

**COMPONENTS OF CONTRACT PLANS SET**

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

**INDEX OF ROADWAY PLANS**

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 7	SUMMARY OF PAY ITEMS
7A - 7B	SUMMARY OF PAY ITEMS
8	TYPICAL SECTION
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10A	TYPICAL SECTION DETAILS
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19	OPTIONAL MATERIALS TABULATION
20 - 21	REFERENCE POINTS
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23	GENERAL NOTES
24 - 84	ROADWAY PLAN AND PROFILE SHEETS
85 - 94	INTERSECTION PROFILES
95 - 124	DRAINAGE STRUCTURE SHEETS
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126 - 161	SPECIAL DETAILS
161A	SPECIAL DETAILS
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167 - 170	ROADWAY SOIL SURVEY
171 - 182	CROSS SECTIONS
183 - 186	STORMWATER POLLUTION PREVENTION PLANS
187 - 207	TRAFFIC CONTROL PLANS
207A - 207B	TRAFFIC CONTROL PLANS
208 - 238	UTILITY ADJUSTMENTS
239 - 242	SUBSURFACE UTILITY LOCATES

**INDEX OF FINAL PLANS**

COMPUTATION BOOK NO. 1  
FIELD BOOK NO. 7148.02 - TYPE F & D CONCRETE CURB  
- UTILITY PIPE CASING

**APPLICABLE DESIGN STANDARDS MODIFICATIONS: 1-1-07**

For Design Standards Modifications click on "Design Standards" at the following web site:  
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**GOVERNING STANDARDS AND SPECIFICATIONS:**  
FLORIDA DEPARTMENT OF TRANSPORTATION,  
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**REVISIONS**

- FINANCIAL PROJECT ID 255853-1-52-01
- △ Roadway Sheets 2-9, 11 & 187-189 (Revised 01/29/07)
- △ Roadway Sheets 1, 12, 18, 76, 80, 82, 83, 113, 207A, & 207B (Revised 07/19/07)
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- △ Roadway Sheets 62, 70, 72, 78, 145, 149, 150, 151, 152, & 153 (Revised 04/10/08)
- △ Roadway Sheets 52, 74, & 80 (Revised 05/22/08)
- △ Roadway Sheets 1, 12, 60, 62, 74, 80, 145, 151, & 161A (Revised 06/25/08)

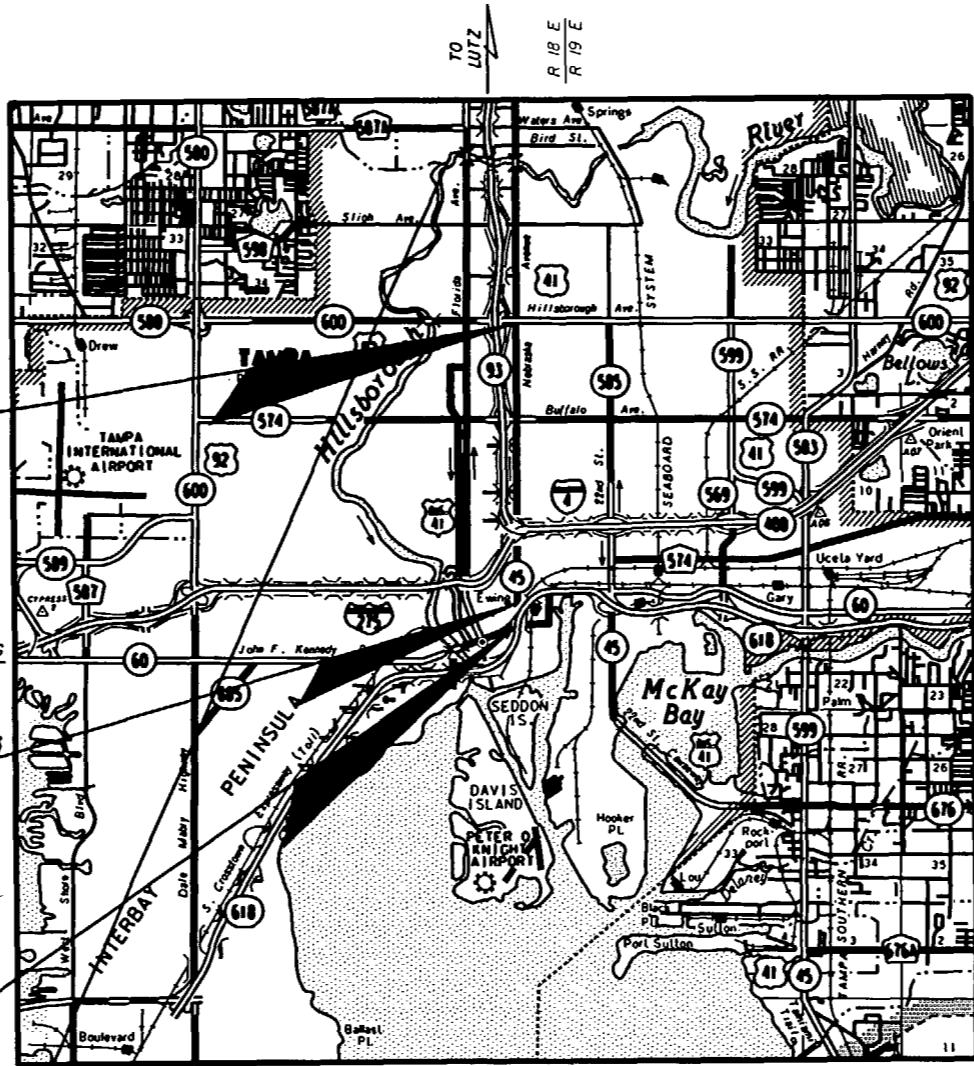
**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

**Final "As-Built" Plans**

FINANCIAL PROJECT ID 255853-1-52-01

HILLSBOROUGH COUNTY (10040)

STATE ROAD NO. 45 (NEBRASKA AVENUE)  
FROM KENNEDY BOULEVARD TO HILLSBOROUGH AVENUE

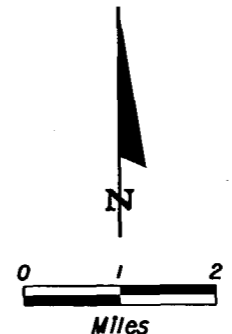
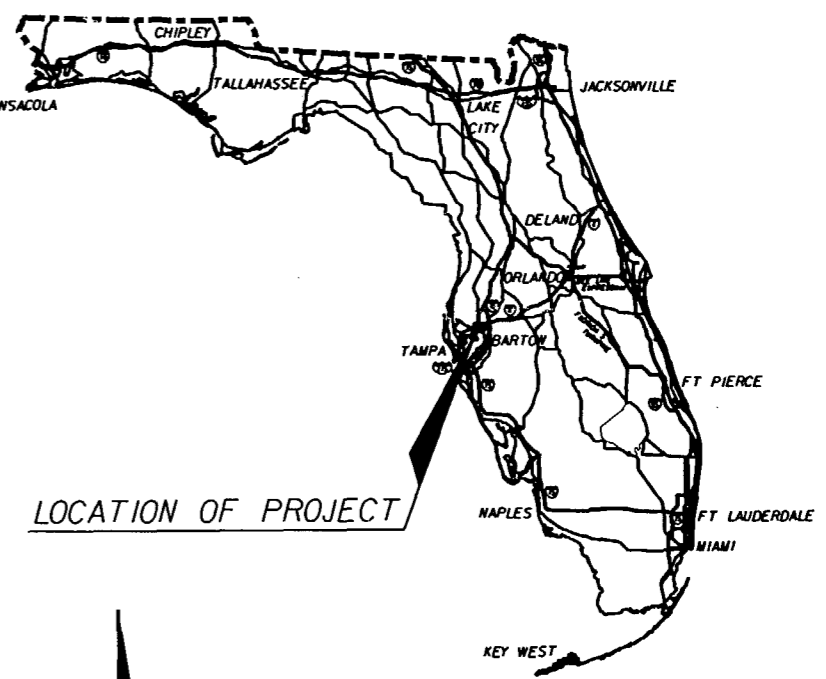


END PROJECT  
STA. 264+01.71

STA. 263+47

CSX CROSSING NO. 626293  
RR MP: A-882.03, CSXT  
STA. 108+96.00

BEGIN PROJECT  
STA. 99+00.00  
M.P. 0.011



**ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:**

G. BRITTON HARDY, P.E. 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT SEVEN OFFICE  
ROADWAY DESIGN  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
PHONE NO. (813) 975-6000

**PLANS PREPARED BY:**

FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT SEVEN OFFICE  
ROADWAY DESIGN  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
PHONE NO. (813) 975-6000

**NOTE:**  
THIS PROJECT IS TO BE LET TO CONTRACT  
WITH FINANCIAL PROJECT ID:  
255853-1-52-01 (HILLSBOROUGH COUNTY OF TAMPA WATER)

**NAME OF CONTRACTOR:** The Lane Construction Corporation  
**NAME OF ALL CONSULTANTS INVOLVED:** URS Construction Services  
**RESIDENT ENGINEER:** Patrick Stanford, P.E.  
**PROJECT ADMINISTRATOR:** H. Alvin Starling  
**DISTRICT SECRETARY:** Don Skelton  
**DATE WORK STARTED:** June 11, 2007  
**DATE WORK CONDITIONALLY ACCEPTED:** N/A  
**DATE WORK FINAL ACCEPTED OR COMPLETED:** October 20, 2008

This project was constructed in substantial compliance with these plans as provided by the Engineer of Record. If changes were made, those changes are indicated by black ink revision and bear the seal and signature of the Responsible Engineer.  
  
Resident Engineer: *[Signature]* Date: 11/6/08

**ROADWAY PLANS ENGINEER OF RECORD:** G. BRITTON HARDY, P.E.

P.E. NO. 45234

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	16,447.00	3.115
BRIDGES	0	0
NET LENGTH OF PROJECT	16,447.00	3.115
EXCEPTIONS	0	0
GROSS LENGTH OF PROJECT	16,447.00	3.115

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION
07/19/07	MJM	ADDED SHEETS 207A & 207B.
09/26/07	MJM	ADDED SHEET 10A
06/25/08	MJM	ADDED SHEET 161A

FISCAL YEAR	SHEET NO.
07	1

FDOT PROJECT MANAGER: JOHN R. ESCOBIO

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

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**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

**Final "As-Built" Plans**

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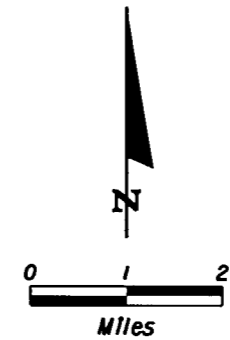
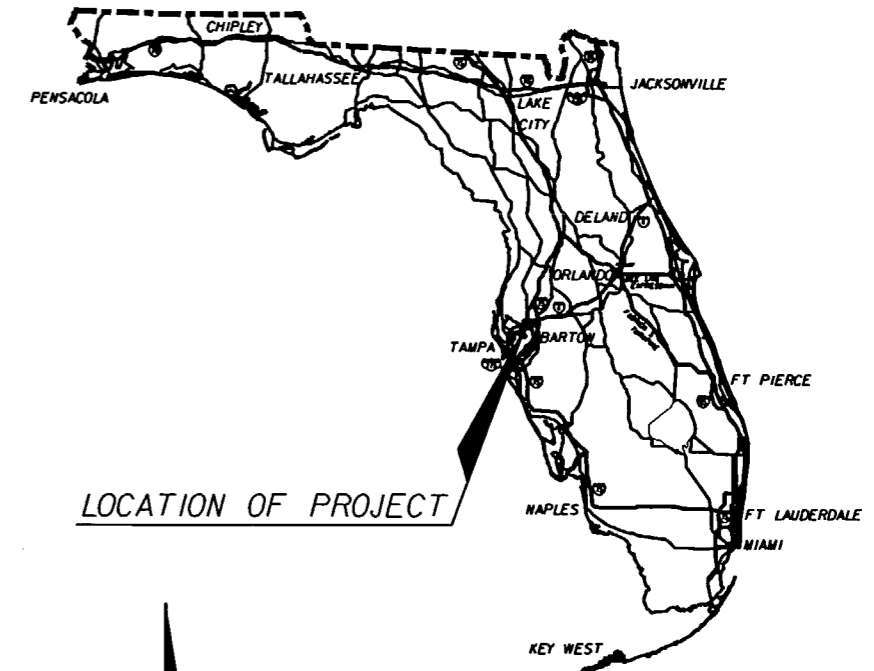
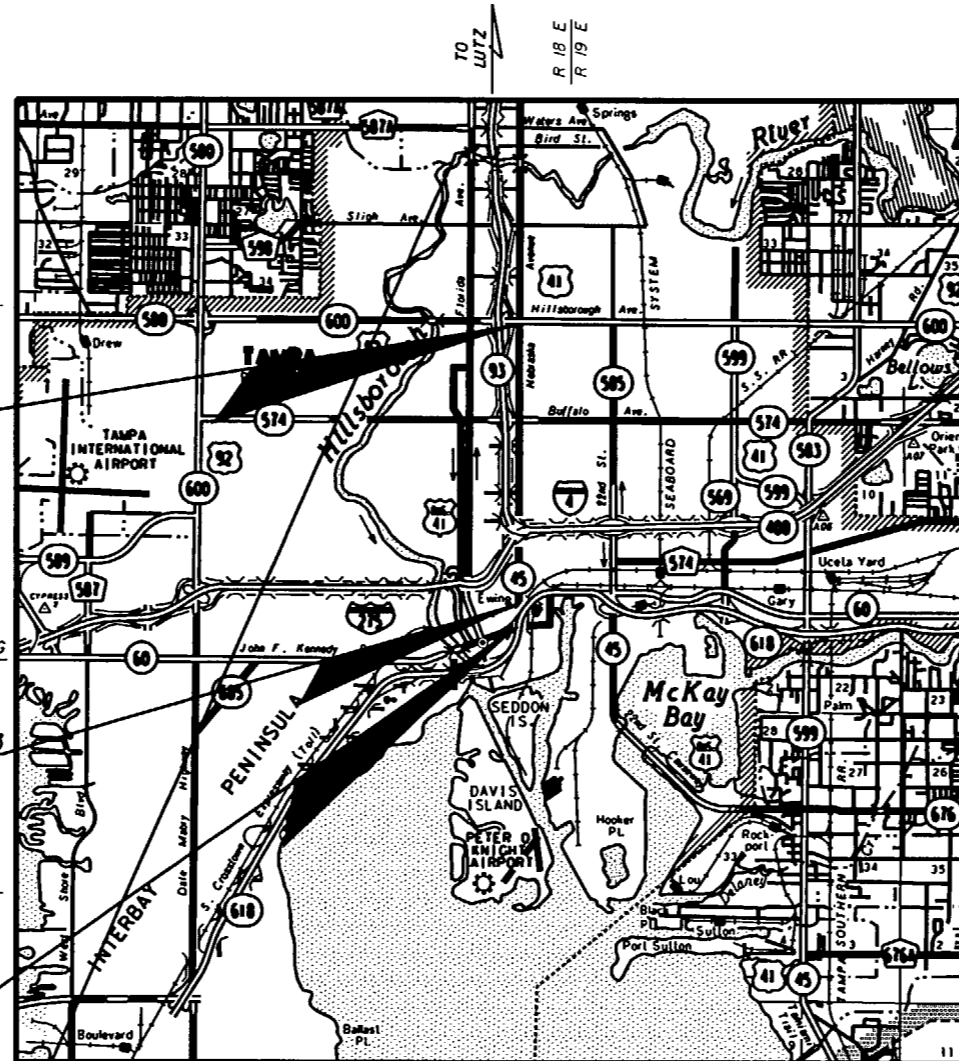
APPLICABLE DESIGN STANDARDS MODIFICATIONS: 1-1-07

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ROADWAY SHOP DRAWINGS  
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PHONE NO. (813) 975-6000

PLANS PREPARED BY:

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ROADWAY DESIGN  
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PHONE NO. (813) 975-6000

NOTE:  
PROJECT IS TO BE LET TO CONTRACT  
FINANCIAL PROJECT ID:  
255853-1-56-01 (UWHC FOR CITY OF TAMPA WATER)

**VOID**

NOTE: THESE PLANS MAY  
HAVE CHANGES DUE TO REPRODUCTION.

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	16,501.71	3.125
BRIDGES	0	0
NET LENGTH OF PROJECT	16,501.71	3.125
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	16,501.71	3.125

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION
07/19/07	MJM	ADDED SHEETS 207A & 207B.
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ROADWAY PLANS  
ENGINEER OF RECORD: G. BRITTON HARDY, P.E.

P.E. NO. 45234

FISCAL YEAR	SHEET NO.
07	1

FDOT PROJECT MANAGER: JOHN R. ESCOBIO

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**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

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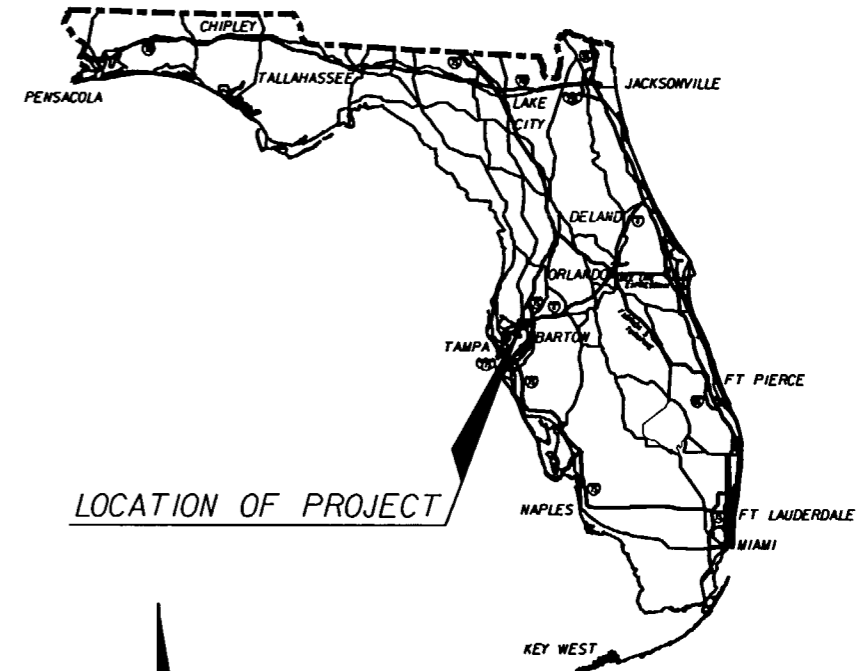
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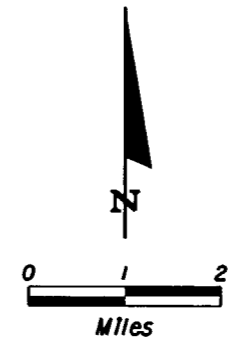
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LOCATION OF PROJECT



**ROADWAY SHOP DRAWINGS  
TO BE SUBMITTED TO:**

G. BRITTON HARDY, P.E. 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT SEVEN OFFICE  
ROADWAY DESIGN  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
PHONE NO. (813) 975-6000

**PLANS PREPARED BY:**

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**NOTE:**  
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255853-1-56-01 (UNHO FOR CITY OF TAMPA WATER)

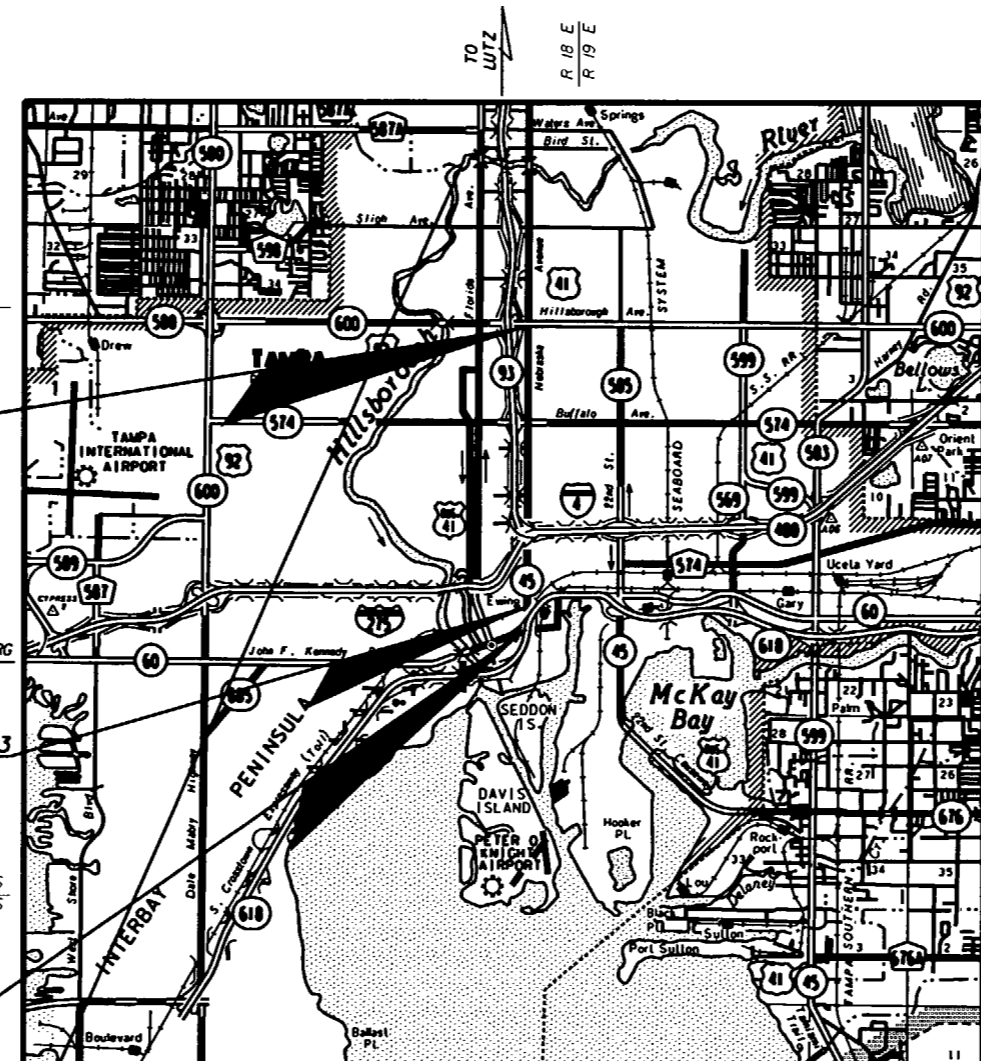
**VOID**

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END PROJECT  
STA. 264+01.71

CSX CROSSING NO. 626293  
RR MP: A-882.03, CSXT  
STA. 108+96.00

BEGIN PROJECT  
STA. 99+00.00  
M.P. 0.011



LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	16,501.71	3.125
BRIDGES	0	0
NET LENGTH OF PROJECT	16,501.71	3.125
EXCEPTIONS	N/A	N/A
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KEY SHEET REVISIONS		
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ROADWAY PLANS	
ENGINEER OF RECORD:	G. BRITTON HARDY, P.E.
P.E. NO.:	45234
FISCAL YEAR	SHEET NO.
07	1

FDOT PROJECT MANAGER: JOHN R. ESCOBIO

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**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

**Final "As-Built" Plans**

FINANCIAL PROJECT ID 255853-1-52-01

HILLSBOROUGH COUNTY (10040)

STATE ROAD NO. 45 (NEBRASKA AVENUE)  
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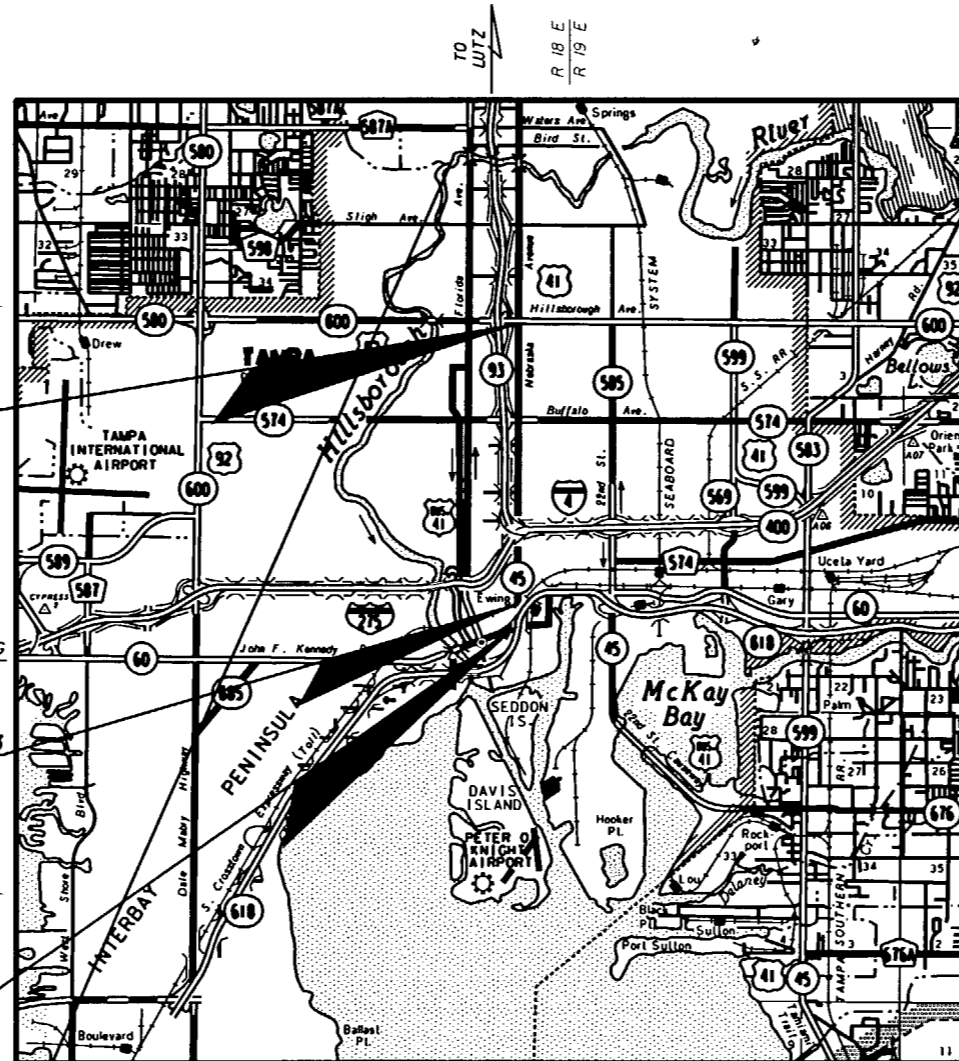
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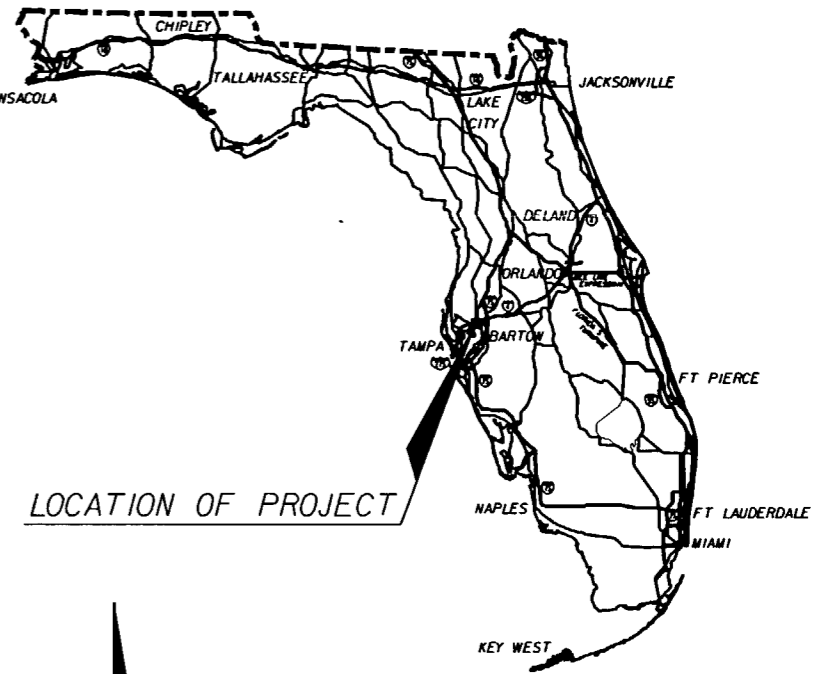
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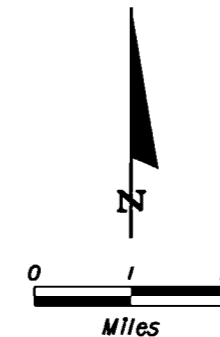
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LOCATION OF PROJECT



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TO BE SUBMITTED TO:

G. BRITTON HARDY, P.E. 45234  
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NOTE:  
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255853-1-56-01 (MWH FOR CITY OF TAMPA WATER)

**VOID**

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ROADWAY PLANS  
ENGINEER OF RECORD: G. BRITTON HARDY, P.E.

P.E. NO. 45234

FISCAL YEAR	SHEET NO.
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FDOT PROJECT MANAGER: JOHN R. ESCOBIO

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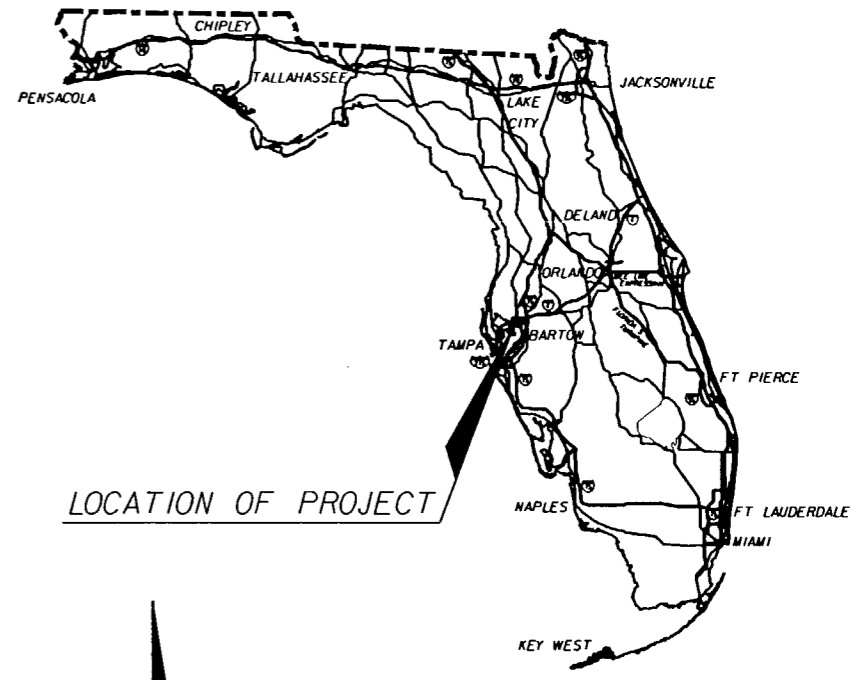
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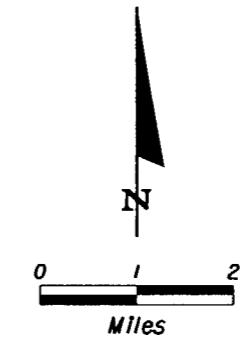
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STATE ROAD NO. 45 (NEBRASKA AVENUE)  
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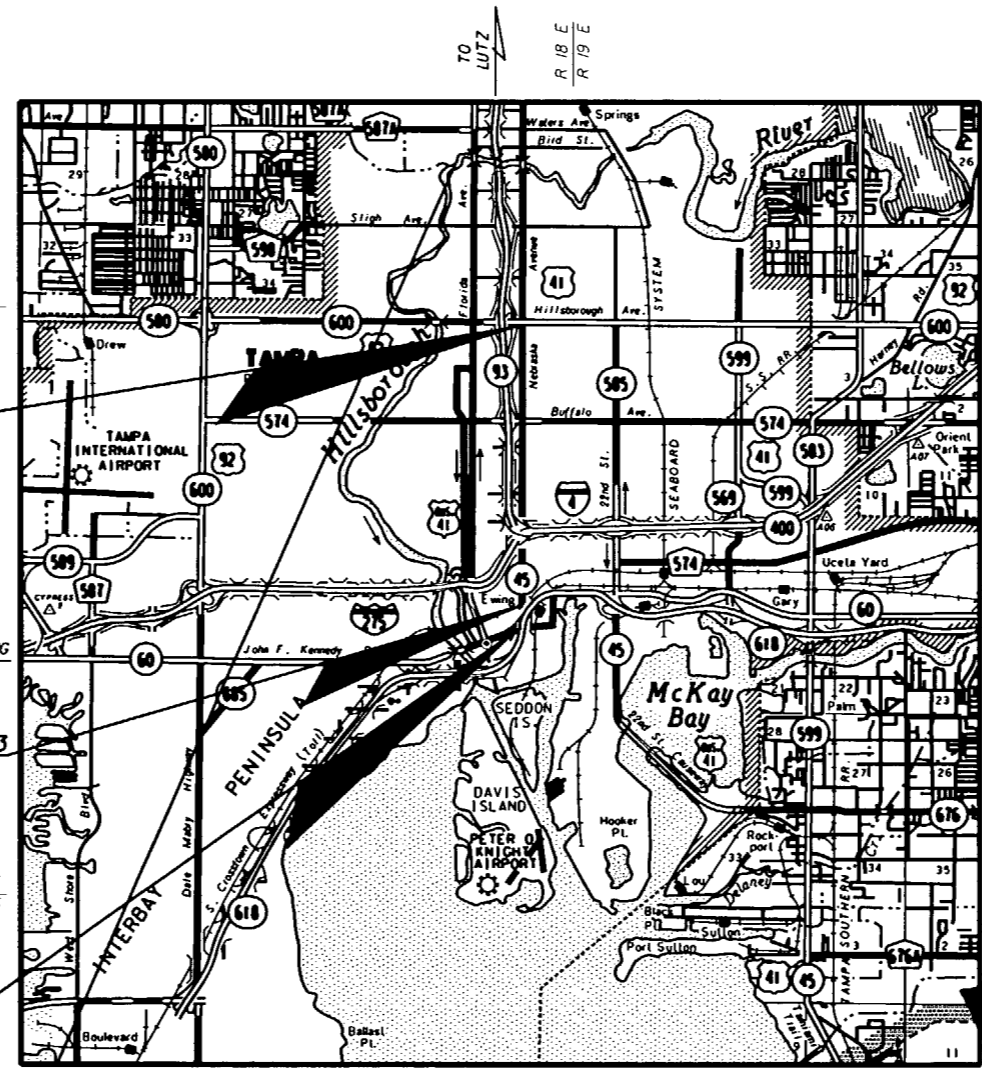
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239 - 242	SUBSURFACE UTILITY LOCATES

END PROJECT  
 STA. 264+01.71

CSX CROSSING NO. 626293  
 RR MP: A-882.03, CSXT  
 STA. 108+96.00

BEGIN PROJECT  
 STA. 99+00.00  
 M.P. 0.011



APPLICABLE DESIGN STANDARDS MODIFICATIONS: 1-1-07  
 For Design Standards Modifications click on "Design Standards" at the following web site:  
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GOVERNING STANDARDS AND SPECIFICATIONS:  
 FLORIDA DEPARTMENT OF TRANSPORTATION,  
 DESIGN STANDARDS DATED 2006,  
 AND SPECIFICATIONS FOR ROAD AND  
 BRIDGE CONSTRUCTION DATED 2007,  
 AS AMENDED BY CONTRACT DOCUMENTS.

VOID

**LENGTH OF PROJECT**

	LINEAR FEET	MILES
ROADWAY	16,501.71	3.125
BRIDGES	0	0
NET LENGTH OF PROJECT	16,501.71	3.125
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	16,501.71	3.125

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION
07/19/07	MJM	ADDED SHEETS 207A & 207B
09/26/07	MJM	ADDED SHEET 10A

ROADWAY PLANS  
 ENGINEER OF RECORD: G. BRITTON HARDY, P.E.

P.E. NO.: 45234

FISCAL YEAR	SHEET NO.
07	1

- REVISIONS**  
 FINANCIAL PROJECT ID 255853-1-52-01
- ▲ Roadway Sheets 2-9, 11 & 187-189 (Revised 01/29/07)
  - ▲ Roadway Sheets 1, 12, 18, 76, 80, 82, 83, 113, 207A, & 207B (Revised 07/19/07)
  - ▲ Roadway Sheets 12, 36, 50, 56, 60, 62, 64, 68, 72, 74, 78, & 80 (Revised 07/31/07)
  - ▲ Roadway Sheets 1, 10A, 36, 38, 40, 56, 60, 64, 132, 134, 142, 144, & 146 (Revised 09/26/07)
  - ▲ Signing and Pavement Marking Sheets S-2, S-4, S-13, & S-39 (Revised 09/26/07)

FDOT PROJECT MANAGER: JOHN R. ESCOBIO

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

**COMPONENTS OF CONTRACT PLANS SET**

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS

**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

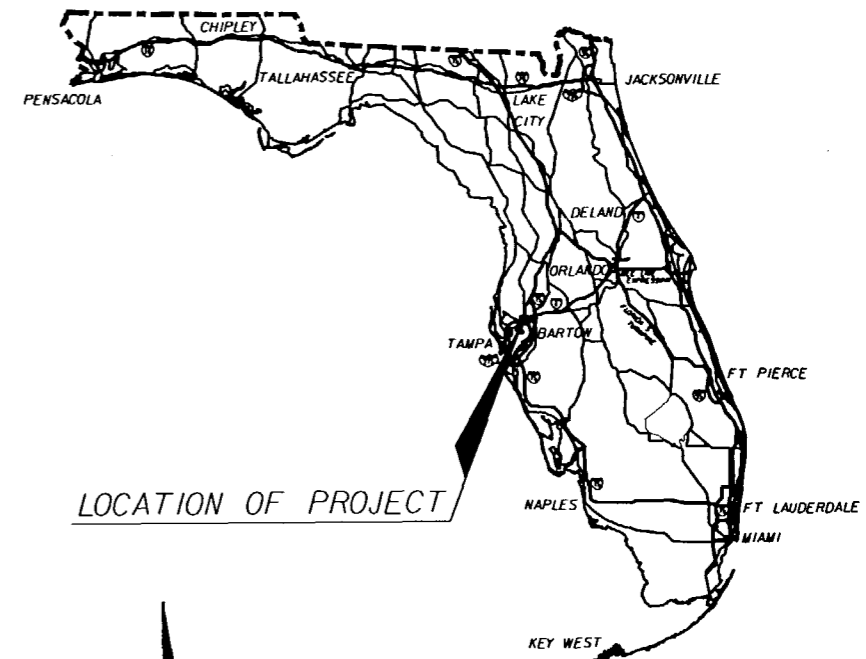
**Final "As-Built" Plans**

FINANCIAL PROJECT ID 255853-1-52-01

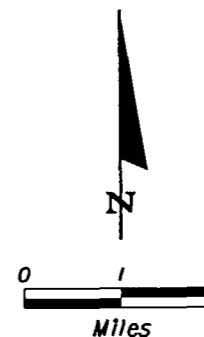
HILLSBOROUGH COUNTY (10040)

STATE ROAD NO. 45 (NEBRASKA AVENUE)  
FROM KENNEDY BOULEVARD TO HILLSBOROUGH AVENUE

A DETAILED INDEX APPEARS ON THE  
KEY SHEET OF EACH COMPONENT



LOCATION OF PROJECT



ROADWAY SHOP DRAWINGS  
TO BE SUBMITTED TO:

G. BRITTON HARDY, P.E. 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT SEVEN OFFICE  
ROADWAY DESIGN  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
PHONE NO. (813) 975-6000

PLANS PREPARED BY:

FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT SEVEN OFFICE  
ROADWAY DESIGN  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
PHONE NO. (813) 975-6000

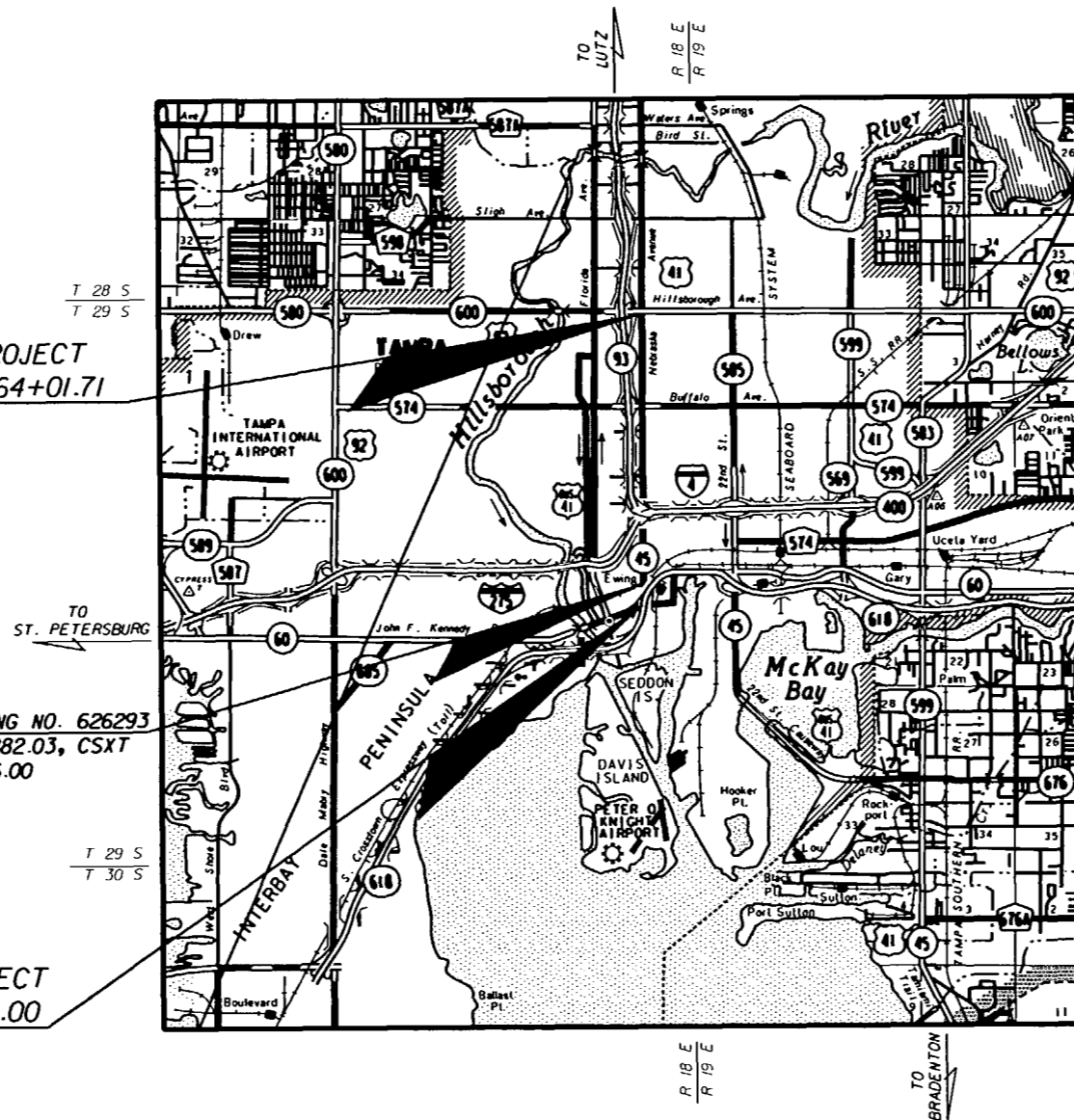
NOTE:  
THIS PROJECT IS TO BE LET TO CONTRACT  
WITH FINANCIAL PROJECT ID:  
255853-1-56-01 (UWHC FOR CITY OF TAMPA WATER)

**VOID**

NOTE: THE SCALE OF THESE PLANS MAY  
HAVE CHANGED DUE TO REPRODUCTION

**INDEX OF ROADWAY PLANS**

SHEET NO.	SHEET DESCRIPTION
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**LENGTH OF PROJECT**

	LINEAR FEET	MILES
ROADWAY	16,501.71	3.125
BRIDGES	0	0
NET LENGTH OF PROJECT	16,501.71	3.125
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	16,501.71	3.125

FDOT PROJECT MANAGER: JOHN R. ESCOBIO

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION
07/19/07	MJM	ADDED SHEETS 207A & 207B.

ROADWAY PLANS  
ENGINEER OF RECORD: G. BRITTON HARDY, P.E.

P.E. NO. 45234

FISCAL YEAR	SHEET NO.
07	1

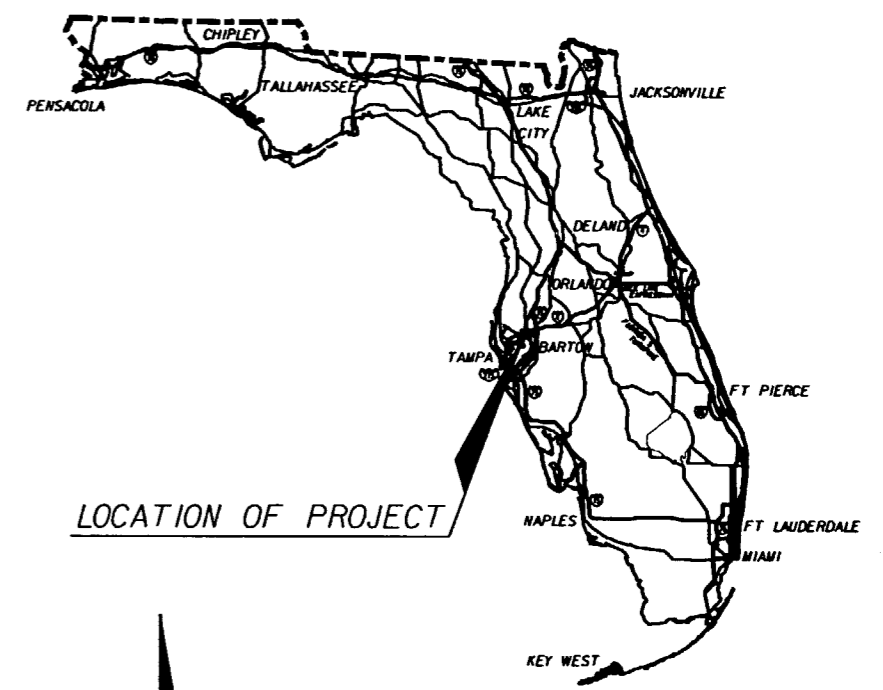
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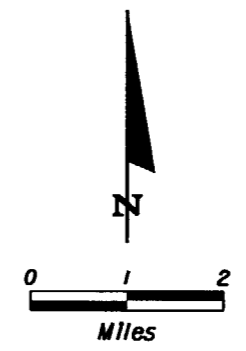
COMPONENTS OF CONTRACT PLANS SET  
 ROADWAY PLANS  
 SIGNING AND PAVEMENT MARKING PLANS  
 SIGNALIZATION PLANS

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
**Final "As-Built" Plans**

FINANCIAL PROJECT ID 255853-1-52-01  
 HILLSBOROUGH COUNTY (10040)  
 STATE ROAD NO. 45 (NEBRASKA AVENUE)  
 FROM KENNEDY BOULEVARD TO HILLSBOROUGH AVENUE



LOCATION OF PROJECT



ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:

G. BRITTON HARDY, P.E. 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT SEVEN OFFICE  
 ROADWAY DESIGN  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 PHONE NO. (813) 975-6000

PLANS PREPARED BY:

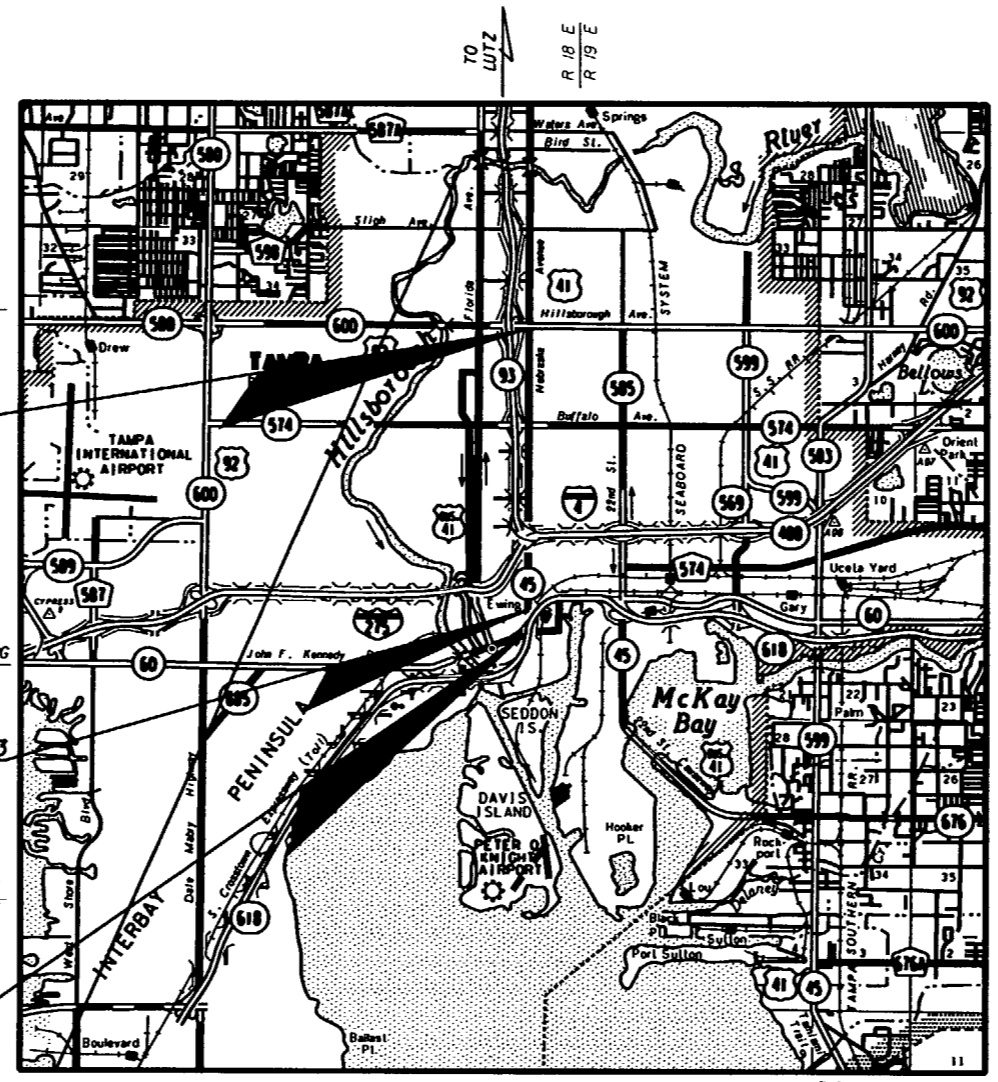
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 DISTRICT SEVEN OFFICE  
 ROADWAY DESIGN  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 PHONE NO. (813) 975-6000

NOTE:  
 THIS PROJECT IS TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID: 255853-1-56-01 (UWHC FOR CITY OF TAMPA WATER)

**VOID**  
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END PROJECT  
 STA. 264+01.71

CSX CROSSING NO. 626293  
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BEGIN PROJECT  
 STA. 99+00.00  
 M.P. 0.011

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REVISIONS

FINANCIAL PROJECT ID 255853-1-52-01
△ Roadway Sheets 2-9, 11 & 187-189 (Revised 01/29/07)
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LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	16,501.71	3.125
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KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION
07/19/07	MJM	ADDED SHEETS 207A & 207B.

ROADWAY PLANS  
 ENGINEER OF RECORD: G. BRITTON HARDY, P.E.  
 P.E. NO. 45234

FISCAL YEAR	SHEET NO.
07	1

FDOT PROJECT MANAGER: JOHN R. ESCOBIO

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**COMPONENTS OF CONTRACT PLANS SET**

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**REVISIONS**

FINANCIAL PROJECT ID 255853-1-52-01

△ Roadway Sheets 1 - 7, 7A - 7B, 8, 9, 11 & 187-189 (Revised 01/29/07)

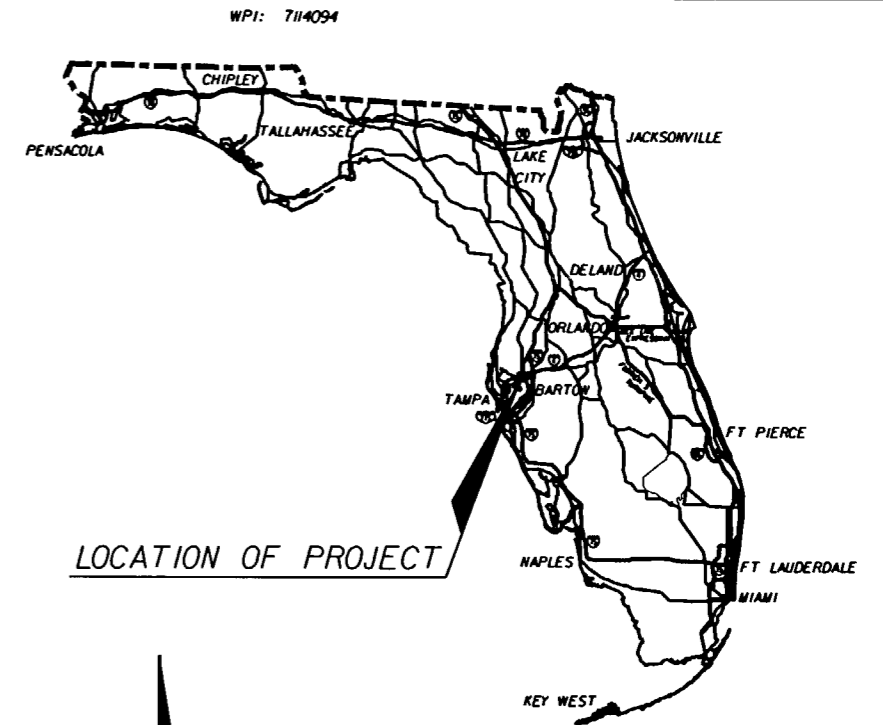
**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

**Final "As-Built" Plans**

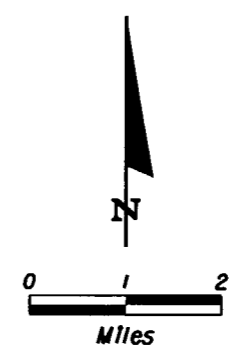
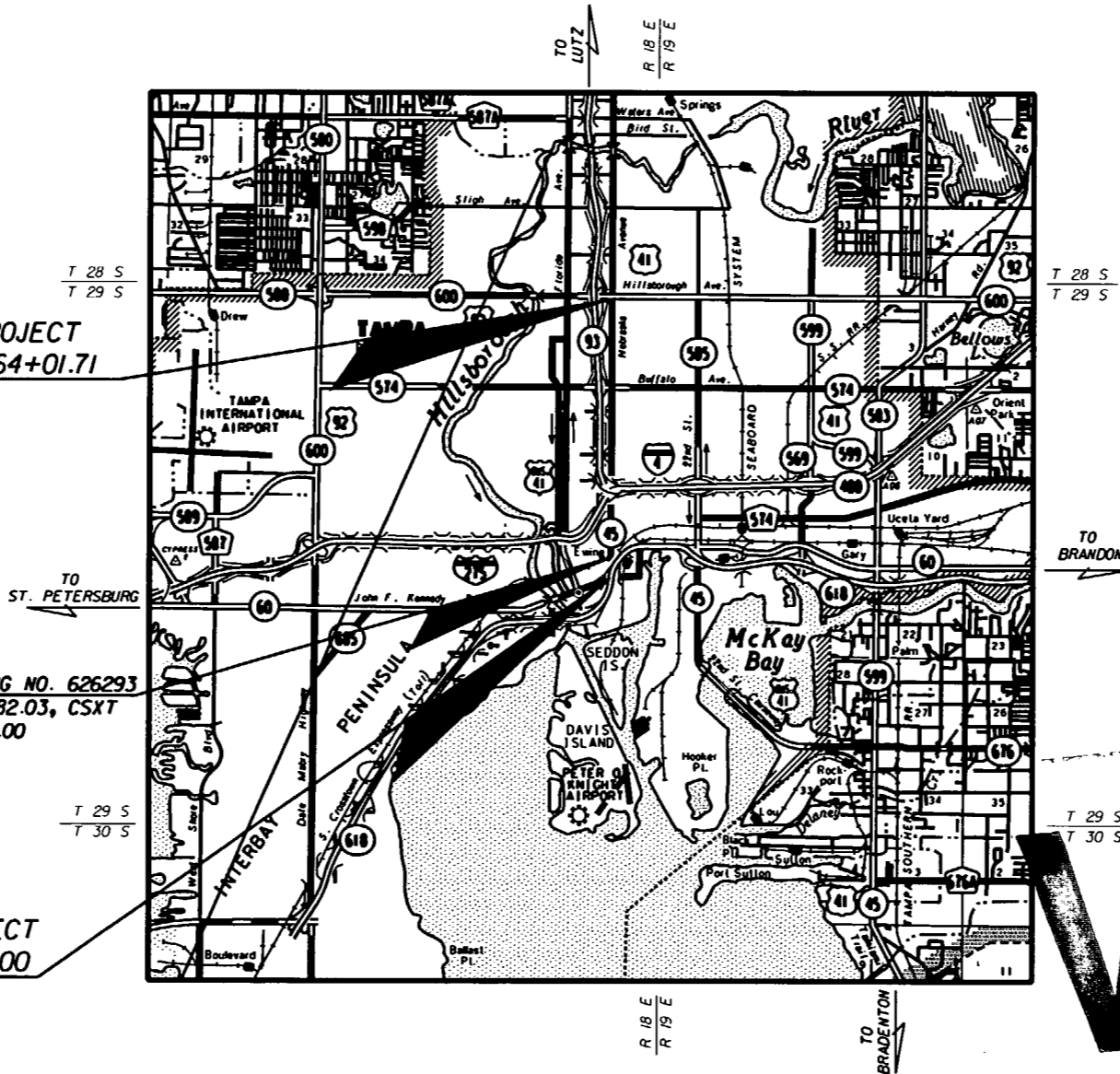
FINANCIAL PROJECT ID 255853-1-52-01

HILLSBOROUGH COUNTY (10040)

STATE ROAD NO. 45 (NEBRASKA AVENUE)  
FROM KENNEDY BOULEVARD TO HILLSBOROUGH AVENUE



LOCATION OF PROJECT



**ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:**

G. BRITTON HARDY, P.E. 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT SEVEN OFFICE  
ROADWAY DESIGN  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
PHONE NO. (813) 975-6000

**PLANS PREPARED BY:**

FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT SEVEN OFFICE  
ROADWAY DESIGN  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
PHONE NO. (813) 975-6000

NOTE:  
THIS PROJECT IS TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID: 255853-1-56-01 (UNHC FOR CITY OF TAMPA WATER)

**VOID**

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LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	16,501.71	3.125
BRIDGES	0	0
NET LENGTH OF PROJECT	16,501.71	3.125
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	16,501.71	3.125

FDOT PROJECT MANAGER: JOHN R. ESCOBIO

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION
01/29/07	MJM	△ Added sheet numbers to Index of roadway plans.

ROADWAY PLANS ENGINEER OF RECORD: G. BRITTON HARDY, P.E.

P.E. NO. 45234

FISCAL YEAR	SHEET NO.
07	1

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REVISIONS

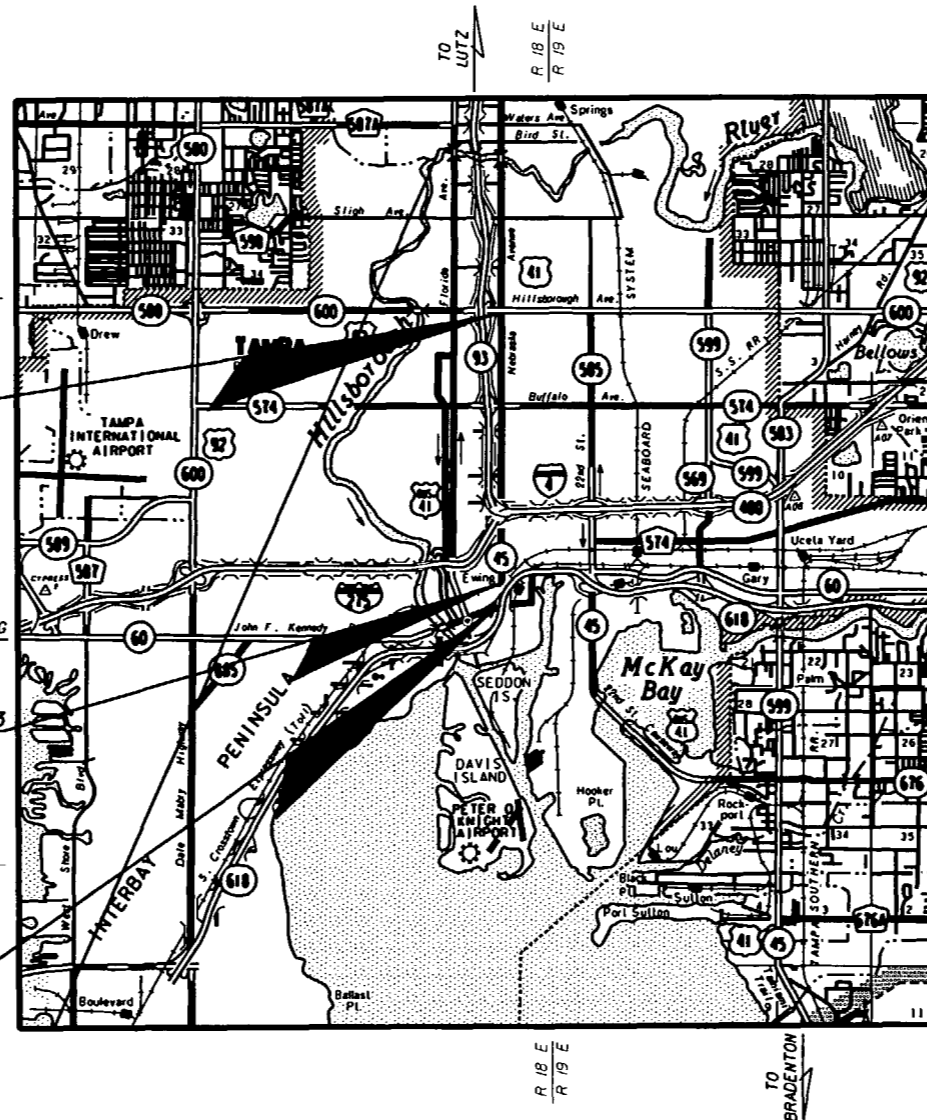
**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

**Final "As-Built" Plans**

FINANCIAL PROJECT ID 255853-1-52-01

HILLSBOROUGH COUNTY (10040)

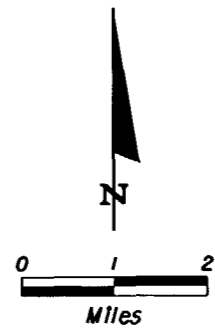
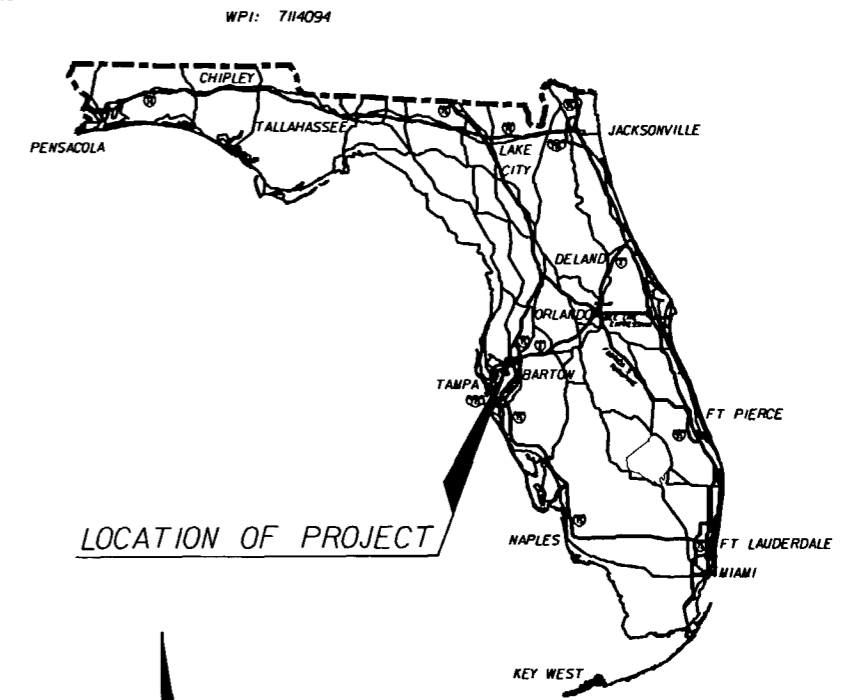
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END PROJECT  
STA. 264+01.71

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NOTE:  
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WITH FINANCIAL PROJECT ID:  
255853-1-56-01 (UWHC FOR CITY OF TAMPA WATER)

**VOID**  
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**LENGTH OF PROJECT**

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BRIDGES	0	0
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KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

ROADWAY PLANS  
ENGINEER OF RECORD: G. BRITTON HARDY, P.E.

P.E. NO. 45234

FISCAL YEAR	SHEET NO.
07	1

FDOT PROJECT MANAGER: JOHN R. ESCOBIO

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1 DATE: 12/11/06 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 1 A0001  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH , MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

0001 SUMMARY OF ROADWAY		PAY ITEMS				
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL
	0101- 1-	MOBILIZATION	LS	1.000 N	0.000	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC	LS	1.000 N	0.000	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY	1592.000 N	0.000	1592.000
	0102- 14-	TRAFFIC CONTROL OFFICER	MH	570.000 N	0.000	570.000
	0102- 60-	WORK ZONE SIGNS	ED	89940.000 N	0.000	89940.000
	0102- 61-	BUSINESS SIGNS	EA	163.000 N	0.000	163.000
	0102- 74- 1	BARRICADE, TEMPORARY, TYPES I, II, DI, VP & DRUM	ED	204875.000 N	0.000	204875.000
	0102- 74- 2	BARRICADE, TEMPORARY, TYPE III, 6'	ED	8990.000 N	0.000	8990.000
	0102- 76-	ADVANCE WARNING ARROW PANEL	ED	880.000 N	0.000	880.000
	0102- 77-	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED	41210.000 N	0.000	41210.000
	0102- 78-	REFLECTIVE PAVEMENT MARKER, TEMPORARY	EA	1798.000 N	0.000	1798.000
	0102- 99-	CHANGEABLE-VARIABLE MESSAGE SIGN, TEMPORARY	ED	908.000 N	0.000	908.000
	0102-107-	TEMPORARY TRAFFIC DETECTION, INTERSECT	DA	5280.000 N	0.000	5280.000
	0102-911- 2	PAVEMENT MARKING REMOVABLE, WHITE-BLACK, SOLID	LF	33709.000 N	0.000	33709.000
	0102-912- 2	PAVEMENT MARKING REMOVABLE, YELLOW, SOLID	LF	67419.000 N	0.000	67419.000
	0104- 1-	ARTIFICIAL COVERINGS, FOR EROSION CONTROL	SY	3773.000 N	0.000	3773.000
	0104- 16-	ROCK BAGS	EA	800.000 N	0.000	800.000
	0109- 71- 4	FIELD OFFICE, 1200 SQ FT	DA	440.000 N	0.000	440.000
	0110- 1- 1	CLEARING & GRUBBING	LS	1.000 N	0.000	1.000
	0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	13517.000 N	0.000	13517.000
	0110- 86-	DELIVERY OF SALVAGEABLE MATERIAL TO FDOT	LS	1.000 N	0.000	1.000
	0120- 2- 2	BORROW EXCAVATION, TRUCK MEASURE	CY	249.000 N	0.000	249.000
	0120- 71-	REGULAR EXCAVATION, 3-R PROJECTS ONLY	LS	1.000 N	0.000	1.000
	0162- 1- 11	PREPARED SOIL LAYER- FINISH SOIL LAYER, 6"	SY	16126.000 N	0.000	16126.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	4060.000 N	0.000	4060.000
	0286- 2-	TURNOUT CONSTRUCTION, ASPHALT	TN	125.800 N	0.000	125.800
	0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	11311.000 N	0.000	11311.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	573.300 N	0.000	573.300
	0337- 7- 7	ASPHALT CONCRETE FRICTION COURSE, INC BIT / RUBBER	TN	5146.500 N	0.000	5146.500
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	0.800 N	0.000	0.800
	0400- 1- 15	CONCRETE CLASS I, MISCELLANEOUS	CY	10.000 N	0.000	10.000
	0400- 2- 15	CONCRETE CLASS II, MISCELLANEOUS	CY	88.100 N	0.000	88.100
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	15.000 N	0.000	15.000
	0425- 1-355	INLETS, CURB, TYPE P-5, PARTIAL	EA	1.000 N	0.000	1.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	4.000 N	0.000	4.000
	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	3.000 N	0.000	3.000
	0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	1.000 N	0.000	1.000
	0425- 1-481	INLETS, CURB, TYPE 8, <10'	EA	5.000 N	0.000	5.000
	0425- 1-485	INLETS, CURB, TYPE 8, PARTIAL	EA	1.000 N	0.000	1.000
	0425- 1-489	INLETS, CURB, TYPE 8, MODIFY	EA	3.000 N	0.000	3.000
	0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	5.000 N	0.000	5.000
	0425- 1-910	INLETS, CLOSED FLUME, N/A	EA	1.000 N	0.000	1.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	6.000 N	0.000	6.000

FLORIDA DEPARTMENT OF TRANSPORTATION

**VOID**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 2
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							S.R. 45	HILLSBOROUGH	255853-1-52-01	

**SUMMARY OF PAY ITEMS (1)**



1 DATE: 02/06/07 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 1 A0001  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH , MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

1 DATE: 02/06/07 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 2 A0001  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH , MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

0001 SUMMARY OF ROADWAY		PAY ITEMS				
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL
	AA1 0101- 1-	MOBILIZATION	LS	1.000 N	0.000	1.000
	AA1 0102- 1-	MAINTENANCE OF TRAFFIC	LS	1.000 N	0.000	1.000
	AA1 0102- 3-	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY	1592.000 N	0.000	1592.000
T	AA1 0102- 14-	TRAFFIC CONTROL OFFICER	MH	570.000 N	0.000	570.000
	AA1 0102- 60-	WORK ZONE SIGNS	ED	89940.000 N	0.000	89940.000
	AA1 0102- 61-	BUSINESS SIGNS	EA	163.000 N	0.000	163.000
	AA1 0102- 74- 1	BARRICADE, TEMPORARY, TYPES I, II, DI, VP & DRUM	ED	204875.000 N	0.000	204875.000
	AA1 0102- 74- 2	BARRICADE, TEMPORARY, TYPE III, 6'	ED	8990.000 N	0.000	8990.000
	AA1 0102- 76-	ADVANCE WARNING ARROW PANEL	ED	880.000 N	0.000	880.000
	AA1 0102- 77-	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED	41210.000 N	0.000	41210.000
	AA1 0102- 78-	REFLECTIVE PAVEMENT MARKER, TEMPORARY	EA	1798.000 N	0.000	1798.000
	AA1 0102- 99-	CHANGEABLE-VARIABLE MESSAGE SIGN, TEMPORARY	ED	908.000 N	0.000	908.000
	AA1 0102-107-	TEMPORARY TRAFFIC DETECTION, INTERSECT	DA	5280.000 N	0.000	5280.000
	AA1 0102-911- 2	PAVEMENT MARKING REMOVABLE, WHITE-BLACK,SOLID	LF	33709.000 N	0.000	33709.000
	AA1 0102-912- 2	PAVEMENT MARKING REMOVABLE, YELLOW, SOLID	LF	67419.000 N	0.000	67419.000
	AA1 0104- 1-	ARTIFICIAL COVERINGS, FOR EROSION CONTROL	SY	3773.000 N	0.000	3773.000
	AA1 0104- 16-	ROCK BAGS	EA	800.000 N	0.000	800.000
	AA1 0109- 71- 4	FIELD OFFICE,1200 SQ FT	DA	440.000 N	0.000	440.000
	AA1 0110- 1-	CLEARING & GRUBBING	LS	1.000 N	0.000	1.000
	AA1 0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	13517.000 N	0.000	13517.000
T	AA1 0110- 86-	DELIVERY OF SALVAGEABLE MATERIAL TO FDOT	LS	1.000 N	0.000	1.000
	AA1 0120- 2-	BORROW EXCAVATION,TRUCK MEASURE	CY	249.000 N	0.000	249.000
	AA1 0120- 71-	REGULAR EXCAVATION, 3-R PROJECTS ONLY	LS	1.000 N	0.000	1.000
	AA1 0162- 1- 11	PREPARED SOIL LAYER- FINISH SOIL LAYER, 6"	SY	16126.000 N	0.000	16126.000
	AA1 0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	4060.000 N	0.000	4060.000
	AA1 0286- 2-	TURNOUT CONSTRUCTION, ASPHALT	TN	125.800 N	0.000	125.800
	AA1 0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	12269.000 N	0.000	12269.000
	AA1 0327- 70- 8	MILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	SY	77384.000 N	0.000	77384.000
	AA1 0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	11311.000 N	0.000	11311.000
	AA1 0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	573.300 N	0.000	573.300
	AA1 0334- 1- 23	SUPERPAVE ASPH CONC, TRAF C, PG76-22	TN	6385.200 N	0.000	6385.200
	AA1 0337- 7- 7	ASPHALT CONCRETE FRICTION COURSE, INC BIT / RUBBE	TN	5146.500 N	0.000	5146.500
	AA1 0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	0.800 N	0.000	0.800
	AA1 0400- 1- 15	CONCRETE CLASS I, MISCELLANEOUS	CY	10.000 N	0.000	10.000
	AA1 0400- 2- 15	CONCRETE CLASS II, MISCELLANEOUS	CY	88.100 N	0.000	88.100
	AA1 0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	15.000 N	0.000	15.000
	AA1 0425- 1-355	INLETS, CURB, TYPE P-5, PARTIAL	EA	1.000 N	0.000	1.000
	AA1 0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	4.000 N	0.000	4.000
	AA1 0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	3.000 N	0.000	3.000
	AA1 0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	1.000 N	0.000	1.000
	AA1 0425- 1-481	INLETS, CURB, TYPE 8, <10'	EA	5.000 N	0.000	5.000
	AA1 0425- 1-485	INLETS, CURB, TYPE 8, PARTIAL	EA	1.000 N	0.000	1.000
	AA1 0425- 1-489	INLETS, CURB, TYPE 8, MODIFY	EA	3.000 N	0.000	3.000

FLORIDA DEPARTMENT OF TRANSPORTATION

0001 SUMMARY OF ROADWAY		PAY ITEMS CONTINUED				
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL
	AA1 0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	5.000 N	0.000	5.000
	AA1 0425- 1-910	INLETS, CLOSED FLUME, N/A	EA	1.000 N	0.000	1.000
	AA1 0425- 2- 61	MANHOLES, P-8, <10'	EA	6.000 N	0.000	6.000
	AA1 0425- 2- 91	MANHOLES, J-8, <10'	EA	2.000 N	0.000	2.000
	AA1 0425- 5-	MANHOLE, ADJUST	EA	4.000 N	0.000	4.000
	AA1 0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	74.000 N	0.000	74.000
	AA1 0425- 6-	VALVE BOXES, ADJUST	EA	104.000 N	0.000	104.000
T	AA1 0425- 78-	INLET CAP, PRECAST	EA	4.000 N	0.000	4.000
	AA1 0430- 94- 1	DESILTING PIPE, 0 - 24"	LF	2331.000 N	0.000	2331.000
	AA1 0430- 94- 2	DESILTING PIPE, 25 - 36"	LF	680.000 N	0.000	680.000
	AA1 0430-171-101	PIPE CULVERT OPTIONAL MATERIAL, ROUND - SHAPE, 0	LF	3081.000 N	0.000	3081.000
	AA1 0431- 1- 1	PIPE LINER, OPTIONAL MATERIAL, 0-24"	LF	190.000 N	0.000	190.000
	AA1 0431- 1- 2	PIPE LINER, OPTIONAL MATERIAL, 25-36"	LF	822.000 N	0.000	822.000
	AA1 0515- 2-201	PEDESTRIAN, BICYCLE RAILING, STEEL ONLY,42" PICKET	LF	16.000 N	0.000	16.000
	AA1 0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	2292.000 N	0.000	2292.000
	AA1 0520- 2- 2	CONCRETE CURB, TYPE B	LF	419.000 N	0.000	419.000
	AA1 0520- 2- 4	CONCRETE CURB, TYPE D	LF	14556.000 N	0.000	14556.000
	AA1 0522- 1-	SIDEWALK CONCRETE, 4" THICK	SY	7813.000 N	0.000	7813.000
	AA1 0522- 2-	SIDEWALK CONCRETE, 6" THICK	SY	4489.000 N	0.000	4489.000
	AA1 0523- 1- 1	PATTERNED / TEXTURED PAVEMENT, ASPHALT	SY	3517.000 N	0.000	3517.000
	AA1 0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	12.000 N	0.000	12.000
	AA1 0527- 1-	DETECTABLE WARNING ON WALKING SURFACE, RETROFIT	EA	25.000 N	0.000	25.000
	AA1 0550- 10-220	FENCING, TYPE B, 5.1-6.0, STANDARD	LF	396.000 N	0.000	396.000
	AA1 0550- 60-236	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 24.1-30'	EA	9.000 N	0.000	9.000
	AA1 0570- 1- 2	PERFORMANCE TURF, SOD	SY	16126.000 N	0.000	16126.000
	AA1 0710- 11-111	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	NM	16.662 N	0.000	16.662
	AA1 0710- 11-122	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	1110.000 N	0.000	1110.000
	AA1 0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	9936.000 N	0.000	9936.000
	AA1 0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	416.000 N	0.000	416.000
	AA1 0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	4428.000 N	0.000	4428.000
	AA1 0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP	GM	9.280 N	0.000	9.280
	AA1 0710- 11-151	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOTT	LF	100.000 N	0.000	100.000
	AA1 0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESS	EA	36.000 N	0.000	36.000
	AA1 0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARRO	EA	62.000 N	0.000	62.000
	AA1 0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND	SF	15.000 N	0.000	15.000
	AA1 0710- 11-211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	NM	10.284 N	0.000	10.284
	AA1 0710- 11-222	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	LF	7410.000 N	0.000	7410.000
	AA1 0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	LF	360.000 N	0.000	360.000
	AA1 0710- 11-251	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOT	LF	346.000 N	0.000	346.000
	AA1 0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISL	SF	54.000 N	0.000	54.000
	AA1 0999- 16-	PARTNERING, DO NOT BID	LS	1.000 N	0.000	1.000
	AA1 0999- 20-	DISPUTES REVIEW BOARD, DO NOT BID	DA	35.000 N	0.000	35.000
	AA1 0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1.000 N	0.000	1.000

FLORIDA DEPARTMENT OF TRANSPORTATION

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  2
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
01/29/07	MJM	ADDED ADDITIONAL ALTERNATE BID ITEMS, UPDATED PROPOSAL SUMMARY OF PAY ITEMS SHEETS.					S.R. 45	HILLSBOROUGH	255853-1-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

0001 SUMMARY OF ROADWAY			PAY ITEMS CONTINUED			
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL
	0425- 2- 91	MANHOLES, J-8, <10'	FA	2.000 N	0.000	2.000
	0425- 5-	MANHOLE, ADJUST	EA	4.000 N	0.000	4.000
	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	74.000 N	0.000	74.000
	0425- 6-	VALVE BOXES, ADJUST	EA	104.000 N	0.000	104.000
	0425- 78-	INLET CAP, PRECAST	EA	4.000 N	0.000	4.000
	0430- 94- 1	DESILTING PIPE, 0 - 24"	LF	2331.000 N	0.000	2331.000
	0430- 94- 2	DESILTING PIPE, 25 - 36"	LF	680.000 N	0.000	680.000
	0430-171-101	PIPE CULVERT OPTIONAL MATERIAL, ROUND - SHAPE, 0	LF	3081.000 N	0.000	3081.000
	0431- 1- 1	PIPE LINER, OPTIONAL MATERIAL, 0-24"	LF	190.000 N	0.000	190.000
	0431- 1- 2	PIPE LINER, OPTIONAL MATERIAL, 25-36"	LF	822.000 N	0.000	822.000
	0515- 2-201	PEDESTRIAN, BICYCLE RAILING, STEEL ONLY, 42" PICKE	LF	16.000 N	0.000	16.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	2292.000 N	0.000	2292.000
	0520- 2- 2	CONCRETE CURB, TYPE B	LF	419.000 N	0.000	419.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	14556.000 N	0.000	14556.000
	0522- 1-	SIDEWALK CONCRETE, 4" THICK	SY	7813.000 N	0.000	7813.000
	0522- 2-	SIDEWALK CONCRETE, 6" THICK	SY	4489.000 N	0.000	4489.000
	0523- 1- 1	PATTERNED / TEXTURED PAVEMENT, ASPHALT	SY	3517.000 N	0.000	3517.000
	0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	12.000 N	0.000	12.000
	0527- 1-	DETECTABLE WARNING ON WALKING SURFACE, RETROFIT	EA	25.000 N	0.000	25.000
	0550- 10-220	FENCING, TYPE B, 5.1-6.0, STANDARD	LF	396.000 N	0.000	396.000
	0550- 60-236	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 24.1-30'	EA	9.000 N	0.000	9.000
	0570- 1- 2	PERFORMANCE SOD	SY	16126.000 N	0.000	16126.000
	0710- 11-111	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	NM	16.662 N	0.000	16.662
	0710- 11-122	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	1110.000 N	0.000	1110.000
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	9936.000 N	0.000	9936.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	416.000 N	0.000	416.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	4428.000 N	0.000	4428.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP	GM	9.280 N	0.000	9.280
	0710- 11-151	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOT	LF	100.000 N	0.000	100.000
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESS	EA	36.000 N	0.000	36.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARRO	EA	62.000 N	0.000	62.000
	0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND	SF	15.000 N	0.000	15.000
	0710- 11-211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	NM	10.284 N	0.000	10.284
	0710- 11-222	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	LF	7410.000 N	0.000	7410.000
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	LF	360.000 N	0.000	360.000
	0710- 11-251	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOT	LF	346.000 N	0.000	346.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISL	SF	54.000 N	0.000	54.000
	0999- 16-	PARTNERING, DO NOT BID	LS	1.000 N	0.000	1.000
	0999- 20-	DISPUTES REVIEW BOARD, DO NOT BID	DA	35.000 N	0.000	35.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1.000 N	0.000	1.000
	1050- 11-212	UTILITY PIPE, F&I, PVC, CASING / CONDUIT, 2-4.9"	LF	1613.000 N	0.000	1613.000
	1050- 11-213	UTILITY PIPE, F&I, PVC, CASING / CONDUIT, 5.0-7.9"	LF	323.000 N	0.000	323.000
	1050- 11-312	UTILITY PIPE, F&I, PE, CASING/CONDUIT, 2.0 - 4.9"	LF	1495.000 N	0.000	1495.000

FLORIDA DEPARTMENT OF TRANSPORTATION

0001 SUMMARY OF ROADWAY			PAY ITEMS CONTINUED			
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL
	1050- 11-313	UTILITY PIPE, F&I, PE, CASING/CONDUIT, 5.0 - 7.9"	LF	2339.000 N	0.000	2339.000
AA1	0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	12269.000 N	0.000	12269.000
AA1	0327- 70- 8	MILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	SY	77384.000 N	0.000	77384.000
AA1	0334- 1- 23	SUPERPAVE ASPH CONC, TRAF C, PG76-22	TN	6385.200 N	0.000	6385.200
AA2	0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	89652.000 N	0.000	89652.000
AA2	0905-324- 1	REWORKED ASPHALT CONCRETE	SY	77384.000 N	0.000	77384.000

FLORIDA DEPARTMENT OF TRANSPORTATION

**VOID**

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS (2)	SHEET NO. 3
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.



1 DATE: 02/06/07 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 3 A0001  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH , MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

0001 SUMMARY OF ROADWAY				PAY ITEMS CONTINUED			
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL	
T	AA1	1050- 11-212	UTILITY PIPE, F&I, PVC, CASING / CONDUIT, 2-4.9"	LF	1613.000 N	0.000	1613.000
T	AA1	1050- 11-213	UTILITY PIPE, F&I, PVC, CASING / CONDUIT, 5.0-7.9"	LF	323.000 N	0.000	323.000
T	AA1	1050- 11-312	UTILITY PIPE, F&I, PE, CASING/CONDUIT, 2.0 - 4.9"	LF	1495.000 N	0.000	1495.000
T	AA1	1050- 11-313	UTILITY PIPE, F&I, PE, CASING/CONDUIT, 5.0 - 7.9"	LF	2339.000 N	0.000	2339.000
	AA2	0101- 1-	MOBILIZATION	LS	1.000	0.000	1.000
	AA2	0102- 1-	MAINTENANCE OF TRAFFIC	LS	1.000	0.000	1.000
	AA2	0102- 3-	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY	1592.000	0.000	1592.000
T	AA2	0102- 14-	TRAFFIC CONTROL OFFICER	MH	570.000	0.000	570.000
	AA2	0102- 60-	WORK ZONE SIGNS	ED	89940.000	0.000	89940.000
	AA2	0102- 61-	BUSINESS SIGNS	EA	163.000	0.000	163.000
	AA2	0102- 74- 1	BARRICADE, TEMPORARY, TYPES I, II, DI, VP & DRUM	ED	204875.000	0.000	204875.000
	AA2	0102- 74- 2	BARRICADE, TEMPORARY, TYPE III, 6'	ED	8990.000	0.000	8990.000
	AA2	0102- 76-	ADVANCE WARNING ARROW PANEL	ED	880.000	0.000	880.000
	AA2	0102- 77-	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED	41210.000	0.000	41210.000
	AA2	0102- 78-	REFLECTIVE PAVEMENT MARKER, TEMPORARY	EA	1798.000	0.000	1798.000
	AA2	0102- 99-	CHANGEABLE-VARIABLE MESSAGE SIGN, TEMPORARY	ED	908.000	0.000	908.000
	AA2	0102-107-	TEMPORARY TRAFFIC DETECTION, INTERSECT	DA	5280.000	0.000	5280.000
	AA2	0102-911- 2	PAVEMENT MARKING REMOVABLE, WHITE-BLACK,SOLID	LF	33709.000	0.000	33709.000
	AA2	0102-912- 2	PAVEMENT MARKING REMOVABLE, YELLOW, SOLID	LF	67419.000	0.000	67419.000
	AA2	0104- 1-	ARTIFICIAL COVERINGS, FOR EROSION CONTROL	SY	3773.000	0.000	3773.000
	AA2	0104- 16-	ROCK BAGS	EA	800.000	0.000	800.000
	AA2	0109- 71- 4	FIELD OFFICE,1200 SQ FT	DA	440.000	0.000	440.000
	AA2	0110- 1- 1	CLEARING & GRUBBING	LS	1.000	0.000	1.000
	AA2	0110- 4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	13517.000	0.000	13517.000
T	AA2	0110- 86-	DELIVERY OF SALVAGEABLE MATERIAL TO FDOT	LS	1.000	0.000	1.000
	AA2	0120- 2- 2	BORROW EXCAVATION,TRUCK MEASURE	CY	249.000	0.000	249.000
	AA2	0120- 71-	REGULAR EXCAVATION, 3-R PROJECTS ONLY	LS	1.000	0.000	1.000
	AA2	0162- 1- 11	PREPARED SOIL LAYER- FINISH SOIL LAYER, 6"	SY	16126.000	0.000	16126.000
	AA2	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	4060.000	0.000	4060.000
	AA2	0286- 2-	TURNOUT CONSTRUCTION, ASPHALT	TN	125.800	0.000	125.800
	AA2	0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	12269.000	0.000	12269.000
	AA2	0327- 70- 8	MILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	SY	77384.000	0.000	77384.000
	AA2	0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	11311.000	0.000	11311.000
	AA2	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	573.300	0.000	573.300
	AA2	0334- 1- 23	SUPERPAVE ASPH CONC, TRAF C, PG76-22	TN	6385.200	0.000	6385.200
	AA2	0337- 7- 7	ASPHALT CONCRETE FRICTION COURSE, INC BIT / RUBBE	TN	5146.500	0.000	5146.500
	AA2	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	0.800	0.000	0.800
	AA2	0400- 1- 15	CONCRETE CLASS I, MISCELLANEOUS	CY	10.000	0.000	10.000
	AA2	0400- 2- 15	CONCRETE CLASS II, MISCELLANEOUS	CY	88.100	0.000	88.100
	AA2	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	15.000	0.000	15.000
	AA2	0425- 1-355	INLETS, CURB, TYPE P-5, PARTIAL	EA	1.000	0.000	1.000
	AA2	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	4.000	0.000	4.000
	AA2	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	3.000	0.000	3.000

FLORIDA DEPARTMENT OF TRANSPORTATION

1 DATE: 02/06/07 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 4 A0001  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH , MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

0001 SUMMARY OF ROADWAY				PAY ITEMS CONTINUED			
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL	
	AA2	0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	1.000	0.000	1.000
	AA2	0425- 1-481	INLETS, CURB, TYPE 8, <10'	EA	5.000	0.000	5.000
	AA2	0425- 1-485	INLETS, CURB, TYPE 8, PARTIAL	EA	1.000	0.000	1.000
	AA2	0425- 1-489	INLETS, CURB, TYPE 8, MODIFY	EA	3.000	0.000	3.000
	AA2	0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	5.000	0.000	5.000
	AA2	0425- 1-910	INLETS, CLOSED FLUME, N/A	EA	1.000	0.000	1.000
	AA2	0425- 2- 61	MANHOLES, P-8, <10'	EA	6.000	0.000	6.000
	AA2	0425- 2- 91	MANHOLES, J-8, <10'	EA	2.000	0.000	2.000
	AA2	0425- 5-	MANHOLE, ADJUST	EA	4.000	0.000	4.000
	AA2	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	74.000	0.000	74.000
	AA2	0425- 6-	VALVE BOXES, ADJUST	EA	104.000	0.000	104.000
T	AA2	0425- 78-	INLET CAP, PRECAST	EA	4.000	0.000	4.000
	AA2	0430- 94- 1	DESILTING PIPE, 0 - 24"	LF	2331.000	0.000	2331.000
	AA2	0430- 94- 2	DESILTING PIPE, 25 - 36"	LF	680.000	0.000	680.000
	AA2	0430-171-101	PIPE CULVERT OPTIONAL MATERIAL, ROUND - SHAPE, 0	LF	3081.000	0.000	3081.000
	AA2	0431- 1- 1	PIPE LINER, OPTIONAL MATERIAL, 0-24"	LF	190.000	0.000	190.000
	AA2	0431- 1- 2	PIPE LINER, OPTIONAL MATERIAL, 25-36"	LF	822.000	0.000	822.000
	AA2	0515- 2-201	PEDESTRIAN, BICYCLE RAILING, STEEL ONLY,42" PICKET	LF	16.000	0.000	16.000
	AA2	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	2292.000	0.000	2292.000
	AA2	0520- 2- 2	CONCRETE CURB, TYPE B	LF	419.000	0.000	419.000
	AA2	0520- 2- 4	CONCRETE CURB, TYPE D	LF	14556.000	0.000	14556.000
	AA2	0522- 1-	SIDEWALK CONCRETE, 4" THICK	SY	7813.000	0.000	7813.000
	AA2	0522- 2-	SIDEWALK CONCRETE, 6" THICK	SY	4489.000	0.000	4489.000
	AA2	0523- 1- 1	PATTERNED / TEXTURED PAVEMENT, ASPHALT	SY	3517.000	0.000	3517.000
	AA2	0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	12.000	0.000	12.000
	AA2	0527- 1-	DETECTABLE WARNING ON WALKING SURFACE, RETROFIT	EA	25.000	0.000	25.000
	AA2	0550- 10-220	FENCING, TYPE B, 5.1-6.0, STANDARD	LF	396.000	0.000	396.000
	AA2	0550- 60-236	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 24.1-30'	EA	0.000	0.000	0.000
	AA2	0570- 1- 2	PERFORMANCE TURF, SOD	SY	16126.000	0.000	16126.000
	AA2	0710- 11-111	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	NM	16.662	0.000	16.662
	AA2	0710- 11-122	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	1110.000	0.000	1110.000
	AA2	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	9936.000	0.000	9936.000
	AA2	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	9936.000	0.000	9936.000
	AA2	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	4428.000	0.000	4428.000
	AA2	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP	GM	9.280	0.000	9.280
	AA2	0710- 11-151	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOTT	LF	100.000	0.000	100.000
	AA2	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESS	EA	36.000	0.000	36.000
	AA2	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARRO	EA	62.000	0.000	62.000
	AA2	0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND	SF	15.000	0.000	15.000
	AA2	0710- 11-211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	NM	10.284	0.000	10.284
	AA2	0710- 11-222	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	LF	7410.000	0.000	7410.000
	AA2	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	LF	360.000	0.000	360.000
	AA2	0710- 11-251	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOT	LF	346.000	0.000	346.000

FLORIDA DEPARTMENT OF TRANSPORTATION

DATE		BY		DESCRIPTION		G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 3	
01/29/07	NJM	△	ADDED ADDITIONAL ALTERNATE BID ITEMS, UPDATED PROPOSAL SUMMARY OF PAY ITEMS SHEETS.	ROAD NO.	COUNTY		FINANCIAL PROJECT ID	SUMMARY OF PAY ITEMS (2)			
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60G5-23.003, F.A.C.

1 DATE: 12/07/06 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 4 A0002  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH , MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

0002 SUMMARY OF SIGNING			PAY ITEMS			
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN IT	25585315201	25585315601	QUANTITY TOTAL
	10700- 40- 1	SIGN SINGLE POST- LESS THAN 12	AS	220.000 N	0.000	220.000
	10700- 40- 2	SIGN SINGLE POST- 12 TO 25	AS	37.000 N	0.000	37.000
	10700- 46- 11	SIGN EXISTING- REMOVE, SINGLE POST	AS	175.000 N	0.000	175.000
	10700- 46- 21	SIGN EXISTING- RELOCATE, SINGLE POST	AS	22.000 N	0.000	22.000
	10700- 48- 48	SIGN PANELS RELOCATE, 15 OR <	EA	252.000 N	0.000	252.000
	10700- 48- 58	SIGN PANELS, REPLACE, 15 OR LESS	EA	1.000 N	0.000	1.000
	10700- 48- 60	SIGN PANELS, REMOVE	EA	4.000 N	0.000	4.000
	10705- 71-	DELINEATOR- TUBULAR, FLEXIBLE	EA	11.000 N	0.000	11.000
	10706- 3-	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	1600.000 N	0.000	1600.000
	10710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND	SF	27.000 N	0.000	27.000
	10710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISL	SF	153.000 N	0.000	153.000
	10710- 17-	PAINTED PAVEMENT MARKINGS, REMOVE	SF	550.000 N	0.000	550.000
	10711- 11-111	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	NM	6.881 N	0.000	6.881
	10711- 11-122	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	LF	1945.000 N	0.000	1945.000
	10711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	5288.000 N	0.000	5288.000
	10711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF	640.000 N	0.000	640.000
	10711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	2286.000 N	0.000	2286.000
	10711- 11-141	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6"	LF	1726.000 N	0.000	1726.000
	10711- 11-151	THERMOPLASTIC, STANDARD, WHITE, DOTTED GUIDELINE,	LF	2070.000 N	0.000	2070.000
	10711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	115.000 N	0.000	115.000
	10711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	182.000 N	0.000	182.000
	10711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINES	LF	22.000 N	0.000	22.000
	10711- 11-211	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	NM	5.968 N	0.000	5.968
	10711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	6.000 N	0.000	6.000
	10711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, SKIP, 6"	LF	3678.000 N	0.000	3678.000
	10711- 11-251	THERMOPLASTIC, STANDARD, YELLOW, DOTTED / GUIDELI	LF	12.000 N	0.000	12.000

FLORIDA DEPARTMENT OF TRANSPORTATION

**VOID**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS						BIJAN BEHZADI, P.E. P.E. LICENSE NUMBER 43868 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SUMMARY OF PAY ITEMS (3)</b> 4
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							S.R. 45	HILLSBOROUGH	255853-1-52-01	

0001 SUMMARY OF ROADWAY		PAY ITEMS CONTINUED		
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN IT	QUANTITY TOTAL
	AA2 10710-11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISL	SF	54.000
	AA2 0999-16-	PARTNERING, DO NOT BID	LS	1.000
T	AA2 1050-11-212	UTILITY PIPE, F&I, PVC, CASING / CONDUIT, 2-4.9"	LF	1613.000
	AA2 0999-20-	DISPUTES REVIEW BOARD, DO NOT BID	DA	35.000
	AA2 0999-25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1.000
T	AA2 1050-11-213	UTILITY PIPE, F&I, PVC, CASING / CONDUIT, 5.0-7.9"	LF	323.000
T	AA2 1050-11-312	UTILITY PIPE, F&I, PE, CASING/CONDUIT, 2.0 - 4.9"	LF	1495.000
T	AA2 1050-11-313	UTILITY PIPE, F&I, PE, CASING/CONDUIT, 5.0 - 7.9"	LF	2339.000
	AA3 10101-1-	MOBILIZATION	LS	1.000
	AA3 10102-1-	MAINTENANCE OF TRAFFIC	LS	1.000
	AA3 10102-3-	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CY	1592.000
T	AA3 10102-14-	TRAFFIC CONTROL OFFICER	MH	570.000
	AA3 10102-60-	WORK ZONE SIGNS	ED	89940.000
	AA3 10102-61-	BUSINESS SIGNS	EA	163.000
	AA3 10102-74-1	BARRICADE, TEMPORARY, TYPES I, II, DI, VP & DRUM	ED	204875.000
	AA3 10102-74-2	BARRICADE, TEMPORARY, TYPE III, 6'	ED	8990.000
	AA3 10102-76-	ADVANCE WARNING ARROW PANEL	ED	880.000
	AA3 10102-77-	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED	41210.000
	AA3 10102-78-	REFLECTIVE PAVEMENT MARKER, TEMPORARY	EA	1798.000
	AA3 10102-99-	CHANGEABLE-VARIABLE MESSAGE SIGN, TEMPORARY	ED	908.000
	AA3 10102-107-	TEMPORARY TRAFFIC DETECTION, INTERSECT	DA	5280.000
	AA3 10102-911-2	PAVEMENT MARKING REMOVABLE, WHITE-BLACK,SOLID	LF	33709.000
	AA3 10102-912-2	PAVEMENT MARKING REMOVABLE, YELLOW, SOLID	LF	67419.000
	AA3 10104-1-	ARTIFICIAL COVERINGS, FOR EROSION CONTROL	SY	3773.000
	AA3 10104-16-	ROCK BAGS	EA	800.000
	AA3 10109-71-4	FIELD OFFICE,1200 SQ FT	DA	440.000
	AA3 10110-1-1	CLEARING & GRUBBING	LS	1.000
	AA3 10110-4-	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	13517.000
T	AA3 10110-86-	DELIVERY OF SALVAGEABLE MATERIAL TO FDOT	LS	1.000
	AA3 10120-2-2	BORROW EXCAVATION,TRUCK MEASURE	CY	249.000
	AA3 10120-71-	REGULAR EXCAVATION, 3-R PROJECTS ONLY	LS	1.000
	AA3 10162-1-11	PREPARED SOIL LAYER- FINISH SOIL LAYER, 6"	SY	16126.000
	AA3 10285-706-	OPTIONAL BASE, BASE GROUP 06	SY	4060.000
	AA3 10286-2-	TURNOUT CONSTRUCTION, ASPHALT	TN	125.800
	AA3 10327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	12269.000
	AA3 10327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	77384.000
	AA3 10327-70-13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	11311.000
	AA3 10334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	573.300
	AA3 10337-7-7	ASPHALT CONCRETE FRICTION COURSE, INC BIT / RUBBE	TN	5146.500
	AA3 10339-1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	0.800
	AA3 10400-1-15	CONCRETE CLASS I, MISCELLANEOUS	CY	0.000
	AA3 10400-2-15	CONCRETE CLASS II, MISCELLANEOUS	CY	88.100
	AA3 10425-1-351	INLETS, CURB, TYPE P-5, <10'	EA	15.000

FLORIDA DEPARTMENT OF TRANSPORTATION

0001 SUMMARY OF ROADWAY		PAY ITEMS CONTINUED		
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN IT	QUANTITY TOTAL
	AA3 10425-1-355	INLETS, CURB, TYPE P-5, PARTIAL	EA	1.000
	AA3 10425-1-361	INLETS, CURB, TYPE P-6, <10'	EA	4.000
	AA3 10425-1-451	INLETS, CURB, TYPE J-5, <10'	EA	3.000
	AA3 10425-1-461	INLETS, CURB, TYPE J-6, <10'	EA	1.000
	AA3 10425-1-481	INLETS, CURB, TYPE 8, <10'	EA	5.000
	AA3 10425-1-481	INLETS, CURB, TYPE 8, <10'	EA	1.000
	AA3 10425-1-489	INLETS, CURB, TYPE 8, MODIFY	EA	3.000
	AA3 10425-1-561	INLETS, DT BOT, TYPE E, <10'	EA	5.000
	AA3 10425-1-910	INLETS, CLOSED FLUME, N/A	EA	1.000
	AA3 10425-2-61	MANHOLES, P-8, <10'	EA	6.000
	AA3 10425-2-91	MANHOLES, J-8, <10'	EA	2.000
	AA3 10425-5-	MANHOLE, ADJUST	EA	4.000
	AA3 10425-5-1	MANHOLE, ADJUST, UTILITIES	EA	74.000
	AA3 10425-6-	VALVE BOXES, ADJUST	EA	104.000
T	AA3 10425-78-	INLET CAP, PRECAST	EA	4.000
	AA3 10430-94-1	DESILTING PIPE, 0 - 24"	LF	2331.000
	AA3 10430-94-2	DESILTING PIPE, 25 - 36"	LF	680.000
	AA3 10430-171-101	PIPE CULVERT OPTIONAL MATERIAL, ROUND - SHAPE, 0	LF	3081.000
	AA3 10431-1-1	PIPE LINER, OPTIONAL MATERIAL, 0-24"	LF	190.000
	AA3 10431-1-2	PIPE LINER, OPTIONAL MATERIAL, 25-36"	LF	822.000
	AA3 10515-2-201	PEDESTRIAN, BICYCLE RAILING, STEEL ONLY,42" PICKET	LF	16.000
	AA3 10520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	2292.000
	AA3 10520-2-2	CONCRETE CURB, TYPE B	LF	419.000
	AA3 10520-2-4	CONCRETE CURB, TYPE D	LF	14556.000
	AA3 10522-1-	SIDEWALK CONCRETE, 4" THICK	SY	7813.000
	AA3 10522-2-	SIDEWALK CONCRETE, 6" THICK	SY	4489.000
	AA3 10523-1-1	PATTERNED / TEXTURED PAVEMENT, ASPHALT	SY	3517.000
	AA3 10524-1-1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	12.000
	AA3 10527-1-	DETECTABLE WARNING ON WALKING SURFACE, RETROFIT	EA	25.000
	AA3 10550-10-220	FENCING, TYPE B, 5.1-6.0, STANDARD	LF	396.000
	AA3 10550-60-236	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 24.1-30'	EA	9.000
	AA3 10570-1-2	PERFORMANCE TURE, SOD	SY	16126.000
	AA3 10710-11-111	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	NM	16.662
	AA3 10710-11-122	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	1110.000
	AA3 10710-11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	9936.000
	AA3 10710-11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	416.000
	AA3 10710-11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLI	LF	4428.000
	AA3 10710-11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP	GM	9.280
	AA3 10710-11-151	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOT	LF	100.000
	AA3 10710-11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESS	EA	36.000
	AA3 10710-11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARRO	EA	62.000
	AA3 10710-11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND	SF	15.000
	AA3 10710-11-211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	NM	10.284

FLORIDA DEPARTMENT OF TRANSPORTATION

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

DATE		BY		DESCRIPTION		G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SUMMARY OF PAY ITEMS (3)</b>	SHEET NO. 4	
01/29/07		MJM		REVISIONS Δ ADDED ADDITIONAL ALTERNATE BID ITEMS, UPDATED PROPOSAL SUMMARY OF PAY ITEMS SHEETS. EOR HAS CHANGED.			ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
							S.R. 45	HILLSBOROUGH	255853-1-52-01			

1 DATE: 12/07/06 PROPOSAL SUMMARY OF PAY ITEMS  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH ,  
 PROJECT(S) : 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

PAGE: 5 A0003  
 MANDIST: 07

0003 SUMMARY OF SIGNALIZATION			PAY ITEMS			
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL
	0555- 1- 1	DIRECTIONAL BORE, LESS THAN 6"	LF	1169.000 N	0.000	1169.000
	0555- 1- 2	DIRECTIONAL BORE, 6" TO < 12"	LF	881.000 N	0.000	881.000
	0630- 1- 12	CONDUIT - SIGNALS, FURNISH & INSTALL, UNDERGROUND	LF	1237.000 N	0.000	1237.000
	0630- 1- 13	CONDUIT - SIGNALS, FURNISH & INSTALL, UNDER PAVEM	LF	82.000 N	0.000	82.000
	0632- 7- 1	CABLE, SIGNAL, FURNISH & INSTALL	FI	3.000 N	0.000	3.000
	0632- 8-131	CABLE, INTERCONNECT, PAIRS - DETERMINED BY CONTRA	LF	12467.000 N	0.000	12467.000
	0632- 8-211	CABLE, INTERCONNECT, 1- 25, F&I, AERIAL	LF	30.000 N	0.000	30.000
	0632- 8-212	CABLE, INTERCONNECT, 1-25 PAIRS, F&I, UNDERGROUND	LF	306.000 N	0.000	306.000
	0635- 1- 11	PULL & JUNCTION BOXES, F&I, PULL BOX	EA	78.000 N	0.000	78.000
	0635- 1- 12	PULL & JUNCTION BOXES, F&I, AERIAL JUNCTION BOX	EA	4.000 N	0.000	4.000
	0639- 1- 22	SIGNALS, ELECTRICAL POWER SERVICE, UNDERGROUND,	AS	3.000 N	0.000	3.000
	0639- 2- 1	SIGNALS, ELECTRICAL SERVICE WIRE	LF	283.000 N	0.000	283.000
	0641- 41-112	PREST CONC POLE, F&I - DIRECT BURIAL, TYPE N-11,	EA	3.000 N	0.000	3.000
	0649-416-004	M/ARM, F&I/HL, SGL ARM W/O LUM, 1ST ARM-B6,2ND-0,	EA	1.000 N	0.000	1.000
	0649-417-006	M/ARM, F&I/HL, SGL ARM W/O LUM, 1ST ARM-B7,2ND-0,	EA	2.000 N	0.000	2.000
	0650- 51-313	TRAFFIC SIGNAL, F&I, 3 SECTIONS, 1 WAY, SPECIAL	AS	24.000 N	0.000	24.000
	0650- 54-311	TRAFFIC SIGNAL, RELOCATE, 3 SECTION, 1 WAY, STAND	AS	32.000 N	0.000	32.000
	0653-191-	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 1 DIREC	AS	32.000 N	0.000	32.000
	0653-192-	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 2 DIREC	AS	32.000 N	0.000	32.000
	0659-101-	SIGNAL HEAD AUXILIARIES, F&I, BACK PLATES 3 SECT	EA	12.000 N	0.000	12.000
	0659-106-	SIGNAL HEAD AUXILIARIES, F&I, TUNNEL VISOR	EA	72.000 N	0.000	72.000
	0659-107-	SIGNAL HEAD AUXILIARIES, F&I, ALUMINUM PEDESTAL	EA	45.000 N	0.000	45.000
	0660- 1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	7.000 N	0.000	7.000
	0660- 2-101	LOOP ASSEMBLY- F&I, TYPE A	AS	27.000 N	0.000	27.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	20.000 N	0.000	20.000
	0665- 13-	PEDESTRIAN DETECTOR, F&I, DETECTOR WITH SIGN ONLY	EA	88.000 N	0.000	88.000
	0670- 5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	3.000 N	0.000	3.000
	0670- 5-410	TRAFFIC CONTROLLER ASSEMBLY, MODIFY, NEMA	AS	4.000 N	0.000	4.000
	0678- 1-104	CONTROLLER ACCESSORIES, F&I, LOAD SWITCH	EA	4.000 N	0.000	4.000
	0690- 10-	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EA	24.000 N	0.000	24.000
	0690- 20-	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	50.000 N	0.000	50.000
	0690- 31-	SIGNAL PEDESTAL REMOVAL	EA	8.000 N	0.000	8.000
	0690- 32- 1	POLE REMOVAL, SHALLOW, DIRECT BURIAL	EA	1.000 N	0.000	1.000
	0690- 33- 1	POLE REMOVAL, DEEP DIRECT BURIAL	LF	120.000 N	0.000	120.000
	0690- 50-	CONTROLLER ASSEMBLY, REMOVE, COMPLETE ASSEMBLY	EA	3.000 N	0.000	3.000
	0690- 60-	DETECTOR VEHICLE ASSEMBLY REMOVE	EA	8.000 N	0.000	8.000
	0690- 70-	DETECTOR PEDESTRIAN ASSEMBLY REMOVE	EA	34.000 N	0.000	34.000
	0690- 80-	SPAN WIRE ASSEMBLY, REMOVE	EA	3.000 N	0.000	3.000
	0690- 90-	CONDUIT & CABLING REMOVE	FI	12.000 N	0.000	12.000
	0690-100-	SIGNAL EQUIPMENT MISCELLANEOUS REMOVE	FI	12.000 N	0.000	12.000
	0699- 1- 1	INTERNAL ILLUM SIGN, ST NAME	EA	4.000 N	0.000	4.000
	0700- 46- 25	SIGN EXISTING- RELOCATE, SPAN WIRE	AS	1.000 N	0.000	1.000
	0700- 48- 18	SIGN PANELS, F & I, 15 OR <	EA	62.000 N	0.000	62.000

FLORIDA DEPARTMENT OF TRANSPORTATION

**VOID**

REVISIONS						BIJAN BEHZADI, P.E. P.E. LICENSE NUMBER 43868 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SUMMARY OF PAY ITEMS (4)</b> SHEET NO. 5
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							S.R. 45	HILLSBOROUGH	255853-1-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

1 DATE: 02/06/07 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 7 A0001  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH , MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

0001 SUMMARY OF ROADWAY		PAY ITEMS CONTINUED		
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	QUANTITY TOTAL
	AA3 0710- 11-222	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	LF	7410.000
	AA3 0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOL	LF	360.000
	AA3 0710- 11-251	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOT	LF	346.000
	AA3 0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISL	SF	54.000
	AA3 0905-324- 1	REWORKED ASPHALT CONCRETE	SY	77384.000
	AA3 0999- 16-	PARTNERING, DO NOT BID	LS	1.000
	AA3 0999- 20-	DISPUTES REVIEW BOARD, DO NOT BID	DA	35.000
	AA3 0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1.000
T	AA3 1050- 11-212	UTILITY PIPE, F&I, PVC, CASING / CONDUIT, 2-4.9"	LF	1613.000
T	AA3 1050- 11-213	UTILITY PIPE, F&I, PVC, CASING / CONDUIT, 5.0-7.9	LF	323.000
T	AA3 1050- 11-312	UTILITY PIPE, F&I, PE, CASING/CONDUIT, 2.0 - 4.9"	LF	1495.000
T	AA3 1050- 11-313	UTILITY PIPE, F&I, PE, CASING/CONDUIT, 5.0 - 7.9"	LF	2339.000

FLORIDA DEPARTMENT OF TRANSPORTATION

1 DATE: 02/06/07 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 8 A0002  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH , MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

0002 SUMMARY OF SIGNING		PAY ITEMS		
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	QUANTITY TOTAL
	AA1 0700- 40- 1	SIGN SINGLE POST- LESS THAN 12	AS	220.000
	AA1 0700- 40- 2	SIGN SINGLE POST- 12 TO 25	AS	37.000
	AA1 0700- 46- 11	SIGN EXISTING- REMOVE, SINGLE POST	AS	175.000
	AA1 0700- 46- 21	SIGN EXISTING- RELOCATE, SINGLE POST	AS	22.000
	AA1 0700- 48- 48	SIGN PANELS RELOCATE, 15 OR <	EA	252.000
	AA1 0700- 48- 58	SIGN PANELS, REPLACE, 15 OR LESS	EA	1.000
	AA1 0700- 48- 60	SIGN PANELS, REMOVE	EA	4.000
	AA1 0705- 71-	DELINEATOR- TUBULAR, FLEXIBLE	EA	11.000
	AA1 0706- 3-	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	1600.000
	AA1 0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND	SF	27.000
	AA1 0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISL	SF	153.000
	AA1 0710- 17-	PAINTED PAVEMENT MARKINGS, REMOVE	SF	550.000
	AA1 0711- 11-111	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	NM	6.881
	AA1 0711- 11-122	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	LF	1945.000
	AA1 0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	5288.000
	AA1 0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF	640.000
	AA1 0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	2286.000
	AA1 0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6"	LF	1726.000
	AA1 0711- 11-151	THERMOPLASTIC, STANDARD, WHITE, DOTTED GUIDELINE,	LF	2070.000
	AA1 0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	115.000
	AA1 0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	182.000
	AA1 0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINES	LF	22.000
	AA1 0711- 11-211	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	NM	5.968
	AA1 0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	6.000
	AA1 0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, SKIP, 6"	LF	3678.000
	AA1 0711- 11-251	THERMOPLASTIC, STANDARD, YELLOW, DOTTED / GUIDELI	LF	12.000
	AA2 0700- 40- 1	SIGN SINGLE POST- LESS THAN 12	AS	220.000
	AA2 0700- 40- 2	SIGN SINGLE POST- 12 TO 25	AS	37.000
	AA2 0700- 46- 11	SIGN EXISTING- REMOVE, SINGLE POST	AS	175.000
	AA2 0700- 46- 21	SIGN EXISTING- RELOCATE, SINGLE POST	AS	22.000
	AA2 0700- 48- 48	SIGN PANELS RELOCATE, 15 OR <	EA	252.000
	AA2 0700- 48- 58	SIGN PANELS, REPLACE, 15 OR LESS	EA	1.000
	AA2 0700- 48- 60	SIGN PANELS, REMOVE	EA	4.000
	AA2 0705- 71-	DELINEATOR- TUBULAR, FLEXIBLE	EA	11.000
	AA2 0706- 3-	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	1600.000
	AA2 0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND	SF	27.000
	AA2 0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISL	SF	153.000
	AA2 0710- 17-	PAINTED PAVEMENT MARKINGS, REMOVE	SF	550.000
	AA2 0711- 11-111	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	NM	6.881
	AA2 0711- 11-122	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	LF	1945.000
	AA2 0711- 11-122	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	LF	0.000
	AA2 0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF	640.000
	AA2 0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	2286.000

FLORIDA DEPARTMENT OF TRANSPORTATION

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		
01/29/07	MJM	ADDED ADDITIONAL ALTERNATE BID ITEMS, UPDATED PROPOSAL SUMMARY OF PAY ITEMS SHEETS. EOR HAS CHANGED.				5	
G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612							
			ROAD NO. COUNTY FINANCIAL PROJECT ID S.R. 45 HILLSBOROUGH 255853-1-52-01			<b>SUMMARY OF PAY ITEMS (4)</b>	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6815-23.003, F.A.C.



1 DATE: 12/07/06 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 6 A0003  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

0003 SUMMARY OF SIGNALIZATION			PAY ITEMS CONTINUED			
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL
	0700- 48- 19	SIGN PANELS, F & I, 16 - 100	EA	4.000 N	0.000	4.000
	0700- 48- 60	SIGN PANELS, REMOVE	EA	38.000 N	0.000	38.000
	0741- 70-111	TMS VEHICLE SENSOR, CLASS II, F&I, TYP, 1/2 LN	EA	11.000 N	0.000	11.000
	0745- 70- 12	TMS INDUCTIVE LOOP ASSEM, F&I, 2 LOOPS / LANE	AS	22.000 N	0.000	22.000
	0746- 71-132	TMS CABINET, F&I, TYPE III, PEDESTAL MNT, 2 BACKPL	EA	5.000 N	0.000	5.000

FLORIDA DEPARTMENT OF TRANSPORTATION

# VOID

REVISIONS						BIJAN BEHZADI, P.E. P.E. LICENSE NUMBER 43868 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  6
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							S.R. 45	HILLSBOROUGH	255853-1-52-01	

0002 SUMMARY OF SIGNING		PAY ITEMS CONTINUED		
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	QUANTITY TOTAL
	AA2 0711-11-141	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6"	LF	1726.000
	AA2 0711-11-151	THERMOPLASTIC, STANDARD, WHITE, DOTTED GUIDELINE,	LF	2070.000
	AA2 0711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	115.000
	AA2 0711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	182.000
	AA2 0711-11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINES	LF	22.000
	AA2 0711-11-211	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	NM	5.968
	AA2 0711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	6.000
	AA2 0711-11-241	THERMOPLASTIC, STANDARD, YELLOW, SKIP, 6"	LF	3678.000
	AA2 0711-11-251	THERMOPLASTIC, STANDARD, YELLOW, DOTTED / GUIDELI	LF	12.000
	AA3 0700-40-1	SIGN SINGLE POST- LESS THAN 12	AS	220.000
	AA3 0700-40-2	SIGN SINGLE POST- 12 TO 25	AS	37.000
	AA3 0700-46-11	SIGN EXISTING- REMOVE, SINGLE POST	AS	175.000
	AA3 0700-48-48	SIGN PANELS RELOCATE, 15 OR <	EA	252.000
	AA3 0700-48-58	SIGN PANELS, REPLACE, 15 OR LESS	EA	1.000
	AA3 0700-48-60	SIGN PANELS, REMOVE	EA	4.000
	AA3 0705-71-	DELINEATOR- TUBULAR, FLEXIBLE	EA	11.000
	AA3 0706-3-	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	1600.000
	AA3 0710-11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND	SF	27.000
	AA3 0710-11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISL	SF	153.000
	AA3 0710-17-	PAINTED PAVEMENT MARKINGS, REMOVE	SF	550.000
	AA3 0711-11-111	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	NM	6.881
	AA3 0711-11-122	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	LF	1945.000
	AA3 0711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	5288.000
	AA3 0711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF	640.000
	AA3 0711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	2286.000
	AA3 0711-11-141	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6"	LF	1726.000
	AA3 0711-11-151	THERMOPLASTIC, STANDARD, WHITE, DOTTED GUIDELINE,	LF	2070.000
	AA3 0711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	115.000
	AA3 0711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	182.000
	AA3 0711-11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINES	LF	22.000
	AA3 0711-11-211	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	NM	5.968
	AA3 0711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	5.000
	AA3 0711-11-241	THERMOPLASTIC, STANDARD, YELLOW, SKIP, 6"	LF	3678.000
	AA3 0711-11-251	THERMOPLASTIC, STANDARD, YELLOW, DOTTED / GUIDELI	LF	12.000

FLORIDA DEPARTMENT OF TRANSPORTATION

0003 SUMMARY OF SIGNALIZATION		PAY ITEMS		
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	QUANTITY TOTAL
	AA1 0555-1-1	DIRECTIONAL BORE, LESS THAN 6"	LF	1169.000
	AA1 0555-1-2	DIRECTIONAL BORE, 6" TO < 12"	LF	881.000
	AA1 0630-1-12	CONDUIT - SIGNALS, FURNISH & INSTALL, UNDERGROUND	LF	1237.000
	AA1 0630-1-13	CONDUIT - SIGNALS, FURNISH & INSTALL, UNDER PAVEM	LF	82.000
	AA1 0632-7-1	CABLE, SIGNAL, FURNISH & INSTALL	PI	3.000
	AA1 0632-8-131	CABLE, INTERCONNECT, PAIRS - DETERMINED BY CONTRA	LF	12467.000
	AA1 0632-8-211	CABLE, INTERCONNECT, 1- 25, F&I, AERIAL	LF	30.000
	AA1 0632-8-212	CABLE, INTERCONNECT, 1-25 PAIRS, F&I, UNDERGROUND	LF	306.000
	AA1 0635-1-11	PULL & JUNCTION BOXES, F&I, PULL BOX	EA	78.000
	AA1 0635-1-12	PULL & JUNCTION BOXES, F&I, AERIAL JUNCTION BOX	EA	4.000
	AA1 0639-1-22	SIGNALS, ELECTRICAL POWER SERVICE, UNDERGROUND,	AS	3.000
	AA1 0639-2-1	SIGNALS, ELECTRICAL SERVICE WIRE	LF	283.000
	AA1 0641-41-112	PREST CONC POLE, F&I - DIRECT BURIAL, TYPE N-II,	EA	3.000
	AA1 0649-416-004	M/ARM, F&I/HL, SGL ARM W/O LUM, 1ST ARM-B6,2ND-0,	EA	1.000
	AA1 0649-417-006	M/ARM, F&I/HL, SGL ARM W/O LUM, 1ST ARM-B7,2ND-0,	EA	2.000
	AA1 0650-51-313	TRAFFIC SIGNAL, F&I, 3 SECTIONS, 1 WAY, SPECIAL	AS	24.000
	AA1 0650-54-311	TRAFFIC SIGNAL, RELOCATE, 3 SECTION, 1 WAY, STAND	AS	32.000
	AA1 0653-191-	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 1 DIREC	AS	32.000
	AA1 0653-192-	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 2 DIREC	AS	32.000
	AA1 0659-101-	SIGNAL HEAD AUXILIARIES, F&I, BACK PLATES 3 SECT	EA	12.000
	AA1 0659-106-	SIGNAL HEAD AUXILIARIES, F&I, TUNNEL VISOR	EA	72.000
	AA1 0659-107-	SIGNAL HEAD AUXILIARIES, F&I, ALUMINUM PEDESTAL	EA	45.000
	AA1 0660-1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	7.000
	AA1 0660-2-101	LOOP ASSEMBLY- F&I, TYPE A	AS	27.000
	AA1 0660-2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	20.000
	AA1 0665-13-	PEDESTRIAN DETECTOR, F&I, DETECTOR WITH SIGN ONLY	EA	88.000
	AA1 0670-5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	3.000
	AA1 0670-5-410	TRAFFIC CONTROLLER ASSEMBLY, MODIFY, NEMA	AS	4.000
	AA1 0678-1-104	CONTROLLER ACCESSORIES, F&I, LOAD SWITCH	EA	4.000
	AA1 0690-10-	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EA	24.000
	AA1 0690-20-	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	50.000
	AA1 0690-31-	SIGNAL PEDESTAL REMOVAL	EA	8.000
	AA1 0690-32-1	POLE REMOVAL, SHALLOW, DIRECT BURIAL	EA	1.000
	AA1 0690-33-1	POLE REMOVAL, DEEP DIRECT BURIAL	LF	120.000
	AA1 0690-50-	CONTROLLER ASSEMBLY, REMOVE, COMPLETE ASSEMBLY	EA	3.000
	AA1 0690-60-	DETECTOR VEHICLE ASSEMBLY REMOVE	EA	8.000
	AA1 0690-70-	DETECTOR PEDESTRIAN ASSEMBLY REMOVE	EA	34.000
	AA1 0690-80-	SPAN WIRE ASSEMBLY, REMOVE	EA	3.000
	AA1 0690-90-	CONDUIT & CABLING REMOVE	PI	12.000
	AA1 0690-100-	SIGNAL EQUIPMENT MISCELLANEOUS REMOVE	PI	12.000
	AA1 0699-1-1	INTERNAL ILLUM SIGN, ST NAME	EA	4.000
	AA1 0700-46-25	SIGN EXISTING- RELOCATE, SPAN WIRE	AS	1.000
	AA1 0700-48-18	SIGN PANELS, F & I, 15 OR <	EA	62.000

FLORIDA DEPARTMENT OF TRANSPORTATION

<b>REVISIONS</b> DATE BY DESCRIPTION 01/29/07 MJM <b>ADDED ADDITIONAL ALTERNATE BID ITEMS, UPDATED PROPOSAL SUMMARY OF PAY ITEMS SHEETS. EOR HAS CHANGED.</b>		G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID S.R. 45 HILLSBOROUGH 255853-1-52-01	<b>SUMMARY OF PAY ITEMS (5)</b> SHEET NO. 6
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

1 DATE: 12/07/06 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 7 A0004  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH , MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

0004 SUMMARY OF UTILITIES			PAY ITEMS			
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL
T	1050-11-322	UTILITY PIPE, F&I, PE, WATER / SEWER, 2 - 4.9"	LF	0.000	14.000 N	14.000
T	1050-11-423	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 5 - 7.9"	LF	0.000	49.000 N	49.000
T	1050-11-424	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 8 - 19.9"	LF	0.000	40.000 N	40.000
T	1050-11-425	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 20 - 49.9"	LF	0.000	51.000 N	51.000
T	1050-16-002	UTILITY PIPE, REMOVE & DISPOSE, 2-4.9"	LF	0.000	14.000 N	14.000
T	1050-16-003	UTILITY PIPE, REMOVE & DISPOSE, 5-7.9"	LF	0.000	170.000 N	170.000
T	1050-16-004	UTILITY PIPE, REMOVE & DISPOSE, 8-19.9"	LF	0.000	38.000 N	38.000
T	1050-16-005	UTILITY PIPE, REMOVE & DISPOSE & DISPOSE, 20-49.9"	LF	0.000	51.000 N	51.000
T	1055-11-414	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 8 - 19.9"	EA	0.000	8.000 N	8.000
T	1055-11-415	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 20 - 49.9"	EA	0.000	8.000 N	8.000
T	1055-11-444	UTILITY FITTINGS, F&I, DI/CI, UNION, 8 - 19.9"	EA	0.000	4.000 N	4.000
T	1055-11-445	UTILITY FITTINGS, F&I, DI/CI, UNION, 20 - 49.9"	EA	0.000	3.000 N	3.000
T	1080-11-304	UTILITY FIXTURES, F&I, 5.0 - 7.9", VALVE ASSEMBLY	EA	0.000	1.000 N	1.000
T	1080-11-503	UTILITY FIXTURES, F&I, 20-49.9", TAPPING SADDLE/S	EA	0.000	1.000 N	1.000
T	1080-11-504	UTILITY FIXTURES, F&I, 20-49.9", VALVE ASSEMBLY	EA	0.000	2.000 N	2.000
T	1080-11-507	UTILITY FIXTURES, F&I, 20-49.9", LINE STOP ASSEMBLY	EA	0.000	2.000 N	2.000
T	1080-15-101	UTILITY FIXTURES, ADJUST & MODIFY, 0 - 1.9", VALVE	EA	0.000	122.000 N	122.000
T	1080-16-401	UTILITY FIXTURES, REMOVE & DISPOSE, 8 - 19.9", VALVE	EA	0.000	8.000 N	8.000
T	1644-136-08	FIRE HYDRANT, F&I, TRAFFIC, 3 WAY - 2 HOSE, 1PUMP	EA	0.000	2.000 N	2.000
T	1644-900-	FIRE HYDRANT, REMOVE	EA	0.000	10.000 N	10.000

**VOID**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6815-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS (6)	SHEET NO. 7
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

0003 SUMMARY OF SIGNALIZATION		PAY ITEMS CONTINUED		
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	QUANTITY TOTAL
	AA1 0700-48-19	SIGN PANELS, F & I, 16 - 100	EA	4.000
	AA1 0700-48-60	SIGN PANELS, REMOVE	EA	38.000
	AA1 0741-70-111	TMS VEHICLE SENSOR, CLASS II, F&I, TYP, 1/2 LN	EA	11.000
	AA1 0745-70-12	TMS INDUCTIVE LOOP ASSEM, F&I, 2 LOOPS / LANE	AS	22.000
	AA1 0746-71-132	TMS CABINET,F&I, TYPE III, PEDESTAL MNT, 2 BACKPL	EA	5.000
	AA2 0555-1-1	DIRECTIONAL BORE, LESS THAN 6"	LF	1169.000
	AA2 0555-1-2	DIRECTIONAL BORE, 6" TO < 12"	LF	881.000
	AA2 0630-1-12	CONDUIT - SIGNALS, FURNISH & INSTALL, UNDERGROUND	LF	1237.000
	AA2 0630-1-13	CONDUIT - SIGNALS, FURNISH & INSTALL, UNDER PAVEM	LF	82.000
	AA2 0632-7-1	CABLE, SIGNAL, FURNISH & INSTALL	PI	3.000
	AA2 0632-8-131	CABLE, INTERCONNECT, PAIRS - DETERMINED BY CONTRA	LF	12467.000
	AA2 0632-8-211	CABLE, INTERCONNECT, 1- 25, F&I, AERIAL	LF	30.000
	AA2 0632-8-212	CABLE, INTERCONNECT, 1-25 PAIRS, F&I, UNDERGROUND	LF	306.000
	AA2 0635-1-11	PULL & JUNCTION BOXES, F&I, PULL BOX	EA	78.000
	AA2 0635-1-12	PULL & JUNCTION BOXES, F&I, AERIAL JUNCTION BOX	EA	4.000
	AA2 0639-1-22	SIGNALS,ELECTRICAL POWER SERVICE,UNDERGROUND,	AS	3.000
	AA2 0639-2-1	SIGNALS, ELECTRICAL SERVICE WIRE	LF	283.000
	AA2 0641-41-112	PREST CONC POLE, F&I - DIRECT BURIAL, TYPE N-II,	EA	3.000
	AA2 0649-416-004	M/ARM, F&I/HL, SGL ARM W/O LUM, 1ST ARM-B6,2ND-0,	EA	1.000
	AA2 0649-417-006	M/ARM, F&I/HL, SGL ARM W/O LUM, 1ST ARM-B7,2ND-0,	EA	2.000
	AA2 0650-51-313	TRAFFIC SIGNAL, F&I, 3 SECTIONS, 1 WAY, SPECIAL	AS	24.000
	AA2 0650-54-311	TRAFFIC SIGNAL, RELOCATE, 3 SECTION, 1 WAY, STAND	AS	32.000
	AA2 0653-191-	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 1 DIREC	AS	32.000
	AA2 0653-192-	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 2 DIREC	AS	32.000
	AA2 0659-101-	SIGNAL HEAD AUXILIARIES, F&I, BACK PLATES 3 SECT	EA	12.000
	AA2 0659-106-	SIGNAL HEAD AUXILIARIES, F&I, TUNNEL VISOR	EA	72.000
	AA2 0659-107-	SIGNAL HEAD AUXILIARIES, F&I, ALUMINUM PEDESTAL	EA	45.000
	AA2 0660-1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	7.000
	AA2 0660-2-101	LOOP ASSEMBLY- F&I, TYPE A	AS	27.000
	AA2 0660-2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	20.000
	AA2 0665-13-	PEDESTRIAN DETECTOR, F&I, DETECTOR WITH SIGN ONLY	EA	88.000
	AA2 0670-5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	3.000
	AA2 0670-5-410	TRAFFIC CONTROLLER ASSEMBLY, MODIFY, NEMA	AS	4.000
	AA2 0678-1-104	CONTROLLER ACCESSORIES, F&I, LOAD SWITCH	EA	4.000
	AA2 0690-10-	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EA	24.000
	AA2 0690-20-	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	50.000
	AA2 0690-31-	SIGNAL PEDESTAL REMOVAL	EA	8.000
	AA2 0690-32-1	POLE REMOVAL, SHALLOW, DIRECT BURIAL	EA	1.000
	AA2 0690-33-1	POLE REMOVAL, DEEP DIRECT BURIAL	LF	120.000
	AA2 0690-50-	CONTROLLER ASSEMBLY, REMOVE, COMPLETE ASSEMBLY	EA	3.000
	AA2 0690-60-	DETECTOR VEHICLE ASSEMBLY REMOVE	EA	8.000
	AA2 0690-70-	DETECTOR PEDESTRIAN ASSEMBLY REMOVE	EA	34.000
	AA2 0690-80-	SPAN WIRE ASSEMBLY, REMOVE	EA	3.000

FLORIDA DEPARTMENT OF TRANSPORTATION

0003 SUMMARY OF SIGNALIZATION		PAY ITEMS CONTINUED		
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	QUANTITY TOTAL
	AA2 0690-100-	SIGNAL EQUIPMENT MISCELLANEOUS REMOVE	PI	12.000
	AA2 0690-90-	CONDUIT & CABLING REMOVE	PI	12.000
	AA2 0699-1-1	INTERNAL ILLUM SIGN, ST NAME	EA	4.000
	AA2 0700-46-25	SIGN EXISTING- RELOCATE, SPAN WIRE	AS	1.000
	AA2 0700-48-18	SIGN PANELS, F & I, 15 OR <	EA	62.000
	AA2 0700-48-19	SIGN PANELS, F & I, 16 - 100	EA	4.000
	AA2 0700-48-60	SIGN PANELS, REMOVE	EA	38.000
	AA2 0741-70-111	TMS VEHICLE SENSOR, CLASS II, F&I, TYP, 1/2 LN	EA	11.000
	AA2 0745-70-12	TMS INDUCTIVE LOOP ASSEM, F&I, 2 LOOPS / LANE	AS	22.000
	AA2 0746-71-132	TMS CABINET,F&I, TYPE III, PEDESTAL MNT, 2 BACKPL	EA	5.000
	AA3 0555-1-1	DIRECTIONAL BORE, LESS THAN 6"	LF	1169.000
	AA3 0555-1-2	DIRECTIONAL BORE, 6" TO < 12"	LF	881.000
	AA3 0630-1-12	CONDUIT - SIGNALS, FURNISH & INSTALL, UNDERGROUND	LF	1237.000
	AA3 0630-1-13	CONDUIT - SIGNALS, FURNISH & INSTALL, UNDER PAVEM	LF	82.000
	AA3 0632-7-1	CABLE, SIGNAL, FURNISH & INSTALL	PI	3.000
	AA3 0632-8-131	CABLE, INTERCONNECT, PAIRS - DETERMINED BY CONTRA	LF	12467.000
	AA3 0632-8-211	CABLE, INTERCONNECT, 1- 25, F&I, AERIAL	LF	30.000
	AA3 0632-8-212	CABLE, INTERCONNECT, 1-25 PAIRS, F&I, UNDERGROUND	LF	306.000
	AA3 0635-1-11	PULL & JUNCTION BOXES, F&I, PULL BOX	EA	78.000
	AA3 0635-1-12	PULL & JUNCTION BOXES, F&I, AERIAL JUNCTION BOX	EA	4.000
	AA3 0639-1-22	SIGNALS,ELECTRICAL POWER SERVICE,UNDERGROUND,	AS	3.000
	AA3 0639-2-1	SIGNALS, ELECTRICAL SERVICE WIRE	LF	283.000
	AA3 0641-41-112	PREST CONC POLE, F&I - DIRECT BURIAL, TYPE N-II,	EA	3.000
	AA3 0649-416-004	M/ARM, F&I/HL, SGL ARM W/O LUM, 1ST ARM-B6,2ND-0,	EA	1.000
	AA3 0649-417-006	M/ARM, F&I/HL, SGL ARM W/O LUM, 1ST ARM-B7,2ND-0,	EA	2.000
	AA3 0650-51-313	TRAFFIC SIGNAL, F&I, 3 SECTIONS, 1 WAY, SPECIAL	AS	24.000
	AA3 0650-54-311	TRAFFIC SIGNAL, RELOCATE, 3 SECTION, 1 WAY, STAND	AS	32.000
	AA3 0653-191-	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 1 DIREC	AS	32.000
	AA3 0653-192-	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 2 DIREC	AS	32.000
	AA3 0659-101-	SIGNAL HEAD AUXILIARIES, F&I, BACK PLATES 3 SECT	EA	12.000
	AA3 0659-106-	SIGNAL HEAD AUXILIARIES, F&I, TUNNEL VISOR	EA	72.000
	AA3 0659-107-	SIGNAL HEAD AUXILIARIES, F&I, ALUMINUM PEDESTAL	EA	45.000
	AA3 0660-1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	7.000
	AA3 0660-2-101	LOOP ASSEMBLY- F&I, TYPE A	AS	27.000
	AA3 0660-2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	20.000
	AA3 0665-13-	PEDESTRIAN DETECTOR, F&I, DETECTOR WITH SIGN ONLY	EA	88.000
	AA3 0670-5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	3.000
	AA3 0670-5-410	TRAFFIC CONTROLLER ASSEMBLY, MODIFY, NEMA	AS	4.000
	AA3 0678-1-104	CONTROLLER ACCESSORIES, F&I, LOAD SWITCH	EA	4.000
	AA3 0690-10-	SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	EA	24.000
	AA3 0690-20-	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	50.000
	AA3 0690-31-	SIGNAL PEDESTAL REMOVAL	EA	8.000
	AA3 0690-32-1	POLE REMOVAL, SHALLOW, DIRECT BURIAL	EA	1.000

FLORIDA DEPARTMENT OF TRANSPORTATION

<b>REVISIONS</b> DATE BY DESCRIPTION 01/29/07 MJM  ADDED ADDITIONAL ALTERNATE BID ITEMS, UPDATED PROPOSAL SUMMARY OF PAY ITEMS SHEETS.		G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID S.R. 45 HILLSBOROUGH 255853-1-52-01	SHEET NO. 7
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**SUMMARY OF PAY ITEMS (6)**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

0003 SUMMARY OF SIGNALIZATION		PAY ITEMS CONTINUED		
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN IT	QUANTITY TOTAL
	AA3 0690- 33- 1	POLE REMOVAL, DEEP DIRECT BURIAL	LF	120.000
	AA3 0690- 50-	CONTROLLER ASSEMBLY, REMOVE, COMPLETE ASSEMBLY	EA	3.000
	AA3 0690- 60-	DETECTOR VEHICLE ASSEMBLY REMOVE	EA	8.000
	AA3 0690- 70-	DETECTOR PEDESTRIAN ASSEMBLY REMOVE	EA	34.000
	AA3 0690- 80-	SPAN WIRE ASSEMBLY, REMOVE	EA	3.000
	AA3 0690- 90-	CONDUIT & CABLING REMOVE	PI	12.000
	AA3 0690-100-	SIGNAL EQUIPMENT MISCELLANEOUS REMOVE	PI	12.000
	AA3 0699- 1- 1	INTERNAL ILLUM SIGN, ST NAME	EA	4.000
	AA3 0700- 46- 25	SIGN EXISTING- RELOCATE, SPAN WIRE	AS	1.000
	AA3 0700- 48- 18	SIGN PANELS, F & I, 15 OR <	EA	62.000
	AA3 0700- 48- 19	SIGN PANELS, F & I, 16 - 100	EA	4.000
	AA3 0700- 48- 60	SIGN PANELS, REMOVE	EA	38.000
	AA3 0741- 70-111	TMS VEHICLE SENSOR, CLASS II, F&I, TYP, 1/2 LN	EA	11.000
	AA3 0745- 70- 12	TMS INDUCTIVE LOOP ASSEM, F&I, 2 LOOPS / LANE	AS	22.000
	AA3 0746- 71-132	TMS CABINET,F&I, TYPE III, PEDESTAL MNT, 2 BACKPL	EA	5.000

FLORIDA DEPARTMENT OF TRANSPORTATION

0004 SUMMARY OF UTILITIES		PAY ITEMS		
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN IT	QUANTITY TOTAL
T	AA1 1050- 11-322	UTILITY PIPE, F&I, PE, WATER / SEWER, 2 - 4.9"	LF	0.000
T	AA1 1050- 11-423	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 5 - 7.9"	LF	0.000
T	AA1 1050- 11-424	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 8 - 19.9"	LF	0.000
T	AA1 1050- 11-425	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 20 - 49.9"	LF	0.000
T	AA1 1050- 16-002	UTILITY PIPE, REMOVE & DISPOSE, 2-4.9"	LF	0.000
T	AA1 1050- 16-003	UTILITY PIPE, REMOVE & DISPOSE, 5-7.9"	LF	0.000
T	AA1 1050- 16-004	UTILITY PIPE, REMOVE & DISPOSE, 8-19.9"	LF	0.000
T	AA1 1050- 16-005	UTILITY PIPE, REMOVE & DISPOSE & DISPOSE, 20-49.9"	LF	0.000
T	AA1 1055- 11-414	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 8 - 19.9"	EA	0.000
T	AA1 1055- 11-415	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 20 - 49.9"	EA	0.000
T	AA1 1055- 11-444	UTILITY FITTINGS, F&I, DI/CI, UNION, 8 - 19.9"	EA	0.000
T	AA1 1055- 11-445	UTILITY FITTINGS, F&I, DI/CI, UNION, 20 - 49.9"	EA	0.000
T	AA1 1080- 11-304	UTILITY FIXTURES, F&I, 5.0 - 7.9", VALVE ASSEMBL	EA	0.000
T	AA1 1080- 11-503	UTILITY FIXTURES, F&I, 20-49.9", TAPPING SADDLE/S	EA	0.000
T	AA1 1080- 11-504	UTILITY FIXTURES, F&I, 20-49.9", VALVE ASSEMBLY	EA	0.000
T	AA1 1080- 11-507	UTILITY FIXTURES, F&I, 20-49.9", LINE STOP ASSEMB	EA	0.000
T	AA1 1080- 15-101	UTILITY FIXTURES, ADJUST & MODIFY, 0 -1.9", VALVE	EA	0.000
T	AA1 1080- 16-401	UTILITY FIXTURES, REMOVE & DISPOSE, 8 -19.9", VALV	EA	0.000
T	AA1 1644-136- 08	FIRE HYDRANT, F&I, TRAFFIC, 3 WAY - 2 HOSE, 1PUMP	EA	0.000
T	AA1 1644-900-	FIRE HYDRANT, REMOVE	EA	0.000
T	AA2 1050- 11-322	UTILITY PIPE, F&I, PE, WATER / SEWER, 2 - 4.9"	LF	0.000
T	AA2 1050- 11-423	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 5 - 7.9"	LF	0.000
T	AA2 1050- 11-424	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 8 - 19.9"	LF	0.000
T	AA2 1050- 11-425	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 20 - 49.9"	LF	0.000
T	AA2 1050- 16-002	UTILITY PIPE, REMOVE & DISPOSE, 2-4.9"	LF	0.000
T	AA2 1050- 16-003	UTILITY PIPE, REMOVE & DISPOSE, 5-7.9"	LF	0.000
T	AA2 1050- 16-004	UTILITY PIPE, REMOVE & DISPOSE, 8-19.9"	LF	0.000
T	AA2 1050- 16-005	UTILITY PIPE, REMOVE & DISPOSE & DISPOSE, 20-49.9"	LF	0.000
T	AA2 1055- 11-414	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 8 - 19.9"	EA	0.000
T	AA2 1055- 11-415	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 20 - 49.9"	EA	0.000
T	AA2 1055- 11-444	UTILITY FITTINGS, F&I, DI/CI, UNION, 8 - 19.9"	EA	0.000
T	AA2 1055- 11-445	UTILITY FITTINGS, F&I, DI/CI, UNION, 20 - 49.9"	EA	0.000
T	AA2 1080- 11-304	UTILITY FIXTURES, F&I, 5.0 - 7.9", VALVE ASSEMBL	EA	0.000
T	AA2 1080- 11-503	UTILITY FIXTURES, F&I, 20-49.9", TAPPING SADDLE/S	EA	0.000
T	AA2 1080- 11-504	UTILITY FIXTURES, F&I, 20-49.9", VALVE ASSEMBLY	EA	0.000
T	AA2 1080- 11-507	UTILITY FIXTURES, F&I, 20-49.9", LINE STOP ASSEMB	EA	0.000
T	AA2 1080- 15-101	UTILITY FIXTURES, ADJUST & MODIFY, 0 -1.9", VALVE	EA	0.000
T	AA2 1080- 16-401	UTILITY FIXTURES, REMOVE & DISPOSE, 8 -19.9", VALV	EA	0.000
T	AA2 1644-136- 08	FIRE HYDRANT, F&I, TRAFFIC, 3 WAY - 2 HOSE, 1PUMP	EA	0.000
T	AA2 1644-900-	FIRE HYDRANT, REMOVE	EA	0.000
T	AA3 1050- 11-322	UTILITY PIPE, F&I, PE, WATER / SEWER, 2 - 4.9"	LF	0.000
T	AA3 1050- 11-423	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 5 - 7.9"	LF	0.000
T	AA3 1050- 11-424	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 8 - 19.9"	LF	0.000

FLORIDA DEPARTMENT OF TRANSPORTATION

REVISIONS				G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 7A
DATE	BY	DESCRIPTION	DATE		BY	DESCRIPTION		
01/29/07	MJM	ADDED ADDITIONAL ALTERNATE BID ITEMS, UPDATED PROPOSAL SUMMARY OF PAY ITEMS SHEETS. ADDED SHEET 7A.						

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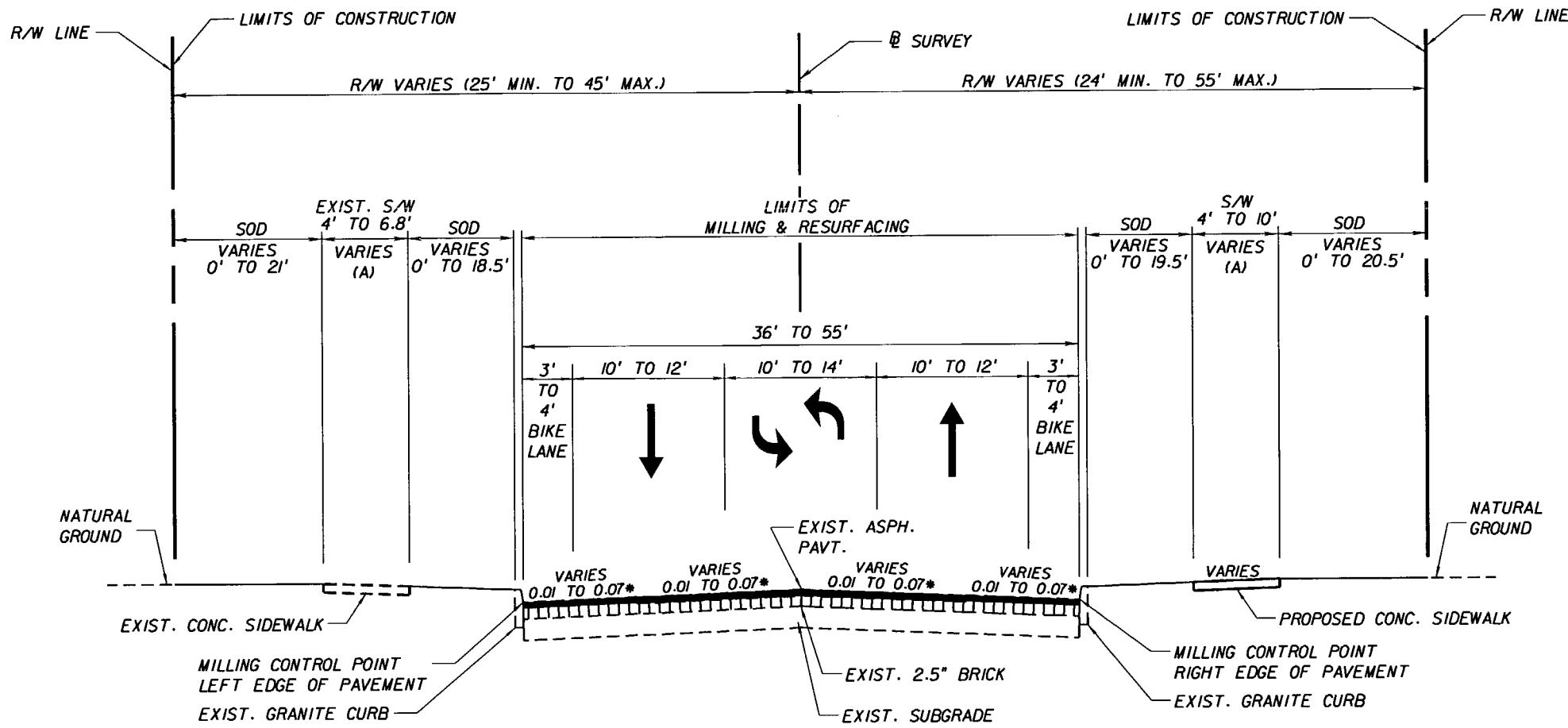


1 DATE: 02/06/07 PROPOSAL SUMMARY OF PAY ITEMS PAGE: 15 A0004  
 PROPOSAL : T7148 LEAD PROJECT : 25585315201 COUNTY : HILLSBOROUGH, MANDIST: 07  
 PROJECT(S): 25585315201 COUNTY/SECTION: 10040000  
 25585315601 10040000

0004 SUMMARY OF UTILITIES			PAY ITEMS CONTINUED				
ALT	ITEM NUMBER	ITEM DESCRIPTION	UN	25585315201	25585315601	QUANTITY TOTAL	
T	AA3	1050- 11-425	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 20 - 49.	LF	0.000	51.000	51.000
T	AA3	1050- 16-002	UTILITY PIPE, REMOVE & DISPOSE, 2-4.9"	LF	0.000	14.000	14.000
T	AA3	1050- 16-003	UTILITY PIPE, REMOVE & DISPOSE, 5-7.9"	LF	0.000	170.000	170.000
T	AA3	1050- 16-004	UTILITY PIPE, REMOVE & DISPOSE, 8-19.9"	LF	0.000	38.000	38.000
T	AA3	1050- 16-005	UTILITY PIPE, REMOVE & DISPOSE & DISPOSE, 20-49.9"	LF	0.000	51.000	51.000
T	AA3	1055- 11-414	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 8 - 19.9"	EA	0.000	8.000	8.000
T	AA3	1055- 11-415	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 20 - 49.9"	EA	0.000	8.000	8.000
T	AA3	1055- 11-444	UTILITY FITTINGS, F&I, DI/CI, UNION, 8 - 19.9"	EA	0.000	4.000	4.000
T	AA3	1055- 11-445	UTILITY FITTINGS, F&I, DI/CI, UNION, 20 - 49.9"	EA	0.000	3.000	3.000
T	AA3	1080- 11-304	UTILITY FIXTURES, F&I, 5.0 - 7.9", VALVE ASSEMBL	EA	0.000	1.000	1.000
T	AA3	1080- 11-503	UTILITY FIXTURES, F&I, 20-49.9", TAPPING SADDLE/S	EA	0.000	1.000	1.000
T	AA3	1080- 11-504	UTILITY FIXTURES, F&I, 20-49.9", VALVE ASSEMBLY	EA	0.000	2.000	2.000
T	AA3	1080- 11-507	UTILITY FIXTURES, F&I, 20-49.9", LINE STOP ASSEMB	EA	0.000	2.000	2.000
T	AA3	1080- 15-101	UTILITY FIXTURES, ADJUST & MODIFY, 0 -1.9", VALVE	EA	0.000	122.000	122.000
T	AA3	1080- 16-401	UTILITY FIXTURES, REMOVE & DISPOSE, 8 -19.9", VALV	EA	0.000	8.000	8.000
T	AA3	1644-136- 08	FIRE HYDRANT, F&I, TRAFFIC, 3 WAY - 2 HOSE, 1PUMP	EA	0.000	2.000	2.000
T	AA3	1644-900-	FIRE HYDRANT, REMOVE	EA	0.000	10.000	10.000

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REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS (8)	SHEET NO. 7B
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
01/29/07	NJM	△ ADDED ADDITIONAL ALTERNATE BID ITEMS, UPDATED PROPOSAL SUMMARY OF PAY ITEMS SHEETS. ADDED SHEET 7B.				S.R. 45	HILLSBOROUGH	255853-1-52-01			



**TYPICAL SECTION  
SR 45 (NEBRASKA AVENUE)**

**OPTION AA1  
STA. 98+70.00 TO STA. 264+01.71  
MAINLINE MILLING AND RESURFACING**

MILL EXISTING ASPHALT PAVEMENT (2.5" AVERAGE DEPTH) AND RESURFACE WITH TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (1.5") (PG 76-22) AND FRICTION COURSE FC-9.5 (1.0") (RUBBER)

**SEE PLAN SHEETS FOR LIMITS  
SIDESTREET MILLING AND RESURFACING**

MILL EXISTING ASPHALT PAVEMENT (1.0" AVERAGE DEPTH) AND RESURFACE WITH FRICTION COURSE FC-9.5 (1.0") (RUBBER)

**SEE PLAN SHEETS FOR LIMITS  
FULL DEPTH RECONSTRUCTION**

OPTIONAL BASE GROUP 6 (TYPE B-12.5 ONLY) WITH TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (2.5") AND FRICTION COURSE FC-9.5 (1.0") (RUBBER)

**OPTION AA2  
STA. 98+70.00 TO STA. 264+01.71  
MAINLINE MILLING AND RESURFACING WITH  
REWORKED ASPHALT CONCRETE**

MILL EXISTING ASPHALT PAVEMENT (1.0" AVERAGE DEPTH) CONSTRUCT REWORKED ASPHALT CONCRETE (2.0" AVERAGE DEPTH) AND FRICTION COURSE FC-9.5 (1.0") (RUBBER)

**SEE PLAN SHEETS FOR LIMITS  
SIDESTREET MILLING AND RESURFACING**

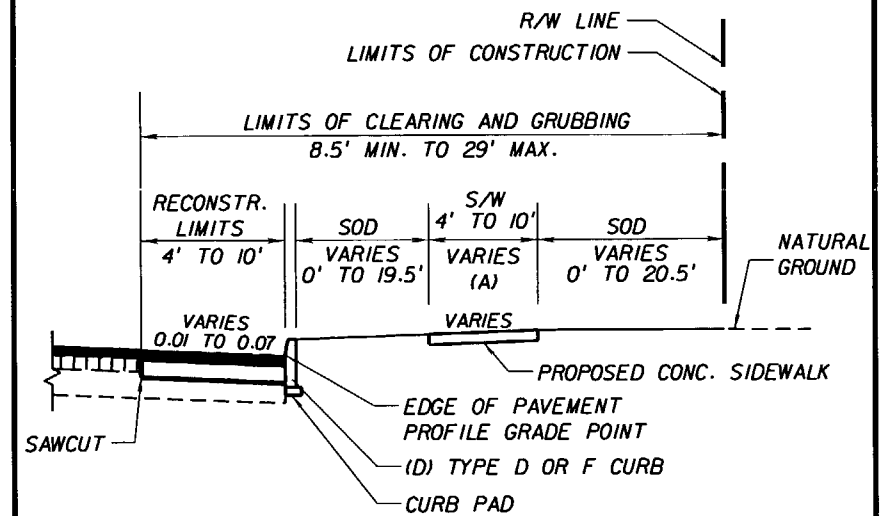
MILL EXISTING ASPHALT PAVEMENT (1.0" AVERAGE DEPTH) AND RESURFACE WITH FRICTION COURSE FC-9.5 (1.0") (RUBBER)

**SEE PLAN SHEETS FOR LIMITS  
FULL DEPTH RECONSTRUCTION**

OPTIONAL BASE GROUP 6 (TYPE B-12.5 ONLY) WITH TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (2.5") AND FRICTION COURSE FC-9.5 (1.0") (RUBBER)

\* CROSS SLOPE CORRECTION IS ONLY REQUIRED WHEN EXISTING CROSS SLOPES ARE OUTSIDE OF THE SPECIFIED RANGE.

**RECONSTRUCTION TYPICAL DETAIL**



SEE PLANS SHEETS FOR LIMITS

**TRAFFIC DATA**

CURRENT YEAR = 2006 AADT = 19,700  
 ESTIMATED OPENING YEAR = 2009 AADT = 21,000  
 ESTIMATED YEAR = 2023 AADT = 27,700  
 K = 9.78  
 T = 5.00% (24 HOUR)  
 DESIGN SPEED = 45 MPH  
 POSTED SPEED = 35 MPH

**VOID**

- (A) REFER TO ROADWAY PLAN SHEETS AND SUMMARY OF QUANTITIES FOR PROPOSED SIDEWALK LOCATIONS.
- (B) THE TYPICAL SECTION SHOWN MAY NOT BE REPRESENTATIVE OF THE ACTUAL CONDITIONS AT ALL LOCATIONS OF THE PROJECT. VARIABLE CONDITIONS WILL BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- (C) REFER TO ROADWAY PLAN SHEETS AND SUMMARY OF QUANTITIES FOR PROPOSED TYPE D OR F CURB PAD. FOR LOCATIONS FOR CURB PAD DETAILS, REFER TO RECONSTRUCTION DETAIL AND TYPE D CURB DETAIL.
- (D) SOD SHALL BE PLACED IN ALL AREAS WITHIN THE RIGHT OF WAY WHICH ARE NOT PAVED.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  8
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							S.R. 45	HILLSBOROUGH	255853-1-52-01	

<b>Roadway - As-Built Pavement Data (LIMS)</b>		
Date <u>7/14/08</u>	Page No. <u>1</u> of <u>4</u>	LIMS ID <u>0800106208</u>
Project ID: <u>255853-1-52-01</u>	Pay Item No.: <u>101-1</u>	Material ID.: <u>PROABS</u>
Level of Testing: <u>V</u>	Material ID (On Spec): <u>334</u>	Sample Level: <u>V</u> Manfr or Prod: <u>LANE CONST.</u>
Destination LabID: <u>E01012</u>	Date Sampled: <u>7/14/08</u>	Sample No.: <u>0001 V</u> Sta. From: <u>103+69</u>
Sta. To: <u>264+64</u>	Sampled By: <u>B625517578</u>	Unit of Measure <u>TN</u> Plant No.: <u>A0758</u>
Design Mix No.: <u>SP06-3928A, SP06-5671B, SP06-4873A</u>		Intended Use <u>R1</u>

Pavement Information (Enter Only New Pavement Layers - Start With First Pavement Layer Placed)					
Milling Depth	Layer Number	Subgrade (if new)	Base (if new)	1	2
		Layer Code		<u>B12.5B</u>	<u>SP12.5C</u>
	Approx. Thickness in./mm		<u>5.0</u>	<u>2.5</u>	<u>1.0</u>

Layer Number	3	4	5	6	7
Layer Code					
Approx. Thickness in./mm					

Remarks:

THIS REPORT REPRESENTS THE LIMITS OF RECONSTRUCTION TYPICAL DETAIL (FULL DEPTH). THE FULL DEPTH RECONSTRUCTION DO NOT EXTEND THE FULL LENGTH OF THIS REPORT - BUT FOR SMALLER AREA'S WITHIN THE LIMITS OF THIS REPORT. FOR EXACT LOCATION SEE PLAN SHEET #8

PLANTS APPROVED = A0758, A0741, A0729

0800106208

PROJECT NO. 25585315201 PAY ITEM NO. 2 101 1  
 MATERIAL NO. PROABS SAMPLE NO. 0001V  
 DATE SAMPLED 7/14/08 12:00 am STA FROM 103+69  
 STA TO 261+64 SAMP FROM \_\_\_\_\_  
 RDWAY SIDE R OFFSET DISTANCE 00 OFFSET DIRECTION \_\_\_\_\_ MAINLINE Y  
 REFERENCE LINE BLCONSTRUCT  
 PLANT OR PIT NO. \_\_\_\_\_ QUANTITY REP 0.00 Unit of Measure: TN  
 INTENDED USE OR PART OF STRUCTURE PLACED R1

ROAD NO. SR45 DISTRICT NO. 07 COUNTY 10 Hillsborough SECTION 040  
 CONTRACT T7148 SAMPLED BY B62551757-000

MATERIAL DESCRIPTION Roadway - As-Built Pavement Data  
 SOURCE (PLACE FROM WHICH SHIPMENT WAS MADE) \_\_\_\_\_  
 MANUFACTURER OR PRODUCER: LANE CONSTRUCTION  
 LOT NO. \_\_\_\_\_ SUBLOT: \_\_\_\_\_ BATCH NO.: \_\_\_\_\_ DESIGN MIX NO. \_\_\_\_\_  
 LIMS SAMPLE ID: 0800106208 LAB NO. E01012 QPL PRODUCT ID \_\_\_\_\_

REMARKS PAVEMENT DATA SHEETS  
 SUBMITTED BY KIM BRIGHAM PHONE 813-267-4655  
 ADDRESS 707 E. COLUMBUS DR. TAMPA FL

Roadway - As-Built Pavement Data (LIMS)			
Date 7/14/08	Page No. 2 of 4	LIMS ID 0800106209	
Project ID: 255853-1-62-01	Pay Item No: 101-1	Material ID: PROABS	
Level of Testing: V	Material ID (On Spec): 334	Sample Level: V	Manfr or Prod: LANE CONST
Destination LabID: E01012	Date Sampled: 7/14/08	Sample No.: 0002V	Sta. From: 103+69
Sta. To: 264+64	Sampled By: B625517578	Unit of Measure: TN	Plant No.: A0758
Design Mix No.: SP06-3928A, SP06-5677B, SP06-4873A			Intended Use: L1

Pavement Information (Enter Only New Pavement Layers - Start With First Pavement Layer Placed)					
Milling Depth	Layer Number	Subgrade (if new)	Base (if new)	1	2
		Layer Code		B12.5B	SP12.5C
	Approx. Thickness in./mm		5.0	2.5	1.0

Layer Number	3	4	5	6	7
Layer Code					
Approx. Thickness in./mm					

Remarks: RECONSTRUCTION (Full Depth) TYPICAL DETAIL  
 THIS REPORT REPRESENTS FULL DEPTH RECONSTRUCTION ON THE LEFT ROADWAY OF THE PROJECT, RECONSTRUCTION DOES NOT EXTEND THE FULL LIMITS OF THIS REPORT, BUT FOR SMALLER AREAS WITHIN THE LIMITS OF THIS REPORT, FOR EXACT LOCATIONS SEE PLAN SHEET #8.  
 PLANTS APPROVED = A0758, A0741, A0729

0800106209

PROJECT NO. 25585315201 PAY ITEM NO. 2 101 1  
 MATERIAL NO. PROABS SAMPLE NO. 0002V  
 DATE SAMPLED 7/14/08 12:00 am STA FROM 103+69  
 STA TO 261+64 SAMP FROM \_\_\_\_\_  
 RDWAY SIDE L OFFSET DISTANCE 00 OFFSET DIRECTION \_\_\_\_\_ MAINLINE Y  
 REFERENCE LINE BLCONSTRUCT  
 PLANT OR PIT NO. \_\_\_\_\_ QUANTITY REP 0.00 Unit of Measure: TN  
 INTENDED USE OR PART OF STRUCTURE PLACED L1

ROAD NO. SR45 DISTRICT NO. 07 COUNTY 10 Hillsborough SECTION 040  
 CONTRACT T7148 SAMPLED BY B62551757-000  
 MATERIAL DESCRIPTION Roadway - As-Built Pavement Data  
 SOURCE (PLACE FROM WHICH SHIPMENT WAS MADE) \_\_\_\_\_  
 MANUFACTURER OR PRODUCER: LANE CONSTRUCTION  
 LOT NO. \_\_\_\_\_ SUBLOT: \_\_\_\_\_ BATCH NO.: \_\_\_\_\_ DESIGN MIX NO. \_\_\_\_\_  
 LIMS SAMPLE ID: 0800106209 LAB NO. E01012 QPL PRODUCT ID \_\_\_\_\_

REMARKS

SUBMITTED BY KIM BRIGHAM PHONE 813-267-4655  
 ADDRESS 707 E. COLUMBUS DR. TAMPA FL



LAB ID = E01012 URS

Roadway - As-Built Pavement Data (LIMS)					
Date 7/14/08 Page No. 3 of 4				LIMS ID 0800106210	
Project ID: 255853-1-52-01		Pay Item No.: 101-1		Material ID: PROABS	
Level of Testing: V		Material ID (On Spec): 334	Sample Level: V	Manfr or Prod: LANE CONST.	
Destination LabID: E01012		Date Sampled: 7/14/08	Sample No.: 0003V	Sta. From: 98+70	
Sta. To: 264+00		Sampled By: B625517578	Unit of Measure: TN	Plant No.: A0758	
Design Mix No.: SPM 07-5 267A, SPM 5267B, SP07-5501A, SP05-4225A Intended Use LI					

Pavement Information (Enter Only New Pavement Layers - Start With First Pavement Layer Placed)					
Milling Depth	Layer Number	Subgrade (if new)	Base (if new)	1	2
		Layer Code			SP12.5CM
2.5"	Approx. Thickness in./mm			1.5"	1.0"

Layer Number	3	4	5	6	7
Layer Code					
Approx. Thickness in./mm					

Remarks: MILLING & RESURFACING TYPICAL DETAIL (MAINLINE)  
 THIS REPORT REPRESENTS MAINLINE TYPICAL SECTION  
 OF PROJECT. LEFT ROADWAY, SEE PLAN SHEET #8

PLANTS APPROVED = A0758, A0741, A0729

0800106210

PROJECT NO. 25585315201 PAY ITEM NO. 2 101 1  
 MATERIAL NO. PROABS SAMPLE NO. 0003V  
 DATE SAMPLED 7/14/08 12:00 am STA FROM 98+70  
 STA TO 264+64 SAMP FROM \_\_\_\_\_  
 RDWAY SIDE L OFFSET DISTANCE 00 OFFSET DIRECTION \_\_\_\_\_ MAINLINE Y  
 REFERENCE LINE BLCONSTRUCT  
 PLANT OR PIT NO. \_\_\_\_\_ QUANTITY REP 0.00 Unit of Measure: TN  
 INTENDED USE OR PART OF STRUCTURE PLACED L1

ROAD NO. SR45 DISTRICT NO. 07 COUNTY 10 Hillsborough SECTION 040  
 CONTRACT T7148 SAMPLED BY B62551757-000  
 MATERIAL DESCRIPTION Roadway - As-Built Pavement Data  
 SOURCE (PLACE FROM WHICH SHIPMENT WAS MADE) \_\_\_\_\_  
 MANUFACTURER OR PRODUCER: LANECONSTRUCTION  
 LOT NO. \_\_\_\_\_ SUBLOT: \_\_\_\_\_ BATCH NO.: \_\_\_\_\_ DESIGN MIX NO. \_\_\_\_\_  
 LIMS SAMPLE ID: 0800106210 LAB NO. E01012 QPL PRODUCT ID \_\_\_\_\_

## REMARKS

SUBMITTED BY KIM BRIGHAM PHONE 813-267-4655  
 ADDRESS 707 E. COLUMBUS DR. TAMPA FL

LAB ID = E-01012 URS

Roadway - As-Built Pavement Data (LIMS)			
Date <u>7/14/08</u>	Page No. <u>4 of 4</u>	LIMS ID <u>0800106219</u>	
Project ID: <u>255853-1-52-01</u>	Pay Item No.: <u>101-1</u>	Material ID: <u>PROABS</u>	
Level of Testing: <u>V</u>	Material ID (On Spec): <u>334</u>	Sample Level: <u>V</u>	Manfr or Prod: <u>LANE CONST.</u>
Destination LabID: <u>E01012</u>	Date Sampled: <u>7/14/08</u>	Sample No.: <u>0004V</u>	Sta. From: <u>98+70</u>
Sta. To: <u>264+64</u>	Sampled By: <u>B625517578</u>	Unit of Measure: <u>TN</u>	Plant No.: <u>A0758, A0741</u>
Design Mix No.: <u>SP07-5267A, SPM07-5267B, SP07-5501A, SPO5-4225A</u>			Intended Use <u>R1</u>

Pavement Information (Enter Only New Pavement Layers - Start With First Pavement Layer Placed)					
Milling Depth	Layer Number	Subgrade (if new)	Base (if new)	1	2
		Layer Code			<u>SP12.5CM</u>
<u>2.5"</u>	Approx. Thickness in./mm			<u>1.5</u>	<u>1.0</u>

Layer Number	3	4	5	6	7
Layer Code					
Approx. Thickness in./mm					

Remarks: MILLING & RESURFACING TYPICAL DETAIL (MAINLINE)  
THIS REPORT REPRESENTS MAINLINE TYPICAL SECTION OF PROJECT  
FOR RIGHT ROADWAY. SEE PLAN SHEET # 8

PLANTS APPROVED = A0758, A0741, A0729

0800106219

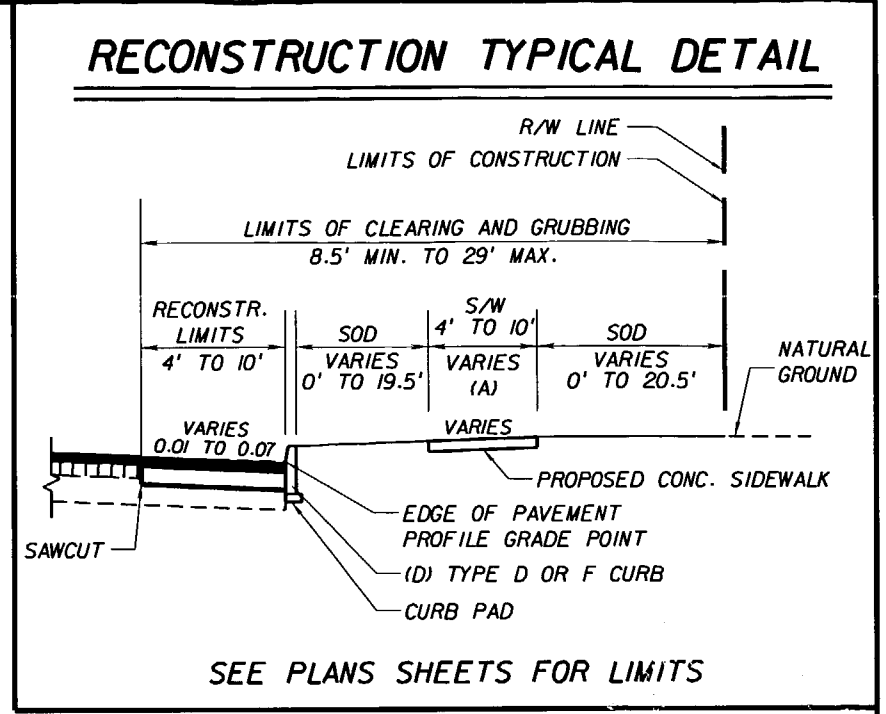
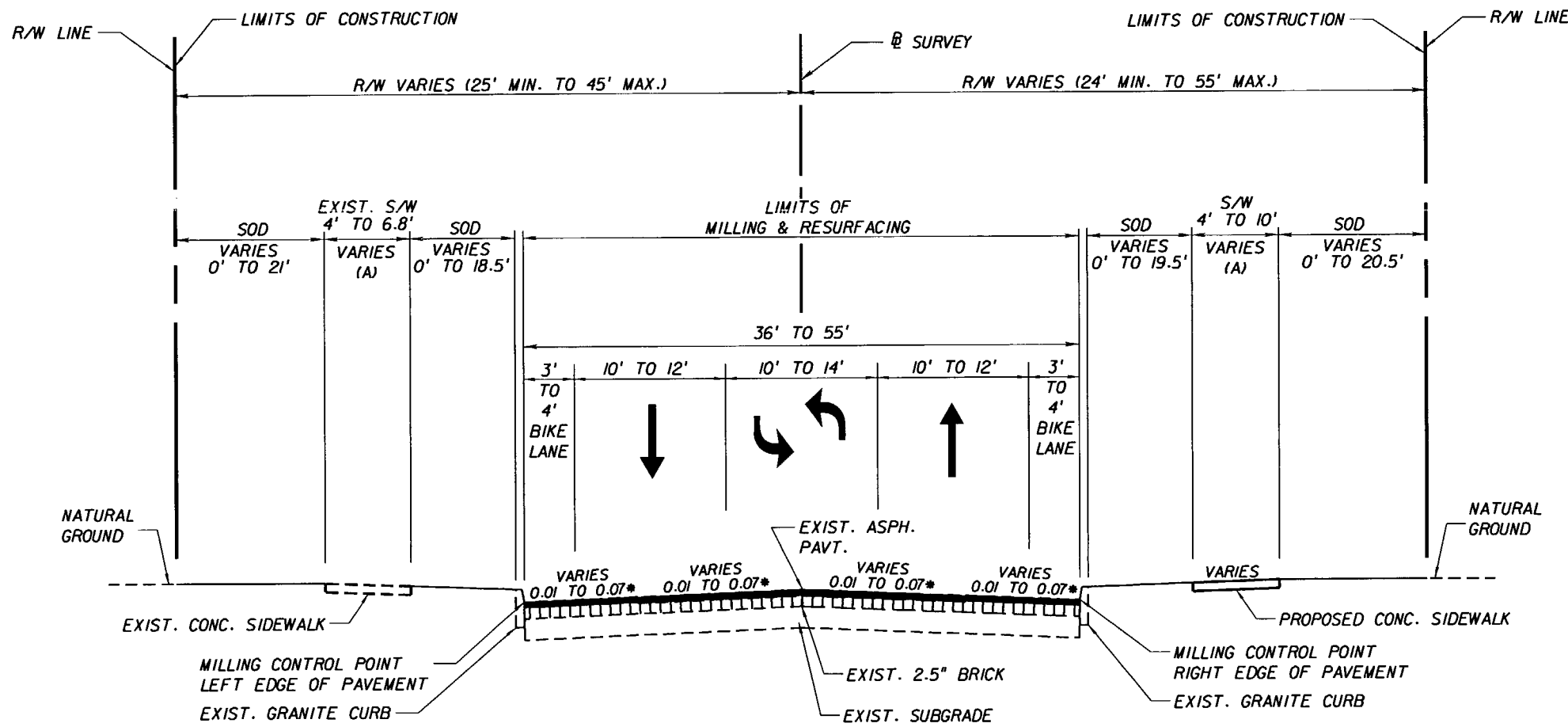
PROJECT NO. 25585315201 PAY ITEM NO. 2 101 1  
 MATERIAL NO. PROABS SAMPLE NO. 0004V  
 DATE SAMPLED 7/14/08 12:00 am STA FROM 98+70  
 STA TO 261+64 SAMP FROM \_\_\_\_\_  
 RDWAY SIDE R OFFSET DISTANCE \_\_\_\_\_ OFFSET DIRECTION R MAINLINE Y  
 REFERENCE LINE BLCONSTRUCT  
 PLANT OR PIT NO. \_\_\_\_\_ QUANTITY REP 0.00 Unit of Measure: TN  
 INTENDED USE OR PART OF STRUCTURE PLACED ASPHALT PAVEMENT DAT

ROAD NO. SR45 DISTRICT NO. 07 COUNTY 10 Hillsborough SECTION 040  
 CONTRACT T7148 SAMPLED BY B62551757-000

MATERIAL DESCRIPTION Roadway - As-Built Pavement Data  
 SOURCE (PLACE FROM WHICH SHIPMENT WAS MADE) \_\_\_\_\_  
 MANUFACTURER OR PRODUCER: LANE CONSTRUCTION  
 LOT NO. \_\_\_\_\_ SUBLOT: \_\_\_\_\_ BATCH NO.: \_\_\_\_\_ DESIGN MIX NO. \_\_\_\_\_  
 LIMS SAMPLE ID: 0800106219 LAB NO. E01012 QPL PRODUCT ID \_\_\_\_\_

REMARKS MAINLINE MILLING & RESURFACING TYPICAL DETAIL

SUBMITTED BY KIM BRIGHAM PHONE 813-267-4655  
 ADDRESS 707 E. COLUMBUS DR. TAMPA FL



Changed end station for milling & Resurfacing limits due to existing signal loops for the intersection of Hillsborough Ave & Nebraska Ave Intersection. Not included in Plans

**TYPICAL SECTION  
SR 45 (NEBRASKA AVENUE)**

\* CROSS SLOPE CORRECTION IS ONLY REQUIRED WHEN EXISTING CROSS SLOPES ARE OUTSIDE OF THE SPECIFIED RANGE.

TRAFFIC DATA	
CURRENT YEAR = 2006	AADT = 19,700
ESTIMATED OPENING YEAR = 2009	AADT = 21,000
ESTIMATED DESIGN YEAR = 2023	AADT = 27,700
K = 9.78%	D = 58.42%
T = 5.00%	(24 HOUR)
DESIGN HOUR T = 2.5%	
DESIGN SPEED = 45 MPH	
POSTED SPEED = 35 MPH	

**TYPICAL SECTION NOTES**

- (A) REFER TO ROADWAY PLAN SHEETS AND SUMMARY OF QUANTITIES FOR PROPOSED SIDEWALK LOCATIONS.
- (B) THE TYPICAL SECTION SHOWN MAY NOT BE REPRESENTATIVE OF THE ACTUAL CONDITIONS AT ALL LOCATIONS OF THE PROJECT. VARIABLE CONDITIONS WILL BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- (C) REFER TO ROADWAY PLAN SHEETS AND SUMMARY OF QUANTITIES FOR PROPOSED TYPE D OR F CURB PAD. FOR LOCATIONS FOR CURB PAD DETAILS, REFER TO RECONSTRUCTION DETAIL AND TYPE D CURB DETAIL.
- (D) SOD SHALL BE PLACED IN ALL AREAS WITHIN THE RIGHT OF WAY WHICH ARE NOT PAVED.
- (E) FOR ALT. AA1 PAVEMENT DESCRIPTION, USE TCP ALT. AA1 ON SHEET 187. FOR ALT. AA2 PAVEMENT DESCRIPTION, USE TCP ALT. AA2 ON SHEET 188. FOR ALT. AA3 PAVEMENT DESCRIPTION, USE TCP ALT. AA3 ON SHEET 189.

**ALT. AA1 & AA2 263+47  
STA. 98+70.00 TO STA. 264+01.71  
MAINLINE MILLING AND RESURFACING**

MILL EXISTING ASPHALT PAVEMENT (2.5" AVERAGE DEPTH) AND RESURFACE WITH TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (1.5") (PG 76-22) AND FRICTION COURSE FC-9.5 (1.0") (RUBBER)

**SEE PLAN SHEETS FOR LIMITS  
SIDE STREET MILLING AND RESURFACING**

MILL EXISTING ASPHALT PAVEMENT (1.0" AVERAGE DEPTH) AND RESURFACE WITH FRICTION COURSE FC-9.5 (1.0") (RUBBER)

**SEE PLAN SHEETS FOR LIMITS  
FULL DEPTH RECONSTRUCTION**

OPTIONAL BASE GROUP 6 (TYPE B-12.5 ONLY) WITH TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (2.5") (1.0") AND FRICTION COURSE FC-9.5 (1.0") (RUBBER)  
Type SP Structural Course (Traffic Level C) (1.5") (Pg 76-22) Mainline Only and Friction Course FC 9.5 (1.0") (Rubber)

**ALT. AA3  
STA. 98+70.00 TO STA. 264+01.71  
MAINLINE MILLING AND RESURFACING WITH  
REWORKED ASPHALT CONCRETE**

MILL EXISTING ASPHALT PAVEMENT (1.0" AVERAGE DEPTH) CONSTRUCT REWORKED ASPHALT CONCRETE (2.0" AVERAGE DEPTH) AND FRICTION COURSE FC-9.5 (1.0") (RUBBER)

**SEE PLAN SHEETS FOR LIMITS  
SIDE STREET MILLING AND RESURFACING**

MILL EXISTING ASPHALT PAVEMENT (1.0" AVERAGE DEPTH) AND RESURFACE WITH FRICTION COURSE FC-9.5 (1.0") (RUBBER)

**SEE PLAN SHEETS FOR LIMITS  
FULL DEPTH RECONSTRUCTION**

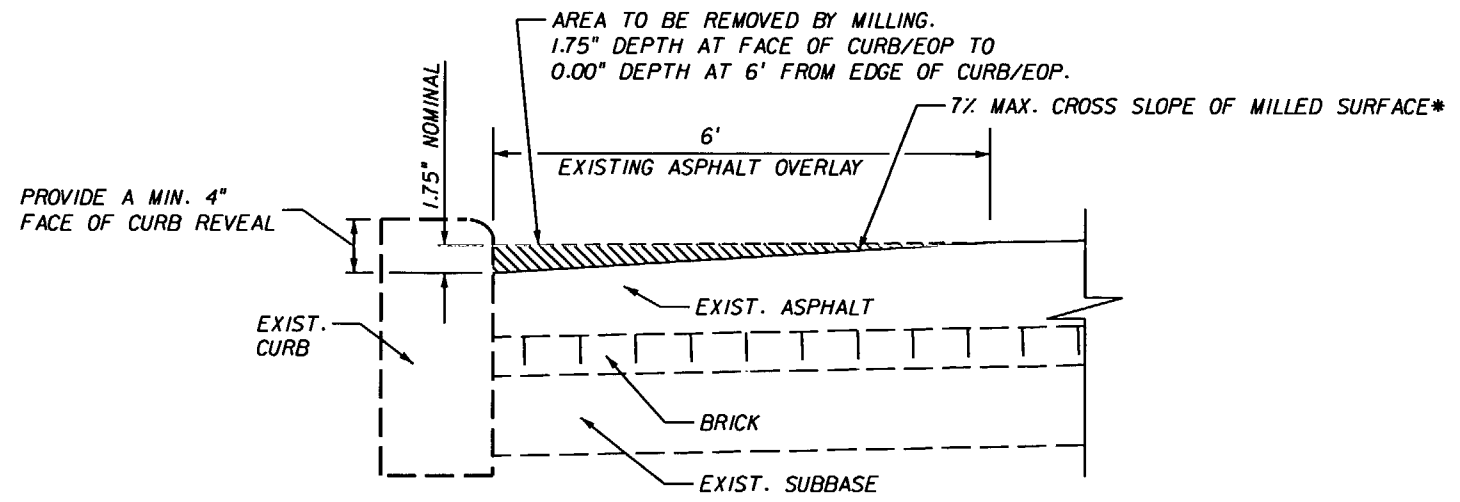
OPTIONAL BASE GROUP 6 (TYPE B-12.5 ONLY) WITH TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (2.5") AND FRICTION COURSE FC-9.5 (1.0") (RUBBER)

Agreed with Dist Matt's Office through e-mails

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 8
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
01/29/07	MJM	CHANGED PAVEMENT DESCRIPTIONS FROM OPTIONS TO ALTERNATIVES. ADDED TYPICAL SECTION NOTE.				S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68B-23.003, F.A.C.

*[Handwritten signature]*  
11/6/08

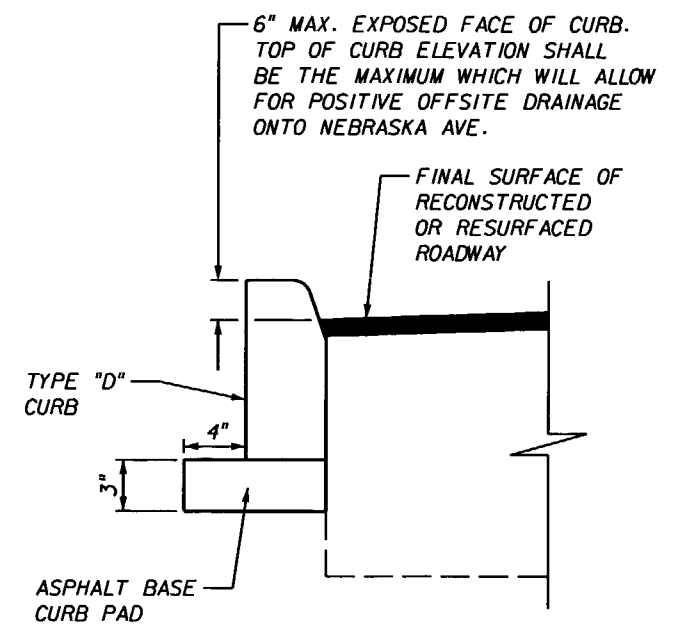


**CURB REVEAL MILLING LIMITS LT.**  
 STA. 100+65.00 TO STA. 108+50.00  
 STA. 120+65.00 TO STA. 142+29.00  
 STA. 148+80.00 TO STA. 182+66.00  
 STA. 184+45.00 TO STA. 188+40.00  
 STA. 239+08.00 TO STA. 242+04.00  
 STA. 244+63.00 TO STA. 247+78.00  
 STA. 250+20.00 TO STA. 258+96.00

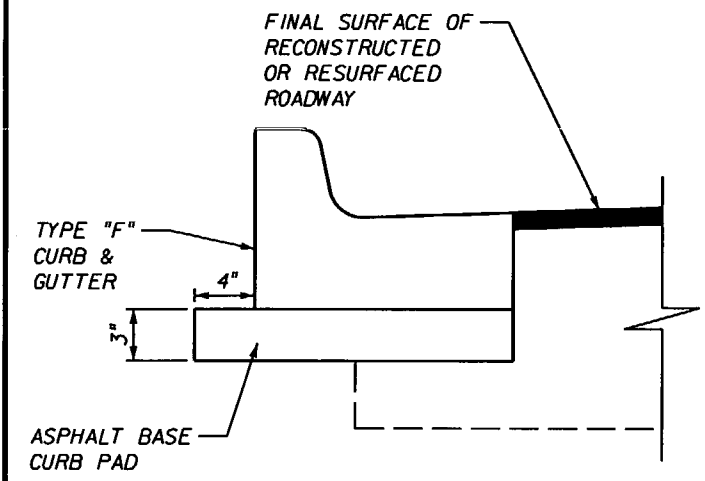
**CURB REVEAL MILLING LIMITS RT.**  
 STA. 99+86.00 TO STA. 104+83.00  
 STA. 109+35.00 TO STA. 132+33.00  
 STA. 143+34.00 TO STA. 151+23.00  
 STA. 162+44.00 TO STA. 191+29.00  
 STA. 205+82.00 TO STA. 209+26.00  
 STA. 238+76.00 TO STA. 243+79.00  
 STA. 244+74.00 TO STA. 259+08.00

**CURB REVEAL MILLING DETAIL**  
 -N.T.S.-

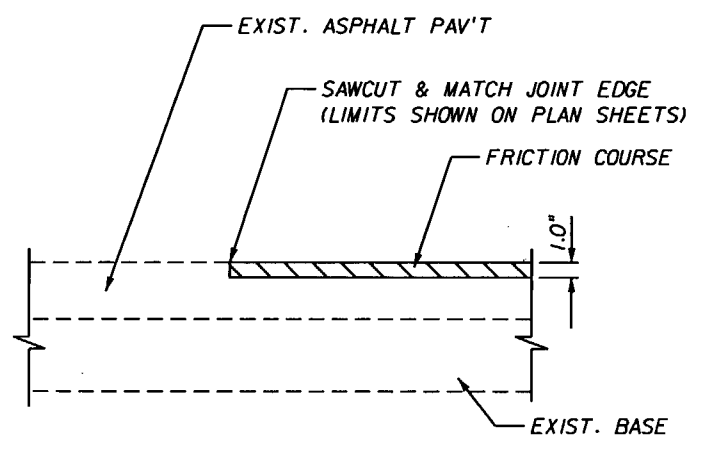
\* WIDTH OF MILLING AREA (6')  
 MAY BE INCREASED TO  
 ACHIEVE 7% MAX. CROSS SLOPE



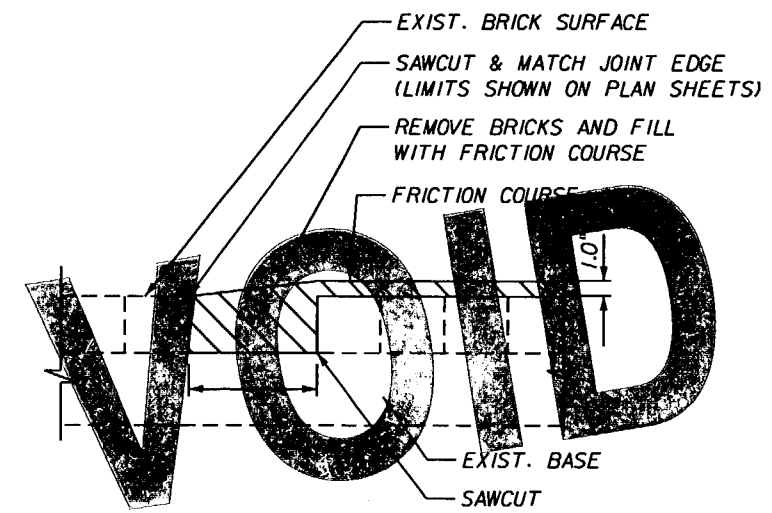
**TYPE D CURB DETAIL**  
 -N.T.S.-



**TYPE F CURB DETAIL**  
 -N.T.S.-



**MILLING AND RESURFACING (SIDEStreETS WITH ASPHALT SURFACE)**  
 MILL EXISTING ASPHALT (1.0" AVG. DEPTH)  
 RESURFACE WITH FRICTION COURSE FC-9.5 (1.0") (RUBBER)



**MILLING AND RESURFACING (SIDEStreETS WITH EXPOSED BRICK SURFACE)**  
 MILL EXISTING ASPHALT (1.0" AVG. DEPTH)  
 RESURFACE WITH FRICTION COURSE FC-9.5 (1.0") (RUBBER)

STREET NAME
SCOTT ST. (WEST)
2ND ST.
7TH AVE. (WEST)
19TH AVE.
GENESEE ST. (WEST)
CAYUGA ST. (WEST)
CURTIS ST. (WEST)
CARACAS ST. (WEST)
GIDDENS AVE. (EAST)

**PAVEMENT DETAIL**  
**SIDE STREET RESURFACING LIMITS**  
 -N.T.S.-

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

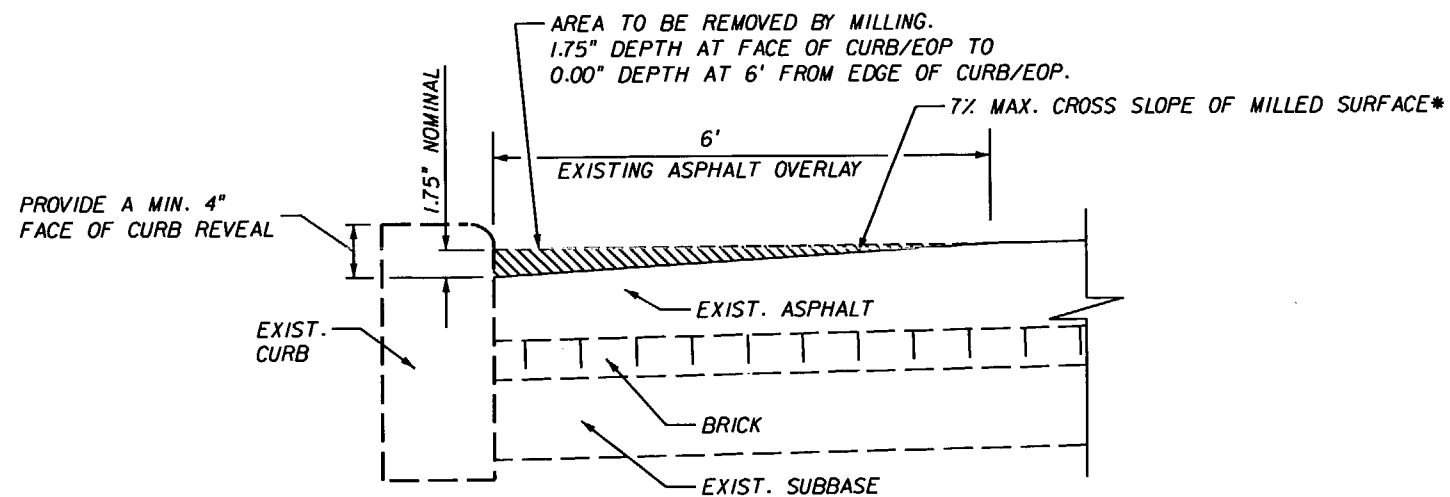
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TYPICAL SECTION DETAILS**

SHEET NO.  
 9

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.





**CURB REVEAL MILLING LIMITS LT.**

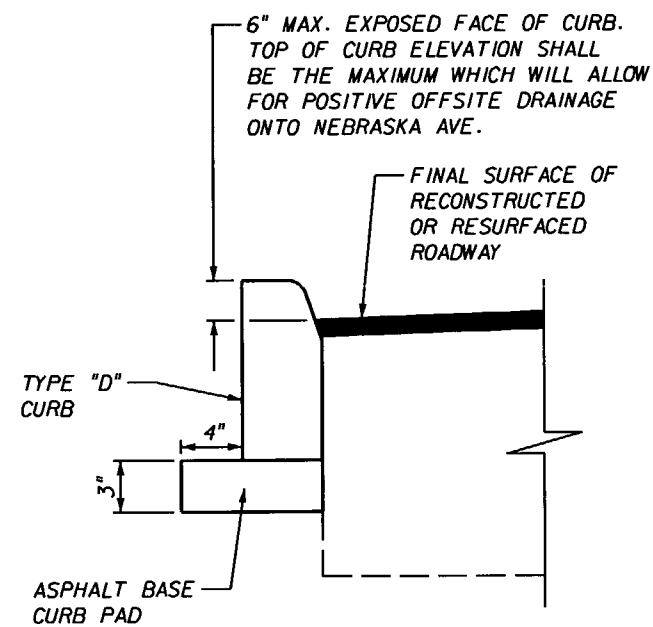
STA. 100+65.00 TO STA. 108+50.00  
 STA. 120+65.00 TO STA. 142+29.00  
 STA. 148+80.00 TO STA. 182+66.00  
 STA. 184+45.00 TO STA. 188+40.00  
 STA. 239+08.00 TO STA. 242+04.00  
 STA. 244+63.00 TO STA. 247+78.00  
 STA. 250+20.00 TO STA. 258+96.00

**CURB REVEAL MILLING LIMITS RT.**

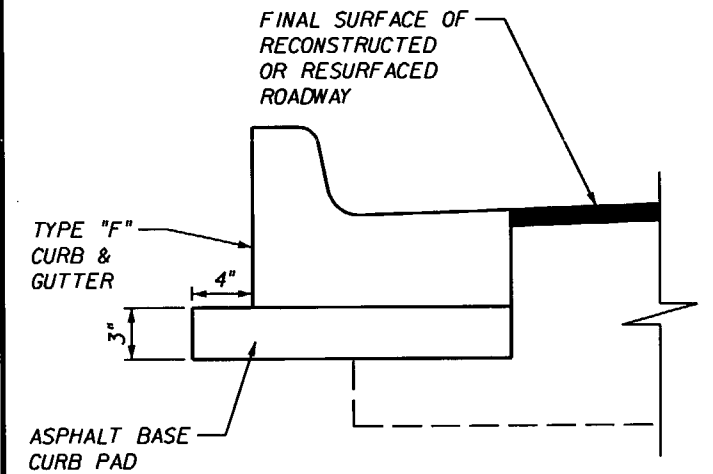
STA. 99+86.00 TO STA. 104+83.00  
 STA. 109+35.00 TO STA. 132+33.00  
 STA. 143+34.00 TO STA. 151+23.00  
 STA. 162+44.00 TO STA. 191+29.00  
 STA. 205+82.00 TO STA. 209+26.00  
 STA. 238+76.00 TO STA. 243+79.00  
 STA. 244+74.00 TO STA. 259+08.00

**CURB REVEAL MILLING DETAIL**  
-N.T.S.-

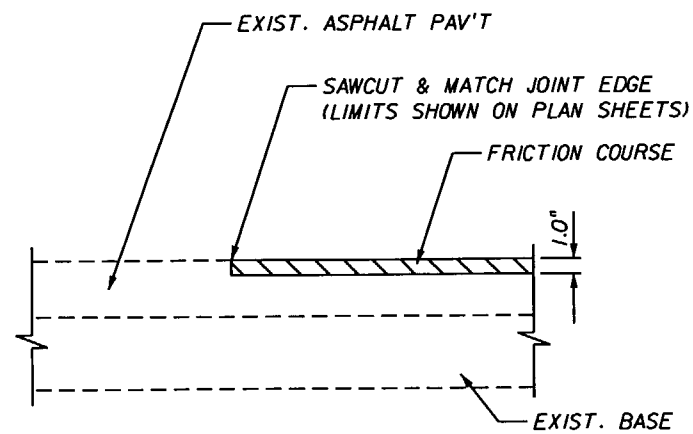
\* WIDTH OF MILLING AREA (6')  
MAY BE INCREASED TO  
ACHIEVE 7% MAX. CROSS SLOPE



**TYPE D CURB DETAIL**  
-N.T.S.-

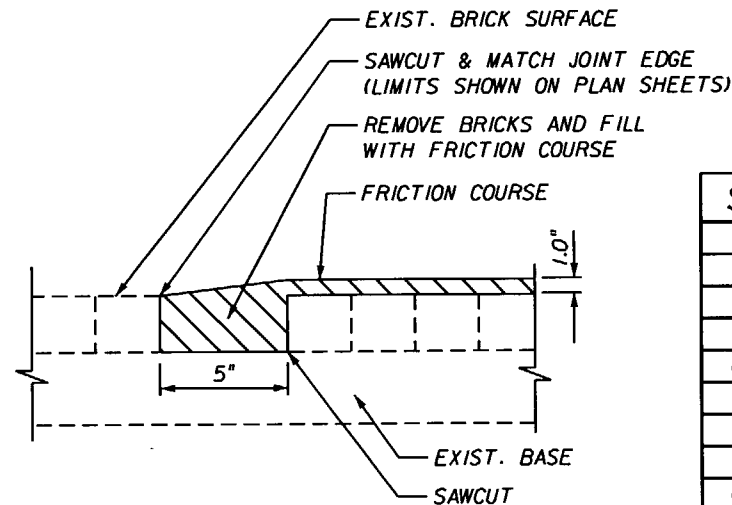


**TYPE F CURB DETAIL**  
-N.T.S.-



**MILLING AND RESURFACING (SIDEStreETS WITH ASPHALT SURFACE)**

MILL EXISTING ASPHALT (1.0" AVG. DEPTH)  
 RESURFACE WITH FRICTION COURSE FC-9.5 (1.0") (RUBBER)

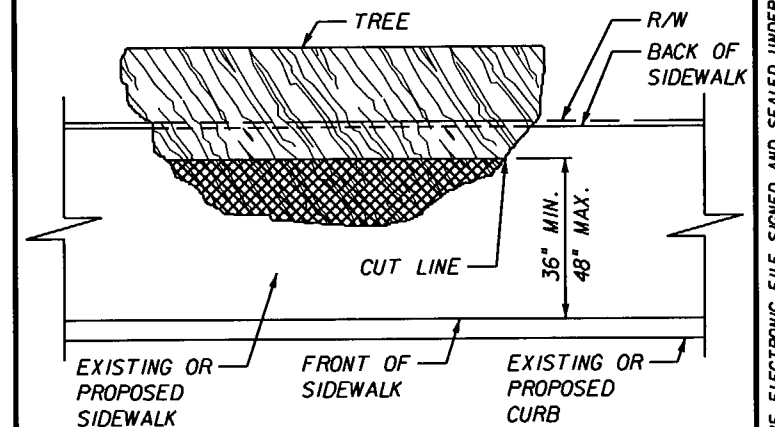


**MILLING AND RESURFACING (SIDEStreETS WITH EXPOSED BRICK SURFACE)**

MILL EXISTING ASPHALT (1.0" AVG. DEPTH)  
 RESURFACE WITH FRICTION COURSE FC-9.5 (1.0") (RUBBER)

**PAVEMENT DETAIL**  
**SIDE STREET RESURFACING LIMITS**  
-N.T.S.-

STREET NAME
SCOTT ST. (WEST)
2ND ST.
7TH AVE. (WEST)
19TH AVE.
GENESEE ST. (WEST)
CAYUGA ST. (WEST)
CURTIS ST. (WEST)
CARACAS ST. (WEST)
GIDDENS AVE. (EAST)



**LEGEND**  
 [Hatched Area] AREA OF TRUNK BUTTRESS TO BE REMOVED TO PROVIDE AN UNOBSTRUCTED SIDEWALK WIDTH.

TREE LOCATION
STA. 175+35.00 RT.
STA. 176+85.00 RT.
STA. 178+20.00 RT.
STA. 178+60.00 RT.
STA. 178+95.00 RT.
STA. 179+15.00 RT.

**TRUNK BUTTRESS CUTTING DETAIL**  
-N.T.S.-

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/29/07	MJM	△ ADDED DETAIL.			

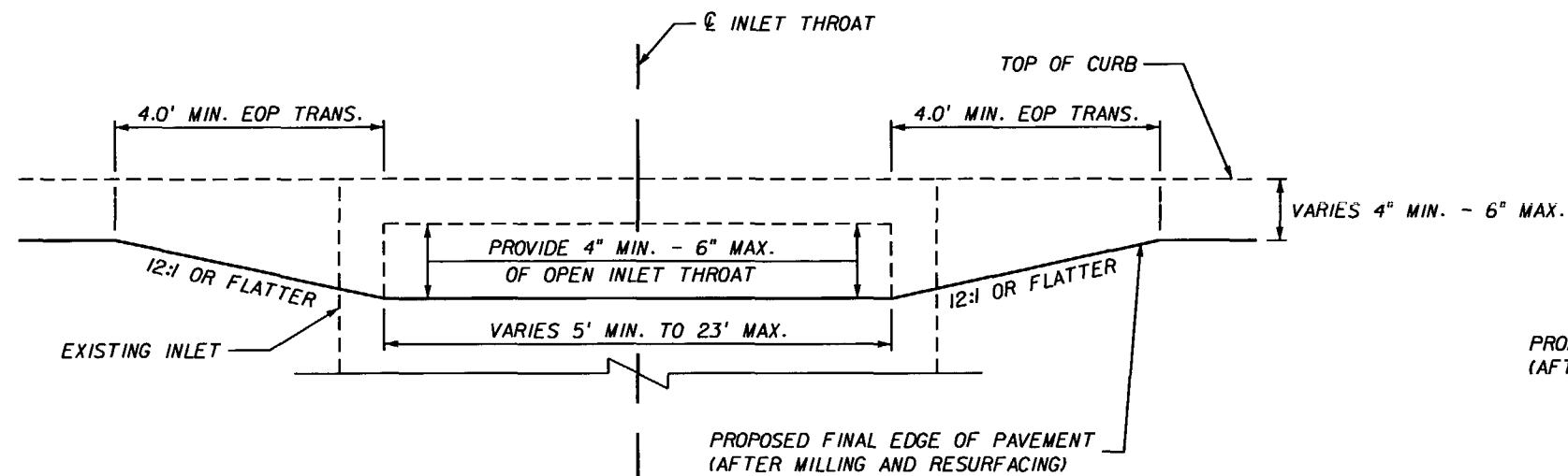
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

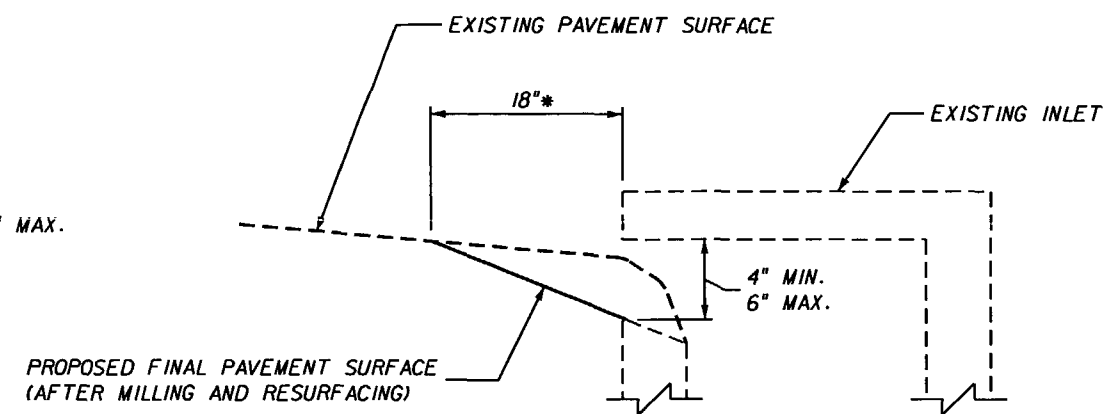
**TYPICAL SECTION DETAILS**

SHEET NO.  
9

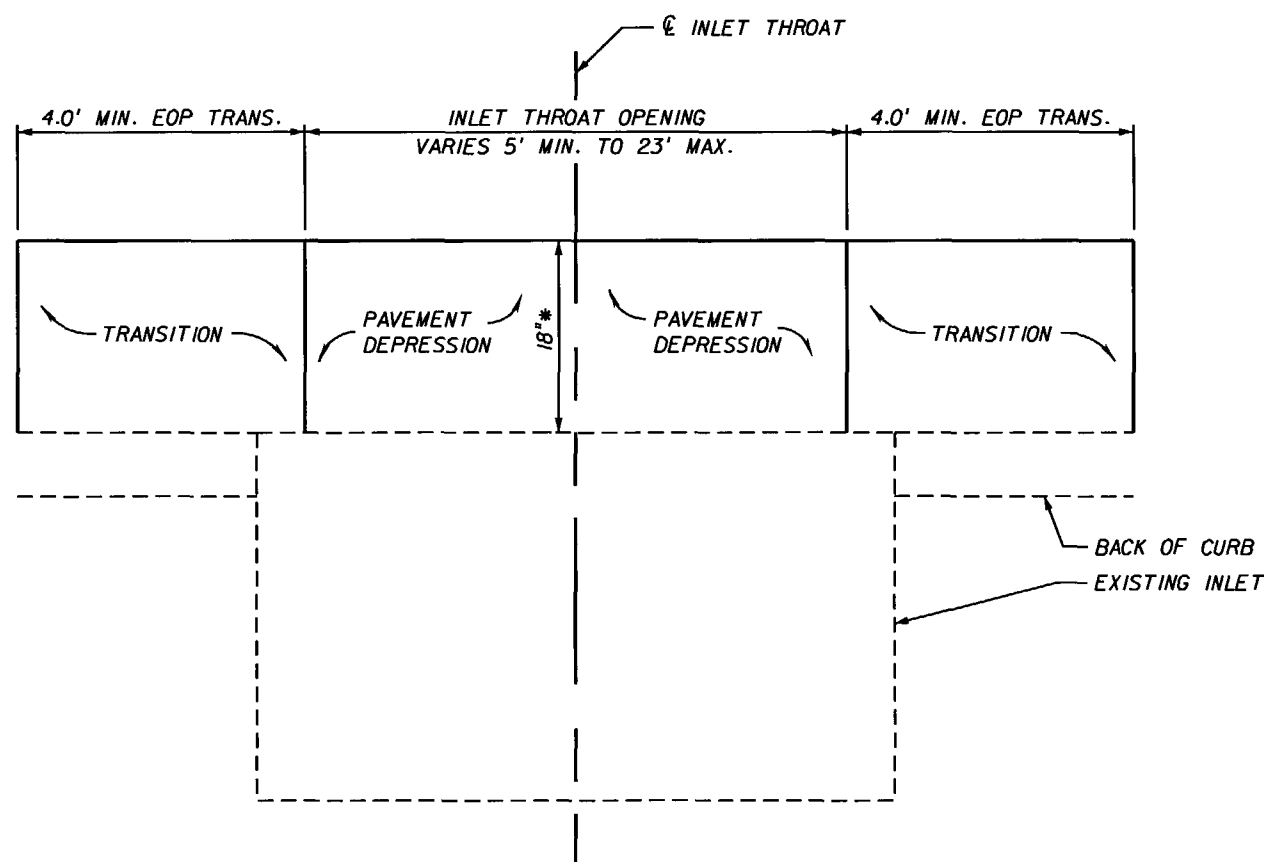
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



PROFILE VIEW



CROSS SECTION VIEW AT INLET THROAT



PLAN VIEW

INLET THROAT REVEAL DETAIL  
-N.T.S.-

**NOTE:**  
 PROVIDE 4" MIN. - 6" MAX. INLET THROAT OPENING FOR ALL EXISTING INLETS.  
 \* USE 12" WHERE BIKE LANE IS 3' OR LESS.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

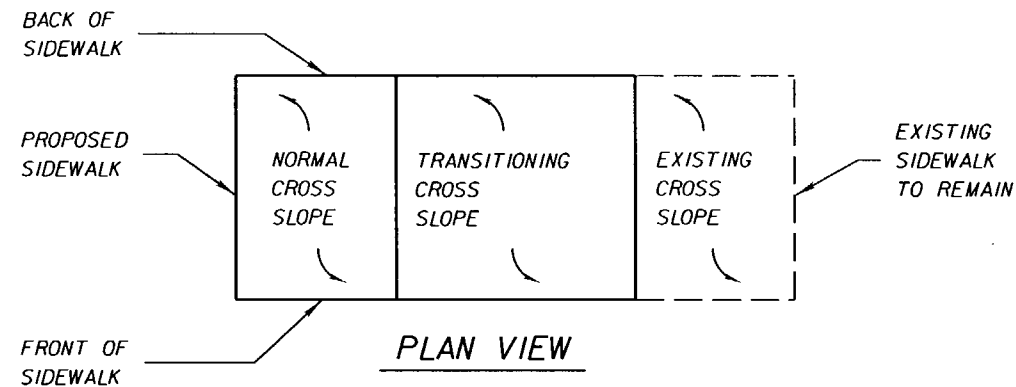
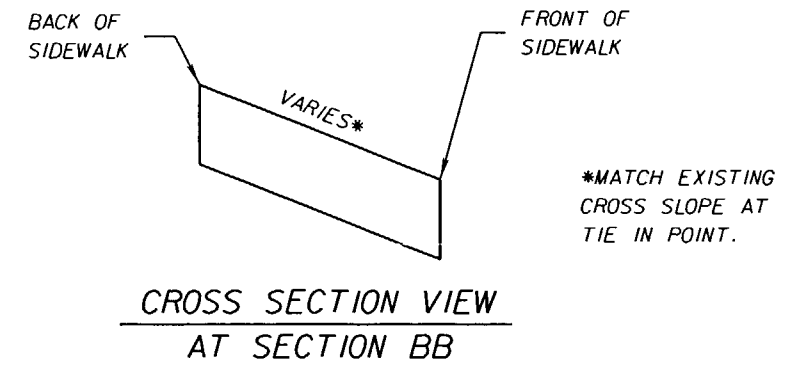
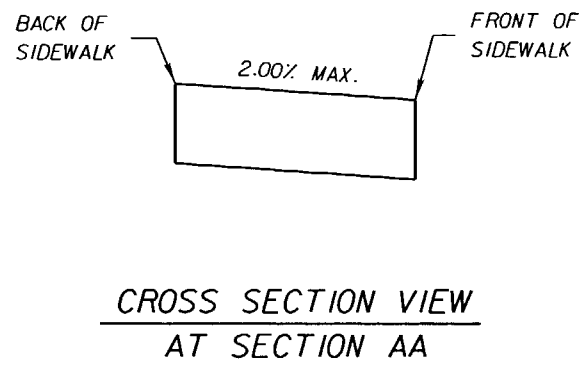
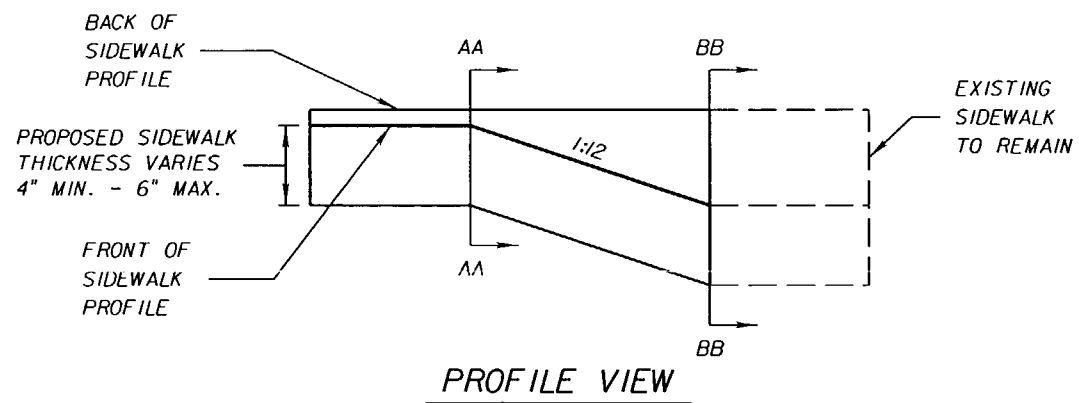
G. BRITTON HARDY  
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 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TYPICAL SECTION DETAILS**

SHEET NO.  
10

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



▲  
**SIDEWALK CROSS SLOPE TRANSITION DETAIL**  
 -N.T.S.-

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G05-23.003, F.A.C.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
09/26/07	MJM	▲ ADDED THIS SHEET AND DETAIL.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TYPICAL SECTION DETAILS**

SHEET NO.  
 10A

- 102- 3 ALL COMMERCIAL MATERIAL SHALL BE MILLED ASPHALT.
- 104- 1 INCLUDES COST OF POLYACRYLAMIDE APPLICATIONS.
- 110- 1- 1 INCLUDES COST OF SAWCUTTING ALL PAVEMENT REMOVAL AREAS.  
TREES WITHIN THE LIMITS OF THIS PROJECT THAT ARE TO REMAIN SHALL BE TRIMMED TO CONFORM TO CLEAR ZONE REQUIREMENTS. COST TO BE INCLUDED IN THE STANDARD CLEARING AND GRUBBING.  
INCLUDES THE COST TO CUT AND DISPOSE OF EXISTING TREE TRUNK OVERGROWTH ON SIDEWALK.  
INCLUDES COST OR RAILROAD TRACK REMOVAL IN AREAS OF CONFLICT WITH CONSTRUCTION OF STORM PIPE.
- 110- 4 INCLUDES COST OF SAWCUTTING FOR REMOVAL OF EXISTING SIDEWALK AND CURB AND GUTTER.
- 110- 86 INCLUDES COST FOR REMOVAL AND DELIVERY OF ALL GRANITE CURBS AND BRICKS, WHICH ARE IN CONFLICT WITH PROPOSED CONSTRUCTION. GRANITE CURBS AND BRICKS ARE THE PROPERTY OF THE CITY OF TAMPA AND SHALL BE DELIVERED TO:  
MR. ERNIE NELSON  
TRANSPORTATION OPERATIONS CHIEF/SUPERVISOR OF PAVING  
3802 EAST 26TH AVENUE 290D3, TAMPA, FLORIDA 33605  
PHONE (813) 622-1999
- 327- 70- 6 & 327- 70- 13 INCLUDES COST OF VARIABLE MILLING TO ACHIEVE PROPOSED EDGE OF PAVEMENT ELEVATIONS. THE COST TO MILL AT EXISTING INLET THROAT OPENINGS SHALL BE INCLUDED IN PAVEMENT MILLING.
- 334- 1- 23 INCLUDES THE COST FOR FILLING VOIDS DUE TO POSSIBLE DISPLACEMENT OF BRICKS DURING PAVEMENT MILLING.
- 339- 1 THIS ITEM INCLUDES 4" OF MISCELLANEOUS ASPHALT AT LOCATIONS INDICATED IN THE PLANS.
- 400- 1- 15 INCLUDES 10 CY FOR MISCELLANEOUS CONSTRUCTION, AS DIRECTED BY THE ENGINEER.
- 400- 2- 15 INCLUDES THE COST FOR FURNISHING AND INSTALLATION OF ALL MATERIALS INCLUDED IN THE CONSTRUCTION OF THE BUS SHELTER PADS AND BUS LANDING PADS.
- 425- 5- 1 & 425- 6 EXISTING UTILITY STRUCTURES THAT ARE SUBJECT TO VEHICULAR TRAFFIC SHALL BE ADJUSTED BY THE CONTRACTOR SO THAT THE TOP SURFACE OF COVER OR FRAME SHALL BE NO MORE THAN ONE INCH ABOVE THE FINISHED GRADE.  
THE UAOs WILL FURNISH NECESSARY MANHOLE ADJUSTMENT RINGS.  
THE CONTRACTOR SHALL PROVIDE THE UAOs TWO WEEK PRIOR NOTIFICATION TO ARRANGE DELIVERY OF ADJUSTMENT RINGS.  
CITY OF TAMPA WASTEWATER DEPARTMENT: HARRY GLEN AT (813) 259-6817  
CITY OF TAMPA WATER DEPARTMENT: ROGER AUGHTON AT (813) 239-4541  
VERIZON FLORIDA: OSBORN ODUM AT (813) 626-7124
- 520- 1- 10 INCLUDES COST FOR ASPHALT BASE CURB PAD.
- 520- 2- 4 INCLUDES COST FOR ASPHALT BASE CURB PAD.
- 522- 1 TO INCLUDE THE COST OF CUTTING AND RESTORING DESIGNED SIDEWALK AND RESETING ARCHITECTURAL PAVERS.
- 523- 1- 1 THE LIMITS OF TEXTURED PAVEMENT IS BASED ON FINAL STRIPING AND MEDIAN LOCATIONS. THE TEXTURED PAVEMENT PATTERN SHALL BE RED BRICK.
- 527- 1 INCLUDES THE COST OF ALL DETECTABLE WARNING SURFACES (TRUNCATED DOMES)(RETROFIT) DETECTABLE WARNING SURFACES ARE REQUIRED ON ALL CURB RAMPS AND ON EITHER APPROACH OF DRIVEWAYS AND/OR SIDE STREETS THAT ARE 24' OR GREATER IN WIDTH. AND THE ASPHALT APPROACHES AT R/R CROSSINGS.
- 710- XX THE TOTALS SHOWN ON THE SUMMARY OF ROADWAY PAY ITEMS ARE FOR PAINTED PAVEMENT MARKINGS USED FOR MAINTENANCE OF TRAFFIC.

EARTHWORK QUANTITIES				
STATION	BORROW EXC.		REGULAR EXC.	
	A	V	A	V
110+00	0	2.7	0	6.6
111+00	1.47	2.7	3.57	6.6
112+00	0	0	0	0
136+00	0	2.0	0	2.9
137+00	1.06	3.1	1.56	6.8
138+00	0.63	1.4	2.13	9.9
139+00	0.11	2.7	3.22	8.7
140+00	1.34	4.8	1.49	4.4
141+00	1.24	6.1	0.86	3.1
142+00	2.03	5.5	0.79	3.2
143+00	0.96	1.8	0.93	1.7
144+00	0	0	0	0
170+00	0	0.6	0	2.1
171+00	0.32	1.0	1.14	5.0
172+00	0.20	2.8	1.57	7.6
173+00	1.30	3.4	2.52	10.9
174+00	0.51	0.9	3.36	6.2
175+00	0	0.0	0	0
192+00	0	2.3	0	2.9
193+00	1.26	3.7	1.54	7.1
194+00	0.72	6.0	2.30	10.2
195+00	2.52	9.1	3.20	13.3
196+00	2.42	5.0	3.96	14.2
197+00	0.30	0.6	3.73	6.9
198+00	0	0	0	0
218+00	0	0	0	3.2
219+00	0	0.6	1.74	5.5
220+00	0.35	0.8	1.25	4.2
221+00	0.07	3.4	1.00	3.4
222+00	1.79	4.1	0.84	4.2
223+00	0.44	0.9	1.42	4.3
224+00	0.04	3.9	0.91	2
225+00	2.08	10.6	1.89	8
226+00	3.62	6.7	1.83	5.0
227+00	0	0	2.68	0
228+00	0	0	0	0
258+00	0	0	0	3.1
259+00	0	3.4	1.66	7.2
260+00	1.85	8.3	2.21	7.9
261+00	2.65	4.9	2.05	3.8
262+00	0		0	
<b>SUBTOTAL</b>		<b>115.8</b>		<b>212.6</b>
<b>MEDIAN ISLANDS</b>		<b>56.8</b>		
<b>TOTAL</b>		<b>173</b>		<b>213</b>

**SUMMARY OF EARTHWORK (CY)**

FILL	173
FILL ADJUSTMENT (15%) (173 x 0.15)	26
FILL	199
TRUCK ADJUSTMENT (25%) (199 x 0.25)	50
<b>TOTAL BORROW EXCAVATION</b>	<b>249</b>
<b>REGULAR EXCAVATION</b>	<b>213</b>

THE PAY ITEMS USED WILL BE:

REGULAR EXCAVATION (RRR PROJECTS ONLY)	1 (LS)
BORROW EXCAVATION (TRUCK MEASURE)	249 CY

**VOID**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SUMMARY OF QUANTITIES**

SHEET NO.
11

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

- 102- 3 ALL COMMERCIAL MATERIAL SHALL BE MILLED ASPHALT.
- 104- 1 INCLUDES COST OF POLYACRYLAMIDE APPLICATIONS.
- △ 110- 1- 1 INCLUDES COST OF SAWCUTTING ALL PAVEMENT REMOVAL AREAS.  
TREES WITHIN THE LIMITS OF THIS PROJECT THAT ARE TO REMAIN SHALL BE TRIMMED TO CONFORM TO CLEAR ZONE REQUIREMENTS. COST TO BE INCLUDED IN THE STANDARD CLEARING AND GRUBBING.  
  
INCLUDES THE COST TO CUT AND DISPOSE OF EXISTING TREE BUTTRESS ON SIDEWALK PER DETAIL ON SHEET 9. THIS WORK SHALL BE PERFORMED BY AN INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) CERTIFIED ARBORIST.  
  
INCLUDES COST OR RAILROAD TRACK REMOVAL IN AREAS OF CONFLICT WITH CONSTRUCTION OF STORM PIPE.
- 110- 4 INCLUDES COST OF SAWCUTTING FOR REMOVAL OF EXISTING SIDEWALK AND CURB AND GUTTER.
- 110- 86 INCLUDES COST FOR REMOVAL AND DELIVERY OF ALL GRANITE CURBS AND BRICKS, WHICH ARE IN CONFLICT WITH PROPOSED CONSTRUCTION. GRANITE CURBS AND BRICKS ARE THE PROPERTY OF THE CITY OF TAMPA AND SHALL BE DELIVERED TO:  
MR. ERNIE NELSON  
TRANSPORTATION OPERATIONS CHIEF/SUPERVISOR OF PAVING  
3802 EAST 26TH AVENUE 290D3, TAMPA, FLORIDA 33605  
PHONE (813) 622-1999
- △ 327- 70- 13 INCLUDES ALL COST OF VARIABLE MILLING TO ACHIEVE CURB REVEAL PER DETAIL ON SHEET 9.  
INCLUDES ALL COST FOR MILLING TO ACHIEVE INLET THROAT OPENINGS PER DETAIL ON SHEET 10.
- 334- 1- 23 INCLUDES THE COST FOR FILLING VOIDS DUE TO POSSIBLE DISPLACEMENT OF BRICKS DURING PAVEMENT MILLING.
- 339- 1 THIS ITEM INCLUDES 4" OF MISCELLANEOUS ASPHALT AT LOCATIONS INDICATED IN THE PLANS.
- 400- 1- 15 INCLUDES 10 CY FOR MISCELLANEOUS CONSTRUCTION, AS DIRECTED BY THE ENGINEER.
- 400- 2- 15 INCLUDES THE COST FOR FURNISHING AND INSTALLATION OF ALL MATERIALS INCLUDED IN THE CONSTRUCTION OF THE BUS SHELTER PADS AND BUS LANDING PADS.
- 425- 5- 1 EXISTING UTILITY STRUCTURES THAT ARE SUBJECT TO VEHICULAR TRAFFIC SHALL BE ADJUSTED BY THE CONTRACTOR SO THAT THE TOP SURFACE OF COVER OR FRAME SHALL BE NO MORE THAN ONE INCH ABOVE THE FINISHED GRADE.  
&  
425- 6 THE UAOs WILL FURNISH NECESSARY MANHOLE ADJUSTMENT RINGS.  
THE CONTRACTOR SHALL PROVIDE THE UAOs TWO WEEK PRIOR NOTIFICATION TO ARRANGE DELIVERY OF ADJUSTMENT RINGS.  
CITY OF TAMPA WASTEWATER DEPARTMENT: HARRY GLEN AT (813) 259-6817  
CITY OF TAMPA WATER DEPARTMENT: ROGER AUGHTON AT (813) 239-4541  
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- 520- 1- 10 INCLUDES COST FOR ASPHALT BASE CURB PAD.
- 520- 2- 4 INCLUDES COST FOR ASPHALT BASE CURB PAD.
- 522- 1 TO INCLUDE THE COST OF CUTTING AND RESTORING DESIGNED SIDEWALK AND RESETING ARCHITECTURAL PAVERS.
- 523- 1- 1 THE LIMITS OF TEXTURED PAVEMENT IS BASED ON FINAL STRIPING AND MEDIAN LOCATIONS. THE TEXTURED PAVEMENT PATTERN SHALL BE RED BRICK.
- 527- 1 INCLUDES THE COST OF ALL DETECTABLE WARNING SURFACES (TRUNCATED DOMES)(RETROFIT) DETECTABLE WARNING SURFACES ARE REQUIRED ON ALL CURB RAMPS AND ON EITHER APPROACH OF DRIVEWAYS AND/OR SIDE STREETS THAT ARE 24' OR GREATER IN WIDTH. AND THE ASPHALT APPROACHES AT R/R CROSSINGS.
- 710- XX THE TOTALS SHOWN ON THE SUMMARY OF ROADWAY PAY ITEMS ARE FOR PAINTED PAVEMENT MARKINGS USED FOR MAINTENANCE OF TRAFFIC.

EARTHWORK QUANTITIES				
STATION	BORROW EXC.		REGULAR EXC.	
	A	V	A	V
110+00	0	2.7	0	6.6
111+00	1.47	2.7	3.57	6.6
112+00	0	0	0	0
136+00	0	2.0	0	2.9
137+00	1.06	3.1	1.56	6.8
138+00	0.63	1.4	2.13	9.9
139+00	0.11	2.7	3.22	8.7
140+00	1.34	4.8	1.49	4.4
141+00	1.24	6.1	0.86	3.1
142+00	2.03	5.5	0.79	3.2
143+00	0.96	1.8	0.93	1.7
144+00	0	0	0	0
170+00	0	0.6	0	2.1
171+00	0.32	1.0	1.14	5.0
172+00	0.20	2.8	1.57	7.6
173+00	1.30	3.4	2.52	10.9
174+00	0.51	0.9	3.36	6.2
175+00	0	0.0	0	0
192+00	0	2.3	0	2.9
193+00	1.26	3.7	1.54	7.1
194+00	0.72	6.0	2.30	10.2
195+00	2.52	9.1	3.20	13.3
196+00	2.42	5.0	3.96	14.2
197+00	0.30	0.6	3.73	6.9
198+00	0	0	0	0
218+00	0	0	0	3.2
219+00	0	0.6	1.74	5.5
220+00	0.35	0.8	1.25	4.2
221+00	0.07	3.4	1.00	3.4
222+00	1.79	4.1	0.84	4.2
223+00	0.44	0.9	1.42	4.3
224+00	0.04	3.9	0.91	5.2
225+00	2.08	10.6	1.89	6.9
226+00	3.62	6.7	1.83	8.4
227+00	0	0	2.68	5.0
228+00	0	0	0	0
258+00	0	0	0	3.1
259+00	0	3.4	1.66	7.2
260+00	1.85	8.3	2.21	7.9
261+00	2.65	4.9	2.05	3.8
262+00	0	0	0	0
<b>SUBTOTAL</b>		<b>115.8</b>		<b>212.6</b>
<b>MEDIAN ISLANDS</b>		<b>56.8</b>		
<b>TOTAL</b>		<b>173</b>		<b>213</b>

SUMMARY OF EARTHWORK (CY)	
FILL	173
FILL ADJUSTMENT (15%) (173 x 0.15)	26
FILL	199
TRUCK ADJUSTMENT (25%) (199 x 0.25)	50
TOTAL BORROW EXCAVATION	249
REGULAR EXCAVATION	213

THE PAY ITEMS USED WILL BE:

REGULAR EXCAVATION (RRR PROJECTS ONLY) 1 (15)  
BORROW EXCAVATION (TRUCK MEASURE) ~~249~~ CY  
248 CY

See Folder No. 7

For Quantities  
only.  
*[Signature]*  
11/6/08

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  11
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
01/29/07	MJM	△ REVISED PAY ITEM FOOTNOTES.					S.R. 45	HILLSBOROUGH	255853-1-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

### BUS LANDING PAD LOCATIONS

PAY ITEM NO. 400-2-15

STATION	SIDE	LANDING PAD (6")	QUANTITY (CY)		REMARKS
			P	F	
99+30.00	LT	3.36' x 10'	0.6		
102+73.00	LT	6.77' x 10'	1.3		
103+47.00	RT	2.91' x 10'	0.5		
110+97.00	LT	4.5' x 6'	0.5		
114+16.00	LT	4.8' x 6'	0.5		
114+51.00	RT	19.7' x 12'	4.4		
118+53.00	LT	4.5' x 6'	0.5		
123+85.00	LT	4.5' x 10'	0.8		
128+80.00	RT	19.4' x 12'	4.3		
128+40.00	LT	4.5' x 10'	0.8		
135+40.00	RT	6.18' x 12'	1.4		
145+10.00	LT	6' x 6.8'	0.8		
145+36.00	RT	6' x 8'	0.9		
157+25.77	RT	SEE PLANS	1.0		
159+67.00	LT	7.5' x 6'	0.8		
165+75.00	LT	4.5' x 6'	0.5		
165+98.00	RT	4.5' x 6'	0.5		
171+10.00	RT	4' x 6'	0.4		
174+18.00	LT	8' x 8'	1.2		
178+60.00	RT	4' x 6'	0.4		
180+70.00	LT	5' x 6'	0.6		
185+66.30	RT	SEE PLANS	0.5		
190+54.40	LT	4.2' x 12'	0.9		
190+63.00	RT	3' x 12'	0.7		
198+41.00	RT	3' x 12'	0.7		
207+00.00	RT	8' x 10'	1.5		
207+85.00	LT	6' x 7.7'	0.9		
211+59.00	RT	7.7' x 6'	0.9		
212+91.00	LT	6' x 6'	0.7		
219+33.00	LT	6' x 7'	0.9		
219+70.00	RT	8.45' x 10'	1.6		
253+12.00	LT	8.5' x 12'	1.9		
253+19.00	RT	2.68' x 12'	0.6		
258+13.00	LT	(2) 4' x 12'	1.8		
258+55.00	RT	4.65' x 10'	0.9		
TOTAL			37.2		

### BUS SHELTER PAD LOCATIONS

PAY ITEM NO. 400-2-15

STATION	SIDE	SHELTER PAD (7.5")	QUANTITY (CY)		REMARKS
			P	F	
135+40.00	RT	4' x 12'	1.1		
190+54.40	LT	4' x 12'	1.1		
190+63.00	RT	4' x 12'	1.1		
198+41.00	RT	4' x 12'	1.1		
199+68.00	LT	8.3' x 25'	4.7		
225+14.00	RT	9' x 25'	5.2		
226+90.00	LT	8.2' x 25'	4.7		
231+83.00	RT	8.9' x 25'	5.2		
232+61.00	LT	8.3' x 25'	4.8		
237+87.00	LT	7.7' x 25'	4.3		
239+90.00	RT	7.7' x 25'	4.4		
243+00.00	LT	8.8' x 25'	5.1		
244+90.00	LT	SEE PLANS	5.9		
253+12.00	LT	4' x 12'	1.1		
257+44.00	LT	4' x 12'	1.1		
TOTAL			50.9		

### MISCELLANEOUS ASPHALT

PAY ITEM NO. 339-1

LOCATION	TRAV. OR PAGE NO.	SIDE	WIDTH	LENGTH	CURVE CORR. (+/-)	WEIGHT (TN)	REMARKS
108+70.86 TO 108+80.70		LT	VARIES	9.84		0.21	
108+82.81 TO 108+93.20		LT	VARIES	10.39		0.23	
108+99.10 TO 109+08.59		RT	VARIES	9.49		0.15	
109+11.54 TO 109+21.14		RT	VARIES	9.60		0.17	
GRAND TOTAL						0.8	

### SUMMARY OF PEDESTRIAN/BICYCLE RAILING

PAY ITEM NO. 515-2-201

LOCATION	SIDE	42" PICKET HANDRAIL		REMARKS	FIELD BOOK REFERENCE
		P	F		
103+69.00 TO 103+85.00	RT	16.0			
TOTALS		16			

# VOID

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

### SUMMARY OF QUANTITIES

SHEET NO.  
12



### BUS LANDING PAD LOCATIONS

PAY ITEM NO. 400-2-15

STATION	SIDE	LANDING PAD (6")	QUANTITY (CY)		REMARKS
			P	F	
99+30.00	LT	3.36' x 10'	0.6		
102+73.00	LT	6.77' x 10'	1.3		
103+47.00	RT	2.91' x 10'	0.5		
110+97.00	LT	4.5' x 6'	0.5		
114+16.00	LT	4.8' x 6'	0.5		
114+51.00	RT	19.7' x 12'	4.4		
118+53.00	LT	4.5' x 6'	0.5		
123+85.00	LT	4.5' x 10'	0.8		
128+80.00	RT	19.4' x 12'	4.3		
128+40.00	LT	4.5' x 10'	0.8		
135+40.00	RT	6.18' x 12'	1.4		
145+10.00	LT	6' x 6.8'	0.8		
145+36.00	RT	6' x 8'	0.9		
157+25.77	RT	SEE PLANS	1.0		
159+67.00	LT	7.5' x 6'	0.8		
165+75.00	LT	4.5' x 6'	0.5		
165+98.00	RT	4.5' x 6'	0.5		
171+10.00	RT	4' x 6'	0.4		
174+18.00	LT	8' x 8'	1.2		
178+60.00	RT	4' x 6'	0.4		
180+70.00	LT	5' x 6'	0.6		
185+66.30	RT	SEE PLANS	0.5		
190+54.40	LT	4.2' x 12'	0.9		
190+63.00	RT	3' x 12'	0.7		
198+41.00	RT	3' x 12'	0.7		
207+00.00	RT	8' x 10'	1.5		
207+85.00	LT	6' x 7.7'	0.9		
211+59.00	RT	7.7' x 6'	0.9		
212+91.00	LT	6' x 6'	0.7		
219+33.00	LT	6' x 7'	0.9		
219+70.00	RT	8.45' x 10'	1.6		
253+12.00	LT	8.5' x 12'	1.9		
253+19.00	RT	2.68' x 12'	0.6		
258+13.00	LT	4' x 12'	0.9		
258+55.00	RT	4.65' x 10'	0.9		
TOTAL			36.3		

### BUS SHELTER PAD LOCATIONS

PAY ITEM NO. 400-2-15

STATION	SIDE	SHELTER PAD (7.5")	QUANTITY (CY)		REMARKS
			P	F	
135+40.00	RT	4' x 12'	1.1		
190+54.40	LT	4' x 12'	1.1		
190+63.00	RT	4' x 12'	1.1		
198+41.00	RT	4' x 12'	1.1		
199+68.00	LT	8.3' x 25'	4.7		
225+14.00	RT	9' x 25'	5.2		
226+90.00	LT	8.2' x 25'	4.7		
231+83.00	RT	8.9' x 25'	5.2		
232+61.00	LT	8.3' x 25'	4.8		
237+97.56	LT	7.7' x 25'	4.3		
239+90.00	RT	7.7' x 25'	4.4		
243+00.00	LT	8.8' x 25'	5.1		
244+90.00	RT	SEE PLANS	5.9		
253+12.00	LT	4' x 12'	1.1		
258+13.00	LT	4' x 12'	1.1		
TOTAL			50.9		

### MISCELLANEOUS ASPHALT

PAY ITEM NO. 339-1

LOCATION	TRAV. OR PAGE NO.	SIDE	WIDTH	LENGTH	CURVE CORR. (+/-)	WEIGHT (TN)	REMARKS
STA. TO STA.							
108+70.86 TO 108+80.70		LT	VARIES	9.84		0.84	
108+82.81 TO 108+93.20		LT	VARIES	10.39		0.92	
108+99.10 TO 109+08.59		RT	VARIES	9.49		0.60	
109+11.54 TO 109+21.14		RT	VARIES	9.60		0.68	
GRAND TOTAL						3.0	

### SUMMARY OF PEDESTRIAN/BICYCLE RAILING

PAY ITEM NO. 515-2-01

LOCATION	SIDE	42" PICKET HANDRAIL		REMARKS	FIELD BOOK REFERENCE
		LF			
		P	F		
STA. TO STA.					
103+69.00 TO 103+85.00	RT	16.0			
TOTALS		16			

# VOID

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 12
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
07/19/07	MJM	UPDATED MISCELLANEOUS ASPHALT QUANTITY, BUS LANDING PAD LOCATIONS, AND BUS SHELTER PAD LOCATIONS.					S.R. 45	HILLSBOROUGH	255853-1-52-01	

### SUMMARY OF QUANTITIES

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.



### BUS LANDING PAD LOCATIONS

PAY ITEM NO. 400-2-15

STATION	SIDE	LANDING PAD (6")	QUANTITY (CY)		REMARKS
			P	F	
<del>90+30.00</del>	LT	<del>3.36' x 10'</del>	<del>0.6</del>		
102+73.00	LT	6.77' x 10'	1.3	1.3	SEE
103+47.00	RT	2.91' x 10'	0.5	0.5	Comp
110+97.00	LT	4.5' x 6'	0.5	0.5	BK sheet
114+16.00	LT	4.8' x 6'	0.5	0.5	No. 145
114+51.00	RT	19.7' x 12'	4.4	4.4	
118+53.00	LT	4.5' x 6'	0.5	0.5	
123+85.00	LT	4.5' x 10'	0.8	0.8	
128+40.00	LT	4.5' x 10'	0.8	0.8	
<del>128+80.00</del>	RT	<del>19.4' x 12'</del>	<del>4.3</del>		
145+10.00	LT	6' x 6.8'	0.8	0.8	
145+36.00	RT	6' x 8'	0.9	0.9	
157+25.78	RT	6' WIDE SEE PLANS	1.0	1.0	
159+67.00	LT	7.5' x 6'	0.8	0.8	
165+75.00	LT	4.5' x 6'	0.5	0.5	
165+98.00	RT	4.5' x 6'	0.5	0.5	
171+10.00	RT	4' x 6'	0.4	0.4	
178+60.00	RT	4' x 6'	0.4	0.4	
180+70.00	LT	5' x 6'	0.6	0.6	
185+66.30	RT	6' WIDE SEE PLANS	0.5	0.5	
190+54.40	LT	4.2' x 12'	0.9	0.9	
<del>190+63.00</del>	RT	<del>3' x 12'</del>	<del>0.7</del>		
219+32.57	LT	6' x 7'	0.9	0.9	
219+70.00	RT	8.45' x 10'	1.6	1.6	
231+83.00	RT	9' x 6'	1.0	1.0	
<del>232+61.00</del>	LT	<del>8.5' x 6'</del>	<del>0.9</del>		
253+18.97	RT	2.68' x 12'	0.6	0.6	
258+55.00	RT	4.65' x 10'	0.9	0.9	
100+33.00	LT	3.36' x 10'	0.6	0.6	
128+80.00	RT	19.4' x 12'	4.3	4.3	
190+80.00	RT	3' x 12'	0.7	0.7	
233+80.00	LT	8.5' x 6'	0.9	0.9	
		TOTAL	28.1	28.1	

△  
△

### BUS SHELTER PAD LOCATIONS

PAY ITEM NO. 400-2-15

STATION	SIDE	SHELTER PAD (7.5")	QUANTITY (CY)		REMARKS
			P	F	
△ 135+40.00	RT	17' x 13'	5.9	5.9	SEE
△ 174+20.00	LT	8' x 13'	3.0	3.0	Comp
△ 190+57.40	LT	10.2' x 18'	5.1	5.1	BK sheet
△ 190+63.00	RT	8' x 13'	2.8	2.8	No. 145
<del>198+42.00</del>	RT	<del>13' x 13'</del>	<del>4.6</del>		
△ 199+65.00	LT	14.4' x 18'	6.9	6.9	
△ 208+40.00	RT	14.6' x 23'	8.8	8.8	
△ 209+70.00	LT	8' x 23'	5.2	5.2	
△ 224+45.00	RT	14.5' x 23'	8.7	8.7	
226+90.00	LT	8.2' x 25'	4.7	4.7	
△ 237+46.50	LT	12' x 13'	4.3	4.3	
△ 239+91.00	RT	14.3' x 23'	8.6	8.6	
<del>243+00.00</del>	LT	<del>8.8' x 25'</del>	<del>5.1</del>		
△ 244+90.00	RT	25' WIDE SEE PLANS	5.9	5.9	
△ 253+13.00	LT	18' x 13'	6.3	6.3	
△ 258+13.00	LT	14' x 13'	5.0	5.0	
198+36.00	RT	13' x 13'	4.6	4.6	
242+88.00	LT	8.8' x 25'	5.1	5.1	
237+97.56	LT	7.7' x 25'		4.3	* 9.4th Field
		TOTAL	90.9	95.2	

△  
△

400-2-15 = 28.1 + 95.2 = 123.3 cy

*[Handwritten signature]*  
11/6/08

For Quantities only.

### MISCELLANEOUS ASPHALT

PAY ITEM NO. 339-1

LOCATION	TRAV. OR PAGE NO.	SIDE	WIDTH	LENGTH	CURVE CORR. (+/-)	WEIGHT (TN)	REMARKS
STA. TO STA.							
108+70.86 TO 108+80.70		LT	VARIES	9.84		0.84	0.84
108+82.81 TO 108+93.20		LT	VARIES	10.39		0.92	0.92
108+99.10 TO 109+08.59		RT	VARIES	9.49		0.60	0.60
109+11.54 TO 109+21.14		RT	VARIES	9.60		0.68	0.68
GRAND TOTAL						3.0	3.0

△  
△

Comp BK Sheet No. 142

### SUMMARY OF PEDESTRIAN/BICYCLE RAILING

PAY ITEM NO. 515-2-201

LOCATION	SIDE	42" PICKET HANDRAIL		REMARKS	FIELD BOOK REFERENCE
		P	F		
STA. TO STA.					
103+69.00 TO 103+85.00	RT	16.0	16.0	Comp BK Sheet No. 155	
TOTALS		16	16		

△

#### REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	△ UPDATED MISCELLANEOUS ASPHALT QUANTITY, BUS LANDING PAD LOCATIONS, AND BUS SHELTER PAD LOCATIONS.	06/25/08	MJM	△ REVISED BUS SHELTER PAD LOCATION AND DIMENSIONS.
07/31/07	MJM	△ REVISED BUS LANDING PAD AND BUS SHELTER PAD QUANTITIES.			

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

### SUMMARY OF QUANTITIES

SHEET NO.

12



### SUMMARY OF EOP HIGH AND LOW POINTS

LOCATION STATION	SIDE	POINT TYPE	STRUCTURE NUMBER	REMARKS
100+78.00	LT	LP	EX-48	
101+62.50	RT	LP	EX-49	
114+00.00	LT	HP		ACROSS FROM MARYLAND AVENUE
115+20.00	RT	HP		ACROSS FROM MARYLAND AVENUE
116+97.00	LT	LP	EX-60	
116+62.00	RT	LP	EX-59	
117+05.00	RT	LP	EX-61	
135+66.00	LT	HP		7TH AVENUE
135+90.00	RT	HP		7TH AVENUE
145+75.00	LT	LP	EX-78	ROSS AVENUE (RETURN 1)
146+15.00	LT	LP	EX-80	ROSS AVENUE (RETURN 2)
146+21.00	RT	LP	S-564	11TH AVENUE (RETURN 1)
146+63.50	RT	LP		11TH AVENUE (RETURN 2)
161+40.00	LT	HP		
161+10.00	RT	HP		
162+60.00	LT	LP	S-580	
162+60.00	RT	LP	S-579	
168+00.00	LT	HP		
168+10.00	RT	HP		
173+21.00	LT	LP	S-589	FLORIBASKA AVENUE (RETURN 1)
173+84.00	LT	LP	S-591A	FLORIBASKA AVENUE (RETURN 2)
173+07.50	RT	LP	EX-90	21ST AVENUE (RETURN 1)
174+00.00	RT	LP	S-593	21ST AVENUE (RETURN 2)
182+40.00	LT	HP		PLYMOUTH STREET
183+35.00	RT	HP		25TH AVENUE
191+00.00	LT	LP		EMILY STREET (RETURN 1)
191+30.00	LT	LP		EMILY STREET (RETURN 2)
191+03.00	RT	LP	EX-100B	
204+10.00	LT	HP		BASIN BREAK
204+60.00	RT	HP		BASIN BREAK
208+00.00	LT	LP	EX-103	KASH-N-KARRY DRIVEWAY
209+30.00	LT	LP	EX-105	KASH-N-KARRY DRIVEWAY
209+37.00	RT	LP	EX-106	33RD AVENUE (RETURN 1)
209+65.00	RT	LP	EX-108	33RD AVENUE (RETURN 2)
212+36.50	LT	HP		MARTIN LUTHER KING BLVD.
212+36.50	RT	HP		MARTIN LUTHER KING BLVD.
218+79.00	LT	LP		NORTH BAY STREET (RETURN 1)
219+32.50	LT	LP		NORTH BAY STREET (RETURN 2)
218+89.50	RT	LP	S-639	NORTH BAY STREET (RETURN 3)
219+35.00	RT	LP	S-641	NORTH BAY STREET (RETURN 4)
234+08.00	LT	HP		
234+19.00	RT	HP		
261+82.50	LT	LP	EX-124A	GIDDENS AVENUE (RETURN 1)
262+40.00	LT	LP	EX-124B	GIDDENS AVENUE (RETURN 2)
261+70.00	RT	LP	S-697	
262+44.00	RT	LP	EX-125	

**Notes:**

- 1) Low Point (LP) and High Point (HP), Edge of Pavement (EOP), station locations are approximate only.
- 2) The location of low points and high points are provided to ensure the contractor has sufficient information to provide a constant edge of pavement slope and will not generate adverse (reverse) profile grades.
- 3) Low points located at existing side streets shall tie-in to existing curb returns. The contractor shall provide a constant transition around each curb return.

### SUMMARY OF PIPE LINER

LOCATION STA. TO STA.	SIDE	LENGTH	STORM SEWER (LF)				REMARKS	
			15"	18"	24"	36"		
P 110+72.92 TO 114+38.95	RT	363				363		
F						360		
P 117+05.02 TO 119+05.86	RT	197				197		
F						198		
P 119+05.86 TO 120+88.22	RT	183				183		
F						183		
P 121+40.75 TO 122+19.37	RT	79				79		
F						94	Actual Field Conditions	
P 124+86.65 TO 124+89.63	LT/RT	36	36	36			Pipe 15" NOT 18"	
F			40	0				
P 129+58.02 TO 129+52.22	LT/RT	36	36				ON SKEW	
F			33.5				ON SKEW	
P 145+99.83 TO 146+42.52	LT/RT	66			66			
F					73		ON SKEW	
P 208+00.00 TO 208+56.08	LT	52		52				
F				52.5				
TOTAL			PLAN QUANTITY	36	88	66	822	
			FINAL QUANTITY	73.5	52.5	73	835	

**Note:**

- 1) Desilt storm drain pipes prior to pipe lining operations. Cost to be included in the cost of pipe lining.

### SUMMARY OF DITCH PAVEMENT

LOCATION STA. TO STA.	SIDE	CONCRETE		REMARKS	FIELD BOOK REFERENCE
		SY			
		P	F		
103+53.38 TO 103+77.00	RT	11.7	12		
TOTAL		PLAN QUANTITY	12	12	
		FINAL QUANTITY	12	12	

**Notes:**

- 1) Contractor shall provide a minimum longitudinal ditch slope of 0.8 percent.
- 2) Contractor shall sawcut (notch) the existing DBI to one inch (1") below the finish grade elevation, then apply epoxy mortar to build-up to grade.
- 3) Cost of DBI notch construction to be included in the cost of concrete ditch pavement.
- 4) For additional information on ditch pavement construction, refer to the plan, profile, and drainage structure sheets.

*For Quantities only.* **ASB** 11/6/08

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 4910  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

SUMMARY OF QUANTITIES	
	SHEET NO. 14

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G05-23.003, F.A.C.

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	SIZE (INCHES)	LENGTH (LF)	CURB INLET TYPE									DITCH BOTTOM INLETS F <10'	CLOSED FLUME INLET TYPE 1	MANHOLE		ADJ. MH	INLET CAP	STORM DRAIN OPTIONAL MATERIAL ROUND		REMARKS
								P-5 <10'	P-5 PAR	P-6 <10'	J-5 <10'	J-6 <10'	8 <10'	8 PAR	8 MOD	P-8 <10'			J-8 <10'	18"			24"		
P	500-504	NOT USED																							
F																									
P	S-505	103+77.00	RT	CLOSED FLUME	1										1										
F															1										
P	S-506	103+88.47	LT	INLET, PIPE	1	18	82														82	CON. PIPE			
F																					82				
P	S-507	NOT USED																							
F																									
P	S-507A	204+24.52	LT	MANHOLE																		Ø CONST. A			
F																									
P	S-507B	204+88.00	LT	INLET, PIPE	1	18	60								1							Ø CONST. A			
F															1										
P	S-507C	205+38.00	LT	INLET, PIPE	1	18	46								1							Ø CONST. A			
F															1										
P	508-509	NOT USED																							
F																									
P	S-510	104+45.89	RT	EXIST. MANHOLE																		CON. PIPE			
F																									
P	511-518	NOT USED																							
F																									
P	S-519	29+19.00	LT	INLET, PIPE	1	18	28															28	CASS STREET		
F																						28			
P	S-520	29+48.36	LT	INLET																			CASS ST. / CON. PIPE		
F																									
P	521-522	NOT USED																							
F																									
P	S-523	110+72.92	RT	MANHOLE																			3.5' X 5' J-BOTTOM		
F																									
P	S-524	31+29.J3	LT	INLET, PIPE	1	18	40															40	NICK NUCCIO PKWY		
F																						40			
P	S-525	110+96.00	RT	INLET																			3.5' X 9' J-BOTTOM		
F																									
P	526-535E	NOT USED																							
F																									
P	S-535C	29+77.00	RT	INLET TOP																			SCOTT STREET		
F																									
P	EX-65	122+19.37	RT	EXIST. MANHOLE																					
F																									
P	EX-66A	124+89.65	RT	EXIST. MANHOLE																					
F																									
P	536-545A	NOT USED																							
F																									
P	S-545B	133+09.41	RT	INLET TOP																					
F																									
P	546-552	NOT USED																							
F																									
P	S-553	29+61.00	LT	INLET, PIPE	1	18	18																18	7TH AVENUE	
F																							18		
P	S-554	136+16.00	LT	MANHOLE, PIPE	1	18	77																77		
F																							77		
P	S-555	136+97.00	LT	INLET, PIPE	1	18	109																109		
F																							109		
SUBTOTALS				PLAN QUANTITY	1	1	3	1	0	2	1	0	2	1	2	1	2	0			460	0			
TOTALS				FINAL QUANTITY	1	1	3	1	0	2	1	0	2	1	2	1	2	0			460	0			

For Quantities Only.  
*Handwritten signature*  
 11/6/08

\* REFER TO Plan Sheet 18 For FINAL QUANTITY

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES				SHEET NO.	
DATE	BY	DESCRIPTION			DATE		BY	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
											S.R. 45	HILLSBOROUGH	255853-1-52-01		15

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	SIZE (INCHES)	LENGTH (LF)	CURB INLET TYPE									DITCH BOTTOM INLETS F <10'	CLOSED FLUME INLET TYPE 1	MANHOLE		STORM DRAIN OPTIONAL MATERIAL		REMARKS		
								P-5 <10'	P-5 PAR	P-6 <10'	J-5 <10'	J-6 <10'	8 <10'	8 PAR	8 MOD	P-8 <10'			J-8 <10'	ADJ. MH	INLET CAP	ROUND			
																						18"		24"	
P	S-556	NOT USED																							
F																									
P	S-557	138+10.00	LT	INLET, PIPE	1	18	246				1												246		3.5' x 8' J-BOTTOM
F											1												258		
P	S-558	140+60.00	LT	INLET, PIPE	1	18	154				1												154		3.5' x 8' J-BOTTOM
F											1												142		
P	S-559	NOT USED																							
F																									
P	S-560	142+17.00	LT	INLET, PIPE	1	18	47				1												47		
F											1												47		
P	S-561	29+67.26	LT	INLET, PIPE	1	18	17				1												17		PALM AVENUE
F											1												17		
P	S-562	142+67.48	LT	EXIST. MANHOLE																1					CON. PIPE
F																			1						
P	S-563	NOT USED																							
F																									
P	S-564	146+12.00	RT	INLET, PIPE	1	18	11						1										11		FOR QUANTITIES ONLY
F													1										11		10/6/08
P	S-564A	NOT USED																							
F																									
P	S-564B	NOT USED																							
F																									
P	S-564C	146+26.32	RT	INLET CAP																					CON. PIPE
F																									
P	S-565	146+42.52	RT	EXIST. MANHOLE																1					
F																			1						
P	566-586	NOT USED																							
F																									
P	S-587	171+00.00	RT	INLET, PIPE	1	18	204						1										204		
F													1										204		
P	S-588	NOT USED																							
F																									
P	EX-90	173+07.53	RT	EXIST. INLET																					CON. PIPE
F																									
P	S-589A	173+19.56	LT	INLET CAP																					
F																									
P	S-589	173+10.00	LT	INLET, PIPE	1	24	45						1										45		
F													1										45		
P	EX-92	173+57.44	LT	EXIST. MANHOLE																					CON. PIPE
F																									
P	S-590	173+58.15	LT	MANHOLE, PIPE	1	24	9																9		6' DIA. ALT. A
F																							9		
P	S-591	173+85.64	LT	INLET CAP, PIPE	1	24	23																23		CON. PIPE
F																							23		
P	S-592	173+87.05	RT	INLET CAP, PIPE																					CON. PIPE
F																									
P	S-591A	174+00.00	LT	INLET, PIPE	1	18	11						1										11		
F													1										11		
P	S-593	174+00.00	RT	INLET, PIPE	1	18	9							1									9		
F													1										9		
P	594-617	NOT USED																							
F																									

SUBTOTALS		PLAN QUANTITY	3	0	0	2	0	1	0	3	0	0	0	1	2	4	699	77							
TOTALS		FINAL QUANTITY	3	0	0	2	0	1	1	3	0	0	0	1	2	4	699	77							
		PLAN QUANTITY																							
		FINAL QUANTITY																							

REVISIONS			M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE, TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES			SHEET NO. 16
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
						S.R. 45	HILLSBOROUGH	255853-1-52-01				

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.







QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	SIZE (INCHES)	LENGTH (LF)	CURB INLET TYPE								DITCH BOTTOM INLETS	CLOSED FLUME	MANHOLE		ADJ. MH	INLET CAP	STORM DRAIN OPTIONAL MATERIAL		REMARKS		
								P-5	P-5	P-6	J-5	J-6	8	8	8			F	INLET			P-8	J-8		ROUND	
								<10'	PAR	<10'	<10'	<10'	<10'	PAR	MOD			<10'	TYPE 1			<10'	<10'		18"	24"
P	656-690	NOT USED																								
F																										
P	S-691	259+00.00	RT	MANHOLE, PIPE	1	18	71																			
F							71																			
P	S-692	NOT USED																								
F																										
P	S-693	30+36.00	LT	INLET, PIPE	1	18	15																			FRIERSON STREET
F							15																			
P	S-694	259+74.00	RT	INLET, PIPE	1	18	75																			
F							75																			
P	S-694A	260+53.00	RT	INLET, PIPE	1	18	114																			
F							114																			
P	695-696	NOT USED																								
F																										
P	S-697	261+70.00	RT	INLET, PIPE	1	24	22																			3.5' X 8' J. BOTTOM
F						24	22																			CON. PIPE

VOID

<b>SUBTOTALS</b>	PLAN QUANTITY	2	0	0	0	1	1	0	0	0	0	1	0	0	0	275	22
	FINAL QUANTITY	2	0	0	0	1	1	0	0	0	0	1	0	0	0	275	22
<b>TOTALS</b>	PLAN QUANTITY	15	1	4	3	1	5	1	3	5	1	6	2	4	4	2982	99
	FINAL QUANTITY																99

REVISIONS			M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SUMMARY OF DRAINAGE STRUCTURES</b>			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID				18
07/19/07	JM	Adjusted 18" pipe lengths.				S.R. 45	HILLSBOROUGH	255853-1-52-01				

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6615-23.003, F.A.C.



**GENERAL NOTES**

1. The Contractor may use any of the optional pipe materials tabulated for a given structure. Only the material options tabulated for a given structure can be used. Spiral Rib pipes will not be allowed. FRCP will be allowed on any project except interstate. Interstate materials will be developed on a case by case basis. A2000 PVC (ASTM F 949) will be allowed under interstate. The minimum RCP and FRCP class shall be Class II. All optional pipe installations shall meet Index 205 minimum and maximum fill requirements.
2. Adjustment to bid quantities, prices and payment will not be allowed due to increase or decrease in structure size, shape, length, width, depth or accessory construction necessary to accommodate the use of an optional pipe material other than the "plotted" option; likewise there will be no added or reduced compensation for structure alterations required to relieve utility conflicts which arise from the use of an optional material other than the "plotted" option.
3. Adjustment to the bid quantities, prices and payment will not be allowed due to increased or decreased excavation, bedding, borrow, backfilling, compaction, special installation requirements or disposal of excess materials due to use of any of the optional pipe materials. Likewise, adjustment in the quantities, prices and payment will not be allowed due to differences in end treatment size or types, pipe length, alternate jointing and connecting materials, saddles, cradles, filter fabrics, shoring or similar features due to the use of an optional material other than the "plotted" option.
4. If adjustments are required due to plan errors or omissions or authorized field changes, the "plotted" material and not the material selected by the Contractor shall be used to establish new pay quantities.
5. At the preconstruction conference, the Contractor shall notify the Department, in writing, as to which optional pipe material he chooses to use during construction. Once identified, the contractor may not change pipe material selected without the approval of the Engineer.
6. Only A2000 PVC (ASTM F 949) pipe is allowed for the project for pipe diameter not exceeding 48". PVC shall not be used in areas exposed to direct sunlight for extended periods of time, such as above ground, unshaded installations, endwalls, gutter drains, and mitered end sections. Additional requirements are as follows:
  - A) PVC pipe shall be manufactured from PVC compound having no less than 1.0 part of Titanium Dioxide per 100 parts of PVC resin, by weight.
  - B) PVC pipe shall be installed within 2 years from the date of manufacture. Pipe more than 2 years of age may not be used unless it can be demonstrated to the satisfaction of the Engineer that the pipe has been protected from direct exposure to sunlight.
7. The manufacturer of the selected pipe material shall provide an installation guide. The installation guides can be pre-approved at the manufacturer's option. This installation guide shall be approved by the District Design Engineer and given to the Engineer of Record, Construction CEI and selected Contractor. The Department's Construction representative (CEI) shall review the guide with the other preceding individuals to insure full understanding of the method, means, techniques, requirements and limitations of the product to insure proper installation. Additionally, the Department's Construction representative shall be present for the initial installation of the first 500 LF of pipe material on the project. The installation method for the selected optional pipe material shall be incorporated into the Contractor's Quality Control Plan after the installation procedure for the first 500 LF of pipe has been completed. No additional pipe installation shall be allowed past that indicated above until the initially installed pipe materials have been tested and approved. The pipe manufacturer's technical representative is encouraged to be present during initial installation of pipe materials to insure proper installation techniques are incorporated into the Contractor's QC Plan.
8. Water Tight Joints shall be required for all pipe connections.
9. All precast storm sewer manholes and inlets shall be provided with resilient connectors as specified in Chapter 942-3 of the FDOT Standard Specifications for Road and Bridge Construction. Masonry sealing of pipe connections will not be allowed without approval of the District Design Engineer.
10. Pipe material type installed on the project shall be indicated on the As-built drawings by the construction representative.
11. The contractor shall only use one type of pipe material between structures and for some size run of pipes.
12. Dissimilar materials shall be constructed in accordance with the Standard Indexes.
13. Pipe shapes other than round (Elliptical/Arch) are summarized and paid for using equivalent round pipe diameter.

STRUCTURE	SIZE (Inches)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-506, S-507B, S-507C	18"	RCP CLASS II	X		Twigg's
S-519, S-524,		FRCP CLASS II			
S-553 to S-555, S-557,		PVC (ASTM F 949)			
S-558, S-560, S-561,					
S-564, S-587, S-591A,					
S-593, S-618 to S-620,					
S-639, S-641,					
S-643 to S-645, S-646A,					
S-649A, S-650 to S-653,					
S-655, S-691, S-693,					
S-694, S-694A					
S-589 to S-591, S-697	24"	RCP CLASS II FRCP CLASS II PVC (ASTM F 949)	X		Floribrasica
S-650, S-651, S-652, S-652A, S-652B					Chelsea
					For Quantities only
					<i>[Signature]</i> 11/6/08

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

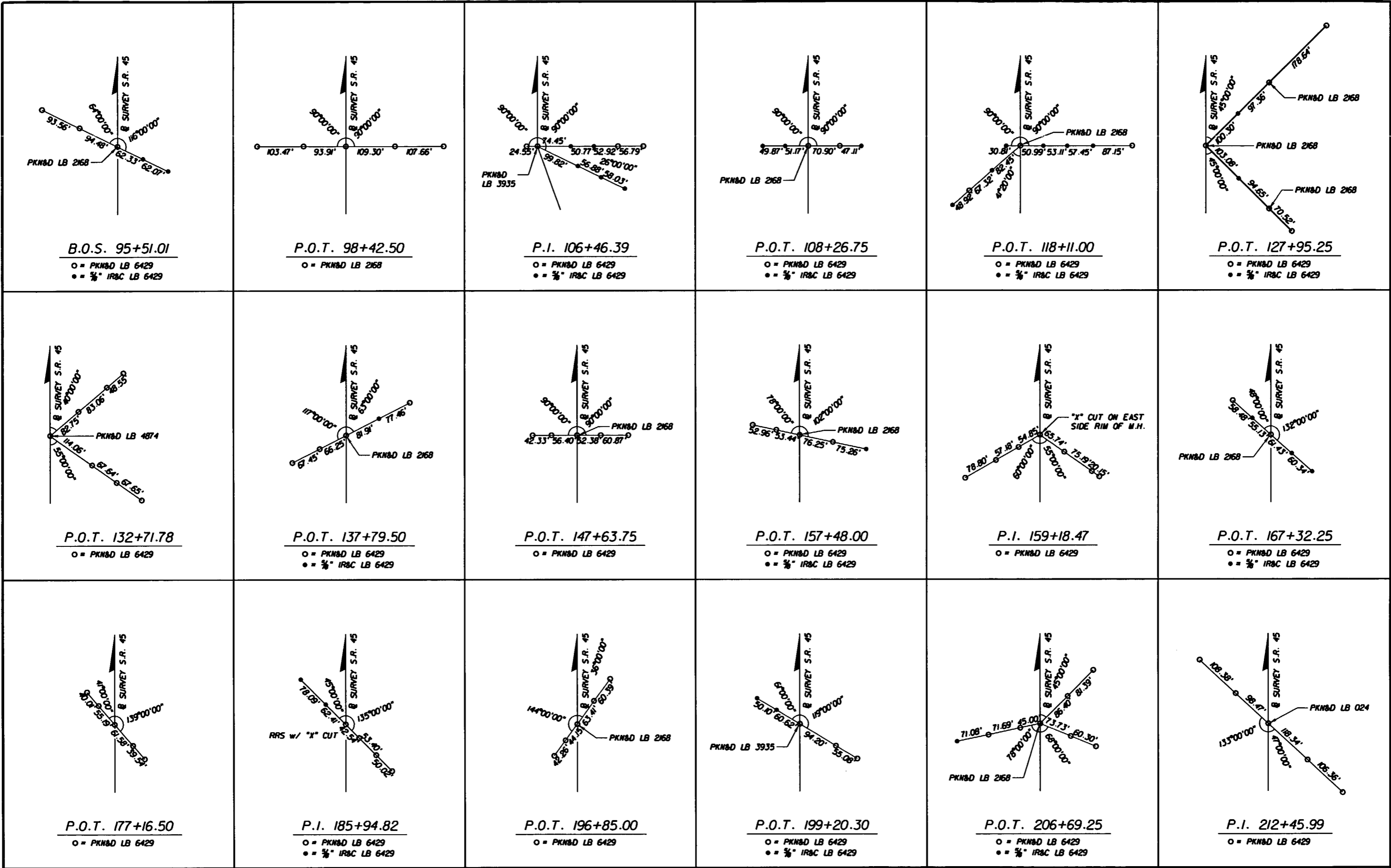
M. ARASTEH, P.E.  
 P.E. LICENSE NUMBER 49110  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**OPTIONAL MATERIALS  
TABULATION**

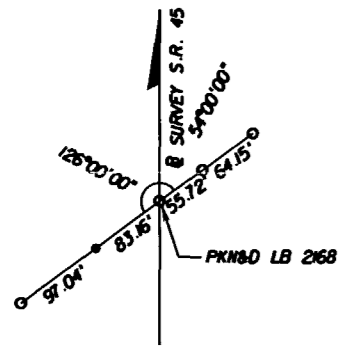
SHEET NO.  
19

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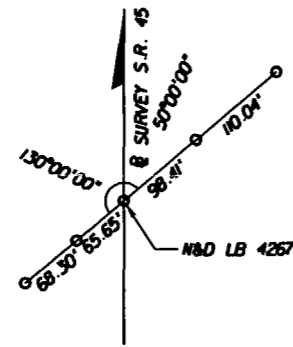
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			REFERENCE POINTS (1 OF 2)	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		20
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



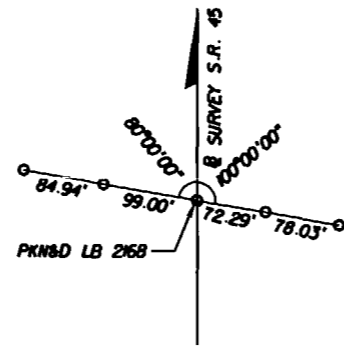
P.O.T. 216+53.50

○ = PKN&D LB 6429  
● = 3/8" IR&C LB 6429



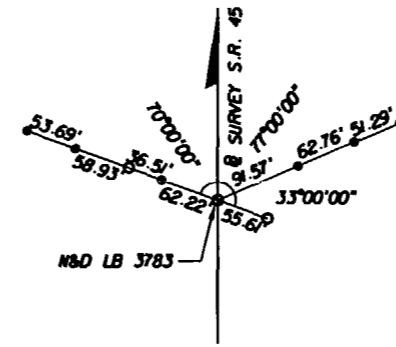
P.I. 225+65.68

○ = PKN&D LB 6429



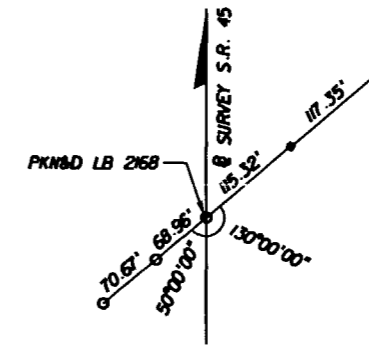
P.O.T. 235+56.38

○ = PKN&D LB 6429



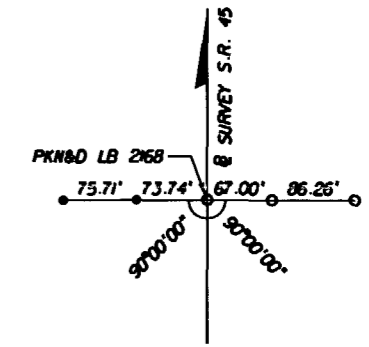
P.O.T. 238+91.02

○ = PKN&D LB 6429  
● = 3/8" IR&C LB 6429



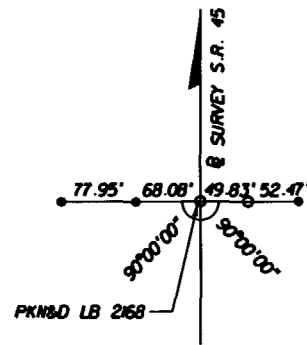
P.O.T. 246+06.25

○ = PKN&D LB 6429  
● = 3/8" IR&C LB 6429



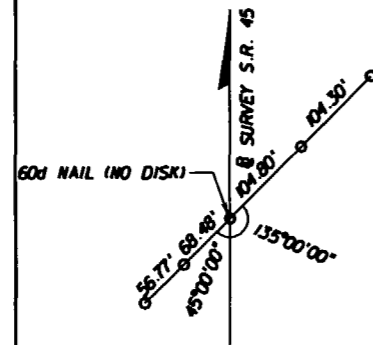
P.I. 253+40.07

○ = PKN&D LB 6429  
● = 3/8" IR&C LB 6429



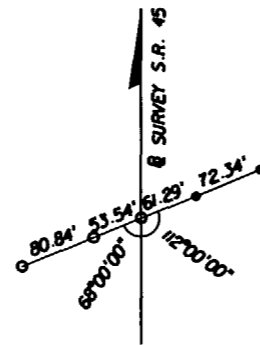
P.O.T. 260+00.00

○ = PKN&D LB 6429  
● = 3/8" IR&C LB 6429



P.I. 265+40.11

○ = PKN&D LB 6429



E.O.S. 269+00.00

○ = PKN&D LB 6429  
● = 3/8" IR&C LB 6429

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

REFERENCE POINTS (2 OF 2)

SHEET NO.
21

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



BENCH MARK NO. 3  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 99+88.23 (@ SURVEY)  
64.56' RT.  
EL. 19.900

BENCH MARK NO. 4  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 109+97.66 (@ SURVEY)  
62.24' RT.  
EL. 22.056

Sta. 110+97.66  
CB/L Survey

BENCH MARK NO. 5  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 120+90.61 (@ SURVEY)  
55.09' RT.  
EL. 23.822

BENCH MARK NO. 6  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 132+54.41 (@ SURVEY)  
87.75' RT.  
EL. 43.286

BENCH MARK NO. 7  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 143+10.19 (@ SURVEY)  
129.73' RT.  
EL. 40.170

New BM 7-R  
Sta. 143+08.2  
B/L Survey  
132.2' RT.

BENCH MARK NO. 8  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 154+03.17 (@ SURVEY)  
74.40' RT.  
EL. 43.208

New BM 8-R  
Sta. 154+07.7  
B/L Survey  
75.5' RT.

BENCH MARK NO. 9  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 166+41.48 (@ SURVEY)  
78.09' RT.  
EL. 45.072

BENCH MARK NO. 10  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 177+87.09 (@ SURVEY)  
47.96' RT.  
EL. 44.602

BENCH MARK NO. 11  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 187+05.53 (@ SURVEY)  
98.63' LT.  
EL. 45.078

BENCH MARK NO. 13  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 198+80.67 (@ SURVEY)  
107.38' RT.  
EL. 47.492

BENCH MARK NO. 14 (RESET)  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" X 4"  
CONCRETE MONUMENT  
STA. 208+99.82 (@ SURVEY)  
62.55' LT.  
EL. 50.717

Reset BM  
Elev. 50.65

BENCH MARK NO. 15  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 218+88.08 (@ SURVEY)  
88.68' RT.  
EL. 50.359

Based on URS  
Surveyor's Notes  
*[Signature]*  
11/6/08

BENCH MARK NO. 16  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 229+12.50 (@ SURVEY)  
67.16' RT.  
EL. 51.061

BENCH MARK NO. 17  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 240+99.61 (@ SURVEY)  
55.44' RT.  
EL. 49.577

BENCH MARK NO. 18  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 253+63.71 (@ SURVEY)  
46.52' RT.  
EL. 47.639

BENCH MARK NO. 19  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 265+96.96 (@ SURVEY)  
42.72' RT.  
EL. 45.194

BENCH MARK NO. 20  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" DIAMETER  
CONCRETE MONUMENT  
STA. 275+05.71 (@ SURVEY)  
66.38' RT.  
EL. 40.508

BENCH MARK NO. R-53  
STANDARD F.D.O.T. BRASS  
DISK ON A 4" X 4"  
CONCRETE MONUMENT  
STA. 270+11.58 (@ SURVEY)  
348.70' LT.  
EL. 42.305

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BENCHMARKS	SHEET NO.  22
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

**GENERAL NOTES:**

- 1) THE BENCH MARK DATUM IS NGVD 29.
- 2) ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR WITHOUT DELAY BY TELEPHONE, (CONTACT MR. DENNIS JENT AT PH. NO. 813-975-6778, DISTRICT VII SURVEY DEPARTMENT).
- 3) EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO REMAIN, UNLESS OTHERWISE NOTED.
- 4) AT ALL LOCATIONS, SAWCUT AND CONNECT EXISTING SIDEWALK TO PROPOSED SIDEWALK. AT ALL LOCATIONS SAWCUT AND CONNECT EXISTING CURB TO PROPOSED CURB. ALL PAVEMENT REMOVAL AREAS SHALL BE SAWCUT. SEE PAY ITEM FOOTNOTES.
- 5) STATION AND OFFSET CALL OUTS WITHIN THE ROADWAY PLANS ARE REFERENCED FROM THE @ SURVEY S.R. 45 UNLESS OTHERWISE NOTED.
- 6) CONTACT CSX ROADMASTER MARK WILSON, (813) 664-6372 TO ARRANGE FLAGGING SERVICES FOR ANY CONSTRUCTION WORK ON CSXT RIGHT OF WAY. GIVE NOTICE TO FLAGGER 45 DAYS PRIOR.
- 7) ANY FENCING REMOVED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED AND TIED BACK TO EXISTING. THE CONTRACTOR SHALL SECURE FENCE DAILY.
- 8) CONTRACTOR IS NOT TO REMOVE ANY LANDSCAPING ADJACENT TO UNION STATION.
- 9) THE CONTRACTOR SHALL OBTAIN A RIGHT OF WAY USE PERMIT FROM THE CITY OF TAMPA FOR ANY CONSTRUCTION ACTIVITY OCCURRING WITHIN CITY OF TAMPA RIGHT OF WAY.
- 10) THE POSSIBILITY OF BURIED R/R TRACKS EXIST WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL USE CAUTION WHEN WORKING IN THESE AREAS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS PRIOR TO COMMENCING CONST. ACTIVITIES.
- 11) THE CONTRACTOR IS RESPONSIBLE FOR ALL TESTING EXCEPT FOR WHAT IS COVERED UNDER THE UTILITIES TECHNICAL SPECIAL PROVISION.
- 12) AREAS OF CONCRETE REMOVAL ARE SHOWN IN THE SPECIAL DETAILS SHEETS.
- 13) THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER 96 HOURS PRIOR TO CLEARING AND GRUBBING EXISTING SPRINKLER SYSTEMS, SIGNS, OR LANDSCAPING TO BE REMOVED WITHIN THE PROJECT LIMITS. THE CONTRACTOR WILL RETURN ITEMS TO THE PROPERTY OWNER.
- 14) THE CONTRACTOR SHALL TAKE CAUTION APPROACHING INTERSECTIONS WHILE MILLING DUE TO REDUCED ASPHALT THICKNESS IN THE INTERSECTIONS THROUGHOUT THE PROJECT. MILLING DEPTHS MAY NEED TO BE ADJUSTED THROUGHOUT THE PROJECT IF THE MILLING HEADS ENCOUNTER BRICK.
- 15) THE CONTRACTOR MUST COORDINATE WITH HARTLINE AT PROJECT COMMENCEMENT IN ORDER TO OBTAIN BUILDING PERMITS FOR SHELTERS THAT WILL LATER BE PLACED ON PADS, AND ONCE THE PERMITS ARE OBTAINED BY HART, CONTRACTOR MUST SET UP SLAP INSPECTIONS AT FORMS STAGE PRIOR TO POURING SHELTER PADS.
- 16) AT LOCATIONS WHERE EXISTING CURB IS BEING REPLACED WITH NEW CURB, THE NEW CURB SHALL BE SET AT THE EXIST. LOCATION AND ELEVATION. POSITIVE STORMWATER CONVEYANCE SHALL BE MAINTAINED.
- 17) THE PARCEL OWNED BY THE DEPARTMENT OF TRANSPORTATION LOCATED AT 707 EAST COLUMBUS DRIVE, TAMPA, FL, (FOLIO NO. 191860000) IS AVAILABLE TO THE CONTRACTOR AS A CONSTRUCTION STAGING AREA. FOR ACCESS TO THE PARCEL, CONTACT JENNIFER HOWARD AT (813) 975-6746. PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL RESTORE THE PARCEL TO PRE-CONSTRUCTION CONDITIONS, AS APPROVED BY THE ENGINEER.

**UTILITY NOTES:**

- 1) THE CONTRACTOR IS HEREBY NOTIFIED THAT ABOVE GROUND OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT.
- 2) THE CONTRACTOR SHALL NOTIFIED THE UTILITIES OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA, INC. (1-800-432-4770) AND UTILITIES OWNERS LISTED BELOW 48 HOURS IN ADVANCE OF BEGINNING WORK.
- 3) THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED W, Vn AND Vm) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- 4) FOR UTILITIES SYMBOLS, SEE FDOT DESIGN STANDARDS, INDEX NO. 002.
- 5) FOR DISPOSITION OF UTILITIES, SEE UTILITY WORK BY HIGHWAY CONTRACTOR AGREEMENT PLANS OR UTILITIES ADJUSTMENT SHEETS.
- 6) FOR INFORMATION OF SANITARY MANHOLES, SEE UTILITY ADJUSTMENT SHEET SUE LOCATES (3 OF 3).
- 7) EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.

**UTILITY OWNERS:**

TAMPA ELECTRIC COMPANY  
MS. ARLENE BROWN  
2200 E. SLIGH AVE  
TAMPA, FL 33610  
(813) 275-3428

TECO / PEOPLES GAS SYSTEMS, INC.  
MR. FRANK KISTNER  
1400 N. CHANNELSIDE DRIVE  
TAMPA, FL 33605  
(813) 275-3731

VERIZON FLORIDA, INC.  
MR. MIKE HALL  
10402 N. 56TH STREET  
TEMPLE TERRACE, FL 33617  
(813) 989-7911

ADELPHIA BUSINESS SOLUTIONS  
MR. JAY MALINOWSKI  
5401 W. KENNEDY BLVD., SUITE 240  
TAMPA, FL 33609  
(813) 202-7010

MC1 WORLDCOM - OUTSIDE PLANT  
MR. GEORGE VAUGHN  
8212 WOODLANDS CENTER BLVD. SUITE G  
TAMPA, FL 33614  
(813) 262-1913

LEVEL 3 COMMUNICATIONS  
MR. ANTHONY DAMMEL  
7909 WOODLAND CENTER  
TAMPA, FL 33614  
(813) 349-1431

BUSINESS TELECOM INC.  
MR. W. SEAN PATTERSON  
4300 SIX FORKS RD.  
RALEIGH, NC 27609  
(919) 863-7698

AT & T COMMUNICATIONS, INC./  
MR. BILL MERCER  
2261 MASSARO BLVD.  
TAMPA, FL 33619  
(813) 628-5140

CITY OF TAMPA SEWER DEPT.  
MS. BARBARA KILGROE  
306 E. JACKSON STREET, 6N  
TAMPA, FL 33602  
(813) 274-8936

CITY OF TAMPA WATER DEPT  
MR. CHRIS BARQUIN  
306 E. JACKSON STREET, 5E  
TAMPA, FL 33602  
(813) 274-8678

BRIGHT HOUSE NETWORKS  
MR. BARRY BEATTY  
525 GRAND REGENCY BLVD.  
BRANDON, FL 33510-3933  
(813) 684-6000 EXT.:325

XSPEDIUS MANAGEMENT COMPANY  
MR. JULIO ORJUELA  
1919 NW 19TH STREET, BLDG. 6, SUITE 622  
FT. LAUDERDALE, FL 33311  
(954) 334-0313

EPIK COMMUNICATIONS INC.  
MR. RICHARD GIBSON  
3501 QUADRANGLE BLVD.  
ORLANDO, FL 32817  
(407) 736-8180

GLOBAL CROSSING TELECOM., INC.  
MR. LUIS GARCIA  
435 W. COMMERCIAL STREET  
EAST ROCKCHESTER, NY 14445  
(585) 255-1027

FPL FIBERNET  
MR. NOEL R. REESE  
9250 W. FLAGLER STREET  
MIAMI, FL 33174  
(305) 552-3249

XO COMMUNICATIONS  
MR. GARY WALKER  
5904-A HAMPTON OAKS PARKWAY  
TAMPA, FL 33610  
(813) 301-4026

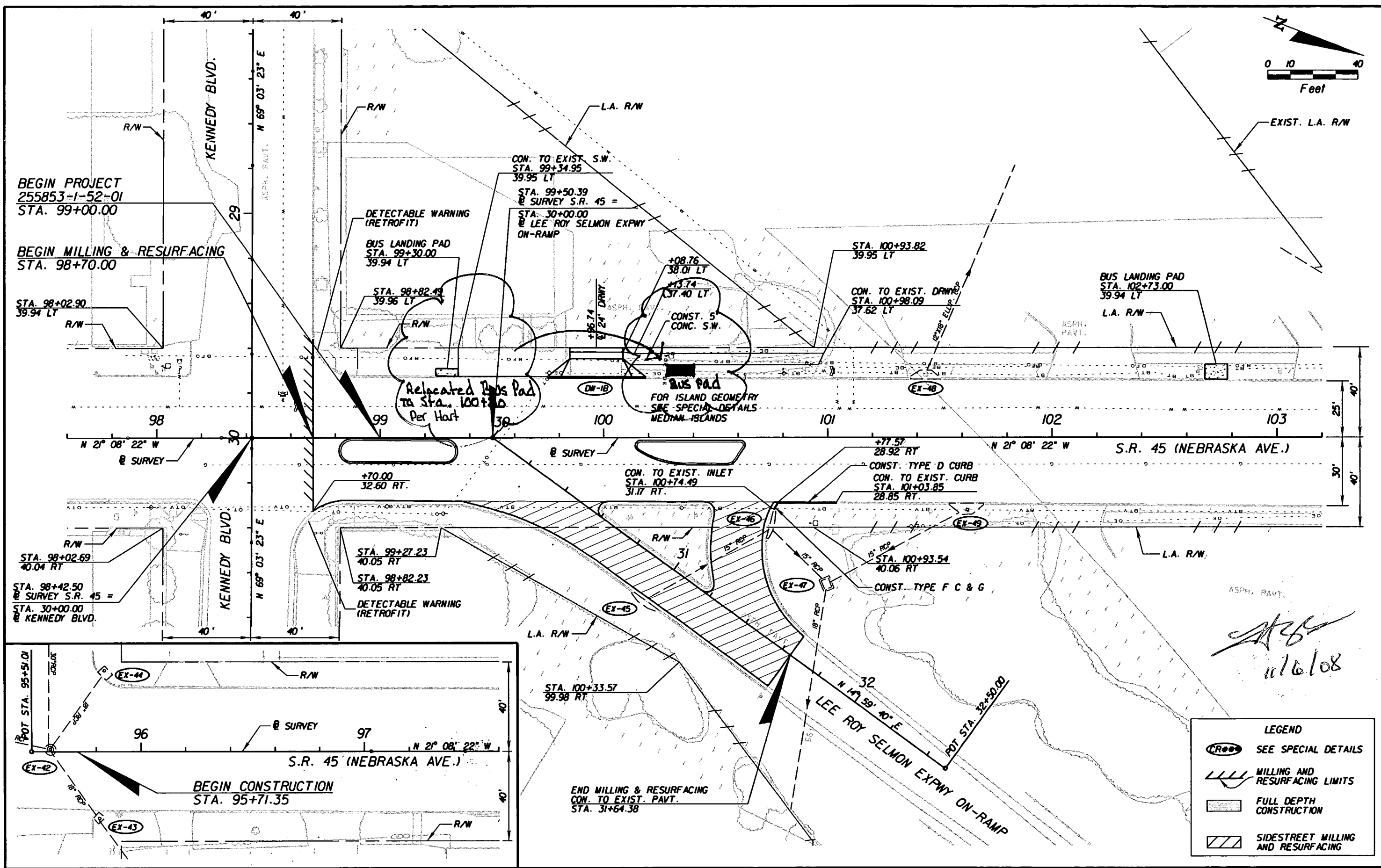
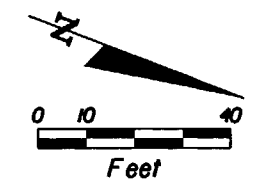
CITY OF TAMPA TRANSPORTATION  
MR. MIKE SCANLONS  
306 E. JACKSON STREET, MC 290A4E  
TAMPA, FL 33602  
(813) 274-8105

HILLSBOROUGH COUNTY TRAFFIC SERVICES  
MR. ROBERT KOVERIS DIVISION  
601 E. KENNEDY BLVD, 23RD FLOOR  
TAMPA, FL 33602  
(813) 307-1795

HARTLINE  
MR. DAN RODRIGUEZ  
201 E. KENNEDY BLVD.,  
SUITE 900 TAMPA, FL 33602-5829  
(813) 223-6831 EXT. 2209

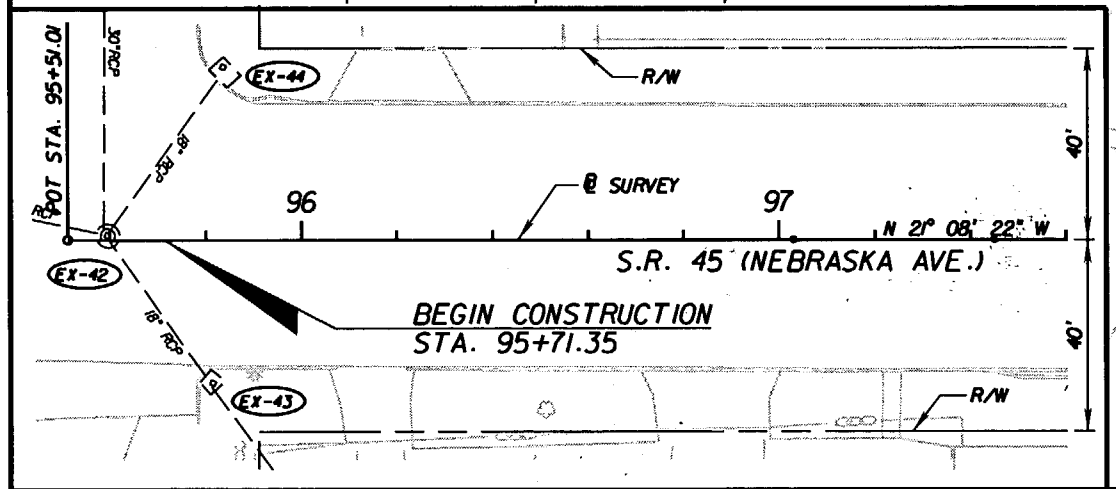
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.  23
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



*[Handwritten signature]*  
11/6/08

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING



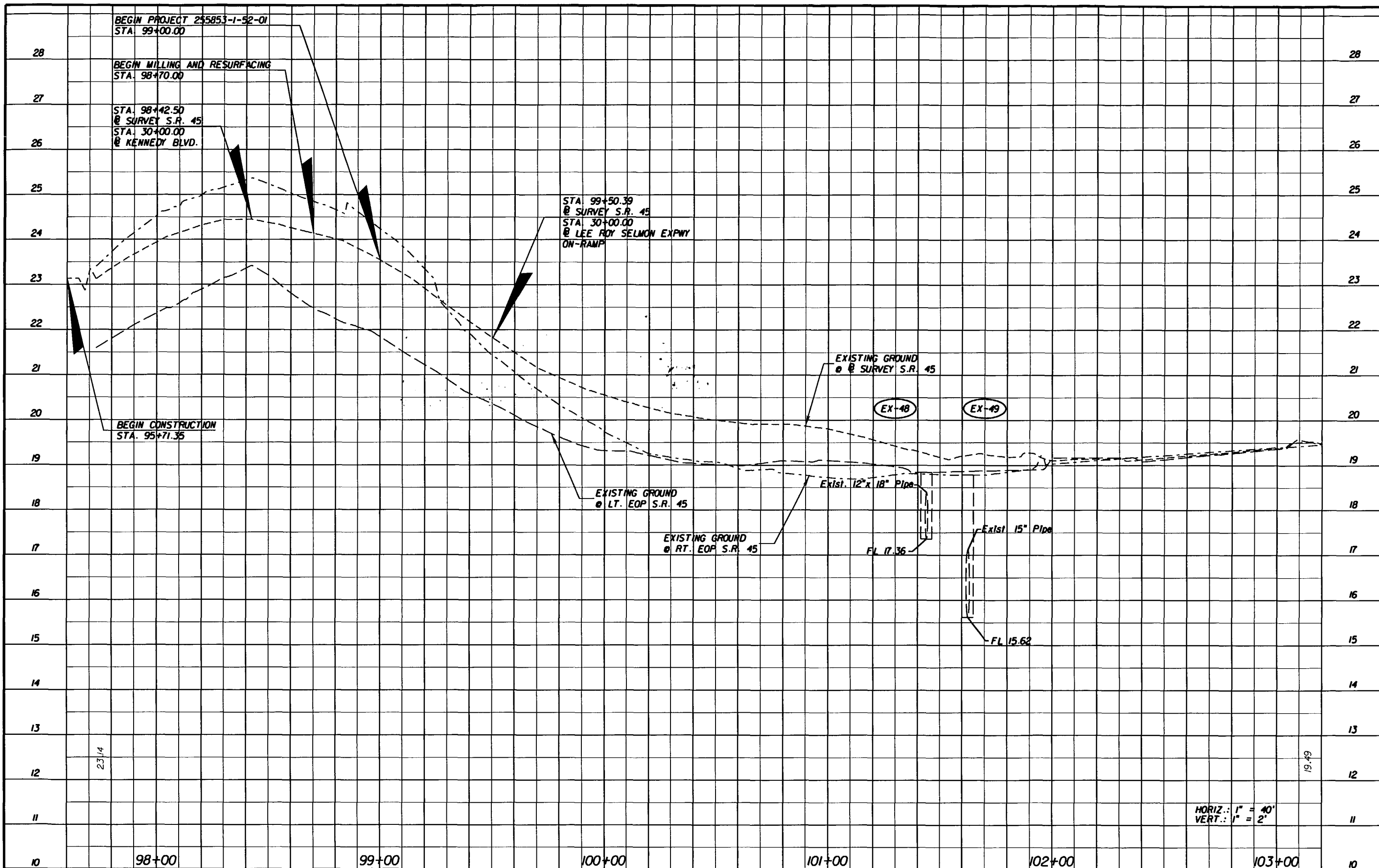
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

PLAN SHEET		SHEET NO.
97+60.00 TO 103+20.00		24

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6815-23.003, F.A.C.



HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

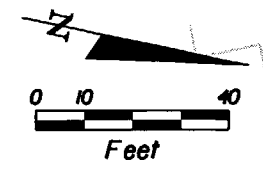
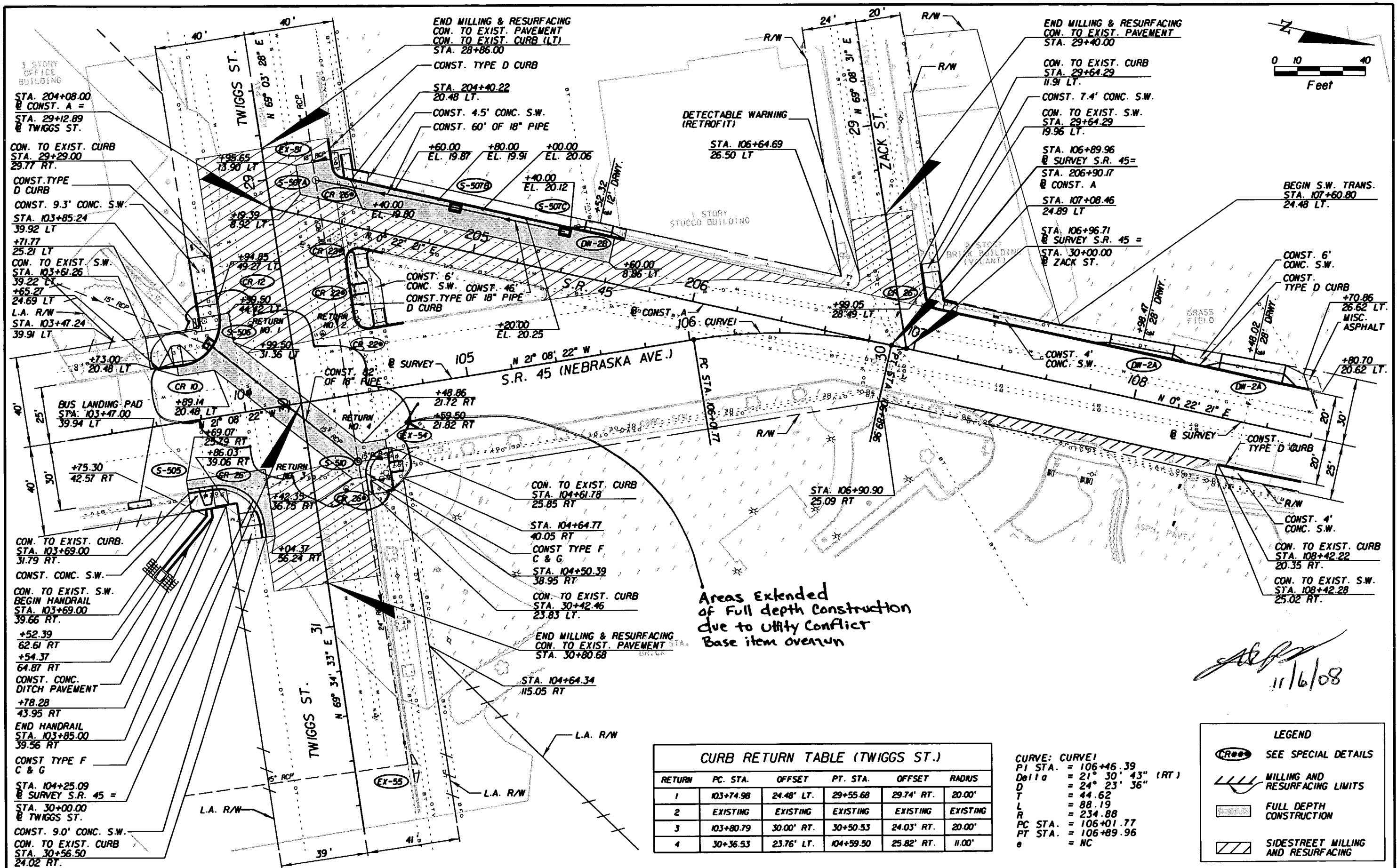
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**97+60.00 TO 103+20.00**

SHEET NO.  
 25

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Areas extended  
of Full depth Construction  
due to utility Conflict  
Base item overrun

*[Signature]*  
11/6/08

**CURB RETURN TABLE (TWIGGS ST.)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	103+74.98	24.48' LT.	29+55.68	29.74' RT.	20.00'
2	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
3	103+80.79	30.00' RT.	30+50.53	24.03' RT.	20.00'
4	30+36.53	23.76' LT.	104+59.50	25.82' RT.	11.00'

**CURVE: CURVE1**  
 PI STA. = 106+46.39  
 Delta = 21° 30' 43" (RT)  
 D = 24° 23' 36"  
 T = 44.62  
 L = 88.19  
 R = 234.88  
 PC STA. = 106+01.77  
 PT STA. = 106+89.96  
 e = NC

**LEGEND**

	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

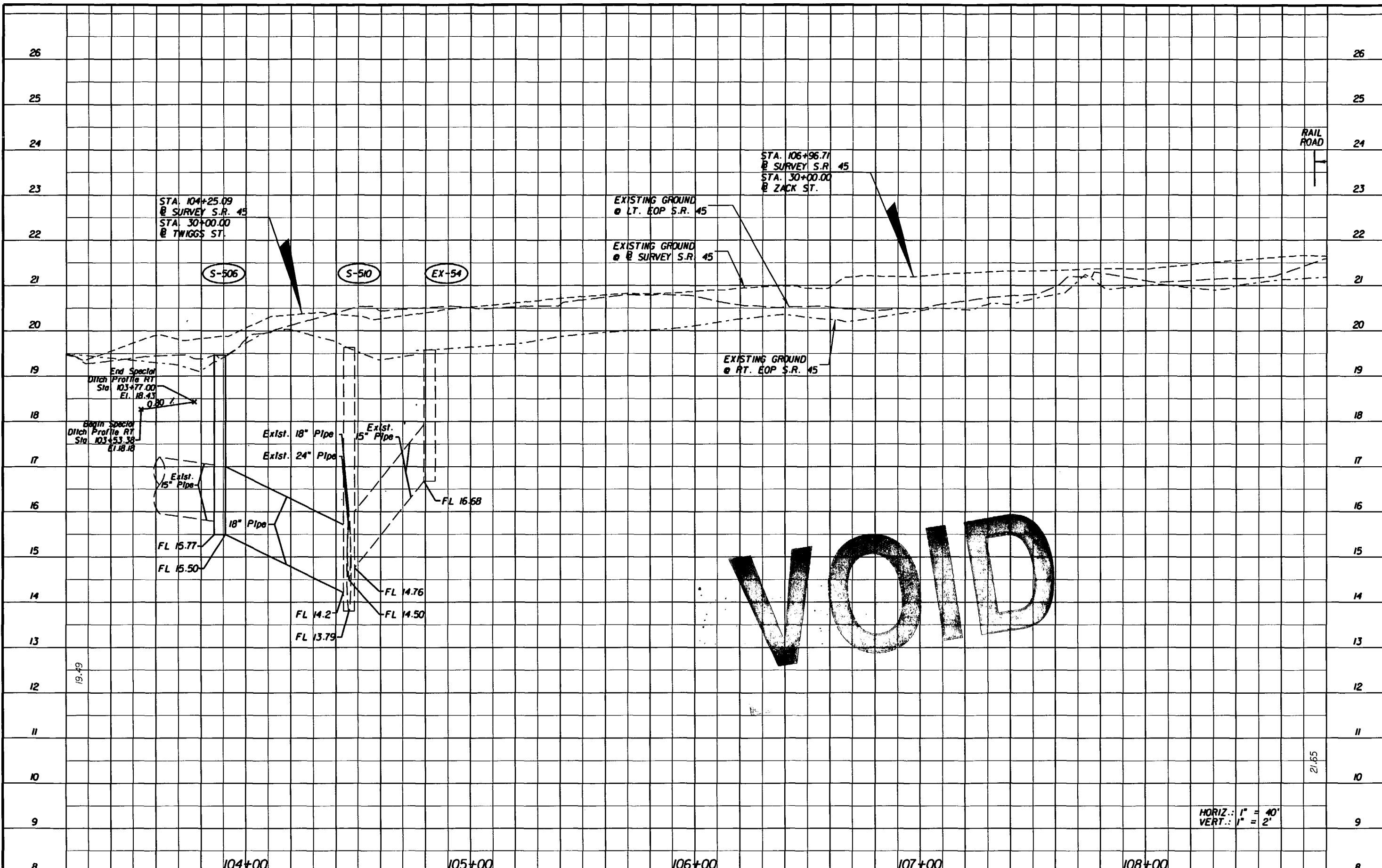
**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**103+20.00 TO 108+80.00**

SHEET NO.  
26

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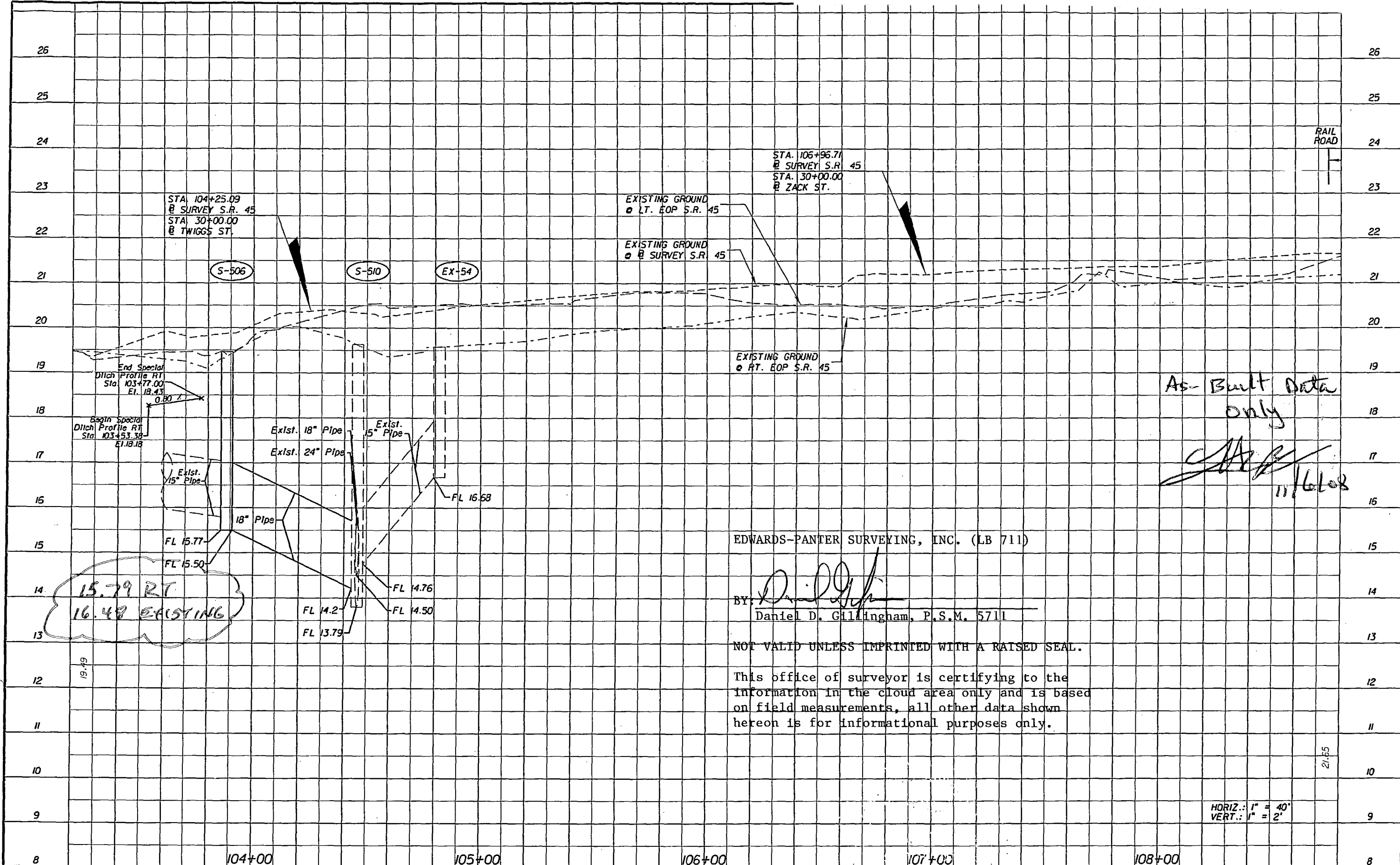


HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

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REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>103+20.00 TO 108+80.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		27
							S.R. 45	HILLSBOROUGH	255853-1-52-01		





As-Built Data  
only  
*[Signature]*  
11/6/08

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.  
This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

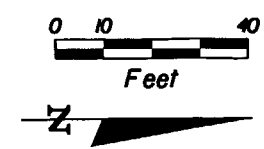
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**103+20.00 TO 108+80.00**

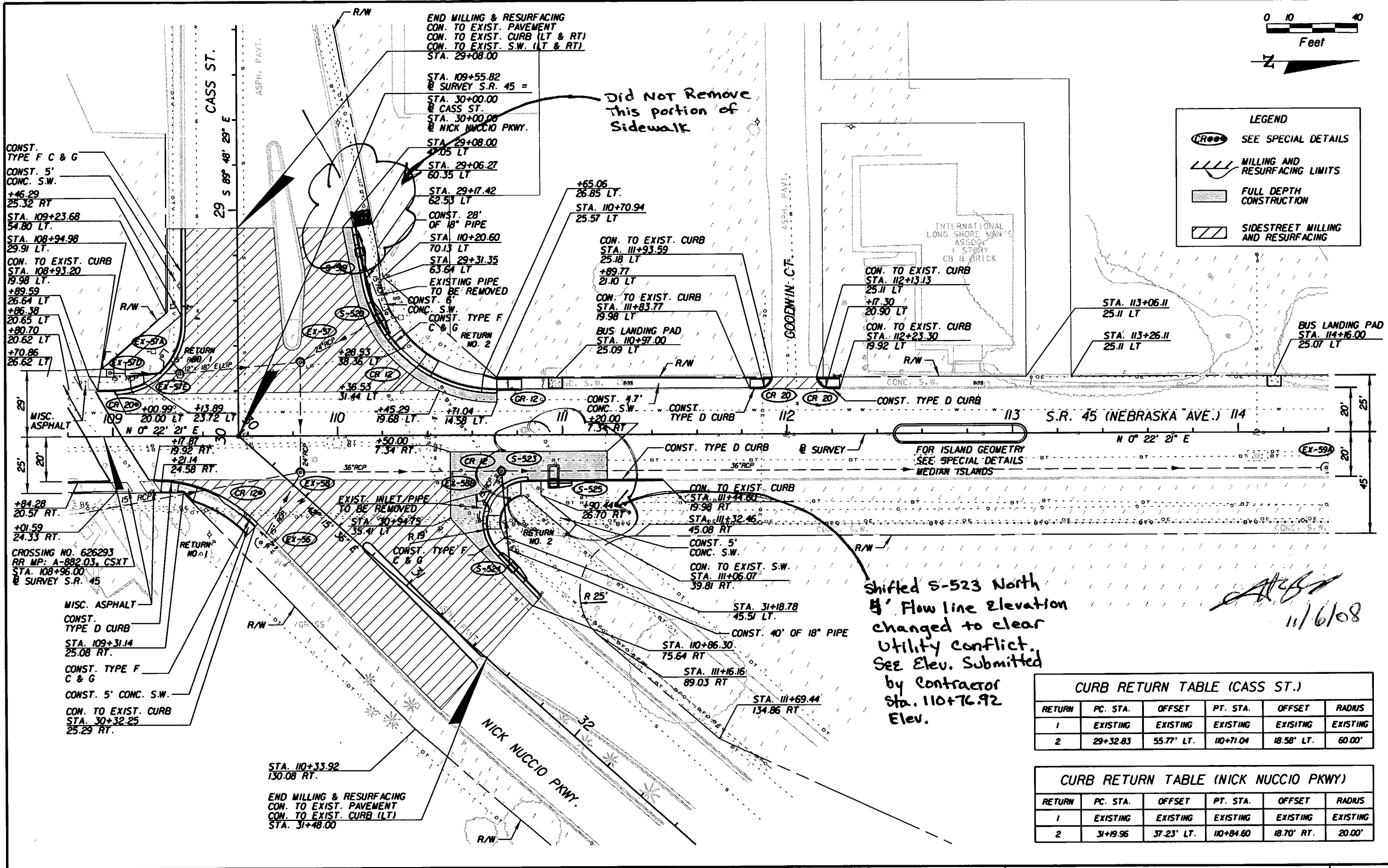
SHEET NO.  
27

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**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING



**CURB RETURN TABLE (CASS ST.)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
2	29+32.83	55.77' LT.	110+71.04	18.58' LT.	60.00'

**CURB RETURN TABLE (NICK NUCCIO PKWY)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
2	31+19.96	37.23' LT.	110+84.60	18.70' RT.	20.00'

*ASB*  
11/6/08

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

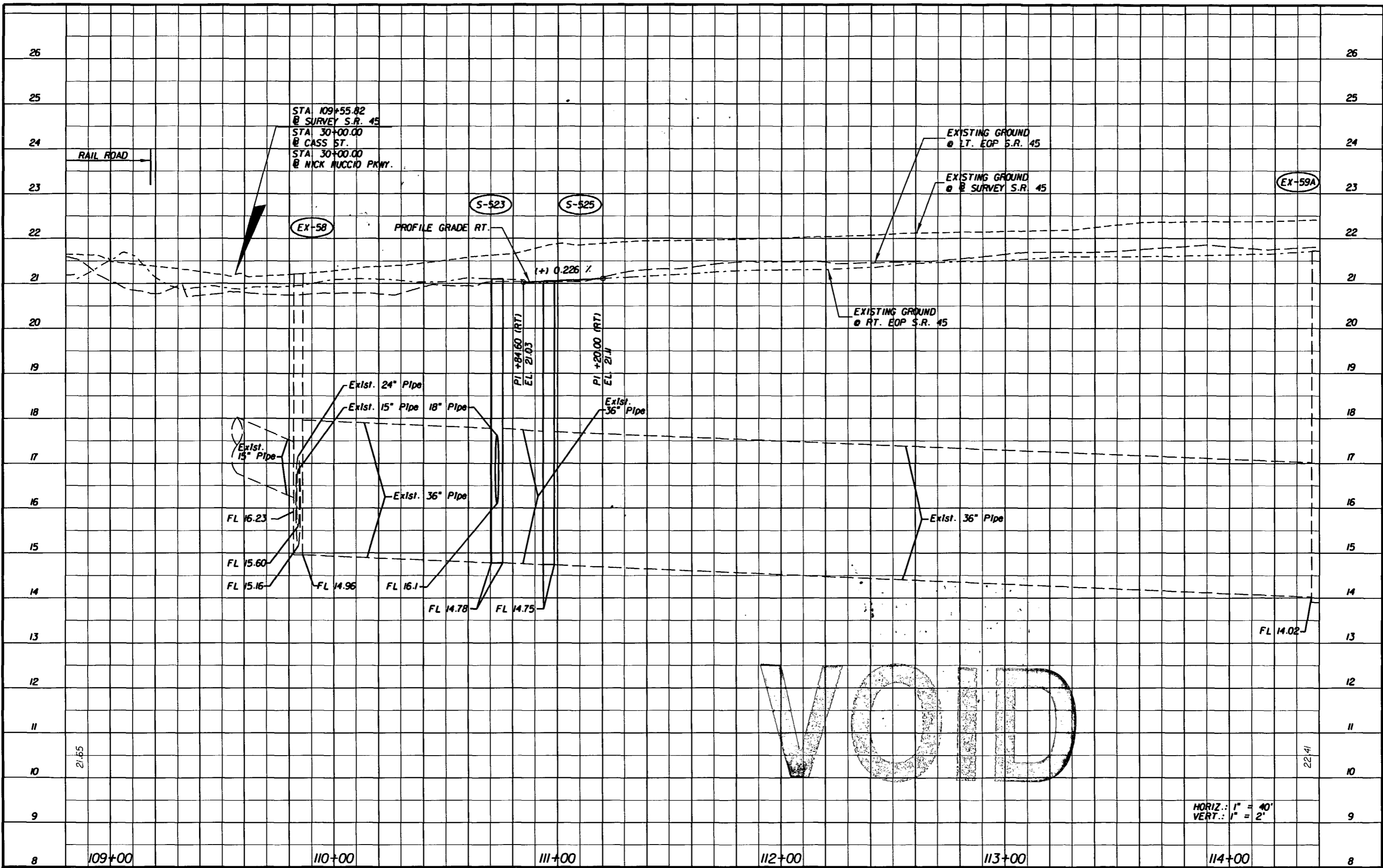
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET  
108+80.00 TO 114+40.00**

SHEET NO. 28

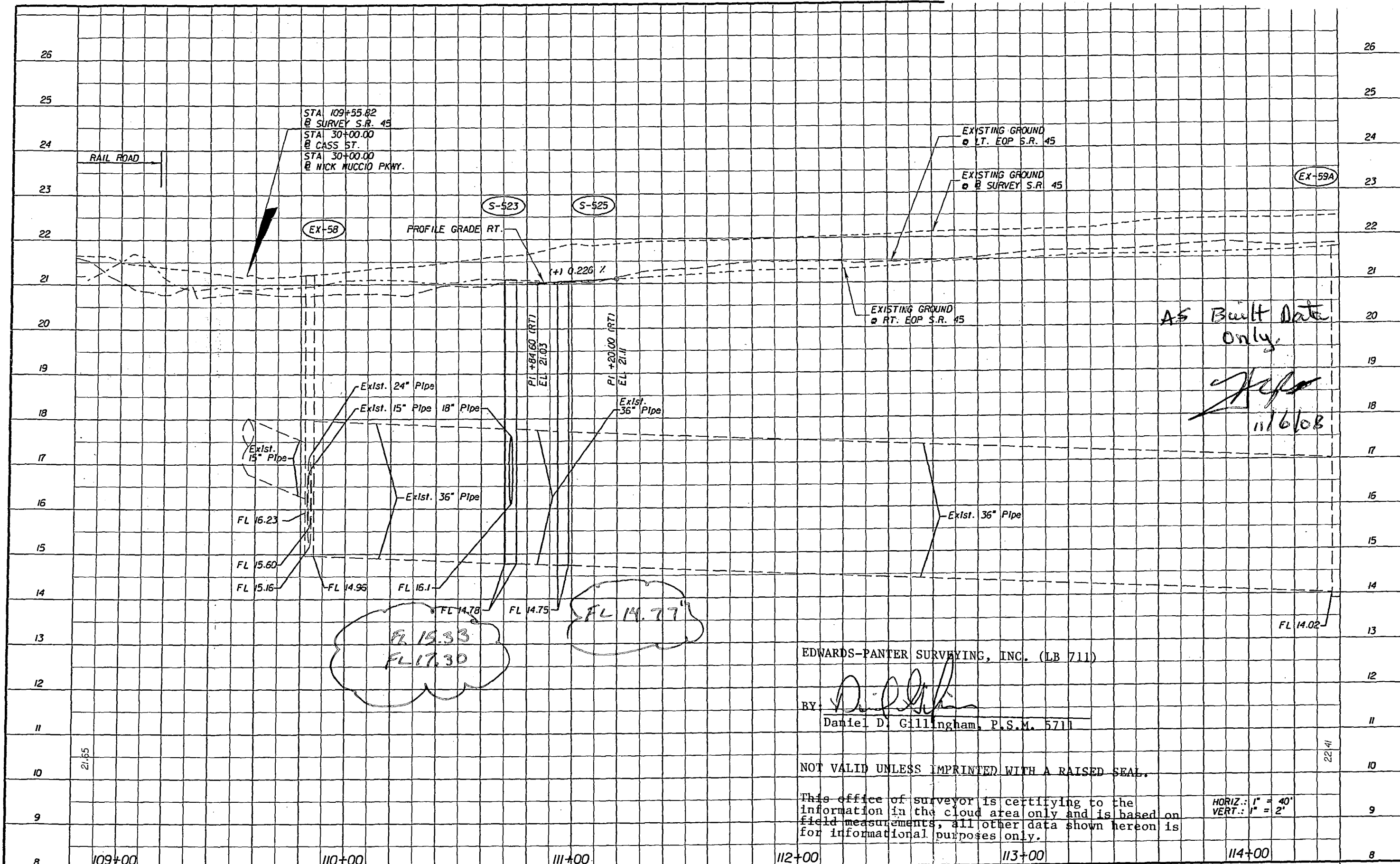
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REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>108+80.00 TO 114+40.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		29
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



AS Built Data  
Only  
*[Signature]*  
11/6/08

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

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HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

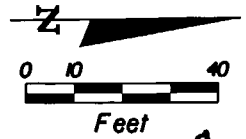
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
S.R. 45	HILLSBOROUGH	255853-1-52-01

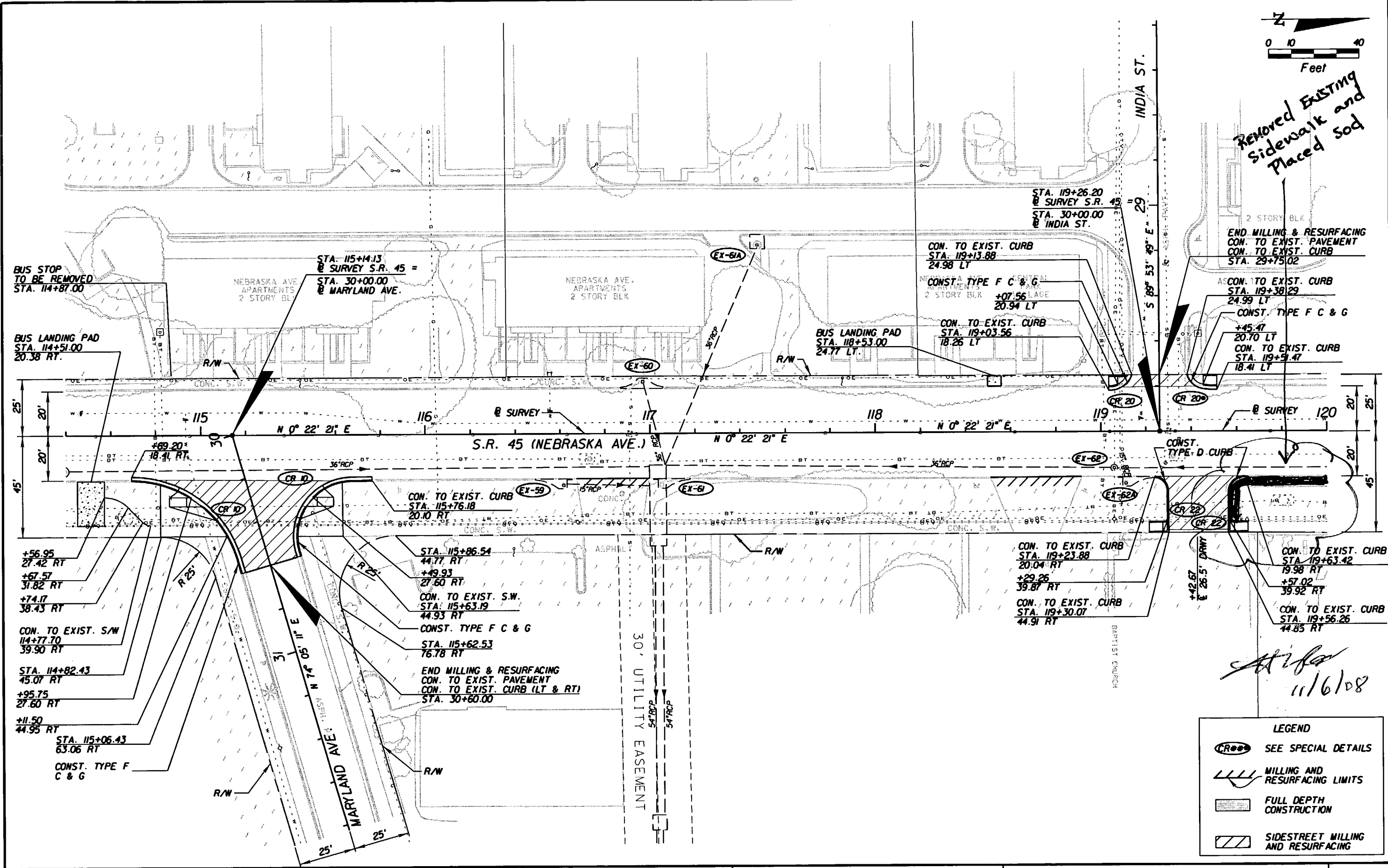
**PROFILE SHEET**  
**108+80.00 TO 114+40.00**

SHEET NO. 29

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Removed Existing Sidewalk and Placed Sod



*Handwritten signature and date: 11/6/08*

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

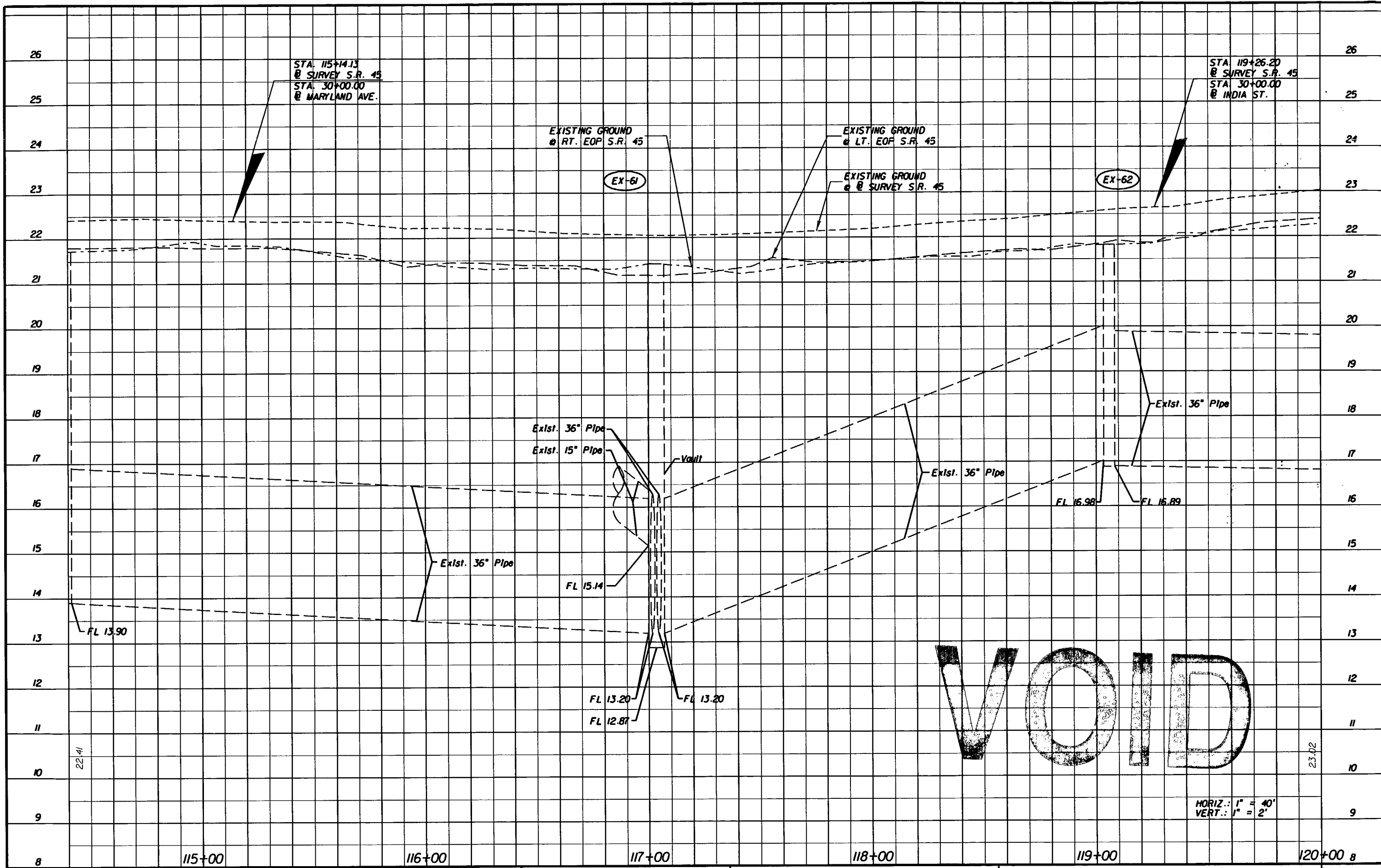
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**114+00.00 TO 120+00.00**

SHEET NO.  
 30

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**VOID**

HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

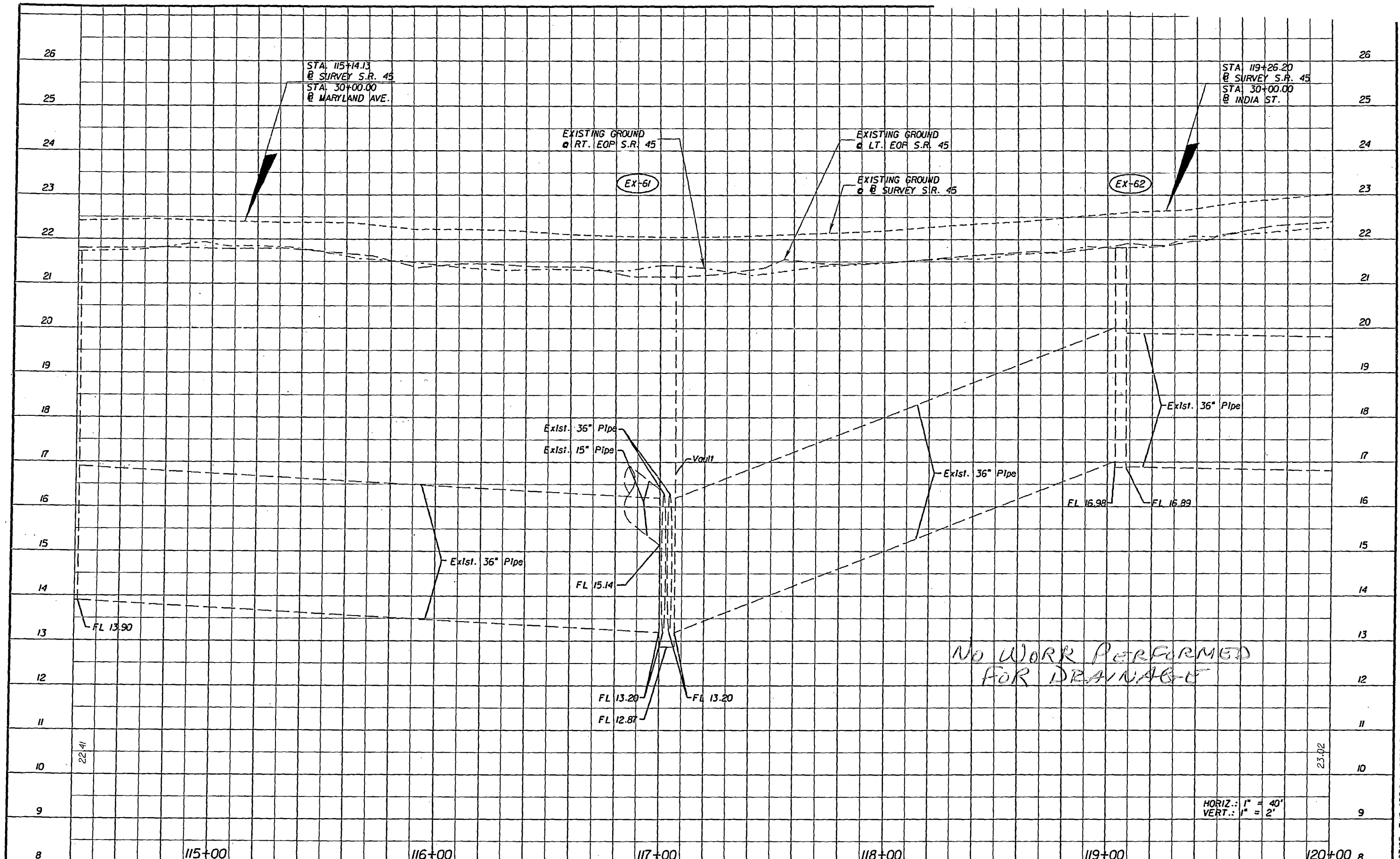
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**114+40.00 TO 120+00.00**

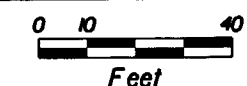
SHEET NO.  
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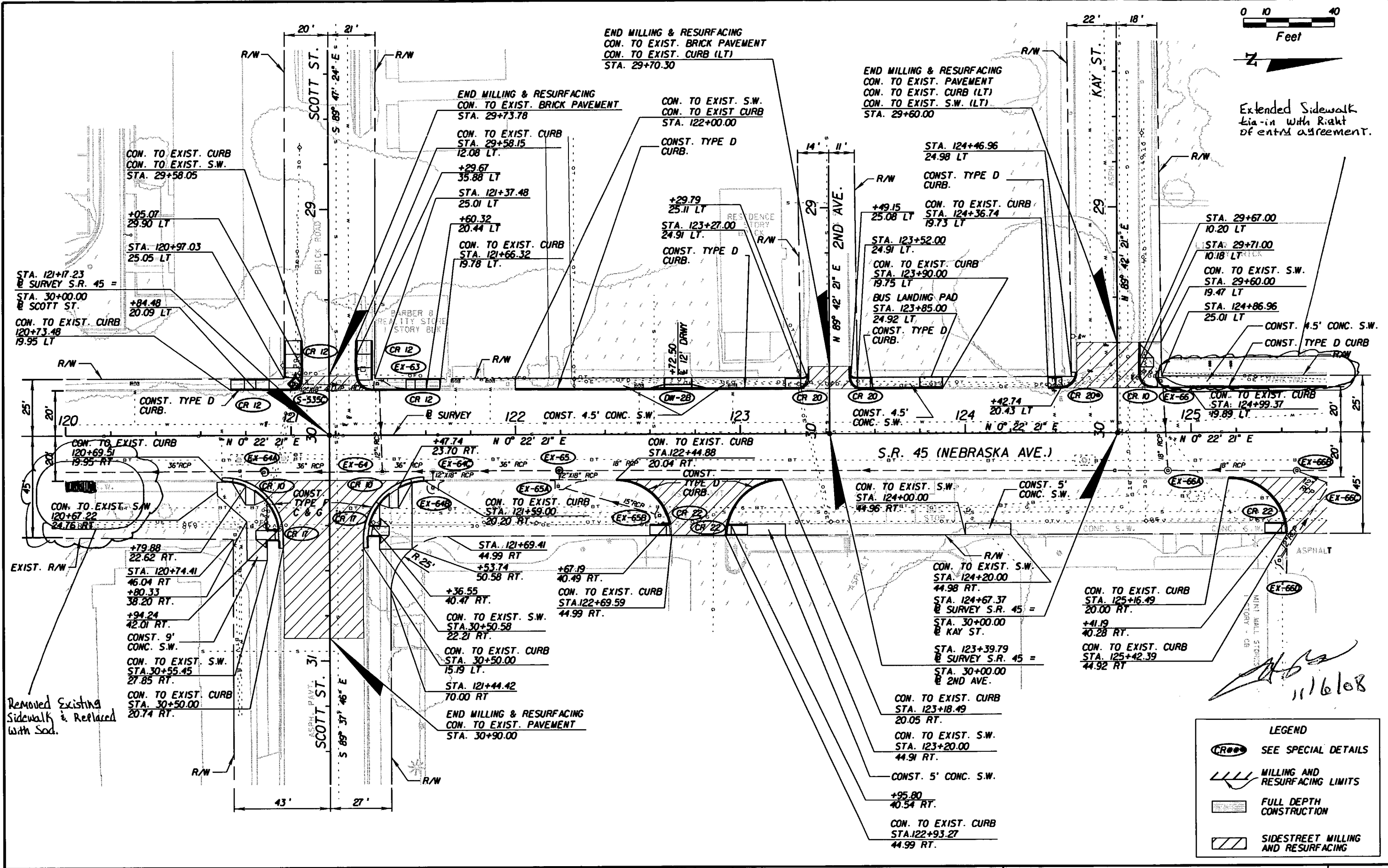
REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>114+40.00 TO 120+00.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		31
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



Extended Sidewalk  
Lia-in with Right  
of entry agreement.

END MILLING & RESURFACING  
CON. TO EXIST. BRICK PAVEMENT  
CON. TO EXIST. CURB (LT)  
STA. 29+70.30

END MILLING & RESURFACING  
CON. TO EXIST. PAVEMENT  
CON. TO EXIST. CURB (LT)  
CON. TO EXIST. S.W. (LT)  
STA. 29+60.00



Removed Existing  
Sidewalk & Replaced  
with Sod.

*[Handwritten Signature]*  
11/6/08

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

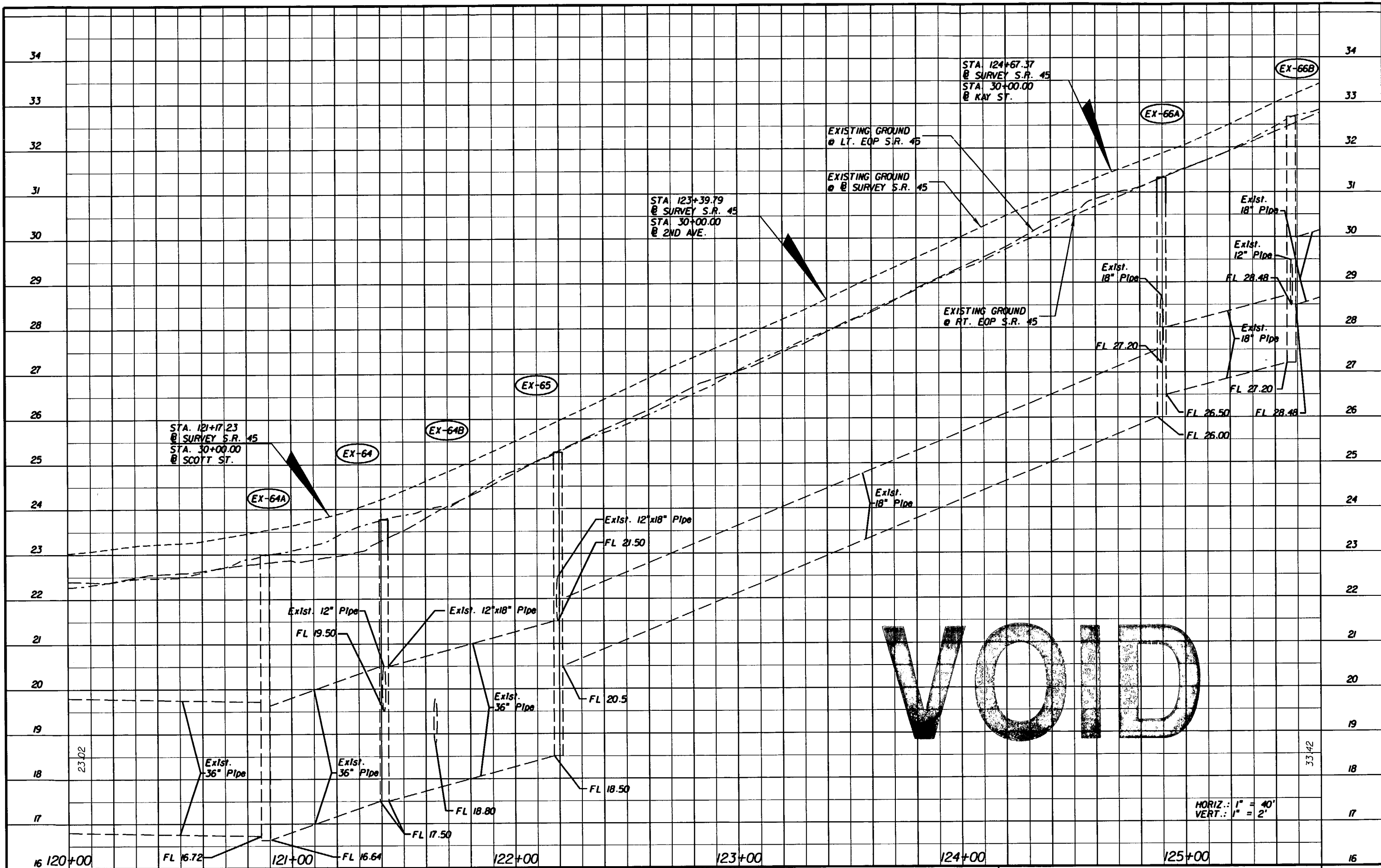
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

<b>PLAN SHEET</b>		SHEET NO.
120+00.00 TO 125+60.00		32

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**VOID**

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

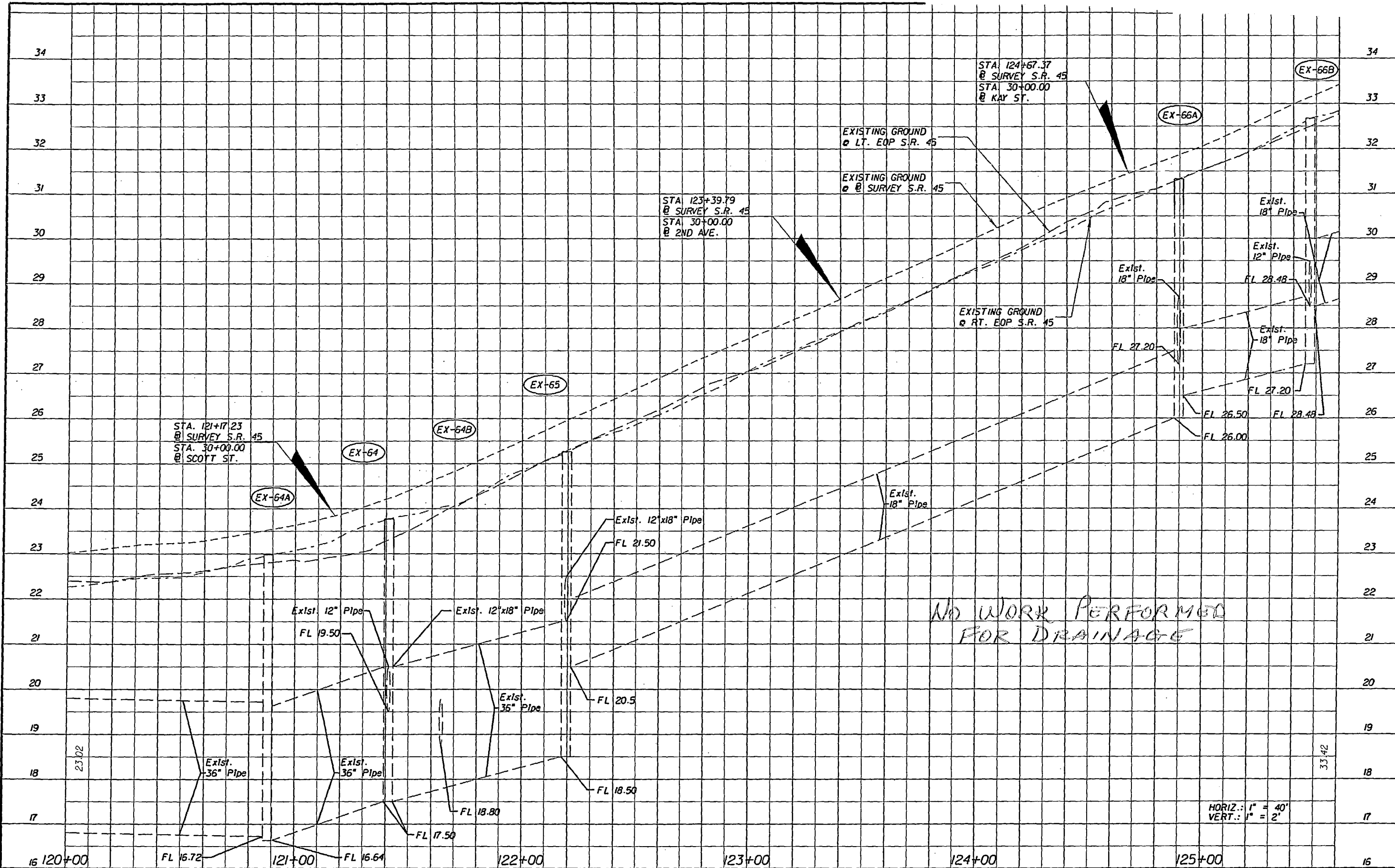
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILES SHEET**  
**120+00.00 TO 125+60.00**

SHEET NO.  
33

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILES SHEET**  
**120+00.00 TO 125+60.00**

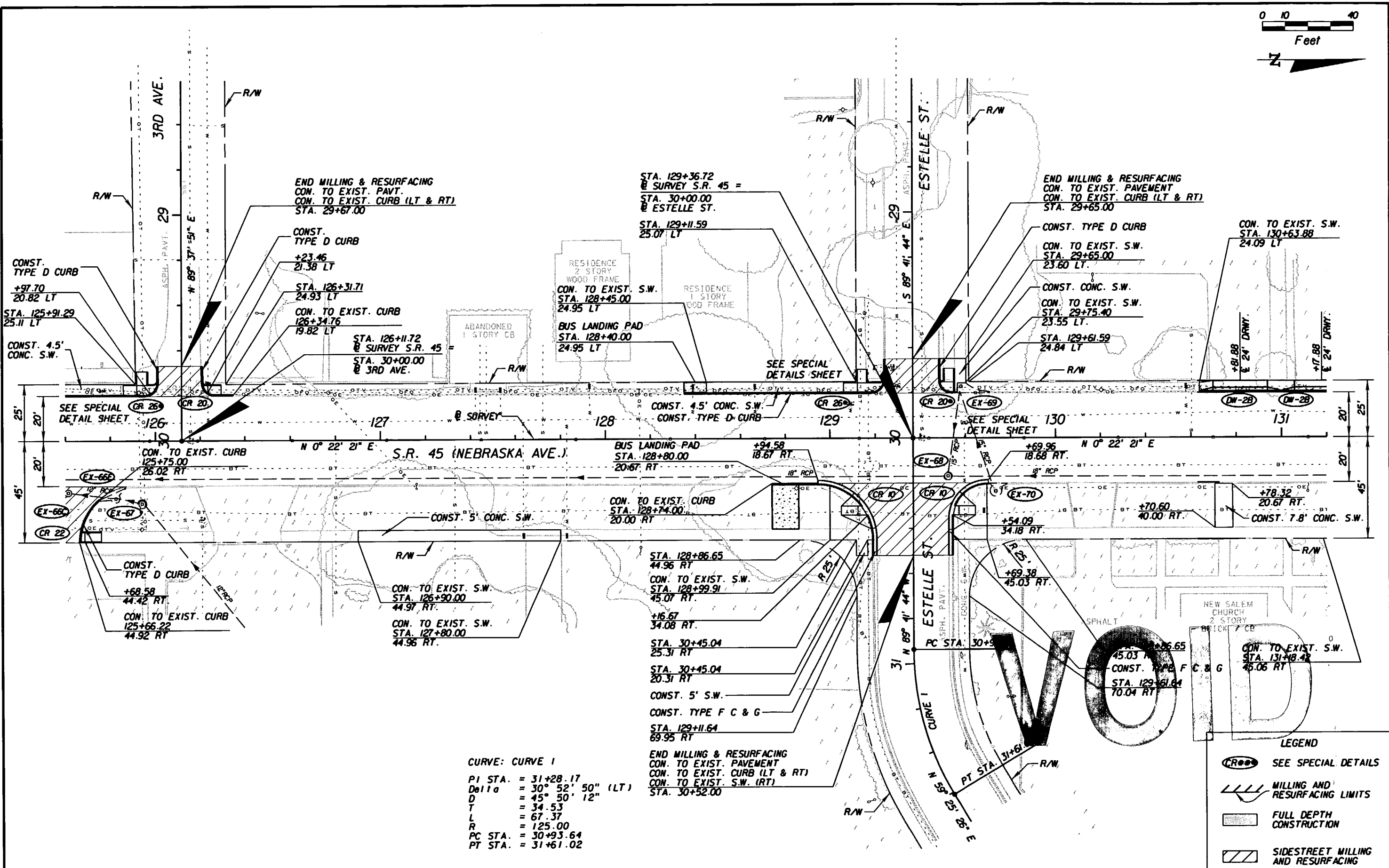
SHEET NO. 33

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.





Feet



**CURVE: CURVE 1**  
 PI STA. = 31+28.17  
 Delta = 30° 52' 50" (LT)  
 D = 45° 50' 12"  
 T = 34.53  
 L = 67.37  
 R = 125.00  
 PC STA. = 30+93.64  
 PT STA. = 31+61.02

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

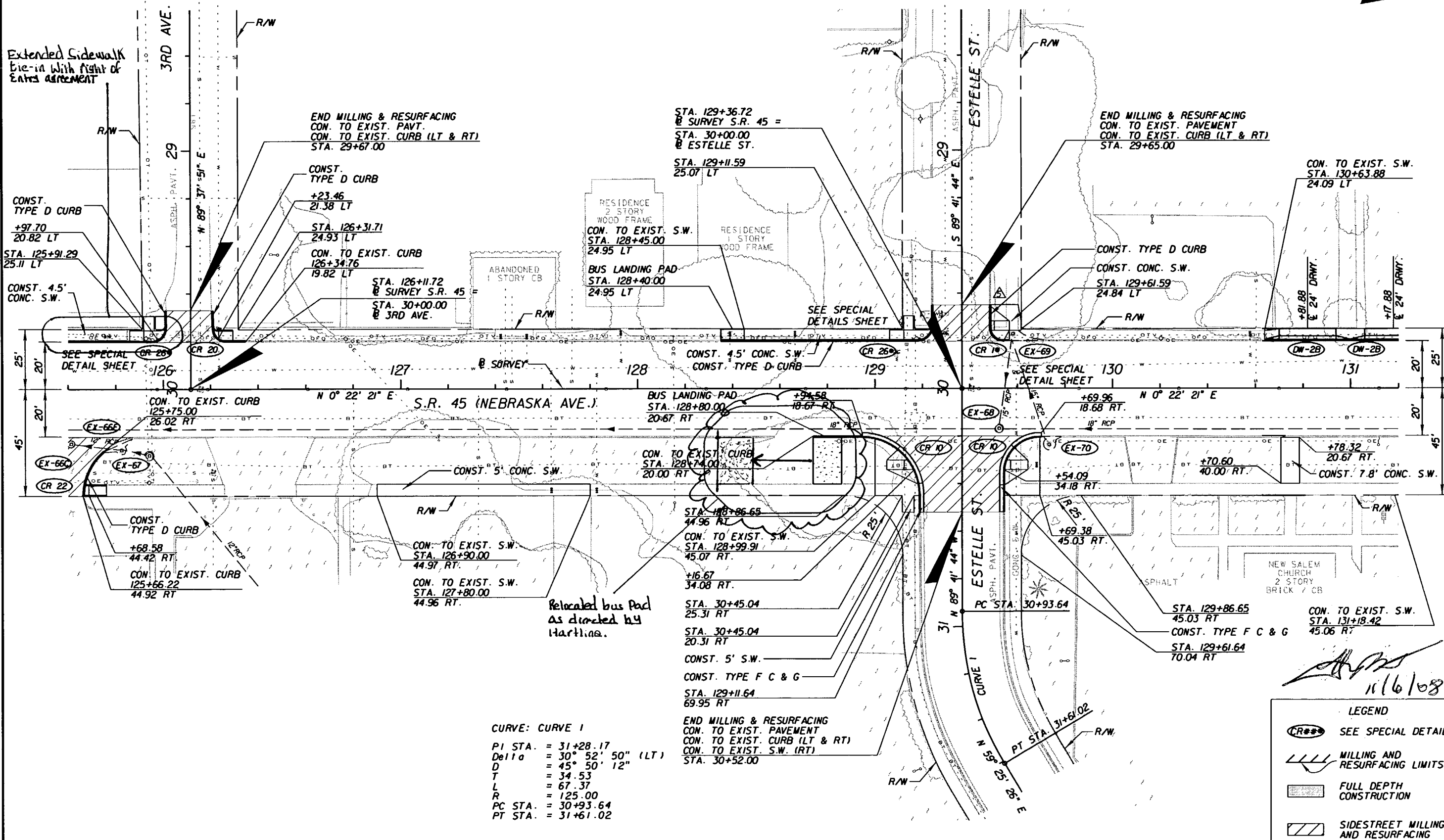
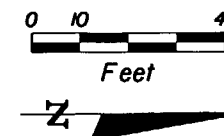
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**125+60.00 TO 131+20.00**

SHEET NO.  
34

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Extended Sidewalk  
tie-in With Right of  
Entry Agreement

END MILLING & RESURFACING  
CON. TO EXIST. PAVT.  
CON. TO EXIST. CURB (LT & RT)  
STA. 29+67.00

STA. 129+36.72  
@ SURVEY S.R. 45 =  
STA. 30+00.00  
@ ESTELLE ST.

END MILLING & RESURFACING  
CON. TO EXIST. PAVEMENT  
CON. TO EXIST. CURB (LT & RT)  
STA. 29+65.00

CON. TO EXIST. S.W.  
STA. 130+63.88  
24.09 LT

CONST.  
TYPE D CURB  
+97.70  
20.82 LT

CONST.  
TYPE D CURB  
+23.46  
21.38 LT

RESIDENCE  
2 STORY  
WOOD FRAME  
CON. TO EXIST. S.W.  
STA. 128+45.00  
24.95 LT  
BUS LANDING PAD  
STA. 128+40.00  
24.95 LT

CONST. TYPE D CURB  
CONST. CONC. S.W.  
STA. 129+61.59  
24.84 LT

STA. 125+91.29  
25.11 LT

STA. 126+31.71  
24.93 LT

CON. TO EXIST. CURB  
126+34.76  
19.82 LT

STA. 126+11.72  
@ SURVEY S.R. 45 =  
STA. 30+00.00  
@ 3RD AVE.

CONST. 4.5'  
CONC. S.W.

CONST. 4.5' CONC. S.W.  
CONST. TYPE D CURB

SEE SPECIAL  
DETAIL SHEET 130

CON. TO EXIST. CURB  
125+75.00  
26.02 RT

BUS LANDING PAD  
STA. 128+80.00  
20.67 RT

+69.96  
18.68 RT

+78.32  
20.67 RT

CONST. 7.8' CONC. S.W.

CONST.  
TYPE D CURB  
+68.58  
44.42 RT

CON. TO EXIST. CURB  
125+66.22  
44.92 RT

CON. TO EXIST. S.W.  
STA. 126+90.00  
44.97 RT

CON. TO EXIST. S.W.  
STA. 127+80.00  
44.96 RT

Relocated bus pad  
as directed by  
Hartline.

STA. 128+86.65  
44.96 RT

CON. TO EXIST. S.W.  
STA. 128+99.91  
45.07 RT

+16.67  
34.08 RT

STA. 30+45.04  
25.31 RT

STA. 30+45.04  
20.31 RT

CONST. 5' S.W.

CONST. TYPE F C & G

STA. 129+11.64  
69.95 RT

END MILLING & RESURFACING  
CON. TO EXIST. PAVEMENT  
CON. TO EXIST. CURB (LT & RT)  
CON. TO EXIST. S.W. (RT)  
STA. 30+52.00

STA. 129+86.65  
45.03 RT

CONST. TYPE F C & G

STA. 129+61.64  
70.04 RT

CON. TO EXIST. S.W.  
STA. 131+18.42  
45.06 RT

CURVE: CURVE 1

PI STA. = 31+28.17  
Delta = 30° 52' 50" (LT)  
D = 45° 50' 12"  
T = 34.53  
L = 67.37  
R = 125.00  
PC STA. = 30+93.64  
PT STA. = 31+61.02

*[Signature]*  
11/6/08

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
02/27/08	MJM	MODIFIED ESTELLE ST. CURB RAMP.			

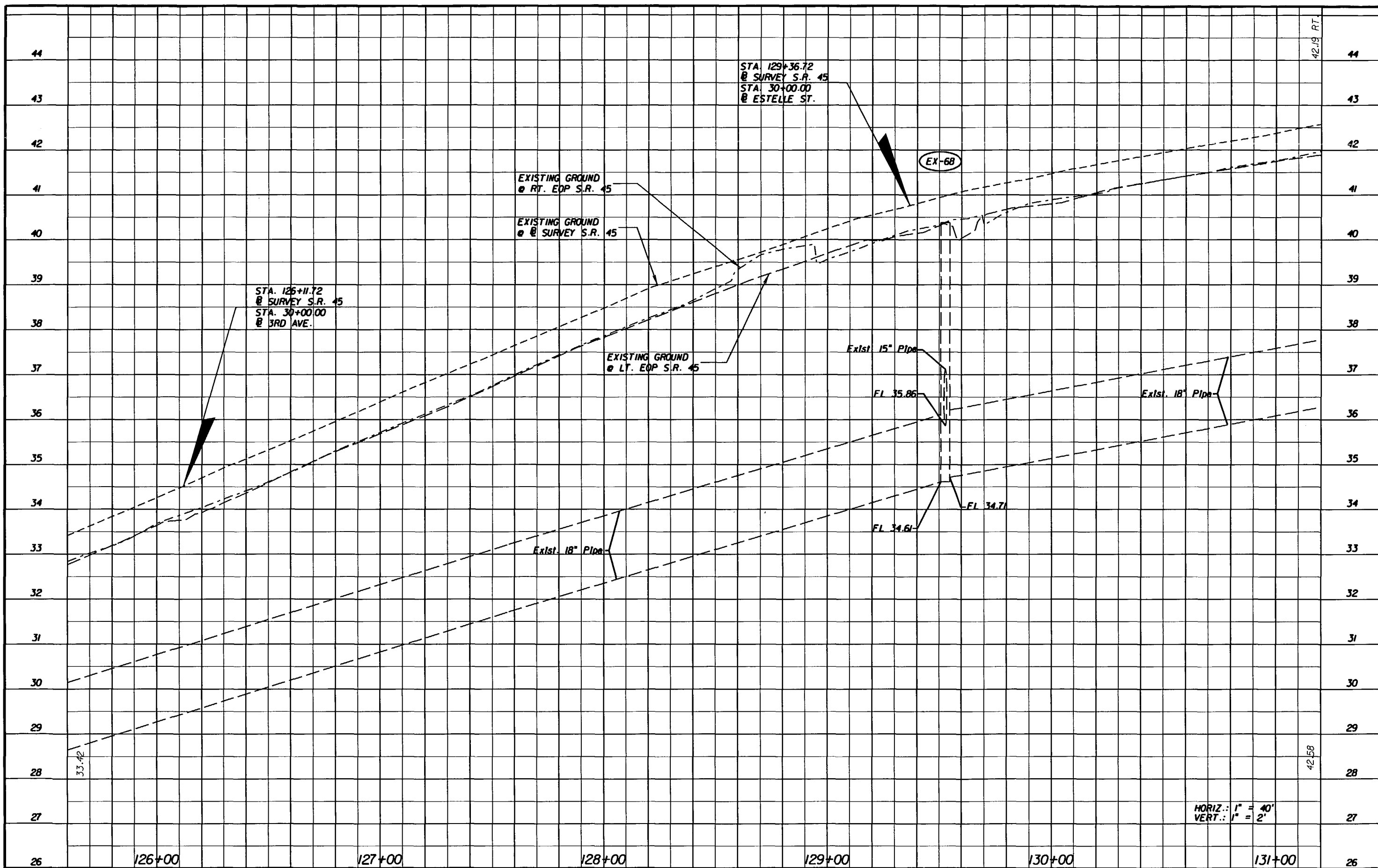
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. WCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**125+60.00 TO 131+20.00**

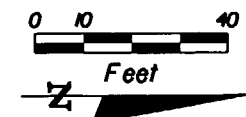
SHEET  
NO.  
34

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



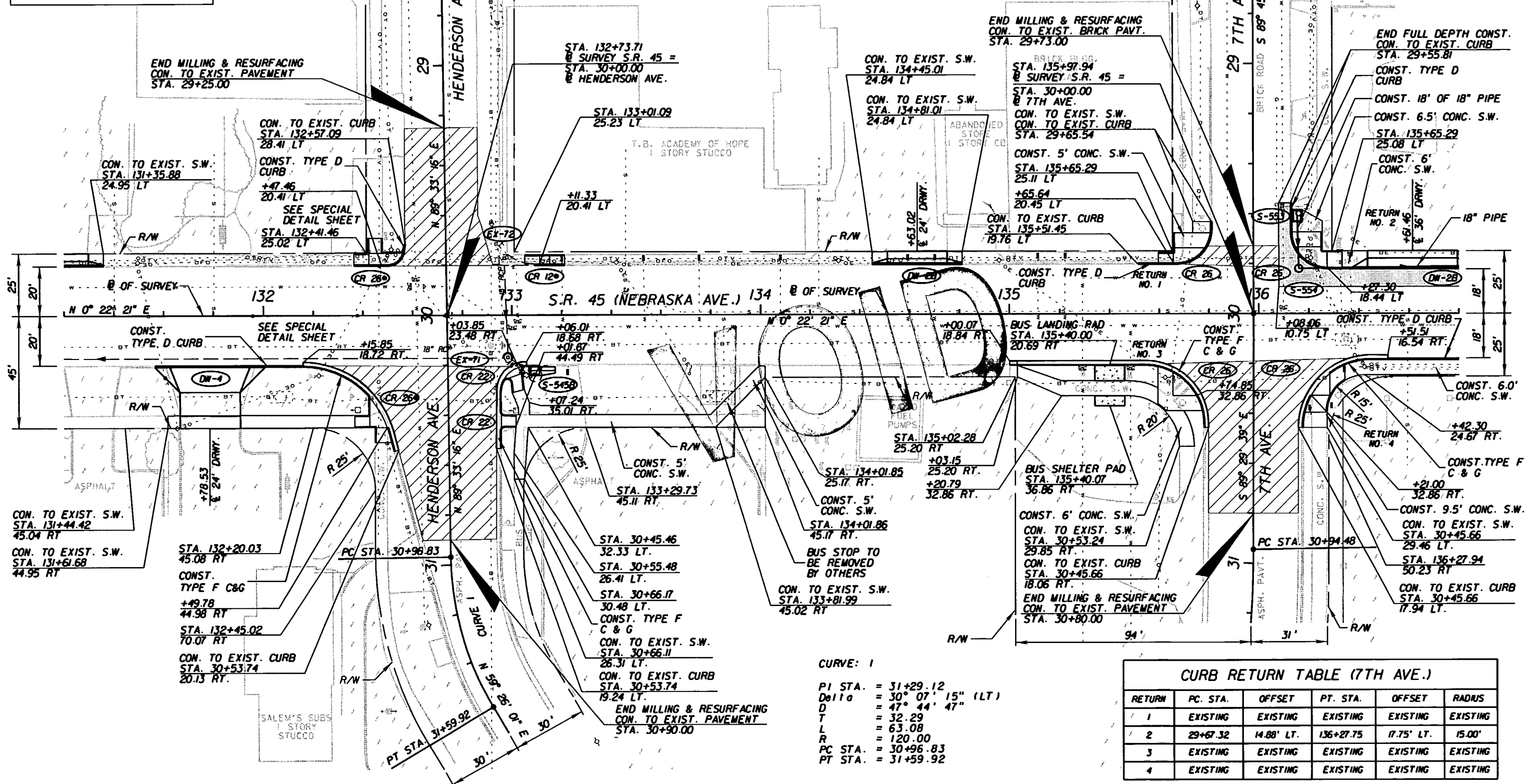
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS					G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>125+60.00 TO 131+20.00</b>	SHEET NO. 35
DATE	BY	DESCRIPTION	DATE	BY			DESCRIPTION	ROAD NO.	COUNTY		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			



**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING



**CURVE: 1**

PI STA. = 31+29.12  
 Delta = 30° 07' 15" (LT)  
 D = 47° 44' 47"  
 T = 32.29  
 L = 63.08  
 R = 120.00  
 PC STA. = 30+96.83  
 PT STA. = 31+59.92

**CURB RETURN TABLE (7TH AVE.)**

RETURN	PC STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
2	29+67.32	14.88' LT.	136+27.75	17.75' LT.	15.00'
3	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
4	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

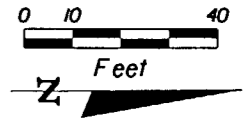
**STATE OF FLORIDA**  
**DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**131+20.00 TO 136+80.00**

SHEET NO. 36

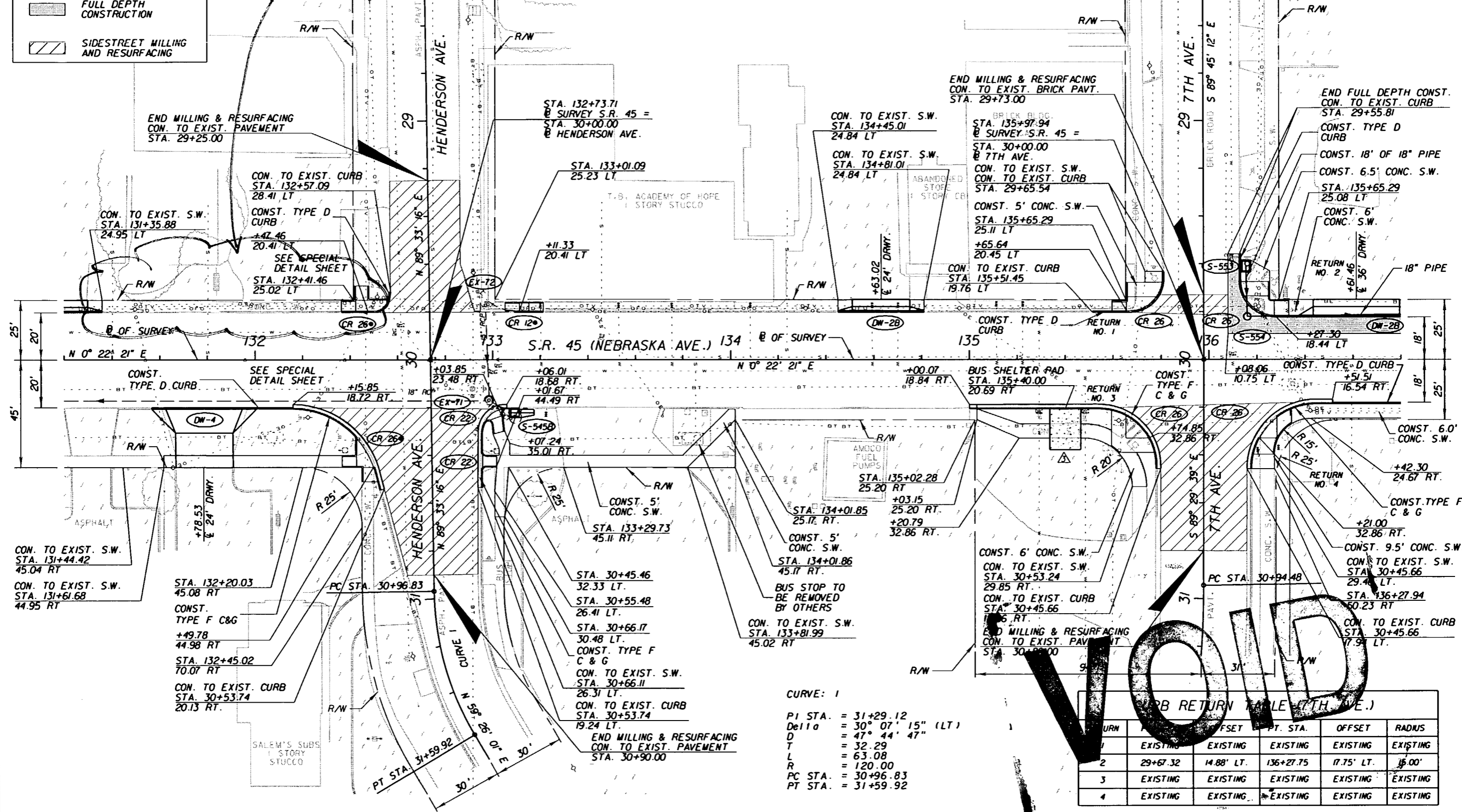
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.



**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

Replaced Damaged  
Sidewalk and  
Curbing-



**CURVE: 1**

PI STA.	=	31+29.12
Delta	=	30° 07' 15" (LT)
D	=	47° 44' 47"
T	=	32.29
L	=	63.08
R	=	120.00
PC STA.	=	30+96.83
PT STA.	=	31+59.92

**CB RETURN TABLE (7TH AVE.)**

TURN	EXISTING	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
2	29+67.32	14.88' LT.	136+27.75	17.75' LT.	15.00'
3	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
4	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	REMOVED BUS LANDING PAD. ENLARGED BUS SHELTER PAD.			

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

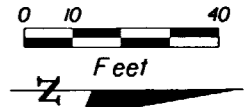
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**131+20.00 TO 136+80.00**

SHEET NO. 36

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

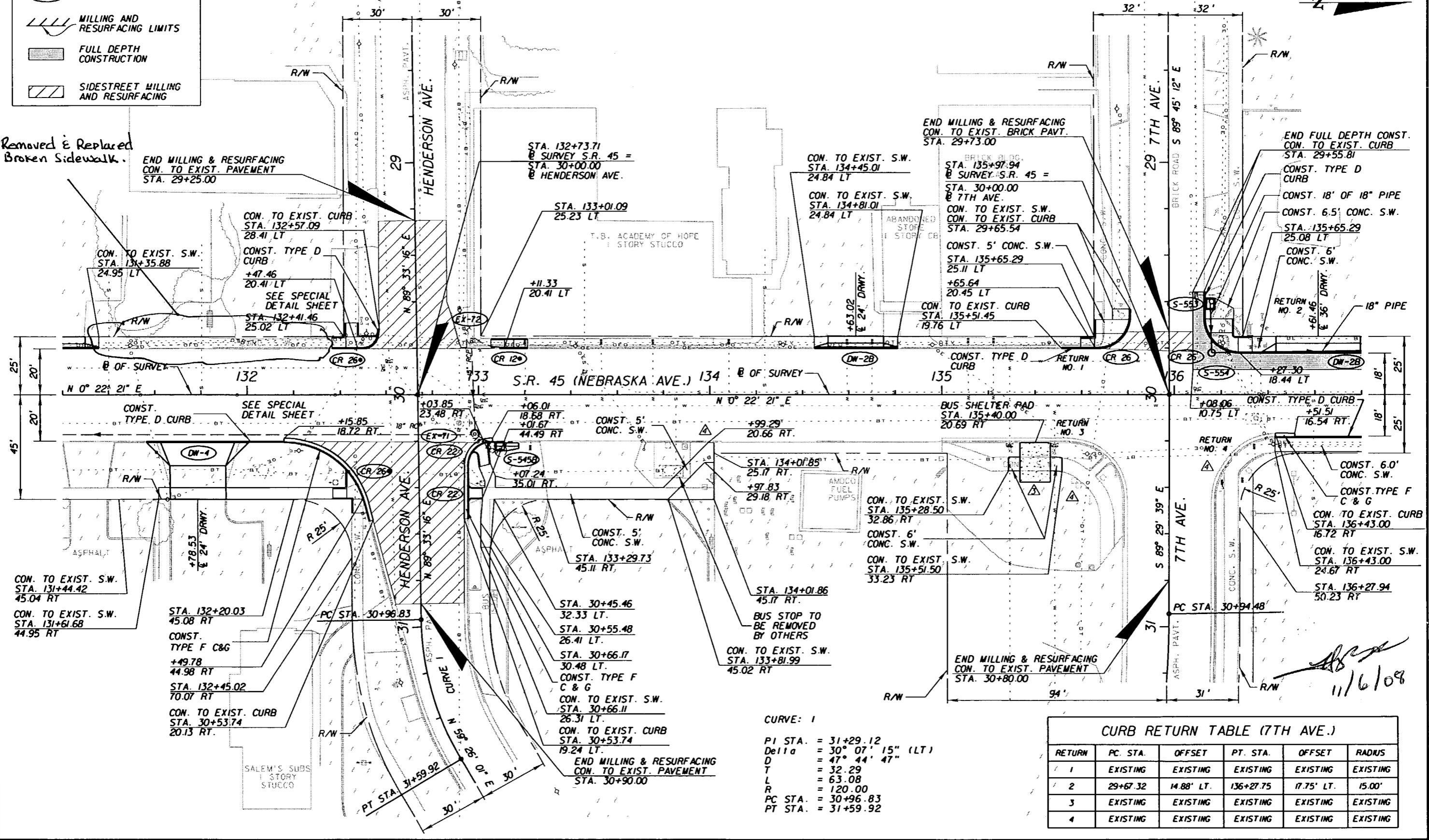




**LEGEND**

- (CR##)** SEE SPECIAL DETAILS
- ////** MILLING AND RESURFACING LIMITS
- ▭** FULL DEPTH CONSTRUCTION
- ▨** SIDESTREET MILLING AND RESURFACING

Removed & Replaced Broken Sidewalk.



**CURVE: 1**

PI STA. = 31+29.12  
 Delta = 30° 07' 15" (LT)  
 D = 47° 44' 47"  
 T = 32.29  
 L = 63.08  
 R = 120.00  
 PC STA. = 30+96.83  
 PT STA. = 31+59.92

**CURB RETURN TABLE (7TH AVE.)**

RETURN	PC STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
2	29+67.32	14.88' LT.	136+27.75	17.75' LT.	15.00'
3	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
4	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

*Handwritten signature and date: 11/6/08*

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	REMOVED BUS LANDING PAD. ENLARGED BUS SHELTER PAD.			
09/26/07	MJM	REMOVED AND ADJUSTED SIDEWALK. REMOVED CURB.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

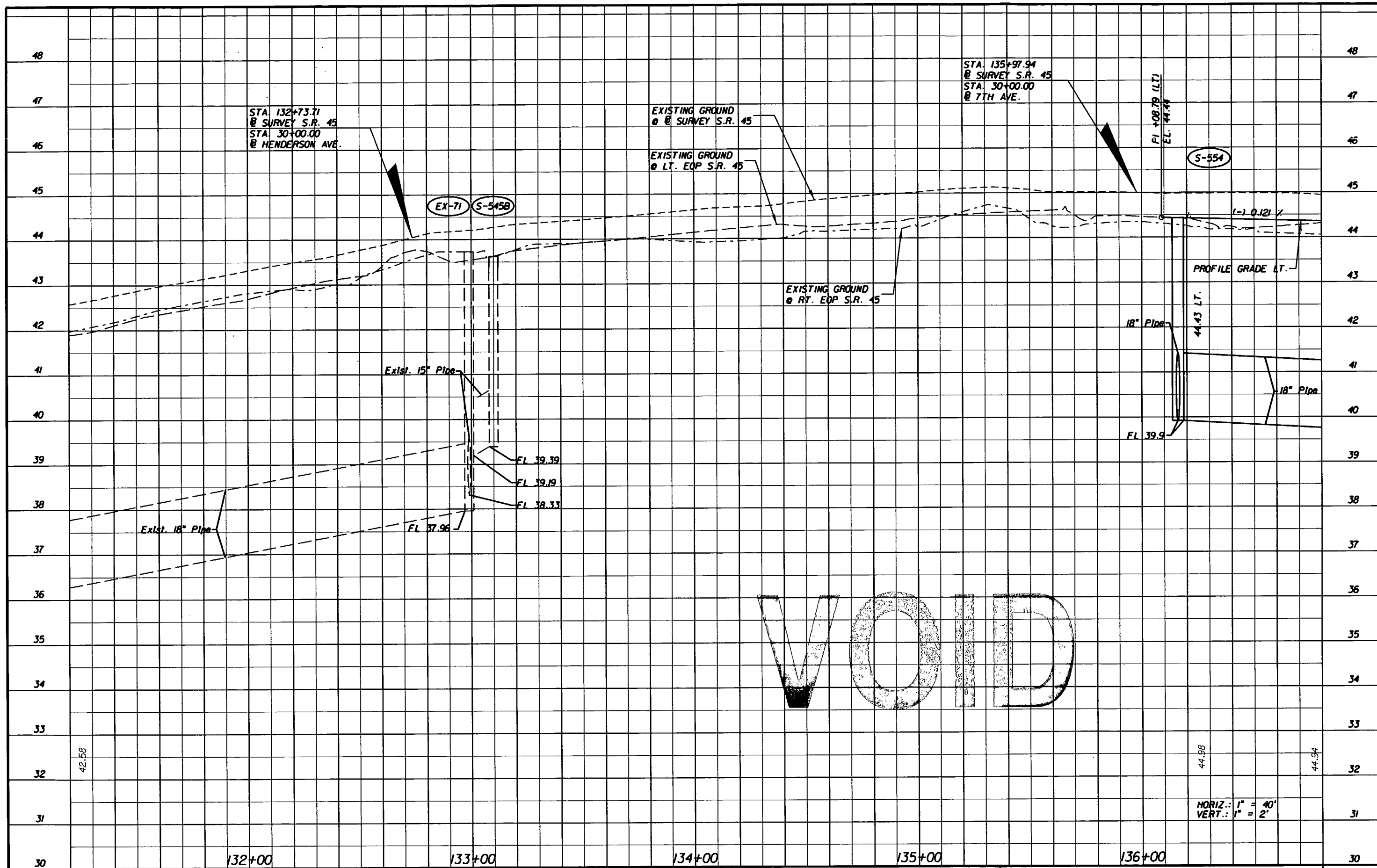
**STATE OF FLORIDA**  
**DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**131+20.00 TO 136+80.00**

SHEET NO. 36

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G15-23.003, F.A.C.



VOID

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

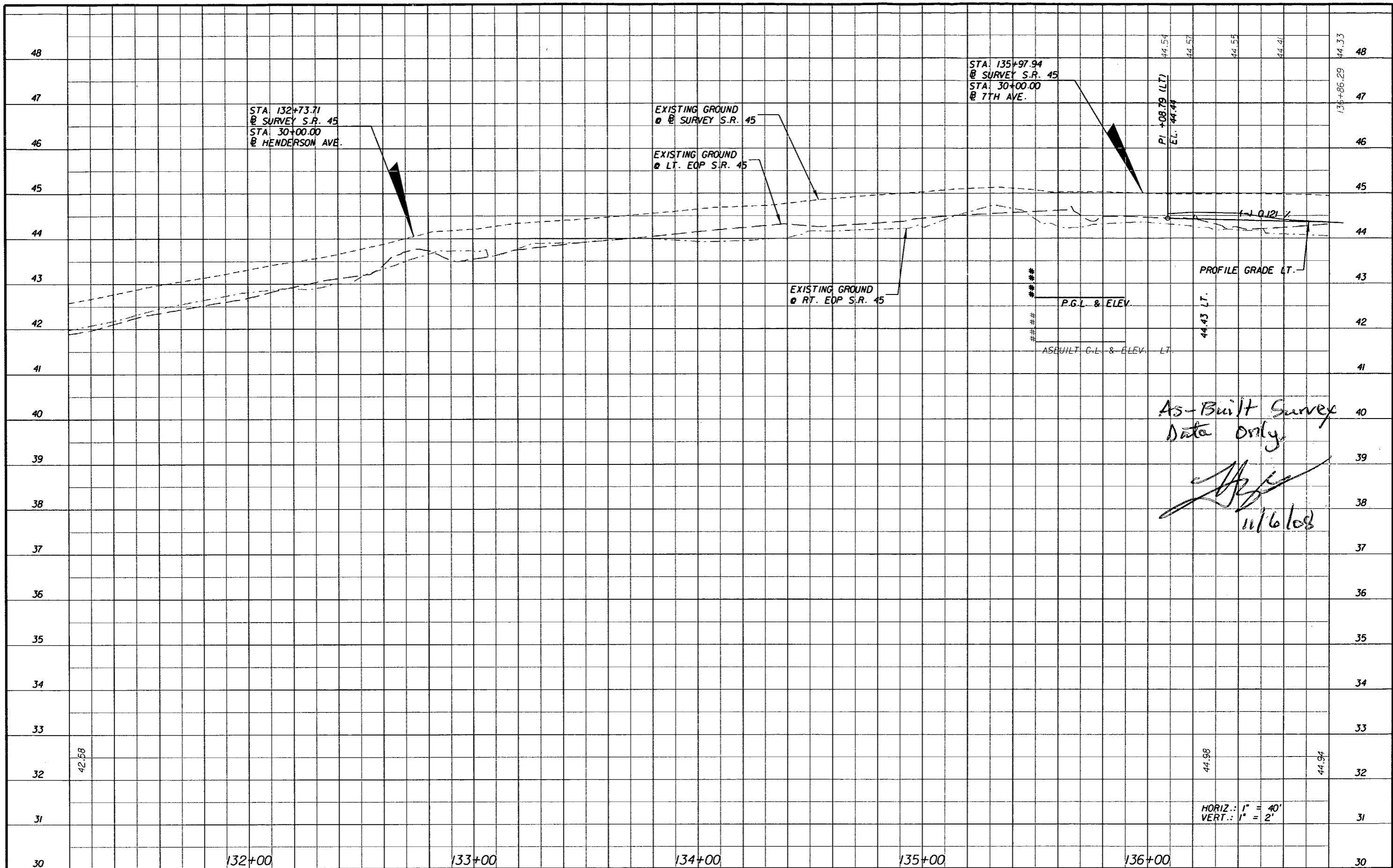
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**131+20.00 TO 136+80.00**

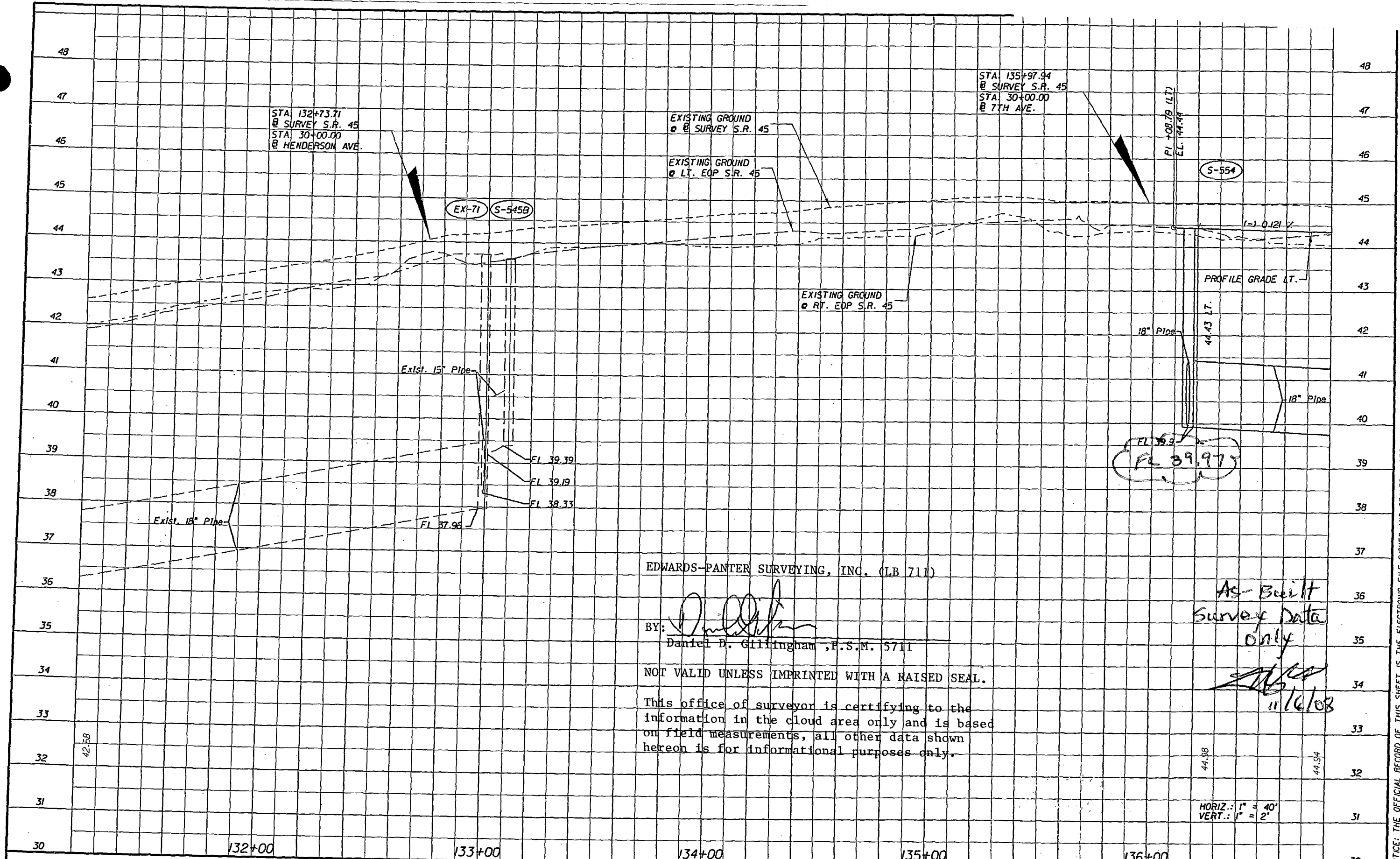
SHEET  
NO.  
37



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS					G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>131+20.00 TO 136+80.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		37
						S.R. 45	HILLSBOROUGH	255853-1-52-01		





EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
 Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

*As-Built Survey Data only*  
*[Signature]*  
 11/16/08

HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

REVISIONS			
DATE	BY	DESCRIPTION	

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

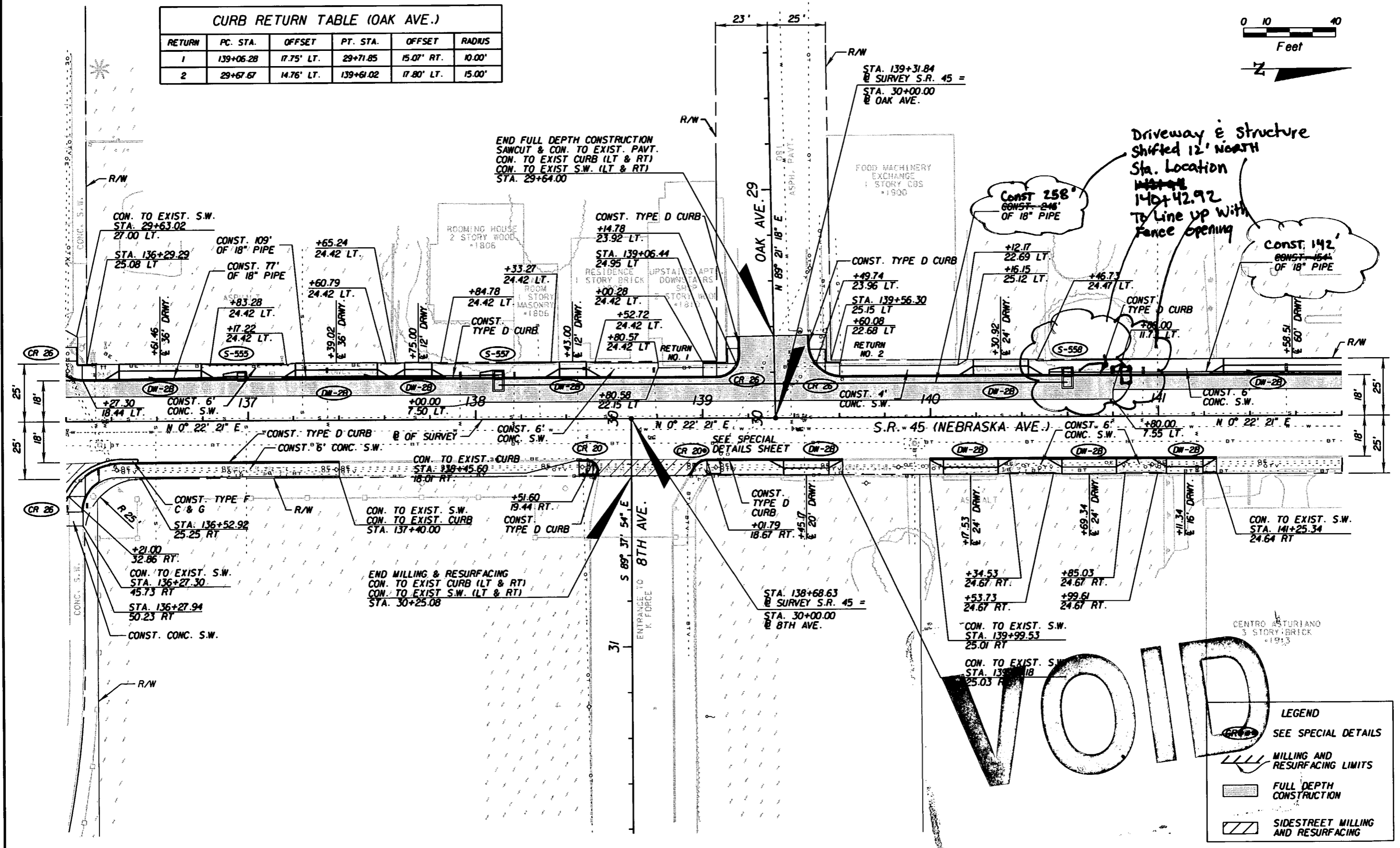
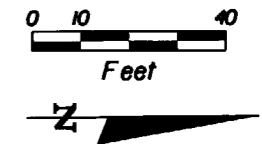
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**131+20.00 TO 136+80.00**

SHEET NO.  
 37A

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	139+06.28	17.75' LT.	29+71.85	15.07' RT.	10.00'
2	29+67.67	14.76' LT.	139+61.02	17.80' LT.	15.00'



	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

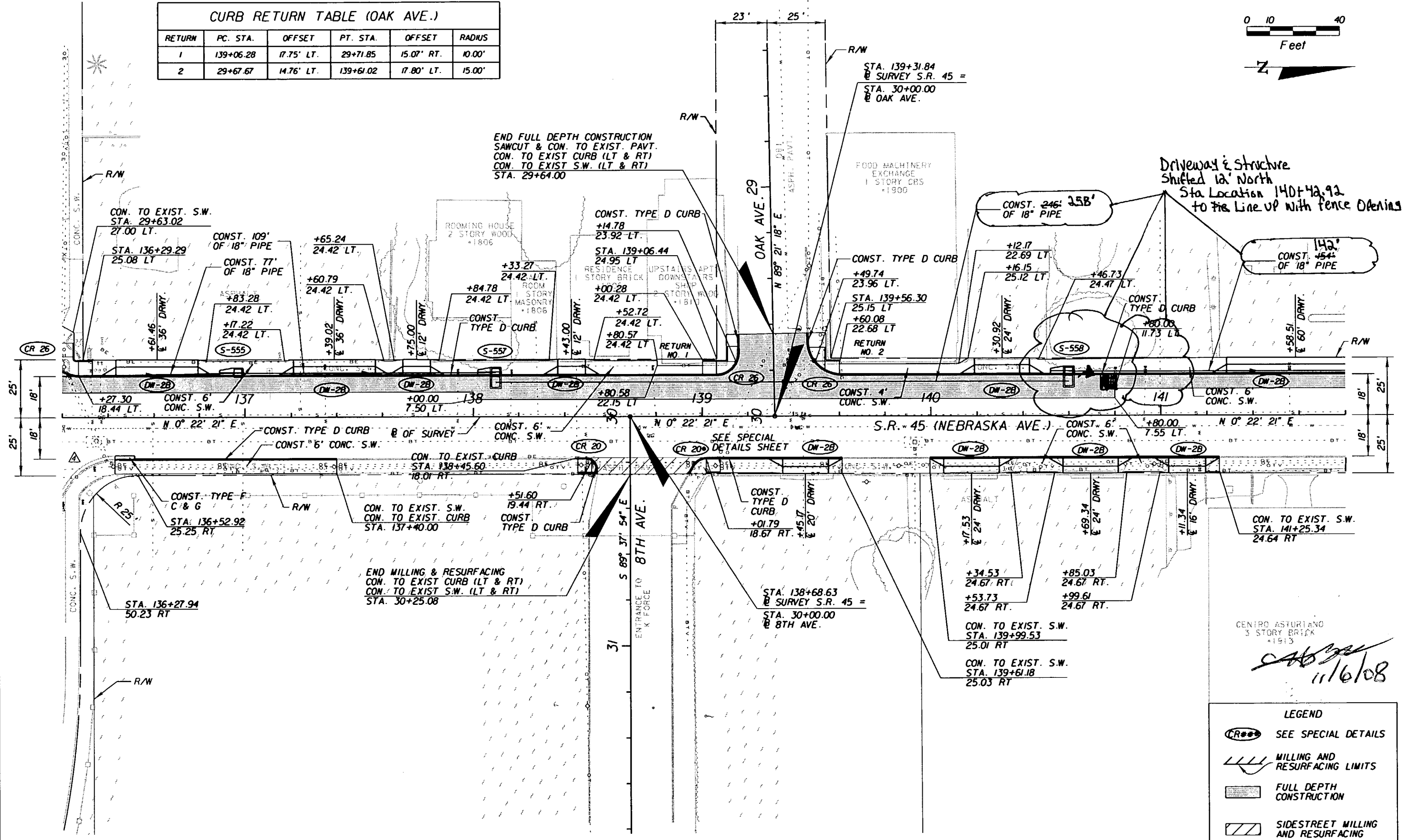
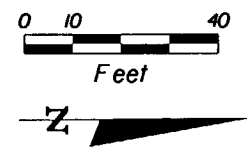
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**136+20.00 TO 141+80.00**

SHEET NO.  
38

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

CURB RETURN TABLE (OAK AVE.)					
RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	139+06.28	17.75' LT.	29+71.85	15.07' RT.	10.00'
2	29+67.67	14.76' LT.	139+61.02	17.80' LT.	15.00'



LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

11/6/08

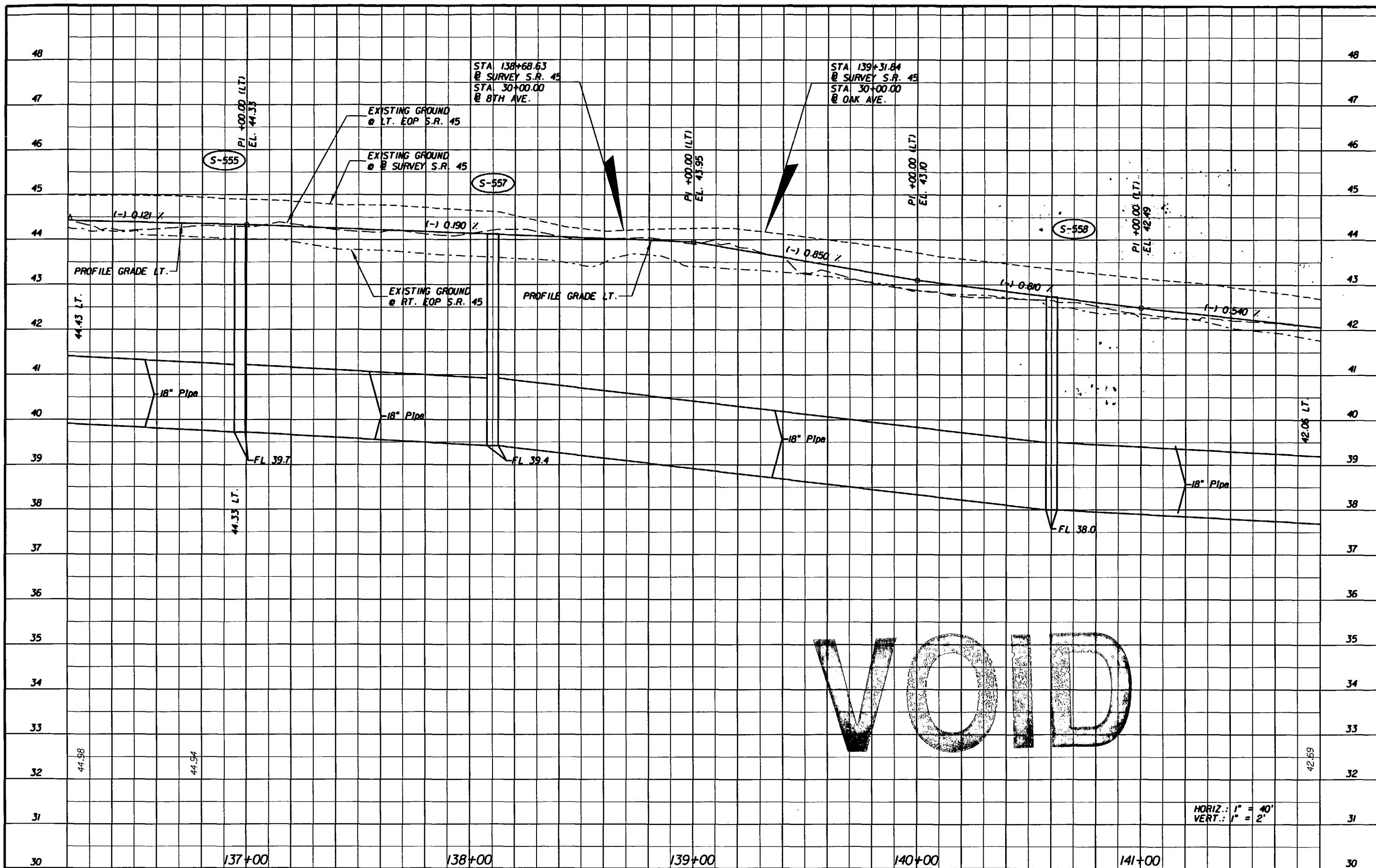
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
09/26/07	MJM	REMOVED AND ADJUSTED SIDEWALK. REMOVED CURB.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

PLAN SHEET		SHEET NO.
136+20.00 TO 141+80.00		38

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



VOID

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

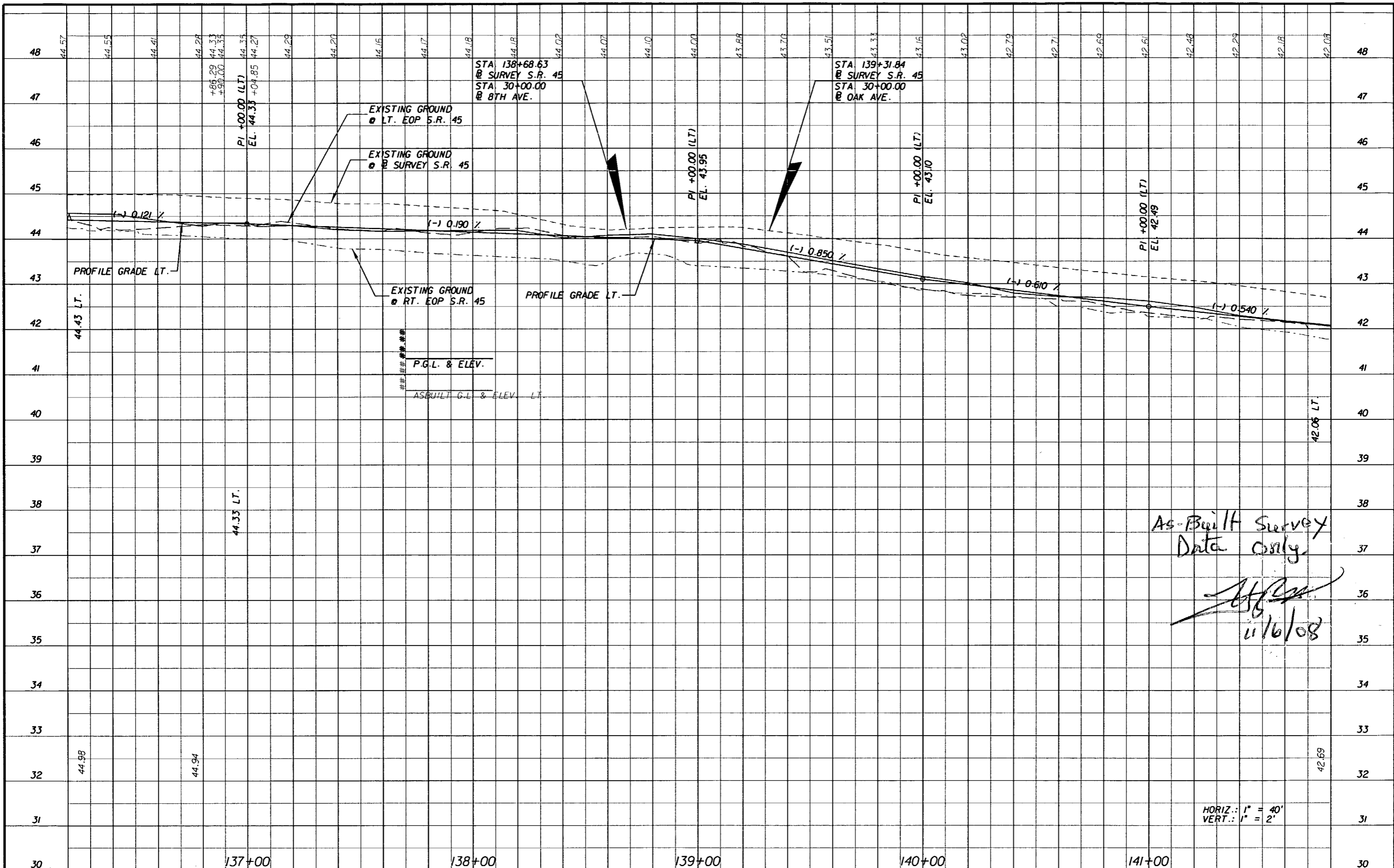
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

PROFILE SHEET  
136+20.00 TO 141+80.00

SHEET NO.  
39

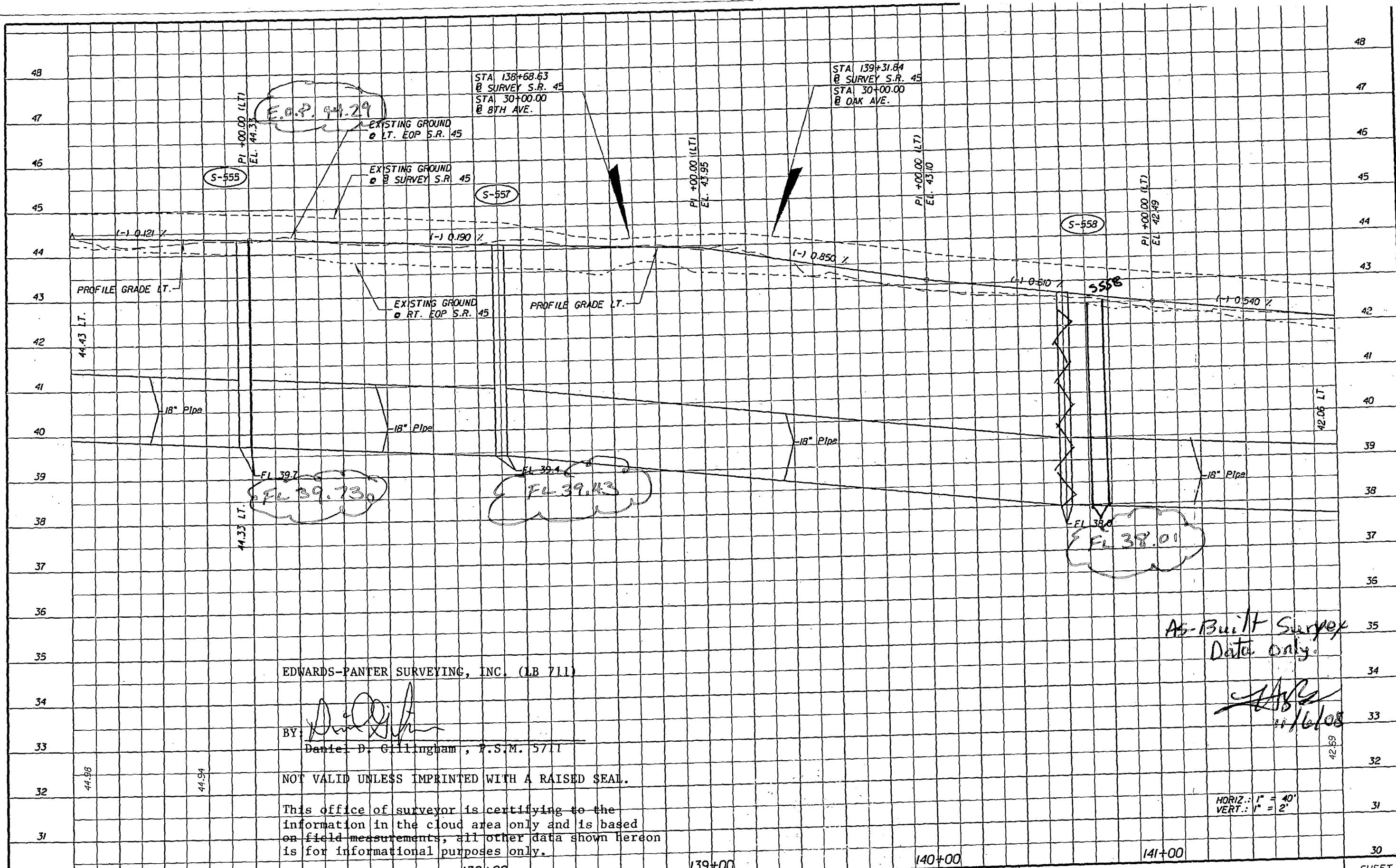
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>136+20.00 TO 141+80.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		39
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

HORIZ.: 1" = 40'  
VERT.: 1" = 2'



EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
 Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

*As-Built Survey Data only.*

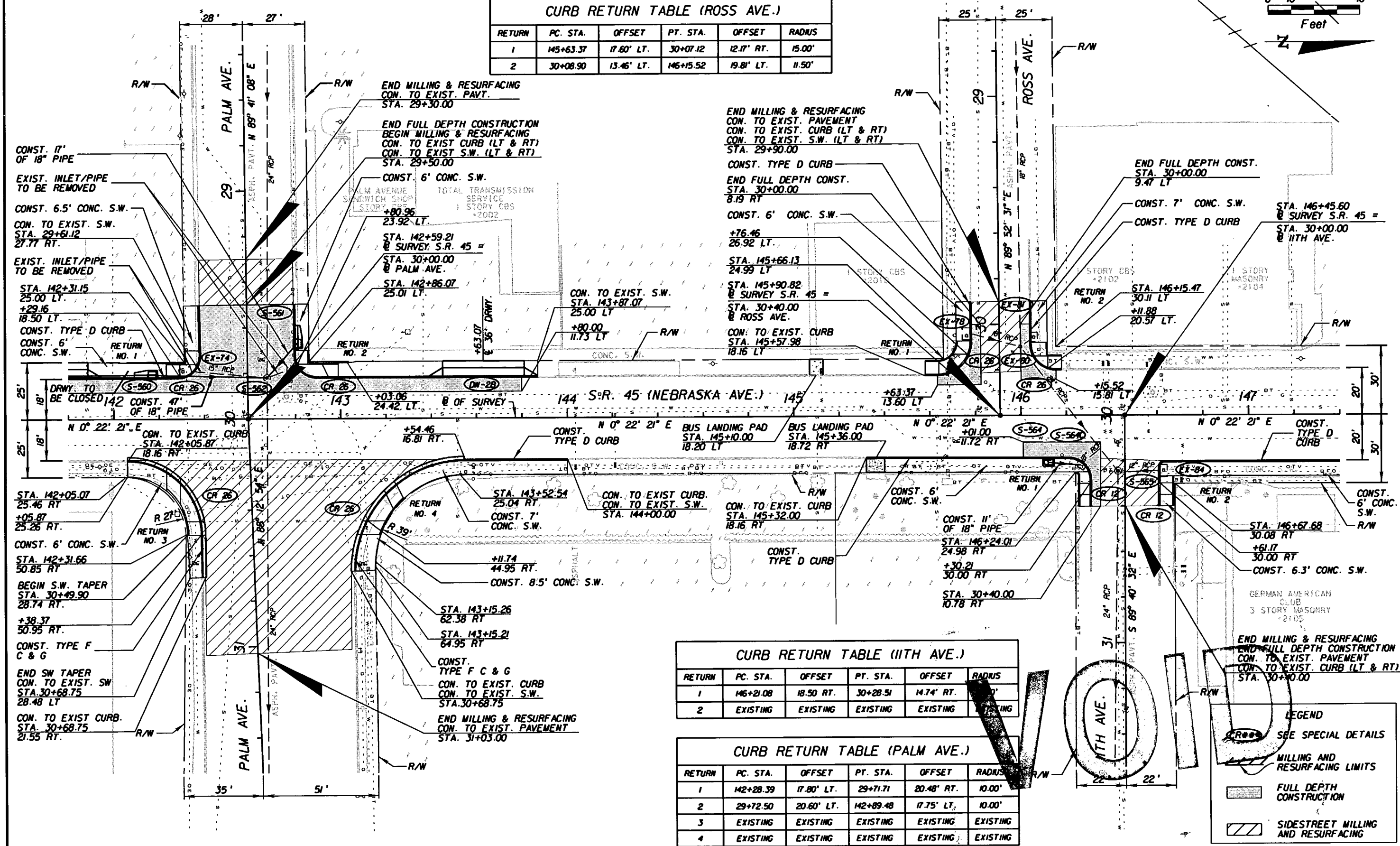
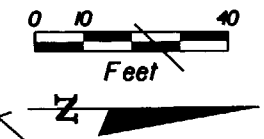
*[Signature]*  
 11/16/08

HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

137+00		138+00		139+00		140+00		141+00	
REVISIONS DATE BY DESCRIPTION DATE BY DESCRIPTION					STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID S.R. 45 HILLSBOROUGH 255853-1-52-01			PROFILE SHEET 136+20.00 TO 141+80.00	
G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612					SHEET NO. 39a		NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.		



CURB RETURN TABLE (ROSS AVE.)					
RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	145+63.37	17.60' LT.	30+07.12	12.17' RT.	15.00'
2	30+08.90	13.46' LT.	146+15.52	19.81' LT.	11.50'



CURB RETURN TABLE (IITH AVE.)					
RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	146+21.08	18.50 RT.	30+28.51	14.74' RT.	10.00'
2	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

CURB RETURN TABLE (PALM AVE.)					
RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	142+28.39	17.80' LT.	29+71.71	20.48' RT.	10.00'
2	29+72.50	20.60' LT.	142+89.48	17.75' LT.	10.00'
3	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
4	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

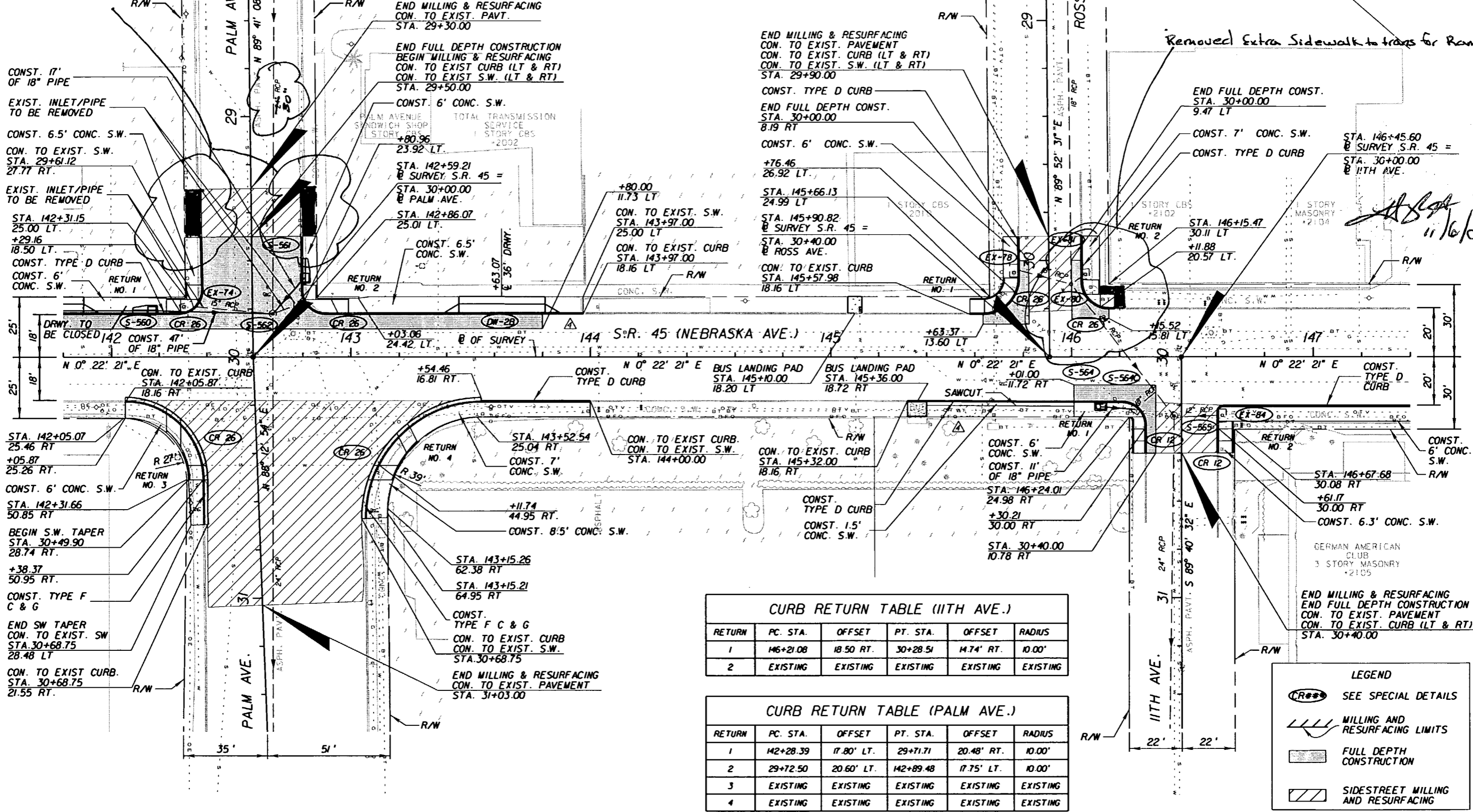
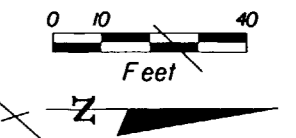
**PLAN SHEET**  
**141+80.00 TO 147+40.00**

SHEET NO.  
40

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68J5-23.003, F.A.C.

Removed Existing Driveway - Extended "D" Curb + Sidewalk with 1/2" EDR

CURB RETURN TABLE (ROSS AVE.)					
RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	145+63.37	17.60' LT.	30+07.12	12.17' RT.	15.00'
2	30+08.90	13.46' LT.	146+15.52	19.81' LT.	11.50'



CURB RETURN TABLE (IITH AVE.)					
RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	146+21.08	18.50 RT.	30+28.51	14.74' RT.	10.00'
2	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

CURB RETURN TABLE (PALM AVE.)					
RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	142+28.39	17.80' LT.	29+71.71	20.48' RT.	10.00'
2	29+72.50	20.60' LT.	142+89.48	17.75' LT.	10.00'
3	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
4	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
09/26/07	MJM	ADJUSTED SIDEWALK AND CURB.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

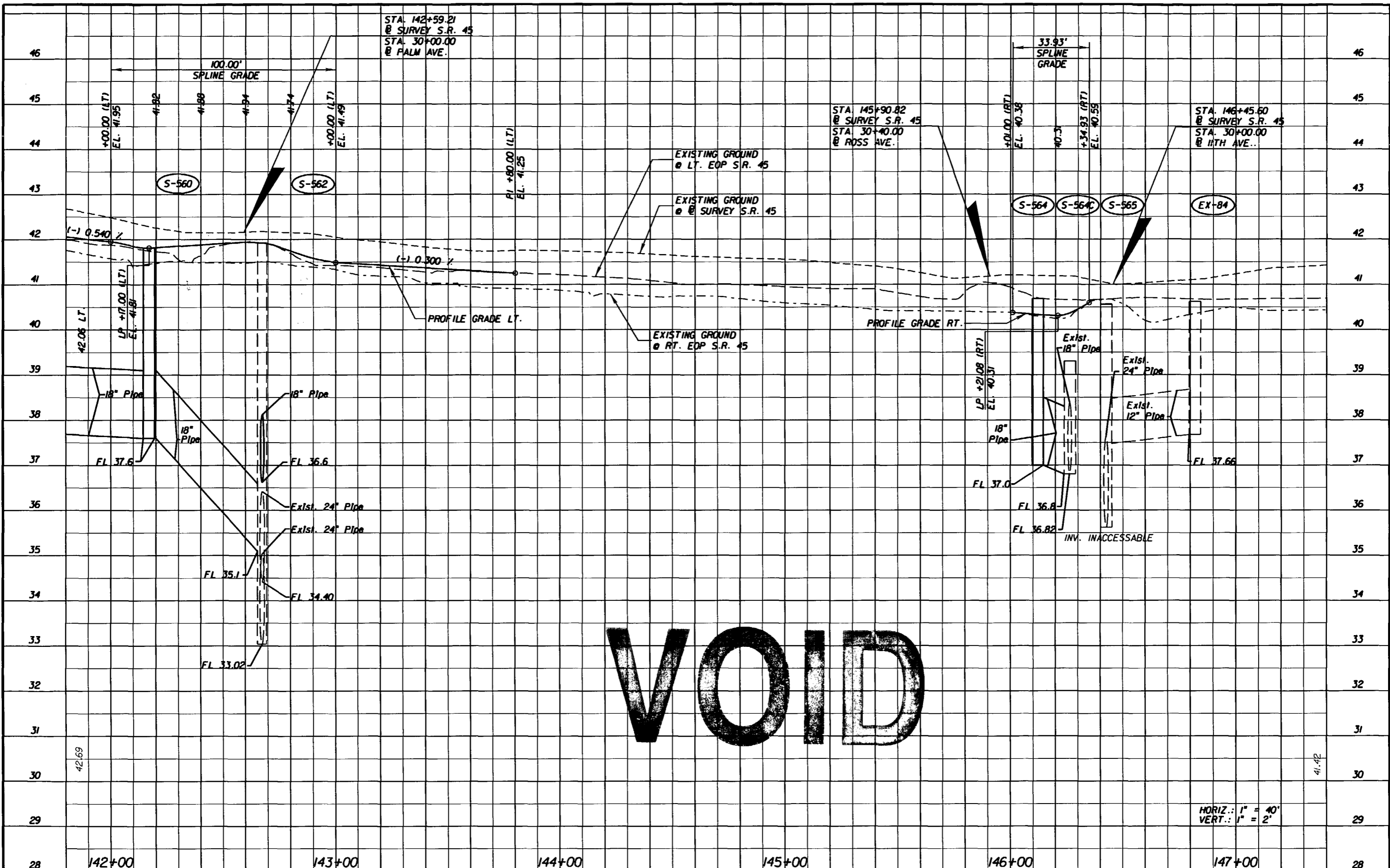
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**141+80.00 TO 147+40.00**

SHEET NO.  
40

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

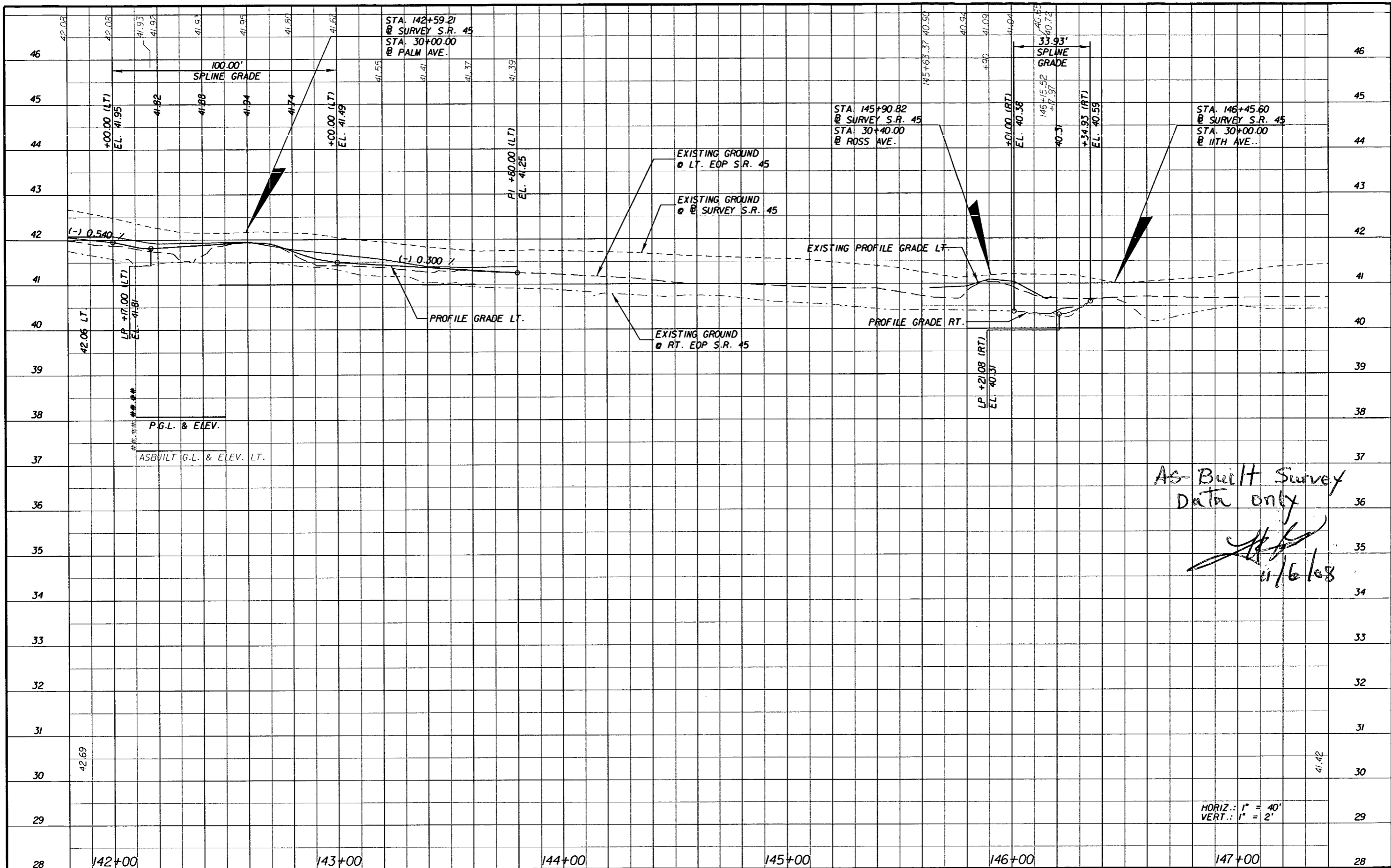




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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>141+80.00 TO 147+40.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		41
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



As-Built Survey  
Data only  
*[Signature]*  
11/6/08

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

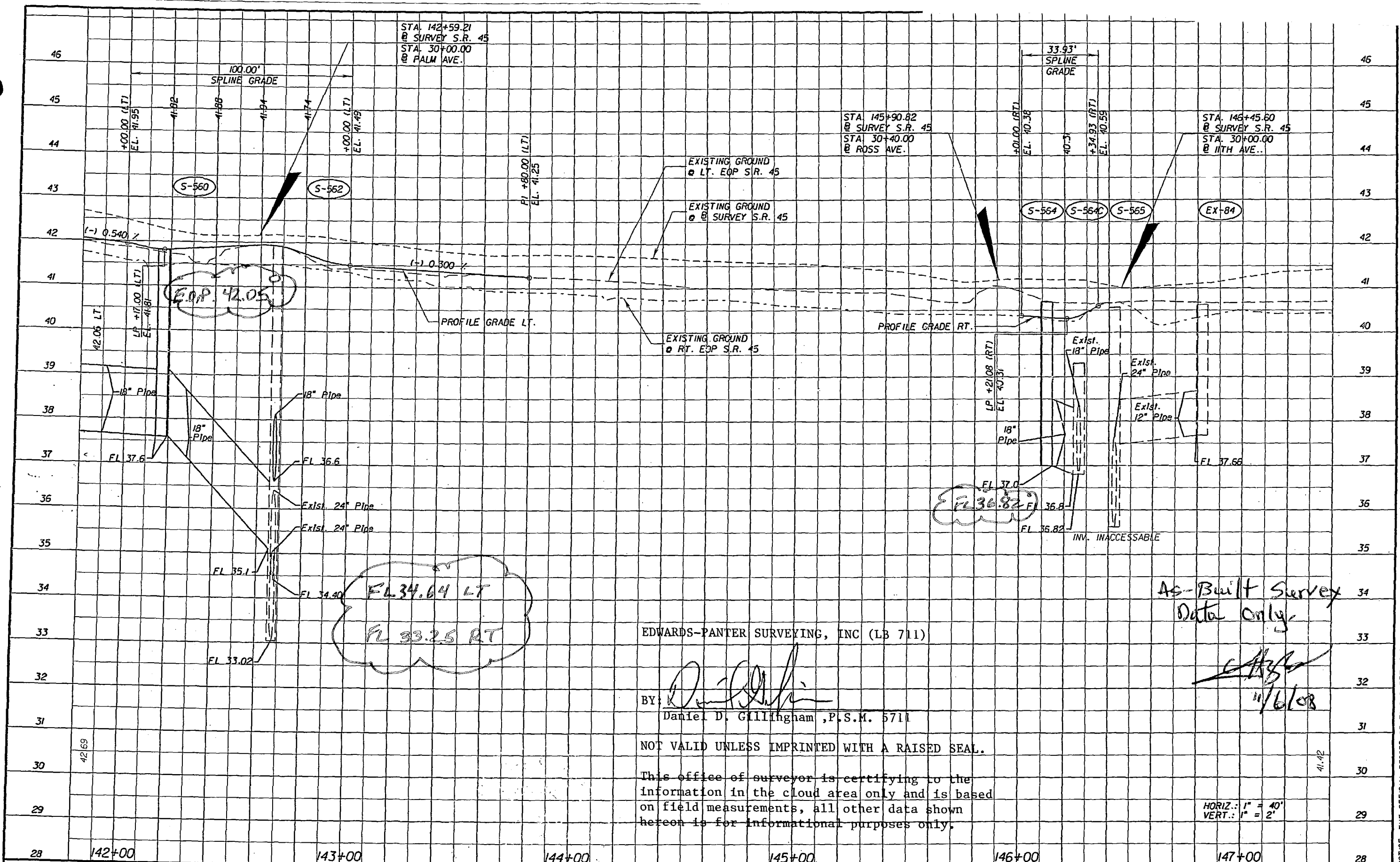
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**141+80.00 TO 147+40.00**

SHEET NO. 41

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STA. 142+59.21  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ PALM AVE.

STA. 145+90.82  
@ SURVEY S.R. 45  
STA. 30+40.00  
@ ROSS AVE.

STA. 146+45.60  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ NTH AVE..

EDWARDS-PANTER SURVEYING, INC (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

As-Built Survey Data Only

*[Signature]*  
11/6/08

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

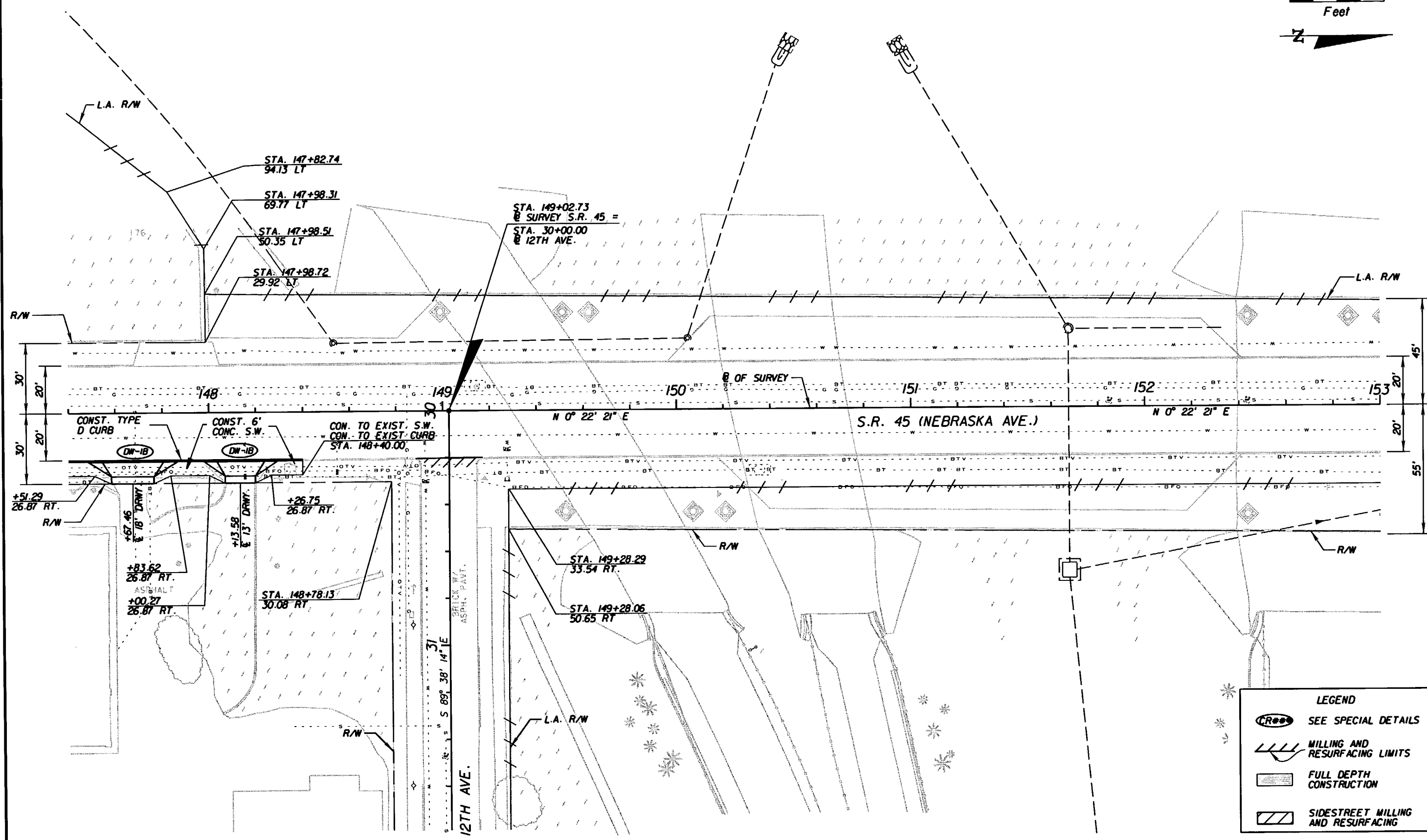
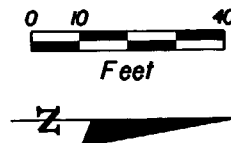
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**141+80.00 TO 147+40.00**

SHEET NO.  
41a

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.



LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

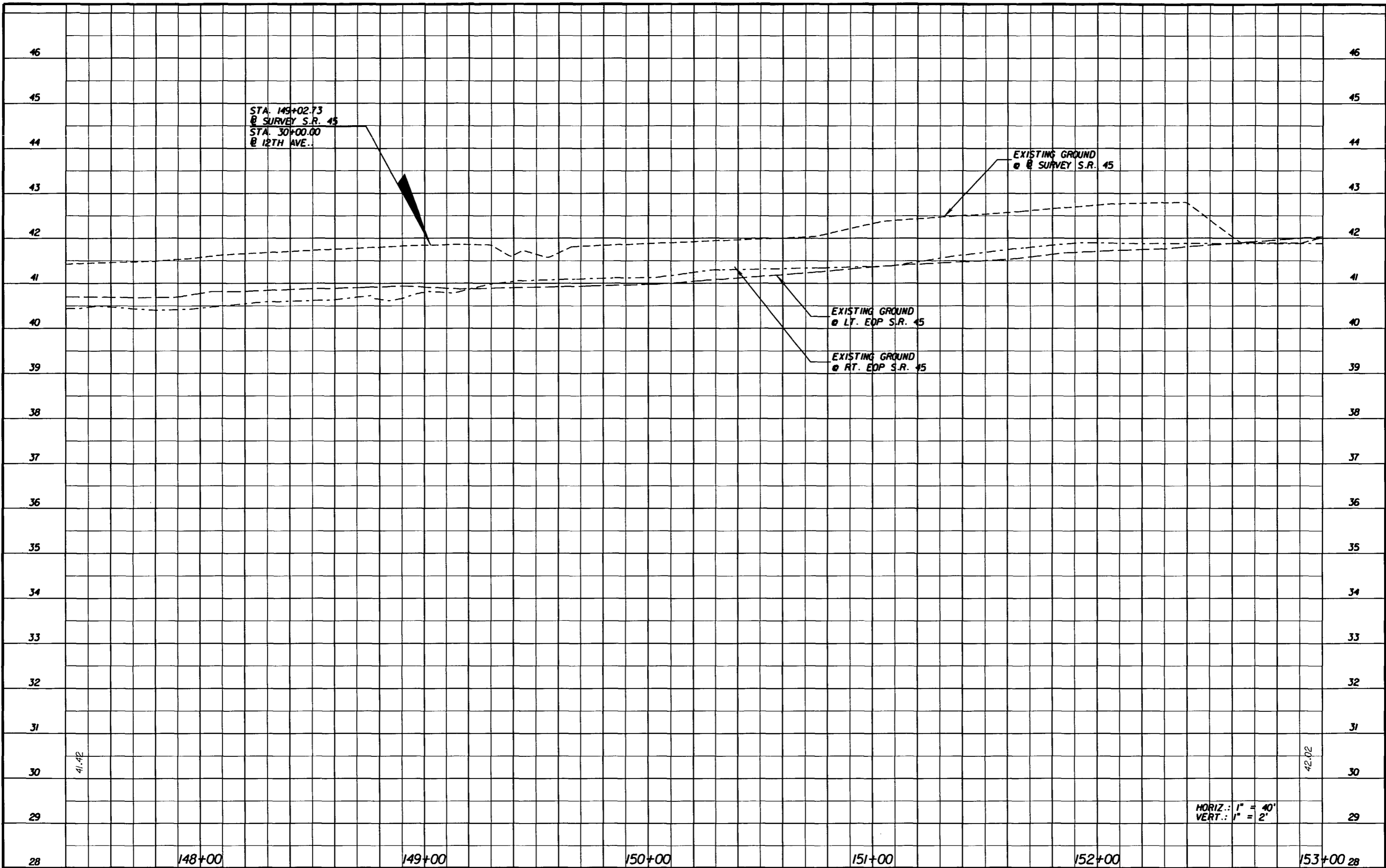
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**147+40.00 TO 153+00.00**

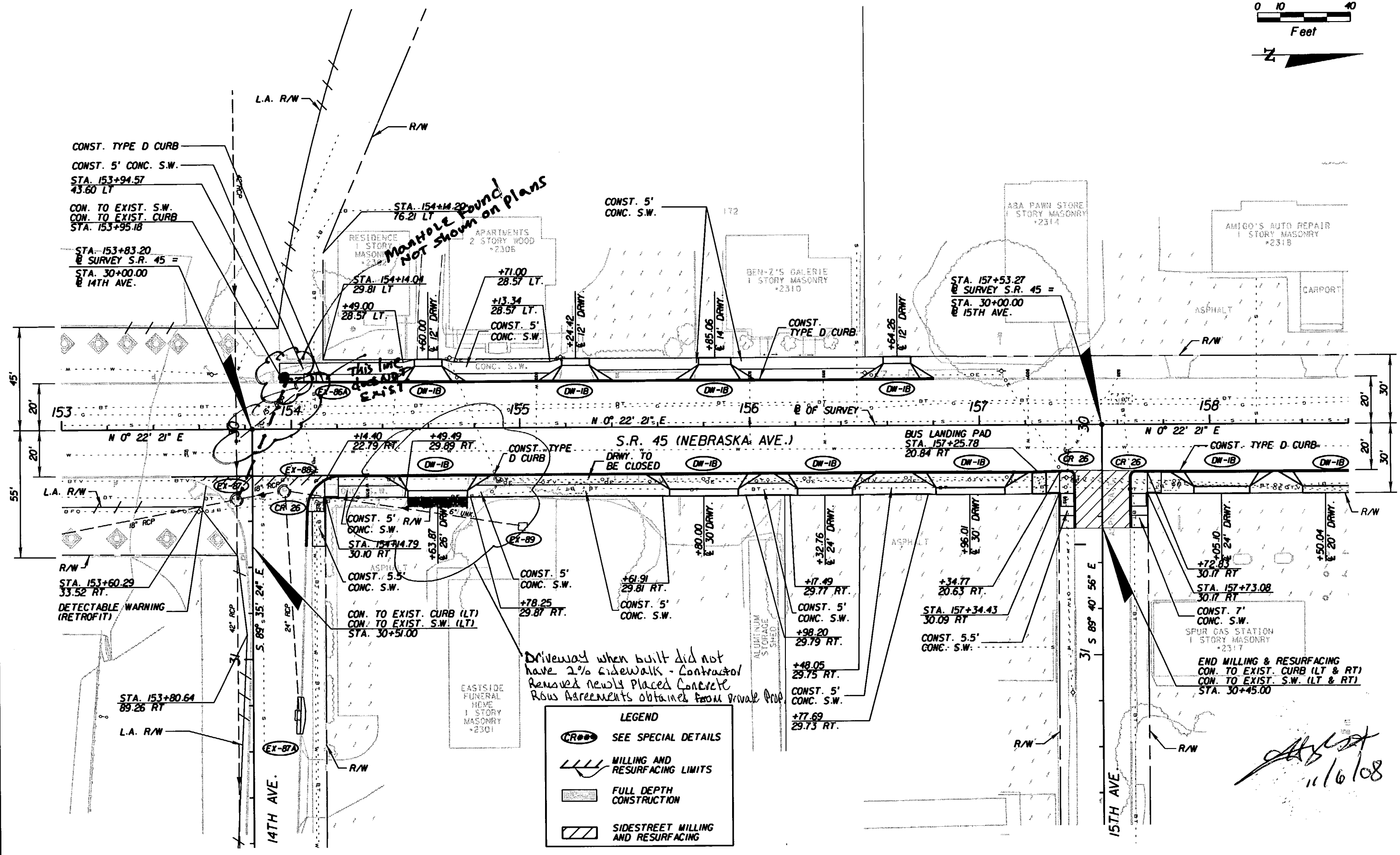
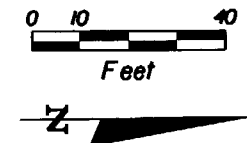
SHEET NO.  
 42

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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>147+40.00 TO 153+00.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		43
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



Driveway when built did not have 2% sidewalk - Contractor removed newly placed concrete. Robs Agreements obtained from Private Prop

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

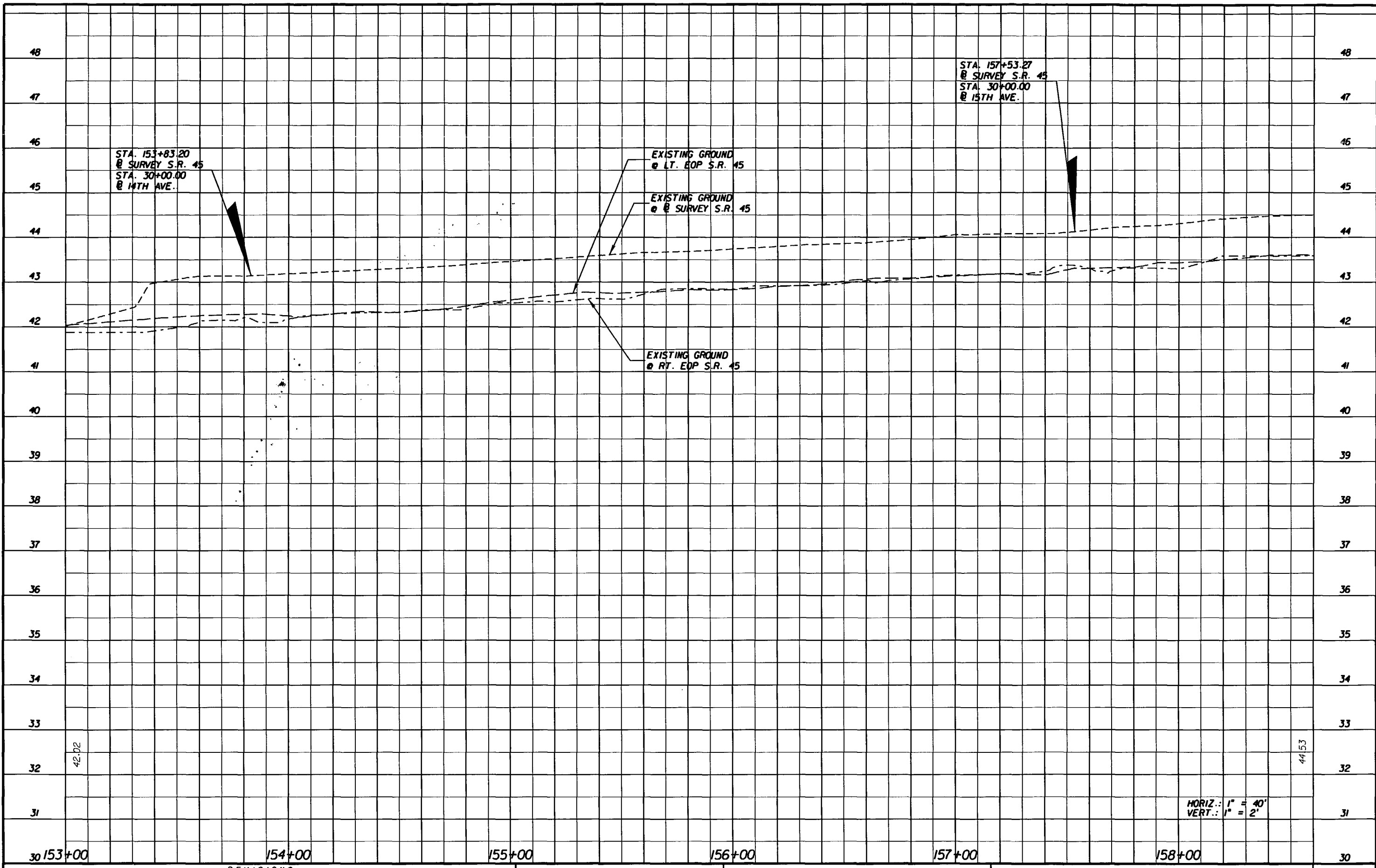
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**153+00.00 TO 158+60.00**

SHEET NO.  
 44

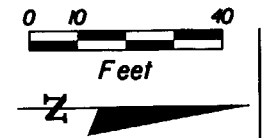
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



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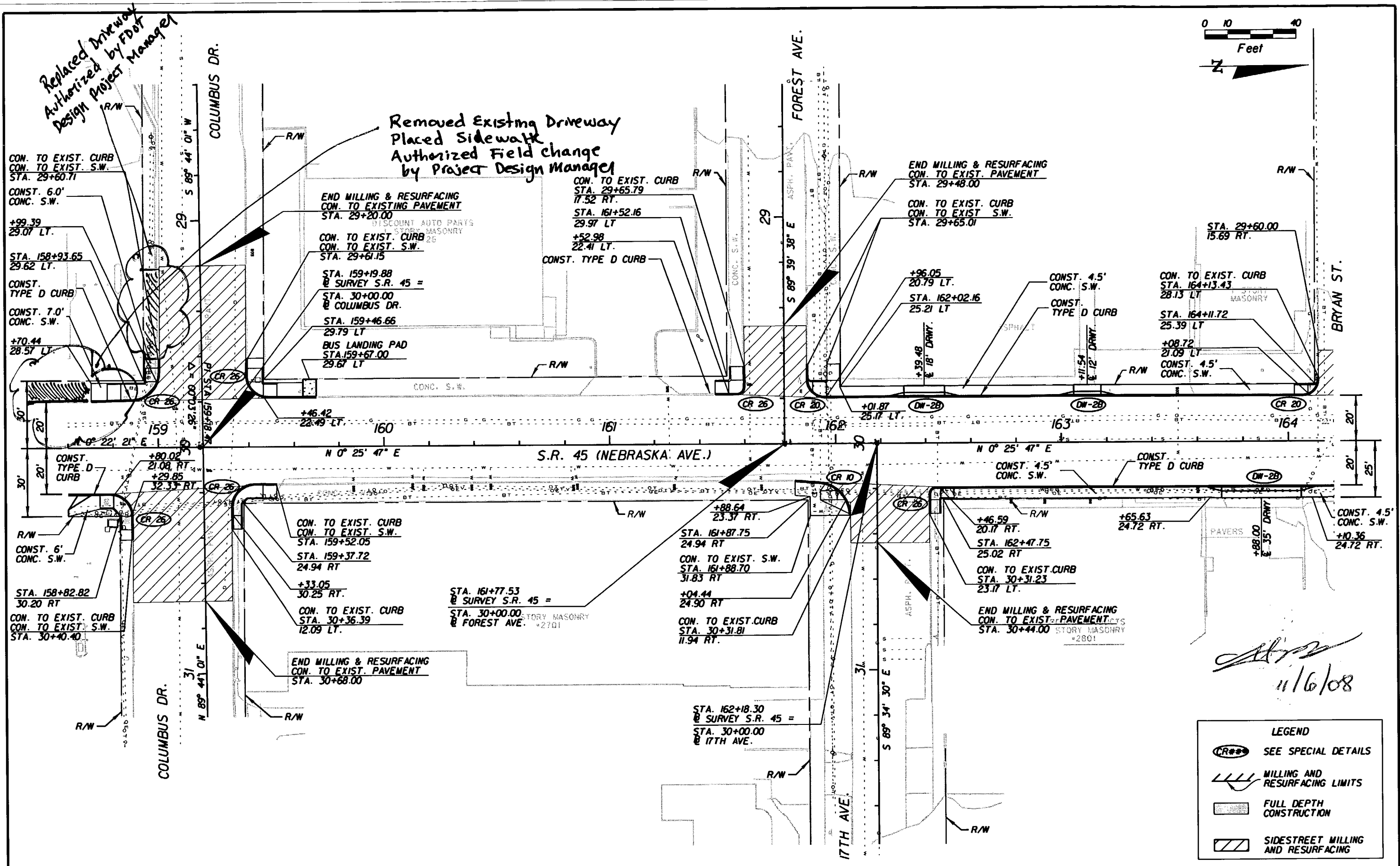
REVISIONS		G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>153+00.00 TO 158+60.00</b>	SHEET NO. 45
DATE	BY			DESCRIPTION	DATE	BY		
						S.R. 45	HILLSBOROUGH	255853-1-52-01





Replaced Driveway  
Authorized by FDOT  
Design Project Manager

Removed Existing Driveway  
Placed Sidewalk  
Authorized Field change  
by Project Design Manager



*[Signature]*  
11/6/08

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

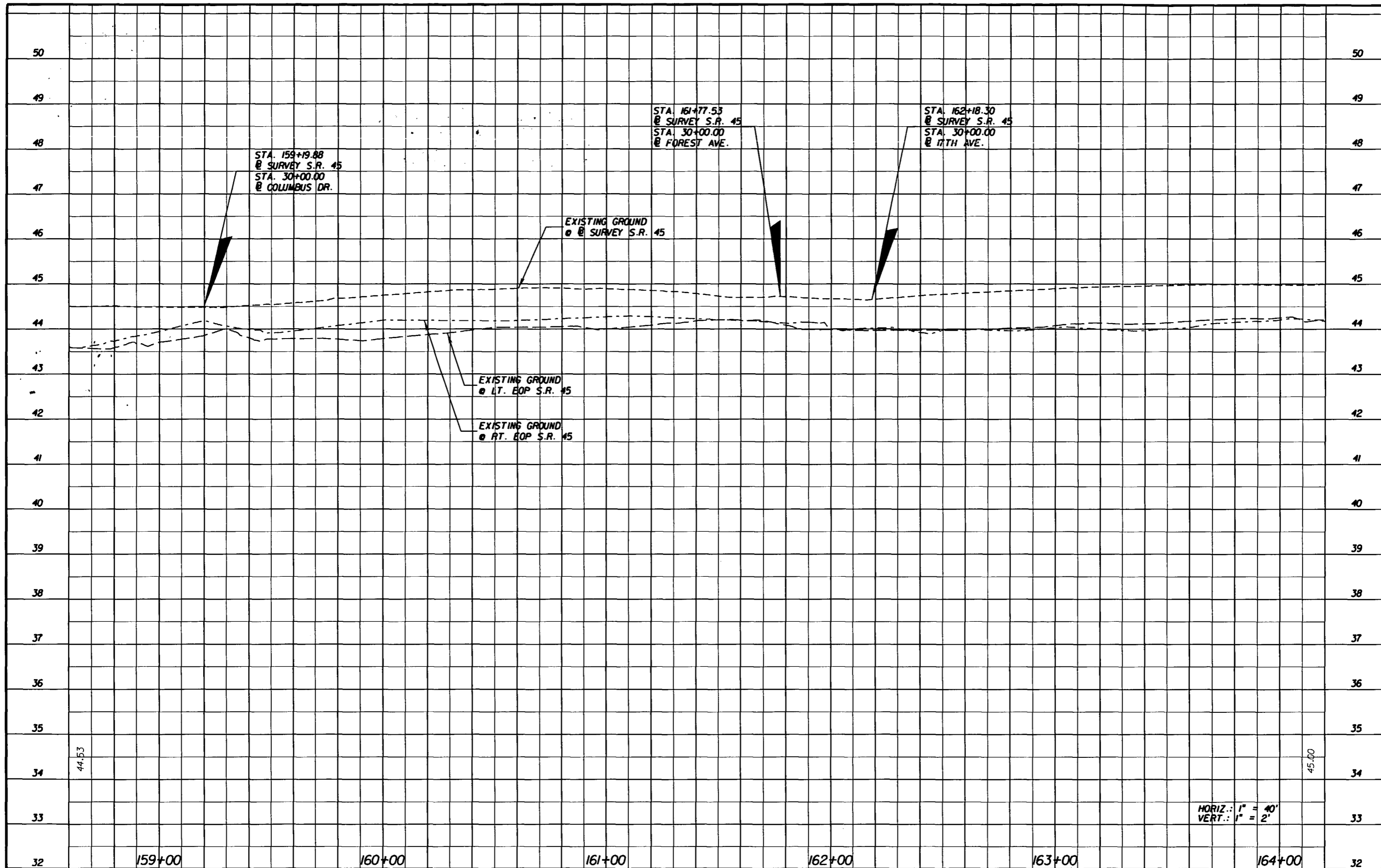
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

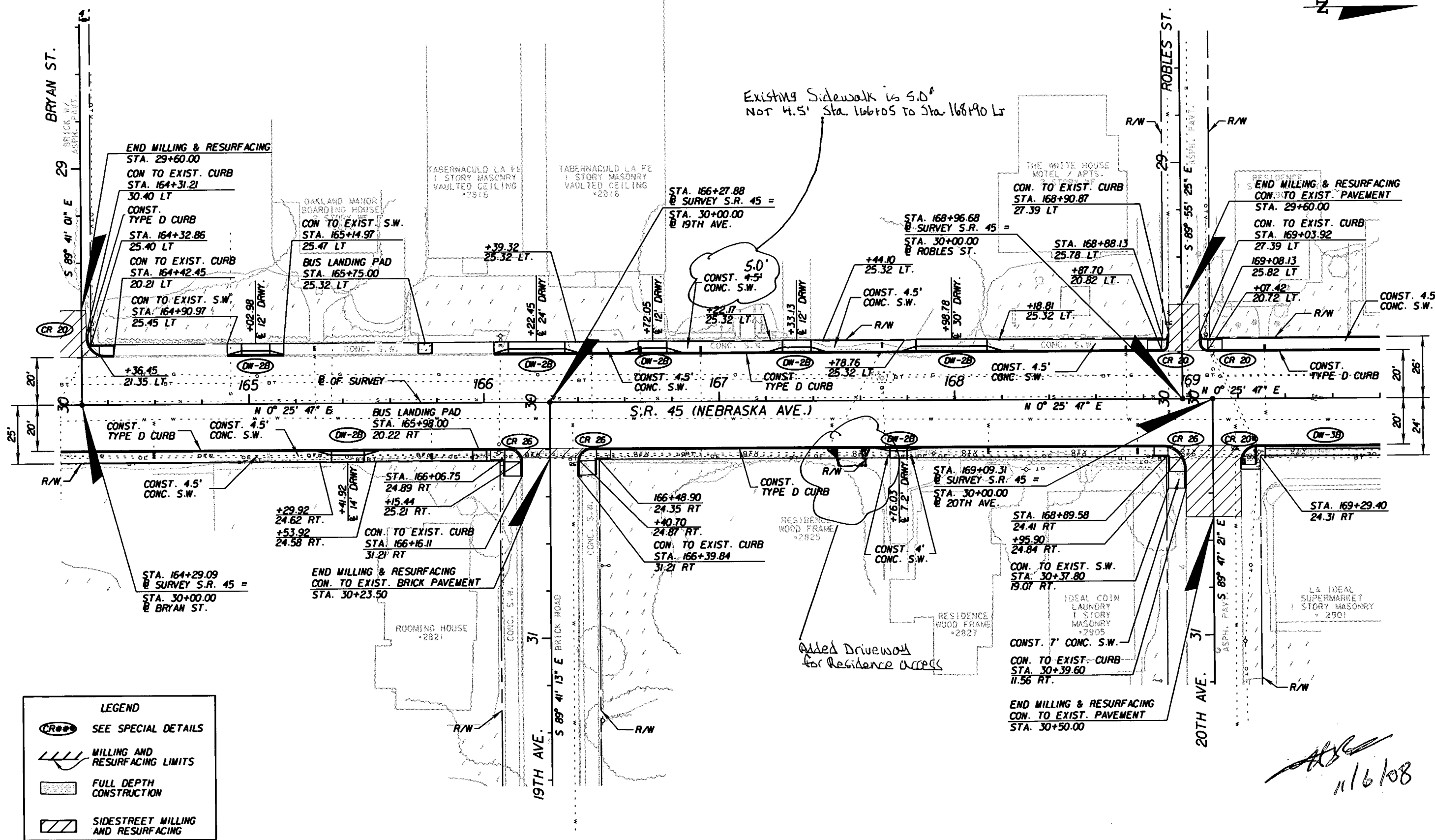
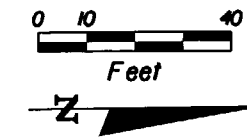
<b>PLAN SHEET</b>		SHEET NO. 46
<b>158+60.00 TO 164+20.00</b>		

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REVISIONS		DATE		BY		DESCRIPTION		G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>158+60.00 TO 164+20.00</b>	SHEET NO. 47
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY		FINANCIAL PROJECT ID	S.R. 45	HILLSBOROUGH		



Existing Sidewalk is 5.0'  
Not 4.5' Sta. 166+05 to Sta. 168+90 Lt

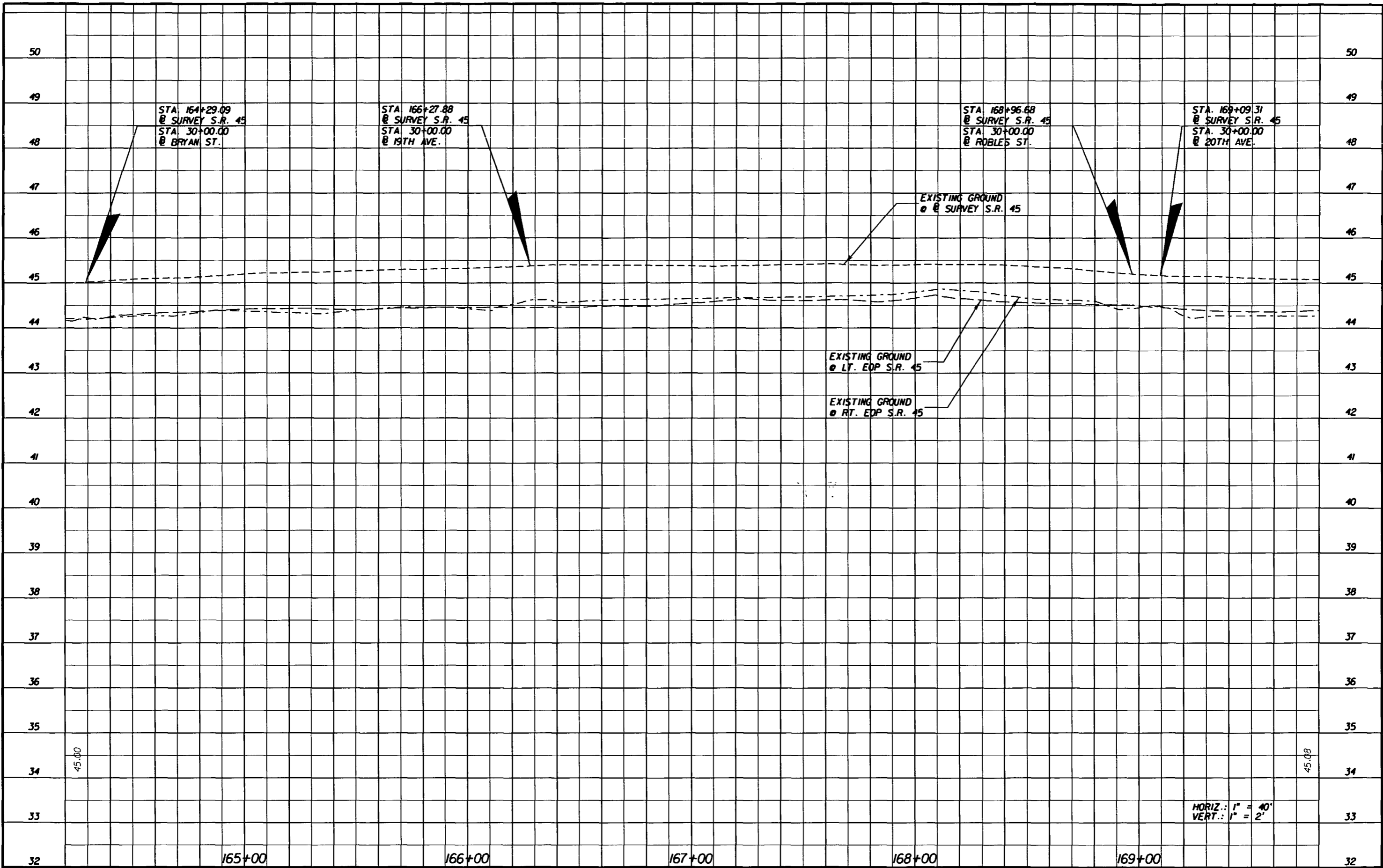
Added Driveway  
for Residence Access

*[Handwritten Signature]*  
11/6/08

LEGEND			
	SEE SPECIAL DETAILS		
	MILLING AND RESURFACING LIMITS		
	FULL DEPTH CONSTRUCTION		
	SIDEWALK MILLING AND RESURFACING		

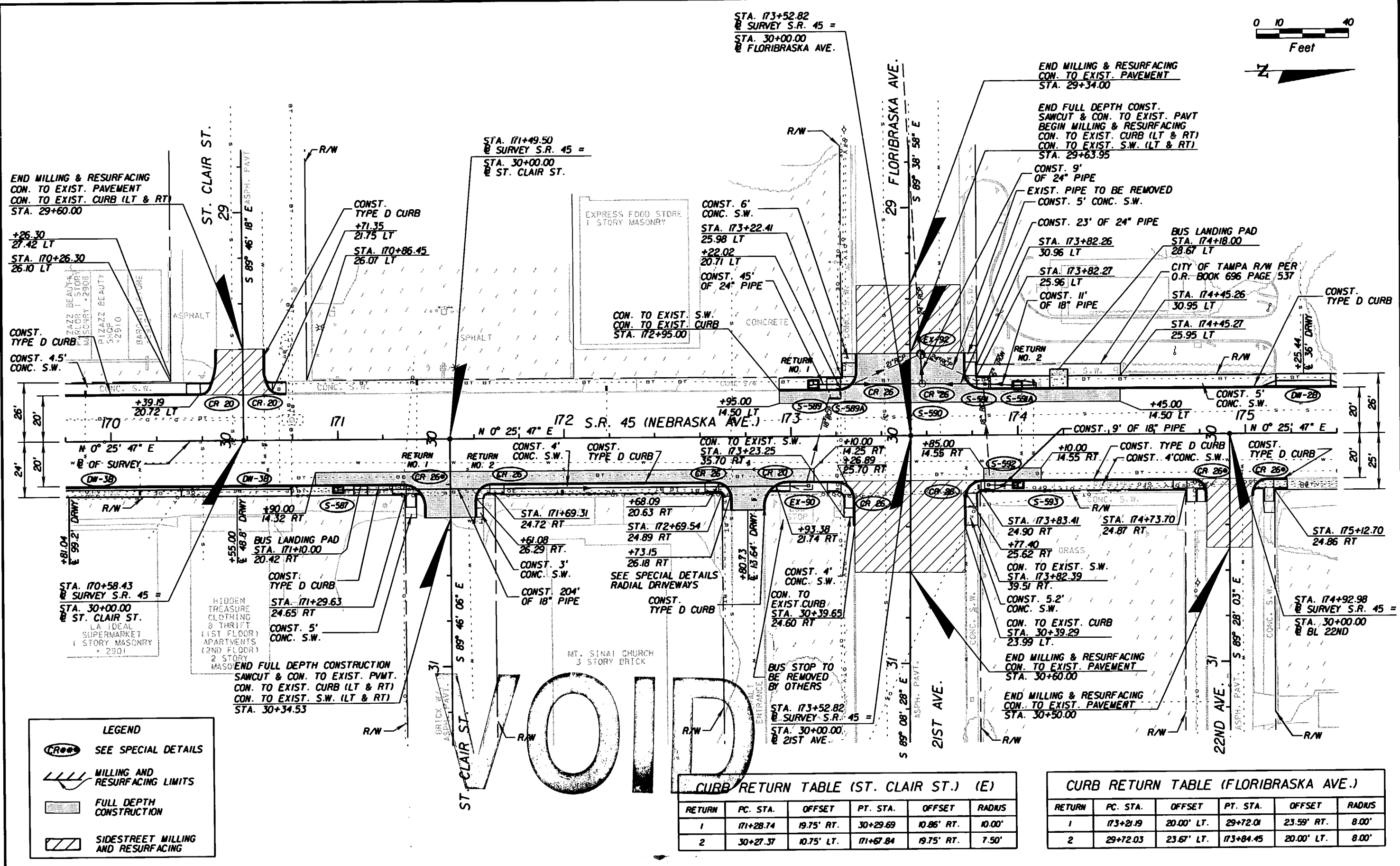
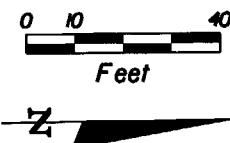
REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET 164+20.00 TO 169+80.00	SHEET NO. 48
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

REVISIONS					G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>164+20.00 TO 169+80.00</b>	SHEET NO.	
DATE	BY	DESCRIPTION	DATE	BY		DESCRIPTION	ROAD NO.	COUNTY		FINANCIAL PROJECT ID	49
							S.R. 45	HILLSBOROUGH		255853-1-52-01	



CURB RETURN TABLE (ST. CLAIR ST.) (E)

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	171+28.74	19.75' RT.	30+29.69	10.86' RT.	10.00'
2	30+27.37	10.75' LT.	171+67.84	19.75' RT.	7.50'

CURB RETURN TABLE (FLORIBRASKA AVE.)

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	173+21.19	20.00' LT.	29+72.01	23.59' RT.	8.00'
2	29+72.03	23.67' LT.	173+84.45	20.00' LT.	8.00'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

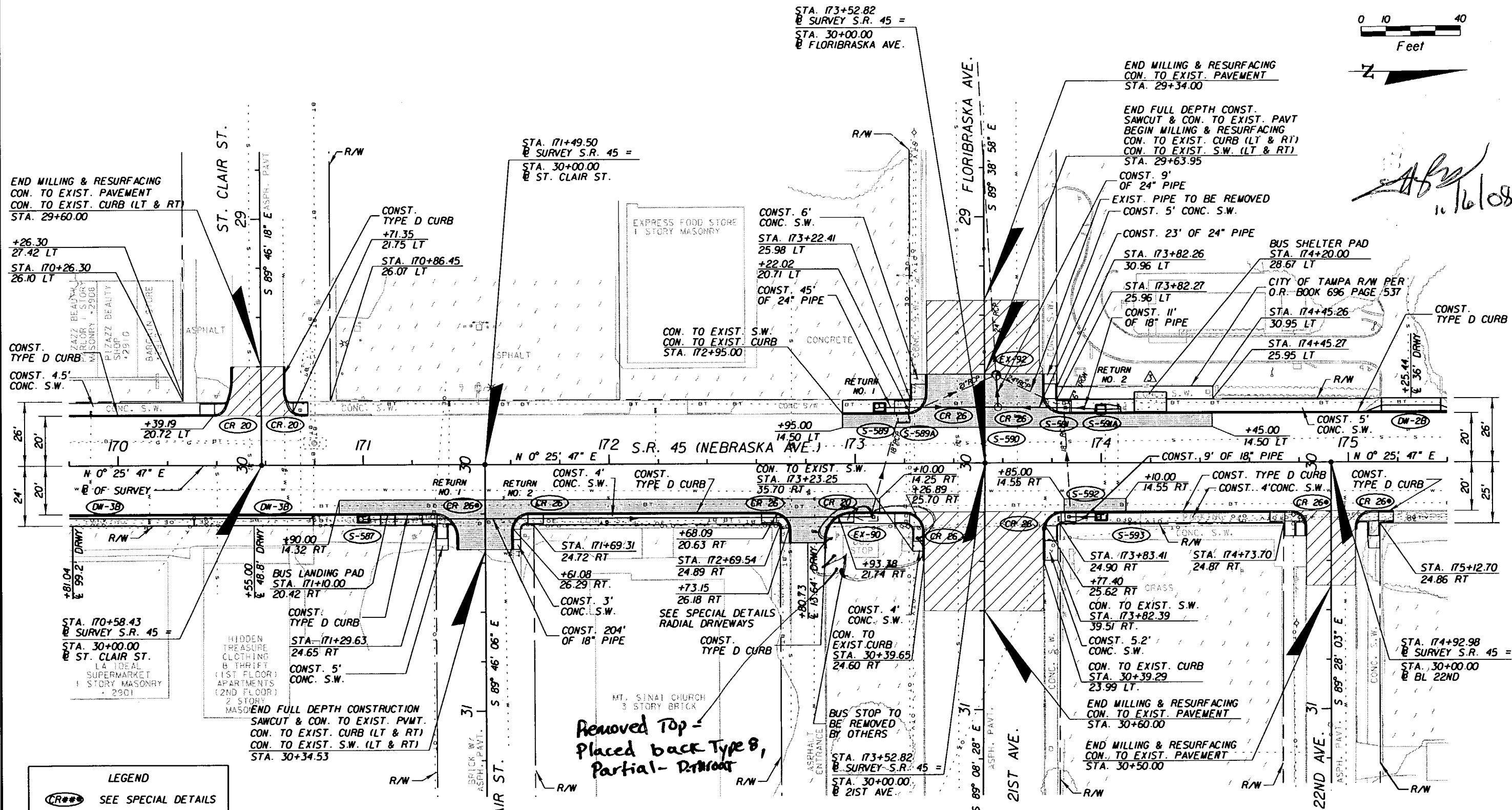
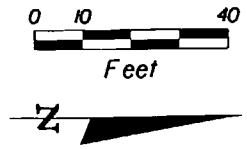
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**169+80.00 TO 175+40.00**

SHEET NO.  
50

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6015-23.003, F.A.C.



**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

**CURB RETURN TABLE (ST. CLAIR ST.) (E)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	171+28.74	19.75' RT.	30+29.69	10.86' RT.	10.00'
2	30+27.37	10.75' LT.	171+67.84	19.75' RT.	7.50'

**CURB RETURN TABLE (FLORIBASKA AVE.)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	173+21.19	20.00' LT.	29+72.01	23.59' RT.	8.00'
2	29+72.03	23.67' LT.	173+84.45	20.00' LT.	8.00'

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	CHANGED BUS LANDING PAD TO BUS SHELTER PAD.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

**STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION**

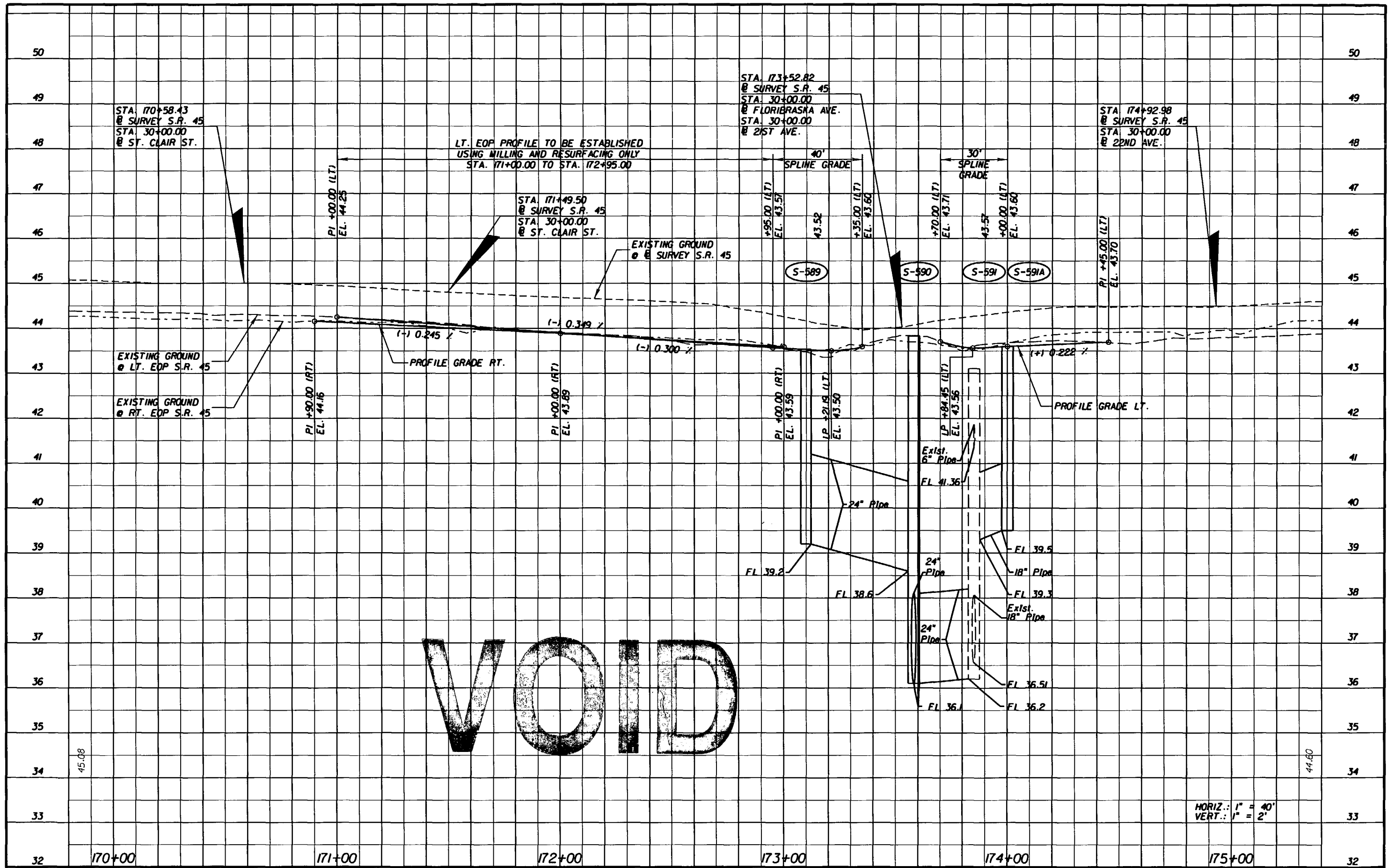
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**169+80.00 TO 175+40.00**

SHEET NO. 50

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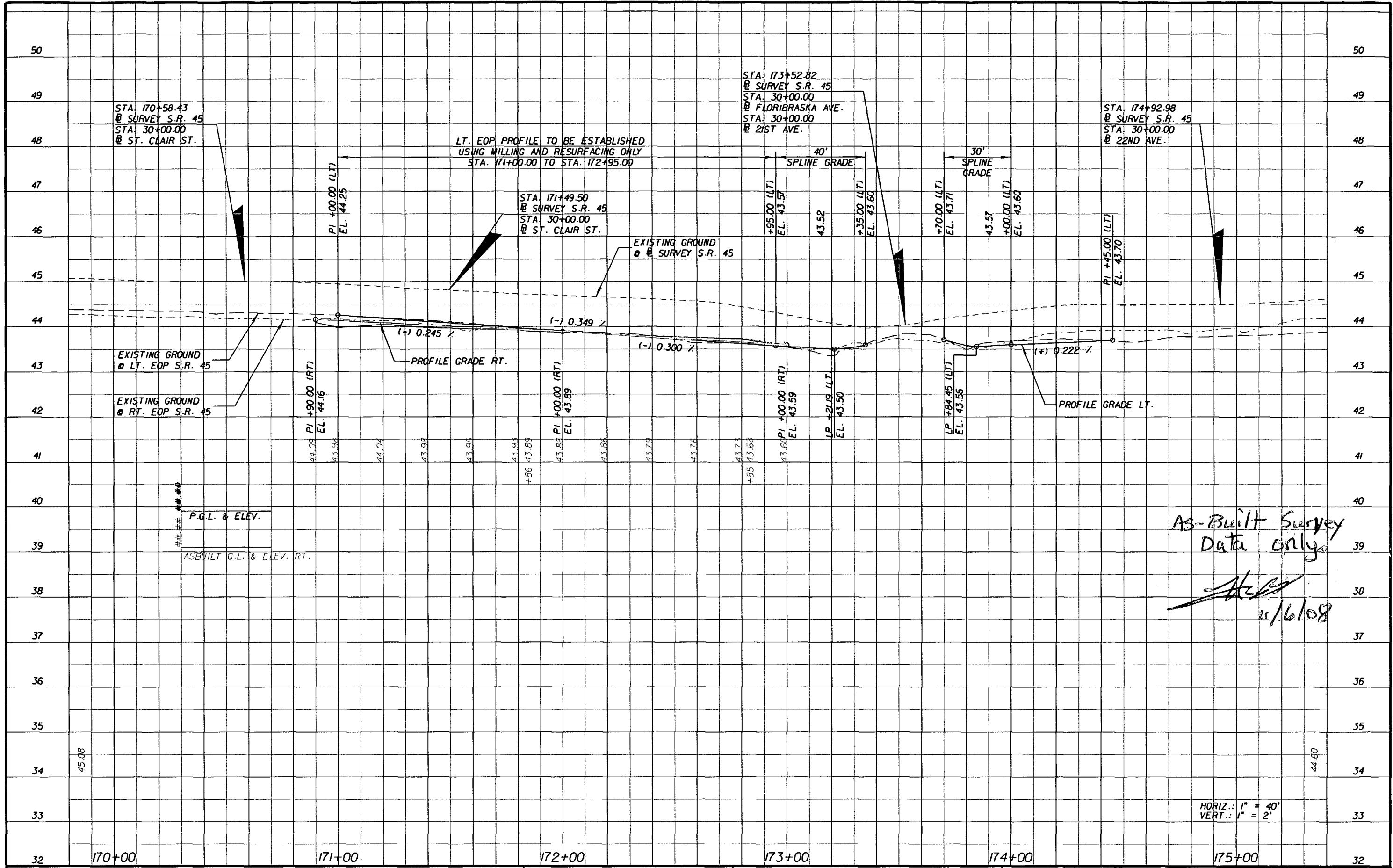
VOID

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS		G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		<b>PROFILE SHEET</b> <b>169+80.00 TO 175+40.00</b>	SHEET NO. 51		
DATE	BY		DESCRIPTION	DATE			BY	DESCRIPTION

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6615-23.003, F.A.C.

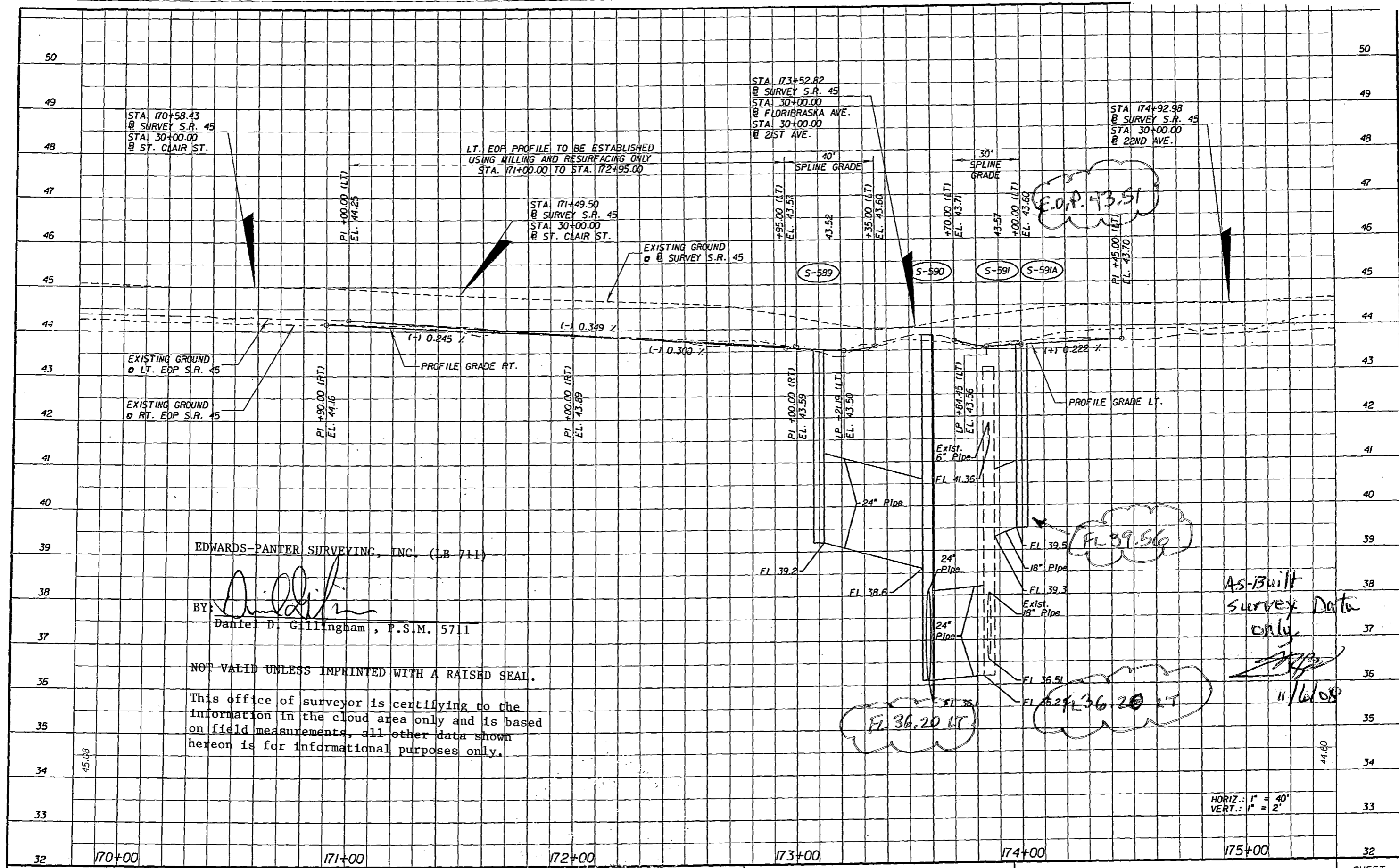




NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>169+80.00 TO 175+40.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		51
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

HORIZ.: 1" = 40'  
VERT.: 1" = 2'



EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.  
This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

As-Built Survey Data only  
*[Signature]*  
11/6/08

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

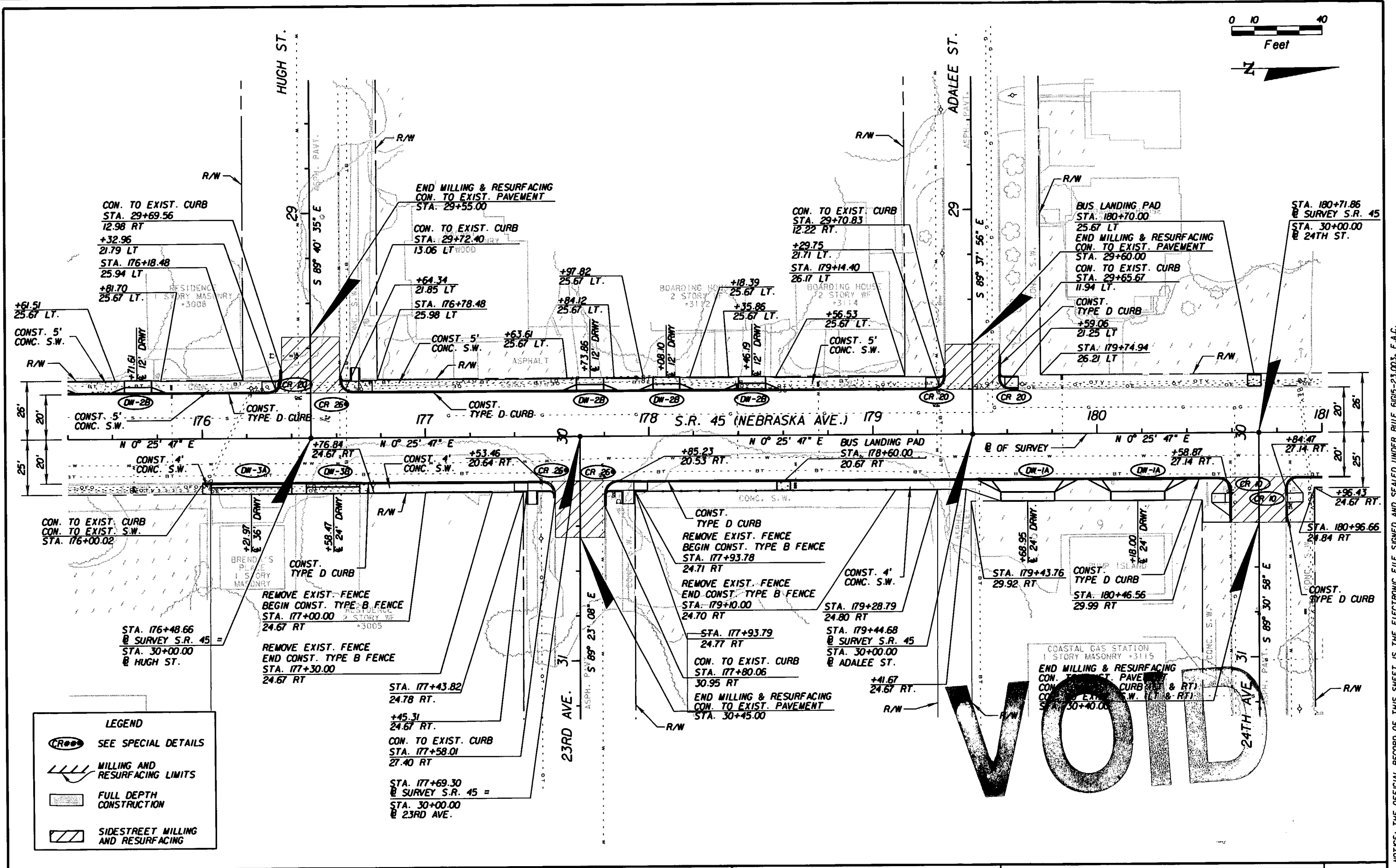
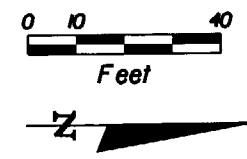
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7, DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**169+80.00 TO 175+40.00**

SHEET NO. 51a

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68B-23.003, F.A.C.



**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

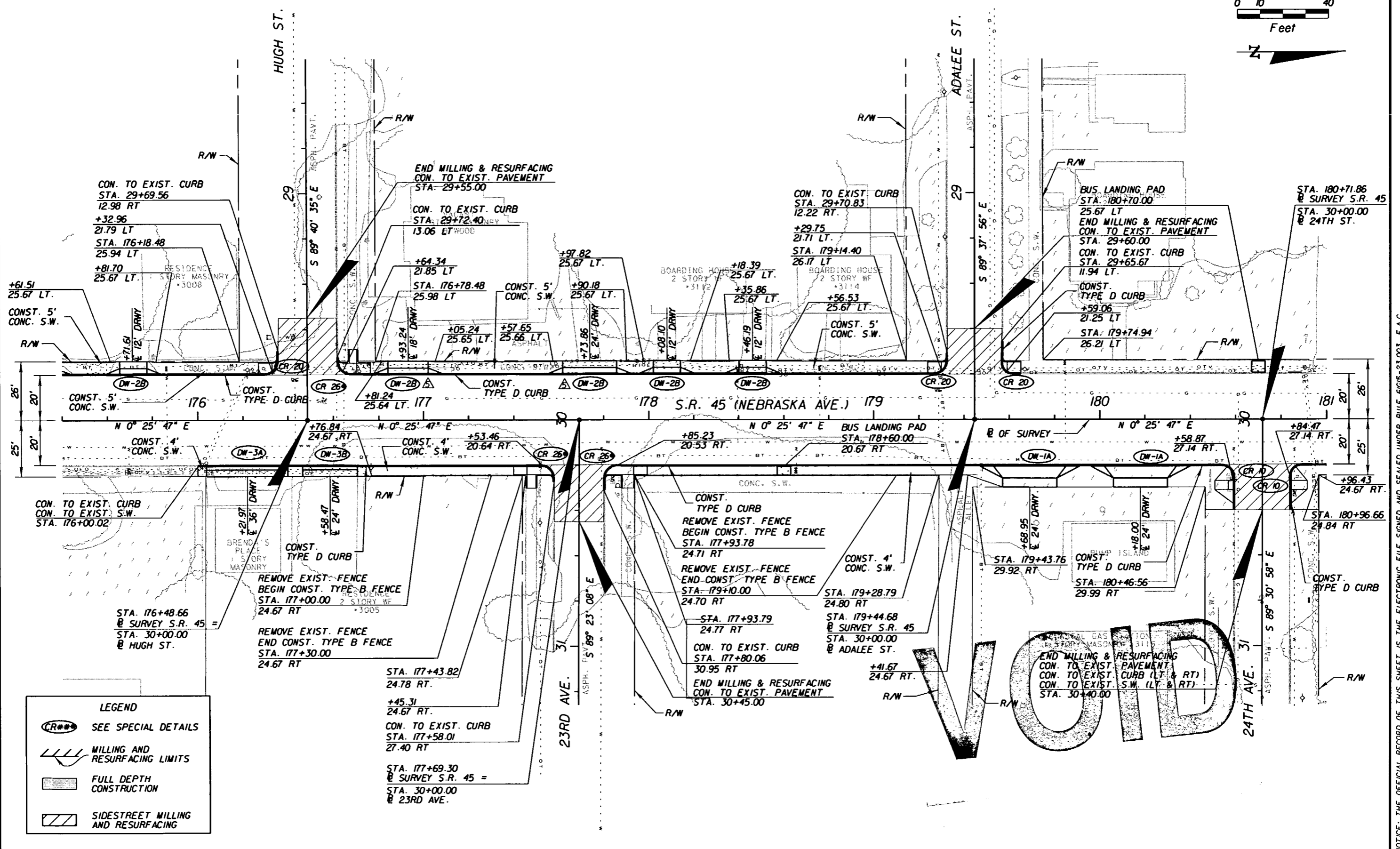
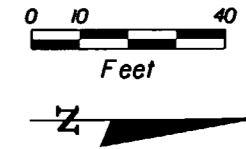
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**175+40.00 TO 181+00.00**

SHEET NO.  
 52

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
02/27/08	MJM	MODIFIED DRIVEWAY AND ADDED DRIVEWAY.			

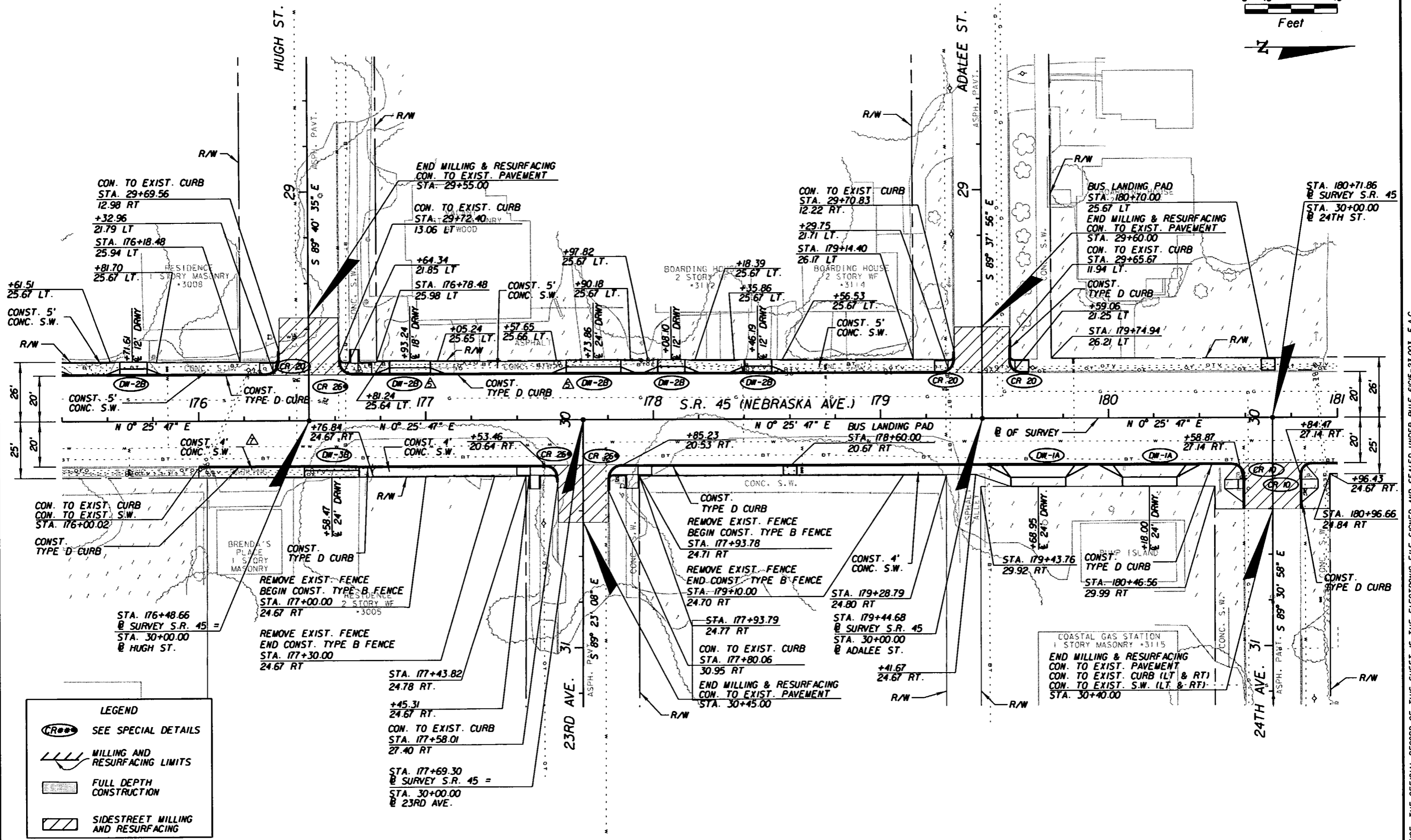
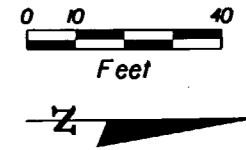
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**175+40.00 TO 181+00.00**

SHEET NO.  
 52

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
02/27/08	MJM	MODIFIED DRIVEWAY AND ADDED DRIVEWAY.			
05/22/08	MJM	REPLACED DRIVEWAY WITH SIDEWALK.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

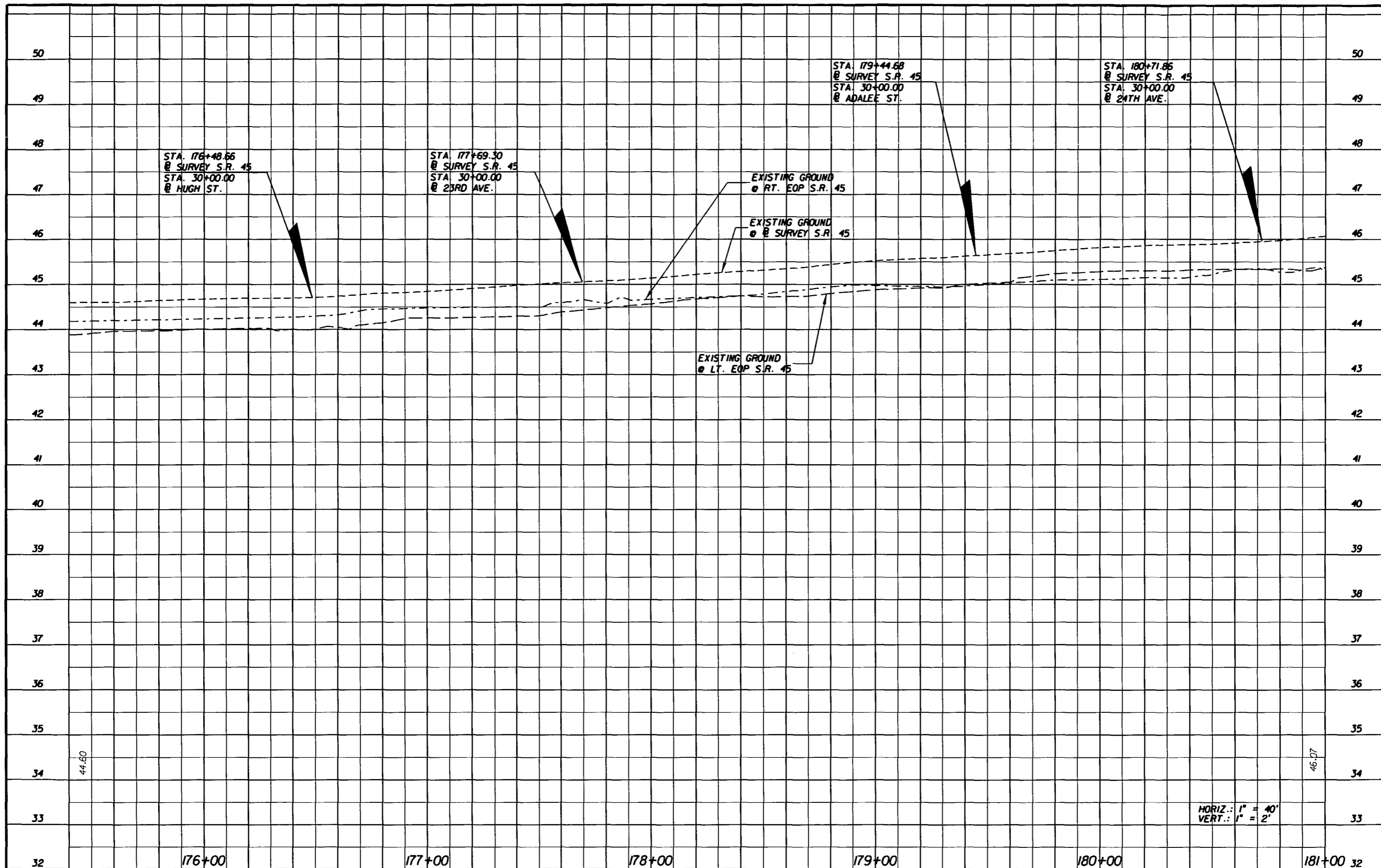
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**175+40.00 TO 181+00.00**

SHEET NO.  
 52

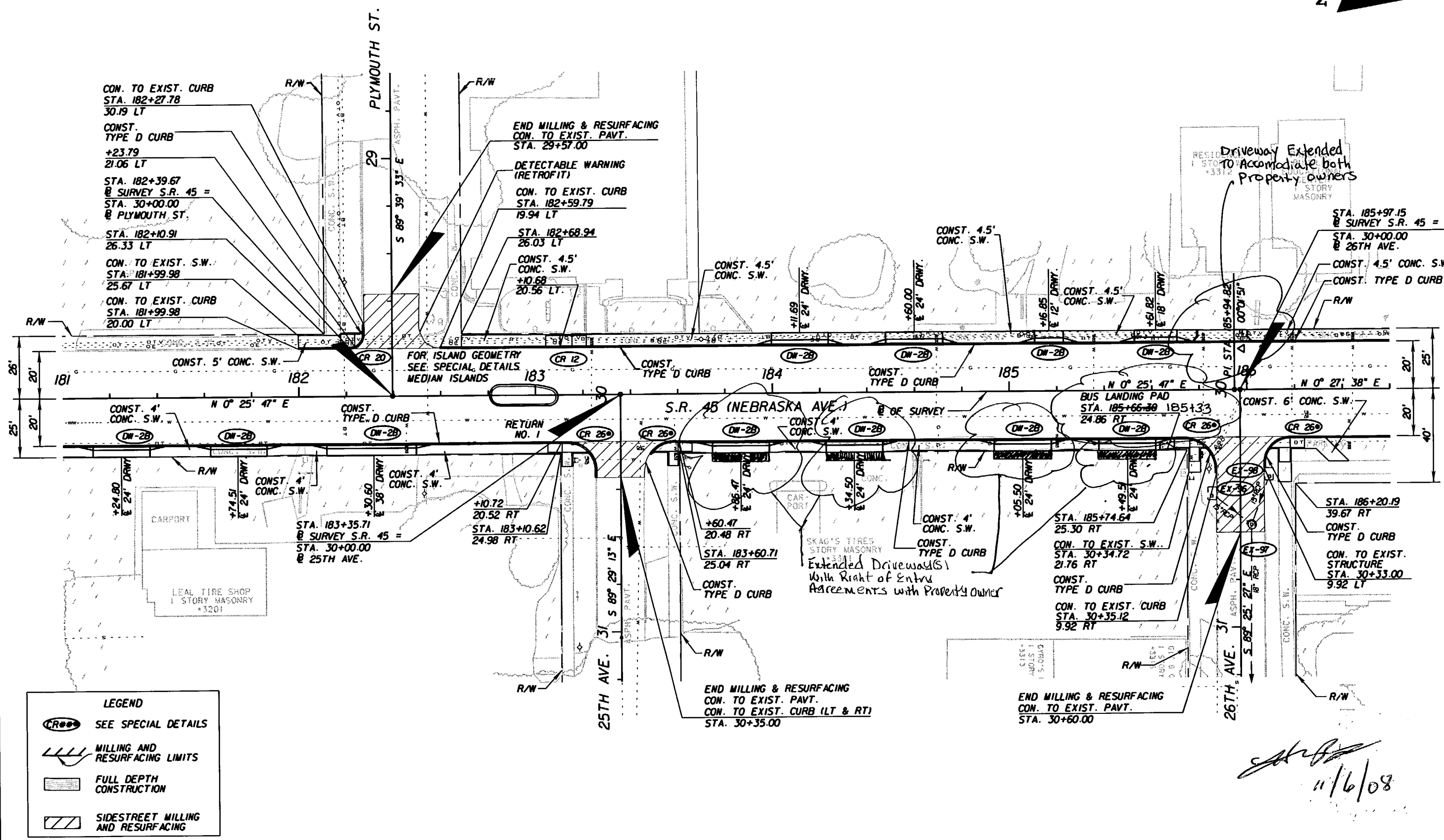
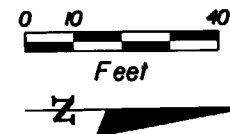
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.





NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>175+40.00 TO 181+00.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		53
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

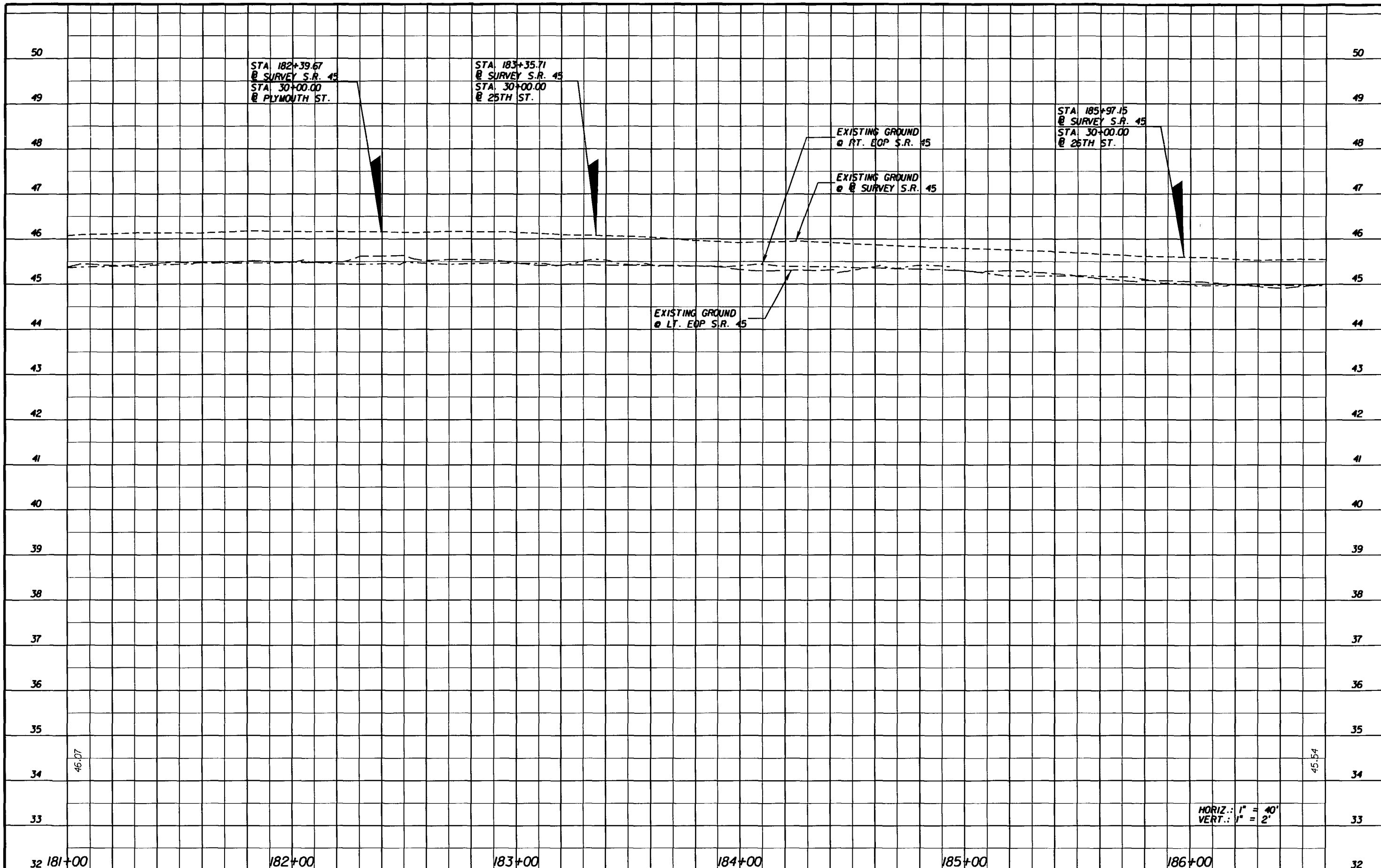
**PLAN SHEET**  
**181+00.00 TO 186+60.00**

SHEET NO.  
 54

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

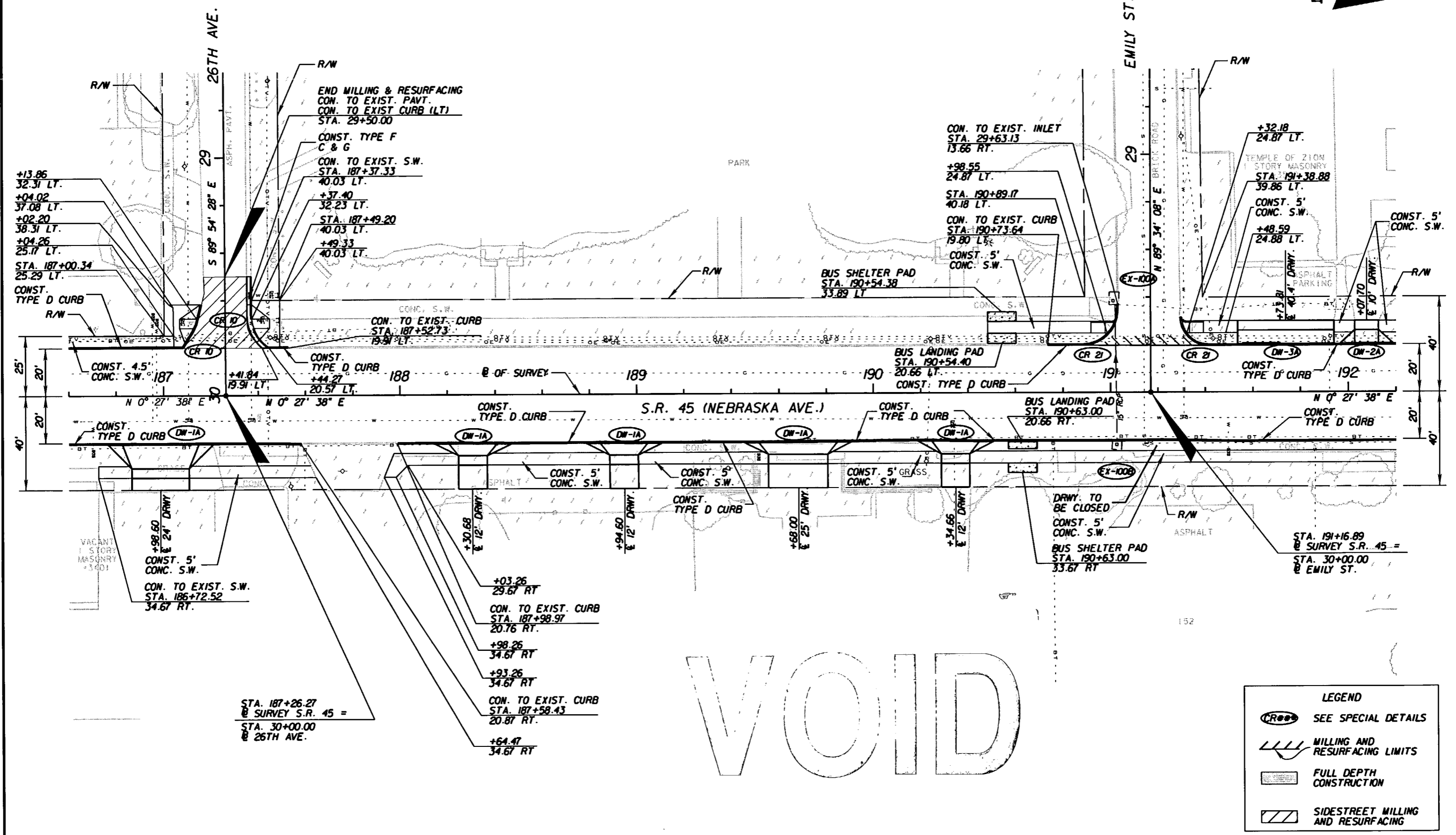
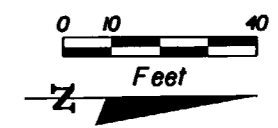
*[Handwritten Signature]*  
 11/6/08





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REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>181+00.00 TO 186+60.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		55
						S.R. 45	HILLSBOROUGH	255853-1-52-01			



VOID

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

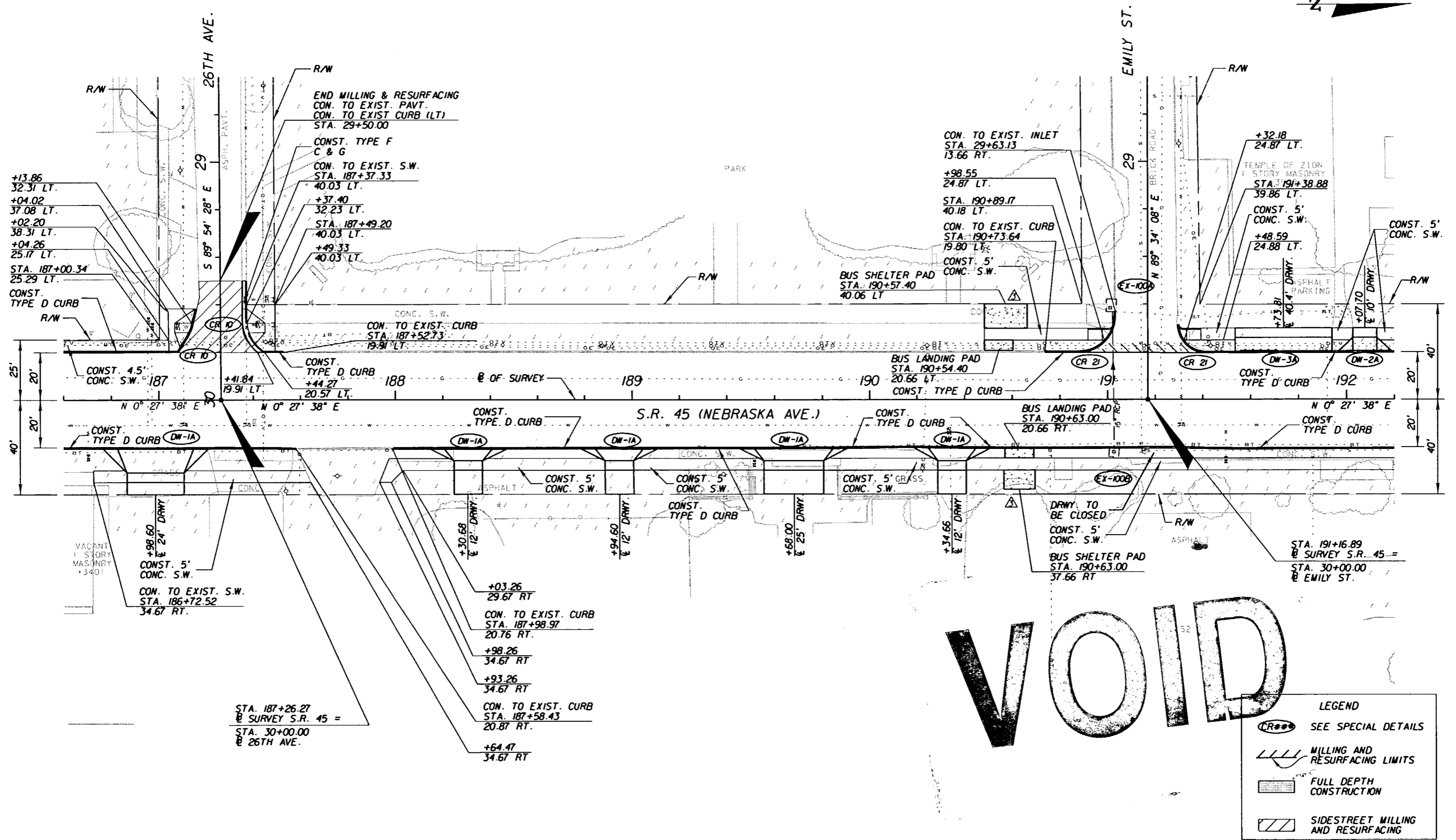
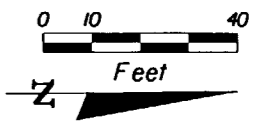
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**186+60.00 TO 192+20.00**

SHEET NO.  
56

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# VOID

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ENLARGED BUS SHELTER PADS.			

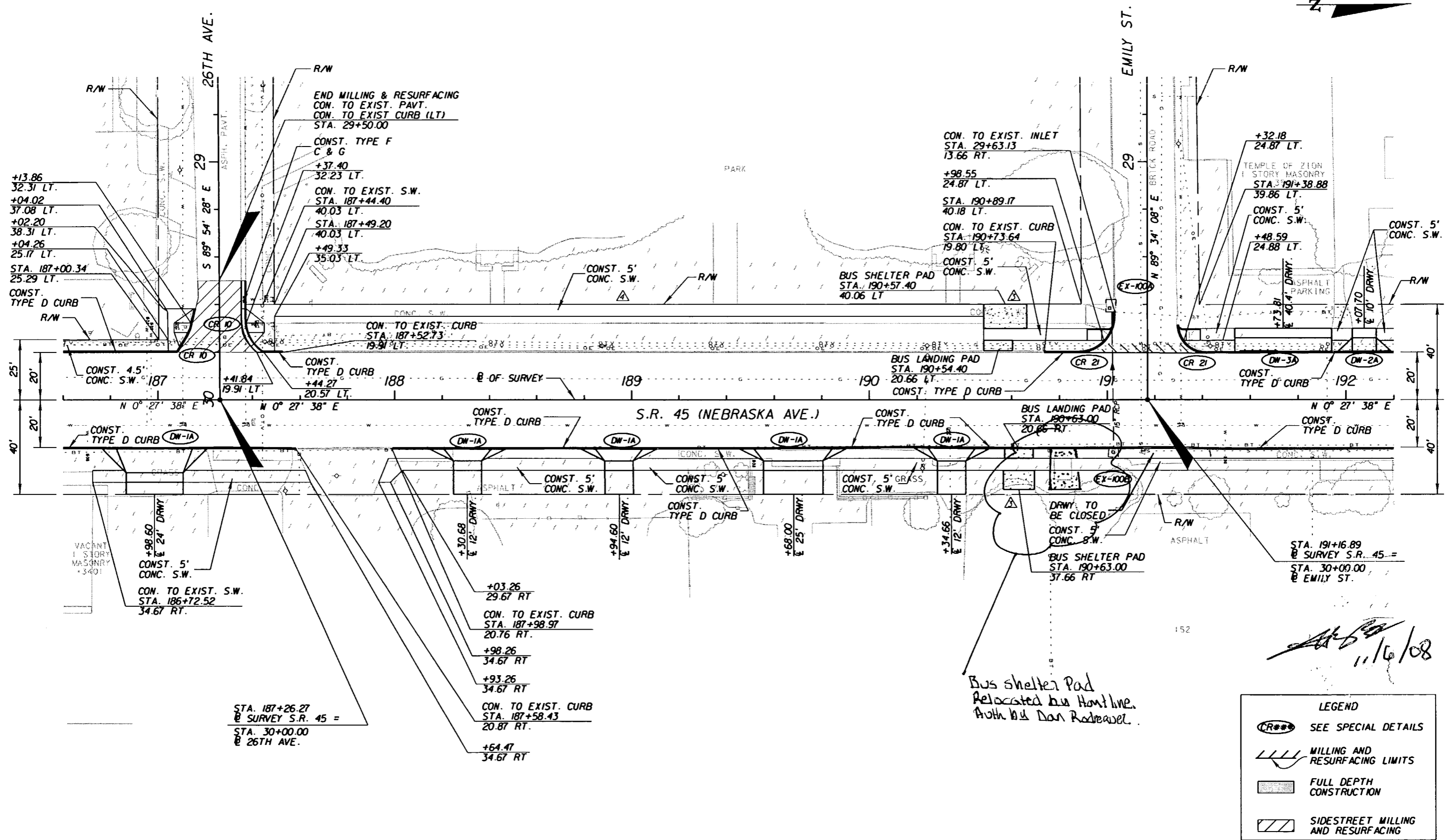
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**186+60.00 TO 192+20.00**

SHEET NO.  
56

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**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

Bus shelter pad Relocated bus Home line Auth by Dan Redbevel.

*[Handwritten signature]*  
11/6/08

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ENLARGED BUS SHELTER PADS.			
09/26/07	MJM	ADDED SIDEWALK.			

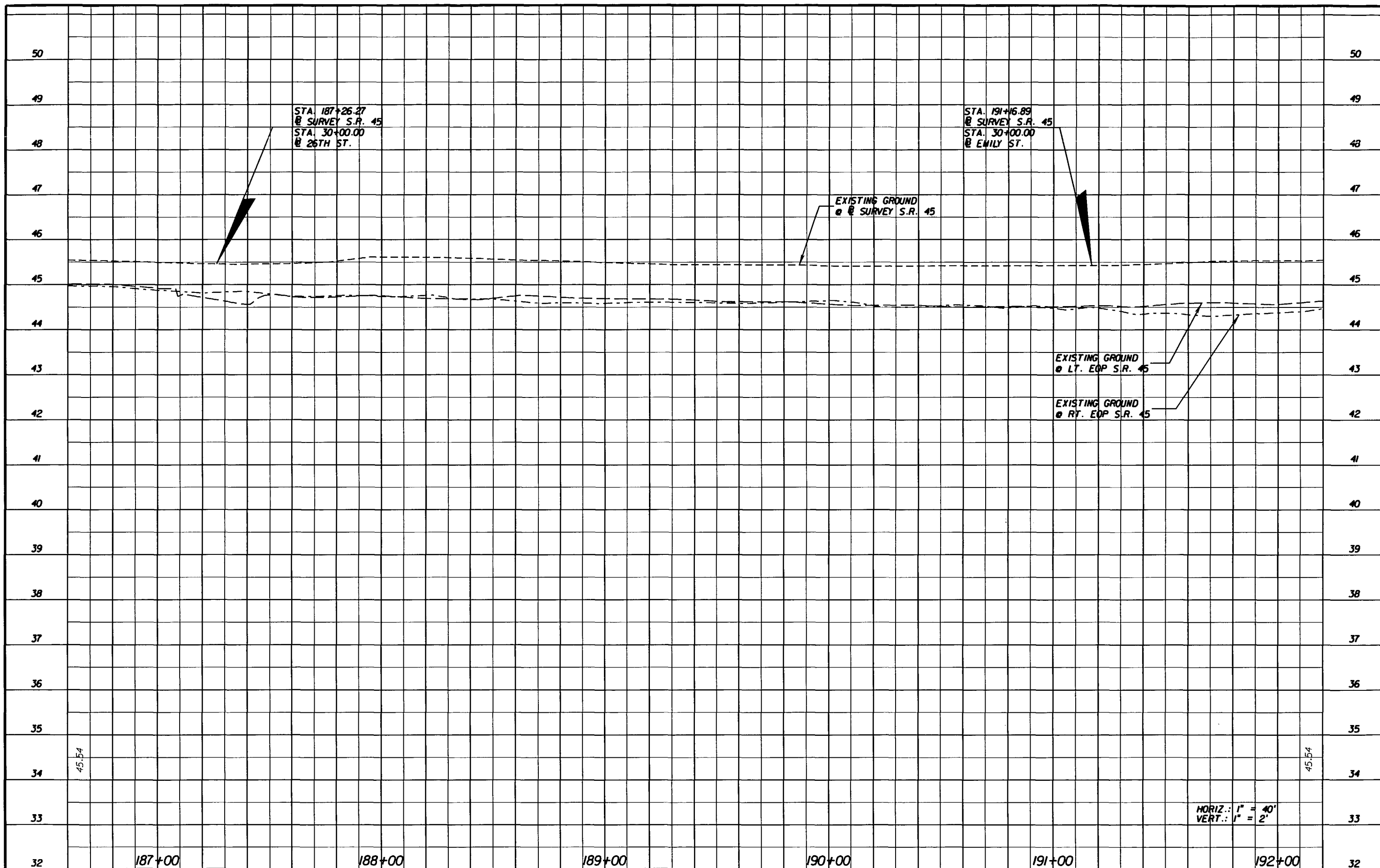
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**186+60.00 TO 192+20.00**

SHEET NO.  
56

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STA. 187+26.27  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ 26TH ST.

STA. 191+6.89  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ EMILY ST.

EXISTING GROUND  
@ SURVEY S.R. 45

EXISTING GROUND  
@ LT. EOP S.R. 45

EXISTING GROUND  
@ RT. EOP S.R. 45

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

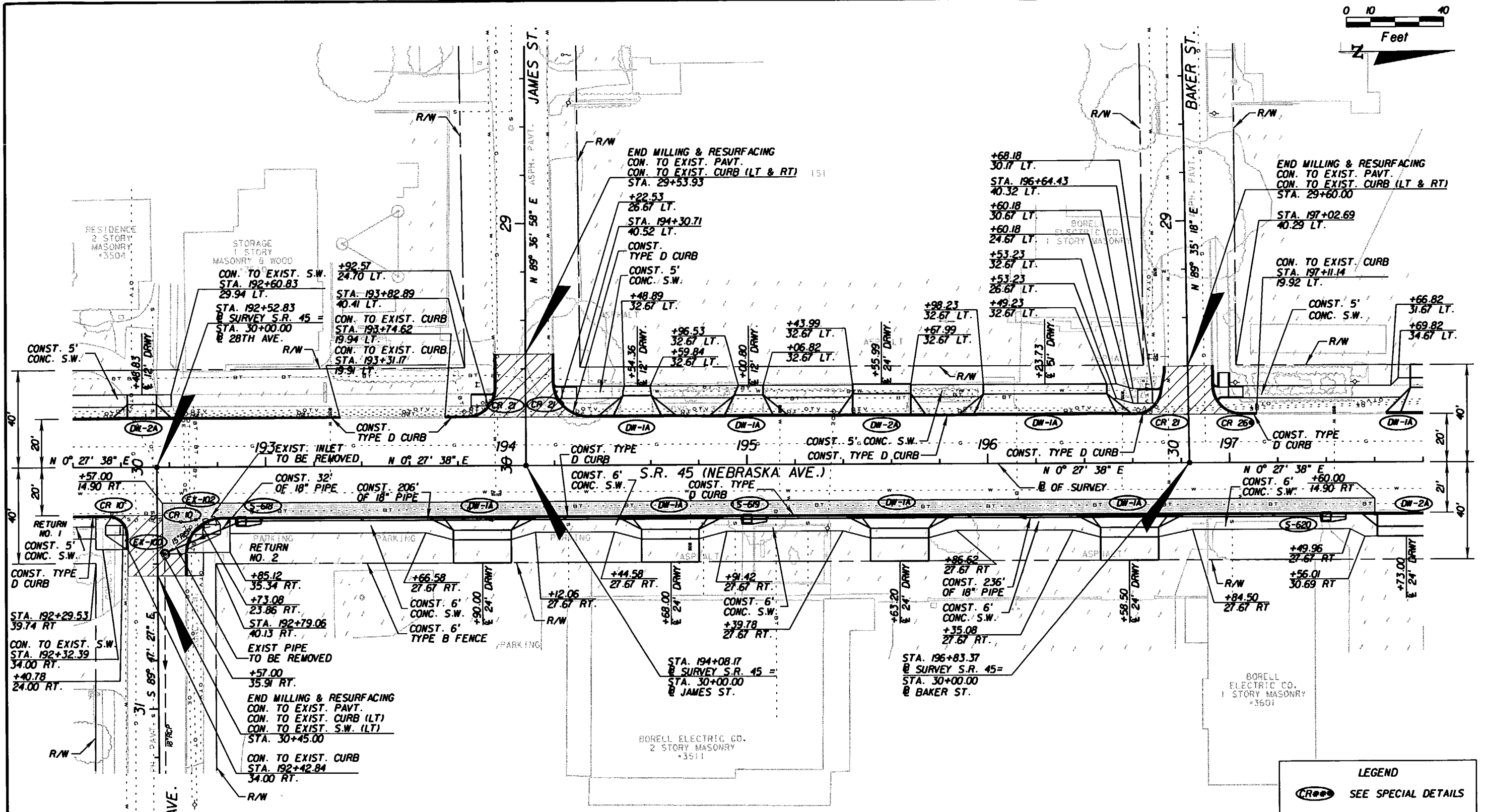
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**186+60.00 TO 192+20.00**

SHEET NO.  
57



**CURB RETURN TABLE (28TH AVE.)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
2	30+35.92	11.62' LT.	192+81.61	21.00' RT.	15.00'

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

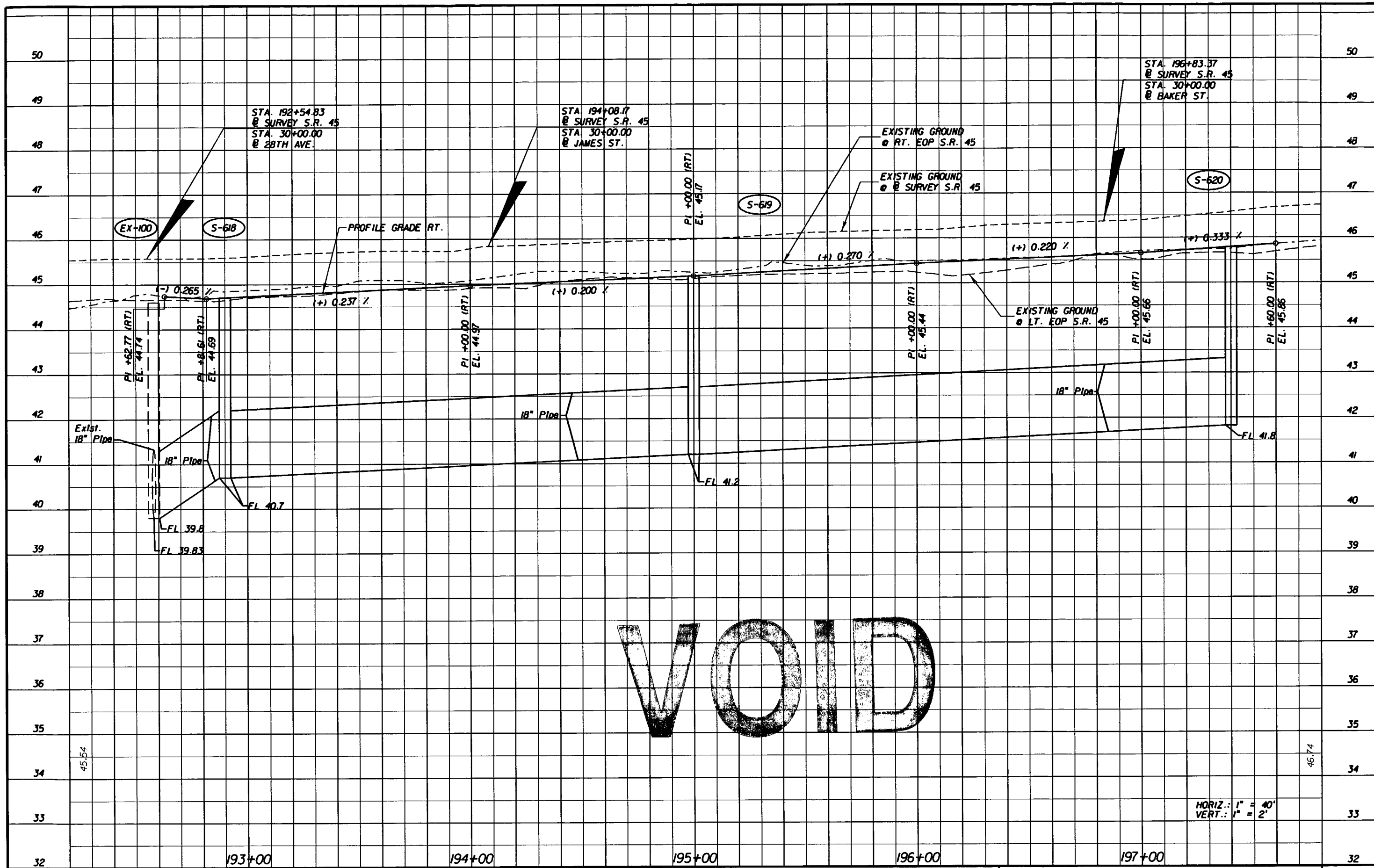
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**192+20.00 TO 197+80.00**

SHEET NO.  
58

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



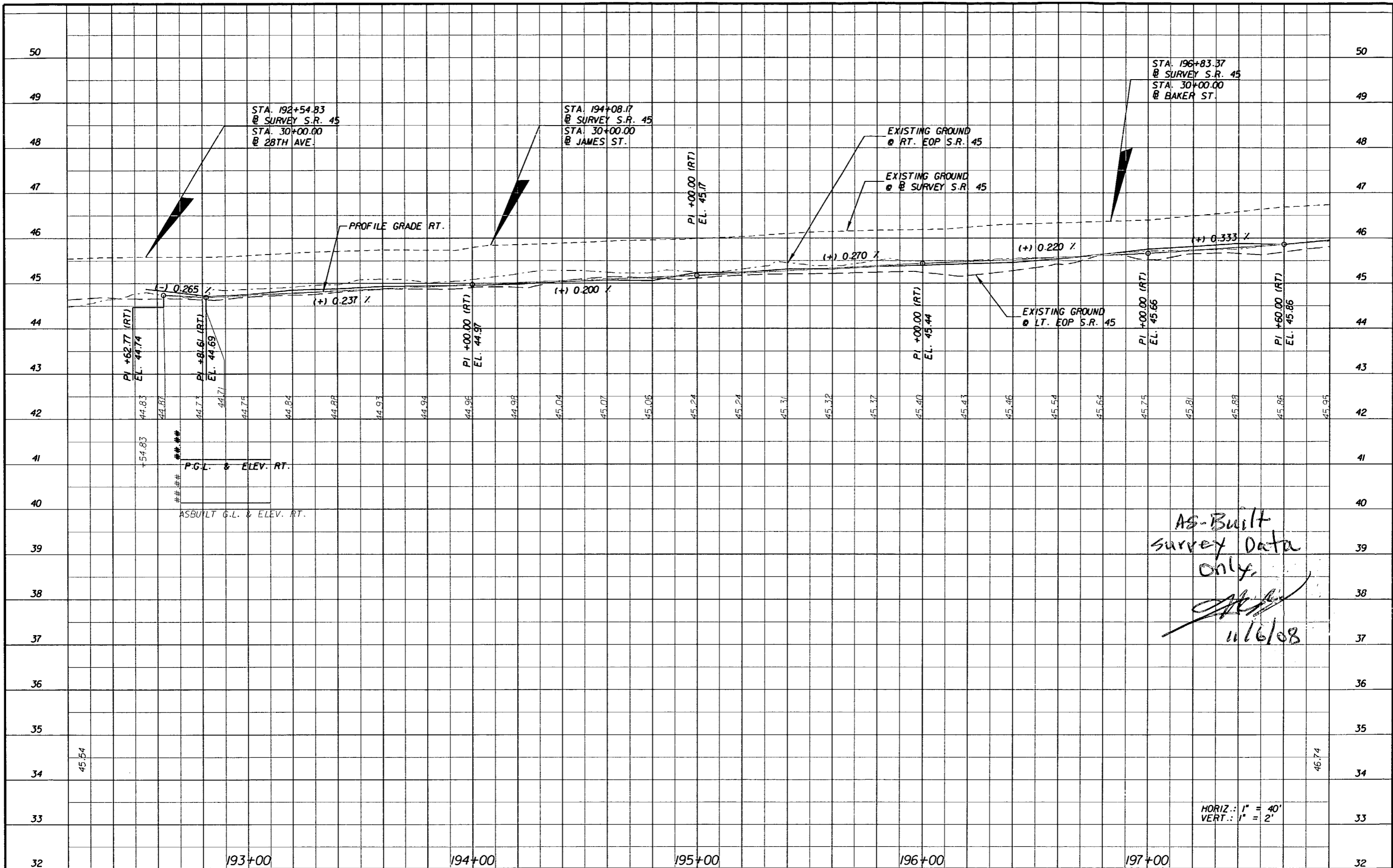
VOID

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS					G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>192+20.00 TO 197+80.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY				DESCRIPTION	ROAD NO.	COUNTY		FINANCIAL PROJECT ID
						S.R. 45	HILLSBOROUGH	255853-1-52-01				





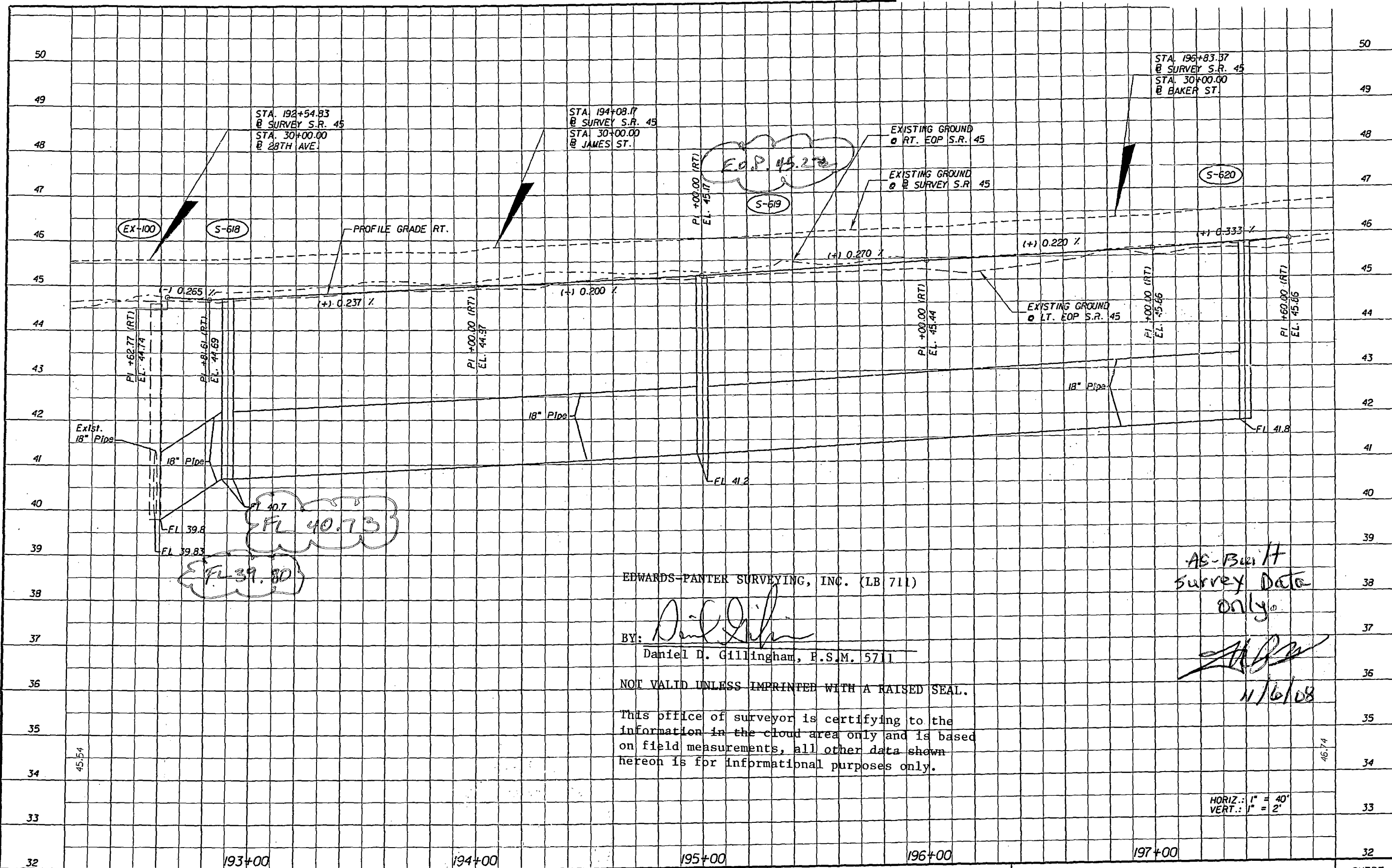
###  
P.G.L. & ELEV. RT.  
###  
ASBUILT G.L. & ELEV. RT.

AS-Built  
Survey Data  
Only  
*[Signature]*  
11/6/08

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

DATE		BY	DESCRIPTION	DATE	BY	DESCRIPTION	G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>192+20.00 TO 197+80.00</b>	SHEET NO. 59
ROAD NO.		COUNTY		FINANCIAL PROJECT ID				S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *Daniel D. Gillingham*  
 Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

AS-BUILT  
 Survey Data  
 only

*[Signature]*  
 11/6/08

HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

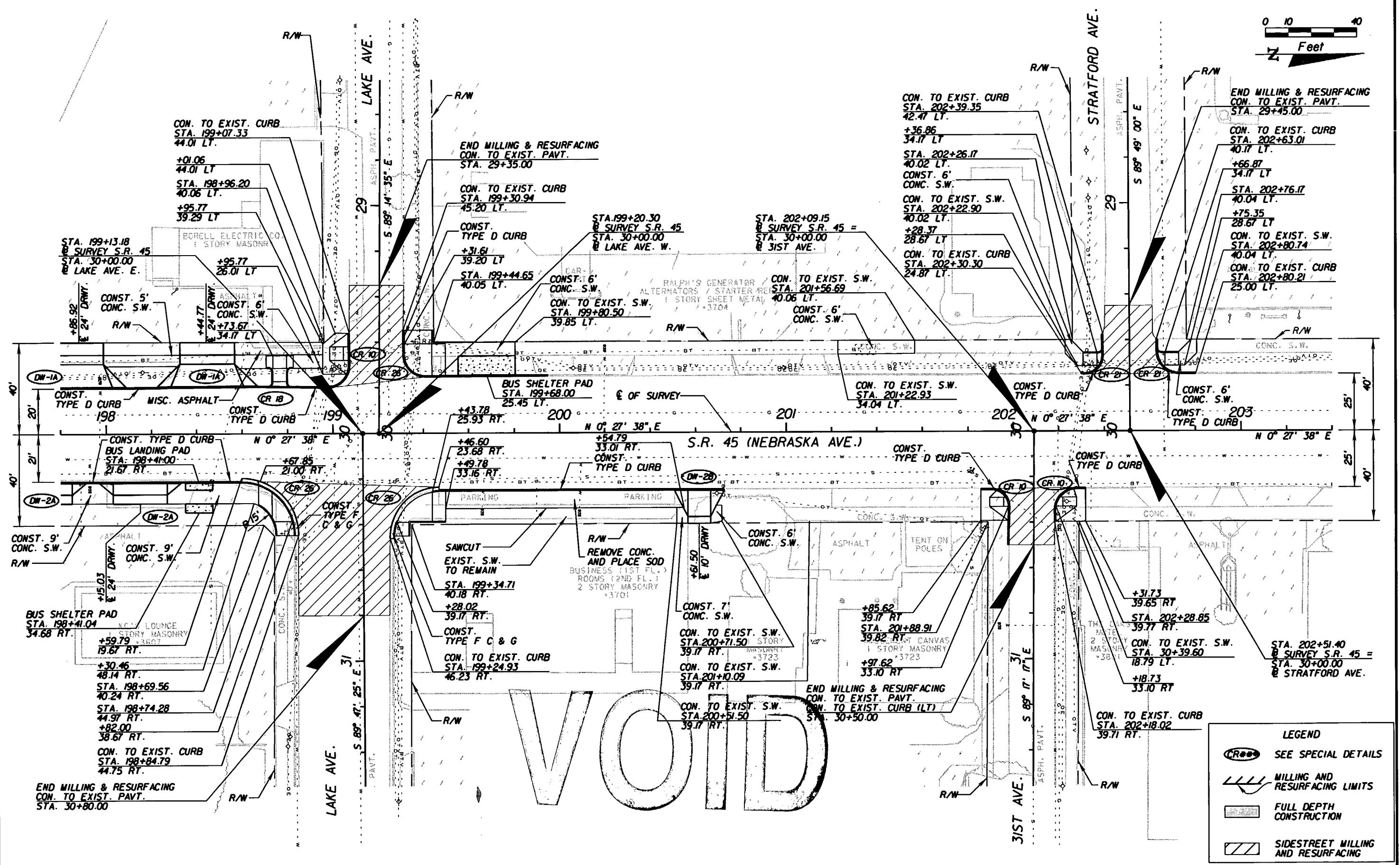
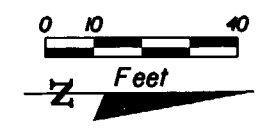
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**192+20.00 TO 197+80.00**

SHEET NO. 59a

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

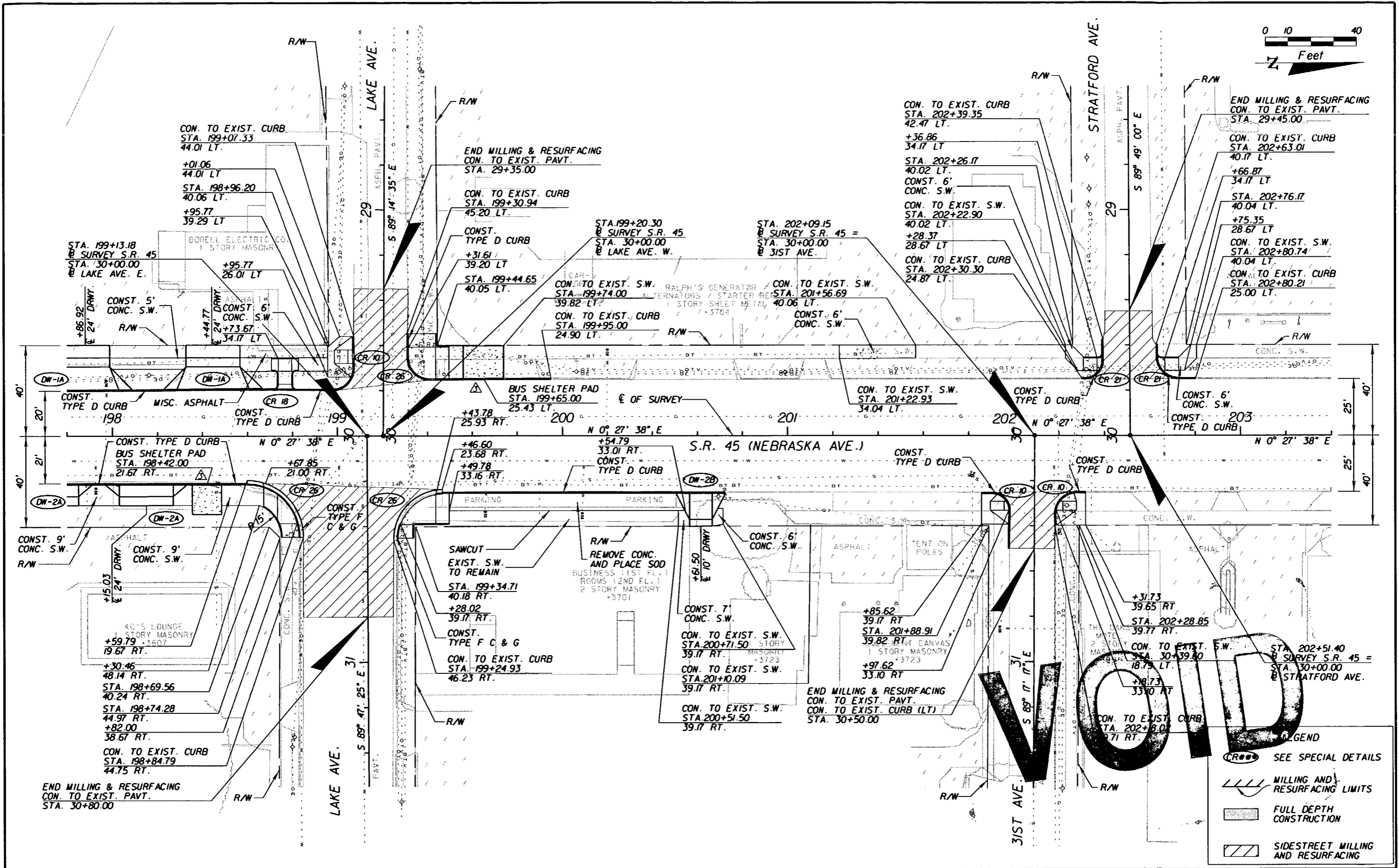
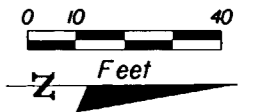
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**197+80.00 TO 203+40.00**

SHEET NO.  
60

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.



**LEGEND**

- CR\*\*** SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS**
- FULL DEPTH CONSTRUCTION**
- SIDEWALK MILLING AND RESURFACING**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ADJUSTED BUS SHELTER PADS. REMOVED BUS LANDING PAD.			

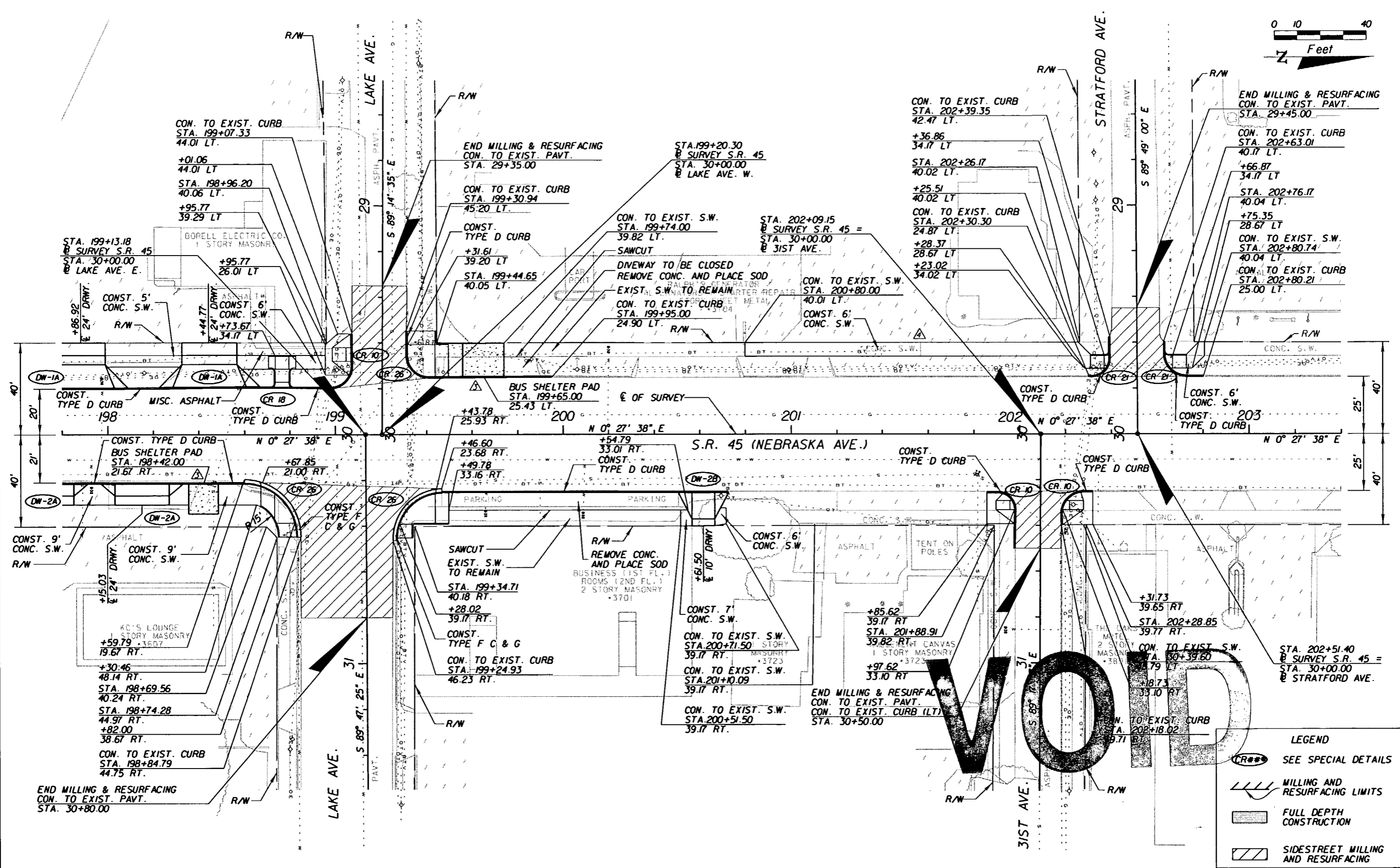
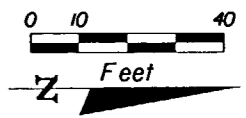
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**197+80.00 TO 203+40.00**

SHEET NO.  
 60

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VOID

**LEGEND**

	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ADJUSTED BUS SHELTER PADS. REMOVED BUS LANDING PAD.			
09/26/07	MJM	ADDED SIDEWALK.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

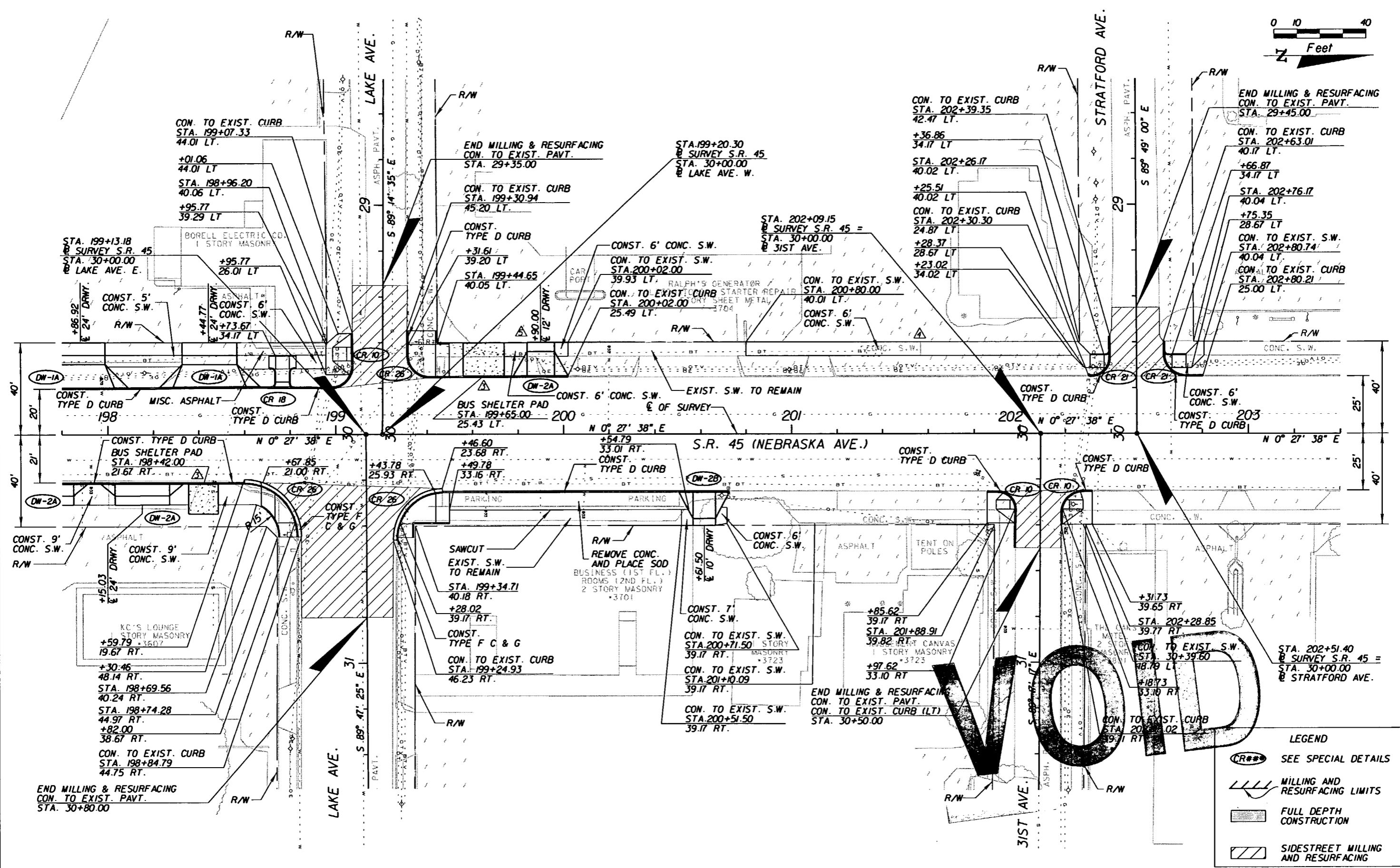
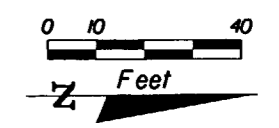
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**197+80.00 TO 203+40.00**

SHEET NO.  
 60

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.





**LEGEND**

- CR\*\*** SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS**
- FULL DEPTH CONSTRUCTION**
- SIDESTREET MILLING AND RESURFACING**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ADJUSTED BUS SHELTER PADS. REMOVED BUS LANDING PAD.			
09/26/07	MJM	ADDED SIDEWALK.			
02/27/08	MJM	ADDED DRIVEWAY AND SIDEWALK.			

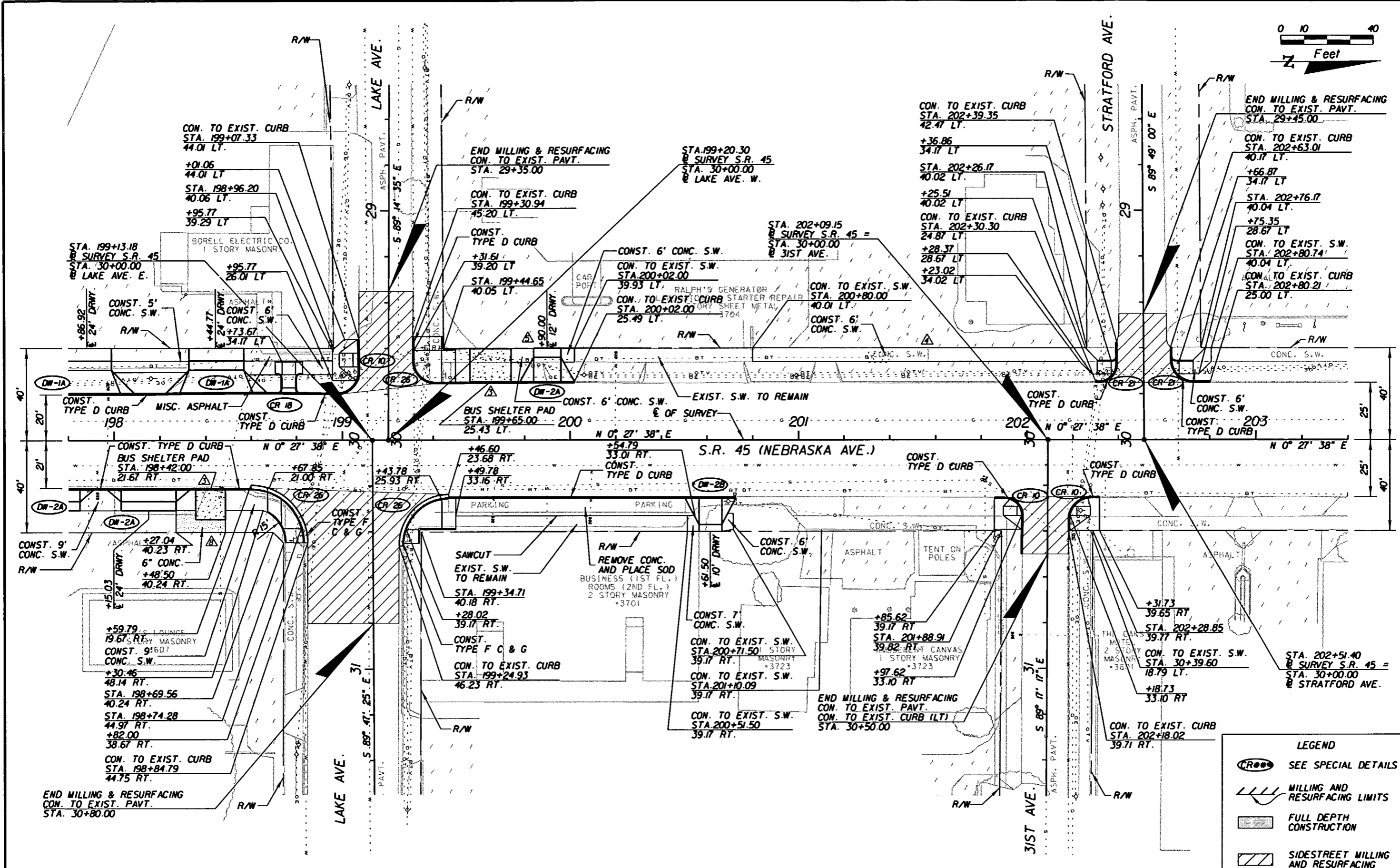
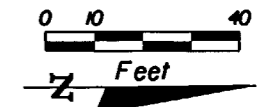
G. BRITTON HARDY  
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 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**197+80.00 TO 203+40.00**

SHEET NO. 60

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LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ADJUSTED BUS SHELTER PADS. REMOVED BUS LANDING PAD.	06/25/08	MJM	ADDED CONCRETE AREA.
09/26/07	MJM	ADDED SIDEWALK.			
02/27/08	MJM	ADDED DRIVEWAY AND SIDEWALK.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
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 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

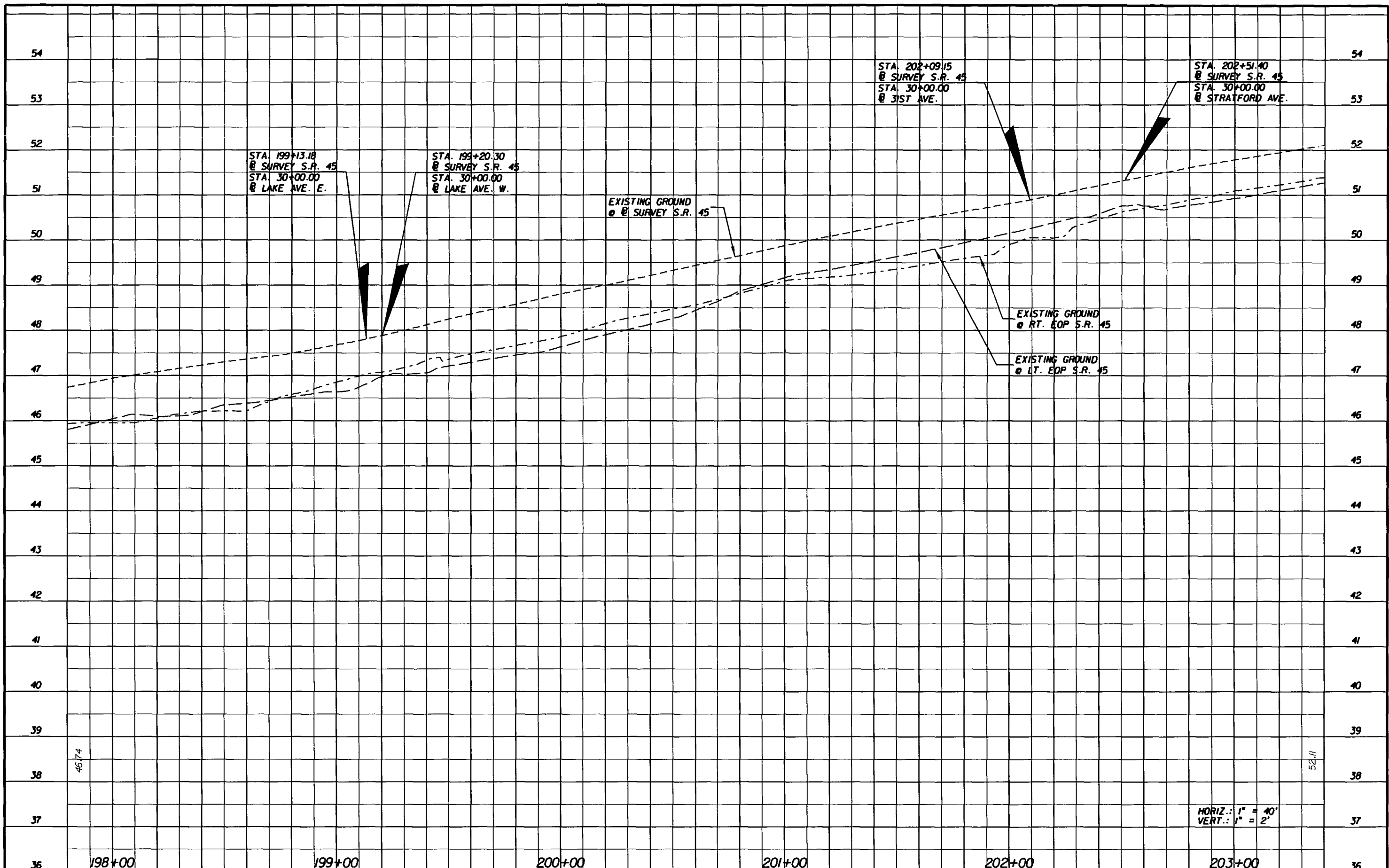
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**197+80.00 TO 203+40.00**

SHEET NO.  
 60

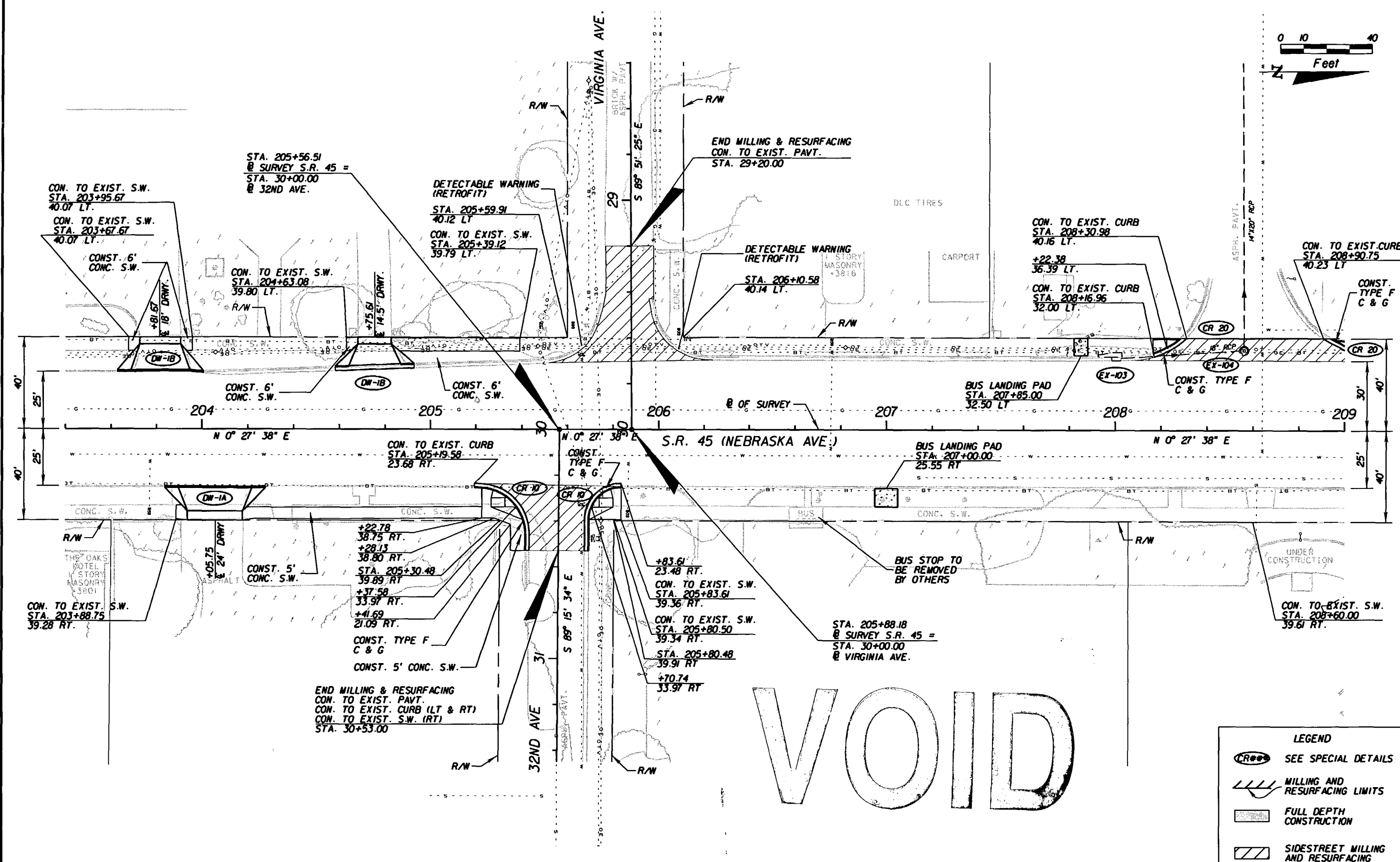
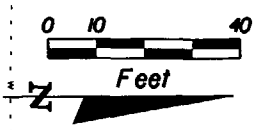
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

	198+00		199+00		200+00		201+00		202+00		203+00		36
REVISIONS													
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.	
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID	<b>PROFILE SHEET</b> <b>197+80.00 TO 203+40.00</b>			61	
						S.R. 45	HILLSBOROUGH	255853-1-52-01					



LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

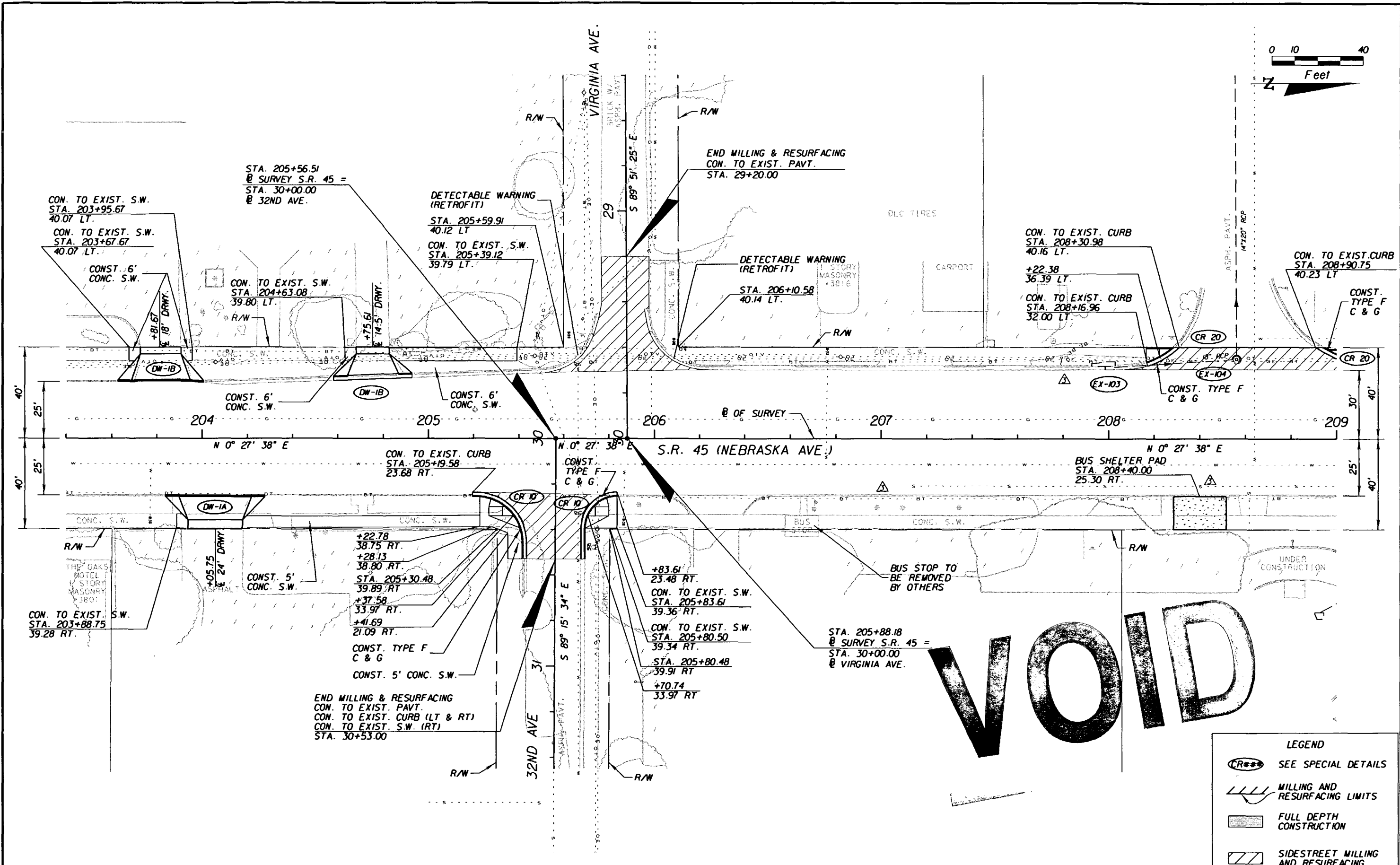
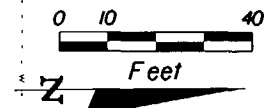
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**203+40.00 TO 209+00.00**

SHEET NO.  
62

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**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

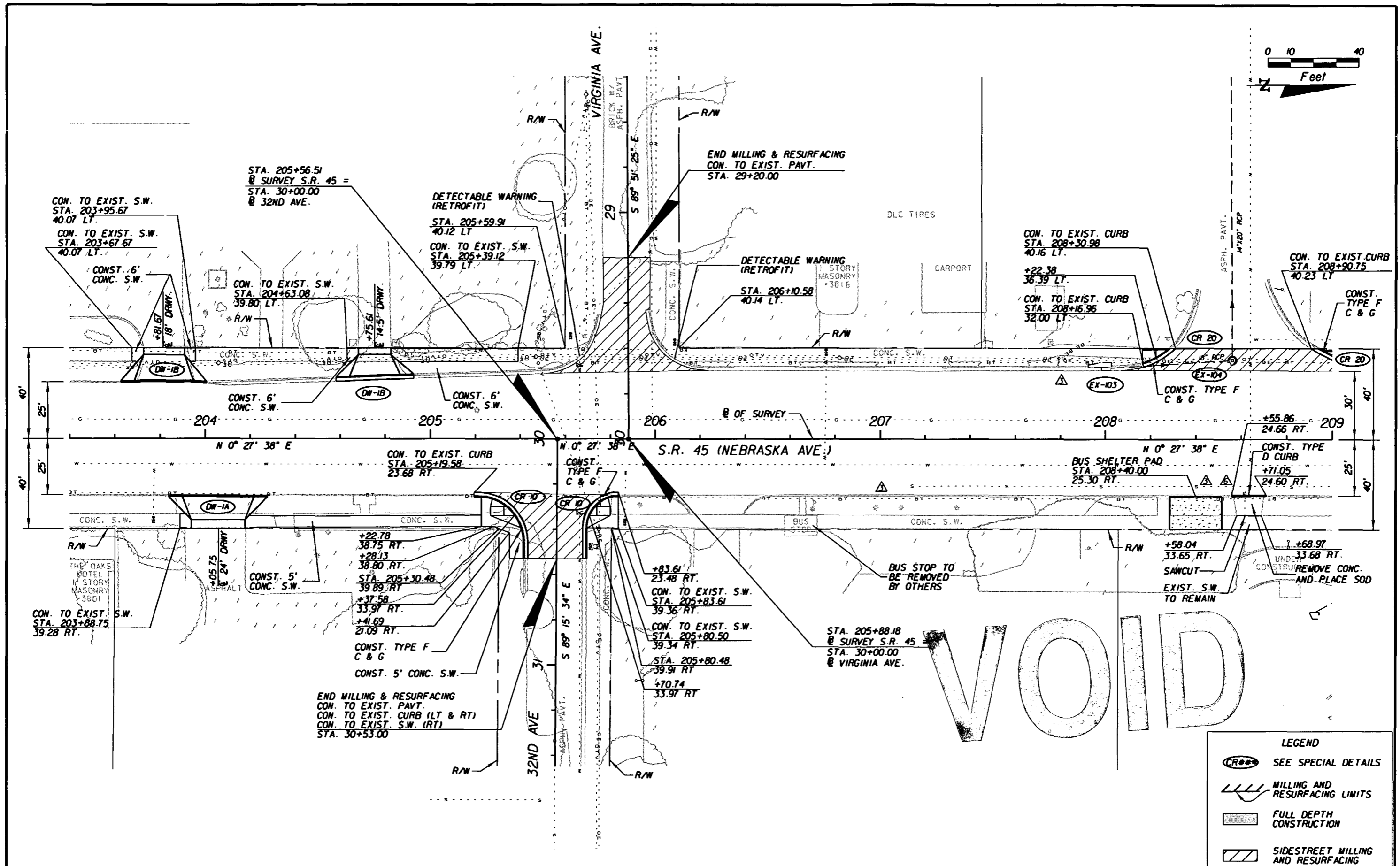
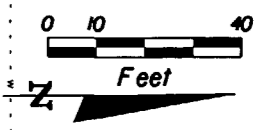
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	REMOVED BUS LANDING PADS. ADDED BUS SHELTER PAD.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

<b>PLAN SHEET</b> <b>203+40.00 TO 209+00.00</b>	SHEET NO.  62
--	---------------------

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**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	REMOVED BUS LANDING PADS. ADDED BUS SHELTER PAD.			
04/10/08	MJM	ADDED CONCRETE REMOVAL, SODDING, AND CURB AREA.			

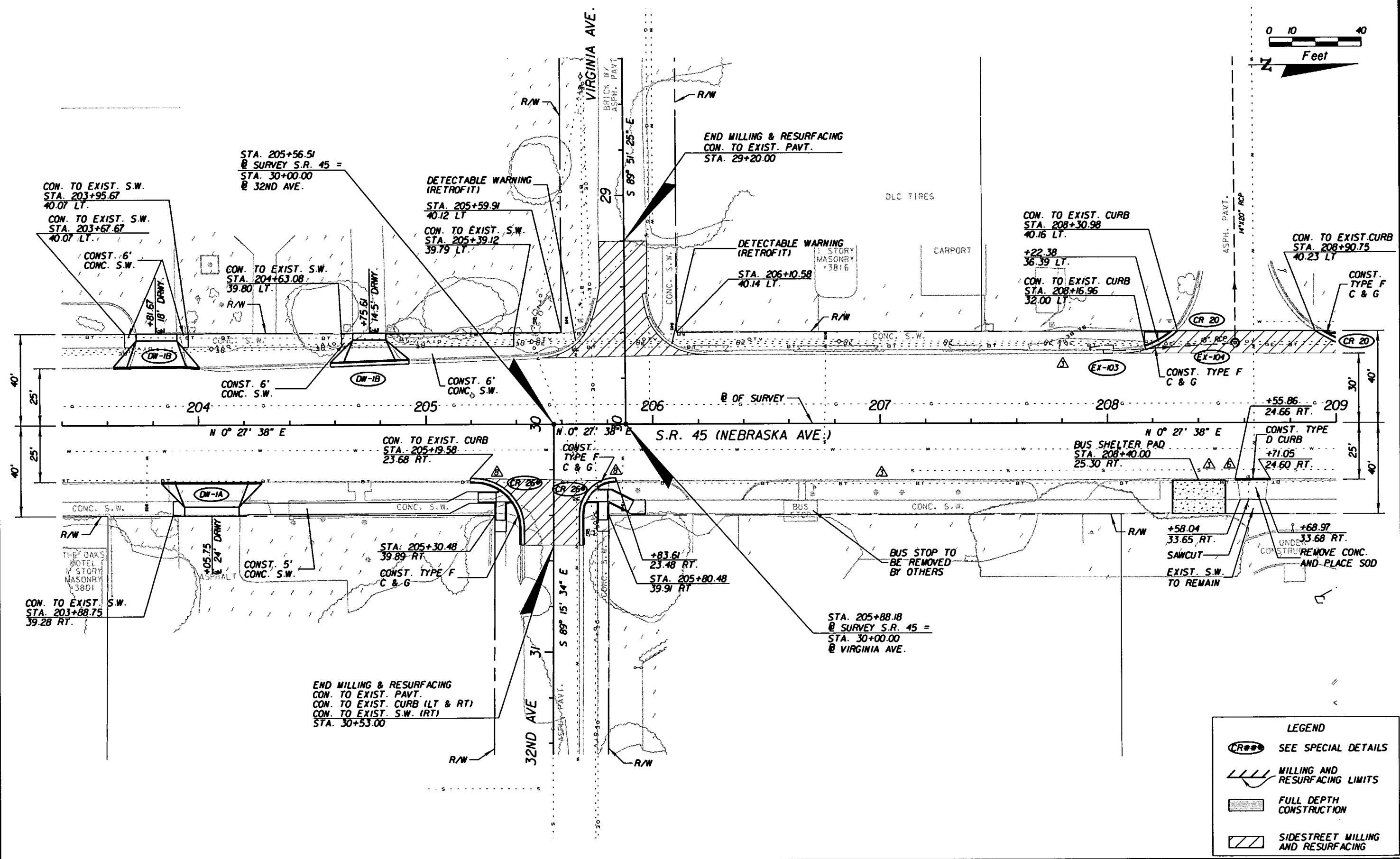
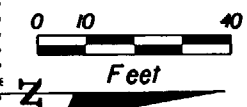
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**203+00.00 TO 209+00.00**

SHEET NO.  
62

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	REMOVED BUS LANDING PADS. ADDED BUS SHELTER PAD.	06/25/08	MJM	MODIFIED 32ND AVE. CURB RAMPS.
04/10/08	MJM	ADDED CONCRETE REMOVAL, SODDING, AND CURB AREA.			

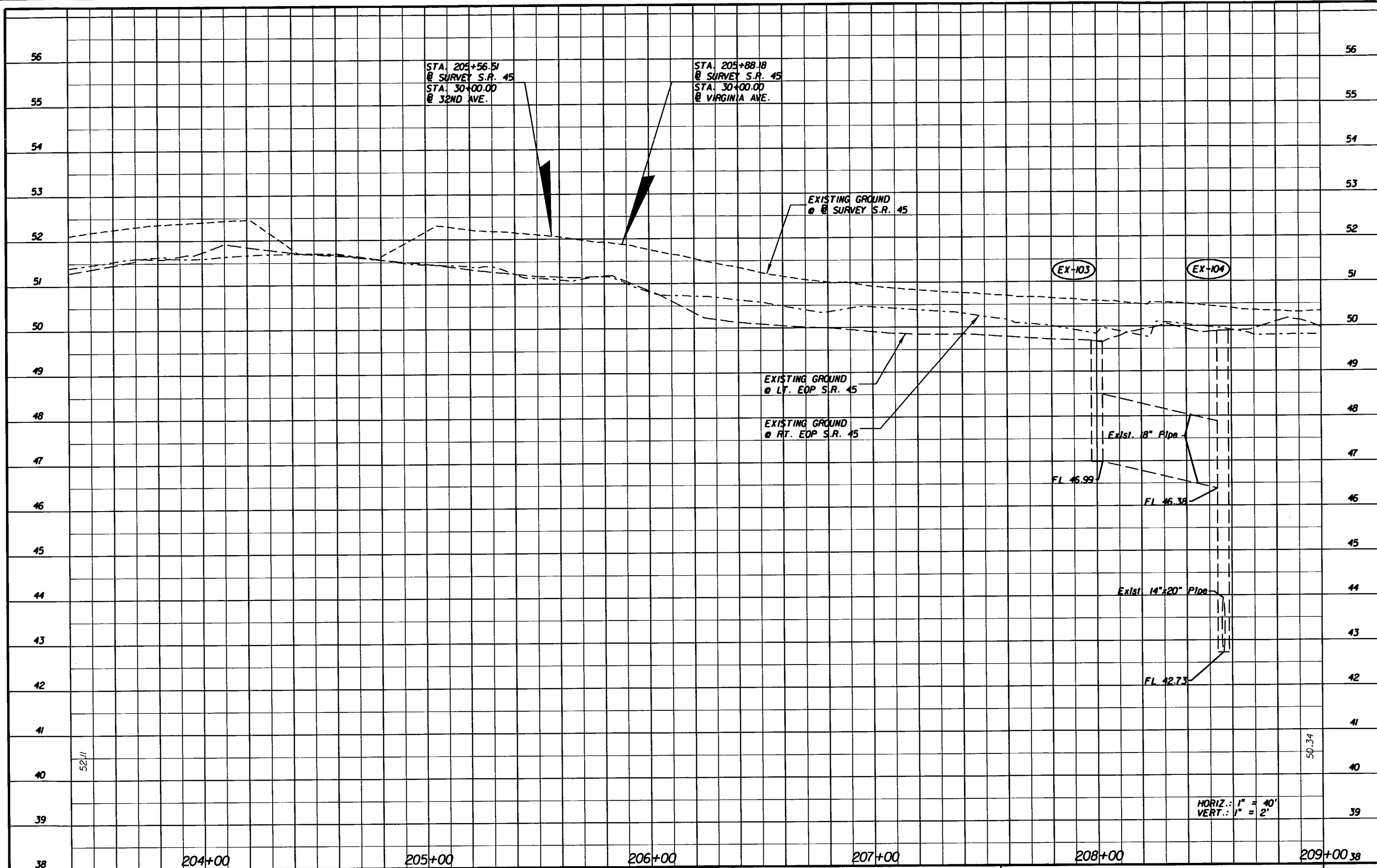
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**203+40.00 TO 209+00.00**

SHEET  
NO.  
62

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STA. 205+56.51  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ 32ND AVE.

STA. 205+88.18  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ VIRGINIA AVE.

EXISTING GROUND  
@ SURVEY S.R. 45

EXISTING GROUND  
@ LT. EOP S.R. 45

EXISTING GROUND  
@ RT. EOP S.R. 45

EX+103

EX+104

Exst. 18" Pipe

FL 46.99

FL 46.38

Exst. 14"x20" Pipe

FL 42.73

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

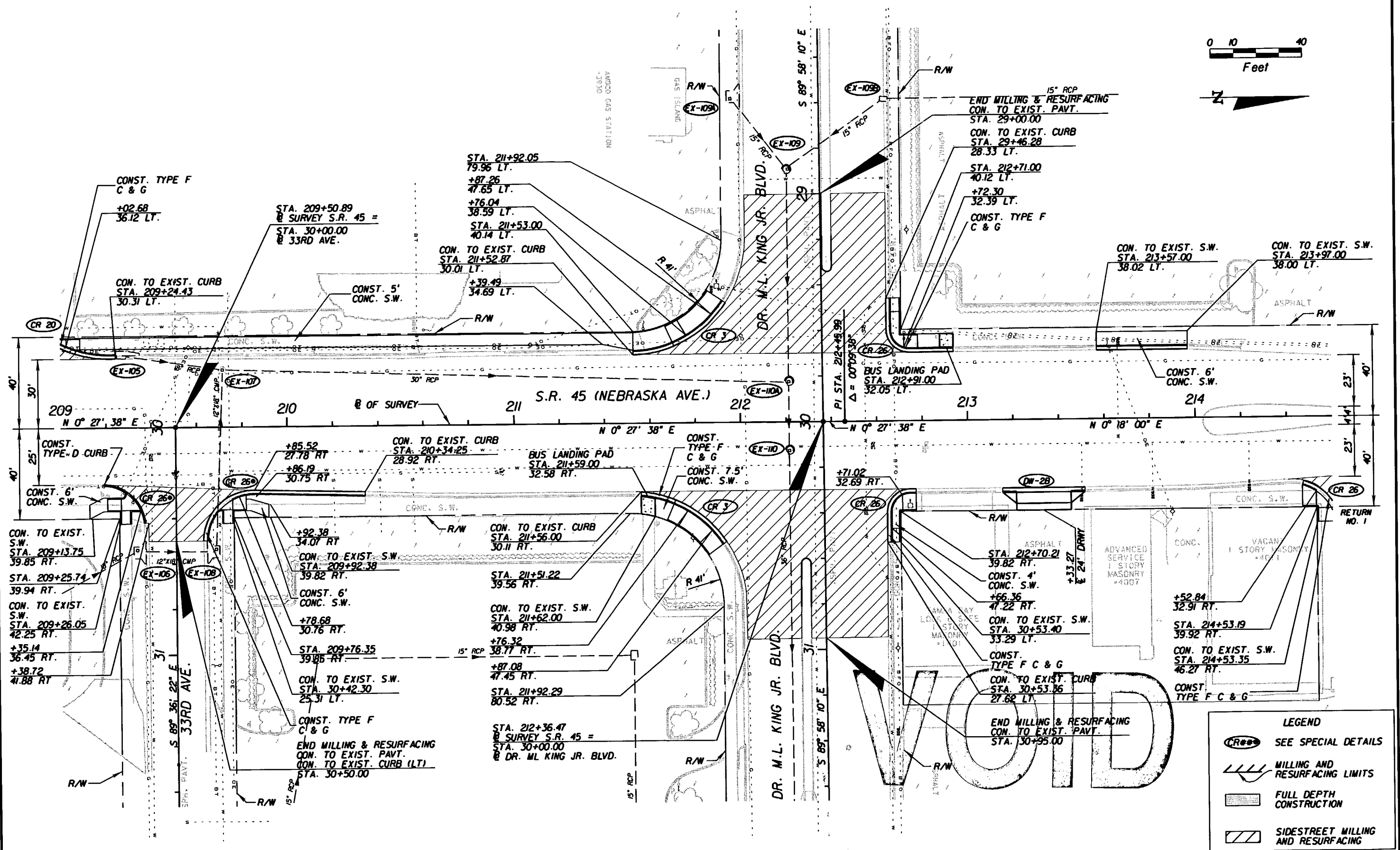
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**203+40.00 TO 209+00.00**

SHEET NO.  
63





LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

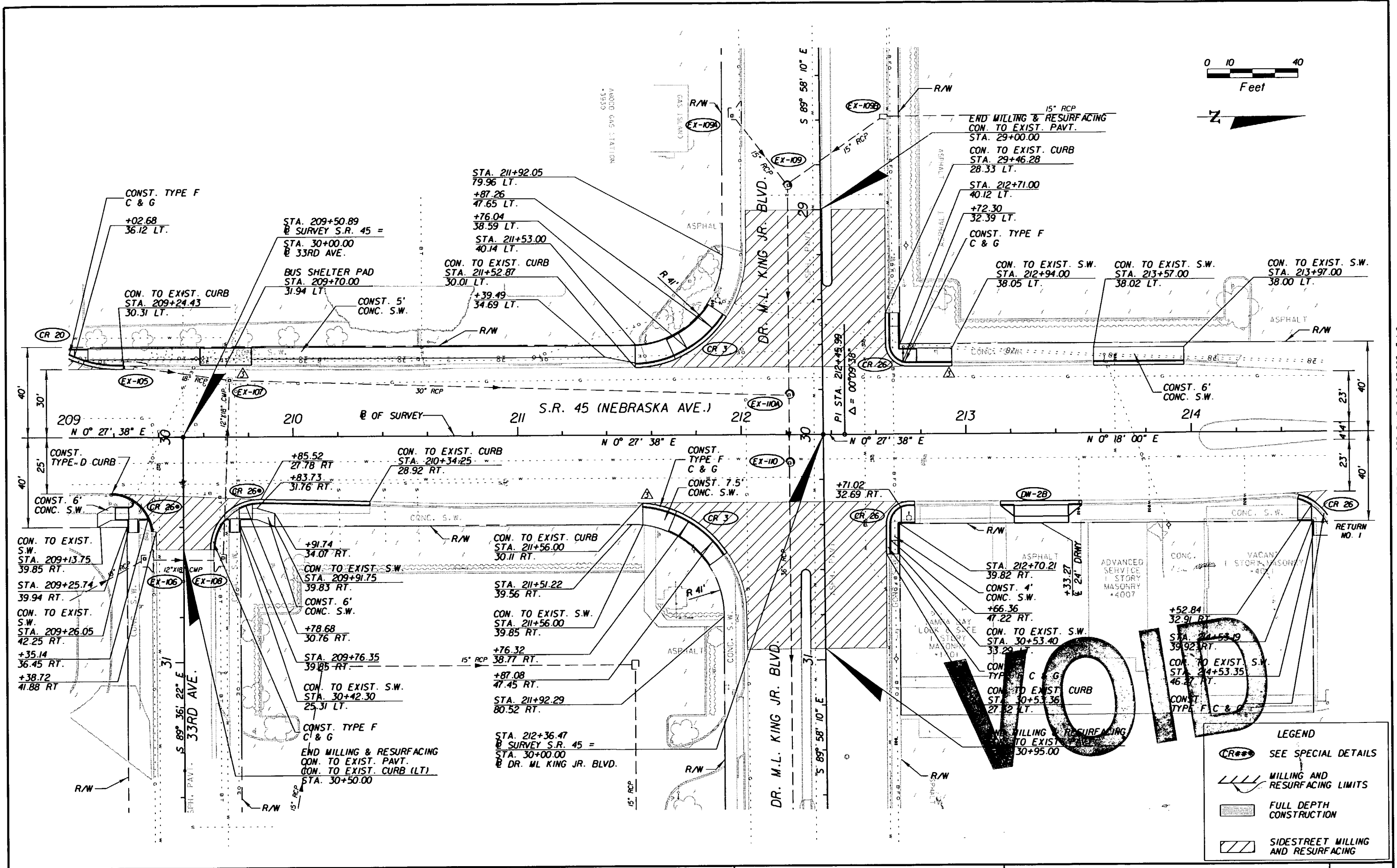
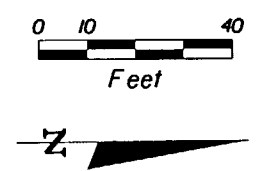
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**209+00.00 TO 214+60.00**

SHEET NO.  
 64

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VOID

**LEGEND**

- CR-26 SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

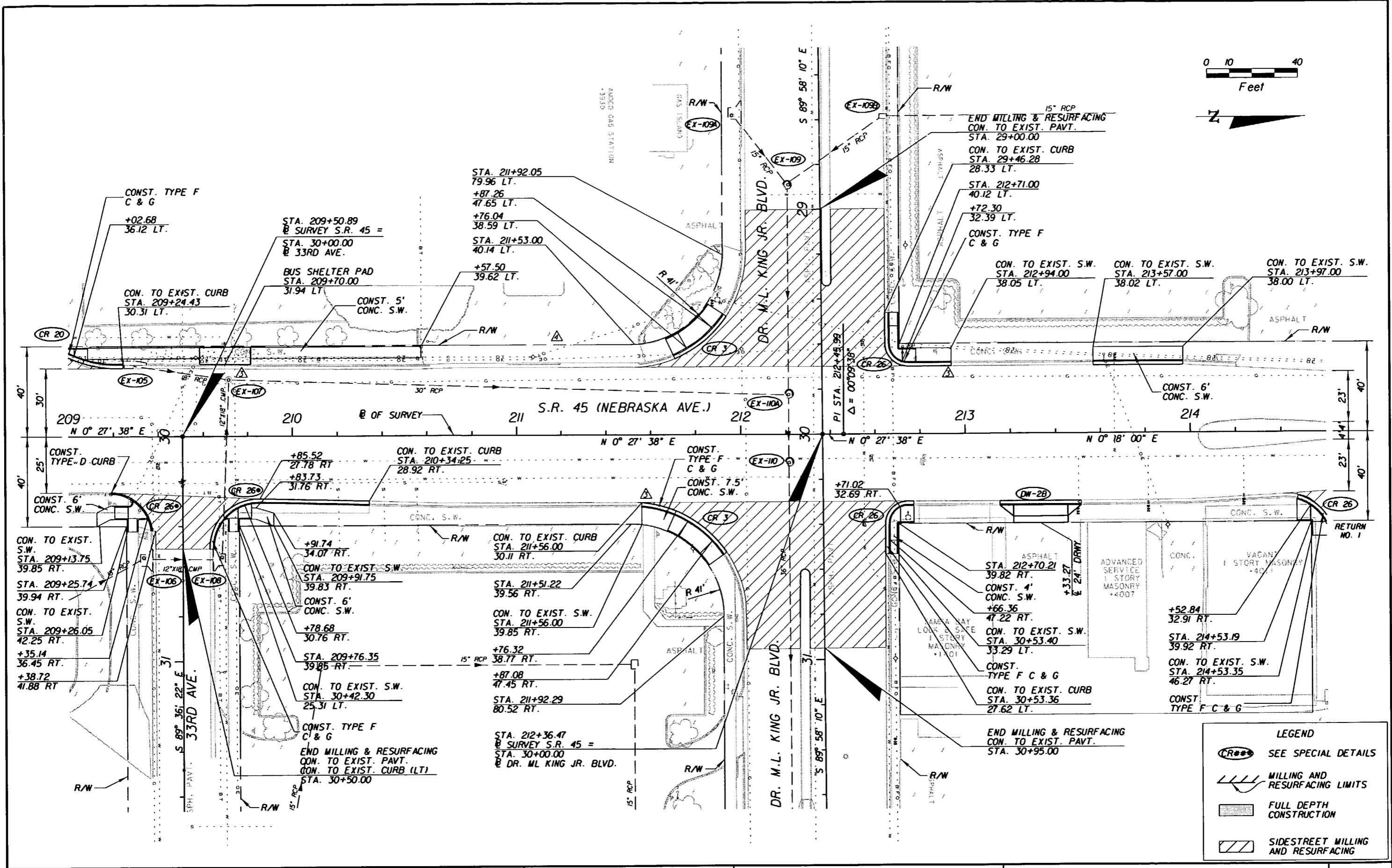
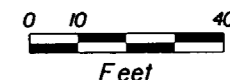
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ADDED BUS SHELTER PAD. REMOVED BUS LANDING PADS.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

<b>STATE OF FLORIDA</b>		
<b>DEPARTMENT OF TRANSPORTATION</b>		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

PLAN SHEET	209+00.00 TO 214+60.00
SHEET NO.	64

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.



LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ADDED BUS SHELTER PAD. REMOVED BUS LANDING PADS.			
09/26/07	MJM	REMOVED SIDEWALK AND CURB.			

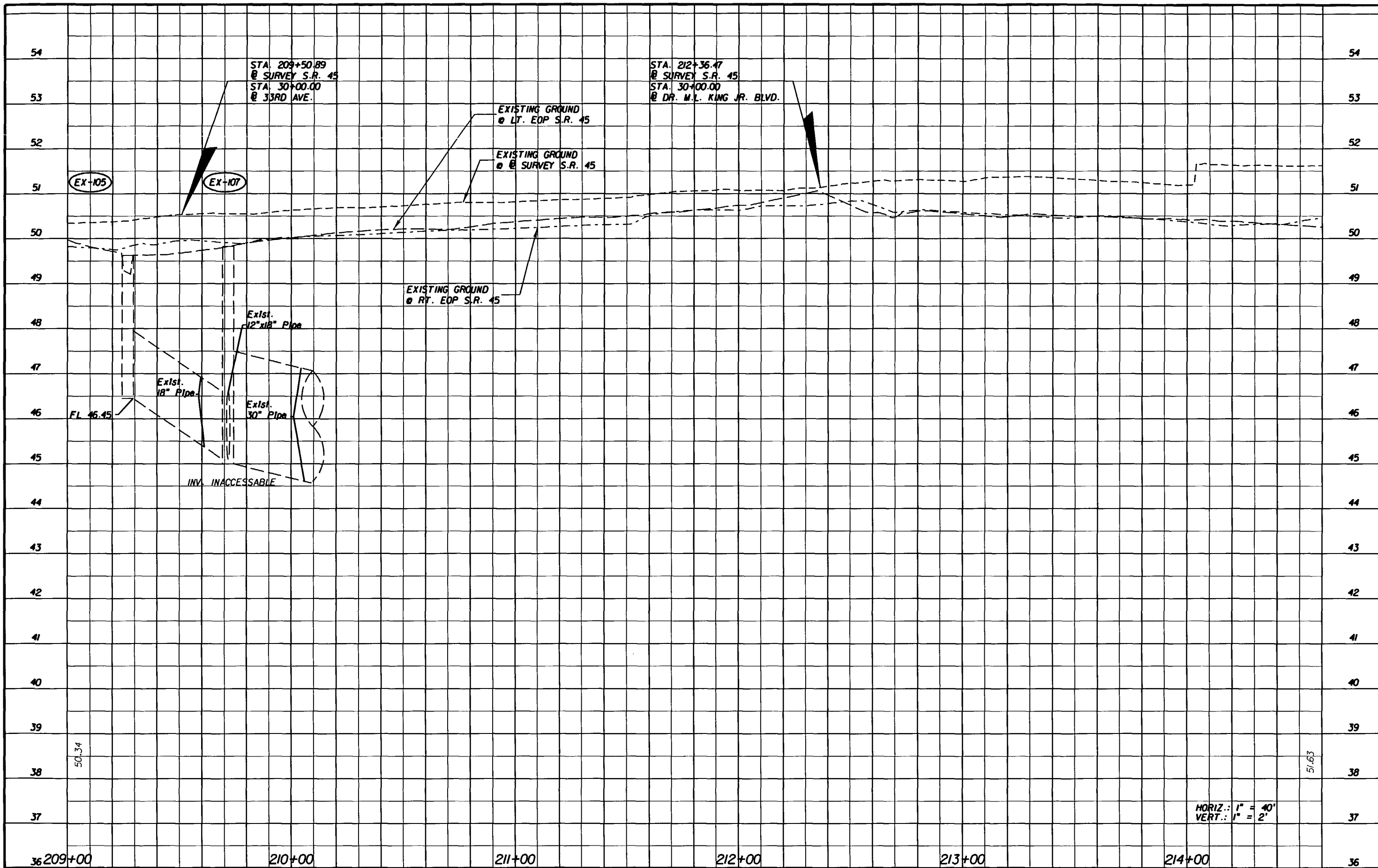
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**209+00.00 TO 214+60.00**

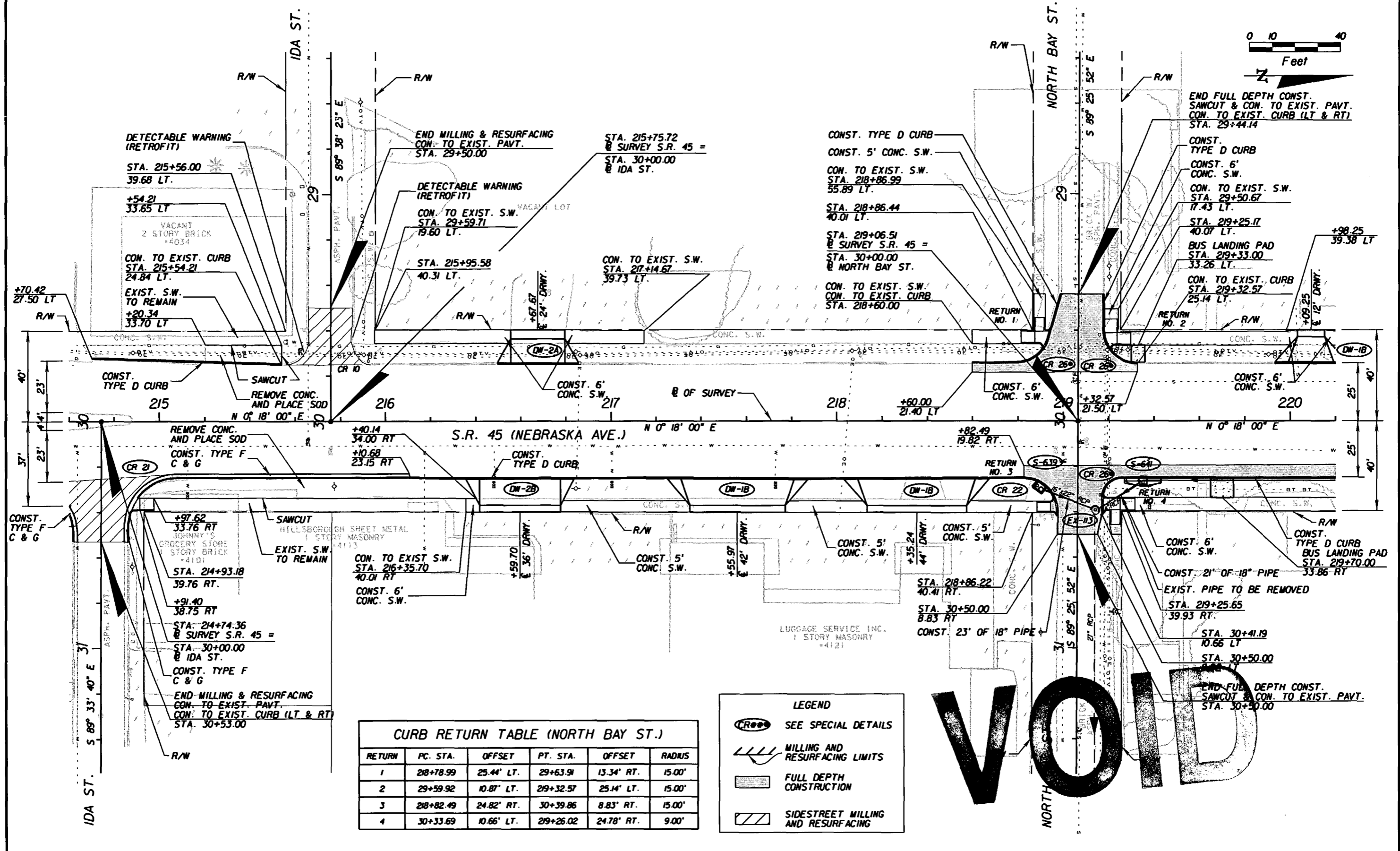
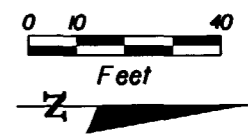
SHEET NO.  
 64

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REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>209+00.00 TO 214+60.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		65
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



**CURB RETURN TABLE (NORTH BAY ST.)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	218+78.99	25.44' LT.	29+63.91	13.34' RT.	15.00'
2	29+59.92	10.87' LT.	219+32.57	25.14' LT.	15.00'
3	218+82.49	24.82' RT.	30+39.86	8.83' RT.	15.00'
4	30+33.69	10.66' LT.	219+26.02	24.78' RT.	9.00'

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

VOID

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

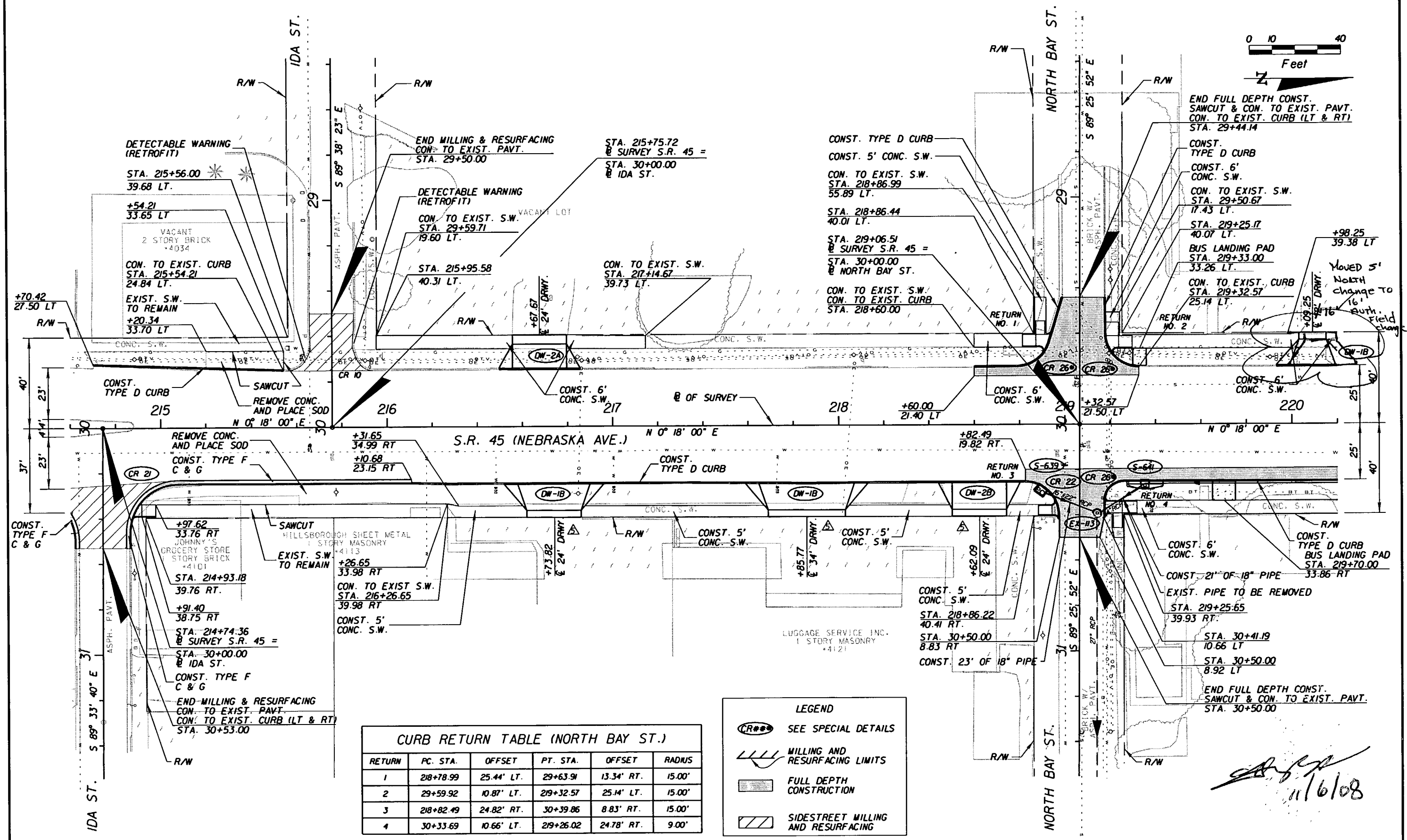
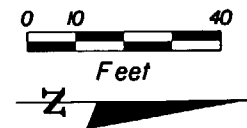
**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET  
214+60.00 TO 220+20.00**

SHEET NO.  
66

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**CURB RETURN TABLE (NORTH BAY ST.)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	218+78.99	25.44' LT.	29+63.91	13.34' RT.	15.00'
2	29+59.92	10.87' LT.	219+32.57	25.14' LT.	15.00'
3	218+82.49	24.82' RT.	30+39.86	8.83' RT.	15.00'
4	30+33.69	10.66' LT.	219+26.02	24.78' RT.	9.00'

**LEGEND**

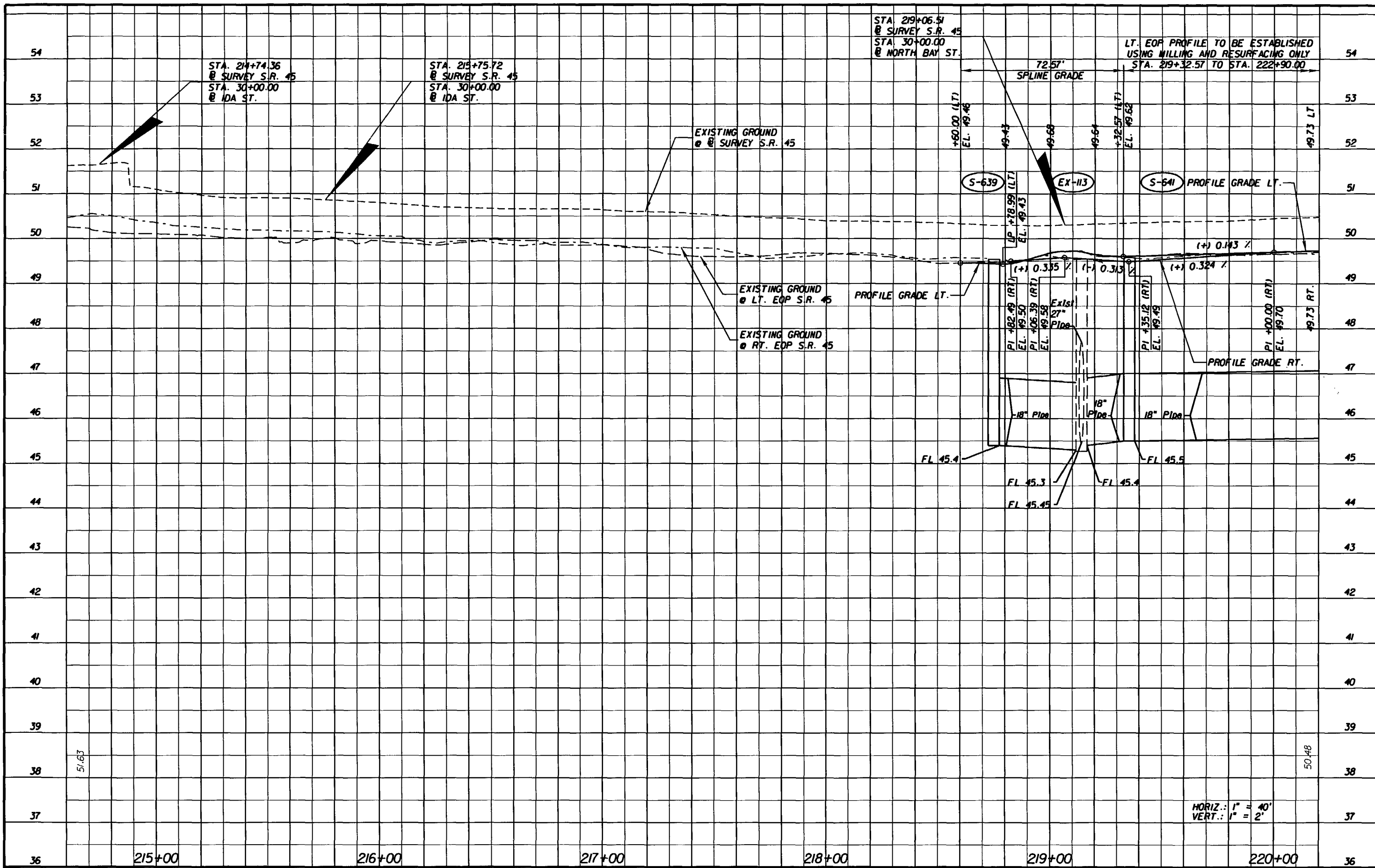
- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

*[Signature]*  
11/6/08

REVISIONS				G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  66
DATE	BY	DESCRIPTION	DATE		BY	DESCRIPTION	ROAD NO.	
02/27/08	MJM	MODIFIED DRIVEWAYS AND SIDEWALK.				S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**214+60.00 TO 220+20.00**

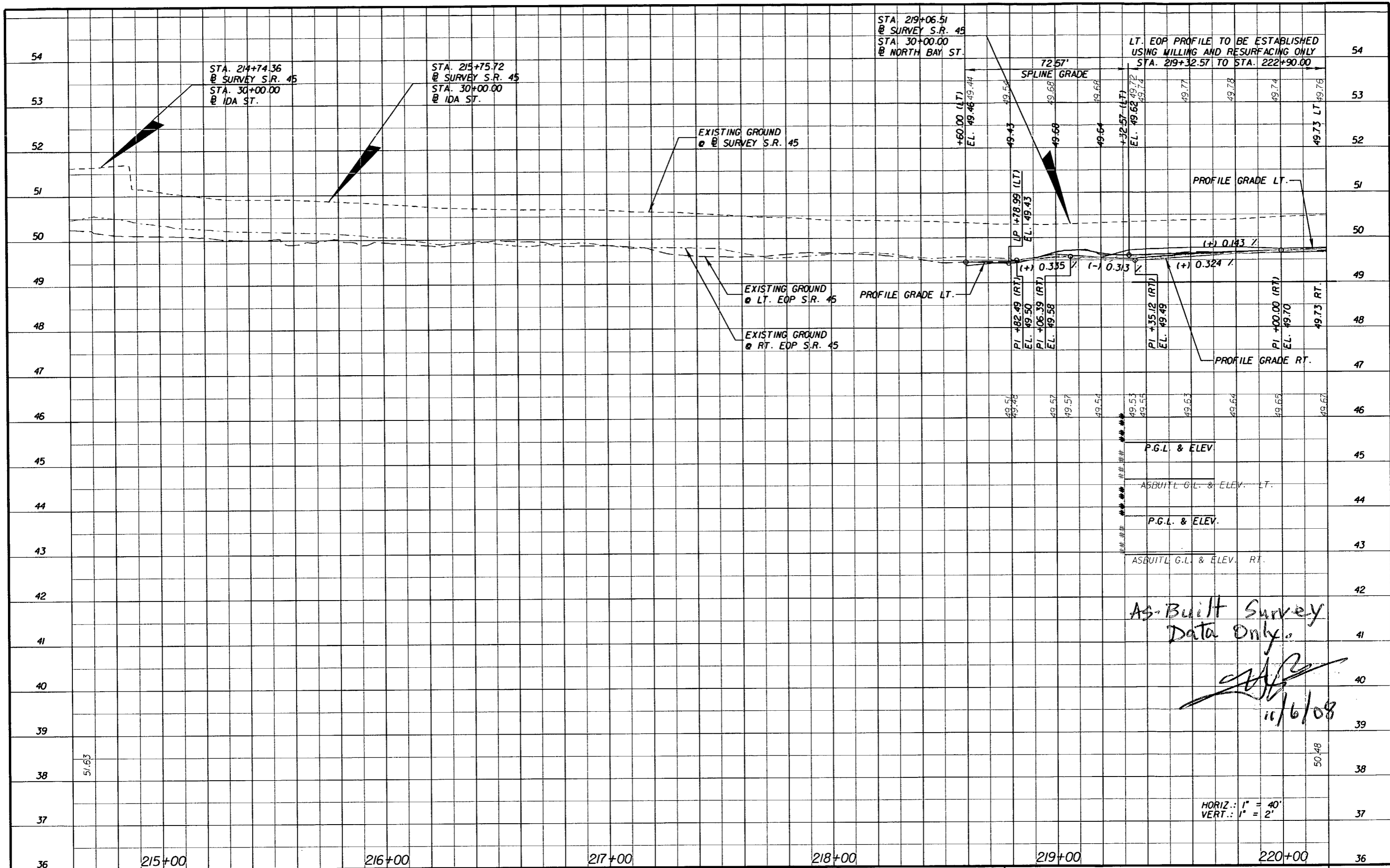
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS		G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>214+60.00 TO 220+20.00</b>	SHEET NO.	
DATE	BY		DESCRIPTION	DATE	BY		DESCRIPTION	67

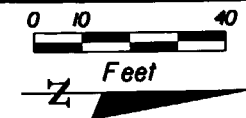




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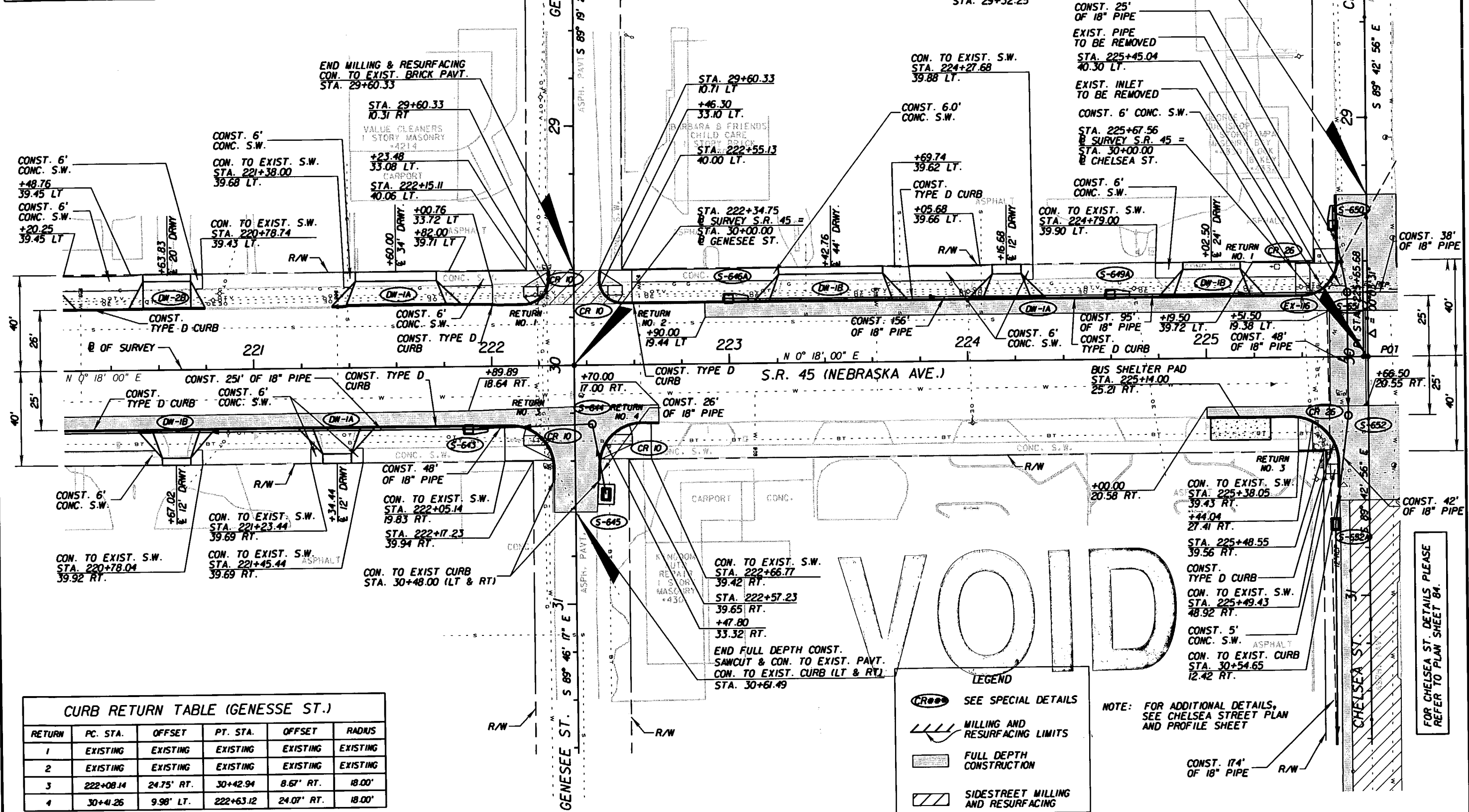
	215+00	216+00	217+00	218+00	219+00	220+00	36																									
<b>REVISIONS</b>																																
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION																											
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;">           G. BRITTON HARDY            P.E. LICENSE NUMBER 45234            FLORIDA DEPARTMENT OF TRANSPORTATION            DISTRICT 7 DESIGN            11201 N. MCKINLEY DR.            TAMPA, FL 33612         </td> <td style="width: 20%; text-align: center; vertical-align: top;"> <b>STATE OF FLORIDA</b>  <b>DEPARTMENT OF TRANSPORTATION</b> </td> <td style="width: 30%; text-align: center; vertical-align: top;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">ROAD NO.</td> <td style="font-size: small;">COUNTY</td> <td style="font-size: small;">FINANCIAL PROJECT ID</td> </tr> <tr> <td style="text-align: center;">S.R. 45</td> <td style="text-align: center;">HILLSBOROUGH</td> <td style="text-align: center;">255853-1-52-01</td> </tr> </table> </td> </tr> <tr> <td colspan="6" style="text-align: center;"><b>PROFILE SHEET</b></td> <td style="text-align: center;">SHEET NO.</td> <td style="text-align: center;">67A</td> </tr> <tr> <td colspan="6" style="text-align: center;"><b>214+60.00 TO 220+20.00</b></td> <td colspan="2"></td> </tr> </table>								G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	<b>STATE OF FLORIDA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">ROAD NO.</td> <td style="font-size: small;">COUNTY</td> <td style="font-size: small;">FINANCIAL PROJECT ID</td> </tr> <tr> <td style="text-align: center;">S.R. 45</td> <td style="text-align: center;">HILLSBOROUGH</td> <td style="text-align: center;">255853-1-52-01</td> </tr> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	S.R. 45	HILLSBOROUGH	255853-1-52-01	<b>PROFILE SHEET</b>						SHEET NO.	67A	<b>214+60.00 TO 220+20.00</b>							
G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	<b>STATE OF FLORIDA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">ROAD NO.</td> <td style="font-size: small;">COUNTY</td> <td style="font-size: small;">FINANCIAL PROJECT ID</td> </tr> <tr> <td style="text-align: center;">S.R. 45</td> <td style="text-align: center;">HILLSBOROUGH</td> <td style="text-align: center;">255853-1-52-01</td> </tr> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	S.R. 45	HILLSBOROUGH	255853-1-52-01																								
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																														
S.R. 45	HILLSBOROUGH	255853-1-52-01																														
<b>PROFILE SHEET</b>						SHEET NO.	67A																									
<b>214+60.00 TO 220+20.00</b>																																





**CURB RETURN TABLE (CHELSEA ST.)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	225+40.16	25.50' LT.	29+59.24	12.39' RT.	15.00'
3	225+35.09	24.55' RT.	30+44.50	12.48' RT.	20.00'



**CURB RETURN TABLE (GENESSE ST.)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
2	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
3	222+08.14	24.75' RT.	30+42.94	8.67' RT.	18.00'
4	30+41.26	9.98' LT.	222+63.12	24.07' RT.	18.00'

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

NOTE: FOR ADDITIONAL DETAILS, SEE CHELSEA STREET PLAN AND PROFILE SHEET

FOR CHELSEA ST. DETAILS PLEASE REFER TO PLAN SHEET 84.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

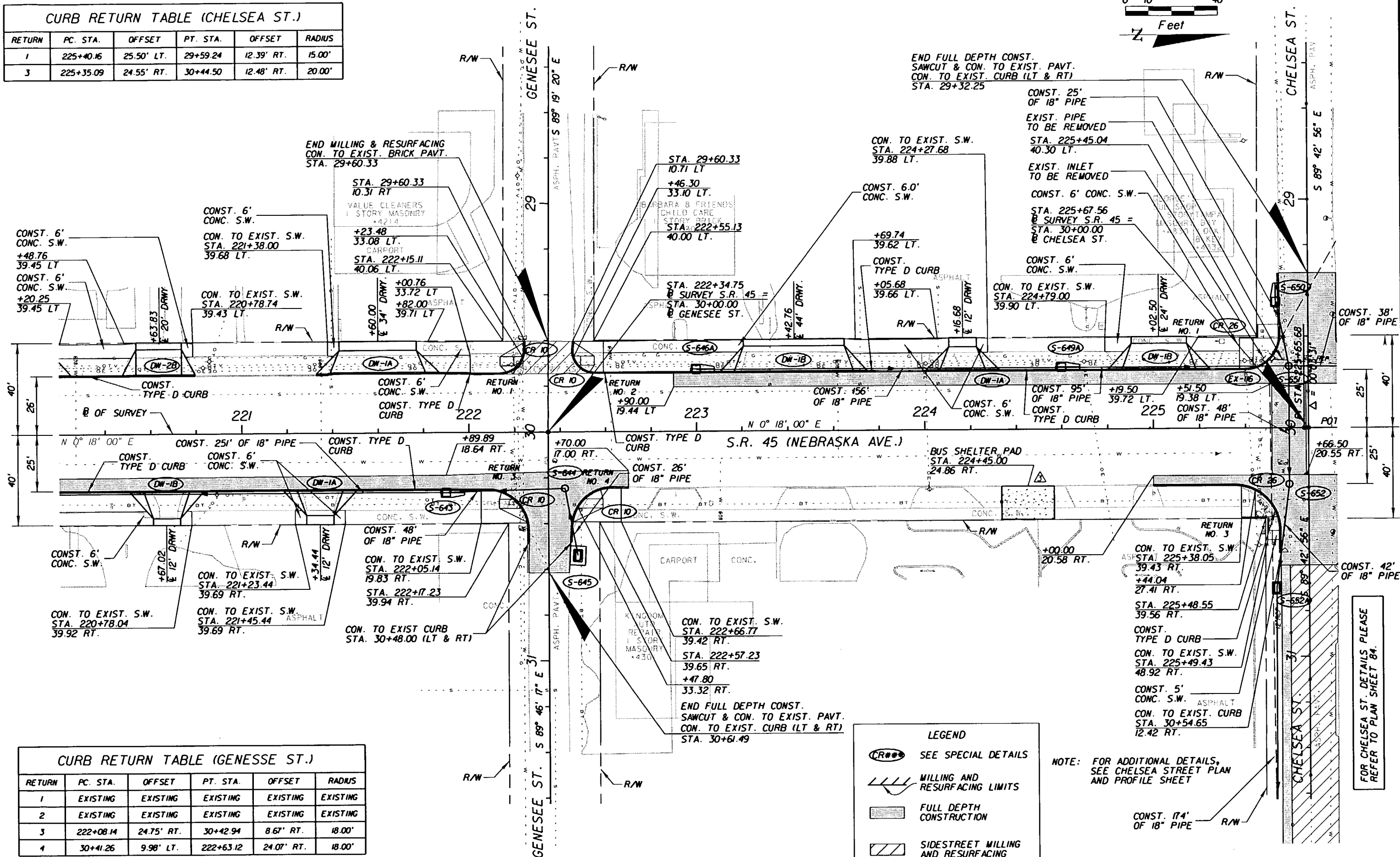
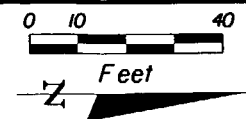
**PLAN SHEET**  
**220+20.00 TO 225+80.00**

SHEET NO.  
 68

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

CURB RETURN TABLE (CHELSEA ST.)

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	225+40.16	25.50' LT.	29+59.24	12.39' RT.	15.00'
3	225+35.09	24.55' RT.	30+44.50	12.48' RT.	20.00'



CURB RETURN TABLE (GENESSEE ST.)

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
2	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
3	222+08.14	24.75' RT.	30+42.94	8.67' RT.	18.00'
4	30+41.26	9.98' LT.	222+63.12	24.07' RT.	18.00'

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

NOTE: FOR ADDITIONAL DETAILS, SEE CHELSEA STREET PLAN AND PROFILE SHEET

FOR CHELSEA ST. DETAILS PLEASE REFER TO PLAN SHEET 84.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

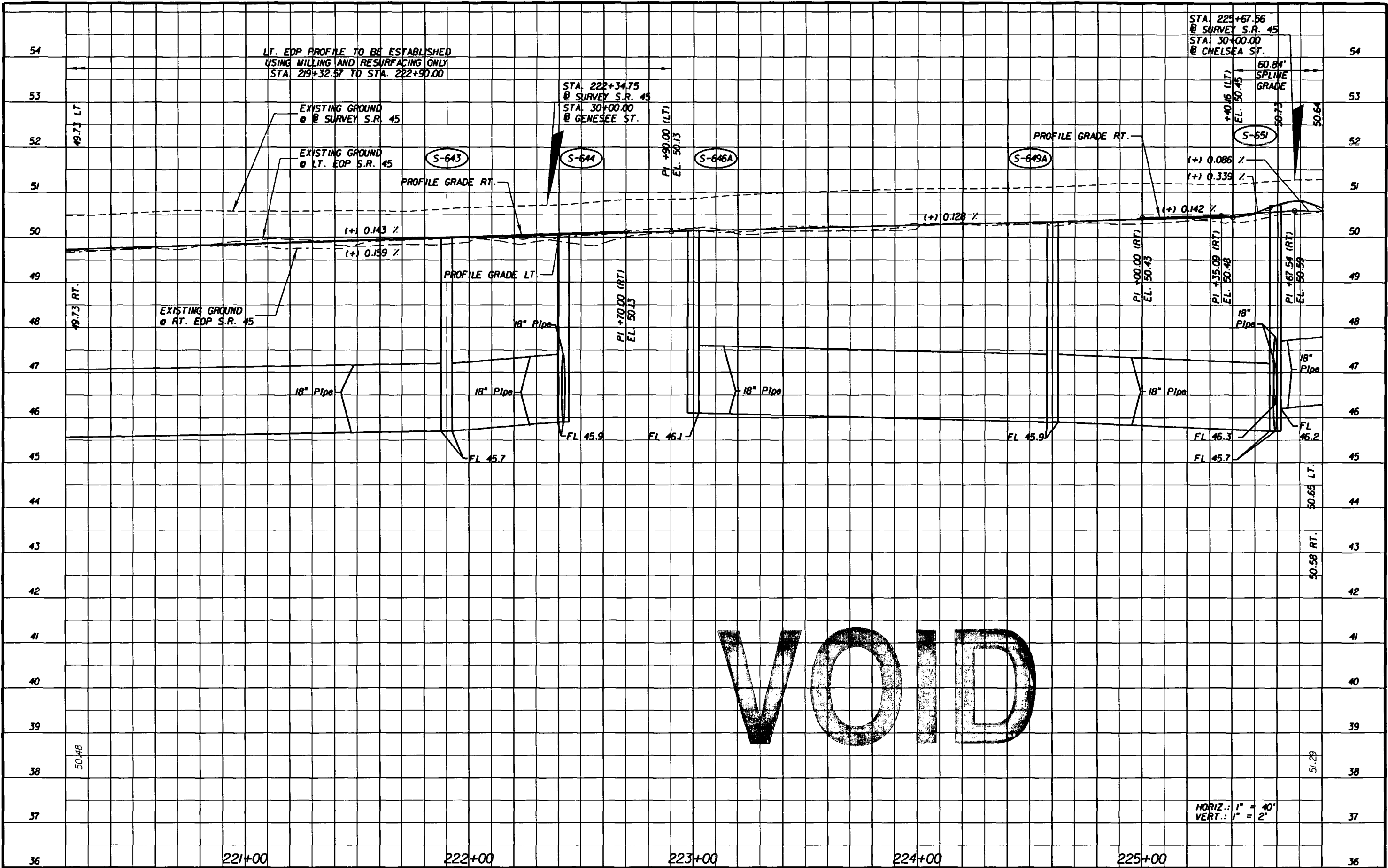
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	MOVED BUS SHLETER PAD.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**220+20.00 TO 225+80.00**

SHEET NO.  
68

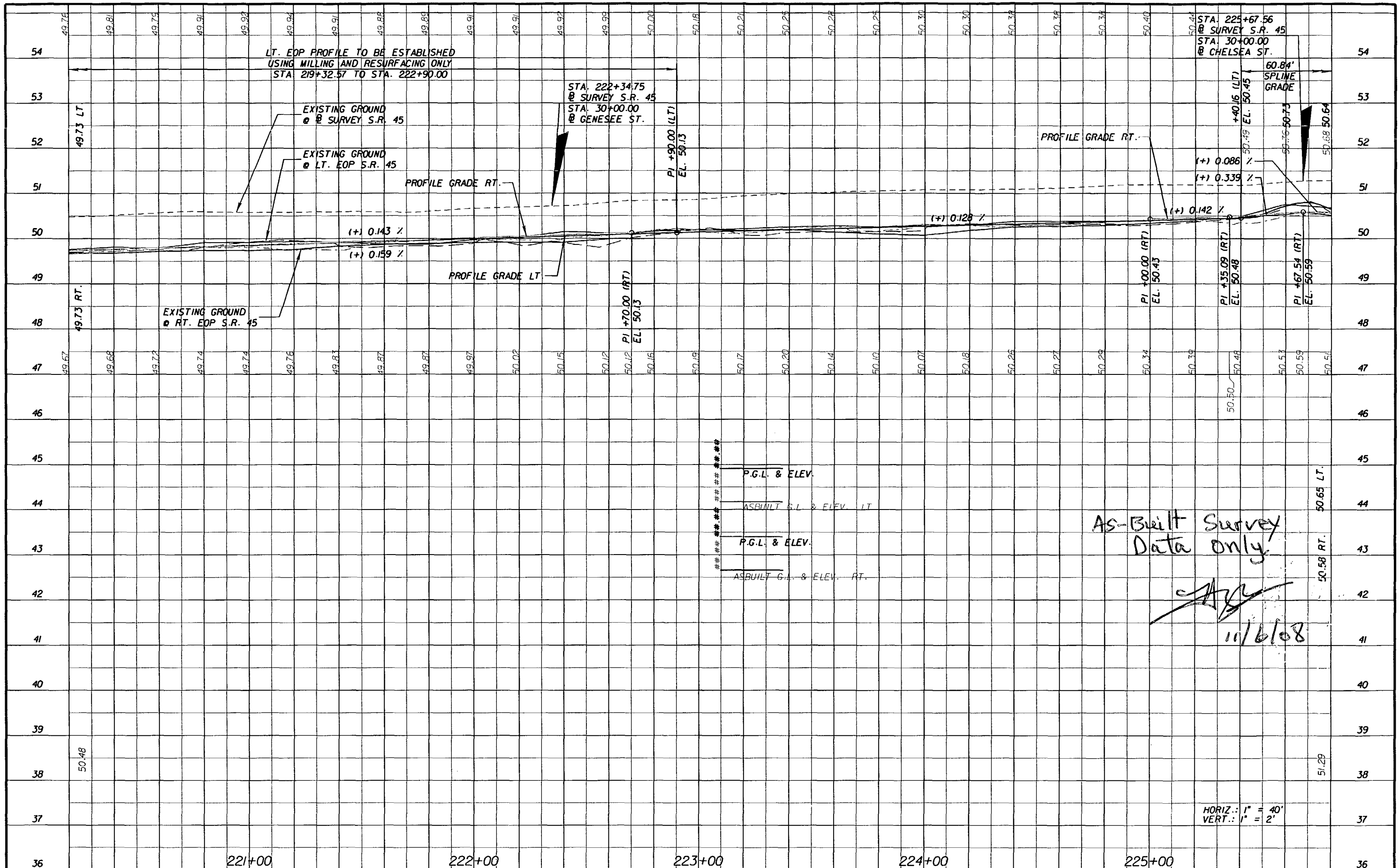


**VOID**

HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>220+20.00 TO 225+80.00</b>	SHEET NO. 69
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



###  
 P.G.L. & ELEV.  
 ASBUILT G.L. & ELEV. LT.  
 P.G.L. & ELEV.  
 ASBUILT G.L. & ELEV. RT.  
 ###

AS-Built Survey  
 Data only  
 [Signature]  
 11/6/08

HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

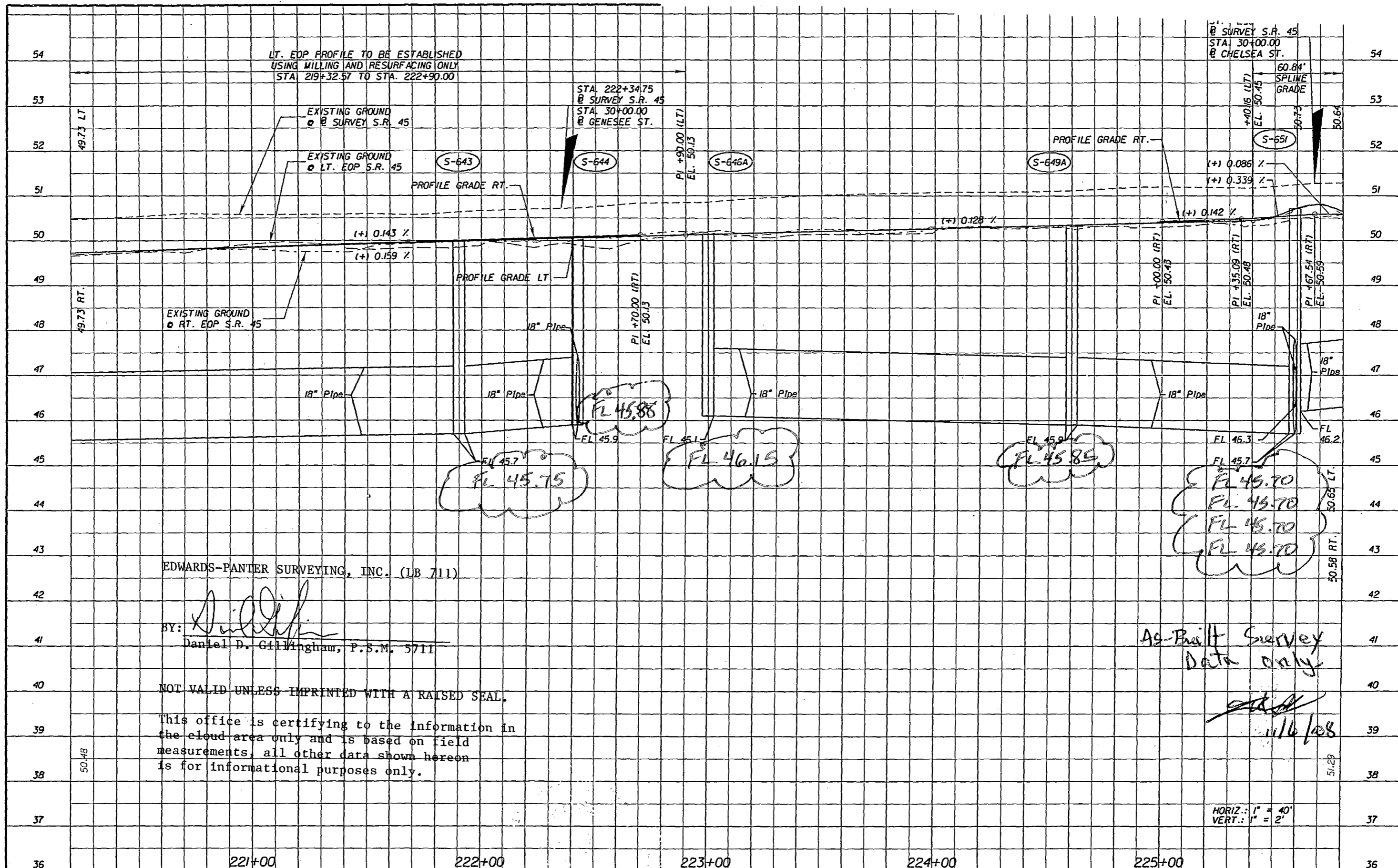
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**220+20.00 TO 225+80.00**

SHEET NO.  
 69

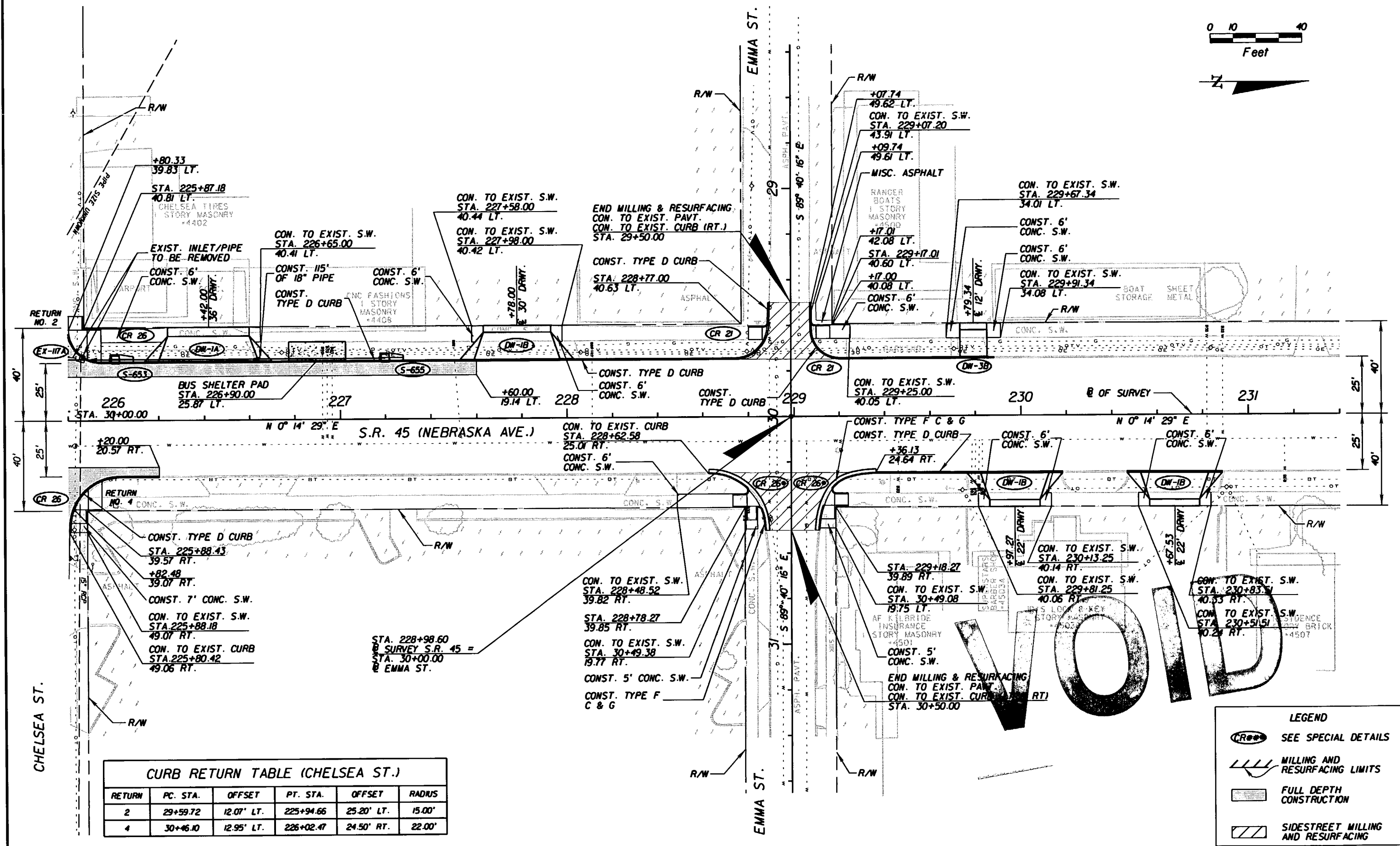
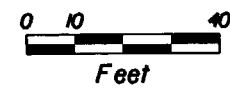
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



DATE		BY	DESCRIPTION	DATE		BY	DESCRIPTION
REVISIONS							
G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612							
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				ROAD NO. COUNTY FINANCIAL PROJECT ID S.R. 45 HILLSBOROUGH 255853-1-52-01			
PROFILE SHEET 220+20.00 TO 225+80.00							SHEET NO. 69a

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G5-23.003, F.A.C.





**CURB RETURN TABLE (CHELSEA ST.)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
2	29+59.72	12.07' LT.	225+94.66	25.20' LT.	15.00'
4	30+46.10	12.95' LT.	226+02.47	24.50' RT.	22.00'

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

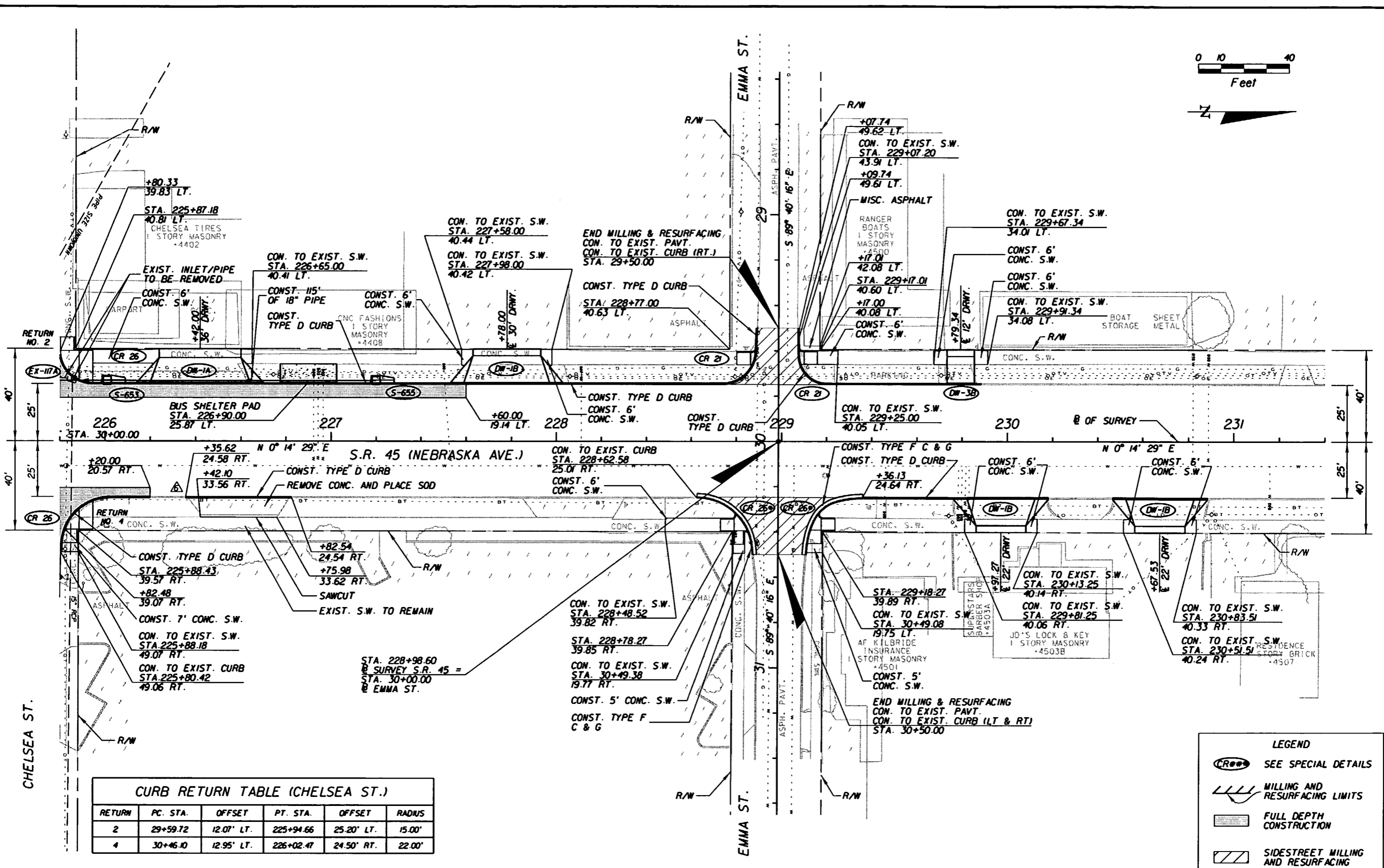
**STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**225+80.00 TO 231+40.00**

SHEET NO.  
 70

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6815-23.003, F.A.C.



**CURB RETURN TABLE (CHELSEA ST.)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
2	29+59.72	12.07' LT.	225+94.66	25.20' LT.	15.00'
4	30+46.10	12.95' LT.	226+02.47	24.50' RT.	22.00'

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/10/08	MJM	ADDED CONCRETE REMOVAL, SODDING, AND CURB AREAS.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

**STATE OF FLORIDA**  
**DEPARTMENT OF TRANSPORTATION**

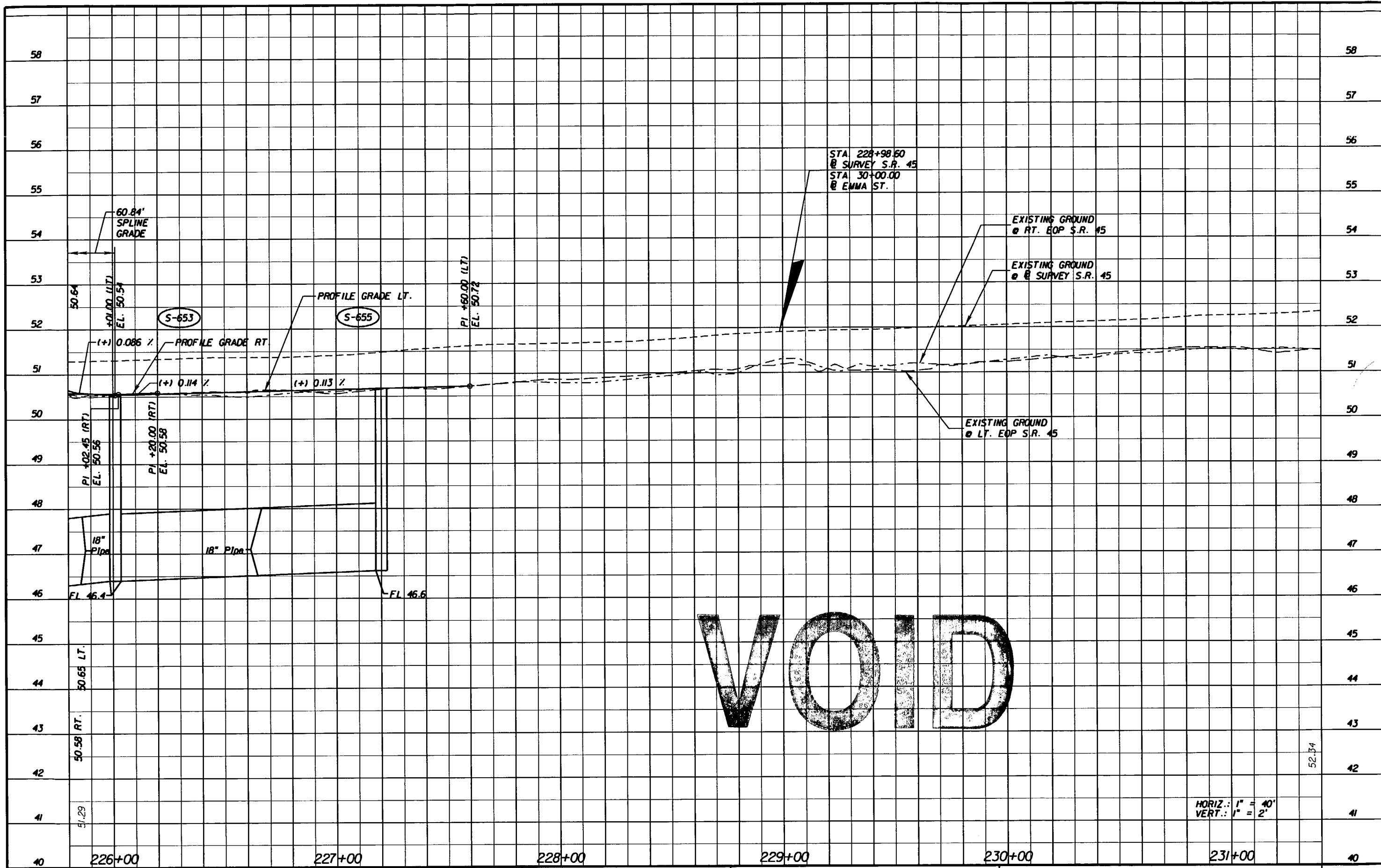
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**225+80.00 TO 231+40.00**

SHEET NO. 70

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G15-23.003, F.A.C.



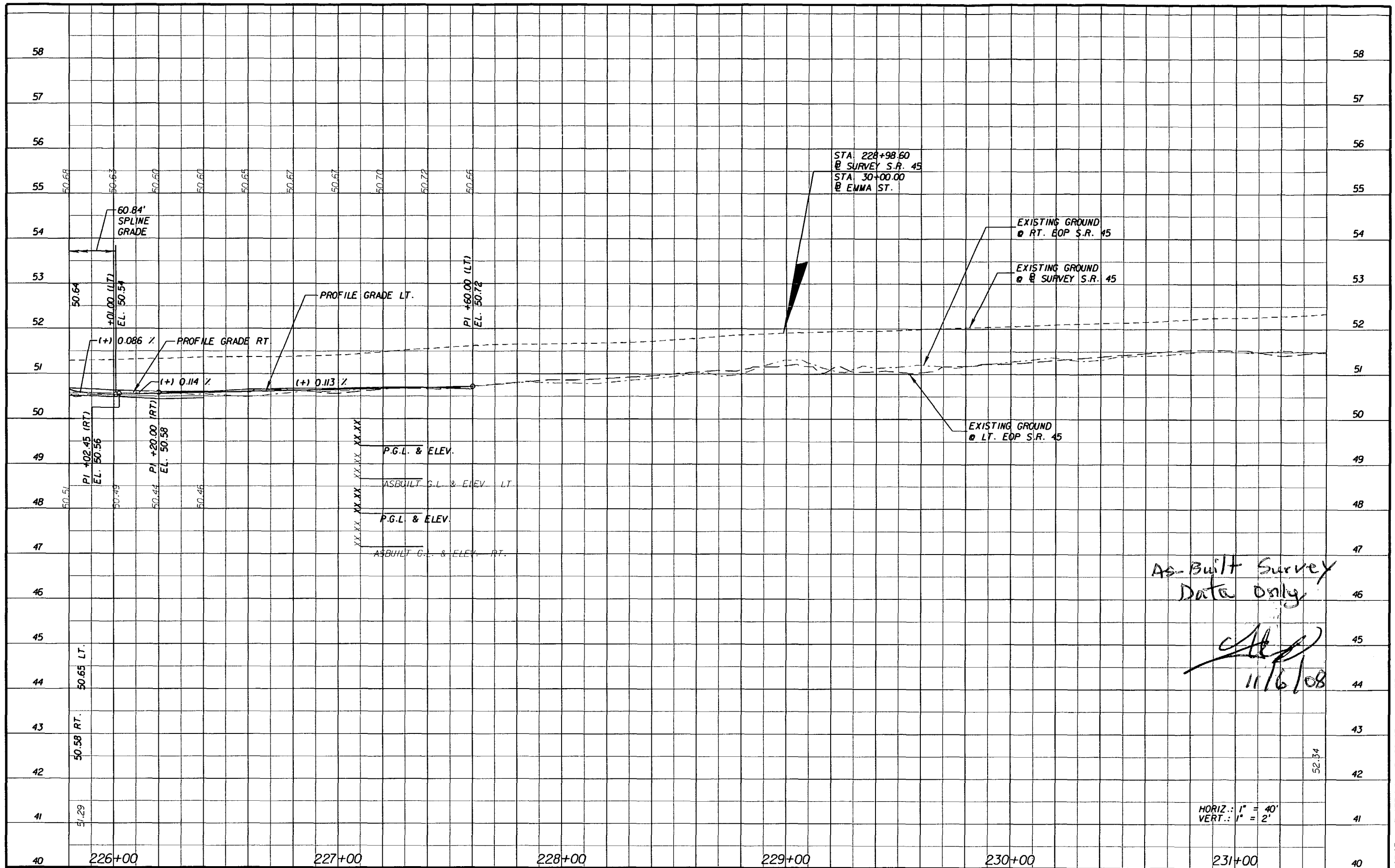


VOID

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>225+80.00 TO 231+40.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		71
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



As-Built Survey  
 Data Only  
  
 11/6/08

HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

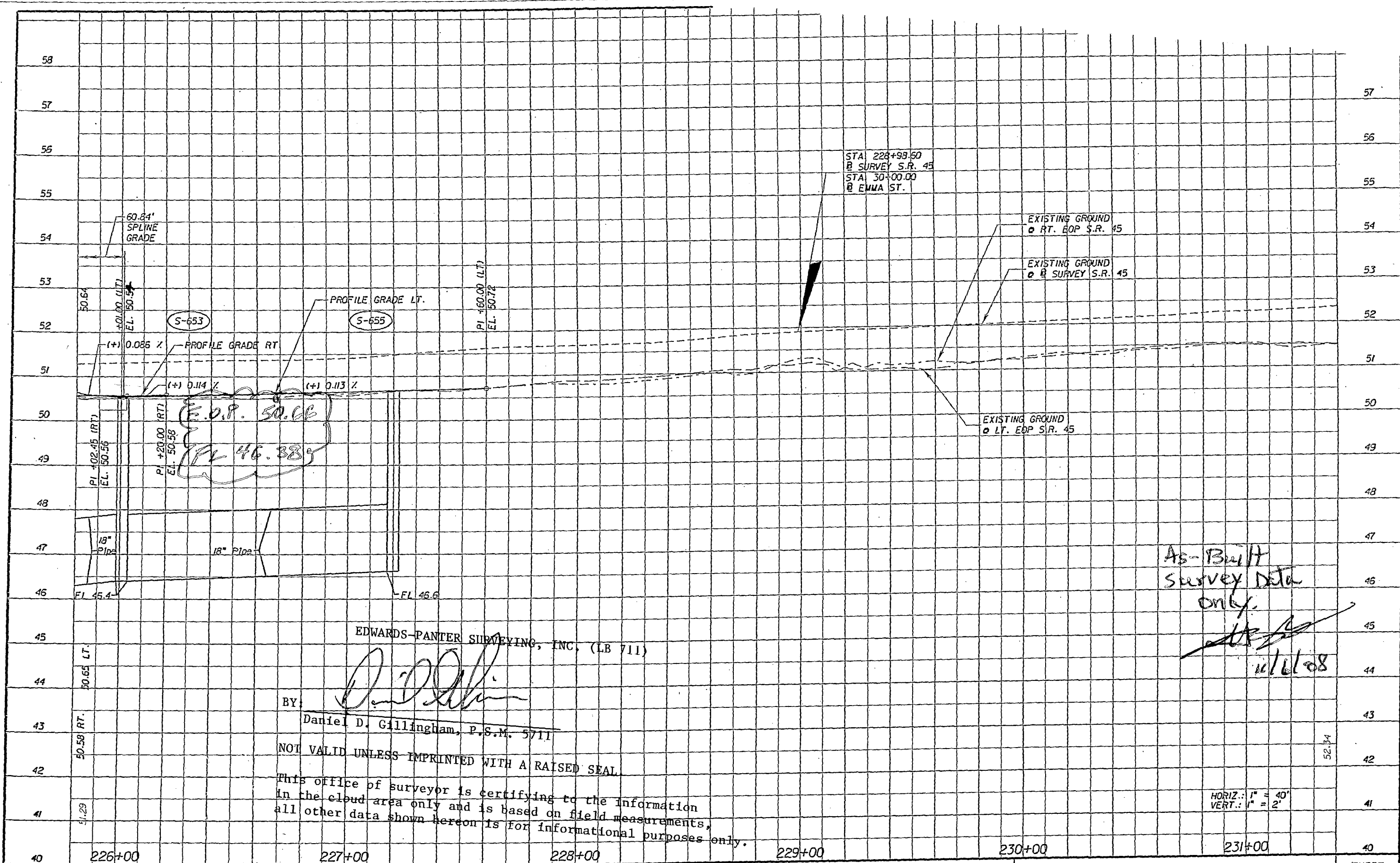
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**225+80.00 TO 231+40.00**

SHEET NO.  
 71

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.



STA 228+98.50  
 @ SURVEY S.R. 45  
 STA 30+00.00  
 @ ENMA ST.

EXISTING GROUND  
 @ RT. EOP S.R. 45

EXISTING GROUND  
 @ SURVEY S.R. 45

EXISTING GROUND  
 @ LT. EOP S.R. 45

60.84'  
 SPLINE  
 GRADE

50.64  
 +20.00 (LT)  
 EL. 50.64

S-653

PROFILE GRADE LT.

S-655

PI +60.00 (LT)  
 EL. 50.72

(+) 0.036 % PROFILE GRADE RT

(+) 0.114 %

(+) 0.113 %

PI +02.45 (RT)  
 EL. 50.56

PI +20.00 (RT)  
 EL. 50.58

E.O.P. 50.66

FL 46.385

18" Pipe

18" Pipe

FL 45.4

FL 46.6

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
 Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL

This office of surveyor is certifying to the information  
 in the cloud area only and is based on field measurements,  
 all other data shown hereon is for informational purposes only.

As-Built  
 Survey Data  
 Only.

*[Signature]*  
 11/6/08

HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

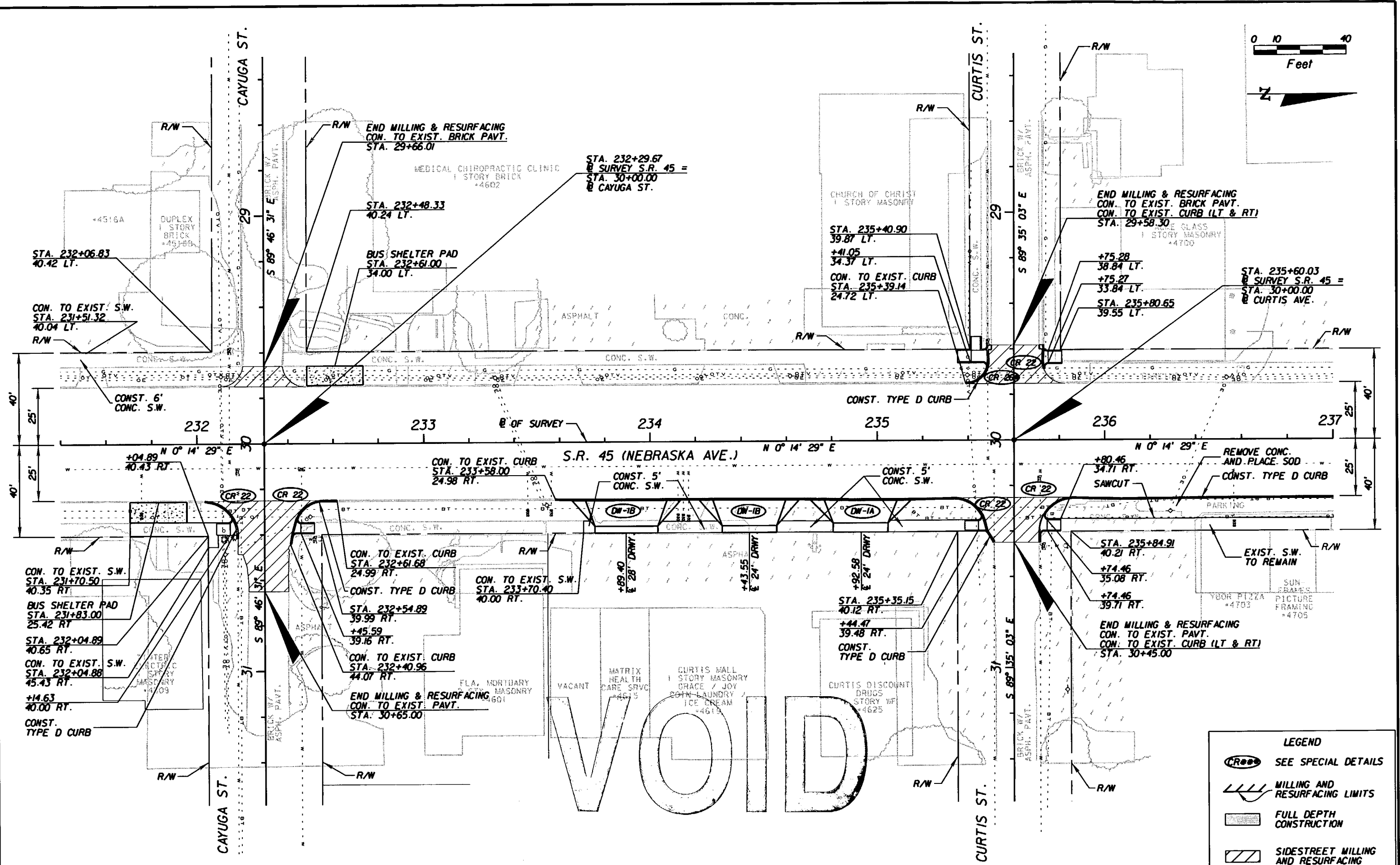
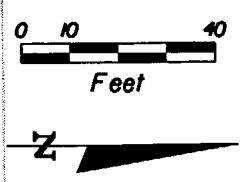
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**225+80.00 TO 231+40.00**

SHEET NO.  
 71 a

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6805-23.003, F.A.C.



LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

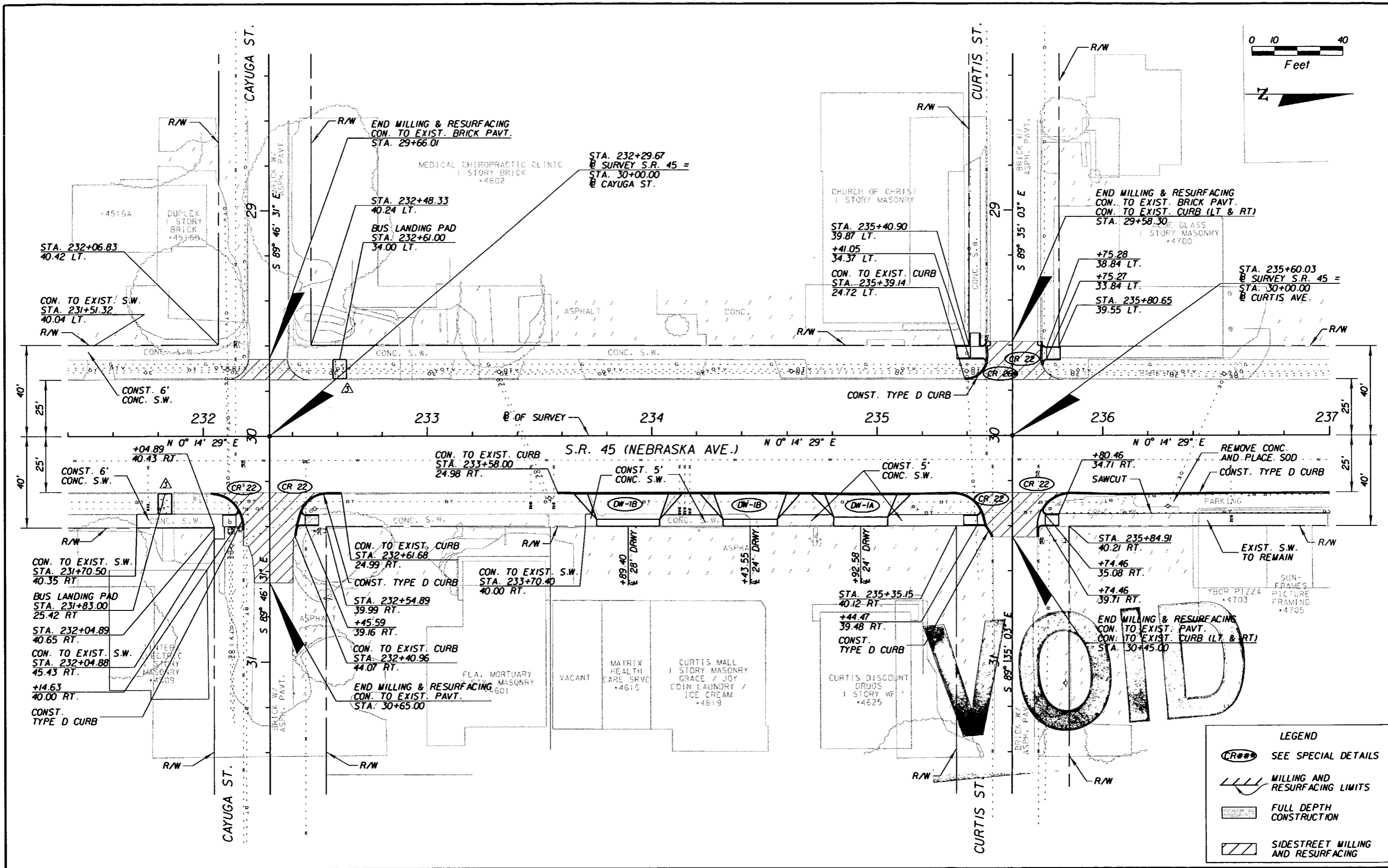
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

<b>PLAN SHEET</b>		SHEET NO.
231+40.00 TO 237+00.00		72

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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

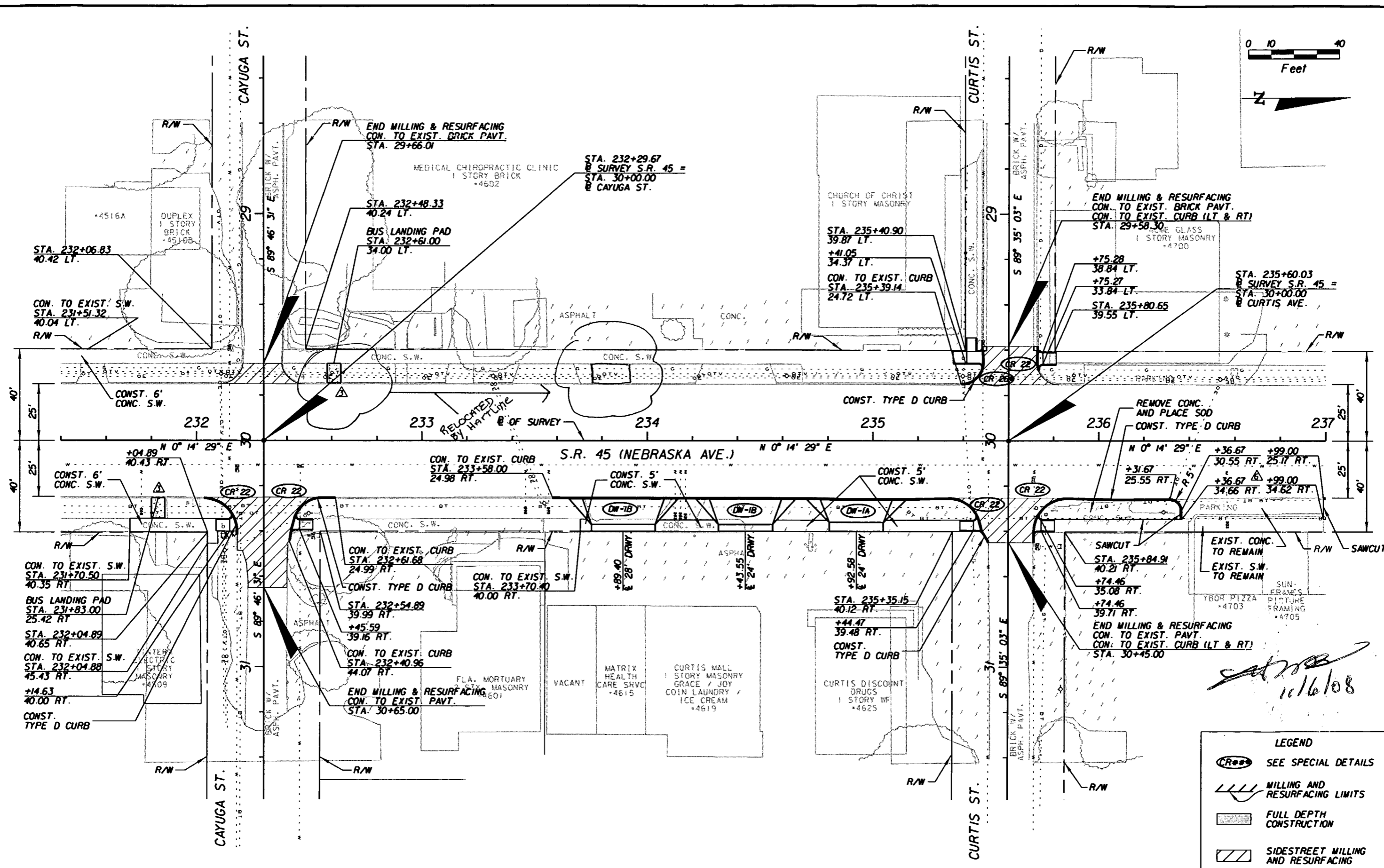
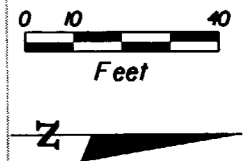
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	CHANGED BUS SHELTER PADS TO LANDING PADS.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**231+40.00 TO 237+00.00**

SHEET NO.  
72



*Signature*  
11/6/08

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	CHANGED BUS SHELTER PADS TO LANDING PADS.			
04/10/08	MJM	CHANGED CONCRETE REMOVAL, SODDING, AND CURB AREAS.			

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

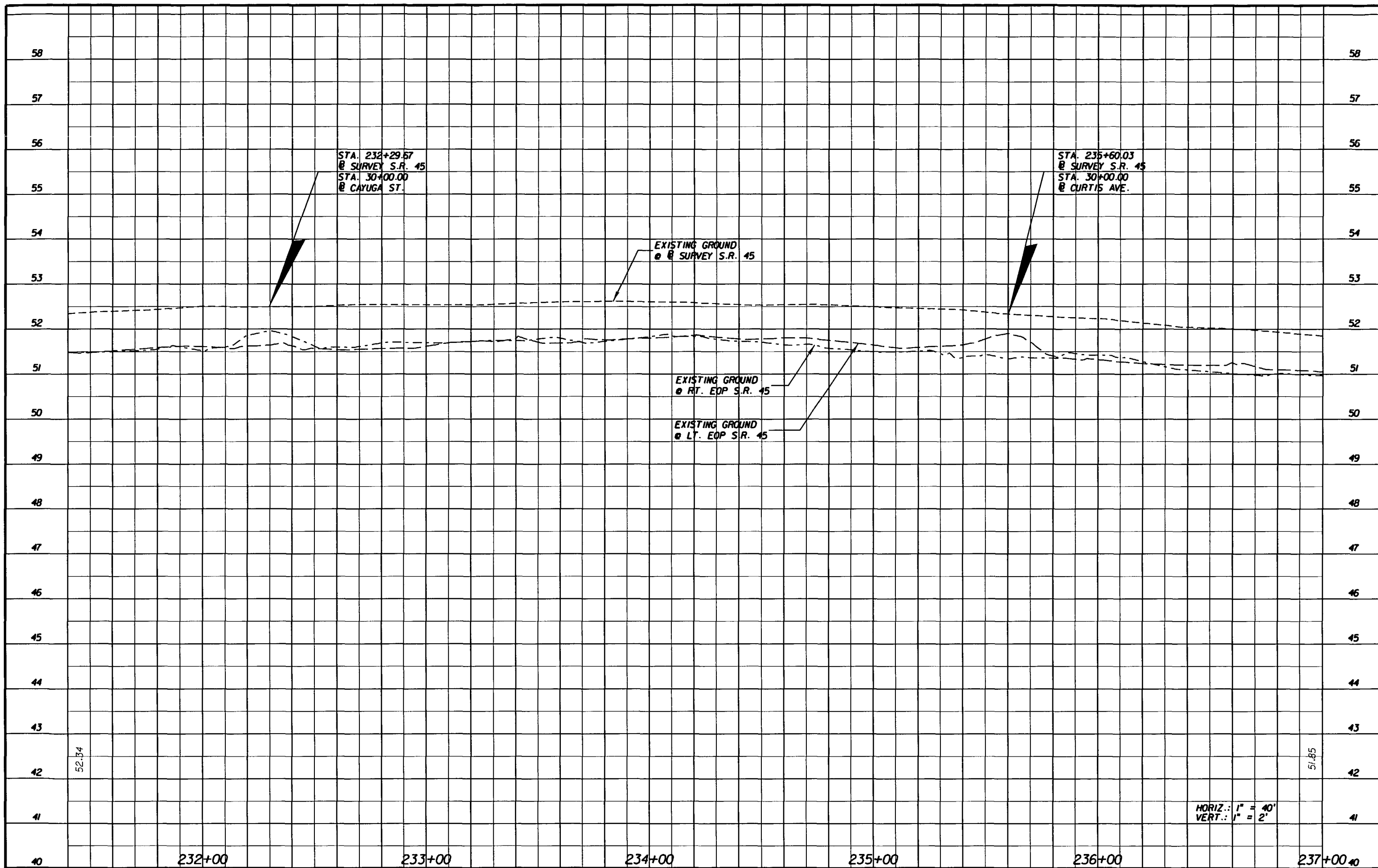
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**231+40.00 TO 237+00.00**

SHEET NO.  
72

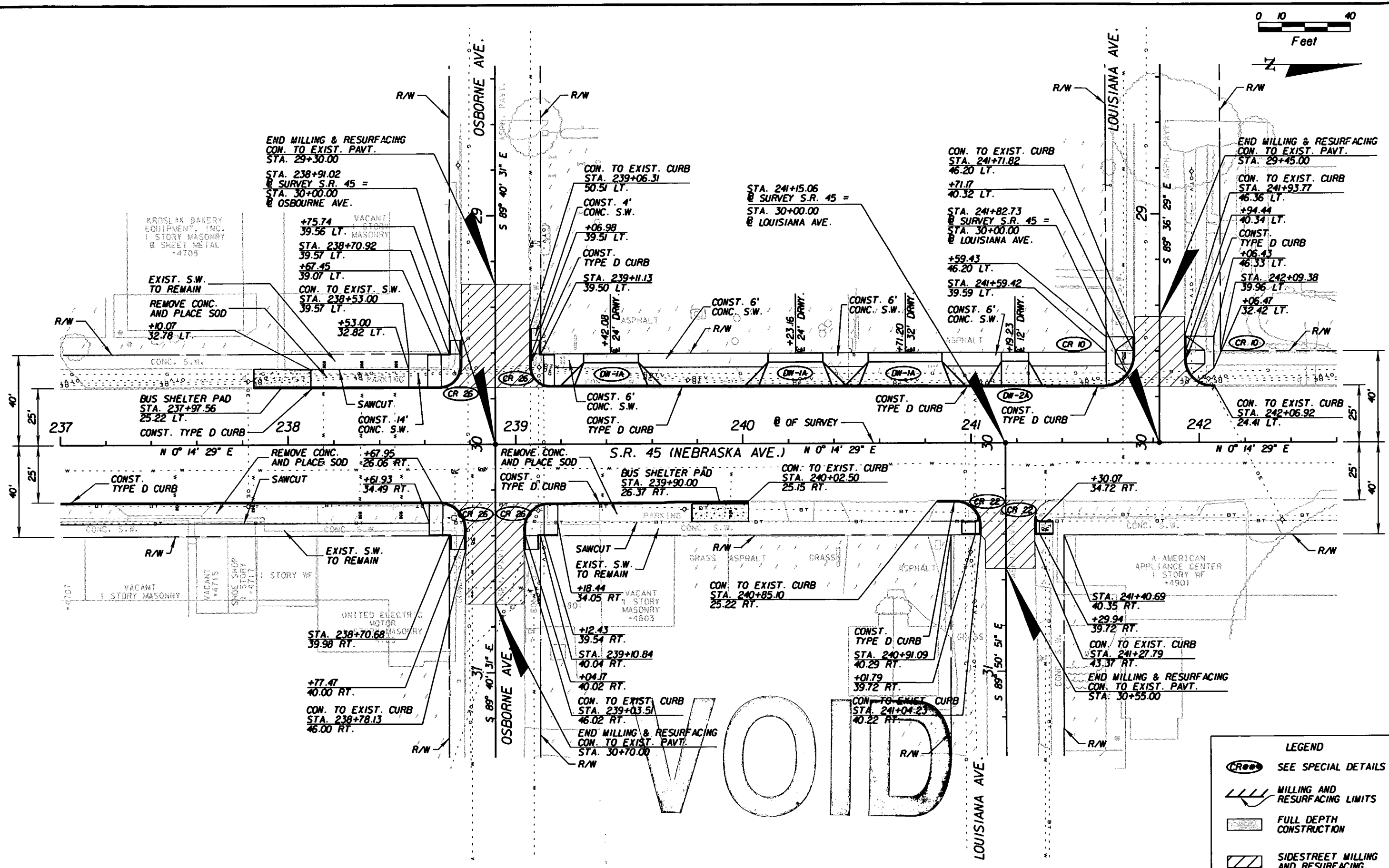
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.





NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>231+40.00 TO 237+00.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		73
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

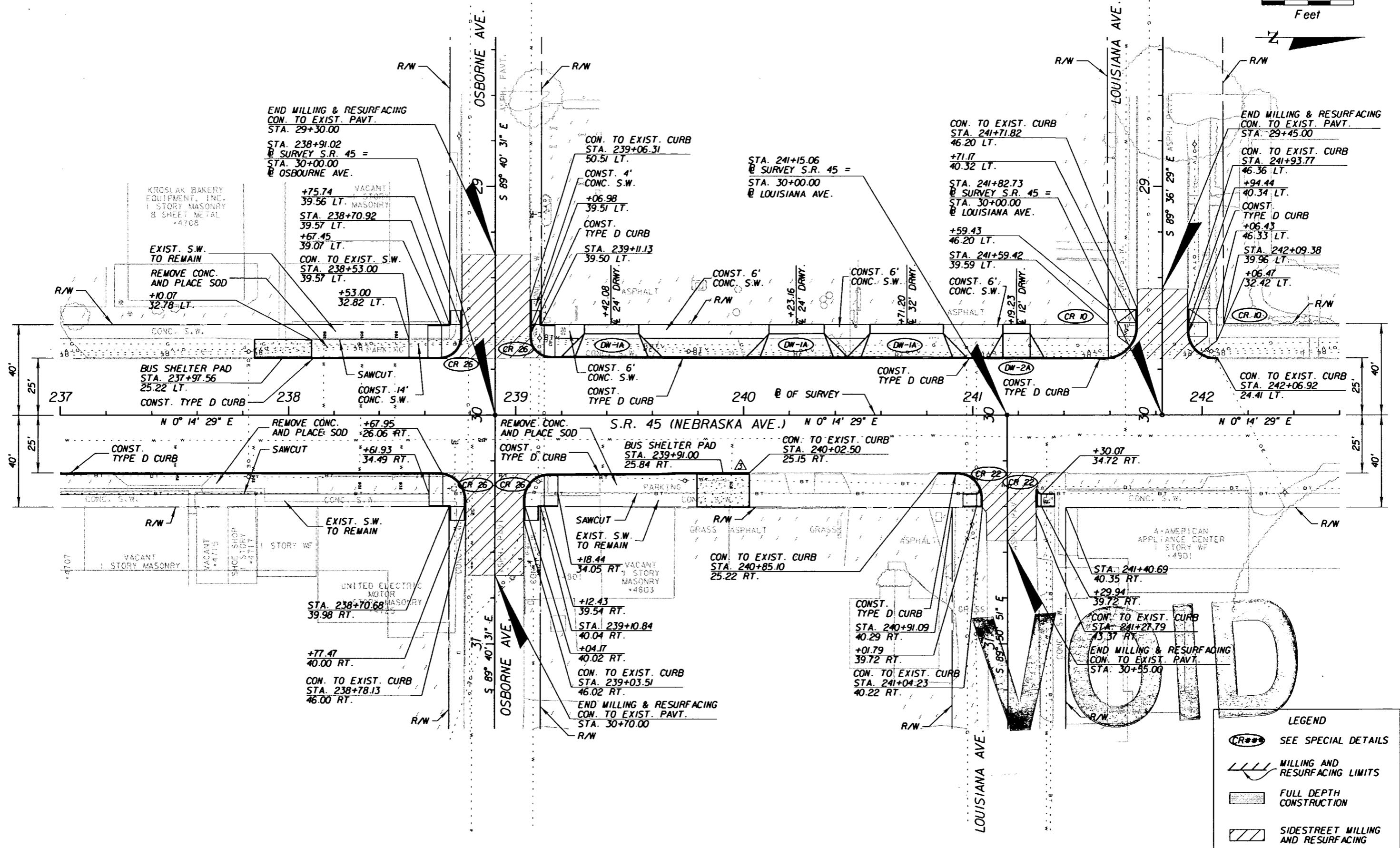
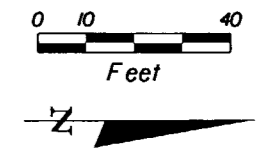
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**237+00.00 TO 242+60.00**

SHEET NO.  
 74

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LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ENLARGED BUS SHELTER PAD.			

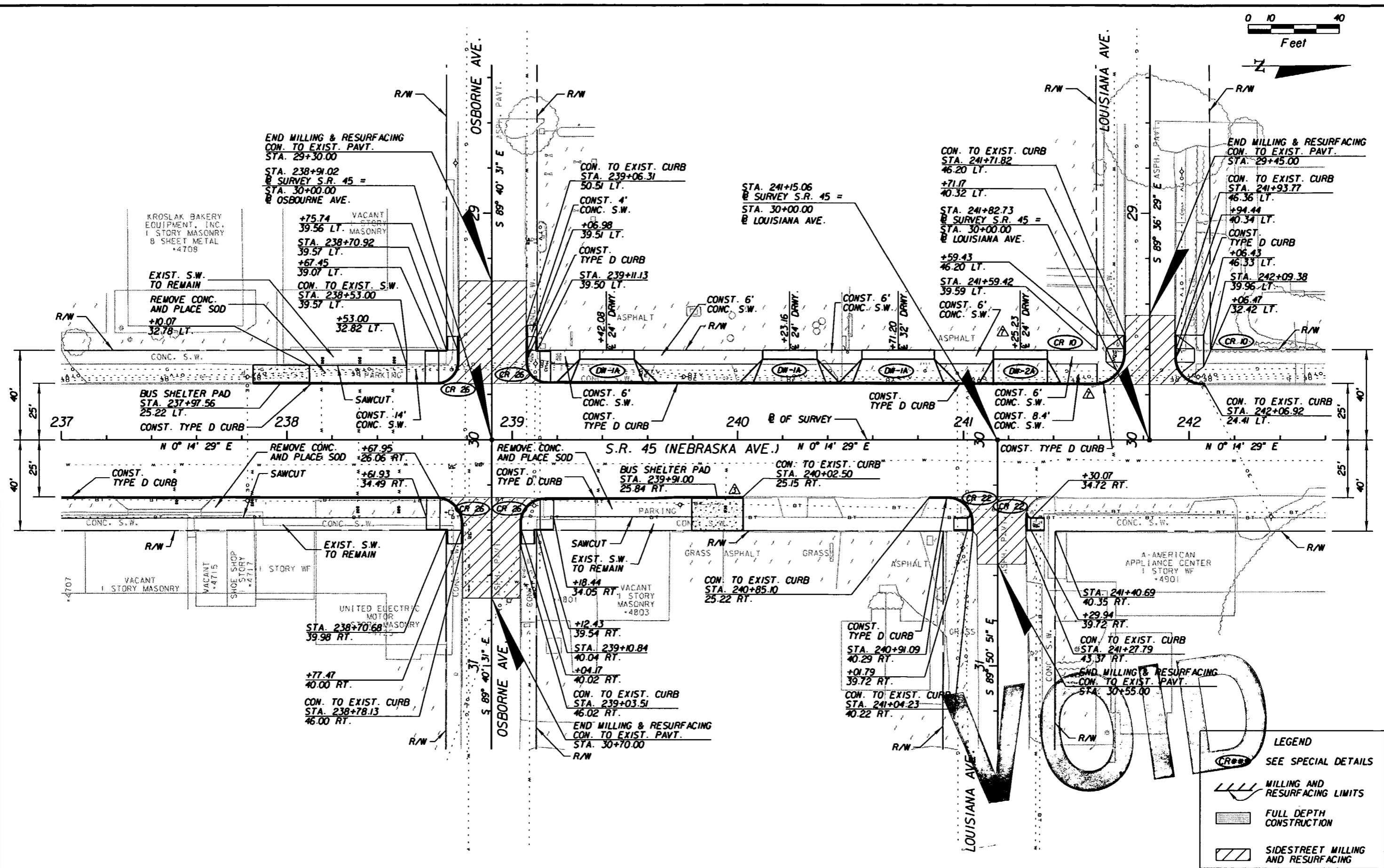
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**237+00.00 TO 242+60.00**

SHEET NO.  
74

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ENLARGED BUS SHELTER PAD.			
05/22/08	MJM	MODIFIED DRIVEWAY AND ADDED SIDEWALK.			

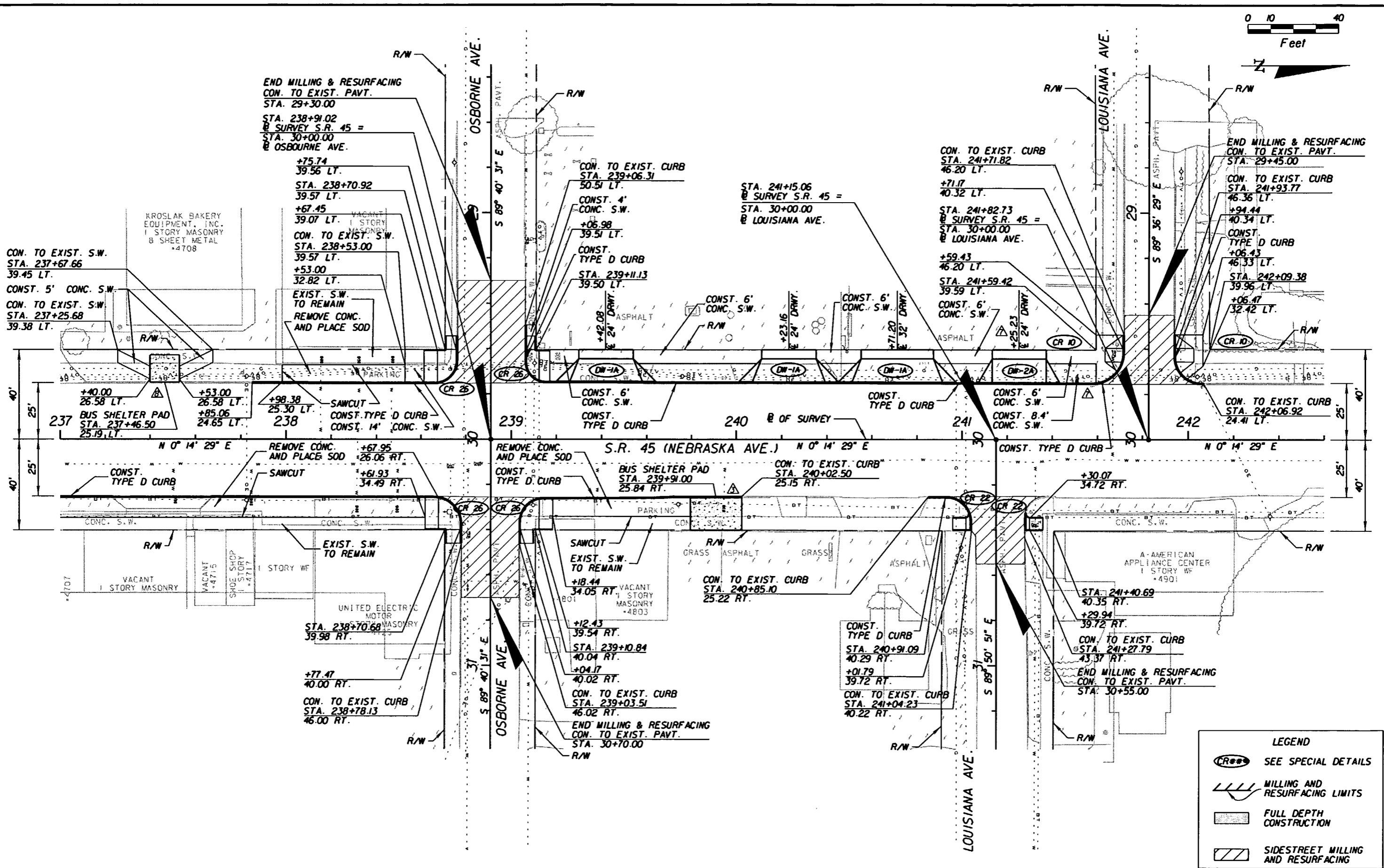
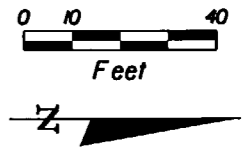
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**237+00.00 TO 242+60.00**

SHEET NO.  
74

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	ENLARGED BUS SHELTER PAD.			
05/22/08	MJM	MODIFIED DRIVEWAY AND ADDED SIDEWALK.			
06/25/08	MJM	RELOCATED BUS SHELTER PAD.			

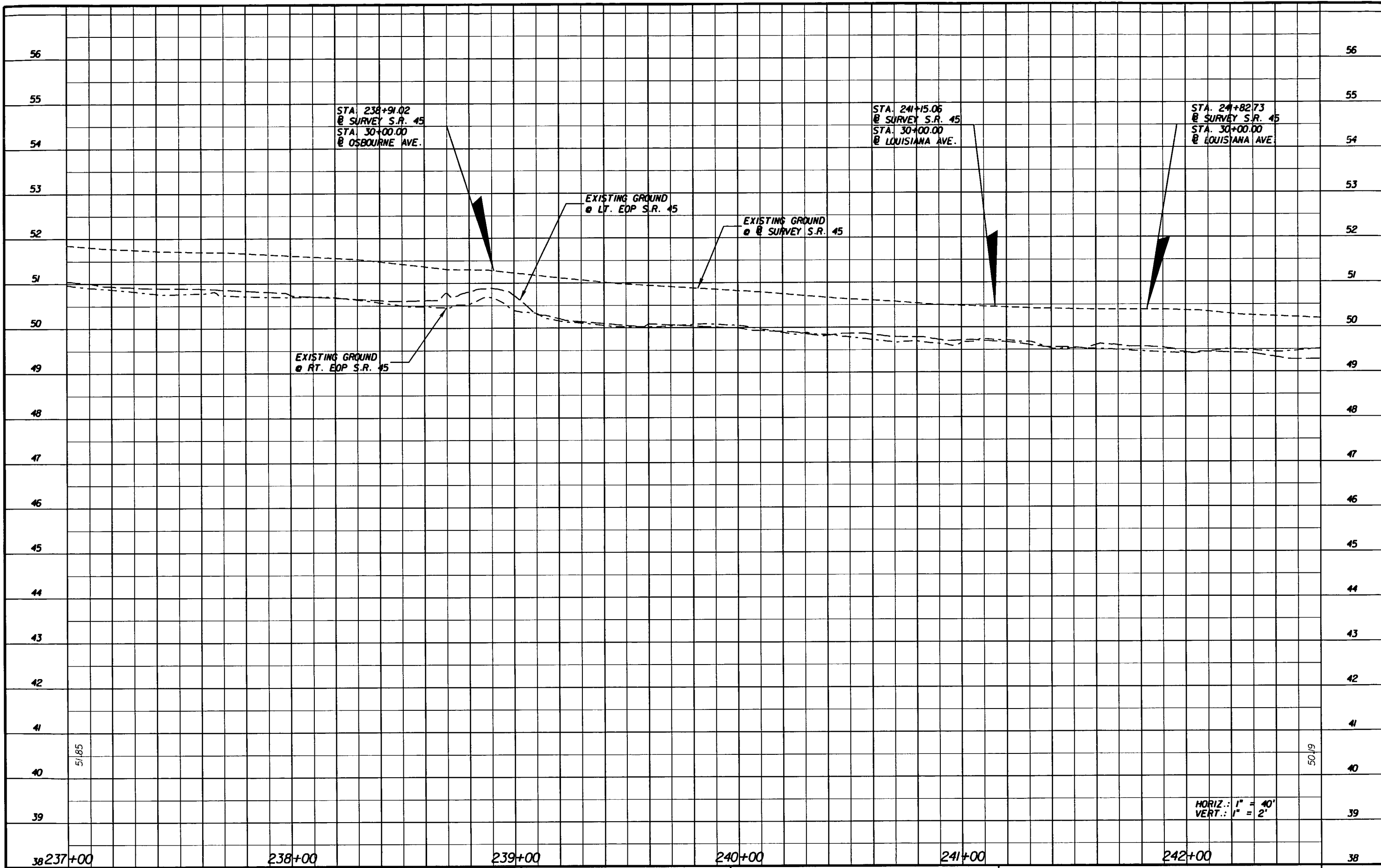
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**237+00.00 TO 242+60.00**

SHEET NO.  
74

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



STA. 238+91.02  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ OSBOURNE AVE.

STA. 241+15.06  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ LOUISIANA AVE.

STA. 241+82.73  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ LOUISIANA AVE.

EXISTING GROUND  
@ LT. EOP S.R. 45

EXISTING GROUND  
@ SURVEY S.R. 45

EXISTING GROUND  
@ RT. EOP S.R. 45

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

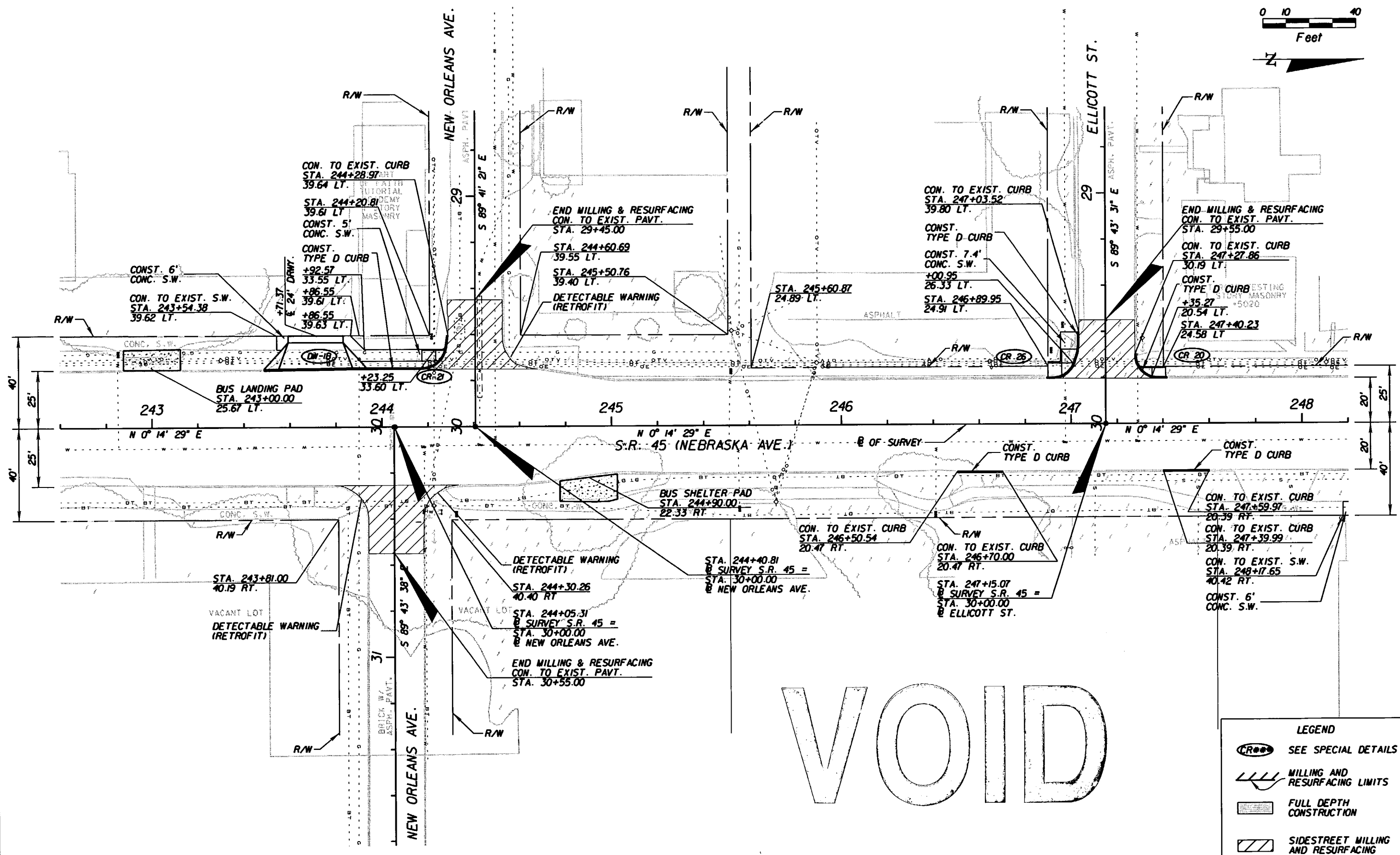
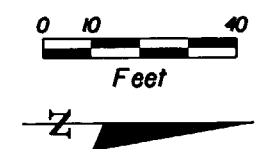
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**237+00.00 TO 242+60.00**

SHEET  
NO.  
75

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VOID

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

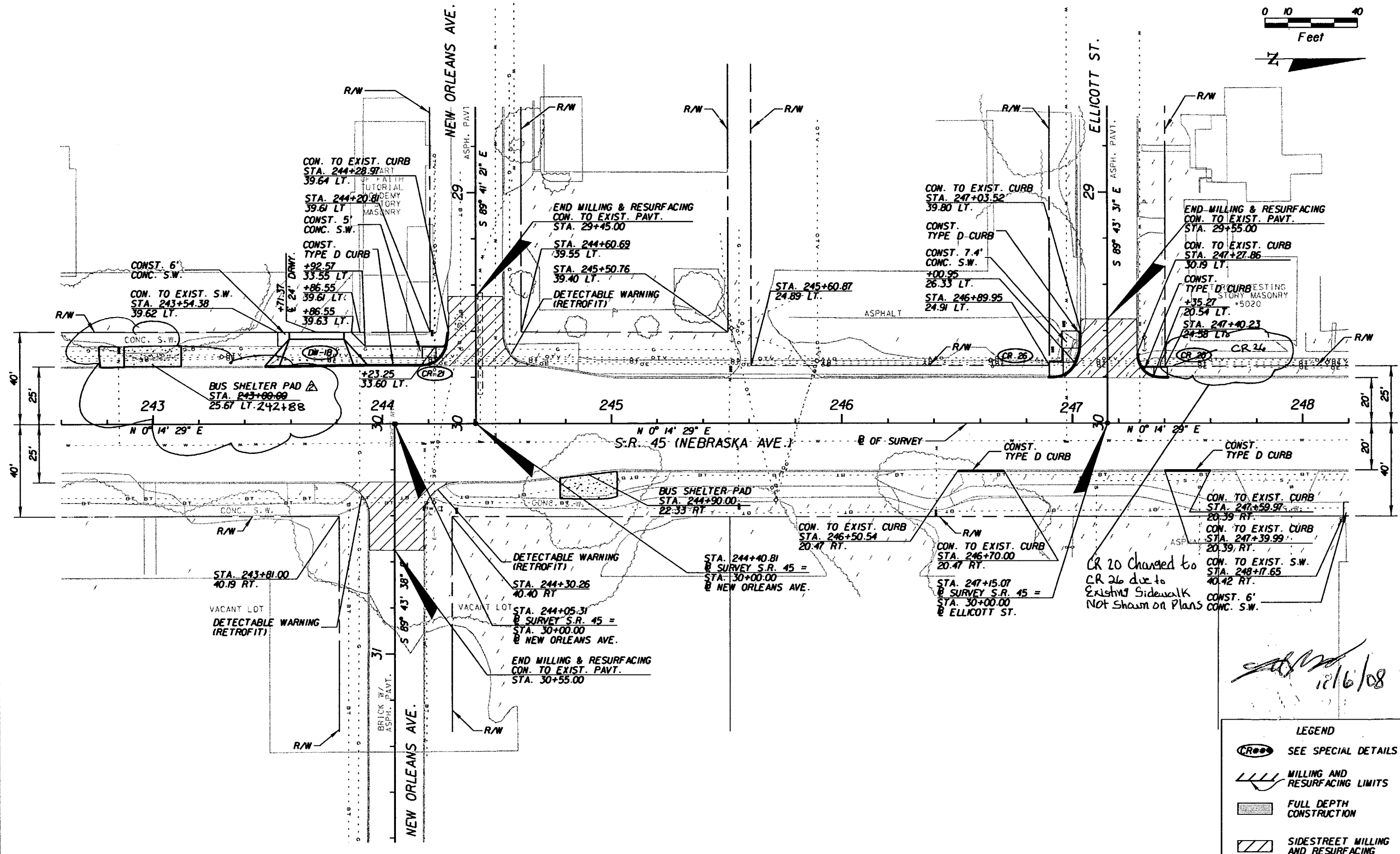
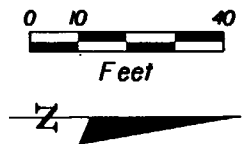
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**242+60.00 TO 248+20.00**

SHEET NO.  
 76

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CR 20 changed to CR 26 due to existing sidewalk. Not shown on plans.

*[Signature]*  
12/16/08

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	ADJUSTED BUS SHELTER PAD LABEL.			

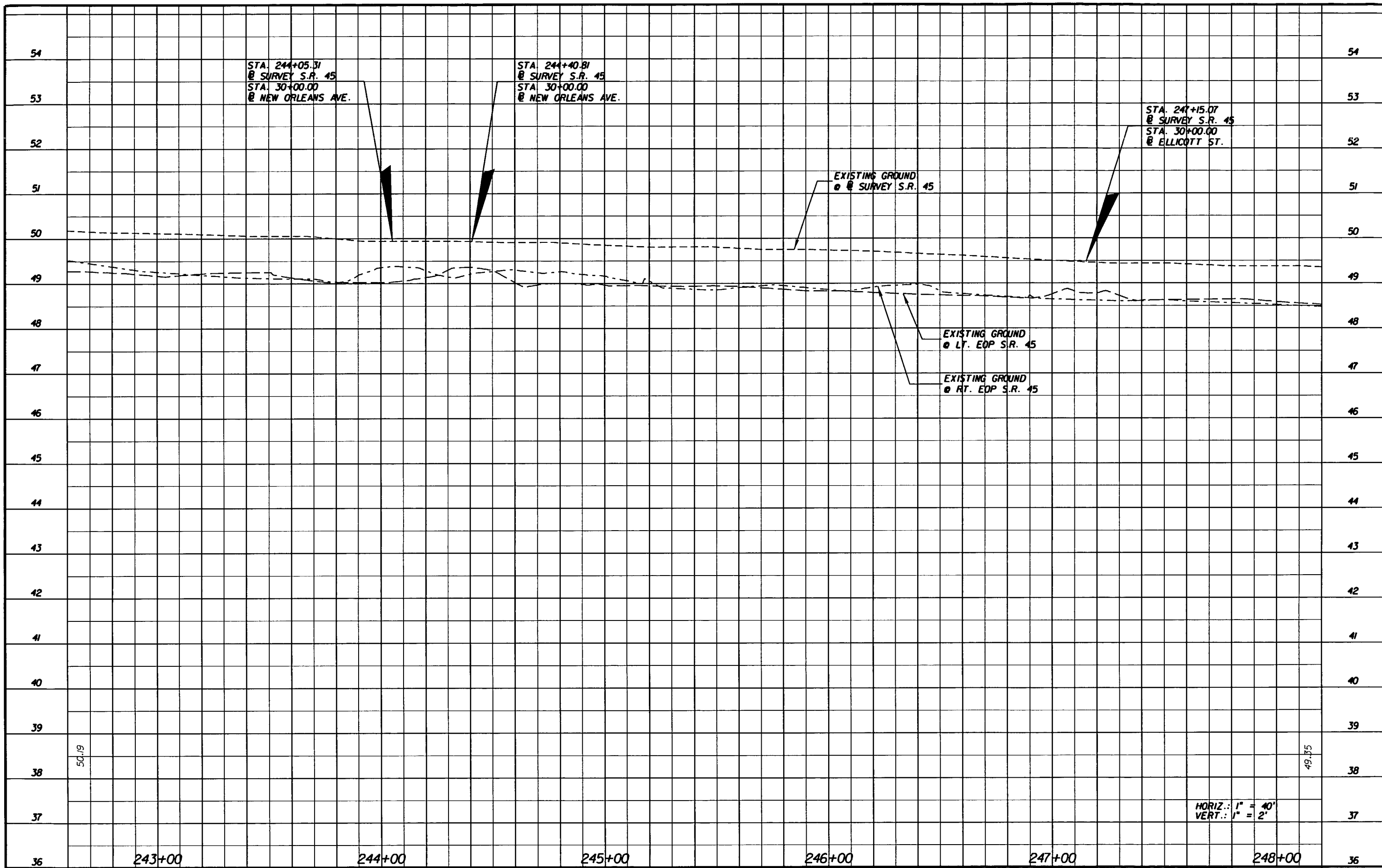
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**242+60.00 TO 248+20.00**

SHEET NO.  
76

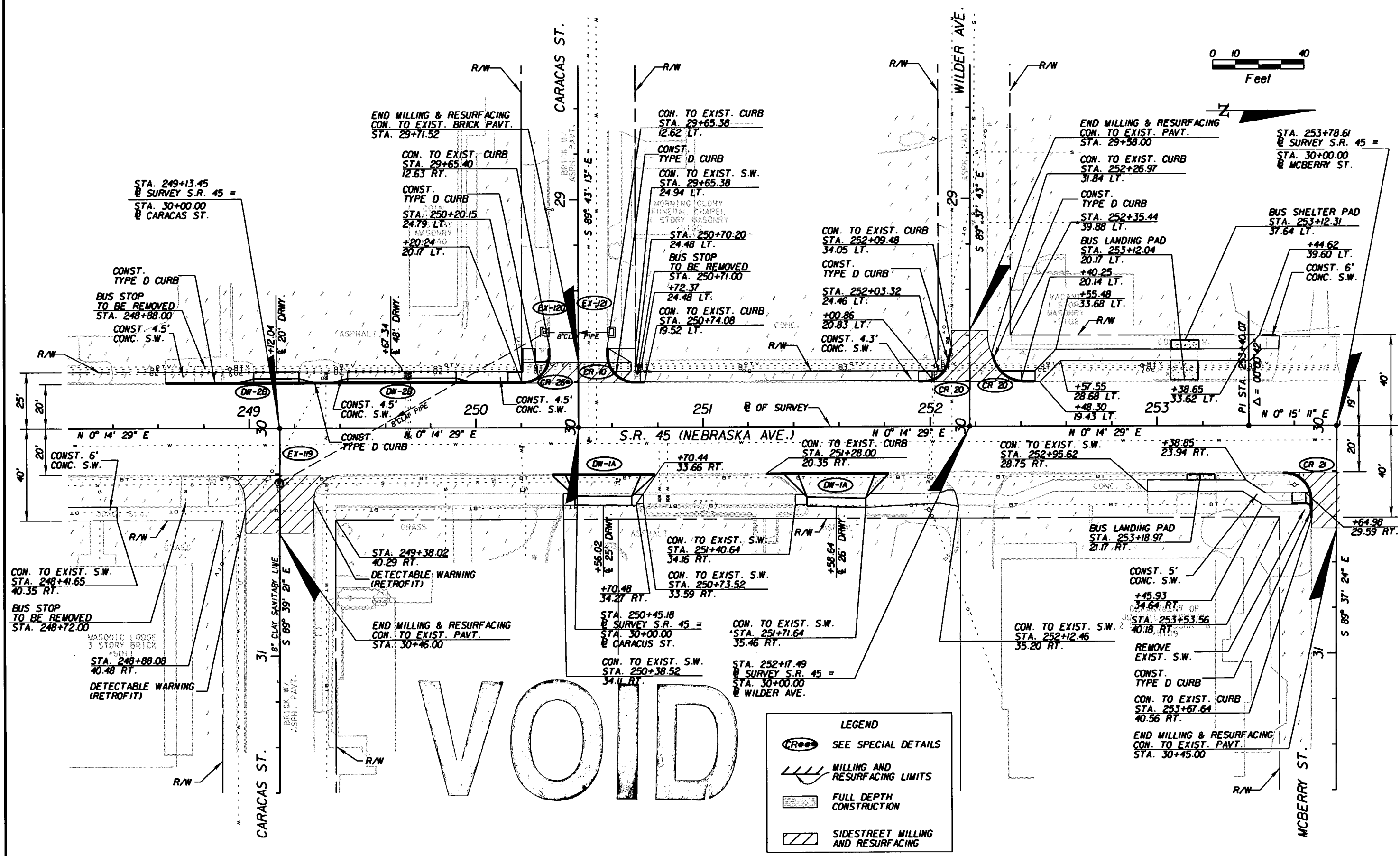
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G15-23.003, F.A.C.



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>242+60.00 TO 248+20.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		77
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

HORIZ.: 1" = 40'  
VERT.: 1" = 2'



VOID

LEGEND	
	SEE SPECIAL DETAILS
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDEWALK MILLING AND RESURFACING

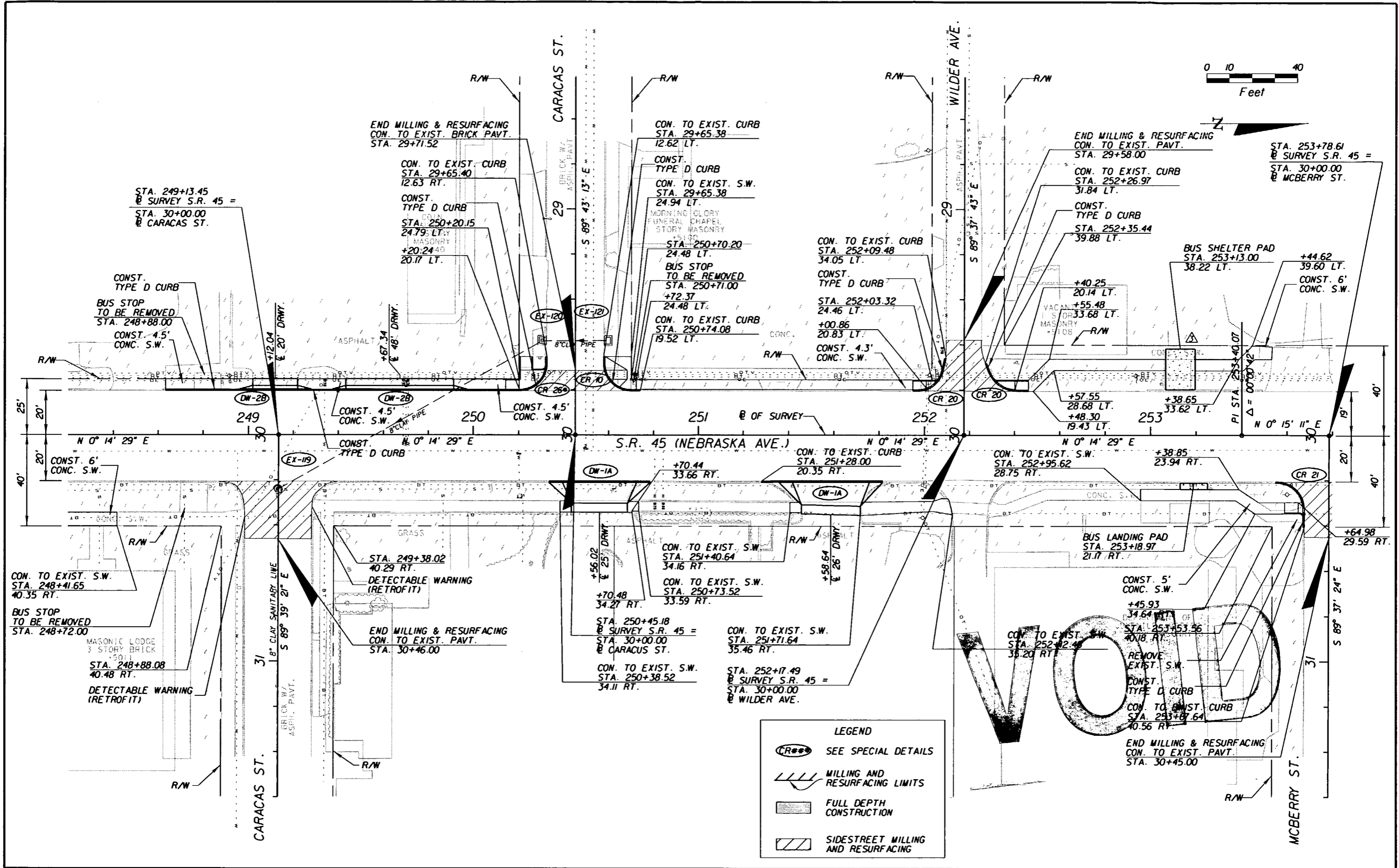
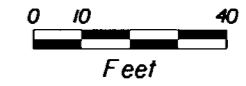
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

<b>PLAN SHEET</b> <b>248+20.00 TO 253+80.00</b>	SHEET NO.  78
--	------------------------

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**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	REMOVED BUS LANDING PAD. ENLARGED BUS SHELTER PAD.			

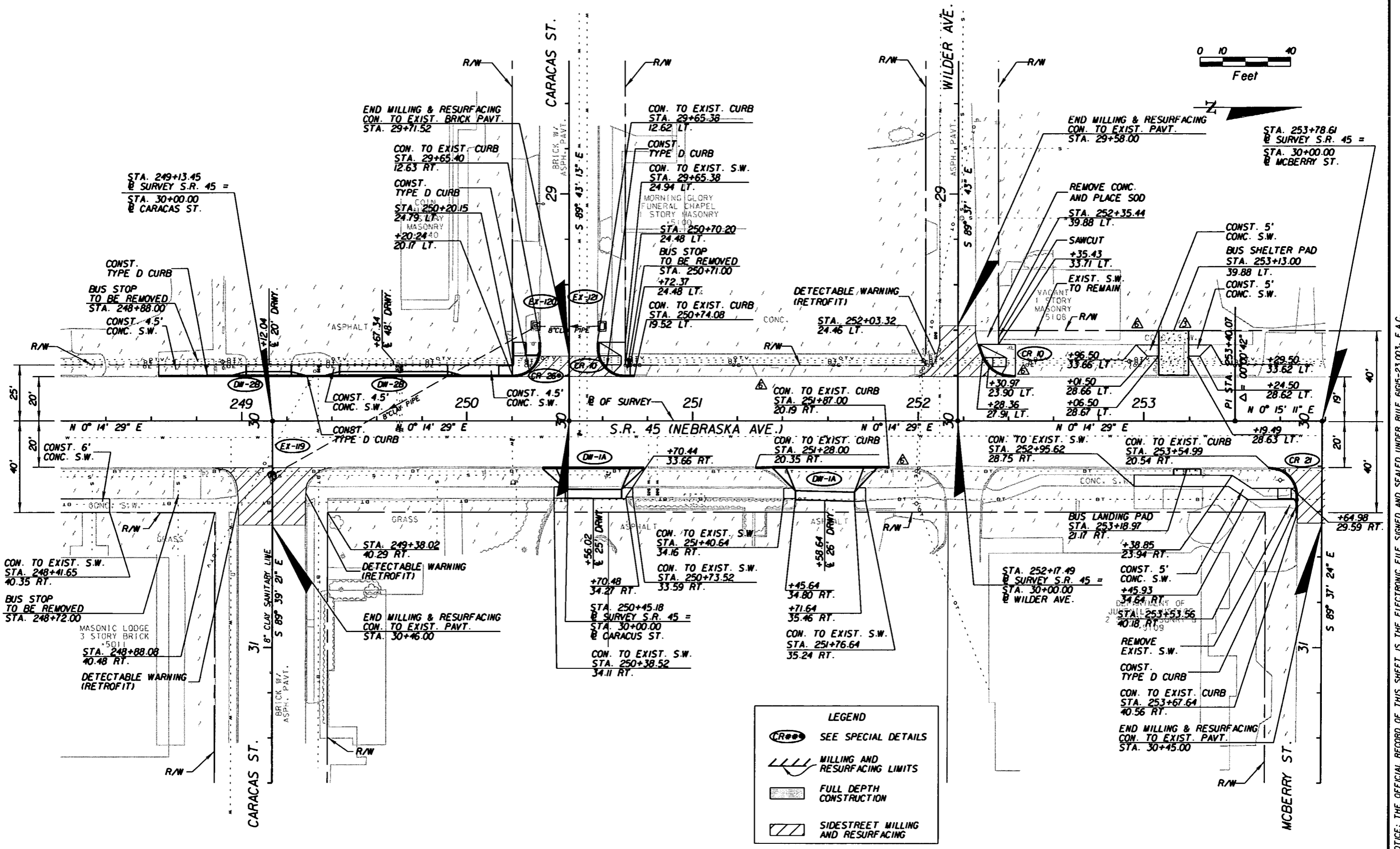
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**248+20.00 TO 253+80.00**

SHEET NO.  
78

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**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/31/07	MJM	REMOVED BUS LANDING PAD. ENLARGED BUS SHELTER PAD.			
04/10/08	MJM	REMOVED PROPOSED SIDEWALK AND CHANGED SIDEWALK LOCATIONS.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

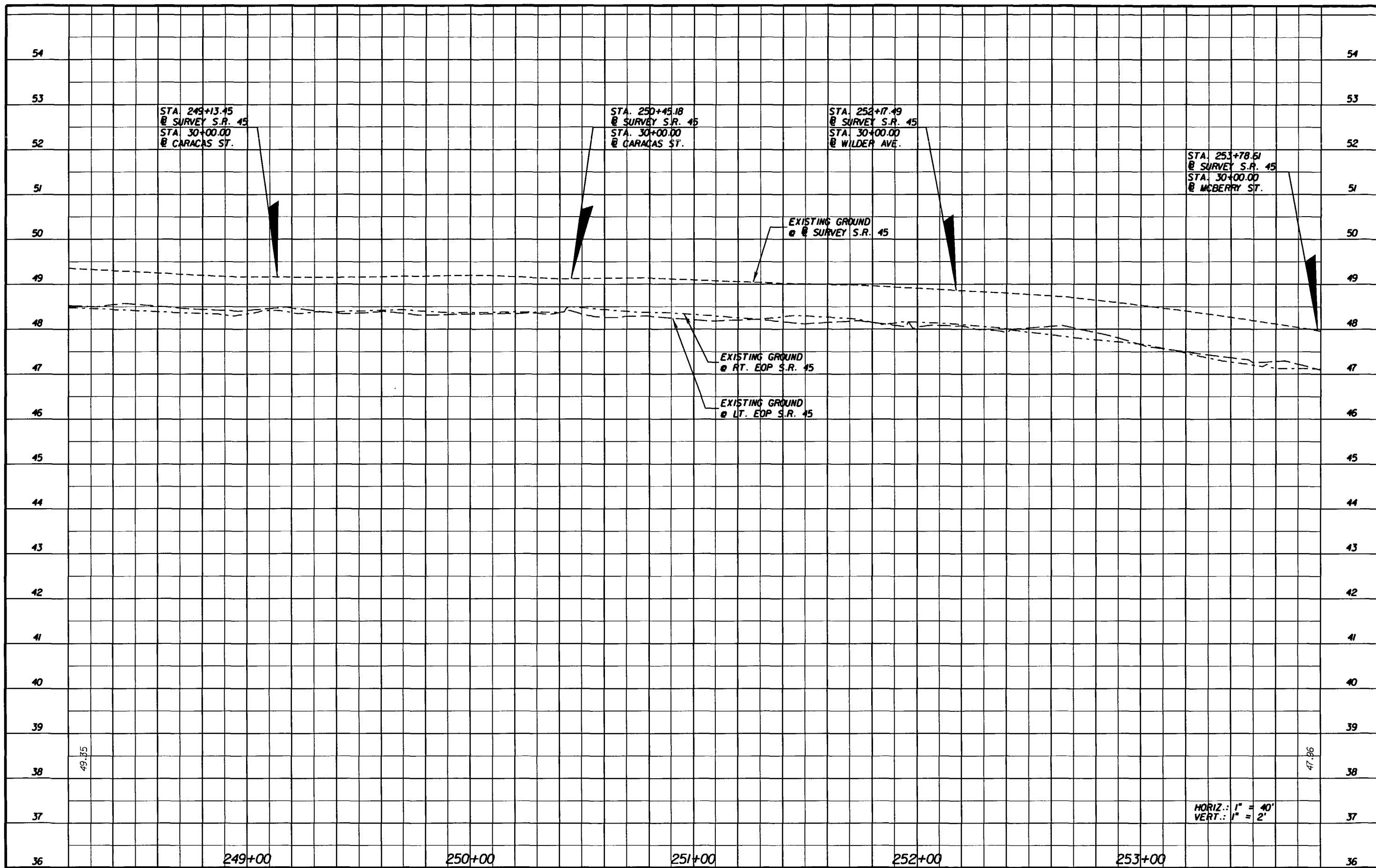
STATE OF FLORIDA		
DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**248+20.00 TO 253+80.00**

SHEET NO.  
78

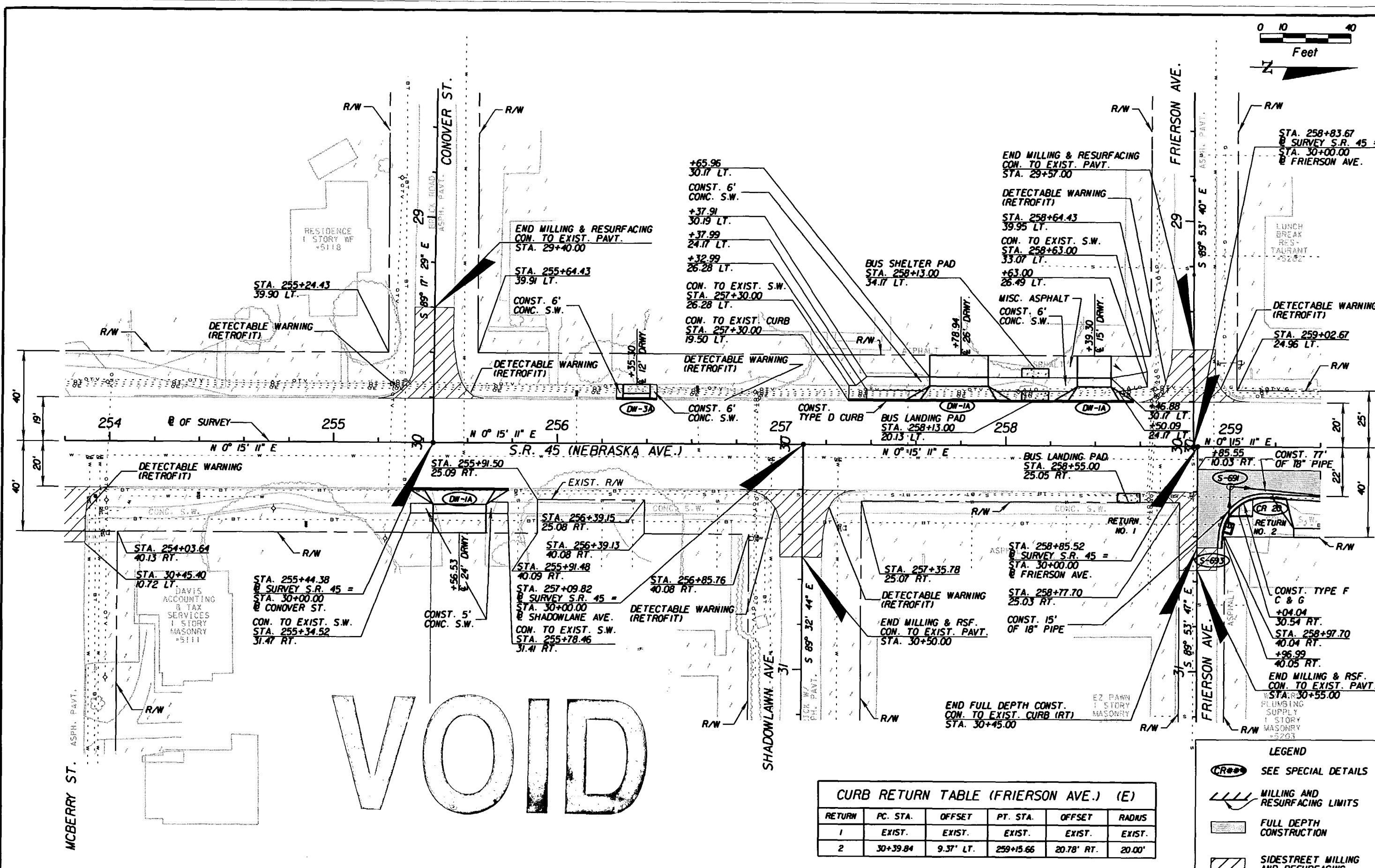
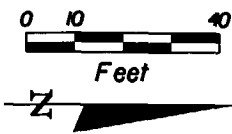
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.





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REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>248+20.00 TO 253+80.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		79
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



**CURB RETURN TABLE (FRIERSON AVE.) (E)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADUS
1	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
2	30+39.84	9.37' LT.	259+15.66	20.78' RT.	20.00'

- LEGEND**
- SEE SPECIAL DETAILS
  - MILLING AND RESURFACING LIMITS
  - FULL DEPTH CONSTRUCTION
  - SIDEWALK MILLING AND RESURFACING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

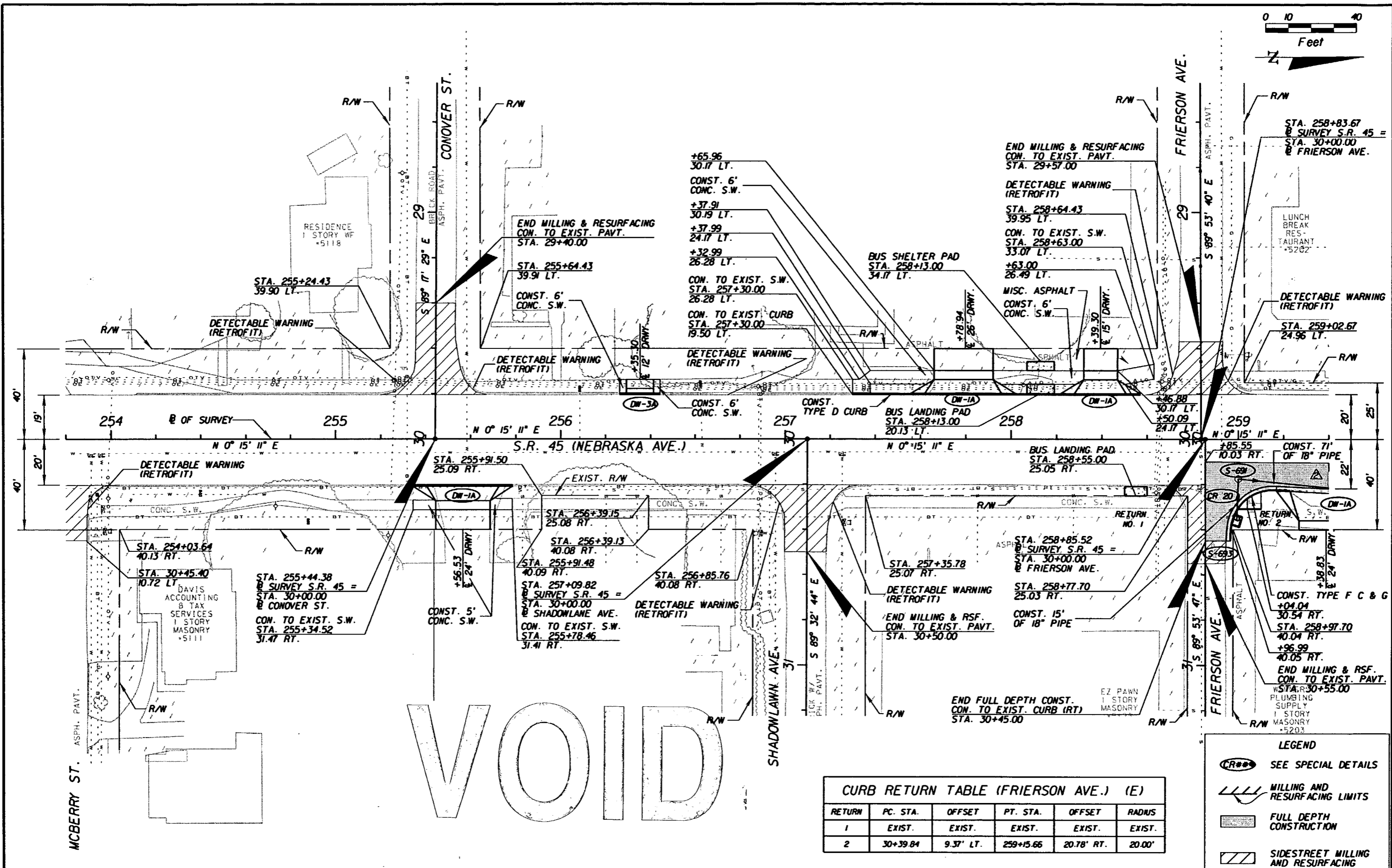
**STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**253+80.00 TO 259+40.00**

SHEET NO. 80

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**CURB RETURN TABLE (FRIERSON AVE.) (E)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
2	30+39.84	9.37' LT.	259+15.66	20.78' RT.	20.00'

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	ADJUSTED DRIVEWAY AND CHANGED PIPE LENGTH.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

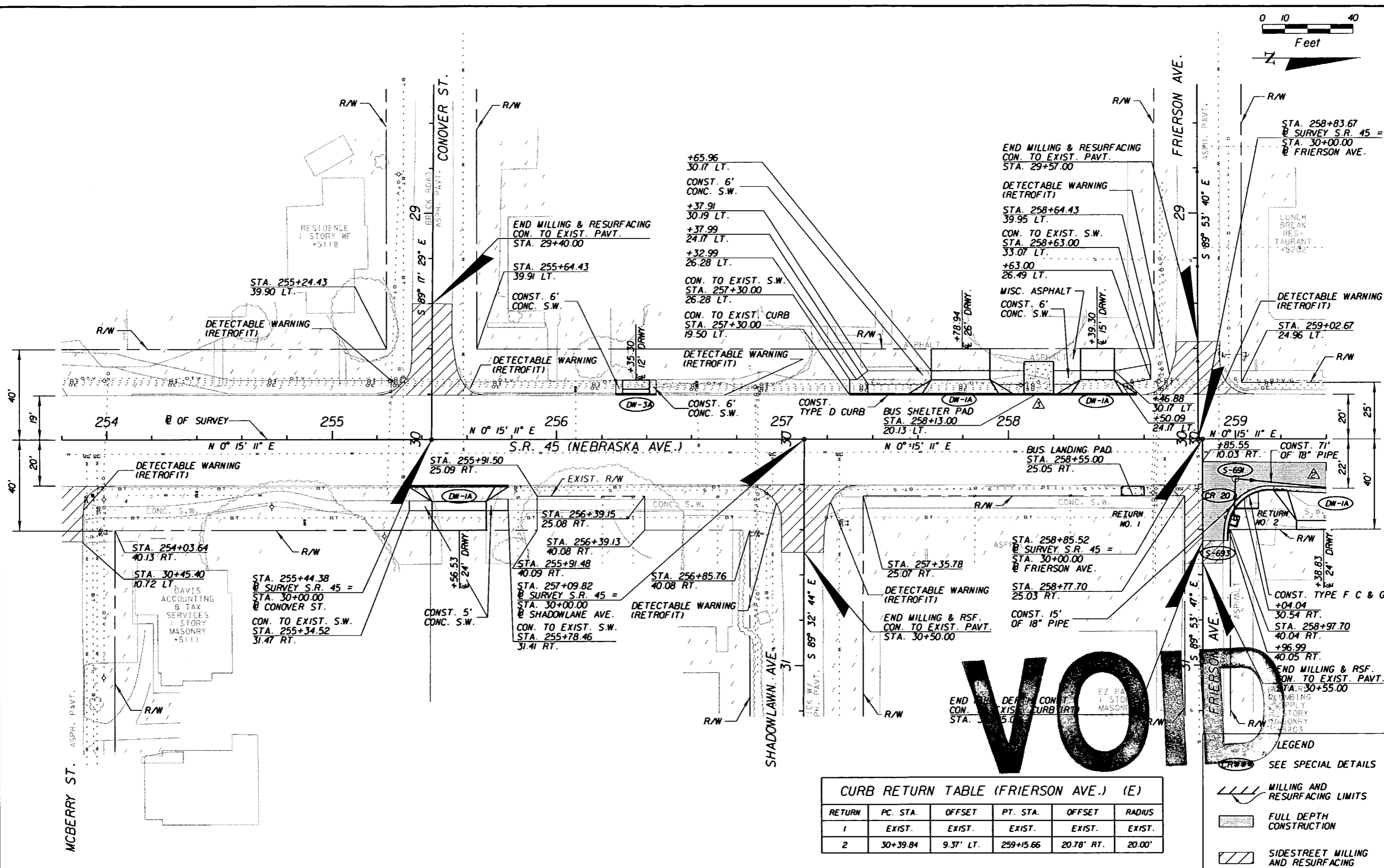
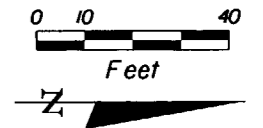
**STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**253+80.00 TO 259+40.00**

SHEET NO.  
 80

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VOID

**CURB RETURN TABLE (FRIERSON AVE.) (E)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
2	30+39.84	9.37' LT.	259+15.66	20.78' RT.	20.00'

- LEGEND**
- SEE SPECIAL DETAILS
  - MILLING AND RESURFACING LIMITS
  - FULL DEPTH CONSTRUCTION
  - SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	ADJUSTED DRIVEWAY AND CHANGED PIPE LENGTH.			
07/31/07	MJM	REMOVED BUS LANDING PAD. ENLARGED BUS SHELTER PAD.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

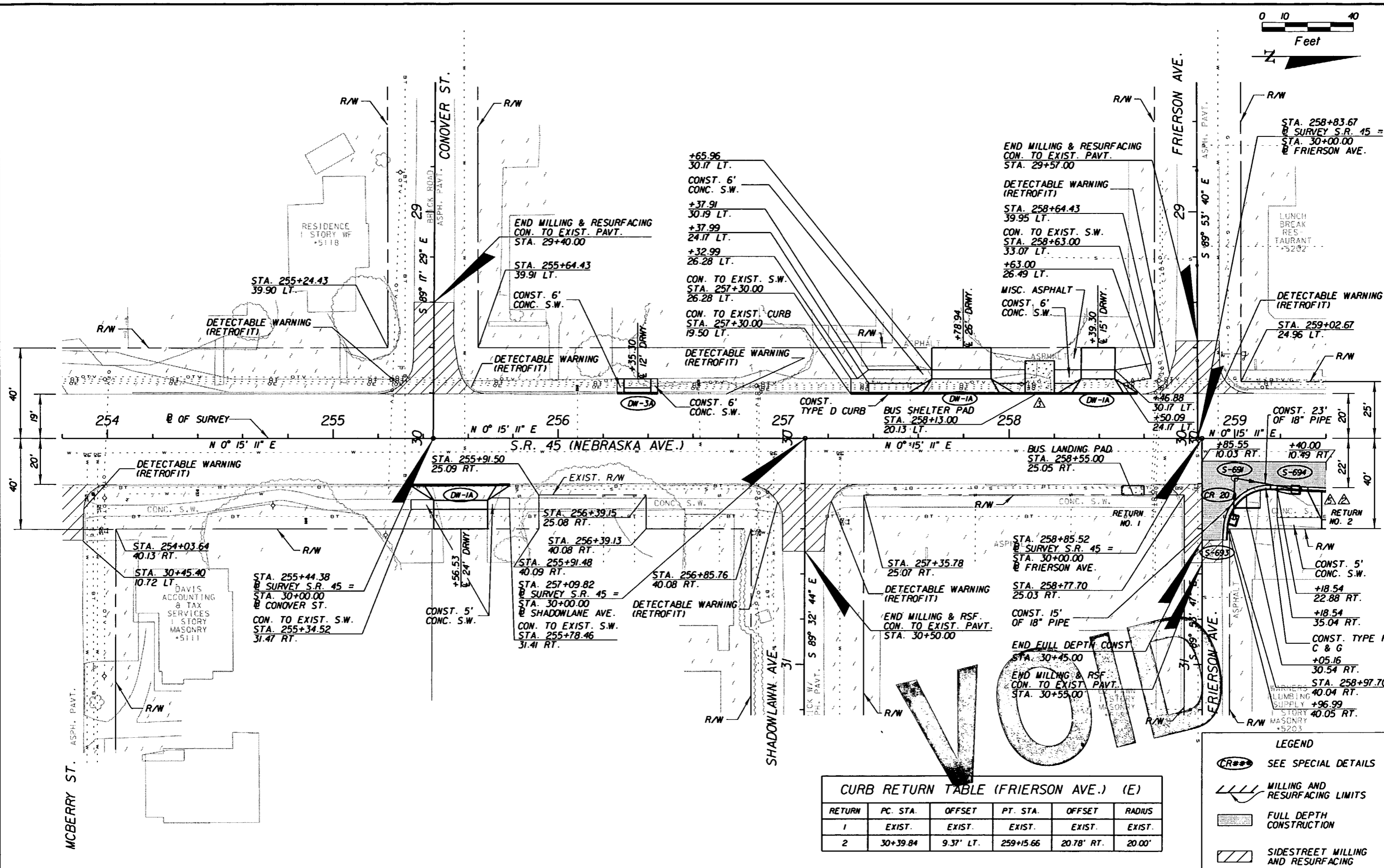
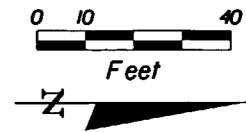
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

PLAN SHEET

253+80.00 TO 259+40.00

SHEET NO.  
80

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**CURB RETURN TABLE (FRIERSON AVE.) (E)**

RETURN	PC STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
2	30+39.84	9.37' LT.	259+15.66	20.78' RT.	20.00'

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	ADJUSTED DRIVEWAY AND CHANGED PIPE LENGTH.			
07/31/07	MJM	REMOVED BUS LANDING PAD. ENLARGED BUS SHELTER PAD.			
02/27/08	MJM	MODIFIED DRIVEWAY, CHANGED PIPE LENGTH, AND MOVED INLET.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

**STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION**

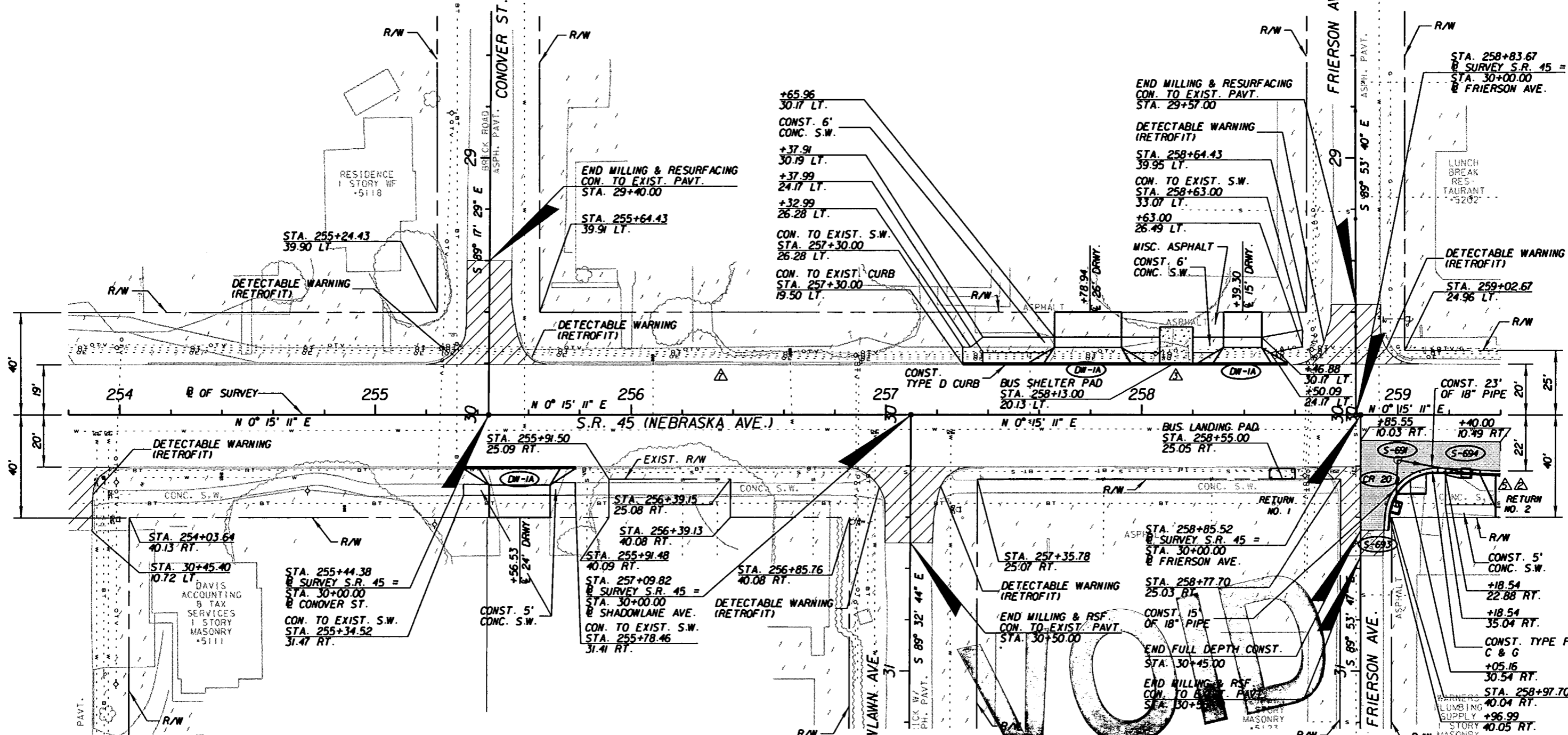
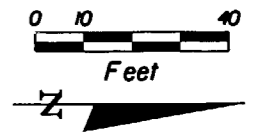
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**253+80.00 TO 259+40.00**

SHEET NO.  
 80

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**CURB RETURN TABLE (FRIERSON AVE.) (E)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
2	30+39.84	9.37' LT.	259+15.66	20.78' RT.	20.00'

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	ADJUSTED DRIVEWAY AND CHANGED PIPE LENGTH.	05/22/08	MJM	REMOVED PROPOSED DRIVEWAY.
07/31/07	MJM	REMOVED BUS LANDING PAD. ENLARGED BUS SHELTER PAD.			
02/27/08	MJM	MODIFIED DRIVEWAY, CHANGED PIPE LENGTH, AND MOVED INLET.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

**STATE OF FLORIDA**  
**DEPARTMENT OF TRANSPORTATION**

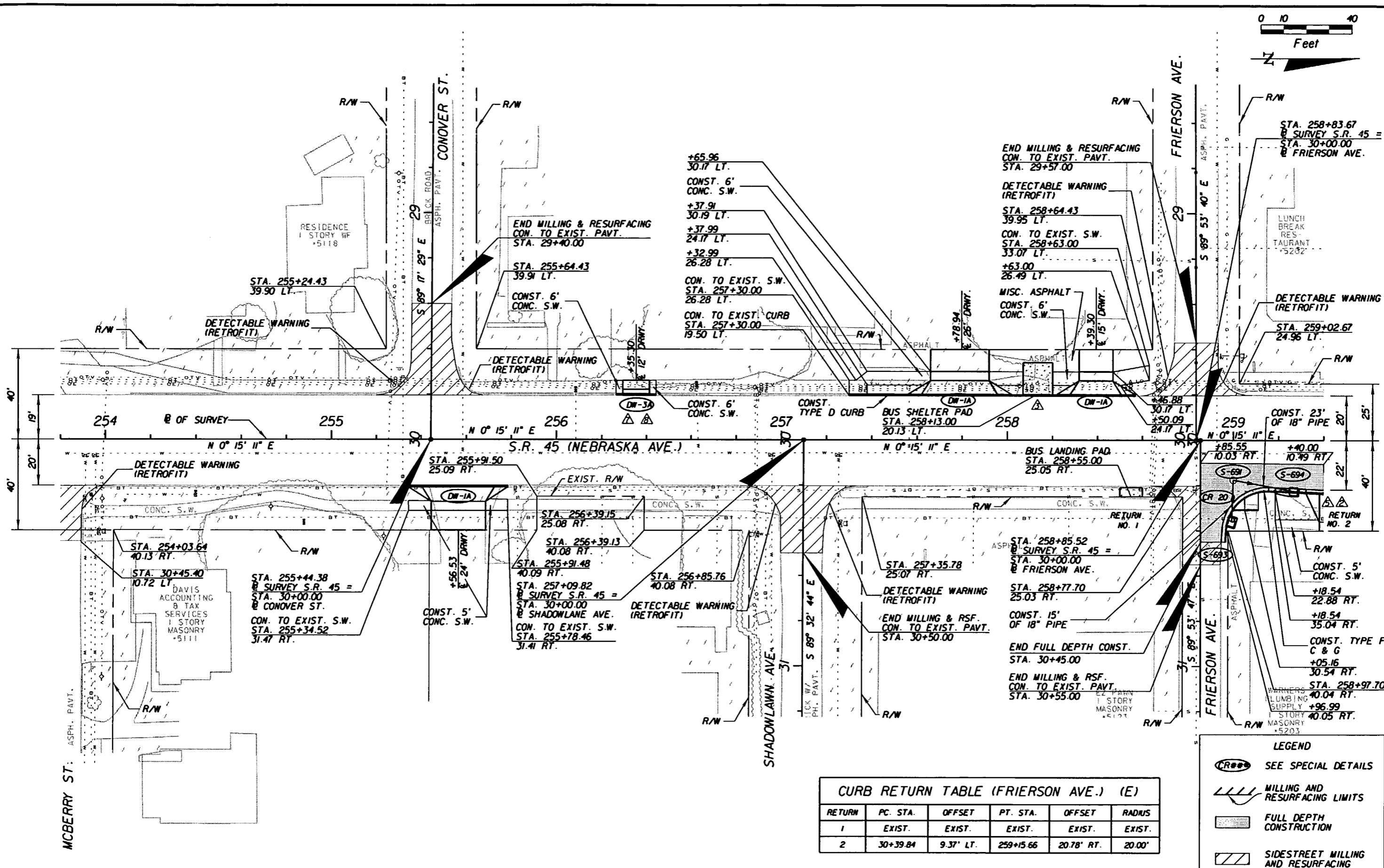
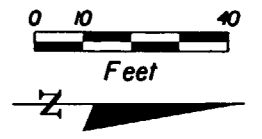
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**253+80.00 TO 259+40.00**

SHEET NO.  
 80

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**CURB RETURN TABLE (FRIERSON AVE.) (E)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
2	30+39.84	9.37' LT.	259+15.66	20.78' RT.	20.00'

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	ADJUSTED DRIVEWAY AND CHANGED PIPE LENGTH.	05/22/08	MJM	REMOVED PROPOSED DRIVEWAY.
07/31/07	MJM	REMOVED BUS LANDING PAD. ENLARGED BUS SHELTER PAD.	06/25/08	MJM	ADDED PROPOSED DRIVEWAY.
02/27/08	MJM	MODIFIED DRIVEWAY, CHANGED PIPE LENGTH, AND MOVED INLET.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

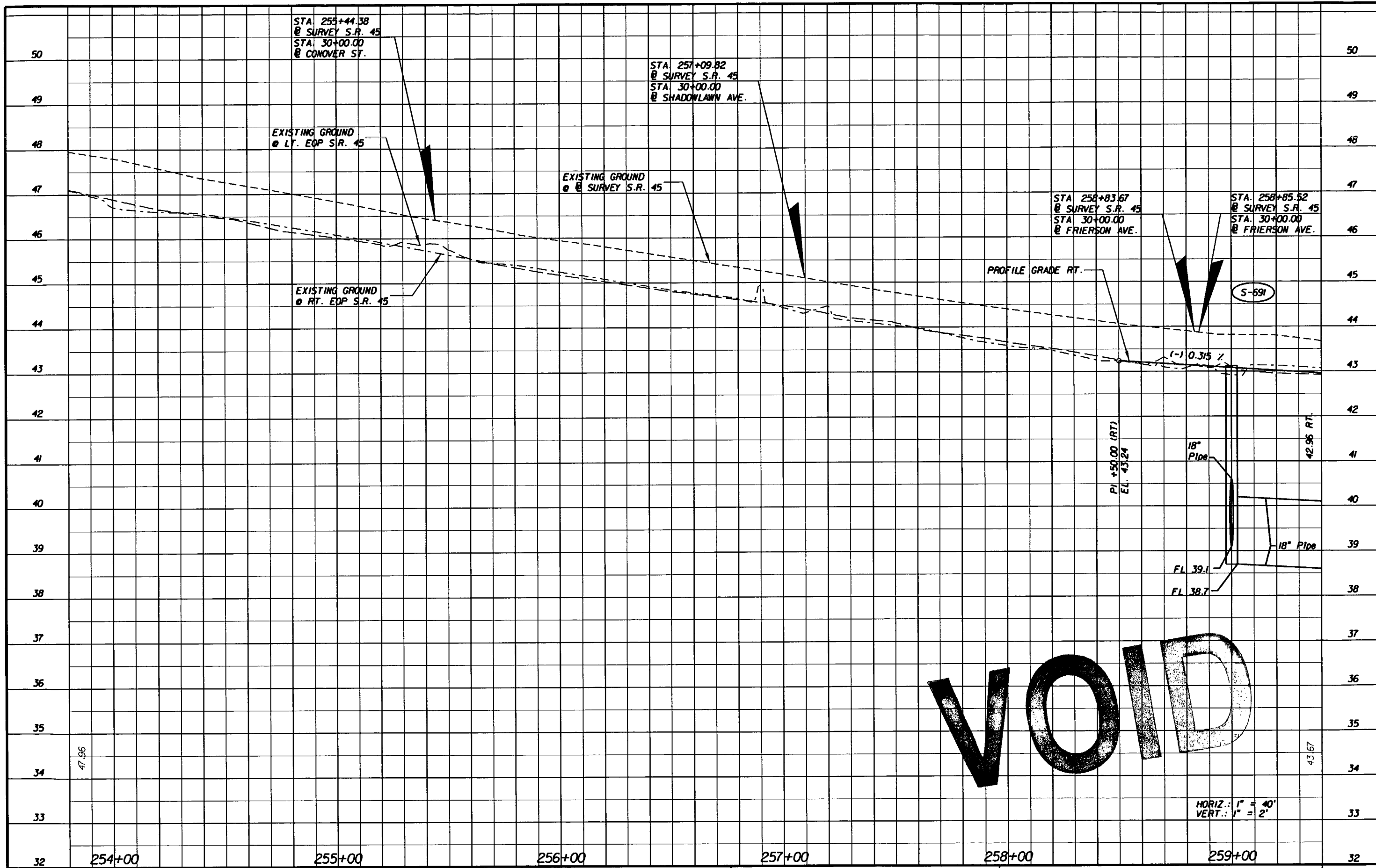
**STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**253+80.00 TO 259+40.00**

SHEET NO.  
 80

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VOID

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

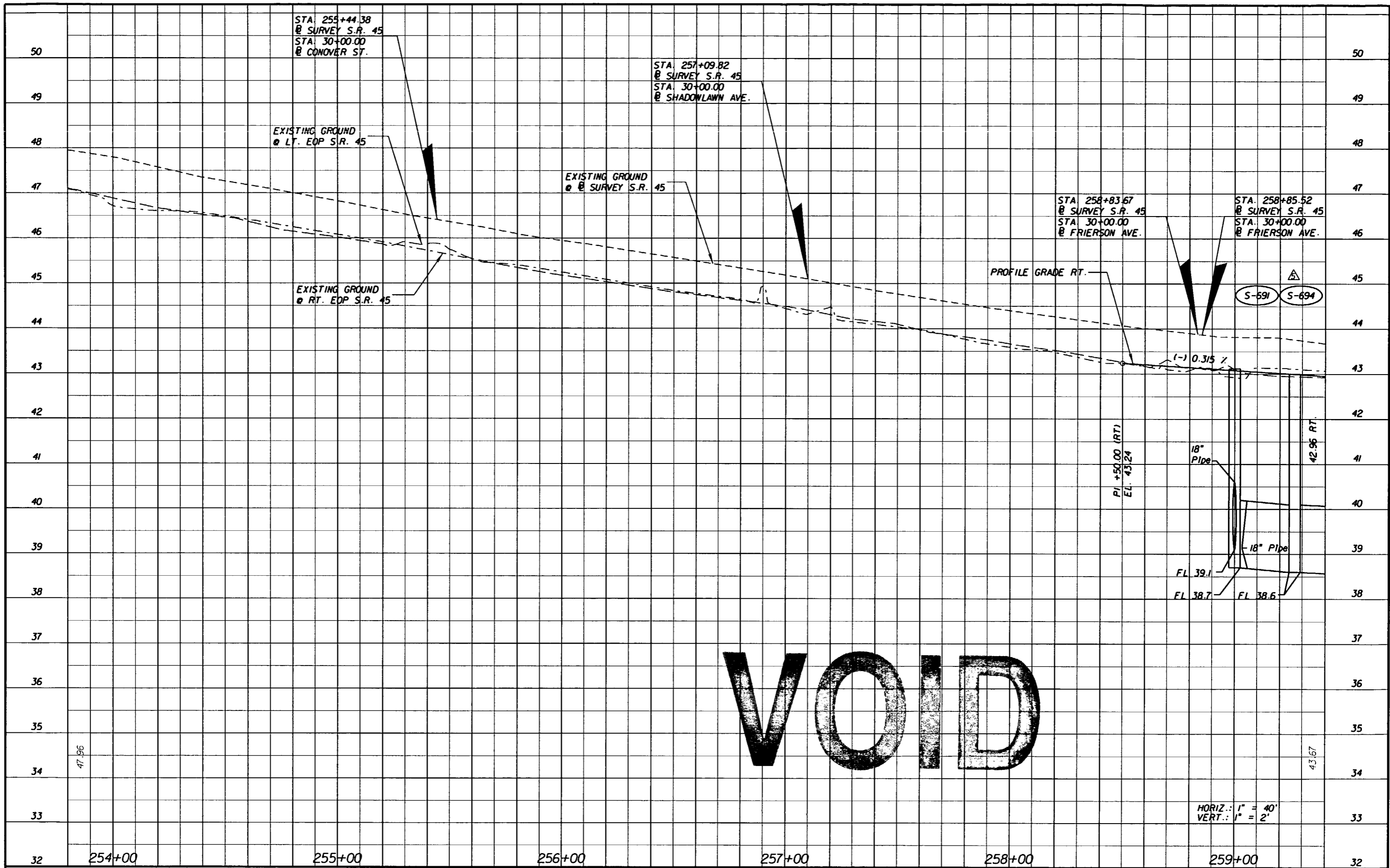
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

PROFILE SHEET  
253+80.00 TO 259+40.00

SHEET NO.  
81

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
02/27/08	MJM	△ MOVED INLET.			

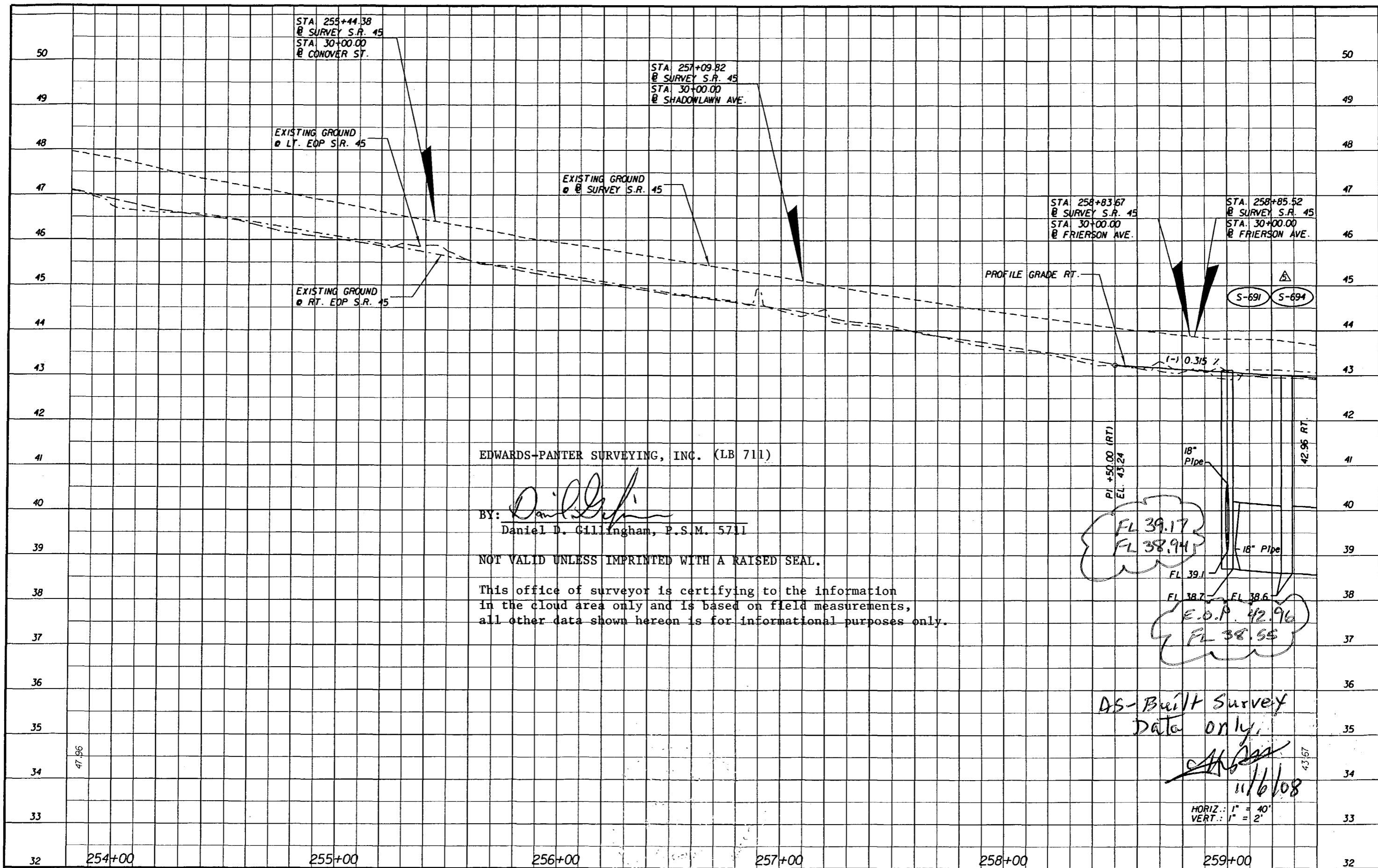
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**253+80.00 TO 259+40.00**

SHEET NO.  
 81

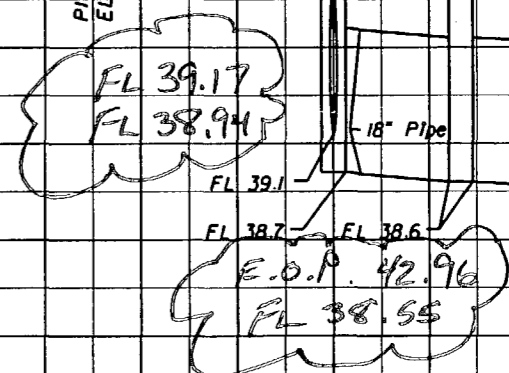
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
 Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.  
 This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.



HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
02/27/08	MJM	△ MOVED INLET.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

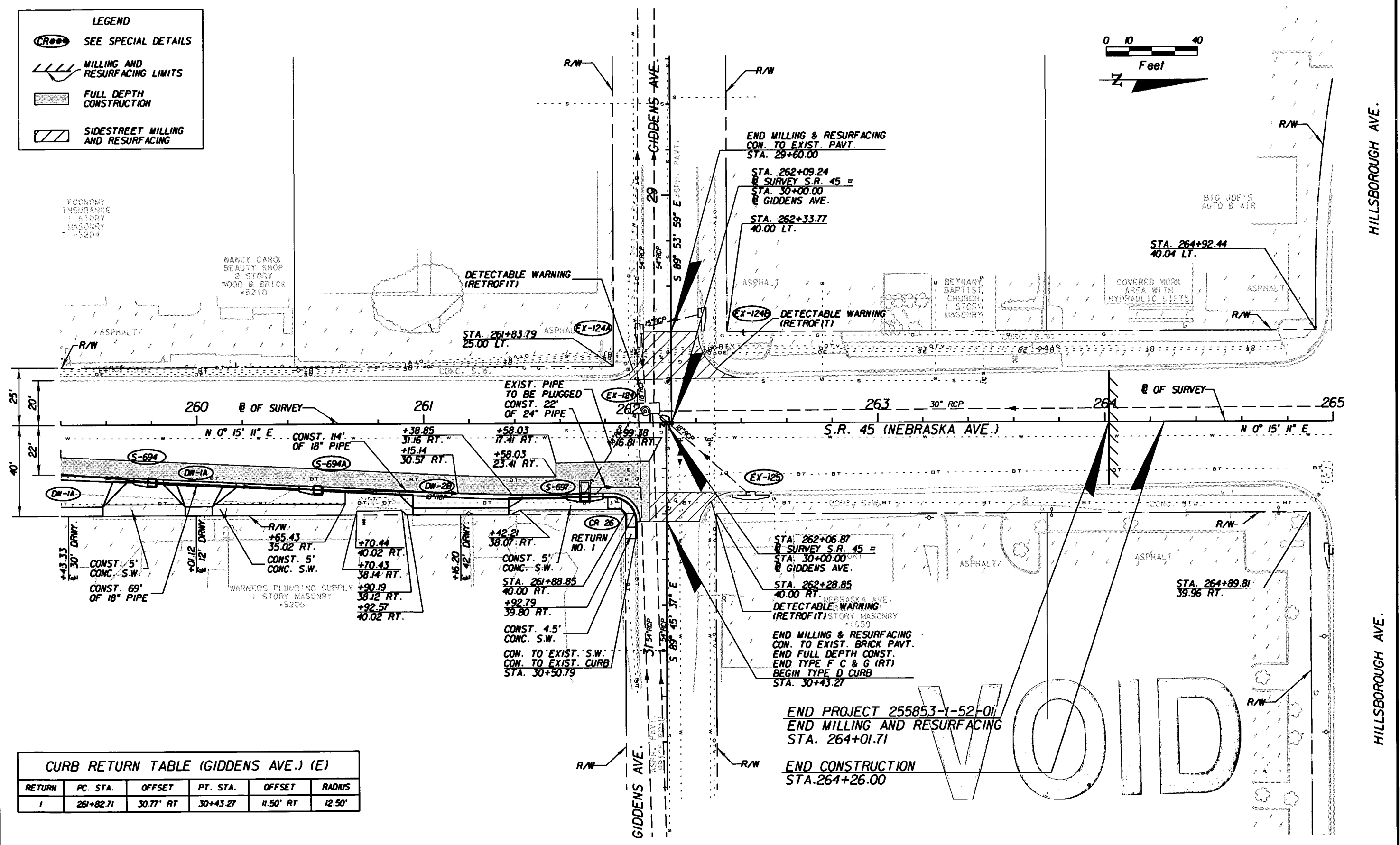
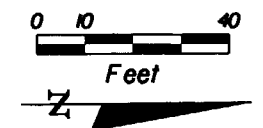
**PROFILE SHEET**  
**253+80.00 TO 259+40.00**

SHEET NO. 81

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**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING



**CURB RETURN TABLE (GIDDENS AVE.) (E)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	261+82.71	30.77' RT	30+43.27	11.50' RT	12.50'

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

**STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

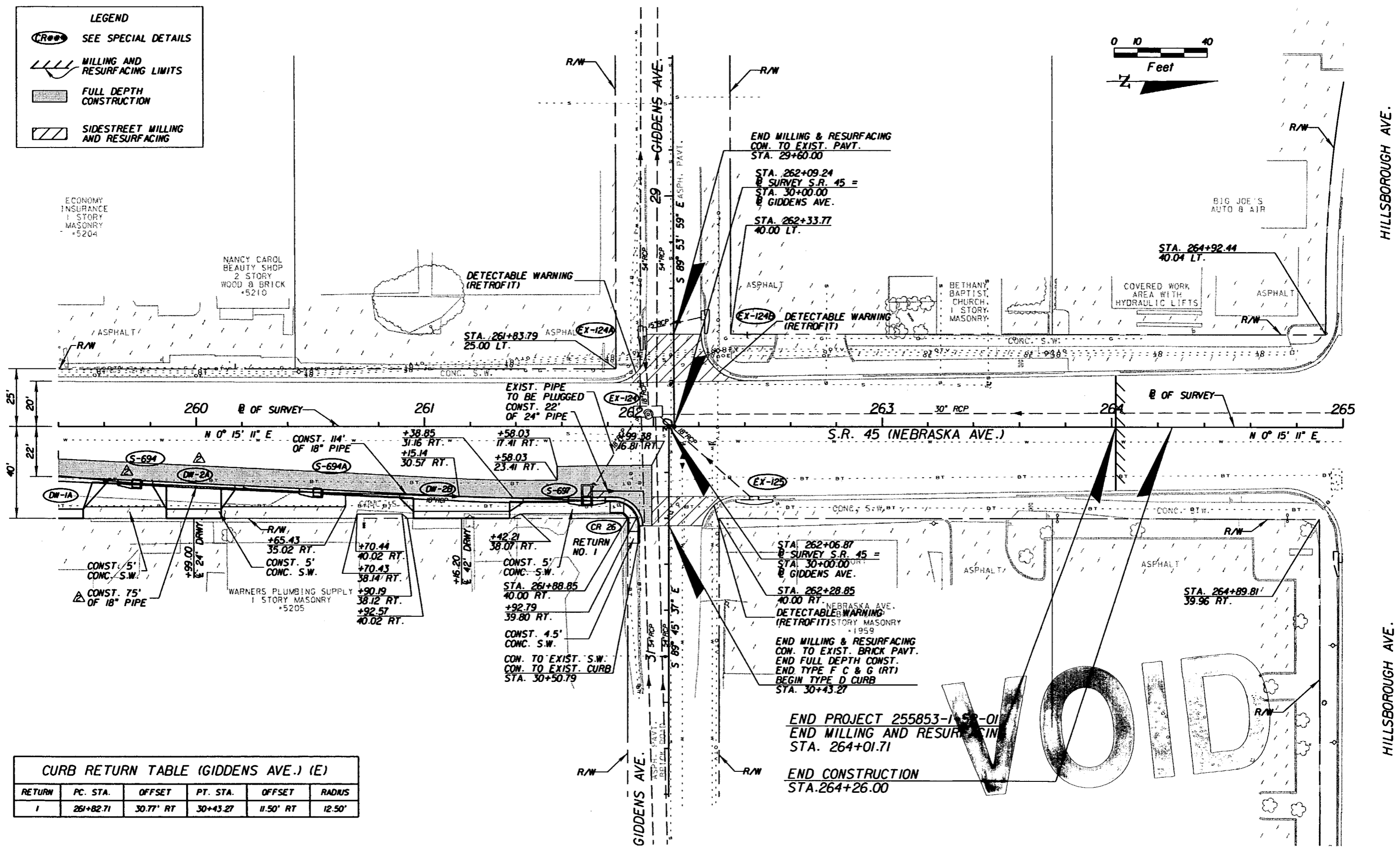
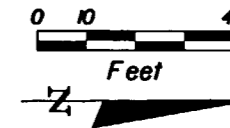
**PLAN SHEET**  
**259+40.00 TO 265+00.00**

SHEET NO. 82

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING



**CURB RETURN TABLE (GIDDENS AVE.) (E)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	261+82.71	30.77' RT	30+43.27	11.50' RT	12.50'

**VOID**

END PROJECT 255853-1-52-01  
 END MILLING AND RESURFACING IN  
 STA. 264+01.71  
 END CONSTRUCTION  
 STA. 264+26.00

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	ADJUSTED DRIVEWAY, CHANGED PIPE LENGTH, AND MOVED INLET.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

**STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**259+40.00 TO 265+00.00**

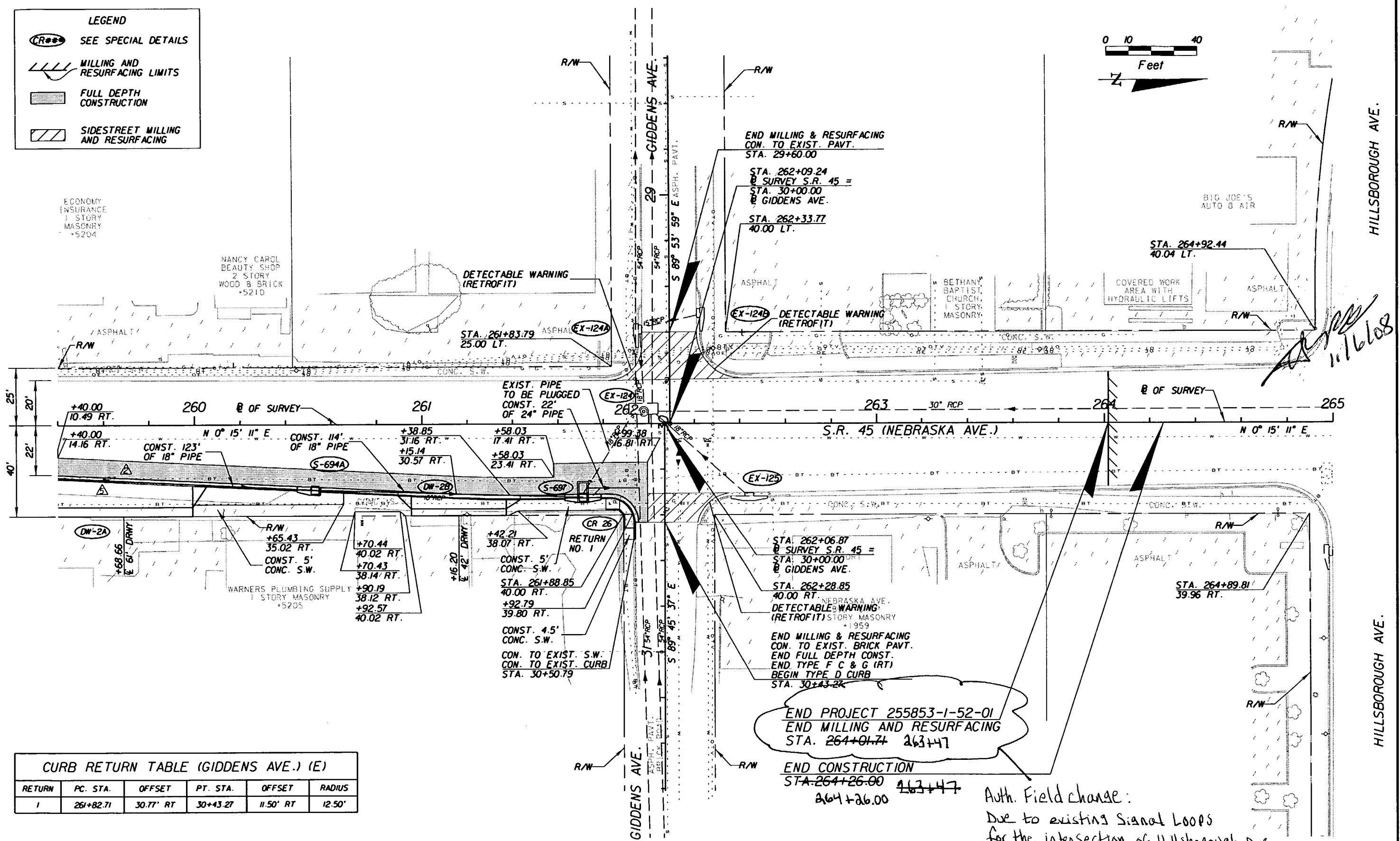
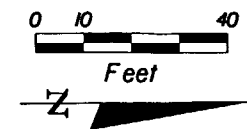
SHEET NO.  
 82

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



**LEGEND**

- CR\*\*** SEE SPECIAL DETAILS
- ////** MILLING AND RESURFACING LIMITS
- ▒** FULL DEPTH CONSTRUCTION
- ▨** SIDESTREET MILLING AND RESURFACING



**CURB RETURN TABLE (GIDDENS AVE.) (E)**

RETURN	PC. STA.	OFFSET	PT. STA.	OFFSET	RADIUS
1	261+82.71	30.77' RT	30+43.27	11.50' RT	12.50'

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	ADJUSTED DRIVEWAY, CHANGED PIPE LENGTH, AND MOVED INLET.			
02/27/08	MJM	MODIFIED DRIVEWAYS, CHANGED PIPE LENGTH, AND MOVED INLET.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

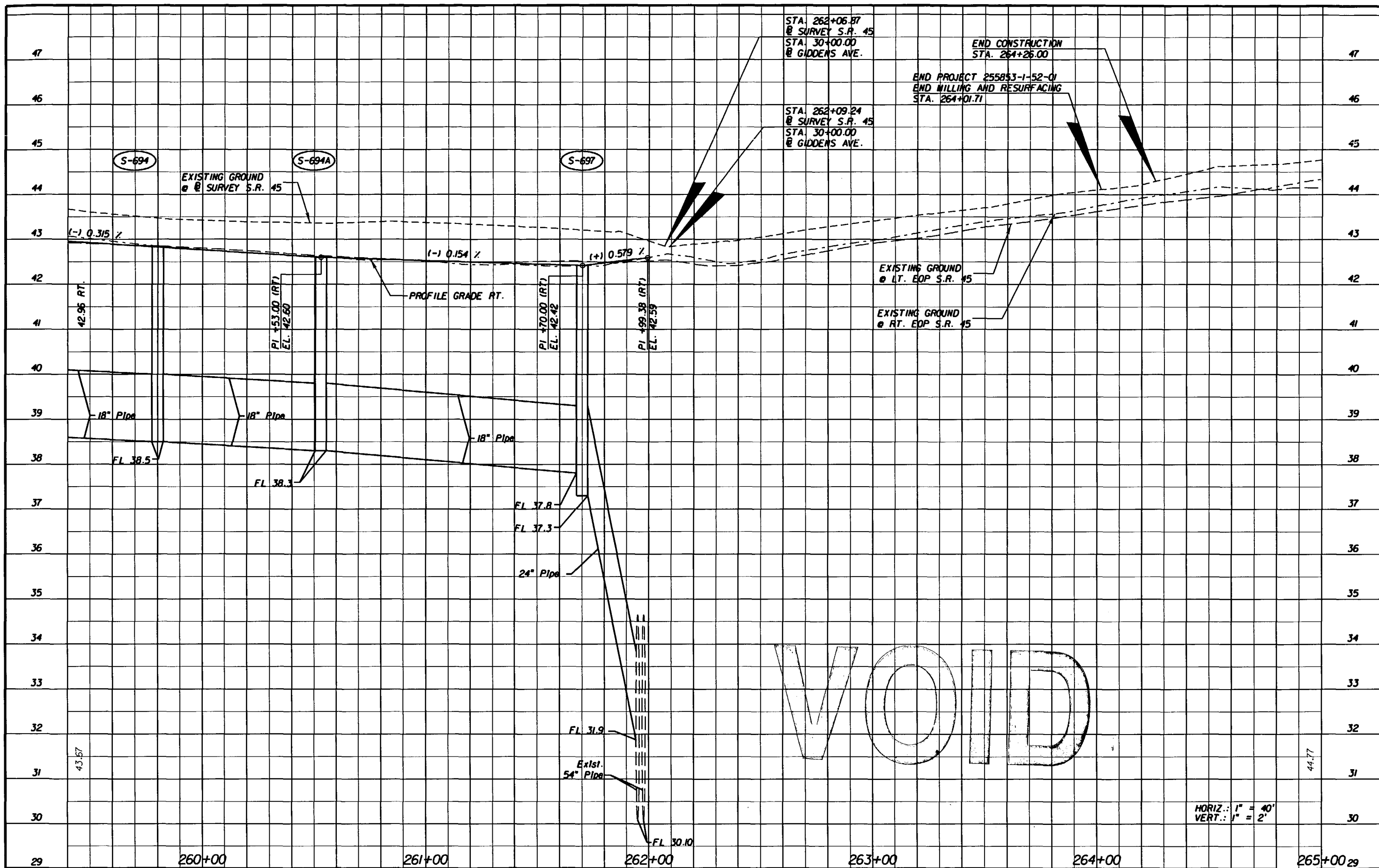
**STATE OF FLORIDA**  
**DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN SHEET**  
**259+40.00 TO 265+00.00**

SHEET NO.  
 82

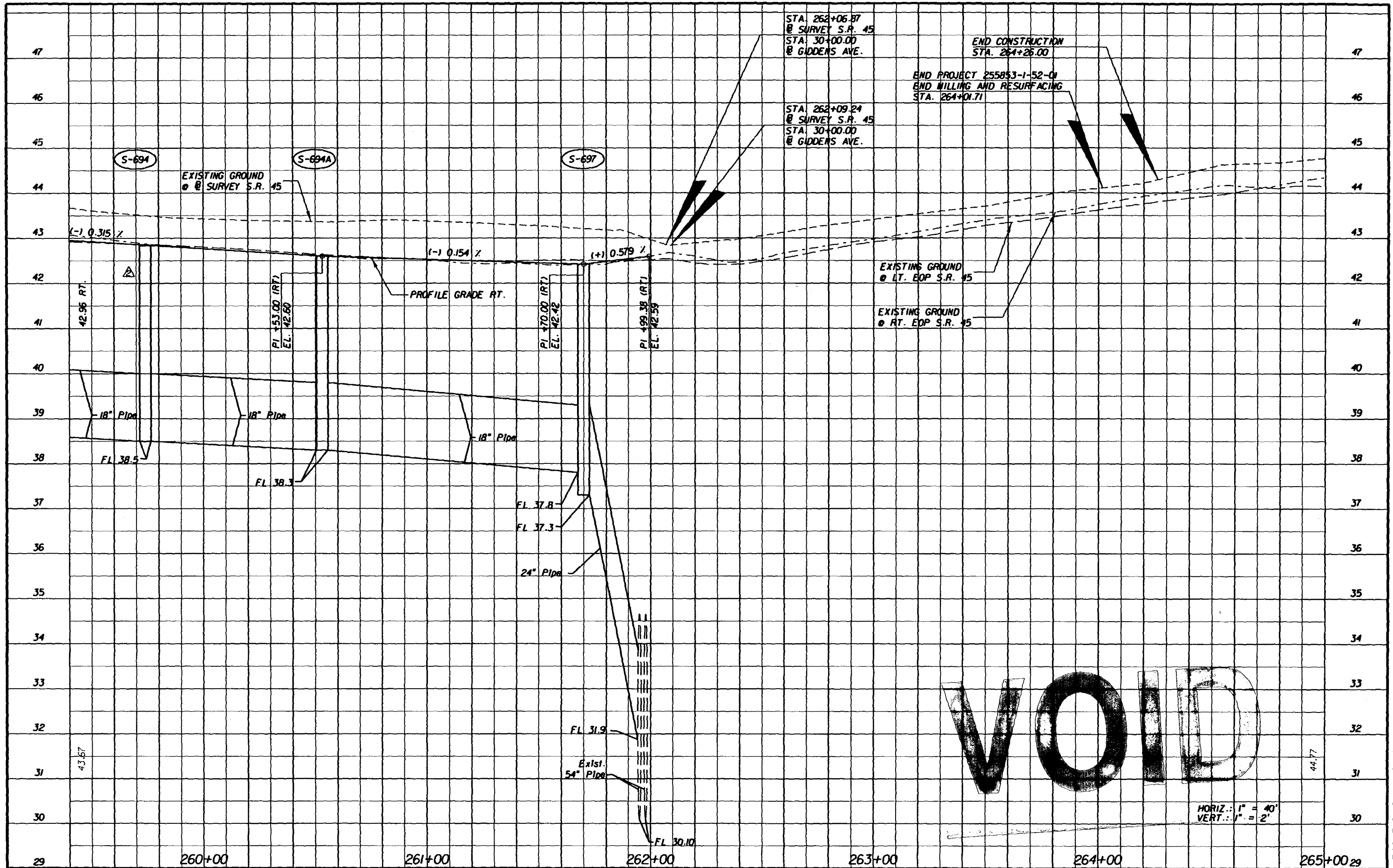
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6815-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 83
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						S.R. 45	HILLSBOROUGH	255853-1-52-01		

**PROFILE SHEET**  
**259+40.00 TO 265+00.00**

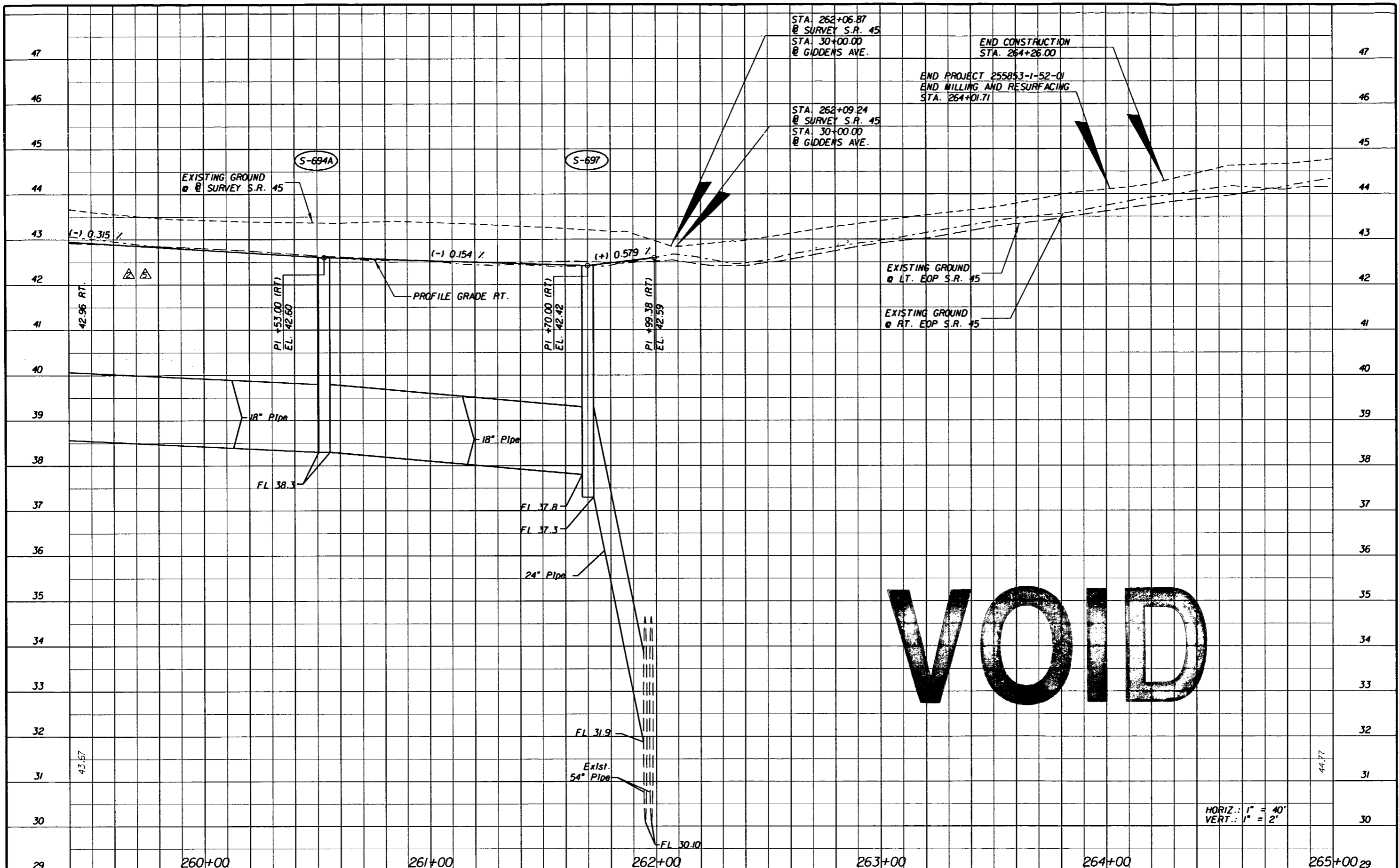


**VOID**

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROFILE SHEET</b> <b>259+00.00 TO 265+00.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		83				
07/19/07	MJM	MOVED INLET.	S.R. 45	HILLSBOROUGH	255853-1-52-01						



**VOID**

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	△ MOVED INLET.			
02/27/08	MJM	△ MOVED INLET.			

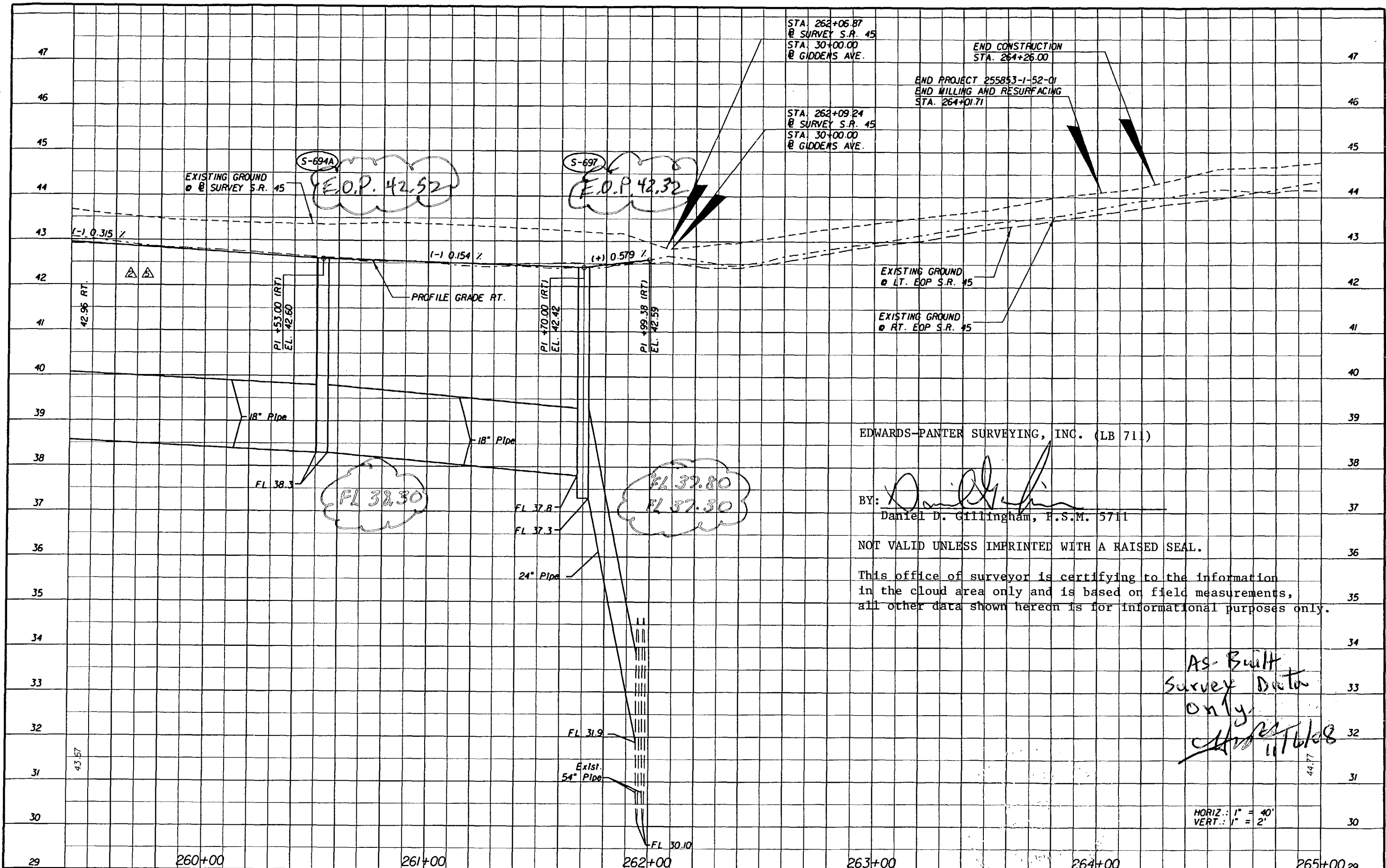
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**259+40.00 TO 265+00.00**

SHEET NO.  
83

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



STA. 262+06.87  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ GIDDENS AVE.

STA. 262+09.24  
@ SURVEY S.R. 45  
STA. 30+00.00  
@ GIDDENS AVE.

END CONSTRUCTION  
STA. 264+26.00

END PROJECT 255853-1-52-01  
END MILLING AND RESURFACING  
STA. 264+01.71

S-694A  
E.O.P. 42.52

S-697  
E.O.P. 42.32

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, F.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

AS-BUILT  
Survey Data  
Only  
*[Signature]*  
11/16/08  
44.77

HORIZ.: 1" = 40'  
VERT.: 1" = 2'

REVISIONS			
DATE	BY	DESCRIPTION	
07/19/07	MJM	△ MOVED INLET.	
02/27/08	MJM	△ MOVED INLET.	

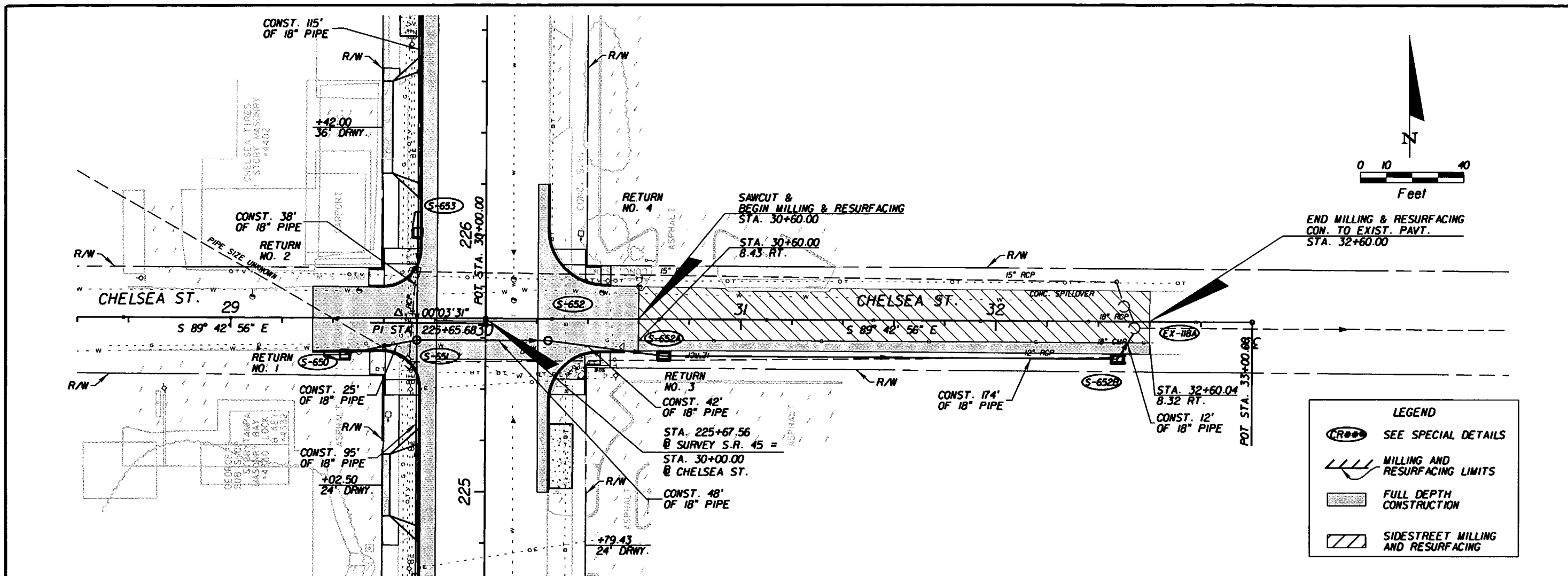
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PROFILE SHEET**  
**259+40.00 TO 265+00.00**

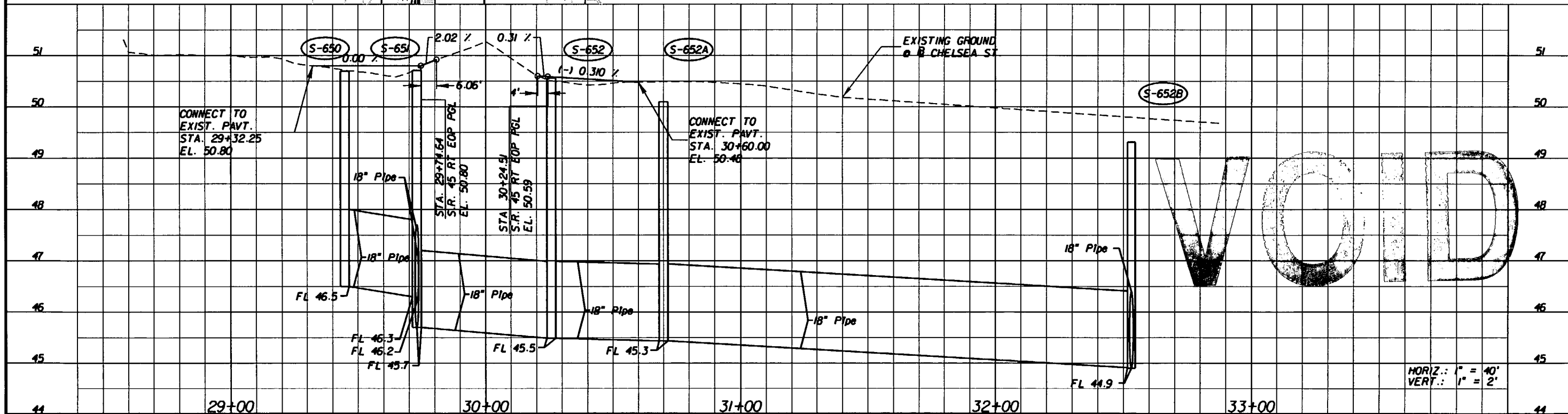
SHEET NO. 83

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



**LEGEND**

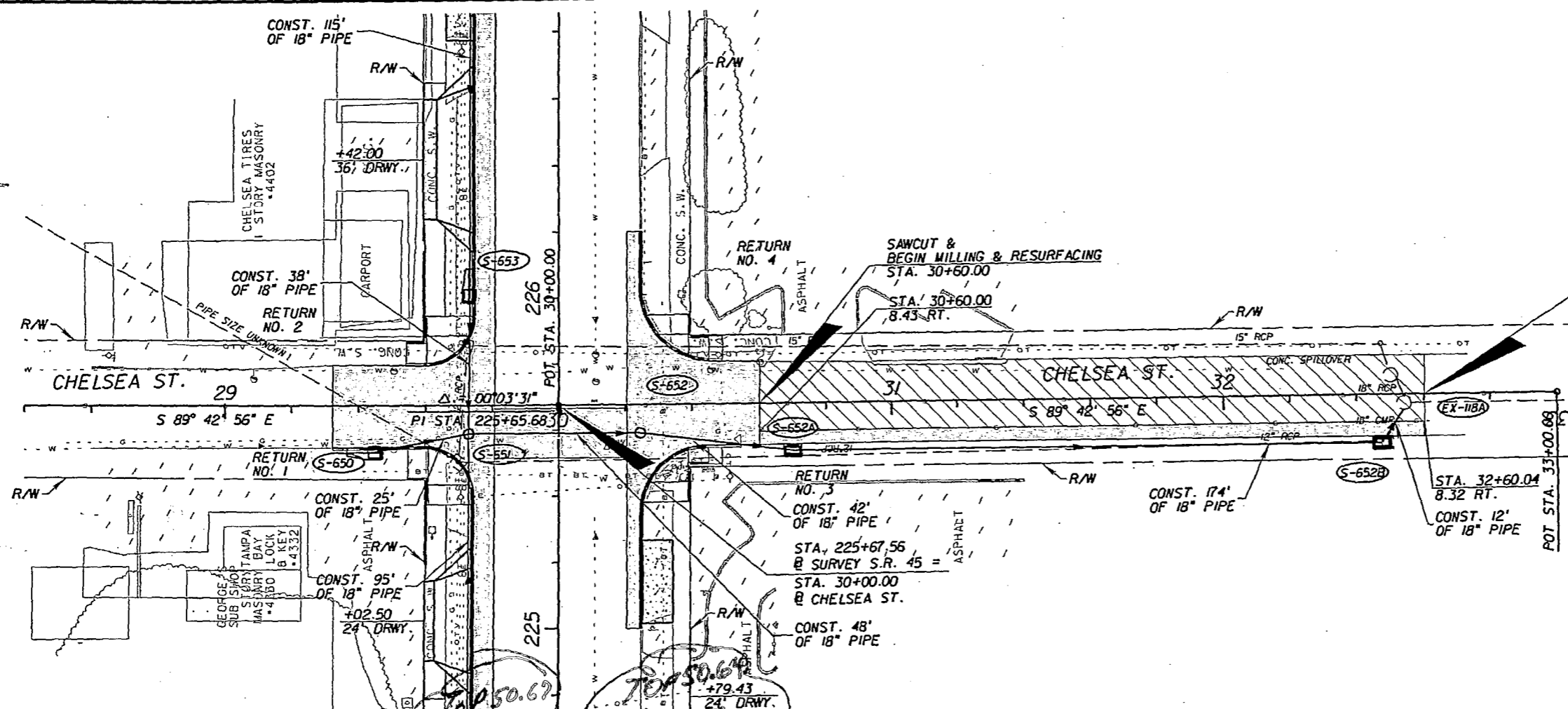
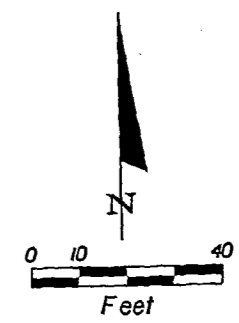
- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING



REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PLAN/PROFILE SHEET</b> <b>CHELSEA ST.</b>	SHEET NO. 84
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

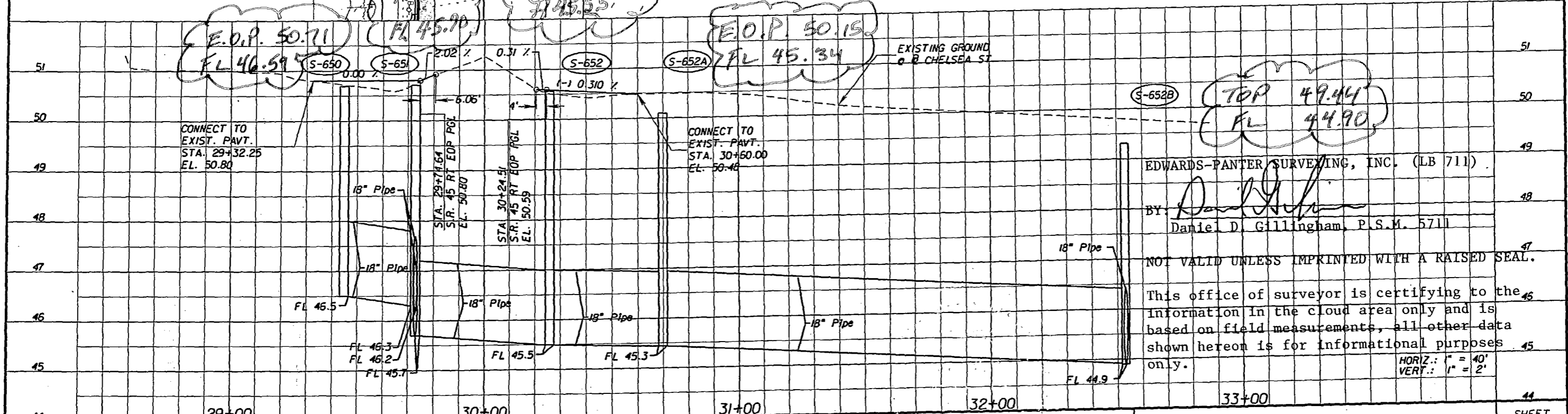
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6815-23.003, F.A.C.





**LEGEND**

- SEE SPECIAL DETAILS
- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDEWALK MILLING AND RESURFACING



EDWARDS-PANTER SURVEYING, INC. (LB 711)  
 BY: *[Signature]*  
 Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

HORIZ.: 1" = 40'  
 VERT.: 1" = 2'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

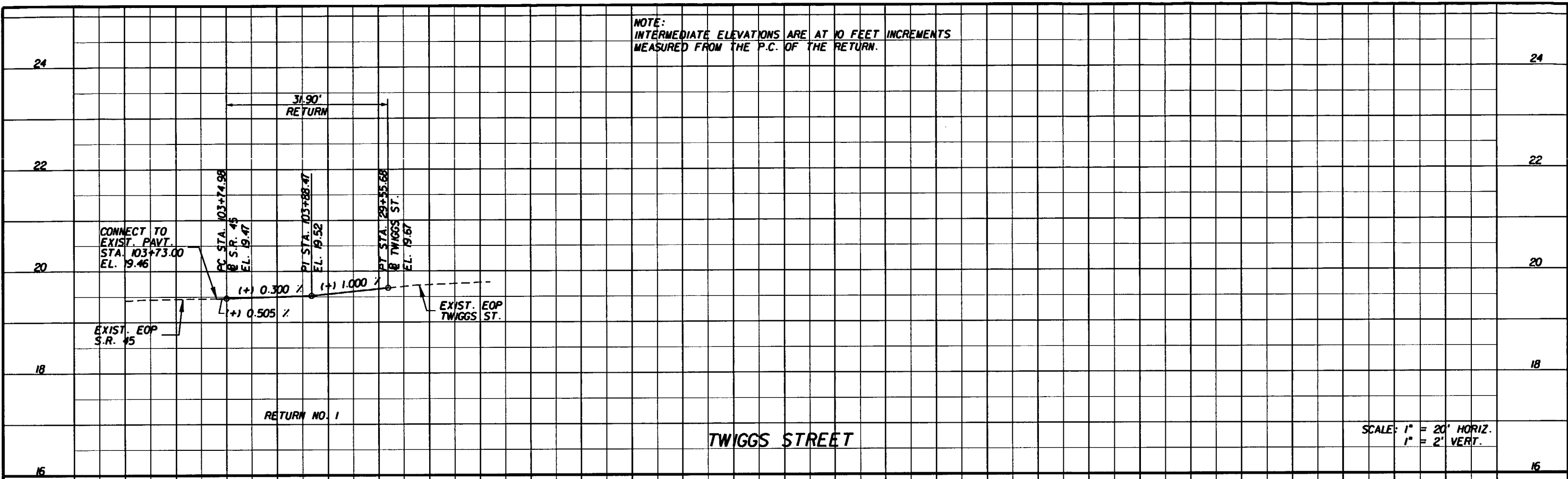
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PLAN/PROFILE SHEET**  
**CHELSEA ST.**

SHEET NO. 84

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.

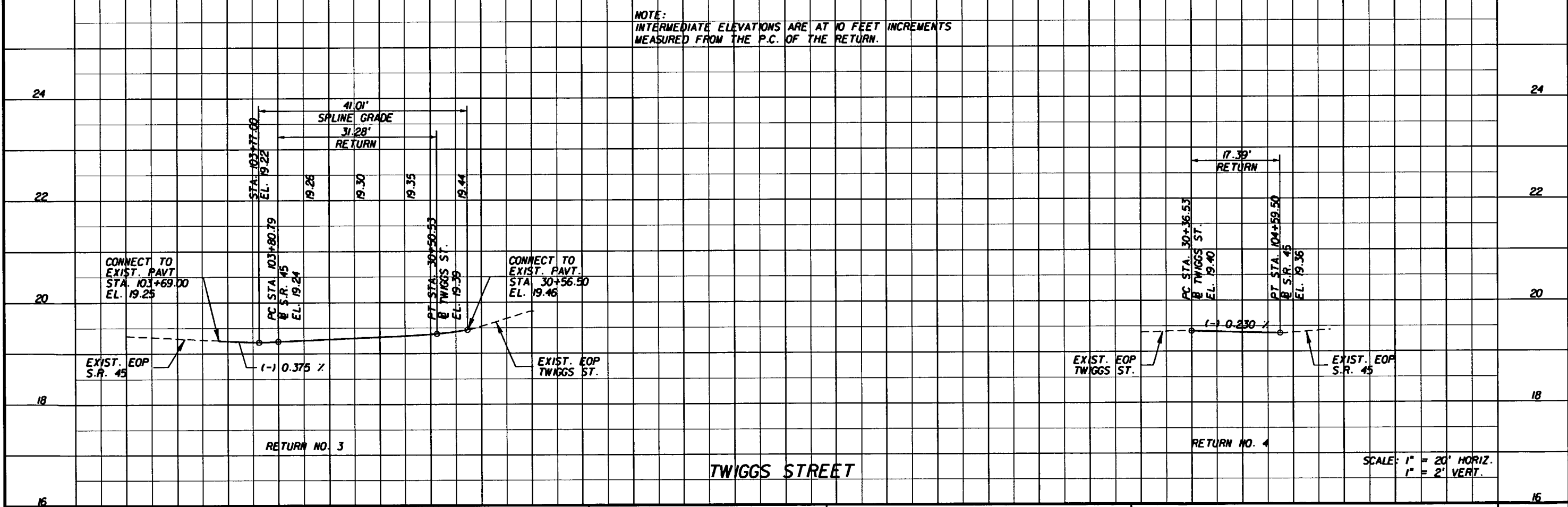


RETURN NO. 1

TWIGGS STREET

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



RETURN NO. 3

TWIGGS STREET

RETURN NO. 4

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

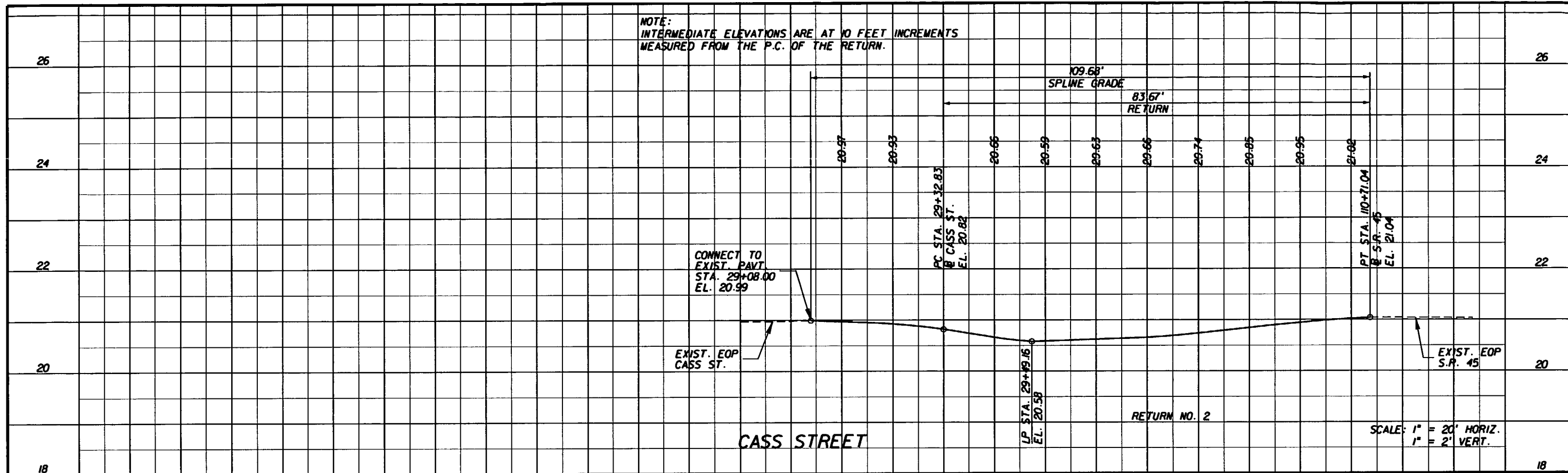
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TWIGGS ST.  
INTERSECTION PROFILES**

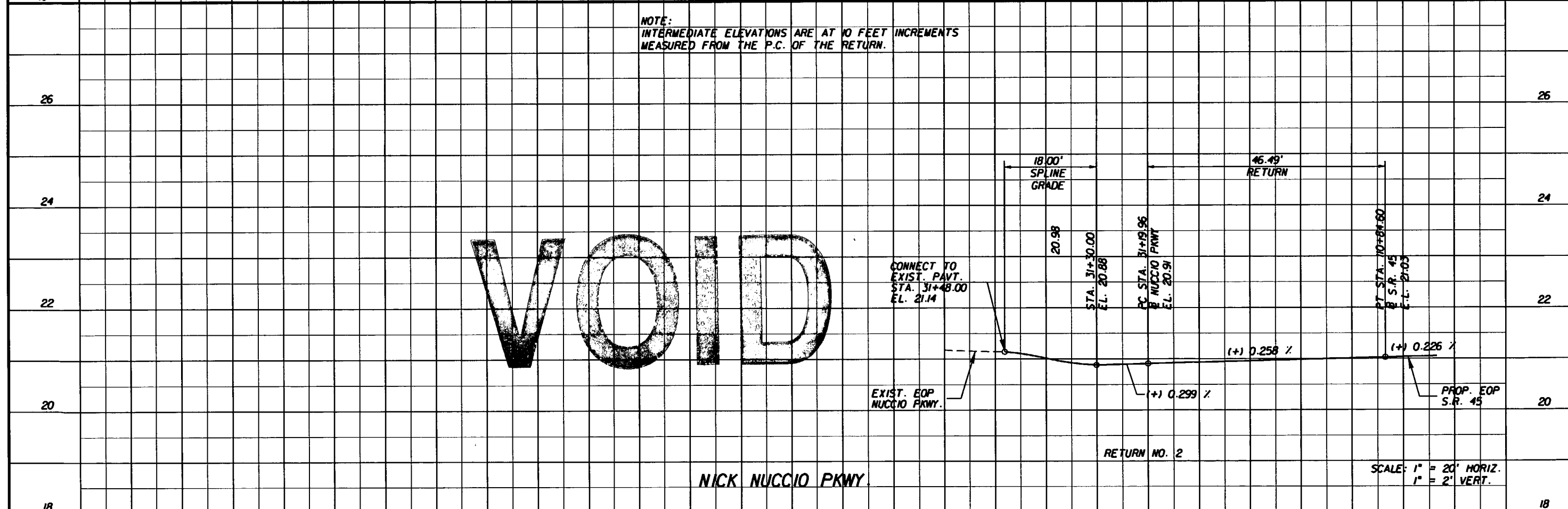
SHEET NO.  
85

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



**VOID**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

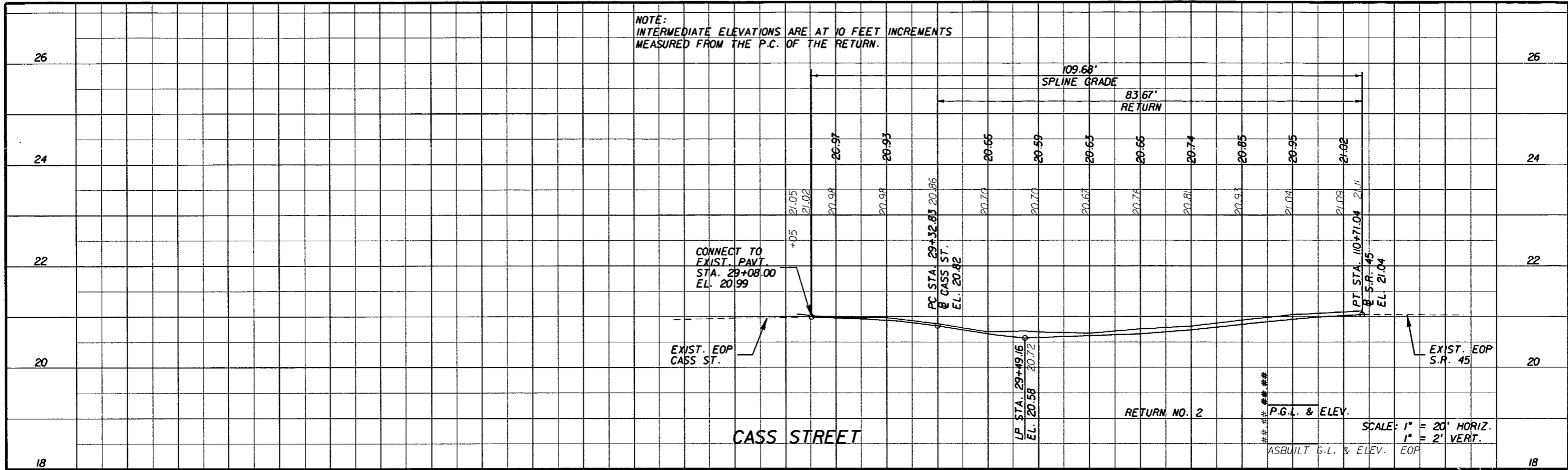
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**CASS ST. & NUCCIO PKWY.  
INTERSECTION PROFILES**

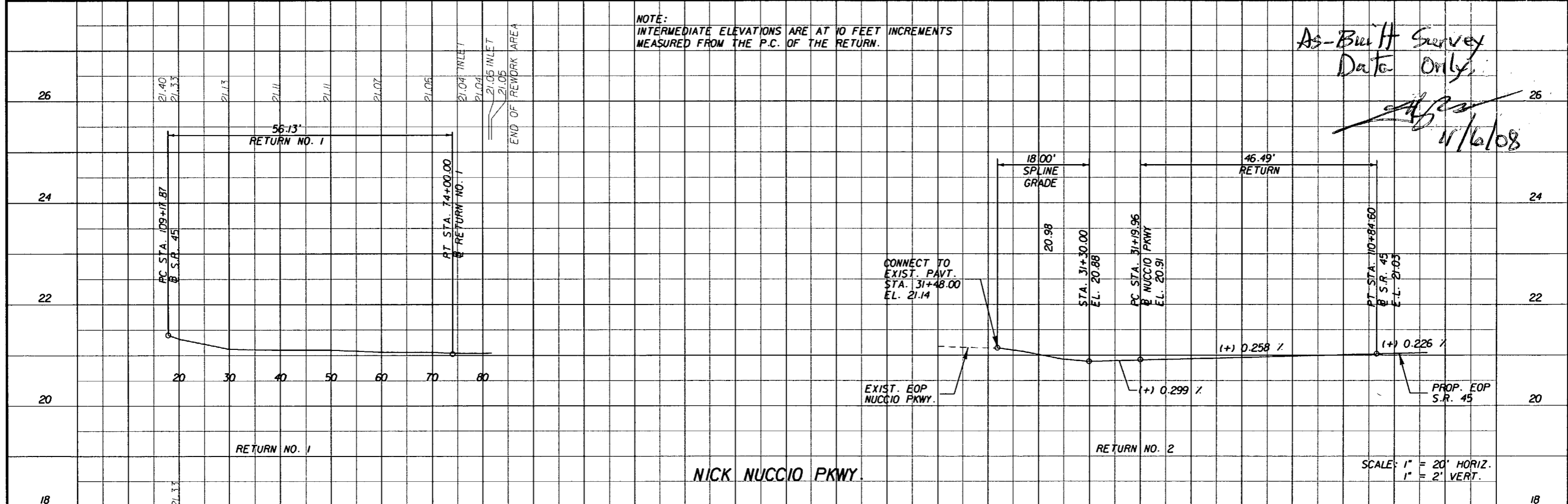
SHEET NO.  
86

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**CASS ST. & NUCCIO PKWY.  
INTERSECTION PROFILES**

SHEET NO. 86

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.

# VOID

7TH AVENUE

CONNECT TO  
EXIST. PAVT.  
STA. 29+55.82  
EL. 44.43

EXIST. EOP  
7TH AVE.

LP STA. 29+61.00  
EL. 44.34

PC STA. 29+67.32  
@ 7TH AVE.  
EL. 44.38

11.50'  
SPLINE  
GRADE

(+) 0.255 %

PT STA. 136+27.75  
@ S.R. 45  
EL. 44.42

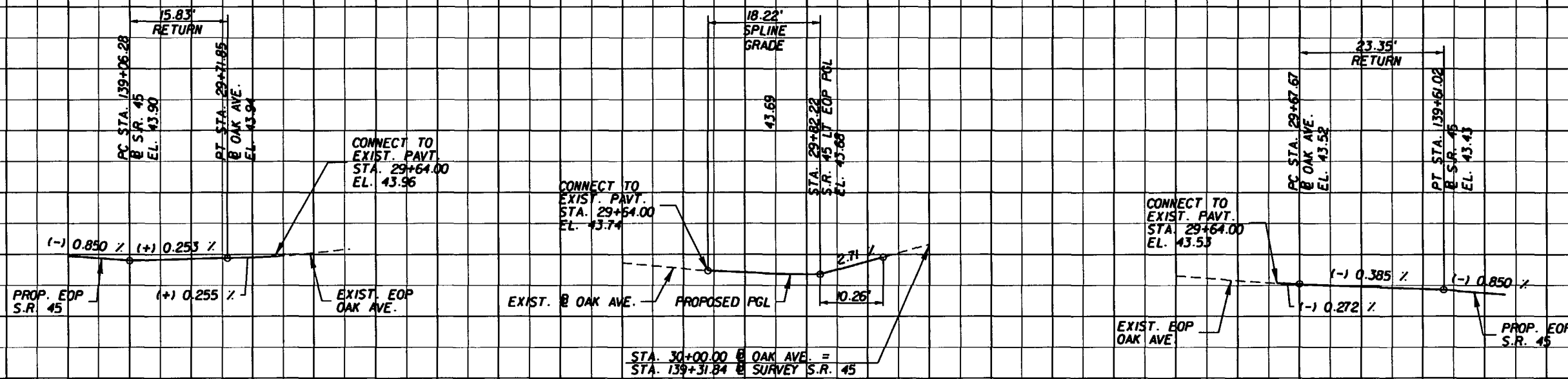
(-) 0.121 %

PROP. EOP  
S.R. 45

RETURN NO. 2

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



RETURN NO. 1

PROFILE

OAK AVENUE

RETURN NO. 2

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

DATE		BY		DESCRIPTION	

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

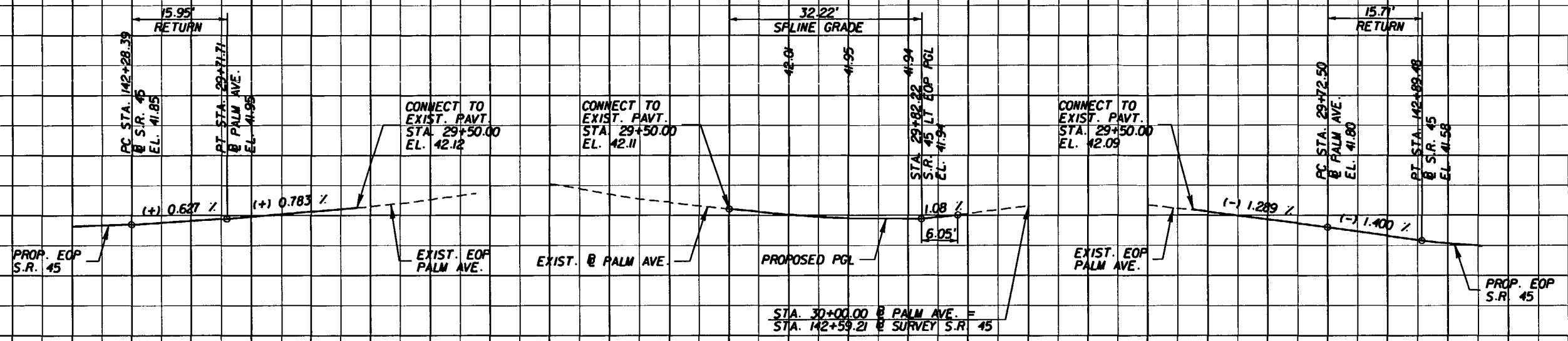
**7TH AVE. & OAK AVE.  
INTERSECTION PROFILES**

SHEET NO.

87

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G05-23.003, F.A.C.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



RETURN NO. 1

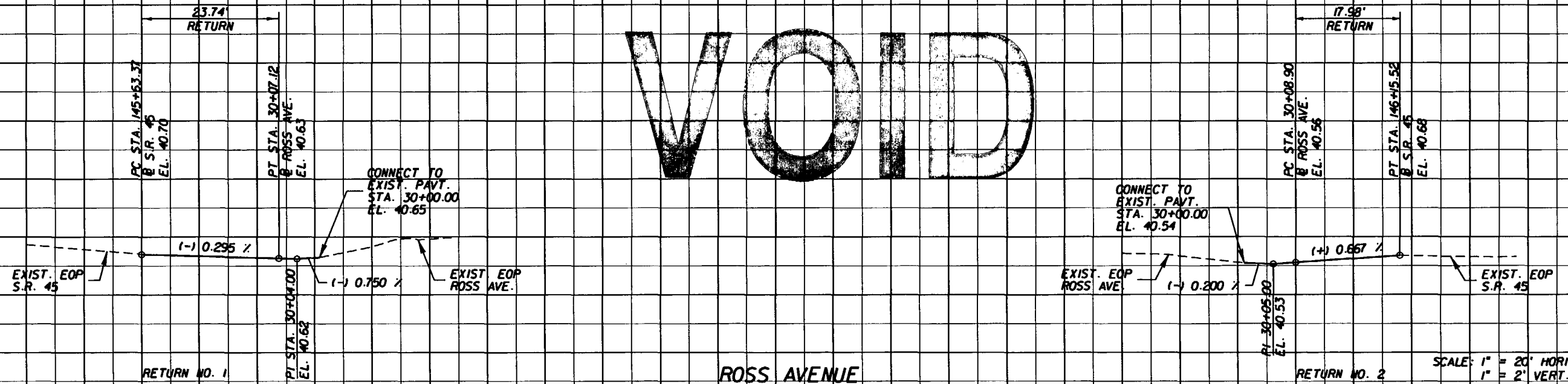
PROFILE

RETURN NO. 2

PALM AVENUE

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



RETURN NO. 1

ROSS AVENUE

RETURN NO. 2

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

**VOID**

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

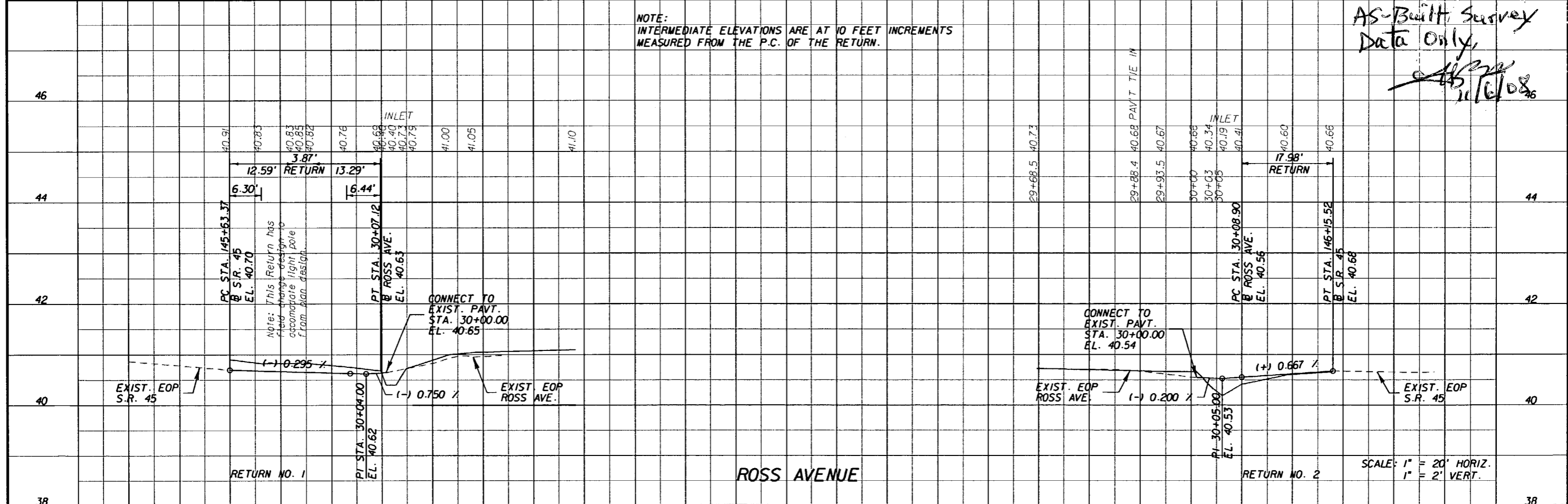
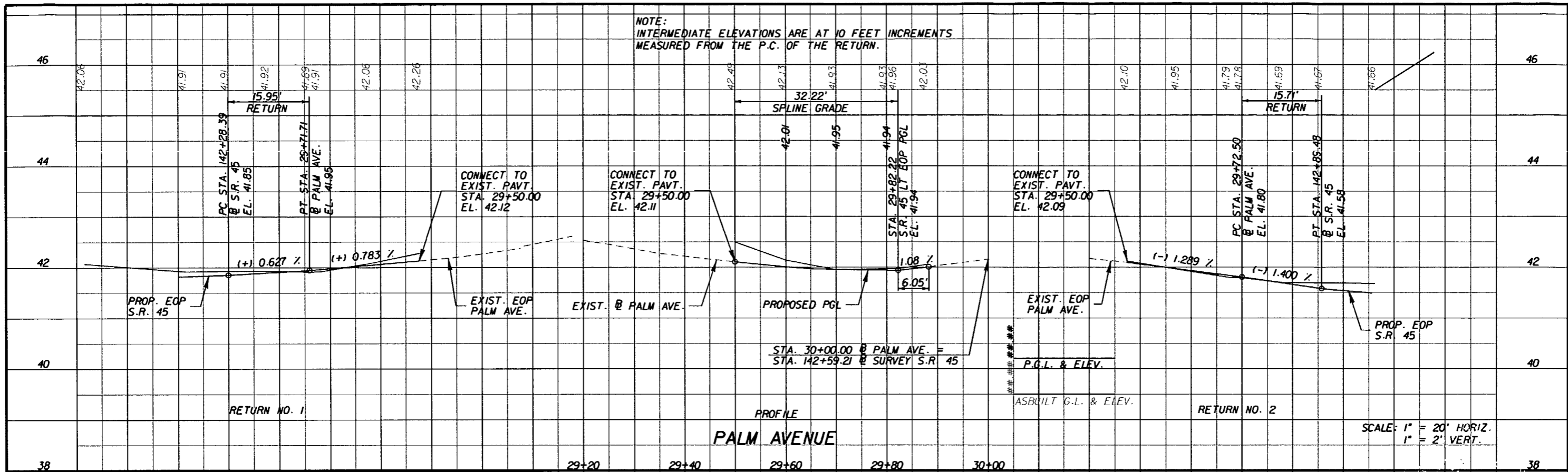
**PALM AVE. & ROSS AVE.  
INTERSECTION PROFILES**

SHEET NO.

88

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.





REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**PALM AVE. & ROSS AVE.  
INTERSECTION PROFILES**

SHEET NO. 88

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.

# VOID

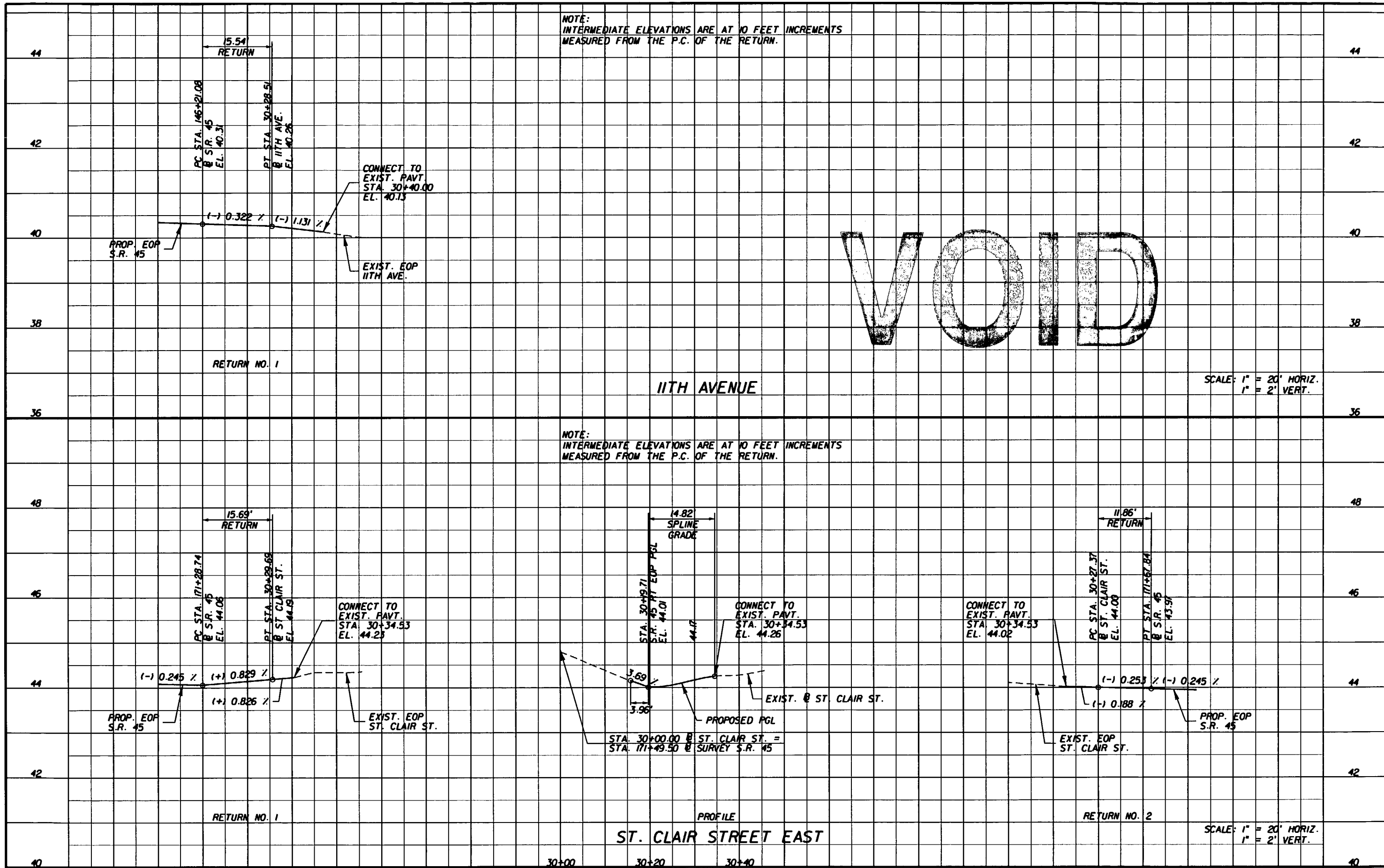
## IITH AVENUE

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.

## ST. CLAIR STREET EAST

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

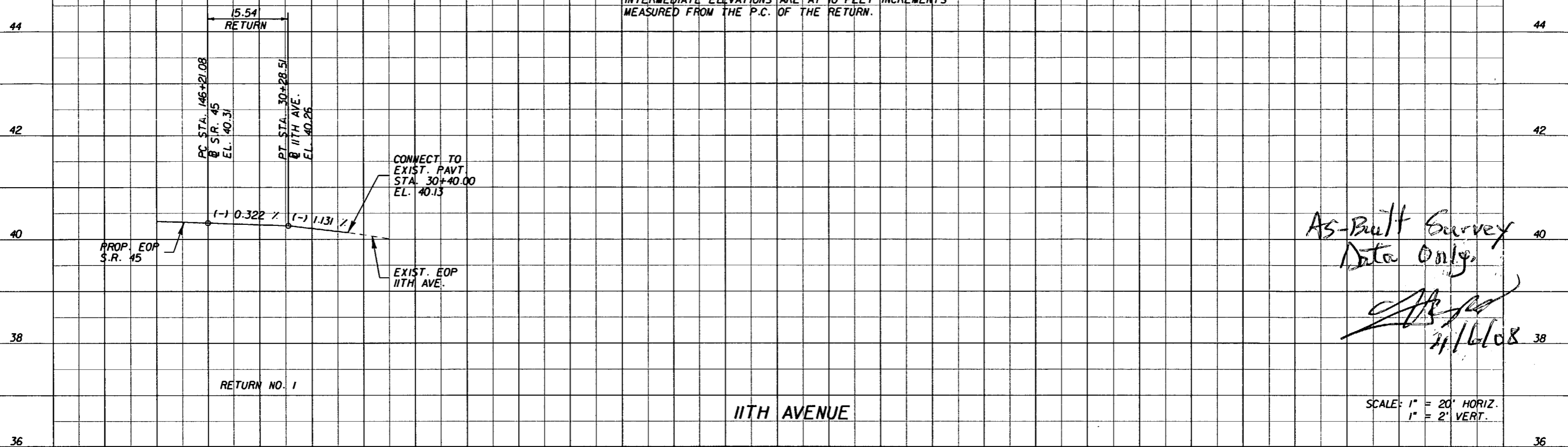
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**IITH AVE. & ST. CLAIR ST  
INTERSECTION PROFILES**

SHEET NO.  
89

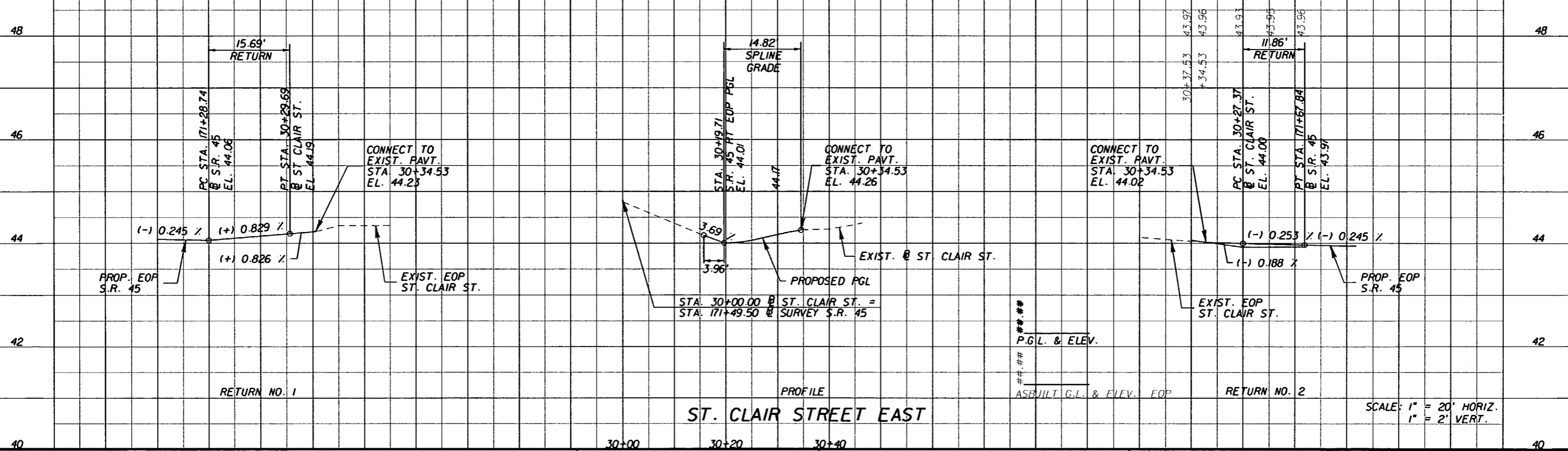
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



AS-Built Survey  
Data Only.  
*[Signature]*  
11/6/08

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



\*\*\*  
P.G.L. & ELEV.  
##  
##  
##  
AS-BUILT G.L. & ELEV. EOP

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

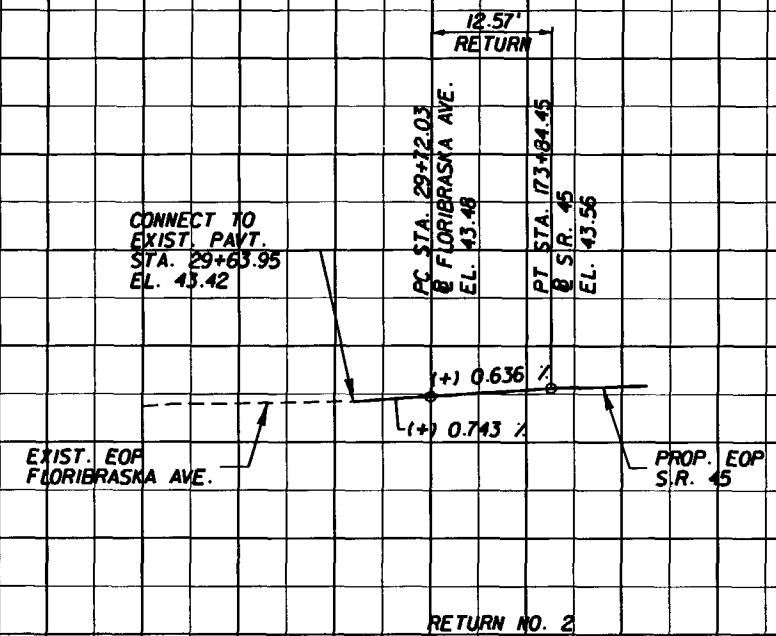
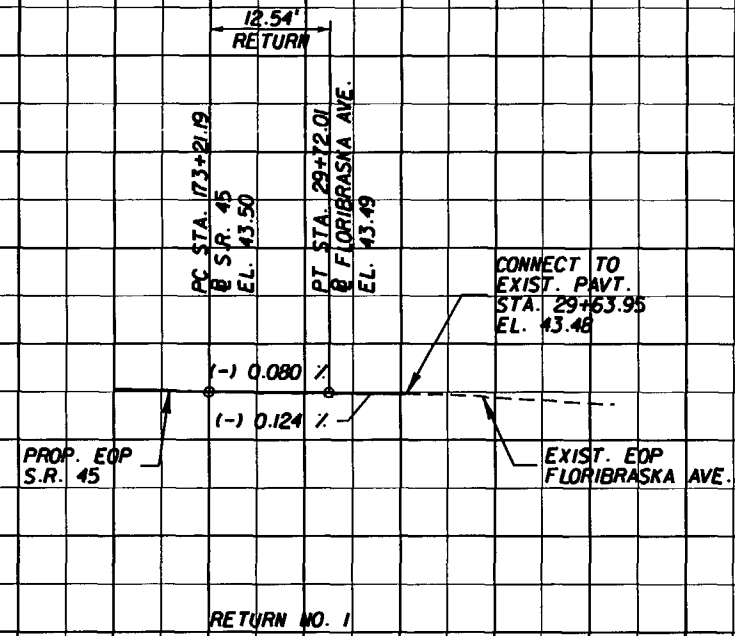
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**I1TH AVE. & ST. CLAIR ST  
INTERSECTION PROFILES**

SHEET NO.  
89

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-83.003, F.A.C.

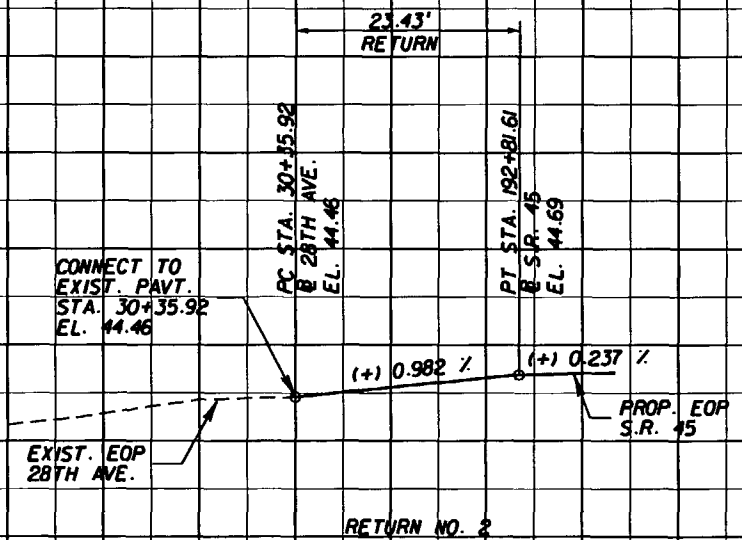
NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



FLORIBRASKA AVENUE

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



28TH AVENUE

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

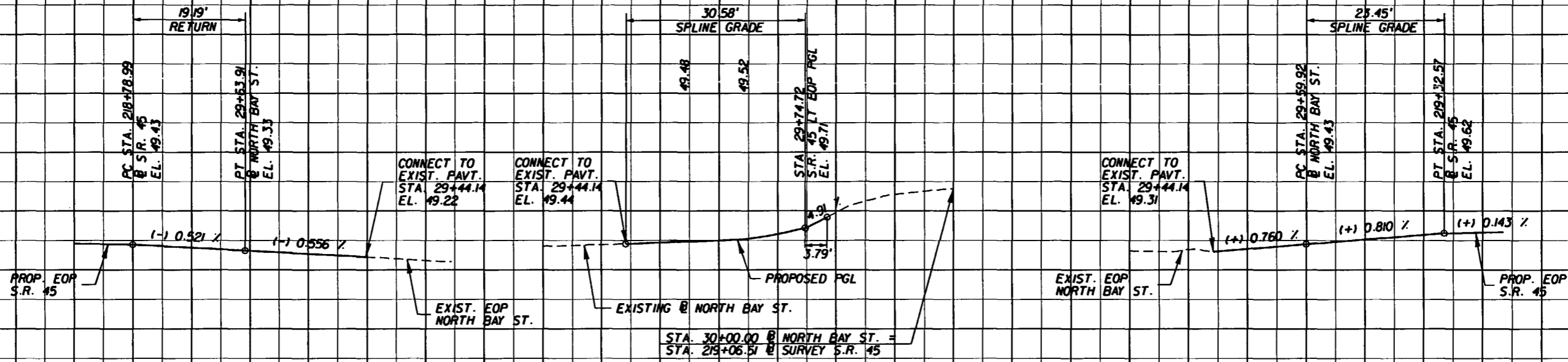
FLORIBRASKA & 28TH AVE.  
INTERSECTION PROFILES

SHEET NO.

90

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

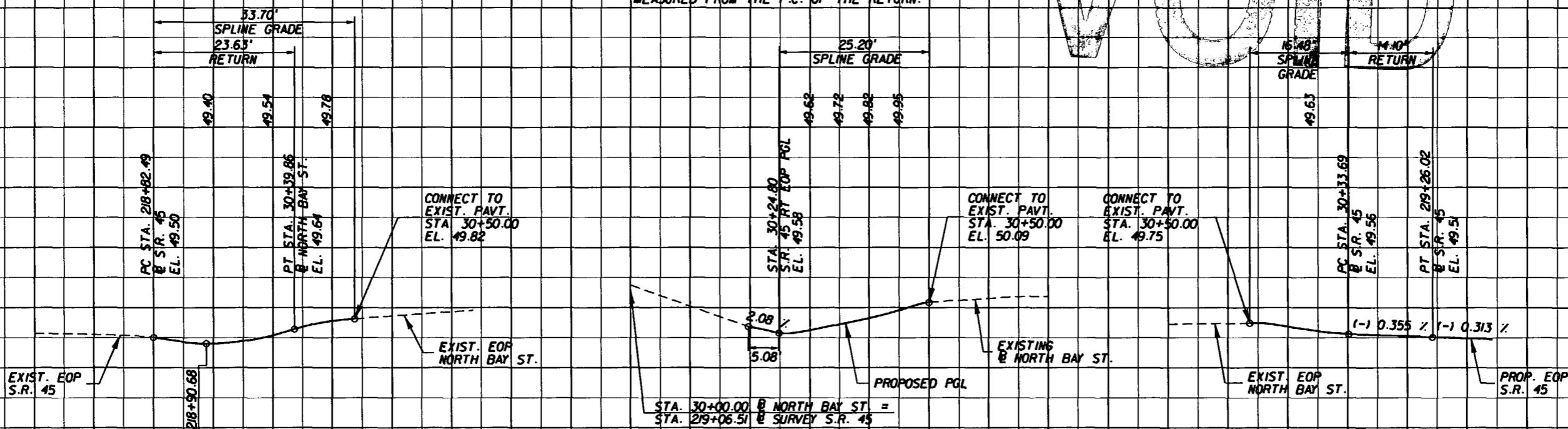
NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



**NORTH BAY STREET**

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



**NORTH BAY STREET**

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

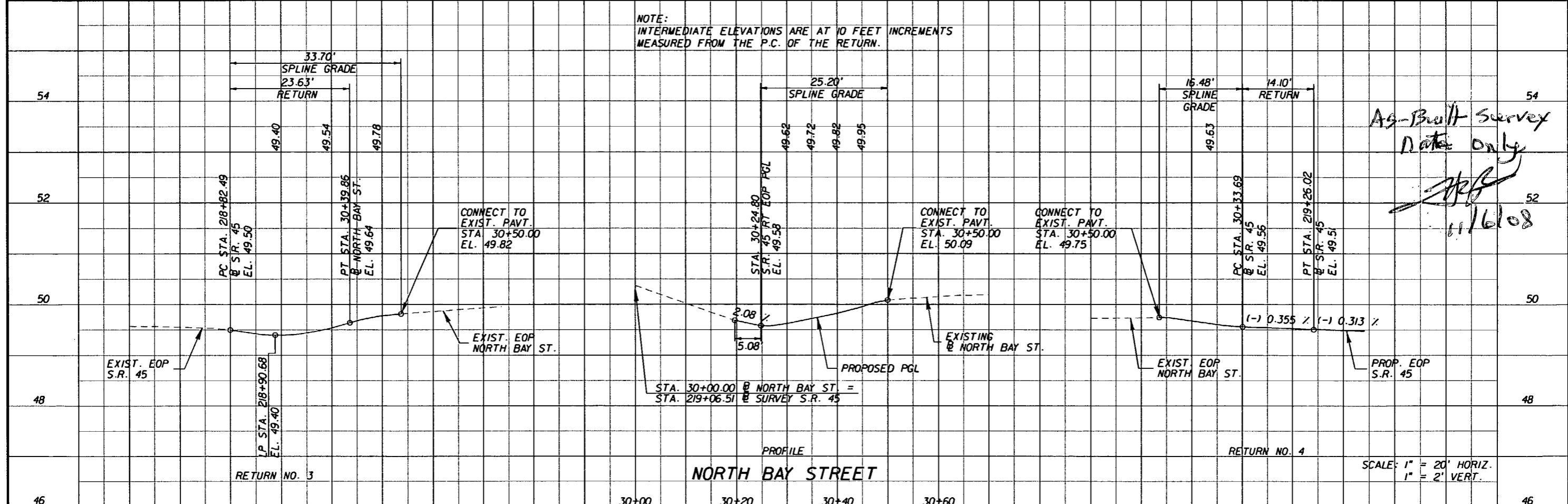
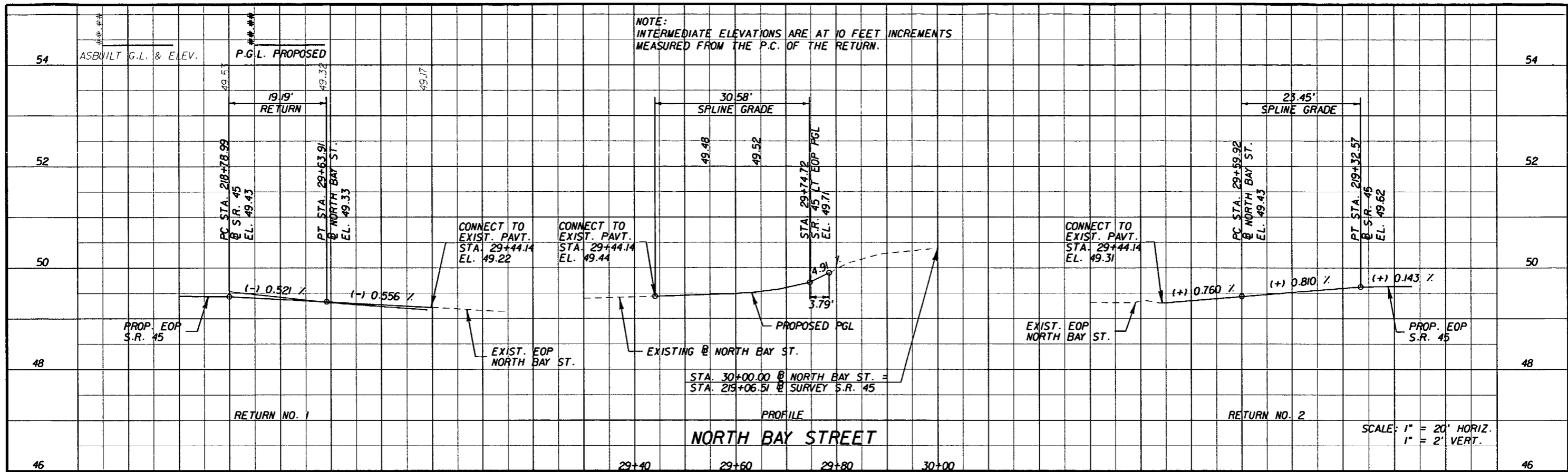
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**NORTH BAY ST.  
INTERSECTION PROFILES**

SHEET NO.  
91

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60G05-23.003, F.A.C.

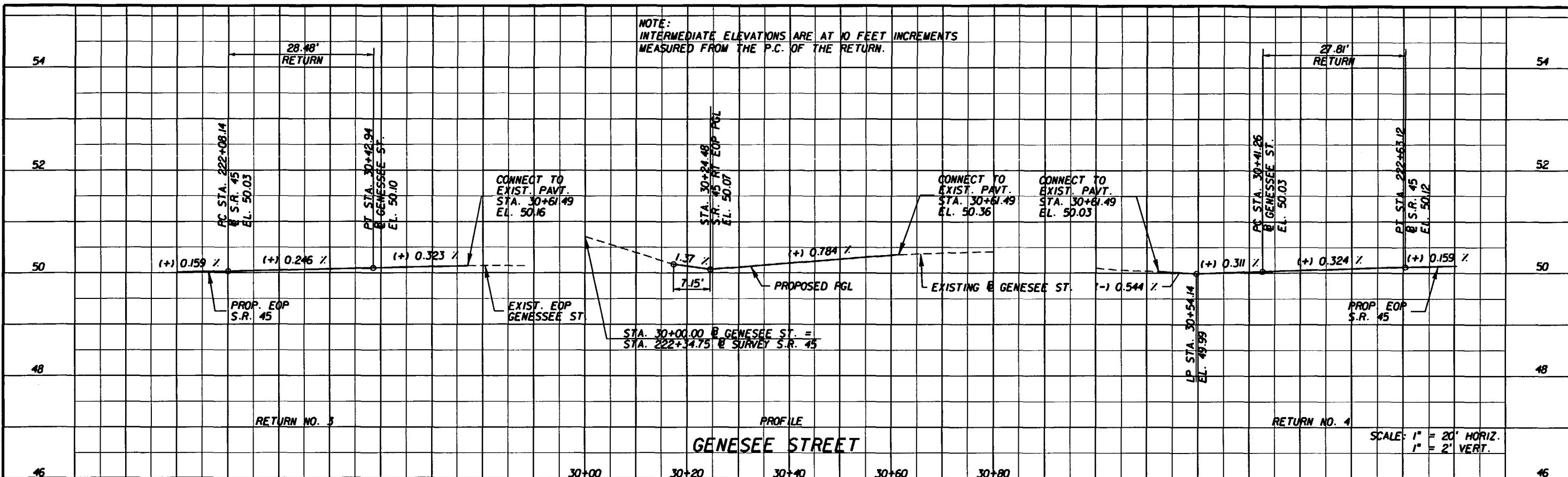


REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NORTH BAY ST. INTERSECTION PROFILES	SHEET NO. 91
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



RETURN NO. 3

PROFILE

RETURN NO. 4

GENESEE STREET

SCALE: 1" = 20' HORIZ.  
1" = 2' VERT.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

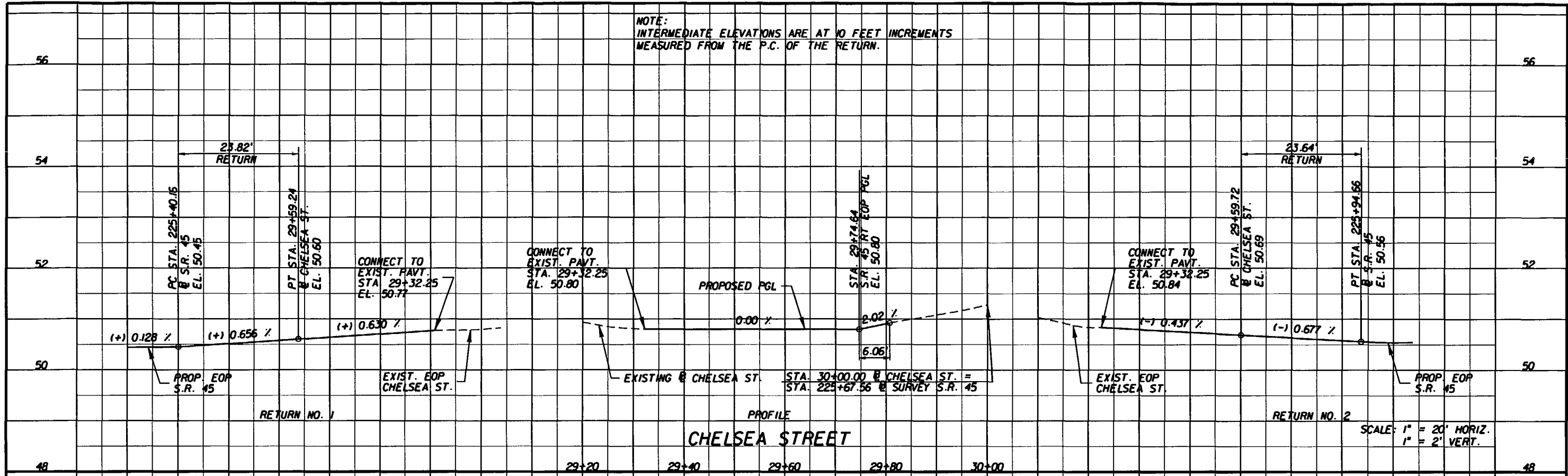
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

GENESEE ST.  
INTERSECTION PROFILES

SHEET NO.  
92

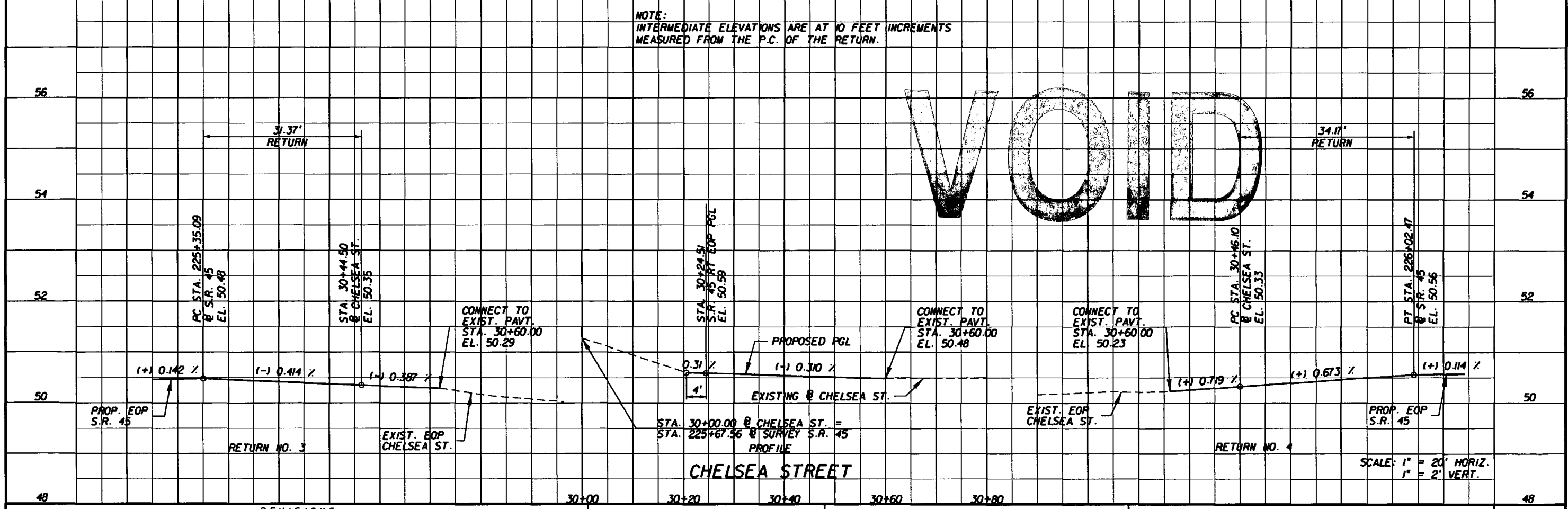
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.

**VOID**



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

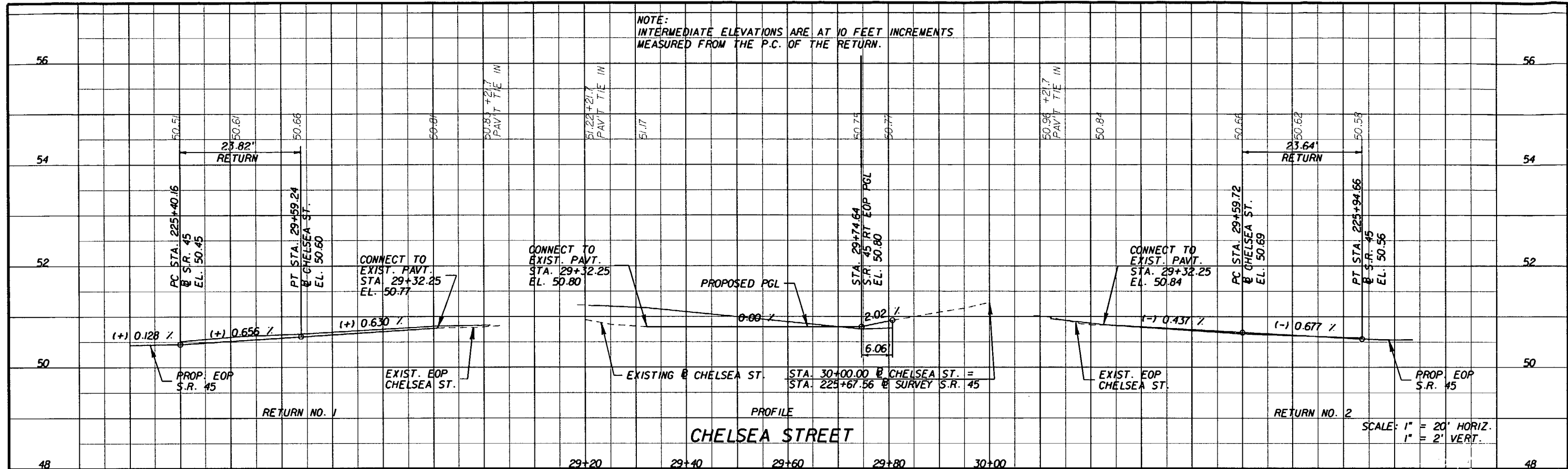
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**CHELSEA ST.**  
**INTERSECTION PROFILES**

SHEET NO.  
93

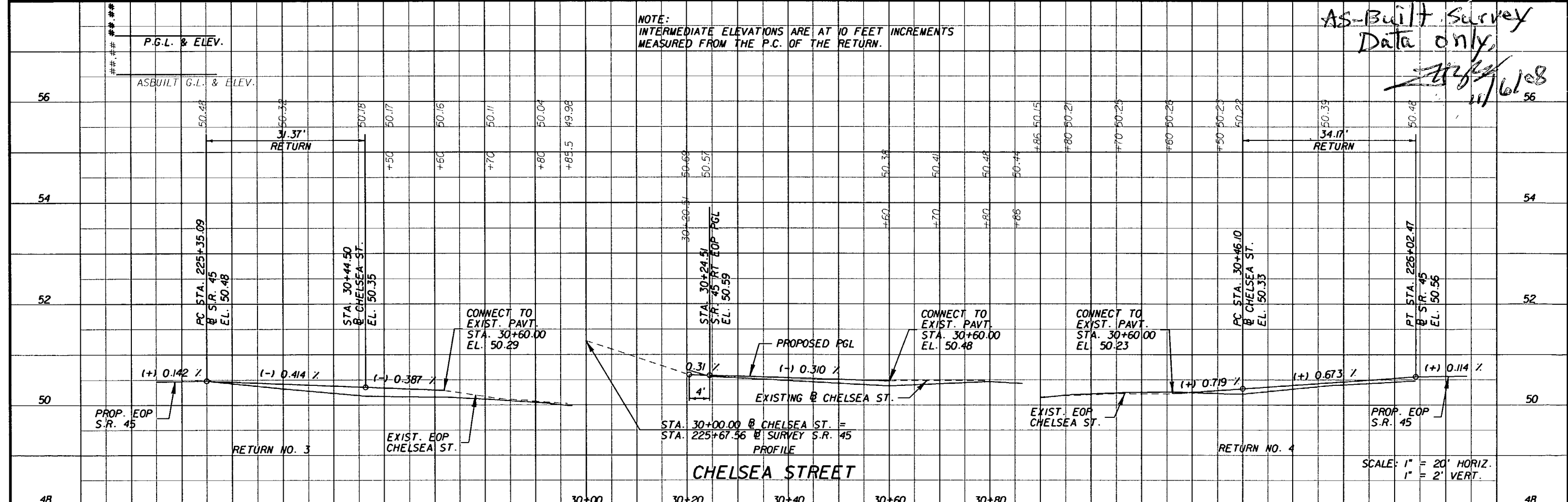
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



**CHELSEA STREET**

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



**CHELSEA STREET**

*AS-Built Survey Data only*  
*[Signature]*  
*11/6/08*

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

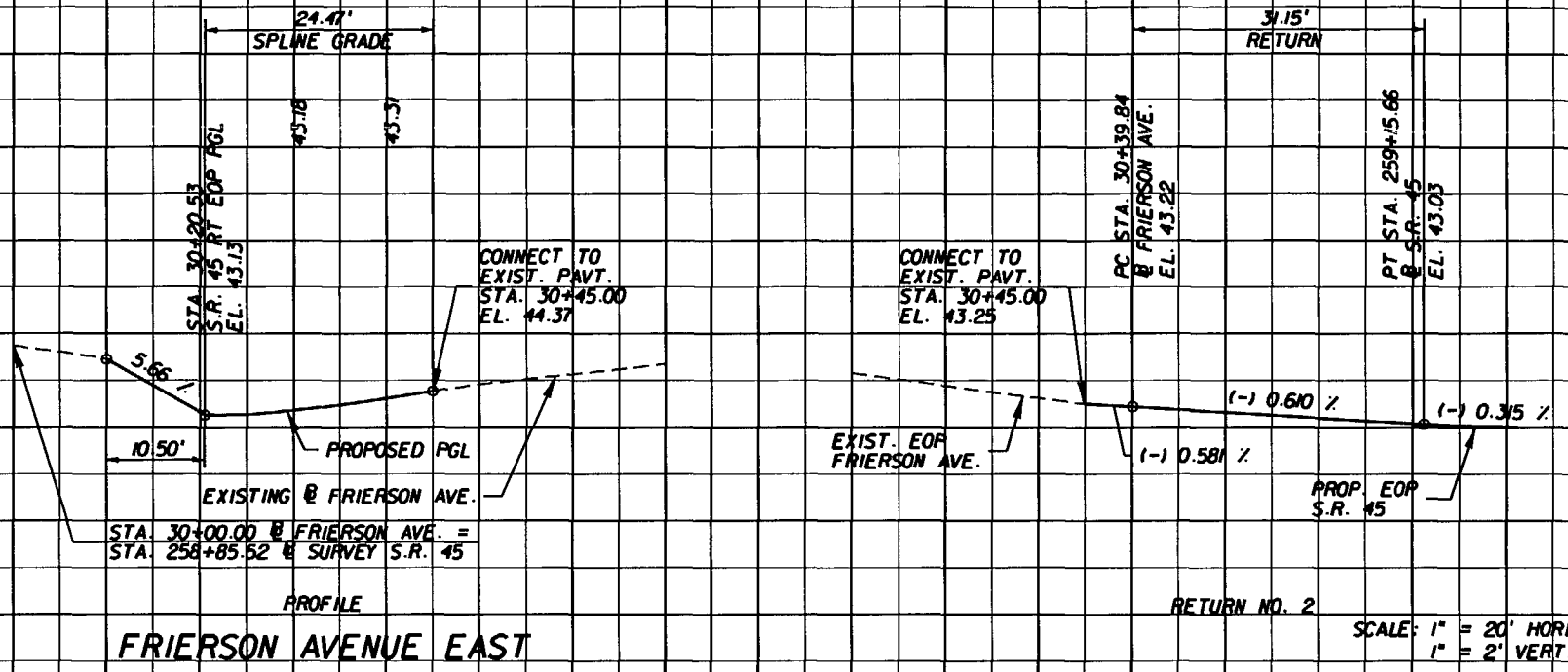
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**CHELSEA ST.  
INTERSECTION PROFILES**

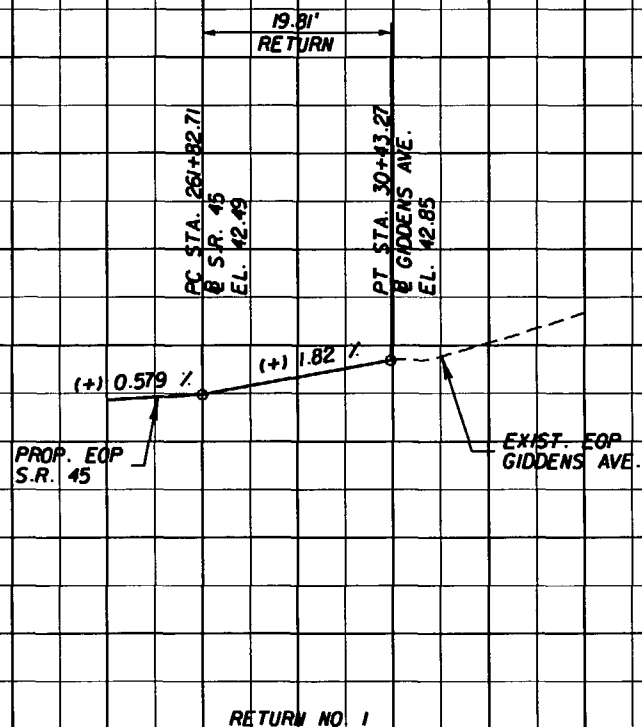
SHEET NO.  
93

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.

NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



NOTE:  
INTERMEDIATE ELEVATIONS ARE AT 10 FEET INCREMENTS  
MEASURED FROM THE P.C. OF THE RETURN.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**FRIERSON & GIDDENS AVE.  
INTERSECTION PROFILES**

SHEET NO.  
94

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

S.R. 45

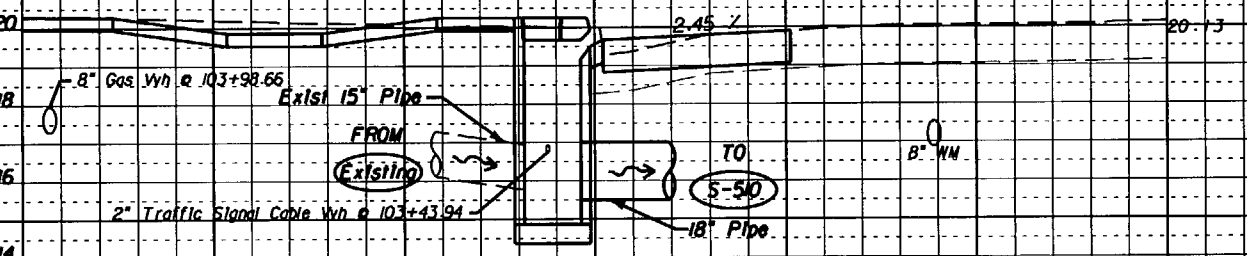
**Drainage General Notes:**

1. Special attention is directed to the fact that portions of some drainage structures extend into the stabilized portion of the roadbed and extreme caution will be necessary in stabilization operations at those locations.
2. Some or all of the drainage structures have optional culvert materials. When optional materials are allowed, one of the optional materials has been used as the basis of the pay. The material selected as the basis of pay is identified on the Optional Materials Tabulation Sheet. All options are described and installation information for each option is provided on this sheet.
3. The Contractor is required to provide signed and sealed "As Built" plan sheets documenting all Invert and outlet pipe flow line elevations of each drainage structure to verify positive drainage. A Professional Land Surveyor registered in the State of Florida shall accomplish this work. Payment for this work shall be included in the cost of the structure.
4. Temporary shoring, trench boxes and dewatering may be required to construct some segments of the storm sewer system. All associated costs shall be included in the cost of the proposed storm sewer system.
5. All existing drainage structures and pipe not being replaced shall remain unless otherwise noted. The cost of removing drainage structures or pipe during replacement operations shall be included in the cost of pipe. All existing pipe to be plugged shall be grout filled. The cost to plug and grout fill existing drainage pipes is included in the cost of pipe.
6. For additional information on drainage structure construction see the Drainage Details Sheets.
7. All existing inlet tops to be adjusted shall be saw cut at the edge of pavement.
8. For all drainage structures constructed within the limits of Type "D" curb, the height between the edge of pavement and the top of structure varies from 4" minimum to 6" maximum. The varying height is interpolated from dimensions provided in the plans for those limits.
9. Directional flow indicators shown along pipe segments in plan view represent the ultimate flow path.
10. Roadway profile grade revisions may require changes to manhole top elevations and inlet gutter elevations.
11. Installation of new structures may require connection of existing pipe of varying sizes. Cost of connecting existing pipe is included in the cost of the structure.
12. Some inlet caps may extend into the bottom of proposed curb. Extreme caution will be necessary during construction operations at those locations.
13. The construction of structure tops 545B, 564C, 565, 569A, 591, 592 and 535C shall require the contractor to verify the existing inlet bottom location and box dimensions prior to casting structure tops and structure top connections.

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(S-506)

Sta. 103+88.47 (32.21 L.I.)  
Const. Inlet Type 8  
Index No. 200, 201, 213  
EOP El. 19.66  
FL 15.77 (LI)  
FL 15.5 (RI)

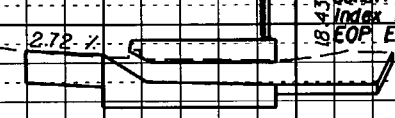


**VOID**

Const. Picket Railing  
Index No. 860

(S-505)

Sta. 103+77.00 (29.95 RI.)  
Const. 7.36 ft. Closed Flume Inlet  
Type 1, Single Barrel  
Index No. 216  
Const. Ditch Part. Conc. (3")  
Index No. 281  
EOP El. 19.22



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(S-507C)

TO

(S-507A)

SEE

CONST. A

(S-501)

NOT USED

(S-506)

103+88.47

(S-505)

103+77.00

(S-504)

TO

(S-500)

NOT USED

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEY, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
95

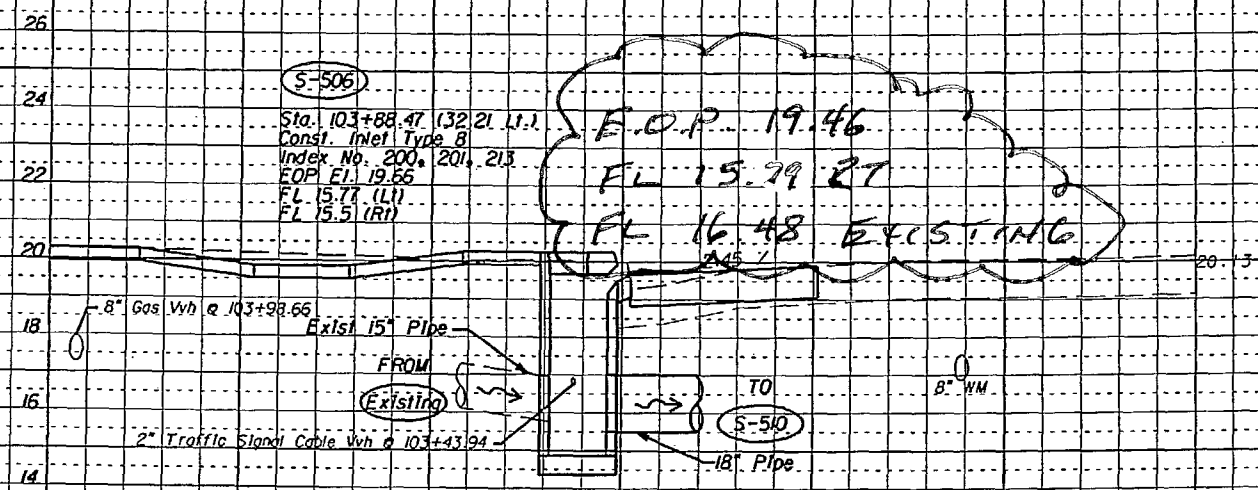
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

S.R. 45

Drainage General Notes:

1. Special attention is directed to the fact that portions of some drainage structures extend into the stabilized portion of the roadbed and extreme caution will be necessary in stabilization operations at those locations.
2. Some or all of the drainage structures have optional culvert materials. When optional materials are allowed, one of the optional materials has been used as the basis of the bid. The material selected as the basis of bid is identified on the Optional Materials Tabulation Sheet. All options are described and installation information for each option is provided on this sheet.
3. The Contractor is required to provide signed and sealed "As Built" plan sheets documenting all inlet and outlet pipe flow line elevations of each drainage structure to verify positive drainage. A Professional Land Surveyor registered in the State of Florida shall accomplish this work. Payment for this work shall be included in the cost of the structure.
4. Temporary shoring, trench boxes and dewatering may be required to construct some segments of the storm sewer system. All associated costs shall be included in the cost of the proposed storm sewer system.
5. All existing drainage structures and pipe not being replaced shall remain unless otherwise noted. The cost of removing drainage structures or pipe during replacement operations shall be included in the cost of pipe. All existing pipe to be plugged shall be grout filled. The cost to plug and grout fill existing drainage pipes is included in the cost of pipe.
6. For additional information on drainage structure construction see the Drainage Details Sheets.
7. All existing inlet tops to be adjusted shall be saw cut at the edge of pavement.
8. For all drainage structures constructed within the limits of Type "B" curb, the height between the edge of pavement and the top of structure varies from 4" minimum to 6" maximum. The varying height is interpolated from dimensions provided in the plans for those limits.
9. Directional flow indicators shown along pipe segments in plan view represent the ultimate flow path.
10. Roadway profile grade revisions may require changes to manhole top elevations and inlet gutter elevations.
11. Installation of new structures may require connection of existing pipe of varying sizes. Cost of connecting existing pipe is included in the cost of the structure.
12. Some inlet caps may extend into the bottom of proposed curb. Extreme caution will be necessary during construction operations at those locations.
13. The construction of structure tops 545B, 564C, 565, 589A, 591, 592 and 535C shall require the contractor to verify the existing inlet bottom location and box dimensions prior to casting structure tops and structure top connections.

AS-BUILT  
Survey Data  
only  
1/6/08



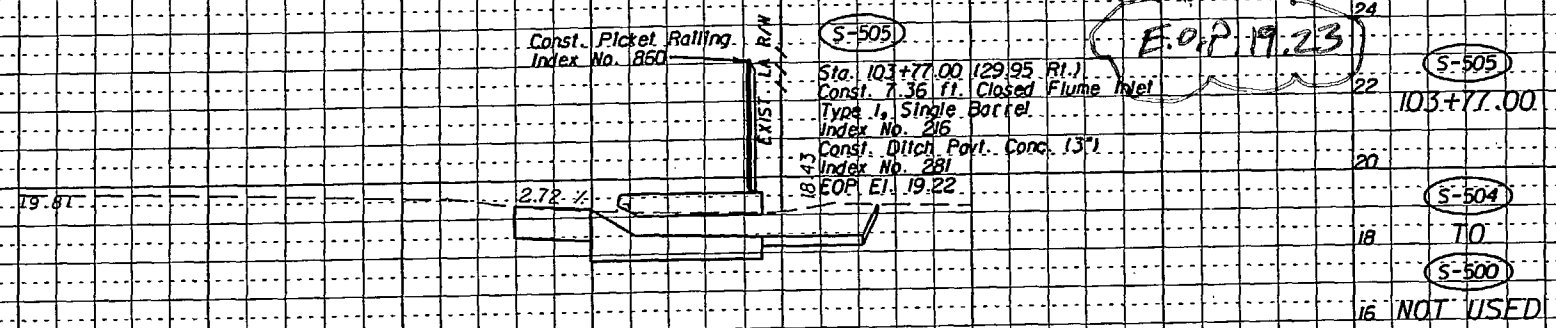
- 26 S-507C TO
- 24 S-507A SEE
- 22 B CONST. A
- 18 S-507 NOT USED
- 16 S-506 103+88.47

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.



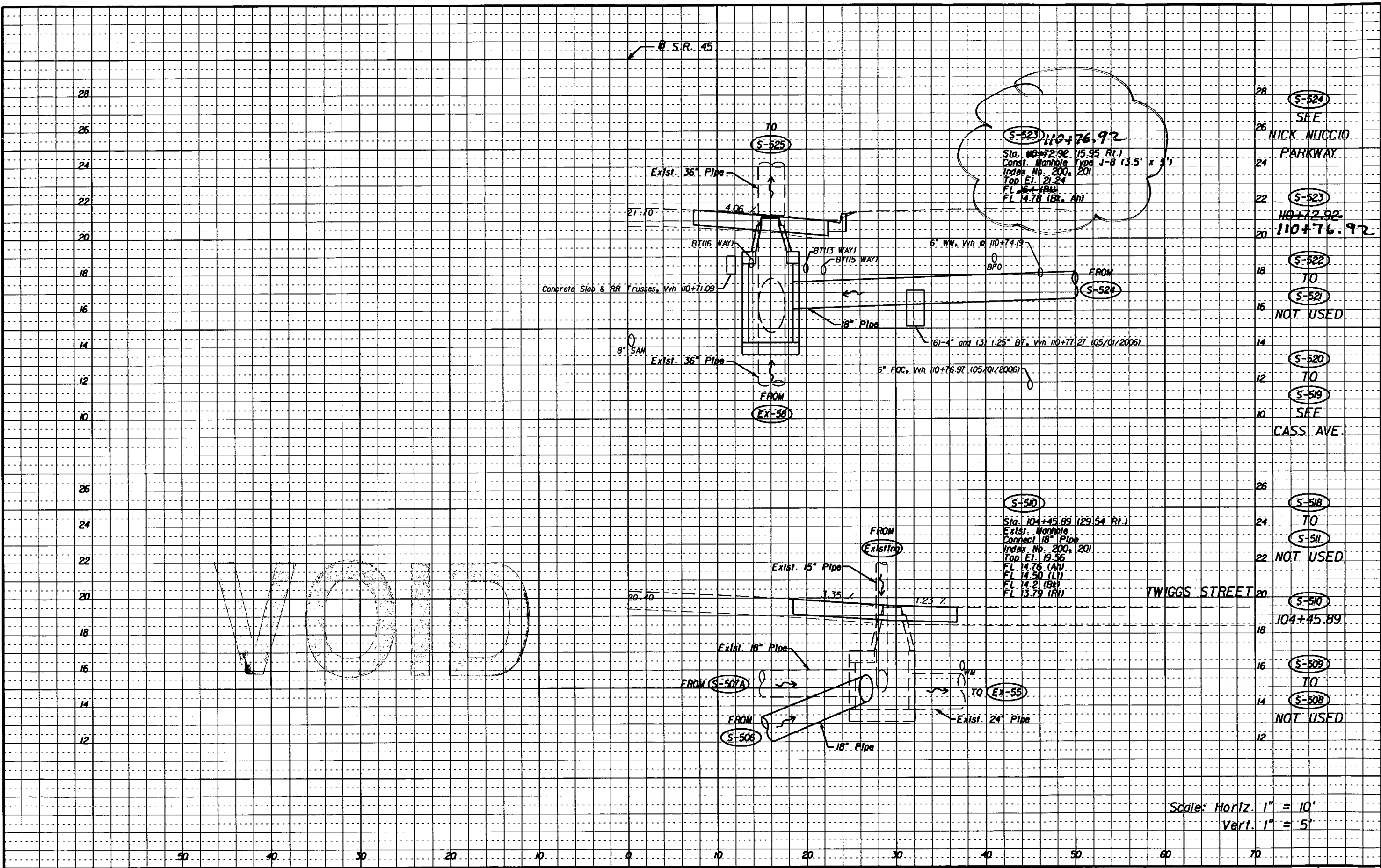
- 24 S-505 103+77.00
- 22 S-504 TO
- 20 S-500 NOT USED

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61B5-23.003, F.A.C.

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. WICKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE	SHEET NO. 95
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		





VOID

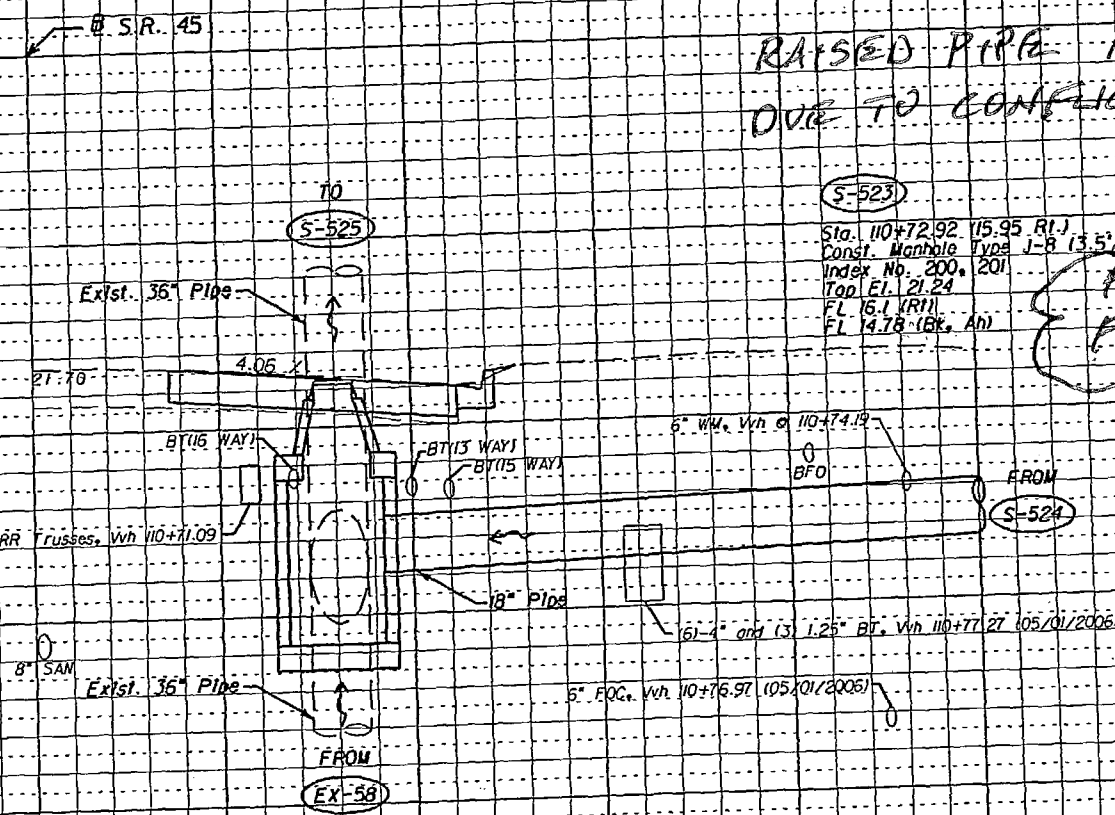
- 28 (S-524) SEE NICK MUCCIO PARKWAY
- 26 (S-523) 110+76.92
- 24 (S-523) 110+72.92
- 22 (S-523) 110+76.92
- 20 (S-522) TO (S-521) NOT USED
- 18 (S-522) TO (S-521) NOT USED
- 16 (S-521) NOT USED
- 14 (S-520) TO (S-519) SEE CASS AVE.
- 12 (S-520) TO (S-519) SEE CASS AVE.
- 10 (S-520) TO (S-519) SEE CASS AVE.
- 26 (S-518) TO (S-511) NOT USED
- 24 (S-518) TO (S-511) NOT USED
- 22 (S-511) NOT USED
- 20 (S-510) 104+45.89
- 18 (S-509) TO (S-508) NOT USED
- 16 (S-509) TO (S-508) NOT USED
- 14 (S-508) NOT USED
- 12 (S-508) NOT USED

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DRAINAGE STRUCTURE SHEET</b> <b>NEBRASKA AVENUE</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		96
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

RAISED PIPE HERE  
DUE TO CONFLICT WITH VERTICAL CURVE



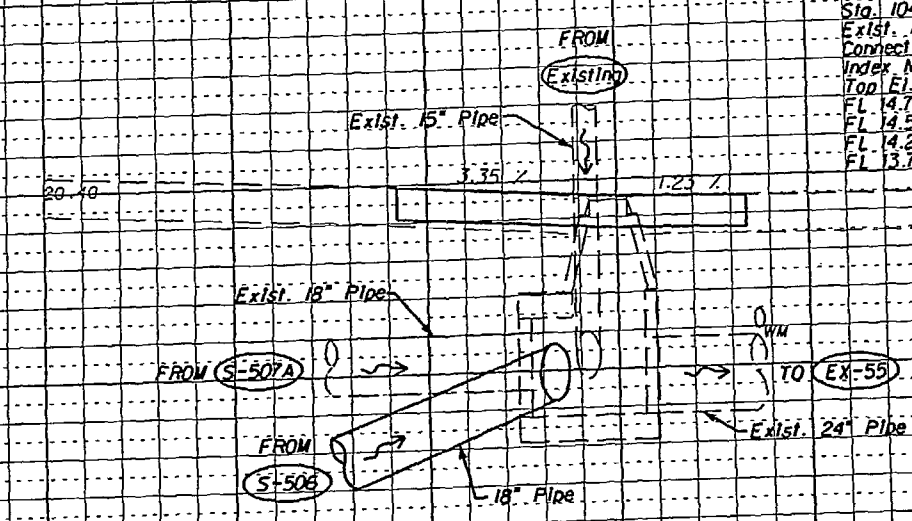
S-524  
SEE  
NICK NUCCIO  
PARKWAY  
S-523  
110+72.92  
S-522  
TO  
S-521  
NOT USED  
S-520  
TO  
S-519  
SEE  
CASS AVE.

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.



S-510  
Sta. 104+45.89 (29.54 RL)  
Exist. Manhole  
Connect 18\"/>

TOP 19.76

S-518  
TO  
S-517  
NOT USED  
S-510  
104+45.89  
S-509  
TO  
S-508  
NOT USED

As-Built Survey  
Data Only  
Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS			
DATE	BY	DESCRIPTION	DATE BY DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

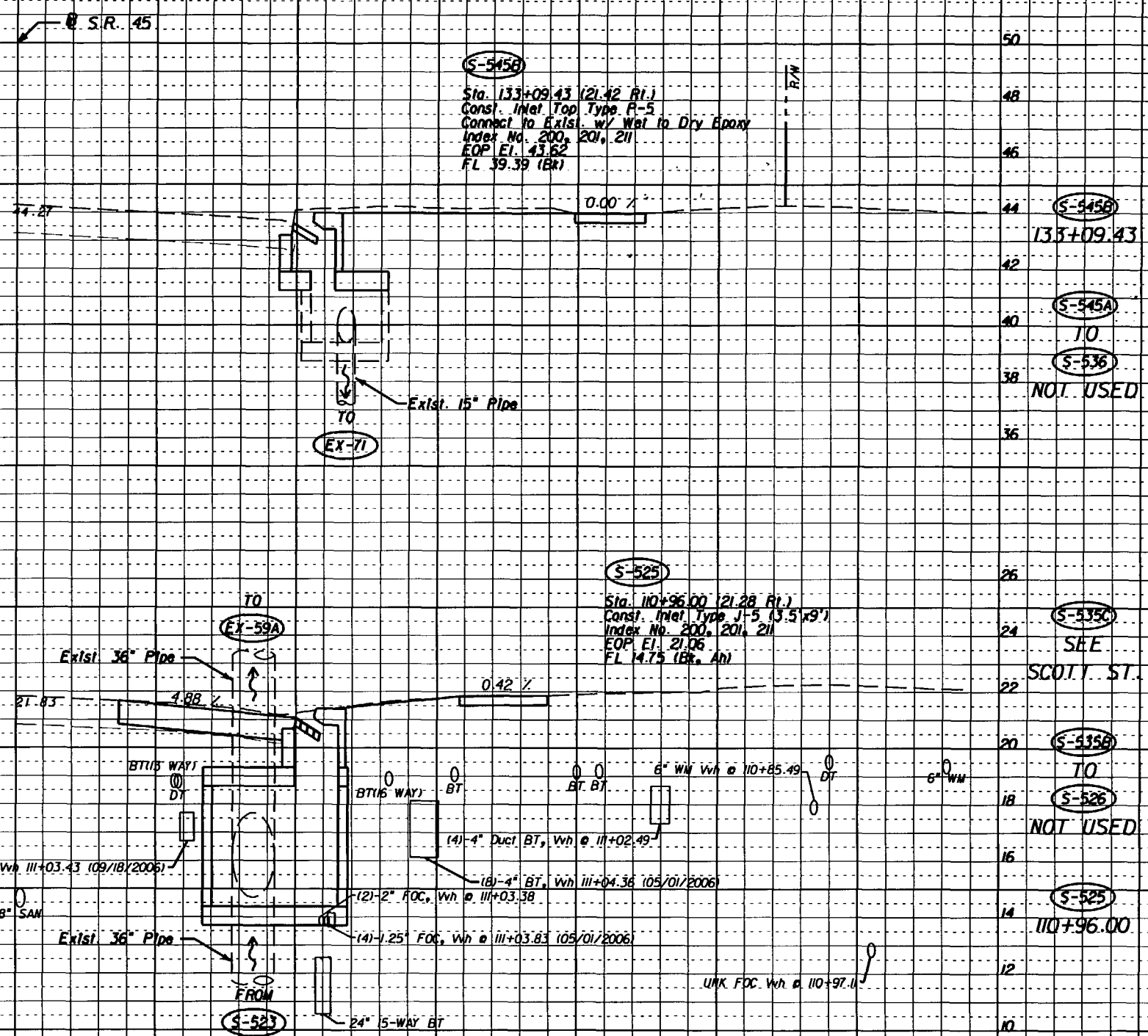
**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
96

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

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VOID



(S-545B)  
133+09.43  
(S-545A)  
TO  
(S-536)  
NOT USED  
  
(S-525)  
SEE  
SCOTT ST.  
(S-535B)  
TO  
(S-526)  
NOT USED  
(S-525)  
110+96.00

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
97

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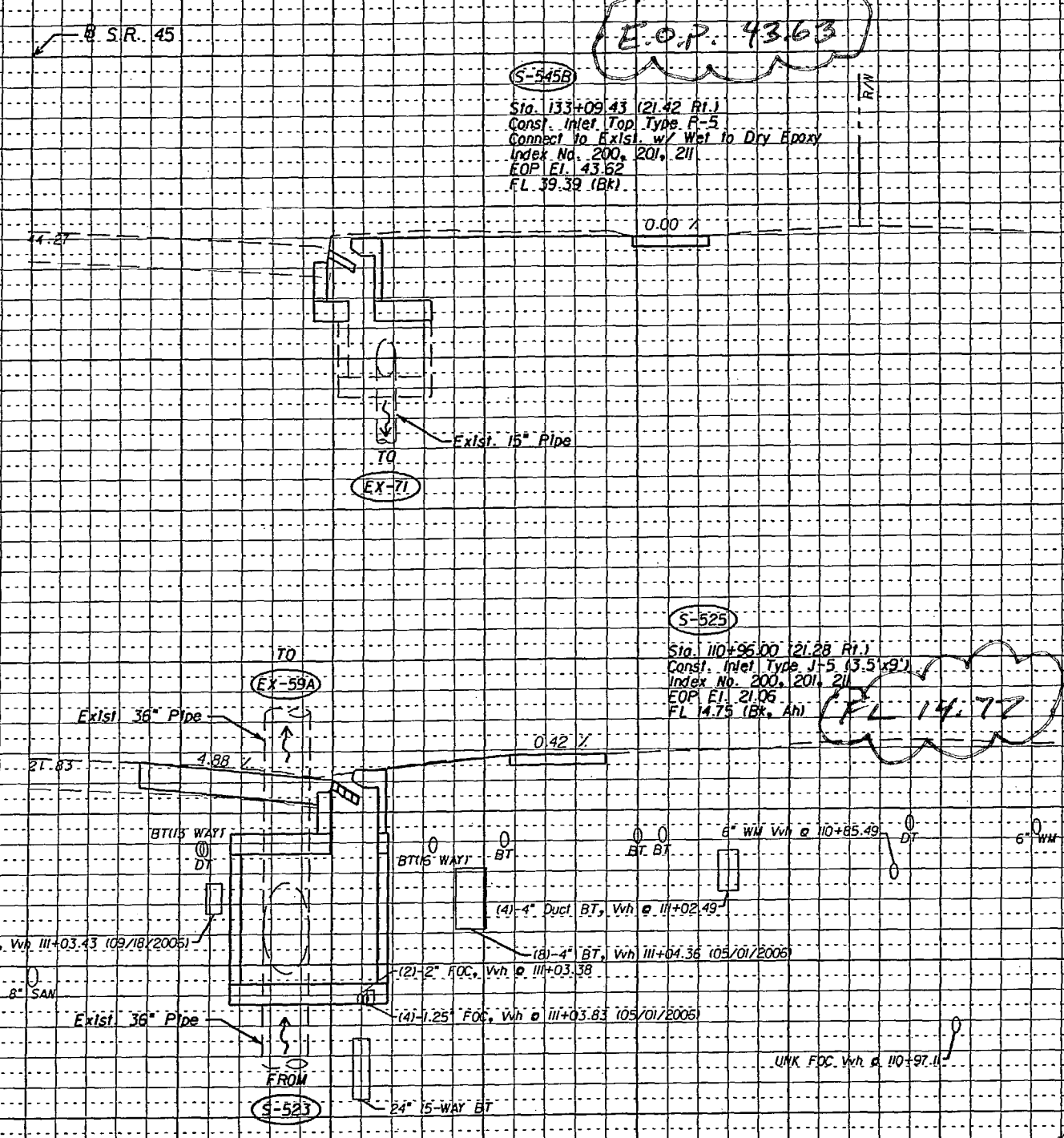
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EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

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This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.



AS-BUILT Survey  
Data only  
*[Signature]*  
11/4/08

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

DATE		BY		DESCRIPTION	

M. ARASTE, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO. COUNTY FINANCIAL PROJECT ID	
		S.R. 45 HILLSBOROUGH		255853-1-52-01	

DRAINAGE STRUCTURE SHEET			SHEET NO.		
NEBRASKA AVENUE			97		

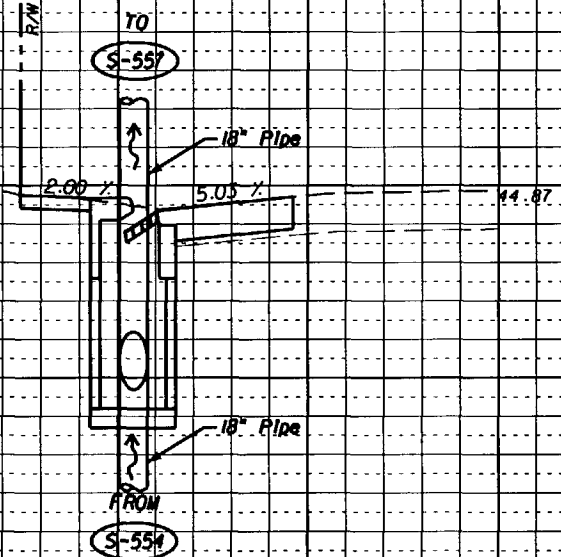
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



S.R. 45

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S-555  
Sta. 136+97.00 (19.19 L.)  
Const. Inlet Type P-5  
Index No. 200, 201, 211  
EQI El. 44.33  
FL 39.7 (A), B)

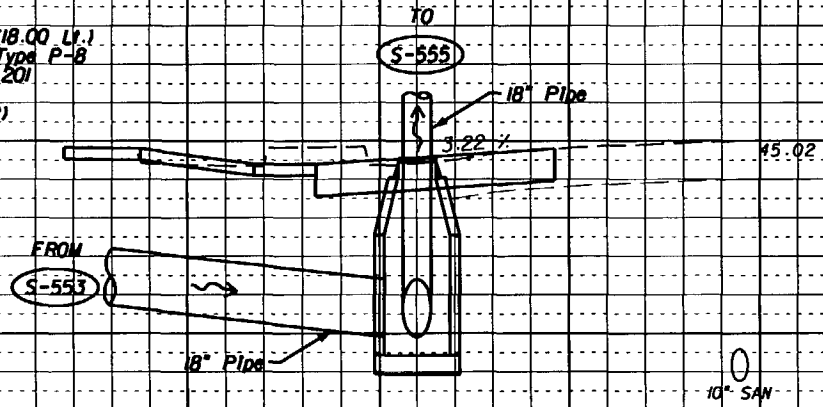


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S-556  
NOT USED

S-555  
136+97.00

S-554  
Sta. 136+16.00 (18.00 L.)  
Const. Manhole Type P-8  
Index No. 200, 201  
Top El. 44.56  
FL 39.9 (A), L)



S-554  
136+16.00

S-553  
SEE  
7th AVE.

S-552  
TO

S-546  
NOT USED

VOID

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

50 40 30 20 10 0 10 20 30 40 50 60 70

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

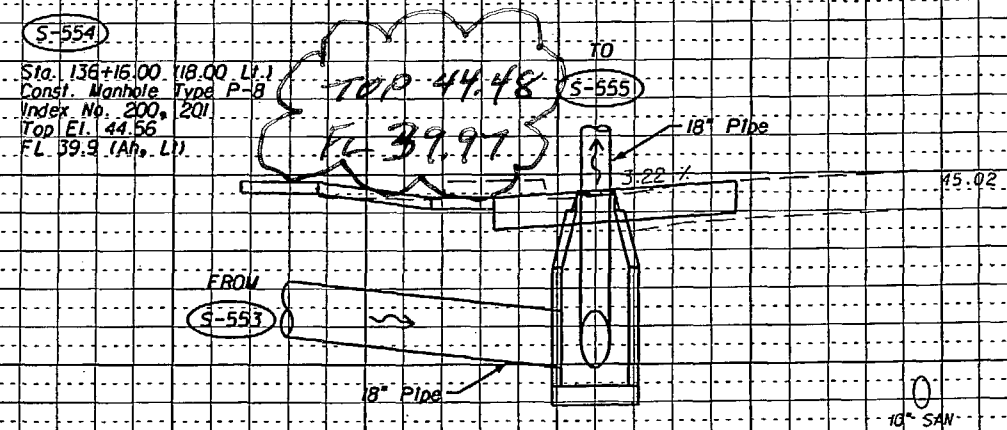
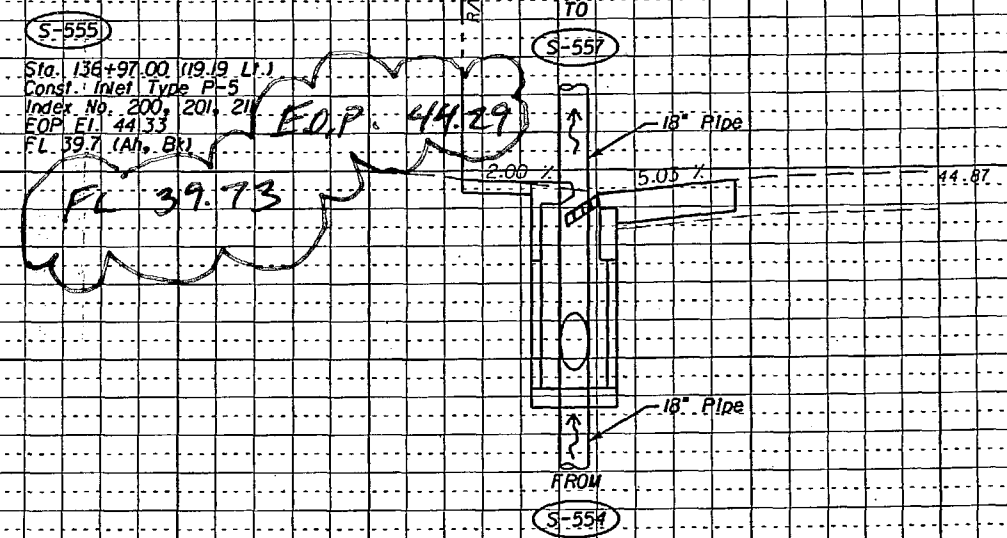
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
98

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G15-23.003, F.A.C.

B.S.R. 45



AS-Built Survey Data Only  
*[Signature]* 11/6/08

EDWARDS-PANTER SURVEYING, INC. (LB 7-11)

BY: *[Signature]*  
 Daniel D. Gillingham, P.S.M. 5711

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Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

- 50
- 48
- 46
- 44 (S-556) NOT USED
- 42 (S-555)
- 40 136+97.00
- 38
- 36
- 50
- 48 (S-554) 136+16.00
- 46 (S-553) SEE 7th AVE.
- 44
- 42
- 40 (S-552) TO
- 38 (S-546) NOT USED

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
 P.E. LICENSE NUMBER 49110  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

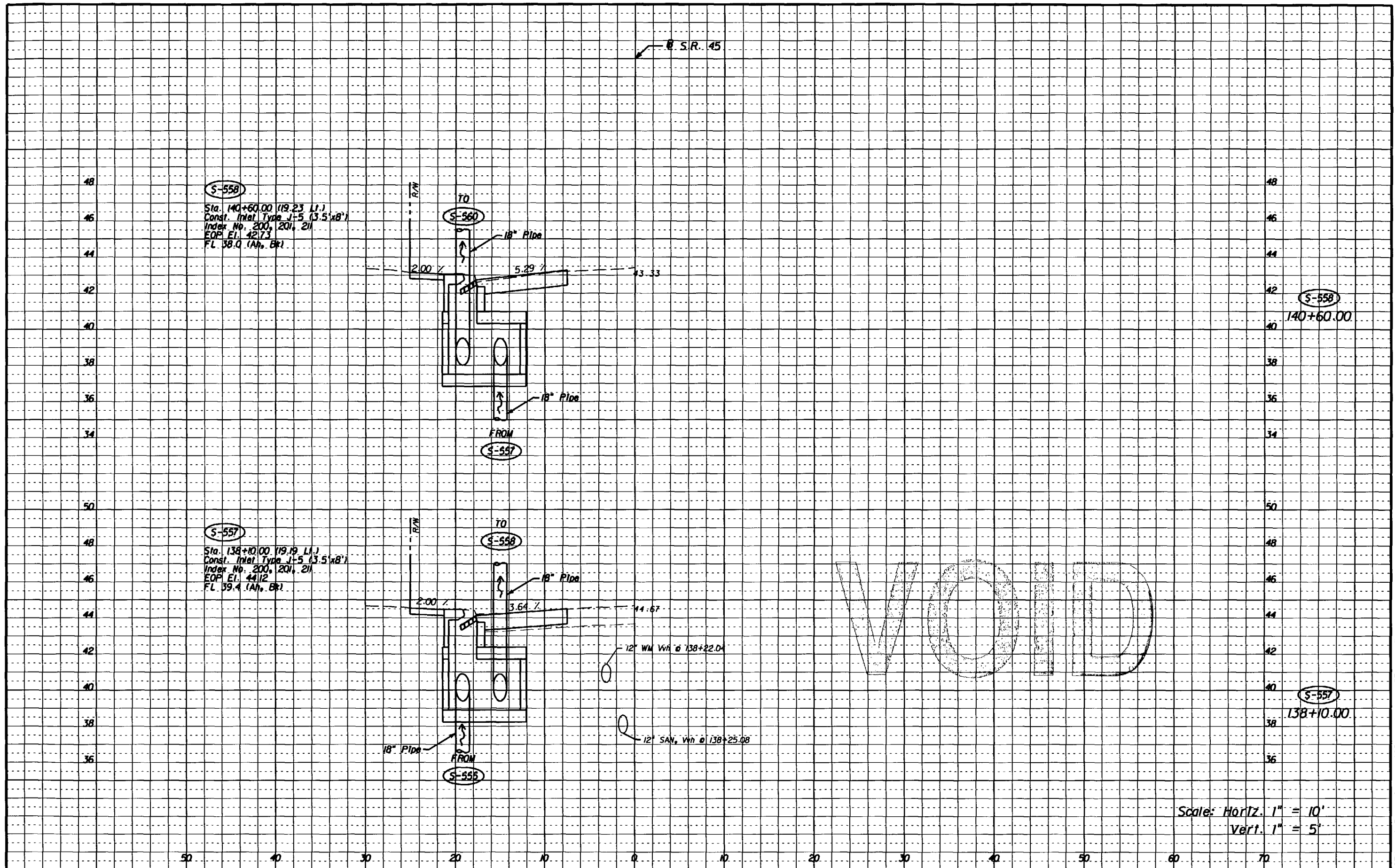
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
 98

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G05-23.003, F.A.C.





S-558  
 Sta. 140+60.00 (19.23 L.I.)  
 Const. Mat. Type J-5 (3.5'x8')  
 Index No. 200, 201, 211  
 EOP El. 42.73  
 FL 38.0 (A), B(1)

S-557  
 Sta. 138+10.00 (19.19 L.I.)  
 Const. Mat. Type J-5 (3.5'x8')  
 Index No. 200, 201, 211  
 EOP El. 44.12  
 FL 39.4 (A), B(1)

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

REVISIONS			
DATE	BY	DESCRIPTION	

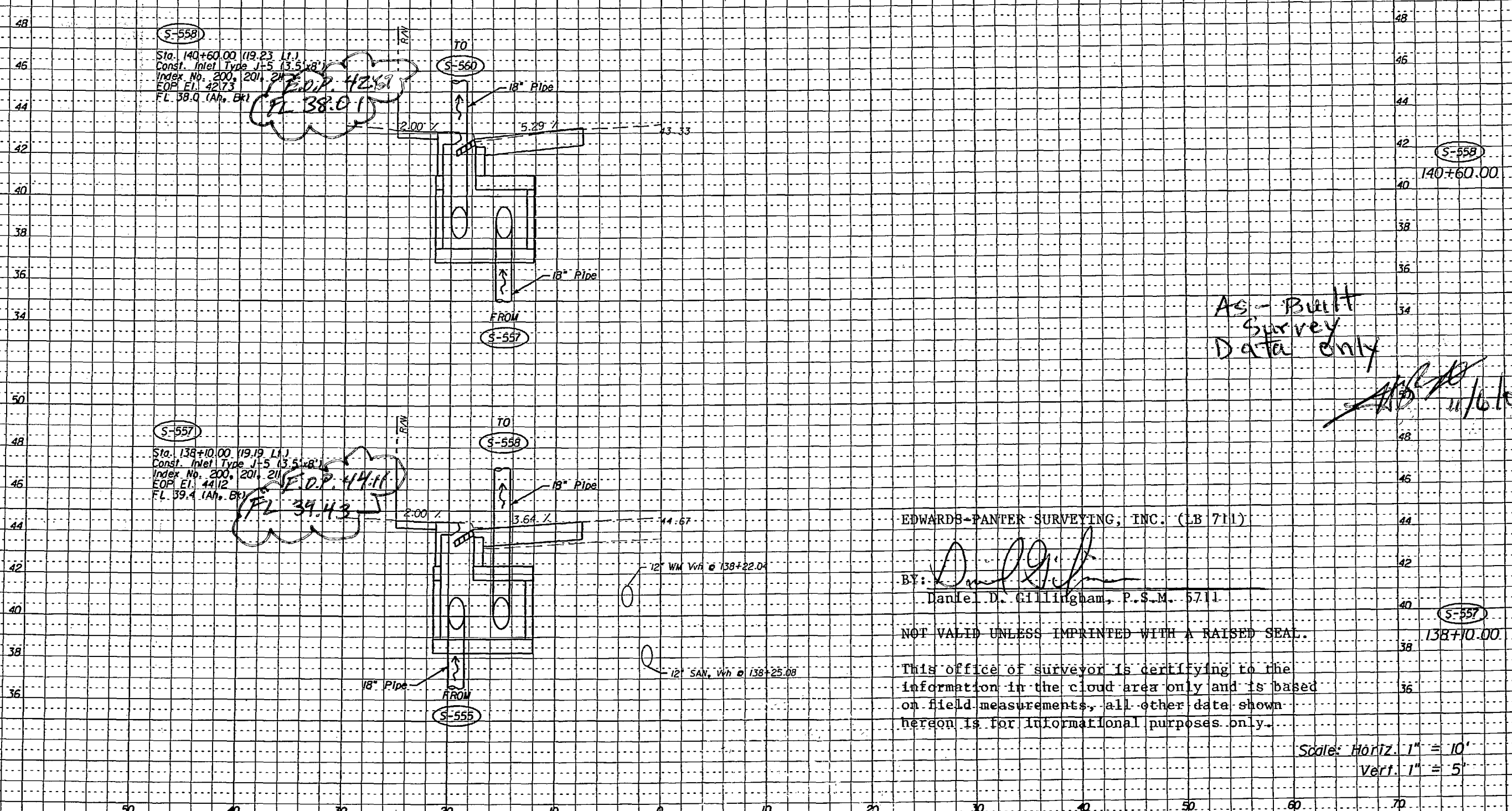
M. ARASTEH, P.E.  
 P.E. LICENSE NUMBER 49110  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
 99

S.R. 45



As-Built  
Survey  
Data only

*[Signature]*  
11/6/08

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

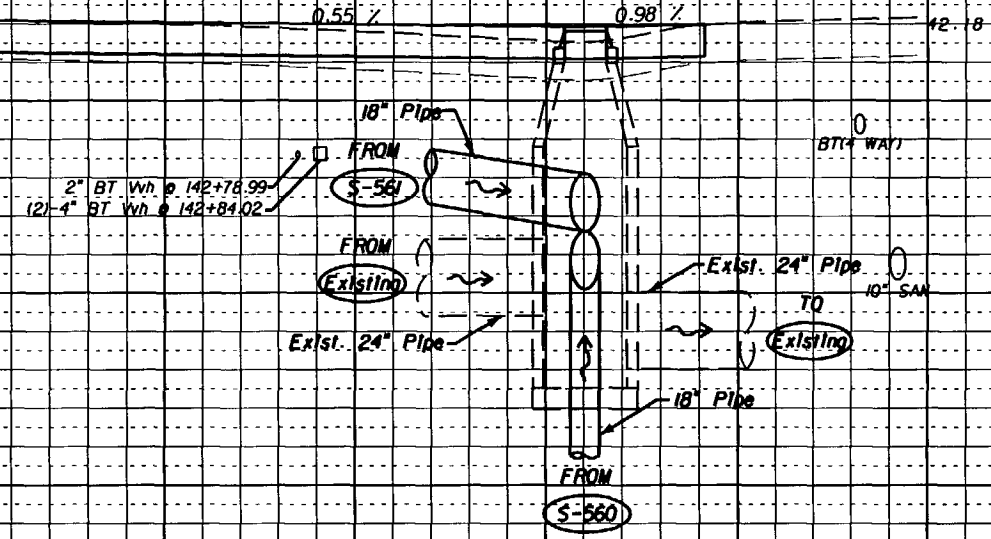
REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 4910 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE	SHEET NO. 99
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

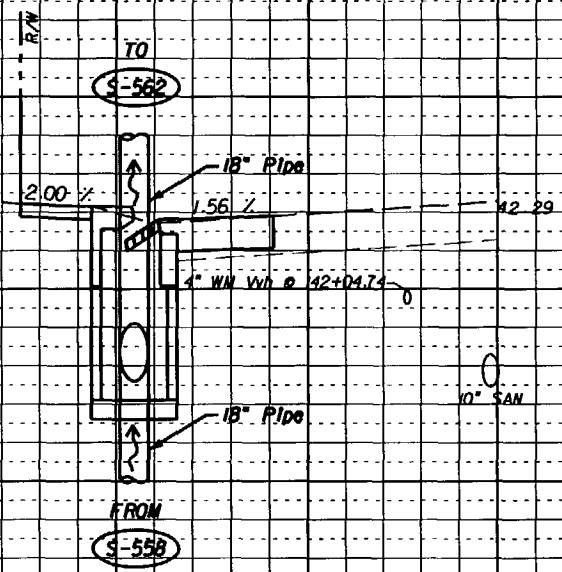
S.R. 45

**S-562**  
 Sta. 142+67.48 (17.94 LL.)  
 Adj. Exst. Manhole Top Type P-8  
 Connect 18" Pipes  
 Index No. 201  
 Top El. 41.93  
 FL 36.6 (AH)  
 FL 34.40 (LI)  
 FL 35.1 (BK)  
 FL 33.02 (RI)

PALM AVENUE



**S-560**  
 Sta. 142+17.00 (19.24 LL.)  
 Const. Inlet Type P-5  
 Index No. 200, 201, 211  
 EOP El. 41.81  
 FL 37.6 (AH, BK)



**S-563**  
NOT USED

**S-562**  
142+67.48

**S-561**  
SEE  
PALM AVE.

**S-560**  
142+17.00

**S-559**  
NOT USED

# VOID

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

50 40 30 20 10 0 10 20 30 40 50 60 70

DATE		BY	DESCRIPTION	DATE		BY	DESCRIPTION

M. ARASTEH, P.E.  
 P.E. LICENSE NUMBER 49110  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
100

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68F5-23.003, F.A.C.

S.R. 45

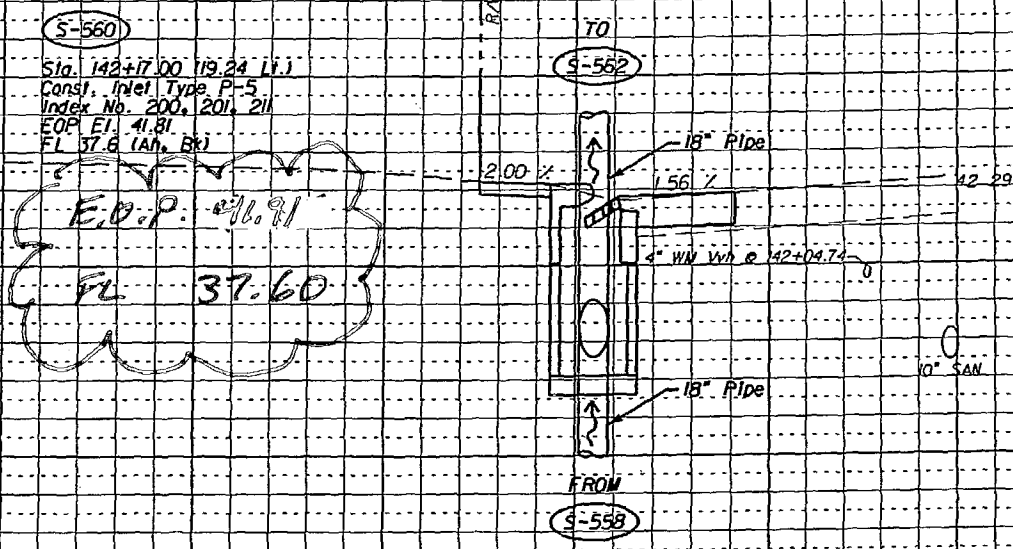
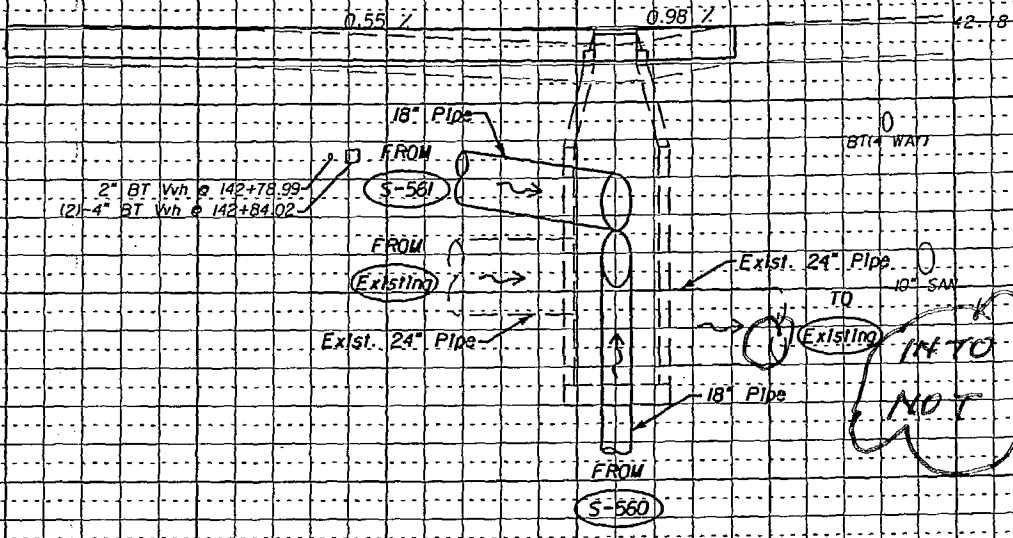
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**S-562**  
 Sta. 142+67.48 (17.94' I.I.)  
 Adj. Exst. Manhole Top Type P-8  
 Connect 18" Pipes  
 Index No. 201  
 Top E.L. 41.93  
 FL 36.6 (A1)  
 FL 34.40 (A1)  
 FL 35.1 (B1)  
 FL 33.02 (R1)

TOP 41.93  
 FL 34.40 L1  
 FL 33.02 R1

PALM AVENUE



EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
 Daniel D. Gillingham, P.S.M. 5711

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As-Built Survey

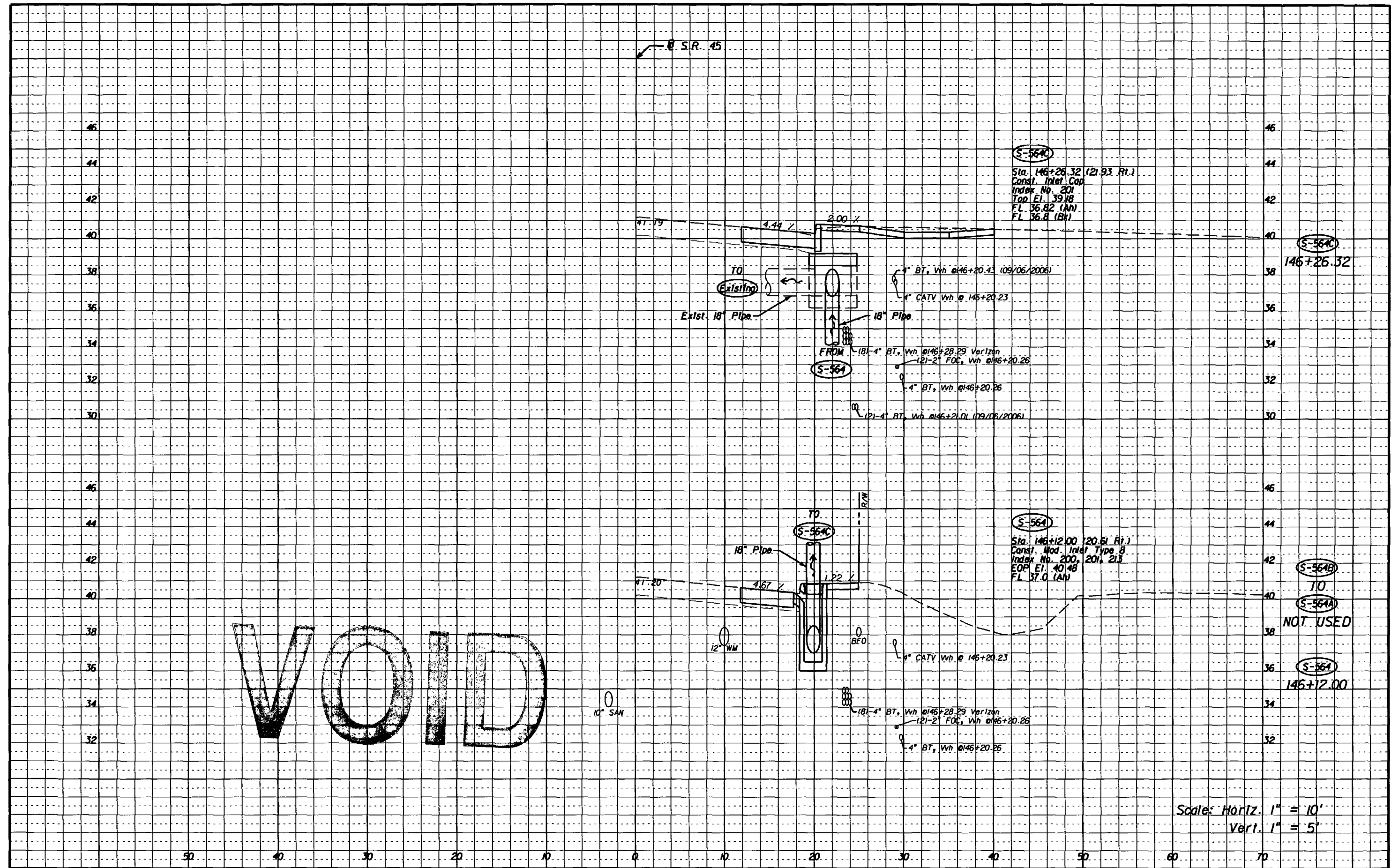
Data Only

Scales: Horiz. 1" = 10'  
 Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE	SHEET NO. 100
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			





**VOID**

**S-564C**  
 Sta. 146+26.32 (21.93 Rt.)  
 Const. Intel Cap  
 Index No. 201  
 Top El. 39.18  
 FL 36.82 (Ah)  
 FL 36.8 (Bk)

**S-564C**  
 146+26.32

**S-564B**  
 Sta. 146+12.00 (20.61 Rt.)  
 Const. Mod. Intel Type B  
 Index No. 200, 201, 213  
 EOP El. 40.48  
 FL 37.0 (Ah)

**S-564B**  
 TO  
**S-564A**  
 NOT USED  
**S-564**  
 146+12.00

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
 P.E. LICENSE NUMBER 49110  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

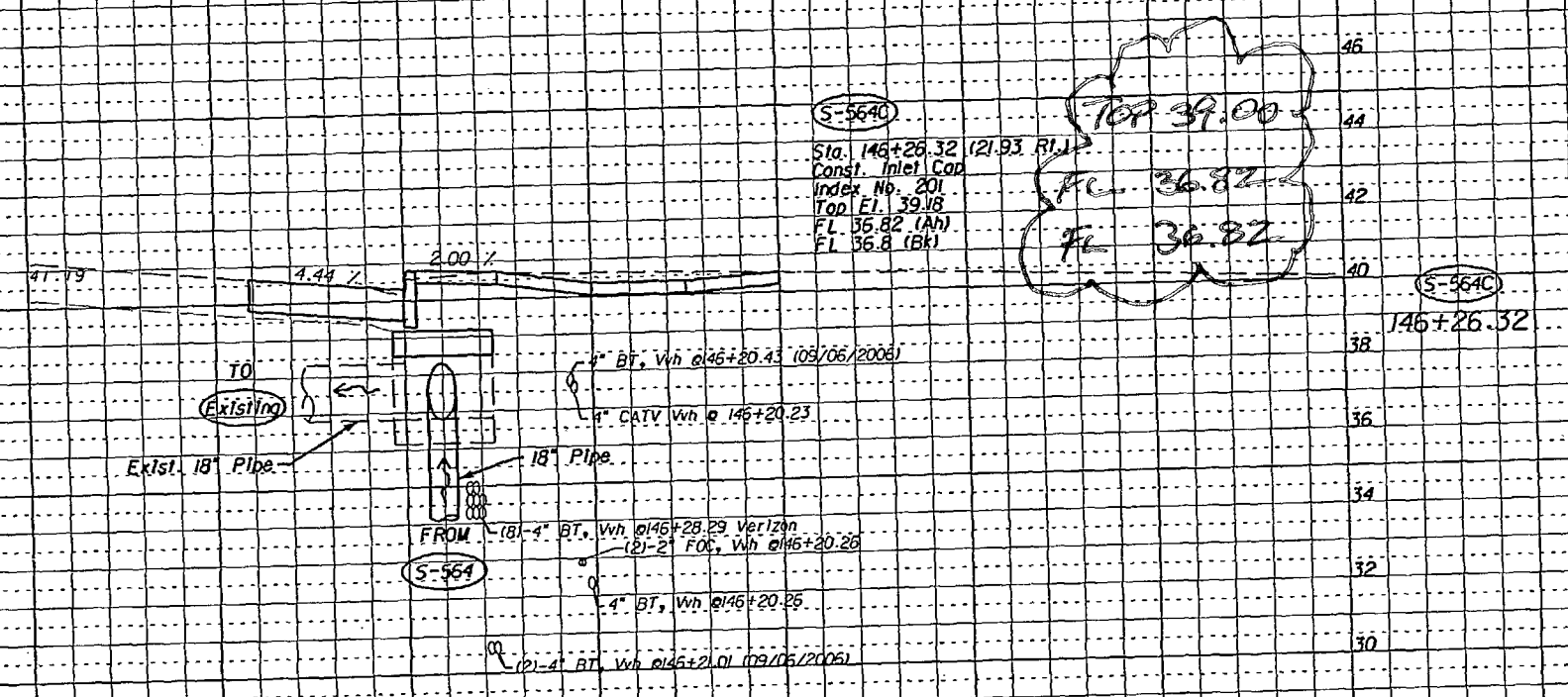
**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
 101

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

S.R. 45

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S-564C  
Sta. 146+26.32 (21.93 R.I.)  
Const. Inlet Cap  
Index No. 201  
Top El. 39.16  
FL 36.82 (AN)  
FL 36.8 (BK)

TOP 39.00  
FL 36.82  
FL 36.82

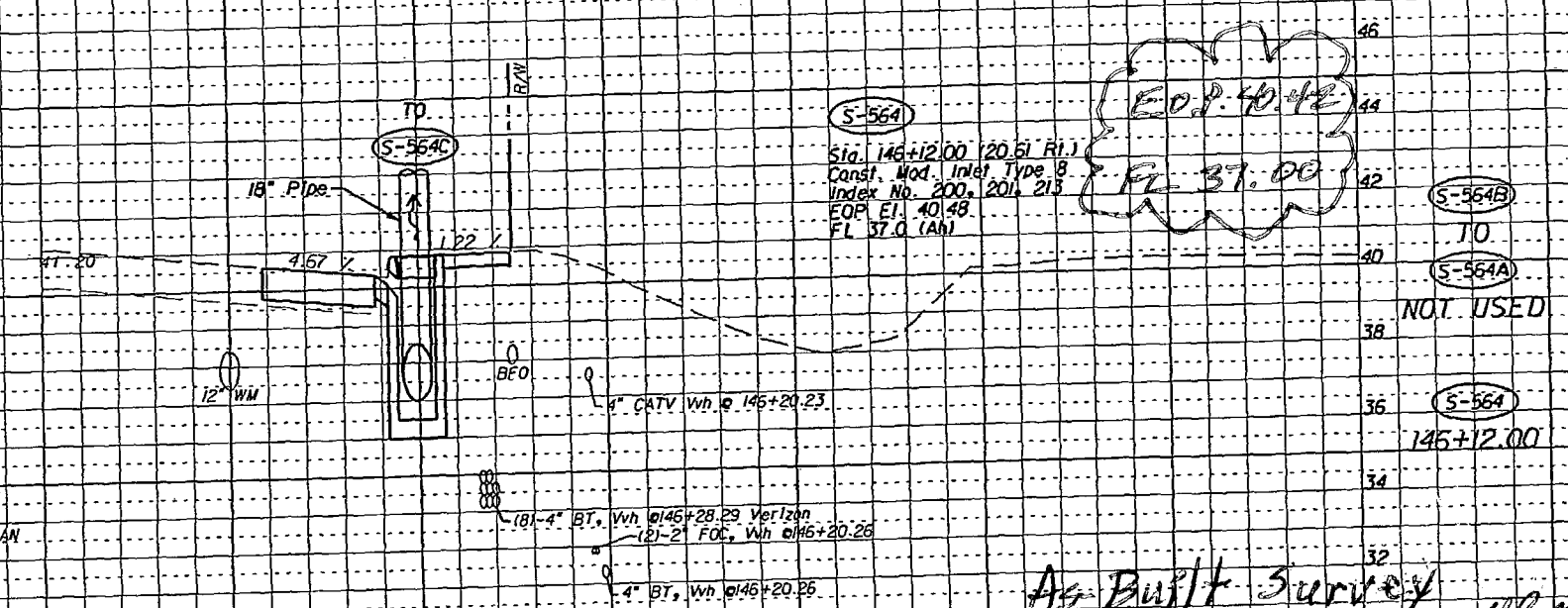
S-564C  
146+26.32

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

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S-564  
Sta. 146+12.00 (20.61 R.I.)  
Const. Mod. Inlet Type B  
Index No. 200, 201, 213  
EOP El. 40.48  
FL 37.0 (AN)

EOP 40.48  
FL 37.00

S-564B  
10

S-564A  
NOT USED

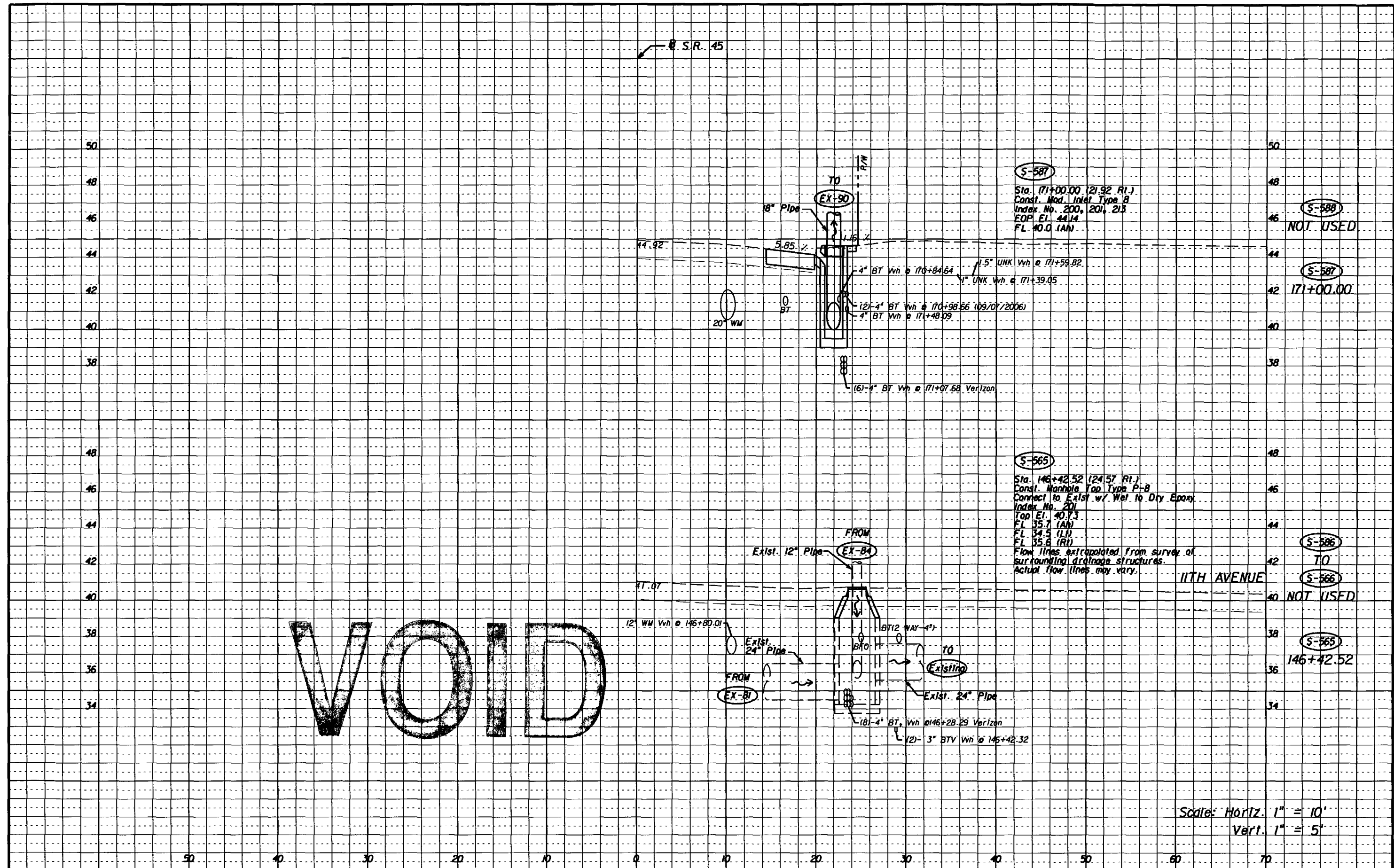
S-564  
146+12.00

As-Built Survey  
Data Only  
Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE	SHEET NO. 101
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			

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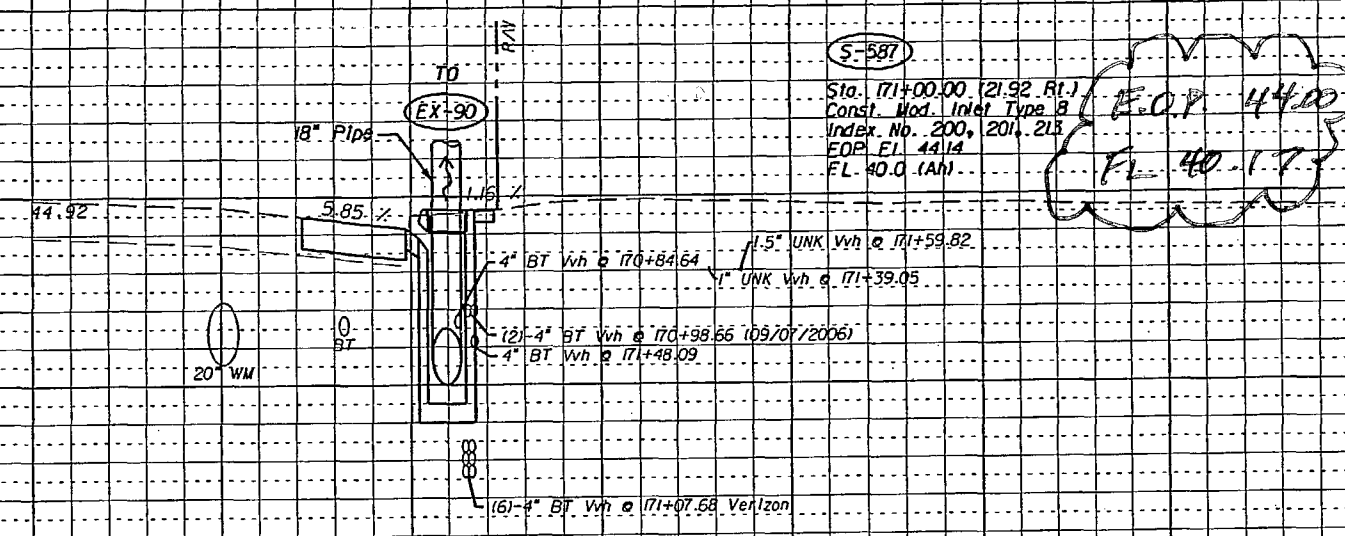
VOID

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

DATE		BY		DESCRIPTION		DATE		BY		DESCRIPTION	
REVISIONS											
M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A											
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION						DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE					
ROAD NO.		COUNTY		FINANCIAL PROJECT ID		SHEET NO.					
S.R. 45		HILLSBOROUGH		255853-1-52-01		102					

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

S.R. 45



Sta. 171+00.00 (21.92 Rt.)  
Const. Manhole Top Type B  
Index No. 200, 201, 213  
EOP. El. 44.14  
FL 40.0 (AH)

*Handwritten:* E.O.P. 44.14  
FL 40.17

S-588  
NOT USED

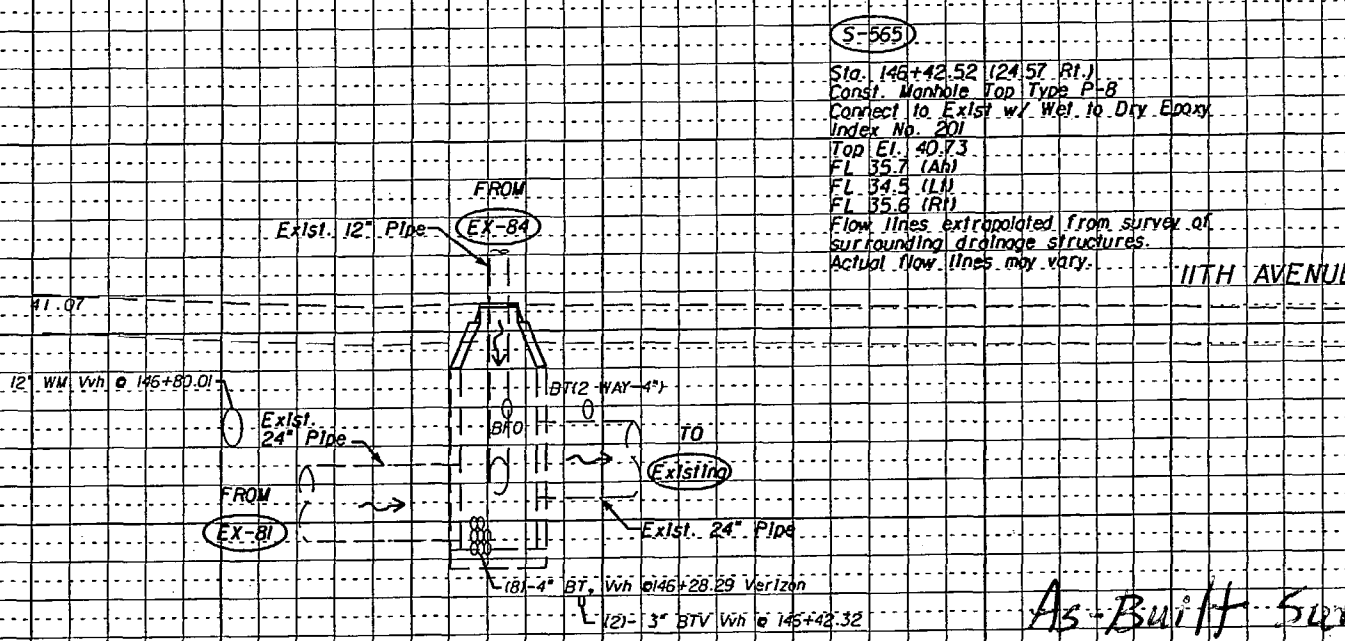
S-587  
171+00.00

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

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Sta. 146+42.52 (24.57 Rt.)  
Const. Manhole Top Type P-8  
Connect to Exst w/ Wet to Dry Epoxy  
Index No. 201  
Top El. 40.73  
FL 35.7 (AH)  
FL 34.5 (LH)  
FL 35.8 (RH)  
Flow lines extrapolated from survey of surrounding drainage structures.  
Actual flow lines may vary.

11TH AVENUE

S-586  
TO

S-566  
NOT USED

S-565  
146+42.52

*As-Built Survey*  
*Date Only* *[Signature]*  
*11/6/58*

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

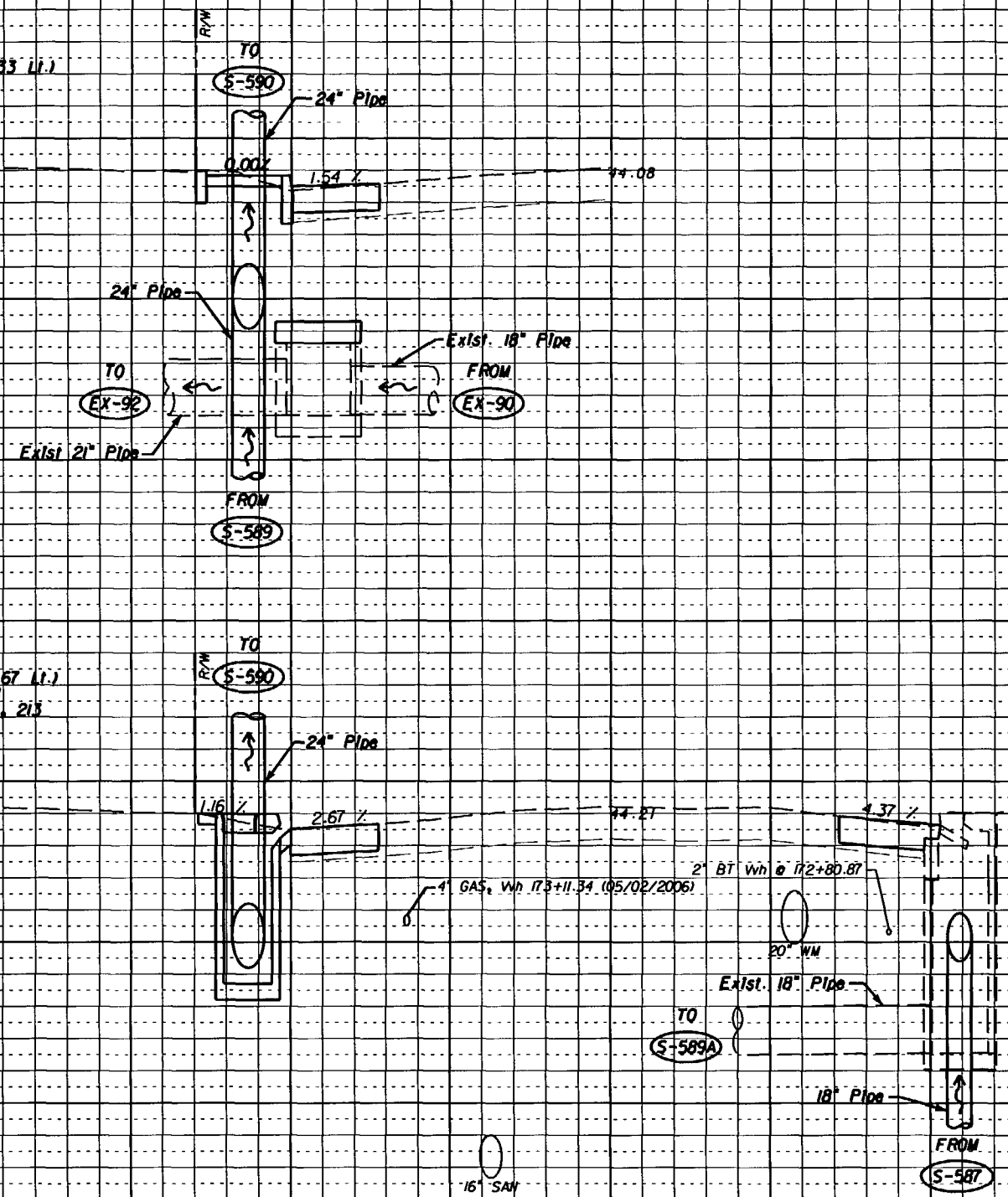
REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE	SHEET NO. 102
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

S.R. 45

S-589A  
 Sta. 173+19.56 (18.33 LI.)  
 Const. Inlet Cap  
 Index No. 201  
 Top El. 39.29  
 FL 36.40 (RI)  
 FL 36.37 (LI)

S-589  
 Sta. 173+10.00 (22.67 LI.)  
 Const. Inlet Type B  
 Index No. 200, 201, 213  
 EOP El. 43.53  
 FL 39.2 (Ab)

EX-90  
 Sta. 173+07.52 (21.74 RI.)  
 Exlst. Inlet  
 Connect 18" Pipe  
 Index No. 200, 201  
 EOP El. 43.93  
 FL 39.4 (BA)  
 FL 36.55 (LI)



**VOID**

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

DATE		BY	DESCRIPTION	DATE		BY	DESCRIPTION

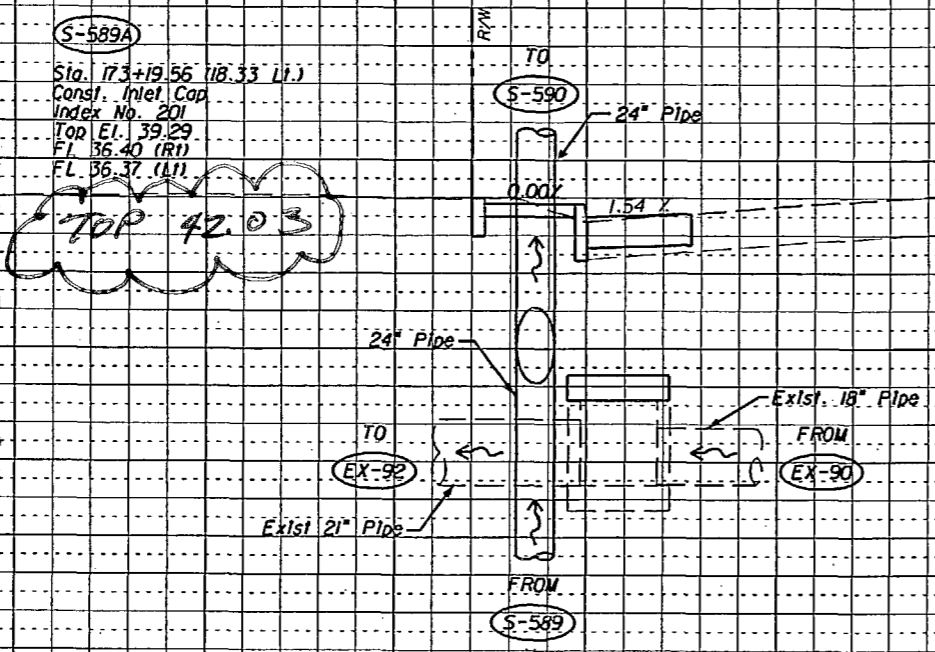
M. ARASTE, P.E.  
 P.E. LICENSE NUMBER 49110  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

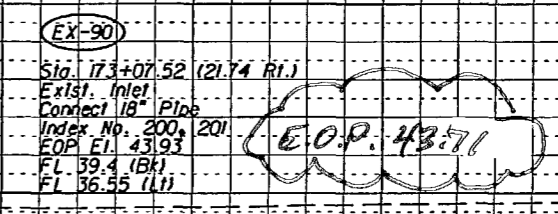
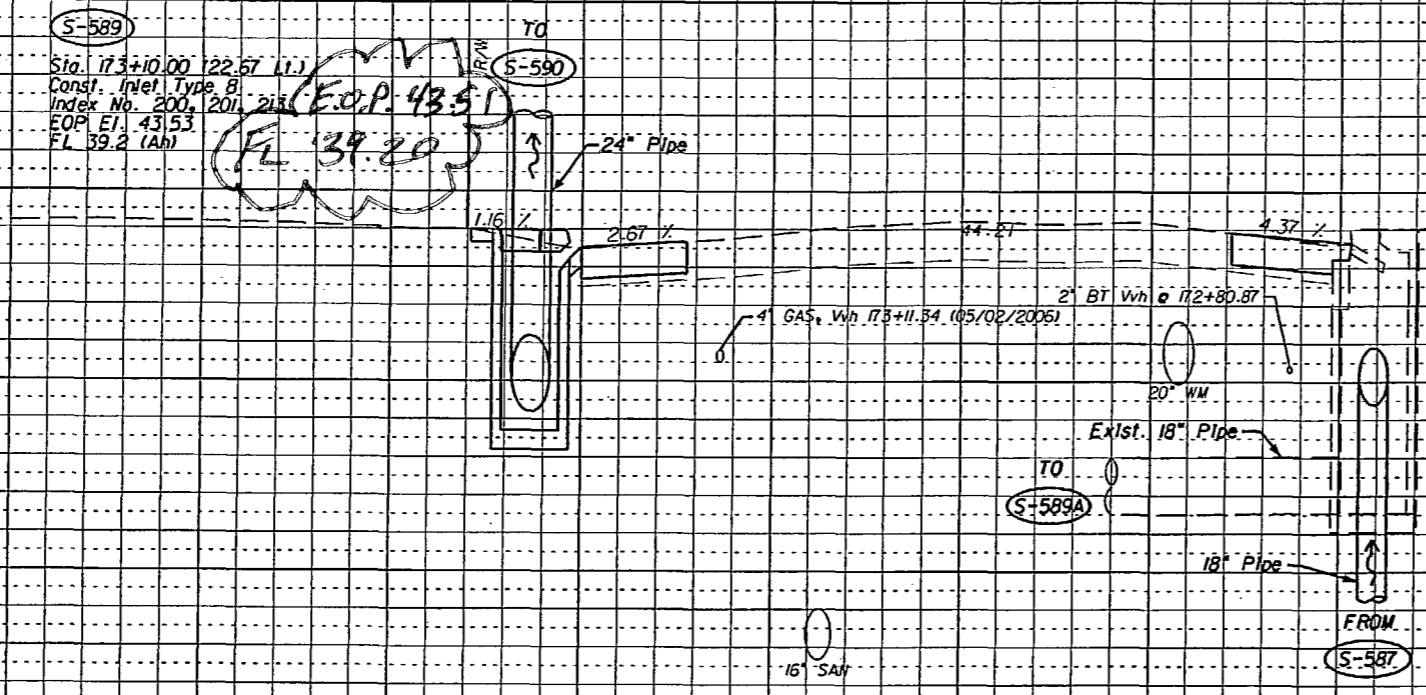
SHEET NO.  
 103

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.



EDWARDS-PANTER SURVEYING, INC. (LB-711)  
 BY: *[Signature]*  
 Daniel D. Gillingham, P.S.M. 5/11

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.  
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THIS WAS CHANGED TO  
 A P-5

As-Built Survey  
 Data Only  
*[Signature]* 11/6/08

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
 P.E. LICENSE NUMBER 49110  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

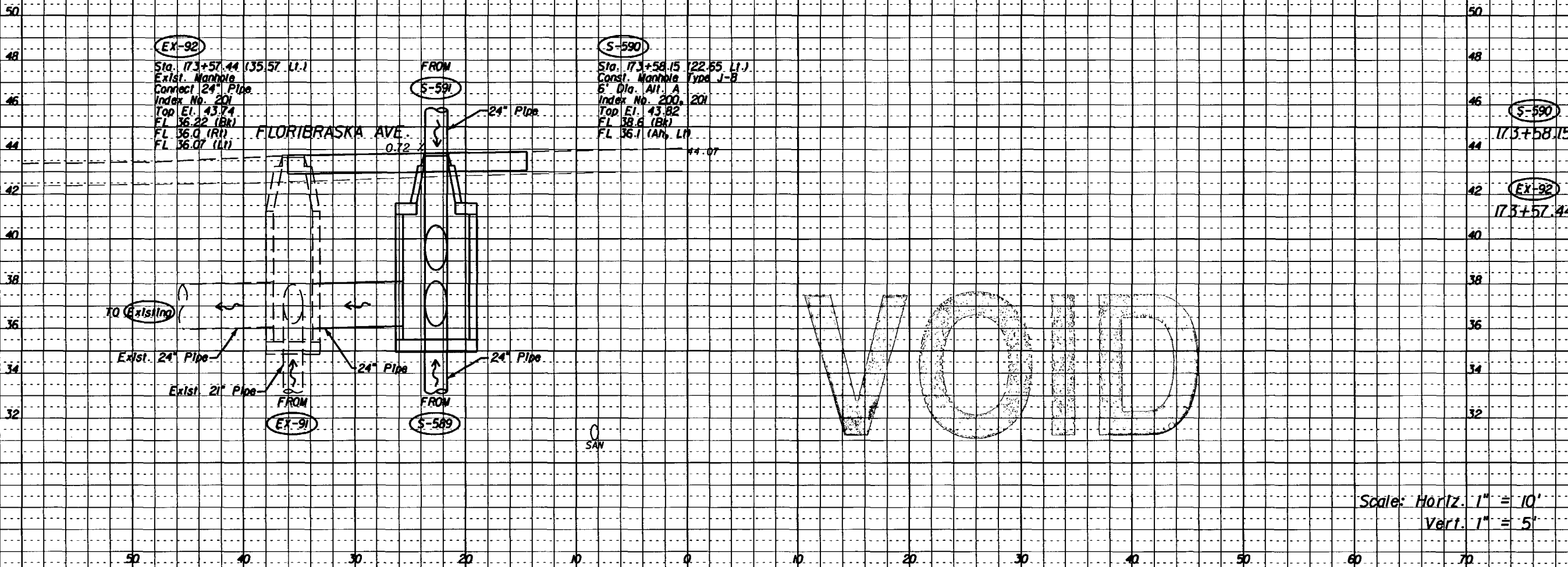
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
103

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

S.R. 45



Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
104

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G5-23.003, F.A.C.



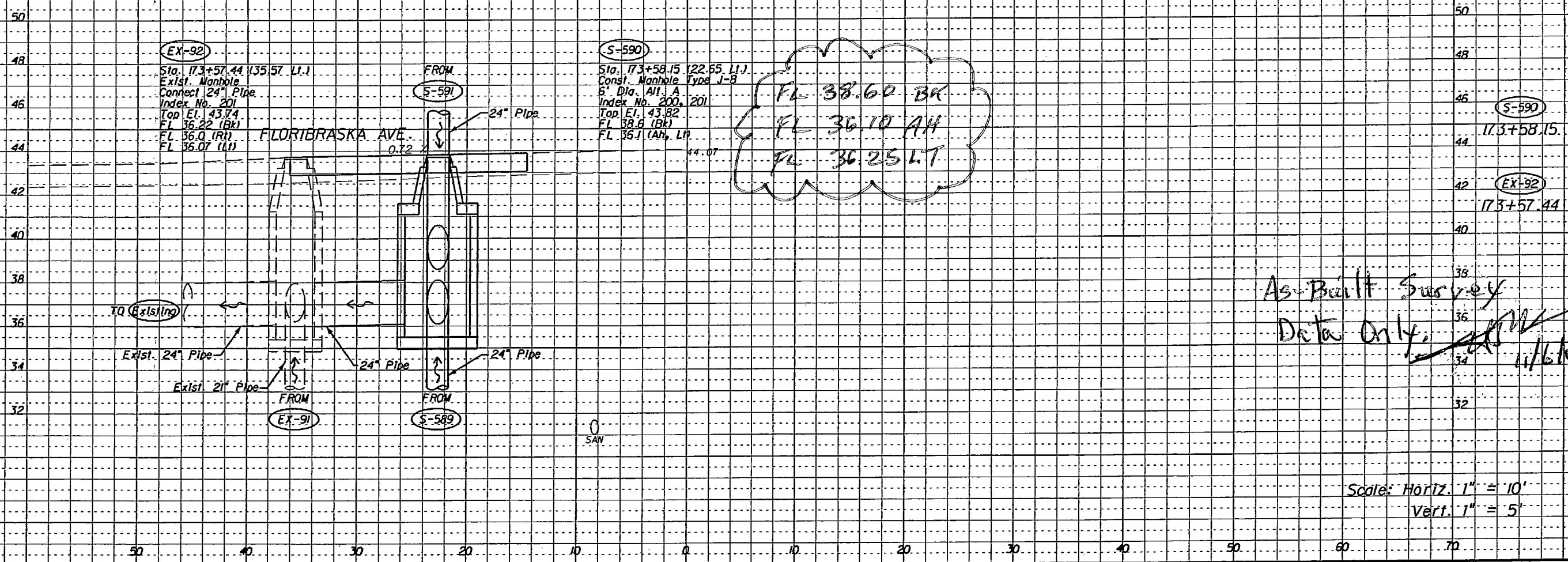
@ S.R. 45

EDWARDS-FANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown herein is for informational purposes only.



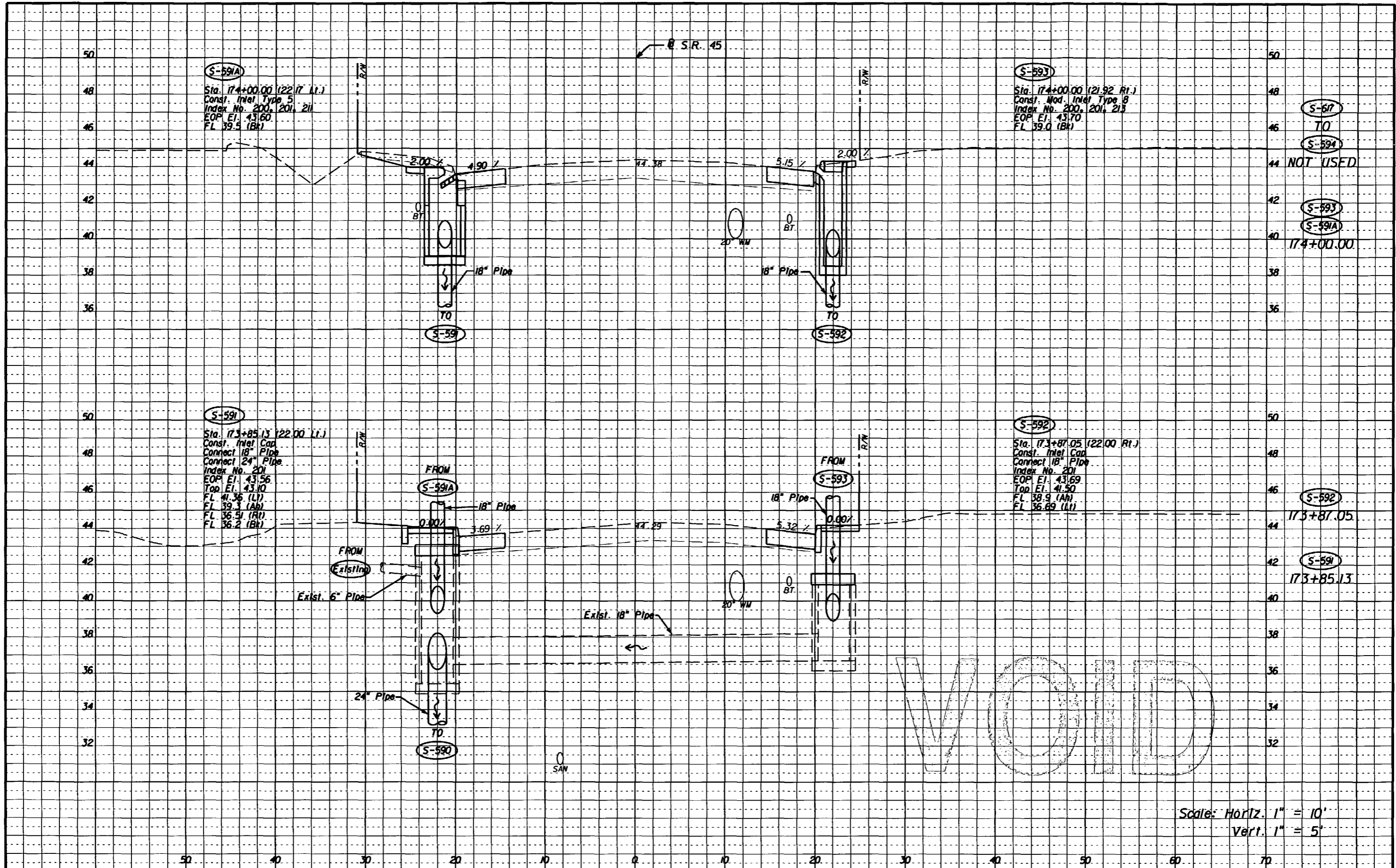
As-Built Survey  
Data Only. *[Signature]*  
11/16/08

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS						M. ARASTE, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE	SHEET NO. 104
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		





S-591A  
Sta. 174+00.00 (22.17 L.I.)  
Const. Inlet Type 5  
Index No. 200, 201, 211  
EOP El. 43.60  
FL 39.5 (Bk)

S-593  
Sta. 174+00.00 (21.92 R.I.)  
Const. Mod. Inlet Type 8  
Index No. 200, 201, 213  
EOP El. 43.70  
FL 39.0 (Bk)

S-591  
Sta. 173+85.13 (22.00 L.I.)  
Const. Inlet Cap  
Connect 18" Pipe  
Connect 24" Pipe  
Index No. 201  
EOP El. 43.56  
Top El. 43.10  
FL 41.36 (L)  
FL 39.3 (AR)  
FL 36.51 (RI)  
FL 36.2 (BK)

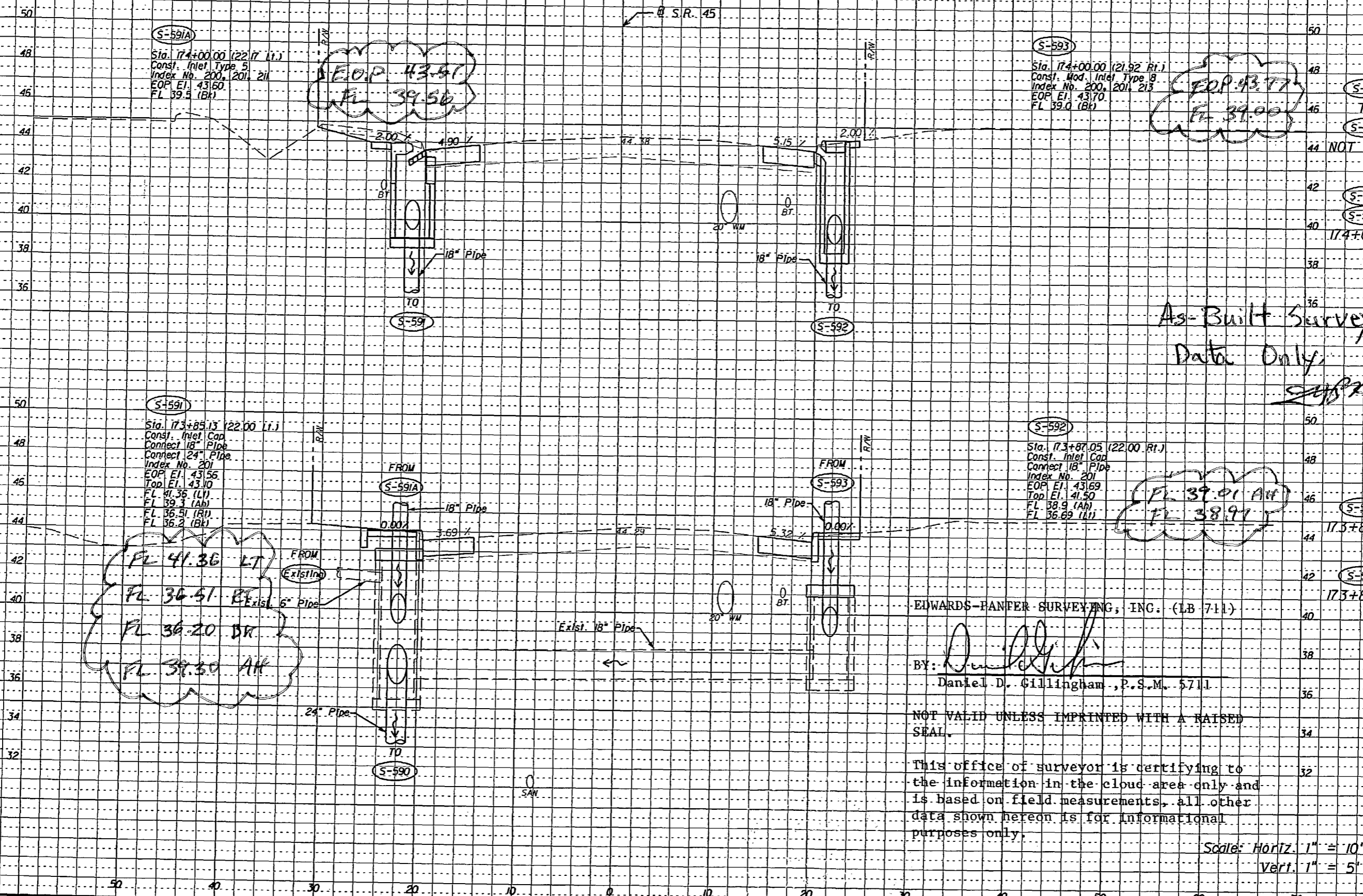
S-592  
Sta. 173+87.05 (22.00 R.I.)  
Const. Inlet Cap  
Connect 18" Pipe  
Index No. 201  
EOP El. 43.69  
Top El. 41.50  
FL 38.9 (AR)  
FL 36.69 (LI)

VOID

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-23.003, F.A.C.

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE	SHEET NO. 105
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			



As-Built Survey  
Data Only

*Submittal*

EDWARDS-PANFILER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M., 5711

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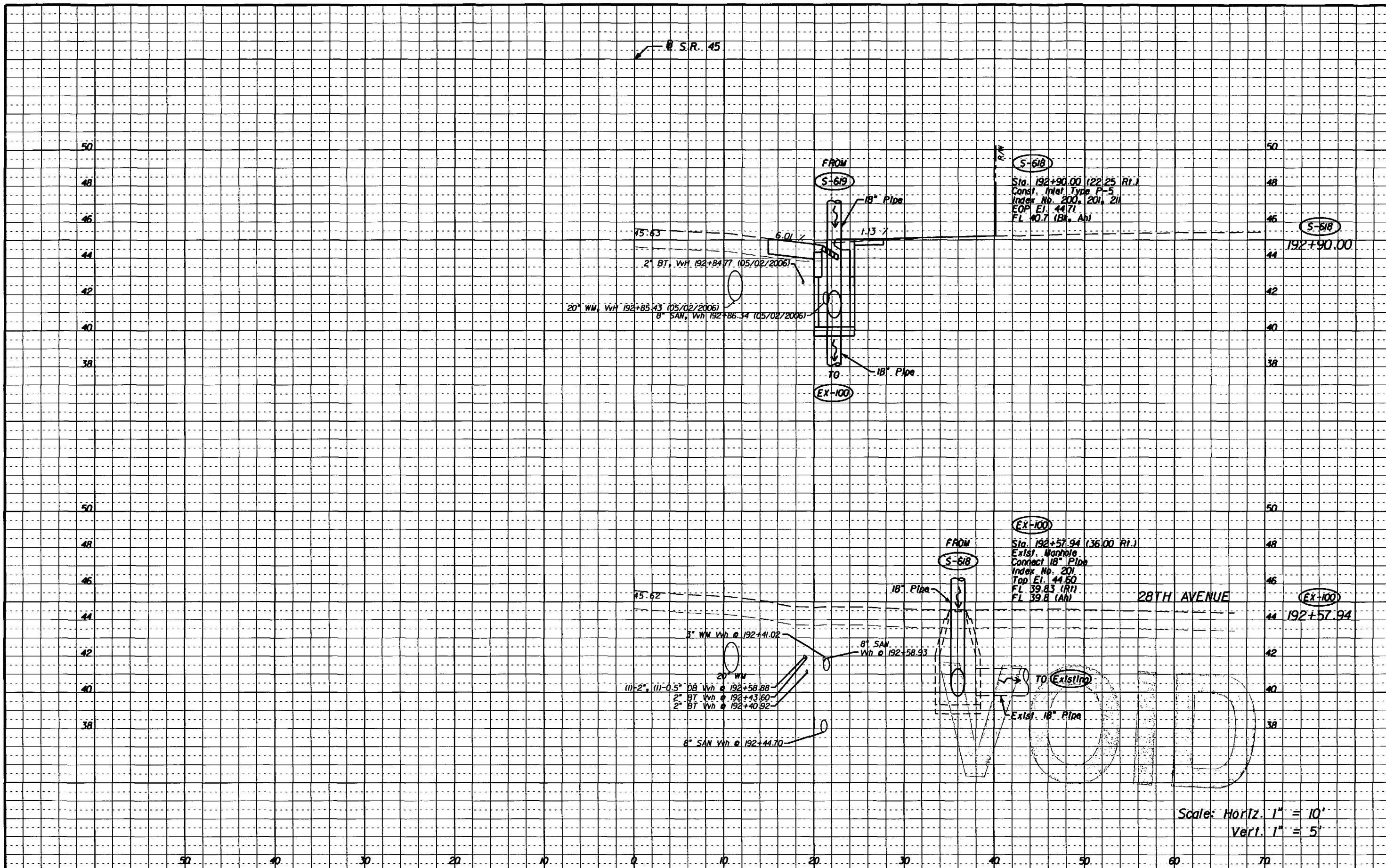
This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68F-23.003, F.A.C.

DATE		BY		DESCRIPTION	
REVISIONS					
DATE		BY		DESCRIPTION	

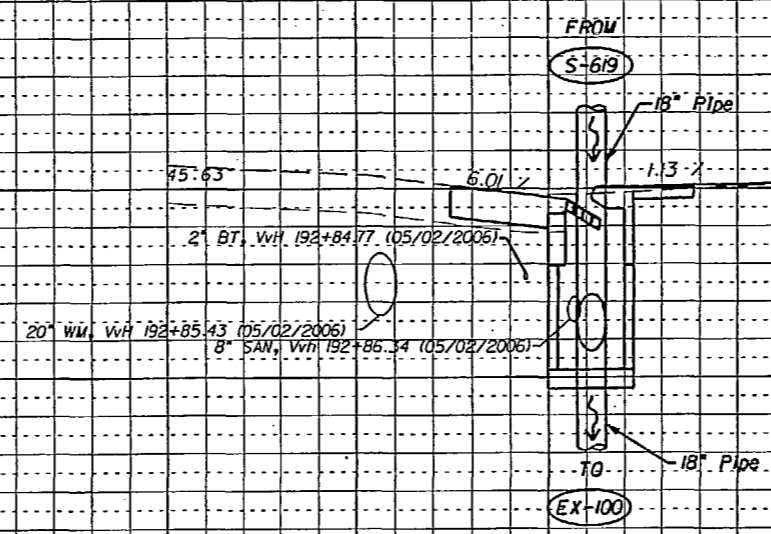
M. ARASTEH, P.E. P.E. LICENSE NUMBER 4910 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.		
S.R. 45	HILLSBOROUGH	255853-1-52-01	DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE		
			105		



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G5-23.003, F.A.C.

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DRAINAGE STRUCTURE SHEET</b> <b>NEBRASKA AVENUE</b>	SHEET NO.  106
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			

S.R. 45



S-618  
 Sta. 192+90.00 (22.25' RI.)  
 Const. Inter. Type P-5  
 Index No. 200, 201, 211  
 EOP. El. 44.71  
 FL 40.7 (Bk. Ah)

E.O.P. 44.71  
 FL 40.73

S-618  
 192+90.00

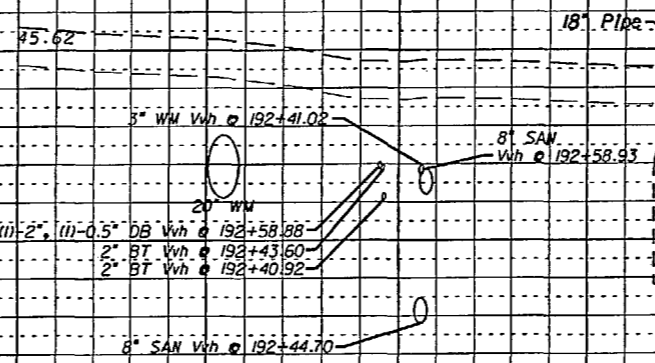
As-Built Survey  
 Data Only

*[Handwritten signature]*  
 11/11/08

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Handwritten signature]*  
 Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.  
 This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.



EX-100  
 Sta. 192+57.94 (36.00' RI.)  
 Exst. Manhole  
 Connect 18" Pipe  
 Index No. 201  
 Top El. 44.60  
 FL 39.83 (RT)  
 FL 39.8 (Ah)

TOP 44.60  
 FL 39.80 RT  
 FL 39.80 AH  
 28TH AVENUE

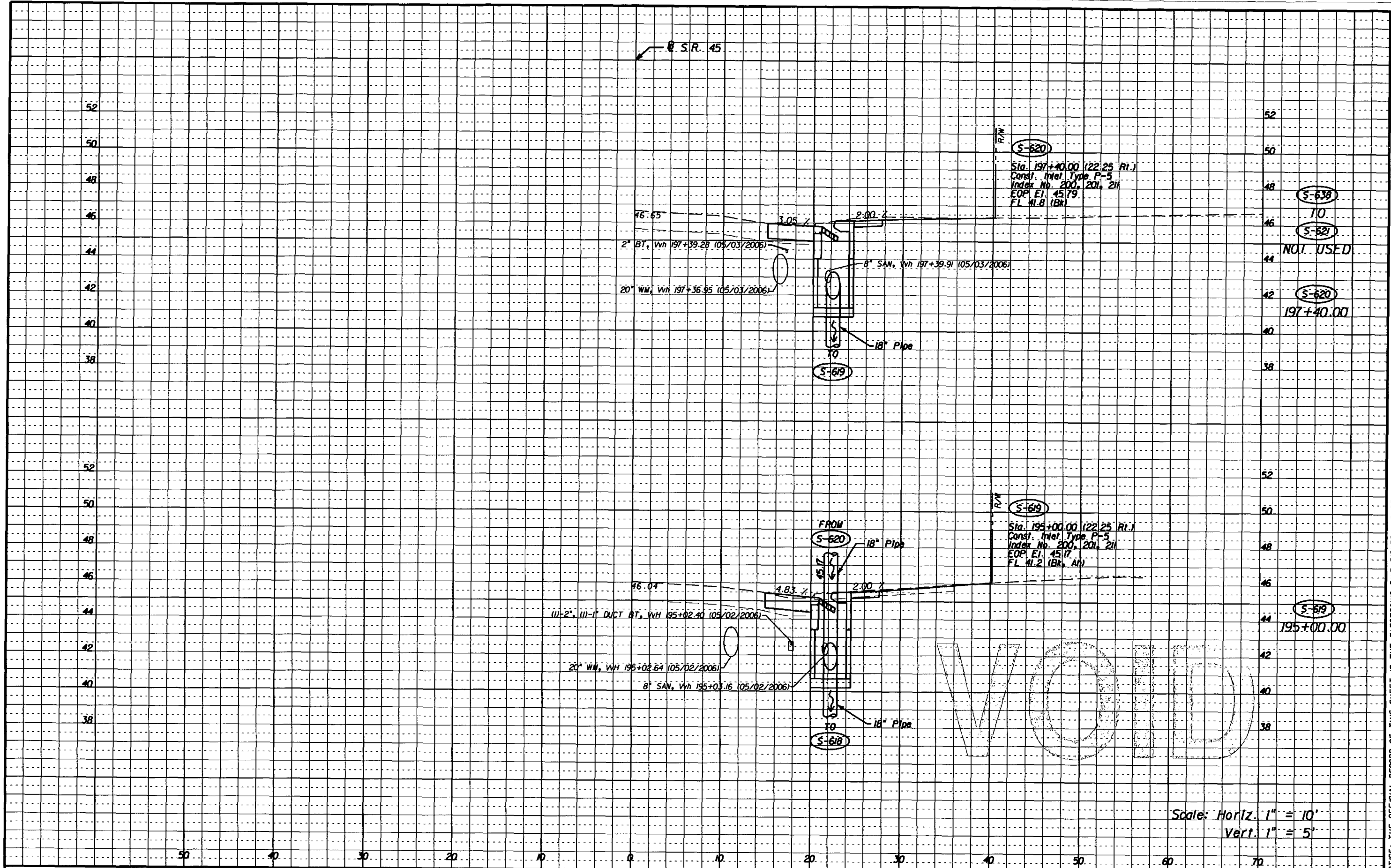
EX-100  
 192+57.94

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

REVISIONS				M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE	SHEET NO. 106
DATE	BY	DESCRIPTION	DATE		BY	DESCRIPTION	ROAD NO.		
							S.R. 45	HILLSBOROUGH	255853-1-52-01





S-620  
Sta. 197+40.00 (22.25 Rt.)  
Const. Inter. Type P-5  
Index No. 200, 201, 211  
EOP E1. 45.79  
FL 41.8 (BR)

S-619  
Sta. 195+00.00 (22.25 Rt.)  
Const. Inter. Type P-5  
Index No. 200, 201, 211  
EOP E1. 45.17  
FL 41.2 (BR, AN)

S-638  
10

S-621  
NOT USED

S-620  
197+40.00

S-619  
195+00.00

W O I L D

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

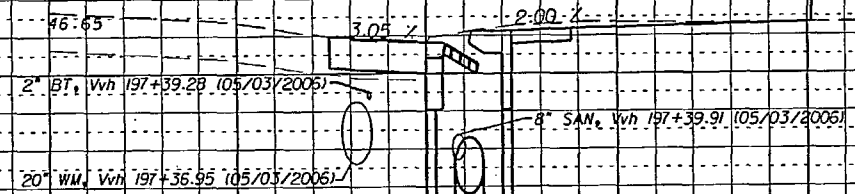
**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
107

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

S.R. 45

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S-620  
Sta. 197+40.00 (22.25 Rt.)  
Const. Inlet Type P-5  
Index No. 200, 201, 211  
EOP El. 45.79  
FL 41.8 (Bk)

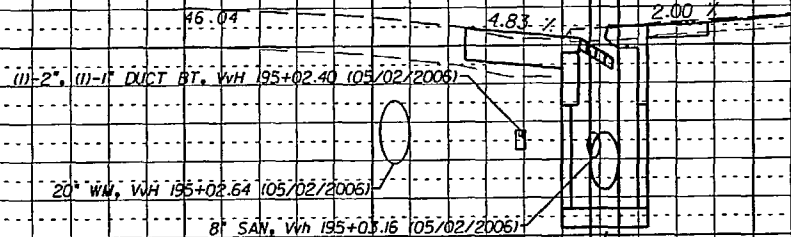
E.O.P. 45.64  
FL 41.80

S-638  
TO  
S-621  
NOT USED

S-620  
197+40.00

As-Built Survey  
Data Only

*[Signature]*  
11/16/08



S-619  
Sta. 195+00.00 (22.25 Rt.)  
Const. Inlet Type P-5  
Index No. 200, 201, 211  
EOP El. 45.17  
FL 41.2 (Bk, AH)

E.O.P. 45.22  
FL 41.20

S-619  
195+00.00

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

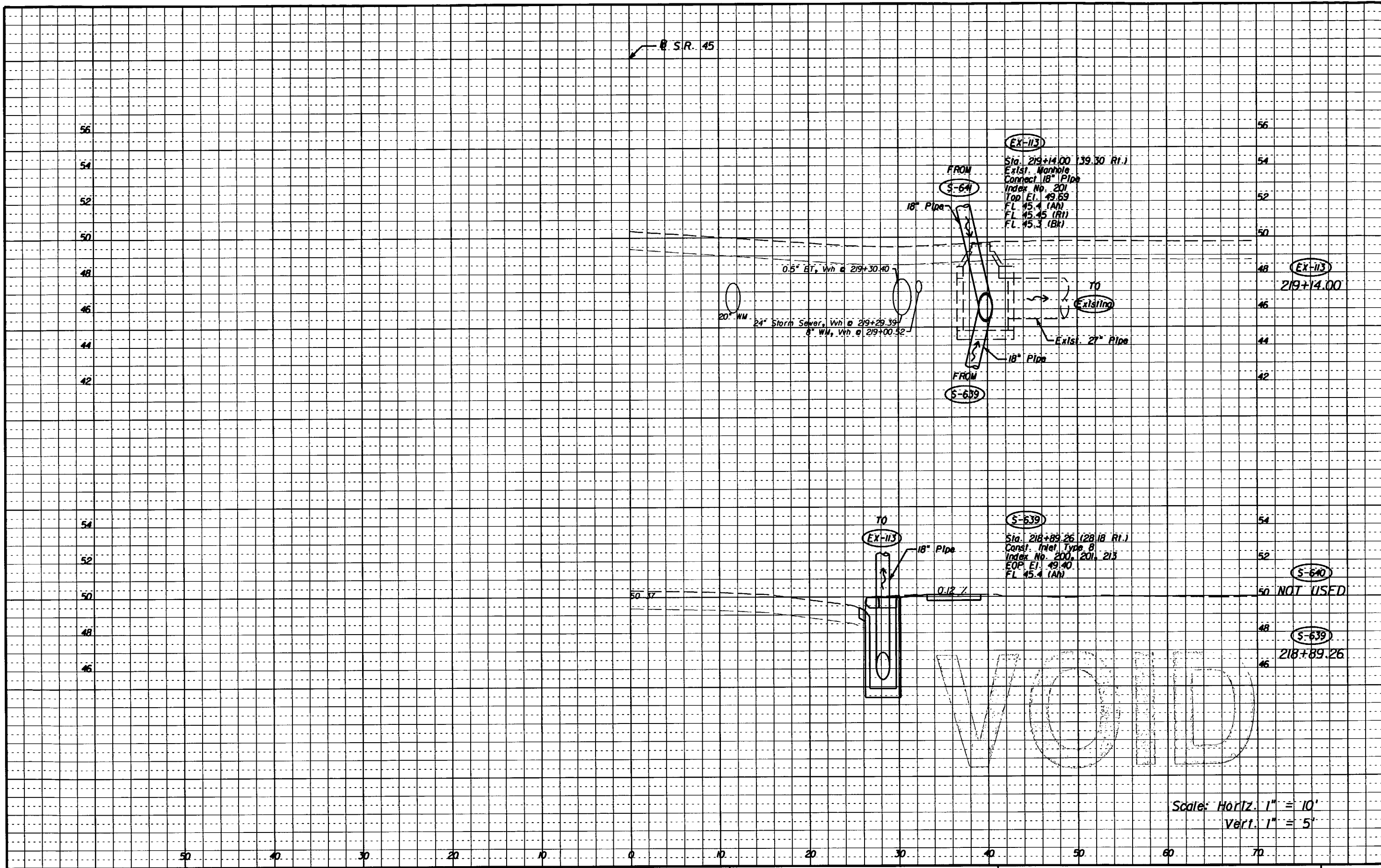
This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

DATE		BY	DESCRIPTION	REVISIONS		DATE		BY	DESCRIPTION		
<p>M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A</p>											
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROAD NO.			COUNTY			FINANCIAL PROJECT ID		
S.R. 45			HILLSBOROUGH			255853-1-52-01			SHEET NO. 107		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.





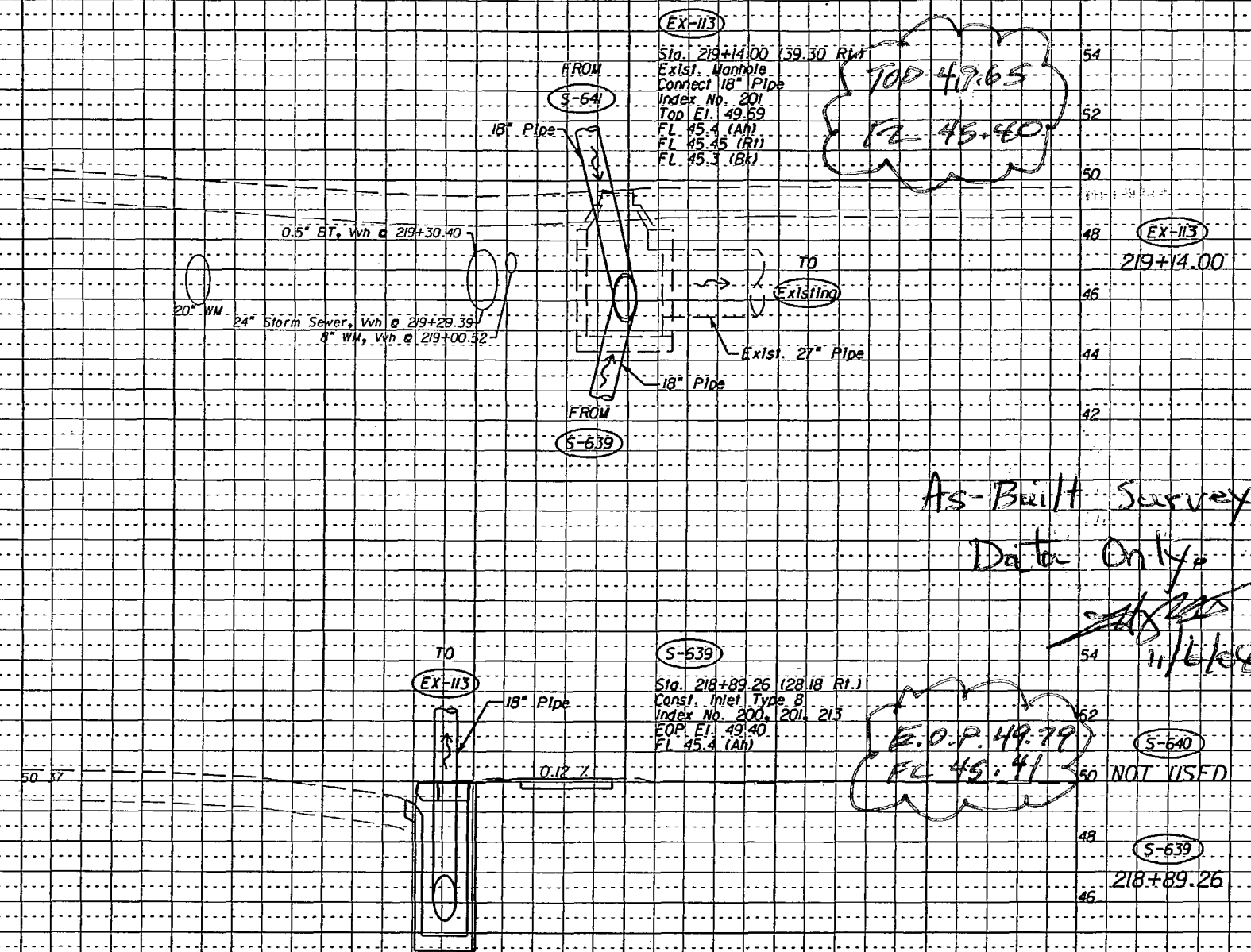
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DRAINAGE STRUCTURE SHEET</b> <b>NEBRASKA AVENUE</b>	SHEET NO. 108
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

S.R. 45

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48  
46



EDWARDS-PANTER SURVEYING, INC. (LE-711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

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Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

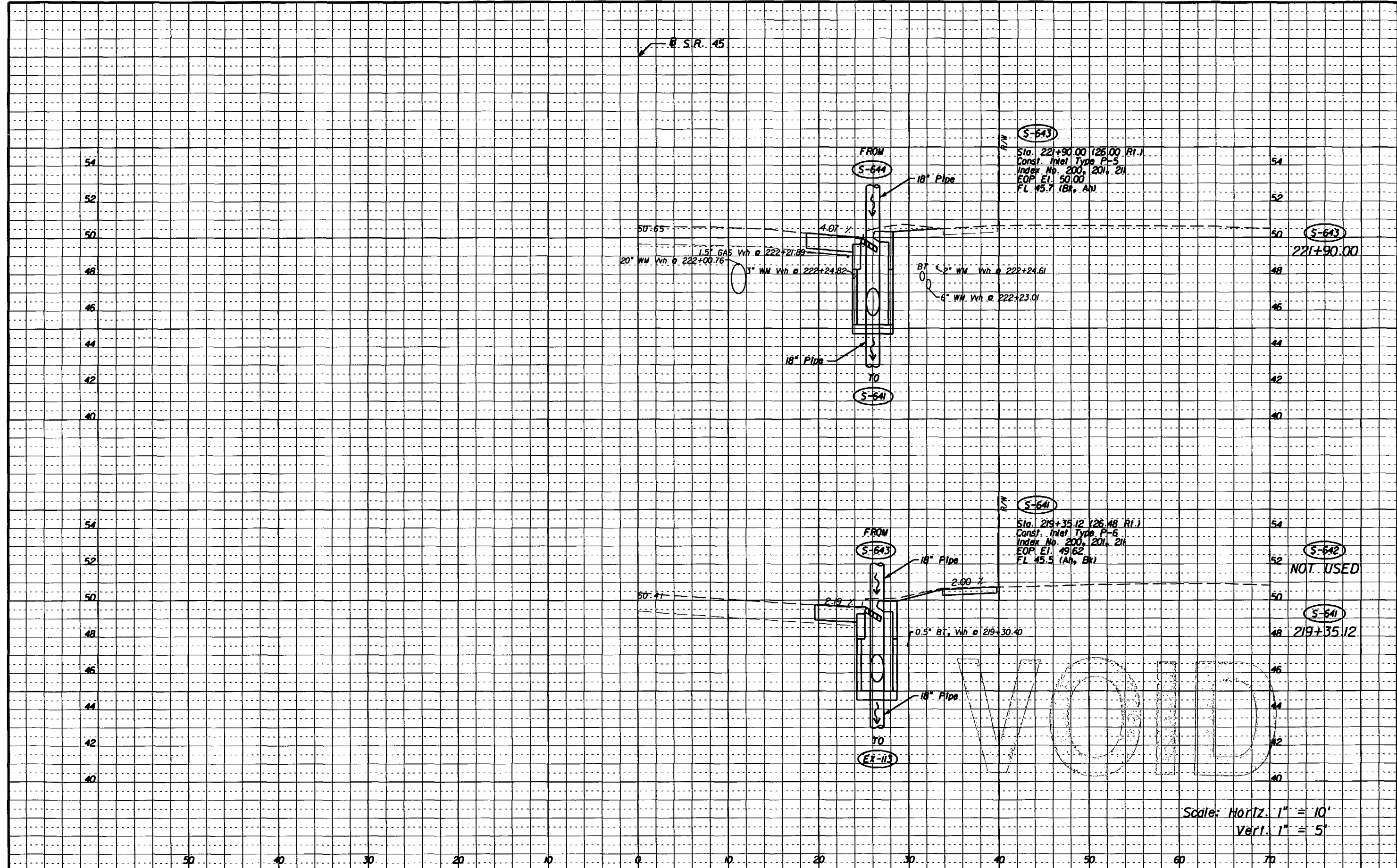
M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
108

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60G15-23.003, F.A.C.



S-643  
 Sta. 221+90.00 (26.00 RI.)  
 Const. Inlet Type P-5  
 Index No. 200, 201, 211  
 EOP El. 50.00  
 FL 45.7 (BR, AD)

S-641  
 Sta. 219+35.12 (26.48 RI.)  
 Const. Inlet Type P-6  
 Index No. 200, 201, 211  
 EOP El. 49.62  
 FL 45.5 (Ah, Bk)

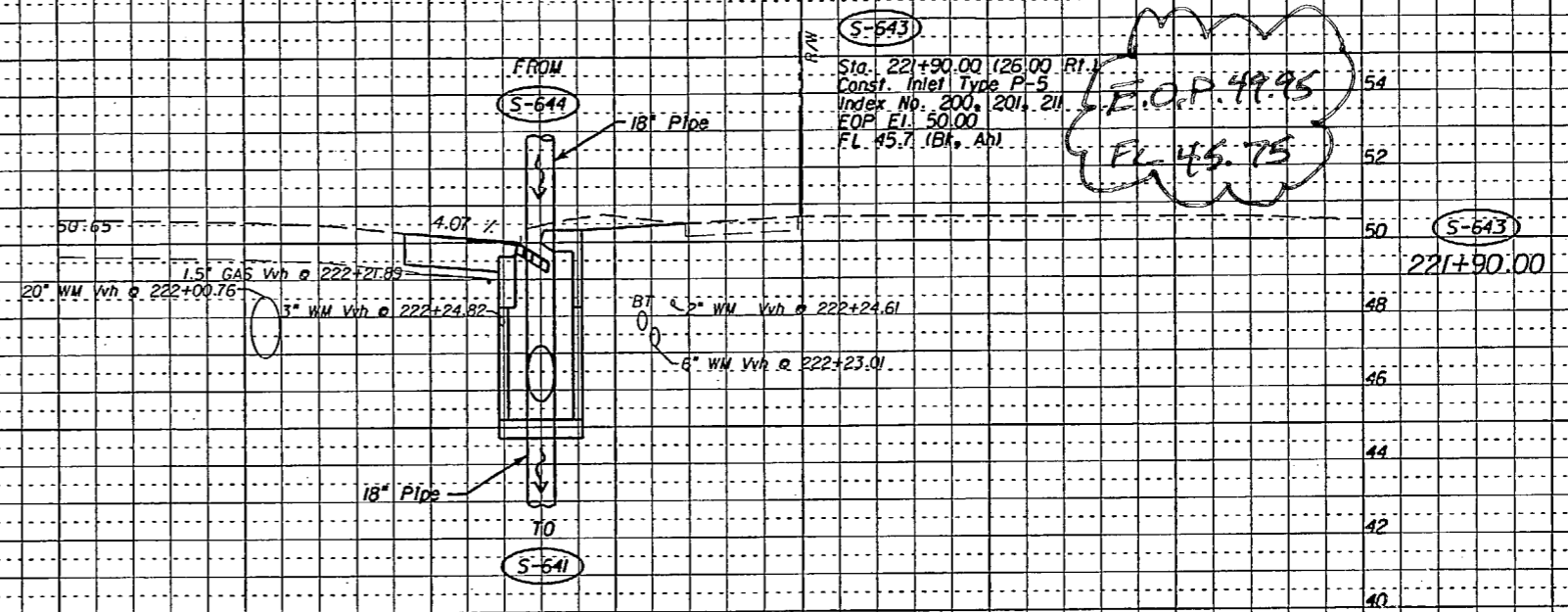
VOID

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 109
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							S.R. 45	HILLSBOROUGH	255853-1-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G15-23.003, F.A.C.

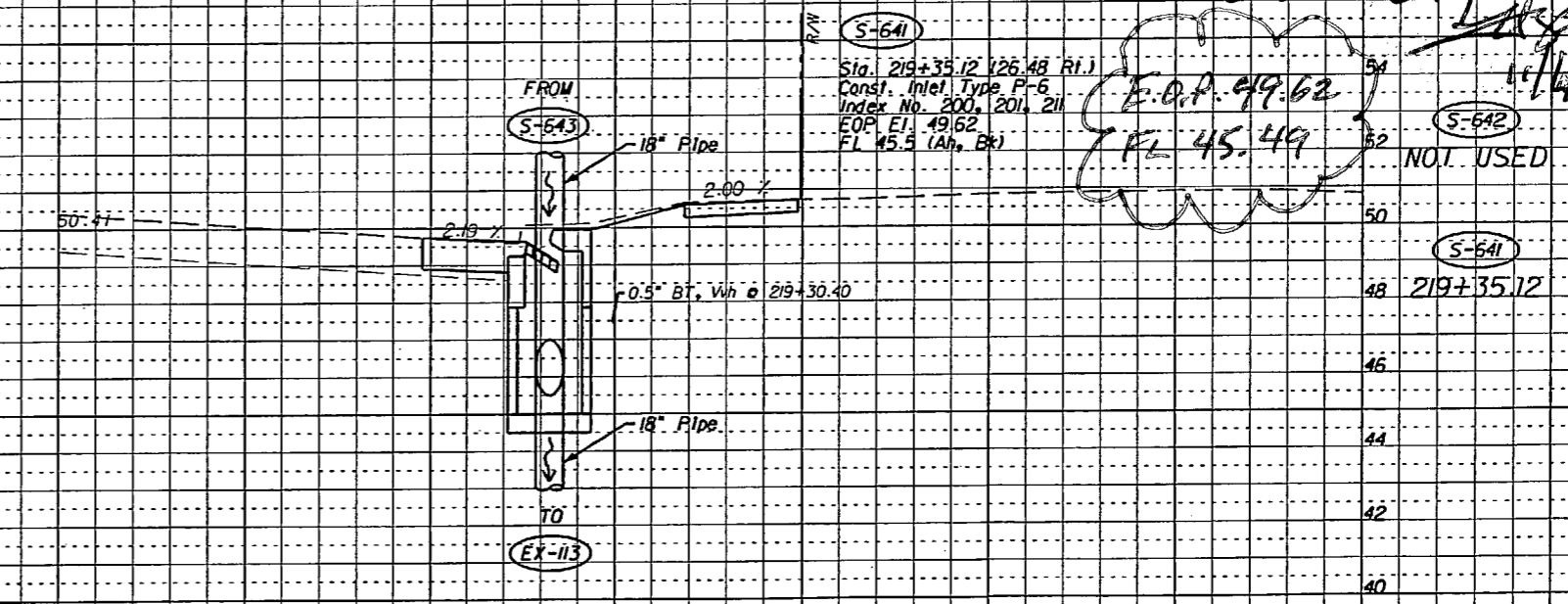
S.R. 45



S-643  
Sta. 221+90.00 (26.00 Rt.)  
Const. Inlet Type P-5  
Index No. 200, 201, 211  
EOP El. 50.00  
FL 45.7 (Bk. Ab)

E.O.P. 49.95  
FL 45.75

S-643  
221+90.00



S-641  
Sta. 219+35.12 (26.48 Rt.)  
Const. Inlet Type P-6  
Index No. 200, 201, 211  
EOP El. 49.62  
FL 45.5 (Ab. Bk)

E.O.P. 49.62  
FL 45.49

S-642  
NOT USED

S-641  
219+35.12

EDWARDS-PANTER SURVEYING, INC. (LB 7.11)

BY: *[Signature]*

Daniel D. Gillingham, P.S.M. 5711

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Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

DATE		BY		DESCRIPTION	

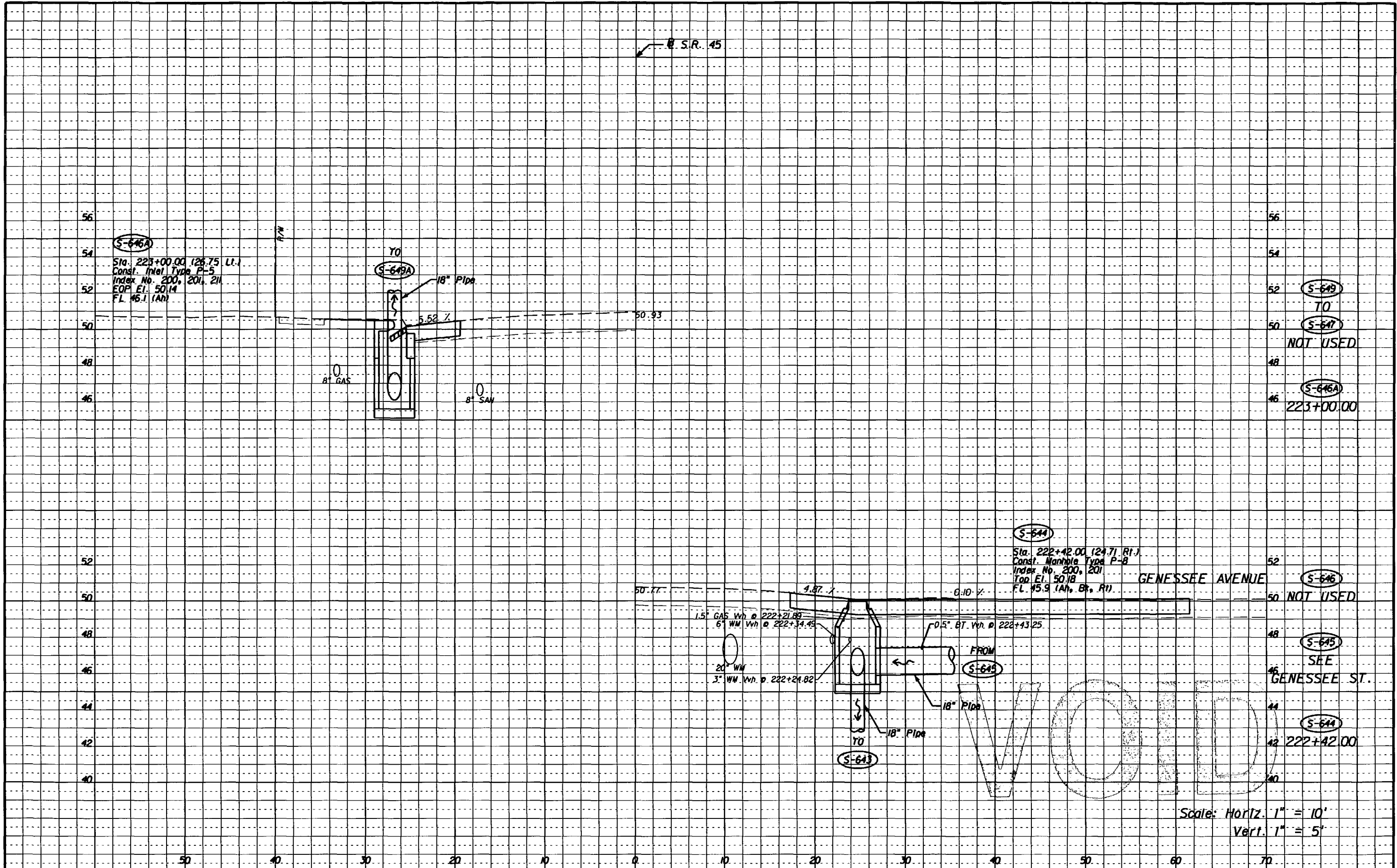
M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
109

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G15-23.003, F.A.C.



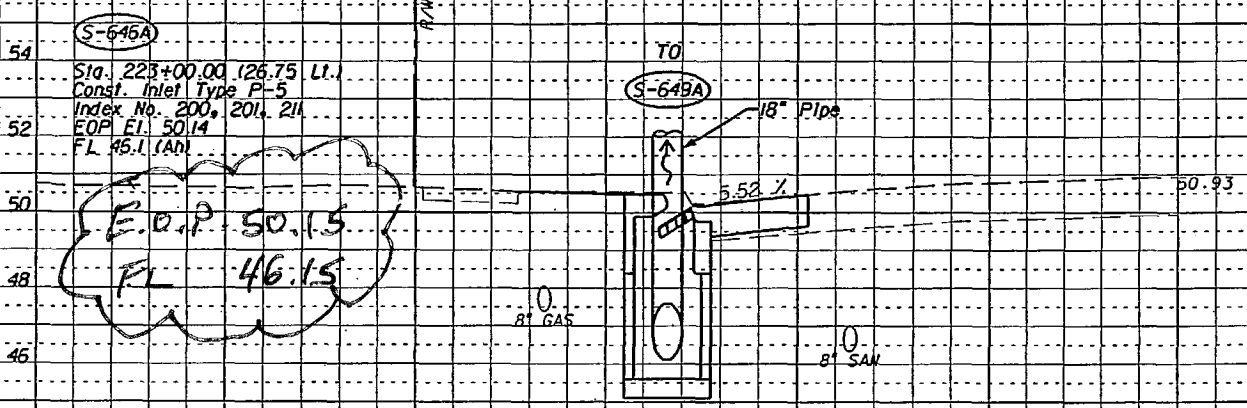
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DATE		BY		DESCRIPTION	
REVISIONS					

M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	<b>DRAINAGE STRUCTURE SHEET</b> <b>NEBRASKA AVENUE</b>		
S.R. 45	HILLSBOROUGH	255853-1-52-01			
			SHEET NO.	110	



S.R. 45

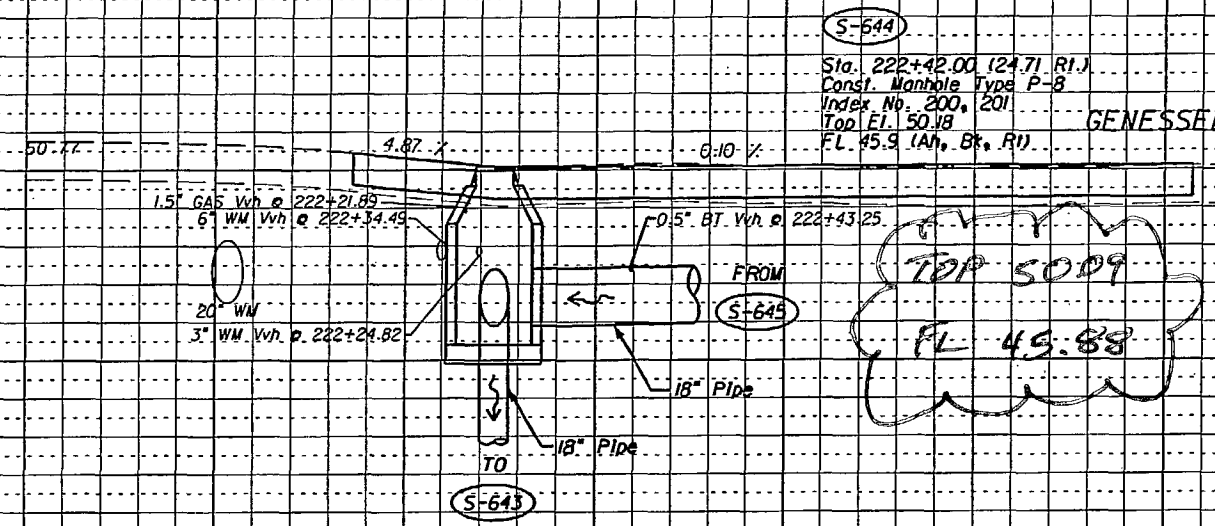


S-649  
TO  
S-647  
NOT USED  
S-645A  
223+00.00

As-Built Survey  
Data Only  
*[Signature]* 4/6/08

EDWARDS-PANTER SURVEYING, INC. (LB 711)  
BY: *[Signature]*  
Daniel D. Gillingham, P.E.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.  
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S-644  
Sta. 222+42.00 (24.71 RI)  
Const. Manhole Type P-8  
Index No. 200, 201  
Top El. 50.18  
FL 45.9 (Ah, Bt, R1)  
GENESSEE AVENUE  
S-646  
NOT USED  
S-645  
SEE  
GENESSEE ST.  
S-644  
222+42.00

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 4910  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

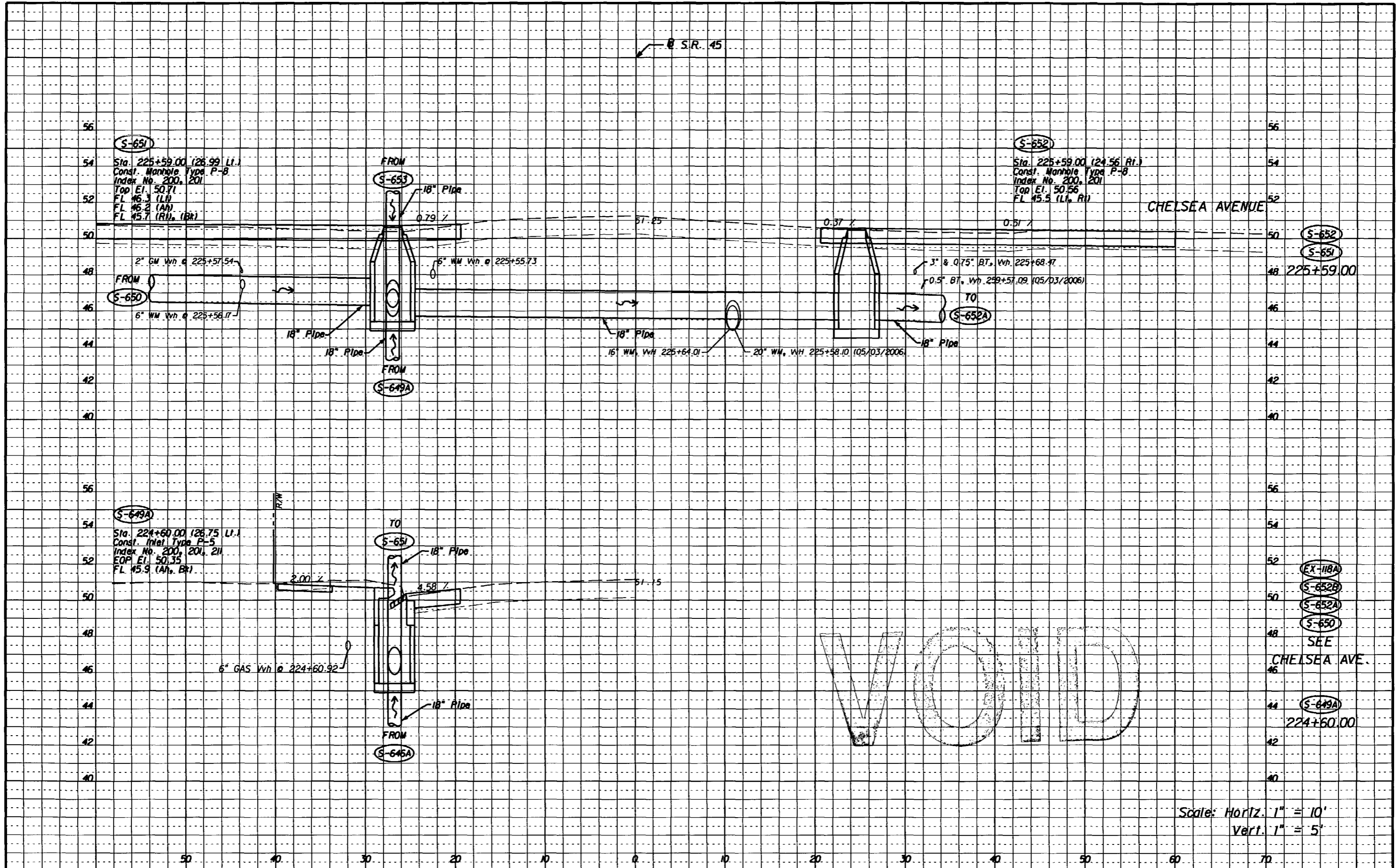
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
110

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.





S-651

Sta. 225+59.00 (26.99 Lt.)  
 Const. Manhole Type P-8  
 Index No. 200, 201  
 Top El. 50.71  
 Fl. 46.3 (Ll)  
 Fl. 46.2 (Ah)  
 Fl. 45.7 (Rl), (Rk)

S-652

Sta. 225+59.00 (24.56 Rt.)  
 Const. Manhole Type P-8  
 Index No. 200, 201  
 Top El. 50.56  
 Fl. 45.5 (Ll, Rl)

S-649A

Sta. 224+60.00 (28.75 Lt.)  
 Const. Inlet Type P-5  
 Index No. 200, 201, 211  
 EOP El. 50.35  
 Fl. 45.9 (Ah, Br)

EX-118A

S-652B

S-652A

S-650

SEE

CHELSEA AVE.

S-649A

224+60.00

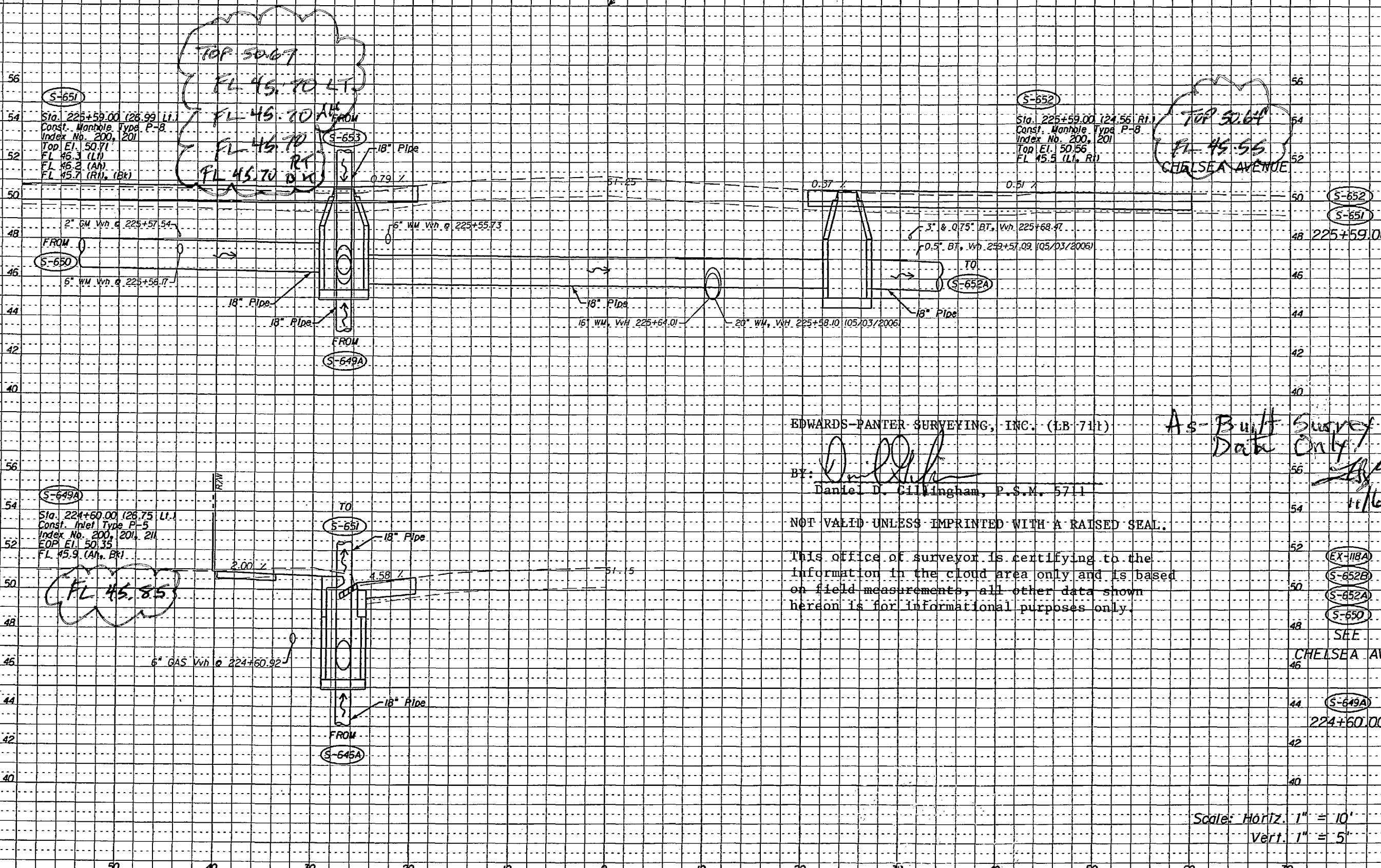
VOID

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE	SHEET NO. III
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68F5-23.003, F.A.C.

S.R. 45



EDWARDS-PANTER SURVEYING, INC. (LB-711)  
 BY: *[Signature]*  
 Daniel D. Cillingham, P.S.M. 5711

As-Built Survey  
 Data Only  
*[Signature]*  
 11/6/08

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.  
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Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

S-649A  
 Sta. 224+60.00 (28.75 LI.)  
 Const. Inlet Type P-5  
 Index No. 200, 201, 211  
 EOP El. 50.35  
 FL 45.9 (An, Br)  
 (FL 45.85)

S-651  
 Sta. 225+59.00 (28.99 LI.)  
 Const. Manhole Type P-8  
 Index No. 200, 201  
 Top El. 50.71  
 FL 45.3 (LI)  
 FL 45.2 (AN)  
 FL 45.7 (RI, BK)

S-652  
 Sta. 225+59.00 (24.56 RI.)  
 Const. Manhole Type P-8  
 Index No. 200, 201  
 Top El. 50.56  
 FL 45.5 (LI, RI)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

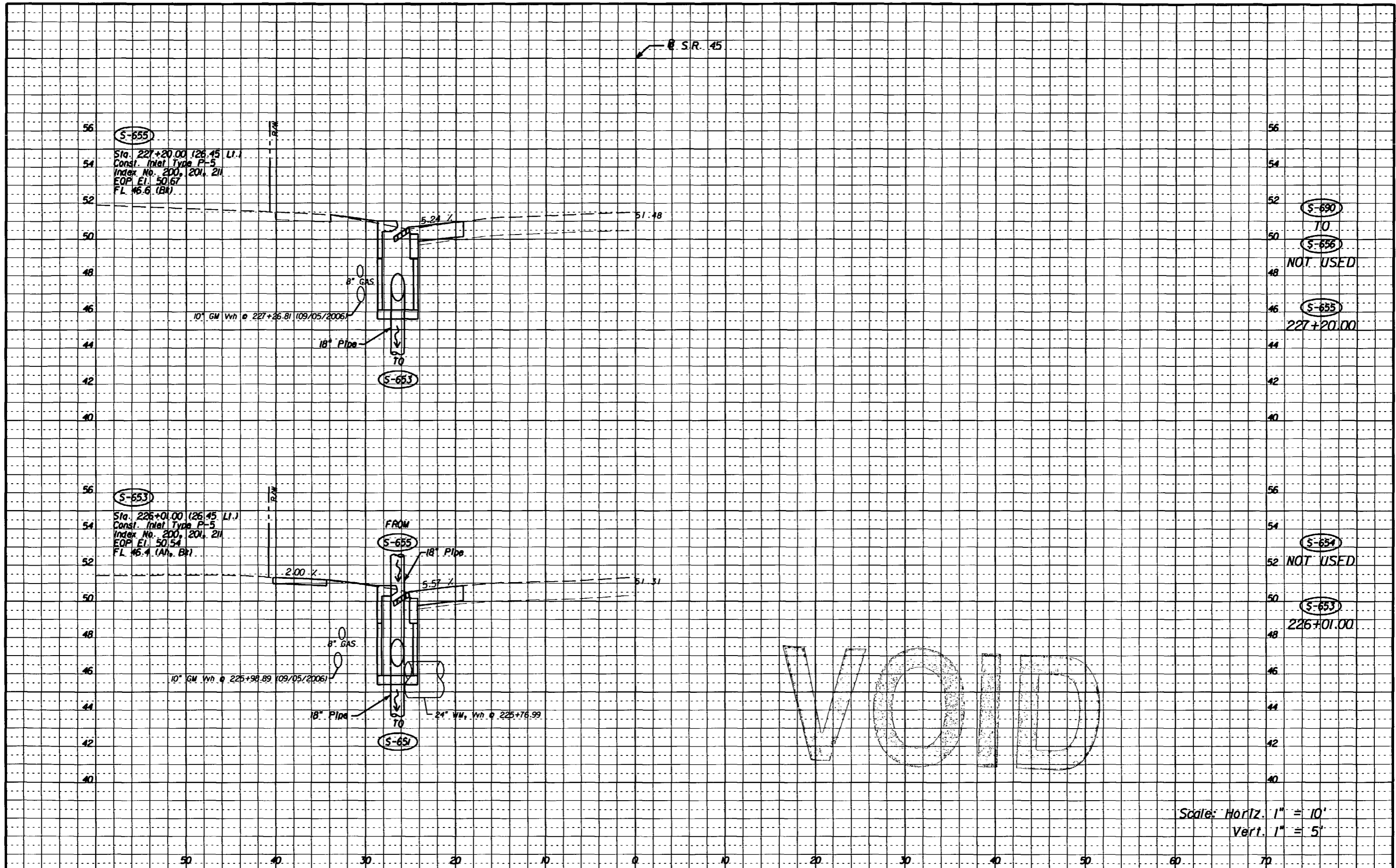
M. ARASTEH, P.E.  
 P.E. LICENSE NUMBER 49110  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
 III

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



S-555  
 Sta. 227+20.00 (26.45 L.I.)  
 Const. Inlet Type P-5  
 Index No. 200, 201, 211  
 EOP El. 50.67  
 FL 46.6 (BA)

S-553  
 Sta. 226+01.00 (26.45 L.I.)  
 Const. Inlet Type P-5  
 Index No. 200, 201, 211  
 EOP El. 50.54  
 FL 46.4 (Ah, Bt)

S-690  
 TO  
 S-656  
 NOT USED  
 S-655  
 227+20.00

S-654  
 NOT USED  
 S-653  
 226+01.00

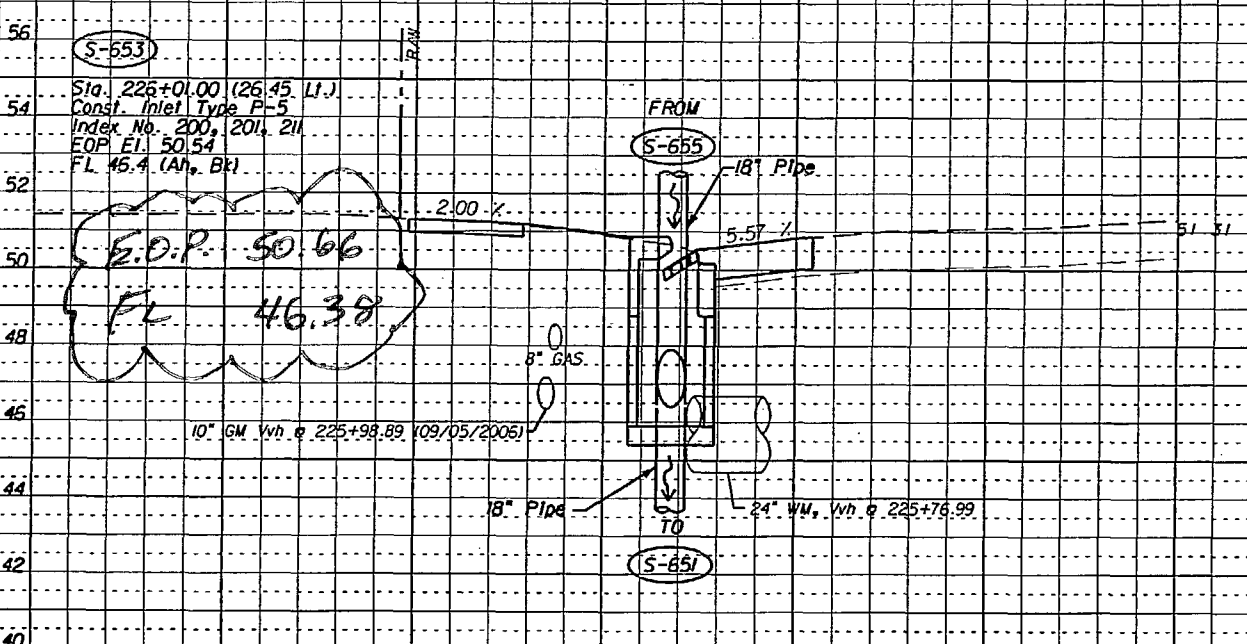
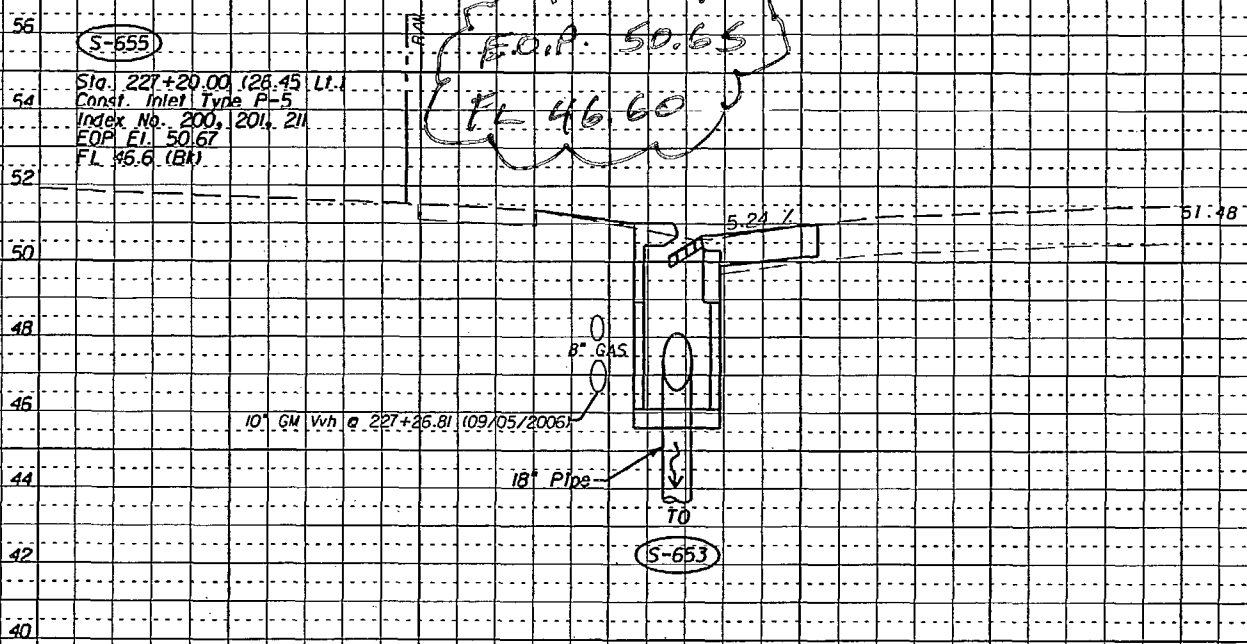
VOID

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-23.003, F.A.C.

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NEBRASKA AVENUE	SHEET NO. 112
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			

S.R. 45



S-690  
TO  
S-656  
NOT USED  
S-655  
227+20.00

S-654  
NOT USED  
S-653  
226+01.00

As-Built Survey  
Data Only

*[Signature]*  
11/16/08

EDWARDS-PANTER SURVEYING, INC. (LB-811)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 9711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

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Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

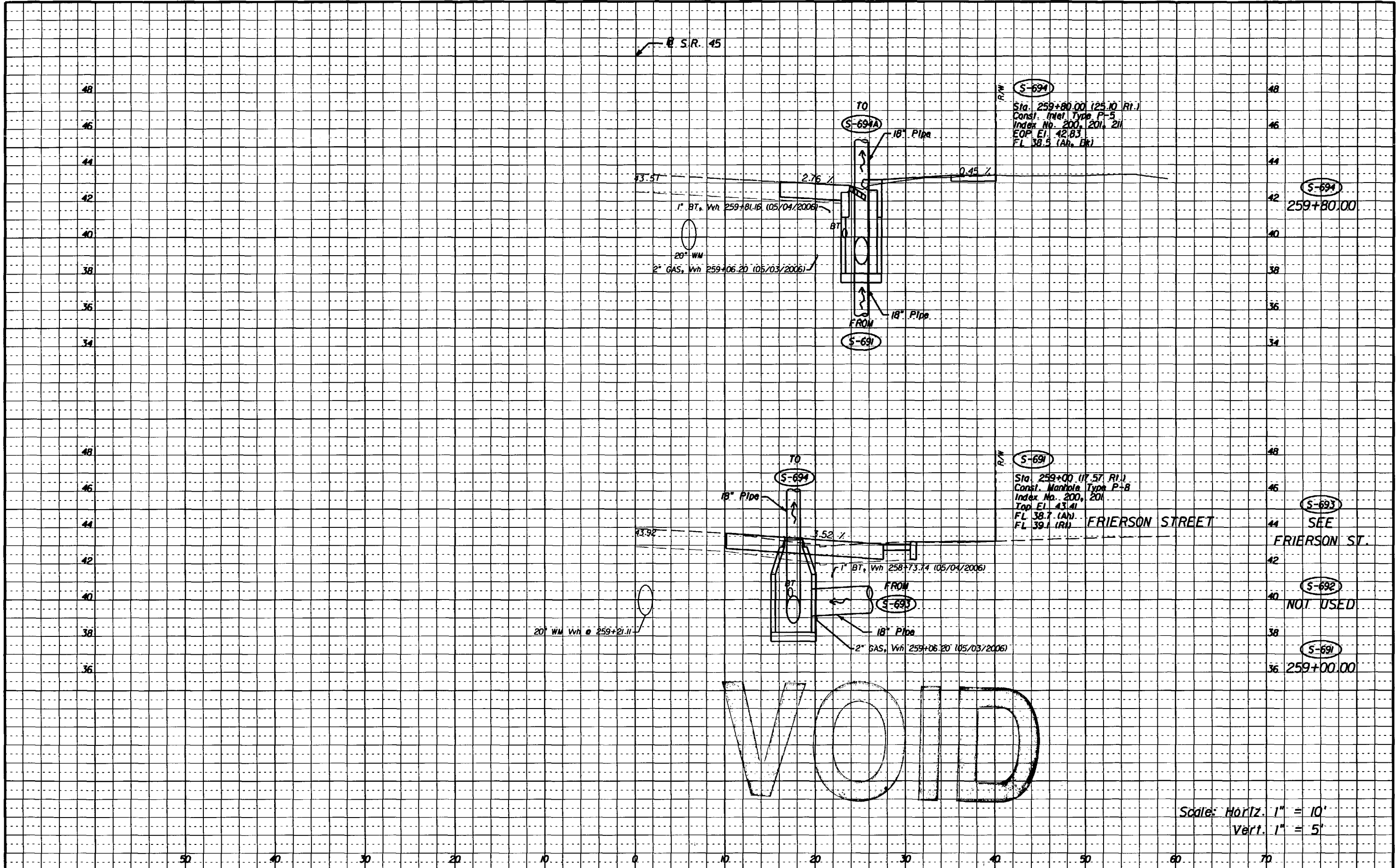
M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
112

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



VOID

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

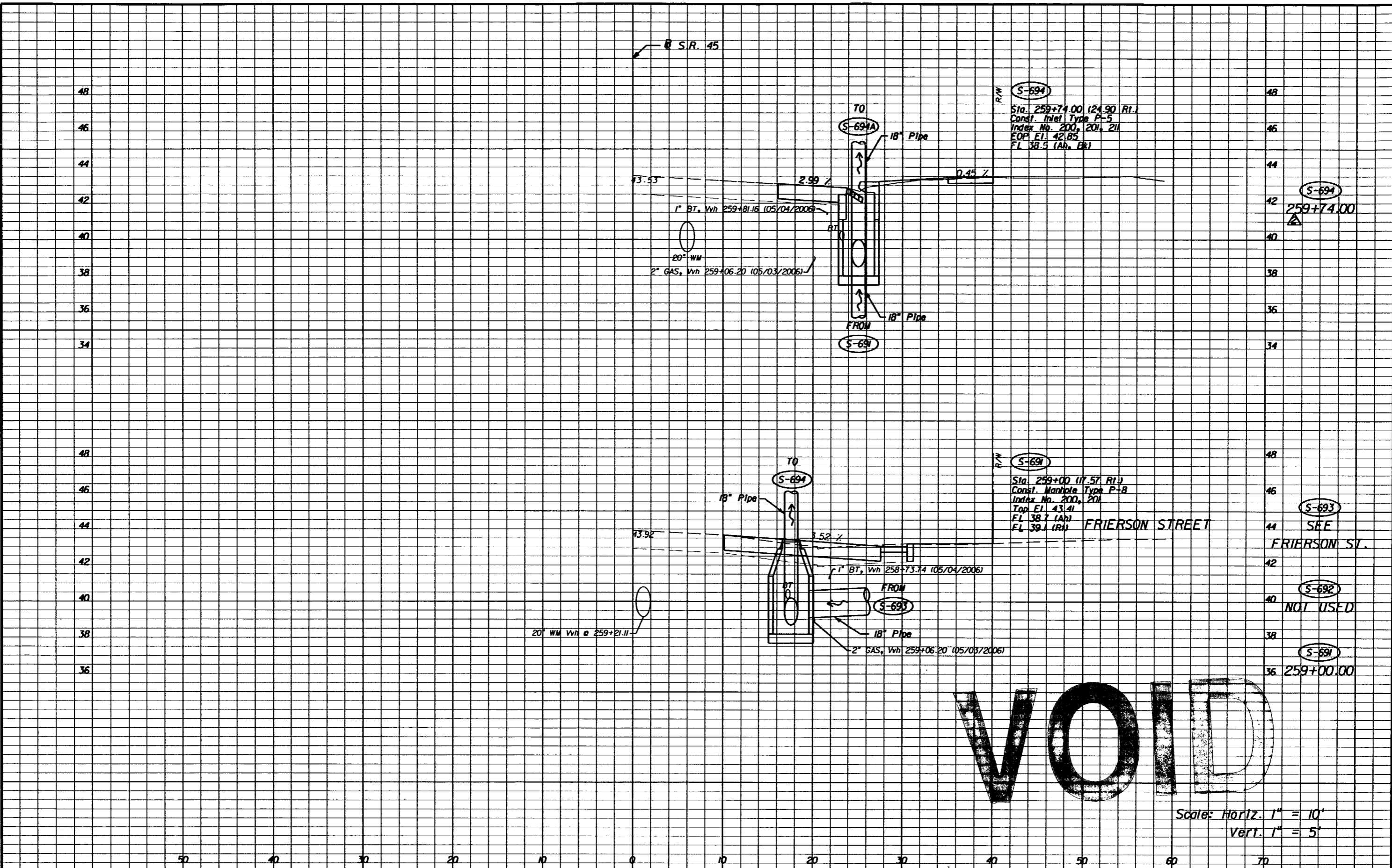
DATE		BY		DESCRIPTION	

<b>REVISIONS</b> DATE BY DESCRIPTION			M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A		
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DRAINAGE STRUCTURE SHEET</b> <b>NEBRASKA AVENUE</b>		
ROAD NO.		COUNTY		FINANCIAL PROJECT ID	
S.R. 45		HILLSBOROUGH		255853-1-52-01	
SHEET NO.					113

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G15-23.003, F.A.C.





**S-694**  
 Sta. 259+74.00 (24.90 RL)  
 Const. Inlet Type P-5  
 Index No. 200, 201, 211  
 EOP El. 42.85  
 FL 38.5 (Ah, Bk)

**S-693**  
 Sta. 259+00 (17.57 RL)  
 Const. Manhole Type P-8  
 Index No. 200, 201  
 Top El. 43.41  
 FL 38.7 (Ah)  
 FL 39.1 (RI)

FRIERSON STREET

**VOID**

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	JM	Moved S-694 to Sta. 259+74.00			

M. ARASTEH, P.E.  
 P.E. LICENSE NUMBER 49110  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

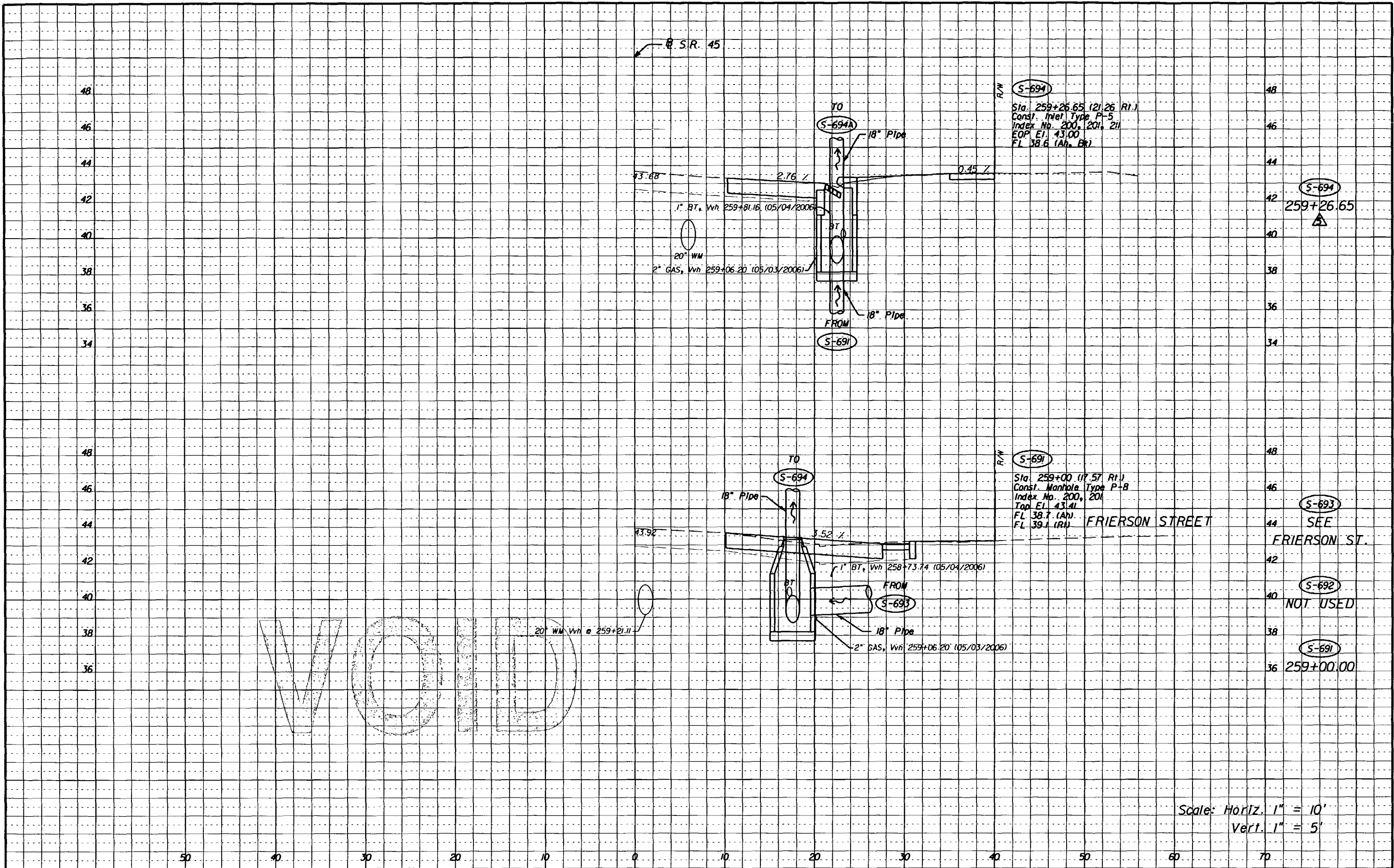
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
 113

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.





VOID

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

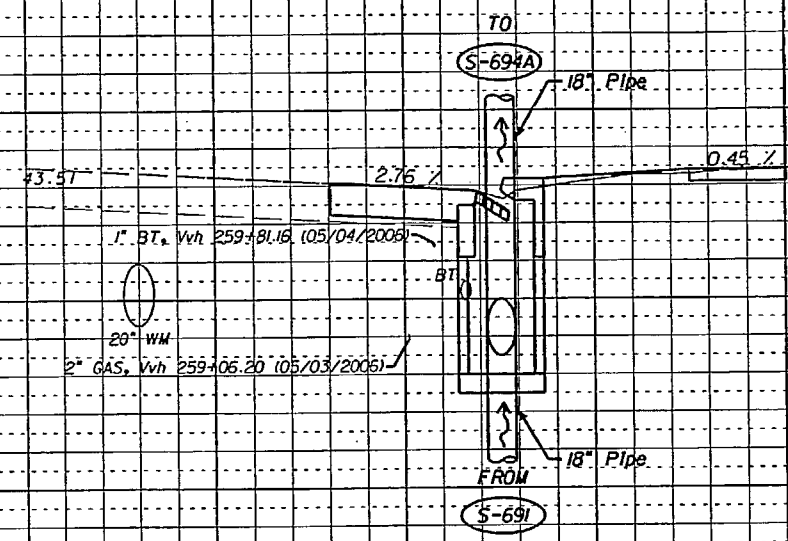
REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DRAINAGE STRUCTURE SHEET</b> <b>NEBRASKA AVENUE</b>	SHEET NO.  113
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
02/27/08	JJM	MOVED S-694 TO STATION 259+26.65, EOP EL 43.00', AND FL 38.6' (CHANGED DUE TO PRIVATE D/W MODS)				S.R. 45	HILLSBOROUGH	255853-1-52-01			
02/27/08	JJM										

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60G5-23.003, F.A.C.

S.R. 45

S-694  
Sta. 259+80.00 (25.10 Rt.)  
Const. Inlet Type P-5  
Index No. 200, 201, 211  
EOP El. 42.83  
FL 38.5 (Ah, Bk)

E.O.P. 42.96  
FL 38.55



EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

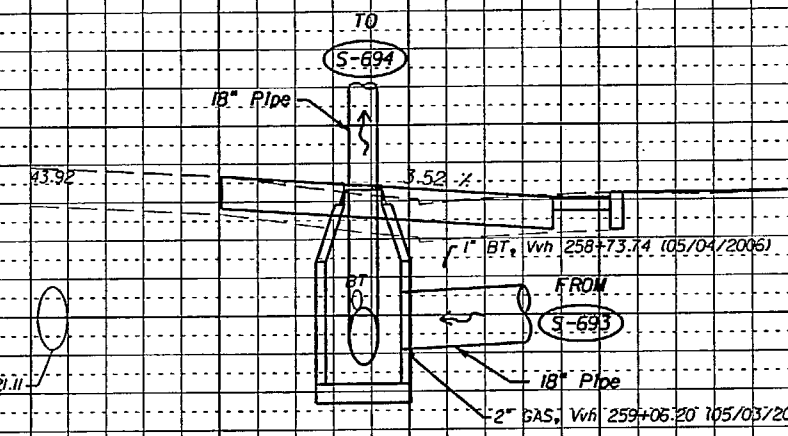
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As-Built Survey Data Only  
*[Signature]*  
1/16/08

S-691  
Sta. 259+00 (17.57 Rt.)  
Const. Manhole Type P-8  
Index No. 200, 201  
Top El. 43.41  
FL 38.7 (Ah)  
FL 39.1 (Rt)

FRIERSON STREET  
TOP 43.36  
FL 38.94 AH  
FL 39.17 RT



S-693 SEE  
FRIERSON ST.  
S-692 NOT USED  
S-691  
259+00.00

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

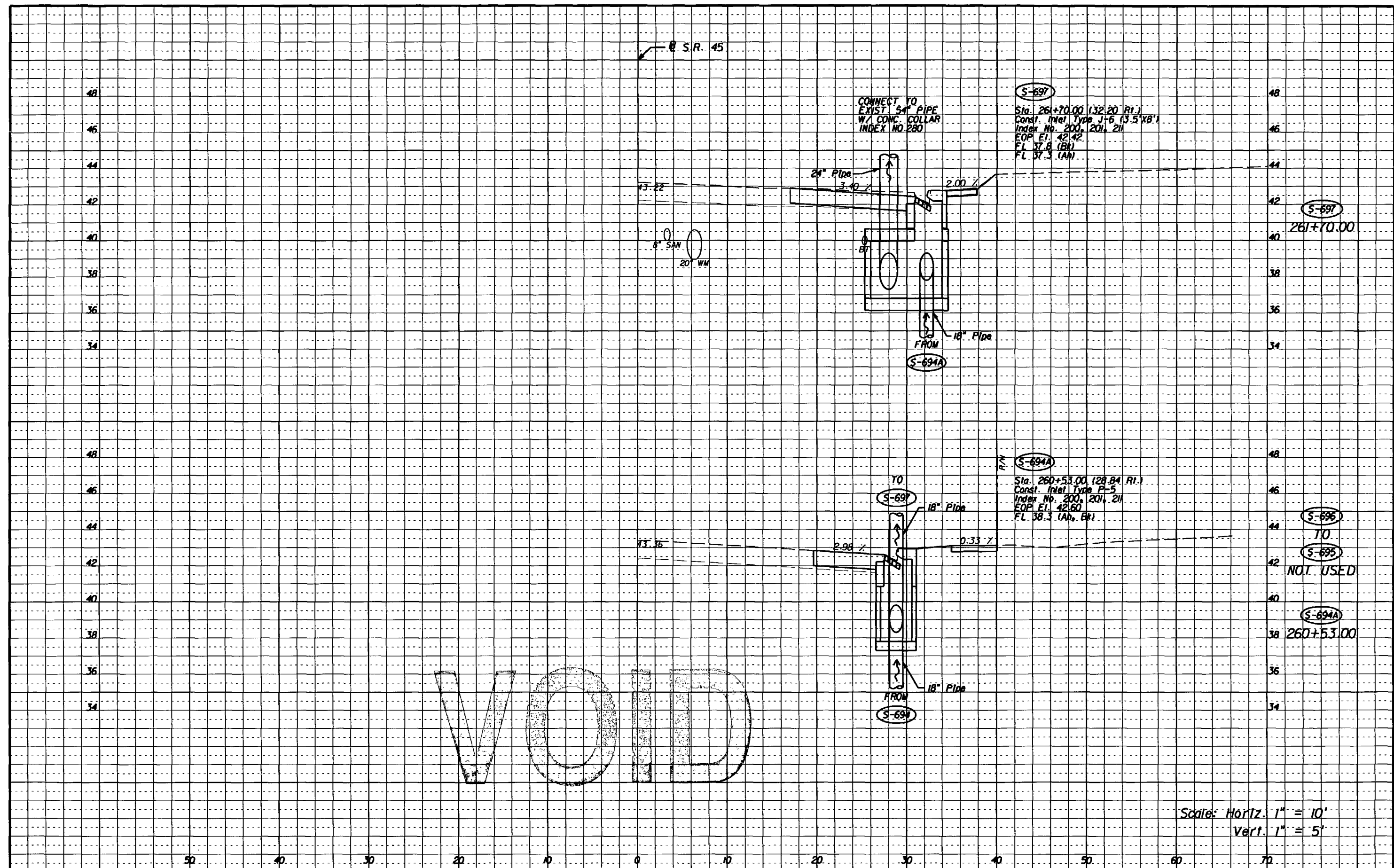
M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
113

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VOID

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DRAINAGE STRUCTURE SHEET</b> <b>NEBRASKA AVENUE</b>	SHEET NO. 114
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

S.R. 45

CONNECT TO  
EXIST. 54" PIPE  
W/ CONC. COLLAR  
INDEX NO. 280

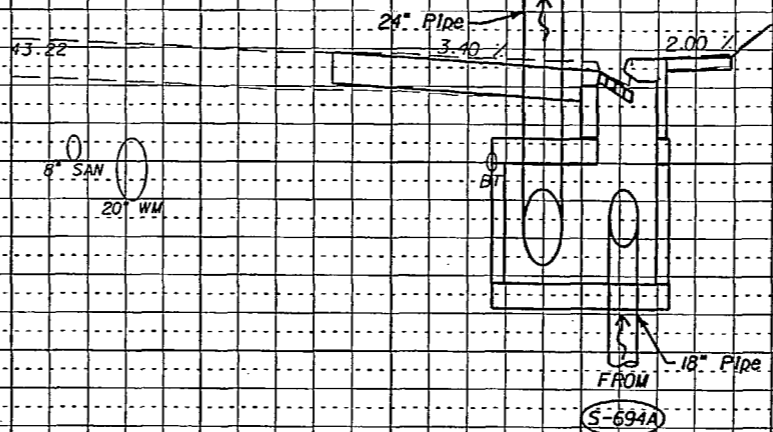
S-697

Sta. 261+70.00 (32.20' RI.)  
Const. Inlet Type J-6 (3.5' XB')  
Index No. 200, 201, 211  
EOP EL. 42.42  
FL 37.8 (BK)  
FL 37.3 (AH)

E.O.P. 42.52  
FL 37.80  
PL 37.30

S-697

281+70.00



S-694A

Sta. 260+53.00 (28.84' RI.)  
Const. Inlet Type P-5  
Index No. 200, 201, 211  
EOP EL. 42.60  
FL 38.3 (Ah, Bk)

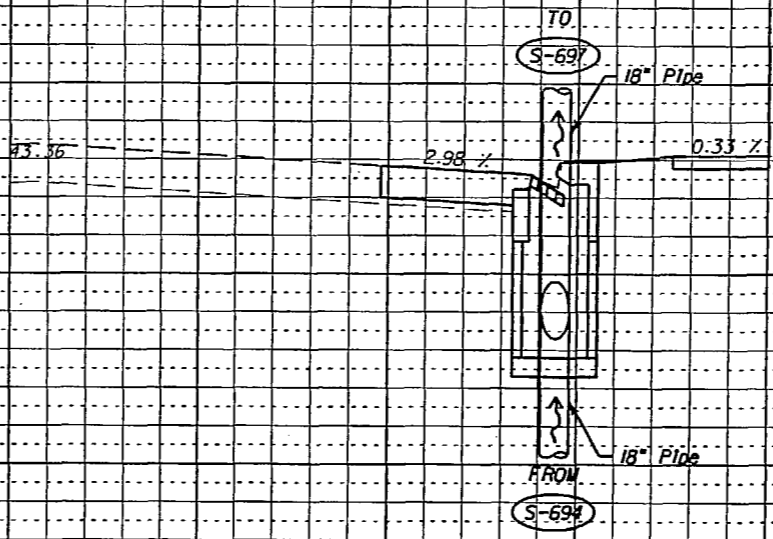
E.O.P. 42.52  
FL 38.30

S-696

TO

S-695

NOT USED



EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*

Daniel D. Gillingham, F.S.M. 5711

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As-Built Survey  
Data Only  
*[Signature]*  
11/6/08

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

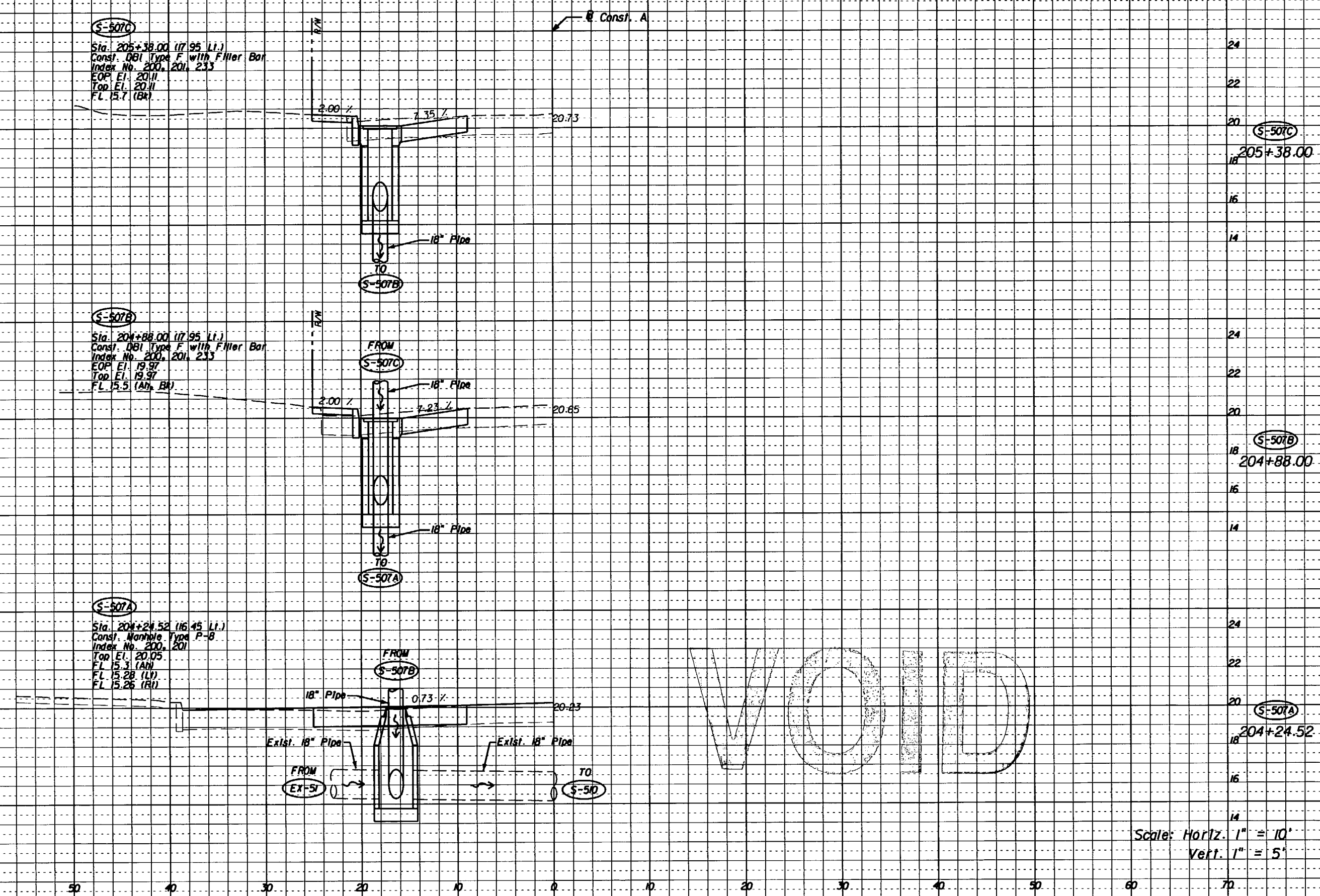
**DRAINAGE STRUCTURE SHEET**  
**NEBRASKA AVENUE**

SHEET NO.  
114

**S-507C**  
 Sta. 205+38.00 (17.95' L.)  
 Const. DBI Type F with Filter Bar  
 Index No. 200, 201, 233  
 EOP El. 20.11  
 Top El. 20.11  
 FL 15.7 (Bk)

**S-507B**  
 Sta. 204+88.00 (17.95' L.)  
 Const. DBI Type F with Filter Bar  
 Index No. 200, 201, 233  
 EOP El. 19.97  
 Top El. 19.97  
 FL 15.5 (Ab, Bk)

**S-507A**  
 Sta. 204+24.52 (16.45' L.)  
 Const. Manhole Type P-8  
 Index No. 200, 201  
 Top El. 20.05  
 FL 15.3 (Ab)  
 FL 15.28 (L)  
 FL 15.26 (R)



Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
 P.E. LICENSE NUMBER 4910  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**CONST. A**

SHEET NO.  
 115

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



S-507C

Sta. 205+38.00 (17.95 L.I.)  
Const. DBI Type F with Filler Bar  
Index No. 200, 201, 233  
EOP El. 20.11  
Top El. 20.11  
FL 15.7 (BR)

TOP 20.14  
FL 15.74

S-507B

Sta. 204+88.00 (17.95 L.I.)  
Const. DBI Type F with Filler Bar  
Index No. 200, 201, 233  
EOP El. 19.97  
Top El. 19.97  
FL 15.5 (AN, BR)

TOP 19.92  
FL 15.45

S-507A

Sta. 204+24.52 (16.45 L.I.)  
Const. Manhole Type P-8  
Index No. 200, 201  
Top El. 20.05  
FL 15.3 (AN)  
FL 15.28 (LY)  
FL 15.26 (RI)

TOP 20.52  
FL 15.28 AN  
FL 15.21 LY  
FL 15.26 RI

Const. A

S-507C

205+38.00

S-507B

204+88.00

S-507A

204+24.52

As-Built Survey  
Data Only  
*[Signature]*  
11/6/08

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

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Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

REVISIONS		REVISIONS	
DATE	BY	DATE	BY

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**CONST. A**

SHEET NO.  
115

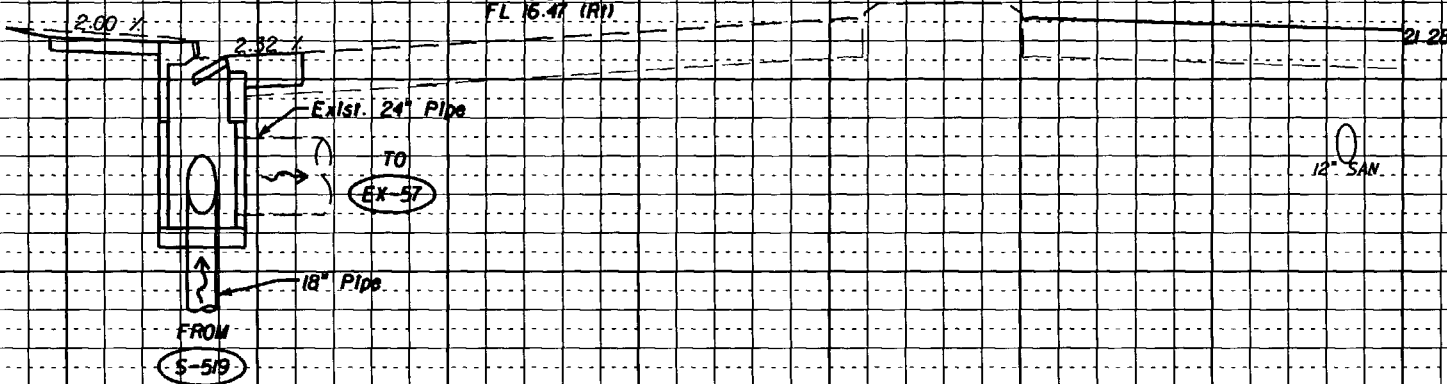


Cass St.

26  
24  
22  
20  
18  
16  
14  
26  
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22  
20  
18  
16  
26  
24  
22  
20  
18  
16  
80 70 60 50 40 30 20 10 0 10 20 30 40 50

S-520

Sta. 29+48.36 (62.89 Lf.)  
Condt. Inlet Type P-6  
Index No. 200, 201, 211  
EOP El. 20.58  
FL 16.5 (IBk)  
FL 16.47 (IRI)

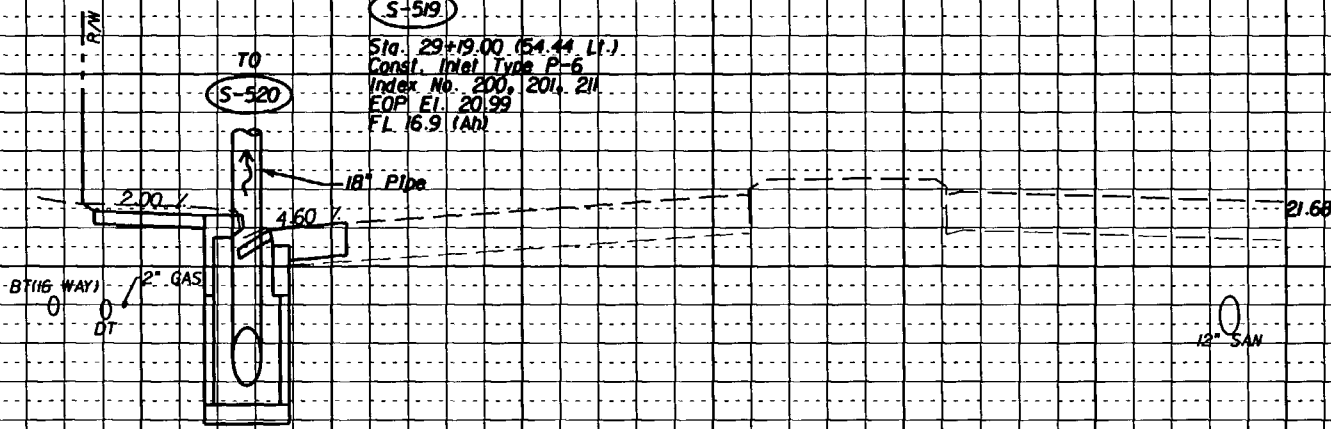


S-520

29+48.36

S-519

Sta. 29+19.00 (54.44 Lf.)  
Condt. Inlet Type P-6  
Index No. 200, 201, 211  
EOP El. 20.99  
FL 16.9 (AD)



VOID

S-519

29+19.00

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**CASS AVENUE**

SHEET NO.  
116

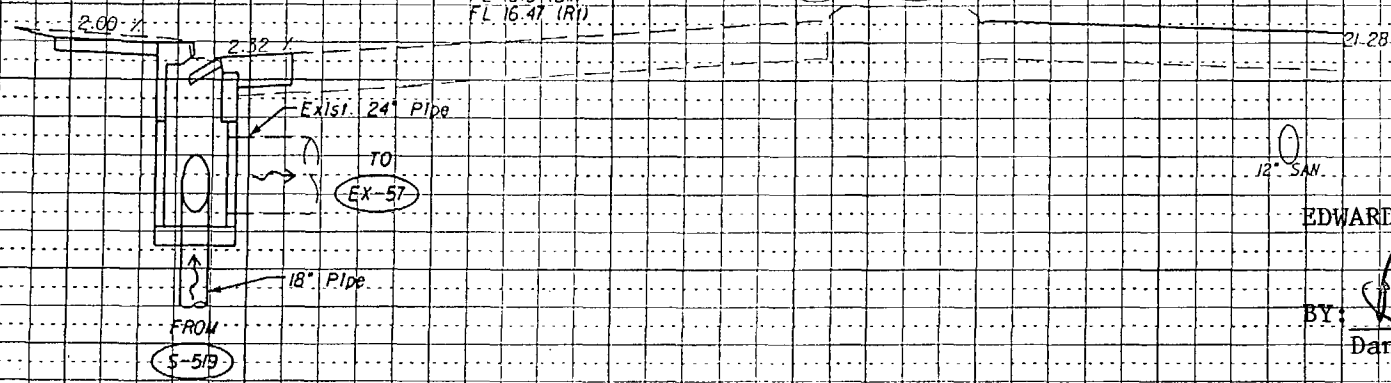
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.

Cass St.

26  
24  
22  
20  
18  
16  
14  
26  
24  
22  
20  
18  
16  
26  
24  
22  
20  
18  
16  
80  
70  
60  
50  
40  
30  
20  
10  
0  
10  
20  
30  
40  
50

S-520  
Sta. 29+48.36 (62.89' L.I.)  
Const. Inlet Type P-6  
Index No. 200, 201, 211  
EOP El. 20.58  
FL 16.51 (BK)  
FL 16.47 (RI)

E.O.P. 20.69  
FL 16.50



EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

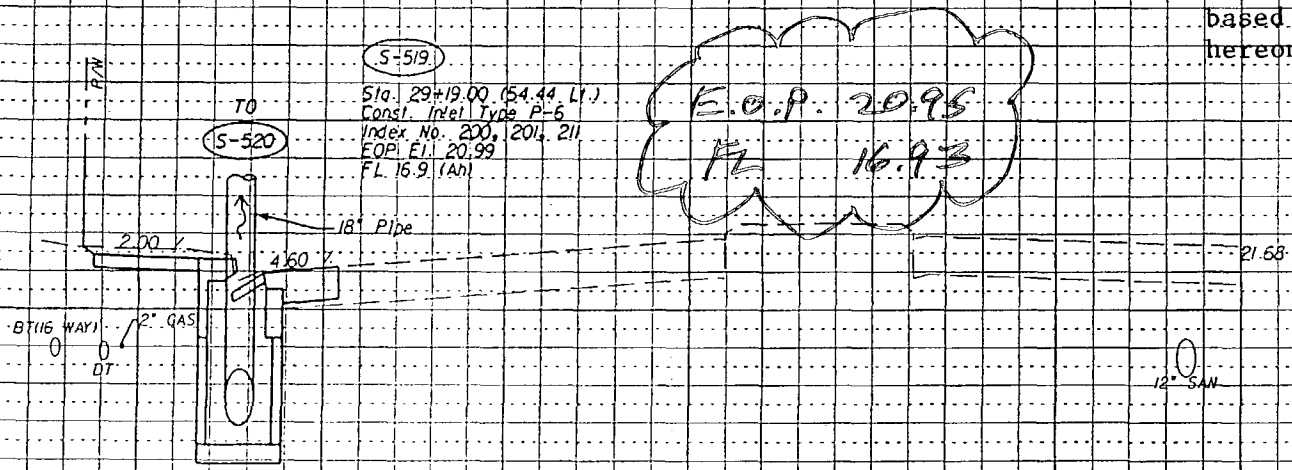
This office of surveyor is certifying to the information in the cloud area hereon is based on field measurements. All other data shown hereon is for informational purposes only.

As-Built Survey  
Data Only

*[Signature]*  
11/6/08

S-519  
Sta. 29+19.00 (54.44' L.I.)  
Const. Inlet Type P-6  
Index No. 200, 201, 211  
EOP El. 20.99  
FL 16.91 (Ah)

E.O.P. 20.95  
FL 16.93



Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS			
DATE	BY	DESCRIPTION	

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

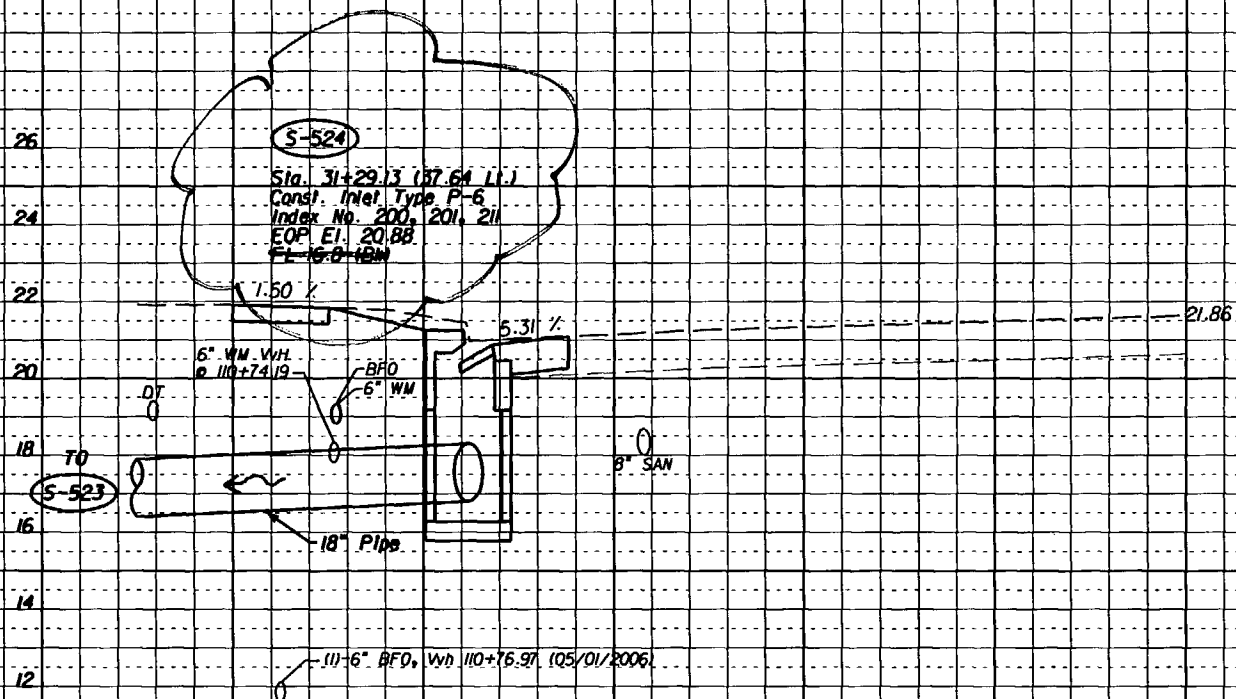
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**CASS AVENUE**

SHEET NO.  
116

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

Nick Nuccio Pkwy.



VOID

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

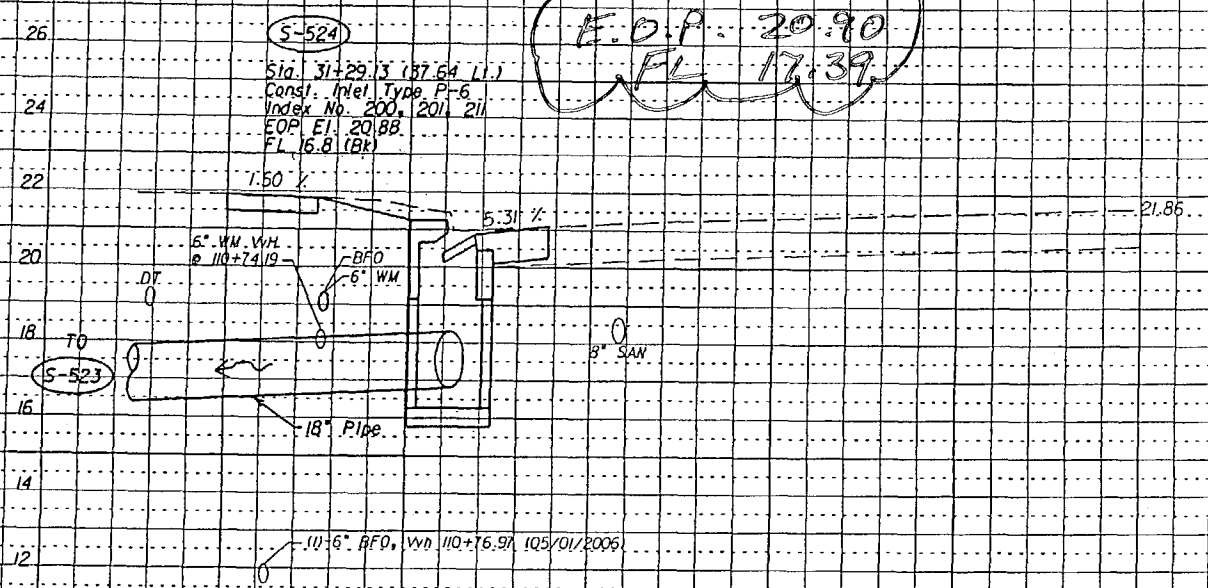
REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET NICK NUCCIO PARKWAY	SHEET NO. 117
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

Nick Nuccio Pkwy.

As-Built Survey  
Data Only

*[Signature]*  
11/6/08

RAISE PIPE HERE  
DUE TO CONFLICT W/ VERIZON LINE



EDWARDS-PANTER SURVEYING, INC. (LB-711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

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Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**NICK NUCCIO PARKWAY**

SHEET NO.  
117

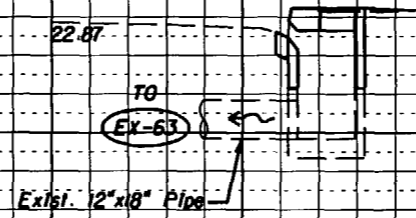
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

Scott St

VOID

S-535C

Sta. 29+77.00 (14.40 Ft.)  
Const. Intel Top Type 8  
Connect to Exst. w/ Wet to Dry Epoxy  
Index No. 200, 201, 213  
EOP El. 22.62  
FL 19.84 (LI)



S-535C

29+77.00

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**SCOTT STREET**

SHEET NO.  
118



Scott St

EDWARDS-PANTER SURVEYING, INC. (LB 711)

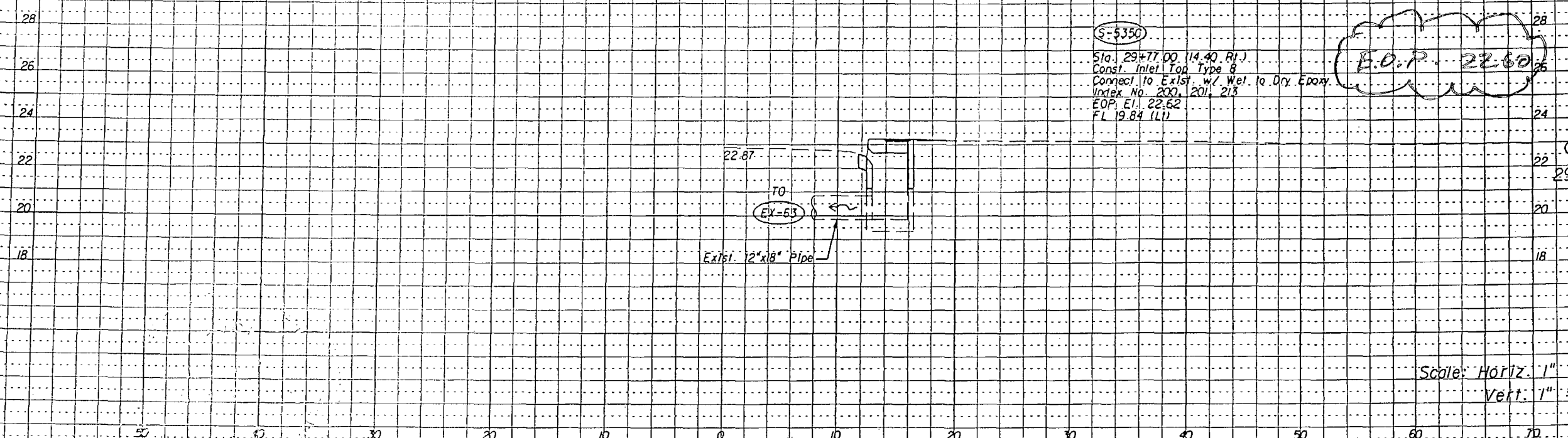
BY: Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

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As Built Survey  
Data Only.

[Signature]  
4/6/08



S-5350  
 Sta. 29+77.00 (14.40 R.I.)  
 Const. Inlet Top Type 8  
 Connect to Exst. w/ Wet. to Dry Epoxy.  
 Index No. 200, 201, 213  
 EOP, E.I. 22.62  
 FL 19.84 (LI)

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

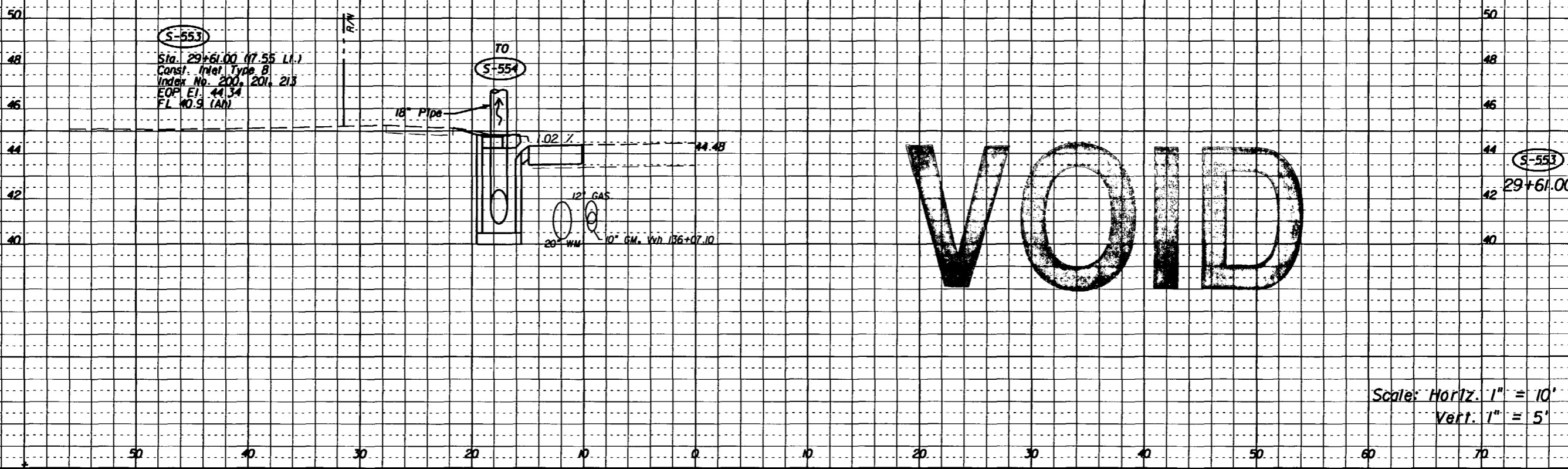
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

DATE		BY		DESCRIPTION	
REVISIONS					

M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DRAINAGE STRUCTURE SHEET SCOTT STREET		
S.R. 45	HILLSBOROUGH	255853-1-52-01			
			SHEET NO.	118	



7th Ave.



**VOID**

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G05-23.003, F.A.C.

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET 7TH AVENUE	SHEET NO. 119
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

E. 7th Ave.

EDWARDS-PANTER SURVEYING, INC. (LB 711)

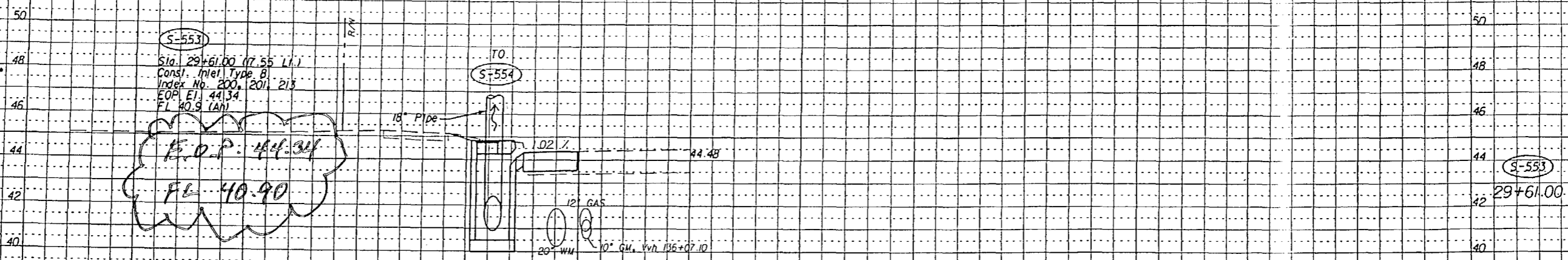
BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

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As-Built Survey  
Data Only.

*[Signature]*  
11/16/08



Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

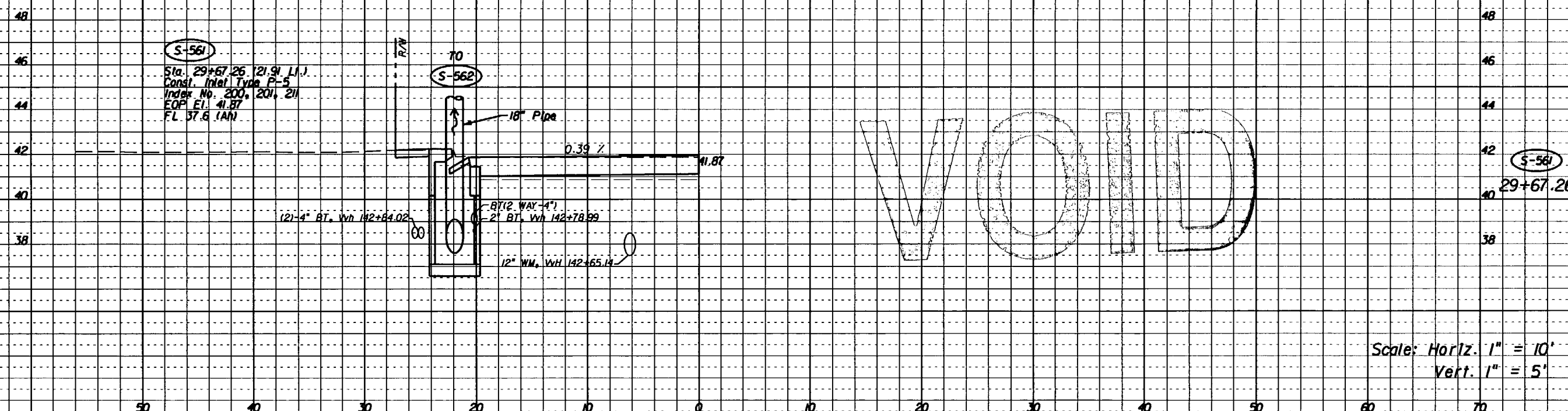
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**7TH AVENUE**

SHEET NO.  
119

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

E. Palm Ave.



VOID

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

DATE		BY		DESCRIPTION	

M. ARASHEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
S.R. 45	HILLSBOROUGH	255853-1-52-01			

DRAINAGE STRUCTURE SHEET PALM AVENUE		SHEET NO. 120
---	--	------------------

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

Palm Ave.

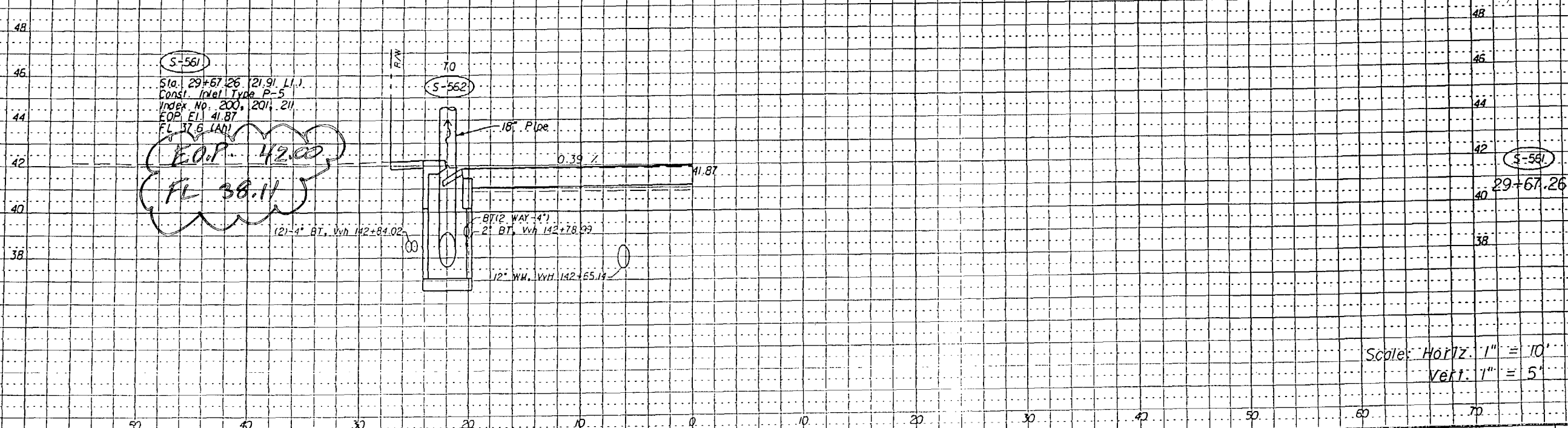
EDWARDS-PANTER SURVEYING, INC. (LB-711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

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Data Only.  
[Signature]  
11/16/08*



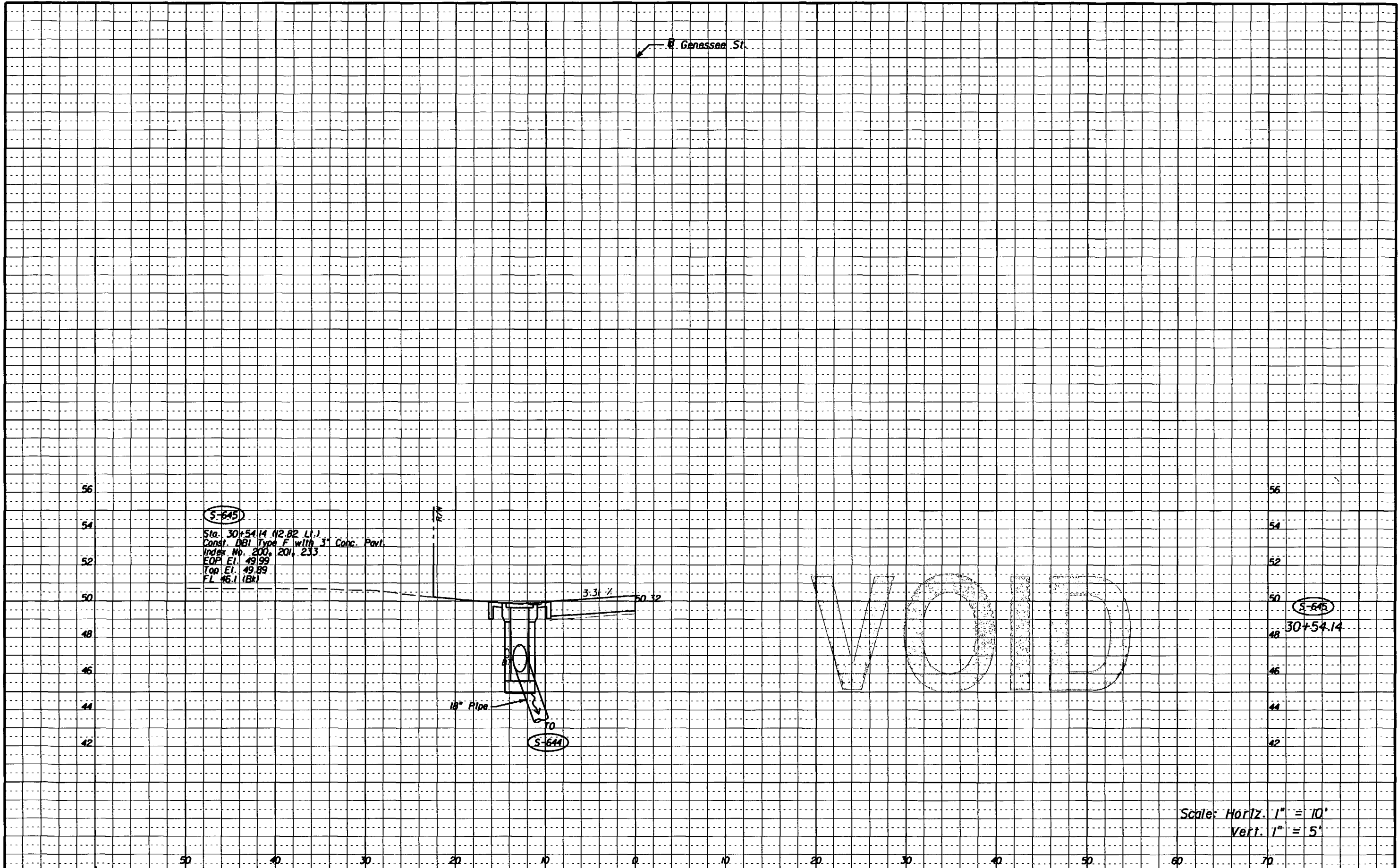
S-561  
Sta. 29+67.26 (21.91 L.I.)  
Const. Intel Type P-5  
Index No. 200, 201, 211  
EOP FL 41.87  
FL 37.5 (AD)

*E.O.P. 42.00  
FL 38.11*

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.

REVISIONS				M. ARASTEH, P.E.		STATE OF FLORIDA			DRAINAGE STRUCTURE SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DEPARTMENT OF TRANSPORTATION				
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01	DRAINAGE STRUCTURE SHEET	120
									PALM AVENUE	



S-645  
 Sta. 30+54.14 (2.82 Lt.)  
 Const. DBI Type F with 3" Conc. Pavl.  
 Index No. 200, 201, 233  
 EOP El. 49.99  
 Top El. 49.89  
 FL 46.1 (Bk)

VOID

S-645  
 30+54.14

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET GENESSEE STREET	SHEET NO. 121
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			

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Genessee St.

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: [Signature]  
Daniel D. Gillingham, P.S.M. 5711

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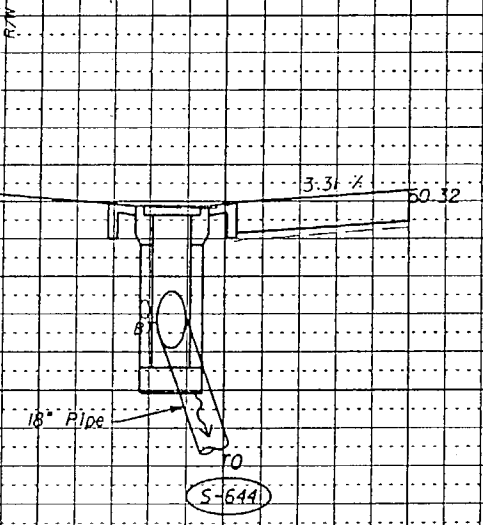
As-Built Survey  
Data Only  
[Signature]  
11/6/08

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S-645  
Sta. 30+54 (4.42.82 Lt.)  
Const. DBI Type F with 3" Core Pipe  
Index No. 200, 201, 233  
EOP El. 49.99  
Top El. 49.89  
FL 46.1 (Bk)

TOP 4993  
FL 46.15



S-645  
30+54.14

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**GENESSEE STREET**

SHEET NO.  
121

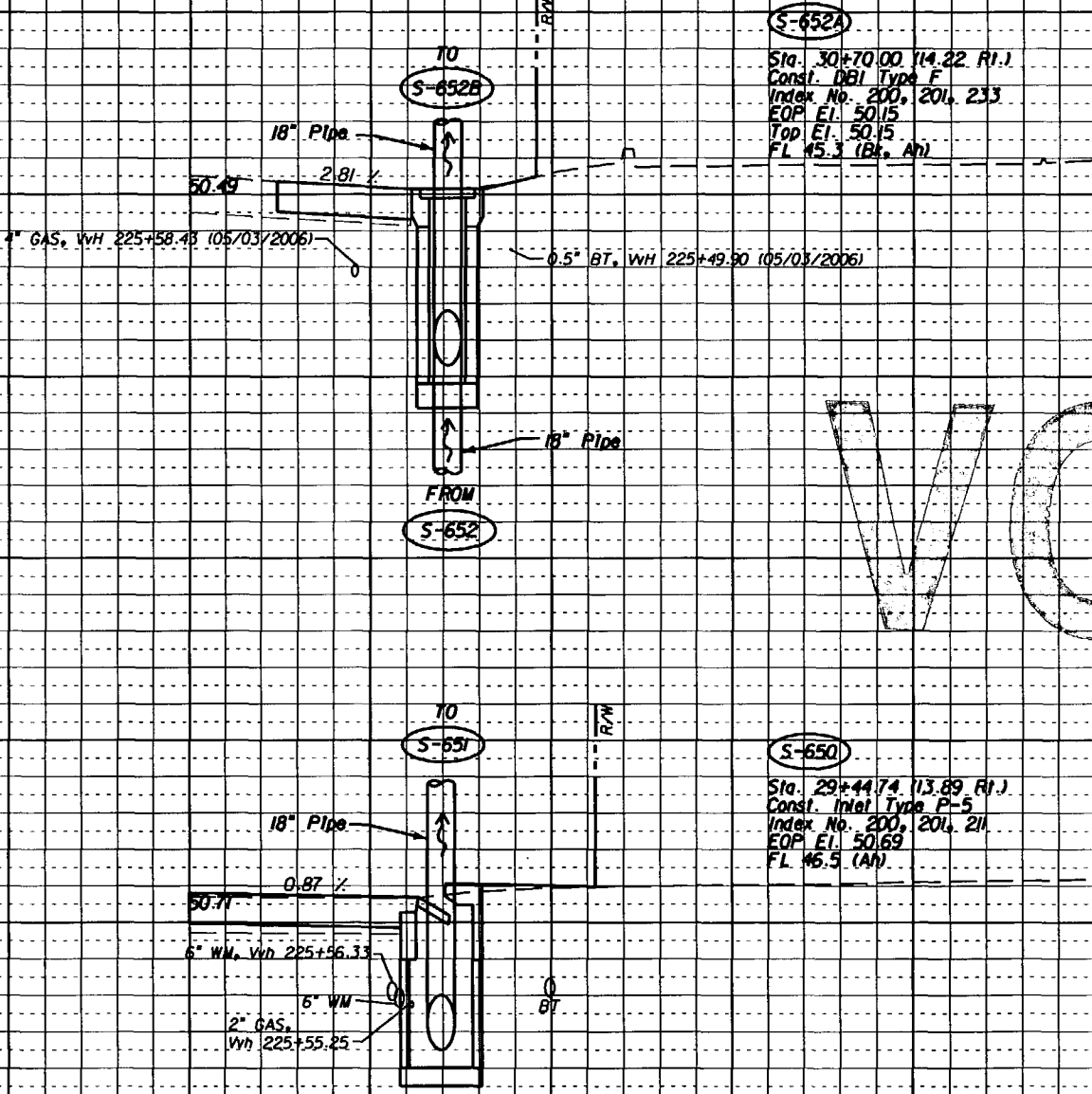
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



Chelsea St.

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VOID

S-652A  
30+70.00

S-650  
29+44.74

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

50 40 30 20 10 0 10 20 30 40 50 60 70

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 4910  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

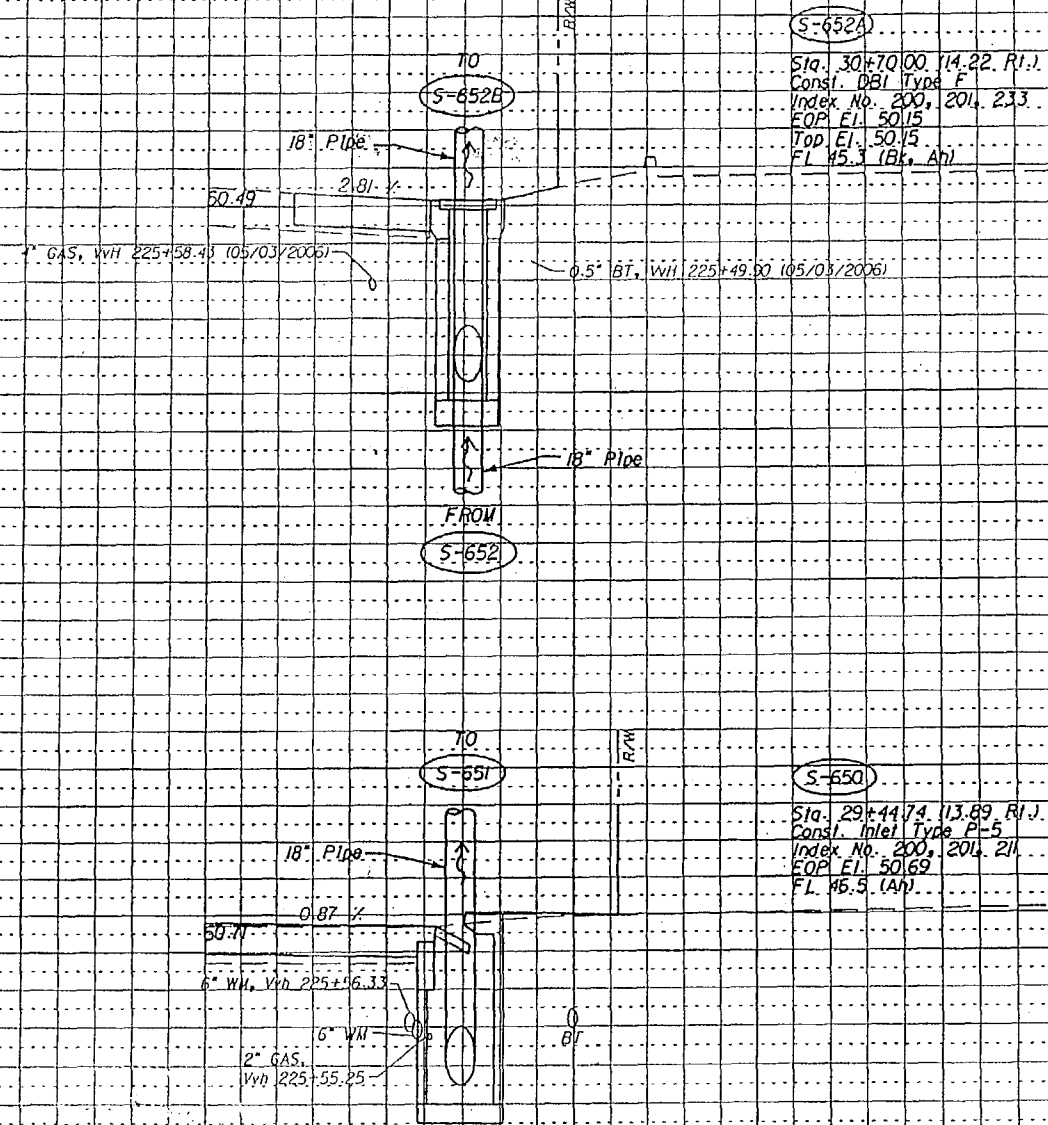
**DRAINAGE STRUCTURE SHEET**  
**CHELSEA STREET**

SHEET NO.  
122

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G15-23.003, F.A.C.

Chelsea St.

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**S-652A**  
Sta. 30+70.00 (14.22 R.I.)  
Const. DBI Type F  
Index No. 200, 201, 233  
EOP EL. 50.15  
Top EL. 50.15  
FL 45.3 (BL, AH)

**E.O.P. 50.15  
FL 45.34**

**S-650**  
Sta. 29+44.74 (13.89 R.I.)  
Const. Intel Type PL-5  
Index No. 200, 201, 211  
EOP EL. 50.69  
FL 46.5 (AH)

**E.O.P. 50.71  
FL 46.59**

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

NOT VALID UNLESS IMPRINTED WITH A RAISED SEAL.

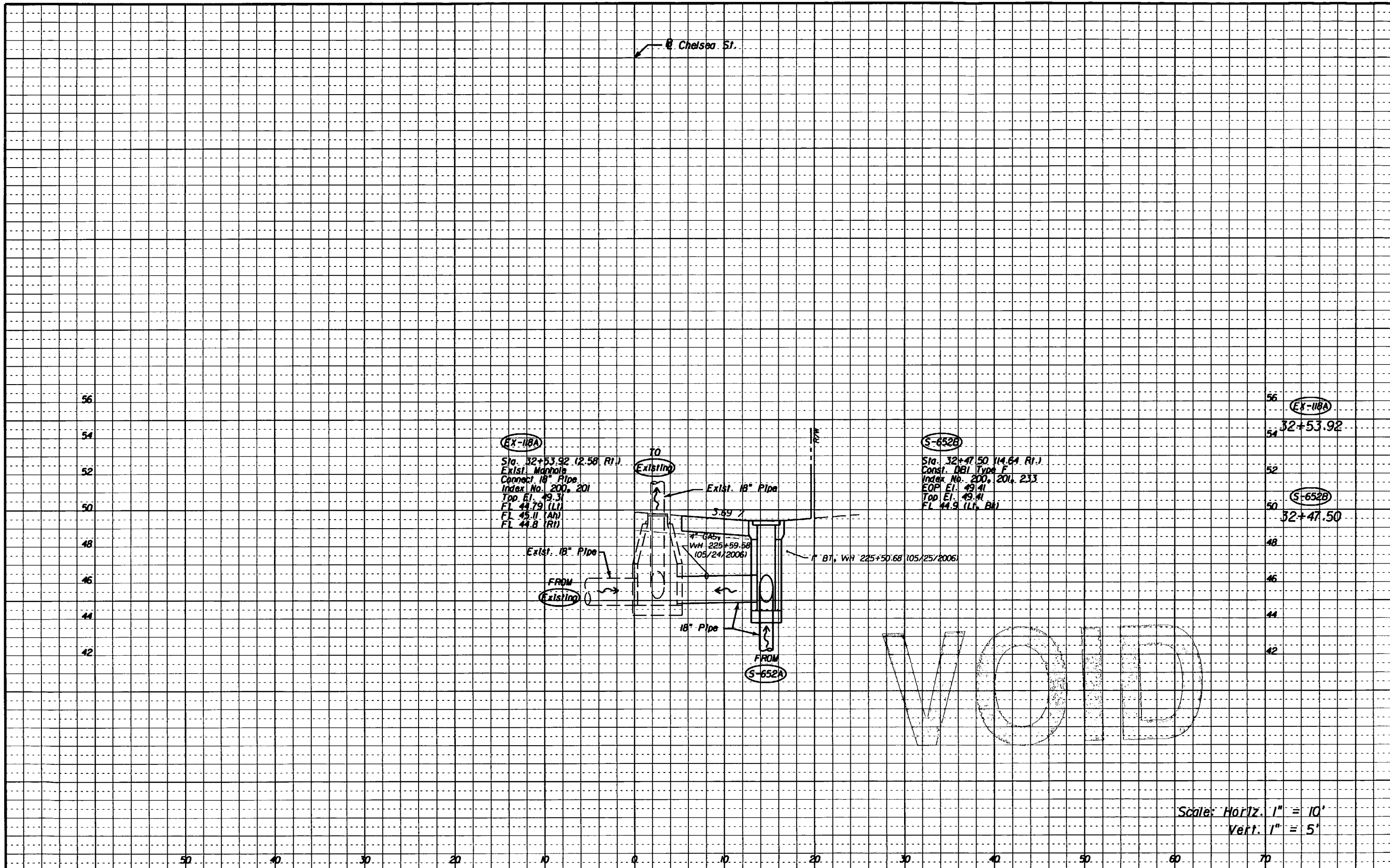
This office of surveyor is certifying to the information in the cloud area only and is based on field measurements, all other data shown hereon is for informational purposes only.

As-Built Survey  
Data Only

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SHEET CHELSEA STREET	SHEET NO. 122
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



VOID

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DRAINAGE STRUCTURE SHEET</b> <b>CHELSEA STREET</b>	SHEET NO.  123
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

Chelsea St.

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*  
Daniel D. Gillingham, P.S.M. 5711

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As-Built Survey  
Data Only

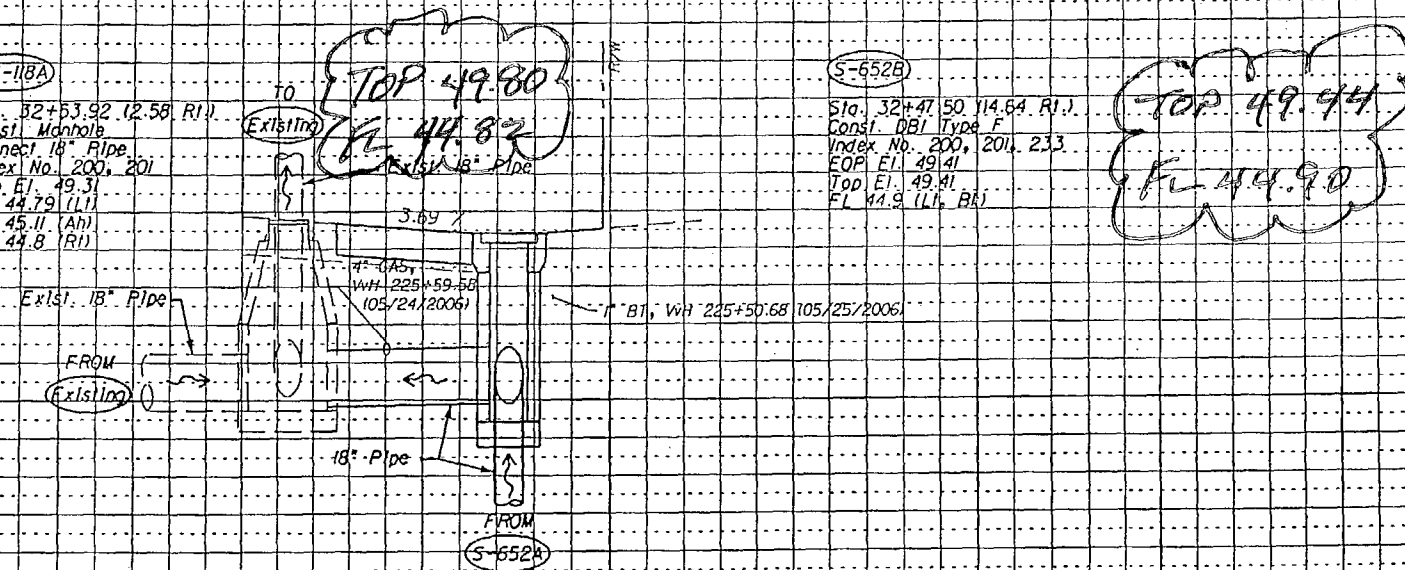
*[Signature]*  
11/26/08

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(EX-118A)  
Sta. 32+53.92 (2.58' RI)  
Exist. Manhole  
Connect. 18" Pipe  
Index No. 200, 201  
Top El. 49.31  
Fl. 44.79 (LI)  
Fl. 45.11 (RI)  
Fl. 44.8 (RI)

(S-652B)  
Sta. 32+47.50 (14.64' RI)  
Const. DBI Type F  
Index No. 200, 201, 233  
EOP El. 49.41  
Top El. 49.41  
Fl. 44.9 (LI, BR)



Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**CHELSEA STREET**

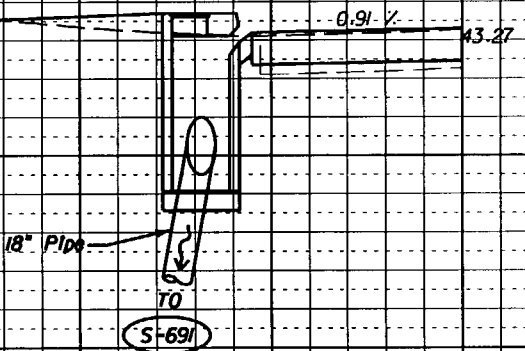
SHEET NO.  
123

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

E. Frierson Ave.

S-693

Sta. 30+36.00 (13.67 L+I)  
 Const. Inlet Type B  
 Index No. 200, 201, 213  
 EOP EL. 43.20  
 FL 39.5 (B)



VOID

S-693

30+36.00

Scale: Horiz. 1" = 10'  
 Vert. 1" = 5'

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

M. ARASTEH, P.E.  
 P.E. LICENSE NUMBER 49110  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 11201 N. MCKINLEY DRIVE  
 TAMPA, FL 33612  
 CERTIFICATE OF AUTHORIZATION N/A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**FRIERSON AVENUE**

SHEET NO.  
124

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



Frierson Ave.

EDWARDS-PANTER SURVEYING, INC. (LB 711)

BY: *[Signature]*

Daniel D. Gillingham, P.S.M. 5711

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As-Built Survey  
Data Only

*[Signature]*  
11/6/08

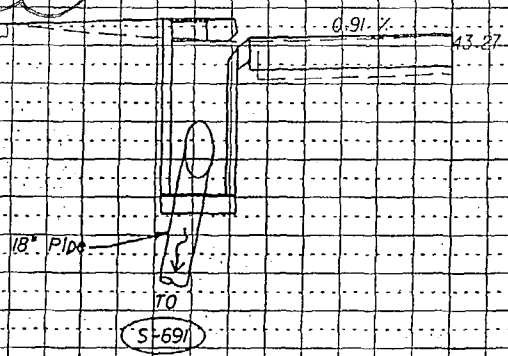
48  
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5-593

Sta. 30+36.00 113.67 Lt. 1  
Const. Inlet Type 8  
Index No. 200, 201, 213  
EOP E1 43.20  
FL 39.5 (Bk)

E.O.P. 43.15  
FL 39.62



5-593

30+36.00

Scale: Horiz. 1" = 10'  
Vert. 1" = 5'

50 40 30 20 10 0 10 20 30 40 50 60 70

DATE		BY		DESCRIPTION	

M. ARASTEH, P.E.  
P.E. LICENSE NUMBER 49110  
FLORIDA DEPARTMENT OF TRANSPORTATION  
11201 N. MCKINLEY DRIVE  
TAMPA, FL 33612  
CERTIFICATE OF AUTHORIZATION N/A

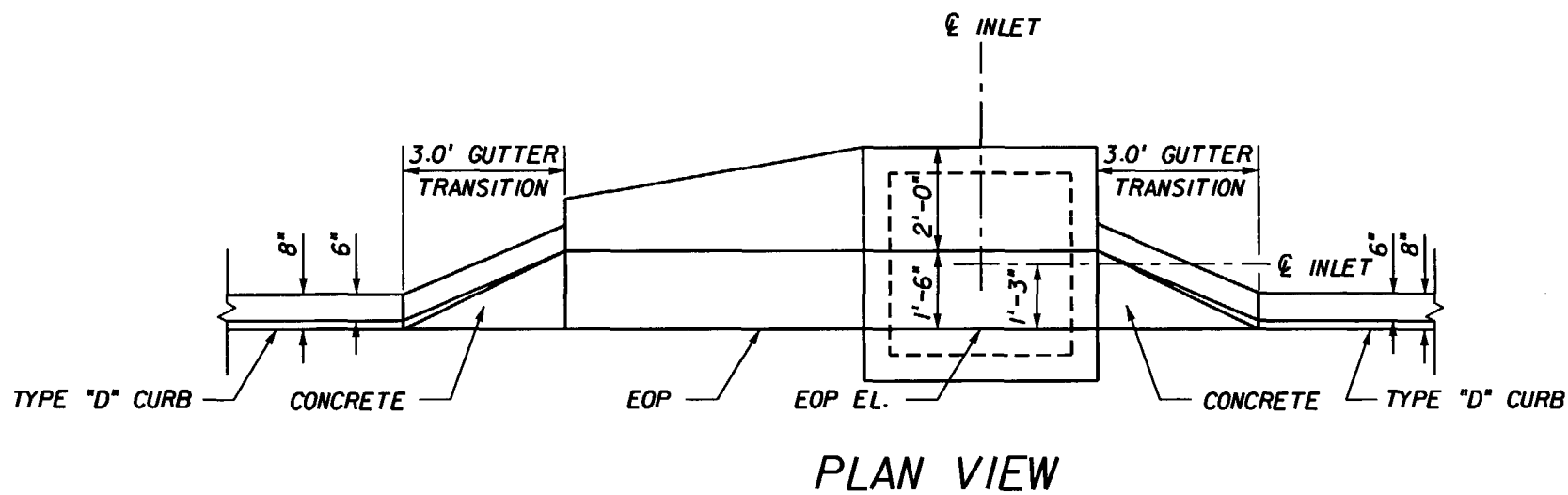
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**DRAINAGE STRUCTURE SHEET**  
**FRIERSON AVENUE**

SHEET NO.  
124

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G95-23.003, F.A.C.

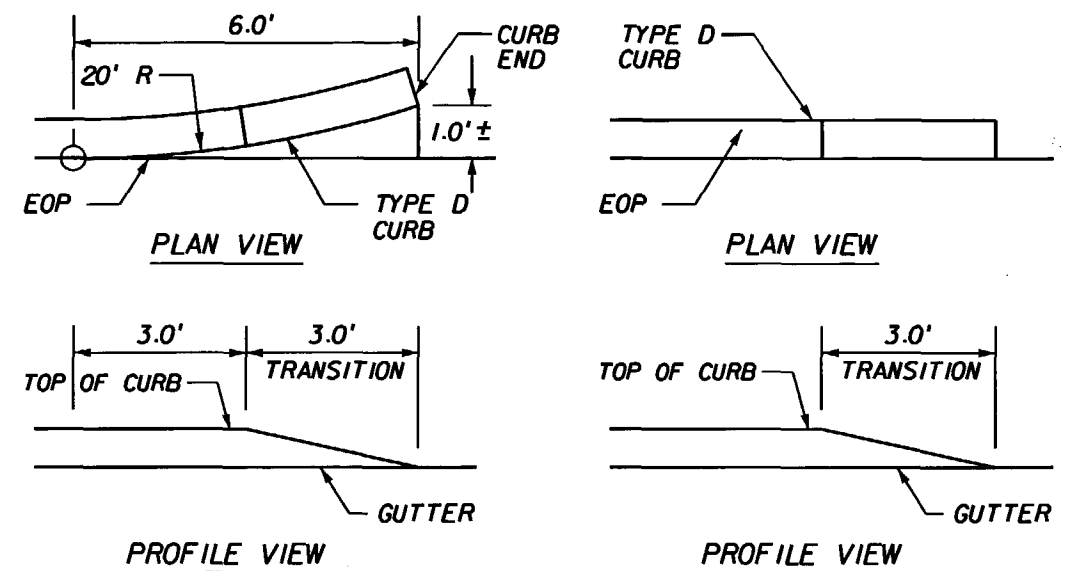




PLAN VIEW

**TRANSITION DETAIL FOR CURB INLET TOPS, TYPES 5 & 6**

NOTE: 1) FOR ADDITIONAL DETAILS SEE INDEX NO. 211.  
 2) 3.0' GUTTER TRANSITIONS TO BE PAID FOR AS TYPE D CURB.

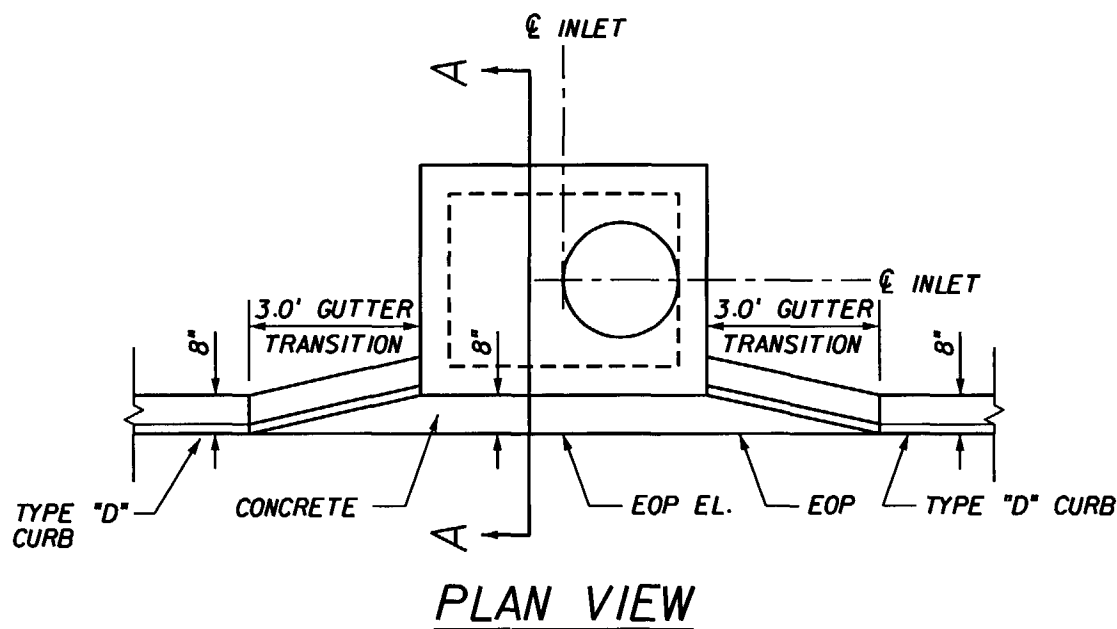


FLARED END

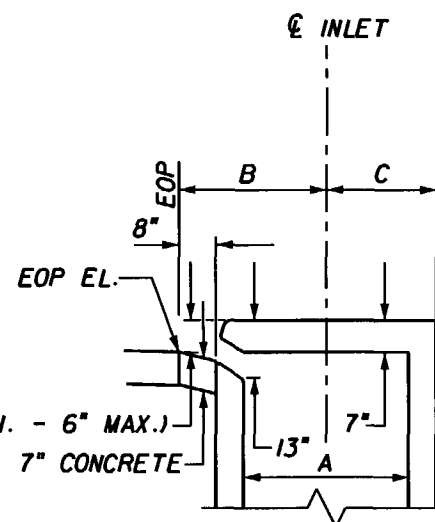
STRAIGHT END

**CURB ENDING DETAIL (TYPE D CURB)**

NOTE: 1) FOR ADDITIONAL DETAILS SEE INDEX NO. 300.  
 2) USE FLARED END CURB ENDING FOR CONNECTION TO DITCH BOTTOM INLETS OR GUTTER INLETS.  
 3) 3.0' TRANSITION TO BE PAID FOR AS TYPE D CURB.



PLAN VIEW



SECTION A-A

VARIES (4" MIN. - 6" MAX.)  
 7" CONCRETE

NOTE: CONTRACTOR SHALL MAINTAIN FULL 6" (HEIGHT) INLET THROAT OPENING.

DIM.	TYPE 8 INLETS	
	MODIFIED	STANDARD
A	2'-0"	3'-0"
B	2'-2"	2'-8"
C	1'-6"	2'-0"

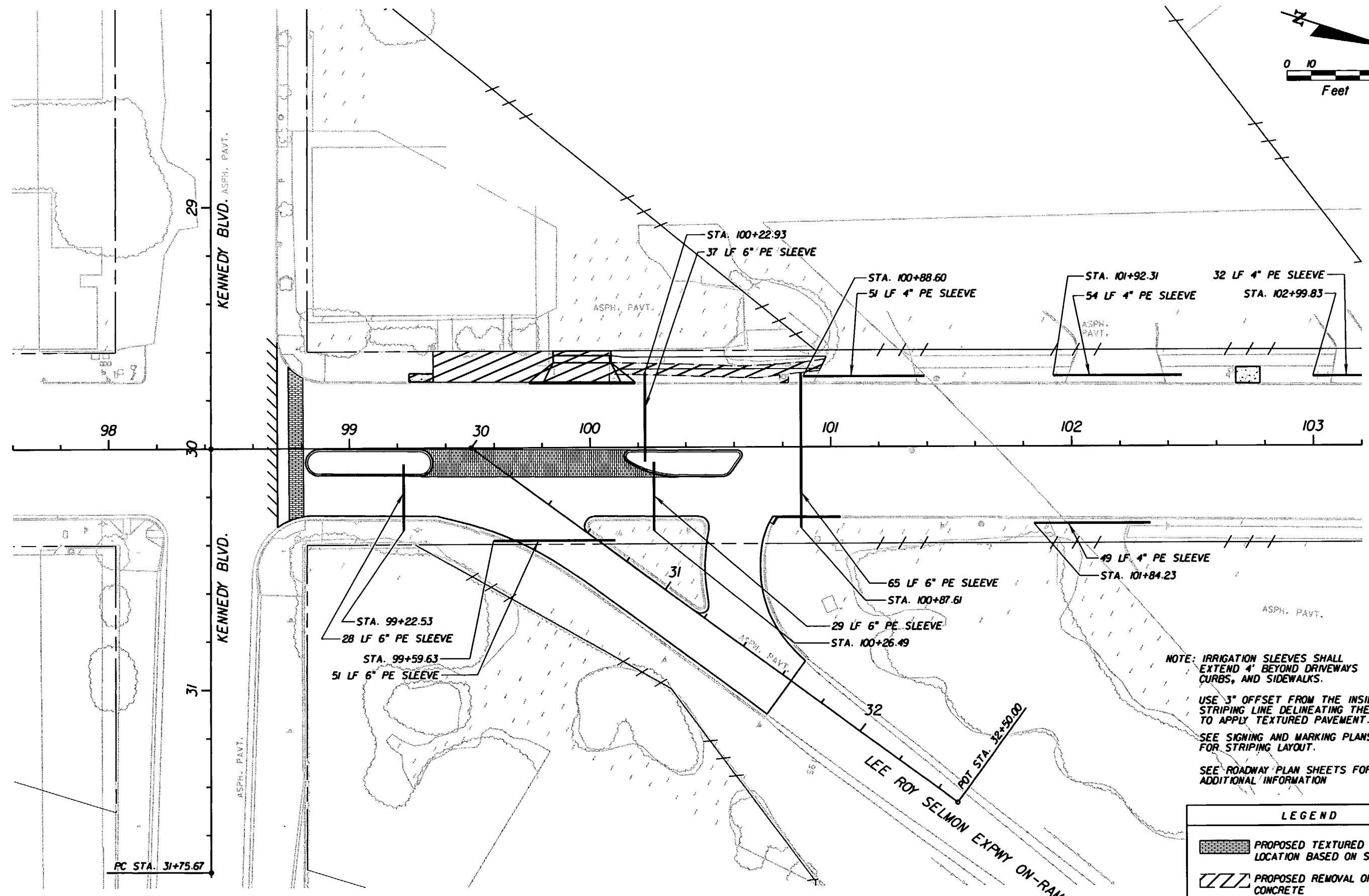
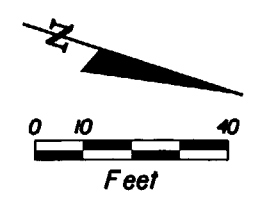
**TRANSITION AND MODIFICATION DETAILS FOR CURB INLETS, TYPE 8**

NOTE: 1) FOR ADDITIONAL DETAILS SEE INDEX NO. 213.  
 2) 3.0' GUTTER TRANSITIONS TO BE PAID FOR AS TYPE D CURB.

REVISIONS						M. ARASTEH, P.E. P.E. LICENSE NUMBER 49110 FLORIDA DEPARTMENT OF TRANSPORTATION 11201 N. MCKINLEY DRIVE TAMPA, FL 33612 CERTIFICATE OF AUTHORIZATION N/A	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  125
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							S.R. 45	HILLSBOROUGH	255853-1-52-01	

**DRAINAGE DETAILS**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6615-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS, CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT.

SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

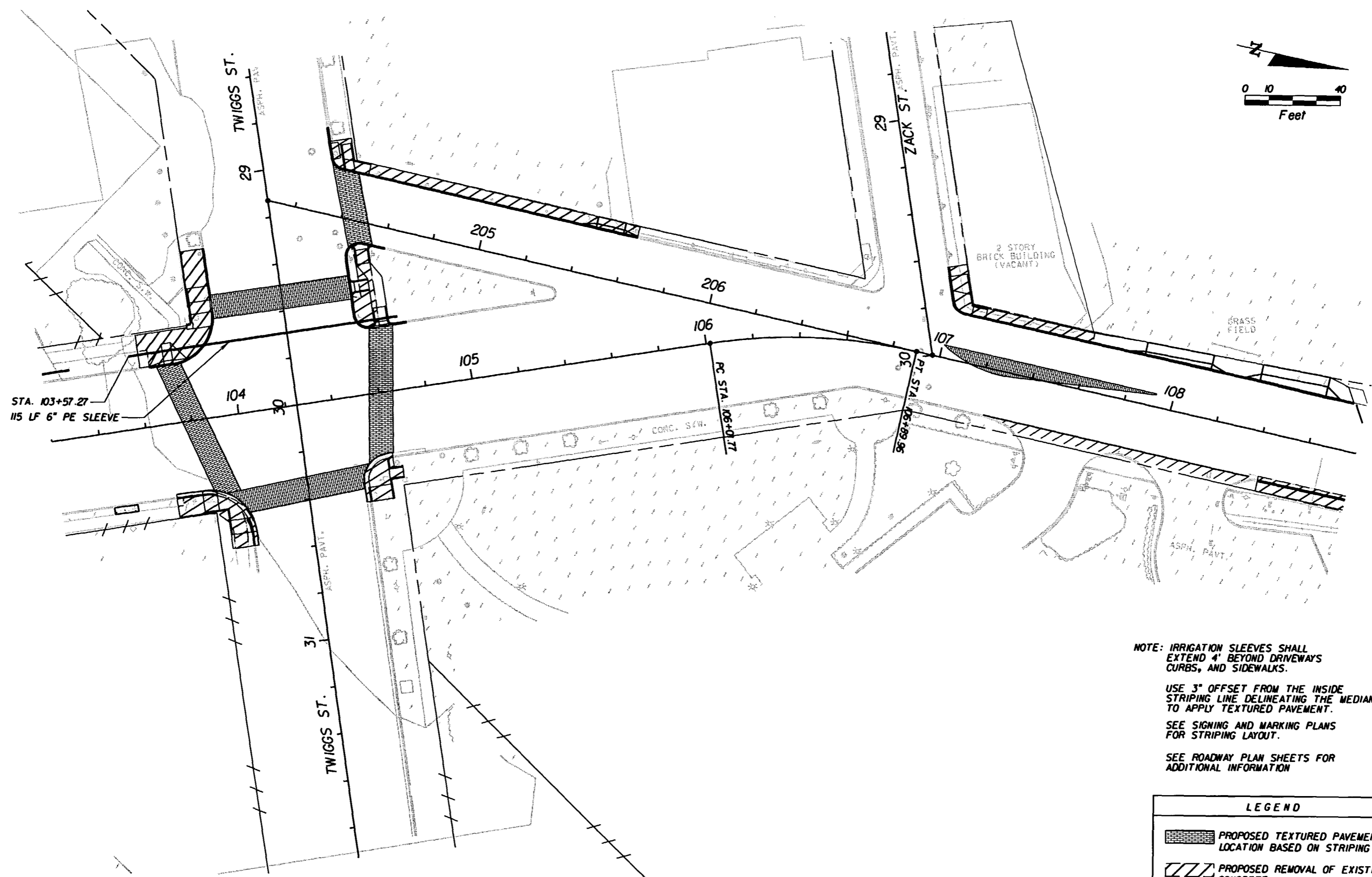
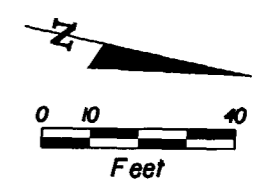
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**97+60.00 TO 103+20.00**

SHEET NO.  
 126

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



**NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.**

**USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT.**

**SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.**

**SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION**

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

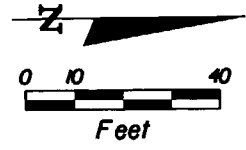
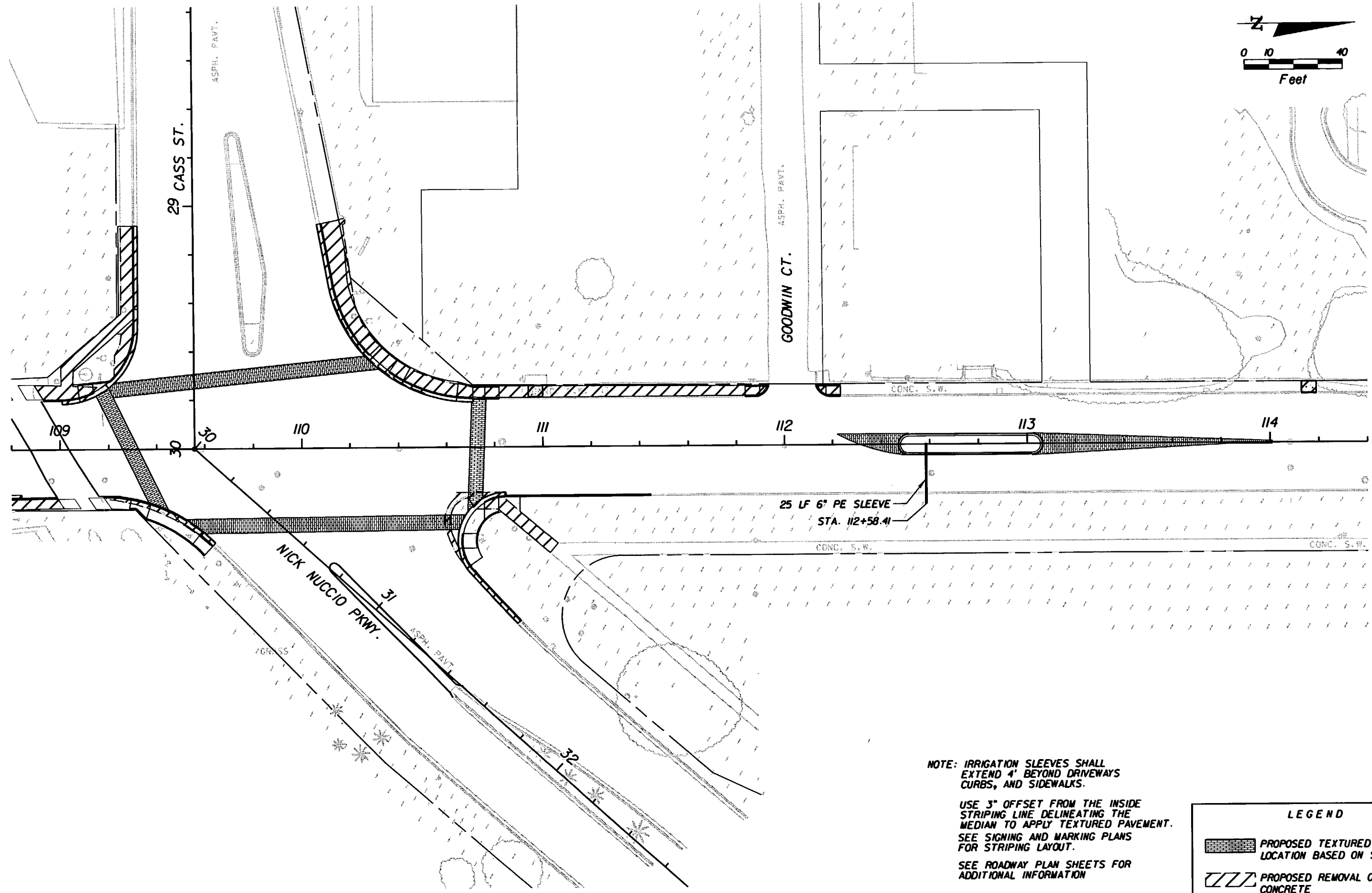
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**103+20.00 TO 108+80.00**

SHEET NO.
127

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

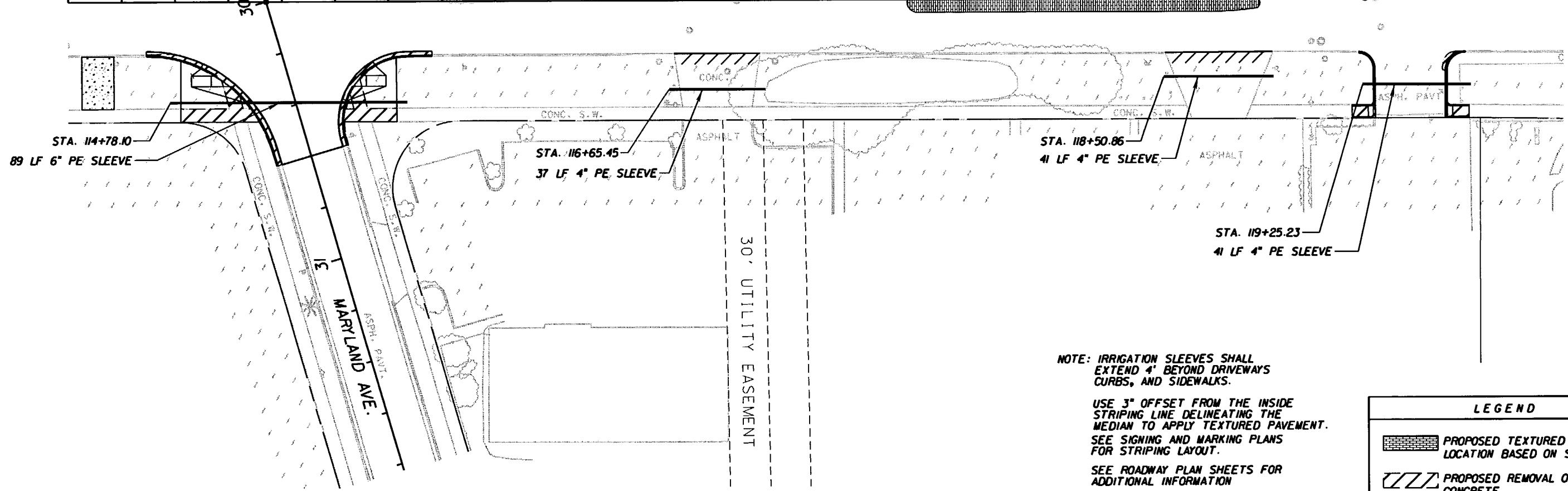
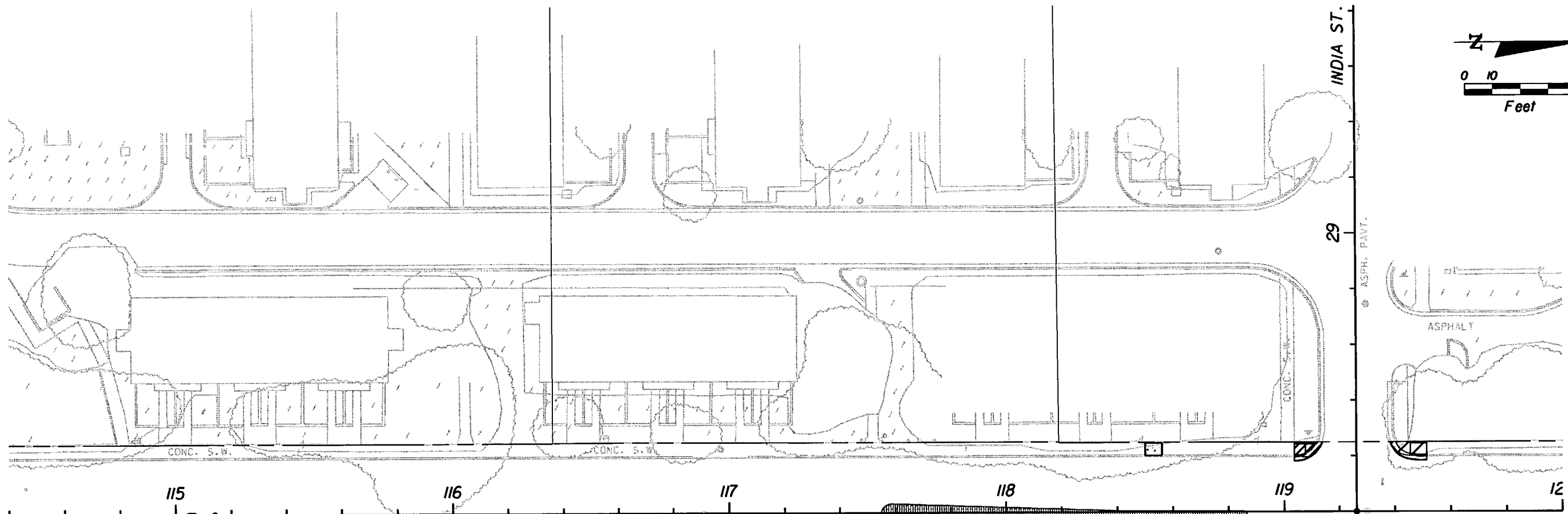
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**108+80.00 TO 114+40.00**

SHEET NO.  
 128

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6615-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

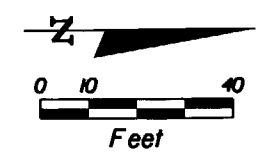
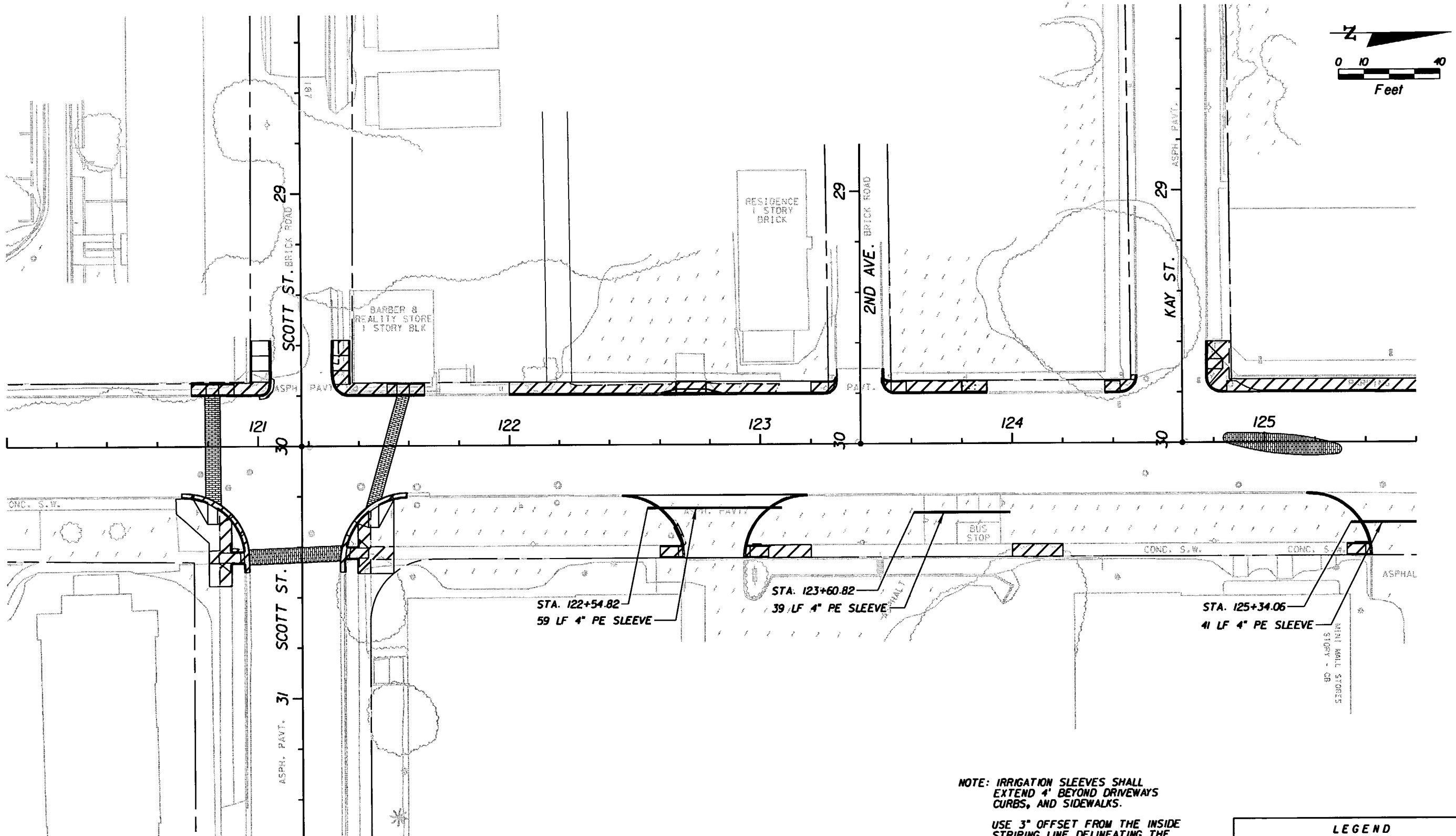
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**114+40.00 TO 120+00.00**

SHEET NO.  
 129

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



**NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.**

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

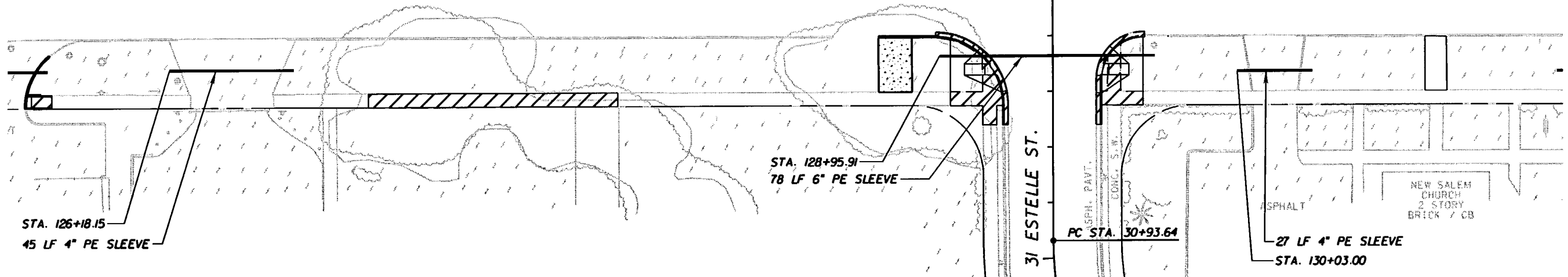
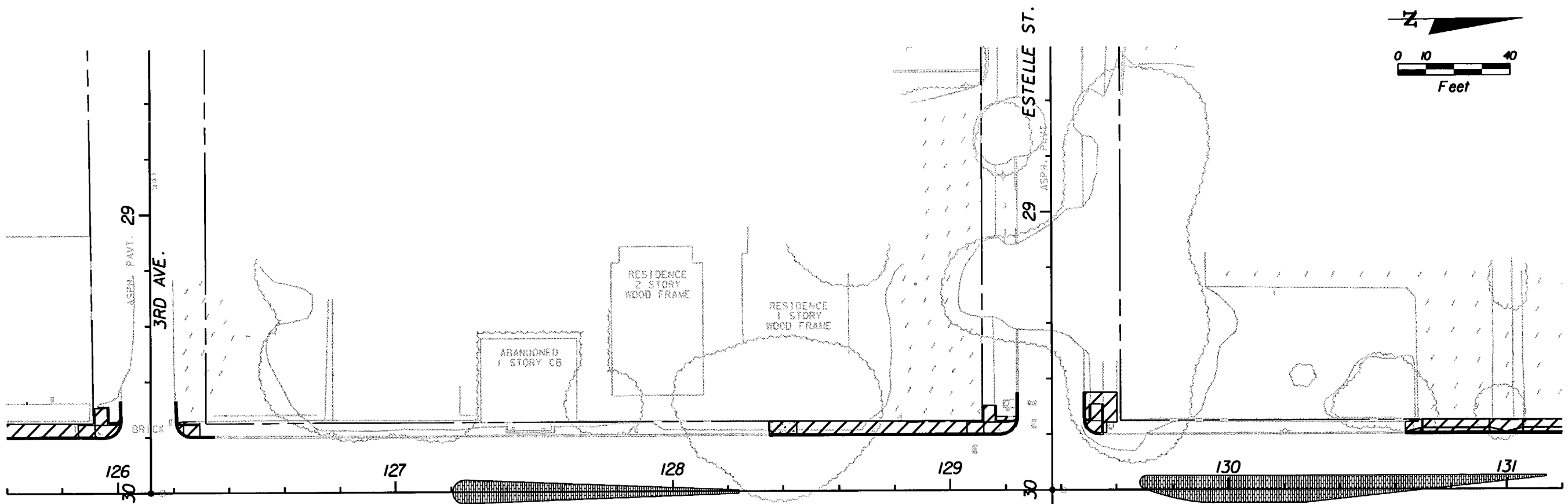
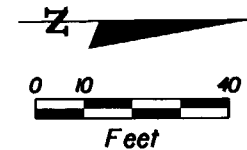
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**120+00.00 TO 125+60.00**

SHEET NO.  
 130

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.





**CURVE: CURVE 1**  
 PI STA. = 31+28.17  
 Delta = 30° 52' 50" (LT)  
 D = 45' 50" 12"  
 T = 34.53  
 L = 67.37  
 R = 125.00  
 PC STA. = 30+93.64  
 PT STA. = 31+61.02

**NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.**  
 USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.  
 SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

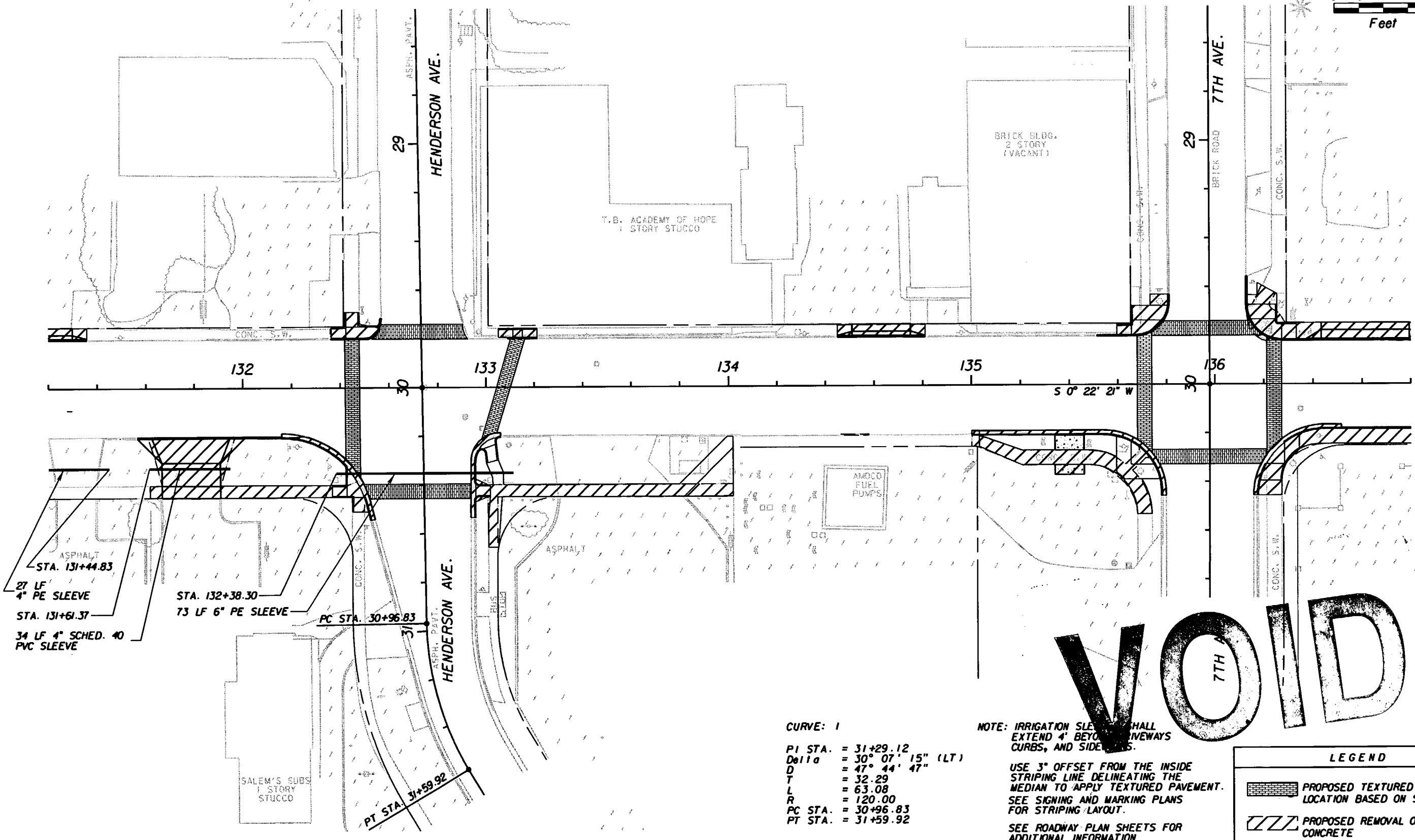
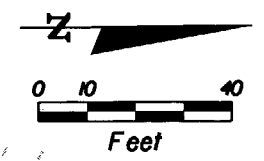
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**125+60.00 TO 131+20.00**

SHEET NO.  
 131

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



ASPHALT  
 STA. 131+44.83  
 27 LF 4" PE SLEEVE  
 STA. 131+61.37  
 34 LF 4" SCHED. 40 PVC SLEEVE  
 STA. 132+38.30  
 73 LF 6" PE SLEEVE  
 PC STA. 30+96.83  
 PT STA. 31+59.92

**CURVE: 1**  
 PI STA. = 31+29.12  
 Delta = 30° 07' 15" (LT)  
 D = 47° 44' 47"  
 T = 32.29  
 L = 63.08  
 R = 120.00  
 PC STA. = 30+96.83  
 PT STA. = 31+59.92

NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.  
 SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

# VOID

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

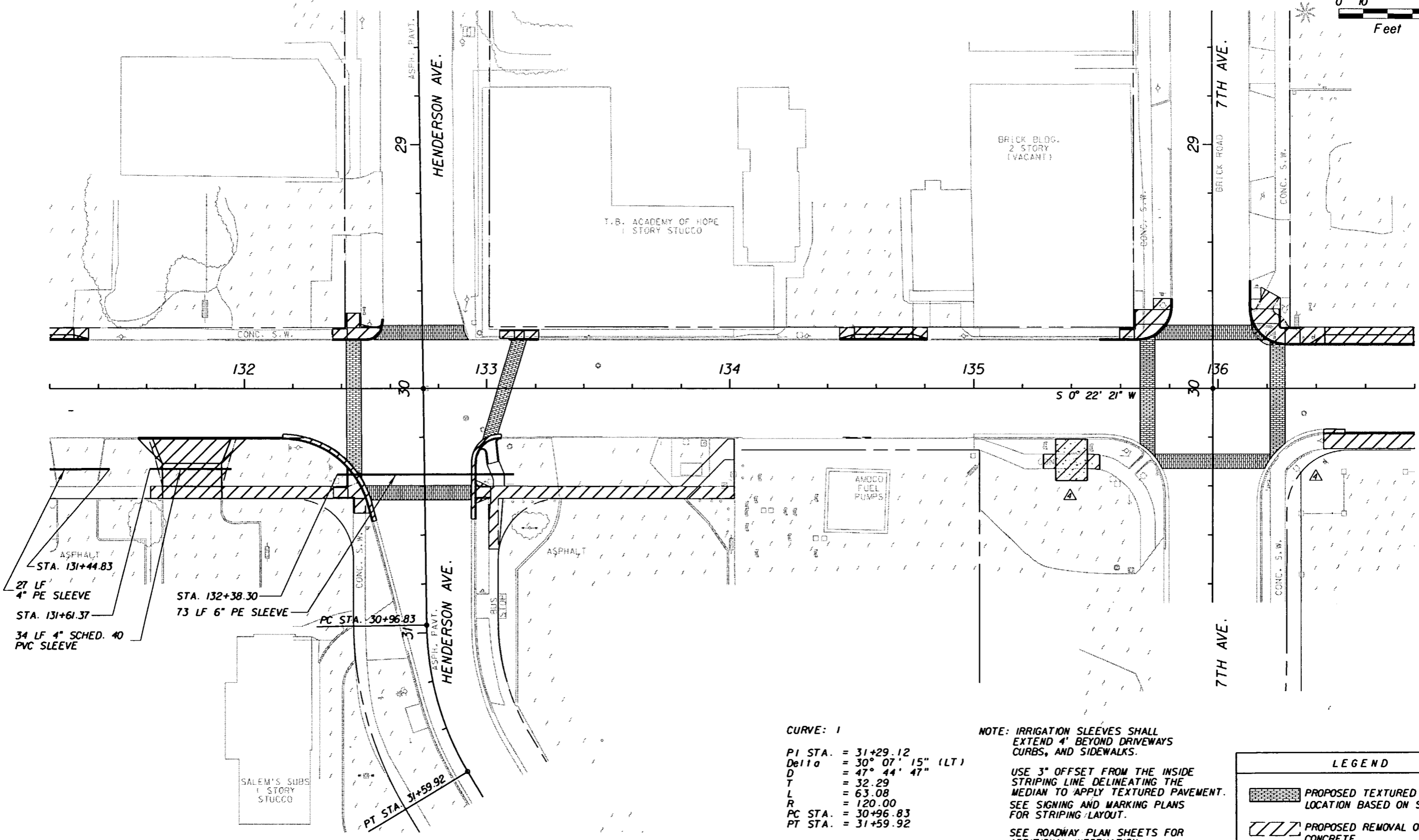
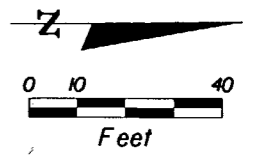
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**131+20.00 TO 136+80.00**

SHEET NO.  
 132

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



ASPHALT  
STA. 131+44.83  
27 LF  
4" PE SLEEVE  
STA. 131+61.37  
34 LF 4" SCHED. 40  
PVC SLEEVE

STA. 132+38.30  
73 LF 6" PE SLEEVE

PC STA. 30+96.83

PT STA. 31+59.92

**CURVE: 1**  
PI STA. = 31+29.12  
Delta = 30° 07' 15" (LT)  
D = 47° 44' 47"  
T = 32.29  
L = 63.08  
R = 120.00  
PC STA. = 30+96.83  
PT STA. = 31+59.92

**NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.**  
**USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT.**  
**SEE SIGNING AND MARKING PLANS FOR STRIPING/LAYOUT.**  
**SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION**

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
09/26/07	MJM	ADJUSTED CONCRETE REMOVAL SHAPE.			

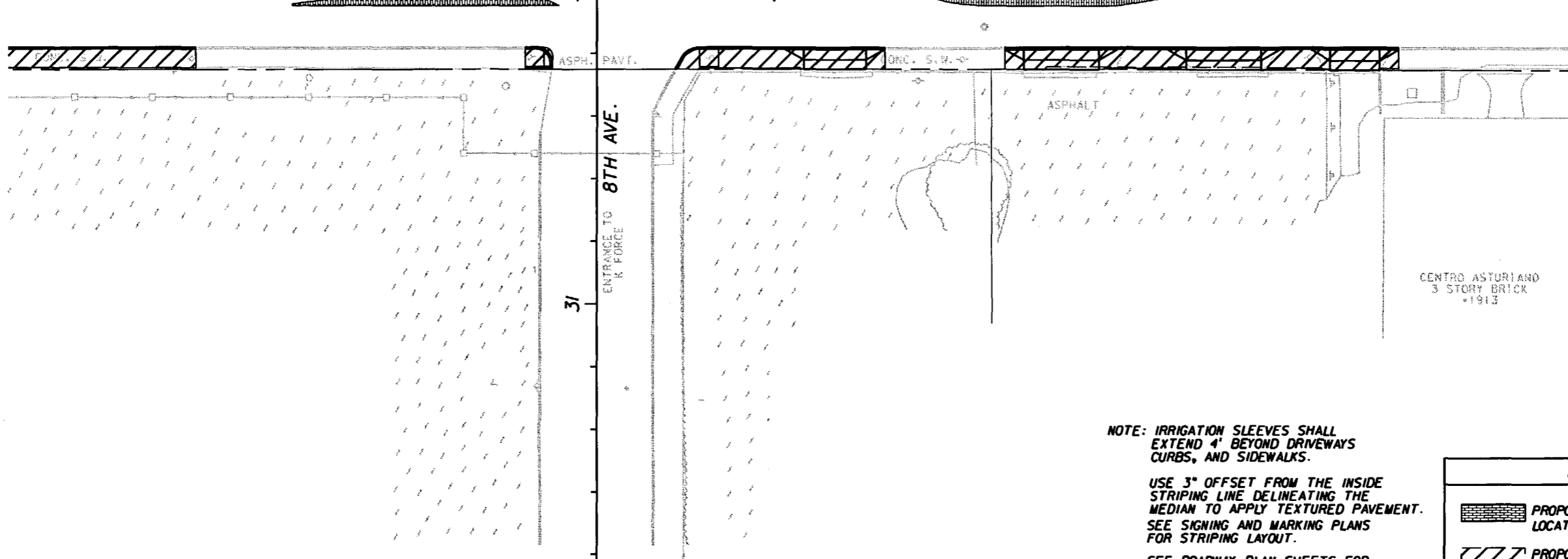
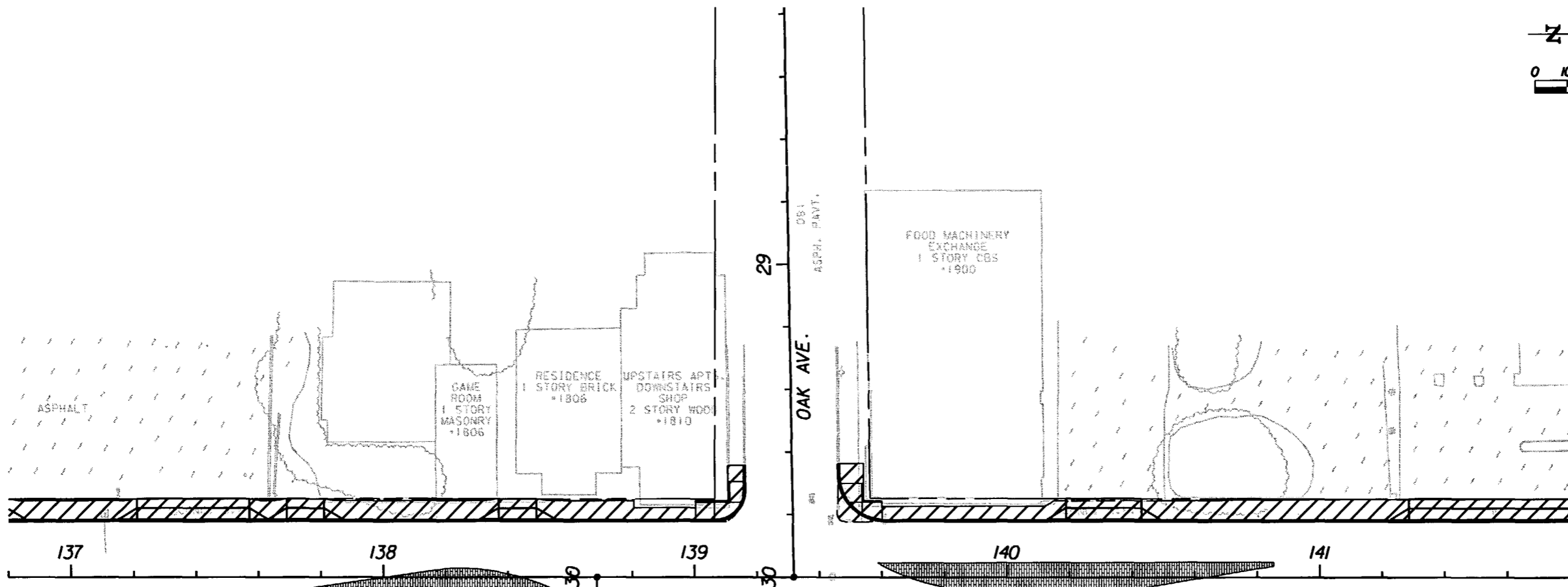
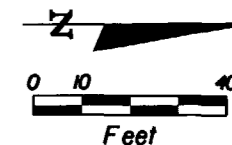
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**131+20.00 TO 136+80.00**

SHEET NO.  
132

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6615-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

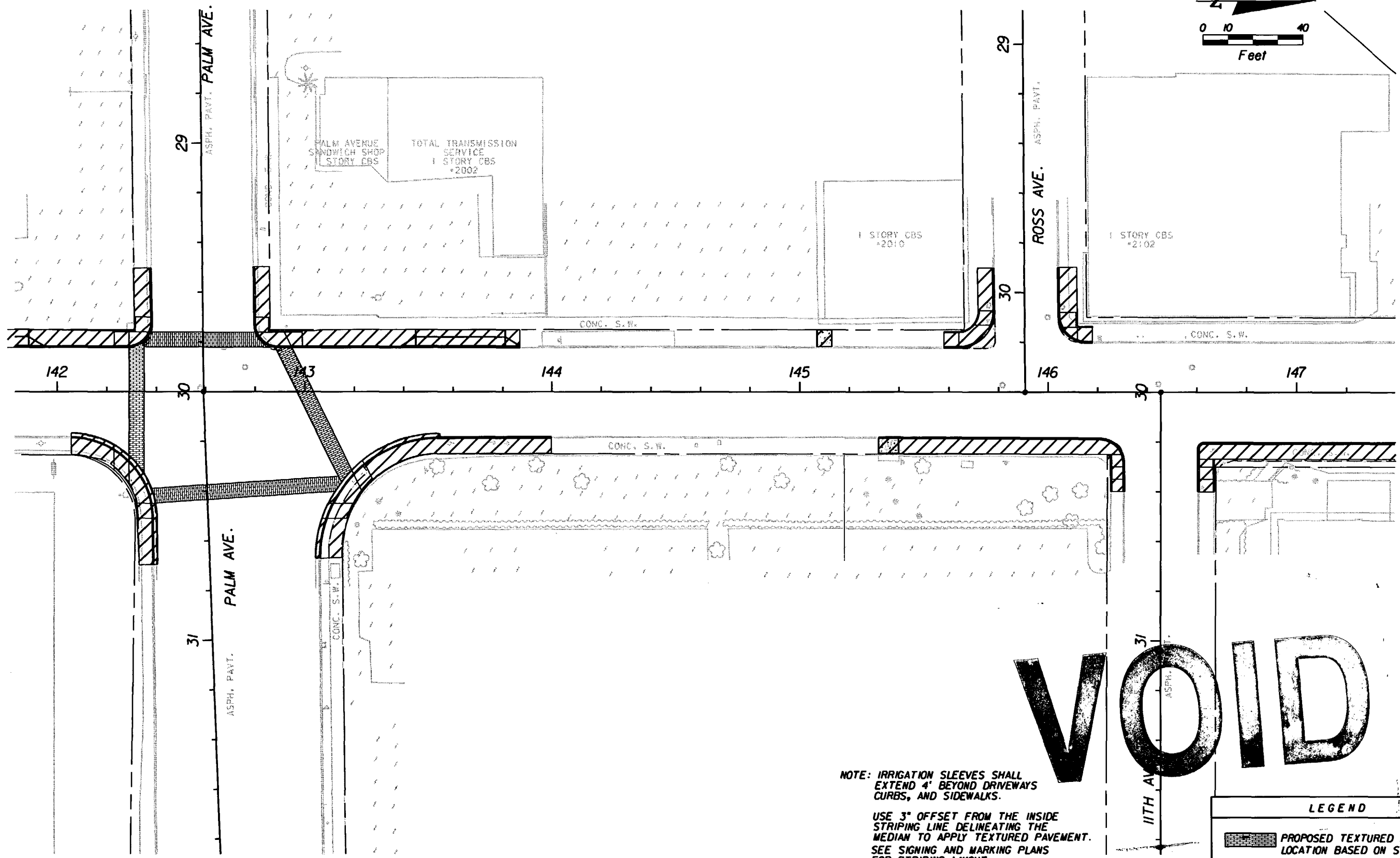
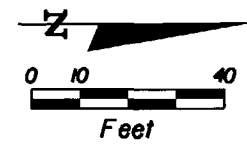
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**136+80.00 TO 141+80.00**

SHEET NO.  
 133

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G15-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

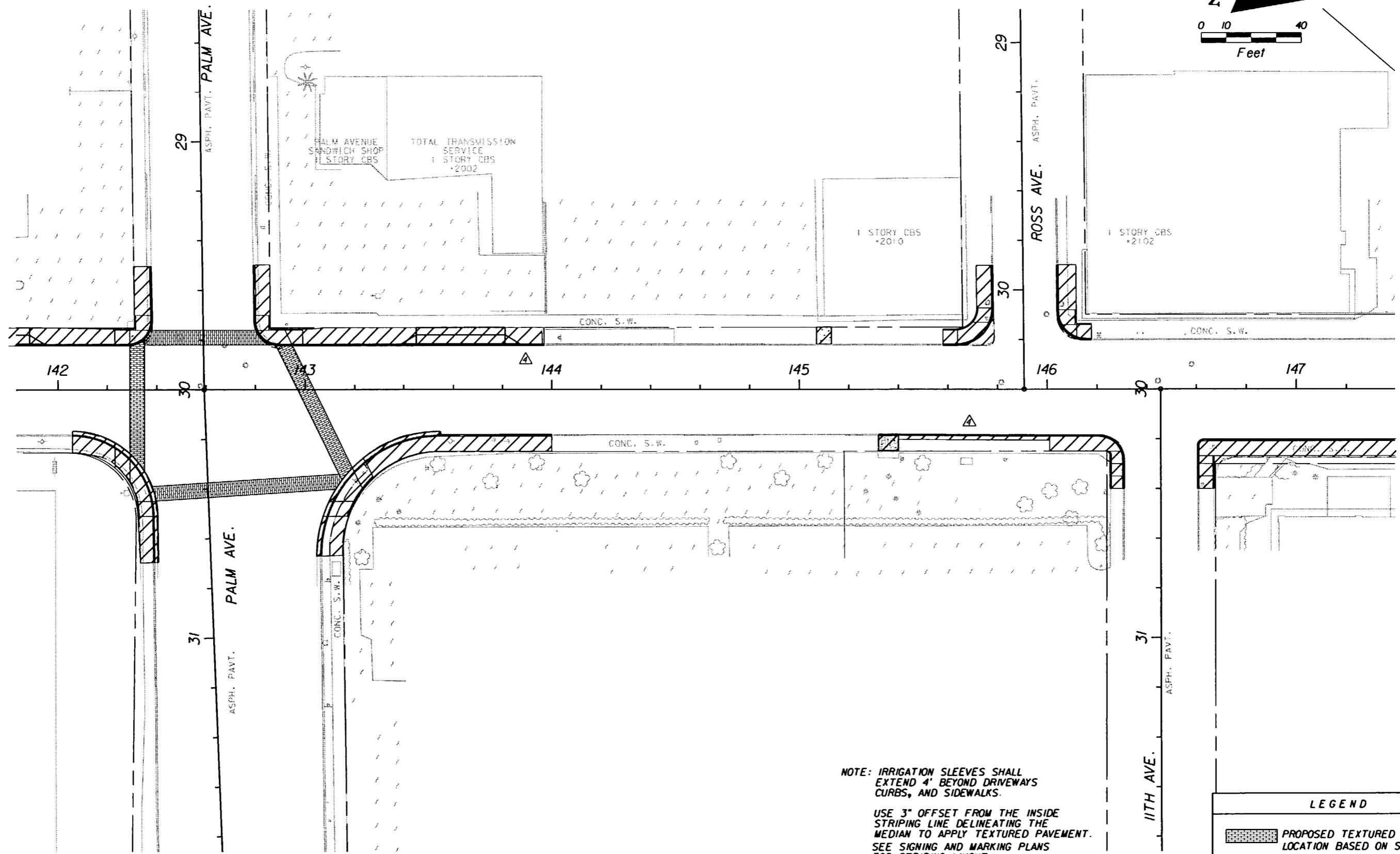
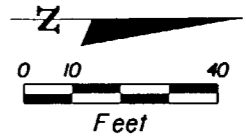
USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL DETAILS 141+80.00 TO 147+40.00	SHEET NO. 134
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66S-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
09/26/07	MJM	ADJUSTED CONCRETE REMOVAL SHAPE.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

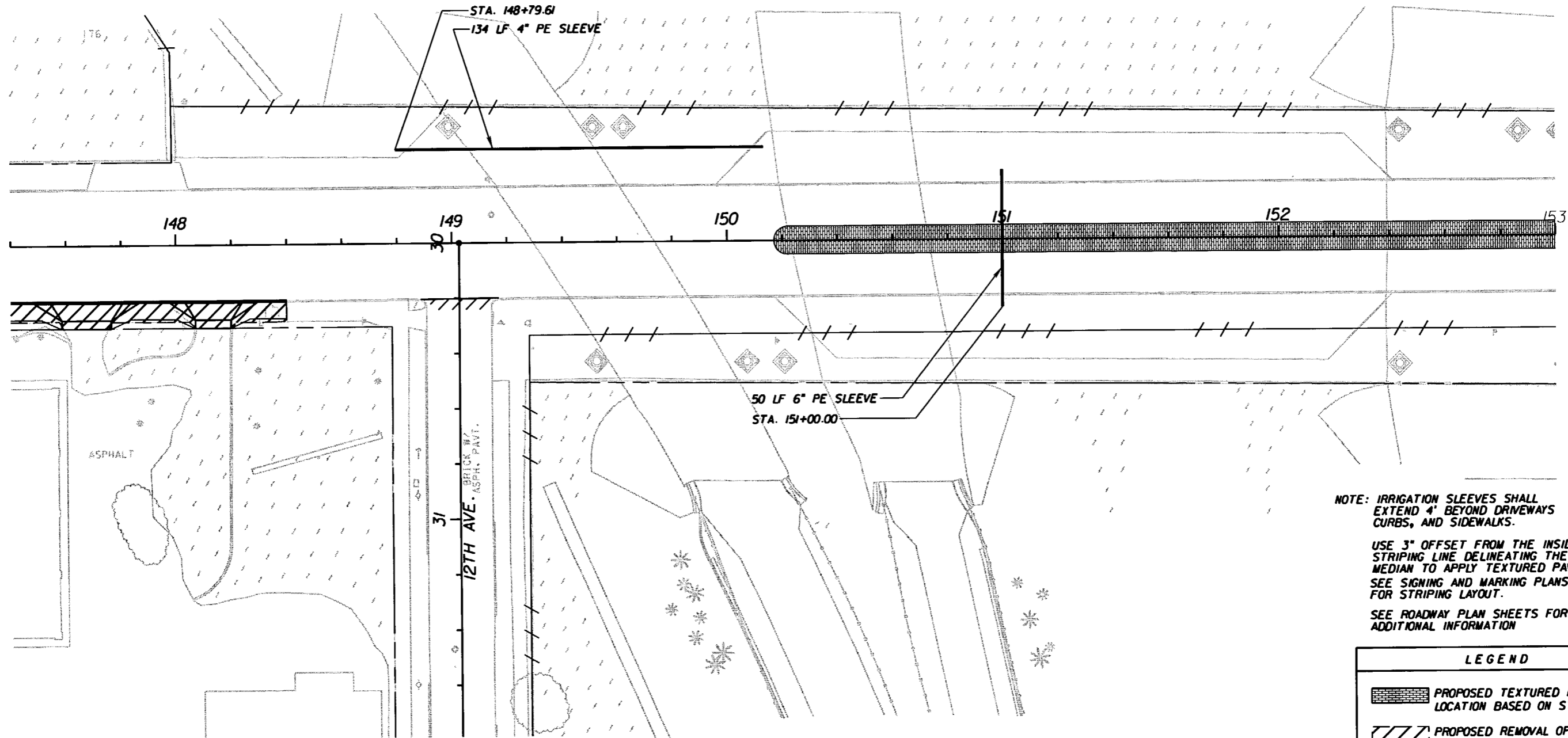
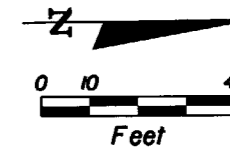
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**141+80.00 TO 147+40.00**

SHEET NO.  
 134

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.





NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

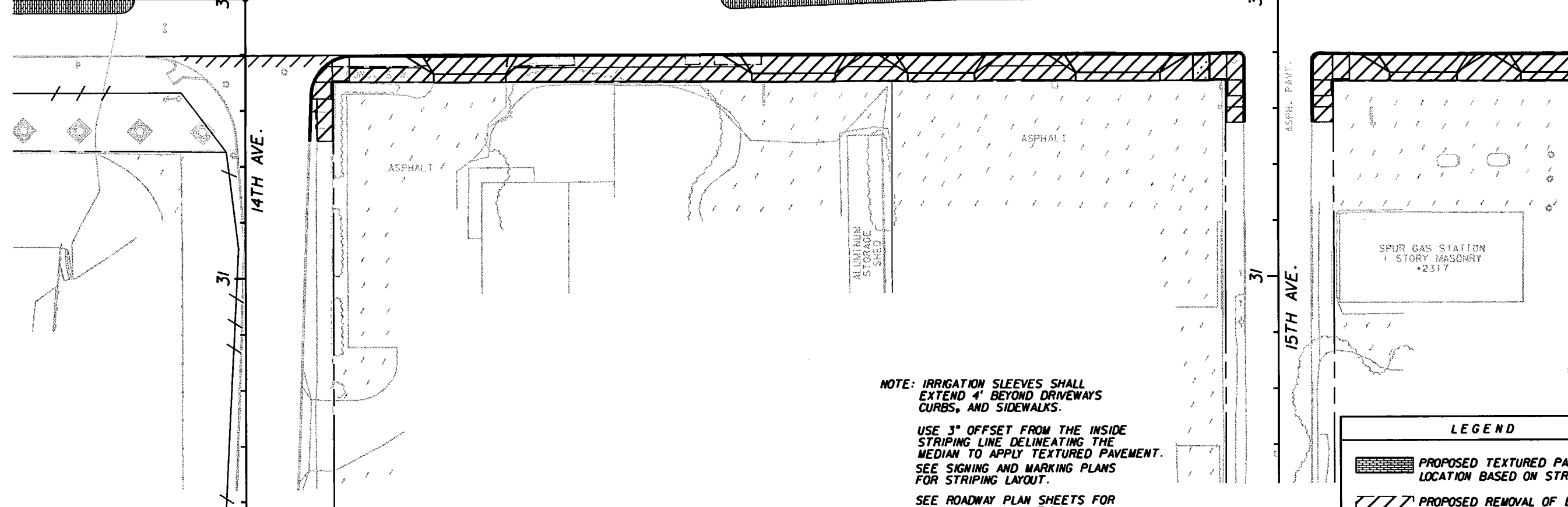
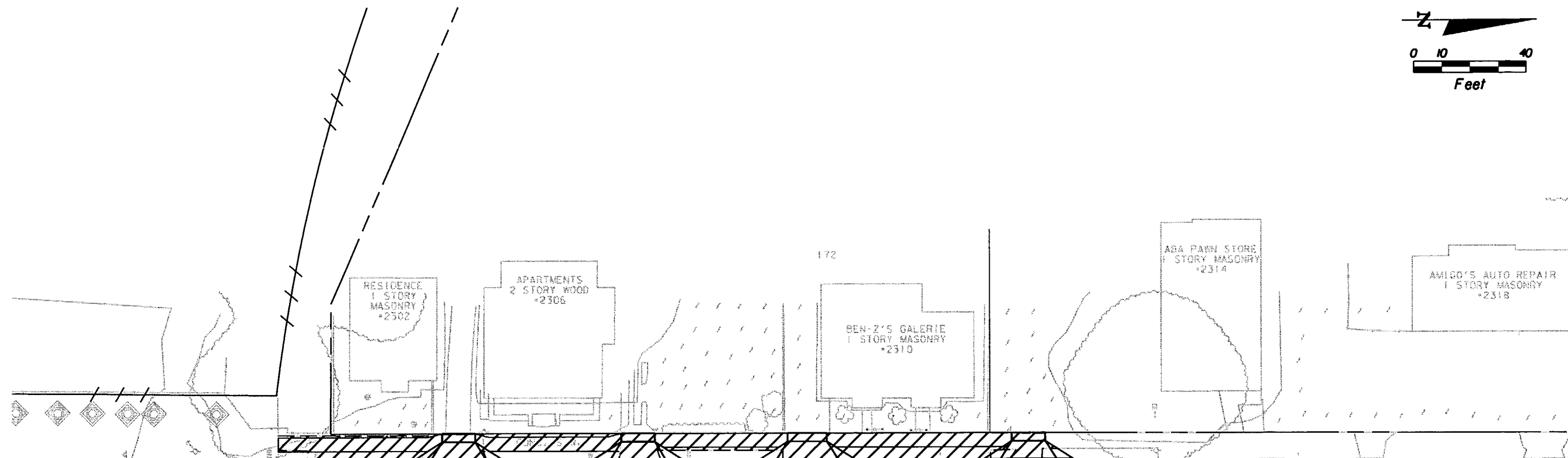
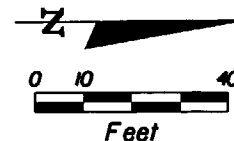
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**147+40.00 TO 153+00.00**

SHEET NO.  
 135

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6815-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

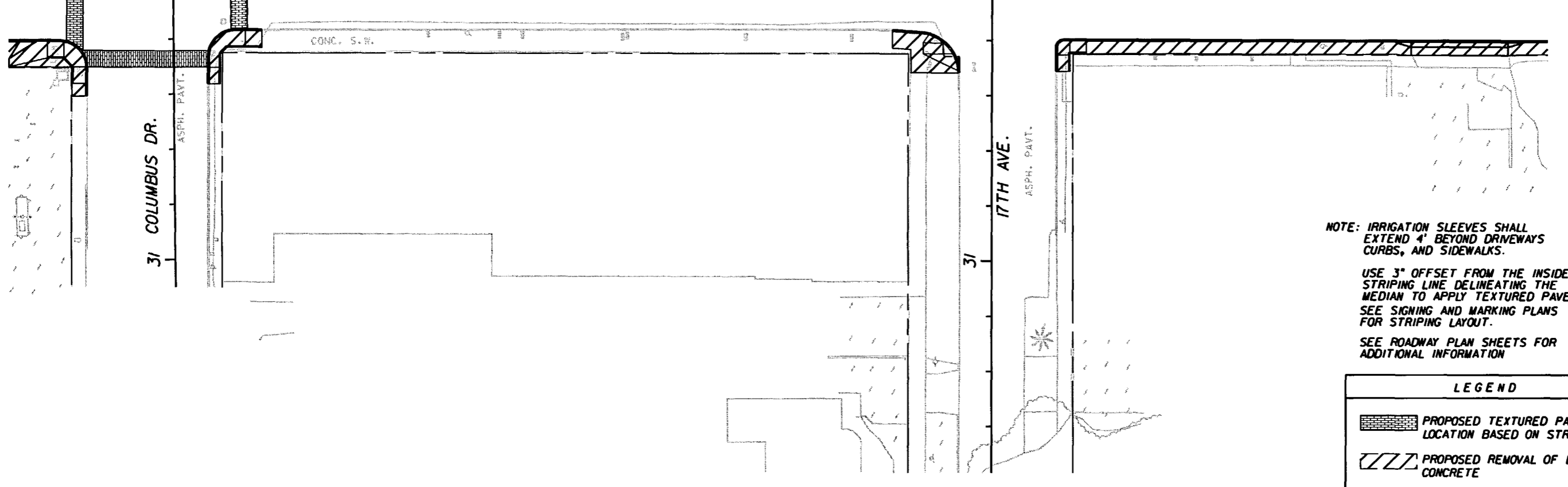
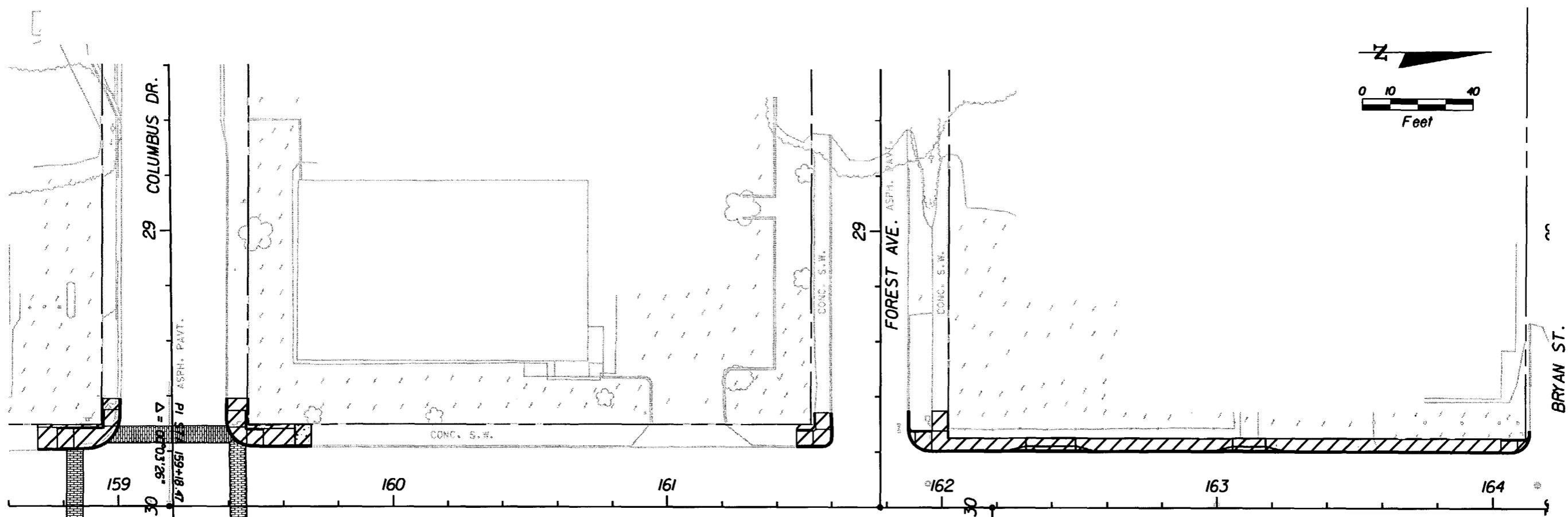
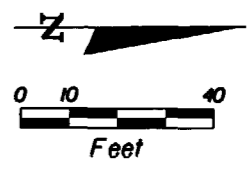
USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SPECIAL DETAILS</b> <b>153+00.00 TO 158+60.00</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		136

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6615-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4" BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

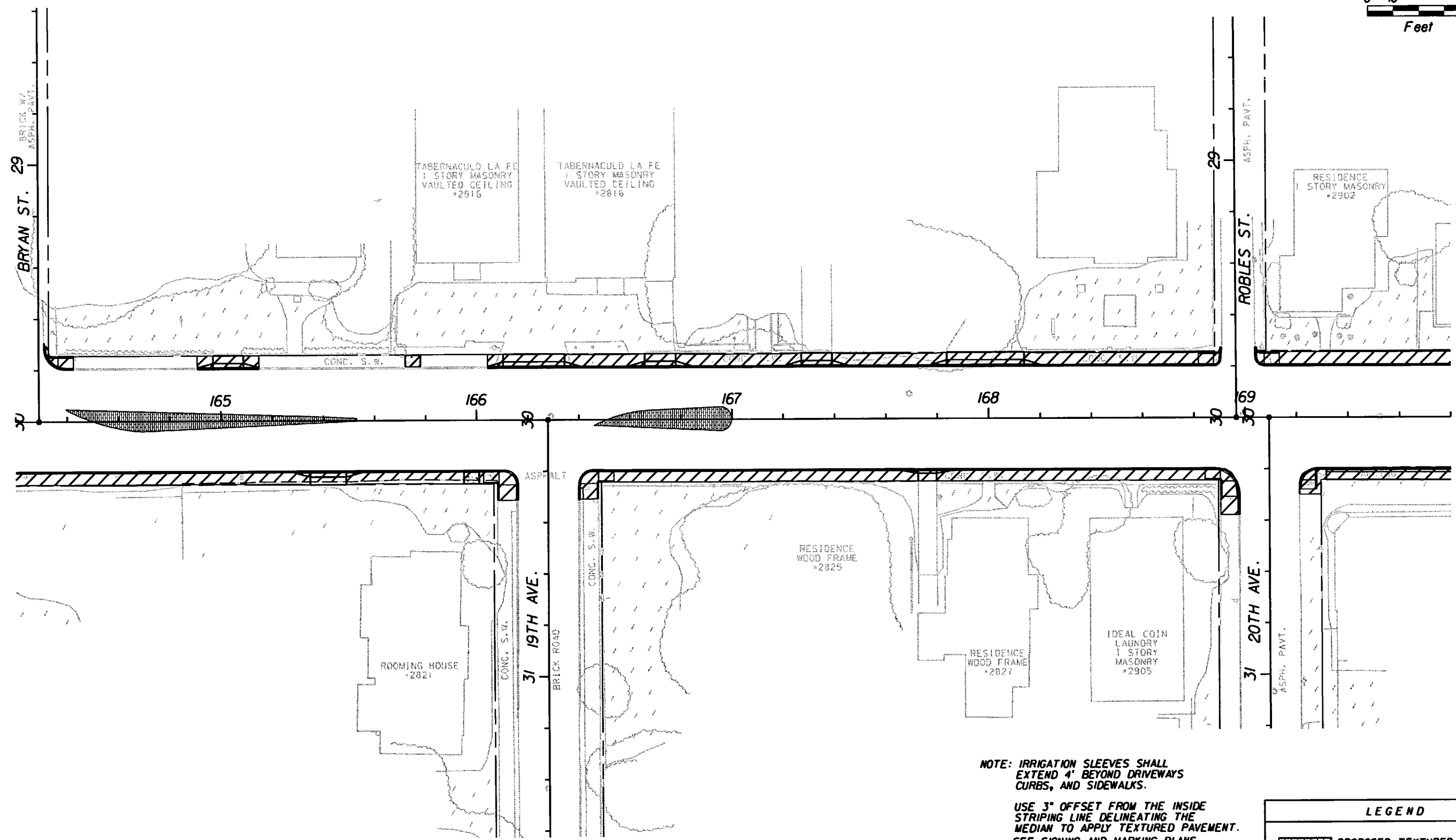
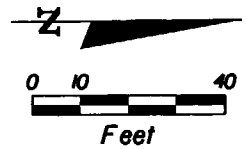
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**158+60.00 TO 164+20.00**

SHEET NO.  
 137

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT.

SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

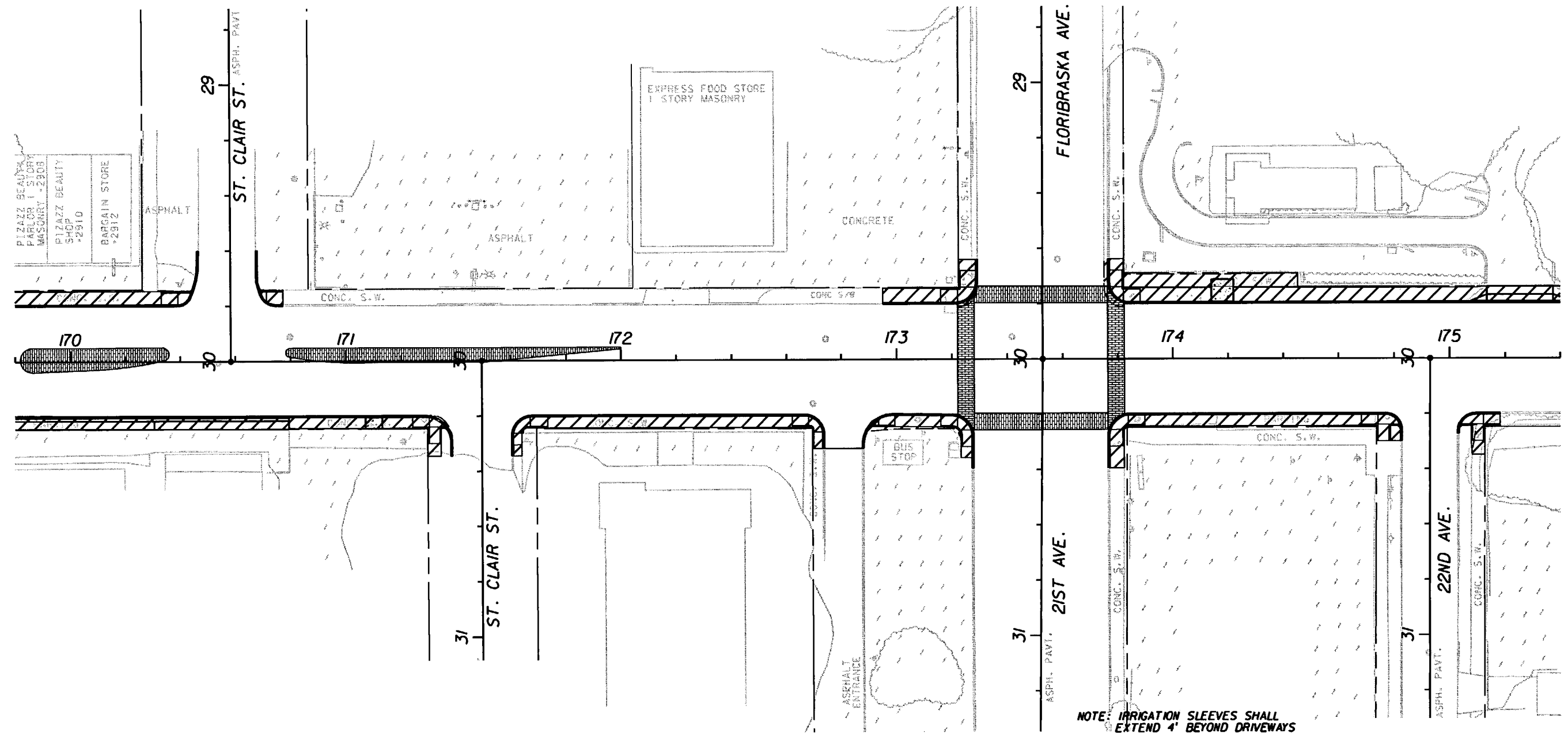
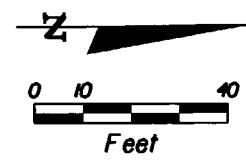
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**164+20.00 TO 169+80.00**

SHEET NO.  
 138

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

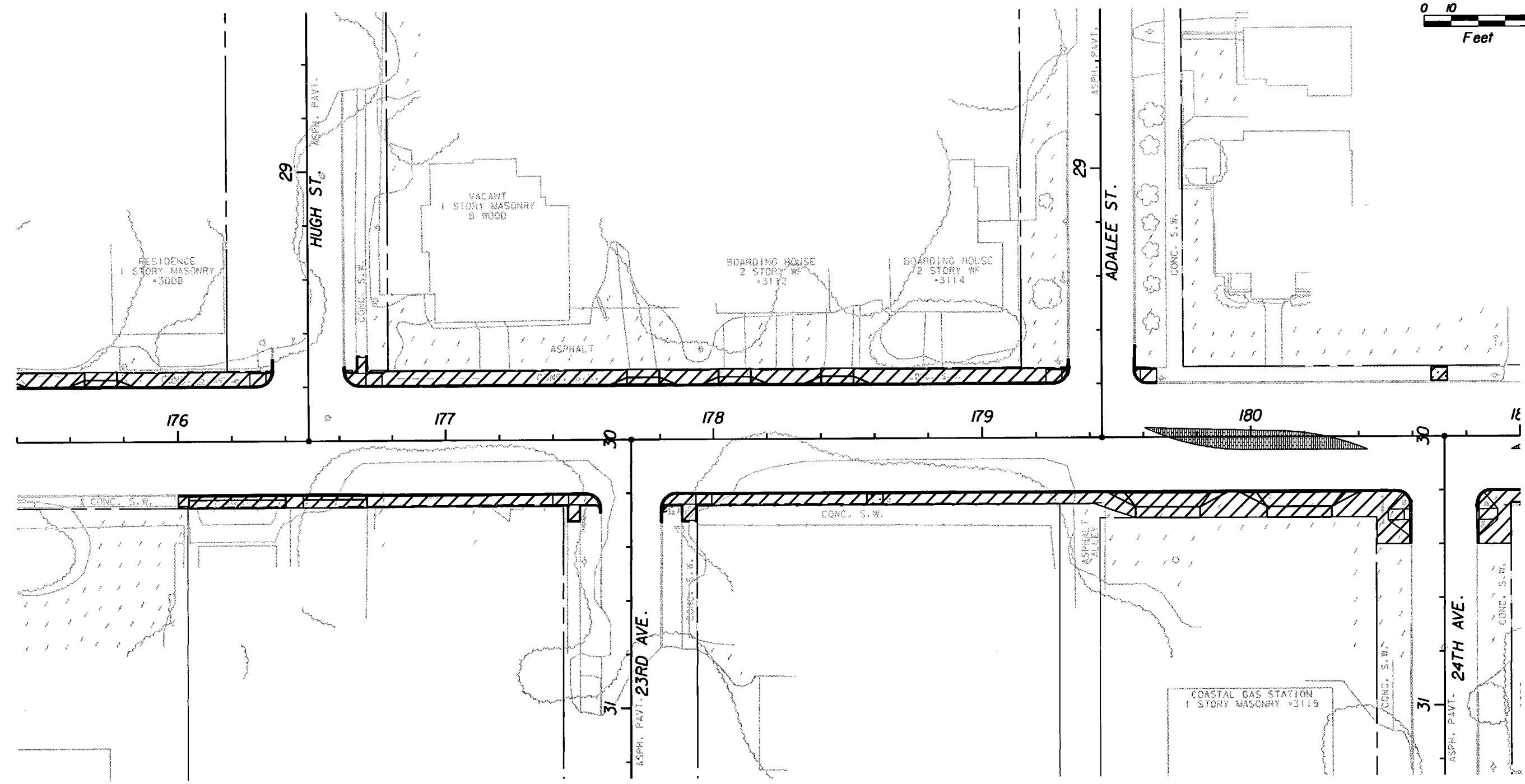
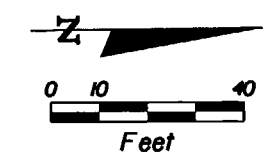
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**169+80.00 TO 175+40.00**

SHEET NO.  
 139

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

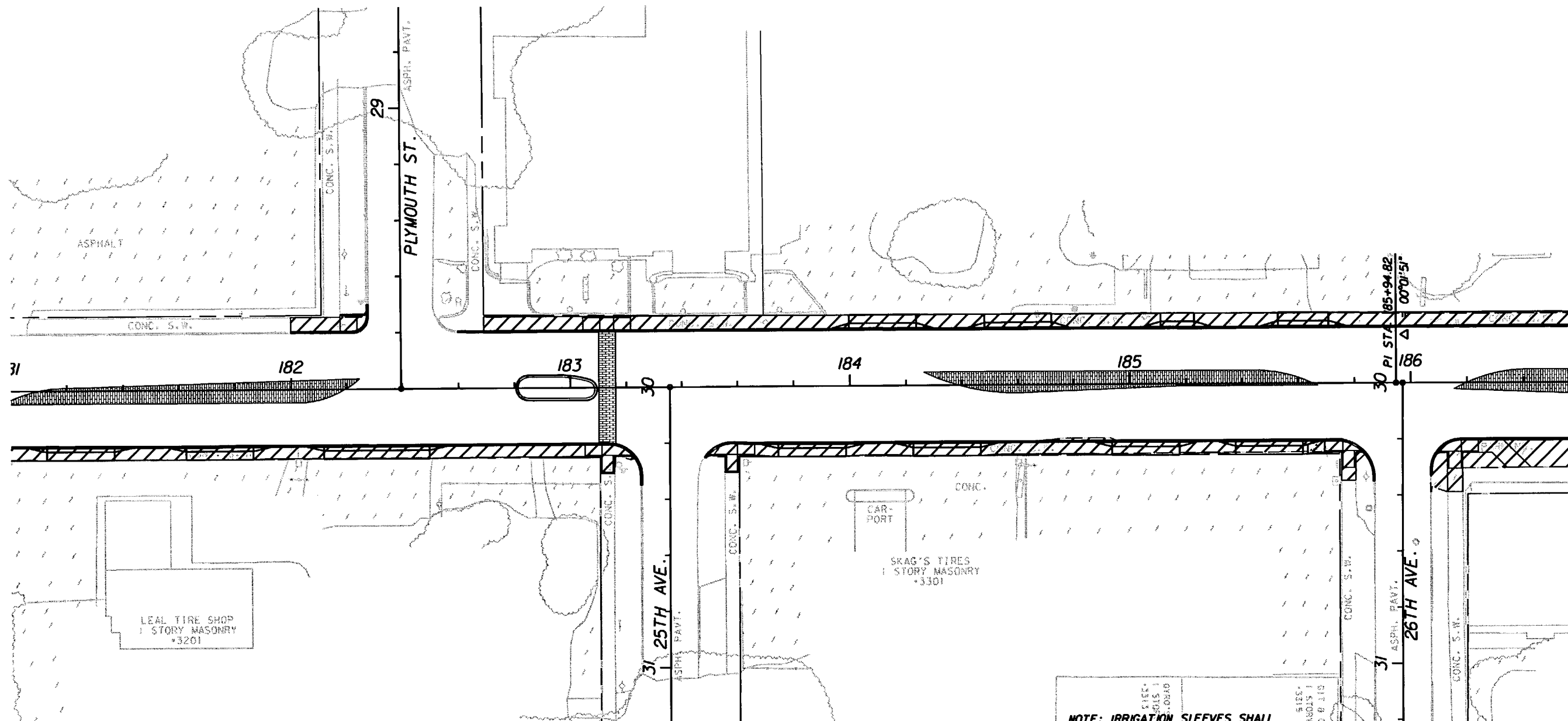
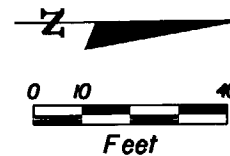
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**175+40.00 TO 181+00.00**

SHEET NO.  
 140

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.





NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

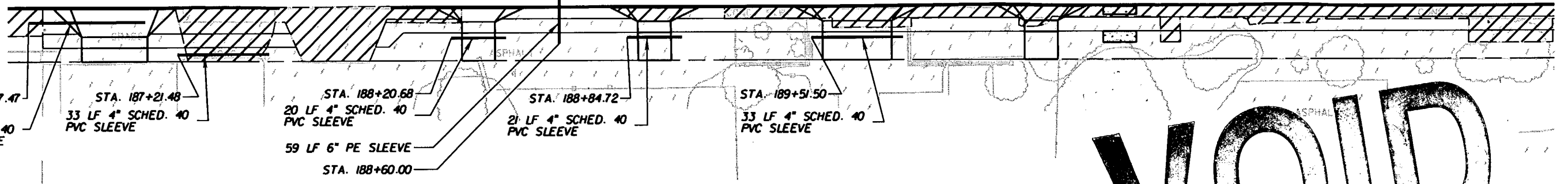
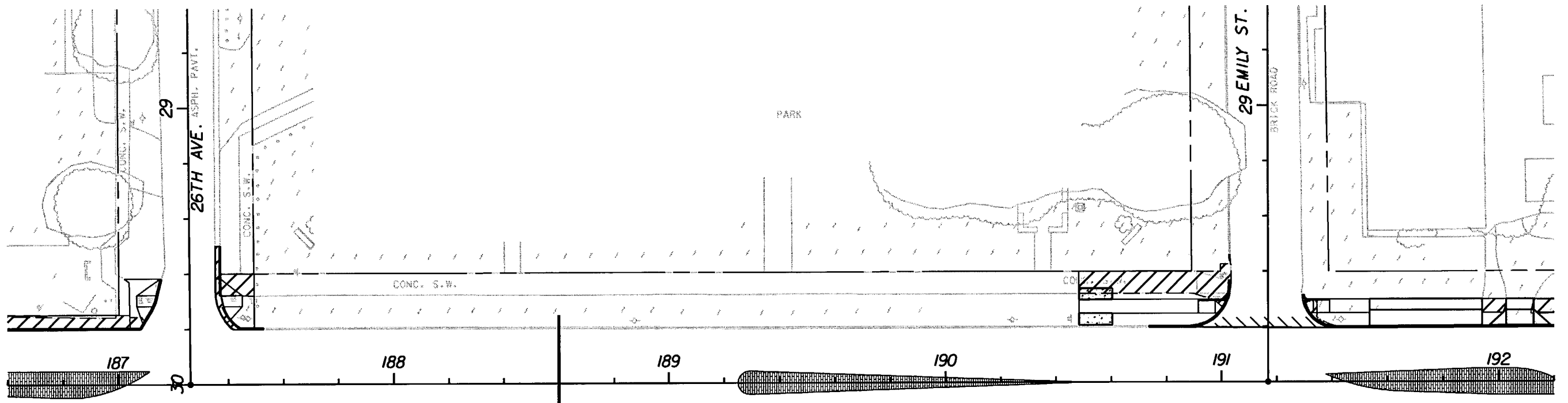
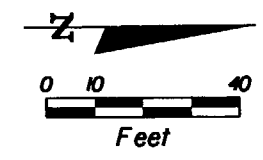
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**181+00.00 TO 186+60.00**

SHEET NO.  
 141

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60G5-23.003, F.A.C.



STA. 186+67.47  
 43 LF 4" SCHED. 40 PVC SLEEVE

STA. 187+21.48  
 33 LF 4" SCHED. 40 PVC SLEEVE

STA. 188+20.68  
 20 LF 4" SCHED. 40 PVC SLEEVE  
 59 LF 6" PE SLEEVE  
 STA. 188+60.00

STA. 188+84.72  
 21 LF 4" SCHED. 40 PVC SLEEVE

STA. 189+51.50  
 33 LF 4" SCHED. 40 PVC SLEEVE

# VOID

NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

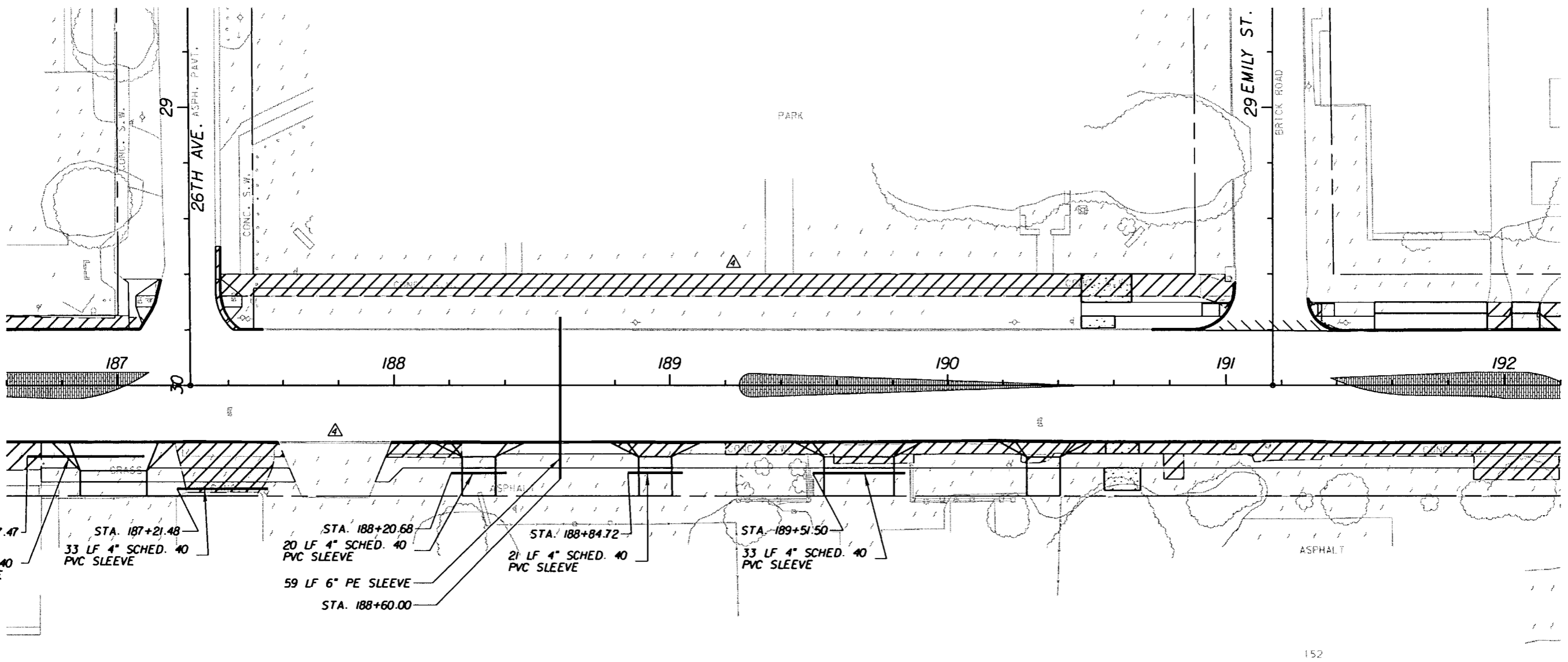
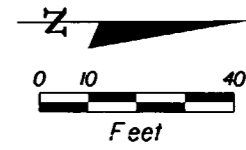
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**186+60.00 TO 192+20.00**

SHEET NO.  
 142

NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
09/26/07	NJM	ADJUSTED CONCRETE REMOVAL SHAPES.			

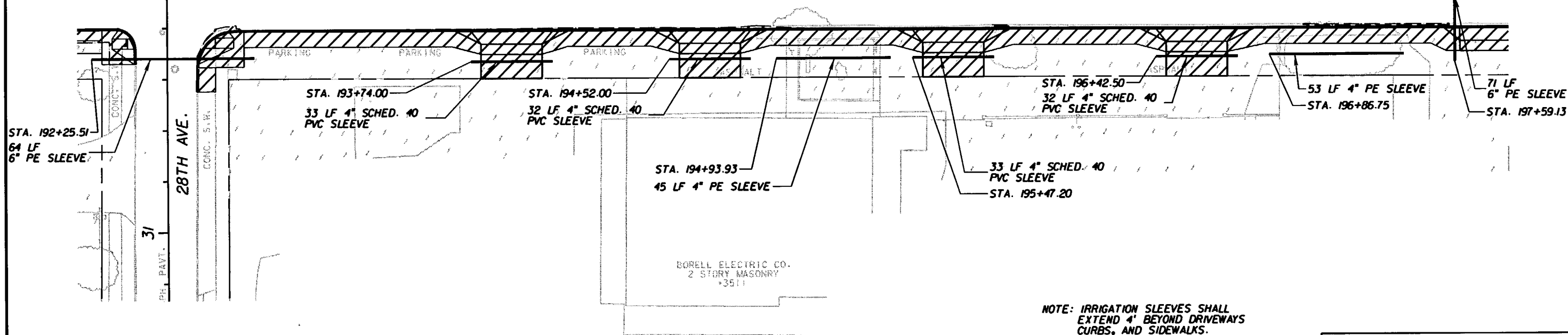
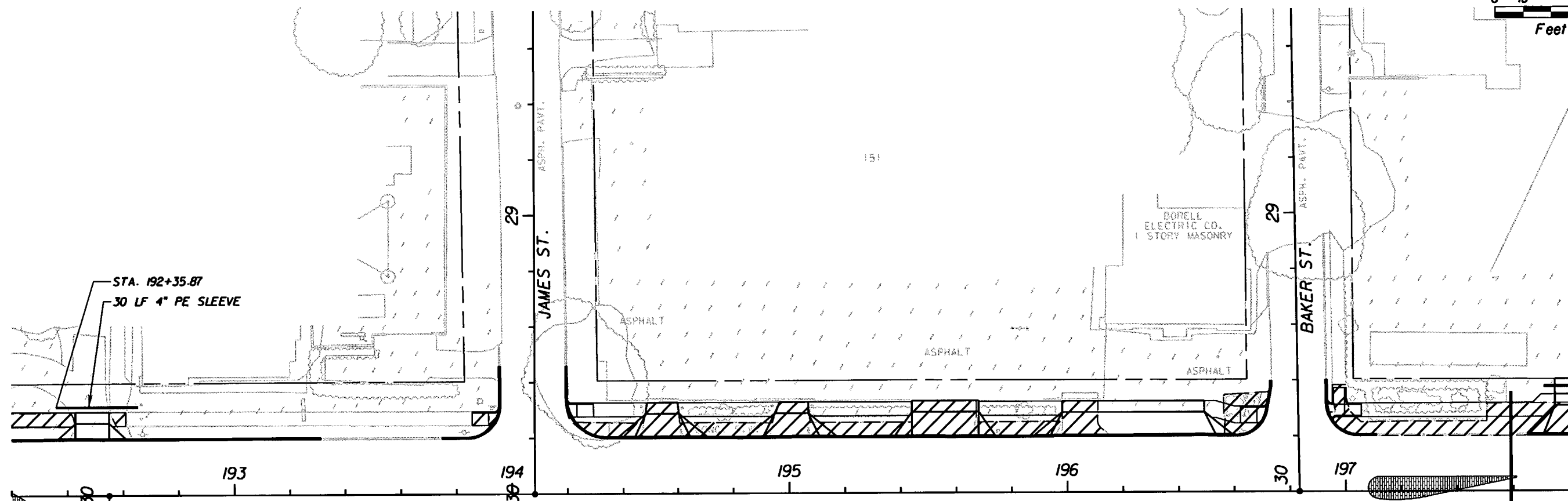
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**186+60.00 TO 192+20.00**

SHEET NO.  
 142

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G5-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

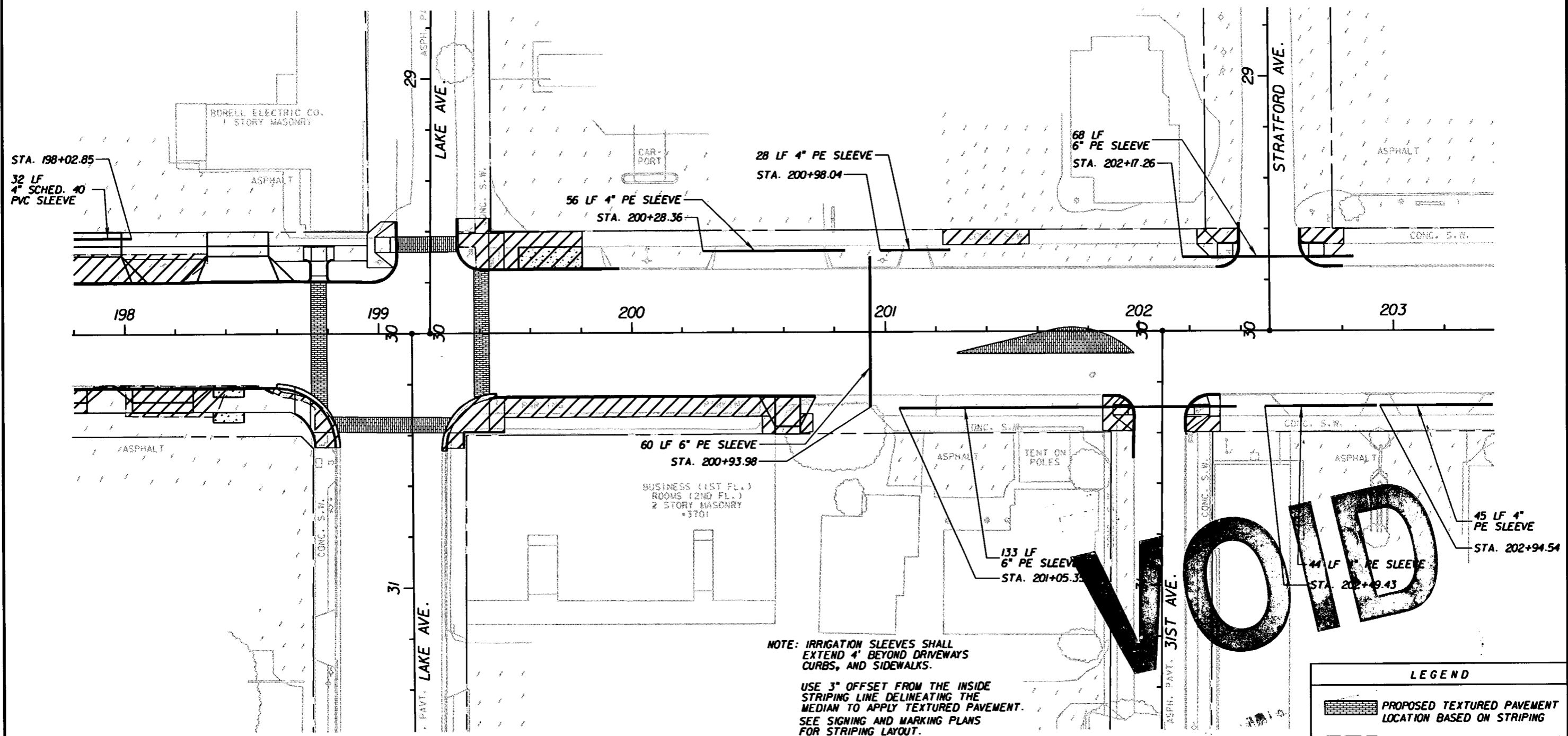
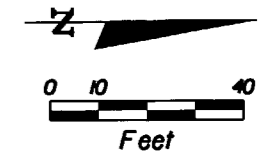
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**192+20.00 TO 197+80.00**

SHEET NO.
143

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

**VOID**

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

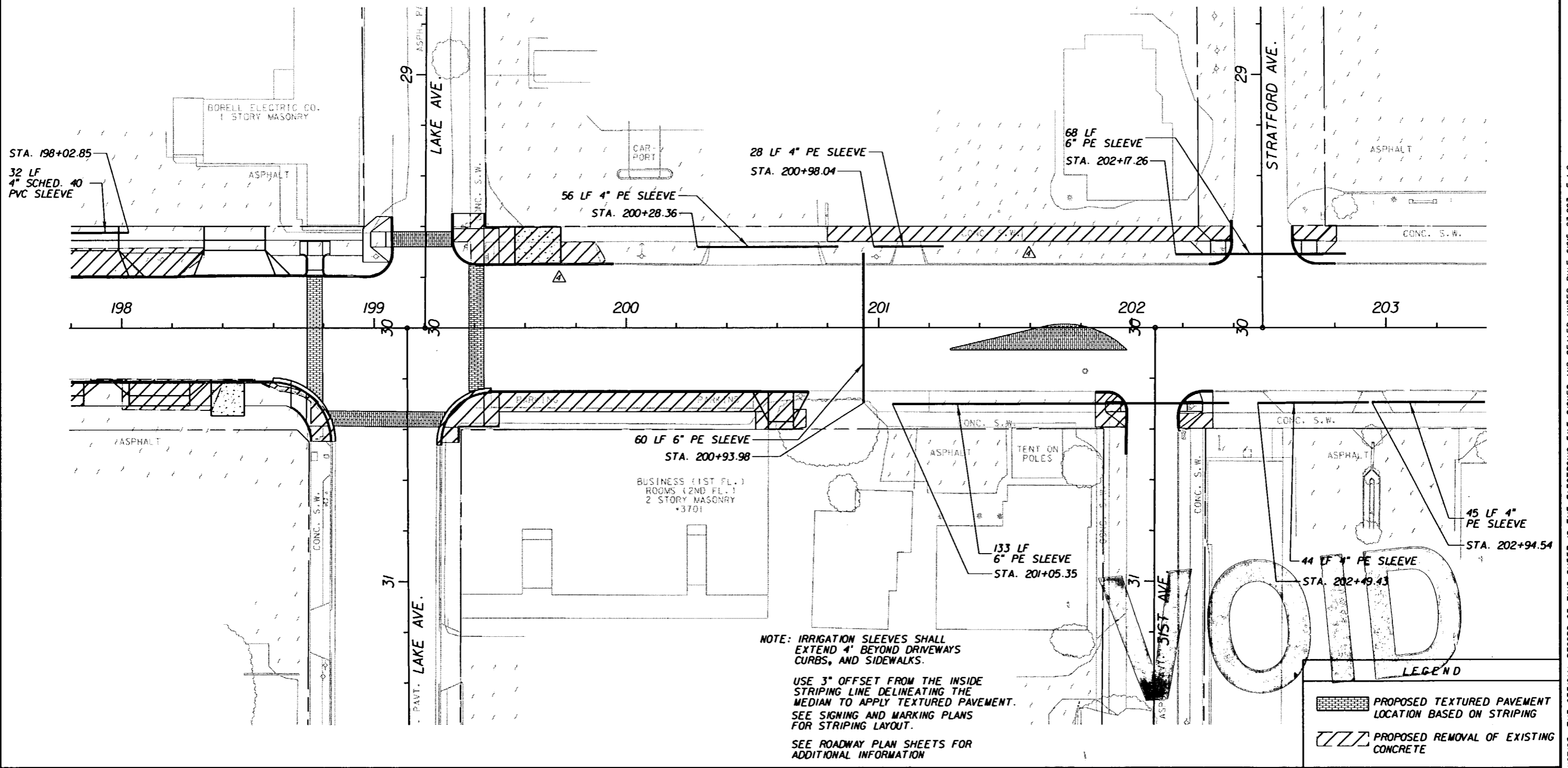
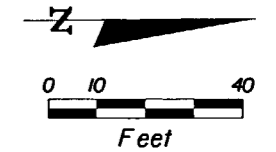
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**197+80.00 TO 203+40.00**

SHEET NO.  
 144

NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT.

SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

**VOID**

LEGEND

- PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
- PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
09/26/07	MJM	ADJUSTED CONCRETE REMOVAL SHAPE.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

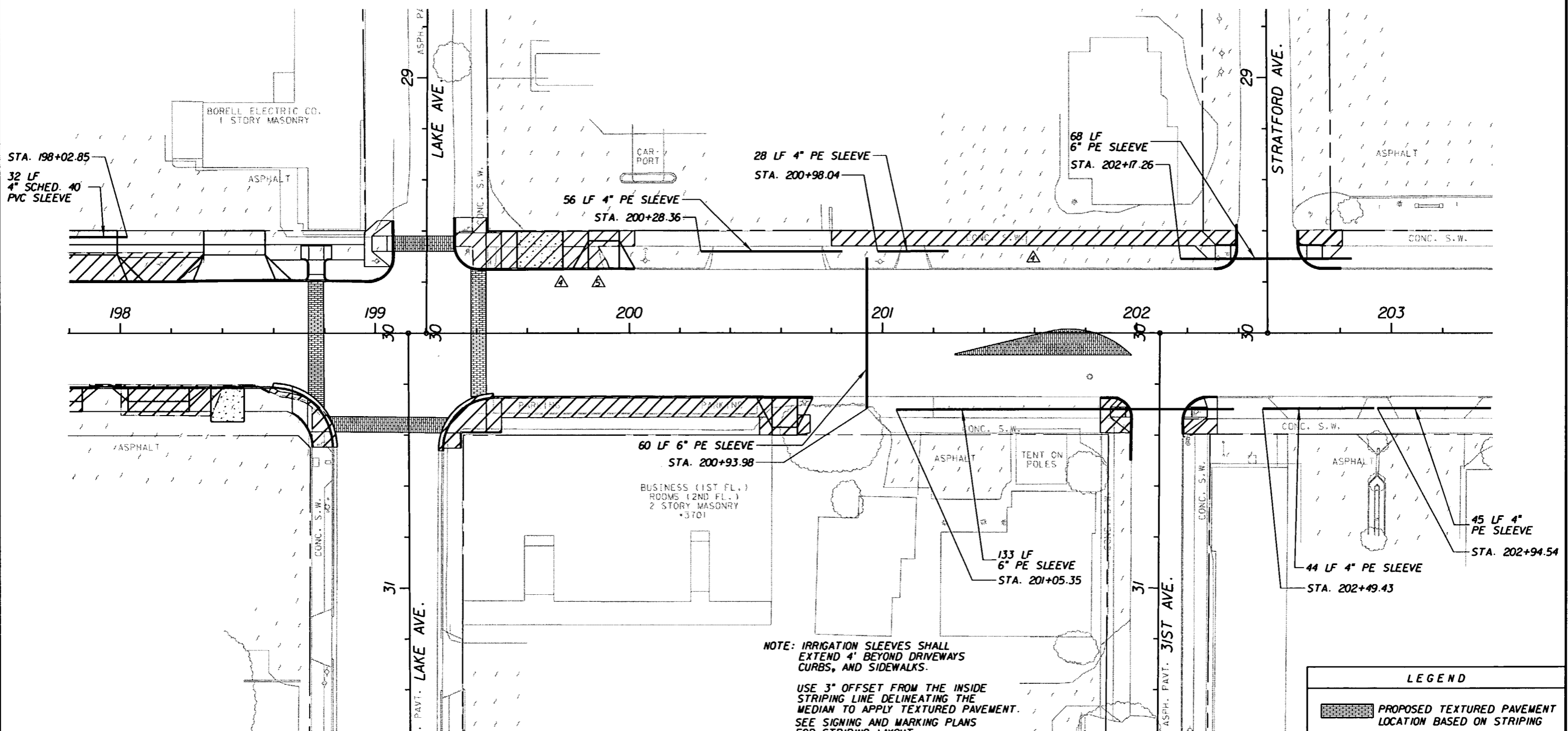
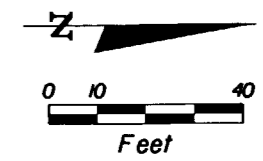
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**197+80.00 TO 203+40.00**

SHEET NO.  
 144

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.





NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

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SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
09/26/07	MJM	ADJUSTED CONCRETE REMOVAL SHAPE.			
02/27/08	MJM	ADJUSTED CONCRETE REMOVAL SHAPE.			

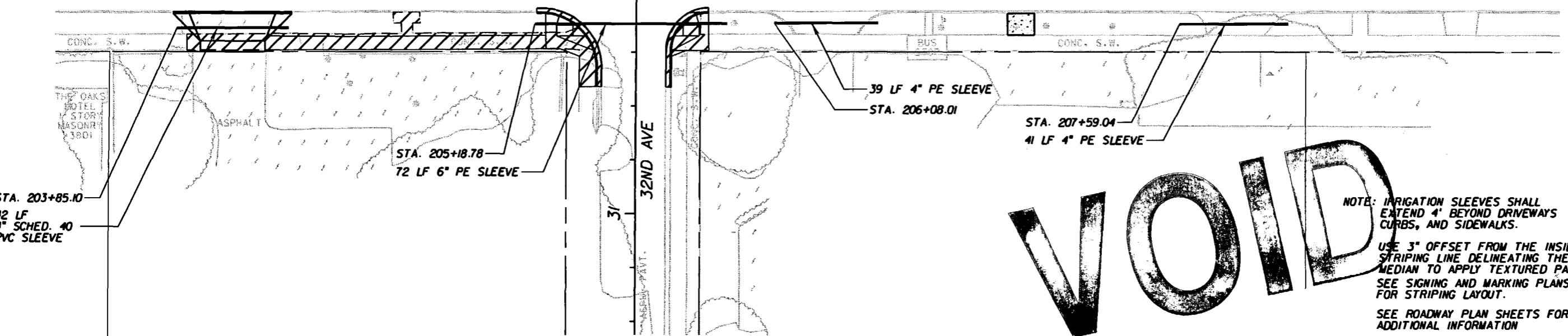
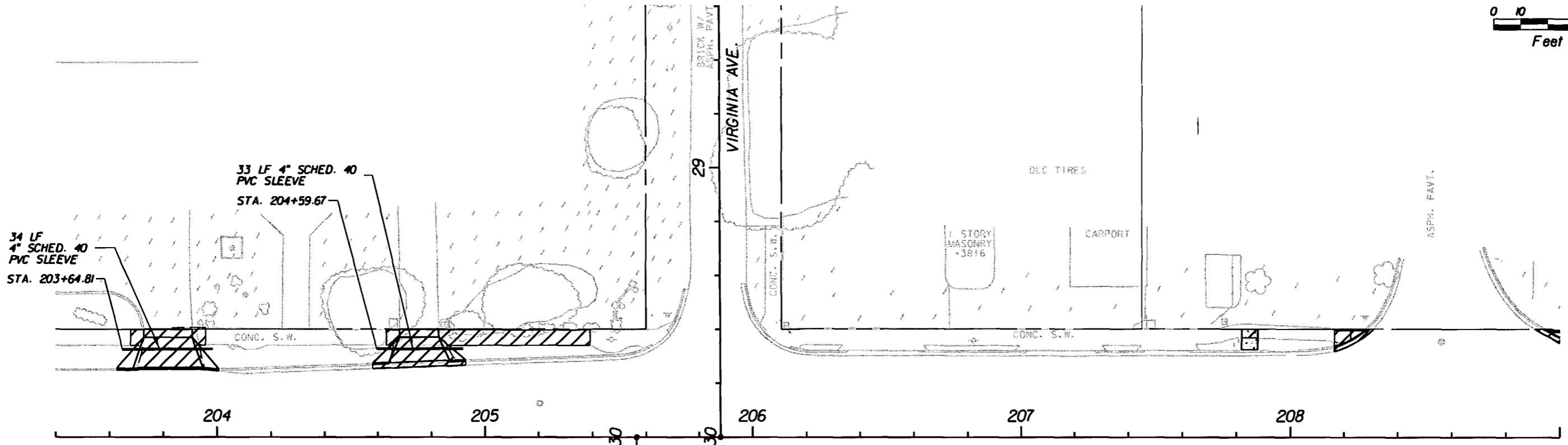
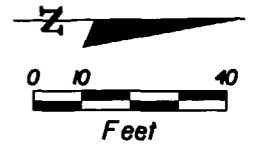
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**197+80.00 TO 203+40.00**

SHEET NO.  
 144

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



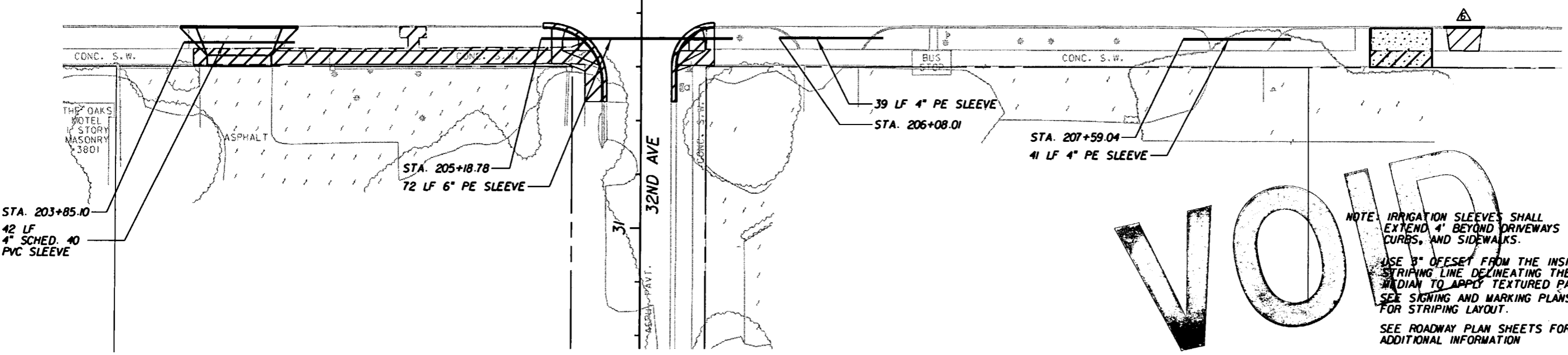
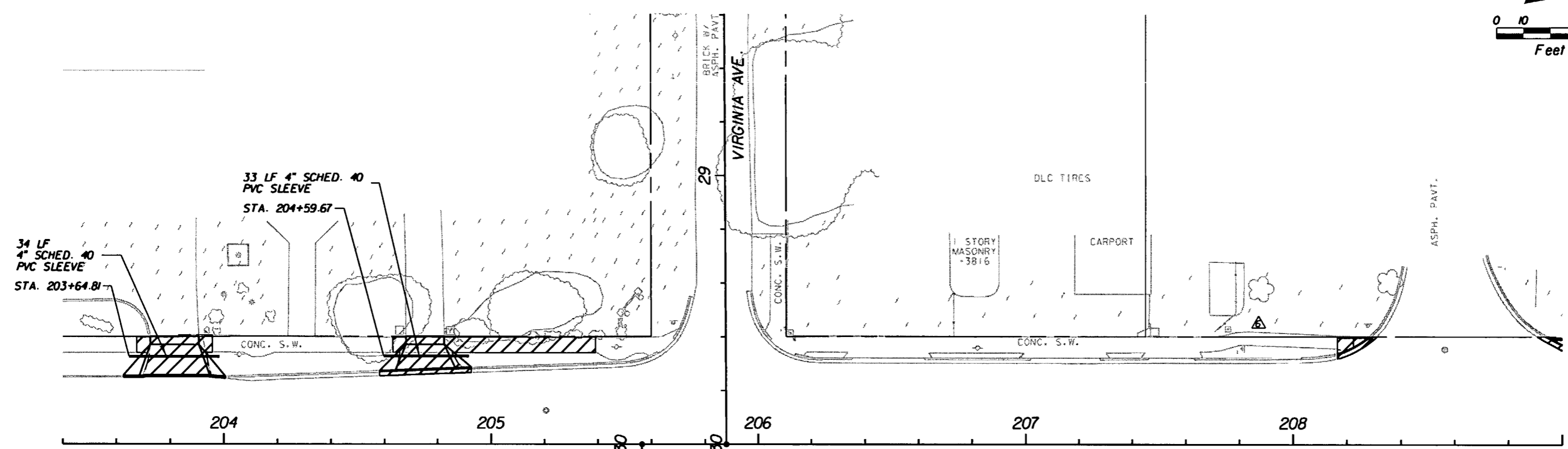
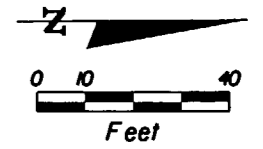
**VOID**

NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.  
 USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.  
 SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  145
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							S.R. 45	HILLSBOROUGH	255853-1-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.



VOID

NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.  
 USE 8" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT.  
 SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.  
 SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/10/08	MJM	△ ADDED CONCRETE REMOVAL AREA. REMOVED CONCRETE REMOVAL AREA.			

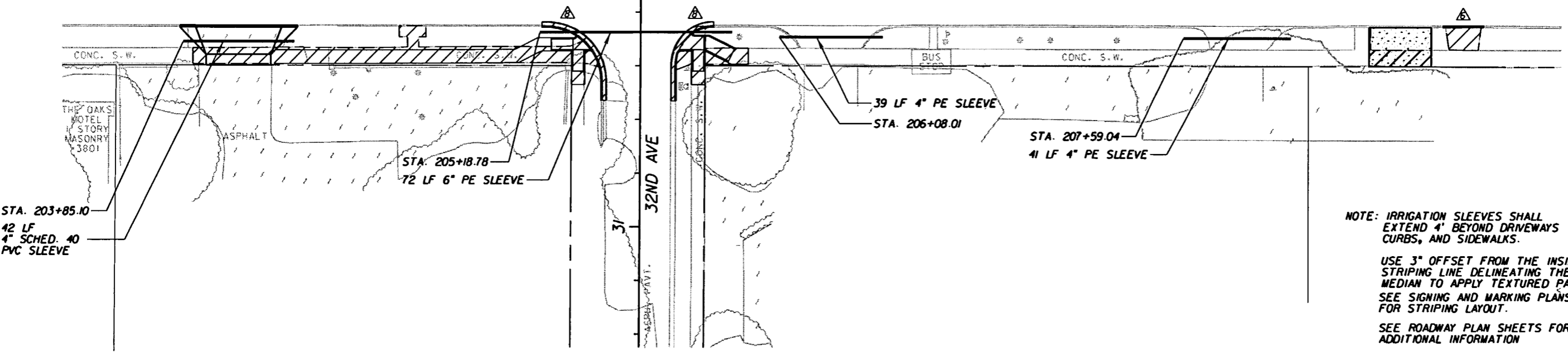
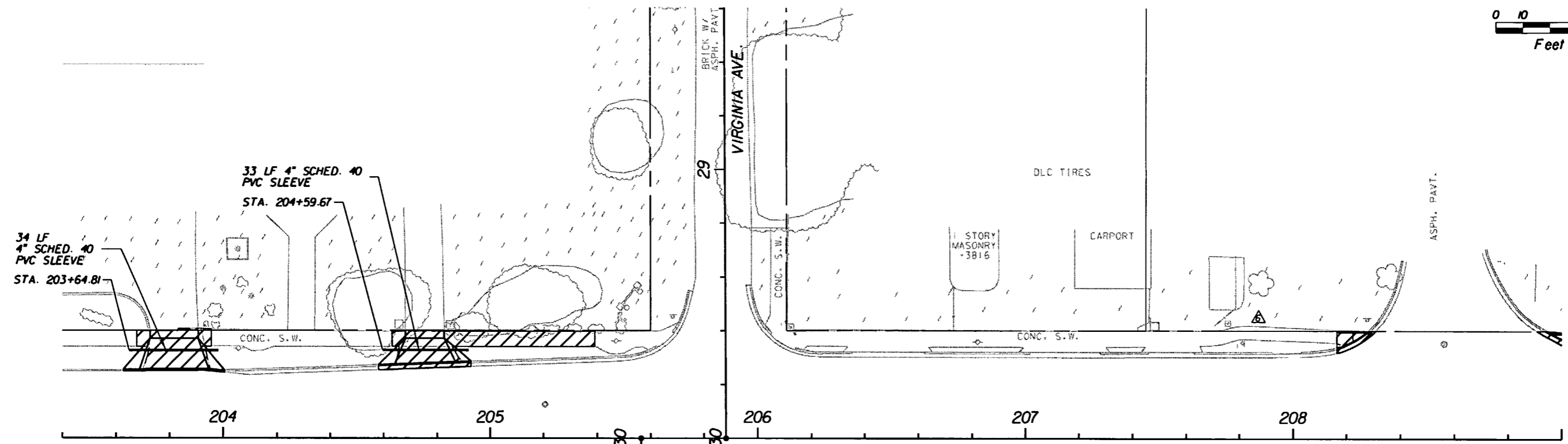
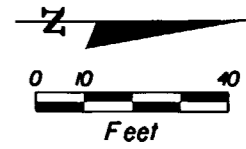
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**203+40.00 TO 209+00.00**

SHEET NO.  
 145

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68F5-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/10/08	MJM	ADDED CONCRETE REMOVAL AREA. REMOVED CONCRETE REMOVAL AREA.			
06/25/08	MJM	ADJUSTED CONCRETE REMOVAL AREA. RELOCATED PE SLEEVE.			

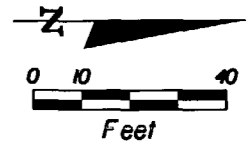
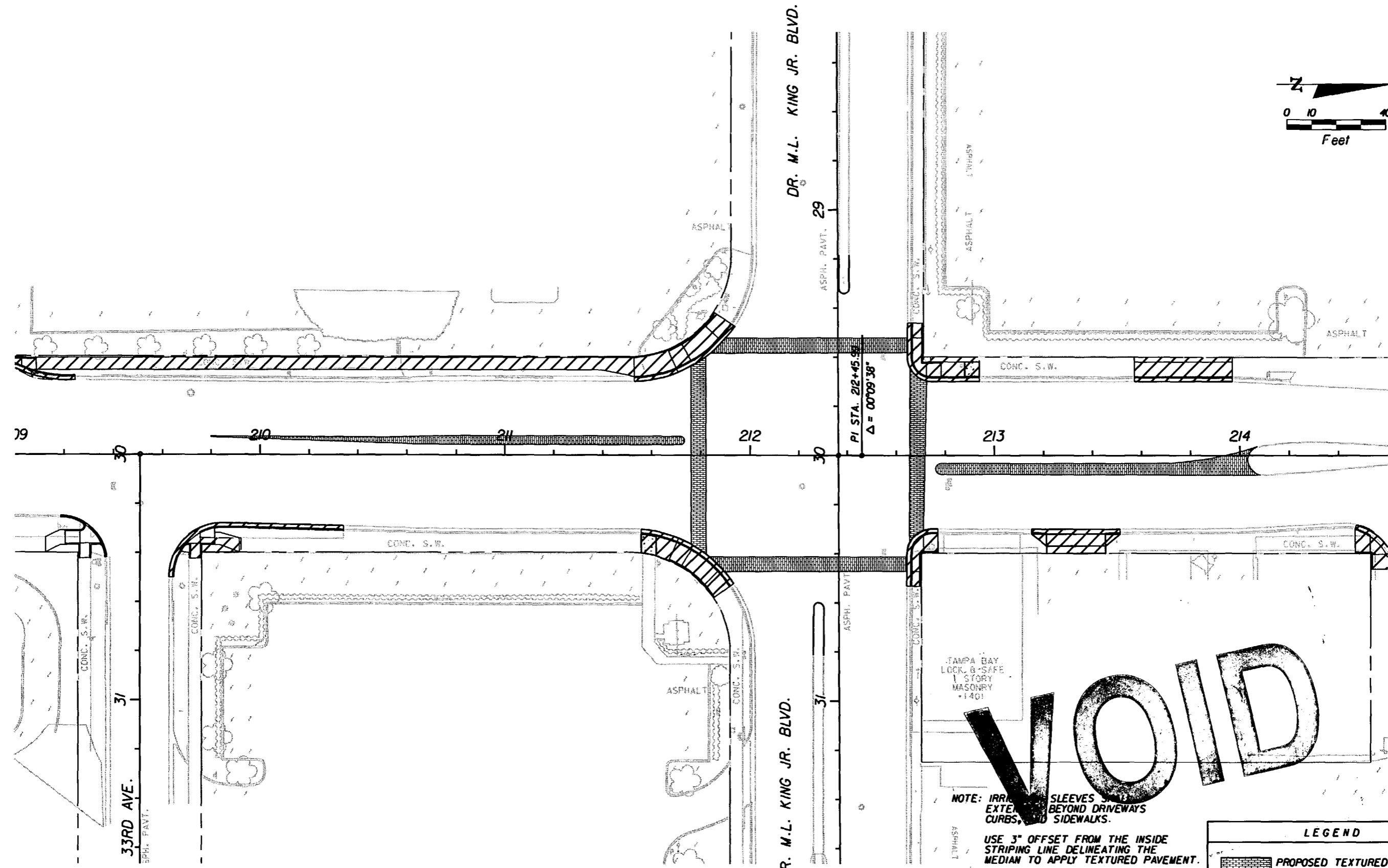
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**203+40.00 TO 209+00.00**

SHEET NO.  
 145

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.



**VOID**

NOTE: IRRIGATION SLEEVES SHALL EXTEND BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

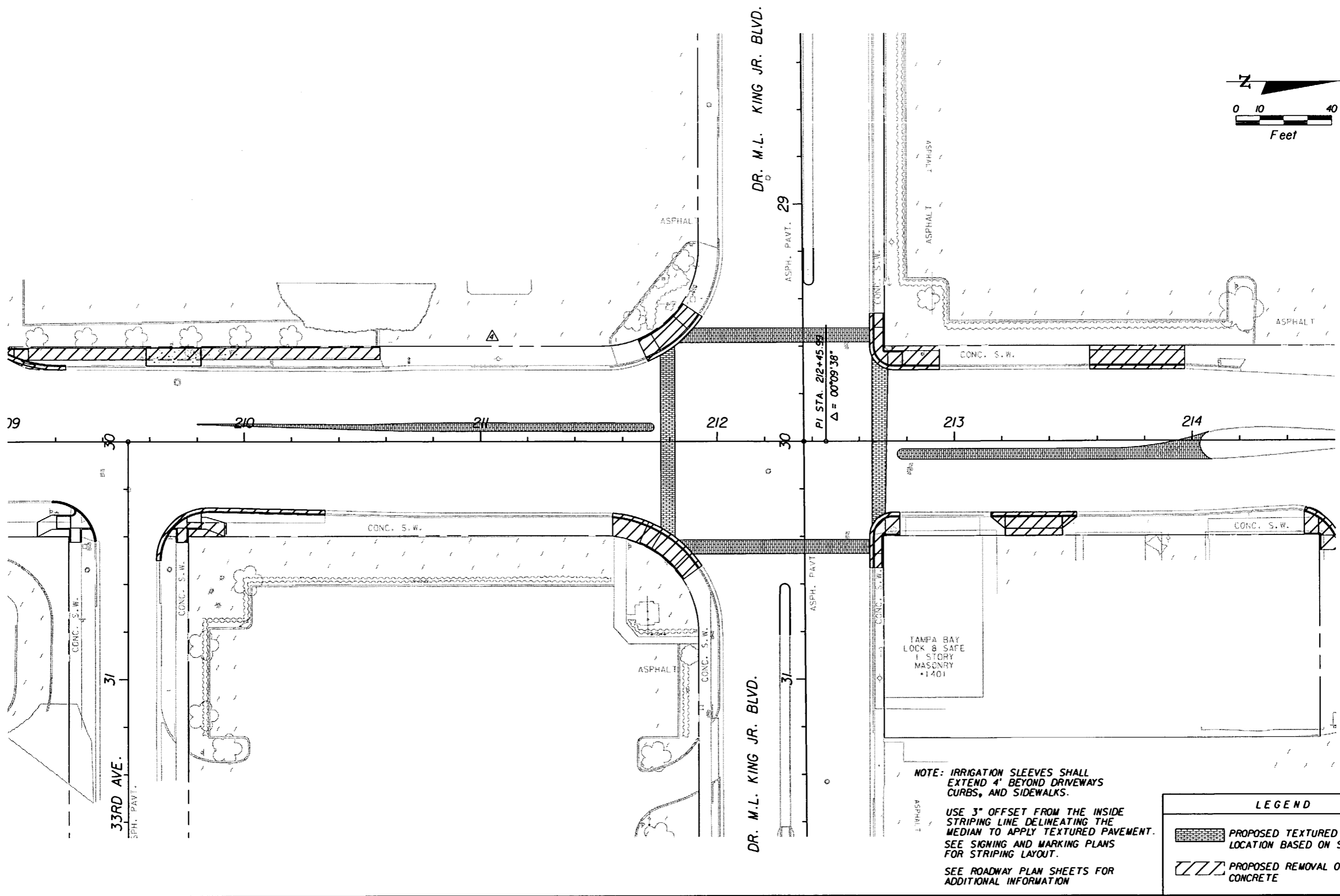
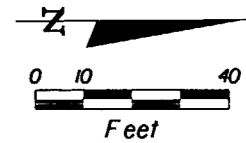
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**209+00.00 TO 214+60.00**

SHEET NO.  
 146

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6615-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
09/26/07	MJM	ADJUSTED CONCRETE REMOVAL SHAPE.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

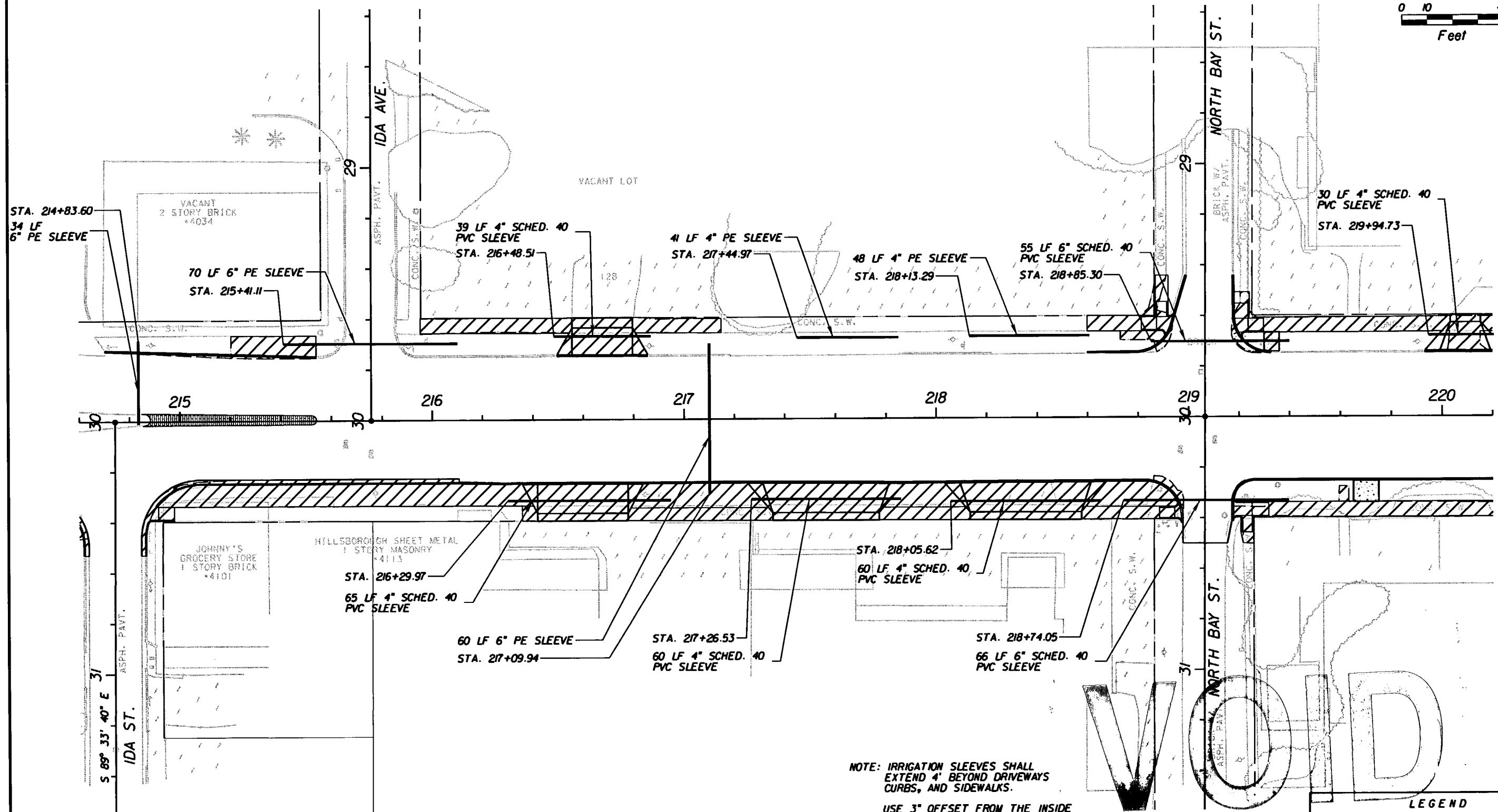
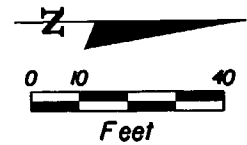
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**209+00.00 TO 214+60.00**

SHEET NO.  
 146

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.





NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

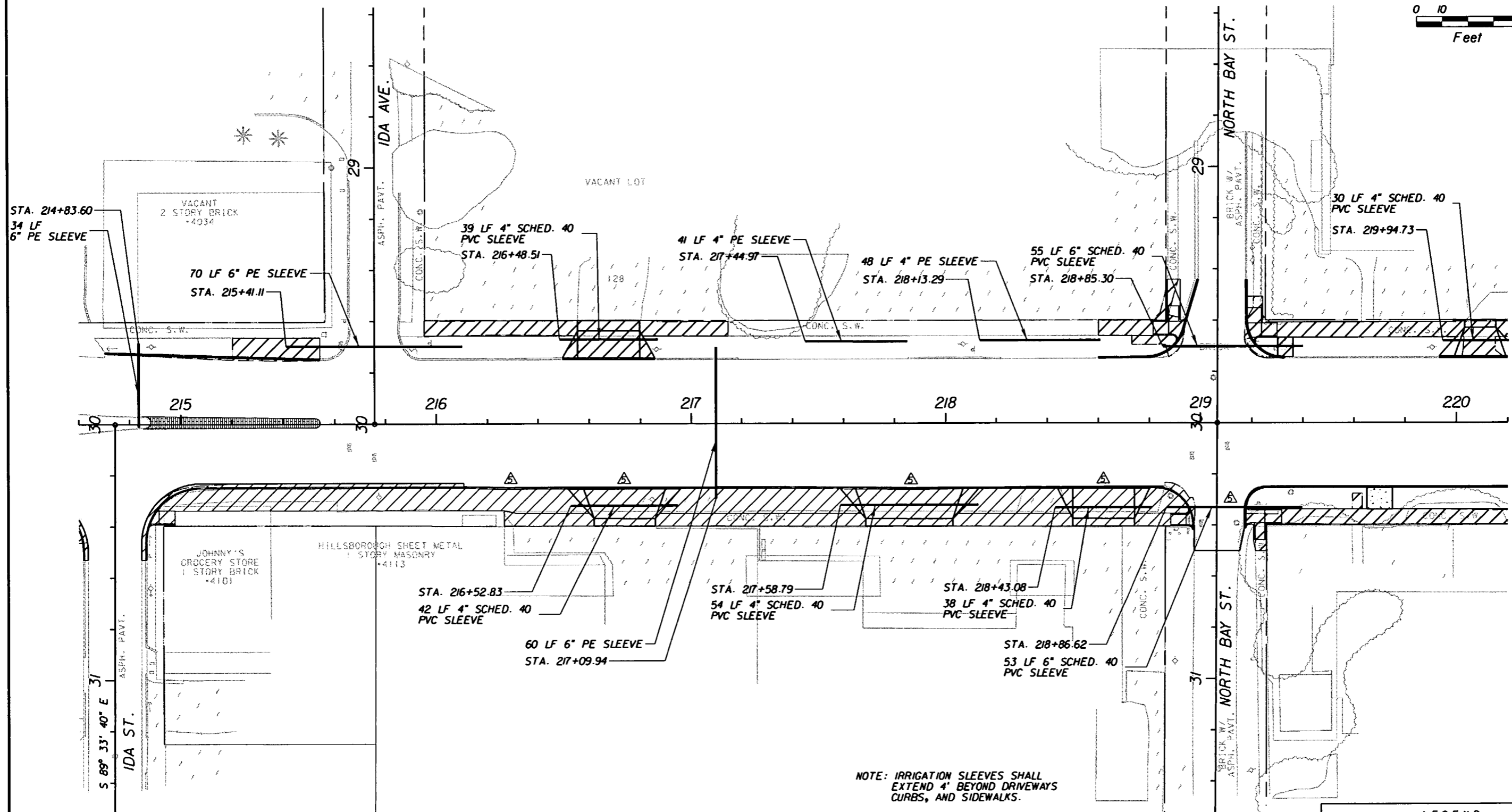
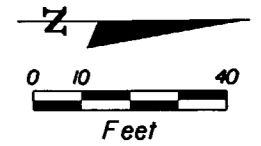
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**214+60.00 TO 220+20.00**

SHEET NO.  
 147

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.  
 USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT.  
 SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.  
 SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
02/27/08	MJM	ADJUSTED CONCRETE REMOVAL SHAPE. ADJUSTED PVC SLEEVES.			

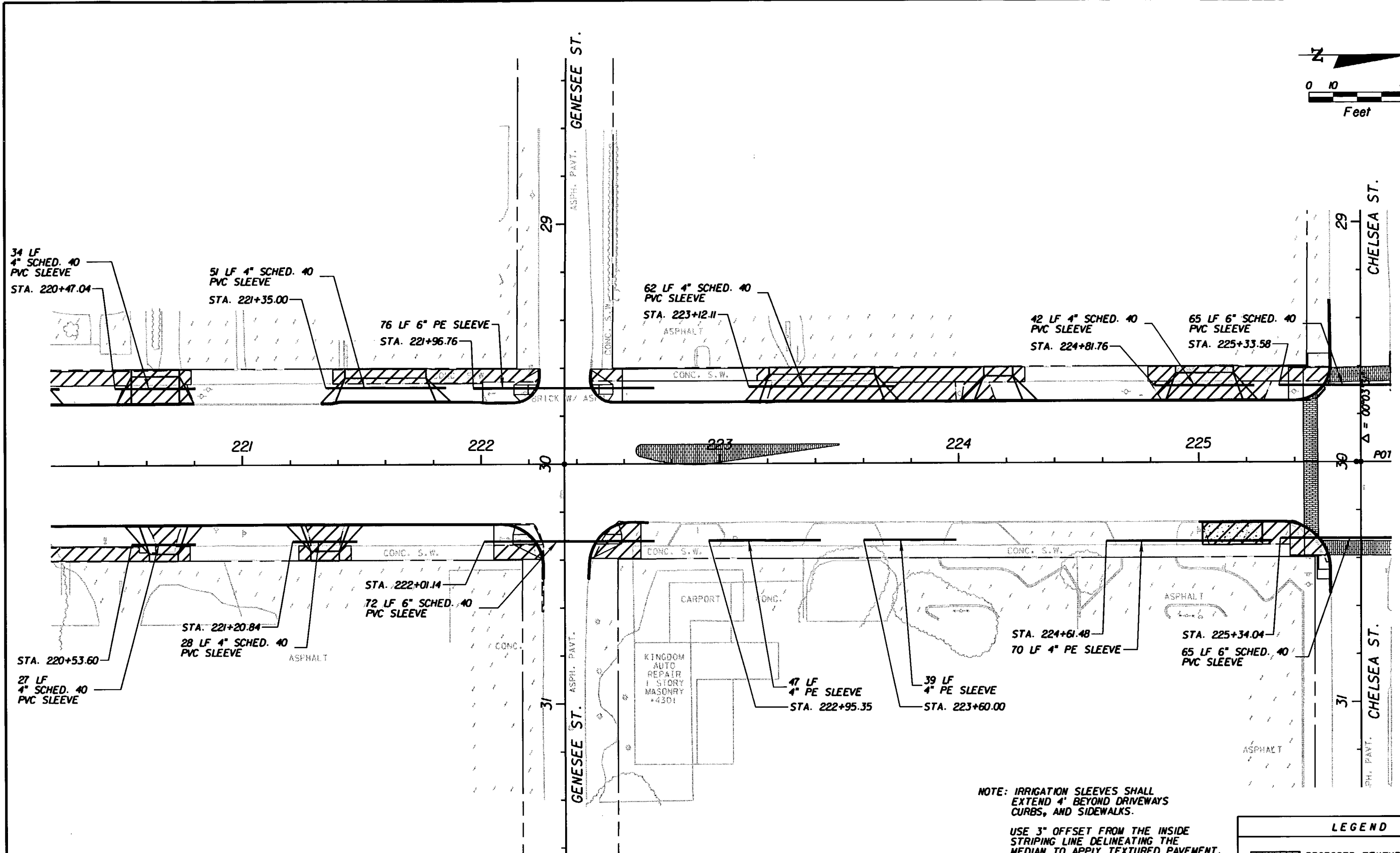
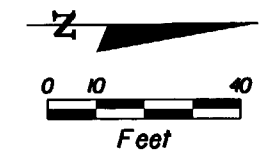
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**214+60.00 TO 220+20.00**

SHEET NO.  
 147

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

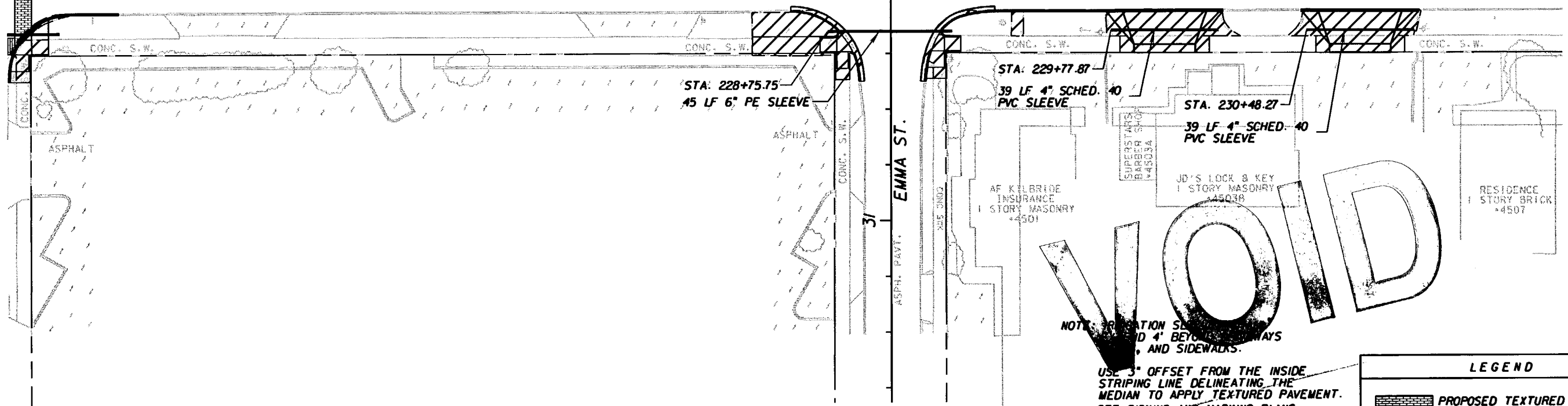
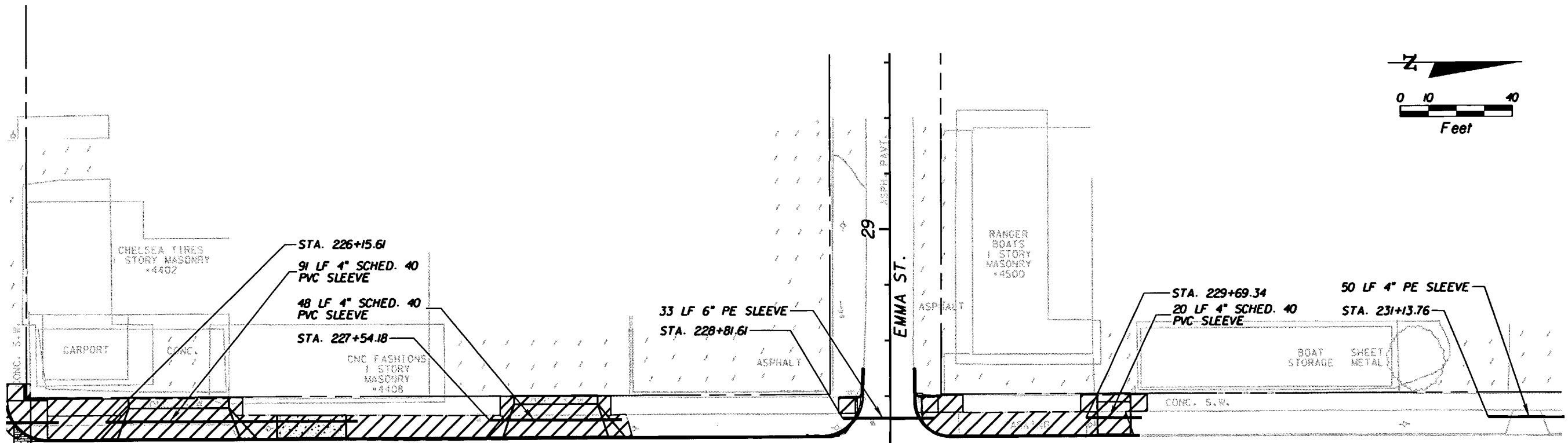
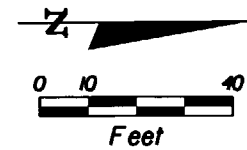
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**220+20.00 TO 225+80.00**

SHEET NO.  
 148

NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



**VOID**

NOTE: PAVEMENT SHALL BE 4' BEYOND THE CURBS AND SIDEWALKS.  
 USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.  
 SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

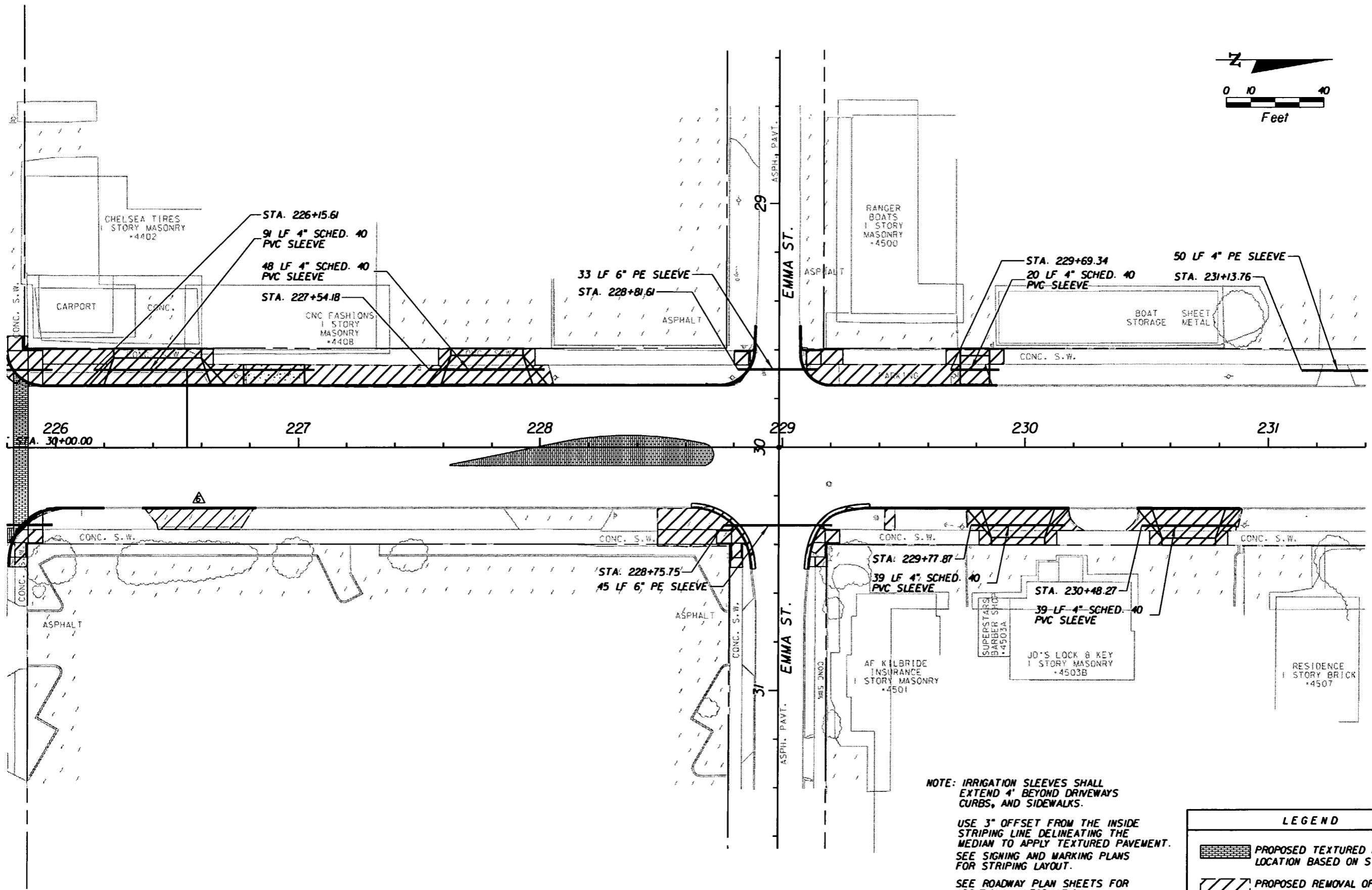
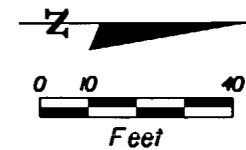
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**225+80.00 TO 231+40.00**

SHEET NO.  
 149

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/10/08	MJM	ADDED CONCRETE REMOVAL AREA.			

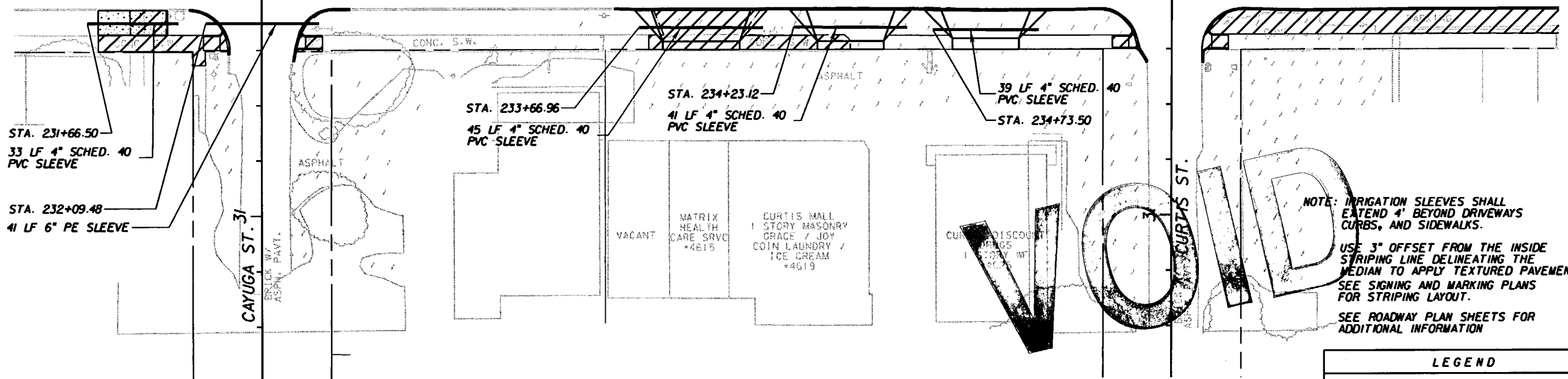
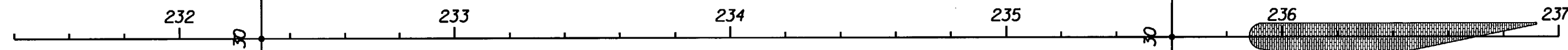
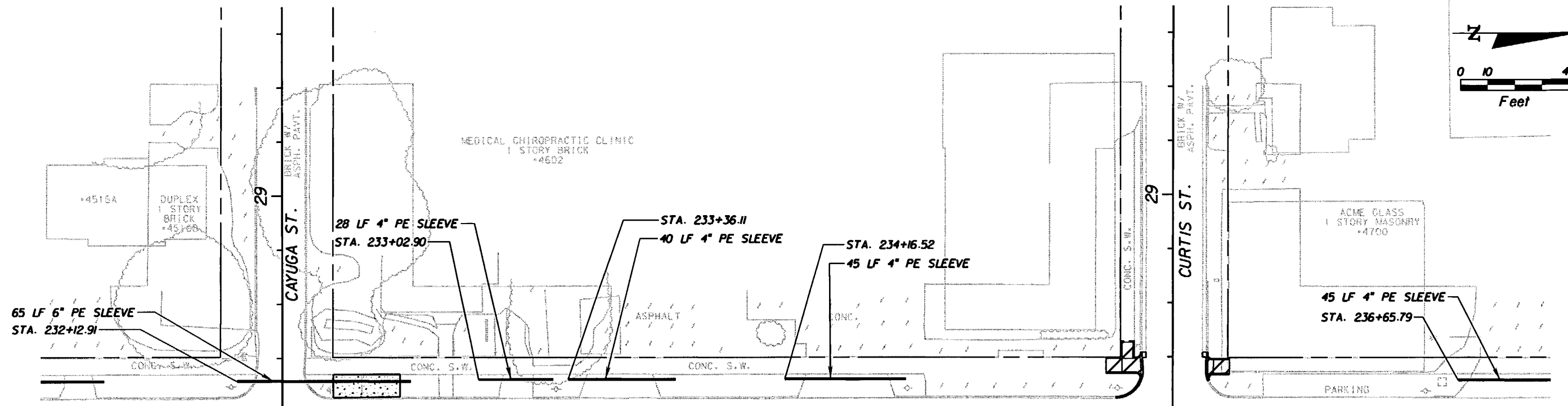
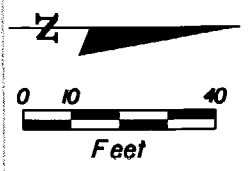
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**225+80.00 TO 231+40.00**

SHEET NO.  
 149

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



**NOTE:** IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.  
 USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT.  
 SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.  
 SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

**VOID**

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

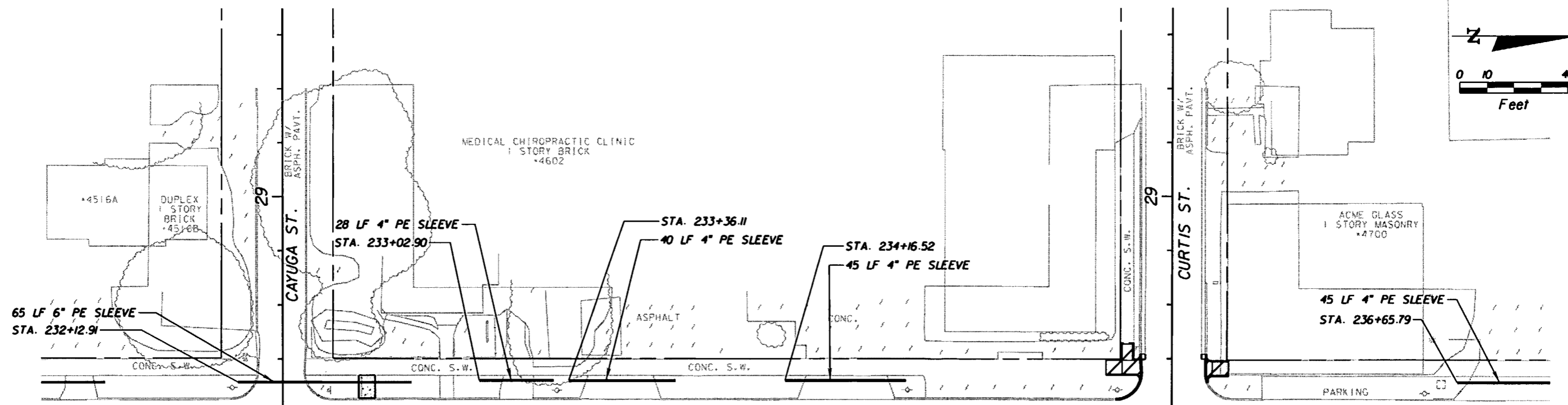
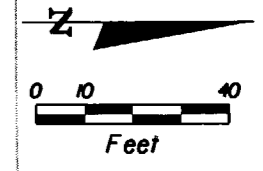
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**231+40.00 TO 237+00.00**

SHEET NO.  
 150

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.





LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/10/08	MJM	CHANGED CONCRETE REMOVAL AREA.			

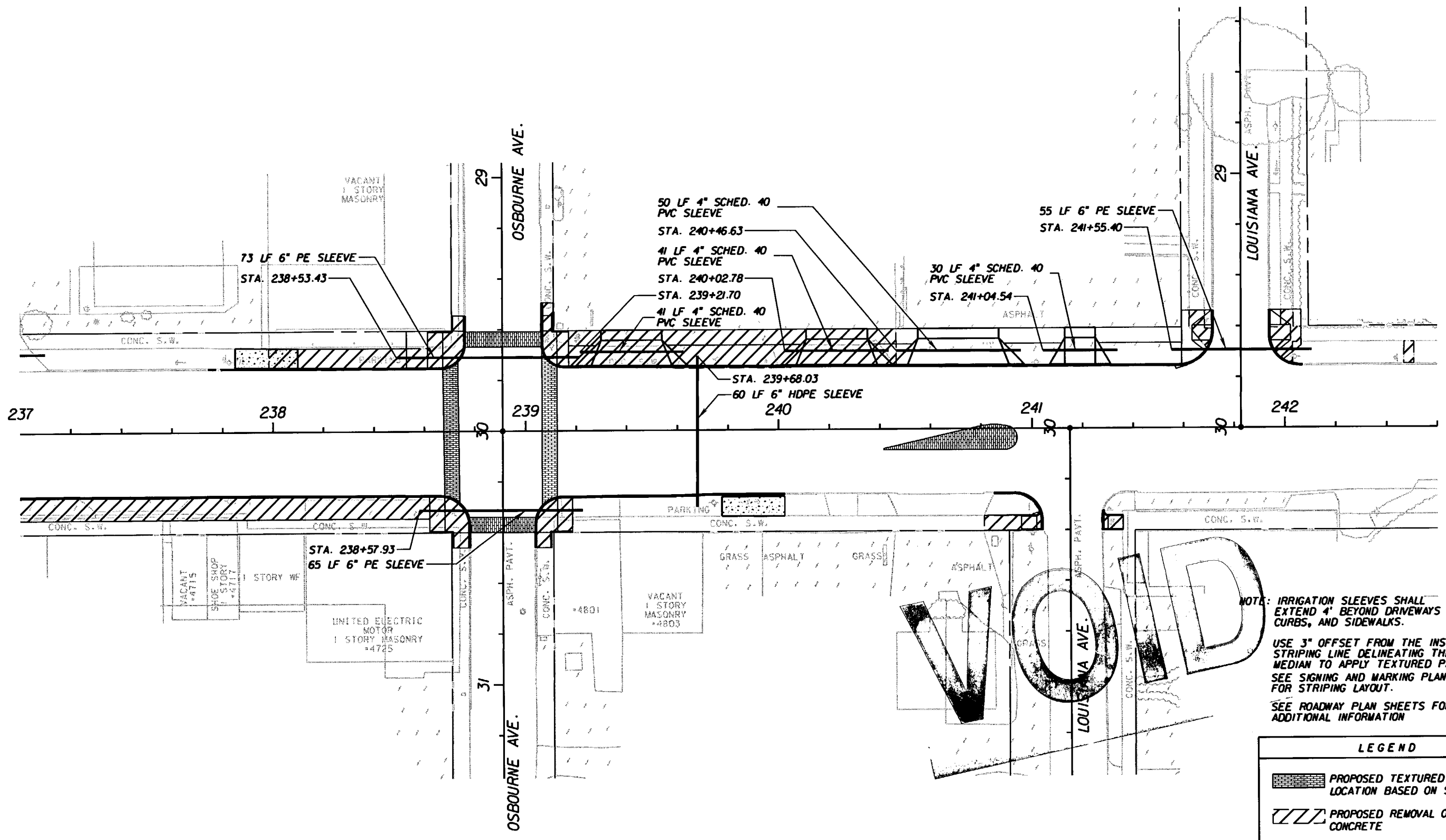
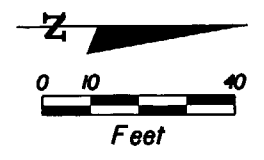
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**231+40.00 TO 237+00.00**

SHEET NO.  
150

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



**NOTE:** IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6805-23.003, F.A.C.

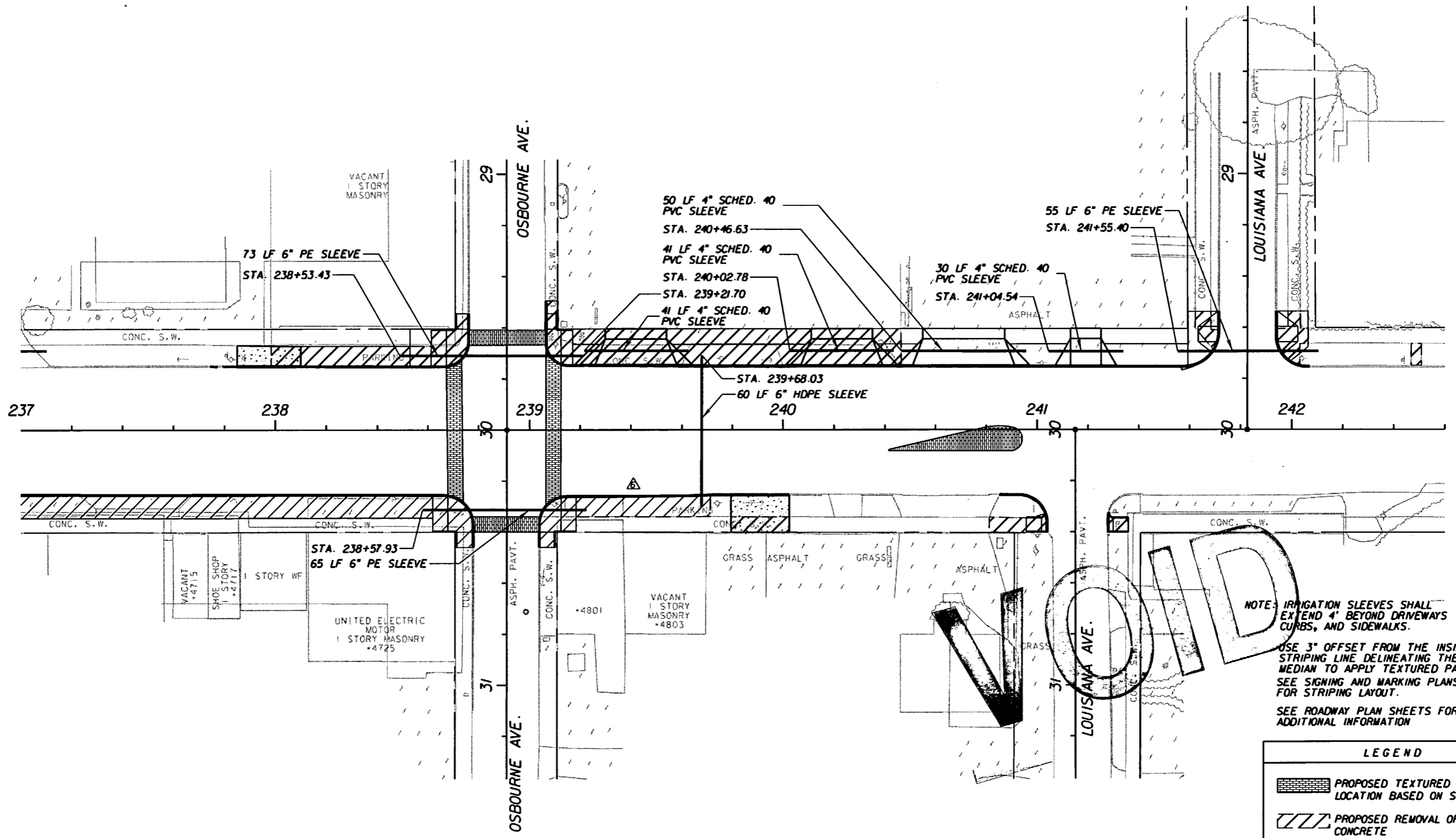
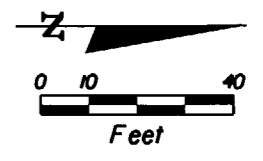
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**237+00.00 TO 242+60.00**

SHEET NO.  
 151



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS, CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/10/08	MJM	UPDATED CONCRETE REMOVAL AREA.			

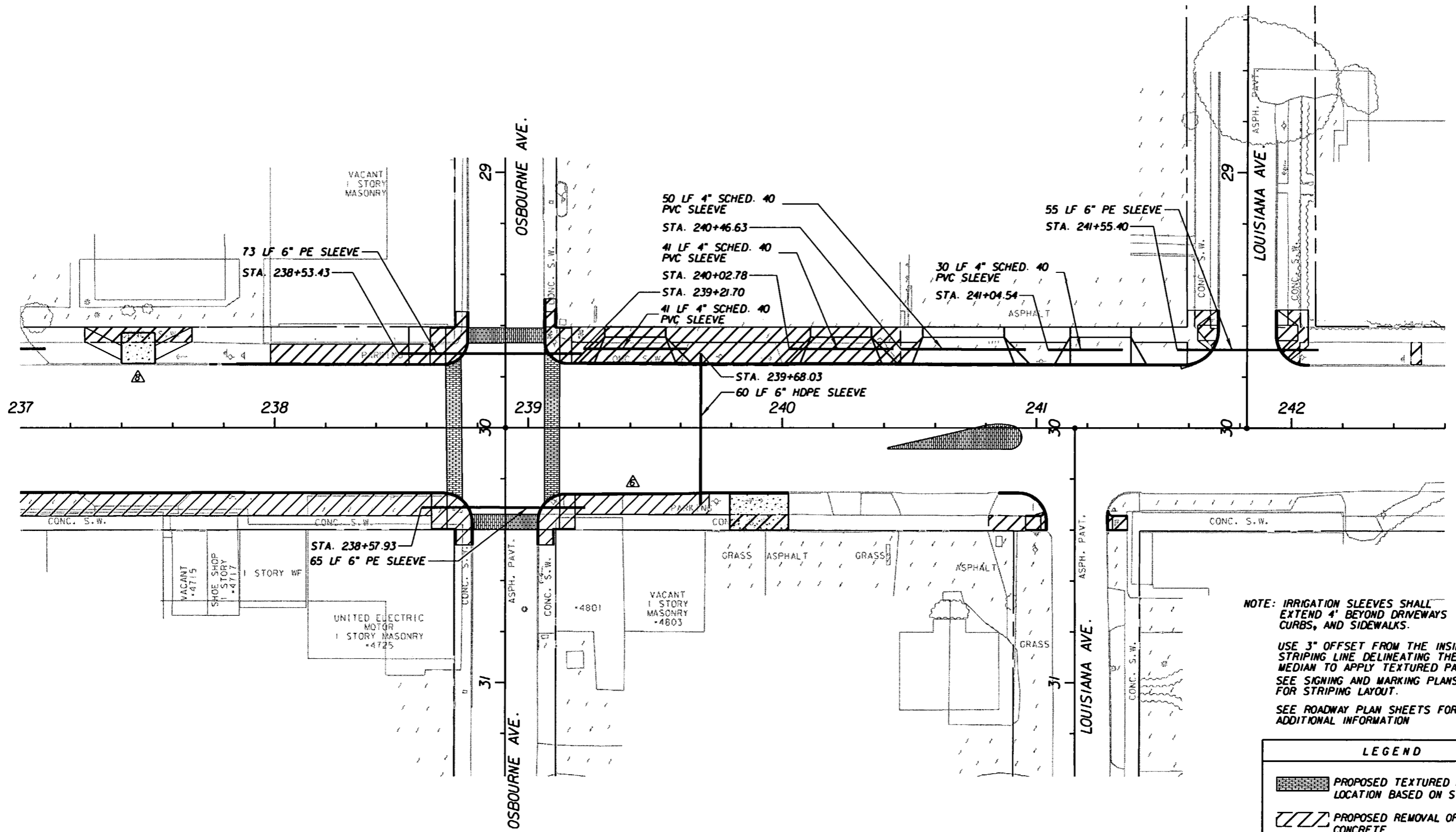
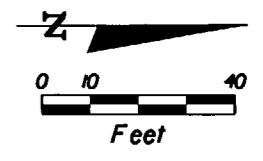
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**237+00.00 TO 242+60.00**

SHEET NO.  
 151

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G05-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

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SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/10/08	MJM	△ UPDATED CONCRETE REMOVAL AREA.			
06/25/08	MJM	△ UPDATED CONCRETE REMOVAL AREA.			

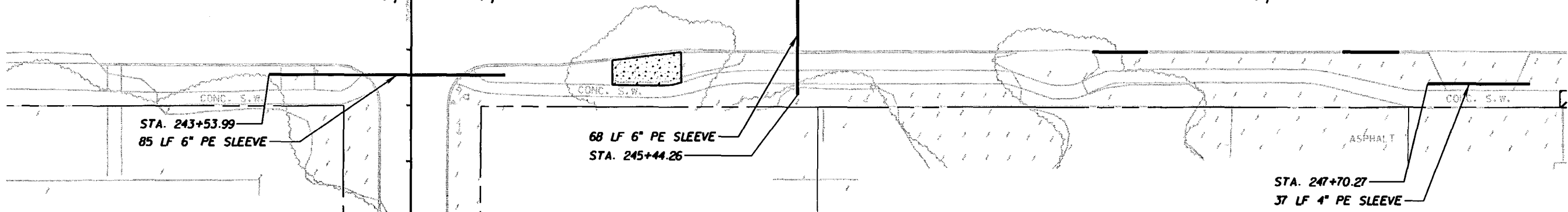
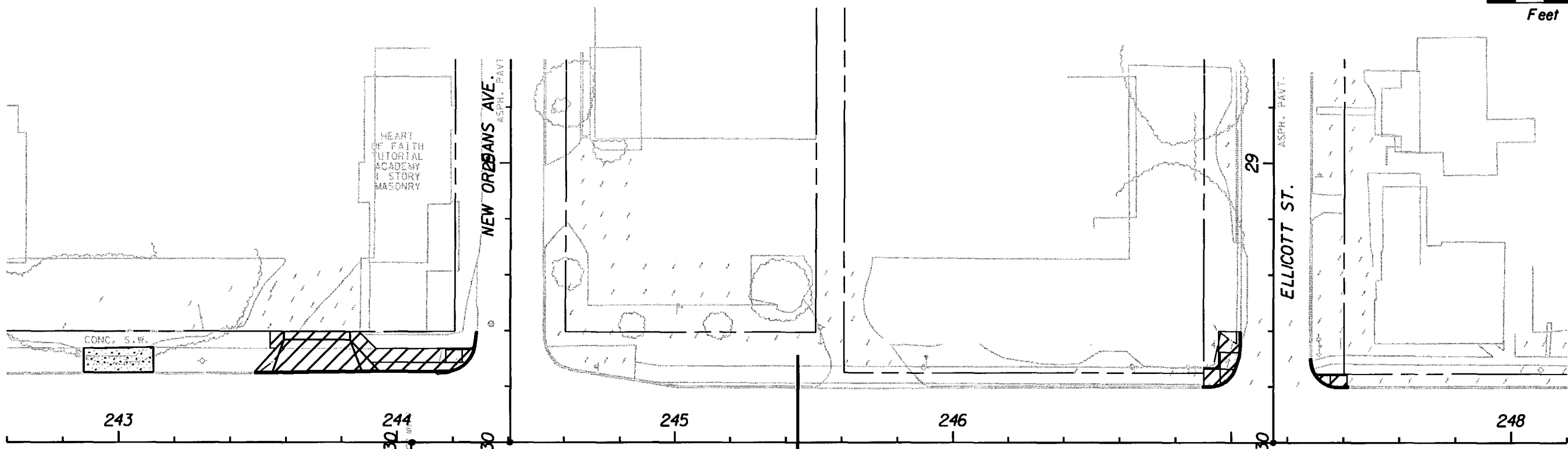
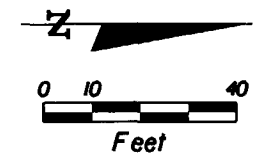
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**237+00.00 TO 242+60.00**

SHEET NO.  
 151

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G05-23.003, F.A.C.



**VOID**

NOTE: IRRIGATION SLEEVES SHALL EXTEND 4" BEYOND DRIVEWAYS, CURBS, AND SIDEWALKS.  
 USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.  
 SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

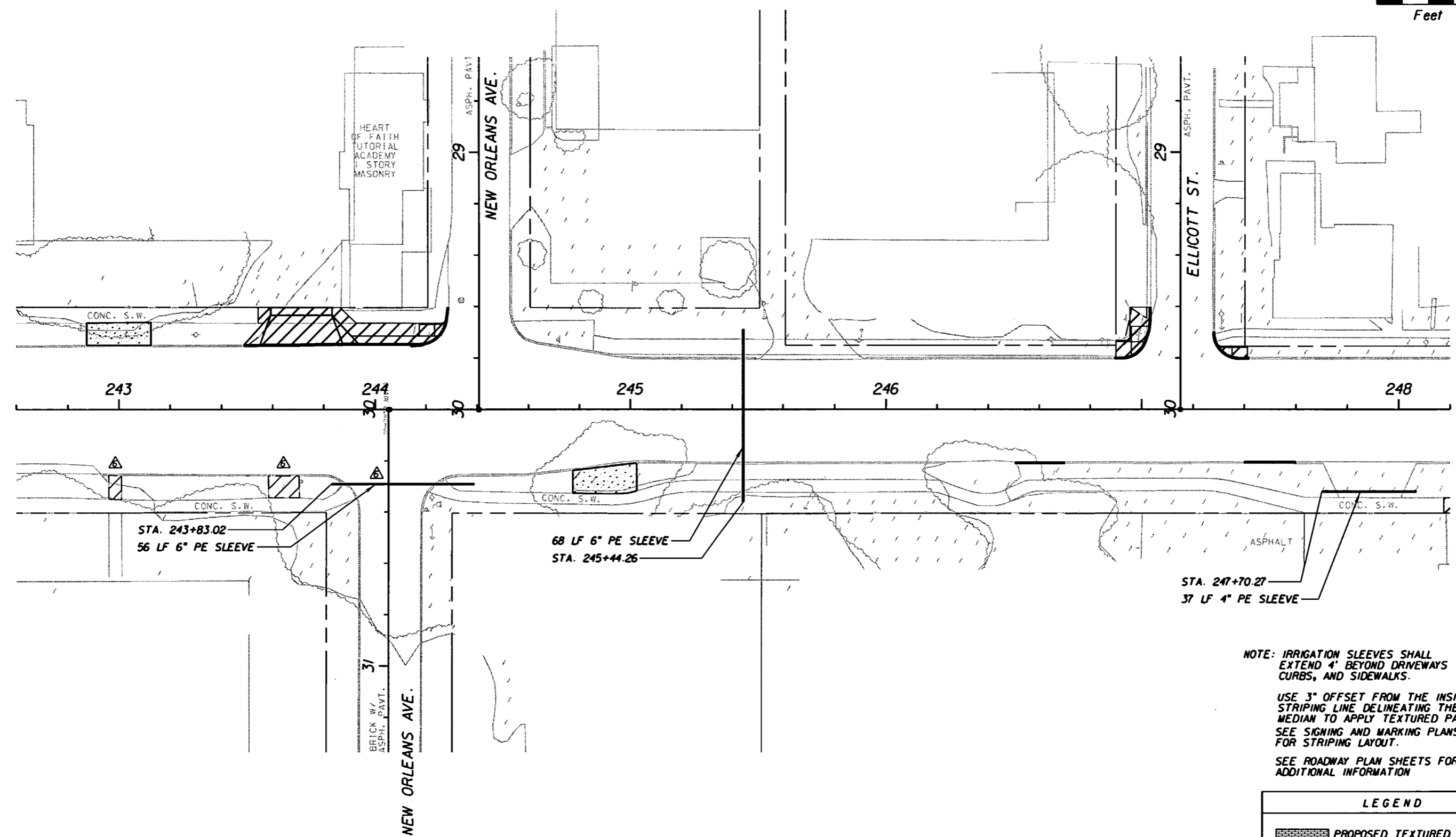
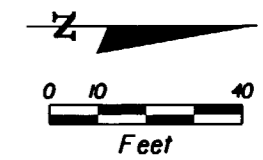
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**242+60.00 TO 248+20.00**

SHEET NO.  
 152

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/10/08	MJM	ADDED CONCRETE REMOVAL AREAS. ADJUSTED PE SLEEVE LENGTH.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

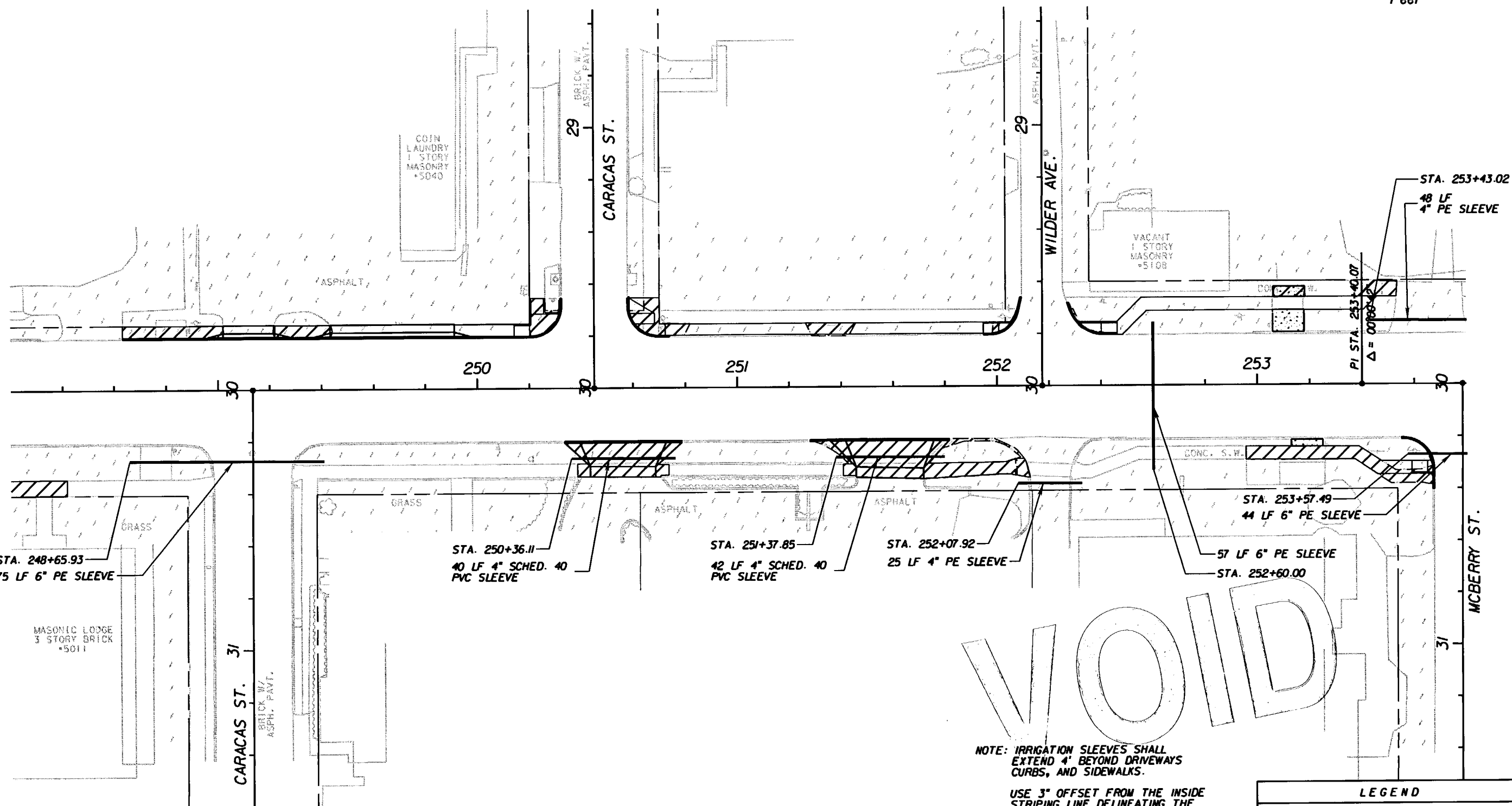
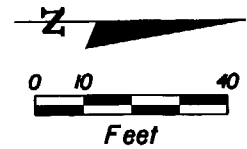
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**242+60.00 TO 248+20.00**

SHEET NO.  
 152

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.





NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

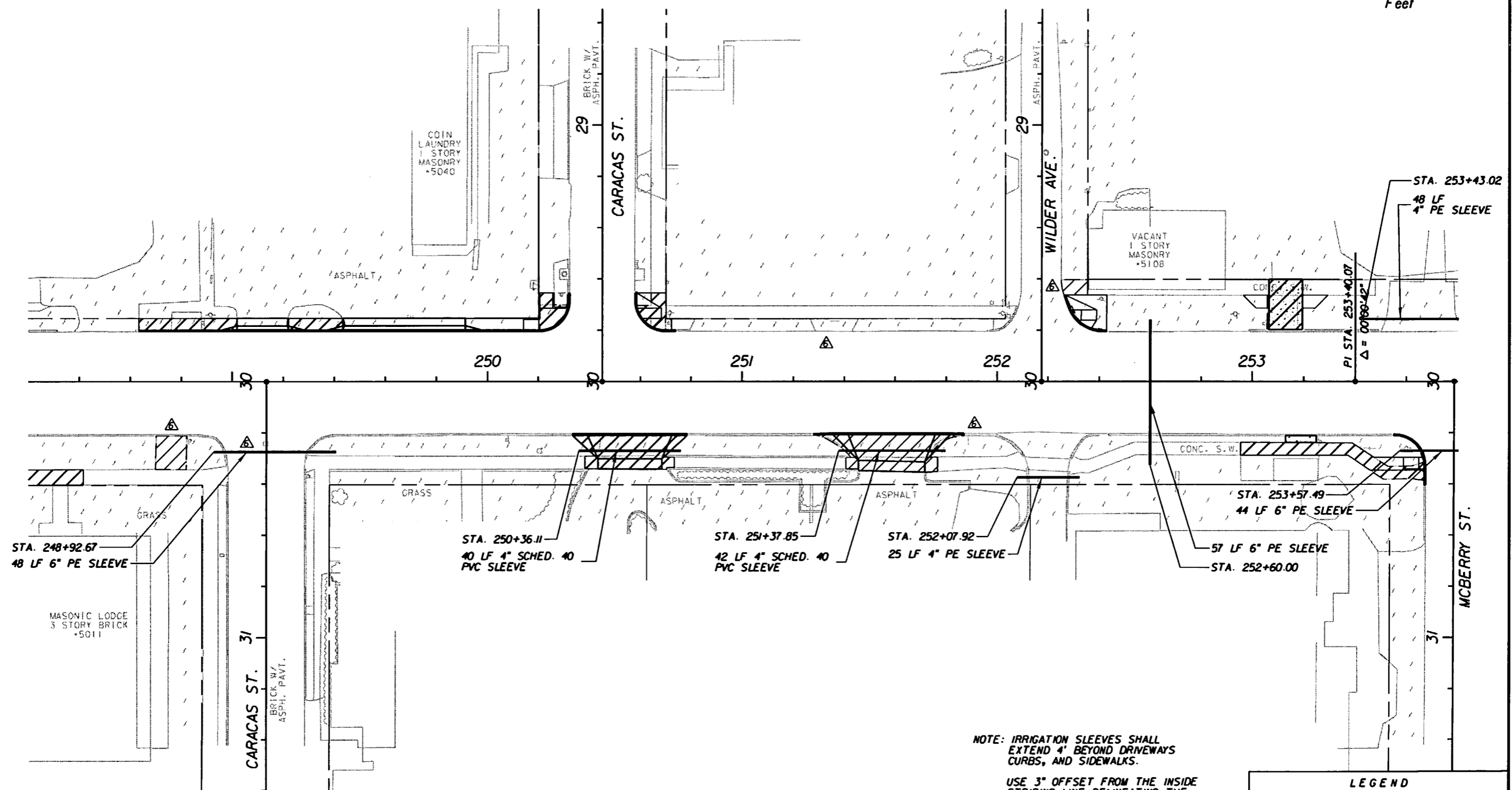
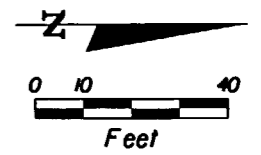
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**248+20.00 TO 253+80.00**

SHEET NO.  
 153

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6805-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
04/10/08	NJM	CHANGED CONCRETE REMOVAL AREAS. ADJUSTED PE SLEEVE LENGTH.			

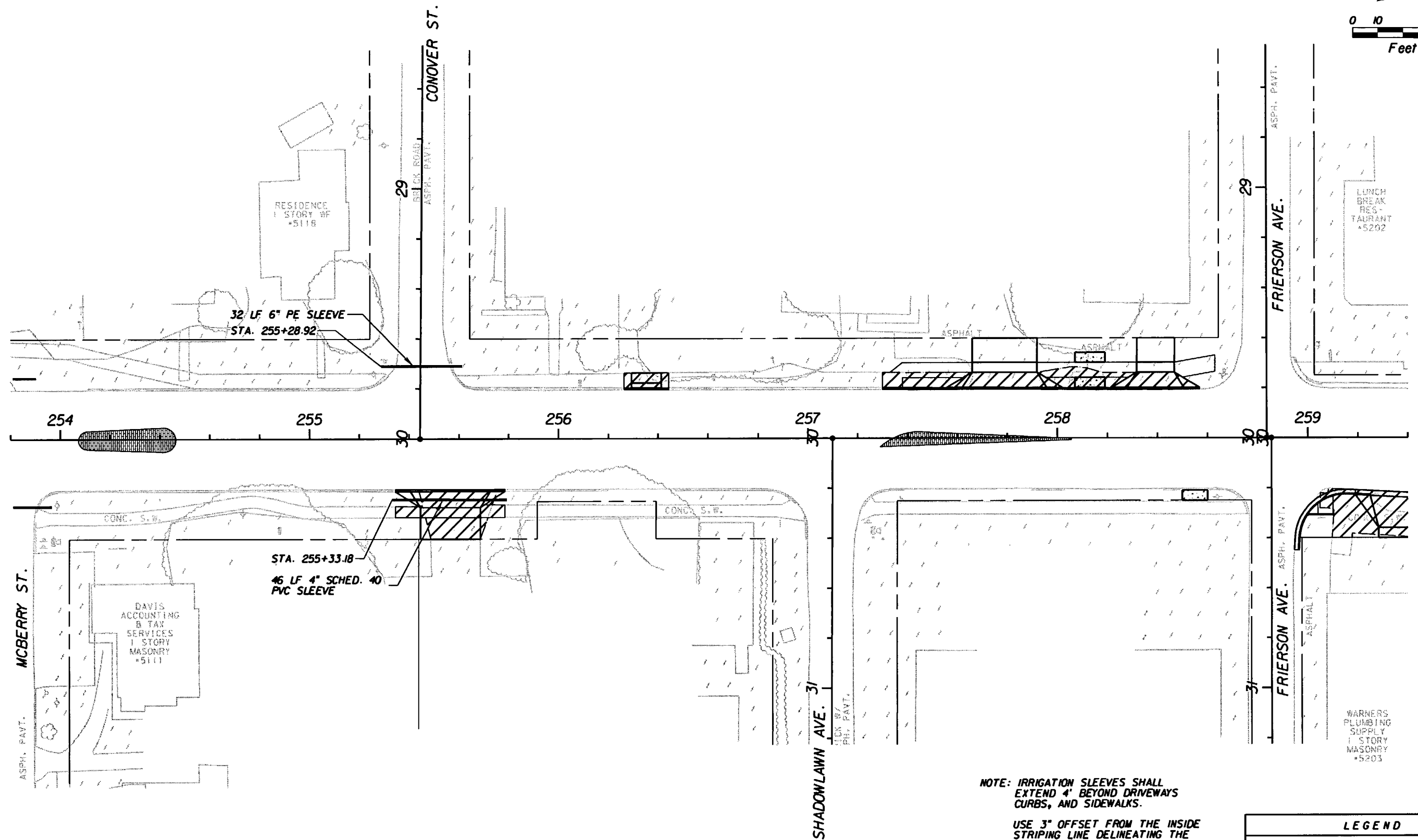
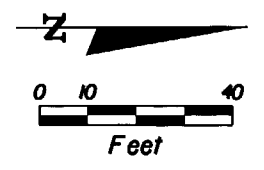
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**248+20.00 TO 253+80.00**

SHEET NO.  
153

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



NOTE: IRRIGATION SLEEVES SHALL EXTEND 4' BEYOND DRIVEWAYS CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE STRIPING LINE DELINEATING THE MEDIAN TO APPLY TEXTURED PAVEMENT. SEE SIGNING AND MARKING PLANS FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR ADDITIONAL INFORMATION

LEGEND	
	PROPOSED TEXTURED PAVEMENT LOCATION BASED ON STRIPING
	PROPOSED REMOVAL OF EXISTING CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

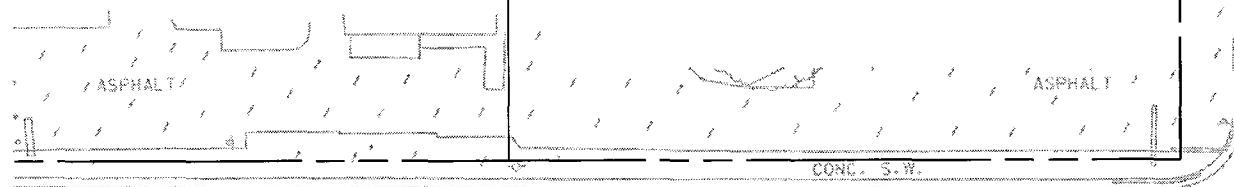
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**253+80.00 TO 259+40.00**

SHEET NO.  
154

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G05-23.003, F.A.C.

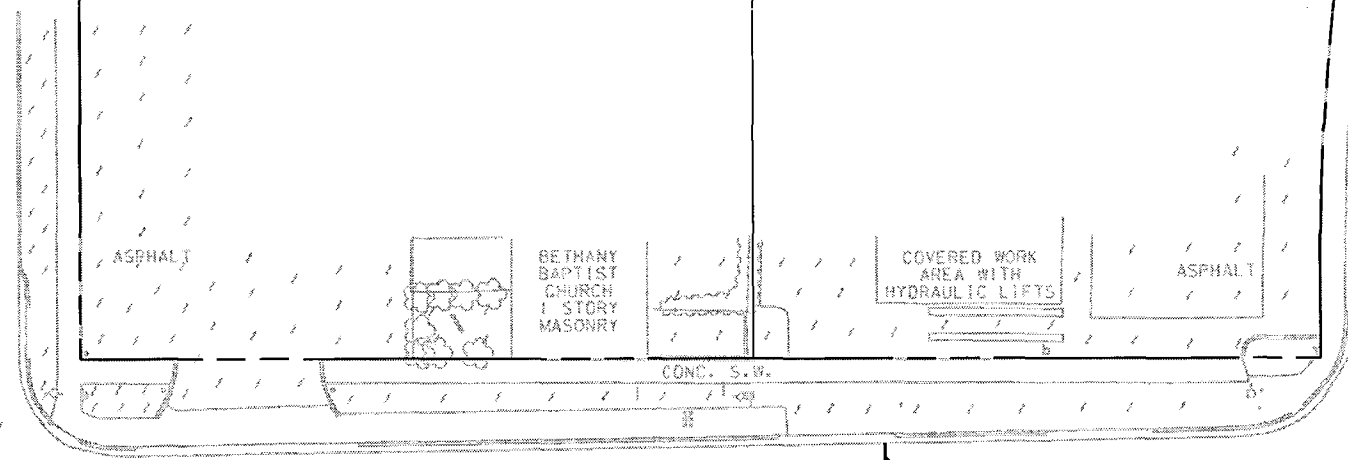
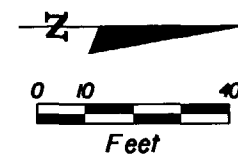
ECONOMY  
INSURANCE  
1 STORY  
MASONRY  
#5204



260

261

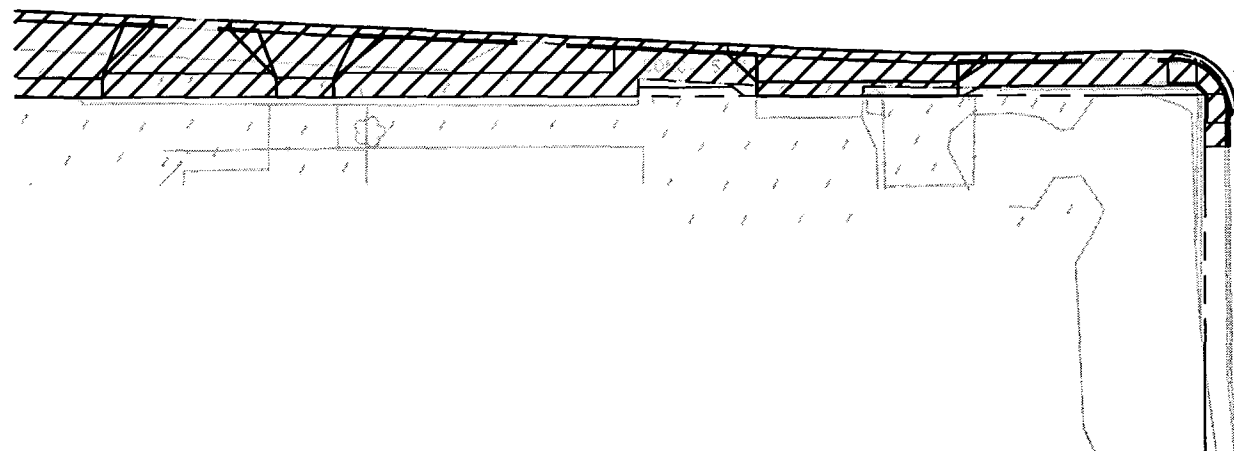
29 ASPH. PAVT.  
GIDDENS AVE.



263

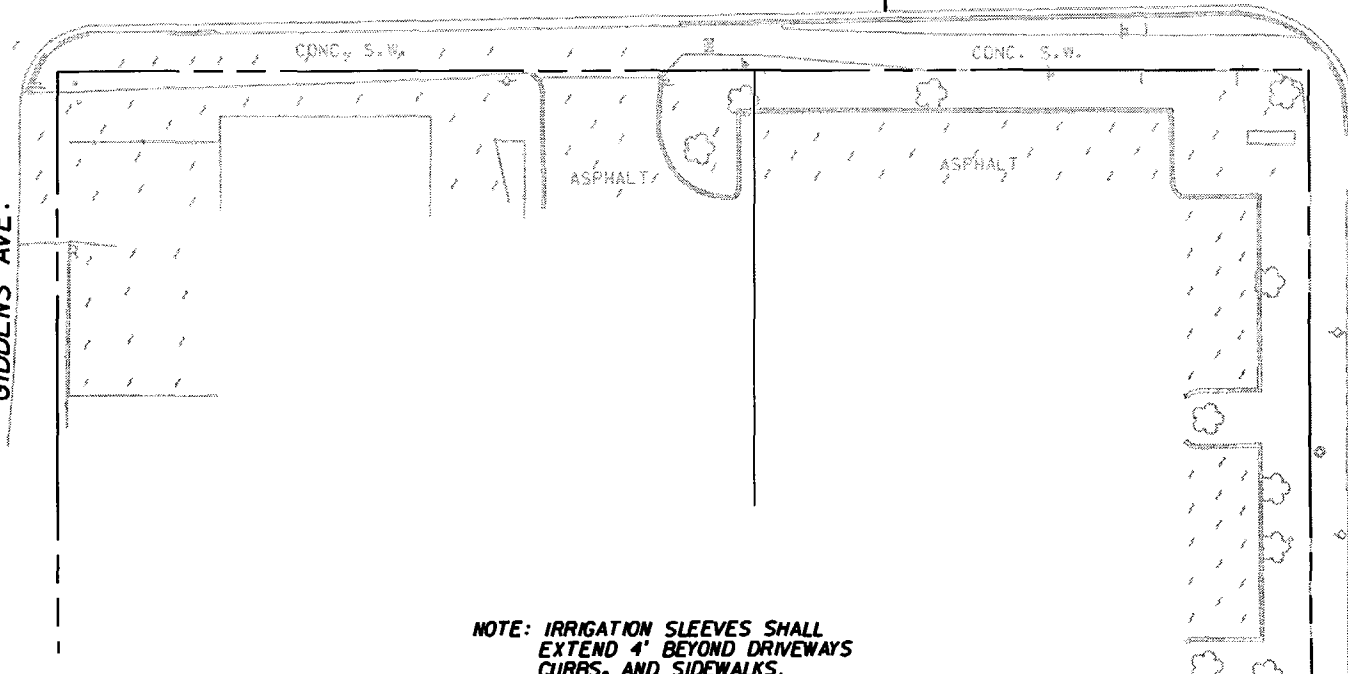
264

HILLSBOROUGH AVE.



31 ASPH. PAVT.  
BRICK ROAD

GIDDENS AVE.





HILLSBOROUGH AVE.

NOTE: IRRIGATION SLEEVES SHALL  
EXTEND 4' BEYOND DRIVEWAYS  
CURBS, AND SIDEWALKS.

USE 3" OFFSET FROM THE INSIDE  
STRIPING LINE DELINEATING THE  
MEDIAN TO APPLY TEXTURED PAVEMENT.  
SEE SIGNING AND MARKING PLANS  
FOR STRIPING LAYOUT.

SEE ROADWAY PLAN SHEETS FOR  
ADDITIONAL INFORMATION

LEGEND

-  PROPOSED TEXTURED PAVEMENT  
LOCATION BASED ON STRIPING
-  PROPOSED REMOVAL OF EXISTING  
CONCRETE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

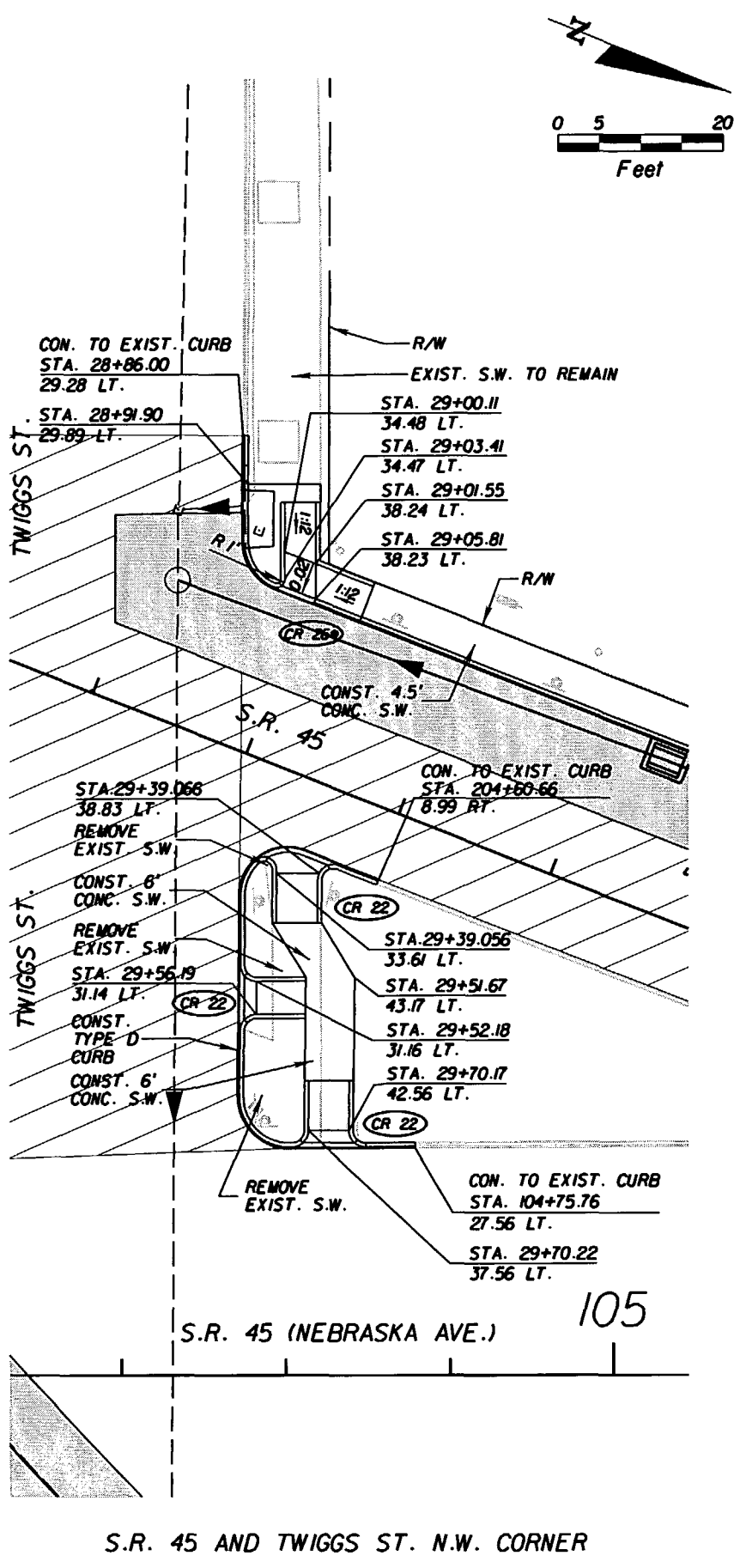
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

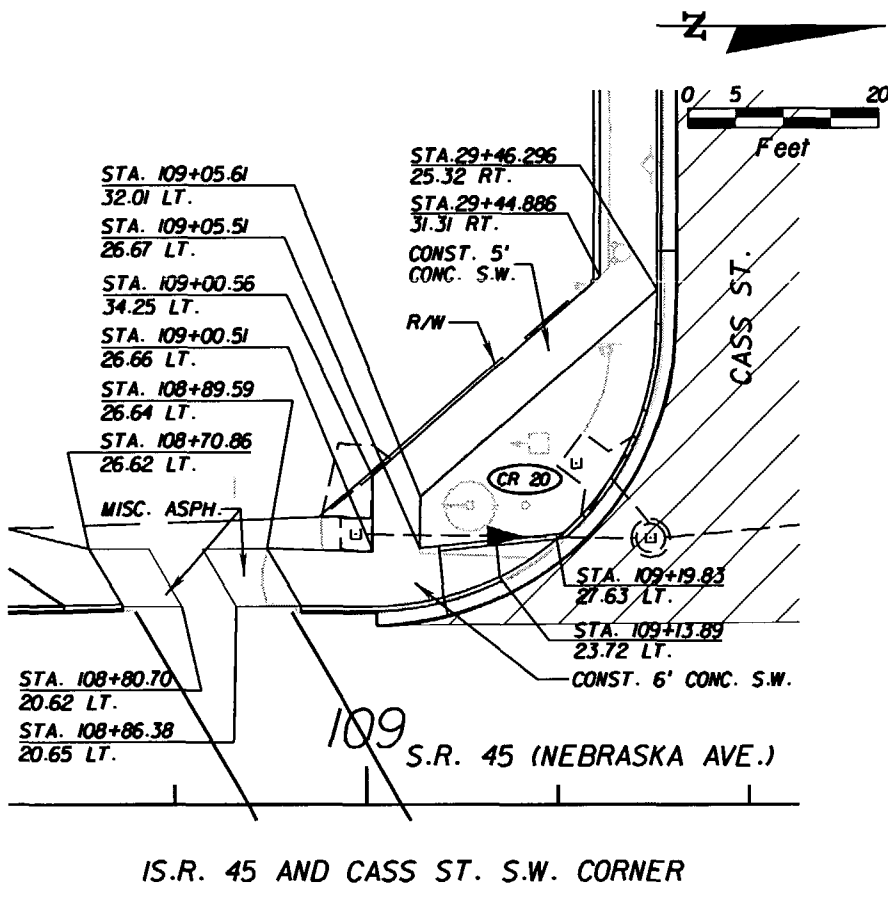
**SPECIAL DETAILS**  
**259+40.00 TO 265+00.00**

SHEET  
NO.  
155

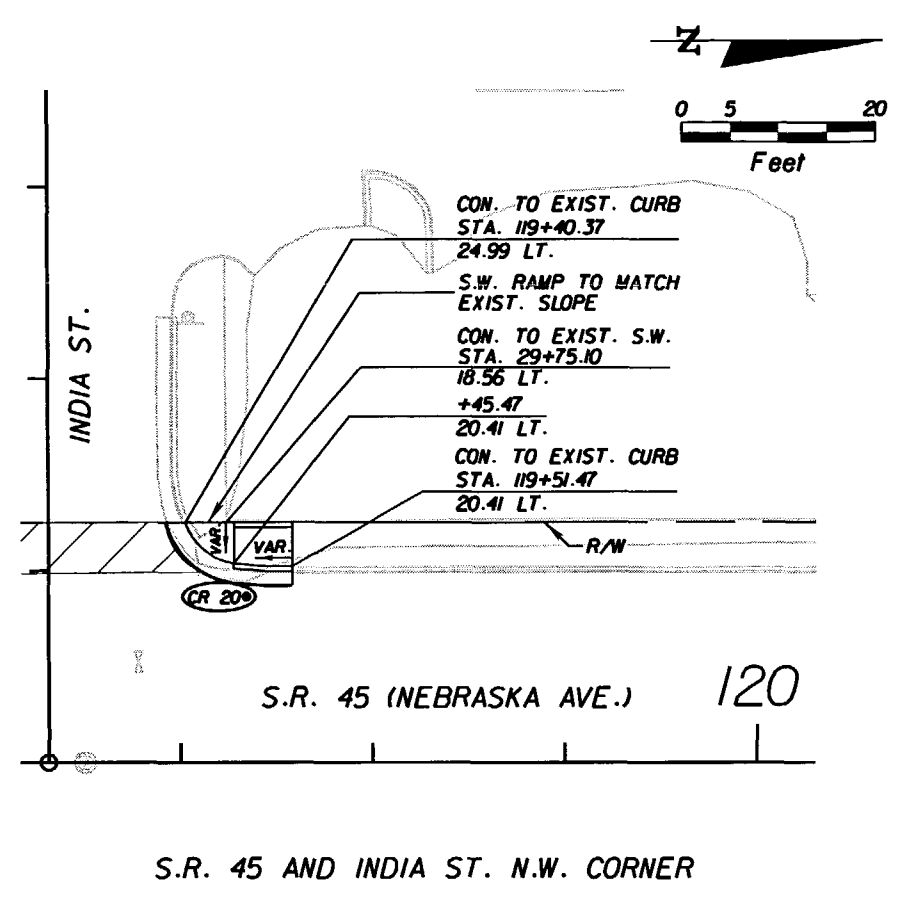
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68J5-23.003, F.A.C.



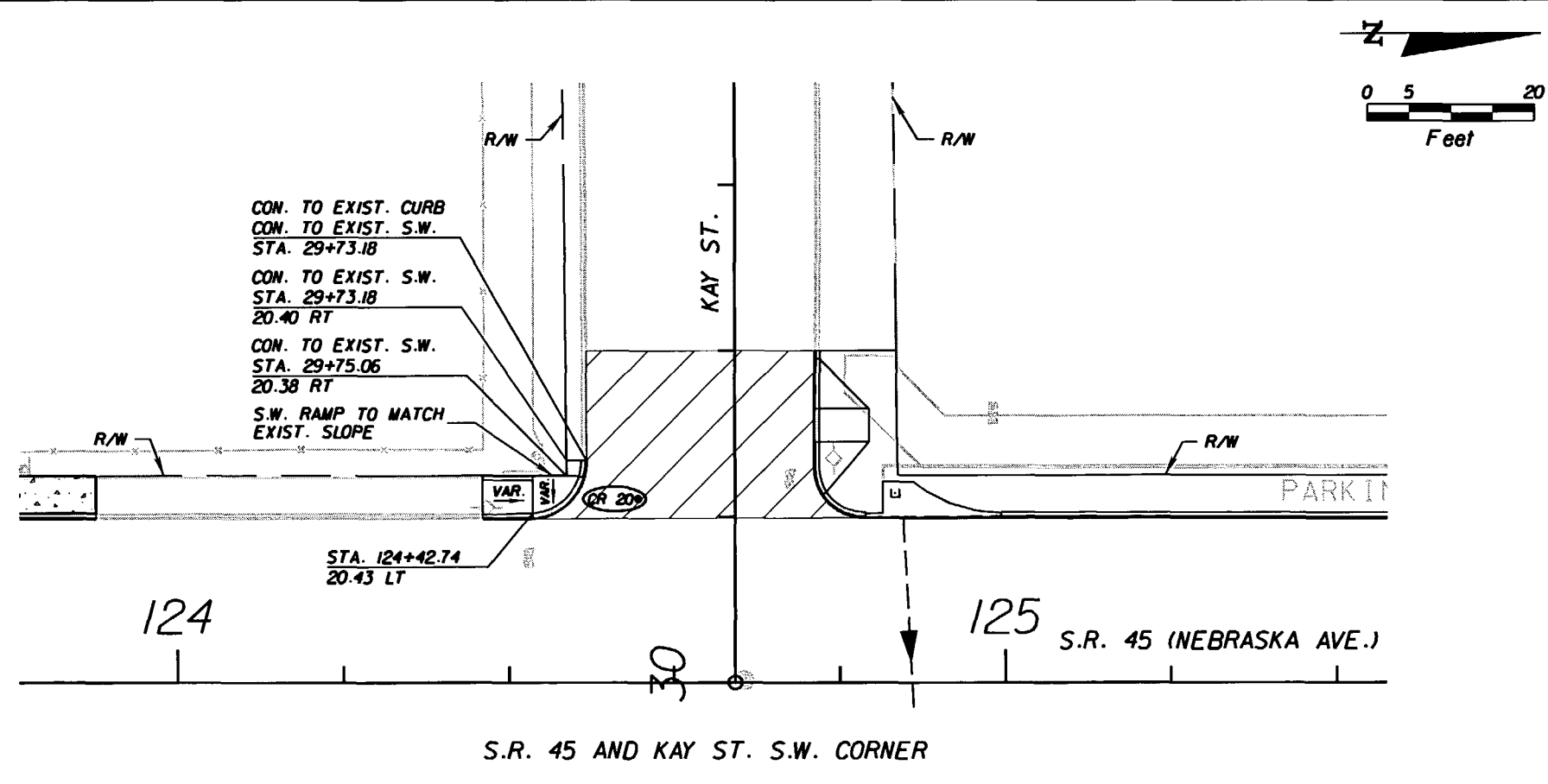
S.R. 45 AND TWIGGS ST. N.W. CORNER



IS.R. 45 AND CASS ST. S.W. CORNER



S.R. 45 AND INDIA ST. N.W. CORNER



S.R. 45 AND KAY ST. S.W. CORNER

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

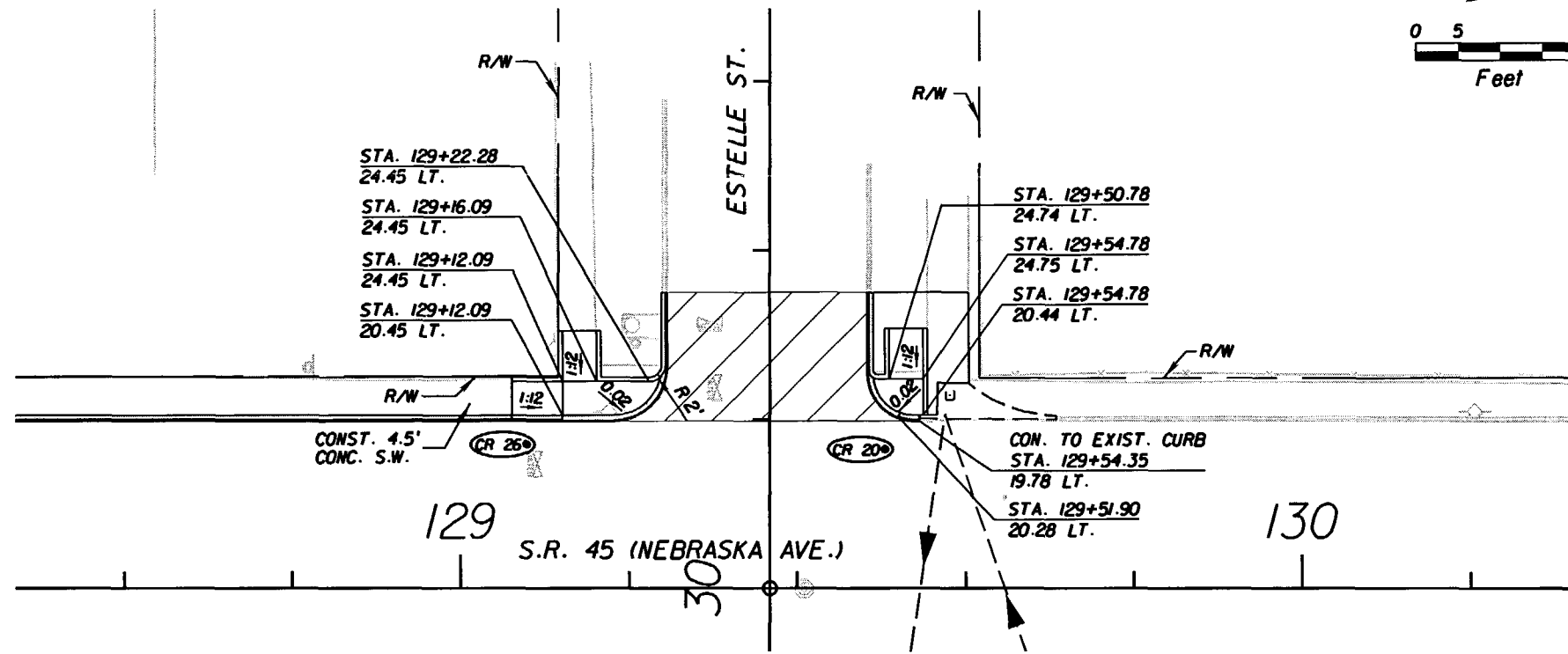
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

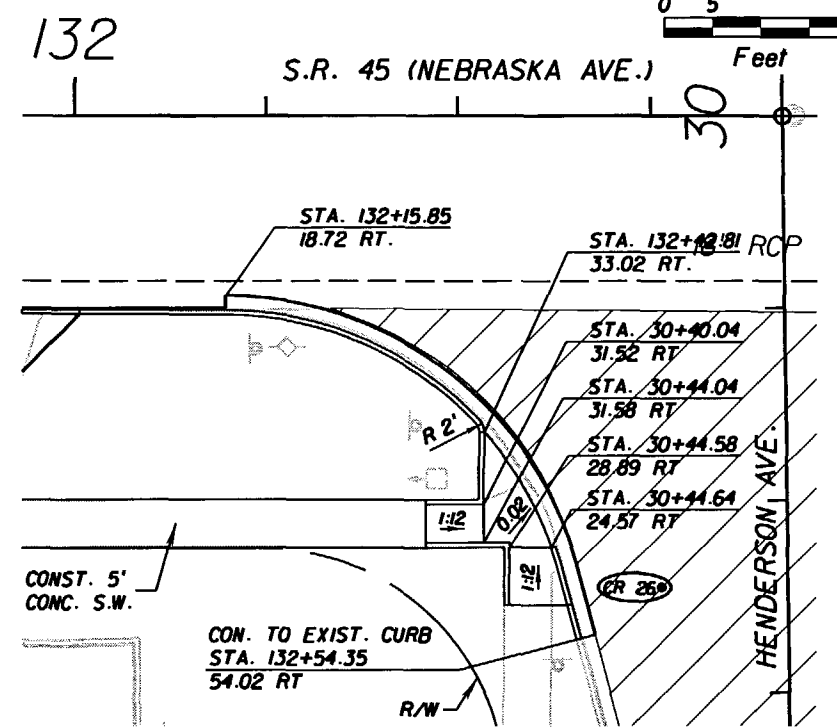
**SPECIAL DETAILS**  
**CURB RAMPS**

SHEET NO.  
 156

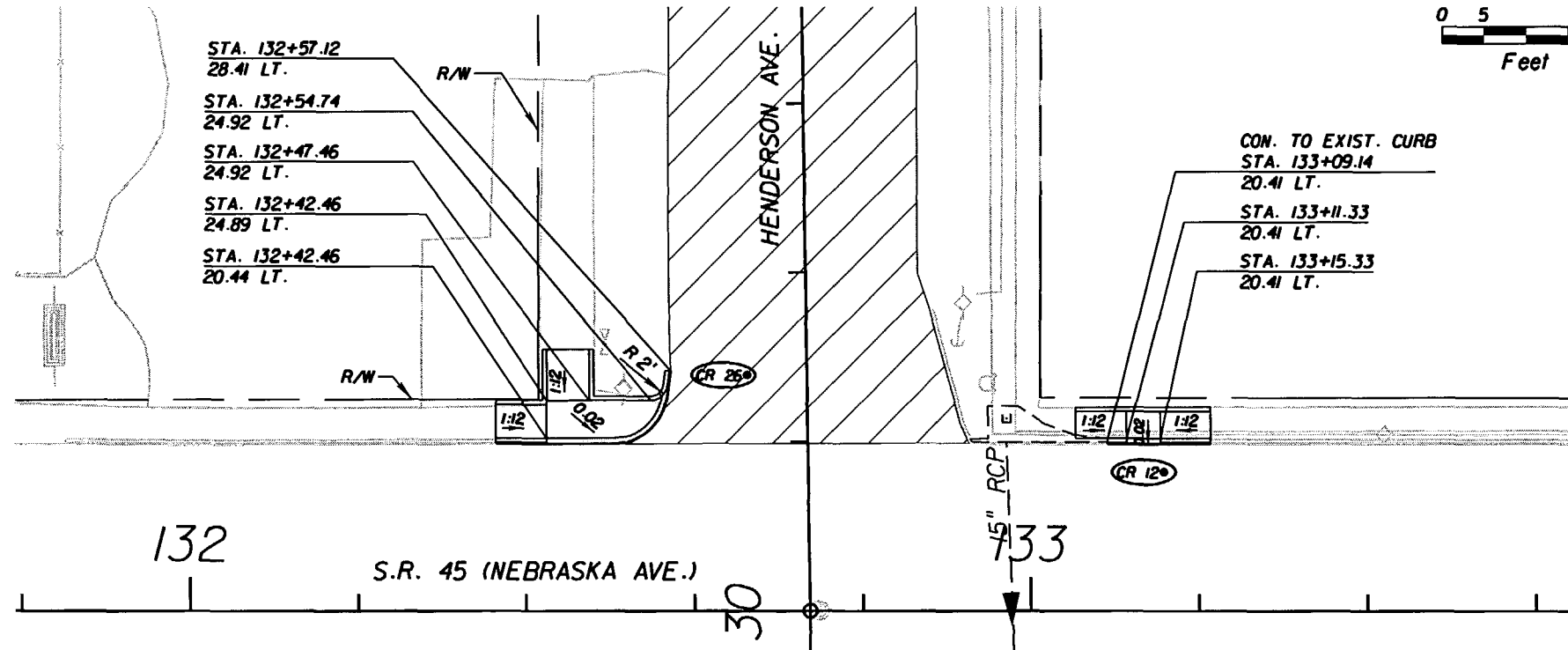
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



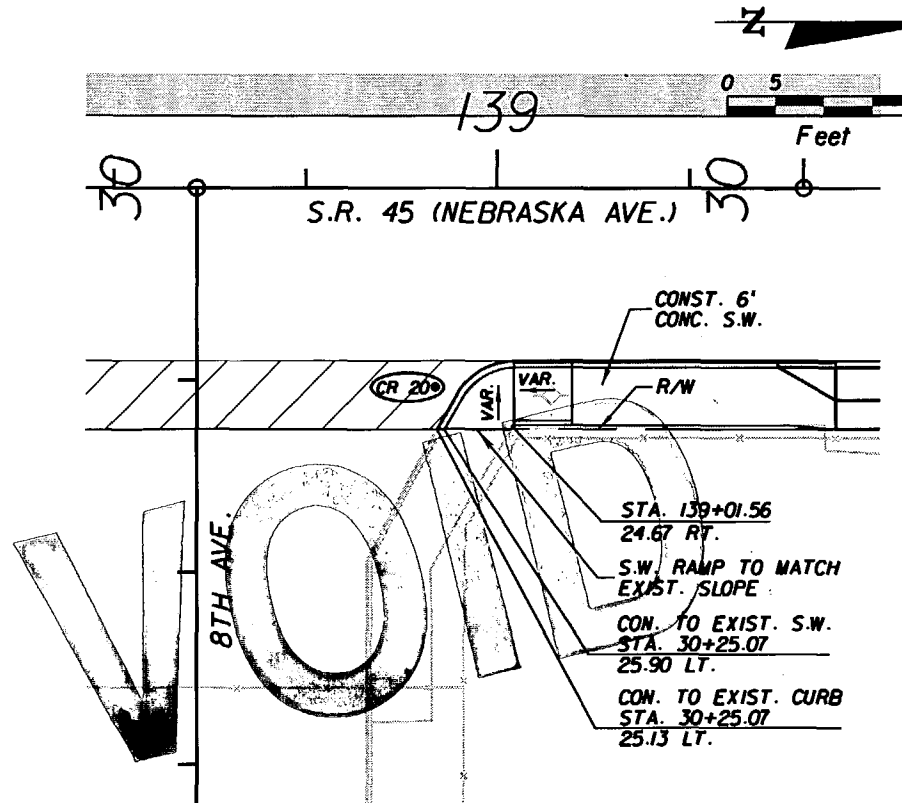
S.R. 45 AND ESTELLE ST. S.W. & N.W. CORNERS



S.R. 45 AND HENDERSON AVE. S.E. CORNER



S.R. 45 AND HENDERSON AVE. S.W. CORNER



S.R. 45 AND 8TH AVE. N.E. CORNER

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

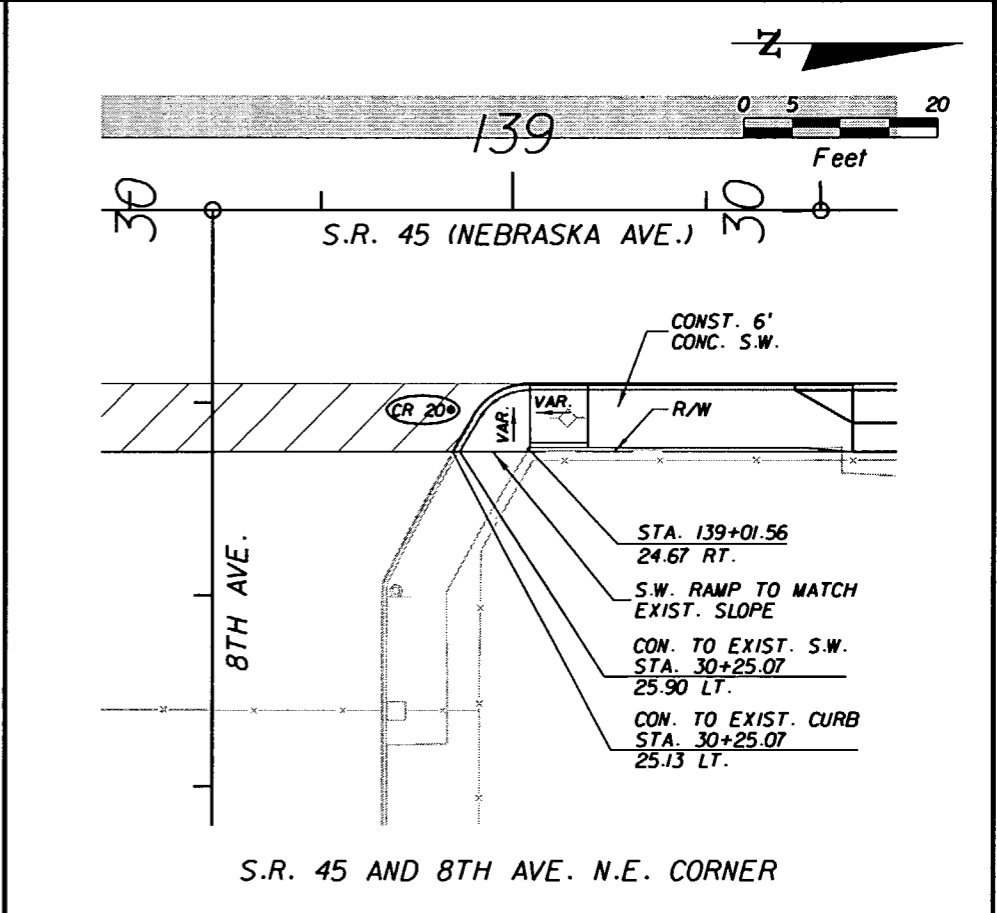
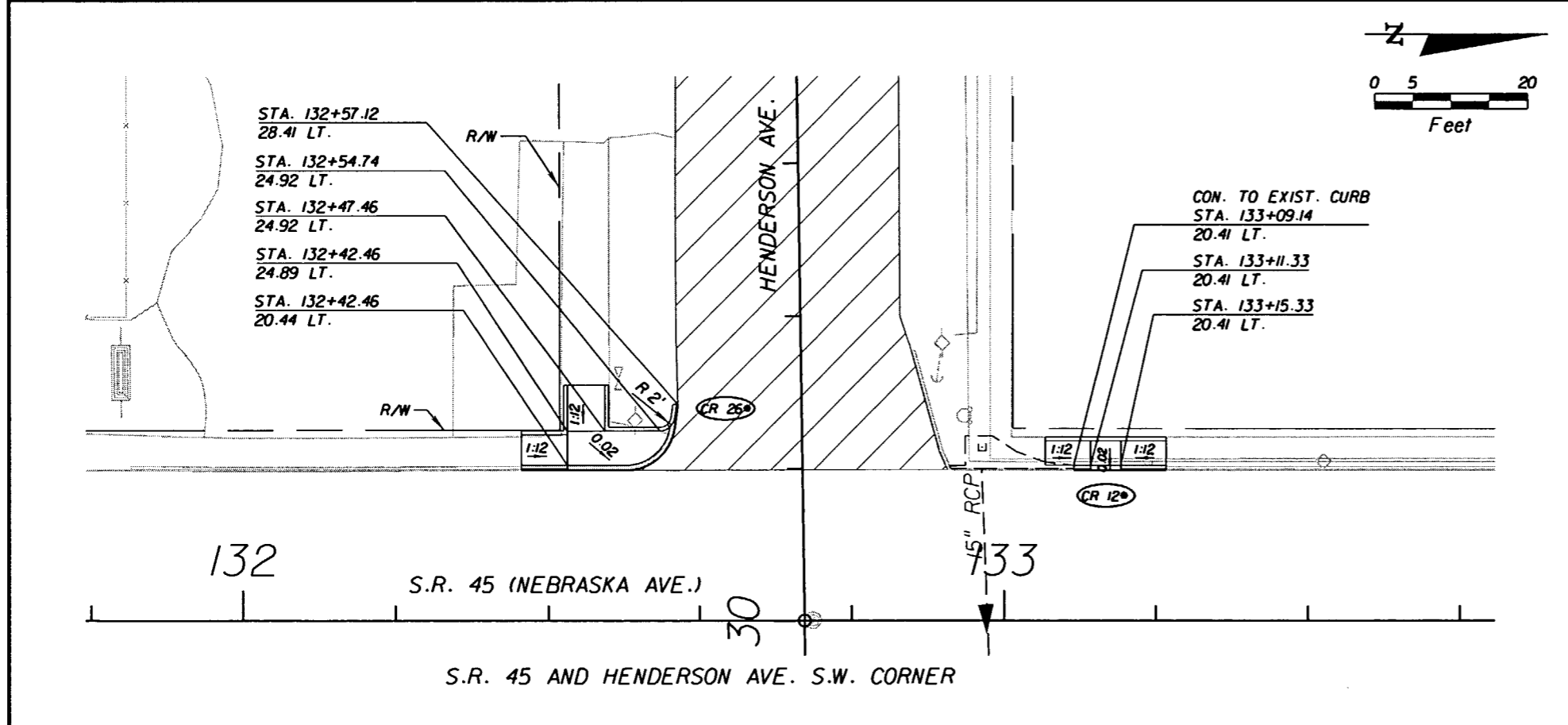
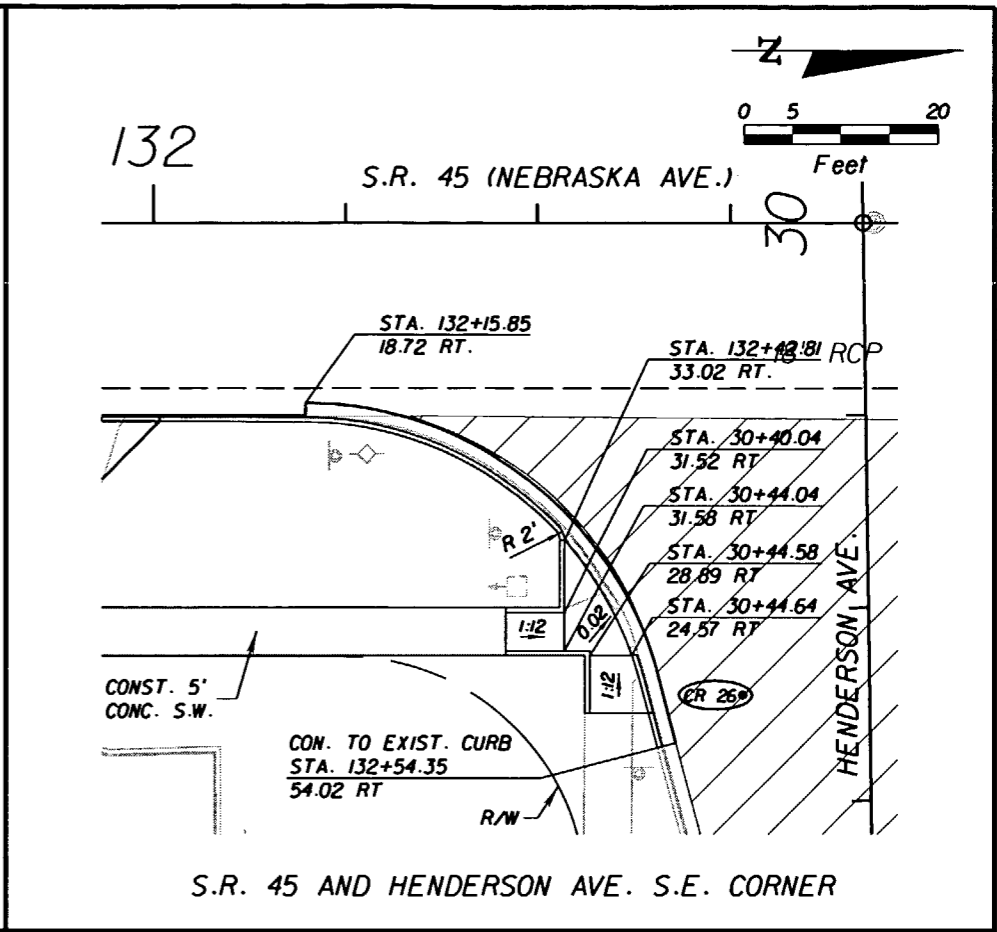
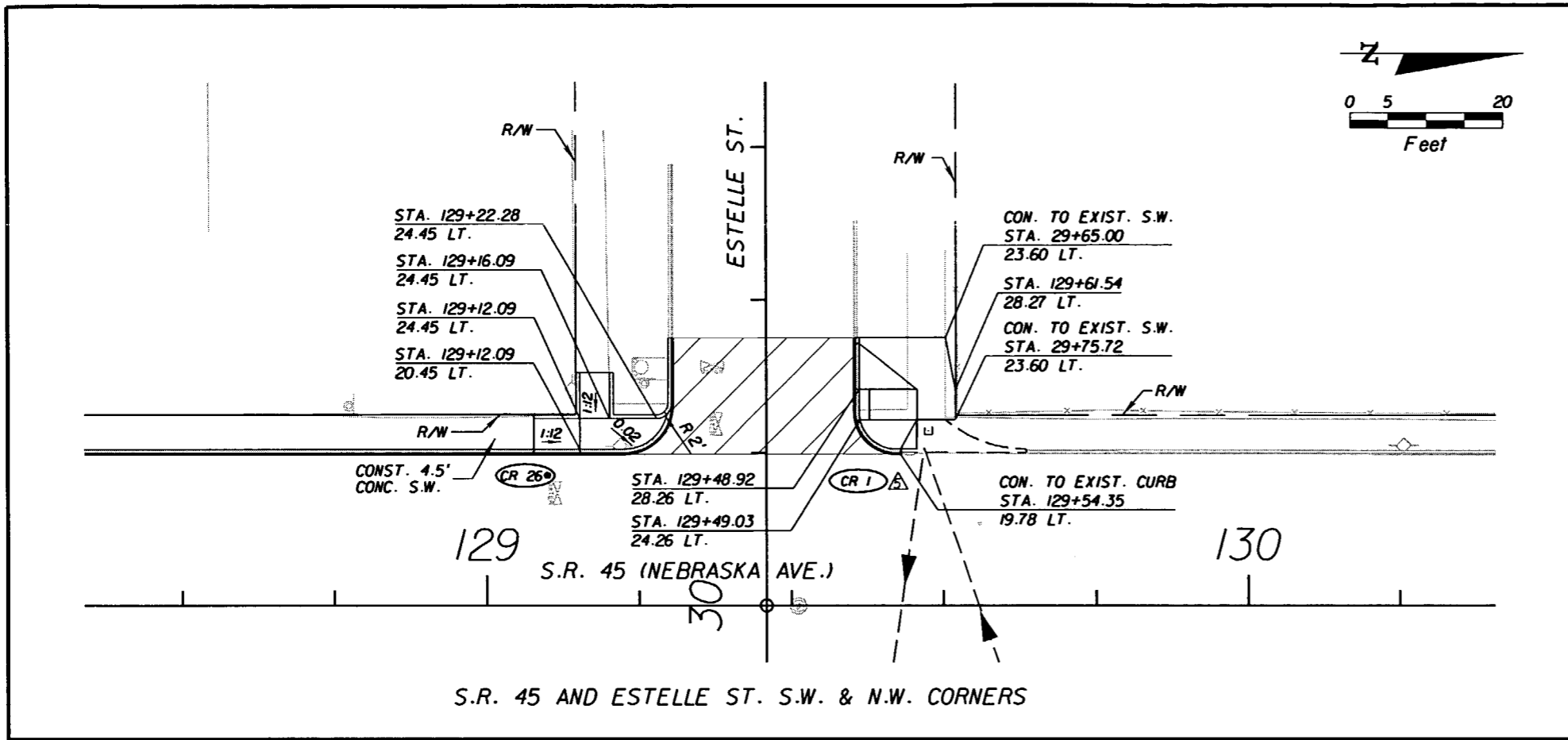
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**CURB RAMPS**

SHEET NO.  
157

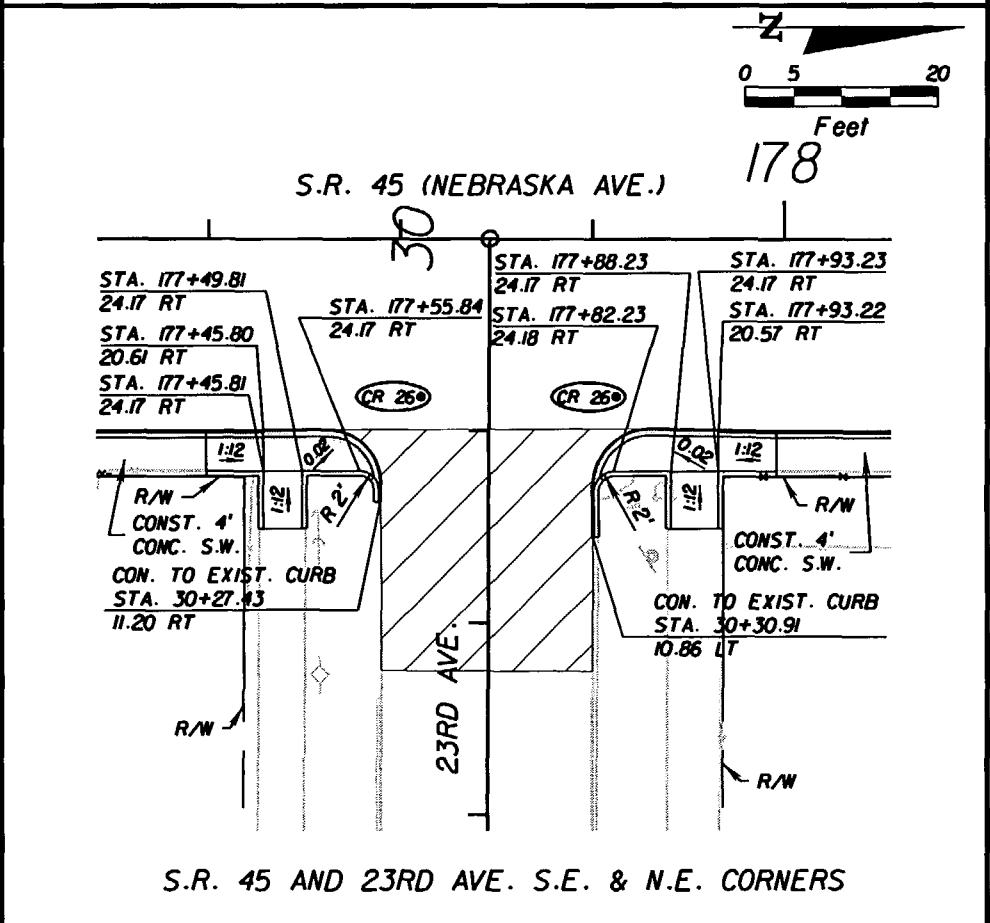
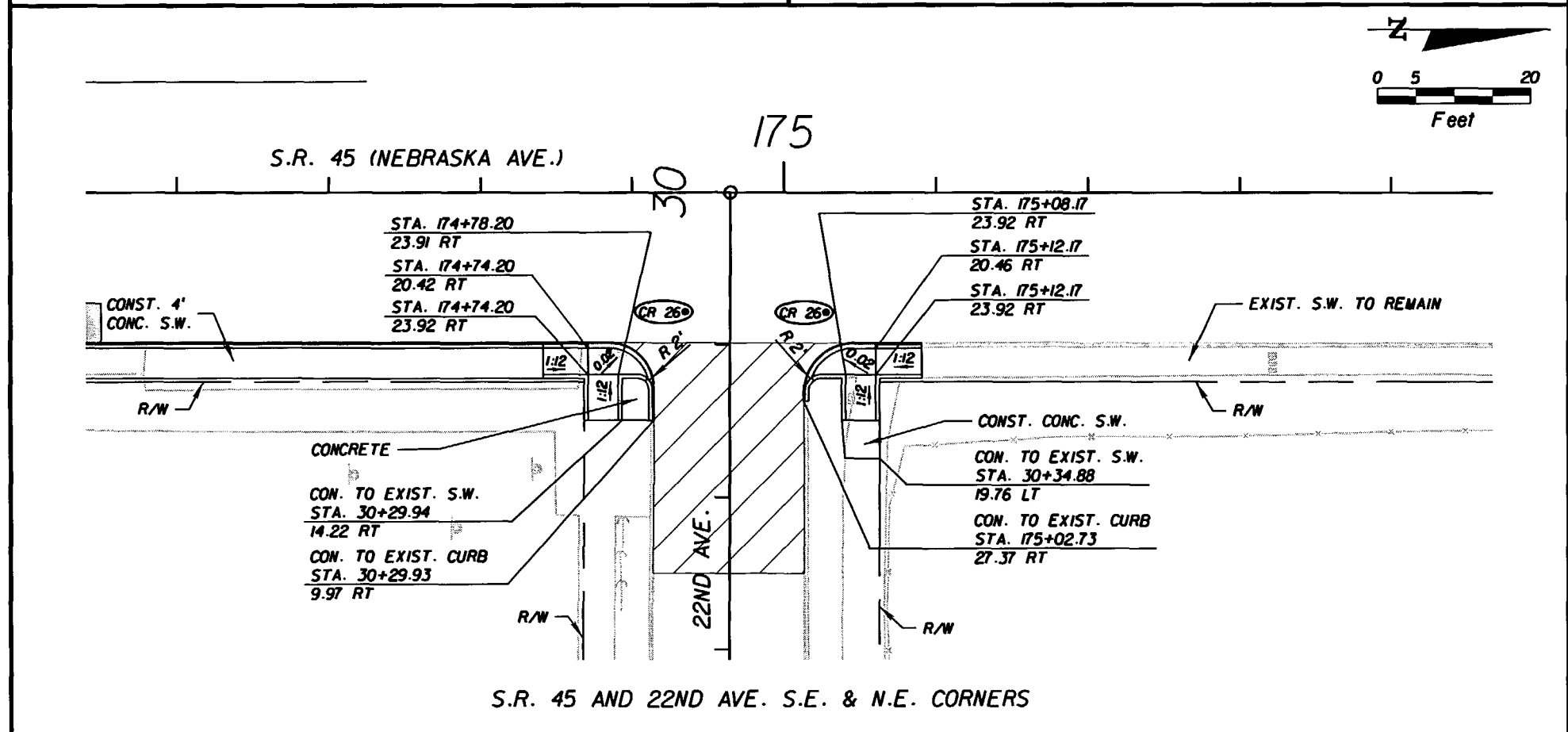
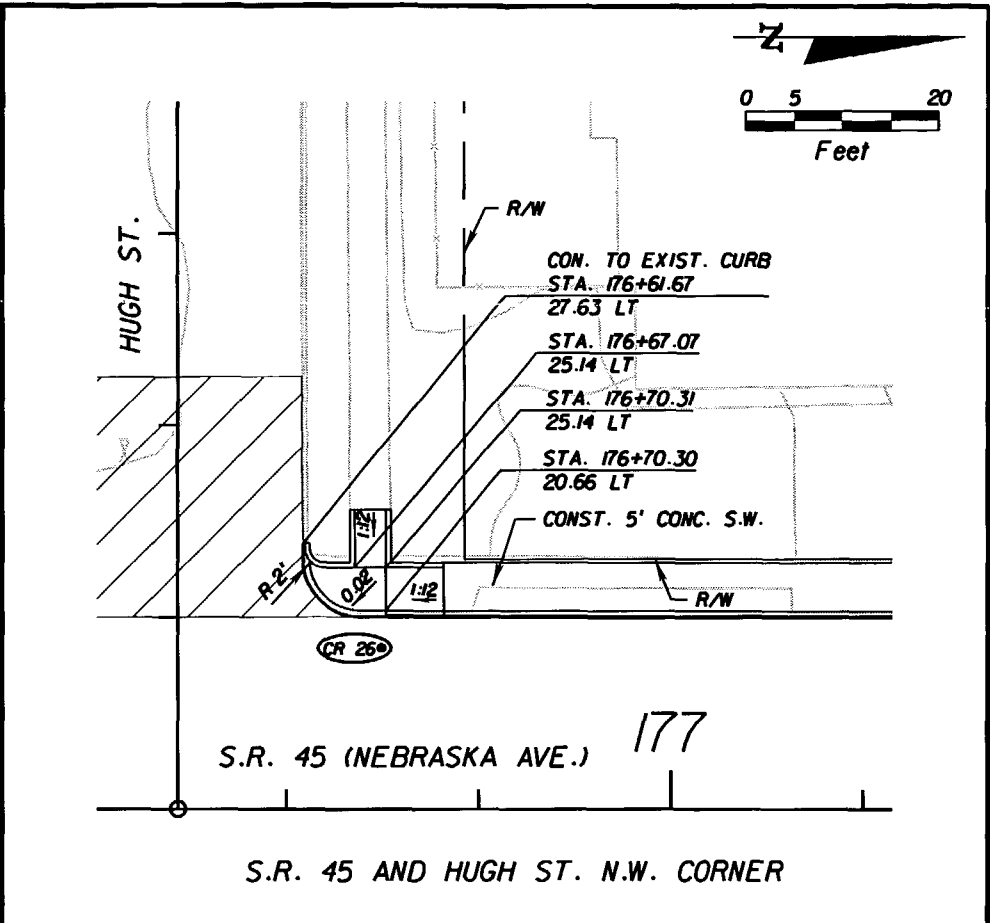
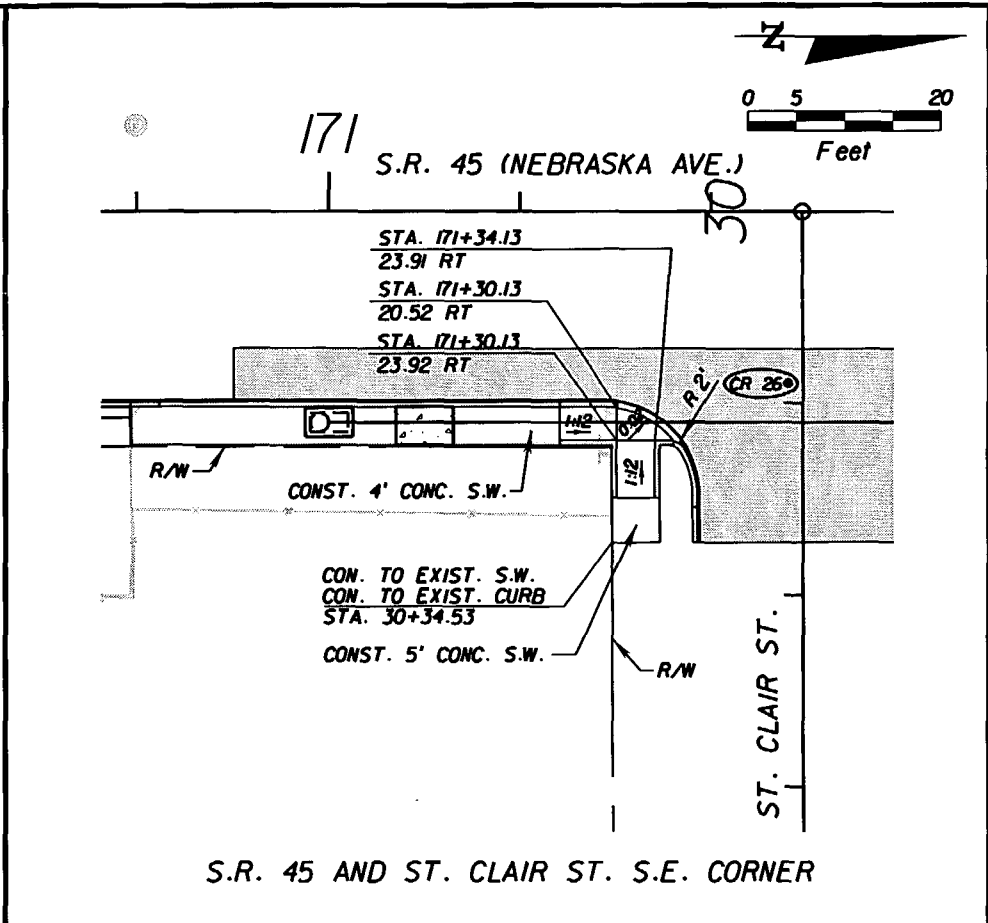
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.





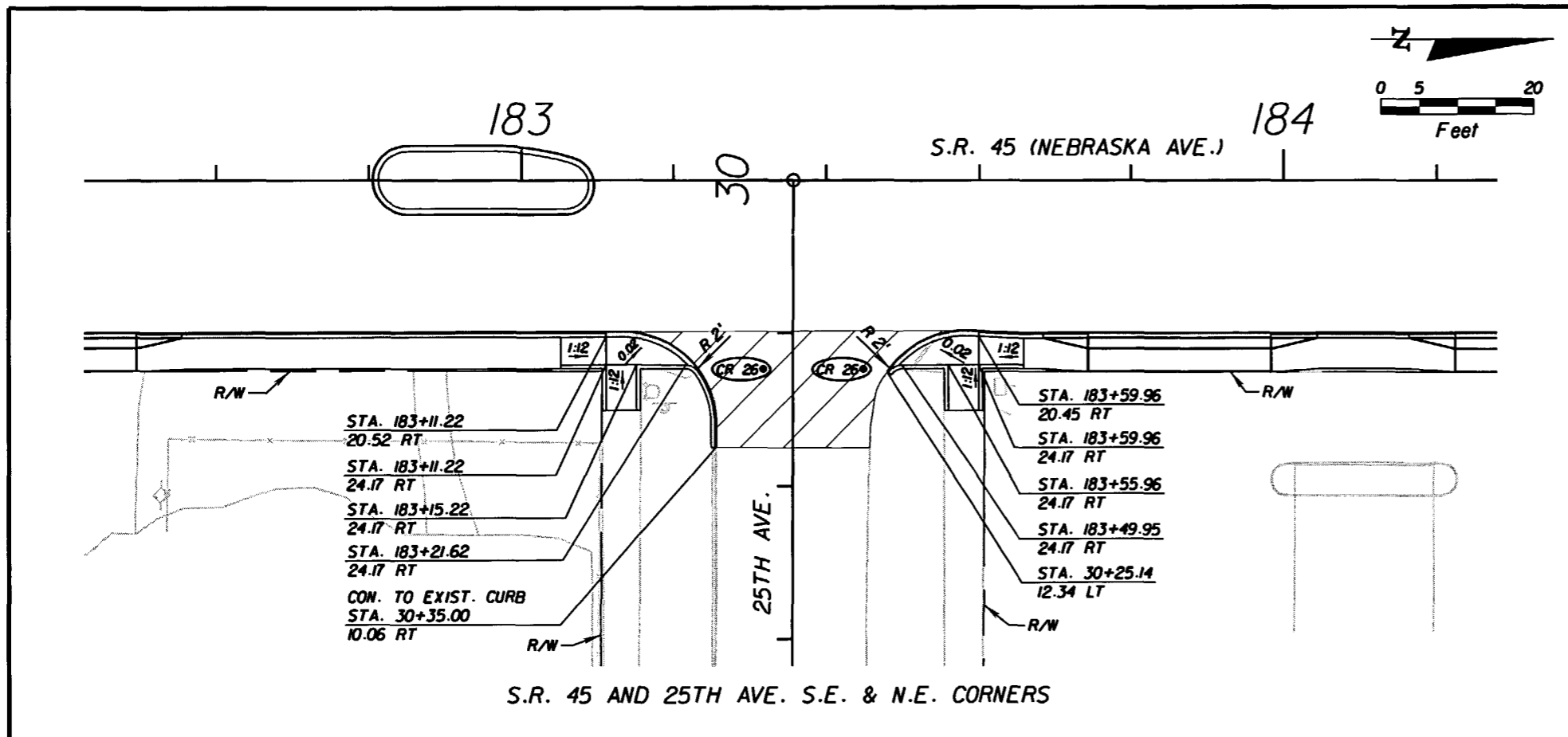
REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  157
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
02/27/08	MJM	MODIFIED ESTELLE ST. CURB RAMP.					S.R. 45	HILLSBOROUGH	255853-1-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

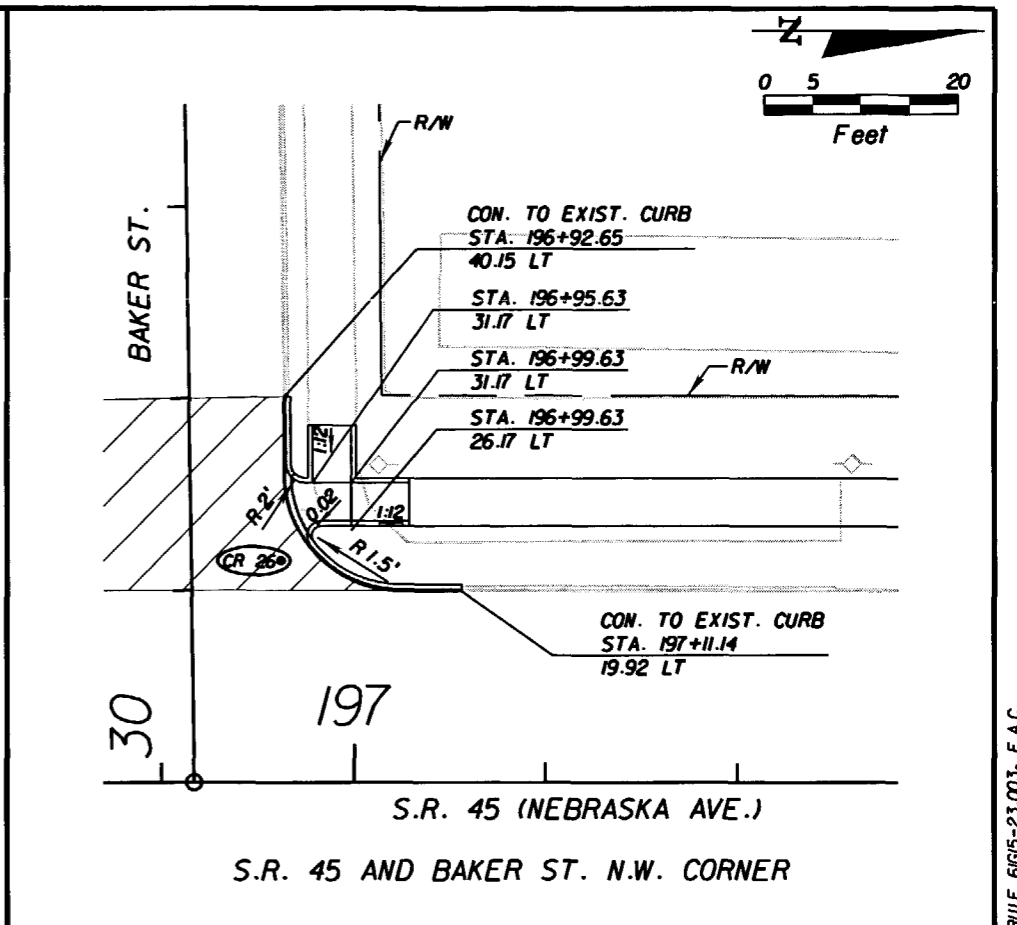


REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 158
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						S.R. 45	HILLSBOROUGH	255853-1-52-01		

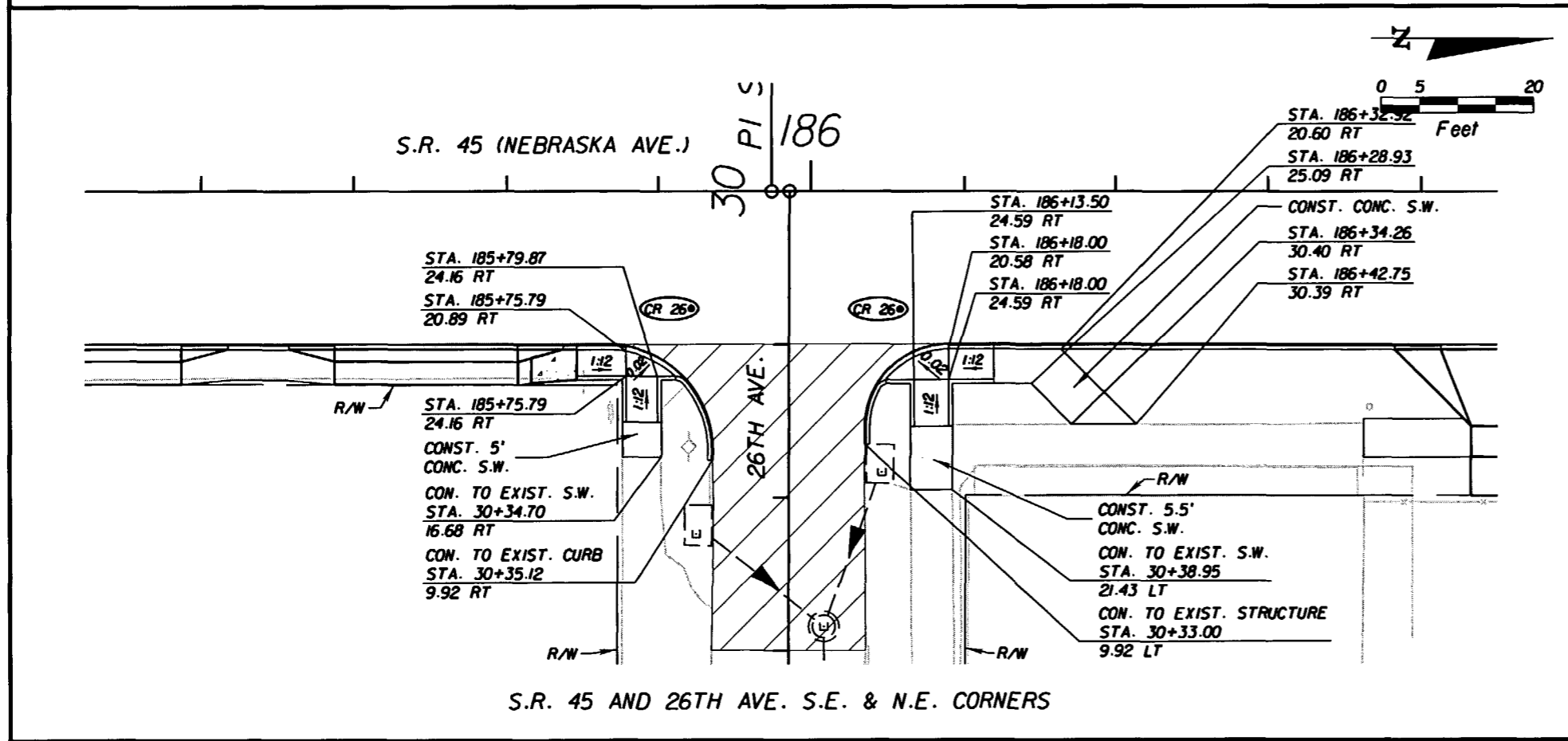
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



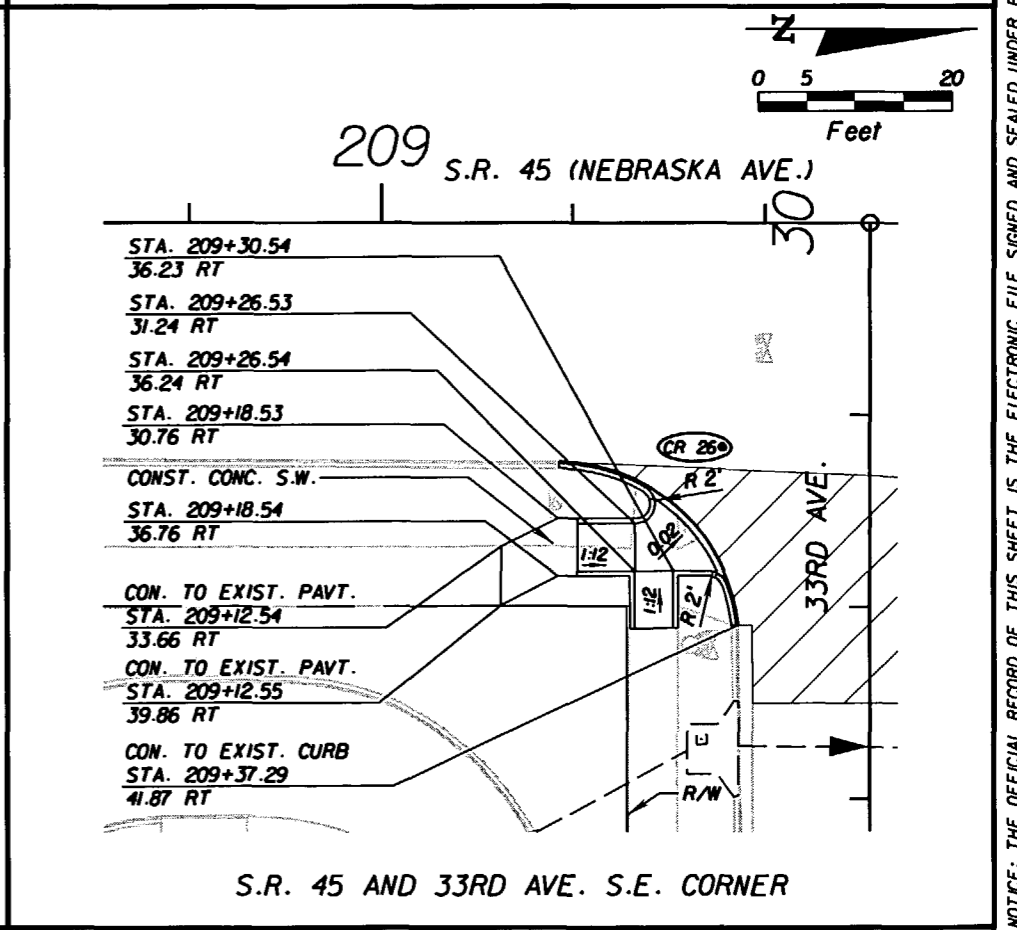
S.R. 45 AND 25TH AVE. S.E. & N.E. CORNERS



S.R. 45 AND BAKER ST. N.W. CORNER



S.R. 45 AND 26TH AVE. S.E. & N.E. CORNERS

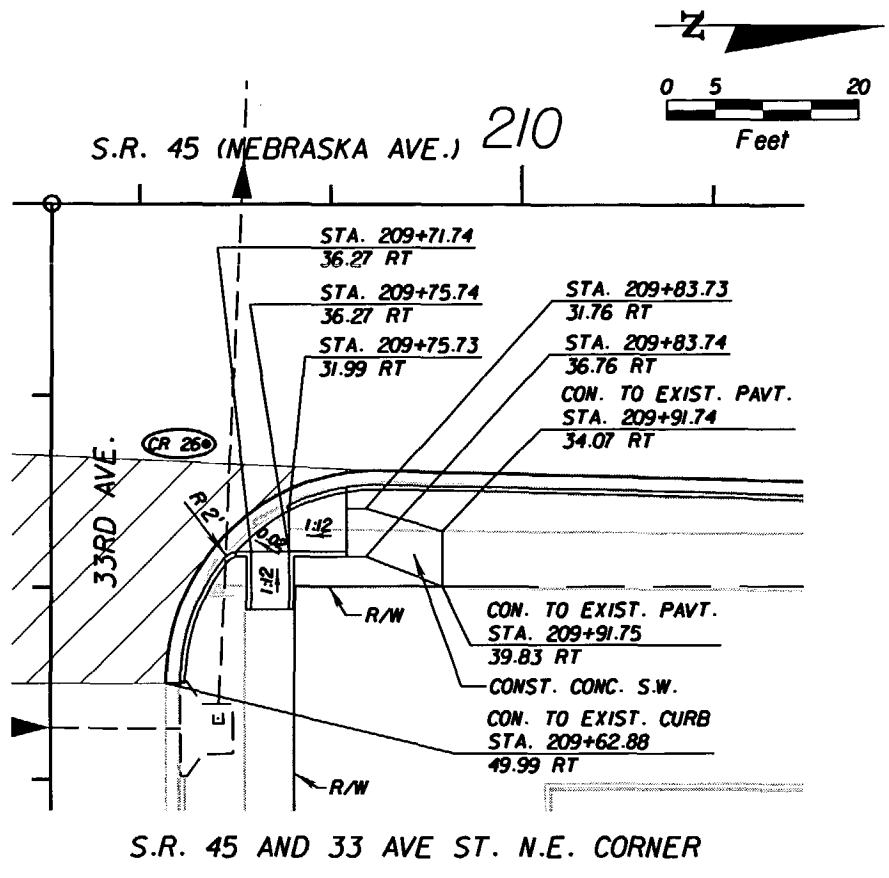


S.R. 45 AND 33RD AVE. S.E. CORNER

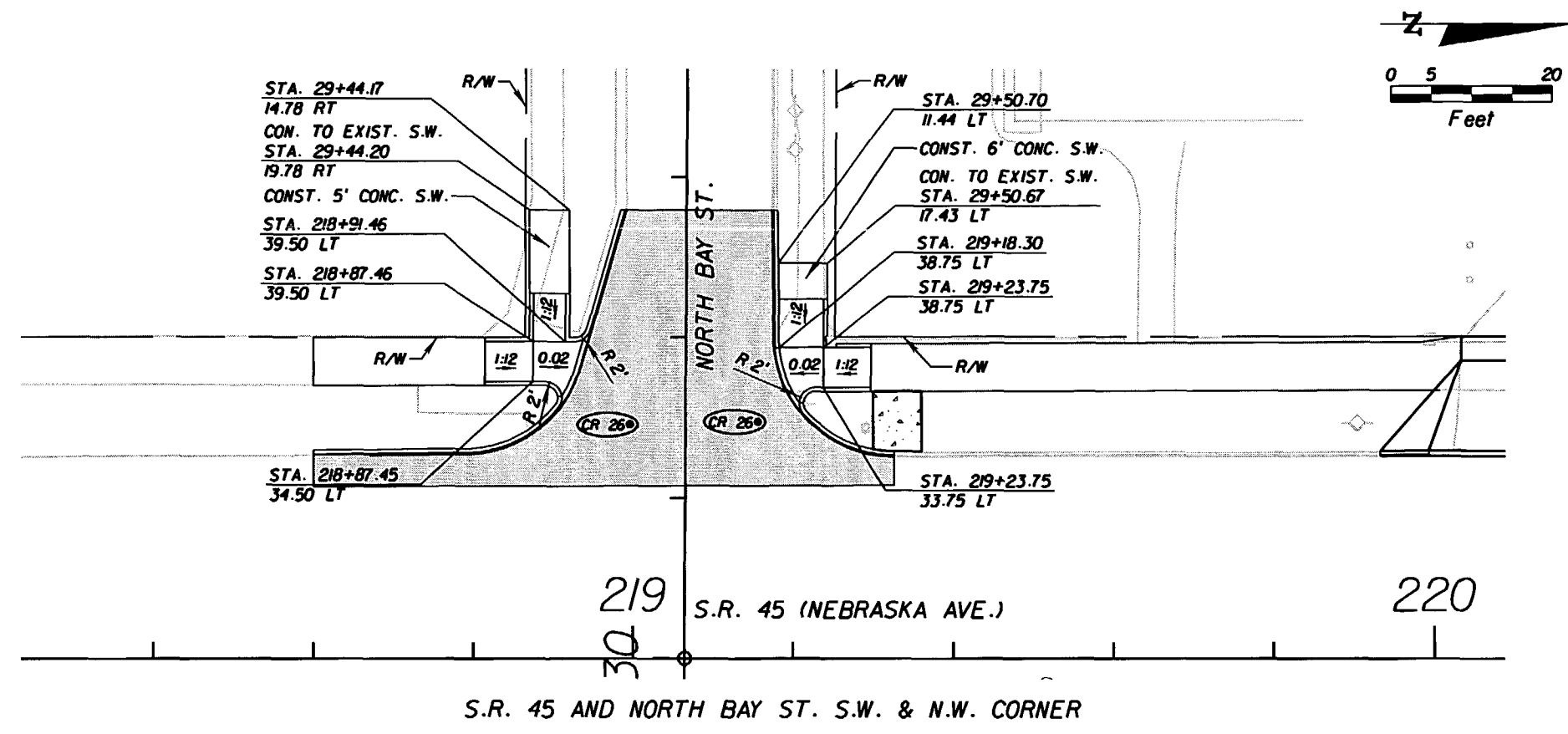
REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 159
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							S.R. 45	HILLSBOROUGH	255853-1-52-01	

**SPECIAL DETAILS  
CURB RAMPS**

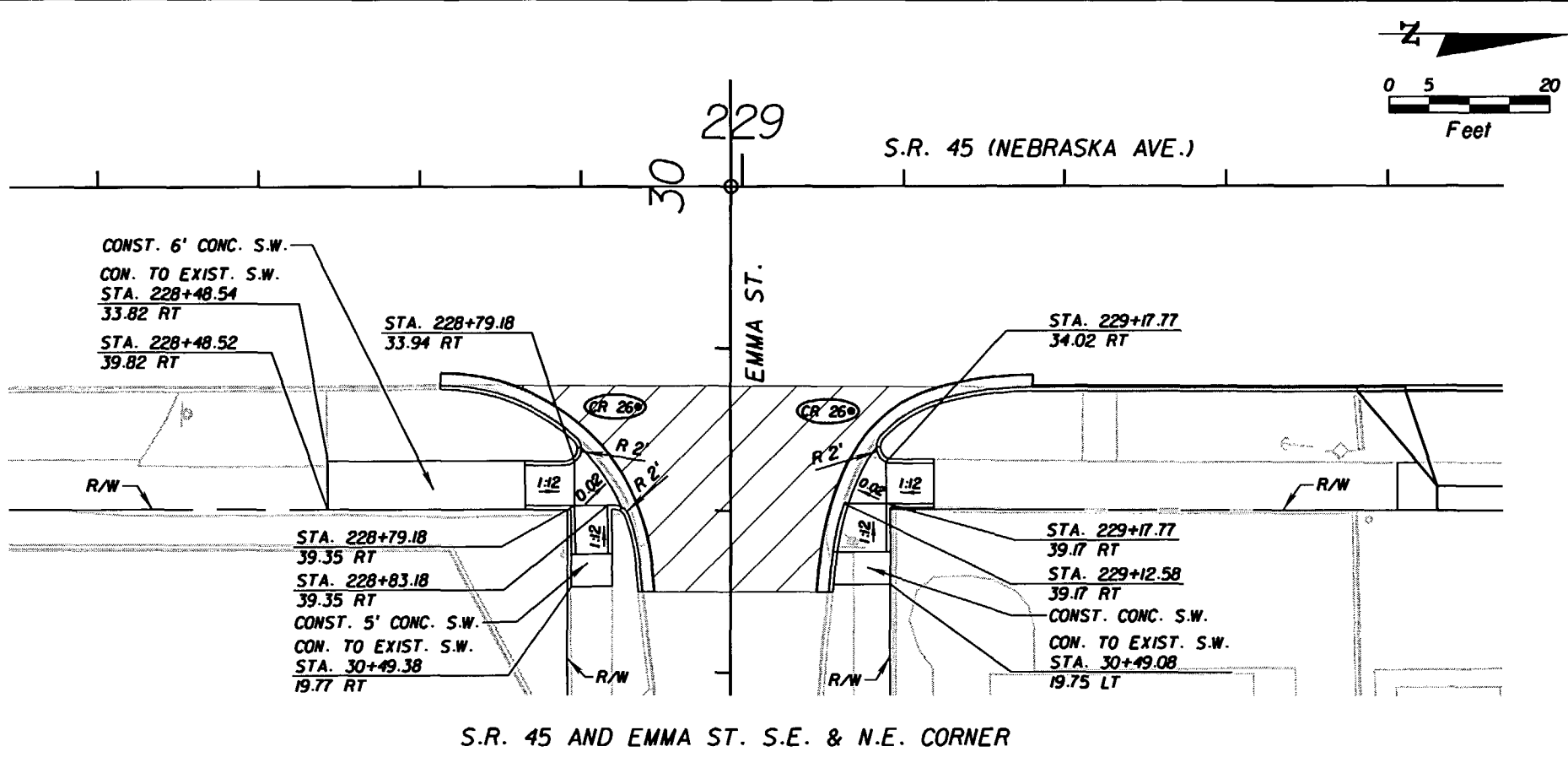
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G05-23.003, F.A.C.



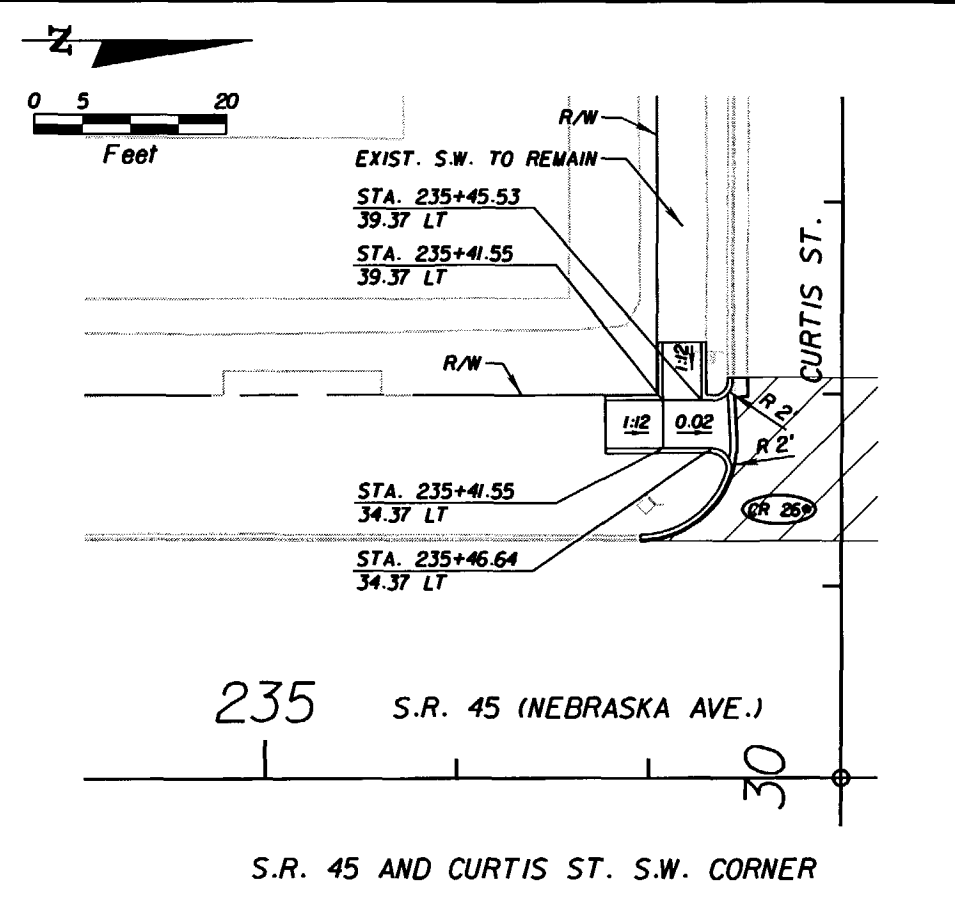
S.R. 45 AND 33 AVE ST. N.E. CORNER



S.R. 45 AND NORTH BAY ST. S.W. & N.W. CORNER



S.R. 45 AND EMMA ST. S.E. & N.E. CORNER



S.R. 45 AND CURTIS ST. S.W. CORNER

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

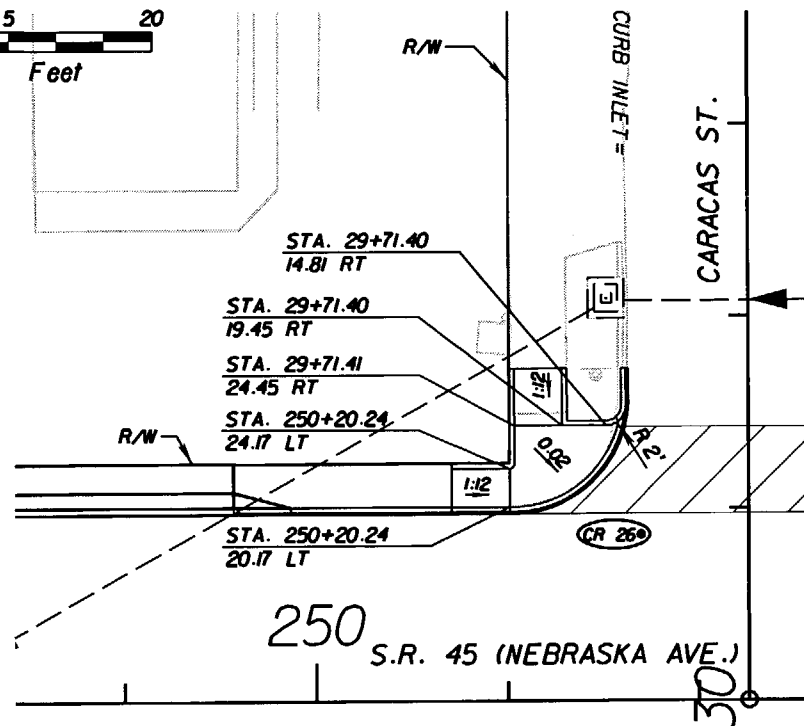
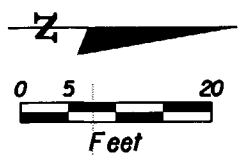
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

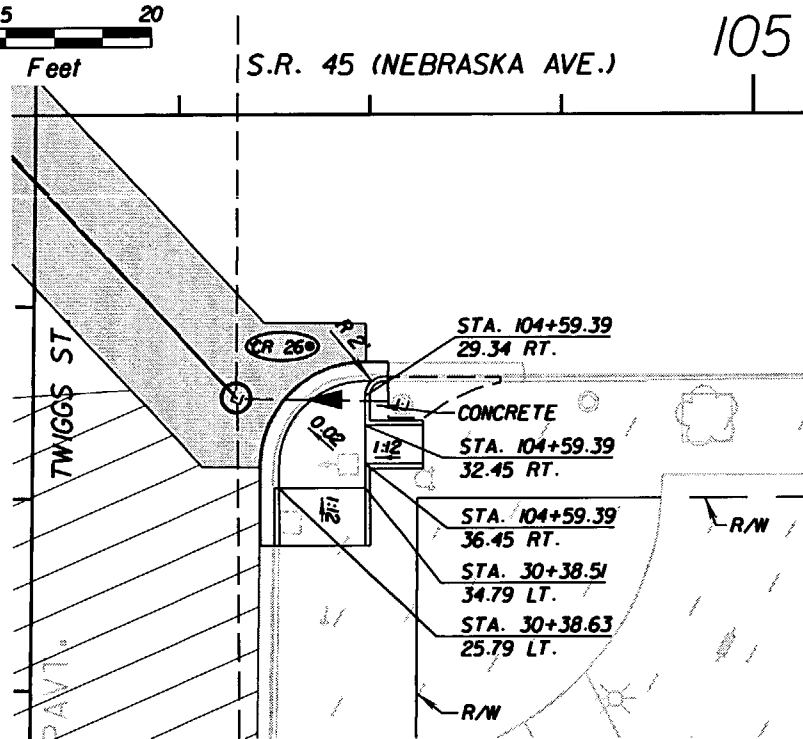
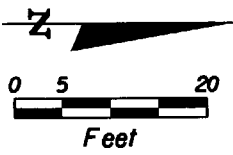
**SPECIAL DETAILS**  
**CURB RAMPS**

SHEET NO.  
160

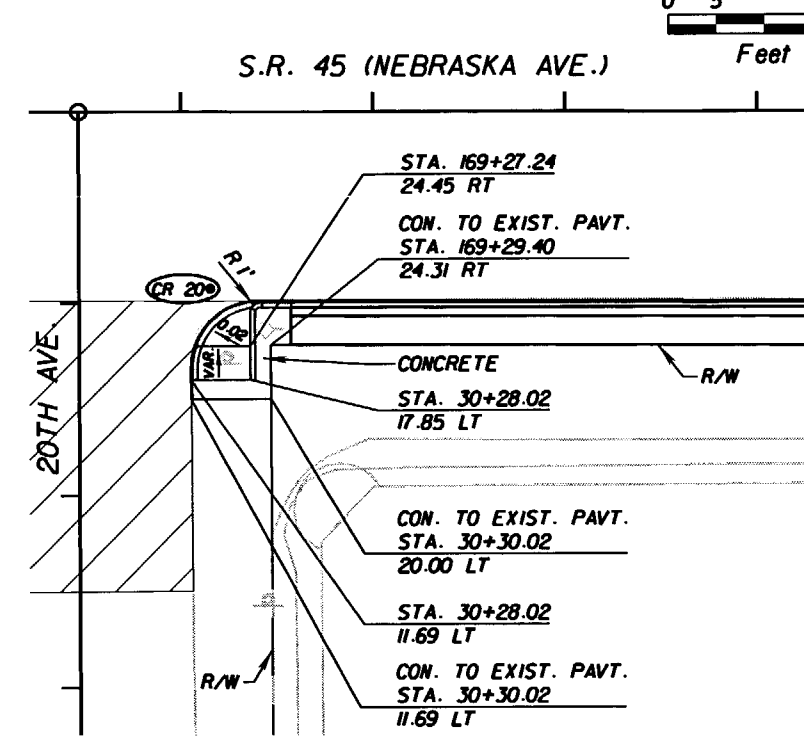
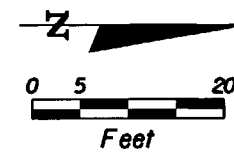
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



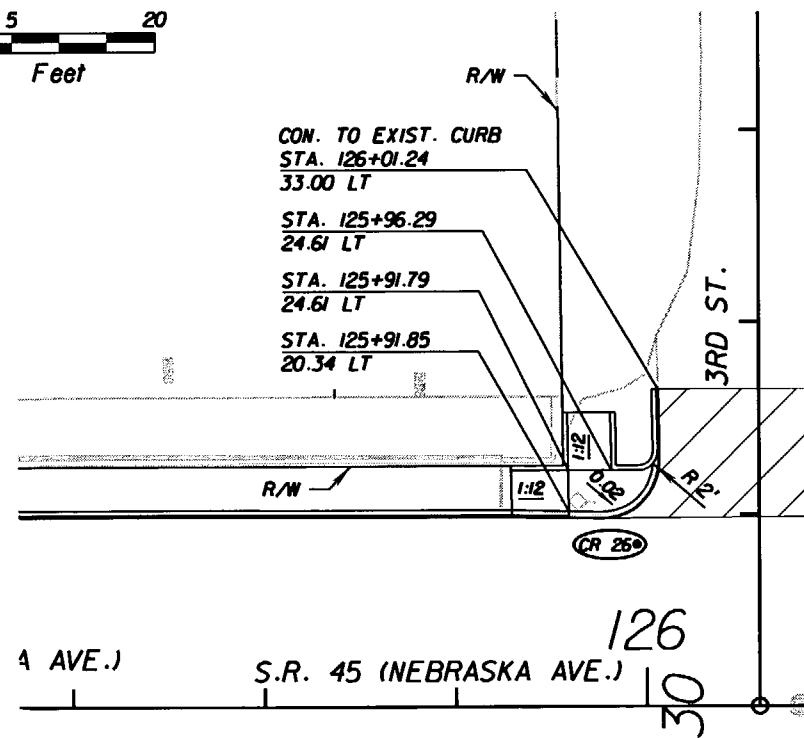
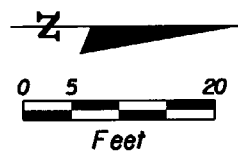
S.R. 45 AND CARACAS ST. S.W. CORNER



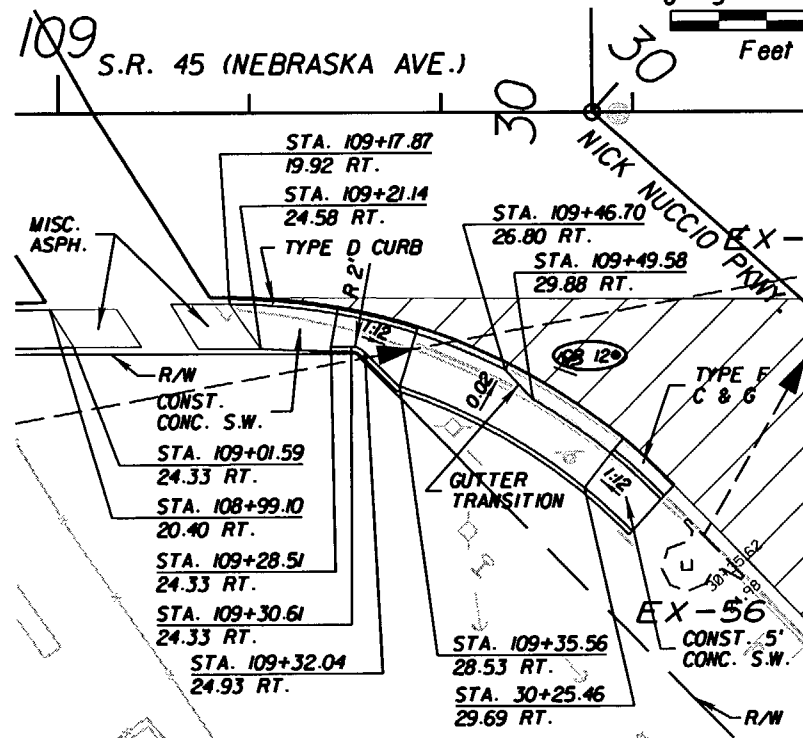
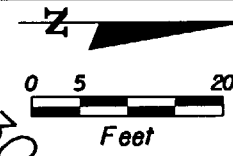
S.R. 45 AND TWIGGS ST. N.E. CORNER



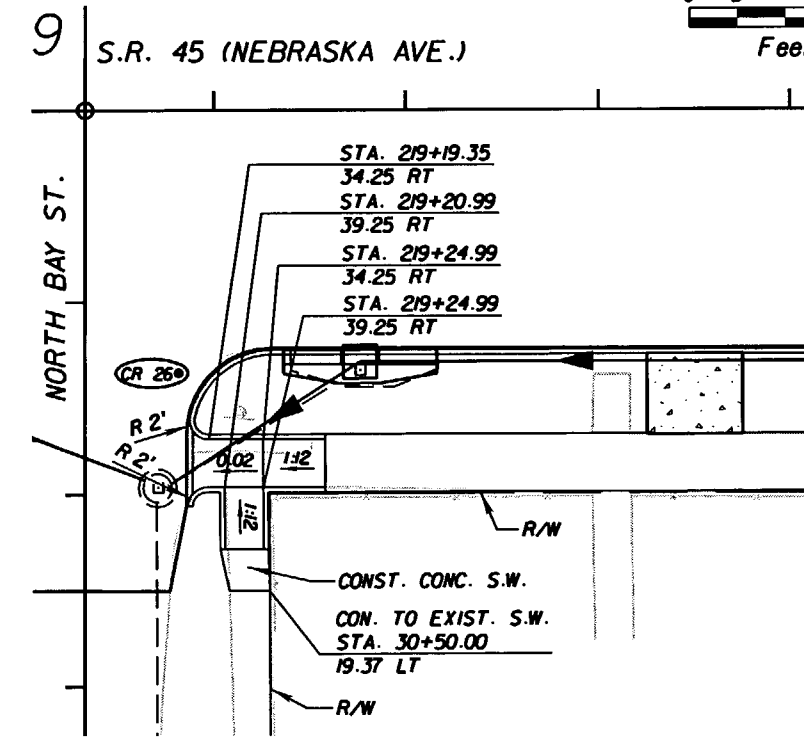
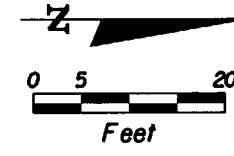
S.R. 45 AND 20TH AVE. N.E. CORNER



S.R. 45 AND 3RD ST. S.W. CORNER



S.R. 45 AND NICK NUCCIO PKWY. S.E. CORNER



S.R. 45 AND NORTH BAY ST. S.E. CORNER

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS  
CURB RAMPS**

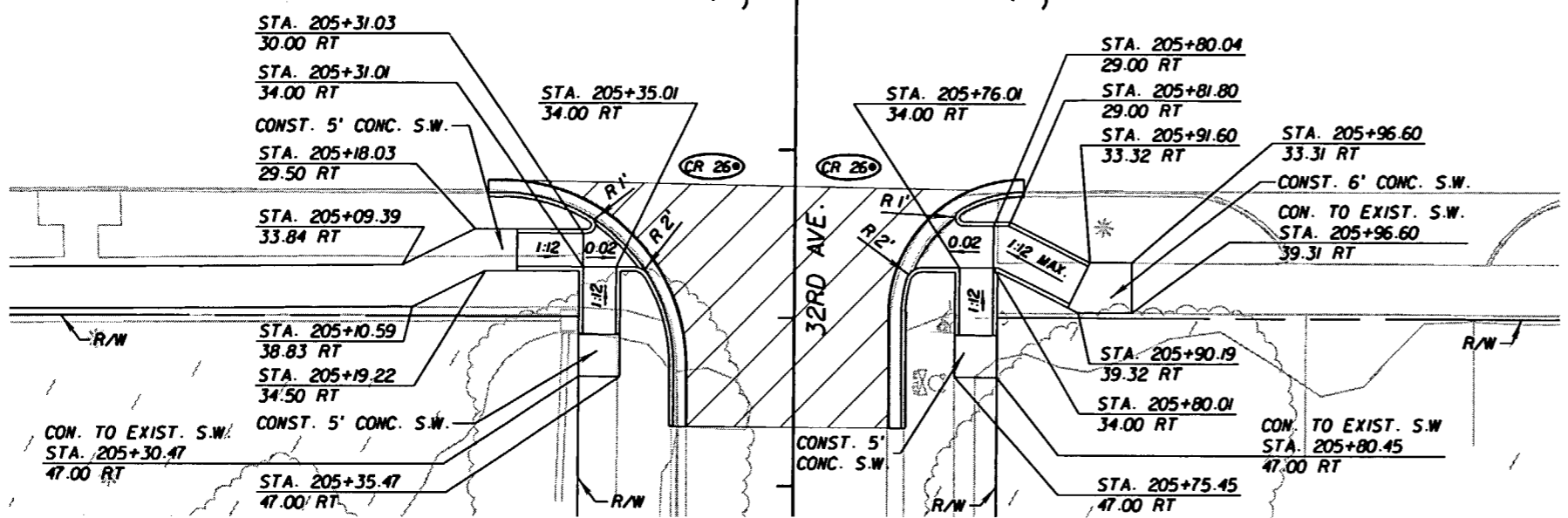
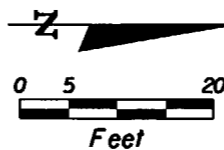
SHEET NO.  
 161

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205

S.R. 45 (NEBRASKA AVE.)

206



△ S.R. 45 AND 32ND AVE. S.E. & N.E. CORNERS

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
06/25/08	MJM	△ ADDED THIS SHEET. MODIFIED 32ND AVE CURB RAMPS.			

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

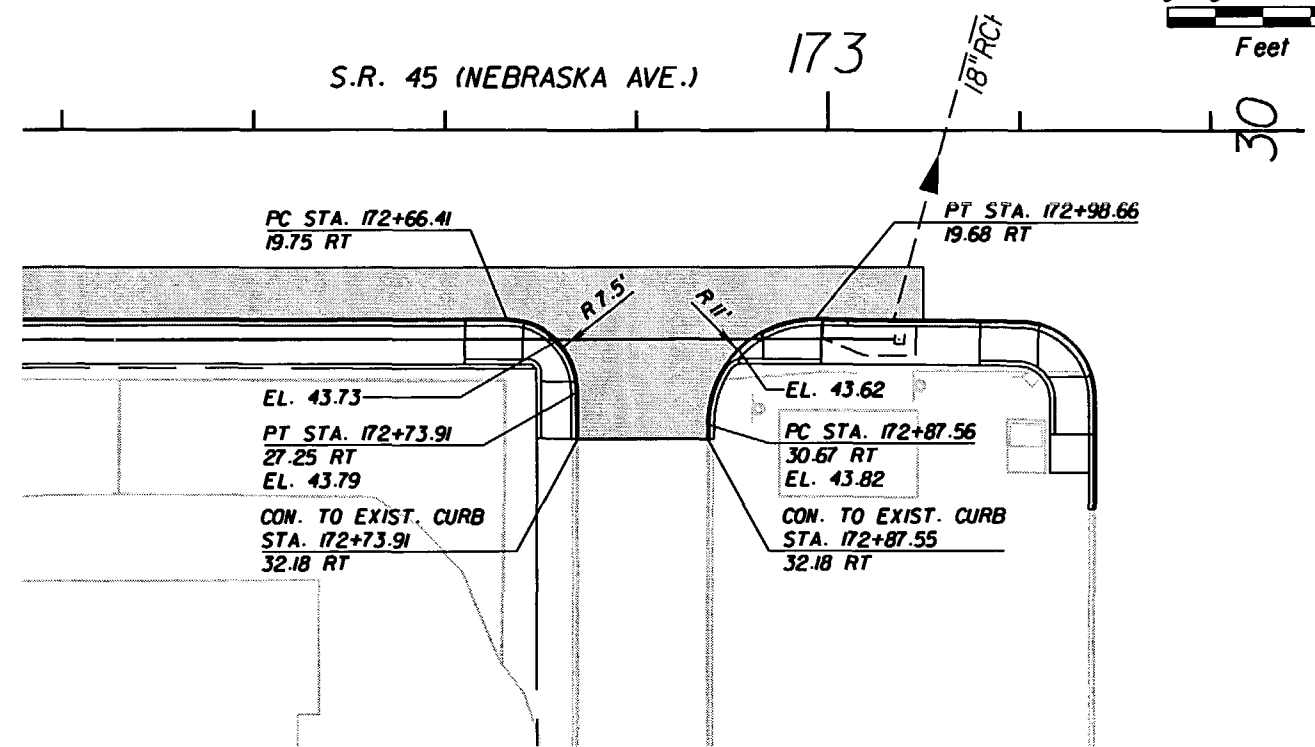
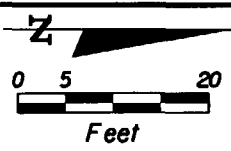
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS  
CURB RAMPS**

SHEET NO.  
161A

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

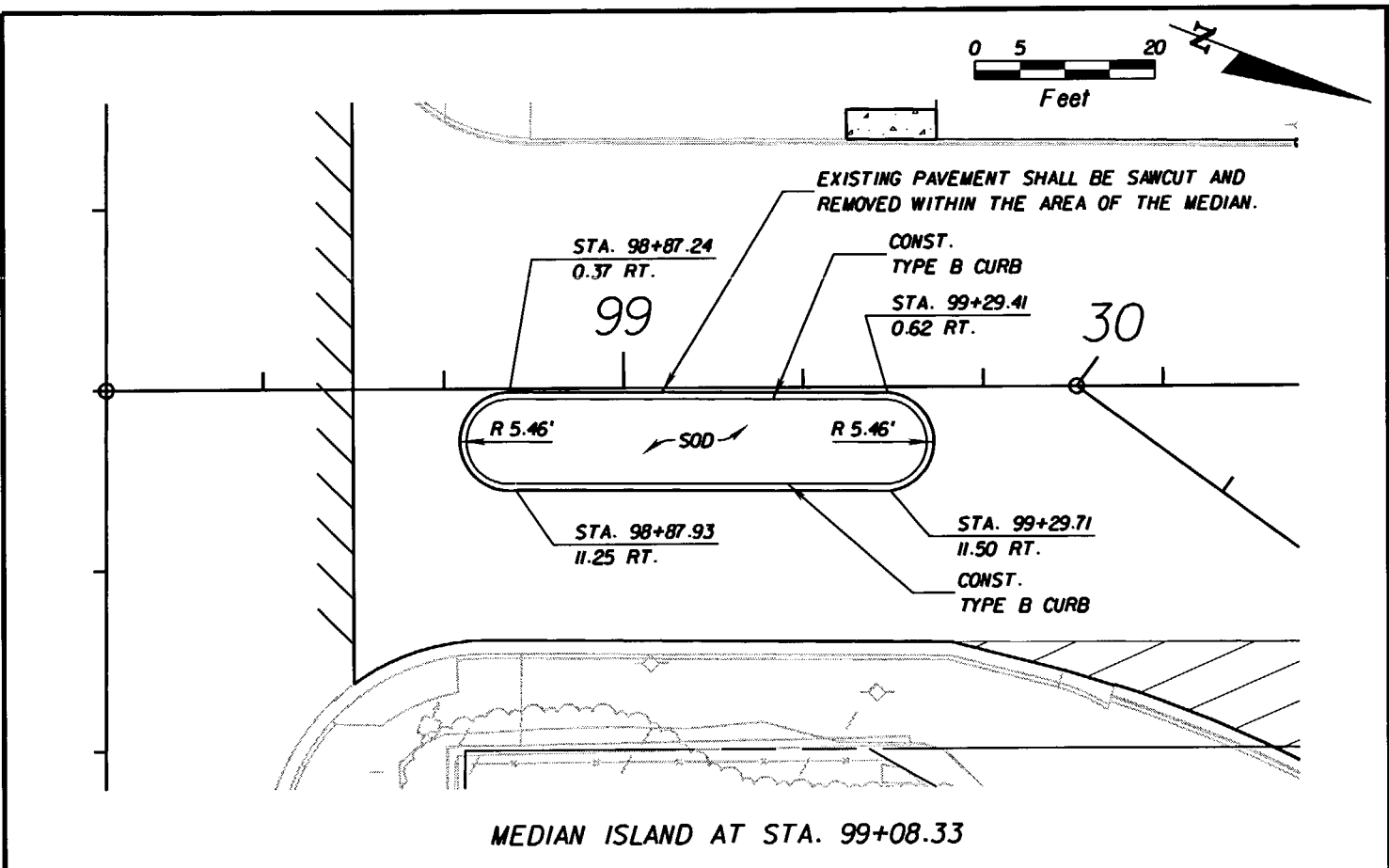




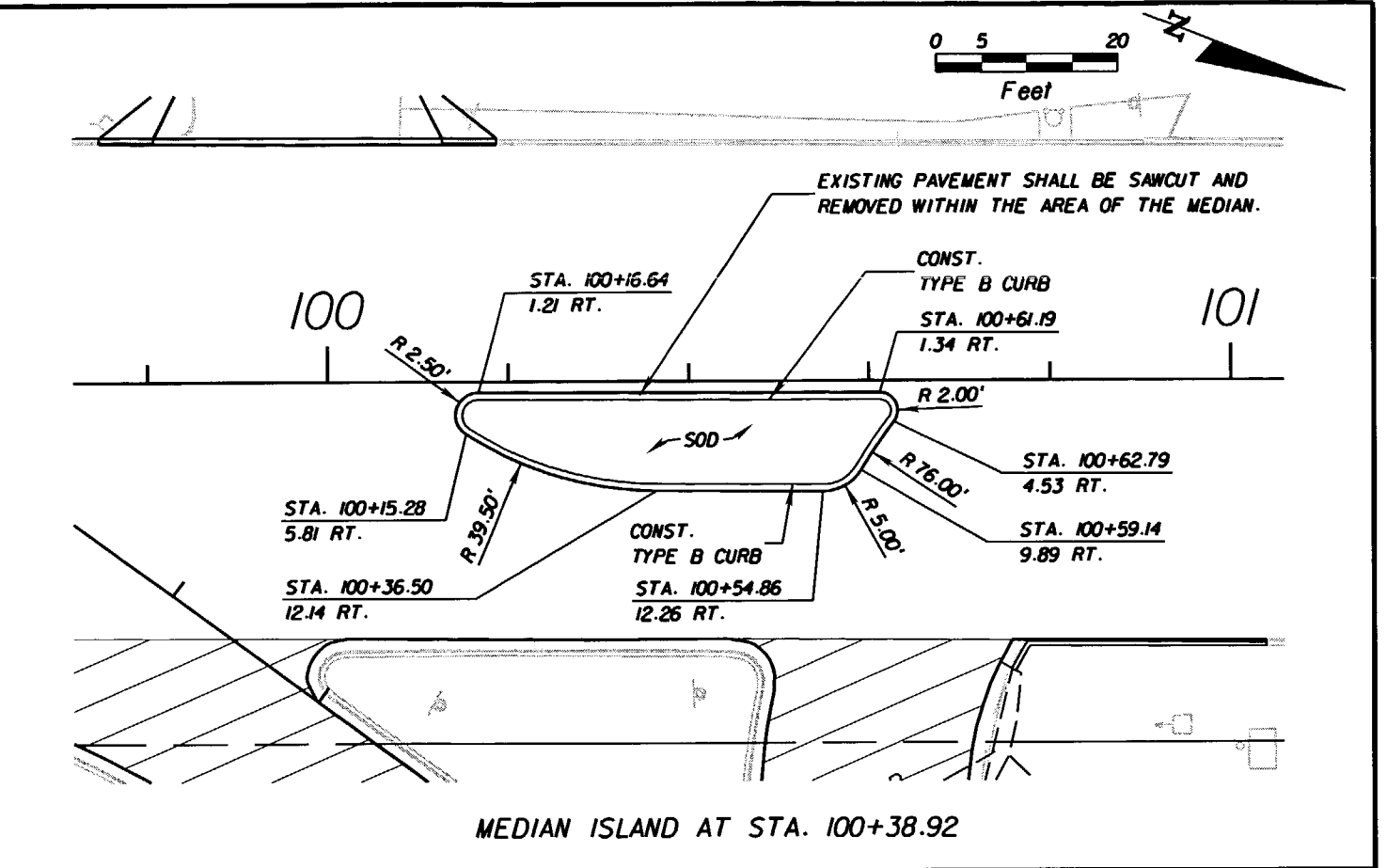
RADIAL DRIVEWAY AT STA. 172+80.73

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

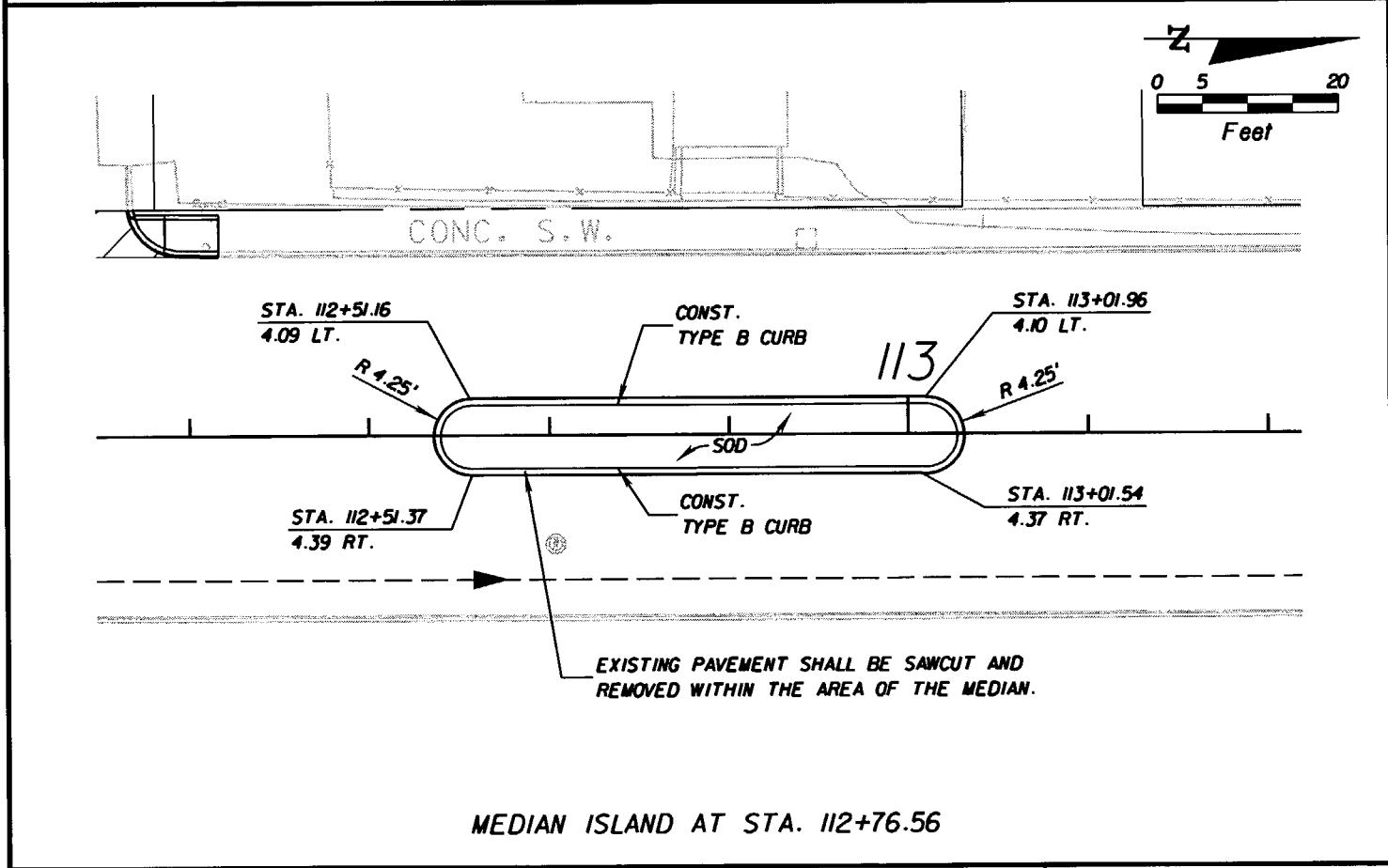
REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SPECIAL DETAILS</b> <b>RADIAL DRIVEWAYS</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		162
						S.R. 45	HILLSBOROUGH	255853-1-52-01			



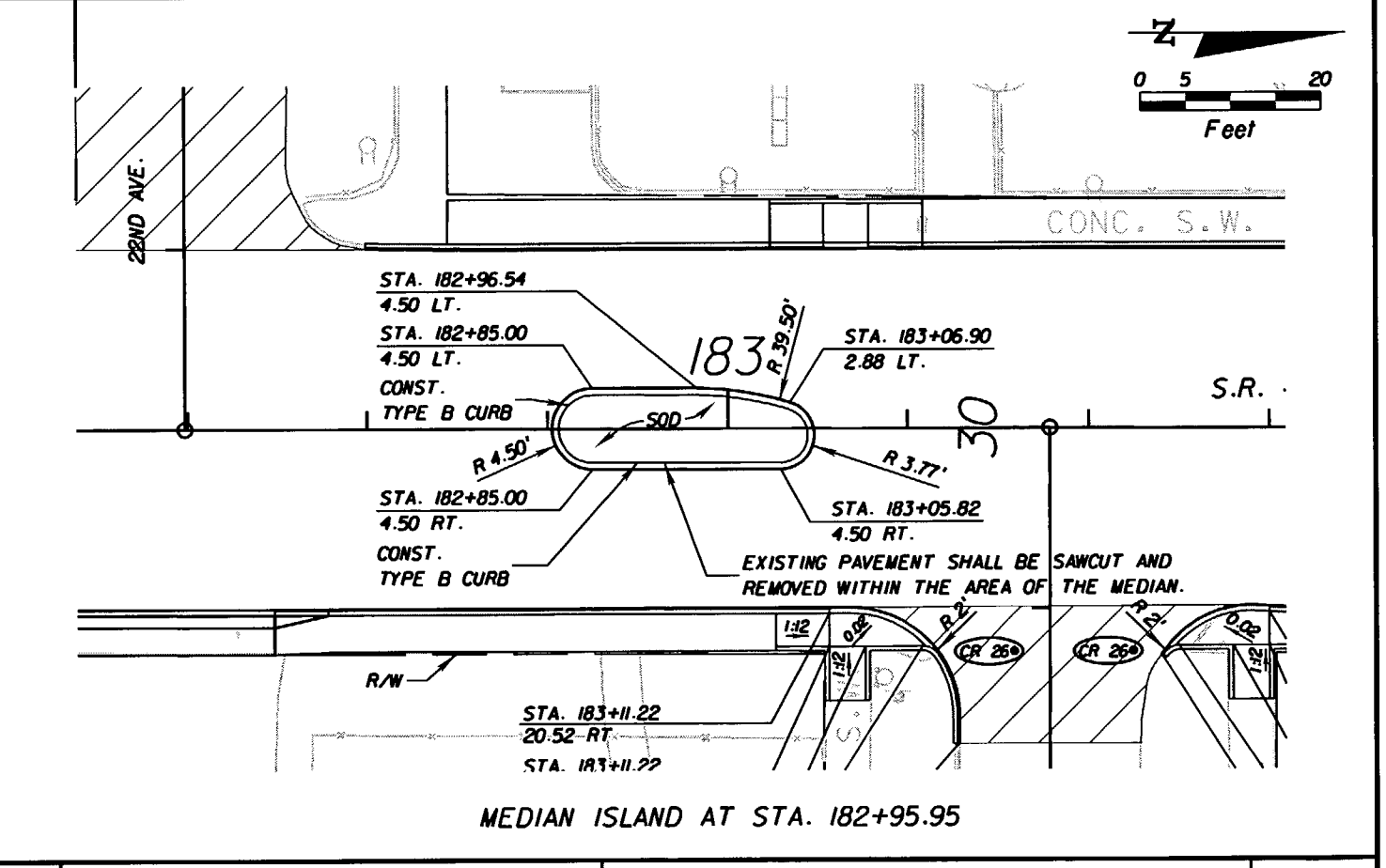
MEDIAN ISLAND AT STA. 99+08.33



MEDIAN ISLAND AT STA. 100+38.92



MEDIAN ISLAND AT STA. 112+76.56



MEDIAN ISLAND AT STA. 182+95.95

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

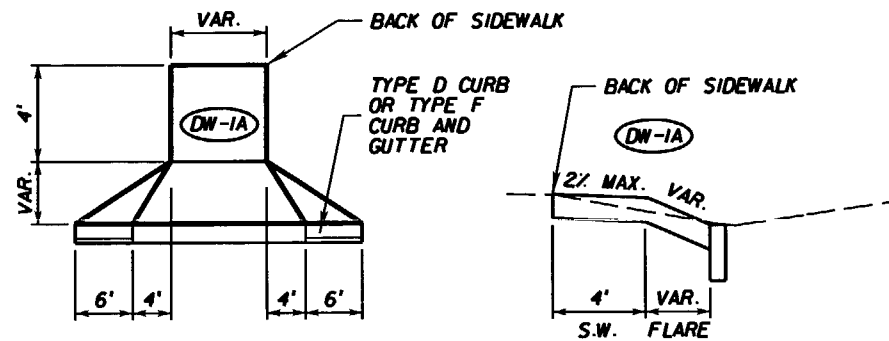
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

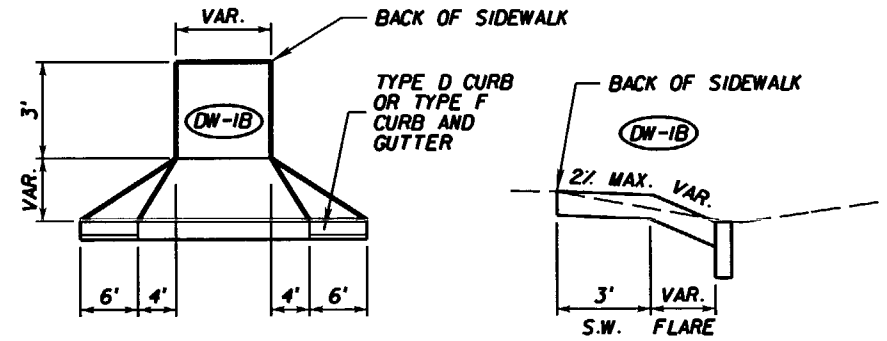
**SPECIAL DETAILS**  
**MEDIAN ISLANDS**

SHEET NO.  
 163

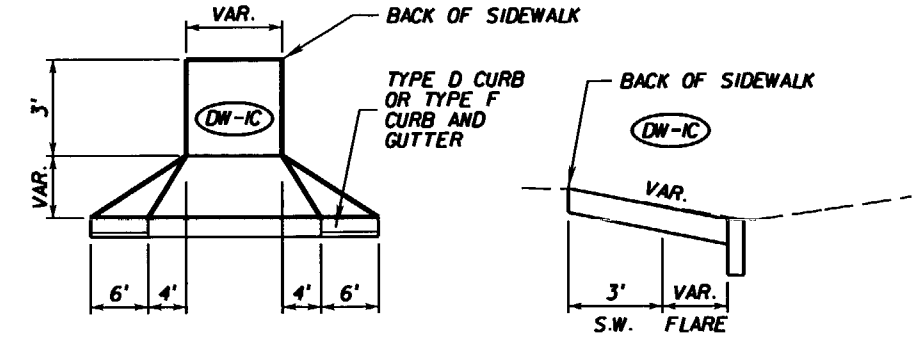
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.



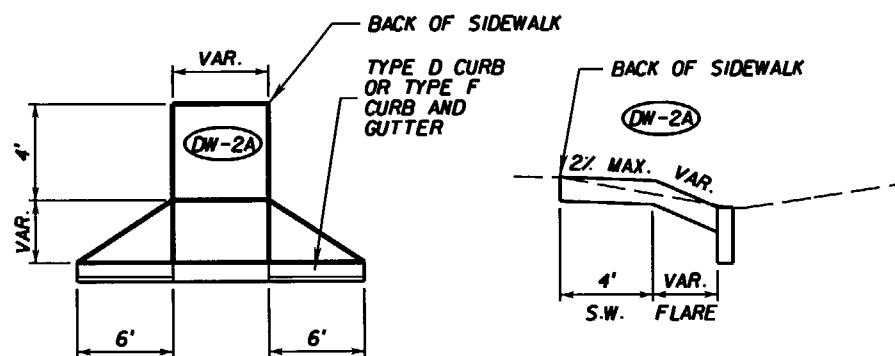
PLAN CROSS SECTION  
CROSS SECTION DETAIL DW-1A  
N.T.S.



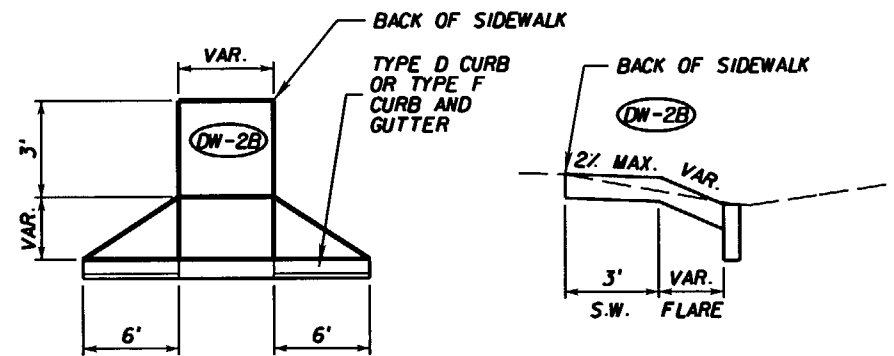
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CROSS SECTION DETAIL DW-1B  
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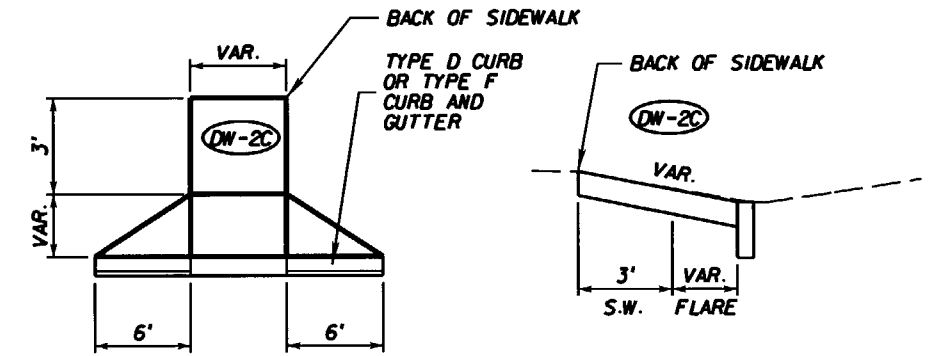
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N.T.S.



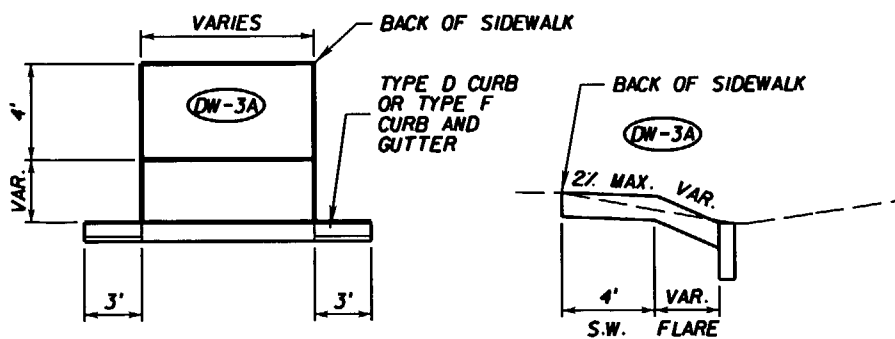
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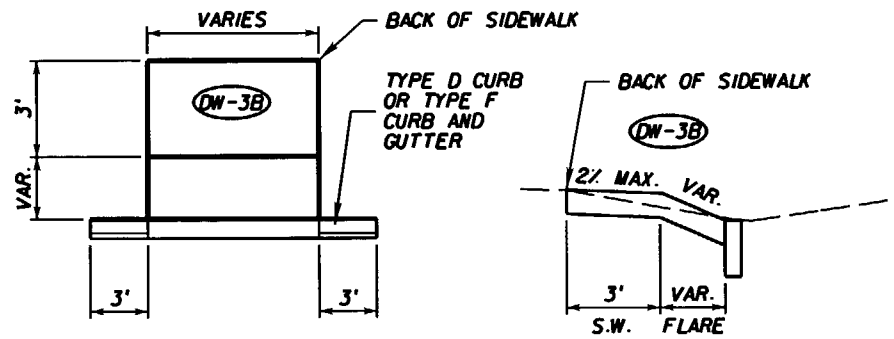
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N.T.S.



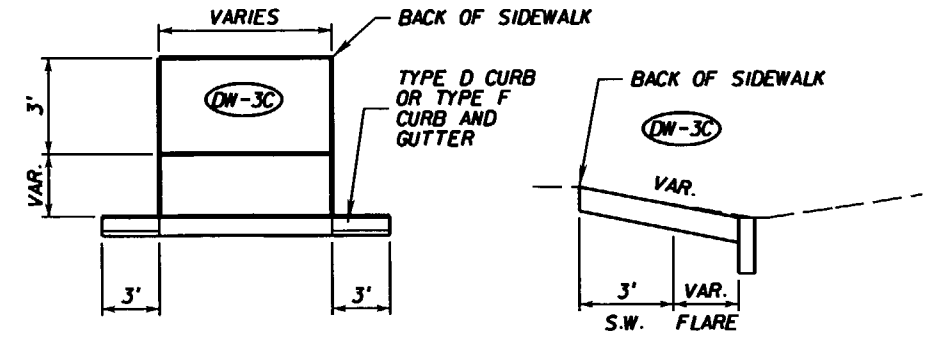
PLAN CROSS SECTION  
CROSS SECTION DETAIL DW-2C  
N.T.S.



PLAN CROSS SECTION  
CROSS SECTION DETAIL DW-3A  
N.T.S.



PLAN CROSS SECTION  
CROSS SECTION DETAIL DW-3B  
N.T.S.



PLAN CROSS SECTION  
CROSS SECTION DETAIL DW-3C  
N.T.S.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

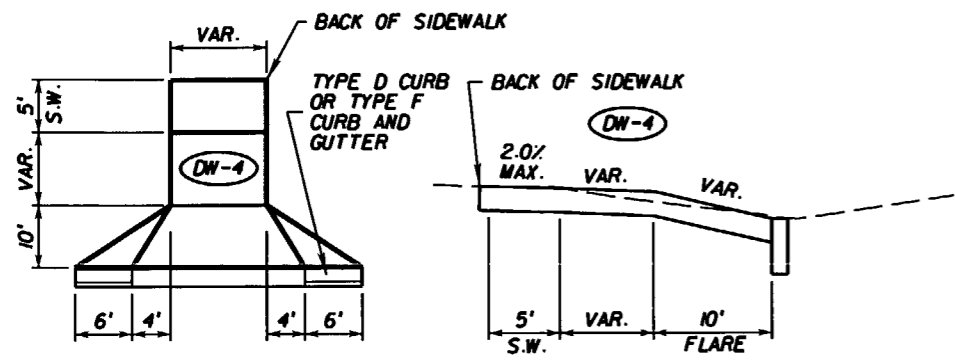
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS  
DRIVEWAYS**

SHEET NO.  
164

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PLAN CROSS SECTION  
 CROSS SECTION DETAIL DW-4  
 N.T.S.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

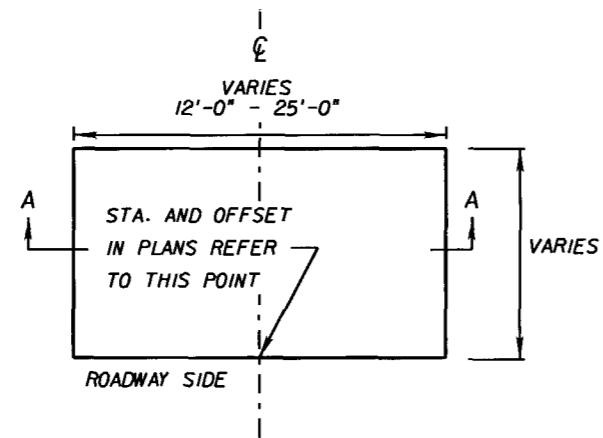
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

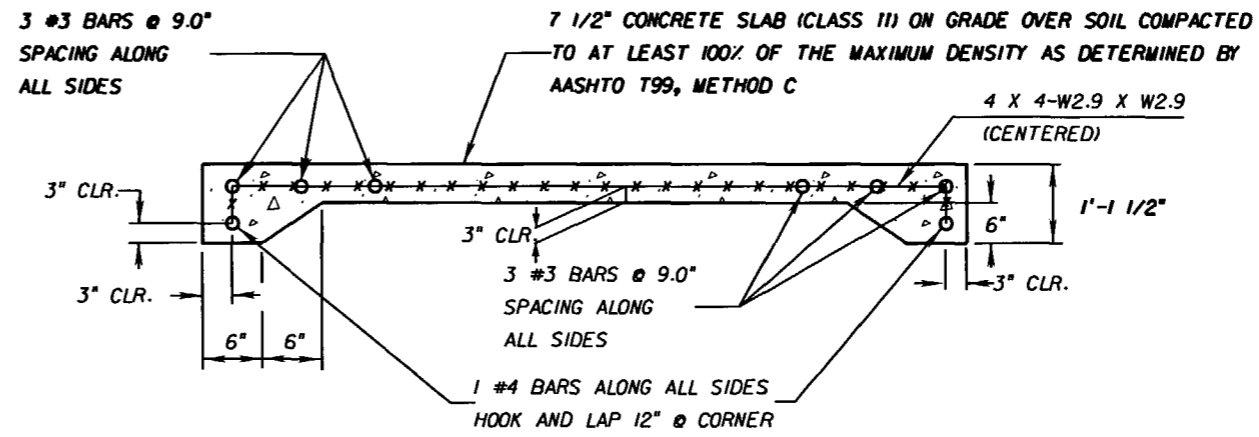
**SPECIAL DETAILS**  
**DRIVEWAYS**

SHEET NO.  
 165

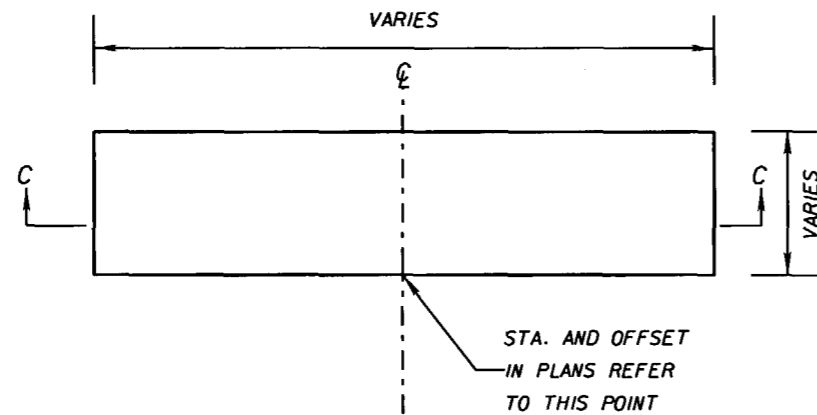
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



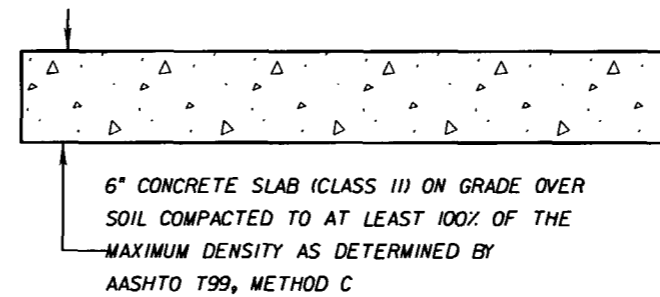
**BUS SHELTER PAD DETAIL**  
N.T.S.



**SECTION A-A**  
N.T.S.



**LANDING PAD DETAIL**  
N.T.S.



**SECTION C-C**  
N.T.S.

**NOTES:**

1. PLACE 1/2" EXPANSION JOINT WITH SEALER AT ALL SIDES ADJACENT TO EXISTING OR NEW SIDEWALK.
2. BUS SHELTER AND BENCH NOT INCLUDED IN THIS CONTRACT.
3. FOR LOCATIONS OF BUS SHELTER PADS AND LANDING PADS (WITH DIMENSIONS), REFER TO SUMMARY OF QUANTITIES.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**SPECIAL DETAILS**  
**BUS PADS**

SHEET NO.

166

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

MATERIALS AND RESEARCH

FINANCIAL PROJECT ID : 255853-1-52-01

DATE OF SURVEY: 9/2004  
 SURVEY MADE BY: I. SOKOLIC  
 SUBMITTED BY: WILLIAMS EARTH SCIENCES, INC.

DISTRICT: SEVEN  
 ROAD NO.: 45  
 COUNTY: HILLSBOROUGH

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA.: 101+30

SURVEY ENDS STA.: 262+30

STRATUM NO.	MOISTURE CONTENT		ORGANIC CONTENT		SIEVE ANALYSIS RESULTS % PASS							ATTERBERG LIMITS (%)			L.B.R. TEST		DESCRIPTION	CORROSION TEST RESULTS				
	NO. OF TESTS	% MOISTURE	NO. OF TESTS	% ORGANIC	NO. OF TESTS	4 MESH	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP	NO. OF TESTS		LBR VALUE	NO. OF TESTS	RESISTIVITY Ohms cm	CHLORIDE ppm	SULFATES ppm
1	11	4-12	1	1	11	-	100	92-98	69-89	33-45	3-8	0	-	-	A-3	0	-	3	>10,000	90-105	64-71	7.2-8.1
2	2	18	0	-	2	-	100	99	98	89	17-34	1	NP	NP	A-2-4	0	-	0	-	-	-	-

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE MAKE FINAL CHECK AFTER GRADING.

∇ = WATER TABLE ENCOUNTERED  
 GNE = GROUNDWATER NOT ENCOUNTERED

THE MATERIAL FROM STRATUM NUMBER 1 APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH INDEX 505 AND FOR PIPE WHEN UTILIZED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 125-4.4.

THE MATERIAL FROM STRATUM NUMBER 2 APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH INDEX 505 AND FOR PIPE WHEN UTILIZED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 125-4.4. HOWEVER, THIS MATERIAL IS LIKELY TO RETAIN MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT. IT SHOULD BE USED IN THE EMBANKMENT ABOVE WATER LEVEL EXISTING AT THE TIME OF CONSTRUCTION.

NOTES: Soil strata descriptions are ONLY for soil samples taken from the borings shown in these plans and are not to be considered as a guarantee of soil conditions other than at the EXACT LOCATIONS of those borings.

All test values were obtained from samples taken from one or more of the borings and are NOT intended to guarantee any test values other than an approximation at the locations of the borings.

Test values shown as a range of values may not include the high and/or low values for a specific stratum. During the process of the work, THE CONTRACTOR MIGHT ENCOUNTER SOILS HAVING TEST VALUES WHICH ARE HIGHER OR LOWER THAN THOSE TEST VALUES ABOVE. If there are any questions concerning the prevailing subsurface conditions, or any of the test values for any soil stratum, IT IS THE RESPONSIBILITY OF THE INDIVIDUAL RAISING THE QUESTION TO PERFORM HIS OWN SUBSURFACE INVESTIGATION.

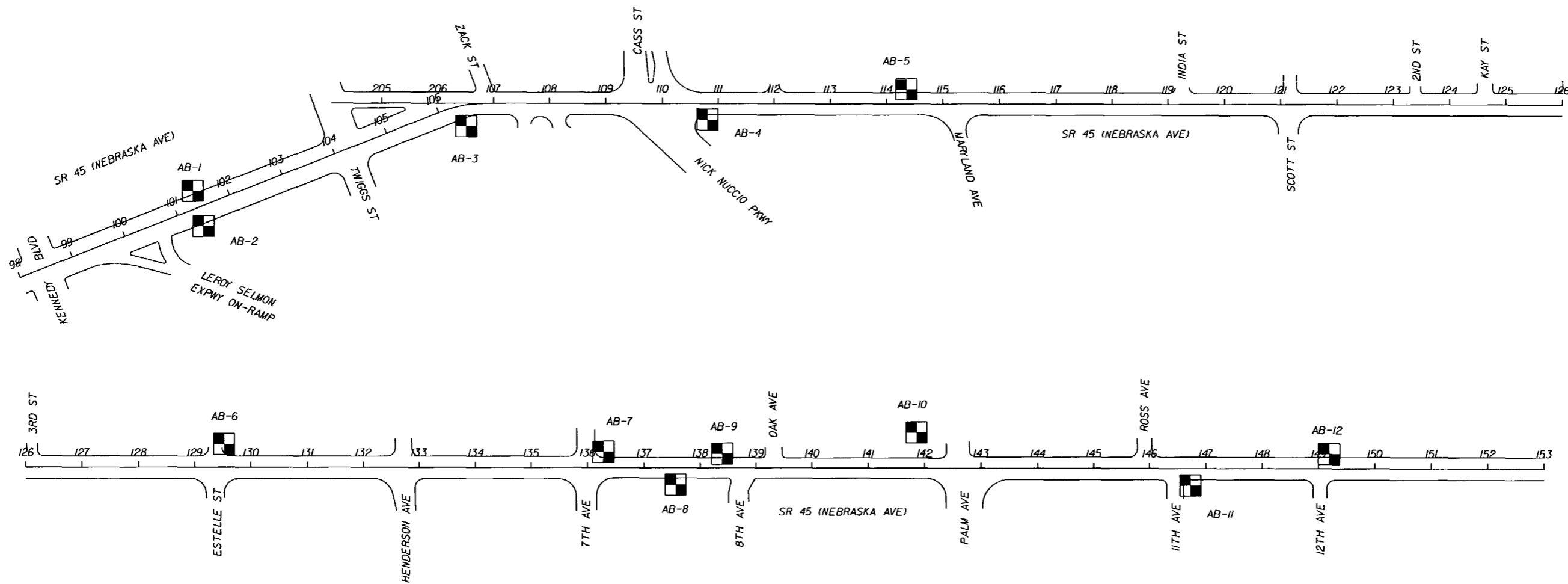
Boring logs may be seen at the MATERIALS OFFICE in Bartow. Arrangements must be made in advance of such inspections.

1303-576-05 SLSRRD01

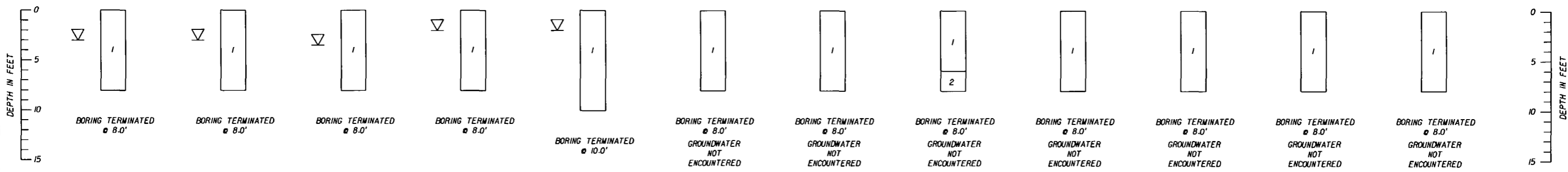
REVISIONS						ENGINEER OF RECORD WILLIAMS EARTH SCIENCES, INC. LAWRENCE D. SPEARS, P.E. #52105 10600 Endeavour Way Largo, Florida 33777 PHONE: 727-541-3444 C. A. 6378	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SOILS SURVEY	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 45	HILLSBOROUGH	255853-1-52-01		167

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.





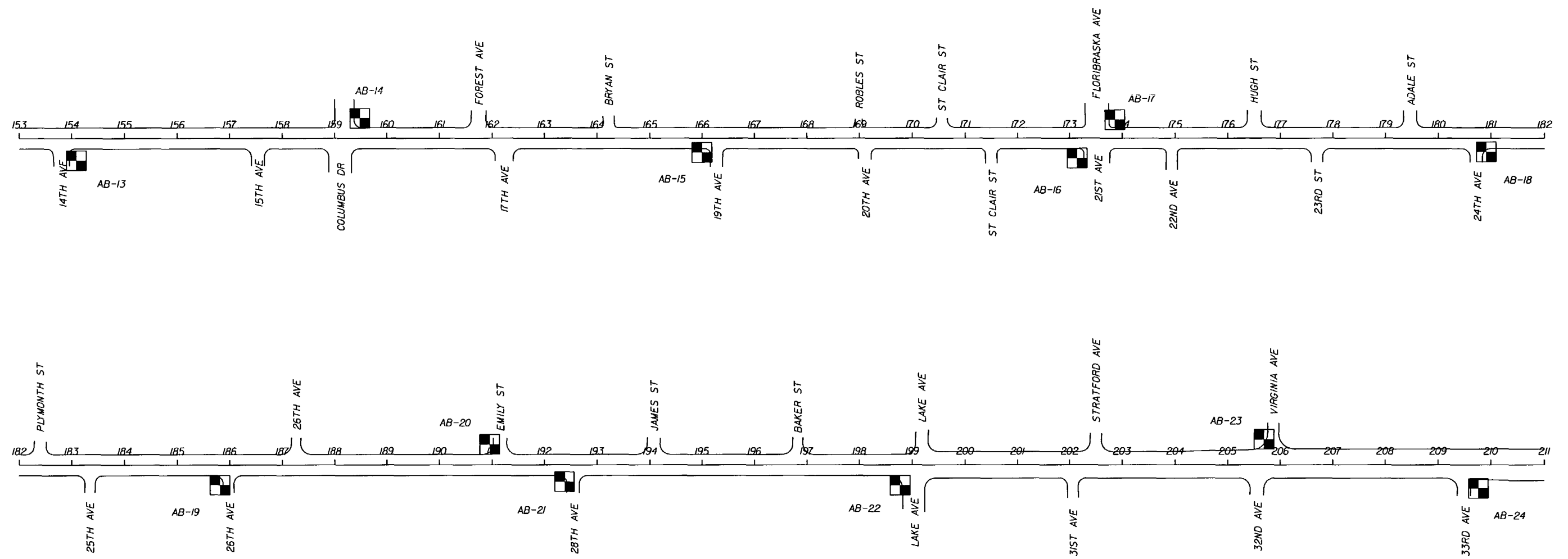
BORING NO. AB-1 STA. 101+30 OFFSET 30' LT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-2 STA. 101+25 OFFSET 35' RT BL SR 45 DATE 9/9/2004  
 BORING NO. AB-3 STA. 106+40 OFFSET 35' RT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-4 STA. 110+80 OFFSET 25' RT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-5 STA. 144+20 OFFSET 25' LT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-6 STA. 129+65 OFFSET 40' LT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-7 STA. 136+30 OFFSET 25' LT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-8 STA. 137+60 OFFSET 30' RT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-9 STA. 138+30 OFFSET 30' LT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-10 STA. 141+80 OFFSET 70' LT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-11 STA. 146+80 OFFSET 30' RT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-12 STA. 149+25 OFFSET 25' LT BL SR 45 DATE 9/8/2004



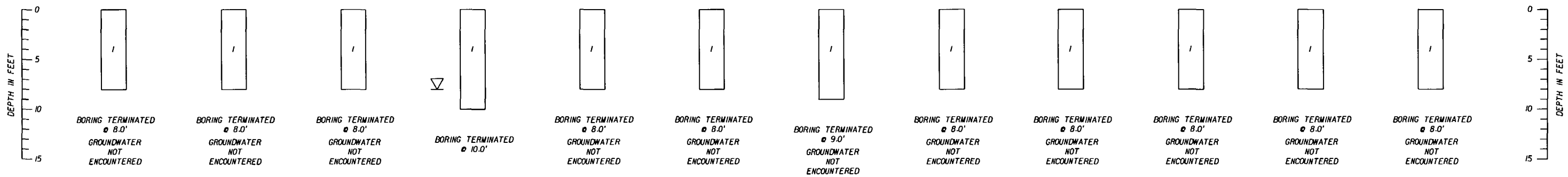
1303-576-05 SLBREM01

REVISIONS						ENGINEER OF RECORD WILLIAMS EARTH SCIENCES, INC. LAWRENCE D. SPEARS, P.E. #52105 10600 Endeavour Way Largo, Florida 33777 PHONE: 727-541-3444 C. A. 6378	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DRAINAGE STRUCTURES BORINGS</b>  SHEET NO. 168
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 45	HILLSBOROUGH	255853-1-52-01	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



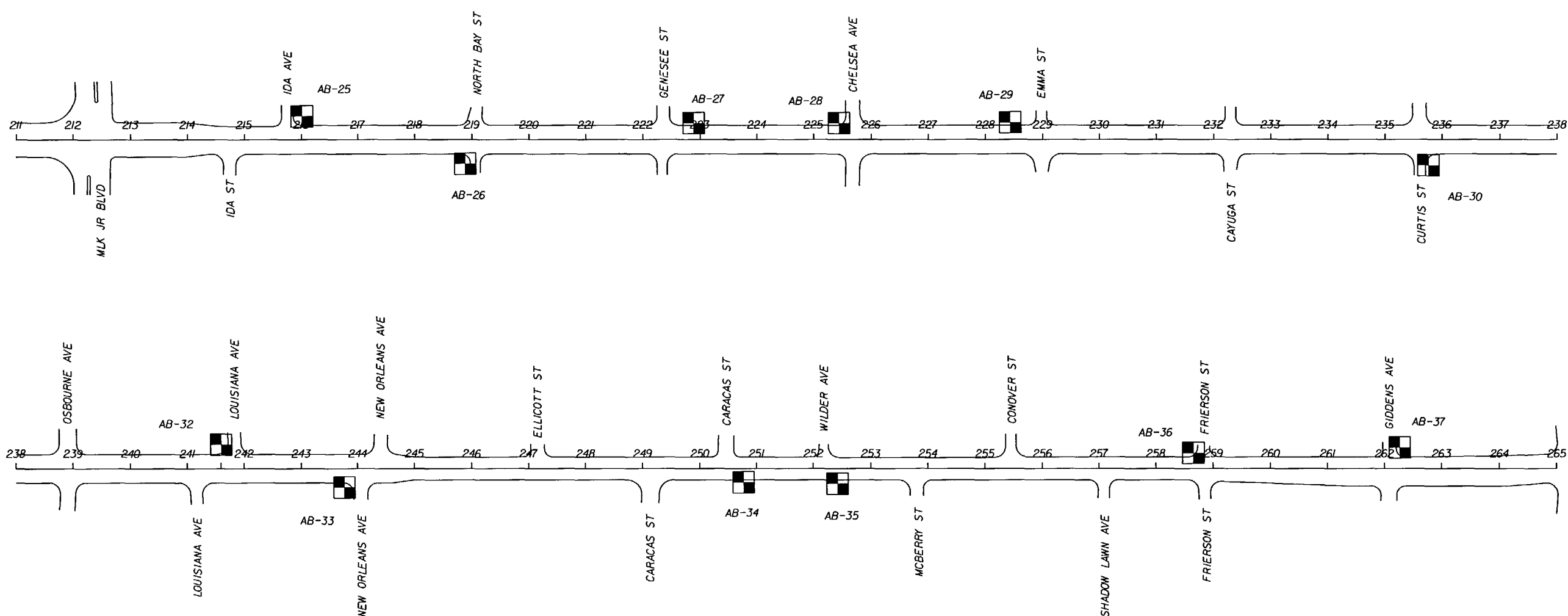
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 BORING NO. AB-14 STA. 159+50 OFFSET 35' RT BL SR 45 DATE 9/9/2004  
 BORING NO. AB-15 STA. 166+00 OFFSET 25' RT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-16 STA. 173+10 OFFSET 35' RT BL SR 45 DATE 9/9/2004  
 BORING NO. AB-17 STA. 173+70 OFFSET 30' LT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-18 STA. 180+90 OFFSET 25' RT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-19 STA. 185+90 OFFSET 40' RT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-20 STA. 190+95 OFFSET 40' LT BL SR 45 DATE 9/9/2004  
 BORING NO. AB-21 STA. 192+40 OFFSET 30' RT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-22 STA. 198+80 OFFSET 40' RT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-23 STA. 205+70 OFFSET 40' LT BL SR 45 DATE 9/8/2004  
 BORING NO. AB-24 STA. 209+80 OFFSET 40' RT BL SR 45 DATE 9/8/2004



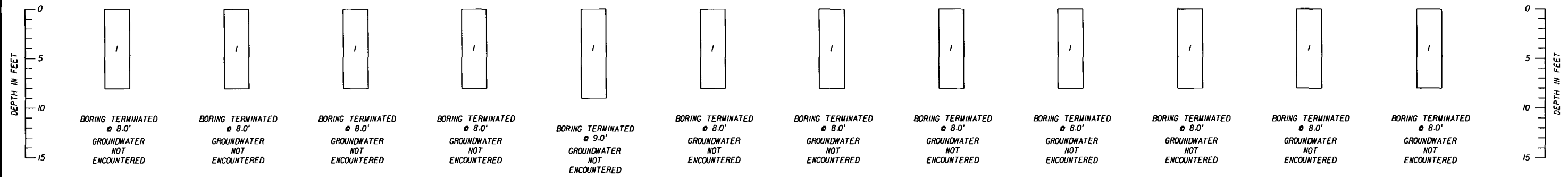
1303-576-05 SLBREMO2

REVISIONS						ENGINEER OF RECORD WILLIAMS EARTH SCIENCES, INC. LAWRENCE D. SPEARS, P.E. #52105 10600 Endeavour Way Largo, Florida 33777 PHONE: 727-541-3444 C. A. 6378	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DRAINAGE STRUCTURES BORINGS</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 45	HILLSBOROUGH	255853-1-52-01		169

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



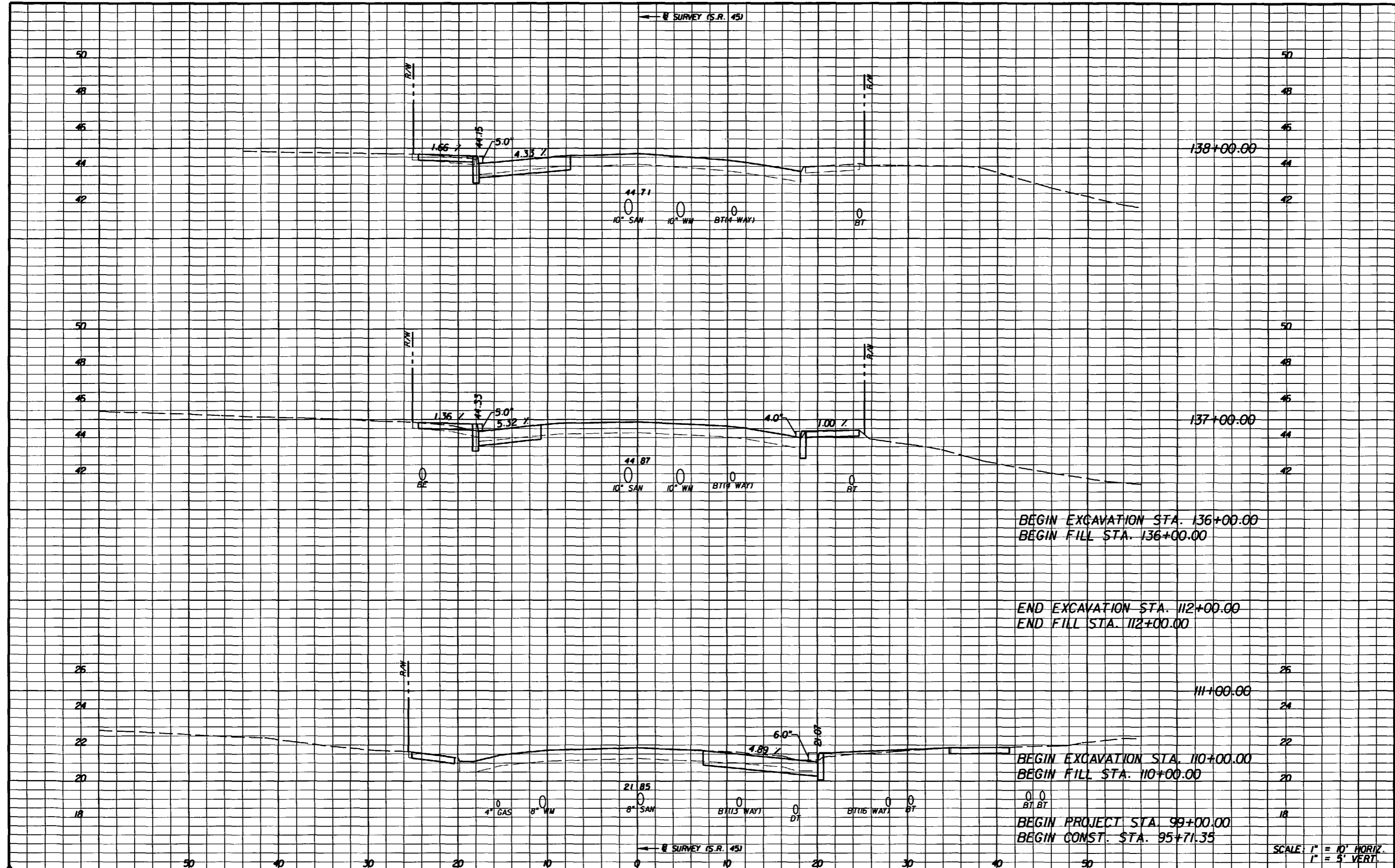
BORING NO. AB-25 STA. 216+00 OFFSET 30' LT BL SR 45 DATE 9/8/2004	BORING NO. AB-26 STA. 218+90 OFFSET 40' RT BL SR 45 DATE 9/8/2004	BORING NO. AB-27 STA. 222+90 OFFSET 40' RT BL SR 45 DATE 9/8/2004	BORING NO. AB-28 STA. 225+50 OFFSET 30' LT BL SR 45 DATE 9/8/2004	BORING NO. AB-29 STA. 228+45 OFFSET 30' LT BL SR 45 DATE 9/8/2004	BORING NO. AB-30 STA. 235+80 OFFSET 45' RT BL SR 45 DATE 9/8/2004	BORING NO. AB-32 STA. 241+60 OFFSET 40' LT BL SR 45 DATE 9/9/2004	BORING NO. AB-33 STA. 243+85 OFFSET 30' RT BL SR 45 DATE 9/8/2004	BORING NO. AB-34 STA. 250+80 OFFSET 25' RT BL SR 45 DATE 9/8/2004	BORING NO. AB-35 STA. 252+50 OFFSET 25' RT BL SR 45 DATE 9/8/2004	BORING NO. AB-36 STA. 258+65 OFFSET 30' LT BL SR 45 DATE 9/9/2004	BORING NO. AB-37 STA. 262+30 OFFSET 35' LT BL SR 45 DATE 9/9/2004
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1303-576-05 SLBREM03

REVISIONS						ENGINEER OF RECORD WILLIAMS EARTH SCIENCES, INC. LAWRENCE D. SPEARS, P.E. #52105 10600 Endeavour Way Largo, Florida 33777 PHONE: 727-541-3444 C. A. 6378	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DRAINAGE STRUCTURES BORINGS</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 45	HILLSBOROUGH	255853-1-52-01		170

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



BEGIN EXCAVATION STA. 136+00.00  
 BEGIN FILL STA. 136+00.00

END EXCAVATION STA. 112+00.00  
 END FILL STA. 112+00.00

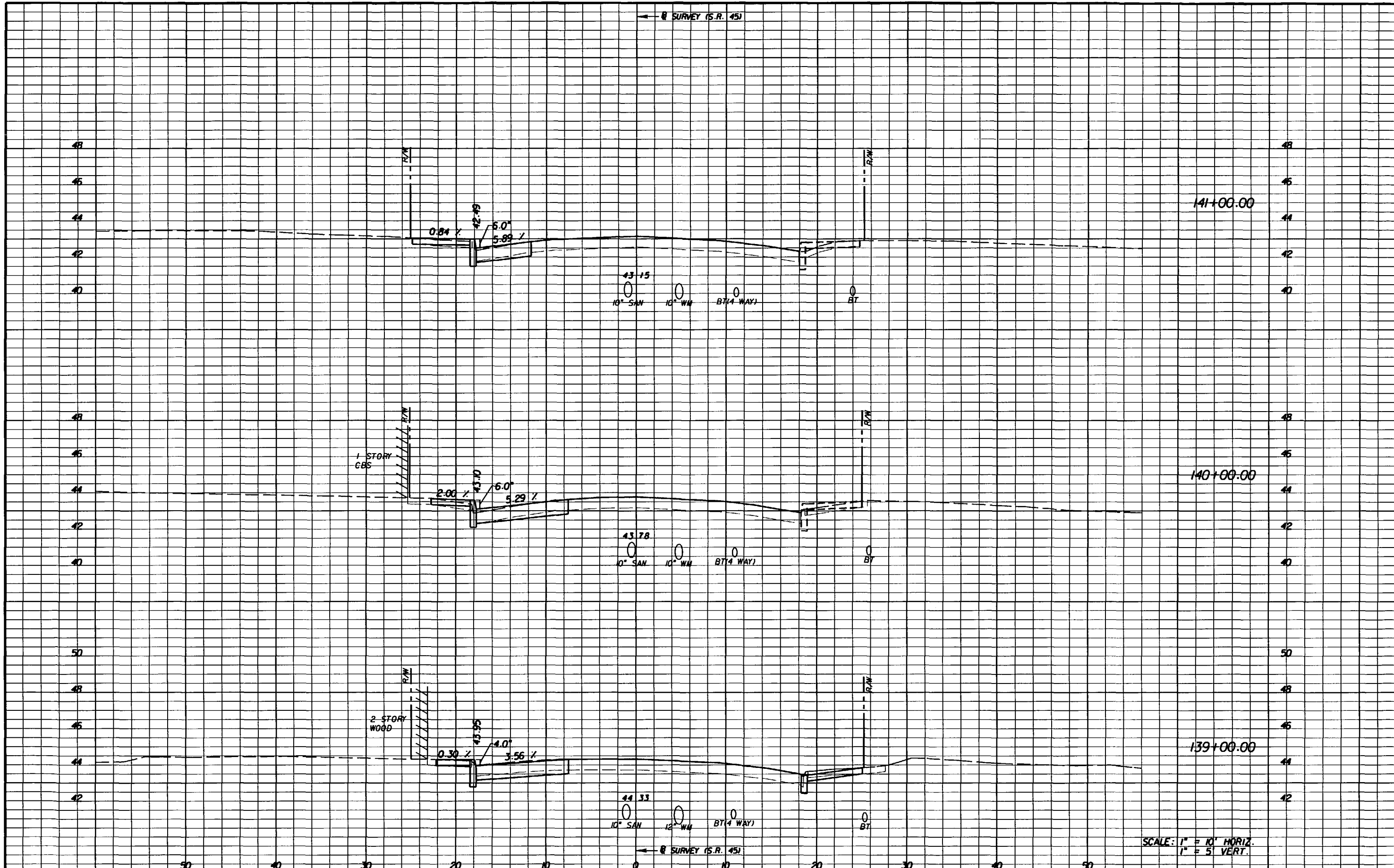
BEGIN EXCAVATION STA. 110+00.00  
 BEGIN FILL STA. 110+00.00

BEGIN PROJECT STA. 99+00.00  
 BEGIN CONST. STA. 95+71.35

SCALE: 1" = 10' HORIZ.  
 1" = 5' VERT.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2 style="margin: 0;">ROADWAY CROSS SECTIONS</h2>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		171
						S.R. 45	HILLSBOROUGH	255853-1-52-01			



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

## ROADWAY CROSS SECTIONS

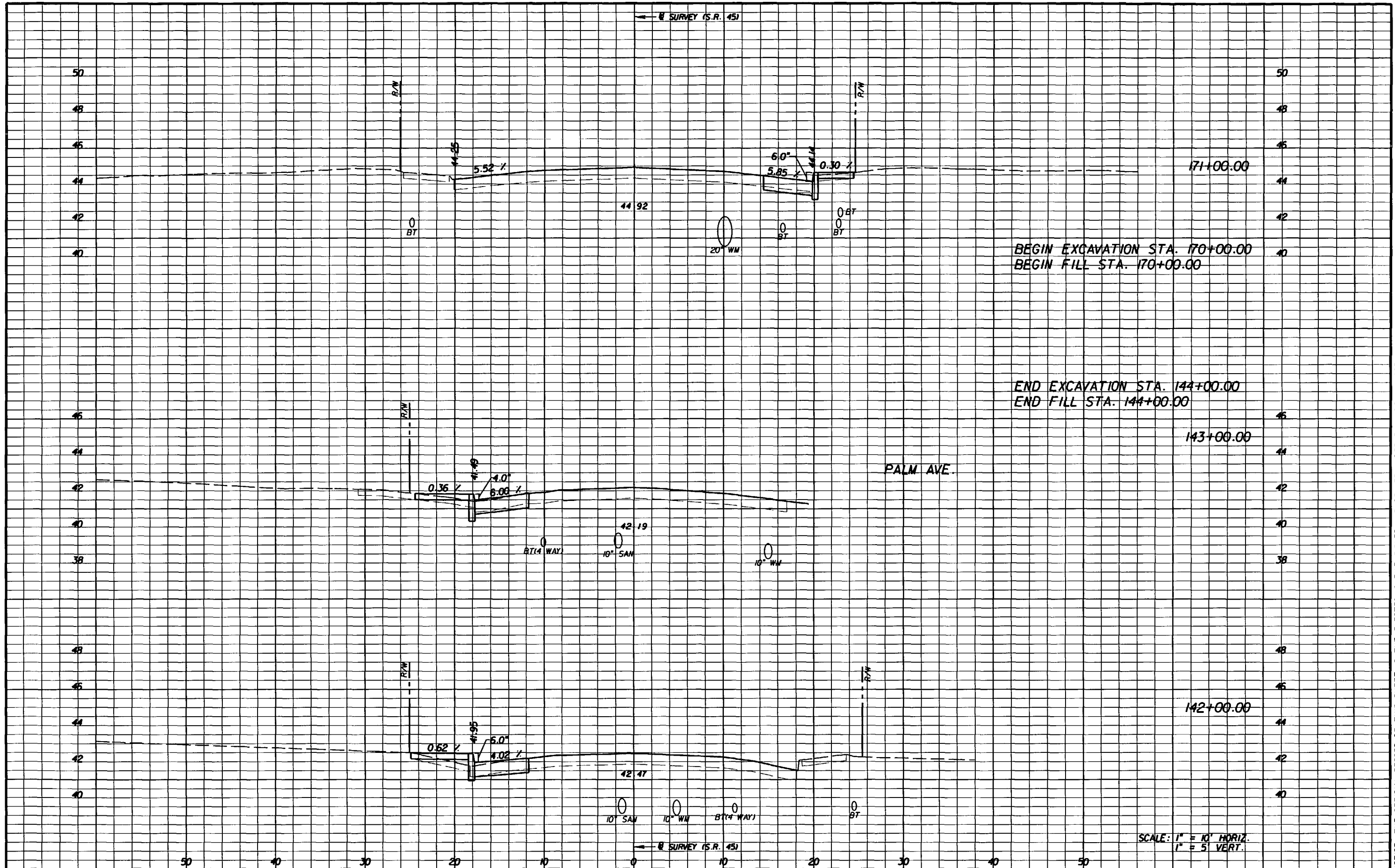
SHEET NO.  
172

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G5-23.003, F.A.C.

← SURVEY (S.R. 45)

← SURVEY (S.R. 45)



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

DATE		BY		DESCRIPTION		DATE		BY		DESCRIPTION	

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

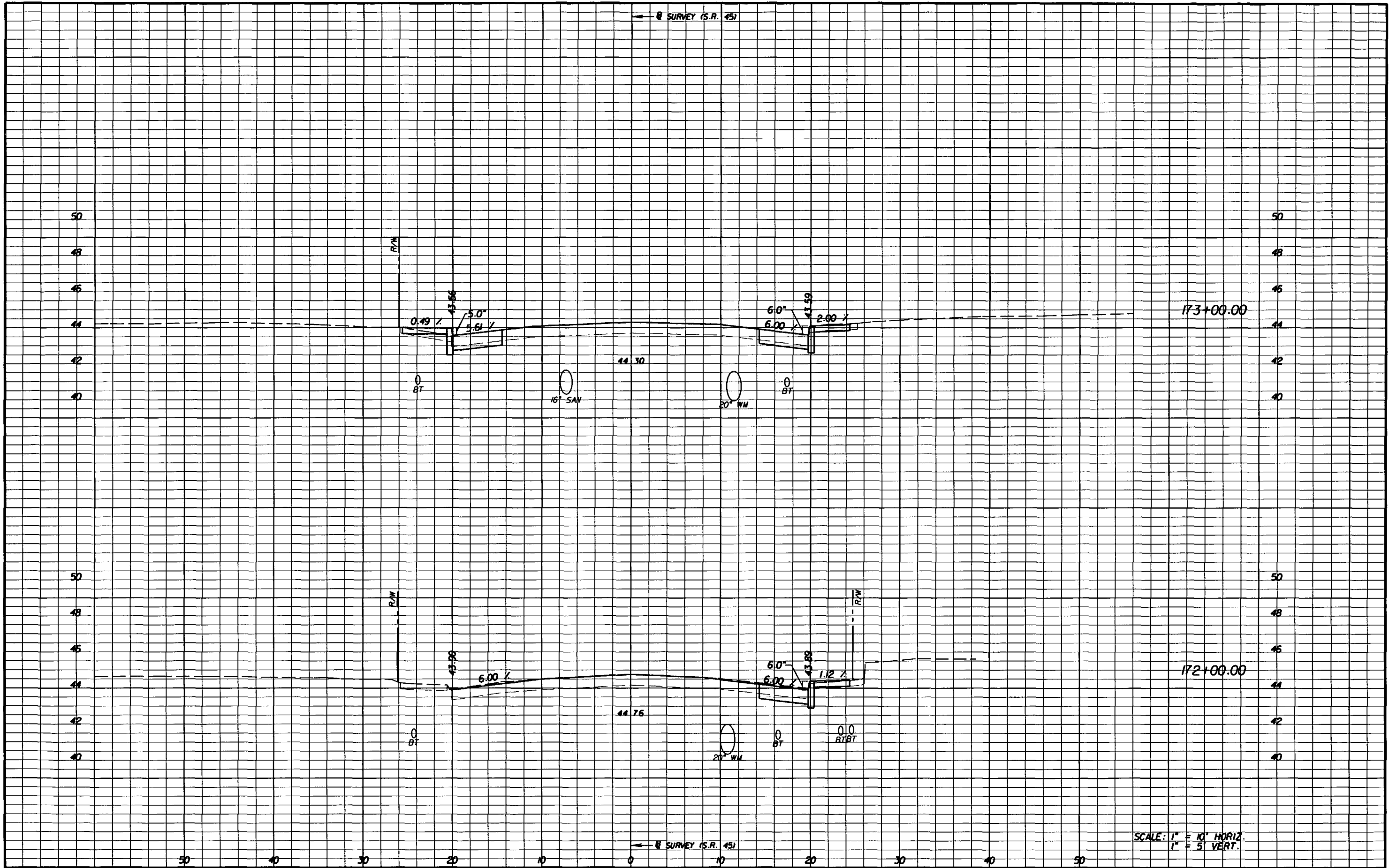
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

ROADWAY CROSS SECTIONS

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

SHEET NO.  
173





SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

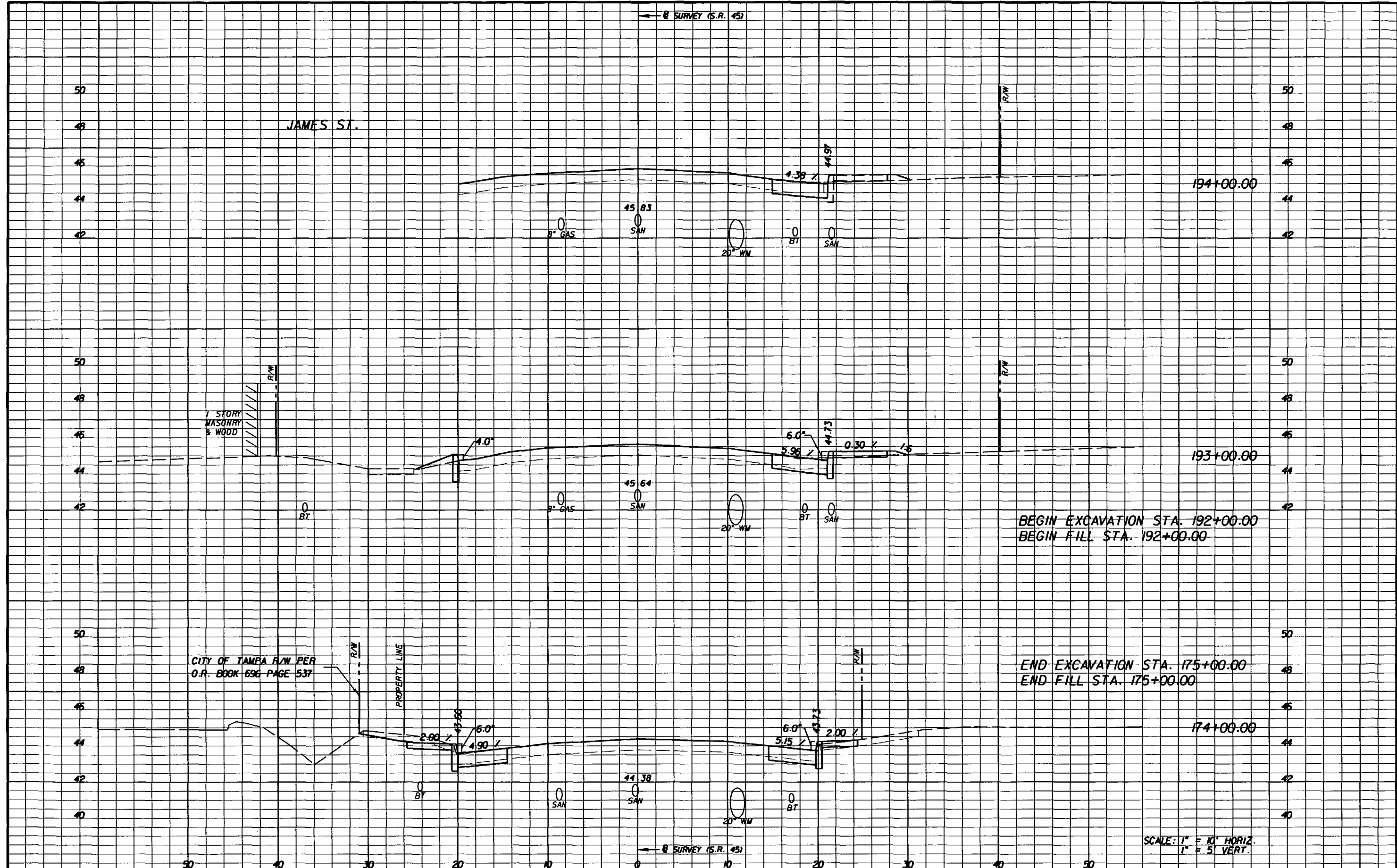
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

## ROADWAY CROSS SECTIONS

SHEET NO.  
174

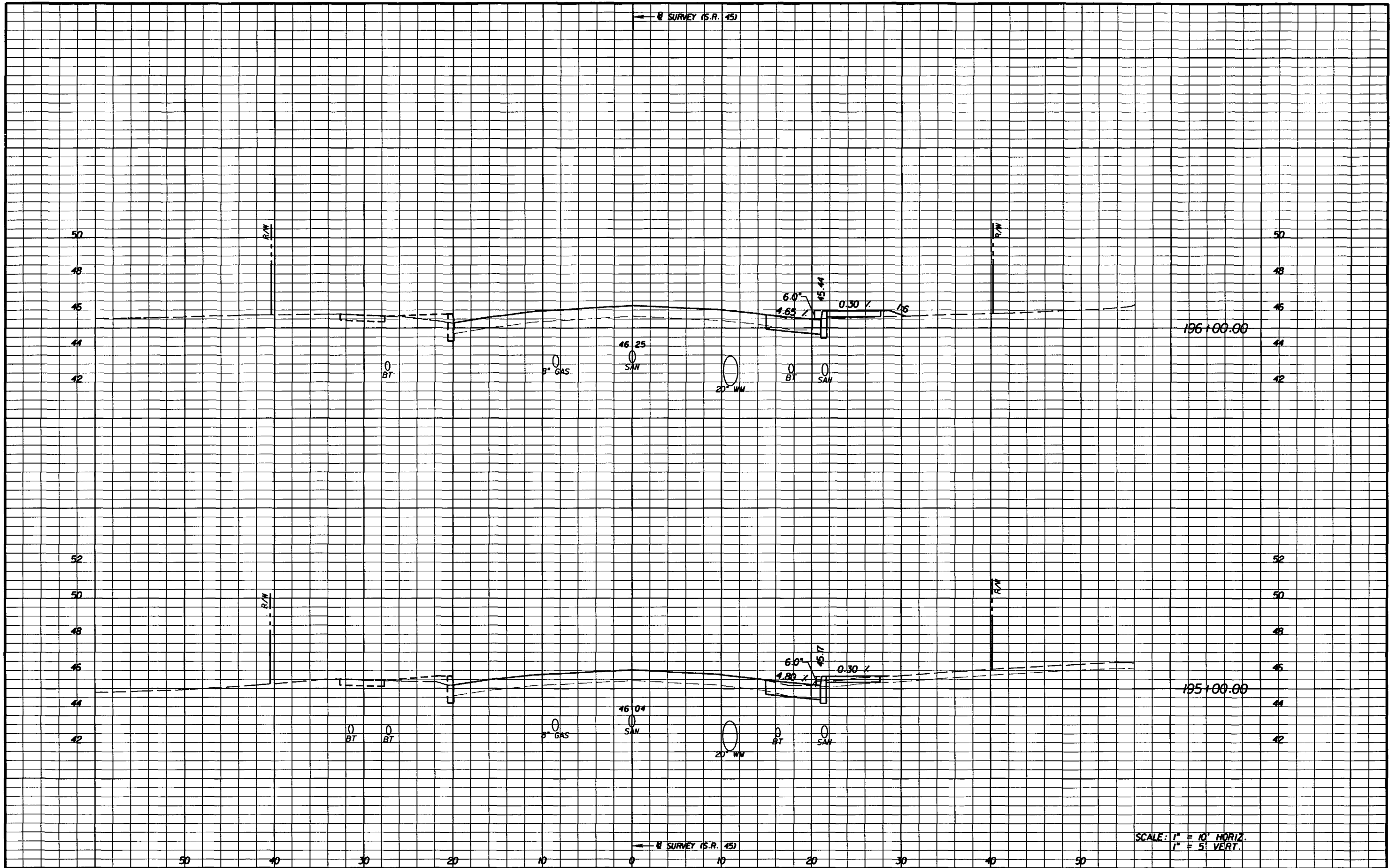
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-23.003, F.A.C.



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REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>ROADWAY CROSS SECTIONS</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		175

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

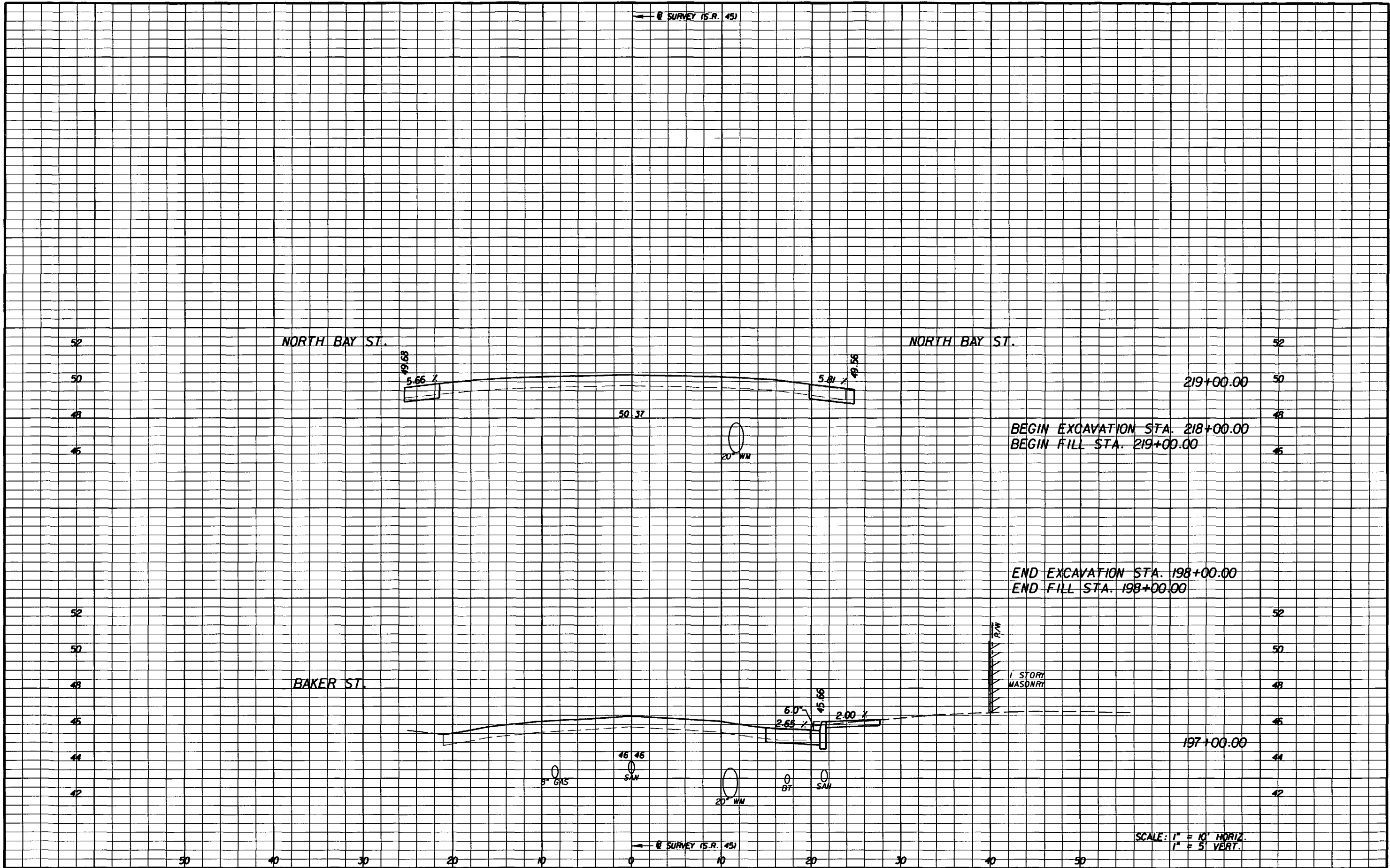
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**ROADWAY CROSS SECTIONS**

SHEET NO.  
176

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

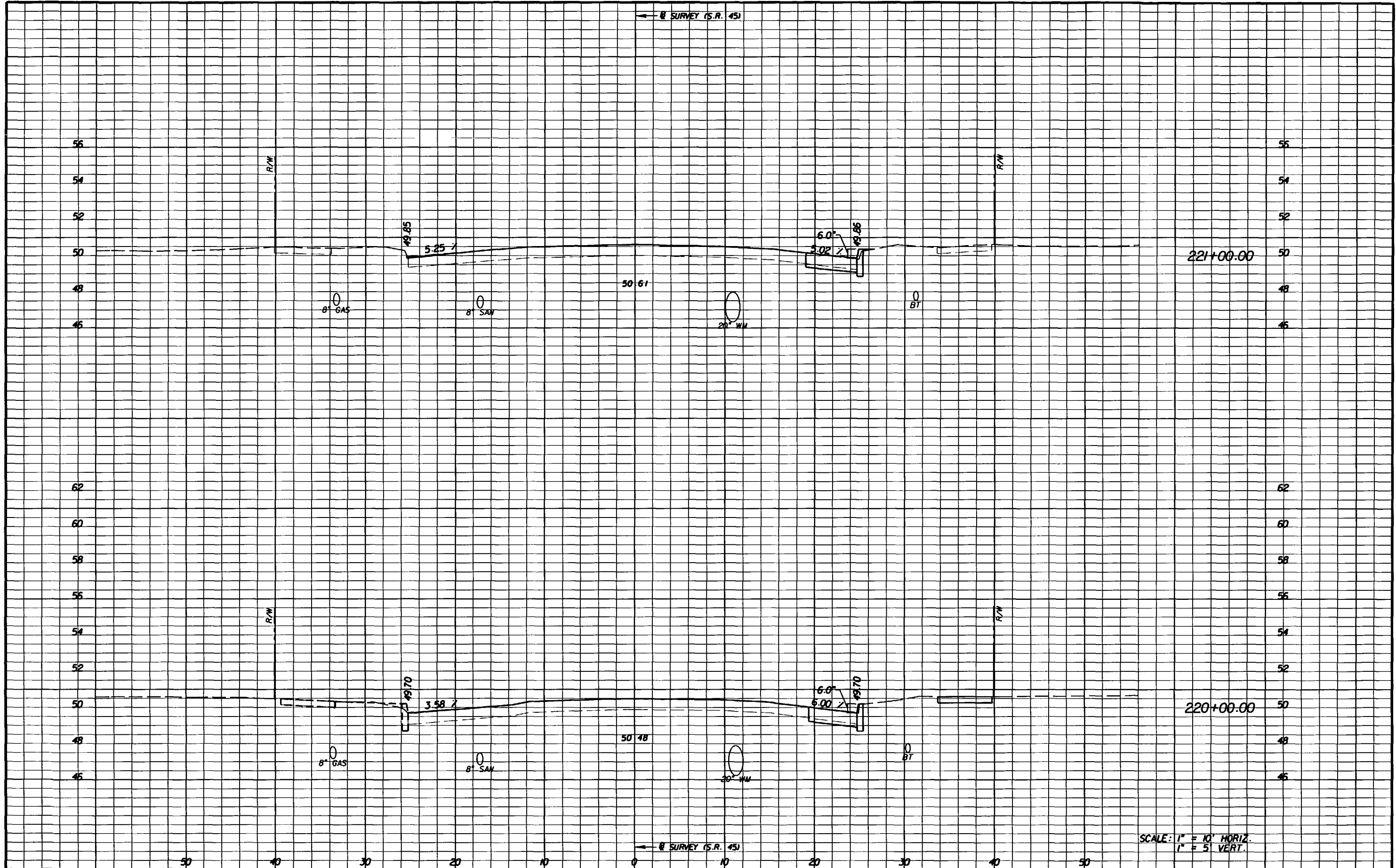
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REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2 style="margin: 0;">ROADWAY CROSS SECTIONS</h2>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		177
						S.R. 45	HILLSBOROUGH	255853-1-52-01			

SCALE: 1" = 10' HORIZ.  
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REVISIONS			
DATE	BY	DESCRIPTION	

G. BRITTON HARDY  
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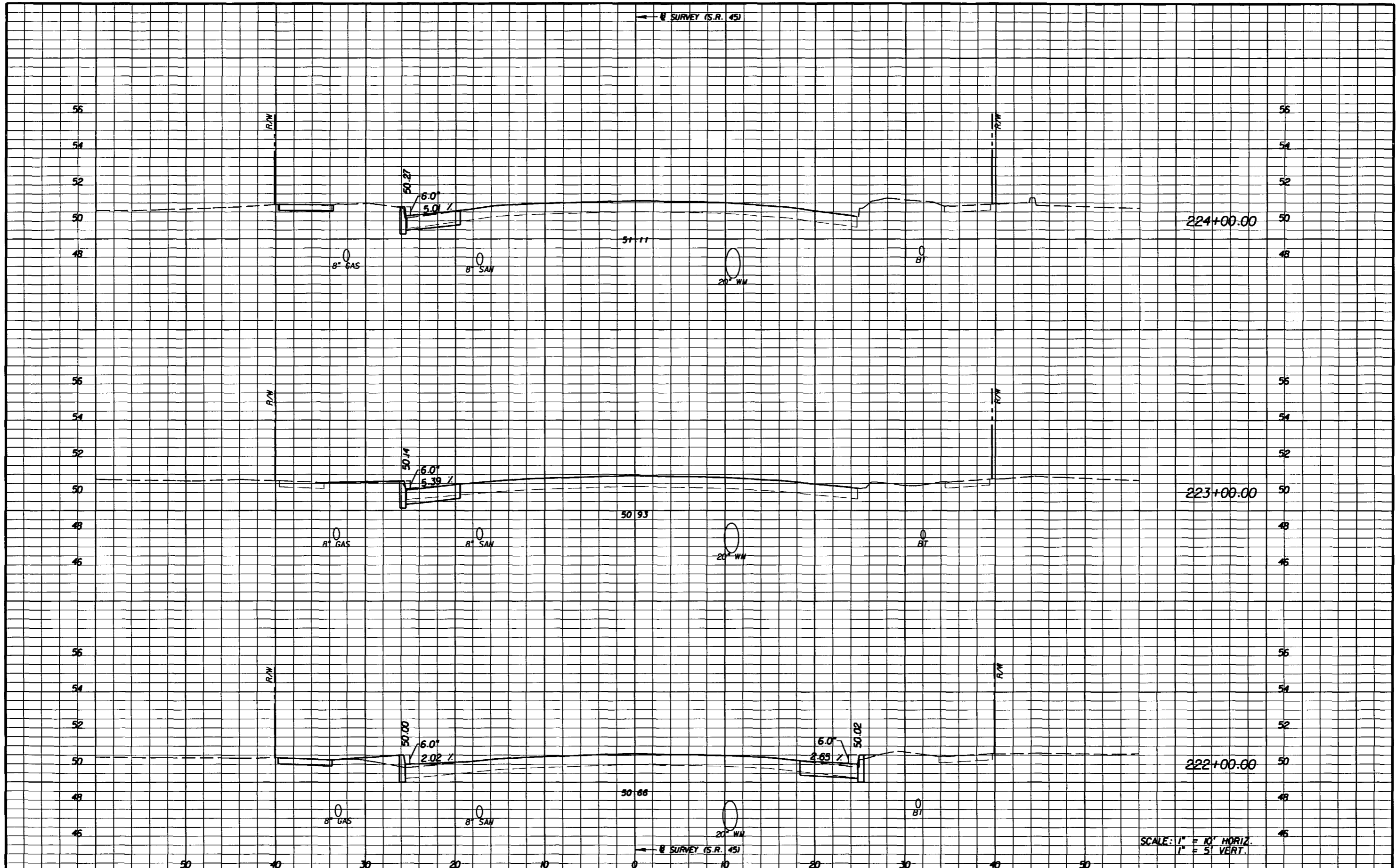
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**ROADWAY CROSS SECTIONS**

SHEET NO.  
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SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

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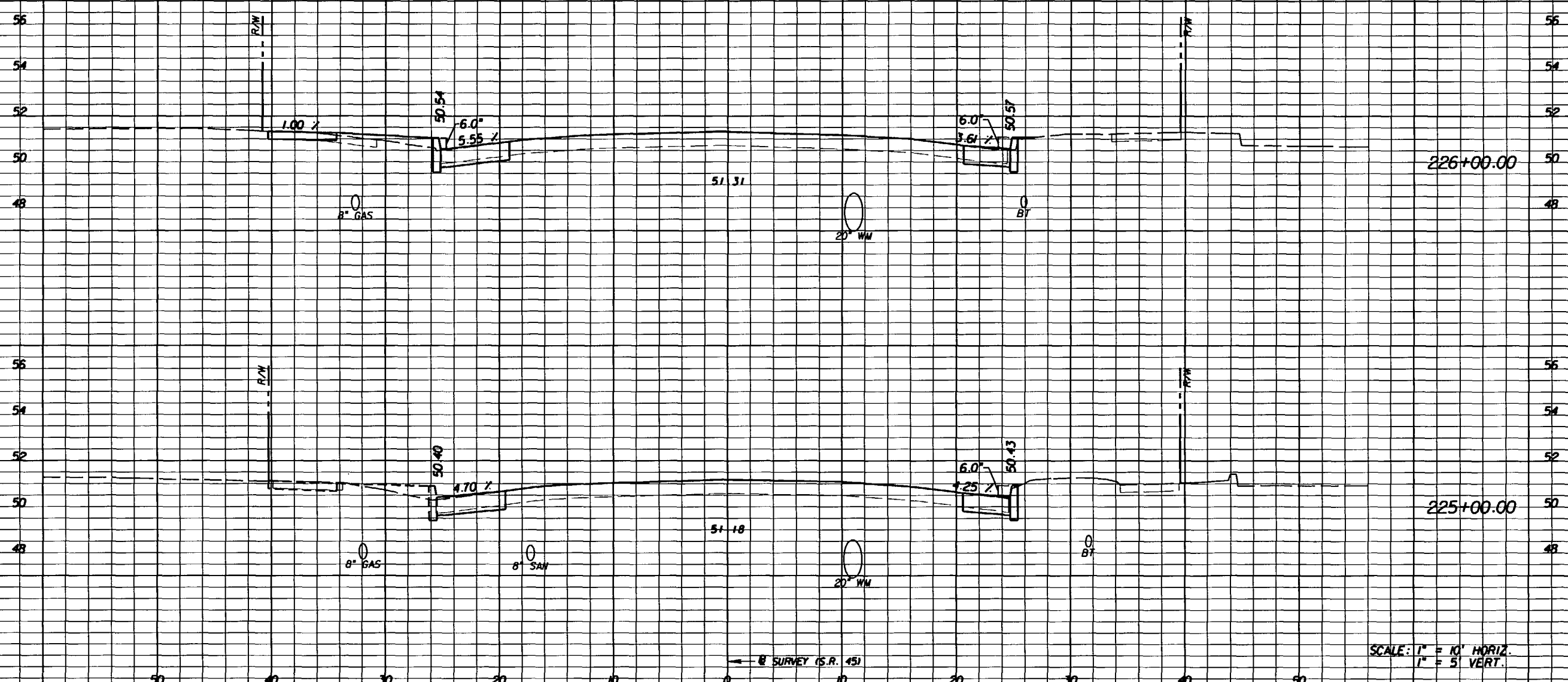
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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		179
						S.R. 45	HILLSBOROUGH	255853-1-52-01			



← SURVEY (S.R. 45)



← SURVEY (S.R. 45)

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

DATE		BY		DESCRIPTION	

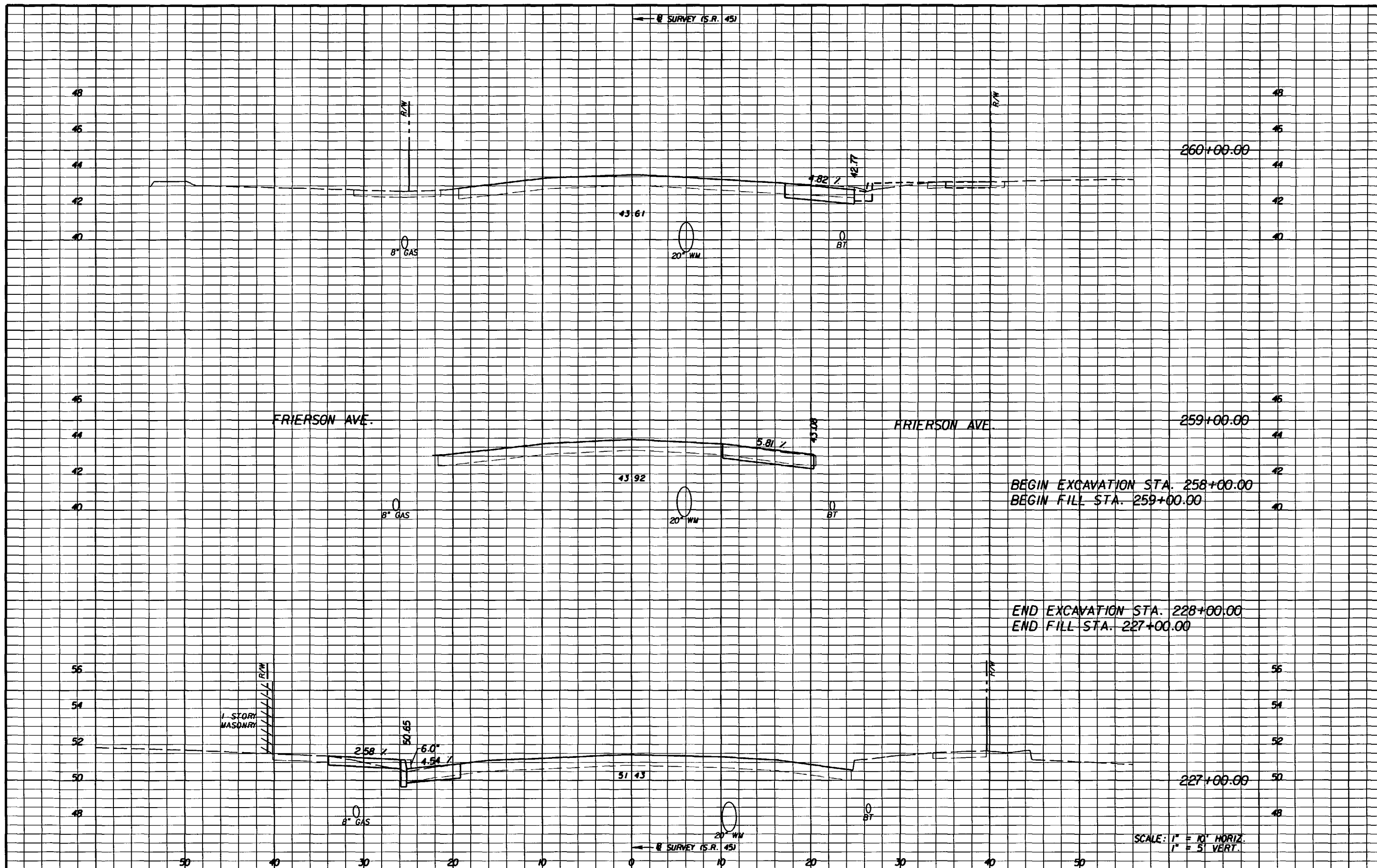
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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**ROADWAY CROSS SECTIONS**

SHEET NO.  
180

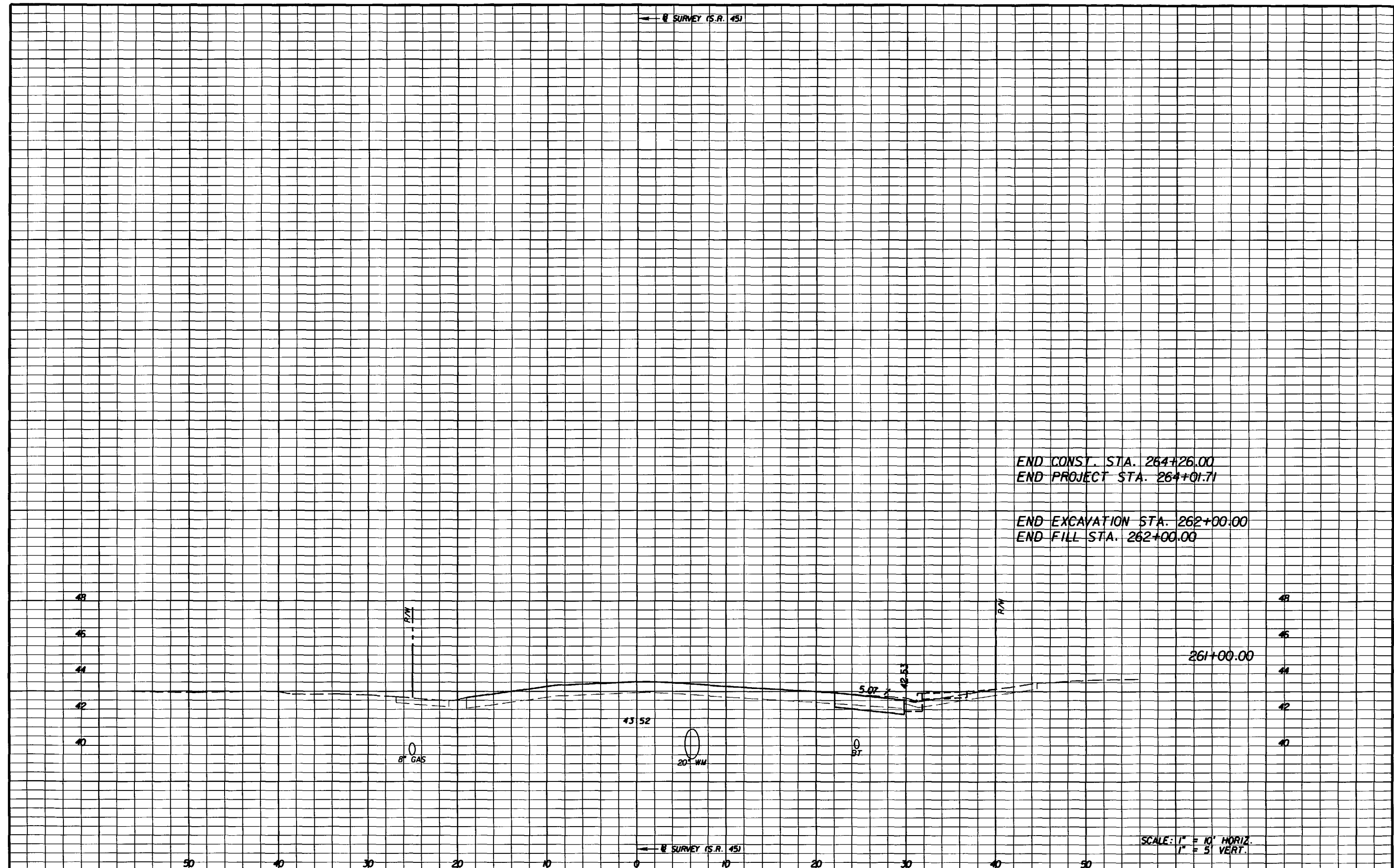
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REVISIONS		REVISIONS		G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2 style="margin: 0;">ROADWAY CROSS SECTIONS</h2>	SHEET NO.  181
DATE	BY	DESCRIPTION	DATE		BY	DESCRIPTION	ROAD NO.		
						S.R. 45	HILLSBOROUGH	255853-1-52-01	

← SURVEY (S.R. 45)



END CONST. STA. 264+26.00  
 END PROJECT STA. 264+01.71

END EXCAVATION STA. 262+00.00  
 END FILL STA. 262+00.00

261+00.00

← SURVEY (S.R. 45)

SCALE: 1" = 10' HORIZ.  
 1" = 5' VERT.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
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 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**ROADWAY CROSS SECTIONS**

SHEET NO.  
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**1.a. Nature of Construction Activity:**

The project involves the restoration, rehabilitation, resurfacing of SR 45 (Nebraska Avenue) from Kennedy Blvd. to Hillsborough Avenue. SR 45 is a four-lane undivided urban section of roadway. This project will involve reconstruction of the outside lanes in both north and south directions at selected areas as shown in the plans, resurfacing the existing pavement, replacing curb and gutter, sidewalk, and underground utilities. The project is in Hillsborough County and extends a distance of approximately 3.12 miles.

**1.b. Sequence of Major Soil Disturbing Activities:**

In the Section 104 Erosion Control Plan, the contractor shall provide a detailed sequence of construction for all construction activities. The contractor shall follow the sequence of major activities described below, unless the contractor proposes a different sequence that is equal or better at controlling erosion and trapping sediment and is approved by the Engineer.

For each construction phase, install controls after clearing and grubbing necessary for installation of controls but before beginning other work for the construction phase. Remove controls only after all upstream areas are stabilized.

1. Clearing and grubbing of the outside lanes for reconstruction of the pavement, driveway and sidewalk reconstruction. Earthwork associated with reconstruction of the lanes to include base and structural course.
2. Clearing and grubbing for storm sewer construction. Construct the storm drain pipe in the upstream direction.
3. Earthwork associated with construction of curb and gutter, driveways, drainage improvements and sidewalk.

**1.c. Area Estimates:**

Total site area: 27 acres.  
Total area to be disturbed: 1.3 acres.

**1.d. Runoff Data:**

**Runoff Coefficients:**  
Before: 0.88  
During: No additional pavement is proposed, therefore the runoff coefficients will not change in the before and after scenario.  
After: 0.88

**Soils Data:** Results of soil borings taken along the roadway are shown in the Soil Survey Report and are generally tan to gray fine sands.

**Outfall Information:** There are 5 urban outfalls within the project limits.

**Outfall # 1-**proposed 18 inch stormsewer to connect to existing 24 inch outfall stormsewer within Palm Avenue.

**Location:** Latitude 27 deg 57' 43", Longitude 82 deg 27' 04".

**Receiving Water Name:**Hillsborough River

**Outfall # 2-**proposed 24 inch stormsewer to connect to existing 24 inch outfall stormsewer within 11th Avenue.

**Location:** Latitude 27 deg 57' 37", Longitude 82 deg 27' 03".

**Receiving Water Name:**Hillsborough River

**Outfall # 3-**proposed 18 inch stormsewer to connect to existing outfall within 28th Avenue.

**Location:** Latitude 27 deg 58' 47", Longitude 82 deg 27' 03".

**Receiving Water Name:**Hillsborough River

**Outfall # 4-**proposed 24 inch stormsewer to connect to existing outfall within North Bay Street.

**Location:** Latitude 27 deg 58' 57", Longitude 82 deg 27' 03".

**Receiving Water Name:**Hillsborough River

**Outfall # 5-**proposed 24 inch stormsewer to connect to existing outfall within Chelsea St.

**Location:** Latitude 27 deg 59' 06", Longitude 82 deg 27' 04".

**Receiving Water Name:**Hillsborough River

REVISIONS						D. DWAYNE KILE P.E. LICENSE NUMBER 43794 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLANS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		183

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**i.e. Site Map:**

The construction plans are being used as the site maps. The location of the required information is described below. The sheet numbers for the plan sheets referenced are identified on the Key Sheet of these construction plans.

- \* **Drainage Patterns:** The drainage basin divides and flow directions will not be changed in the proposed conditions. The cross section sheets show overland flow direction at the right of way line.
- \* **Approximate Slopes:** The slopes of the site can be seen in the Cross Section Sheets, the Plan Sheets and Typical Section.
- \* **Areas Of Soil Disturbance:** The areas to be disturbed are indicated on the Plan Sheets and the Cross Section Sheets. Any areas where permanent features are shown to be constructed above or below ground will be disturbed.
- \* **Areas Not To Be Disturbed:** Only the outside lanes, stormsewer pipe trenches, driveways and sidewalk reconstruction areas will be disturbed during construction.
- \* **Locations of Temporary Controls:** Temporary erosion and sediment control will be provided by the use of polyacrylamide.
- \* **Locations of Permanent Controls:** Tables providing summaries of permanent controls are provided in the Summary of Quantity sheets. The existing stormsewer outfalls will provide permanent controls.
- \* **Areas To Be Stabilized:** No temporary stabilization practices are anticipated. Permanent stabilization is shown on the Typical Section Sheets and the Plan Sheets.
- \* **Surface Waters:** There are no surface waters on site.
- \* **Discharge Points To Surface Waters:** There are no discharge points to surface waters on site.

**i.f. Receiving Waters:**

See Item i.d for the outfall locations and receiving water names. There are no wetland areas on the project site.

**2.0 CONTROLS:**

**2.a. Erosion And Sediment Controls:**

In the Section 104 Erosion Control Plan, the contractor shall describe the proposed stabilization and structural practices based on the contractor's proposed Traffic Control Plan. As work progresses, the contractor shall modify the plan to adapt to seasonal variation, changes in construction activities, and the need for better practices.

The contractor is responsible for all application fees to secure permit for the NPDES in accordance with Florida Statute (F.S. 62-621). Please call the NPDES Stormwater Notices Center at (866) 336-6312 or (850) 297-1232 for current fee schedule.

For each construction phase, install controls after clearing and grubbing necessary for installation of controls but before beginning other work for the construction phase. Remove controls only after all upstream areas are stabilized.

**2.a.1 Stabilization Practices:**

In the Section 104 Erosion Control Plan, the contractor shall describe the stabilization practices proposed to control erosion. The contractor shall initiate all stabilization measures as soon as practical, but in no case more than 14 days, in portions of the site where construction activities have temporarily or permanently ceased. The stabilization practices shall include at least the following, unless otherwise approved by the Engineer.

**Temporary:**

- \* **Temporary mulching - Chemical adhesive soil runoff stabilizer (polyacrylamide)** shall be used when construction activity has ended for the day where all runoff will drain off site. The manufacturer's representative for polyacrylamide product shall be consulted prior to application and be present during initial application to ensure proper use of product.

**Permanent:**

- \* **Asphalt or concrete surface.**
- \* **Sod in accordance with Specification Section 575.**

**2.a.2 Structural Practices:**

In the Section 104 Erosion Control Plan, the contractor shall describe the proposed structural practices to control or trap sediment and otherwise prevent the discharge of pollutants from exposed areas of the site. Sediment controls shall be in place before disturbing soil upstream of the control. The structural practices shall include at least the following, unless otherwise approved by the Engineer.

**Temporary:**

- \* **Rockbags to control erosion and trap silt at inlets.**
- \* **Inlet protection in accordance with Design Standard 102.**

**Permanent:**

- \* **Sod.**

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**2.b Stormwater Management:**

Stormwater conveyed by the existing and proposed stormsewer system will convey runoff to the outfalls existing on site. No changes are anticipated to the stormwater drainage patterns or basins.

**2.c Other Controls:**

**2.c.1 Waste Disposal:**

In the Section 104 Erosion Control Plan, the contractor shall describe the proposed methods to prevent the discharge of solid materials, including building materials, to waters of the United States. The proposed methods shall include at least the following, unless otherwise approved by the Engineer.

- \* Providing litter control and collection within the project during construction activities.
- \* Disposing of all fertilizer or other chemical containers according to EPA's standard practices as detailed by the manufacturer.
- \* Disposing of solid materials including building and construction materials off the project site but not in surface waters, or wetlands.

**2.c.2 Offsite Vehicle Tracking & Dust Control:**

In the Section 104 Erosion Control Plan, the contractor shall describe the proposed methods for minimizing offsite vehicle tracking of sediments and generating dust. The proposed methods shall include at least the following, unless otherwise approved by the Engineer.

- \* Covering loaded haul trucks with tarpaulins.
- \* Removing excess dirt from roads daily.

**2.c.3 State and Local Regulations For Waste Disposal, Sanitary Sewer, Or Septic Tank Regulations:**

In the Section 104 Erosion Control Plan, the contractor shall describe the proposed procedures to comply with applicable state and local regulations for waste disposal, and sanitary sewer or septic systems.

**2.c.4 Fertilizers and Pesticides:**

In the Section 104 Erosion Control Plan, the contractor shall describe the procedures for applying fertilizers and pesticides. The proposed procedures shall comply with applicable subsections of either Section 570 or 577 of the Specifications.

**2.c.5 Toxic Substances:**

In the Section 104 Erosion Control Plan, the contractor shall provide a list of toxic substances that are likely to be used on the job and provide a plan addressing the generation, application, migration, storage, and disposal of these substances.

**2.d.4 Approved State and Local Plans and Permits:**

- \* No environmental permits are anticipated for this project.

**3.0 MAINTENANCE:**

In the Section 104 Erosion Control Plan, the contractor shall provide a plan for maintaining all erosion and sediment controls throughout construction. The maintenance plan shall at a minimum, comply with the following.

- \* Rock bags: Replace when no longer providing erosion control

**4.0 INSPECTIONS:**

Qualified personnel shall inspect the following items at least once every seven calendar days and within 24 hours of the end of a storm that is 0.50 inches or greater. To comply, the contractor shall install and maintain rain gages and record the daily rainfall. Where sites have been permanently stabilized, inspections shall be conducted at least once every month. The contractor shall also inspect that controls installed in the field agree with the latest Stormwater Pollution Prevention Plan.

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- \* Points of discharge to waters of the United States.
- \* Points of discharge to municipal separate storm sewer systems.
- \* Disturbed areas of the site that have not been finally stabilized.
- \* Areas used for storage of materials that are exposed to precipitation.
- \* Structural controls.
- \* Stormwater management systems.
- \* Locations where vehicles enter or exit the site.

The contractor shall initiate repairs within 24 hours of inspections that indicate items are not in good working order.

If inspections indicate that the installed stabilization and structural practices are not sufficient to minimize erosion, retain sediment, and prevent discharging pollutants, the contractor shall provide additional measures, as approved by the Engineer.

**5.0 NON-STORMWATER DISCHARGES:**

In the Section 104 Erosion Control Plan, the contractor shall identify all anticipated non-stormwater discharges (except flows from fire fighting activities). The contractor shall describe the proposed measures to prevent pollution of these non-stormwater discharges. If the contractor encounters contaminated soil or groundwater, contact Ronald Gonzalez, the District Hazardous Materials Coordinator at 813-975-6000.

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TRAFFIC CONTROL PLANS GENERAL NOTES FOR OPTION AAI (A)

1. LANE CLOSURES FOR S.R. 45 ARE DEFINED AS FOLLOWS:  
LANE CLOSURES WILL NOT BE ALLOWED BETWEEN THE HOURS OF 6:00 AM TO 8:00 PM MONDAY THRU FRIDAY. S.R. 45 PIPE CROSSING WORK (PHASE I OF THE TCP) SHALL BE CONSTRUCTED AS ONE CONTINUOUS WORK PERIOD FROM FRIDAY (8:00 P.M.) TO MONDAY (6:00 A.M.).
2. AT NO TIME SHALL THE CONTRACTOR CLOSE THE ENTIRE MAINLINE ROADWAY.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS IN ADVANCE OF ANY LANE CLOSURES.
4. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING: HARTLINE, FIRE COMMUNICATION (E.M.S.) WITHIN 24 HOURS OF ANTICIPATED DISRUPTION TO THE NORMAL FLOW OF TRAFFIC, INCLUDING LANE CLOSURES, DETOURS AND SIGNAL WORK. ALSO, THE CONTRACTOR SHALL NOTIFY CSX RAILROAD PRIOR TO CONSTRUCTION IN THE VICINITY OF THE RAILROAD CROSSING WEST OF CASS ST.
5. THE CONTRACTOR SHALL NOT CLOSE ANY TWO CONSECUTIVE SIDE STREETS OR MEDIAN OPENINGS IN ANY GIVEN PHASE.
6. A DISCUSSION OF LANE CLOSURE OPERATIONS WILL BE MADE PART OF ALL PRECONSTRUCTION CONFERENCES. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A WRITTEN PLAN WHICH DETAILS EACH ACTIVITY INVOLVED IN THE LANE CLOSURE. THE PLAN SHALL INCLUDE BACK-UP PLANS FOR ACTIVITIES CRITICAL TO RE-OPENING THE LANES TO TRAFFIC. THE BACK-UP PLAN SHALL INCLUDE BACK-UP FOR ALL SUBCONTRACTOR OPERATIONS AS WELL AS THE PRIME CONTRACTORS. AN EXAMPLE OF AN ACCEPTABLE BACK-UP PLAN WOULD INCLUDE THE CONTRACTOR HAVING TEMPORARY TAPE ON HAND. THE CONTRACTOR MUST HAVE A CONTINGENCY PLAN IN PLACE TO ENSURE MINIMAL DISRUPTION TO NORMAL TRAFFIC PATTERNS OUTSIDE THE ALLOWABLE LANE CLOSURE WINDOW.
7. DURING PERIODS OF LANE CLOSURES THE CONTRACTOR SHALL PROVIDE A DEDICATED CREW FOR THE INSTALLATION, MAINTENANCE AND REMOVAL OF THE TRAFFIC CONTROL DEVICES (I.E., BARRICADES, SIGNS, ARROW BOARDS, ETC). THIS CREW SHALL CONSIST OF AT LEAST THREE MEMBERS OF THE CONTRACTOR'S WORK FORCE WHOSE SOLE RESPONSIBILITY WILL BE THE MAINTENANCE OF TRAFFIC CONTROL. THE CONTRACTOR SHALL FURNISH A WORK VEHICLE TO AID IN MAINTAINING THE CONTROL DEVICES.
8. THE CONTRACTOR SHALL AT THE DISCRETION OF THE ENGINEER OPEN ANY TEMPORARY LANE CLOSURES CAUSING EXTENDED TRAFFIC CONGESTION UNTIL TRAFFIC HAS RETURNED TO AN ACCEPTABLE FLOW AS DETERMINED BY THE ENGINEER.
9. LANE CLOSURES OR DETOURS WILL NOT BE PERFORMED DURING HOLIDAY PERIODS AS IDENTIFIED IN SPECIFICATION 8-6.4, WEDNESDAY NIGHT PRIOR TO THANKSGIVING DAY AND TWO HOURS BEFORE, TWO HOURS AFTER AND DURING THE BUCCANEER HOME GAMES, AND DURING THE STATE FAIR (FEBRUARY), GASPARILLA (FEBRUARY), GUAVAWEEEN (OCTOBER), STRAWBERRY FESTIVAL (FEBRUARY AND MARCH), AND DECLARED STATE OF EMERGENCIES. IN ADDITION TO THESE AND PREVIOUSLY SPECIFIED LIMITATIONS ON LANE CLOSURES AND DETOURS, THE DEPARTMENT MAY DIRECT 28 DAYS WHEN NO LANE CLOSURES OR DETOURS WILL BE PERMITTED. THE CONTRACTOR WILL BE PROVIDED NO LESS THAN 7 DAYS NOTICE OF THESE EVENTS AND THEY SHALL BE AT NO ADDITIONAL COSTS OR TIME TO THE DEPARTMENT.
10. LANE CLOSURE RESTRICTIONS, AS SHOWN IN GENERAL NOTE 1 OF THE TRAFFIC CONTROL PLANS, SHALL APPLY TO THE INSTALLATION OF IRRIGATION CONDUIT WHEN UTILIZING THE OPEN CUT METHOD.
11. THE EXISTING POSTED SPEEDS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.
12. THE CONTRACTOR SHALL COORDINATE WITH HARTLINE TO DETERMINE LOCATIONS FOR TEMPORARY BUS STOPS.
13. NO TWO CONSECUTIVE RAMPS OF THE LEE ROY SELMON EXPRESSWAY SHALL BE UNDER CONSTRUCTION SIMULTANEOUSLY.
14. FOR GENERAL TRAFFIC CONTROL WORK ZONE REQUIREMENTS, PEDESTRIAN CONTROL, AND ADDITIONAL INFORMATION, REFER TO THE 600 SERIES OF THE STANDARD INDEX.

15. PEDESTRIAN ACCESS AT CROSSWALKS AND SIDEWALKS SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD INDEX 660.
16. PLACE A CHANGEABLE VARIABLE MESSAGE SIGN 100 FT SOUTH OF KENNEDY BLVD. FOR NB TRAFFIC, AND 500 FT NORTH OF HILLSBOROUGH AVE. FOR SB TRAFFIC FOR A PERIOD OF TWO WEEKS PRIOR TO THE FIRST DAY OF PHASE IA ROADWAY CONSTRUCTION. THE MESSAGE SHALL READ AS FOLLOWS:

MESSAGE 1	MESSAGE 2
RD WORK	FROM
NEBRASKA	(BEGIN DATE)
AVE	TO (END DATE)

AFTER INITIAL TWO WEEKS, THE VARIABLE MESSAGE SHALL READ AS FOLLOWS FOR NIGHT WORK:

LIGHTED  
WORK  
ZONE AHD


17. THE CONTRACTOR SHALL MAINTAIN LIGHTING THROUGHOUT THE DURATION OF THIS PROJECT. COST OF THIS WORK SHALL BE INCIDENTAL TO WORK BEING PERFORMED.
18. THE CONTRACTOR SHALL BE AWARE THE PROJECT IS IN CLOSE PROXIMITY TO RESIDENTIAL DEVELOPMENT. VIBRATORY COMPACTION SHALL NOT BE USED ON THIS PROJECT. LIGHTING SHALL NOT DISTURB THE PRIVACY OF THE RESIDENTS.
19. THE CONTRACTOR SHALL PERFORM EACH PIPE CROSSING INSTALLATION AS ONE CONTINUOUS OPERATION. THE TRENCH SHALL NOT BE LEFT IN AN INACTIVE CONDITION. ONCE THE CONTRACTOR BEGINS EXCAVATION AND INSTALLATION OF THE PIPE, THE CONTRACTOR SHALL COMPLETE THE INSTALLATION IN ONE CONTINUOUS OPERATION. THIS MAY ENTAIL THE USE OF ADDITIONAL FORCES AND EQUIPMENT. COST OF THIS WORK SHALL BE INCLUDED IN THE WORK BEING PERFORMED.
20. THE CONTRACTOR SHALL LIMIT THE LENGTH OF MILLING OPERATIONS TO ASSURE THAT TRAFFIC IS NOT PLACED ON ANY ASPHALT MILLED SURFACE. THIS EXCLUDES THE "CURB REVEAL" MILLING AREAS DESCRIBED IN PHASE IIA AND PHASE IIIA.
21. DURING MILLING AND RESURFACING OPERATIONS THE CONTRACTOR SHALL NOT CLOSE MORE THAN ONE LANE ON S.R. 45 AT ANY GIVEN TIME.
22. THROUGHOUT THE MILLING OPERATIONS THE CONTRACTOR SHALL HAVE A SELF-CONTAINED VACUUM TYPE MOBILE BROOM ON THE JOB FOR CLEANUP OF MILLED DUST MATERIAL.
23. THE CONTRACTOR SHALL NOT EXCAVATE ANY AREAS THAT CANNOT BE SAFELY REOPENED TO TRAFFIC WITHIN THE SAME WORK PERIOD.
24. DUE TO THE EXISTING OR RELOCATED OVERHEAD POWER LINES LOCATED ADJACENT TO THE RIGHT-OF-WAY LINE, THE MAXIMUM CLEAR EQUIPMENT WORKING HEIGHT TO MAINTAIN OSHA AND NESC REQUIREMENTS SHALL BE LIMITED TO THIRTY (30') FEET. EQUIPMENT IN EXCESS OF THIRTY (30') FEET IN HEIGHT WILL REQUIRE THAT EQUIPMENT AND OPERATORS BE CERTIFIED TO WORK ON HIGH VOLTAGE (12KV) AND WILL REQUIRE THE UTILITY OWNERS REPRESENTATIVE TO BE PRESENT DURING CONSTRUCTION ACTIVITY.
25. TEMPORARY SHORING, TRENCH BOXES AND DEWATERING MAY BE REQUIRED TO CONSTRUCT SOME SEGMENTS OF STORM SEWER. ALL ASSOCIATED COSTS SHALL BE INCLUDED WITH THE COST OF THE STORM SEWER.
26. TREES WITHIN THE LIMITS OF THIS PROJECT WHICH ARE TO REMAIN SHALL BE TRIMMED TO CONFORM TO CLEAR ZONE REQUIREMENTS. COST TO BE INCLUDED IN STANDARD CLEARING AND GRUBBING.

SIGNALIZATION, SIGNING AND PAVEMENT MARKINGS GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC SIGNALIZATION AND PAVEMENT MARKINGS DURING CONSTRUCTION. ALL SIGNALIZATION SHALL CONFORM TO THE LATEST EDITIONS OF THE MUTCD AND THE FDOT DESIGN STANDARDS.
2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POWER FROM THE CONTROLLER TO SIGNALS DURING ALL PHASES OF CONSTRUCTION. THIS INCLUDES THE USE OF TEMPORARY CABLES. THE TEMPORARY CABLES SHALL BE PAID FOR UNDER PAY ITEM NO. 102-1, MAINTENANCE OF TRAFFIC (LS/DA). THE CONTRACTOR SHALL COORDINATE THIS WORK WITH MR. ED DUNCAN OR MR. MIKE SCANLON OF THE CITY OF TAMPA TRANSPORTATION DIVISION TELEPHONE NO. (813) 274-8055.
3. SIGNALS SHALL BE PLACED ON RECALL DURING ACTIVE CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE SIGNALIZATION WITH THE CITY OF TAMPA TRANSPORTATION DIVISION. CONTACT MR. BILL HALL WITH THE CITY OF TAMPA SIGNAL SHOP AT (813) 274-8908, OR MR. ED DUNCAN OR MR. MIKE SCANLON AT (813) 274-8055.
4. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED, SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION. COST OF THIS WORK SHALL BE REFLECTED IN PAY ITEM 102-1

**VOID**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.

REVISIONS						 5300 West Cypress Street Suite 200 Tampa, Florida 33607-1768 FBPE Certificate of Authorization No. 24 RICHARD HOWARD JR., P.E. #6710	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TCP GENERAL NOTES OPTION AAI (A)	SHEET NO. 187
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						S.R. 45	HILLSBOROUGH	255853-1-52-01			



1. LANE CLOSURES FOR S.R. 45 ARE DEFINED AS FOLLOWS:  
LANE CLOSURES WILL NOT BE ALLOWED BETWEEN THE HOURS OF 6:00 AM TO 8:00 PM MONDAY THRU FRIDAY. S.R. 45 PIPE CROSSING WORK (PHASE I OF THE TCP) SHALL BE CONSTRUCTED AS ONE CONTINUOUS WORK PERIOD FROM FRIDAY (8:00 P.M.) TO MONDAY (6:00 A.M.).
2. AT NO TIME SHALL THE CONTRACTOR CLOSE THE ENTIRE MAINLINE ROADWAY.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS IN ADVANCE OF ANY LANE CLOSURES.
4. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING: HARTLINE, FIRE COMMUNICATION (E.M.S.) WITHIN 24 HOURS OF ANTICIPATED DISRUPTION TO THE NORMAL FLOW OF TRAFFIC, INCLUDING LANE CLOSURES, DETOURS AND SIGNAL WORK. ALSO, THE CONTRACTOR SHALL NOTIFY CSX RAILROAD PRIOR TO CONSTRUCTION IN THE VICINITY OF THE RAILROAD CROSSING WEST OF CASS ST.
5. THE CONTRACTOR SHALL NOT CLOSE ANY TWO CONSECUTIVE SIDE STREETS OR MEDIAN OPENINGS IN ANY GIVEN PHASE.
6. A DISCUSSION OF LANE CLOSURE OPERATIONS WILL BE MADE PART OF ALL PRECONSTRUCTION CONFERENCES. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A WRITTEN PLAN WHICH DETAILS EACH ACTIVITY INVOLVED IN THE LANE CLOSURE. THE PLAN SHALL INCLUDE BACK-UP PLANS FOR ACTIVITIES CRITICAL TO RE-OPENING THE LANES TO TRAFFIC. THE BACK-UP PLAN SHALL INCLUDE BACK-UP FOR ALL SUBCONTRACTOR OPERATIONS AS WELL AS THE PRIME CONTRACTORS. AN EXAMPLE OF AN ACCEPTABLE BACK-UP PLAN WOULD INCLUDE THE CONTRACTOR HAVING TEMPORARY TAPE ON HAND. THE CONTRACTOR MUST HAVE A CONTINGENCY PLAN IN PLACE TO ENSURE MINIMAL DISRUPTION TO NORMAL TRAFFIC PATTERNS OUTSIDE THE ALLOWABLE LANE CLOSURE WINDOW.
7. DURING PERIODS OF LANE CLOSURES THE CONTRACTOR SHALL PROVIDE A DEDICATED CREW FOR THE INSTALLATION, MAINTENANCE AND REMOVAL OF THE TRAFFIC CONTROL DEVICES (I.E., BARRICADES, SIGNS, ARROW BOARDS, ETC). THIS CREW SHALL CONSIST OF AT LEAST THREE MEMBERS OF THE CONTRACTOR'S WORK FORCE WHOSE SOLE RESPONSIBILITY WILL BE THE MAINTENANCE OF TRAFFIC CONTROL. THE CONTRACTOR SHALL FURNISH A WORK VEHICLE TO AID IN MAINTAINING THE CONTROL DEVICES.
8. THE CONTRACTOR SHALL AT THE DISCRETION OF THE ENGINEER OPEN ANY TEMPORARY LANE CLOSURES CAUSING EXTENDED TRAFFIC CONGESTION UNTIL TRAFFIC HAS RETURNED TO AN ACCEPTABLE FLOW AS DETERMINED BY THE ENGINEER.
9. LANE CLOSURES OR DETOURS WILL NOT BE PERFORMED DURING HOLIDAY PERIODS AS IDENTIFIED IN SPECIFICATION 8-6.4, WEDNESDAY NIGHT PRIOR TO THANKSGIVING DAY AND TWO HOURS BEFORE, TWO HOURS AFTER AND DURING THE BUCCANEER HOME GAMES, AND DURING THE STATE FAIR (FEBRUARY), GASPARILLA (FEBRUARY), GUAVAWEEEN (OCTOBER), STRAWBERRY FESTIVAL (FEBRUARY AND MARCH), AND DECLARED STATE OF EMERGENCIES. IN ADDITION TO THESE AND PREVIOUSLY SPECIFIED LIMITATIONS ON LANE CLOSURES AND DETOURS, THE DEPARTMENT MAY DIRECT 28 DAYS WHEN NO LANE CLOSURES OR DETOURS WILL BE PERMITTED. THE CONTRACTOR WILL BE PROVIDED NO LESS THAN 7 DAYS NOTICE OF THESE EVENTS AND THEY SHALL BE AT NO ADDITIONAL COSTS OR TIME TO THE DEPARTMENT.
10. LANE CLOSURE RESTRICTIONS, AS SHOWN IN GENERAL NOTE 1 OF THE TRAFFIC CONTROL PLANS, SHALL APPLY TO THE INSTALLATION OF IRRIGATION CONDUIT WHEN UTILIZING THE OPEN CUT METHOD.
11. THE EXISTING POSTED SPEEDS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.
12. THE CONTRACTOR SHALL COORDINATE WITH HARTLINE TO DETERMINE LOCATIONS FOR TEMPORARY BUS STOPS.
13. NO TWO CONSECUTIVE RAMPS OF THE LEE ROY SELMON EXPRESSWAY SHALL BE UNDER CONSTRUCTION SIMULTANEOUSLY.
14. FOR GENERAL TRAFFIC CONTROL WORK ZONE REQUIREMENTS, PEDESTRIAN CONTROL, AND ADDITIONAL INFORMATION, REFER TO THE 600 SERIES OF THE STANDARD INDEX.

15. PEDESTRIAN ACCESS AT CROSSWALKS AND SIDEWALKS SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD INDEX 660.

16. PLACE A CHANGEABLE VARIABLE MESSAGE SIGN 100 FT SOUTH OF KENNEDY BLVD. FOR NB TRAFFIC, AND 500 FT NORTH OF HILLSBOROUGH AVE. FOR SB TRAFFIC FOR A PERIOD OF TWO WEEKS PRIOR TO THE FIRST DAY OF PHASE IA ROADWAY CONSTRUCTION. THE MESSAGE SHALL READ AS FOLLOWS:

MESSAGE 1	MESSAGE 2
RD WORK NEBRASKA AVE	FROM (BEGIN DATE) TO (END DATE)

AFTER INITIAL TWO WEEKS, THE VARIABLE MESSAGE SHALL READ AS FOLLOWS FOR NIGHT WORK:

LIGHTED  
WORK  
ZONE AHD

17. THE CONTRACTOR SHALL MAINTAIN LIGHTING THROUGHOUT THE DURATION OF THIS PROJECT. COST OF THIS WORK SHALL BE INCIDENTAL TO WORK BEING PERFORMED.

18. THE CONTRACTOR SHALL BE AWARE THE PROJECT IS IN CLOSE PROXIMITY TO RESIDENTIAL DEVELOPMENT. VIBRATORY COMPACTION SHALL NOT BE USED ON THIS PROJECT. LIGHTING SHALL NOT DISTURB THE PRIVACY OF THE RESIDENTS.

19. THE CONTRACTOR SHALL PERFORM EACH PIPE CROSSING INSTALLATION AS ONE CONTINUOUS OPERATION. THE TRENCH SHALL NOT BE LEFT IN AN INACTIVE CONDITION. ONCE THE CONTRACTOR BEGINS EXCAVATION AND INSTALLATION OF THE PIPE, THE CONTRACTOR SHALL COMPLETE THE INSTALLATION IN ONE CONTINUOUS OPERATION. THIS MAY ENTAIL THE USE OF ADDITIONAL FORCES AND EQUIPMENT. COST OF THIS WORK SHALL BE INCLUDED IN THE WORK BEING PERFORMED.

20. THE CONTRACTOR SHALL LIMIT THE LENGTH OF MILLING OPERATIONS TO ASSURE THAT TRAFFIC IS NOT PLACED ON ANY ASPHALT MILLED SURFACE. THIS EXCLUDES THE "CURB REVEAL" MILLING AREAS DESCRIBED IN PHASE IIA AND PHASE IIIA.

21. DURING MILLING AND RESURFACING OPERATIONS THE CONTRACTOR SHALL NOT CLOSE MORE THAN ONE LANE ON S.R. 45 AT ANY GIVEN TIME.

22. THROUGHOUT THE MILLING OPERATIONS THE CONTRACTOR SHALL HAVE A SELF-CONTAINED VACUUM TYPE MOBILE BROOM ON THE JOB FOR CLEANUP OF MILLED DUST MATERIAL.

23. THE CONTRACTOR SHALL NOT EXCAVATE ANY AREAS THAT CANNOT BE SAFELY REOPENED TO TRAFFIC WITHIN THE SAME WORK PERIOD.

24. DUE TO THE EXISTING OR RELOCATED OVERHEAD POWER LINES LOCATED ADJACENT TO THE RIGHT-OF-WAY LINE, THE MAXIMUM CLEAR EQUIPMENT WORKING HEIGHT TO MAINTAIN OSHA AND NESC REQUIREMENTS SHALL BE LIMITED TO THIRTY (30') FEET. EQUIPMENT IN EXCESS OF THIRTY (30') FEET IN HEIGHT WILL REQUIRE THAT EQUIPMENT AND OPERATORS BE CERTIFIED TO WORK ON HIGH VOLTAGE (12KV) AND WILL REQUIRE THE UTILITY OWNERS REPRESENTATIVE TO BE PRESENT DURING CONSTRUCTION ACTIVITY.

25. TEMPORARY SHORING, TRENCH BOXES AND DEWATERING MAY BE REQUIRED TO CONSTRUCT SOME SEGMENTS OF STORM SEWER. ALL ASSOCIATED COSTS SHALL BE INCLUDED WITH THE COST OF THE STORM SEWER

26. TREES WITHIN THE LIMITS OF THIS PROJECT WHICH ARE TO REMAIN SHALL BE TRIMMED TO CONFORM TO CLEAR ZONE REQUIREMENTS. COST TO BE INCLUDED IN STANDARD CLEARING AND GRUBBING.

SIGNALIZATION, SIGNING AND PAVEMENT MARKINGS GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC SIGNALIZATION AND PAVEMENT MARKINGS DURING CONSTRUCTION. ALL SIGNALIZATION SHALL CONFORM TO THE LATEST EDITIONS OF THE MUTCD AND THE FDOT DESIGN STANDARDS.

2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POWER FROM THE CONTROLLER TO SIGNALS DURING ALL PHASES OF CONSTRUCTION. THIS INCLUDES THE USE OF TEMPORARY CABLES. THE TEMPORARY CABLES SHALL BE PAID FOR UNDER PAY ITEM NO. 102-1, MAINTENANCE OF TRAFFIC (LS/DA). THE CONTRACTOR SHALL COORDINATE THIS WORK WITH MR. ED DUNCAN OR MR. MIKE SCANLON OF THE CITY OF TAMPA TRANSPORTATION DIVISION TELEPHONE NO. (813) 274-8055.

3. SIGNALS SHALL BE PLACED ON RECALL DURING ACTIVE CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE SIGNALIZATION WITH THE CITY OF TAMPA TRANSPORTATION DIVISION. CONTACT MR. BILL HALL WITH THE CITY OF TAMPA SIGNAL SHOP AT (813) 274-8908, OR MR. ED DUNCAN OR MR. MIKE SCANLON AT (813) 274-8055.

4. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED, SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION. COST OF THIS WORK SHALL BE REFLECTED IN PAY ITEM 102-1



REVISIONS						5300 West Cypress Street Suite 200 Tampa, Florida 33607-1768 FBPE Certificate of Authorization No. 24 RICHARD HOWARD JR., P.E. #61710	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  187
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
01/29/07	RWH	REVISION OF SHEET TITLE.					S.R. 45	HILLSBOROUGH	255853-1-52-01	

TCP GENERAL NOTES  
ALT AAI

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TRAFFIC CONTROL PLANS GENERAL NOTES FOR OPTION AAI (B)

1. THERE ARE NO LANE CLOSURE RESTRICTIONS ASSOCIATED WITH THIS OPTION, EXCEPT THAT THE PIPE CROSSING WORK (PHASE I OF TCP) SHALL BE CONSTRUCTED AS ONE CONTINUOUS WORK PERIOD FROM FRIDAY (8:00 P.M.) TO MONDAY (6:00 A.M.).
2. AT NO TIME SHALL THE CONTRACTOR CLOSE THE ENTIRE MAINLINE ROADWAY.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS IN ADVANCE OF ANY LANE CLOSURES.
4. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING: HARTLINE, FIRE COMMUNICATION (E.M.S.) WITHIN 24 HOURS OF ANTICIPATED DISRUPTION TO THE NORMAL FLOW OF TRAFFIC, INCLUDING LANE CLOSURES, DETOURS AND SIGNAL WORK. ALSO, THE CONTRACTOR SHALL NOTIFY CSX RAILROAD PRIOR TO CONSTRUCTION IN THE VICINITY OF THE RAILROAD CROSSING WEST OF CASS ST.
5. THE CONTRACTOR SHALL NOT CLOSE ANY TWO CONSECUTIVE SIDE STREETS OR MEDIAN OPENINGS IN ANY GIVEN PHASE.
6. A DISCUSSION OF LANE CLOSURE OPERATIONS WILL BE MADE PART OF ALL PRECONSTRUCTION CONFERENCES. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A WRITTEN PLAN WHICH DETAILS EACH ACTIVITY INVOLVED IN THE LANE CLOSURE. THE PLAN SHALL INCLUDE BACK-UP PLANS FOR ACTIVITIES CRITICAL TO RE-OPENING THE LANES TO TRAFFIC. THE BACK-UP PLAN SHALL INCLUDE BACK-UP FOR ALL SUBCONTRACTOR OPERATIONS AS WELL AS THE PRIME CONTRACTORS. AN EXAMPLE OF AN ACCEPTABLE BACK-UP PLAN WOULD INCLUDE THE CONTRACTOR HAVING TEMPORARY TAPE ON HAND. THE CONTRACTOR MUST HAVE A CONTINGENCY PLAN IN PLACE TO ENSURE MINIMAL DISRUPTION TO NORMAL TRAFFIC PATTERNS OUTSIDE THE ALLOWABLE LANE CLOSURE WINDOW.
7. DURING PERIODS OF LANE CLOSURES THE CONTRACTOR SHALL PROVIDE A DEDICATED CREW FOR THE INSTALLATION, MAINTENANCE AND REMOVAL OF THE TRAFFIC CONTROL DEVICES (I.E., BARRICADES, SIGNS, ARROW BOARDS, ETC). THIS CREW SHALL CONSIST OF AT LEAST THREE MEMBERS OF THE CONTRACTOR'S WORK FORCE WHOSE SOLE RESPONSIBILITY WILL BE THE MAINTENANCE OF TRAFFIC CONTROL. THE CONTRACTOR SHALL FURNISH A WORK VEHICLE TO AID IN MAINTAINING THE CONTROL DEVICES.
8. THE CONTRACTOR SHALL AT THE DISCRETION OF THE ENGINEER OPEN ANY TEMPORARY LANE CLOSURES CAUSING EXTENDED TRAFFIC CONGESTION UNTIL TRAFFIC HAS RETURNED TO AN ACCEPTABLE FLOW AS DETERMINED BY THE ENGINEER.
9. LANE CLOSURES OR DETOURS WILL NOT BE PERFORMED DURING HOLIDAY PERIODS AS IDENTIFIED IN SPECIFICATION 8-6.4, WEDNESDAY NIGHT PRIOR TO THANKSGIVING DAY AND TWO HOURS BEFORE, TWO HOURS AFTER AND DURING THE BUCCANEER HOME GAMES, AND DURING THE STATE FAIR (FEBRUARY), GASPARILLA (FEBRUARY), GUAWAWEEN (OCTOBER), STRAWBERRY FESTIVAL (FEBRUARY AND MARCH), AND DECLARED STATE OF EMERGENCIES. IN ADDITION TO THESE AND PREVIOUSLY SPECIFIED LIMITATIONS ON LANE CLOSURES AND DETOURS, THE DEPARTMENT MAY DIRECT 28 DAYS WHEN NO LANE CLOSURES OR DETOURS WILL BE PERMITTED. THE CONTRACTOR WILL BE PROVIDED NO LESS THAN 7 DAYS NOTICE OF THESE EVENTS AND THEY SHALL BE AT NO ADDITIONAL COSTS OR TIME TO THE DEPARTMENT.
10. LANE CLOSURE RESTRICTIONS, AS SHOWN IN GENERAL NOTE 1 OF THE TRAFFIC CONTROL PLANS, SHALL APPLY TO THE INSTALLATION OF IRRIGATION CONDUIT WHEN UTILIZING THE OPEN CUT METHOD.
11. THE EXISTING POSTED SPEEDS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.
12. THE CONTRACTOR SHALL COORDINATE WITH HARTLINE TO DETERMINE LOCATIONS FOR TEMPORARY BUS STOPS.
13. NO TWO CONSECUTIVE RAMPS OF THE LEE ROY SELMON EXPRESSWAY SHALL BE UNDER CONSTRUCTION SIMULTANEOUSLY.
14. FOR GENERAL TRAFFIC CONTROL WORK ZONE REQUIREMENTS, PEDESTRIAN CONTROL, AND ADDITIONAL INFORMATION, REFER TO THE 600 SERIES OF THE STANDARD INDEX.

15. PEDESTRIAN ACCESS AT CROSSWALKS AND SIDEWALKS SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD INDEX 660.

16. PLACE A CHANGEABLE VARIABLE MESSAGE SIGN 100 FT SOUTH OF KENNEDY BLVD. FOR NB TRAFFIC, AND 500 FT NORTH OF HILLSBOROUGH AVE. FOR SB TRAFFIC FOR A PERIOD OF TWO WEEKS PRIOR TO THE FIRST DAY OF PHASE IA ROADWAY CONSTRUCTION. THE MESSAGE SHALL READ AS FOLLOWS:

MESSAGE 1	MESSAGE 2
RD WORK NEBRASKA AVE	FROM (BEGIN DATE) TO (END DATE)

AFTER INITIAL TWO WEEKS, THE VARIABLE MESSAGE SHALL READ AS FOLLOWS FOR NIGHT WORK:

LIGHTED  
WORK  
ZONE AHD

17. THE CONTRACTOR SHALL MAINTAIN LIGHTING THROUGHOUT THE DURATION OF THIS PROJECT. COST OF THIS WORK SHALL BE INCIDENTAL TO WORK BEING PERFORMED.

18. THE CONTRACTOR SHALL BE AWARE THE PROJECT IS IN CLOSE PROXIMITY TO RESIDENTIAL DEVELOPMENT. VIBRATORY COMPACTION SHALL NOT BE USED ON THIS PROJECT. LIGHTING SHALL NOT DISTURB THE PRIVACY OF THE RESIDENTS.

19. THE CONTRACTOR SHALL PERFORM EACH PIPE CROSSING INSTALLATION AS ONE CONTINUOUS OPERATION. THE TRENCH SHALL NOT BE LEFT IN AN INACTIVE CONDITION. ONCE THE CONTRACTOR BEGINS EXCAVATION AND INSTALLATION OF THE PIPE, THE CONTRACTOR SHALL COMPLETE THE INSTALLATION IN ONE CONTINUOUS OPERATION. THIS MAY ENTAIL THE USE OF ADDITIONAL FORCES AND EQUIPMENT. COST OF THIS WORK SHALL BE INCLUDED IN THE WORK BEING PERFORMED.

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21. DURING MILLING AND RESURFACING OPERATIONS THE CONTRACTOR SHALL NOT CLOSE MORE THAN ONE LANE ON S.R. 45 AT ANY GIVEN TIME.

22. THROUGHOUT THE MILLING OPERATIONS THE CONTRACTOR SHALL HAVE A SELF-CONTAINED VACUUM TYPE MOBILE BROOM ON THE JOB FOR CLEANUP OF MILLED DUST MATERIAL.

23. THE CONTRACTOR SHALL NOT EXCAVATE ANY AREAS THAT CANNOT BE SAFELY REOPENED TO TRAFFIC WITHIN THE SAME WORK PERIOD.

24. DUE TO THE EXISTING OR RELOCATED OVERHEAD POWER LINES LOCATED ADJACENT TO THE RIGHT-OF-WAY LINE, THE MAXIMUM CLEAR EQUIPMENT WORKING HEIGHT TO MAINTAIN OSHA AND NESC REQUIREMENTS SHALL BE LIMITED TO THIRTY (30') FEET. EQUIPMENT IN EXCESS OF THIRTY (30') FEET IN HEIGHT WILL REQUIRE THAT EQUIPMENT AND OPERATORS BE CERTIFIED TO WORK ON HIGH VOLTAGE (12KV) AND WILL REQUIRE THE UTILITY OWNERS REPRESENTATIVE TO BE PRESENT DURING CONSTRUCTION ACTIVITY.

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26. TREES WITHIN THE LIMITS OF THIS PROJECT WHICH ARE TO REMAIN SHALL BE TRIMMED TO CONFORM TO CLEAR ZONE REQUIREMENTS. COST TO BE INCLUDED IN STANDARD CLEARING AND GRUBBING.

SIGNALIZATION, SIGNING AND PAVEMENT MARKINGS GENERAL NOTES

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2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POWER FROM THE CONTROLLER TO SIGNALS DURING ALL PHASES OF CONSTRUCTION. THIS INCLUDES THE USE OF TEMPORARY CABLES. THE TEMPORARY CABLES SHALL BE PAID FOR UNDER PAY ITEM NO. 102-1, MAINTENANCE OF TRAFFIC (LS/DA). THE CONTRACTOR SHALL COORDINATE THIS WORK WITH MR. ED DUNCAN OR MR. MIKE SCANLON OF THE CITY OF TAMPA TRANSPORTATION DIVISION TELEPHONE NO. (813) 274-8055.

3. SIGNALS SHALL BE PLACED ON RECALL DURING ACTIVE CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE SIGNALIZATION WITH THE CITY OF TAMPA TRANSPORTATION DIVISION. CONTACT MR. BILL HALL WITH THE CITY OF TAMPA SIGNAL SHOP AT (813) 274-8908, OR MR. ED DUNCAN OR MR. MIKE SCANLON AT (813) 274-8055.

4. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED, SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION. COST OF THIS WORK SHALL BE REFLECTED IN PAY ITEM 102-1

**VOID**

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REVISIONS						 5300 West Cypress Street Suite 200 Tampa, Florida 33607-1768 FBPE Certificate of Authorization No. 24 RICHARD HOWARD JR., P.E. #61710	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TCP GENERAL NOTES OPTION AAI (B)	SHEET NO. 188
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

TRAFFIC CONTROL PLANS GENERAL NOTES FOR ALT AA2



1. THERE ARE NO LANE CLOSURE RESTRICTIONS ASSOCIATED WITH THIS OPTION, EXCEPT THAT THE PIPE CROSSING WORK (PHASE I OF TCP) SHALL BE CONSTRUCTED AS ONE CONTINUOUS WORK PERIOD FROM FRIDAY (8:00 P.M.) TO MONDAY (6:00 A.M.).
2. AT NO TIME SHALL THE CONTRACTOR CLOSE THE ENTIRE MAINLINE ROADWAY.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS IN ADVANCE OF ANY LANE CLOSURES.
4. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING: HARTLINE, FIRE COMMUNICATION (E.M.S.) WITHIN 24 HOURS OF ANTICIPATED DISRUPTION TO THE NORMAL FLOW OF TRAFFIC, INCLUDING LANE CLOSURES, DETOURS AND SIGNAL WORK. ALSO, THE CONTRACTOR SHALL NOTIFY CSX RAILROAD PRIOR TO CONSTRUCTION IN THE VICINITY OF THE RAILROAD CROSSING WEST OF CASS ST.
5. THE CONTRACTOR SHALL NOT CLOSE ANY TWO CONSECUTIVE SIDE STREETS OR MEDIAN OPENINGS IN ANY GIVEN PHASE.
6. A DISCUSSION OF LANE CLOSURE OPERATIONS WILL BE MADE PART OF ALL PRECONSTRUCTION CONFERENCES. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A WRITTEN PLAN WHICH DETAILS EACH ACTIVITY INVOLVED IN THE LANE CLOSURE. THE PLAN SHALL INCLUDE BACK-UP PLANS FOR ACTIVITIES CRITICAL TO RE-OPENING THE LANES TO TRAFFIC. THE BACK-UP PLAN SHALL INCLUDE BACK-UP FOR ALL SUBCONTRACTOR OPERATIONS AS WELL AS THE PRIME CONTRACTORS. AN EXAMPLE OF AN ACCEPTABLE BACK-UP PLAN WOULD INCLUDE THE CONTRACTOR HAVING TEMPORARY TAPE ON HAND. THE CONTRACTOR MUST HAVE A CONTINGENCY PLAN IN PLACE TO ENSURE MINIMAL DISRUPTION TO NORMAL TRAFFIC PATTERNS OUTSIDE THE ALLOWABLE LANE CLOSURE WINDOW.
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8. THE CONTRACTOR SHALL AT THE DISCRETION OF THE ENGINEER OPEN ANY TEMPORARY LANE CLOSURES CAUSING EXTENDED TRAFFIC CONGESTION UNTIL TRAFFIC HAS RETURNED TO AN ACCEPTABLE FLOW AS DETERMINED BY THE ENGINEER.
9. LANE CLOSURES OR DETOURS WILL NOT BE PERFORMED DURING HOLIDAY PERIODS AS IDENTIFIED IN SPECIFICATION 8-6.4, WEDNESDAY NIGHT PRIOR TO THANKSGIVING DAY AND TWO HOURS BEFORE, TWO HOURS AFTER AND DURING THE BUCCANEER HOME GAMES, AND DURING THE STATE FAIR (FEBRUARY), GASPARILLA (FEBRUARY), GUAVAWEEEN (OCTOBER), STRAWBERRY FESTIVAL (FEBRUARY AND MARCH), AND DECLARED STATE OF EMERGENCIES. IN ADDITION TO THESE AND PREVIOUSLY SPECIFIED LIMITATIONS ON LANE CLOSURES AND DETOURS, THE DEPARTMENT MAY DIRECT 28 DAYS WHEN NO LANE CLOSURES OR DETOURS WILL BE PERMITTED. THE CONTRACTOR WILL BE PROVIDED NO LESS THAN 7 DAYS NOTICE OF THESE EVENTS AND THEY SHALL BE AT NO ADDITIONAL COSTS OR TIME TO THE DEPARTMENT.
10. LANE CLOSURE RESTRICTIONS, AS SHOWN IN GENERAL NOTE 1 OF THE TRAFFIC CONTROL PLANS, SHALL APPLY TO THE INSTALLATION OF IRRIGATION CONDUIT WHEN UTILIZING THE OPEN CUT METHOD.
11. THE EXISTING POSTED SPEEDS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.
12. THE CONTRACTOR SHALL COORDINATE WITH HARTLINE TO DETERMINE LOCATIONS FOR TEMPORARY BUS STOPS.
13. NO TWO CONSECUTIVE RAMPS OF THE LEE ROY SELMON EXPRESSWAY SHALL BE UNDER CONSTRUCTION SIMULTANEOUSLY.
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MESSAGE 1	MESSAGE 2
RD WORK NEBRASKA AVE	FROM (BEGIN DATE) TO (END DATE)

AFTER INITIAL TWO WEEKS, THE VARIABLE MESSAGE SHALL READ AS FOLLOWS FOR NIGHT WORK:

LIGHTED  
WORK  
ZONE AHD

17. THE CONTRACTOR SHALL MAINTAIN LIGHTING THROUGHOUT THE DURATION OF THIS PROJECT. COST OF THIS WORK SHALL BE INCIDENTAL TO WORK BEING PERFORMED.

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20. THE CONTRACTOR SHALL LIMIT THE LENGTH OF MILLING OPERATIONS TO ASSURE THAT TRAFFIC IS NOT PLACED ON ANY ASPHALT MILLED SURFACE. THIS EXCLUDES THE "CURB REVEAL" MILLING AREAS DESCRIBED IN PHASE IIA AND PHASE IIIA.

21. DURING MILLING AND RESURFACING OPERATIONS THE CONTRACTOR SHALL NOT CLOSE MORE THAN ONE LANE ON S.R. 45 AT ANY GIVEN TIME.

22. THROUGHOUT THE MILLING OPERATIONS THE CONTRACTOR SHALL HAVE A SELF-CONTAINED VACUUM TYPE MOBILE BROOM ON THE JOB FOR CLEANUP OF MILLED DUST MATERIAL.

23. THE CONTRACTOR SHALL NOT EXCAVATE ANY AREAS THAT CANNOT BE SAFELY REOPENED TO TRAFFIC WITHIN THE SAME WORK PERIOD.

24. DUE TO THE EXISTING OR RELOCATED OVERHEAD POWER LINES LOCATED ADJACENT TO THE RIGHT-OF-WAY LINE, THE MAXIMUM CLEAR EQUIPMENT WORKING HEIGHT TO MAINTAIN OSHA AND NESC REQUIREMENTS SHALL BE LIMITED TO THIRTY (30') FEET. EQUIPMENT IN EXCESS OF THIRTY (30') FEET IN HEIGHT WILL REQUIRE THAT EQUIPMENT AND OPERATORS BE CERTIFIED TO WORK ON HIGH VOLTAGE (12KV) AND WILL REQUIRE THE UTILITY OWNERS REPRESENTATIVE TO BE PRESENT DURING CONSTRUCTION ACTIVITY.

25. TEMPORARY SHORING, TRENCH BOXES AND DEWATERING MAY BE REQUIRED TO CONSTRUCT SOME SEGMENTS OF STORM SEWER. ALL ASSOCIATED COSTS SHALL BE INCLUDED WITH THE COST OF THE STORM SEWER

26. TREES WITHIN THE LIMITS OF THIS PROJECT WHICH ARE TO REMAIN SHALL BE TRIMMED TO CONFORM TO CLEAR ZONE REQUIREMENTS. COST TO BE INCLUDED IN STANDARD CLEARING AND GRUBBING.

SIGNALIZATION, SIGNING AND PAVEMENT MARKINGS GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC SIGNALIZATION AND PAVEMENT MARKINGS DURING CONSTRUCTION. ALL SIGNALIZATION SHALL CONFORM TO THE LATEST EDITIONS OF THE MUTCD AND THE FDOT DESIGN STANDARDS.

2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POWER FROM THE CONTROLLER TO SIGNALS DURING ALL PHASES OF CONSTRUCTION. THIS INCLUDES THE USE OF TEMPORARY CABLES. THE TEMPORARY CABLES SHALL BE PAID FOR UNDER PAY ITEM NO. 102-1, MAINTENANCE OF TRAFFIC (LS/DA). THE CONTRACTOR SHALL COORDINATE THIS WORK WITH MR. ED DUNCAN OR MR. MIKE SCANLON OF THE CITY OF TAMPA TRANSPORTATION DIVISION TELEPHONE NO. (813) 274-8055.

3. SIGNALS SHALL BE PLACED ON RECALL DURING ACTIVE CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE SIGNALIZATION WITH THE CITY OF TAMPA TRANSPORTATION DIVISION. CONTACT MR. BILL HALL WITH THE CITY OF TAMPA SIGNAL SHOP AT (813) 274-8908, OR MR. ED DUNCAN OR MR. MIKE SCANLON AT (813) 274-8055.

4. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED, SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION. COST OF THIS WORK SHALL BE REFLECTED IN PAY ITEM 102-1



REVISIONS						5300 West Cypress Street Suite 200 Tampa, Florida 33607-1768 FBPE Certificate of Authorization No. 24 RICHARD HOWARD JR., P.E. #6710	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TCP GENERAL NOTES ALT AA2	SHEET NO. 188
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
01/29/07	RWH	△ REVISION OF SHEET TITLE.					S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



TRAFFIC CONTROL PLANS GENERAL NOTES FOR OPTION AA2

1. THERE ARE NO LANE CLOSURE RESTRICTIONS ASSOCIATED WITH THIS OPTION, EXCEPT THAT THE PIPE CROSSING WORK (PHASE I OF TCP) SHALL BE CONSTRUCTED AS ONE CONTINUOUS WORK PERIOD FROM FRIDAY (8:00 P.M.) TO MONDAY (6:00 A.M.).
2. AT NO TIME SHALL THE CONTRACTOR CLOSE THE ENTIRE MAINLINE ROADWAY.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS IN ADVANCE OF ANY LANE CLOSURES.
4. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING: HARTLINE, FIRE COMMUNICATION (E.M.S.) WITHIN 24 HOURS OF ANTICIPATED DISRUPTION TO THE NORMAL FLOW OF TRAFFIC, INCLUDING LANE CLOSURES, DETOURS AND SIGNAL WORK. ALSO, THE CONTRACTOR SHALL NOTIFY CSX RAILROAD PRIOR TO CONSTRUCTION IN THE VICINITY OF THE RAILROAD CROSSING WEST OF CASS ST.
5. THE CONTRACTOR SHALL NOT CLOSE ANY TWO CONSECUTIVE SIDE STREETS OR MEDIAN OPENINGS IN ANY GIVEN PHASE.
6. A DISCUSSION OF LANE CLOSURE OPERATIONS WILL BE MADE PART OF ALL PRECONSTRUCTION CONFERENCES. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A WRITTEN PLAN WHICH DETAILS EACH ACTIVITY INVOLVED IN THE LANE CLOSURE. THE PLAN SHALL INCLUDE BACK-UP PLANS FOR ACTIVITIES CRITICAL TO RE-OPENING THE LANES TO TRAFFIC. THE BACK-UP PLAN SHALL INCLUDE BACK-UP FOR ALL SUBCONTRACTOR OPERATIONS AS WELL AS THE PRIME CONTRACTORS. AN EXAMPLE OF AN ACCEPTABLE BACK-UP PLAN WOULD INCLUDE THE CONTRACTOR HAVING TEMPORARY TAPE ON HAND. THE CONTRACTOR MUST HAVE A CONTINGENCY PLAN IN PLACE TO ENSURE MINIMAL DISRUPTION TO NORMAL TRAFFIC PATTERNS OUTSIDE THE ALLOWABLE LANE CLOSURE WINDOW.
7. DURING PERIODS OF LANE CLOSURES THE CONTRACTOR SHALL PROVIDE A DEDICATED CREW FOR THE INSTALLATION, MAINTENANCE AND REMOVAL OF THE TRAFFIC CONTROL DEVICES (I.E., BARRICADES, SIGNS, ARROW BOARDS, ETC). THIS CREW SHALL CONSIST OF AT LEAST THREE MEMBERS OF THE CONTRACTOR'S WORK FORCE WHOSE SOLE RESPONSIBILITY WILL BE THE MAINTENANCE OF TRAFFIC CONTROL. THE CONTRACTOR SHALL FURNISH A WORK VEHICLE TO AID IN MAINTAINING THE CONTROL DEVICES.
8. THE CONTRACTOR SHALL AT THE DISCRETION OF THE ENGINEER OPEN ANY TEMPORARY LANE CLOSURES CAUSING EXTENDED TRAFFIC CONGESTION UNTIL TRAFFIC HAS RETURNED TO AN ACCEPTABLE FLOW AS DETERMINED BY THE ENGINEER.
9. LANE CLOSURES OR DETOURS WILL NOT BE PERFORMED DURING HOLIDAY PERIODS AS IDENTIFIED IN SPECIFICATION 8-6.4, WEDNESDAY NIGHT PRIOR TO THANKSGIVING DAY AND TWO HOURS BEFORE, TWO HOURS AFTER AND DURING THE BUCCANEER HOME GAMES, AND DURING THE STATE FAIR (FEBRUARY), GASPARILLA (FEBRUARY), GUAVAWEEEN (OCTOBER), STRAWBERRY FESTIVAL (FEBRUARY AND MARCH), AND DECLARED STATE OF EMERGENCIES. IN ADDITION TO THESE AND PREVIOUSLY SPECIFIED LIMITATIONS ON LANE CLOSURES AND DETOURS, THE DEPARTMENT MAY DIRECT 28 DAYS WHEN NO LANE CLOSURES OR DETOURS WILL BE PERMITTED. THE CONTRACTOR WILL BE PROVIDED NO LESS THAN 7 DAYS NOTICE OF THESE EVENTS AND THEY SHALL BE AT NO ADDITIONAL COSTS OR TIME TO THE DEPARTMENT.
10. LANE CLOSURE RESTRICTIONS, AS SHOWN IN GENERAL NOTE 1 OF THE TRAFFIC CONTROL PLANS, SHALL APPLY TO THE INSTALLATION OF IRRIGATION CONDUIT WHEN UTILIZING THE OPEN CUT METHOD.
11. THE EXISTING POSTED SPEEDS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.
12. THE CONTRACTOR SHALL COORDINATE WITH HARTLINE TO DETERMINE LOCATIONS FOR TEMPORARY BUS STOPS.
13. NO TWO CONSECUTIVE RAMPS OF THE LEE ROY SELMON EXPRESSWAY SHALL BE UNDER CONSTRUCTION SIMULTANEOUSLY.
14. FOR GENERAL TRAFFIC CONTROL WORK ZONE REQUIREMENTS, PEDESTRIAN CONTROL, AND ADDITIONAL INFORMATION, REFER TO THE 600 SERIES OF THE STANDARD INDEX.

15. PEDESTRIAN ACCESS AT CROSSWALKS AND SIDEWALKS SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD INDEX 660.

16. PLACE A CHANGEABLE VARIABLE MESSAGE SIGN 100 FT SOUTH OF KENNEDY BLVD. FOR NB TRAFFIC, AND 500 FT NORTH OF HILLSBOROUGH AVE. FOR SB TRAFFIC FOR A PERIOD OF TWO WEEKS PRIOR TO THE FIRST DAY OF PHASE IA ROADWAY CONSTRUCTION. THE MESSAGE SHALL READ AS FOLLOWS:

MESSAGE 1	MESSAGE 2
RD WORK NEBRASKA AVE	FROM (BEGIN DATE) TO (END DATE)

AFTER INITIAL TWO WEEKS, THE VARIABLE MESSAGE SHALL READ AS FOLLOWS FOR NIGHT WORK:

LIGHTED  
WORK  
ZONE AHD

17. THE CONTRACTOR SHALL MAINTAIN LIGHTING THROUGHOUT THE DURATION OF THIS PROJECT. COST OF THIS WORK SHALL BE INCIDENTAL TO WORK BEING PERFORMED.

18. THE CONTRACTOR SHALL BE AWARE THE PROJECT IS IN CLOSE PROXIMITY TO RESIDENTIAL DEVELOPMENT. VIBRATORY COMPACTION SHALL NOT BE USED ON THIS PROJECT. LIGHTING SHALL NOT DISTURB THE PRIVACY OF THE RESIDENTS.

19. THE CONTRACTOR SHALL PERFORM EACH PIPE CROSSING INSTALLATION AS ONE CONTINUOUS OPERATION. THE TRENCH SHALL NOT BE LEFT IN AN INACTIVE CONDITION. ONCE THE CONTRACTOR BEGINS EXCAVATION AND INSTALLATION OF THE PIPE, THE CONTRACTOR SHALL COMPLETE THE INSTALLATION IN ONE CONTINUOUS OPERATION. THIS MAY ENTAIL THE USE OF ADDITIONAL FORCES AND EQUIPMENT. COST OF THIS WORK SHALL BE INCLUDED IN THE WORK BEING PERFORMED.

20. THE CONTRACTOR SHALL LIMIT THE LENGTH OF MILLING OPERATIONS TO ASSURE THAT TRAFFIC IS NOT PLACED ON ANY ASPHALT MILLED SURFACE. THIS EXCLUDES THE "CURB REVEAL" MILLING AREAS DESCRIBED IN PHASE IIA AND PHASE IIIA.

21. DURING MILLING AND RESURFACING OPERATIONS THE CONTRACTOR SHALL NOT CLOSE MORE THAN ONE LANE ON S.R. 45 AT ANY GIVEN TIME.

22. THROUGHOUT THE MILLING OPERATIONS THE CONTRACTOR SHALL HAVE A SELF-CONTAINED VACUUM TYPE MOBILE BROOM ON THE JOB FOR CLEANUP OF MILLED DUST MATERIAL.

23. THE CONTRACTOR SHALL NOT EXCAVATE ANY AREAS THAT CANNOT BE SAFELY REOPENED TO TRAFFIC WITHIN THE SAME WORK PERIOD.

24. DUE TO THE EXISTING OR RELOCATED OVERHEAD POWER LINES LOCATED ADJACENT TO THE RIGHT-OF-WAY LINE, THE MAXIMUM CLEAR EQUIPMENT WORKING HEIGHT TO MAINTAIN OSHA AND NESC REQUIREMENTS SHALL BE LIMITED TO THIRTY (30') FEET. EQUIPMENT IN EXCESS OF THIRTY (30') FEET IN HEIGHT WILL REQUIRE THAT EQUIPMENT AND OPERATORS BE CERTIFIED TO WORK ON HIGH VOLTAGE (12KV) AND WILL REQUIRE THE UTILITY OWNERS REPRESENTATIVE TO BE PRESENT DURING CONSTRUCTION ACTIVITY.

25. TEMPORARY SHORING, TRENCH BOXES AND DEWATERING MAY BE REQUIRED TO CONSTRUCT SOME SEGMENTS OF STORM SEWER. ALL ASSOCIATED COSTS SHALL BE INCLUDED WITH THE COST OF THE STORM SEWER

26. TREES WITHIN THE LIMITS OF THIS PROJECT WHICH ARE TO REMAIN SHALL BE TRIMMED TO CONFORM TO CLEAR ZONE REQUIREMENTS. COST TO BE INCLUDED IN STANDARD CLEARING AND GRUBBING.

SIGNALIZATION, SIGNING AND PAVEMENT MARKINGS GENERAL NOTES


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3. SIGNALS SHALL BE PLACED ON RECALL DURING ACTIVE CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE SIGNALIZATION WITH THE CITY OF TAMPA TRANSPORTATION DIVISION. CONTACT MR. BILL HALL WITH THE CITY OF TAMPA SIGNAL SHOP AT (813) 274-8908, OR MR. ED DUNCAN OR MR. MIKE SCANLON AT (813) 274-8055.

4. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED, SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION. COST OF THIS WORK SHALL BE REFLECTED IN PAY ITEM 102-1

**VOID**

REVISIONS						 5300 West Cypress Street Suite 200 Tampa, Florida 33607-1768 FBPE Certificate of Authorization No. 24 RICHARD HOWARD JR., P.E. #61710	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TCP GENERAL NOTES OPTION AA2	SHEET NO. 189
DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID						
			S.R. 45	HILLSBOROUGH	255853-1-52-01						

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60G-23.003, F.A.C.





1. THERE ARE NO LANE CLOSURE RESTRICTIONS ASSOCIATED WITH THIS OPTION, EXCEPT THAT THE PIPE CROSSING WORK (PHASE 1 OF TCP) SHALL BE CONSTRUCTED AS ONE CONTINUOUS WORK PERIOD FROM FRIDAY (8:00 P.M.) TO MONDAY (6:00 A.M.).
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MESSAGE 1	MESSAGE 2
RD WORK	FROM
NEBRASKA	(BEGIN DATE)
AVE	TO (END DATE)

AFTER INITIAL TWO WEEKS, THE VARIABLE MESSAGE SHALL READ AS FOLLOWS FOR NIGHT WORK:

LIGHTED  
WORK  
ZONE AHD

17. THE CONTRACTOR SHALL MAINTAIN LIGHTING THROUGHOUT THE DURATION OF THIS PROJECT. COST OF THIS WORK SHALL BE INCIDENTAL TO WORK BEING PERFORMED.
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21. DURING MILLING AND RESURFACING OPERATIONS THE CONTRACTOR SHALL NOT CLOSE MORE THAN ONE LANE ON S.R. 45 AT ANY GIVEN TIME.
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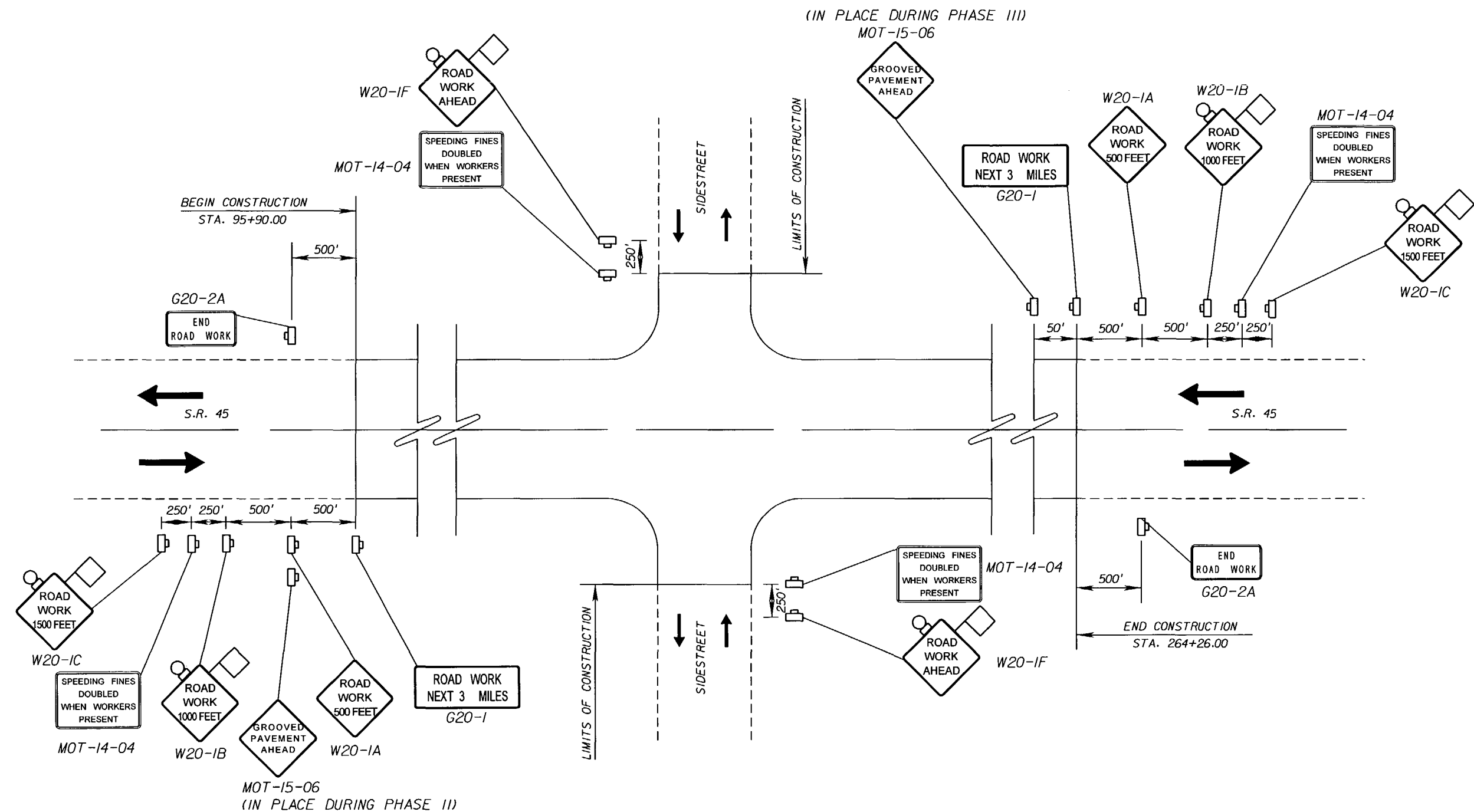
SIGNALIZATION, SIGNING AND PAVEMENT MARKINGS GENERAL NOTES

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REVISIONS						5300 West Cypress Street Suite 200 Tampa, Florida 33607-1768 FBPE Certificate of Authorization No. 24 RICHARD HOWARD JR., P.E. #6710	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TCP GENERAL NOTES ALT AA3	SHEET NO. 189
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
01/29/07	RWH	△ REVISION OF SHEET TITLE.				S.R. 45	HILLSBOROUGH	255853-1-52-01			

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ADVANCE WARNING TYPICAL DETAIL

SIDESTREET TYPICAL SIGN DETAIL

ADVANCE WARNING TYPICAL DETAIL

PLAN VIEW  
N.T.S.

PLAN VIEW  
N.T.S.

PLAN VIEW  
N.T.S.

LEGEND	
	Work Zone Sign
	Lane Identification And Direction Of Traffic
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

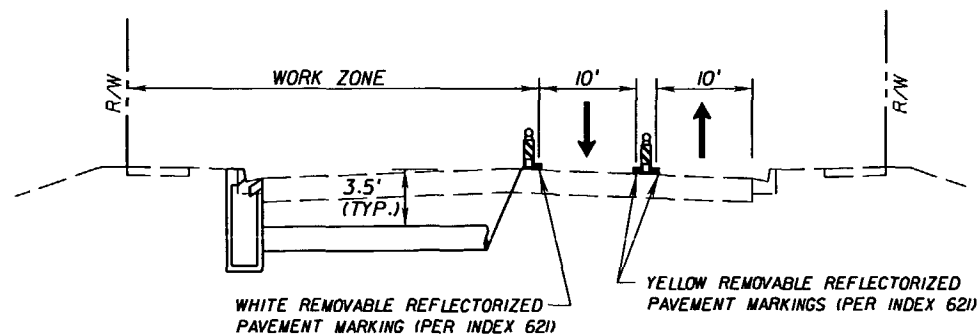
**PBS&J** 5300 West Cypress Street  
 Suite 200  
 Tampa, Florida 33607-1768  
 FBPE Certificate of  
 Authorization No. 24  
 RICHARD HOWARD JR., P.E. #6710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP ADVANCE WARNING  
DETAIL SHEET**

SHEET NO.
190

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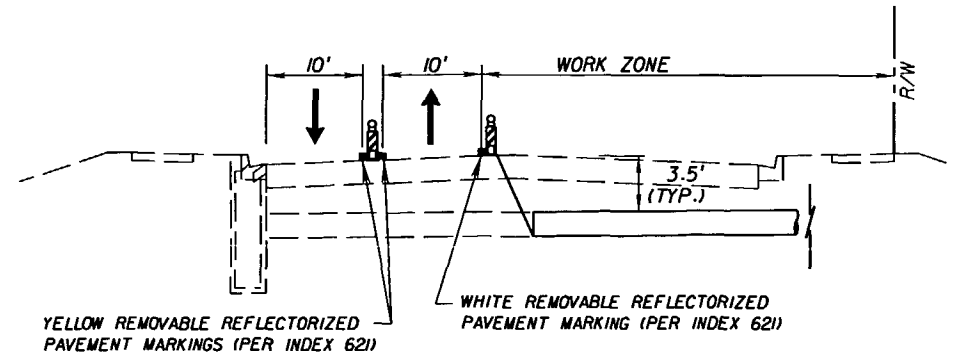
PHASE I A

PHASE I A NOTES

1. INSTALL ALL PERTINENT WARNING SIGNS AND TRAFFIC CONTROL DEVICES. SHIFT SB TRAFFIC TO THE NB ROADWAY UTILIZING STANDARD INDEX 621.
2. PLACE PROPOSED DRAINAGE STRUCTURE(S) AND PIPE (ALONG WITH POSSIBLE UTILITIES AND/OR IRRIGATION CASING) WITHIN WORK ZONE SHOWN ABOVE.
3. UTILIZING TRENCH CUT PAVEMENT DETAIL (SHOWN BELOW), FILL TRENCH CUT. FINAL CONSTRUCTION OF ROADWAY PAVEMENT SHALL BE CONCURRENT WITH MAINLINE TCP PHASING.
4. CONTRACTOR SHALL PREVENT WATER RUN OFF FROM ENTERING INLET UNTIL CONSTRUCTION OF CROSS DRAIN IS COMPLETE.

LEGEND

- TRAFFIC FLOW DIRECTION
- ▬ CHANNELIZATION DEVICE (SEE INDEX 600)



PHASE I B

PHASE I B NOTES

1. INSTALL ALL PERTINENT WARNING SIGNS AND TRAFFIC CONTROL DEVICES. SHIFT NB TRAFFIC TO THE SB ROADWAY UTILIZING STANDARD INDEX 621.
2. PLACE PROPOSED DRAINAGE STRUCTURE(S) AND PIPE (ALONG WITH POSSIBLE UTILITIES AND/OR IRRIGATION CASING) WITHIN WORK ZONE SHOWN ABOVE.
3. UTILIZING TRENCH CUT PAVEMENT DETAIL (SHOWN BELOW), FILL TRENCH CUT. FINAL CONSTRUCTION OF ROADWAY PAVEMENT SHALL BE CONCURRENT WITH MAINLINE TCP PHASING.
4. REMOVE TRAFFIC CONTROL DEVICES AND RESUME TRAFFIC ON EXISTING FACILITY AS NORMAL.

LEGEND

- TRAFFIC FLOW DIRECTION
- ▬ CHANNELIZATION DEVICE (SEE INDEX 600)

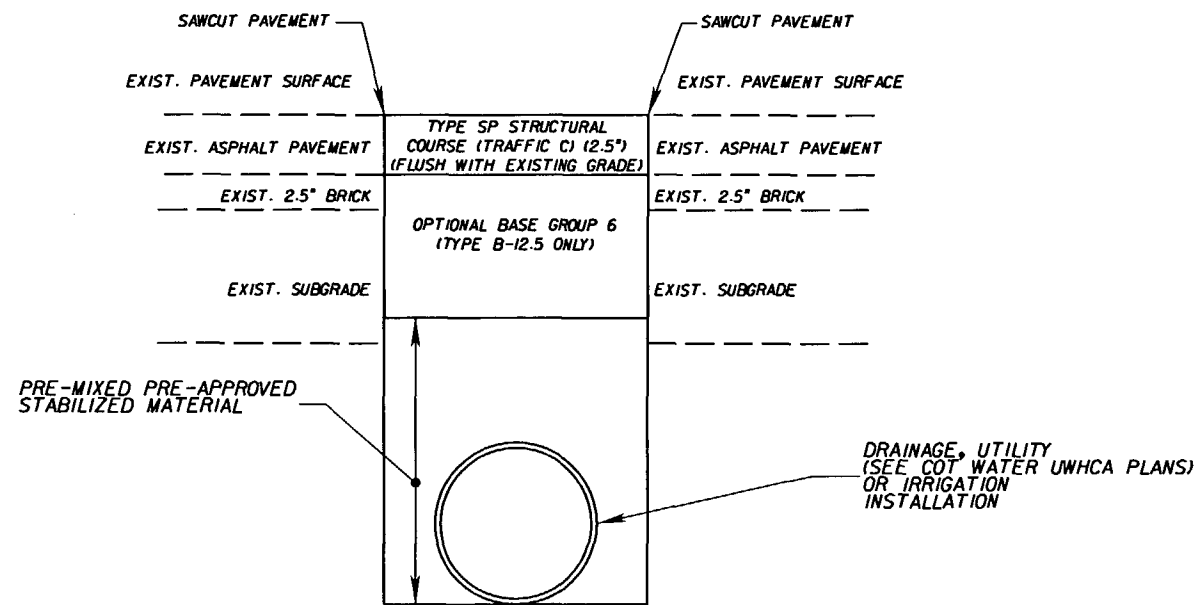
PHASE I

PLACE PROPOSED DRAINAGE STRUCTURE(S) AND PIPE (ALONG WITH POSSIBLE UTILITIES AND/OR IRRIGATION CASING) FOR AREAS CROSSING S.R. 45 AT THE FOLLOWING LOCATIONS:

STA. 104+20  
STA. 225+60

NOTE: SEE TCP GENERAL NOTES FOR SPECIAL LANE CLOSURE RESTRICTIONS.

NOTE: CONTRACTOR MAY CHOOSE TO PROVIDE A ONE-LANE W/ FLAGGER CONFIGURATION DURING THE CONNECTION OF STORM SEWER BETWEEN PHASE IA & IB (IN THE MIDDLE OF THE EXISTING ROADWAY) IF THE WORK ZONE SHOWN ABOVE BECOMES INADEQUATE DURING THIS STAGE OF THE CROSS DRAIN INSTALLATION.



TRENCH CUT PAVEMENT DETAIL  
N.T.S.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

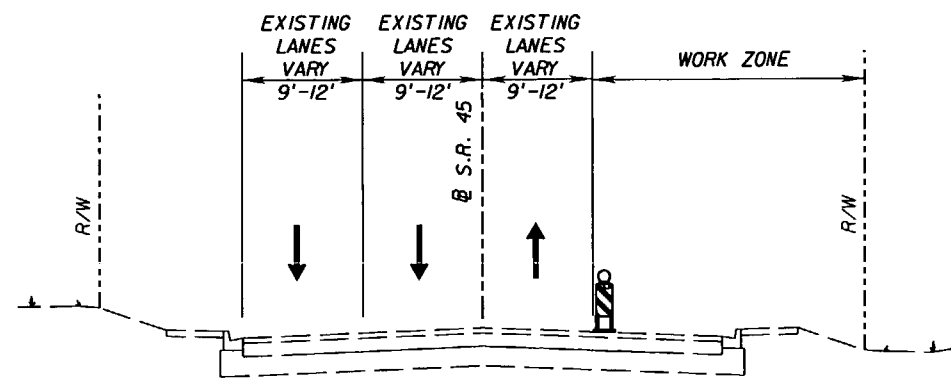
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5300 West Cypress Street  
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

TCP PHASE I  
TYPICAL SECTION & NOTES

SHEET NO.  
191

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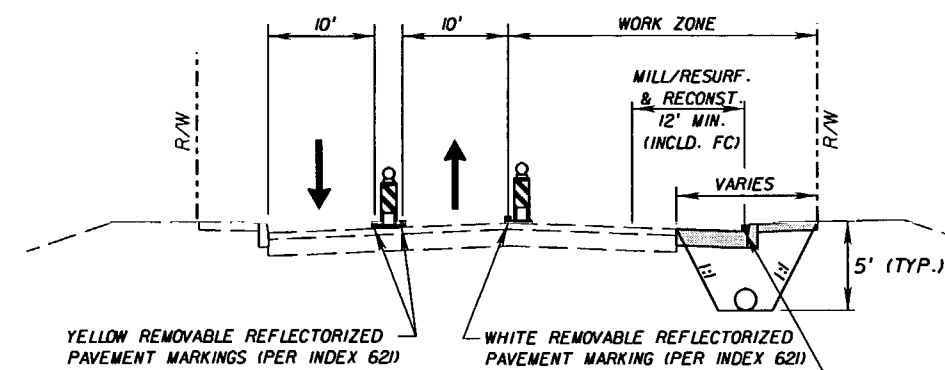
PHASE II A  
TYPICAL SECTION  
STA. 98+84.87 TO STA. 258+63.73  
@ S.R. 45

PHASE II A NOTES

1. INSTALL ALL PERTINENT WARNING SIGNS AND TRAFFIC CONTROL DEVICES. SHIFT NB TRAFFIC ONTO NB INSIDE LANE UTILIZING INDEX 616.
2. PERFORM CURB REVEAL MILLING OPERATIONS ALONG RT. (NB) SIDE OF S.R. 45 TO SPECIFIC SECTIONS AS DESCRIBED ON THE TYPICAL SECTION DETAIL SHEET
3. INSTALL "GROOVED PAVEMENT AHEAD" SIGNS PER ADVANCE WARNING DETAIL SHEET, REMOVE TRAFFIC CONTROL DEVICES AND RESUME TRAFFIC ON EXISTING FACILITY AS NORMAL

LEGEND

- TRAFFIC FLOW DIRECTION
- ▩ CHANNELIZING DEVICE (SEE INDEX 600)



PHASE II B  
TYPICAL SECTION  
(SEE PLAN SHEETS FOR LIMITS)  
@ S.R. 45

PHASE II B NOTES

1. INSTALL ALL PERTINENT WARNING SIGNS AND TRAFFIC CONTROL DEVICES. SHIFT NB TRAFFIC TO THE SB ROADWAY UTILIZING STANDARD INDEX 621.
2. PLACE PROPOSED DRAINAGE STRUCTURE(S) AND PIPE (ALONG WITH POSSIBLE UTILITIES AND/OR IRRIGATION CASING) AND RECONSTRUCT SEGMENTS ALONG NB (RIGHT SIDE) OF S.R. 45 IN AREAS DEPICTED ON PLAN SHEETS, WITHIN THE WORK ZONE SHOWN ABOVE.
3. MILL & RESURFACE NB (RIGHT SIDE) OUTSIDE PAVEMENT (12' MINIMUM).
4. PLACE FRICTION COURSE ON NB (RIGHT SIDE) OUTSIDE PAVEMENT (12' MINIMUM) THROUGHOUT PROJECT LIMITS (INCLUDES MILLING & RESURFACING AREAS AND RECONSTRUCTION AREAS). APPLY TEXTURED PAVEMENT TO AREAS SPECIFIED ON SPECIAL DETAIL SHEETS WITHIN THE WORK ZONE SHOWN ABOVE.
5. PLACE PAINTED STRIPE IN PERMANENT LOCATION ALONG OUTSIDE EDGE OF PAVEMENT ONLY IN LOCATIONS WHERE PERMANENT STRIPING RUNS ALONG EDGE OF PAVEMENT, OTHERWISE USE TEMPORARY TAPE (SEE SIGNING AND PAVEMENT MARKING PLANS).
6. REMOVE TRAFFIC CONTROL DEVICES AND RESUME TRAFFIC ON EXISTING FACILITY AS NORMAL.

LEGEND

- TRAFFIC FLOW DIRECTION
- ▩ CHANNELIZING DEVICE (SEE INDEX 600)

CONCURRENT WORK

- CURB CUT RAMPS, SIDEWALKS, CURB AND GUTTER
- IRRIGATION (INSTALL CASING)
- UTILITY RELOCATION / ADJUSTMENT
- SIGNALIZATION
- DRIVEWAY RECONSTRUCTION
- BUS SHELTER PADS

PHASE II

1. COMPLETE RECONSTRUCTION AREAS ALONG NB (RIGHT SIDE) OF S.R. 45
2. MILL/RESURFACE A MIN. OF 12' FROM OUTSIDE NB (RIGHT SIDE) EOP

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

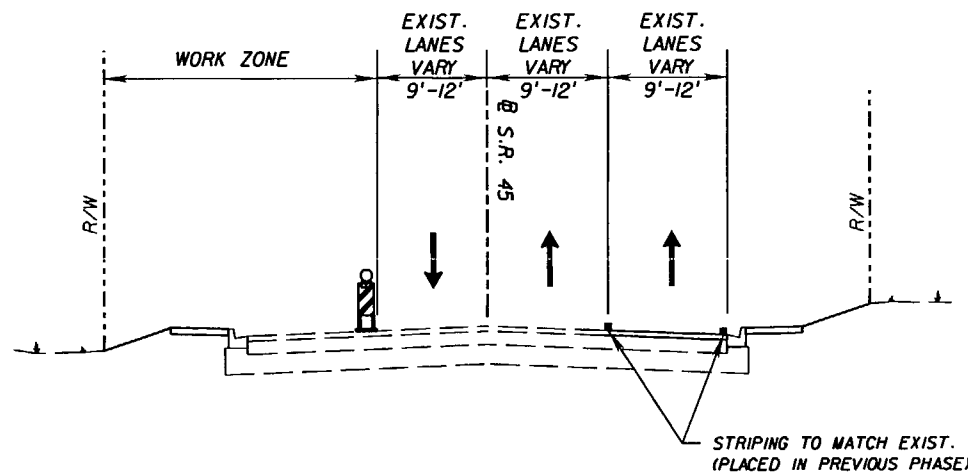
**PBS&J**  
5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of  
Authorization No. 24  
RICHARD HOWARD JR., P.E. #6710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP PHASE II  
TYPICAL SECTION & NOTES**

SHEET  
NO.  
192

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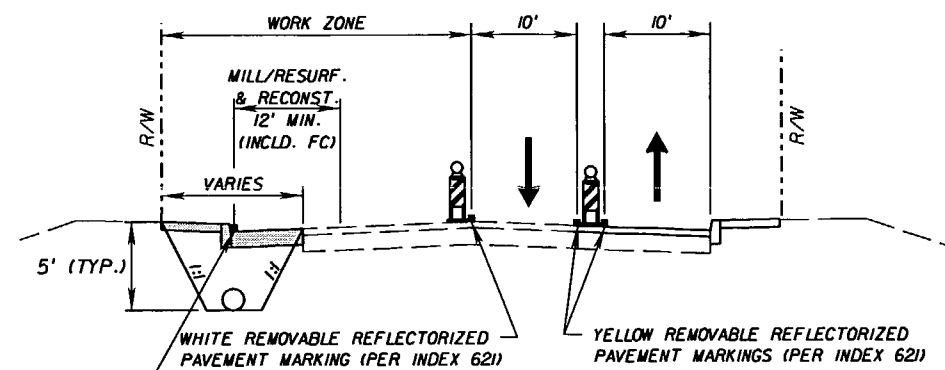
PHASE III A  
TYPICAL SECTION  
STA. 98+89.62 TO STA. 258+58.21  
@ S.R. 45

PHASE III A NOTES

1. INSTALL ALL PERTINENT WARNING SIGNS AND TRAFFIC CONTROL DEVICES. SHIFT SB TRAFFIC ONTO SB INSIDE LANE UTILIZING INDEX 616.
2. PERFORM CURB REVEAL MILLING OPERATIONS ALONG LT. (SB) SIDE OF S.R. 45 TO SPECIFIC SECTIONS AS DESCRIBED ON THE TYPICAL SECTION DETAIL SHEET
3. INSTALL "GROOVED PAVEMENT AHEAD" SIGNS PER ADVANCE WARNING DETAIL SHEET, REMOVE TRAFFIC CONTROL DEVICES AND RESUME TRAFFIC ON EXISTING FACILITY AS NORMAL

LEGEND

- TRAFFIC FLOW DIRECTION
- ▨ CHANNELIZING DEVICE (SEE INDEX 600)



PHASE III B  
TYPICAL SECTION  
(SEE PLAN SHEETS FOR LIMITS)  
@ S.R. 45

PHASE III B NOTES

1. INSTALL ALL PERTINENT WARNING SIGNS AND TRAFFIC CONTROL DEVICES. SHIFT SB TRAFFIC TO THE NB ROADWAY UTILIZING STANDARD INDEX 621.
2. PLACE PROPOSED DRAINAGE STRUCTURE(S) AND PIPE (ALONG WITH POSSIBLE UTILITIES AND/OR IRRIGATION CASING) AND RECONSTRUCT SEGMENTS ALONG SB (LEFT SIDE) OF S.R. 45 IN AREAS DEPICTED ON PLAN SHEETS, WITHIN THE WORK ZONE SHOWN ABOVE.
3. MILL & RESURFACE SB (LEFT SIDE) OUTSIDE PAVEMENT (12' MINIMUM).
4. PLACE FRICTION COURSE ON SB (LEFT SIDE) OUTSIDE PAVEMENT (12' MINIMUM) THROUGHOUT PROJECT LIMITS (INCLUDES MILLING & RESURFACING AREAS AND RECONSTRUCTION AREAS). APPLY TEXTURED PAVEMENT TO AREAS SPECIFIED ON SPECIAL DETAIL SHEETS WITHIN THE WORK ZONE SHOWN ABOVE.
5. PLACE PAINTED STRIPE IN PERMANENT LOCATION ALONG OUTSIDE EDGE OF PAVEMENT ONLY IN LOCATIONS WHERE PERMANENT STRIPING RUNS ALONG EDGE OF PAVEMENT, OTHERWISE USE TEMPORARY TAPE (SEE SIGNING AND PAVEMENT MARKING PLANS).
6. REMOVE TRAFFIC CONTROL DEVICES AND RESUME TRAFFIC ON EXISTING FACILITY AS NORMAL.

LEGEND

- TRAFFIC FLOW DIRECTION
- ▨ CHANNELIZING DEVICE (SEE INDEX 600)

PHASE III

1. COMPLETE RECONSTRUCTION AREAS ALONG SB (LEFT SIDE) OF S.R. 45
2. MILL/RESURFACE A MIN. OF 12' FROM OUTSIDE SB (LEFT SIDE) EOP

CONCURRENT WORK

- CURB CUT RAMPS, SIDEWALKS, CURB AND GUTTER
- IRRIGATION (INSTALL CASING)
- UTILITY RELOCATION / ADJUSTMENT
- SIGNALIZATION
- DRIVEWAY RECONSTRUCTION
- BUS SHELTER PADS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

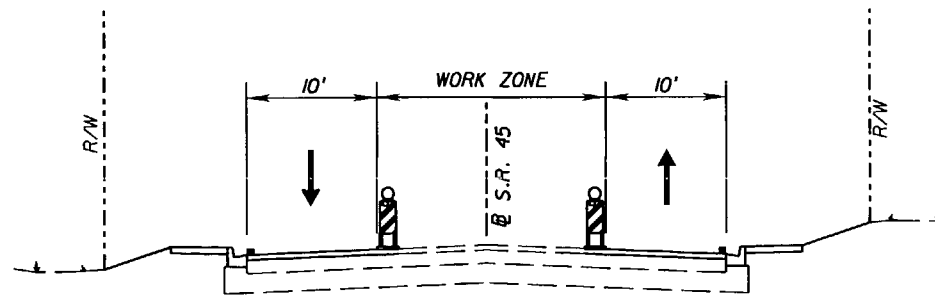
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5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of  
Authorization No. 24  
RICHARD HOWARD JR., P.E. #6710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP PHASE III  
TYPICAL SECTION & NOTES**

SHEET NO.  
193

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PHASE IV C  
TYPICAL SECTION  
(SEE PLAN SHEETS FOR LIMITS)  
S.R. 45

PHASE IV NOTES

1. INSTALL ALL PERTINENT WARNING SIGNS AND TRAFFIC CONTROL DEVICES. SHIFT NB AND SB TRAFFIC ONTO THE OUTSIDE EDGES OF PAVEMENT UTILIZING INDEX 616.
2. COMPLETE MILLING & RESURFACING.
3. CONSTRUCT MEDIAN ISLANDS, PLACE TEXTURED PAVEMENT AND PLACE FRICTION COURSE.
4. UTILIZING STANDARD INDEX SERIES 600, FINALIZE CONSTRUCTION, RESTRIPE TO ULTIMATE CONFIGURATION (SEE SIGNING & PAVEMENT MARKING PLANS) AND OPEN TRAFFIC TO ULTIMATE CONFIGURATION.

LEGEND

- TRAFFIC FLOW DIRECTION
- ▤ CHANNELIZING DEVICE (SEE INDEX 600)

PHASE IV

1. UTILIZING STANDARD INDEX SERIES 600, APPLY TEXTURED PAVEMENT (SEE SPECIAL DETAIL SHEETS), COMPLETE THE CONSTRUCTION OF MEDIAN ISLANDS, PLACE FRICTION COURSE, COMPLETE SIGNALIZATION AND APPLY FINAL PAVEMENT MARKINGS W/ PERMANENT RPMS ON LANE LINES.
2. COMPLETE CONSTRUCTION AND OPEN TO ULTIMATE CONFIGURATION.

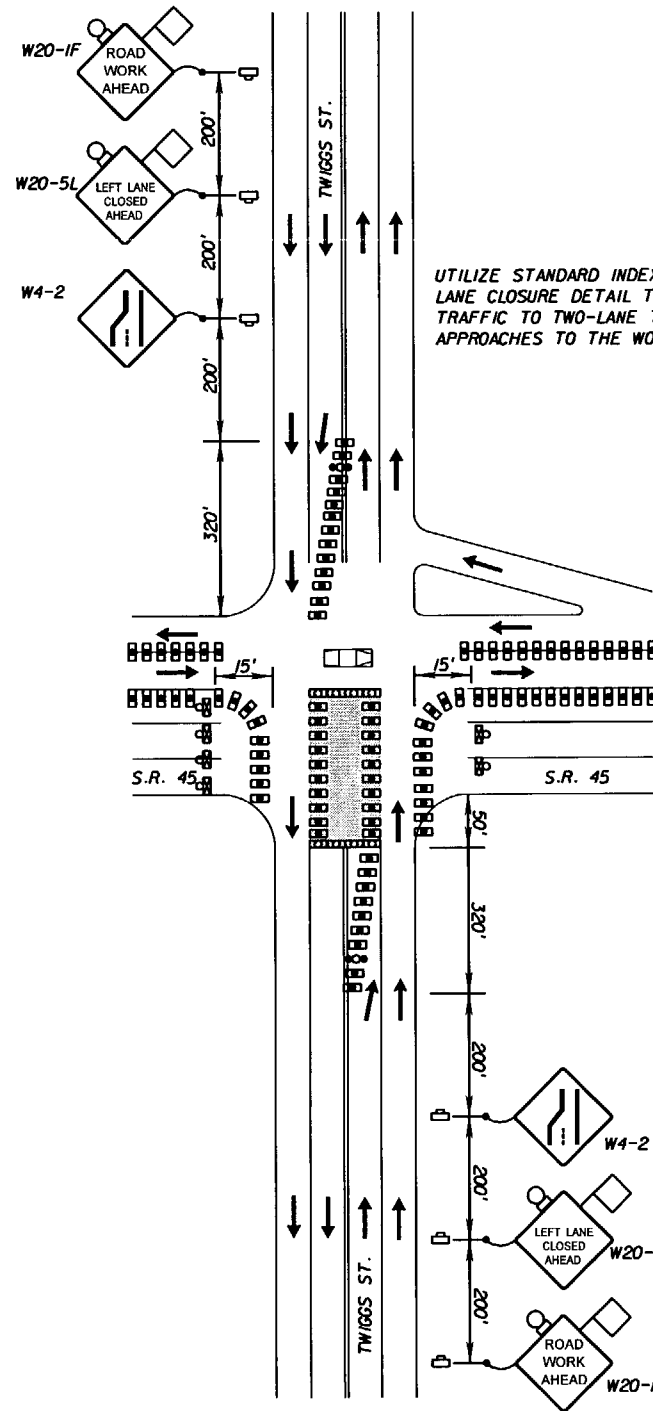
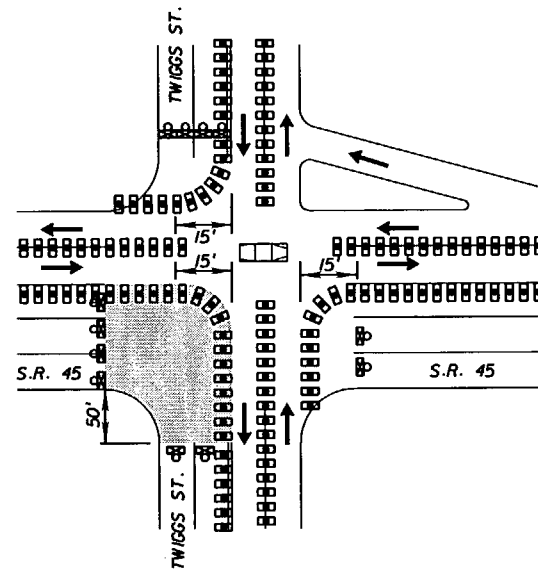
CONCURRENT WORK

- CURB CUT RAMPS, SIDEWALKS, CURB AND GUTTER
- SIGNALIZATION
- DRIVEWAY RECONSTRUCTION
- BUS SHELTER PADS

REVISIONS						5300 West Cypress Street Suite 200 Tampa, Florida 33607-1768 FBPE Certificate of Authorization No. 24 RICHARD HOWARD JR., P.E. #6710	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TCP PHASE IV TYPICAL SECTION & NOTES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		194
						S.R. 45	HILLSBOROUGH	255853-1-52-01			

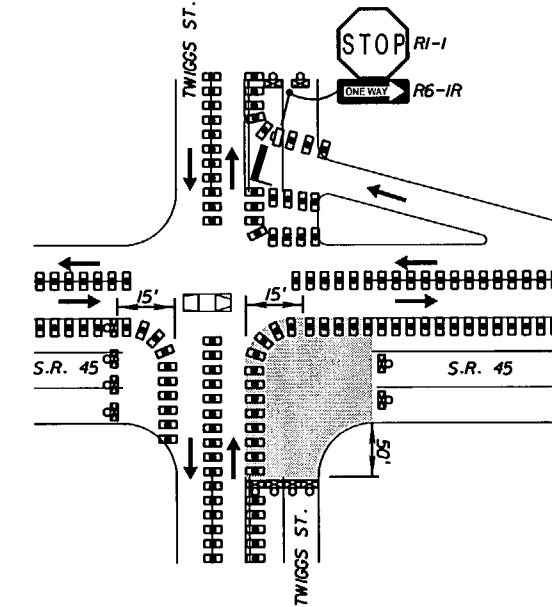


UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA. UTILIZE STANDARD INDEX 624 TO CONVERT TWIGGS ST. TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA. UTILIZE STANDARD INDEX 624 TO CONVERT TWIGGS ST. TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



**NOTES**

- LAW ENFORCEMENT WILL CONTROL ALL TRAFFIC MOVEMENTS.
- SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

**S.R. 45 AND TWIGGS ST. INTERSECTION CROSSING DETAIL**

PLAN VIEW  
N.T.S.

LEGEND	
	Work Zone Sign
	Advance Warning Arrow Panel
	Law Enforcement Officer
	Lane Identification and Direction of Traffic
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
	Type III Barricade (With Flashing Light)
	Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light
	Stop Bar

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**PBS&J**  
 5300 West Cypress Street  
 Suite 200  
 Tampa, Florida 33607-1768  
 FBPE Certificate of  
 Authorization No. 24  
 RICHARD HOWARD JR., P.E. #61710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.  
195

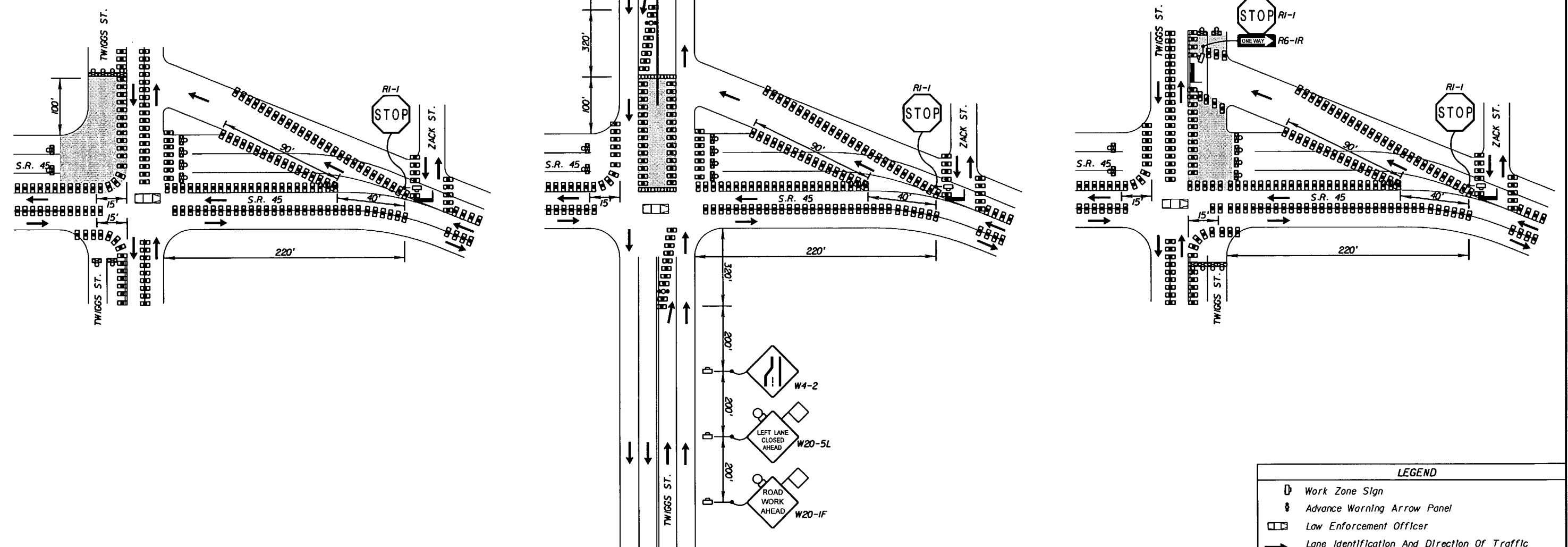
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UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA. UTILIZE STANDARD INDEX 624 TO CONVERT TWIGGS ST. TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA. UTILIZE STANDARD INDEX 624 TO CONVERT TWIGGS ST. TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



S.R. 45 AND TWIGGS ST. INTERSECTION CROSSING DETAIL

PLAN VIEW  
N.T.S.

**NOTES**

1. LAW ENFORCEMENT WILL CONTROL ALL TRAFFIC MOVEMENTS.
2. SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

LEGEND	
	Work Zone Sign
	Advance Warning Arrow Panel
	Law Enforcement Officer
	Lane Identification And Direction Of Traffic
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
	Type III Barricade (With Flashing Light)
	Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light
	Stop Bar

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

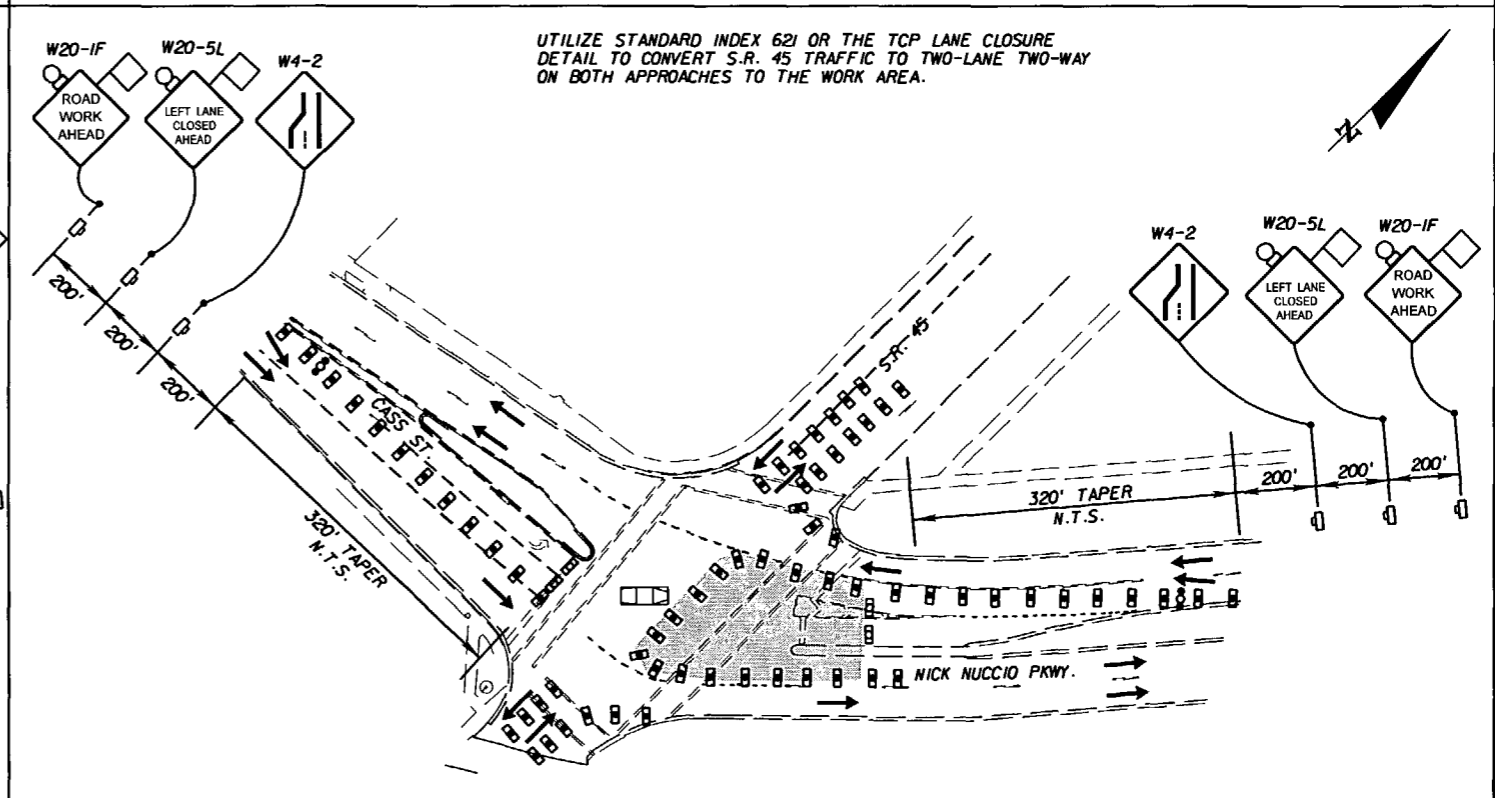
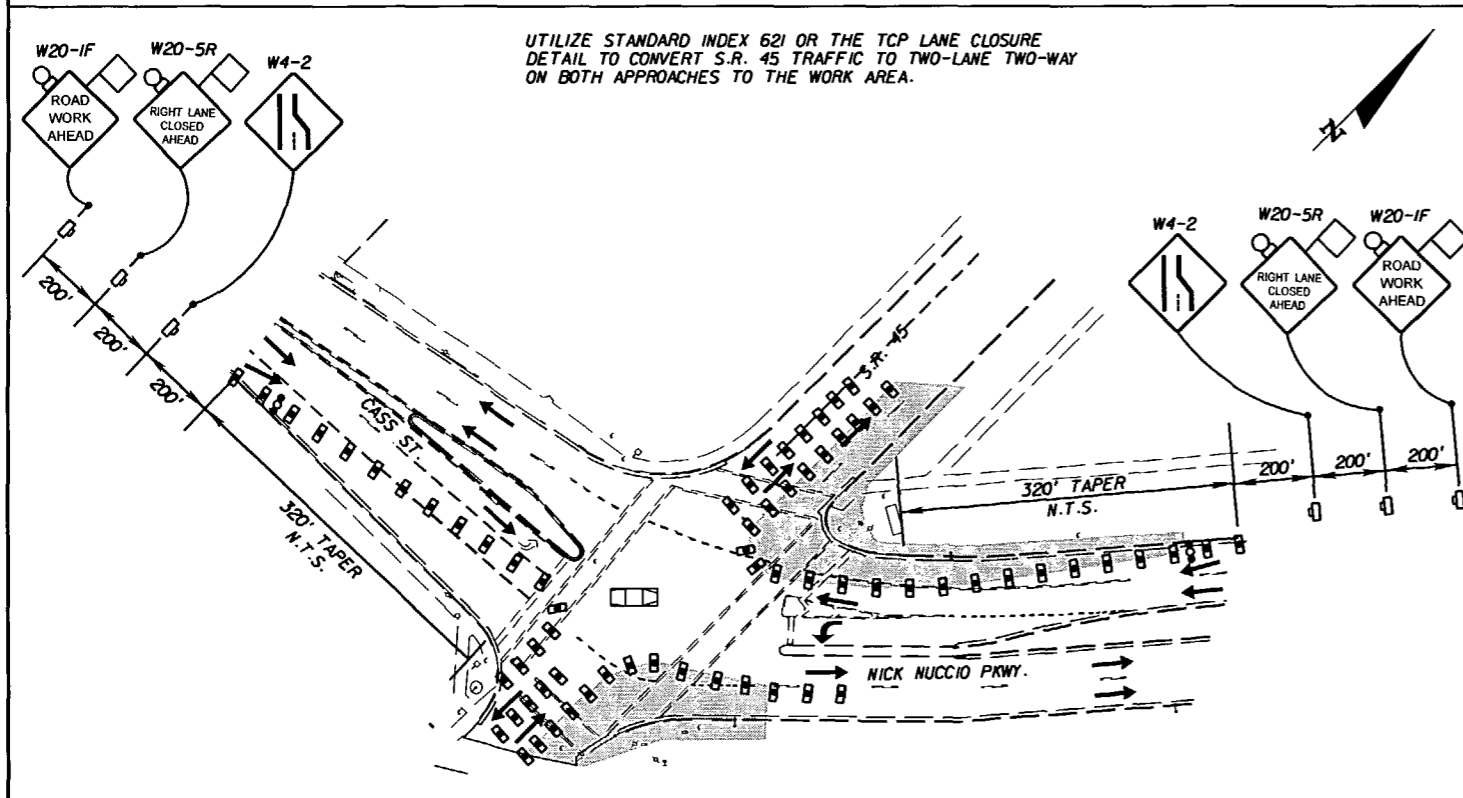
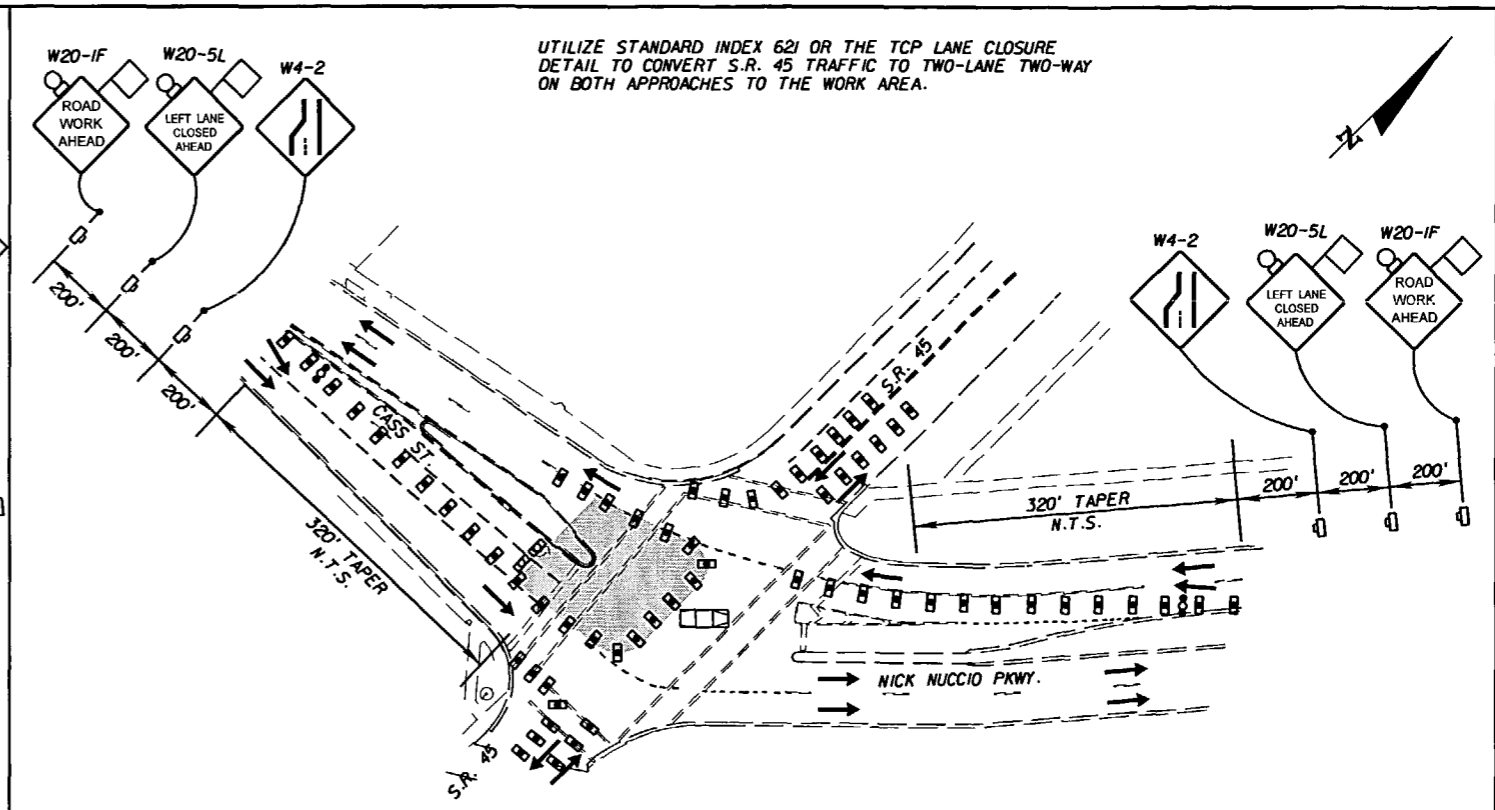
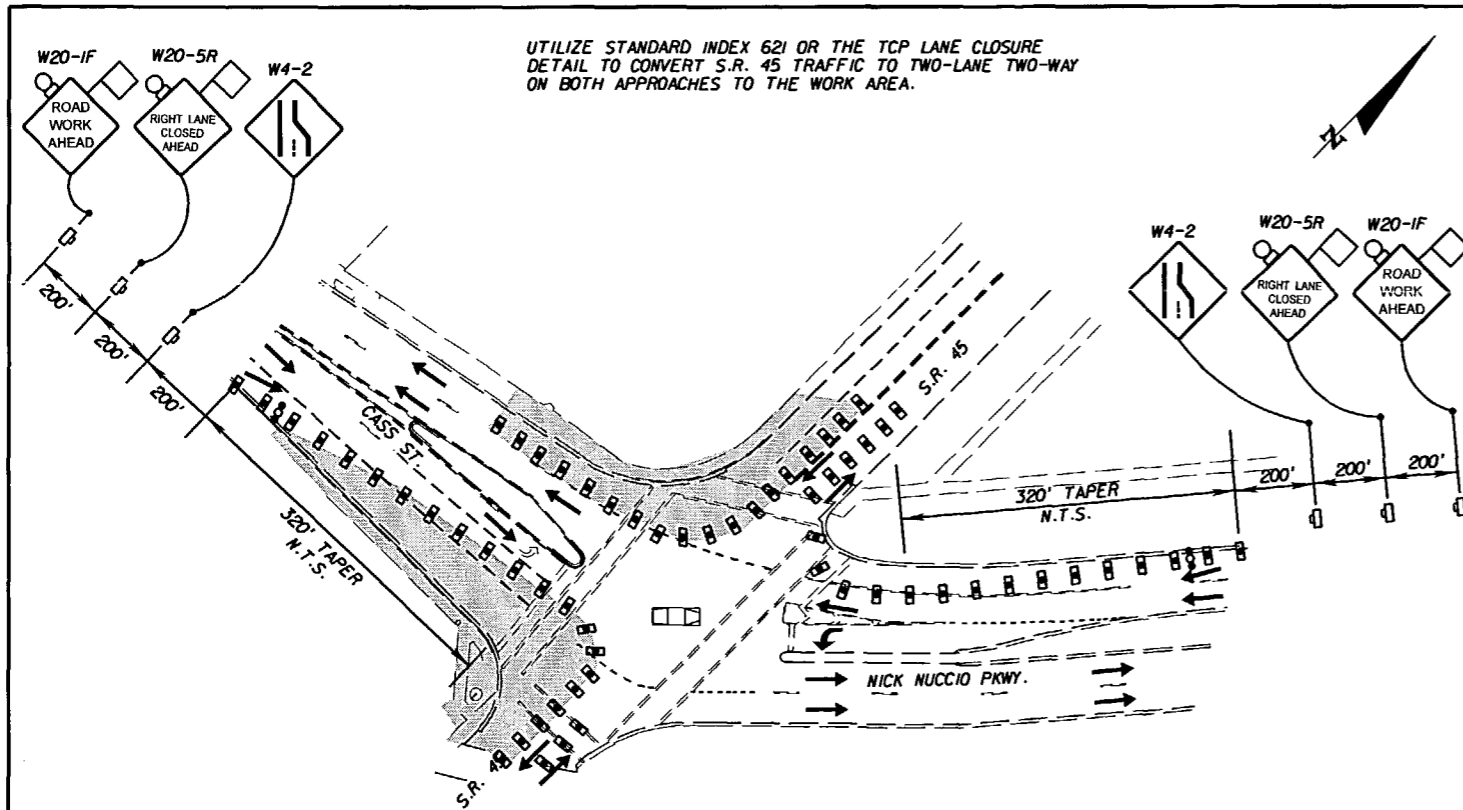
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FBPE Certificate of  
Authorization No. 24  
RICHARD HOWARD JR., P.E. #6710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.
196

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**NOTES**

1. LAW ENFORCEMENT WILL CONTROL ALL TRAFFIC MOVEMENTS.
2. SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

**S.R. 45 AND NUCCIO PKWY. INTERSECTION CROSSING DETAIL**

PLAN VIEW  
N.T.S.

LEGEND	
	Lane Identification And Direction Of Traffic
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light
	Work Zone Sign
	Law Enforcement Officer
	Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
	Advance Warning Arrow Panel

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**PBS&J** 5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of Authorization No. 24  
RICHARD HOWARD JR., P.E. #61710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.
197

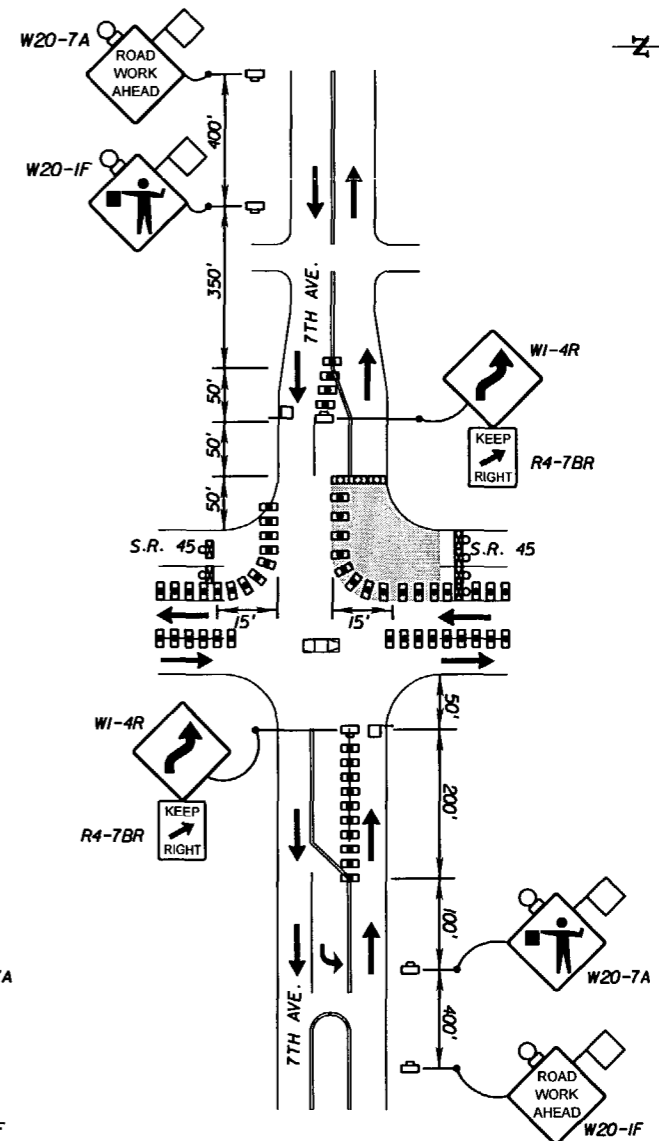
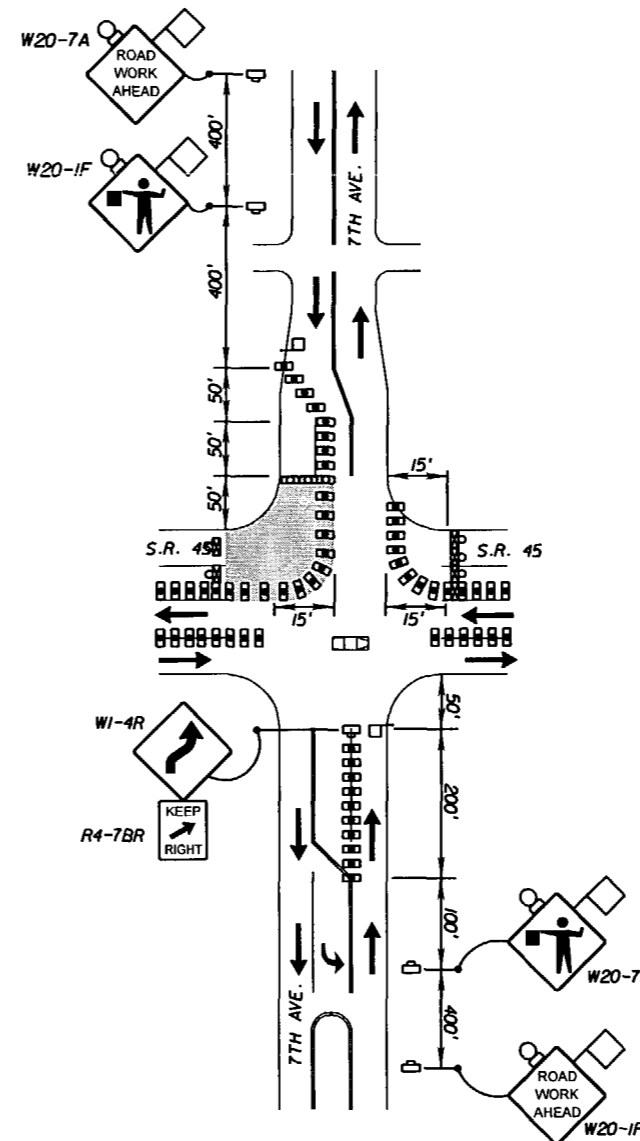
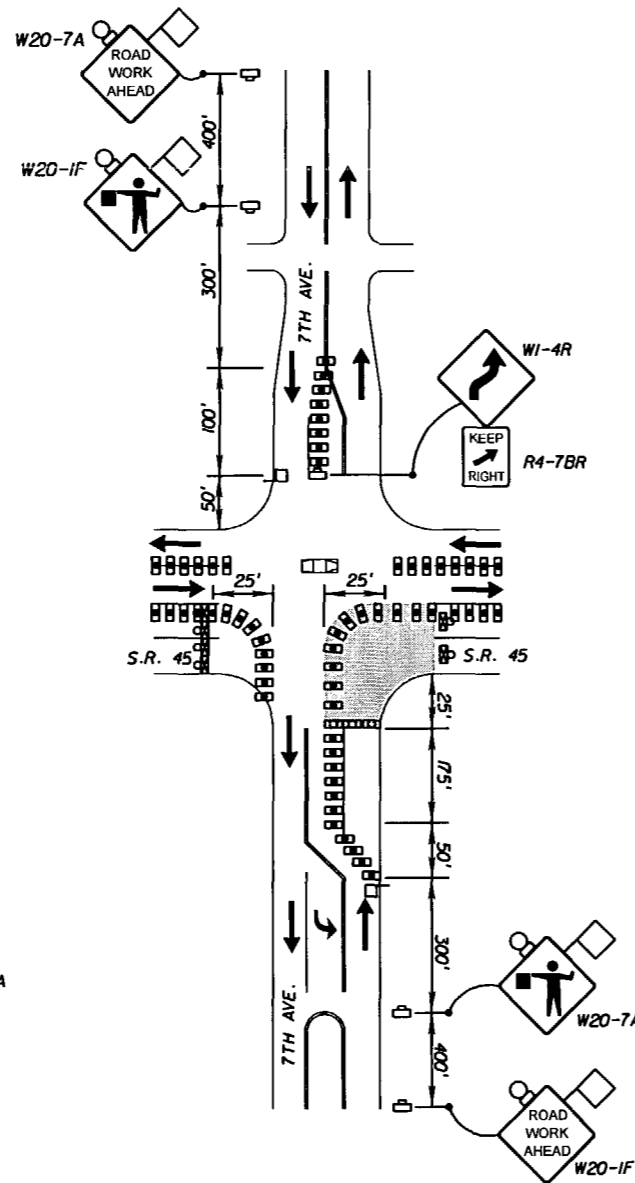
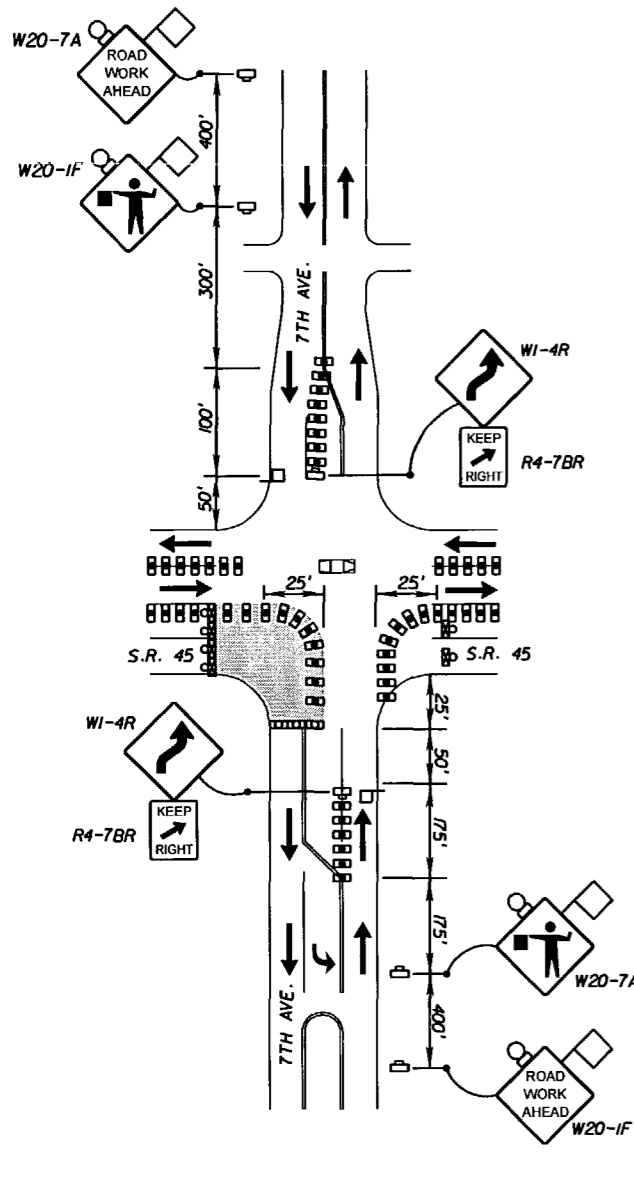
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



**NOTES**

- LAW ENFORCEMENT MUST STOP BOTH DIRECTIONS OF TRAFFIC ON S.R. 45 BEFORE FLAGGERS MAY BEGIN MOVING 7TH AVENUE TRAFFIC.
- SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

**S.R. 45 AND 7TH AVE. INTERSECTION CROSSING TYPICAL DETAIL**

PLAN VIEW  
N.T.S.

LEGEND	
	Work Zone Sign
	Law Enforcement Officer
	Lane Identification And Direction Of Traffic
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
	Type III Barricade (With Flashing Light)
	Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light
	Flagger

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

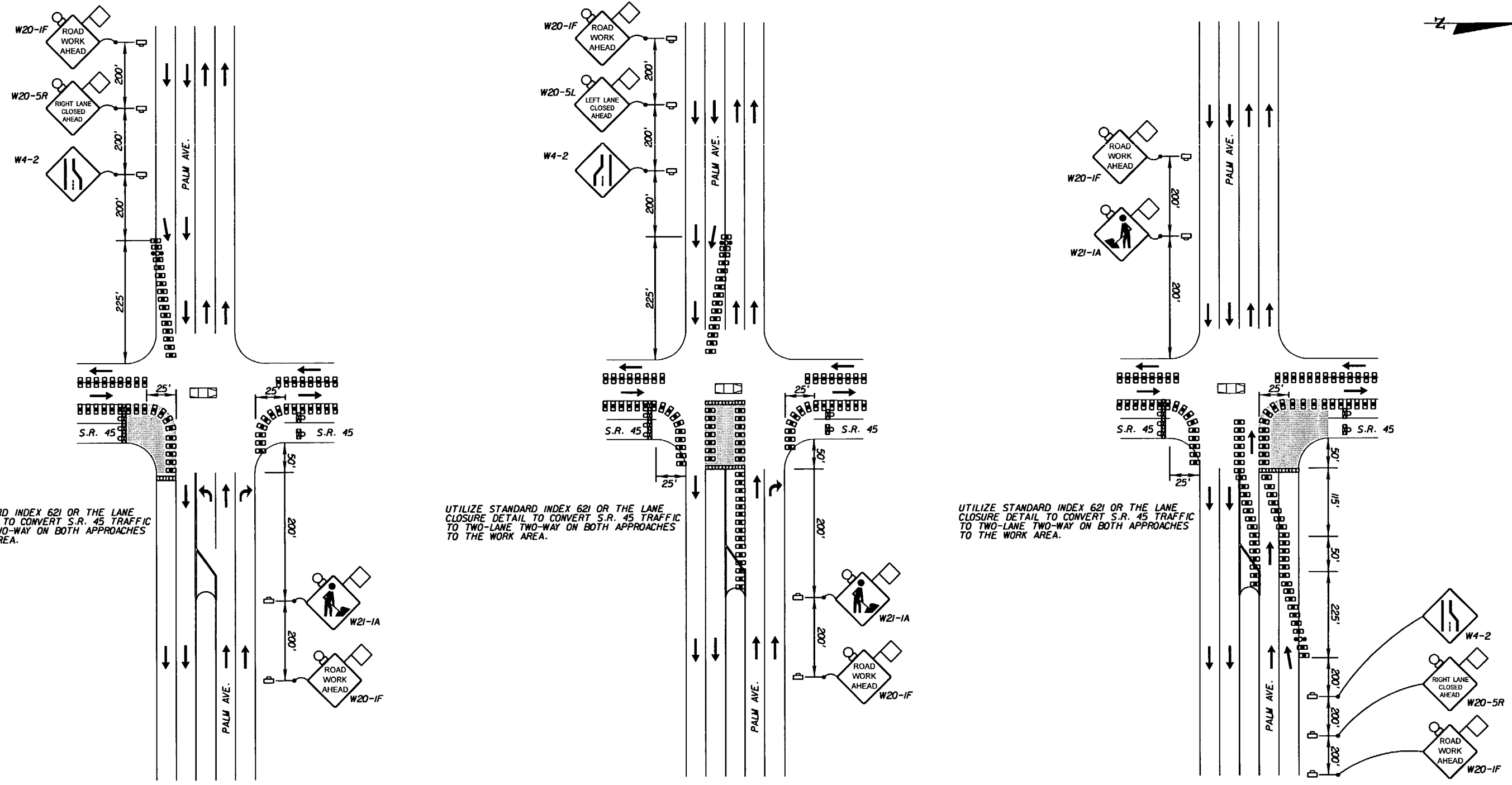
**PBS&J** 5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of Authorization No. 24  
RICHARD HOWARD JR., P.E. #6710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.  
198

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



UTILIZE STANDARD INDEX 621 OR THE LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

S.R. 45 AND PALM AVE. INTERSECTION CROSSING DETAIL

PLAN VIEW  
N.T.S.

NOTES

- LAW ENFORCEMENT WILL CONTROL ALL TRAFFIC MOVEMENTS.
- SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

LEGEND	
	Work Zone Sign
	Advance Warning Arrow Panel
	Law Enforcement Officer
	Lane Identification And Direction Of Traffic
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
	Type III Barricade (With Flashing Light)
	Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

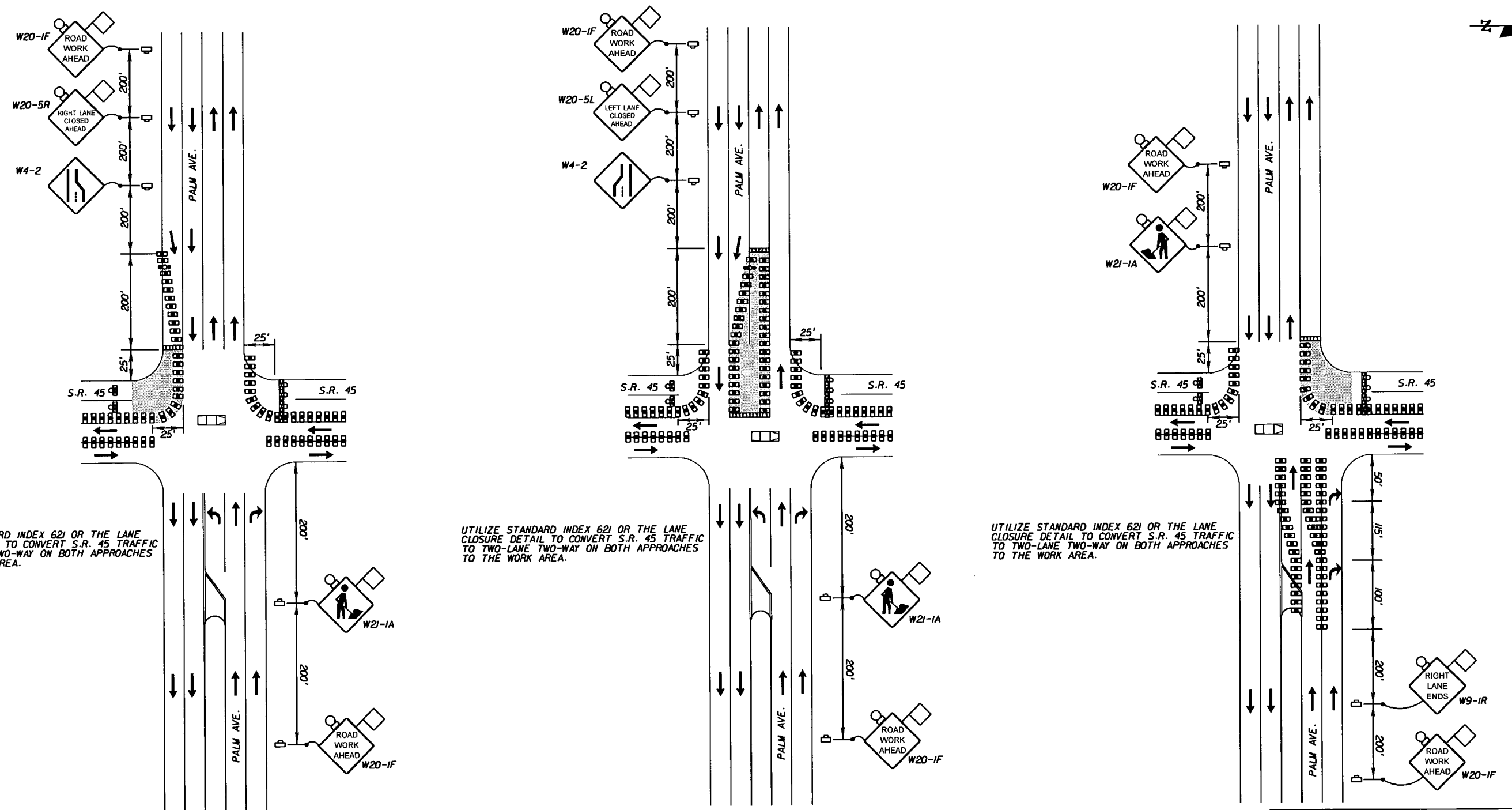
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 FBPE Certificate of  
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 RICHARD HOWARD JR., P.E. #6710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.
199

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60G5-23.003, F.A.C.



UTILIZE STANDARD INDEX 621 OR THE LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

S.R. 45 AND PALM AVE. INTERSECTION CROSSING DETAIL

PLAN VIEW  
N.T.S.

- NOTES**
- LAW ENFORCEMENT WILL CONTROL ALL TRAFFIC MOVEMENTS.
  - SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

**LEGEND**

- Work Zone Sign
- Advance Warning Arrow Panel
- Law Enforcement Officer
- Lane Identification And Direction Of Traffic
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
- Type III Barricade (With Flashing Light)
- Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 5300 West Cypress Street  
 Suite 200  
 Tampa, Florida 33607-1768  
 FBPE Certificate of  
 Authorization No. 24  
 RICHARD HOWARD JR., P.E. #6710

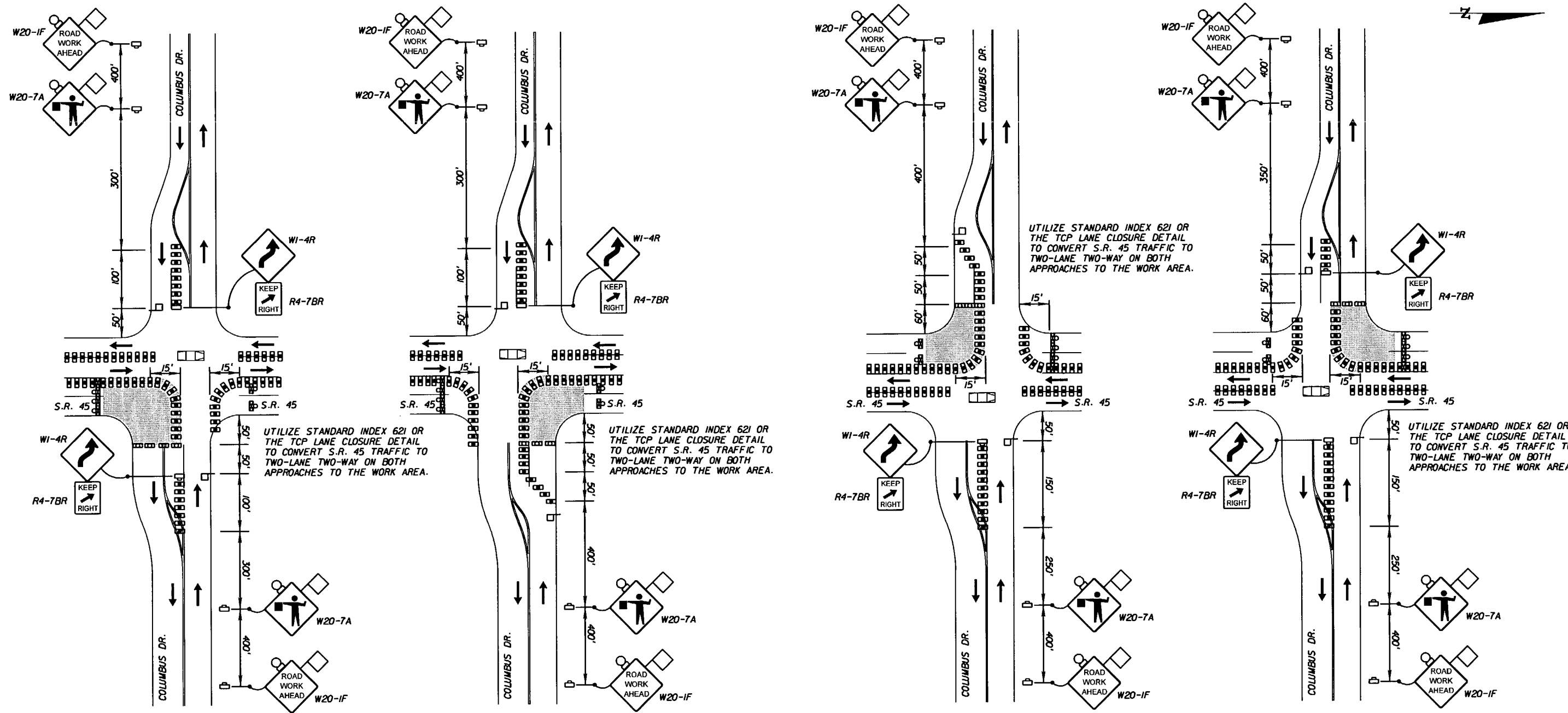
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.
200

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UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

**NOTES**

- LAW ENFORCEMENT MUST STOP BOTH DIRECTIONS OF TRAFFIC ON S.R. 45 BEFORE FLAGGERS MAY BEGIN MOVING COLUMBUS DRIVE TRAFFIC.
- SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

**S.R. 45 AND COLUMBUS DR. INTERSECTION CROSSING DETAIL**

PLAN VIEW  
N.T.S.

LEGEND	
	Work Zone Sign
	Law Enforcement Officer
	Lane Identification And Direction Of Traffic
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
	Type III Barricade (With Flashing Light)
	Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light
	Flagger

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**PBS&J**  
5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of  
Authorization No. 24  
RICHARD HOWARD JR., P.E. #61710

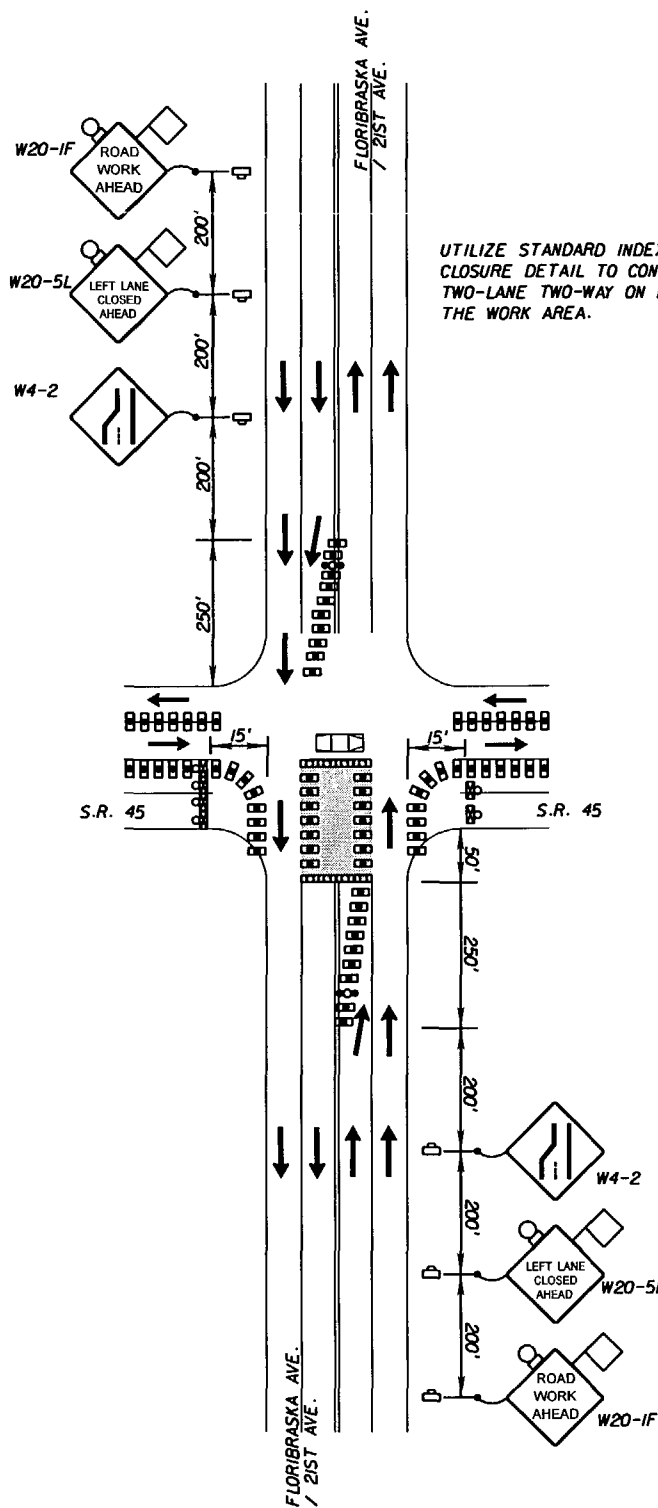
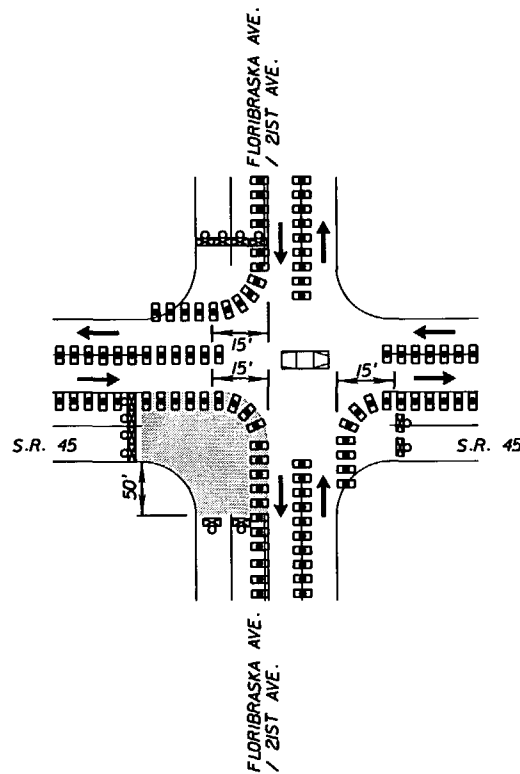
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.	201
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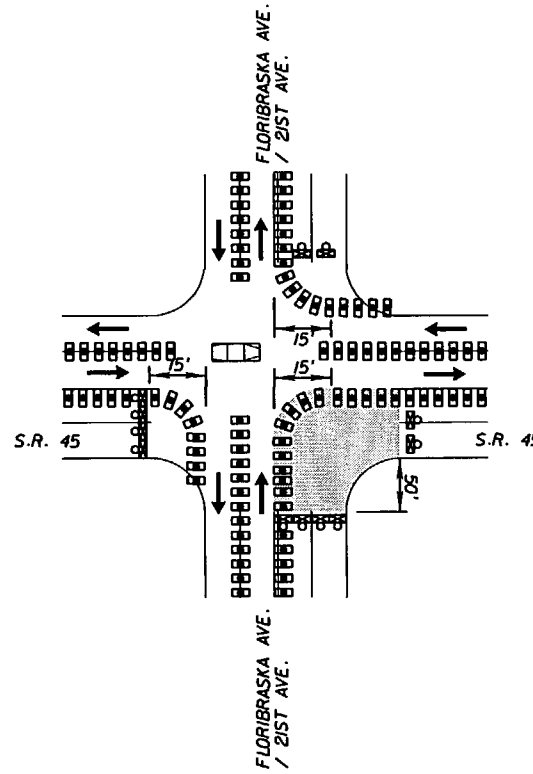
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA. UTILIZE STANDARD INDEX 624 TO CONVERT FLORIBASKA AVE. / 21ST AVE. TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA. UTILIZE STANDARD INDEX 624 TO CONVERT FLORIBASKA AVE. / 21ST AVE. TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



S.R. 45 AND FLORIBASKA AVE. / 21ST AVE. INTERSECTION CROSSING DETAIL

PLAN VIEW  
N.T.S.

NOTES

- LAW ENFORCEMENT WILL CONTROL ALL TRAFFIC MOVEMENTS.
- SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

LEGEND	
	Work Zone Sign
	Advance Warning Arrow Panel
	Law Enforcement Officer
	Lane Identification and Direction of Traffic
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
	Type III Barricade (With Flashing Light)
	Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

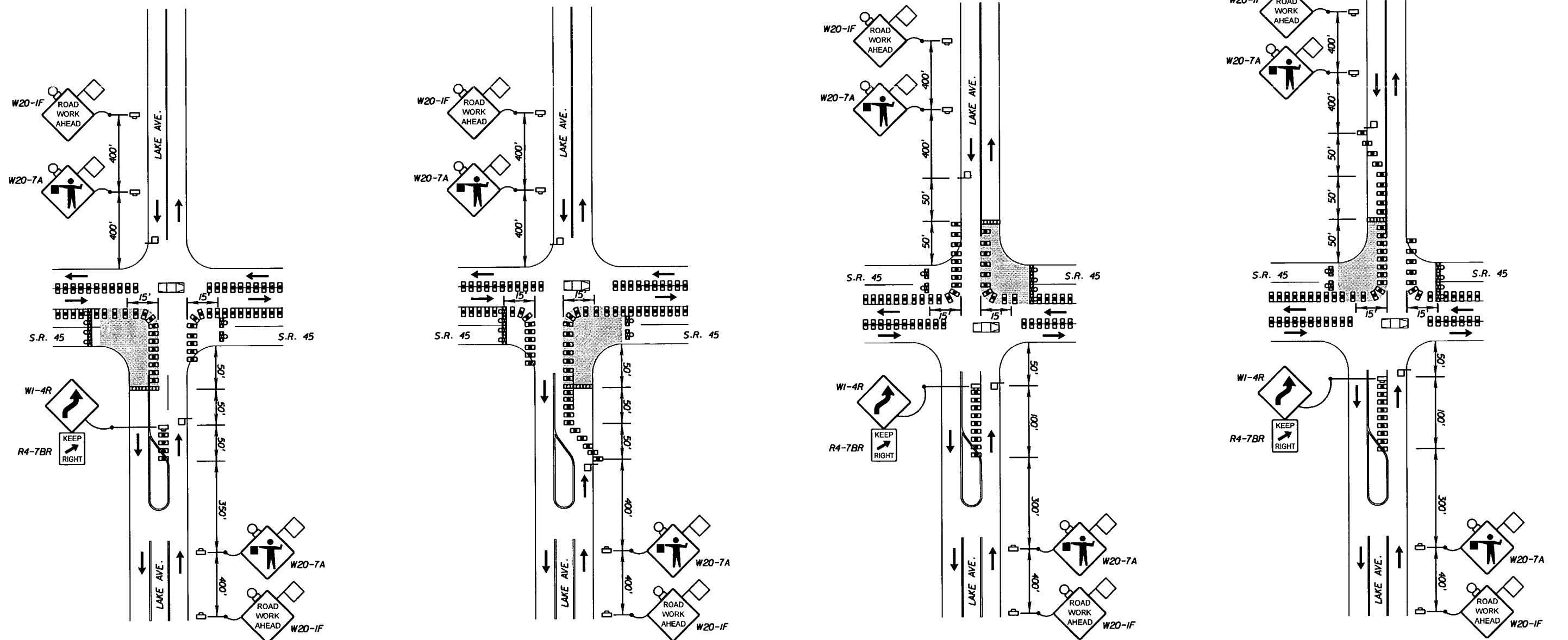
**PBS&J**  
5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of Authorization No. 24  
RICHARD HOWARD JR., P.E. #6710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

TCP INTERSECTION  
CROSSING DETAIL SHEET

SHEET NO.  
202

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6815-23.003, F.A.C.



UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

S.R. 45 AND LAKE AVE. INTERSECTION CROSSING DETAIL

PLAN VIEW  
N.T.S.

LEGEND	
	Work Zone Sign
	Law Enforcement Officer
	Lane Identification And Direction Of Traffic
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
	Type III Barricade (With Flashing Light)
	Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light
	Flagger

NOTES

- LAW ENFORCEMENT MUST STOP BOTH DIRECTIONS OF TRAFFIC ON S.R. 45 BEFORE FLAGGERS MAY BEGIN MOVING LAKE AVENUE TRAFFIC.
- SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

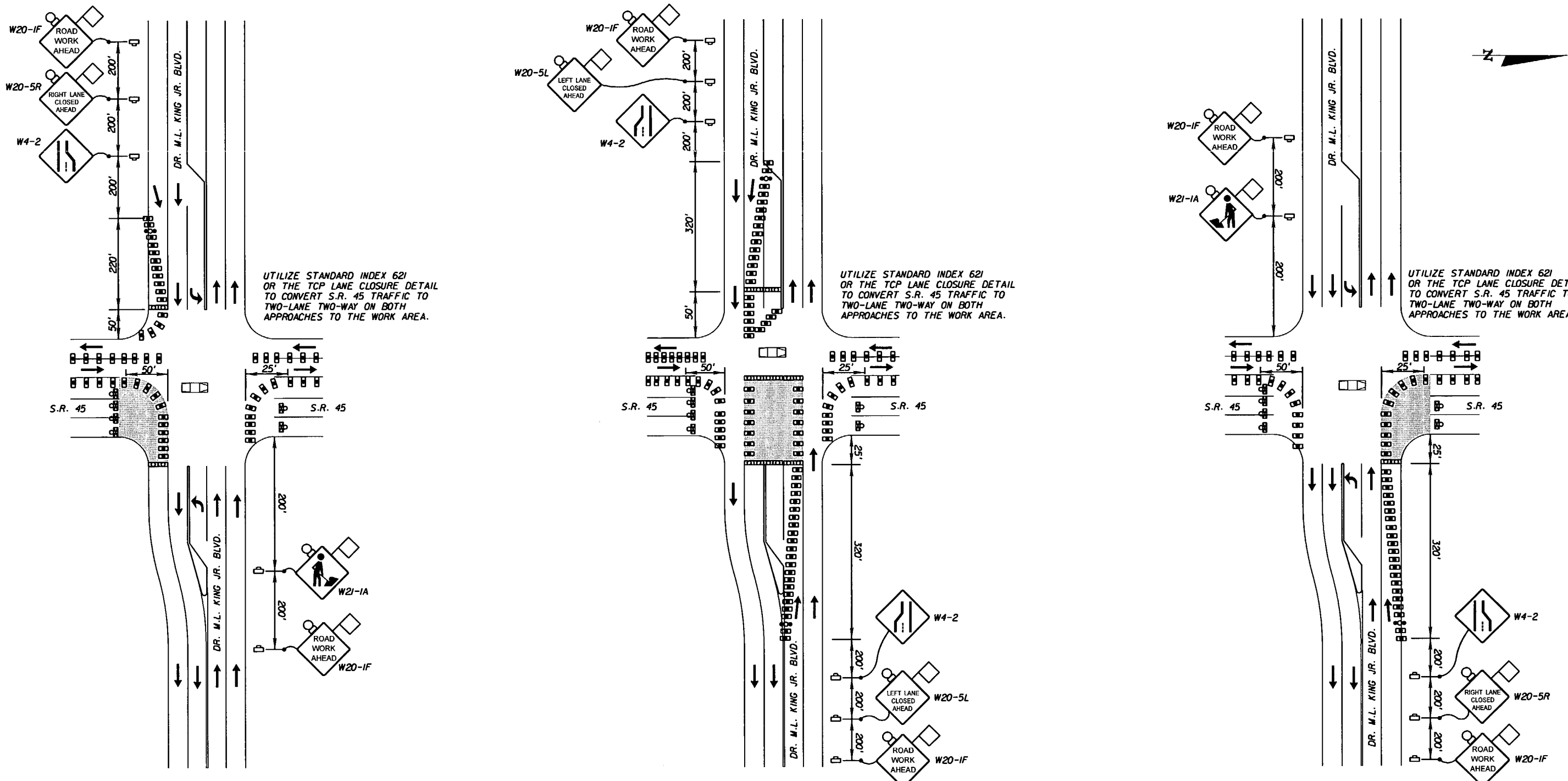
**PBS&J**  
5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of Authorization No. 24  
RICHARD HOWARD JR., P.E. #6710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

TCP INTERSECTION  
CROSSING DETAIL SHEET

SHEET NO.
203

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

S.R. 45 AND DR. M.L. KING JR. BLVD. INTERSECTION CROSSING DETAIL

PLAN VIEW  
N.T.S.

- NOTES**
- LAW ENFORCEMENT WILL CONTROL ALL TRAFFIC MOVEMENTS.
  - SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

LEGEND	
	Work Zone Sign
	Advance Warning Arrow Panel
	Law Enforcement Officer
	Lane Identification and Direction of Traffic
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
	Type III Barricade (With Flashing Light)
	Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

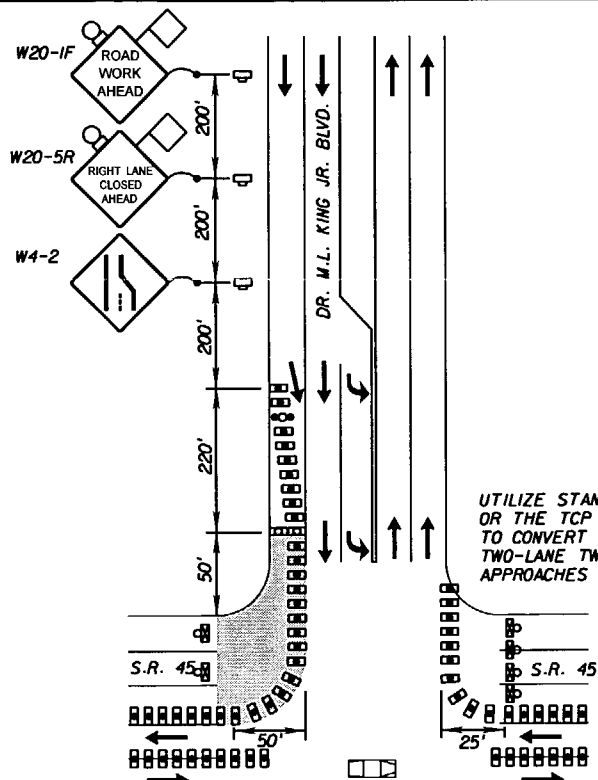
**PBS&J** 5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of Authorization No. 24  
RICHARD HOWARD JR., P.E. #61710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

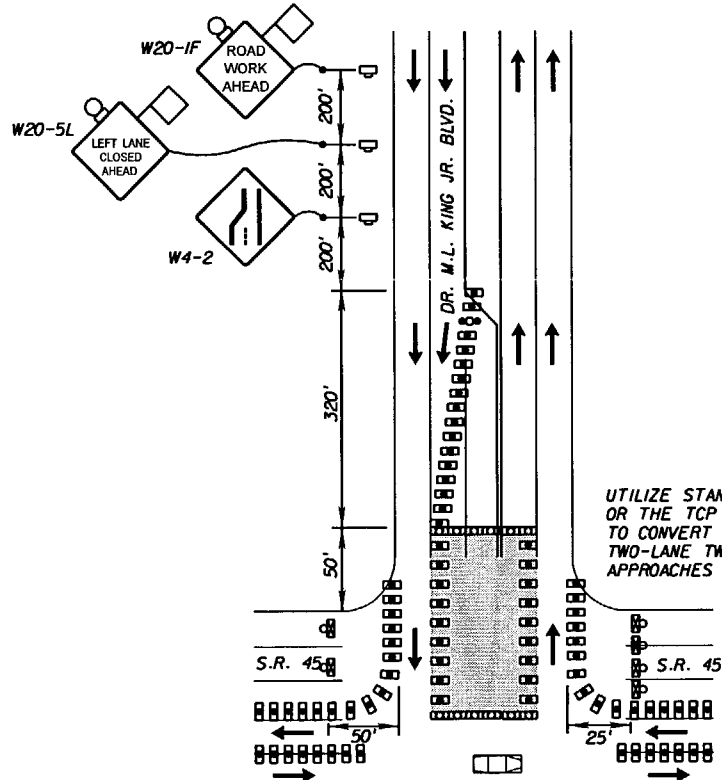
**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.	204
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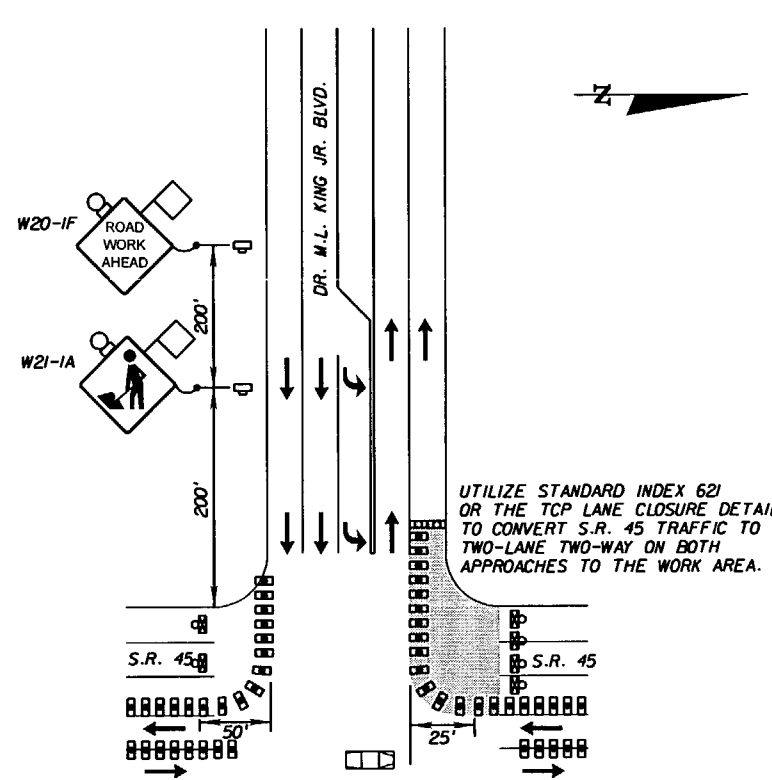
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



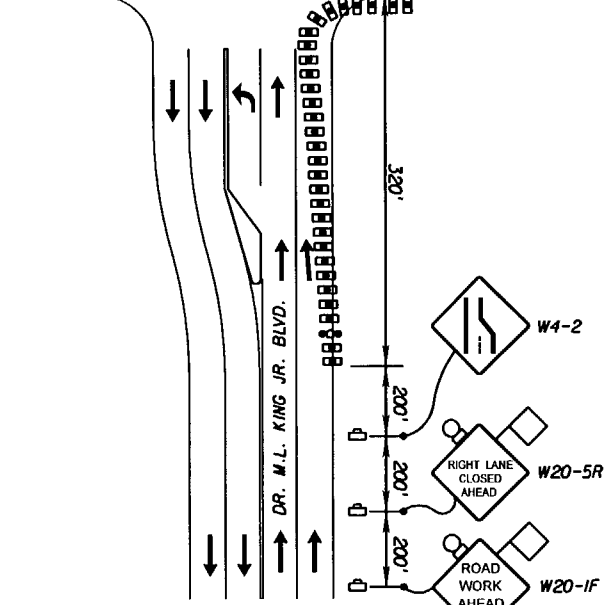
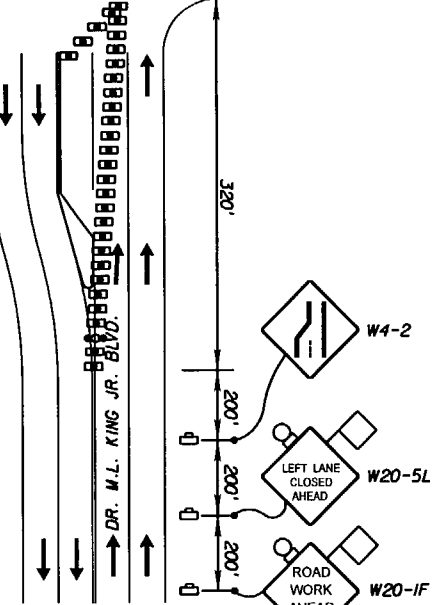
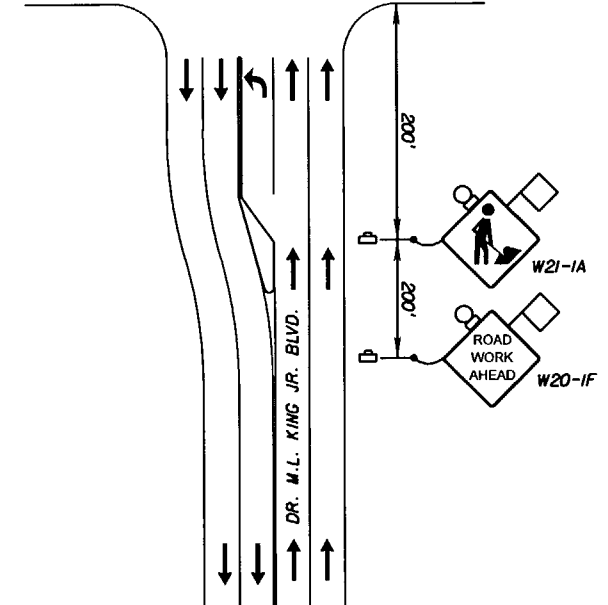
UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



S.R. 45 AND DR. M.L. KING JR. BLVD. INTERSECTION CROSSING DETAIL

PLAN VIEW  
N.T.S.

- NOTES**
- LAW ENFORCEMENT WILL CONTROL ALL TRAFFIC MOVEMENTS.
  - SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

LEGEND	
	Work Zone Sign
	Advance Warning Arrow Panel
	Law Enforcement Officer
	Lane Identification And Direction Of Traffic
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
	Type III Barricade (With Flashing Light)
	Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**PBS&J** 5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of Authorization No. 24  
RICHARD HOWARD JR., P.E. #6710

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.  
205

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

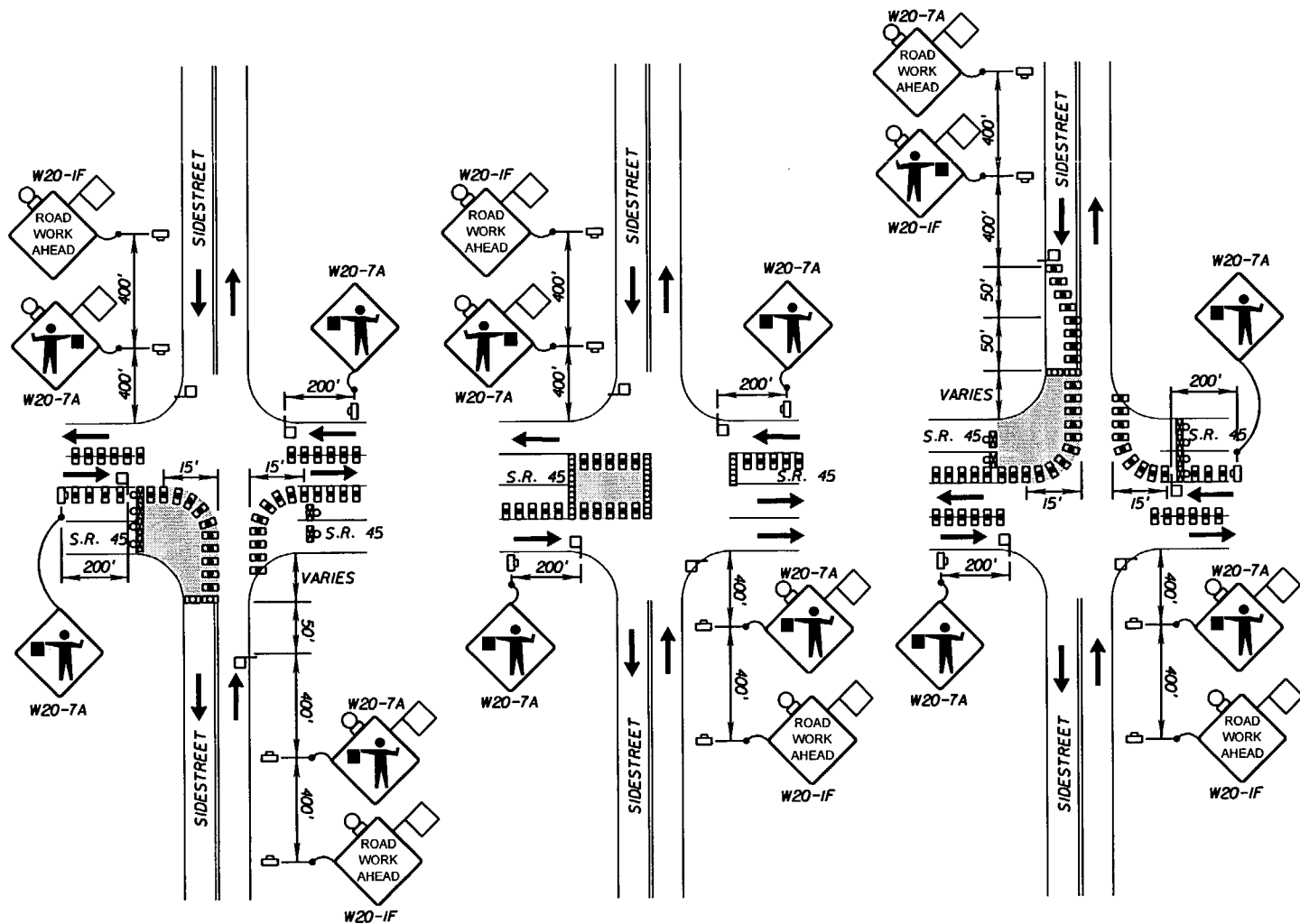
UTILIZE STANDARD INDEX 616 TO CLOSE THE INSIDE LANES ON S.R. 45 ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

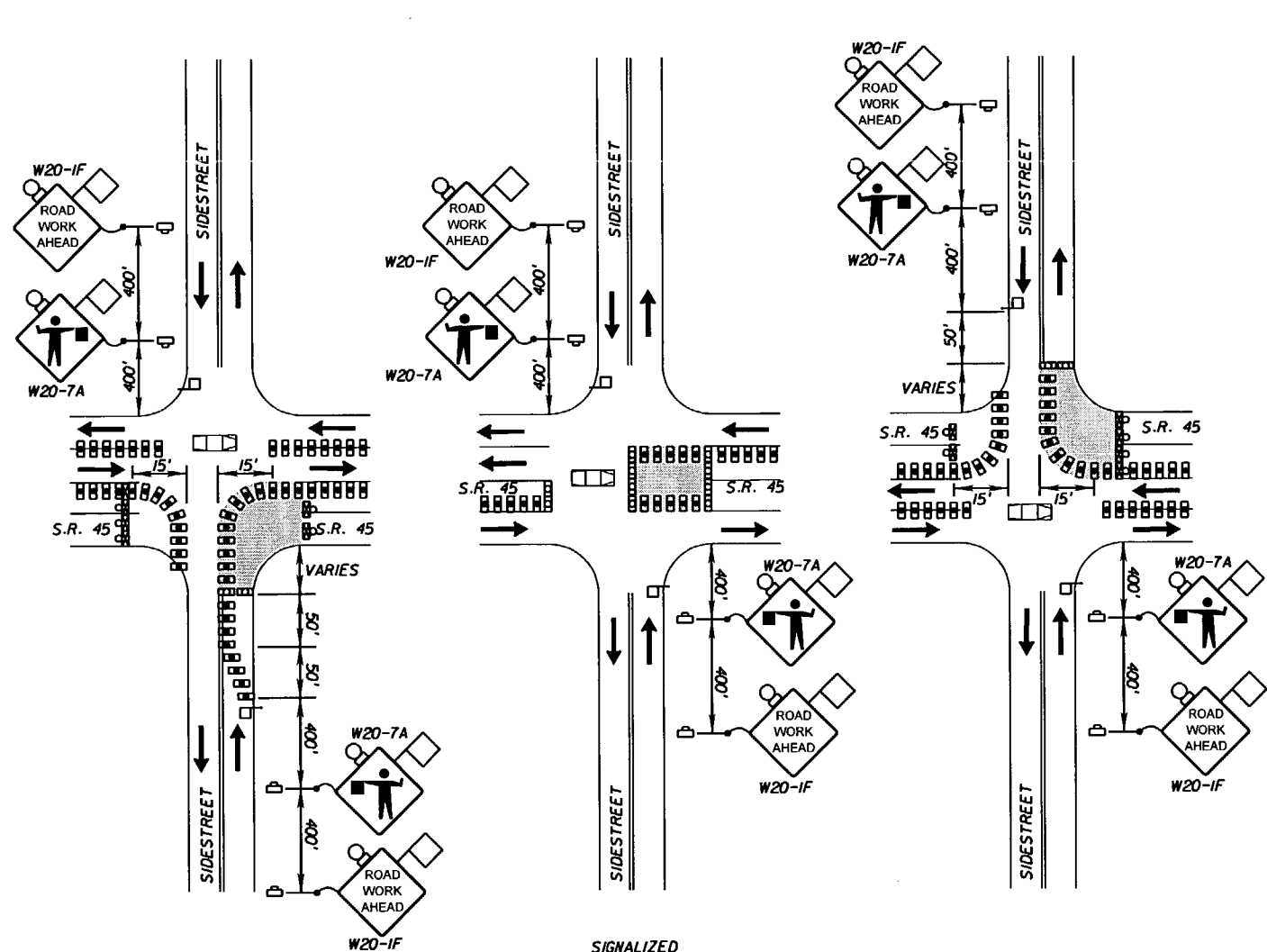
UTILIZE STANDARD INDEX 616 TO CLOSE THE INSIDE LANES ON S.R. 45 ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



**UNSIGNALIZED SIDESTREETS**

- ESTELLE ST.
- 20TH AVE. / ROBLES ST.
- NORTH BAY ST.
- GENESSEE ST.
- EMMA ST.
- CAYUGA ST.
- CURTIS ST.
- FRIERSON AVE.
- GIDDENS AVE.



**SIGNALIZED SIDESTREETS**

- SCOTT ST.
- HENDERSON AVE.
- CHELSEA ST.
- OSBOURNE AVE.

NOTE: UTILIZE STANDARD INDEX 621 FOR THE DRAINAGE INSTALLATION ON CHELSEA STREET OUTSIDE OF THE LIMITS OF CHELSEA STREET RECONSTRUCTION.

**NOTES**

- ON DETAILS IN WHICH A LAW ENFORCEMENT OFFICER IS PRESENT, LAW ENFORCEMENT MUST STOP BOTH DIRECTIONS OF TRAFFIC ON S.R. 45 BEFORE FLAGGERS MAY BEGIN MOVING TRAFFIC.
- SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

**2 LANE INTERSECTION CROSSING TYPICAL DETAIL**

PLAN VIEW  
N.T.S.

**LEGEND**

- Work Zone Sign
- Law Enforcement Officer
- Lane Identification And Direction Of Traffic
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
- Type III Barricade (With Flashing Light)
- Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Flagger

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**PBS&J** 5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of  
Authorization No. 24  
RICHARD HOWARD JR., P.E. #61710

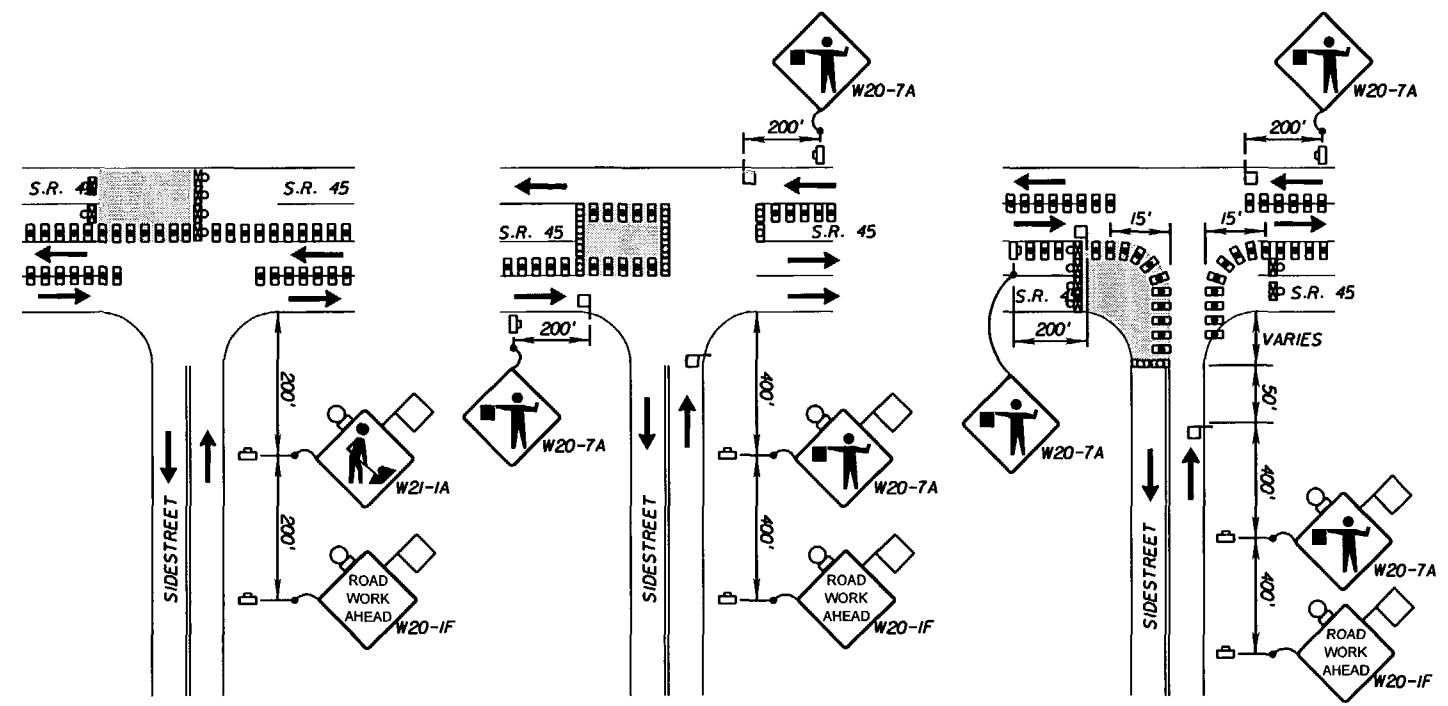
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.	206
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

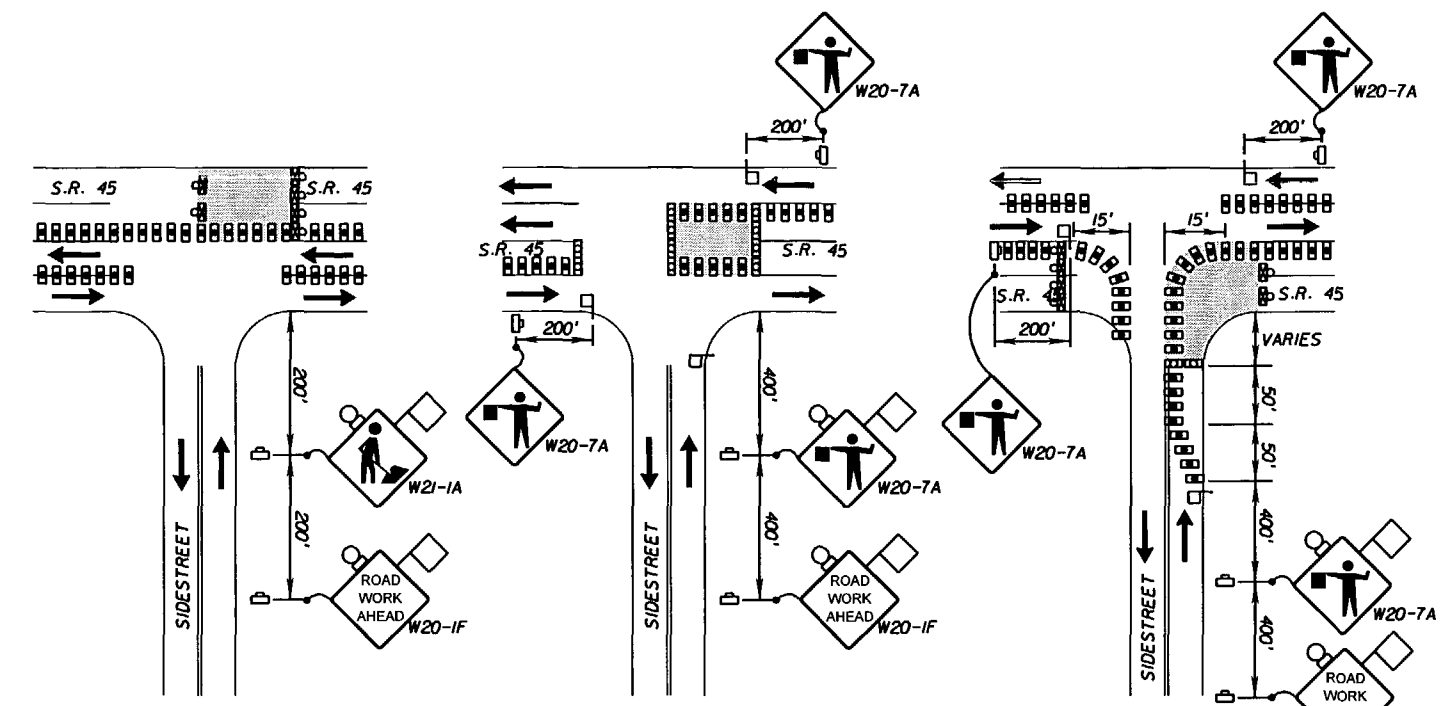




UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 616 TO CLOSE THE INSIDE LANES ON S.R. 45 ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.



UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 616 TO CLOSE THE INSIDE LANES ON S.R. 45 ON BOTH APPROACHES TO THE WORK AREA.

UTILIZE STANDARD INDEX 621 OR THE TCP LANE CLOSURE DETAIL TO CONVERT S.R. 45 TRAFFIC TO TWO-LANE TWO-WAY ON BOTH APPROACHES TO THE WORK AREA.

- UNSIGNALIZED SIDESTREETS**
- ZACK ST.
  - GOODWIN CT.
  - MARYLAND
  - 2ND ST.
  - KAY ST.
  - 3RD ST.
  - 8TH AVE.
  - OAK AVE.
  - ROSS AVE.
  - 11TH AVE.
  - 12TH AVE.
  - 14TH AVE.
  - 15TH AVE.
  - FOREST AVE.
  - 17TH AVE.

- UNSIGNALIZED SIDESTREETS**
- BRYAN ST.
  - 19TH AVE.
  - ST. CLAIR ST. (EAST & WEST)
  - 22ND AVE.
  - HUGH ST.
  - 23RD AVE.
  - ADALEE ST.
  - 24TH AVE.
  - PLYMOUTH ST.
  - 25TH AVE.
  - 26TH AVE. (EAST & WEST)
  - EMILY ST.
  - 28TH AVE.
  - JAMES ST.
  - BAKER ST.

- UNSIGNALIZED SIDESTREETS**
- 31ST AVE
  - STRATFORD AVE.
  - 32ND AVE.
  - VIRGINIA AVE.
  - 33RD AVE.
  - IDA ST. (EAST & WEST)
  - LOUISIANA AVE. (EAST & WEST)
  - NEW ORLEANS AVE. (EAST & WEST)
  - ELLICOTT ST.
  - CARACAS ST. (EAST & WEST)
  - WILDER AVE.
  - MCBERRY ST.
  - CONOVER ST.
  - SHADOWLAWN AVE.

**LEGEND**

- Work Zone Sign
- Lane Identification And Direction Of Traffic
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Flashing Light At Night Only)
- Type III Barricade (With Flashing Light)
- Work Area, Hazard Or Work Phase (Any Pattern Within A Boundary)
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Flagger

**2 LANE T INTERSECTION CROSSING TYPICAL DETAIL**  
PLAN VIEW  
N.T.S.

**NOTES**  
1. SEE THE TRENCH CUT PAVEMENT DETAIL FOR MATERIAL REQUIREMENTS WHEN FILLING TRENCH CUTS.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

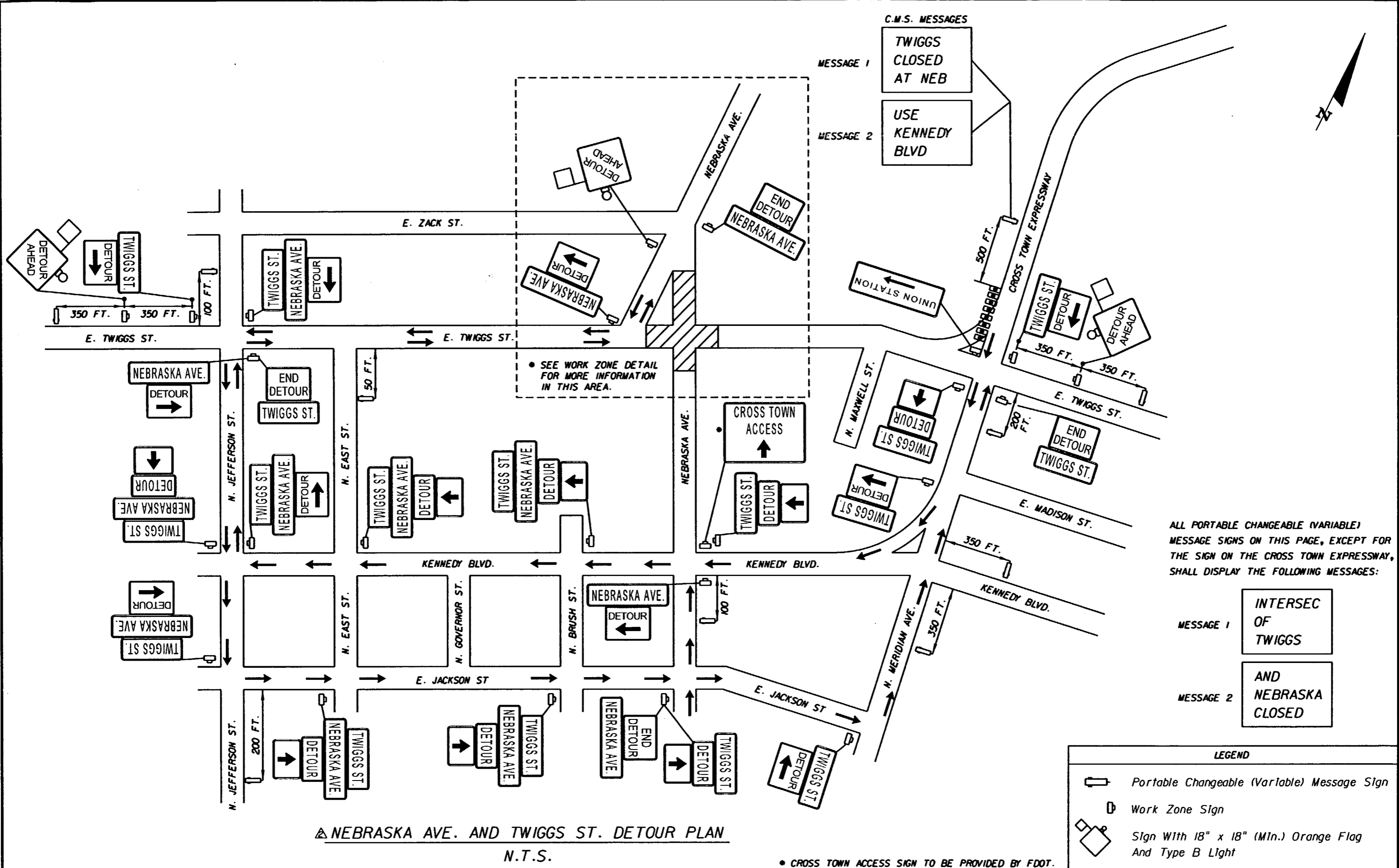
**PBS&J**  
5300 West Cypress Street  
Suite 200  
Tampa, Florida 33607-1768  
FBPE Certificate of  
Authorization No. 24  
RICHARD HOWARD JR., P.E. #6170

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TCP INTERSECTION  
CROSSING DETAIL SHEET**

SHEET NO.
207

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



**C.M.S. MESSAGES**

- MESSAGE 1  
TWIGGS  
CLOSED  
AT NEB
- MESSAGE 2  
USE  
KENNEDY  
BLVD

ALL PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS ON THIS PAGE, EXCEPT FOR THE SIGN ON THE CROSS TOWN EXPRESSWAY, SHALL DISPLAY THE FOLLOWING MESSAGES:

- MESSAGE 1  
INTERSEC  
OF  
TWIGGS
- MESSAGE 2  
AND  
NEBRASKA  
CLOSED

**LEGEND**

	Portable Changeable (Variable) Message Sign
	Work Zone Sign
	Sign With 18" x 18" (Min.) Orange Flag And Type B Light

**NEBRASKA AVE. AND TWIGGS ST. DETOUR PLAN**  
N.T.S.

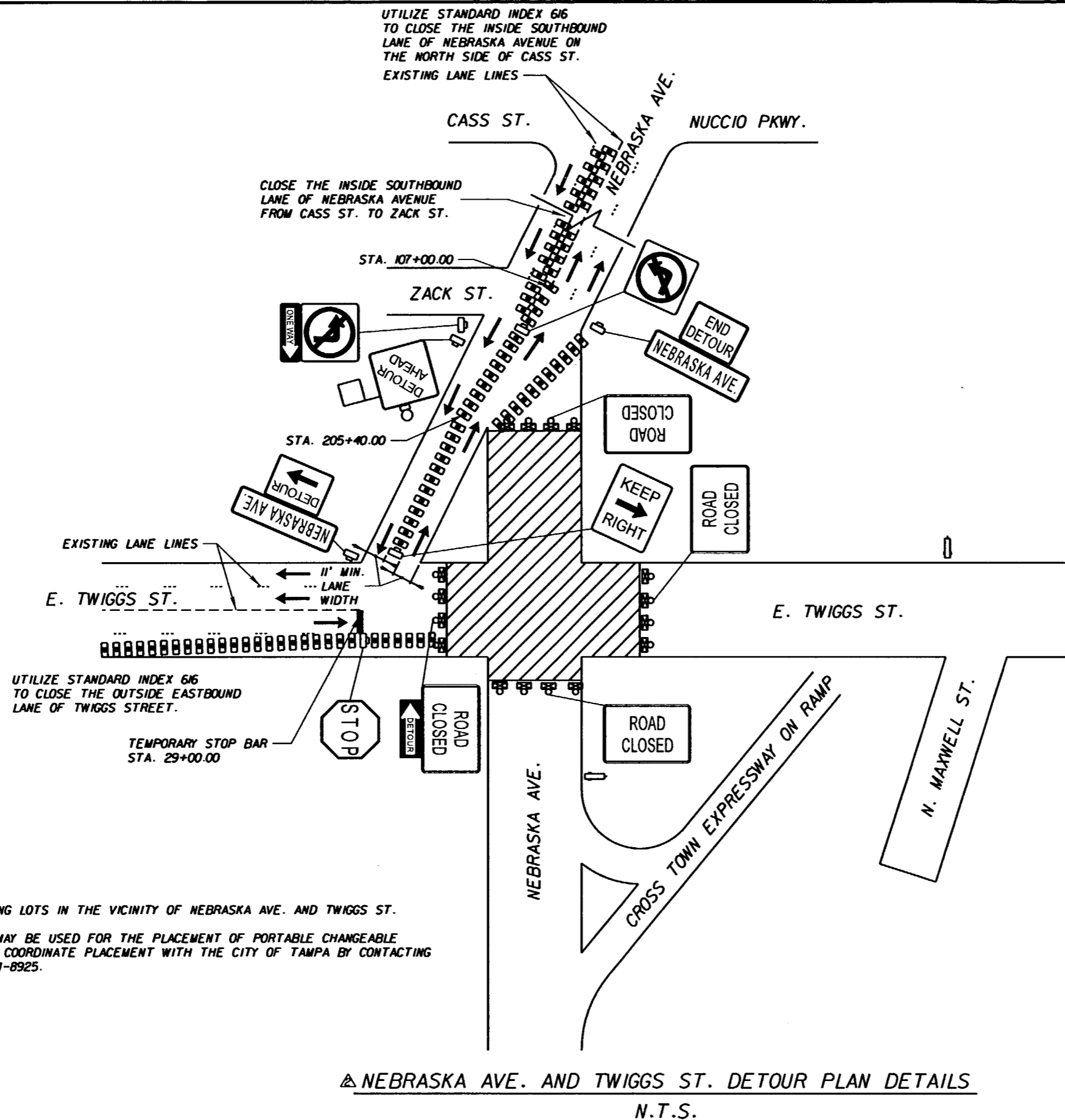
REVISIONS		DATE	BY	DESCRIPTION
07/19/07	MJM			ADDED THIS SHEET TO THE PLANS.

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

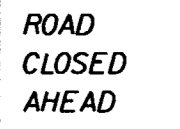

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

<b>TRAFFIC CONTROL DETOUR PLAN</b>		SHEET NO. 207A
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6805-23.003, F.A.C.






ALL PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS ON THIS PAGE, SHALL DISPLAY THE FOLLOWING MESSAGES:

- MESSAGE 1  ROAD CLOSED AHEAD
- MESSAGE 2  LOCAL TRAFFIC ONLY

**NOTE:**

- 1) MAINTAIN ACCESS TO PARKING LOTS IN THE VICINITY OF NEBRASKA AVE. AND TWIGGS ST.
- 2) STREET PARKING SPACES MAY BE USED FOR THE PLACEMENT OF PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS. COORDINATE PLACEMENT WITH THE CITY OF TAMPA BY CONTACTING MR. WAYNE MIXDORF AT 274-8925.

**NEBRASKA AVE. AND TWIGGS ST. DETOUR PLAN DETAILS**  
N.T.S.

LEGEND	
	Portable Changeable (Variable) Message Sign
	Type III Barricade (With Flashing Light)
	Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/19/07	MJM	ADDED THIS SHEET TO THE PLANS.			

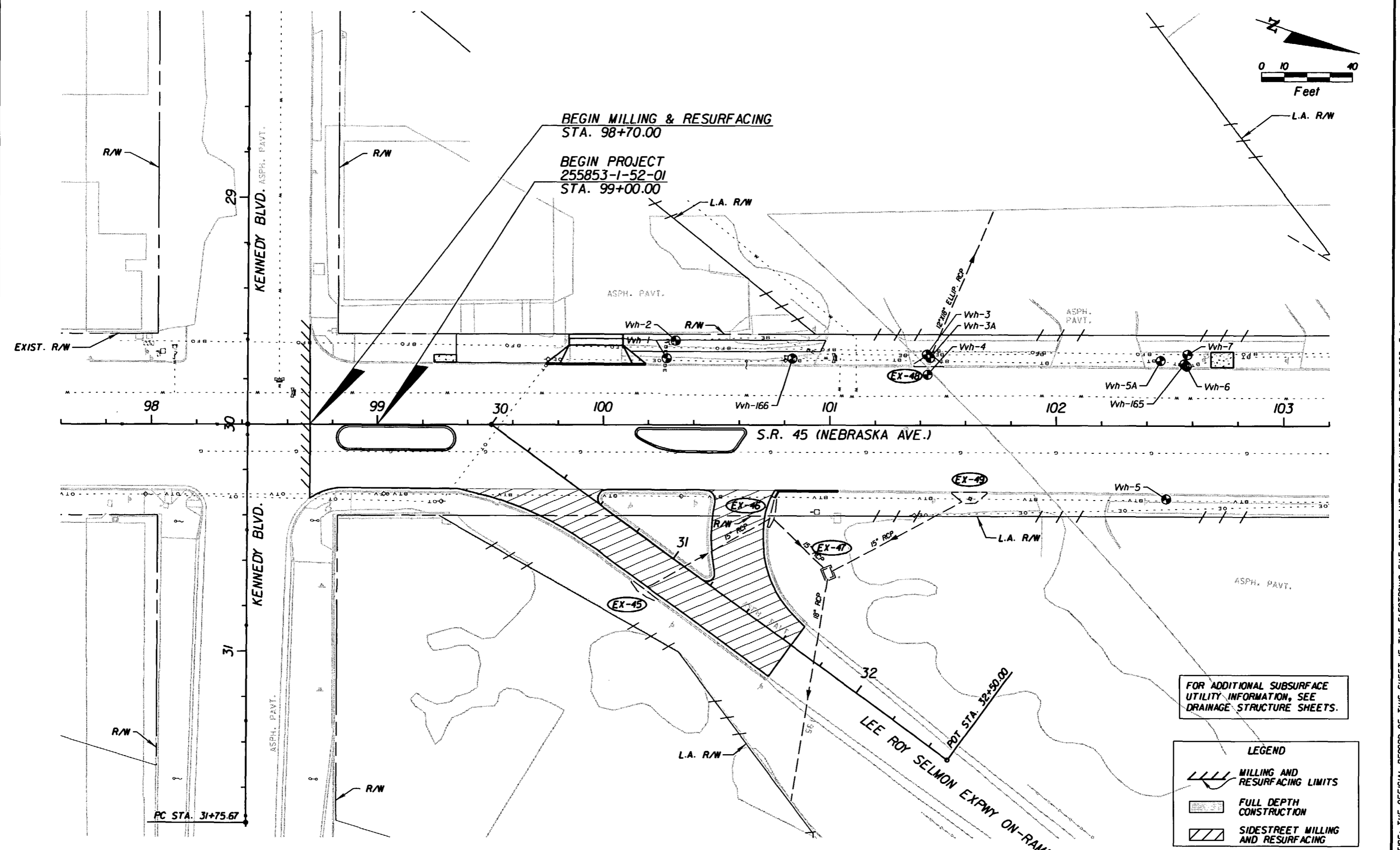
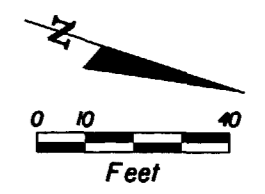
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**TRAFFIC CONTROL  
DETOUR PLAN**

SHEET NO.  
207B

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



FOR ADDITIONAL SUBSURFACE UTILITY INFORMATION, SEE DRAINAGE STRUCTURE SHEETS.

LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

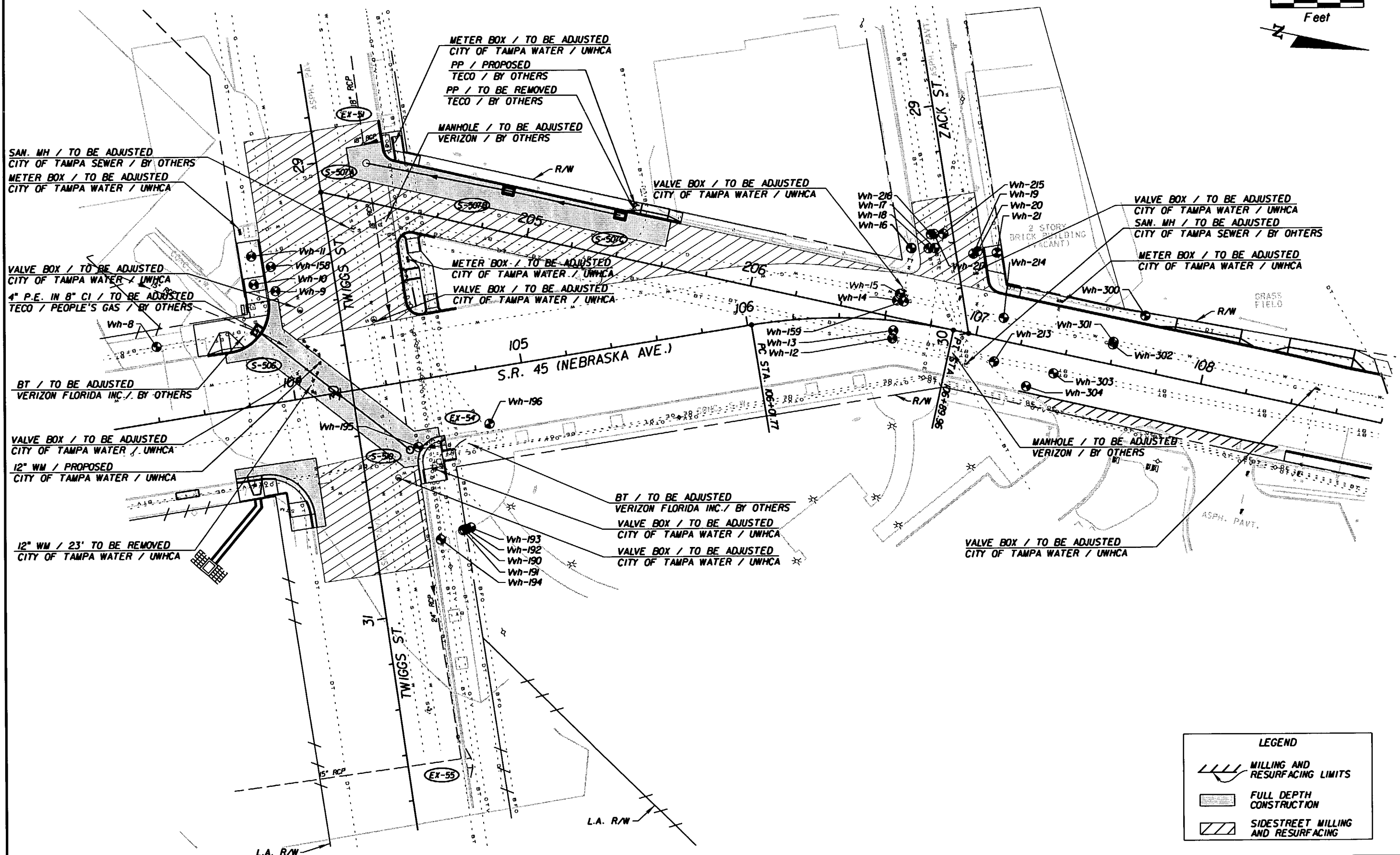
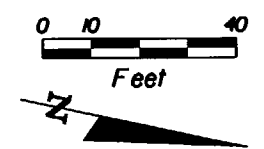
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**97+60.00 TO 103+20.00**

SHEET NO.  
 208

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

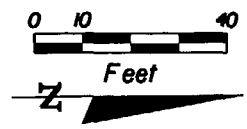
**UTILITY ADJUSTMENT SHEET**  
**103+20.00 TO 108+80.00**

SHEET NO.  
 209

**LEGEND**

- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68J5-23.003, F.A.C.



VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

MANHOLE / TO BE ADJUSTED  
VERIZON / BY OTHERS

VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA  
SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

HYDRANT / TO BE REMOVED  
CITY OF TAMPA WATER / UWHCA  
PROTECTION POSTS / TO BE REMOVED  
CITY OF TAMPA WATER / UWHCA  
6" WM / PROPOSED  
CITY OF TAMPA WATER / UWHCA  
HYDRANT / PROPOSED  
CITY OF TAMPA WATER / UWHCA

SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

CROSSING NO. 626293  
RR MP: A-882.03, CSXT  
STA. 108+96.00  
@ SURVEY S.R. 45

SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

PP / TO BE REMOVED  
TECO / BY OTHERS

SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

BT / TO BE ADJUSTED  
VERIZON FLORIDA INC. / BY OTHERS  
MH / TO BE REMOVED  
VERIZON FLORIDA INC. / BY OTHERS

6" WM / PROPOSED  
6" SOLID SLEEVES / PROPOSED  
CITY OF TAMPA WATER / UWHCA

MANHOLE / TO BE ADJUSTED  
VERIZON / BY OTHERS  
SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

MANHOLE / TO BE ADJUSTED  
VERIZON / BY OTHERS

LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

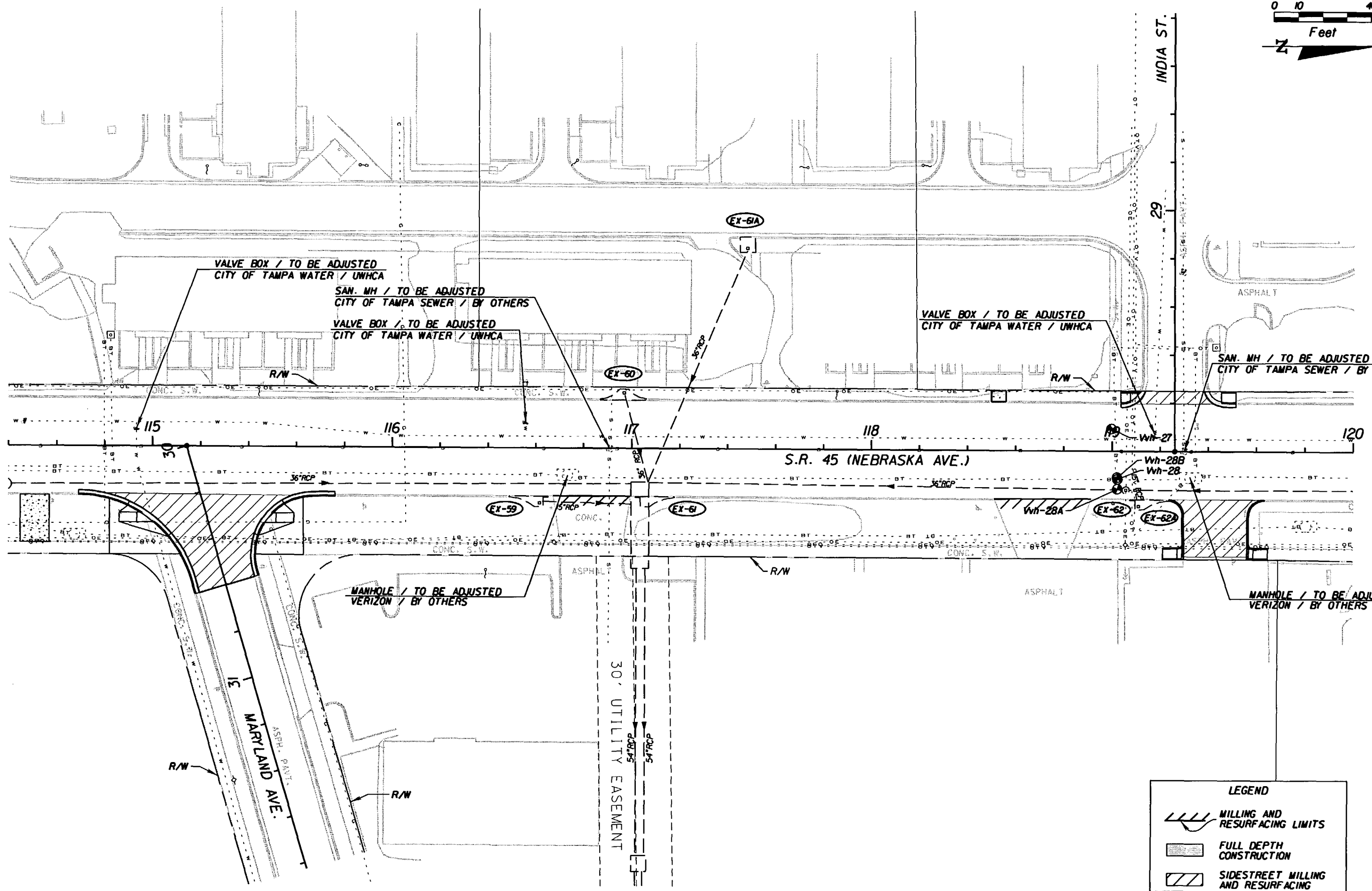
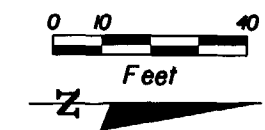
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**108+80.00 TO 114+40.00**

SHEET NO.  
210

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G5-23.003, F.A.C.





LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

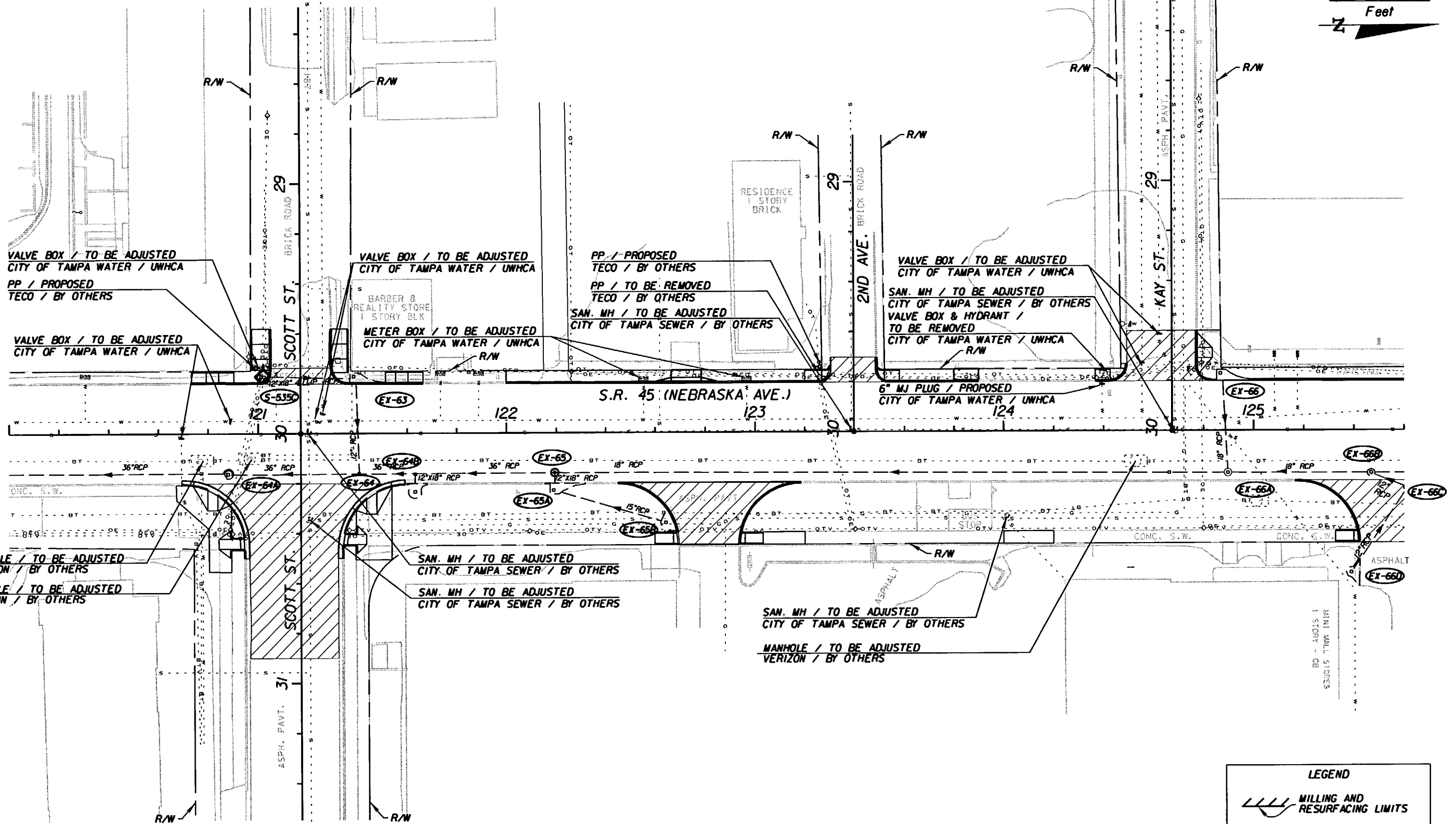
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**114+40.00 TO 120+00.00**

SHEET NO.  
 211

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

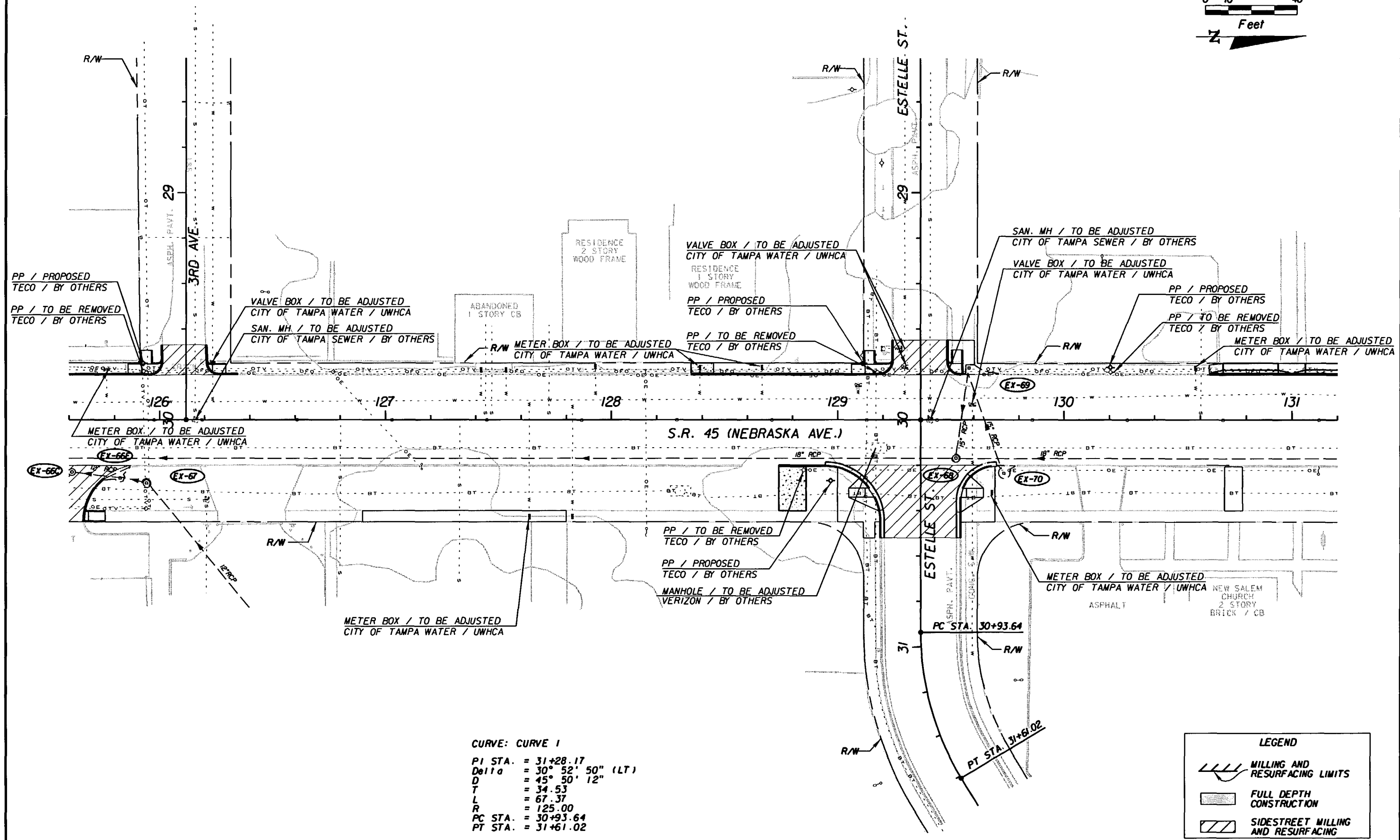
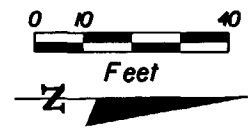
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**120+00.00 TO 125+60.00**

SHEET NO.
212

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G15-23.003, F.A.C.



**CURVE: CURVE 1**  
 PI STA. = 31+28.17  
 Delta = 30° 52' 50" (LT)  
 D = 45° 50' 12"  
 T = 34.53  
 L = 67.37  
 R = 125.00  
 PC STA. = 30+93.64  
 PT STA. = 31+61.02

LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

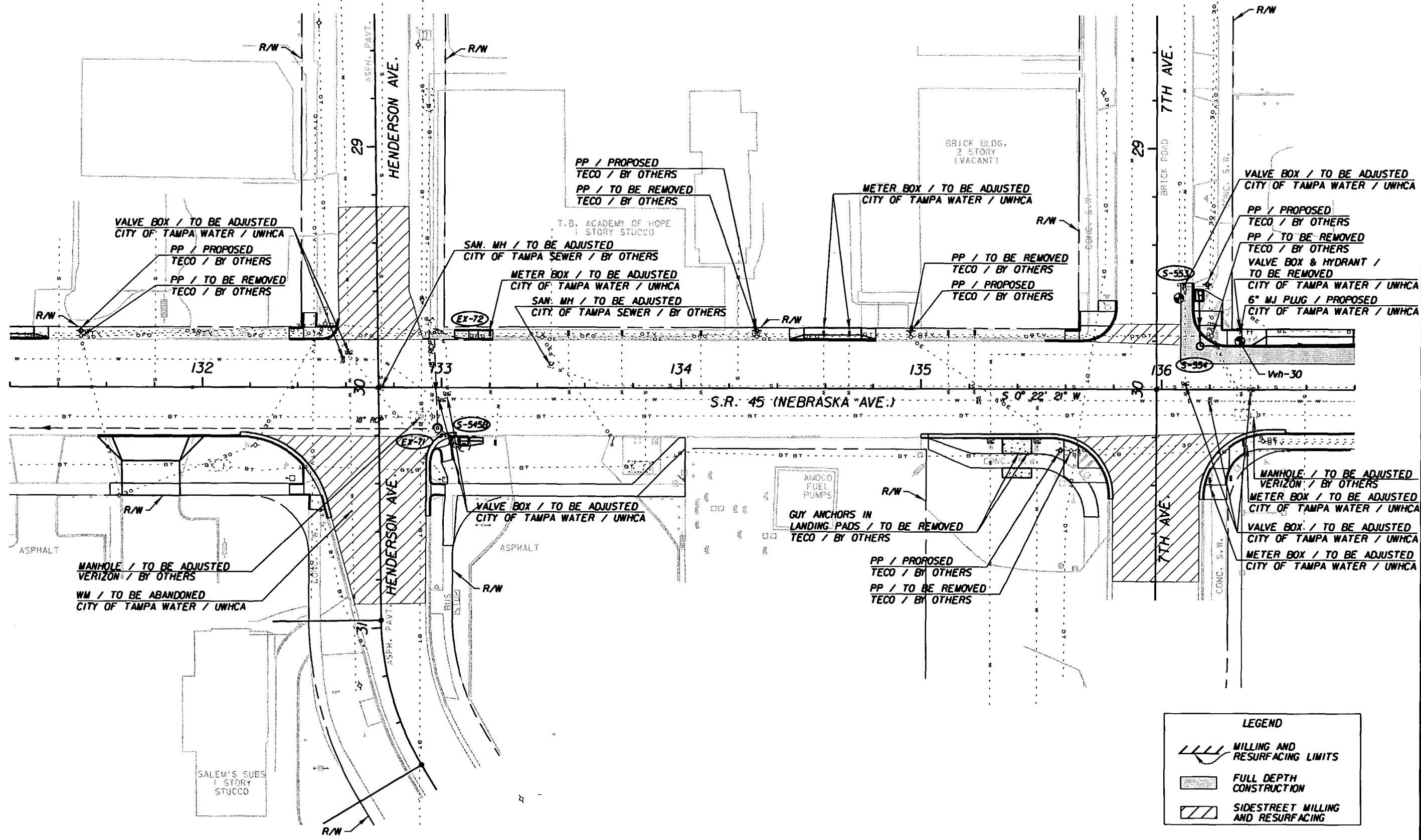
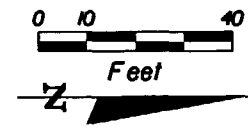
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**125+60.00 TO 131+20.00**

SHEET NO.  
213

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.



**LEGEND**

	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

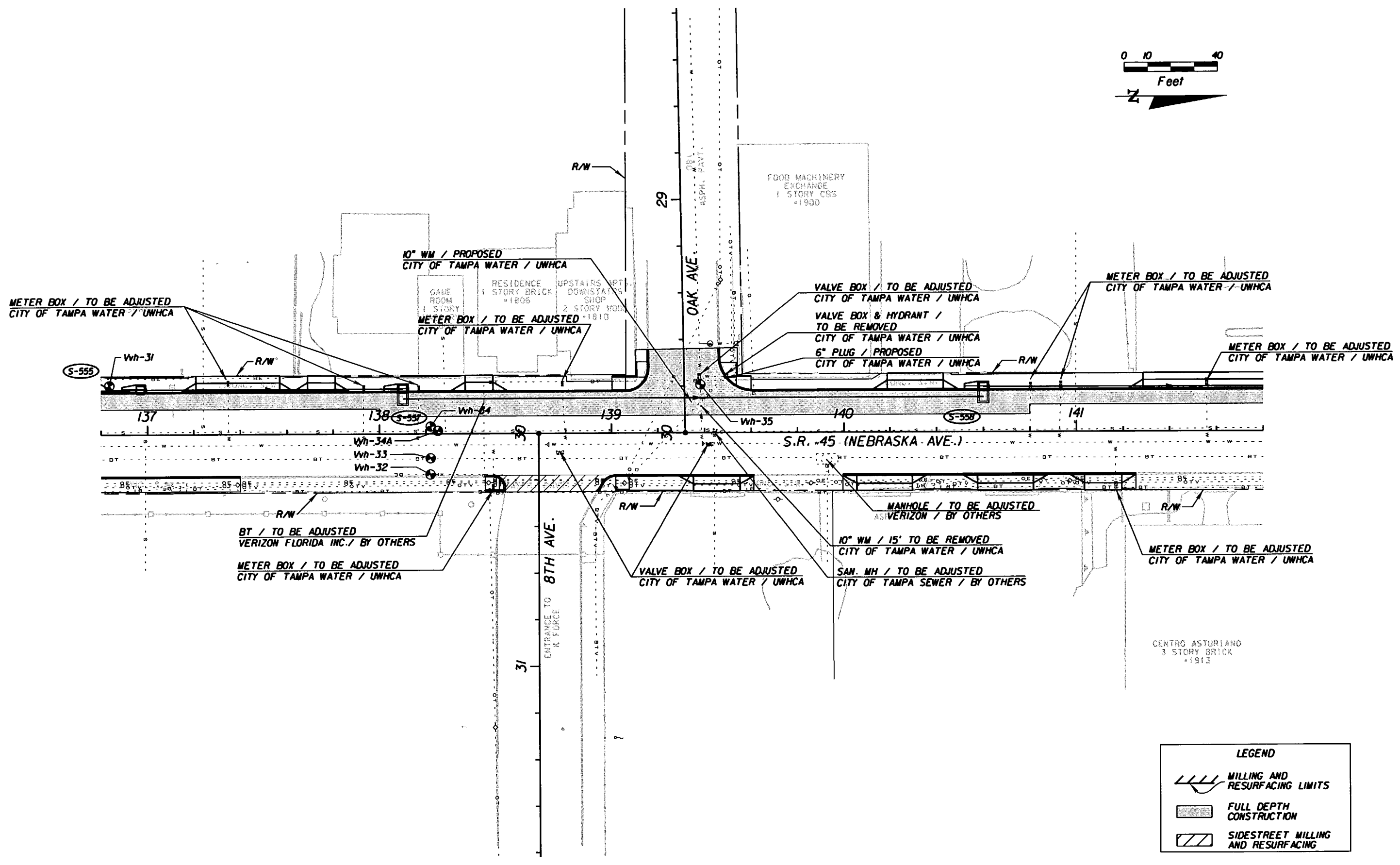
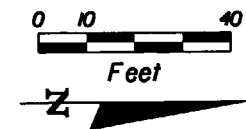
**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**131+20.00 TO 136+80.00**

SHEET NO.  
214

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6815-23.003, F.A.C.



LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

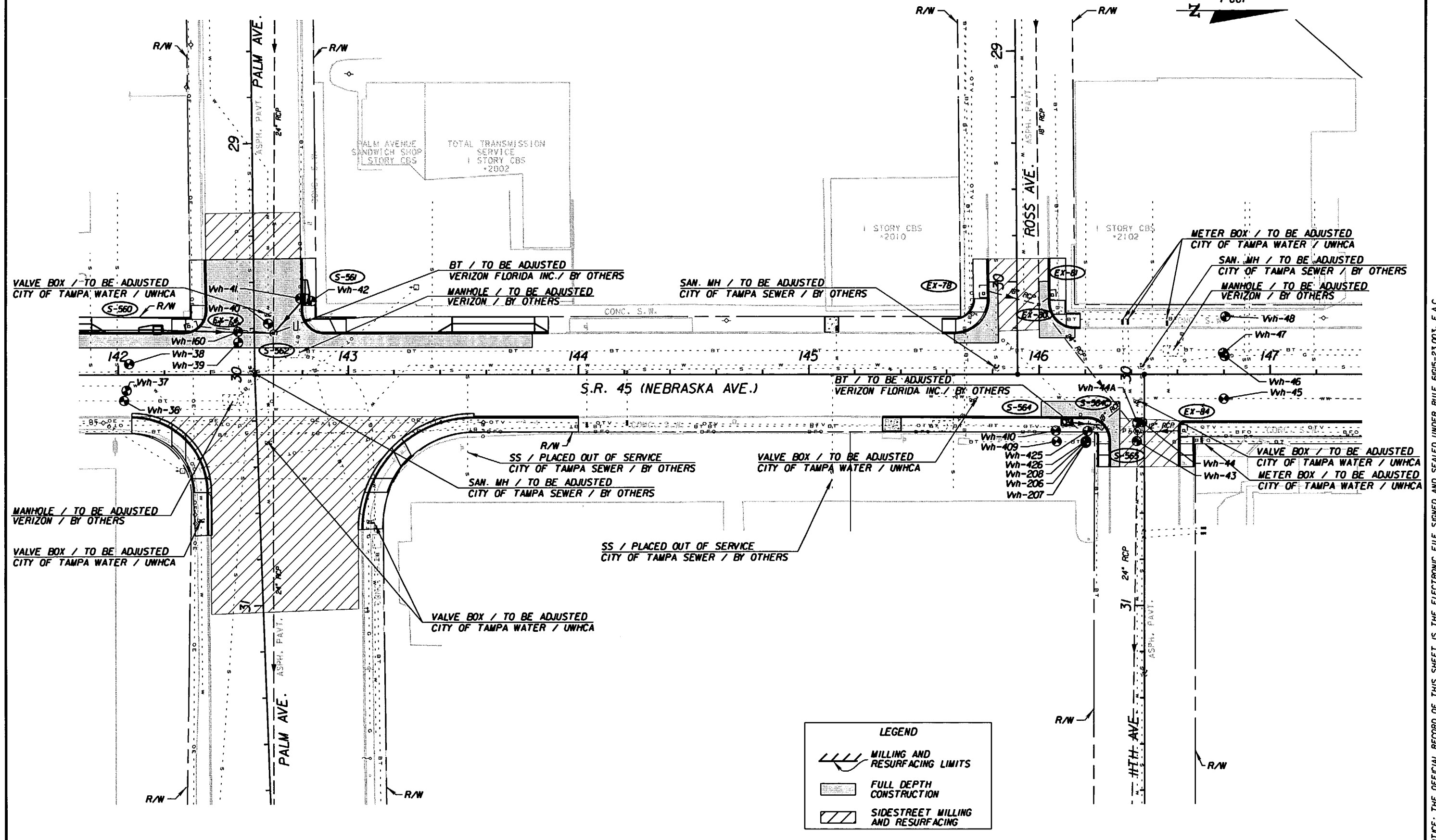
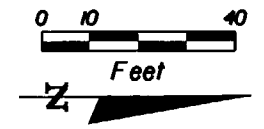
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**136+80.00 TO 141+80.00**

SHEET NO.  
 215

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.



**LEGEND**

- MILLING AND RESURFACING LIMITS
- FULL DEPTH CONSTRUCTION
- SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

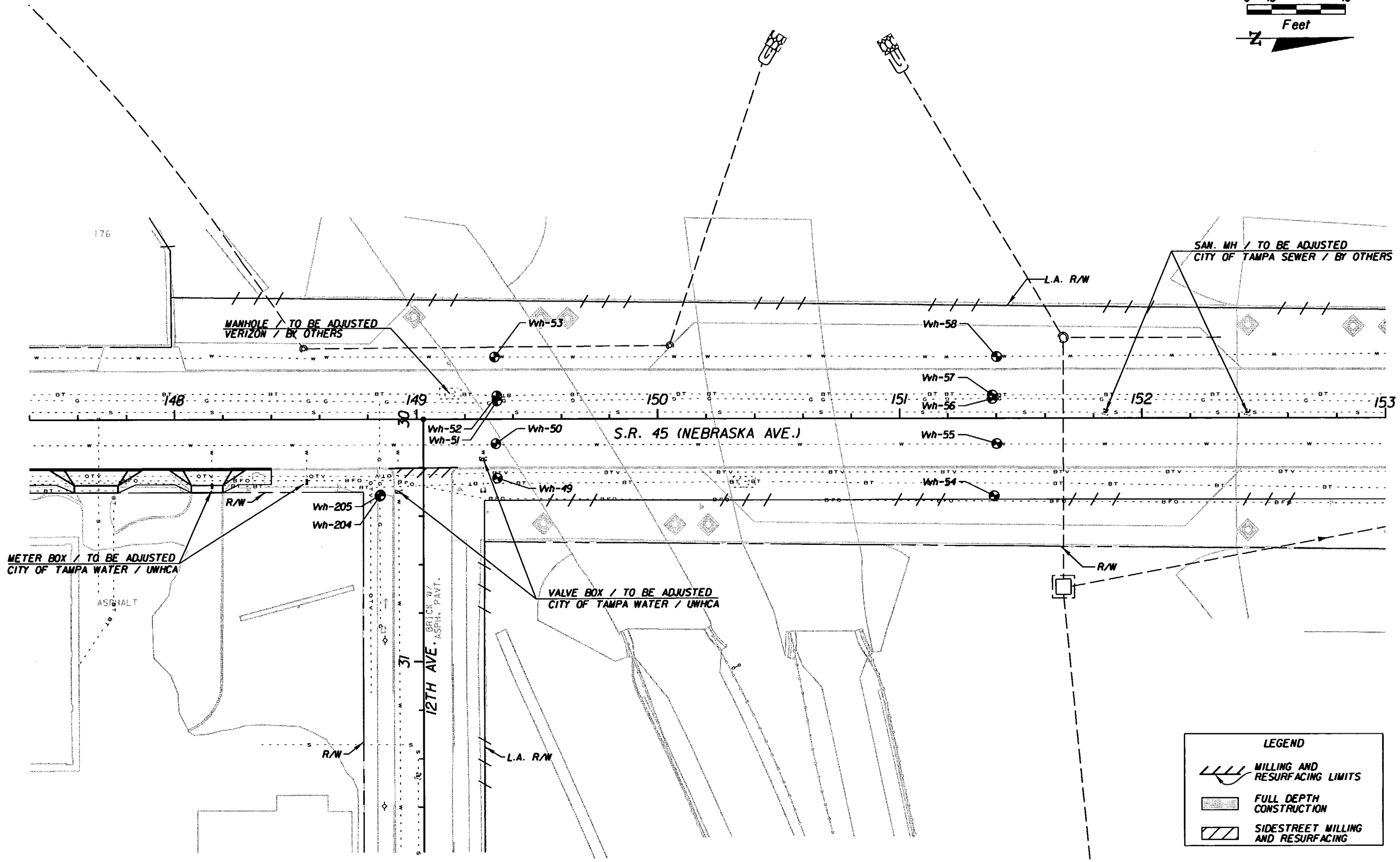
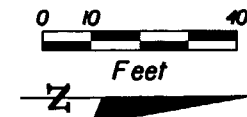
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**141+80.00 TO 147+40.00**

SHEET NO.  
216

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.





LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

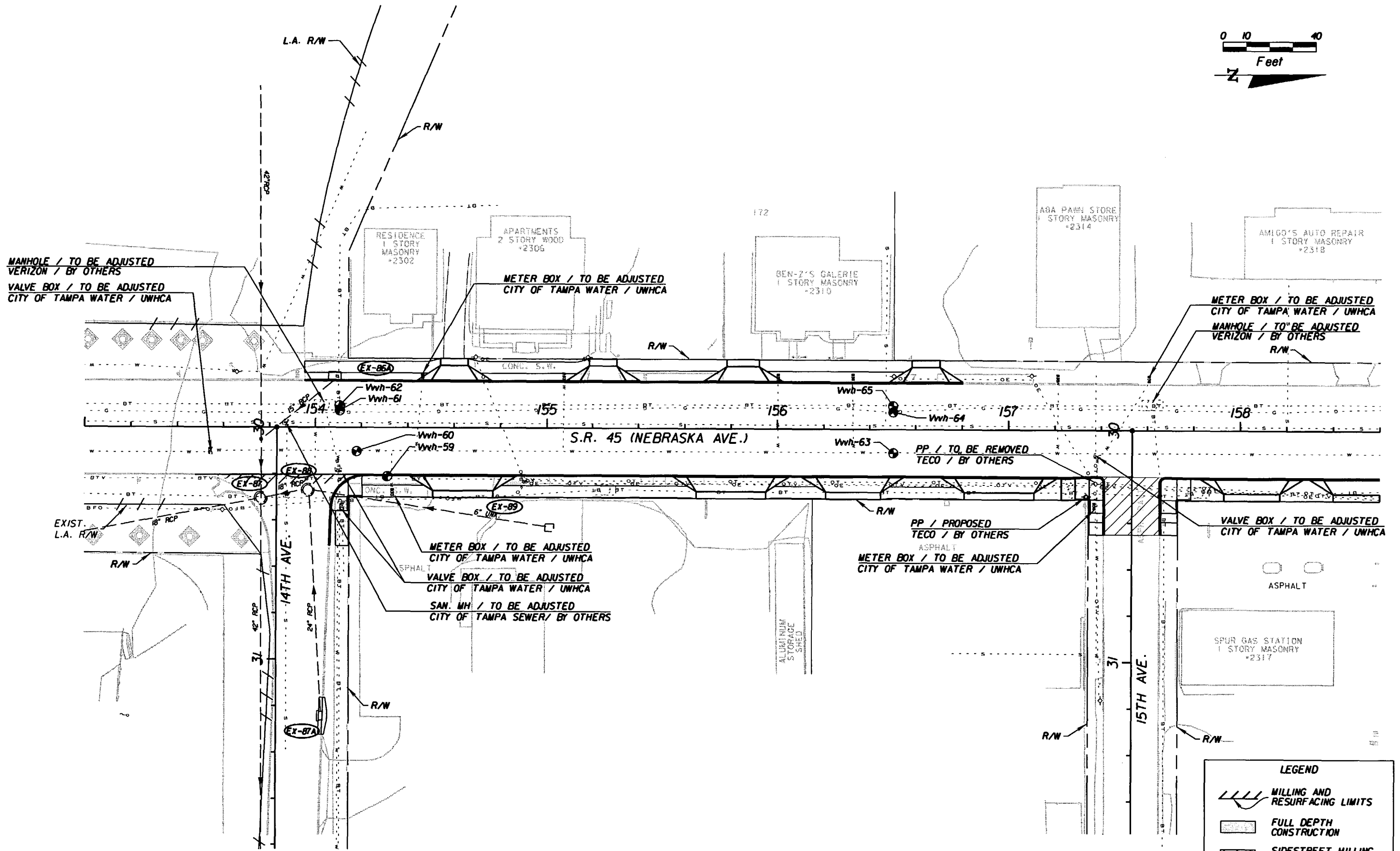
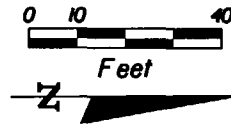
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**147+40.00 TO 153+00.00**

SHEET NO.  
 217

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G5-23.003, F.A.C.



LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

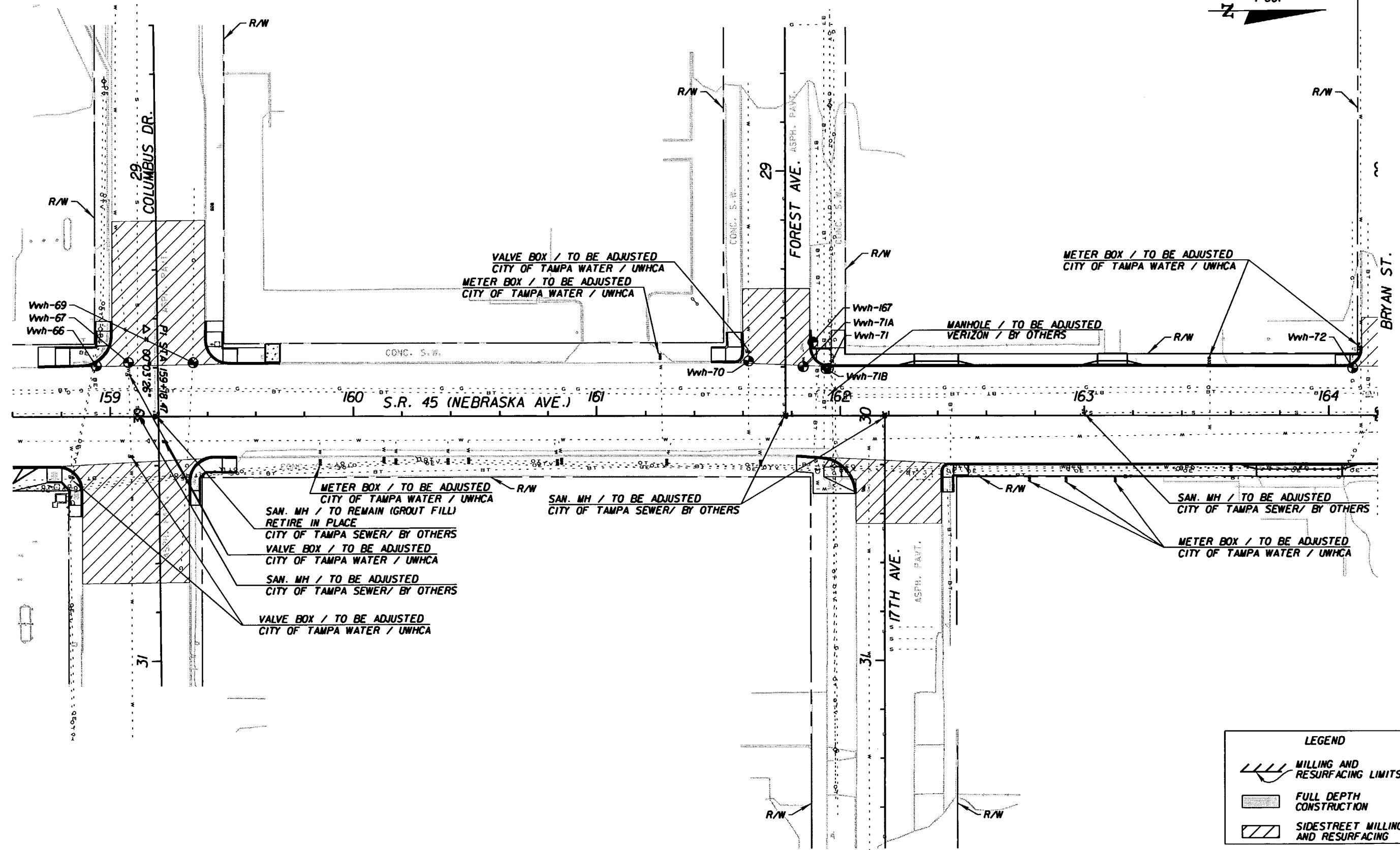
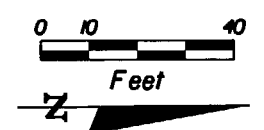
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**153+00.00 TO 158+60.00**

SHEET NO.  
 218

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.



VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA  
METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

MANHOLE / TO BE ADJUSTED  
VERIZON / BY OTHERS

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA  
SAN. MH / TO REMAIN (GROUT FILL)  
RETIRE IN PLACE  
CITY OF TAMPA SEWER/ BY OTHERS  
VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA  
SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER/ BY OTHERS  
VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER/ BY OTHERS

SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER/ BY OTHERS

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

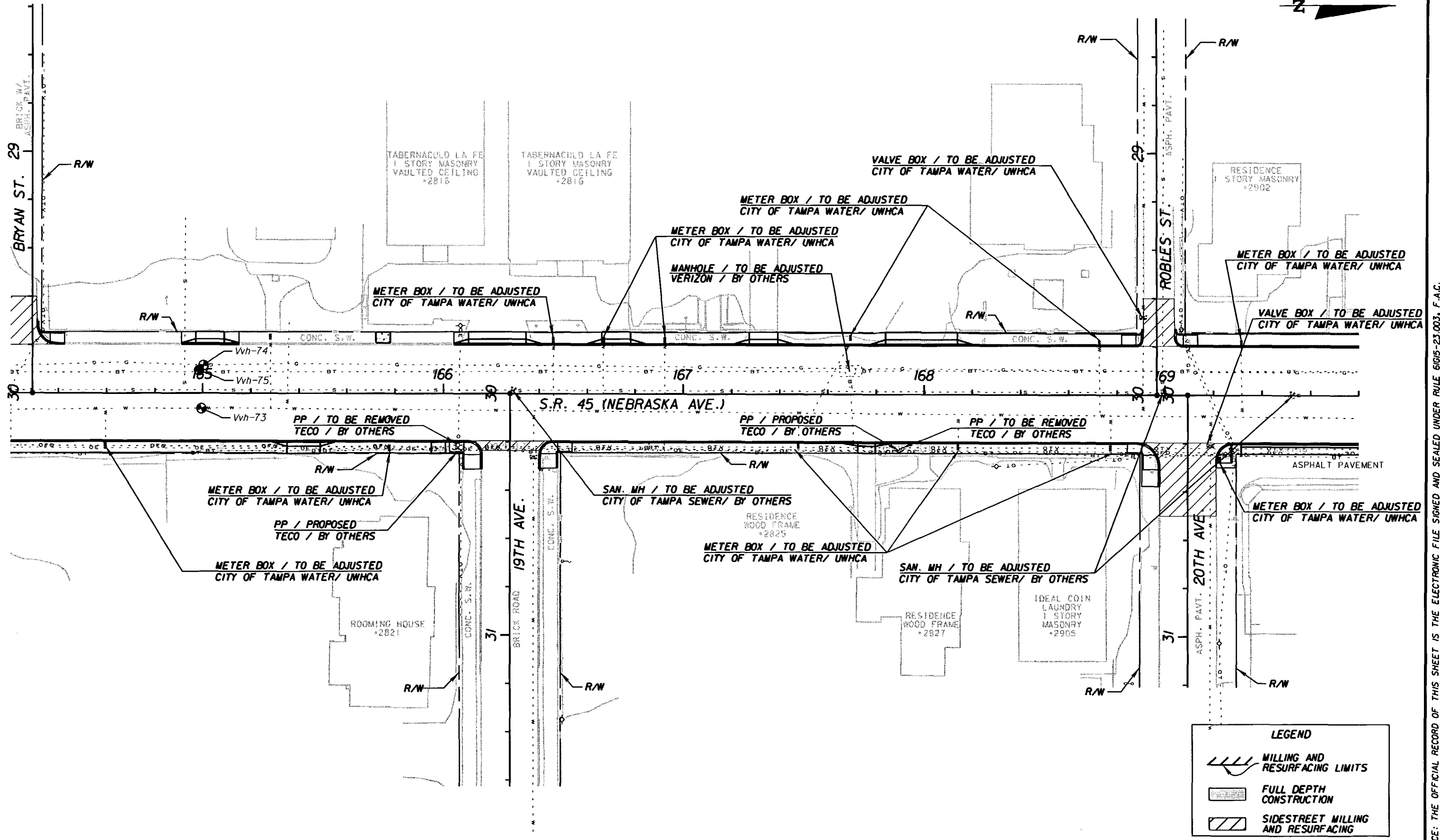
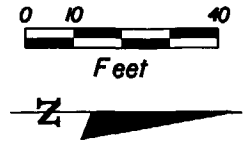
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**158+60.00 TO 164+20.00**

SHEET NO.  
219

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6015-23.003, F.A.C.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

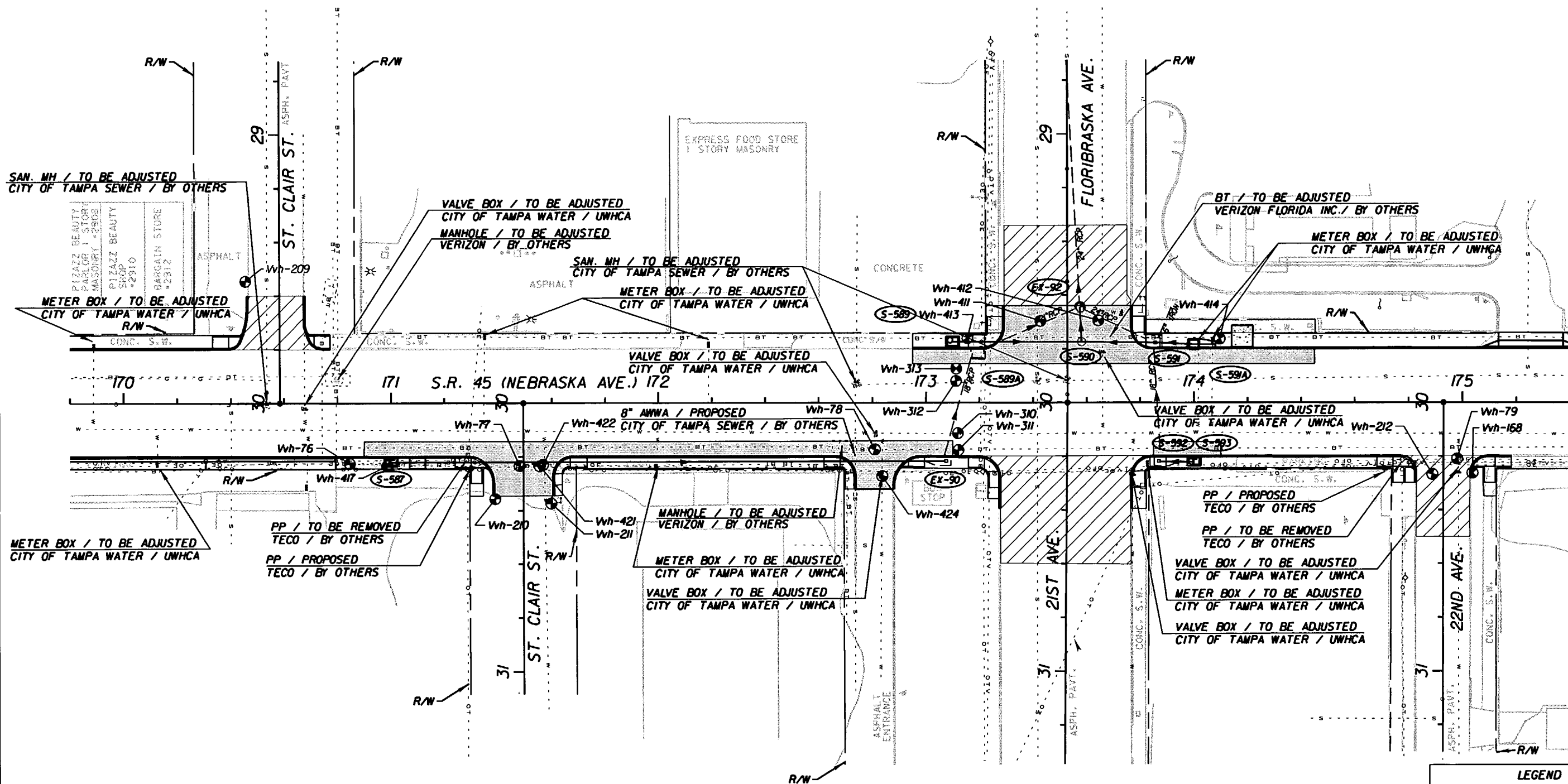
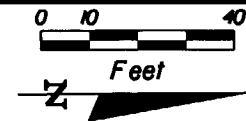
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**164+20.00 TO 169+80.00**

SHEET NO.  
 220

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60B5-23.003, F.A.C.



**LEGEND**

	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

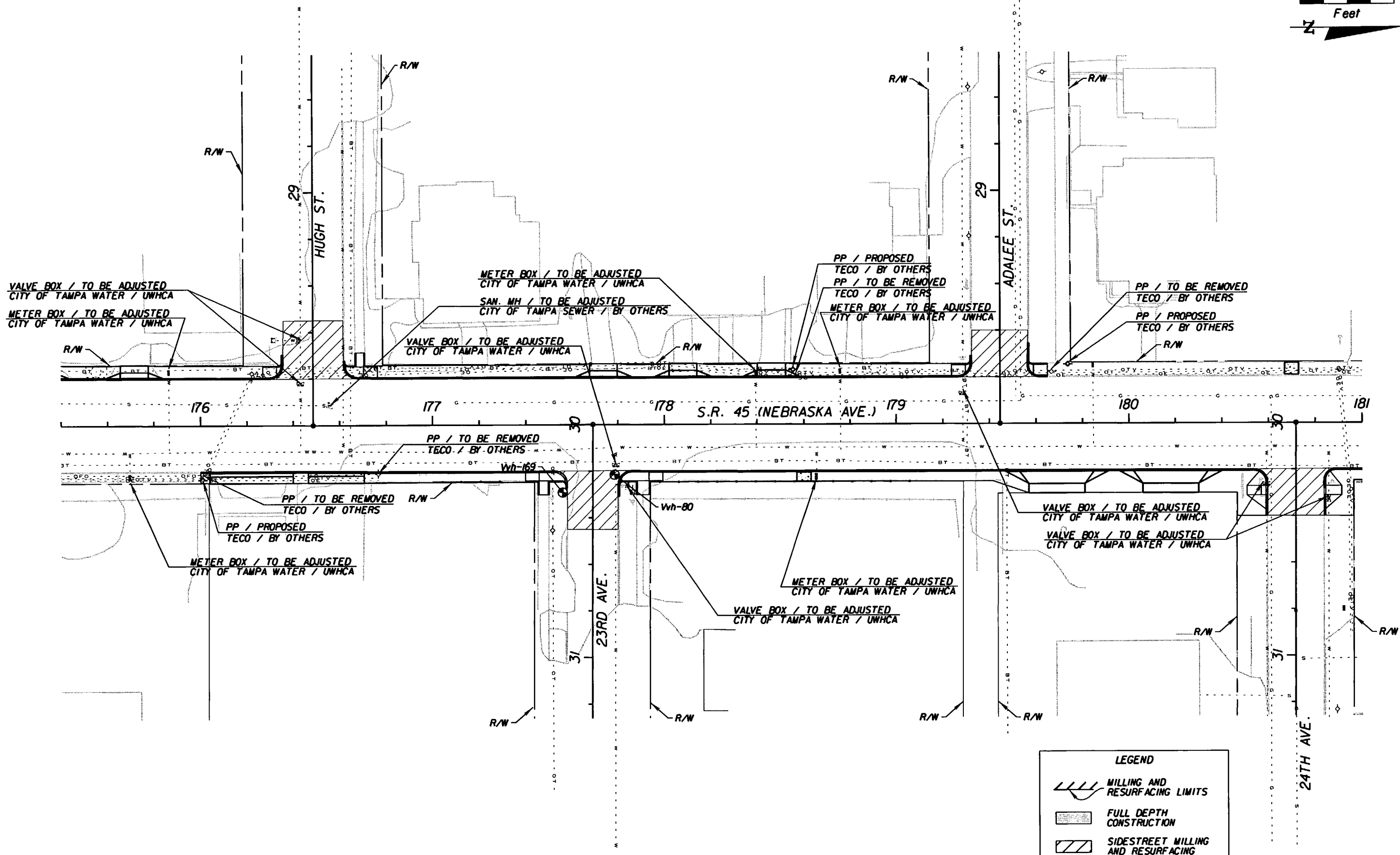
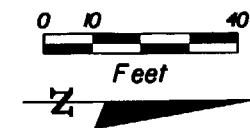
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**169+80.00 TO 175+40.00**

SHEET NO.  
221

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

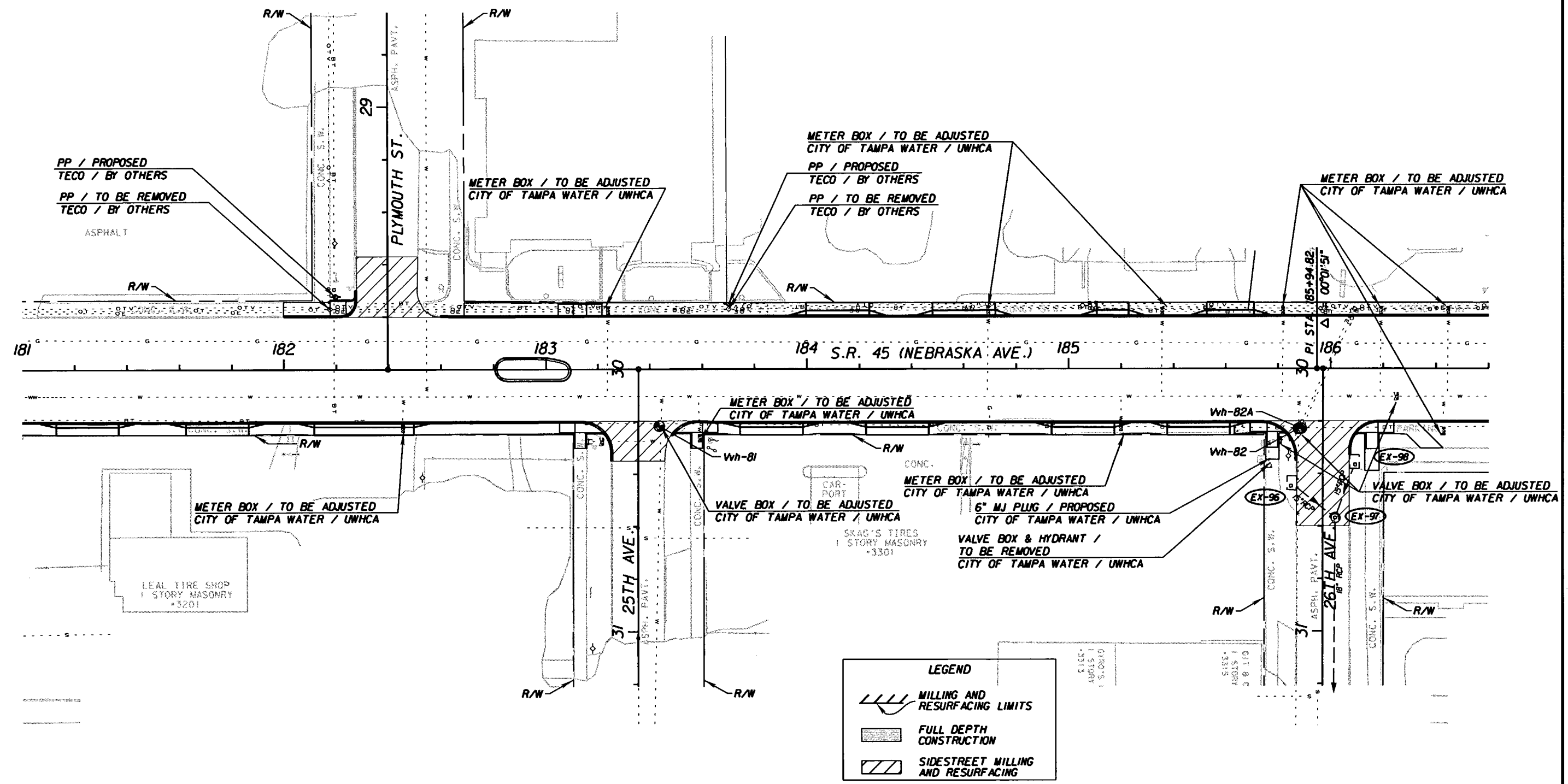
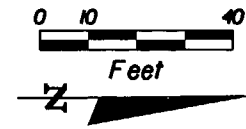
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**175+40.00 TO 181+00.00**

SHEET NO.  
 222

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G15-23.003, F.A.C.





REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

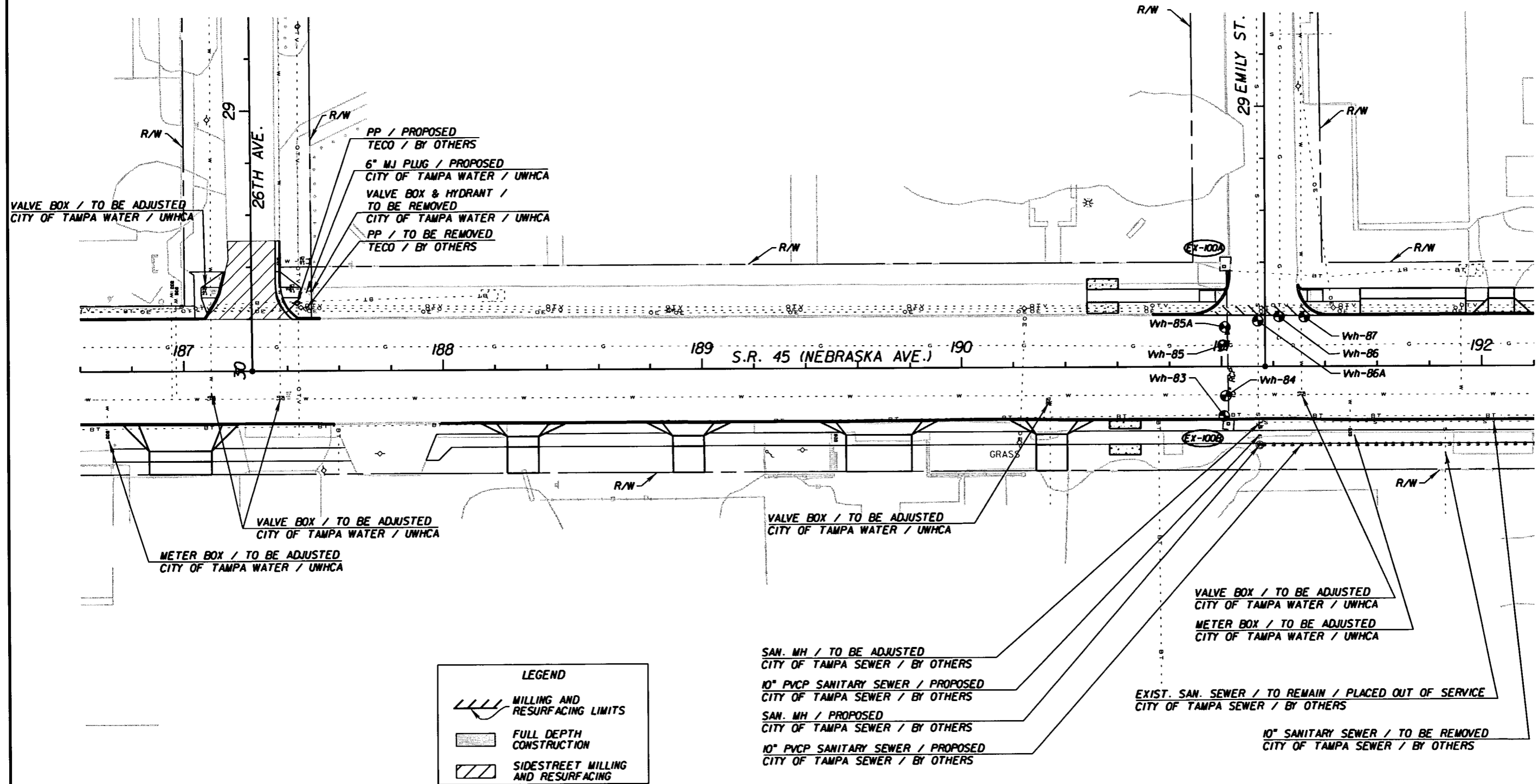
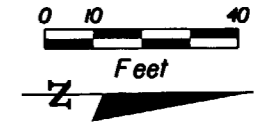
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**181+00.00 TO 186+60.00**

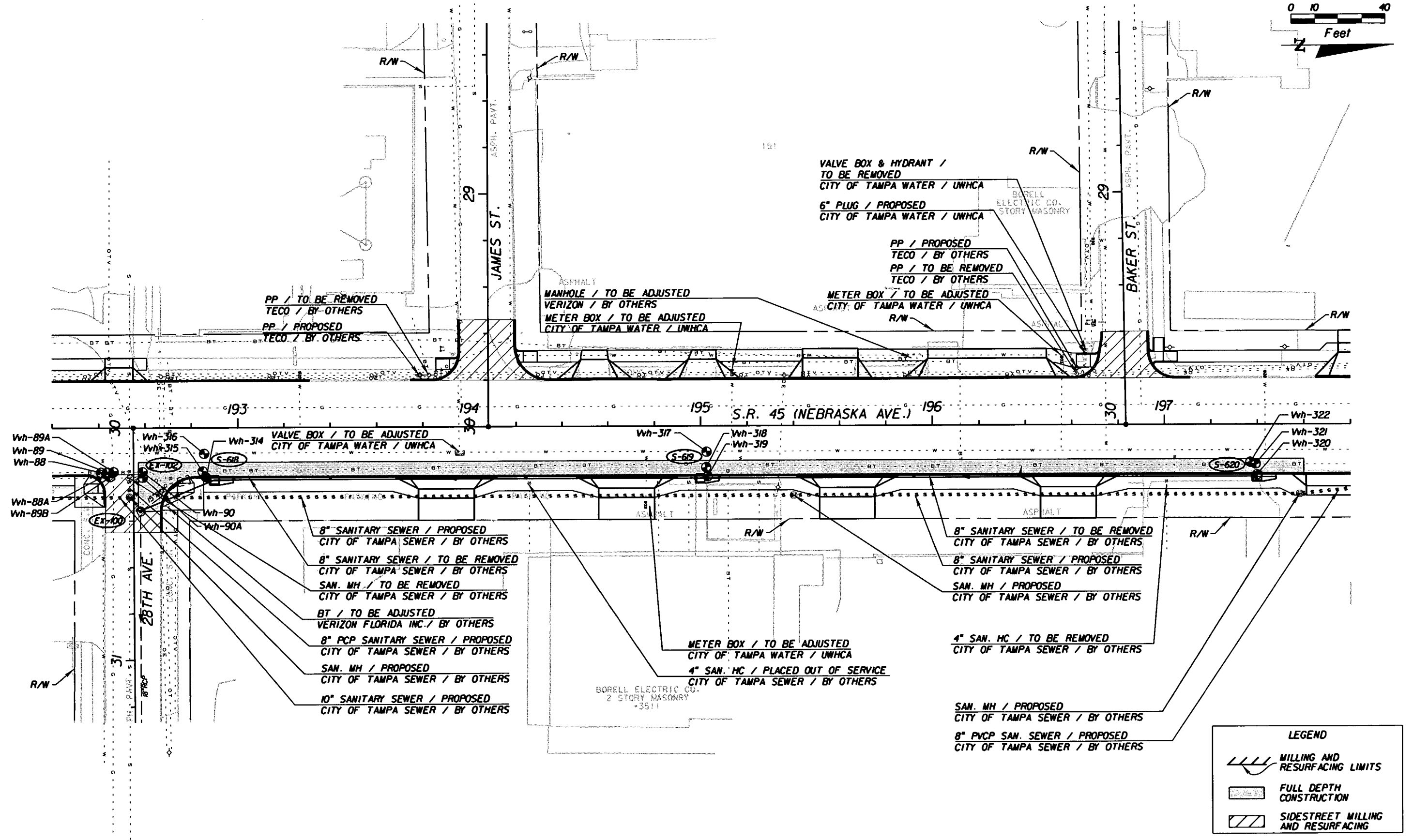
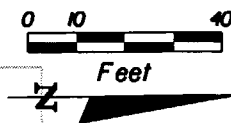
SHEET NO.  
 223

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



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REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>UTILITY ADJUSTMENT SHEET</b> <b>186+60.00 TO 192+20.00</b>	SHEET NO. 224
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		



LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

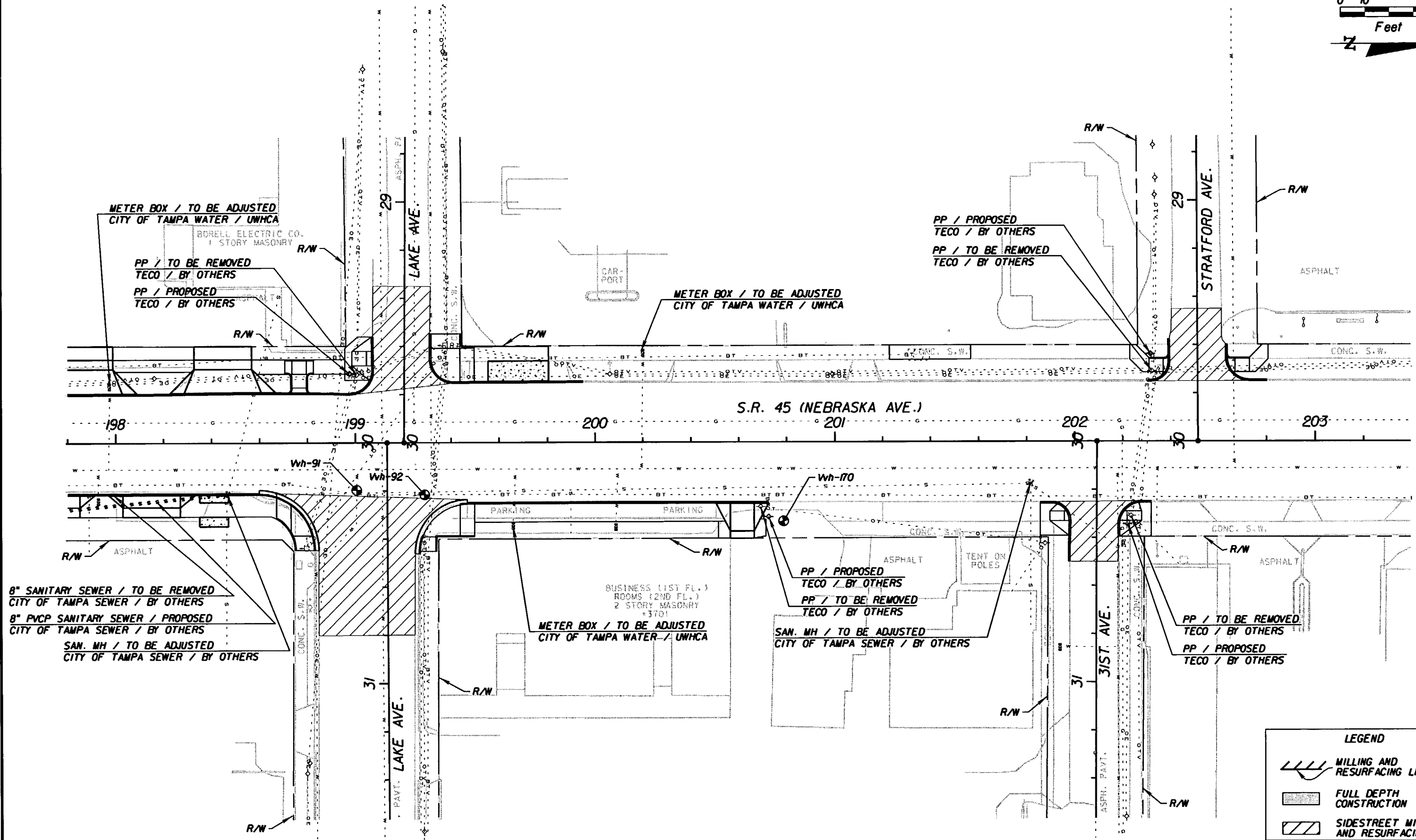
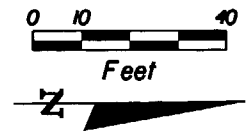
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**192+20.00 TO 197+80.00**

SHEET NO.  
 225

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LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

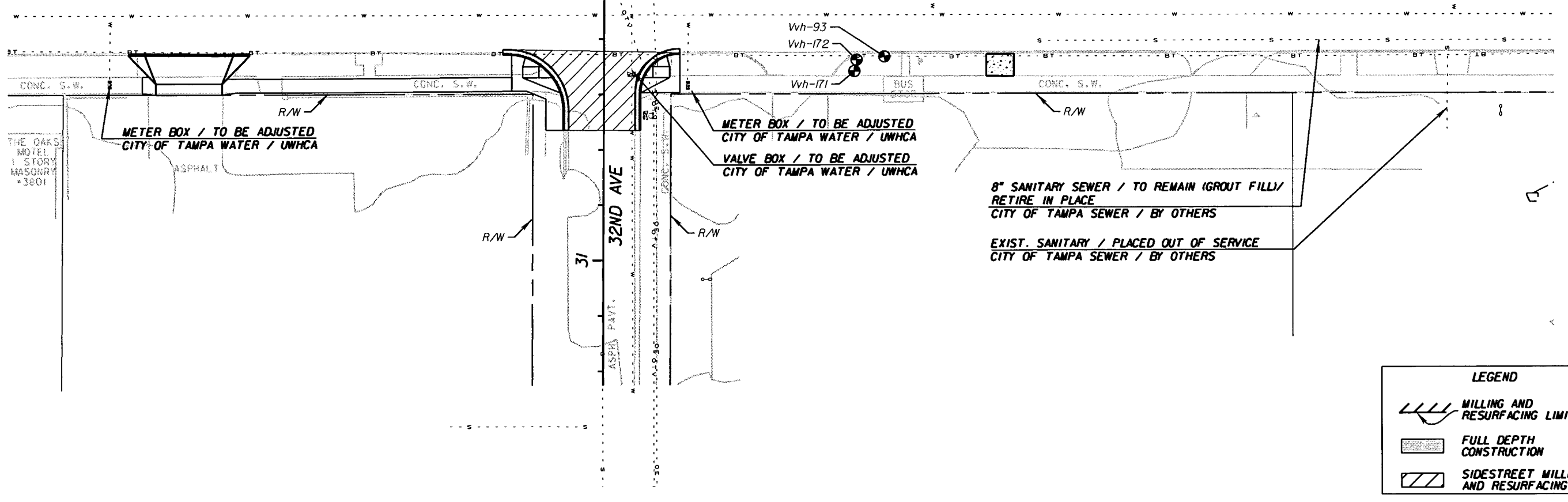
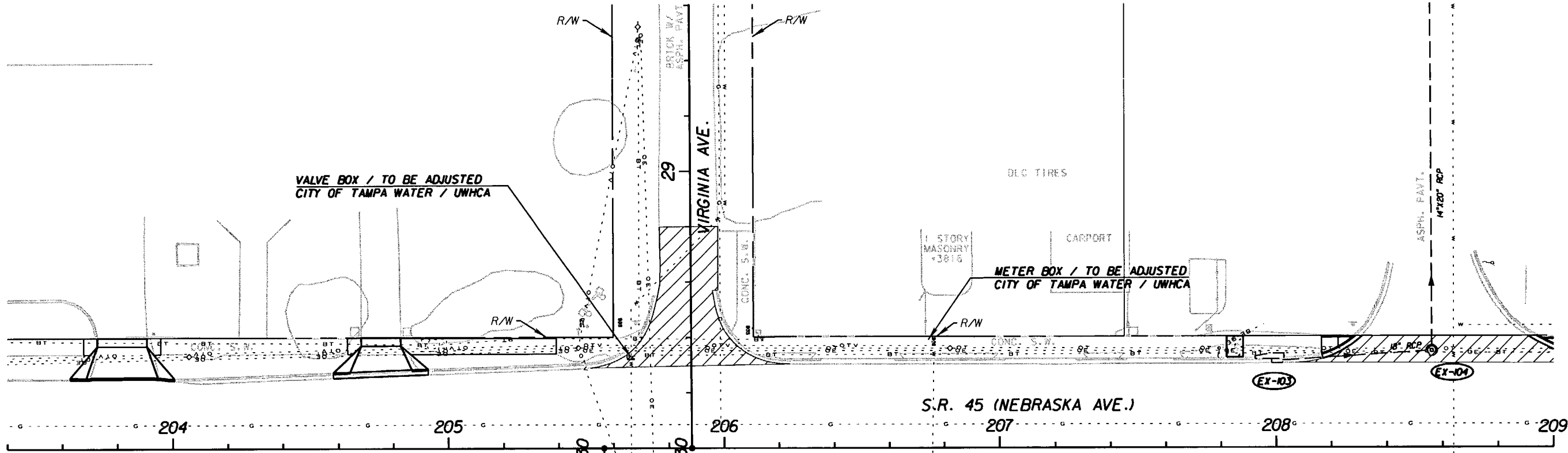
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**197+80.00 TO 203+40.00**

SHEET NO.  
226

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.



LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

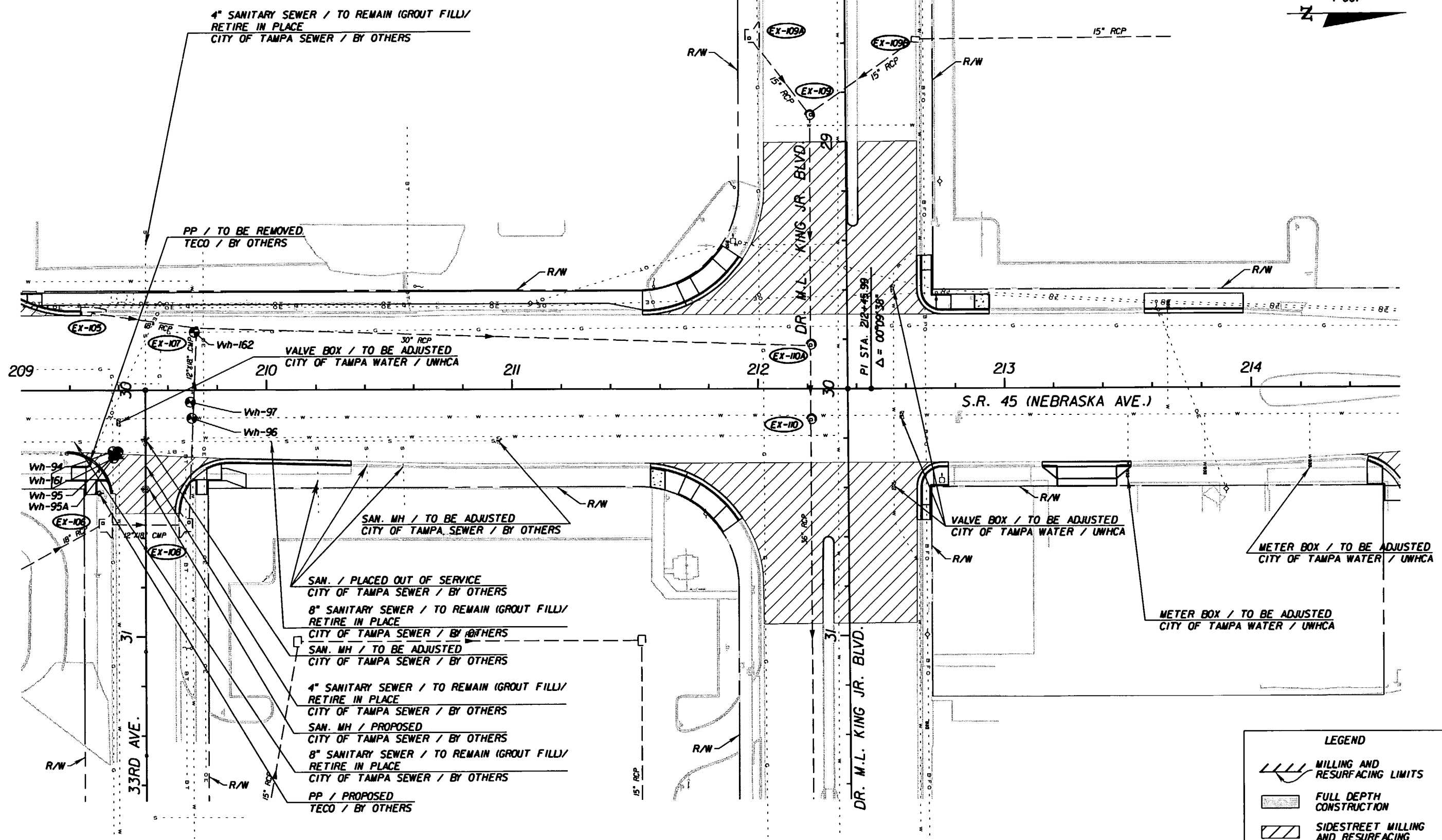
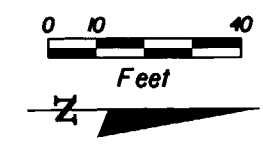
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**203+40.00 TO 209+00.00**

SHEET NO.  
 227

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



4" SANITARY SEWER / TO REMAIN (GROUT FILL)/  
RETIRE IN PLACE  
CITY OF TAMPA SEWER / BY OTHERS

PP / TO BE REMOVED.  
TECO / BY OTHERS

VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

SAN. / PLACED OUT OF SERVICE  
CITY OF TAMPA SEWER / BY OTHERS

8" SANITARY SEWER / TO REMAIN (GROUT FILL)/  
RETIRE IN PLACE  
CITY OF TAMPA SEWER / BY OTHERS

SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

4" SANITARY SEWER / TO REMAIN (GROUT FILL)/  
RETIRE IN PLACE  
CITY OF TAMPA SEWER / BY OTHERS

SAN. MH / PROPOSED  
CITY OF TAMPA SEWER / BY OTHERS

8" SANITARY SEWER / TO REMAIN (GROUT FILL)/  
RETIRE IN PLACE  
CITY OF TAMPA SEWER / BY OTHERS

PP / PROPOSED  
TECO / BY OTHERS

VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

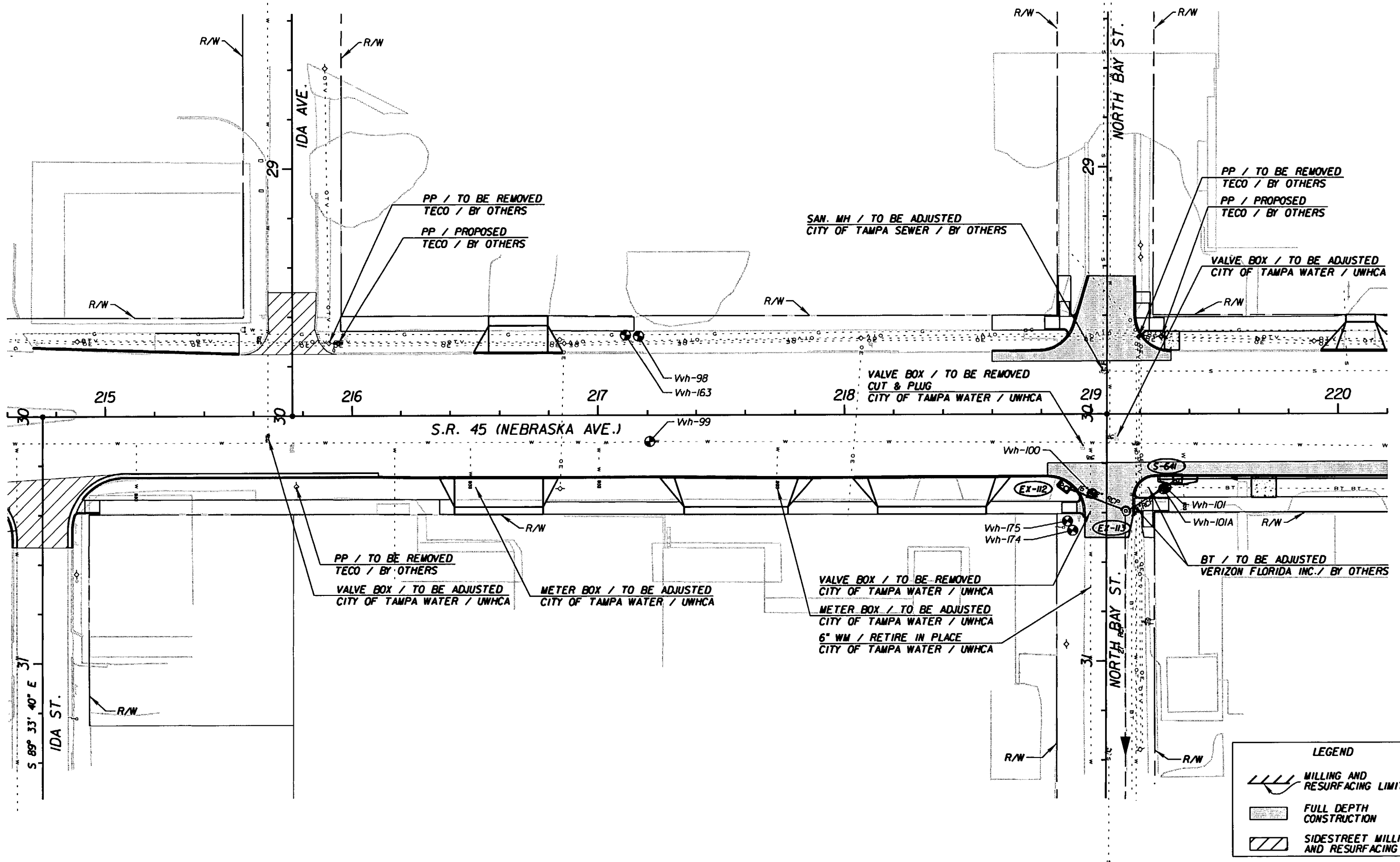
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**209+00.00 TO 214+60.00**

SHEET NO.  
228

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.





LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

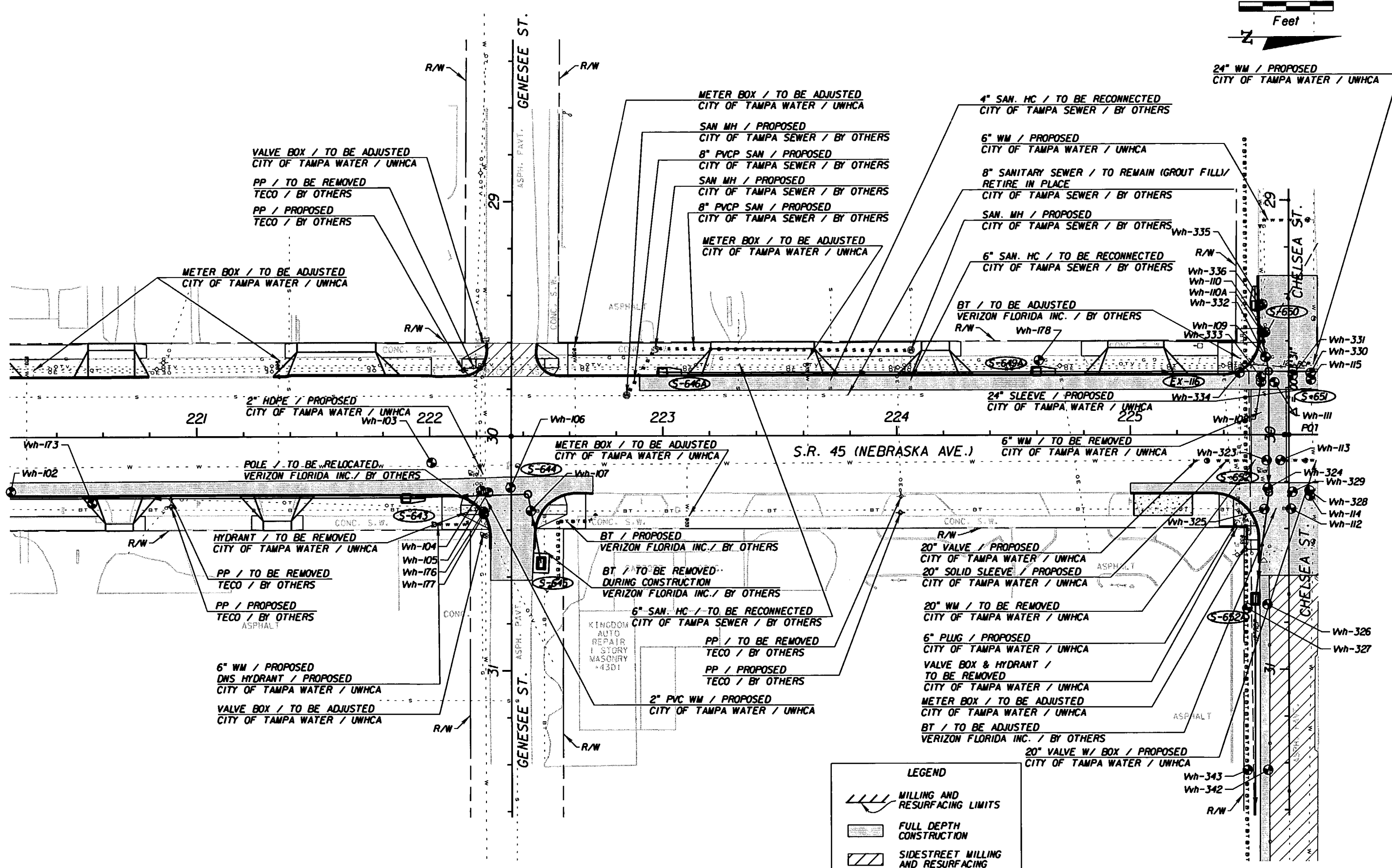
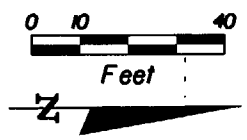
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**214+60.00 TO 220+20.00**

SHEET NO.  
 229

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G15-23.003, F.A.C.



**LEGEND**

	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

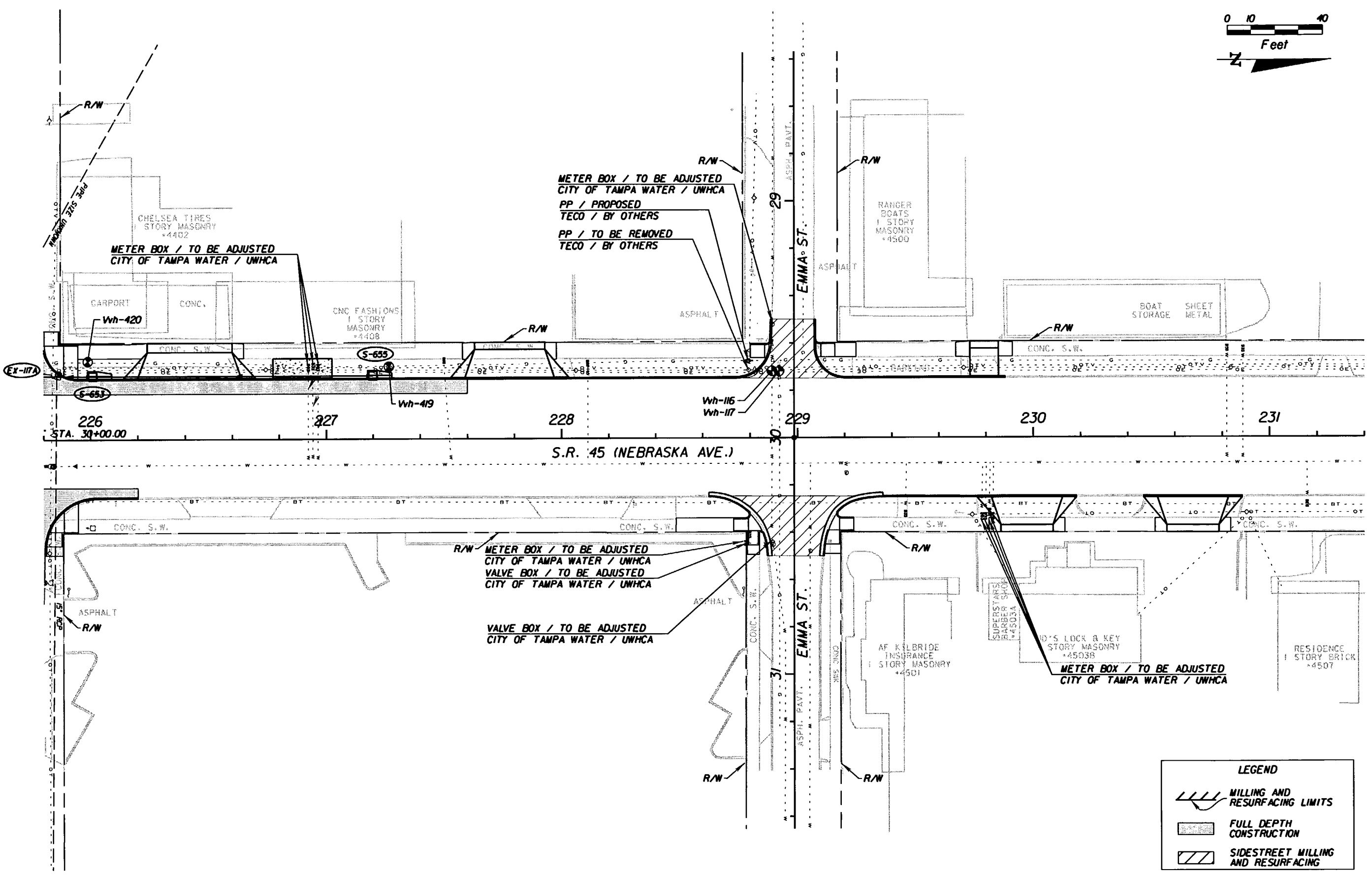
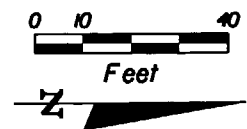
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**220+20.00 TO 225+80.00**

SHEET NO.  
230

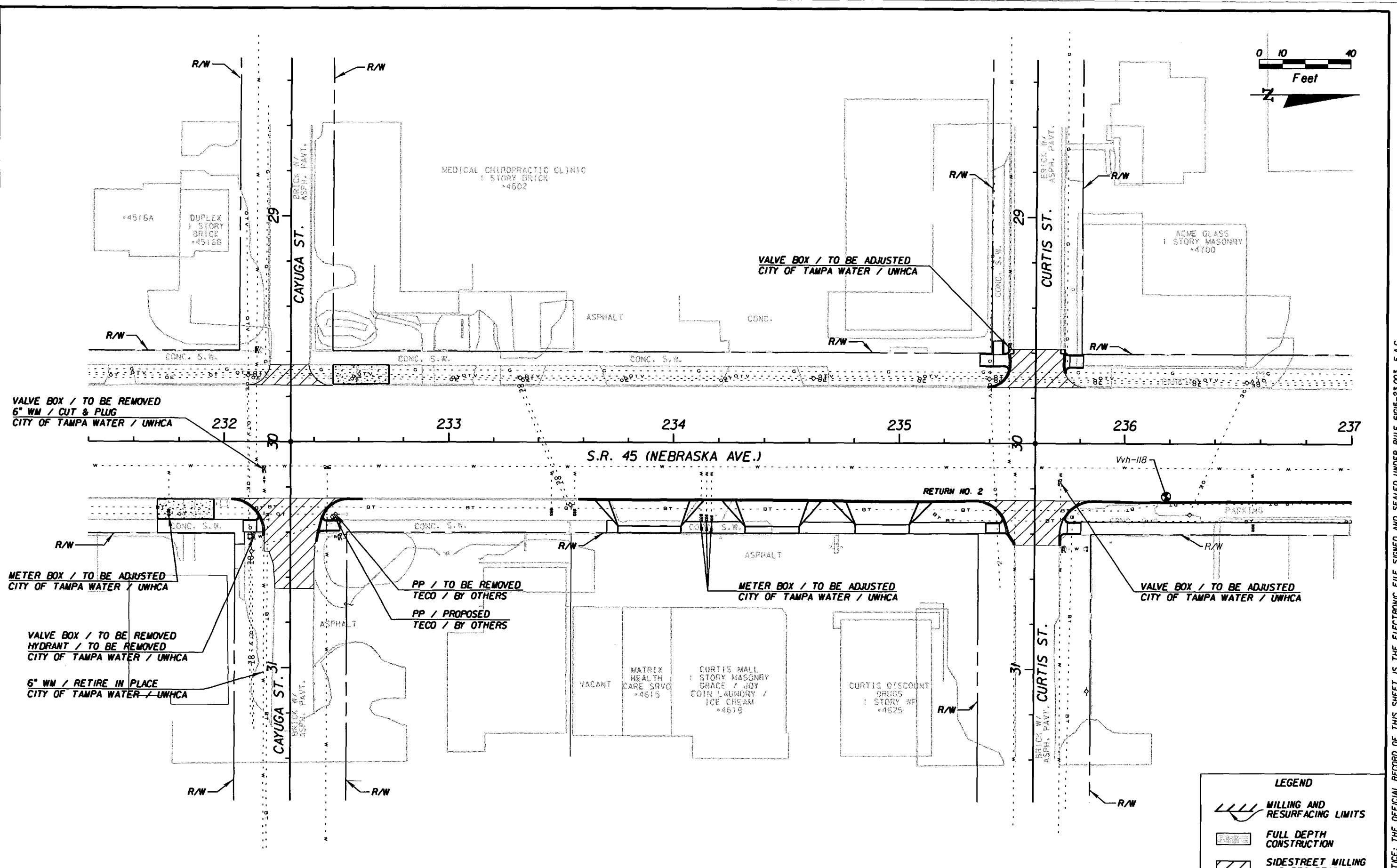
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6015-23.003, F.A.C.



LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS						G. BRITTON HARDY P.E. LICENSE NUMBER 45234 FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7 DESIGN 11201 N. MCKINLEY DR. TAMPA, FL 33612	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT SHEET 225+80.00 TO 231+40.00	SHEET NO. 231
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							S.R. 45	HILLSBOROUGH	255853-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60B5-23.003, F.A.C.



VALVE BOX / TO BE REMOVED  
6" WM / CUT & PLUG  
CITY OF TAMPA WATER / UWHCA

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

VALVE BOX / TO BE REMOVED  
HYDRANT / TO BE REMOVED  
CITY OF TAMPA WATER / UWHCA

6" WM / RETIRE IN PLACE  
CITY OF TAMPA WATER / UWHCA

PP / TO BE REMOVED  
TECO / BY OTHERS  
PP / PROPOSED  
TECO / BY OTHERS

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

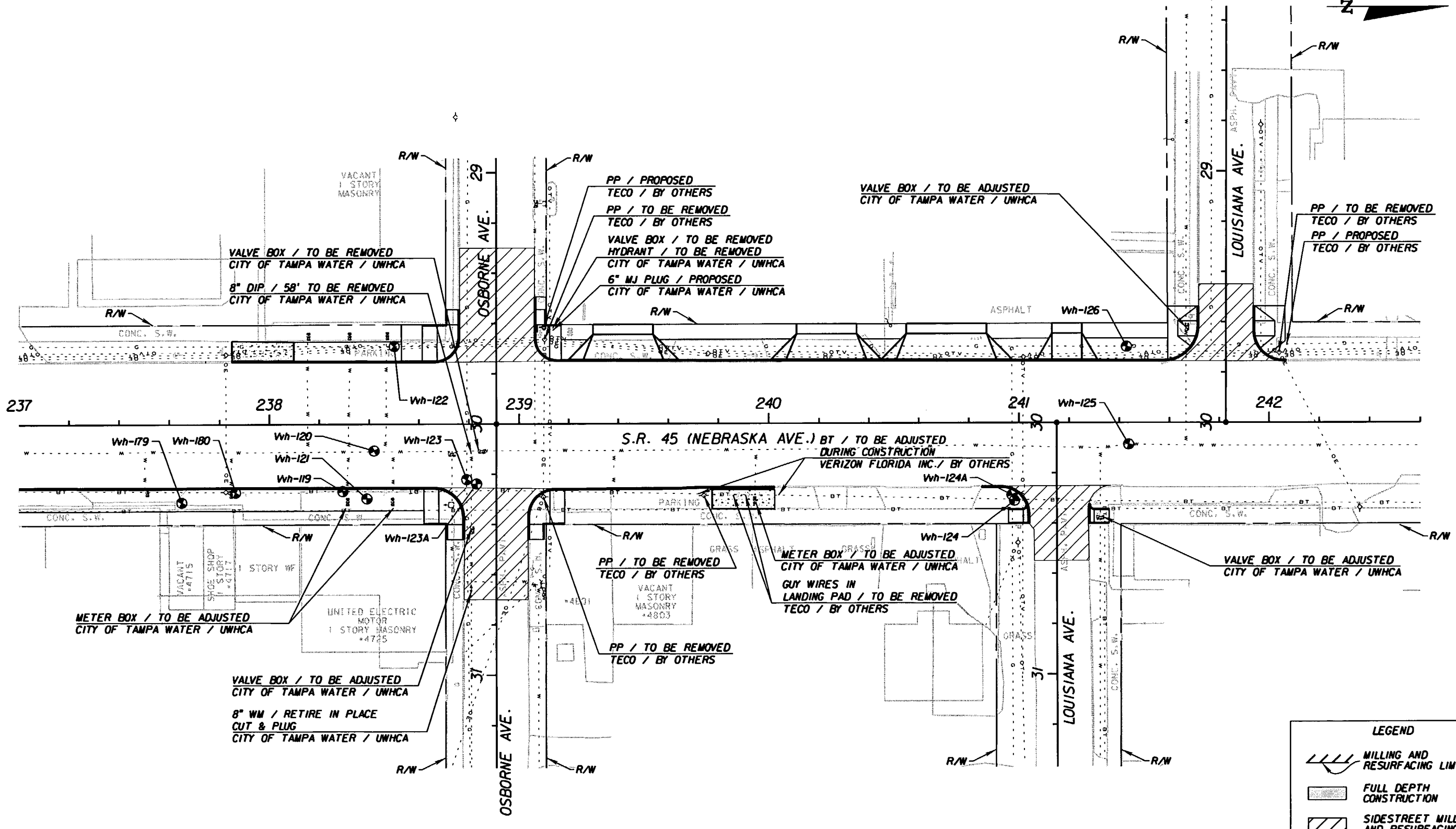
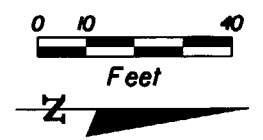
G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**231+40.00 TO 237+00.00**

SHEET NO.  
232

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6815-23.003, F.A.C.



LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

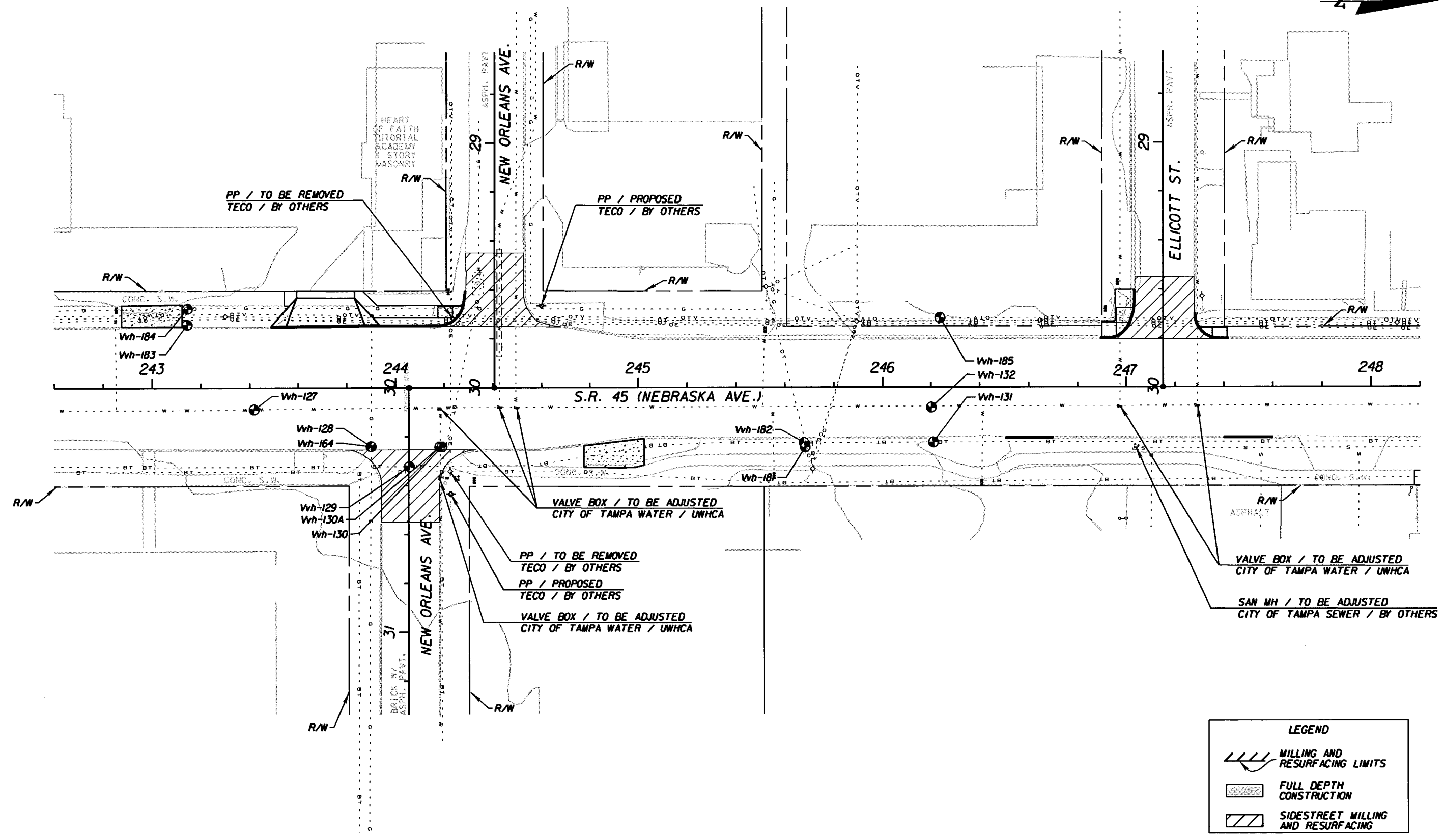
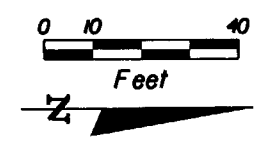
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**237+00.00 TO 242+60.00**

SHEET NO.  
 233

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

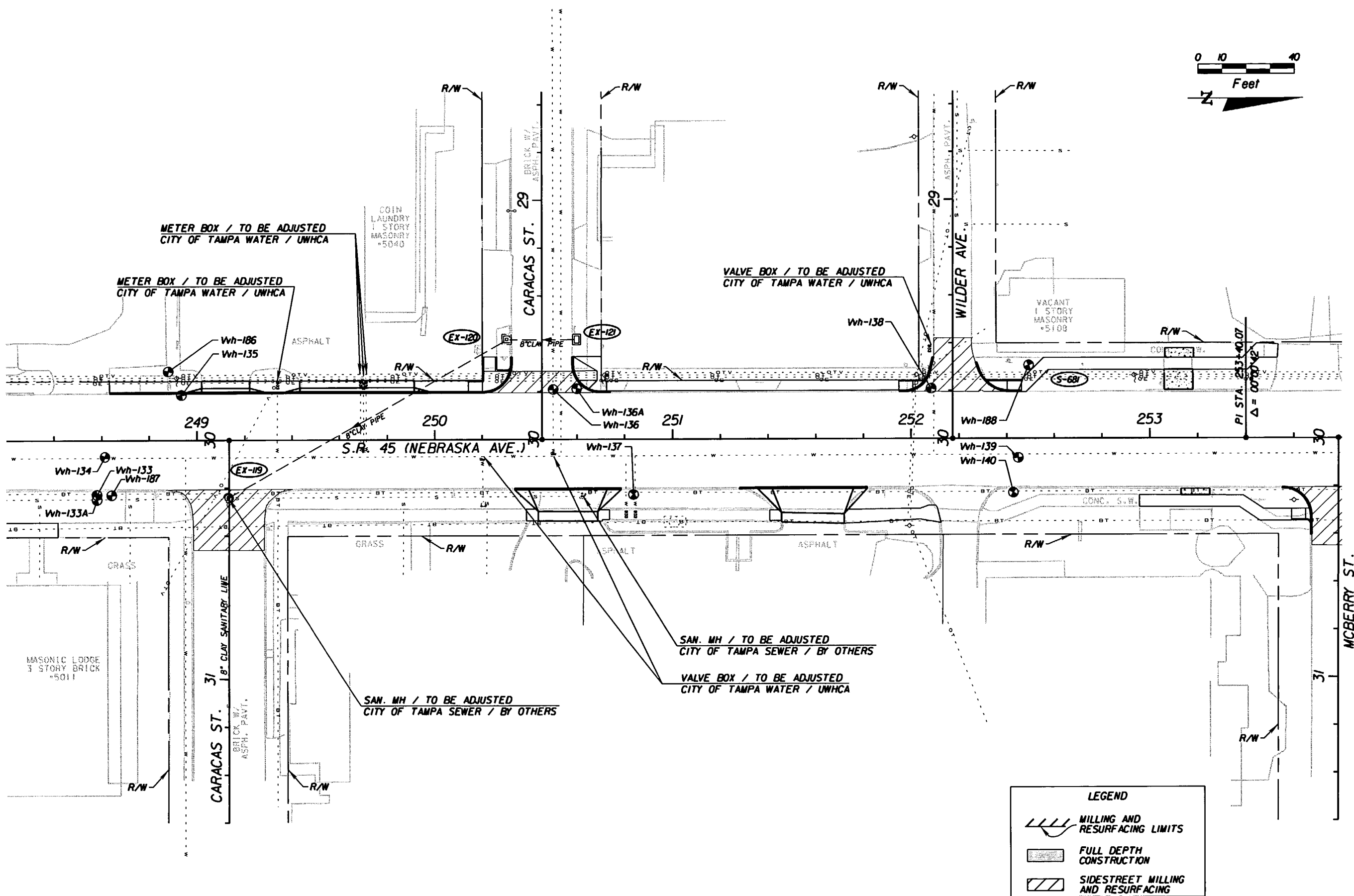
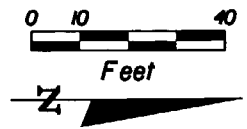
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**242+60.00 TO 248+20.00**

SHEET NO.  
234

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.





LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

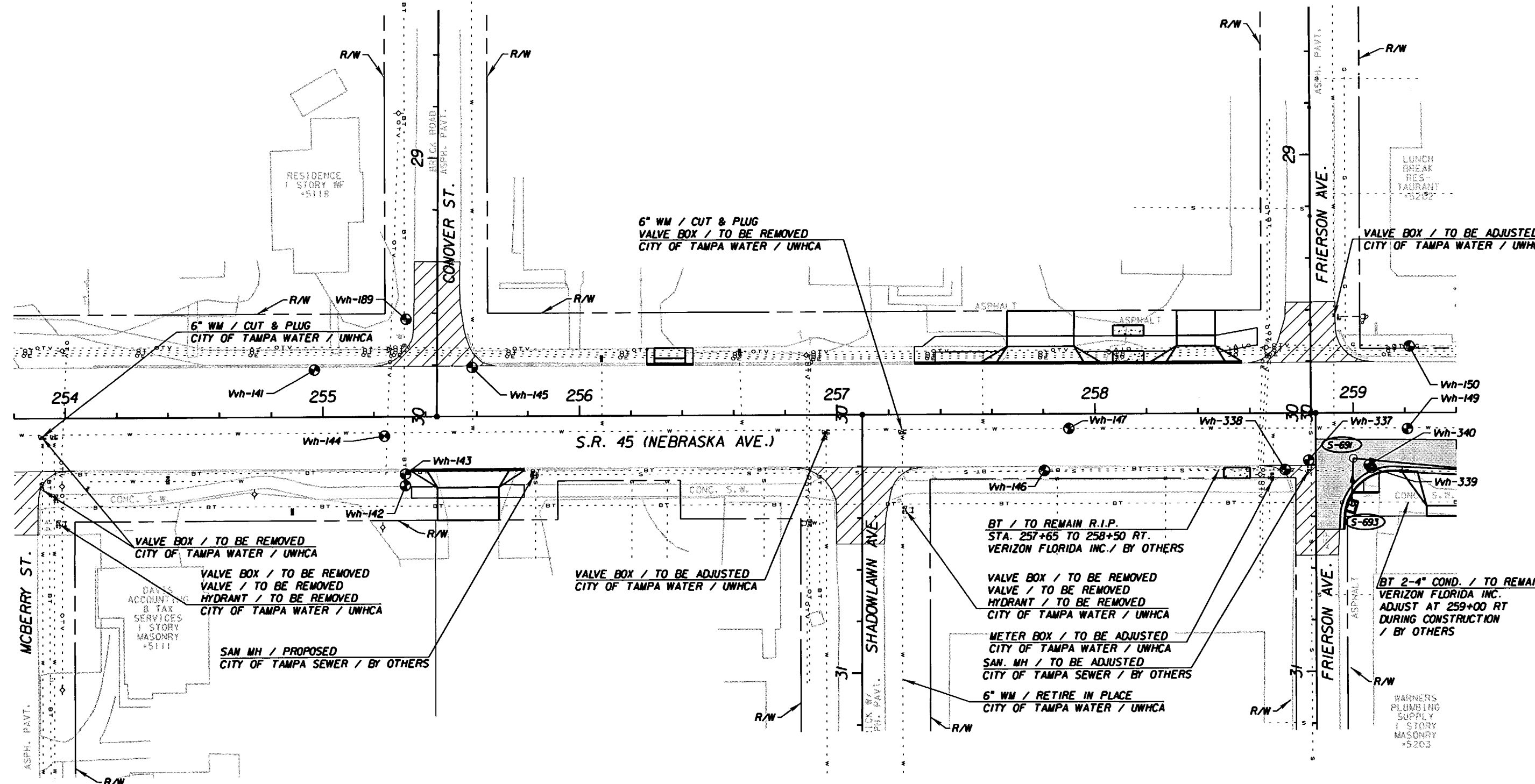
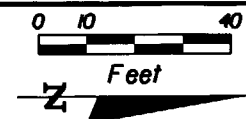
G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**  
**248+20.00 TO 253+80.00**

SHEET NO.  
235

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60B5-23.003, F.A.C.



VALVE BOX / TO BE REMOVED  
CITY OF TAMPA WATER / UWHCA

VALVE / TO BE REMOVED  
VALVE / TO BE REMOVED  
HYDRANT / TO BE REMOVED  
CITY OF TAMPA WATER / UWHCA

SAN MH / PROPOSED  
CITY OF TAMPA SEWER / BY OTHERS

VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

6" WM / CUT & PLUG  
VALVE BOX / TO BE REMOVED  
CITY OF TAMPA WATER / UWHCA

6" WM / CUT & PLUG  
CITY OF TAMPA WATER / UWHCA

BT / TO REMAIN R.I.P.  
STA. 257+65 TO 258+50 RT.  
VERIZON FLORIDA INC. / BY OTHERS

VALVE BOX / TO BE REMOVED  
VALVE / TO BE REMOVED  
HYDRANT / TO BE REMOVED  
CITY OF TAMPA WATER / UWHCA

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA  
SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

6" WM / RETIRE IN PLACE  
CITY OF TAMPA WATER / UWHCA

VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

BT 2-4" COND. / TO REMAIN  
VERIZON FLORIDA INC.  
ADJUST AT 259+00 RT  
DURING CONSTRUCTION  
/ BY OTHERS

**LEGEND**

	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

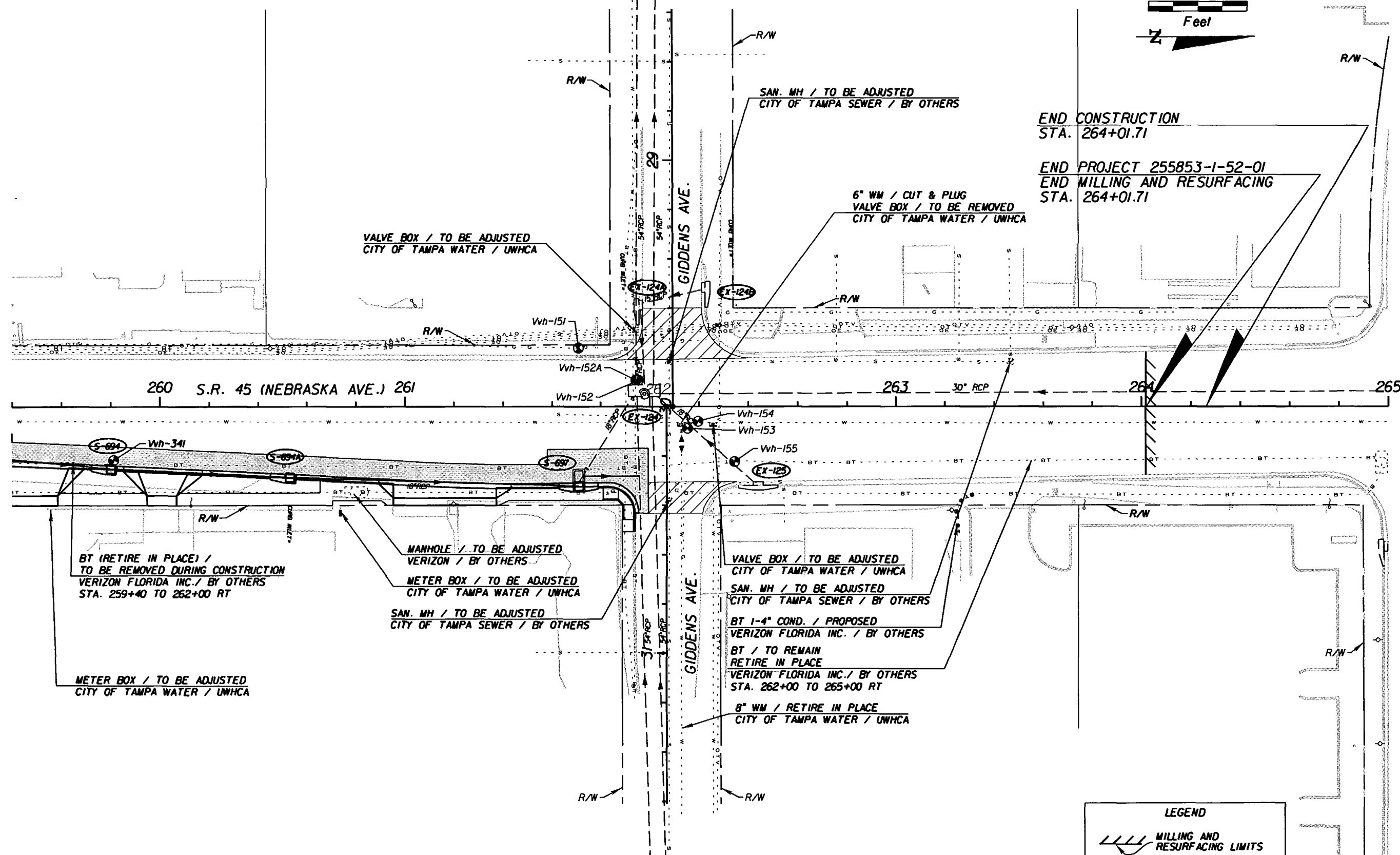
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

<b>UTILITY ADJUSTMENT SHEET</b> <b>253+80.00 TO 259+40.00</b>	SHEET NO. 236
--	------------------

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.



END CONSTRUCTION  
STA. 264+01.71

END PROJECT 255853-1-52-01  
END MILLING AND RESURFACING  
STA. 264+01.71

VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

6" WM / CUT & PLUG  
VALVE BOX / TO BE REMOVED  
CITY OF TAMPA WATER / UWHCA

BT (RETIRE IN PLACE) /  
TO BE REMOVED DURING CONSTRUCTION  
VERIZON FLORIDA INC. / BY OTHERS  
STA. 259+40 TO 262+00 RT

MANHOLE / TO BE ADJUSTED  
VERIZON / BY OTHERS

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

VALVE BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

SAN. MH / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

BT 1-4" COND. / PROPOSED  
VERIZON FLORIDA INC. / BY OTHERS

BT / TO REMAIN  
RETIRE IN PLACE  
VERIZON FLORIDA INC. / BY OTHERS  
STA. 262+00 TO 265+00 RT

8" WM / RETIRE IN PLACE  
CITY OF TAMPA WATER / UWHCA

METER BOX / TO BE ADJUSTED  
CITY OF TAMPA WATER / UWHCA

LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

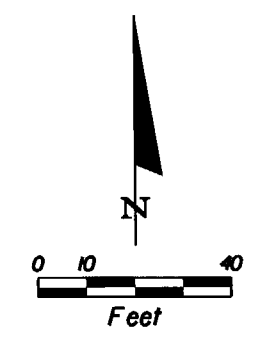
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

**UTILITY ADJUSTMENT SHEET**

**259+40.00 TO 265+00.00**

SHEET NO.  
237

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G15-23.003, F.A.C.



BT / TO REMAIN  
ADJUST AT STA. 225+58 RT.  
VERIZON FLORIDA INC. / BY OTHERS

8" P.E. / PROPOSED  
TECO / PEOPLE'S GAS / BY OTHERS

OE / TO REMAIN  
TECO

24" WM / TO BE ADJUSTED  
CITY OF TAMPA WATER / UNHCA

24" WM / TO REMAIN  
CITY OF TAMPA WATER / UNHCA

AERIAL / TO BE REMOVED  
VERIZON FLORIDA INC. / BY OTHERS

24" WM / TO REMAIN  
CITY OF TAMPA WATER / UNHCA

END MILLING AND RESURFACING  
CON. TO EXIST. PAVT.  
STA. 32+60.00

CHELSEA AVE.  
ASPH. PAVT.

CHELSEA AVE.  
ASPH. PAVT.

S 89° 42' 56" E

PI STA. 225+65.68 30

Wh-344  
Wh-345

18" SAN. SEWER / TO REMAIN  
CITY OF TAMPA SEWER / BY OTHERS

2" GAS / TO BE REMOVED  
(CUT & CAP)  
TECO / PEOPLE'S GAS / BY OTHERS

BT / TO BE REMOVED  
VERIZON FLORIDA INC. / BY OTHERS

18" SAN. SEWER / TO BE ADJUSTED  
CITY OF TAMPA SEWER / BY OTHERS

18" SAN. SEWER / TO REMAIN  
CITY OF TAMPA SEWER / BY OTHERS

BT / REMAIN IN PLACE  
VERIZON FLORIDA INC. / BY OTHERS

OE / TO REMAIN  
TECO

6" WM / TO REMAIN  
CITY OF TAMPA WATER / UNHCA

UNKNOWN WM / TO REMAIN  
CITY OF TAMPA WATER / UNHCA

1-4" CONDUIT / PROPOSED  
DIRECTIONAL BORE  
VERIZON FLORIDA INC. / BY OTHERS  
STA. 28+75 TO STA. 30+50 RT.

18" SAN. SEWER / TO REMAIN  
CITY OF TAMPA SEWER / BY OTHERS

4" C.I. / TO BE REMOVED  
(CUT & CAP)  
TECO / PEOPLE'S GAS / BY OTHERS

BT 2-4" COND W/ COPPER CABLE /  
PROPOSED  
VERIZON FLORIDA INC. / BY OTHERS

OE / TO REMAIN  
TECO / BY OTHERS

LEGEND	
	MILLING AND RESURFACING LIMITS
	FULL DEPTH CONSTRUCTION
	SIDESTREET MILLING AND RESURFACING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

UTILITY ADJUSTMENT SHEET CHELSEA AVE.		SHEET NO.
		238

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

VERIFIED VERTICAL / HORIZONTAL LOCATIONS OF UNDERGROUND UTILITIES

Wh NO.	UTILITY DESCRIPTION	STATION	OFFSET	TOP ELEVATION	DESCRIPTION / COMMENTS
1	3" PVC, ELECTRIC	100+27.34	29.09' LT	18.05	
2	(2)-3" PVC, ELECTRIC	100+33.65	37.46' LT	19.32	
3	3" PVC, ELECTRIC	101+42.82	31.14' LT	16.81	
3A	24"x16" RCP, STORM DRAIN	101+44.36	29.69' LT	18.27	
4	NO UTILITY FOUND	101+43.18	22.30' LT	18.63	10' DIG
5	(1)-2", (1)-1.5" PVC, CATV	102+48.51	32.31' RT	17.52	
5A	(1)-2" PVC, (1)-4" DIRECT BURIED, TELE.	102+45.84	28.71' LT	17.10	
6	(1)-2", (1)-4" PVC, TELEPHONE	102+57.31	26.35' LT	17.88	
7	2" PVC, TRAFFIC SIGNAL CABLE	102+57.76	31.45' LT	16.95	
8	2" PVC, TRAFFIC SIGNAL CABLE	103+43.94	32.46' LT	16.92	
9	8" CAST IRON, GAS	103+98.98	47.92' LT	17.61	
10	NO UTILITY FOUND	103+90.03	52.22' LT	20.11	8' DIG
11	(2)-4" PVC, TELEPHONE DUCT	103+90.90	64.43' LT	17.24	
12	12"x12" TILE, TELEPHONE	106+63.74	8.38' RT	17.91	
13	(4)- 1.5", (1)- 0.5" FOC PVC, DUCT SYS.	106+63.94	4.87' RT	16.92	
14	10" CAST IRON, GAS	106+64.31	8.83' LT	17.44	
15	10" CAST IRON, WATER	106+65.20	11.83' LT	20.32	
16	6" DUCTILE IRON, WATER	106+67.65	32.11' LT	18.48	
17	2" FIBER OPTIC, TELEPHONE	106+76.30	33.53' LT	19.29	
18	12" x 24" TILE, TELEPHONE	106+74.07	32.89' LT	19.23	
19	8" DUCTILE IRON, WATER	106+91.36	34.25' LT	18.68	
20	4" STEEL, GAS	106+92.98	35.57' LT	17.93	
21	(2)-1.5" FIBER OPTIC, TELEPHONE	107+01.31	36.89' LT	18.14	
22	NO UTILITY FOUND	111+64.27	23.25' LT	21.75	8' DIG
23	10" TERRA COTTA, SANITARY	112+00.50	19.34' LT	15.58	
23A	6" CAST IRON, WATER	112+04.71	19.05' LT	18.86	
24	1" COPPER, WATER	112+88.90	18.76' LT	20.30	
25	NO UTILITY FOUND	113+01.43	19.54' LT	21.71	5' DIG
26	12"x12" TILE, TELEPHONE	112+99.81	12.97' RT	19.32	
26A	STORM MANHOLE	112+99.75	15.75' RT	21.83	
26B	(2)-2" FIBER OPTIC CABLE, TELE.	112+99.34	10.98' RT	19.64	
27	10" CAST IRON, WATER	118+99.71	9.21' LT	20.28	
28	12"x12" TILE, TELEPHONE	119+02.19	11.60' RT	20.00	
28A	STORM MANHOLE	119+02.19	15.90' RT	22.23	
28B	(2)-2" FOC, TELEPHONE	119+02.02	9.61' RT	20.07	
29	10" STEEL, GAS	136+07.10	37.97' LT	41.41	
30	8" DUCTILE IRON, WATER	136+32.49	20.04' LT	42.06	
31	NO UTILITY FOUND	136+83.60	21.02' LT	44.68	6' DIG
32	1" DIRECT BURIED, ELECTRIC	138+21.81	17.42' RT	42.21	
33	12"x12" TILE, TELEPHONE	138+21.97	10.45' RT	42.00	
34	12" DUCTILE IRON, WATER	138+22.04	3.15' LT	41.44	
34A	12" TERRA COTTA, SANITARY	138+25.08	1.28' LT	38.62	
35	10" DUCTILE IRON, WATER	139+38.27	20.67' LT	41.64	
36	12"x12" TILE, TELEPHONE	142+02.57	11.24' RT	40.19	
37	12" CAST IRON, WATER	142+03.60	6.81' RT	39.94	
38	4" CAST IRON, WATER	142+04.74	4.74' LT	39.95	
39	8" STEEL, GAS	142+52.13	13.97' LT	38.53	
40	24" CAST IRON, WATER	142+65.14	22.15' LT	38.49	
41	2" TERRA COTTA, TELEPHONE	142+78.99	33.00' LT	38.68	
42	(2)- 4" PVC, TELEPHONE	142+84.02	31.83' LT	38.78	
43	(2)- 3" PVC, CATV	146+42.32	28.91' RT	32.99	
44	12" TERRA COTTA, SANITARY	146+44.63	20.73' RT	34.30	
44A	8" CAST IRON, WATER	146+42.57	20.73' RT	37.49	

VERIFIED VERTICAL / HORIZONTAL LOCATIONS OF UNDERGROUND UTILITIES

Wh NO.	UTILITY DESCRIPTION	STATION	OFFSET	TOP ELEVATION	DESCRIPTION / COMMENTS
45	12" CAST IRON, WATER	146+80.01	10.57' RT	38.03	
46	4" CAST IRON, GAS	146+80.43	7.93' LT	38.14	
47	12" x 12" TILE, TELEPHONE	146+79.77	9.25' LT	38.03	
48	16" DUCTILE IRON, WATER	146+80.64	25.01' LT	36.62	
49	2" PVC, ELECTRIC	149+33.49	24.36' RT	38.77	
50	12" CAST IRON, WATER	149+32.88	10.09' RT	39.00	
51	4" CAST IRON, GAS	149+33.34	7.52' LT	38.63	
52	12" x 12" TILE, TELEPHONE	149+33.29	9.59' LT	39.14	
53	16" CAST IRON, WATER	149+32.37	25.56' LT	36.85	
54	2" PVC, ELECTRIC	151+39.09	32.05' RT	39.05	
55	12" CAST IRON, WATER	151+40.26	10.44' RT	39.43	
56	4" CAST IRON, GAS	151+38.39	8.09' LT	39.30	
57	12"x12" TILE, TELEPHONE	151+38.35	9.58' LT	39.85	
58	16" CAST IRON, WATER	151+40.21	25.40' LT	37.65	
59	(3)- 2" PVC, TELEPHONE	154+31.07	21.01' RT	37.95	
60	12" CAST IRON, WATER	154+17.81	10.18' RT	40.33	
61	4" CAST IRON, GAS	154+10.42	9.52' LT	39.63	
62	12" x 12" TILE, TELEPHONE	154+10.54	7.40' LT	40.65	
63	12" CAST IRON, WATER	156+50.11	10.15' RT	41.08	
64	4" CAST IRON, GAS	156+50.07	7.50' LT	40.55	
65	12" x 12" TILE, TELEPHONE	156+49.98	10.15' LT	40.89	
66	2" PVC, ELECTRIC	158+94.35	20.89' LT	42.45	
67	12" CAST IRON, WATER	159+07.51	22.17' LT	40.78	
69	1.5" STEEL, GAS	159+34.06	22.06' LT	42.50	
70	16" CAST IRON, WATER	161+62.37	22.45' LT	40.86	
71	(1)- 4", (1)- 0.5" CI, TELEPHONE	161+95.07	19.37' LT	41.53	
71A	6" CAST IRON, WATER	161+84.75	20.16' LT	40.72	
71B	4" PVC, GAS	161+94.05	19.29' LT	41.13	
72	1.5" STEEL, GAS	164+09.76	19.44' LT	43.14	
73	16" CAST IRON, WATER	164+99.42	6.28' RT	41.85	
74	4" CAST IRON, GAS	165+00.45	11.62' LT	42.29	
75	12" x 12" TILE, TELEPHONE	164+98.53	9.55' LT	42.16	
76	4" PVC, TELEPHONE	170+84.64	22.51' RT	41.85	
77	4" PVC, TELEPHONE	171+48.09	23.37' RT	41.31	
78	2" DIRECT BURIED, TELEPHONE	172+80.87	17.40' RT	40.41	
79	6" CAST IRON, WATER	174+98.12	20.98' RT	41.06	
80	6" CAST IRON, WATER	177+78.57	21.57' RT	41.57	
81	10" CAST IRON, WATER	183+43.55	21.70' RT	42.22	
82	6" CAST IRON, WATER	185+87.84	22.79' RT	41.13	
82A	4" CAST IRON, TELEPHONE	185+88.75	22.77' RT	42.82	
83	(1)- 1.5", (1)- 1" DB CABLE, TELEPHONE	191+01.02	18.97' RT	42.00	
84	16" CAST IRON, WATER	191+01.59	11.26' RT	42.85	
85	10" CAST IRON, GAS	191+00.59	8.28' LT	42.87	
85A	15" RCP, STORM DRAIN	191+01.29	15.23' LT	40.80	
86	2" PVC, GAS	191+21.31	19.08' LT	42.56	
86A	TERRA COTTA SANITARY	191+14.04	17.56' LT	37.65	
87	3" CAST IRON, WATER	191+31.97	19.08' LT	42.21	
88	2" TELEPHONE	192+40.92	19.24' RT	41.23	
88A	3" CAST IRON, WATER	192+41.02	21.19' RT	41.98	
89	2" TELEPHONE	192+43.60	19.16' RT	41.99	
89A	4" STEEL, GAS	192+46.26	18.94' RT	40.72	
89B	8" TERRA COTTA, SANITARY	192+44.70	21.12' RT	38.48	
90	(1)-2" STEEL, (1)-0.5" DB CABLE, TELE	192+58.88	19.00' RT	42.05	

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
P.E. LICENSE NUMBER 45234  
FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7 DESIGN  
11201 N. MCKINLEY DR.  
TAMPA, FL 33612

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

UTILITY ADJUSTMENT SHEET  
SUE LOCATES (1 OF 4)

SHEET NO.

239

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 66G5-23.003, F.A.C.

VERIFIED VERTICAL / HORIZONTAL LOCATIONS OF UNDERGROUND UTILITIES

Wh NO.	UTILITY DESCRIPTION	STATION	OFFSET	TOP ELEVATION	DESCRIPTION / COMMENTS
90A	8" CAST IRON, SANITARY	192+58.93	21.44' RT	41.88	
91	6" CAST IRON, WATER	199+00.64	19.73' RT	44.16	
92	2" FOC, TELEPHONE	199+28.84	21.69' RT	37.83	
93	1" FIBER OPTIC, TELEPHONE	206+57.98	26.46' RT	47.84	
94	3" WRAPPED STEEL, GAS	209+37.64	24.87' RT	46.84	
95	1" DIRECT BURIED, TELEPHONE	209+38.65	26.28' RT	46.10	
95A	10" CAST IRON, WATER	209+39.67	24.98' RT	46.82	
96	20" CAST IRON, WATER	209+69.61	11.34' RT	48.36	
97	NO UTILITY FOUND	209+69.05	4.80' RT	50.64	6' DIG
98	10" PVC, GAS	217+16.52	31.98' LT	46.62	
99	20" DUCTILE IRON, WATER	217+20.87	10.66' RT	48.12	
100	8" DUCTILE IRON, WATER	219+00.52	32.29' RT	47.58	
101	0.5" TELEPHONE	219+30.40	29.93' RT	48.12	
101A	24" RCP, STORM DRAIN	219+29.39	30.41' RT	48.18	
102	NO UTILITY FOUND	220+20.43	23.24' RT	49.87	10' DIG
103	20" DUCTILE IRON, WATER	222+00.76	11.13' RT	48.56	
104	1.5" STEEL, GAS	222+21.89	23.21' RT	49.02	
105	3" STEEL, WATER	222+24.82	23.90' RT	48.00	
106	6" DUCTILE IRON, WATER	222+34.49	21.94' RT	48.14	
107	0.5" TELEPHONE	222+43.25	31.85' RT	47.50	
108	4" CAST IRON, WATER	225+55.73	22.52' LT	48.29	
109	10" PVC, GAS	225+57.73	33.13' LT	46.49	
110	2" WRAPPED STEEL, GAS	225+57.54	43.78' LT	48.26	
110A	4" CAST IRON, WATER	225+56.17	43.71' LT	47.71	
111	NO UTILITY FOUND	225+61.50	22.40' LT	50.90	5' DIG
112	3", 0.75" DIRECT BURIED, TELE.	225+68.47	31.01' RT	48.28	
113	16" CAST IRON, WATER	225+64.01	10.81' RT	46.28	
114	24" CAST IRON, WATER	225+76.46	26.07' RT	46.10	
115	24" DUCTILE IRON, WATER	225+76.99	23.45' LT	46.69	
116	10" CAST IRON, WATER	228+89.25	28.23' LT	47.90	
117	6" PVC, GAS	228+92.25	28.10' LT	46.08	
118	NO UTILITY FOUND	236+18.42	23.30' RT	51.38	8' DIG
119	2" STEEL, TELEPHONE	238+29.45	26.72' RT	48.21	
120	20" CAST IRON, WATER	238+41.88	10.62' RT	49.51	
121	NO UTILITY FOUND	238+38.97	29.71' RT	51.40	6' DIG
122	10" PVC, GAS	238+50.13	31.01' LT	48.36	
123	2" WRAPPED STEEL, GAS	238+79.19	22.15' RT	48.48	
123A	6" CAST IRON, WATER	238+83.13	23.86' RT	48.10	
124	1" DIRECT BURIED, TELEPHONE	240+98.26	30.95' RT	46.92	
124A	2" WRAPPED STEEL, GAS	240+97.22	28.68' RT	46.10	
125	20" CAST IRON, WATER	241+43.76	8.62' RT	48.29	
126	10" PVC, GAS	241+42.94	30.32' LT	46.69	
127	20" CAST IRON, WATER	243+41.78	8.80' RT	48.20	
128	4" CAST IRON, GAS	243+89.85	24.03' RT	47.21	
129	1" DIRECT BURIED, TELEPHONE	244+05.50	32.23' RT	46.10	
130	(9)- 4" ACP., TELE DUCT SYSTEM	244+18.93	24.16' RT	45.82	
130A	6" CAST IRON, WATER	244+18.00	24.15' RT	47.48	
131	1" TELEPHONE	246+20.95	22.48' RT	47.88	
132	20" CAST IRON, WATER	246+20.09	8.24' RT	47.26	
133	1" DIRECT BURIED, TELEPHONE	248+57.88	22.73' RT	47.34	
133A	8" TERRA COTTA SANITARY	248+57.91	24.88' RT	45.94	
134	20" CAST IRON, WATER	248+61.31	6.80' RT	47.18	
135	NO UTILITY FOUND	248+93.56	18.90' LT	48.51	

VERIFIED VERTICAL / HORIZONTAL LOCATIONS OF UNDERGROUND UTILITIES

Wh NO.	UTILITY DESCRIPTION	STATION	OFFSET	TOP ELEVATION	DESCRIPTION / COMMENTS
136	12" CAST IRON, WATER	250+49.85	20.90' LT	45.60	
136A	2" CAST IRON, WATER	250+59.85	21.18' LT	46.82	
137	1" DIRECT BURIED, TELEPHONE	250+83.64	23.16' RT	46.54	
138	3" CAST IRON, WATER	252+08.45	20.98' LT	46.54	
139	20" CAST IRON, WATER	252+44.90	8.01' RT	46.74	
140	1" FIBER OPTIC, TELEPHONE	252+42.76	22.61' RT	46.41	
141	1" COPPER, WATER	254+96.78	18.29' LT	44.09	
142	0.5" DIRECT BURIED, TELEPHONE	255+32.18	26.63' RT	43.92	
143	2" DIRECT BURIED, TELEPHONE	255+32.24	22.17' RT	44.29	
144	20" CAST IRON, WATER	255+24.06	7.39' RT	43.80	
145	3" CAST IRON, WATER	255+58.23	19.04' LT	43.90	
146	1" FIBER OPTIC, TELEPHONE	257+80.38	21.85' RT	41.89	
147	20" CAST IRON, WATER	257+89.85	5.60' RT	42.09	
149	20" CAST IRON, WATER	259+21.11	6.10' RT	40.80	
150	10" PVC, GAS	259+21.87	25.85' LT	40.27	
151	8" WRAPPED STEEL, GAS	261+70.71	23.81' LT	40.00	
152	54" RCP, STORM DRAIN	261+95.36	10.72' LT	34.89	
152A	2" CAST IRON, WATER	261+94.36	10.77' LT	41.11	
153	10" CAST IRON, WATER	262+15.36	8.70' RT	40.69	
154	20" CAST IRON, WATER	262+19.70	5.94' RT	41.20	
155	1" TELEPHONE	262+34.50	22.19' RT	41.13	
158	8" CAST IRON, GAS	103+98.66	58.59' LT	17.96	
159	8" CAST IRON, GAS	106+67.22	8.71' LT	17.46	
160	8" CAST IRON, GAS	142+52.01	18.68' LT	38.50	
161	(1)-3", (1)-1/2" CAST IRON, GAS	209+37.88	27.43' RT	46.65	
162	8" STEEL, GAS	209+70.73	23.44' LT	45.40	
163	10" STEEL, GAS	217+11.22	32.36' LT	46.81	
164	4" STEEL, GAS	243+89.93	24.00' RT	47.19	
165	0.75" DBC BT	102+56.43	27.14' LT	17.79	
166	6" STEEL WM	100+83.48	29.28' LT	17.20	
167	2" STEEL	161+88.67	30.14' LT	44.22	
168	1" STEEL UNK	175+03.79	26.21' RT	44.03	
169	1" STEEL UNK	177+56.07	29.14' RT	45.06	
170	1" STEEL	200+78.83	32.92' RT	49.62	
171	1" STEEL	206+47.01	31.70' RT	51.39	
172	BURIED TELE., .75 DBC	206+47.85	27.59' RT	51.19	
173	1" STEEL	220+55.36	28.24' RT	50.44	
174	1.5" STEEL	218+92.57	47.09' RT	50.02	
175	6" STEEL WM	218+90.50	43.32' RT	50.23	
176	6" STEEL WM	222+23.01	32.17' RT	50.24	
177	2" STEEL WM	222+24.61	33.14' RT	50.22	
178	6" PVC GAS	224+60.92	31.93' LT	51.07	
179	1" STEEL	237+64.92	31.15' RT	51.48	
180	0.75" DBC BT	237+86.50	27.20' RT	47.31	
181	0.25" STEEL BT AIRLINE	245+68.39	24.51' RT	48.42	
182	0.75" DBC BT	245+67.93	22.63' RT	47.59	
183	1" STEEL	243+14.38	25.82' LT	47.82	
184	12" PVC GAS	243+14.56	32.35' LT	46.98	
185	1" STEEL	246+23.71	28.36' LT	48.16	
186	1" STEEL	248+88.09	28.77' LT	48.34	
187	1" DBC BT	248+64.18	22.93' RT	47.22	

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

G. BRITTON HARDY  
 P.E. LICENSE NUMBER 45234  
 FLORIDA DEPARTMENT OF TRANSPORTATION  
 DISTRICT 7 DESIGN  
 11201 N. MCKINLEY DR.  
 TAMPA, FL 33612

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 45	HILLSBOROUGH	255853-1-52-01

UTILITY ADJUSTMENT SHEET  
 SUE LOCATES (2 OF 4)

SHEET NO.

240

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.





