






















Work Package	RD02S Package 2: Frontage Roads and Mainline East of US181/SH286 - Signing & Striping
Revision	A0
Submittal Stage	Advance Status
Date	5/17/2017

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SIGNING LEGEND

	EXIST SMALL SIGN TO BE RELOCATED		PREFAB PAV MRK W/WNTY TY B(W) (6IN) (BRK) CNTST WITH 2IN(B) ON EACH SIDE (10IN TOTAL WIDTH PER STD SHEET CPM(1)-14 (CONTRAST AND SHADOW PAVEMENT MARKINGS
	EXIST SMALL SIGN TO BE REMOVED		REFL PAV MRKR TY II-C-R
	EXIST LARGE SIGN TO BE REMOVED		REFL PAV MRKR TY I-C
	PROPOSED SMALL SIGN		REFL PAV MRKR TY II-Y-Y
	PROPOSED LARGE SIGN OR OVHD SIGN		INSTL DEL ASSM (D-SW)SZ 1(FLX)GF2
	EXISTING SIGN TO REMAIN		INSTL DEL ASSM (D-SY)SZ 1(FLX)GF2
	PROPOSED SMALL SIGN ASSEMBLY		INSTL DEL ASSM (D-SW)SZ (BR)CTB AT 80' SPA
	EXISTING SMALL SIGN ASSEMBLY TO REMAIN		INSTL DEL ASSM (D-SY)SZ (BR)CTB AT 80' SPA
	PROPOSED LARGE SIGN ASSEMBLY, GROUND MOUNT		
	PROPOSED OVERHEAD SIGN BRIDGE STRUCTURE		
	PROPOSED CANTILEVER SIGN STRUCTURE		

	REFL PAV MRK W/RET REQ TY I (W) 4" (BRK)		ELIM EXT PAV MRK & MRKR (4IN)
	REFL PAV MRK W/RET REQ TY I (Y) 4" (BRK)		ELIM EXT PAV MRK MRKR (18" AND 36")
	REFL PAV MRK W/RET REQ TY I (W) 4" (SLD)		ELIM EXT PAV MRK & MRKR (WORD)
	REFL PAV MRK W/RET REQ TY I (Y) 4" (SLD)		"ONLY" "MERGE" PREFAB PAV MRK TY C (W) (WORD)
	REFL PAV MRK TY I (Y) 4" (SLD) (DBL)		 PREFAB PAV MRK TY C (W) (ARROW)
	REFL PAV MRK TY I (BLACK) 6" (SHADOW) (100 MIL)		EXISTING PAV MRK TO REMAIN
	REFL PAV MRK TY I (W) 8" (SLD) (100 MIL)		RAILROAD CROSSING
	REFL PAV MRK TY I (W) 12" (SLD) (100 MIL)		4" DOTTED WHITE LINE (3' LINE, 9' GAP)
	REFL PAV MRK TY I (W) 24" (SLD) (100 MIL)		4" DOTTED WHITE LINE (2' LINE, 6' GAP)
	REFL PAV MRK TY I (Y) 24" (SLD) (100 MIL)		YIELD LINES

SIGNING AND PAVEMENT MARKING NOTES

1. ALL SIGN LEGENDS AND OFFSETS PER THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD), LATEST STANDARDS AND CORPUS CHRISTI DISTRICT POLICIES.
2. ACTUAL CLEARANCE TO BE SHOWN WILL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION OF THE SIGN.
3. ALL EXISTING TEXAS LOGO SIGNS TO BE RELOCATED BY LONE STAR LOGOS AND SIGNS. CONTRACTOR SHALL CALL MR. RICK RENDON AT (512) 462-1310, FAX (512) 462-1315, TWO WEEKS PRIOR TO COORDINATE THIS WORK.
4. FIELD VERIFY ALL PROPOSED SIGN LOCATIONS BEFORE INSTALLING.
5. LOCATION OF PROPOSED SIGNS IS APPROXIMATE AND SHALL BE ADJUSTED AS SPECIFIED BY TXDOT IN THE FIELD.
6. ALL PAVEMENT MARKINGS ARE ACCORDING TO THE TEXAS PAVEMENT MARKING MANUAL, LATEST STANDARDS AND CORPUS CHRISTI DISTRICT POLICIES.

NO.		BY	DATE


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Engineer: Steven Ogburn
P.E. No.: 115334
Date: _____

PRE-FINAL SUBMITTAL


**NOT FOR
CONSTRUCTION**

US 181 HARBOR BRIDGE


PAVEMENT MARKING & SIGNING
GENERAL NOTES AND LEGEND



FLATIRON/DRAGADOS LLC



AZTEC 2000 Berling Drive, Suite 102
Houston, Texas 77057
281-772-2880



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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	HP X597 (1)	STR-GN
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
HIGHWAY NO.		US181

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INDEX OF SHEETS

SHEET NUMBER	DESCRIPTION	REVISION
STR-FM; 006	LARGE SIGN FORMATS	A0
STR-OSSE; 021 TO 023	OVERHEAD SIGN ELEVATIONS	A0
STR-LOSS; 009 TO 010	SUMMARY OF LARGE SIGNS: IH 37 MAINLINE	A0
STR-SOSS; 038 TO 039	SUMMARY OF SMALL SIGNS: IH 37 MAINLINE	A0
STR-SOSS; 050 TO 057	SUMMARY OF SMALL SIGNS: FRONTAGE ROADS, CROSS ROADS	A0
STR-I37; 001 TO 004	PAVEMENT MARKING AND SIGNING, IH 37 MAINLINE STA 74+00 TO STA 122+00	A0
STR-EWFR; 007 TO 008	PAVEMENT MARKING AND SIGNING, EASTBOUND/WESTBOUND FRONTAGE ROADS STA 99+00 TO STA 122+00	A0
STR-XRBY; 001 TO 002	PAVEMENT MARKING AND SIGNING, NORTH BROADWAY ROAD STA 20+00 TO STA 43+00	A0

NO.		BY	DATE

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P.E. No.: 115334


Date: 5/11/17

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US 181 HARBOR BRIDGE

PAVEMENT MARKING & SIGNING
IH37 - MAINLINE AND FRONTAGE ROADS
INDEX OF SHEETS




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Houston, Texas 77057
281-772-2880

DP-002

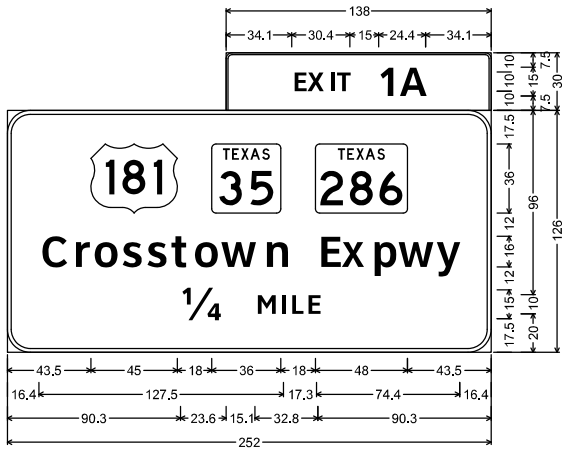


Texas Department of Transportation

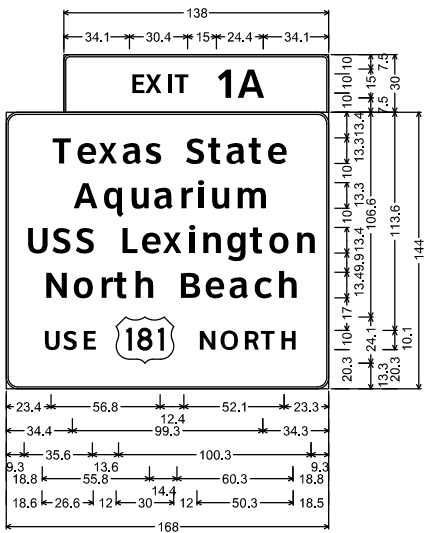
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CONT.	SECT	JOB	HIGHWAY NO.
0101	06	095	US181

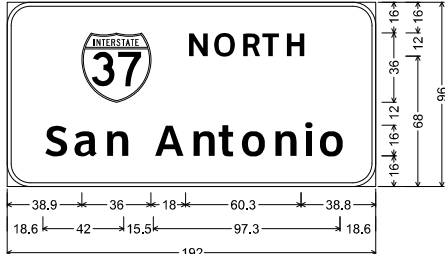
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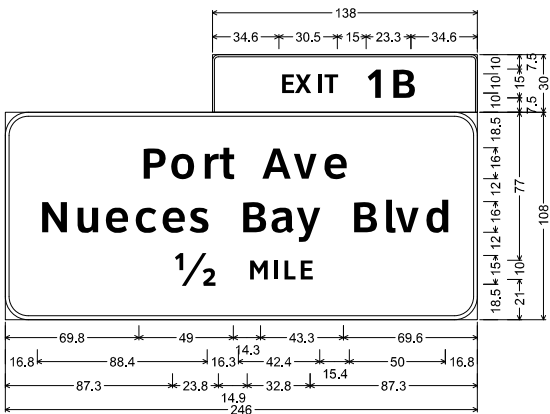
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US 181 M1-4; State Highway 35 M1-6T2; State Highway 286 M1-6T3;
[Crosstown Expwy] ClearviewHwy-5-W-R; [1/4] ClearviewHwy-5-W-R;
[MILE] ClearviewHwy-5-W-R;



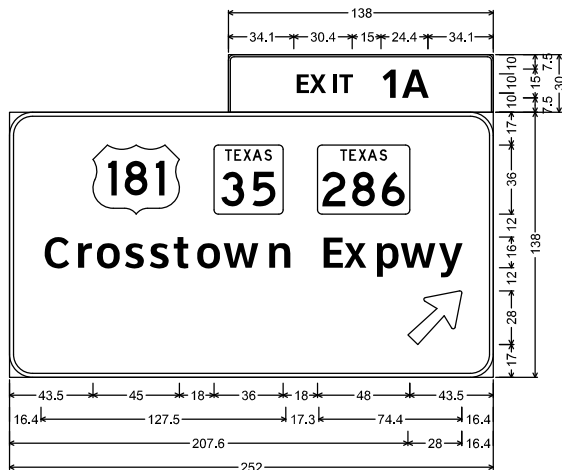
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6.0" Radius, 1.0" Border, White on Brown;
[Texas State] ClearviewHwy-5-W-R;
[Aquarium] ClearviewHwy-5-W-R;
[USS Lexington] ClearviewHwy-5-W-R;
[North Beach] ClearviewHwy-5-W-R;
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[NORTH] ClearviewHwy-5-W-R;



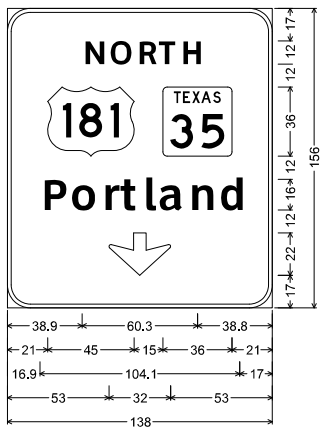
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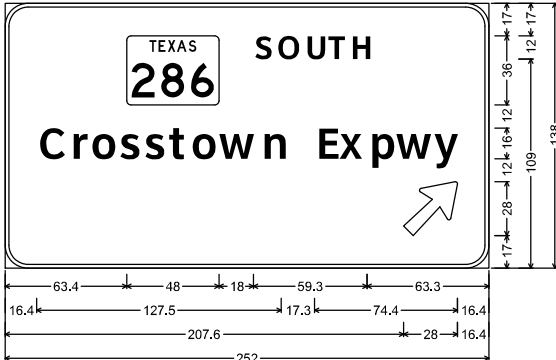
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12.0" Radius, 2.0" Border, White on Green;
[Port Ave] ClearviewHwy-5-W-R;
[Nueces Bay Blvd] ClearviewHwy-5-W-R; [1/2] ClearviewHwy-5-W-R;
[MILE] ClearviewHwy-5-W-R;



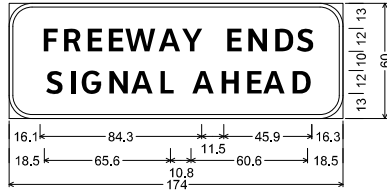
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US 181 M1-4; State Highway 35 M1-6T2; State Highway 286 M1-6T3;
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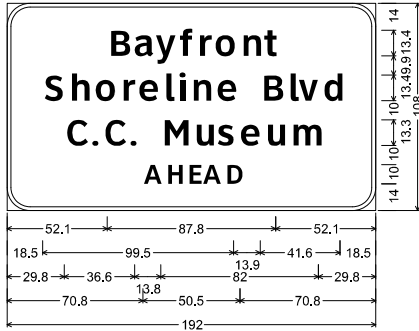
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State Highway 35 M1-6T2;
[Portland] ClearviewHwy-5-W-R;
Down Arrow 22 - 22.0" 270";



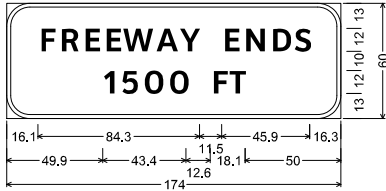
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[Crosstown Expwy] ClearviewHwy-5-W-R; Arrow A-3 - 35.6" 45";



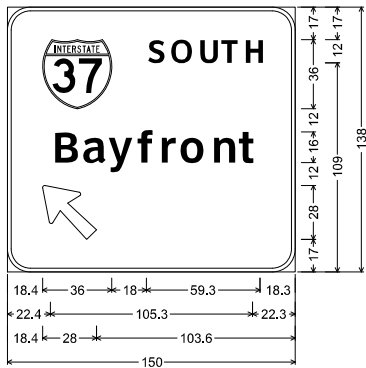
SB 86+50;
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[FREEWAY ENDS] ClearviewHwy-5-W-R;
[SIGNAL AHEAD] ClearviewHwy-5-W-R;



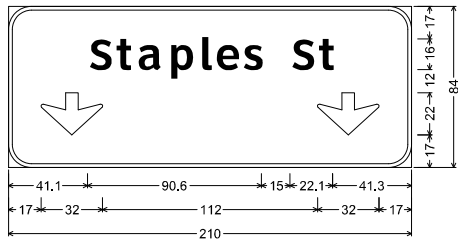
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[AHEAD] ClearviewHwy-5-W-R;



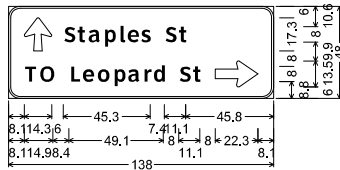
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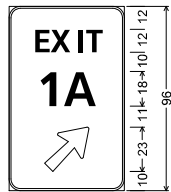
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[SOUTH] ClearviewHwy-5-W-R;
[Bayfront] ClearviewHwy-5-W-R;
Arrow A-3 - 35.6" 135";



EBFR 118+09; 12.0" Radius, 2.0" Border, White on Green;
[Staples St] ClearviewHwy-5-W-R;
Down Arrow 22 - 22.0" 270"; Down Arrow 22 - 22.0" 270";



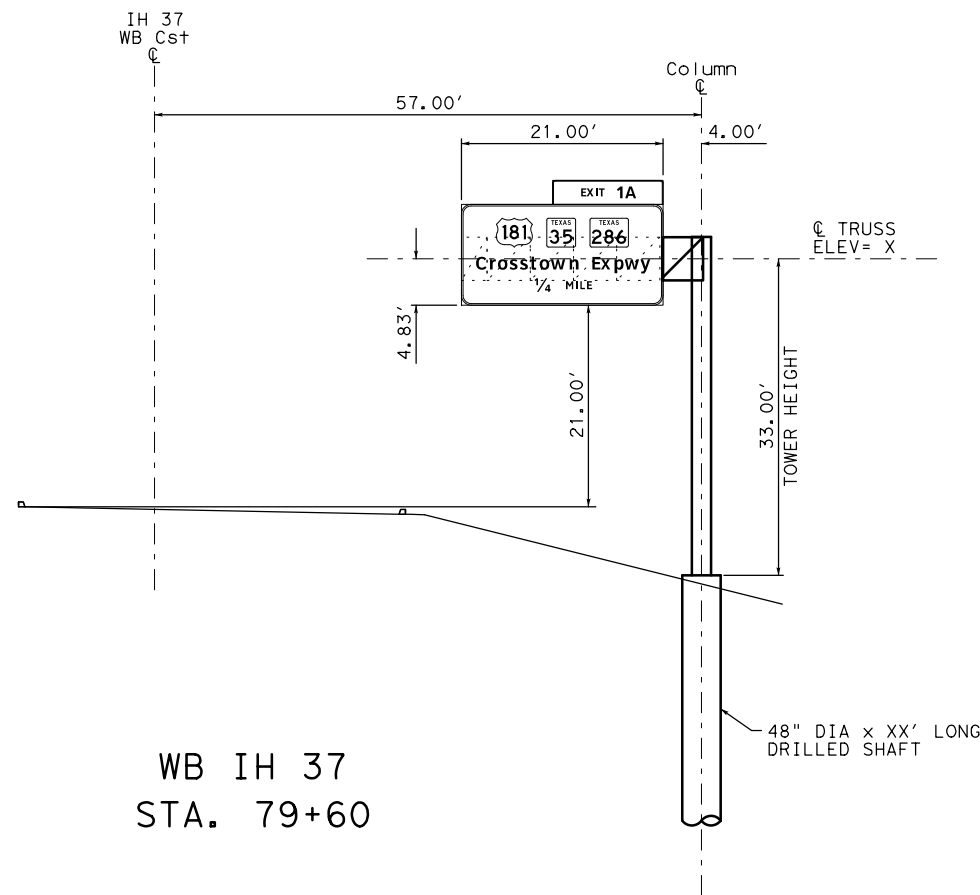
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Arrow B-1 - 17.3" 90";
[Staples St] ClearviewHwy-5-W-R;
[TO Leopard St] ClearviewHwy-5-W-R;
Standard Arrow Custom 22.3" X 13.5" 0";



WB 99+14;
6.0" Radius, 1.0" Border, White on Green;
[EXIT] ClearviewHwy-5-W-R;
[1A] ClearviewHwy-5-W-R;
Arrow A-2 - 29.3" 45";

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Engineer: Steven Ogburn		
P.E. No. 115334		
Date: 5/11/17		
ADVANCED STATUS		
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US 181 HARBOR BRIDGE		
PAVEMENT MARKING & SIGNING		
IH 37 LARGE SIGN FORMATS		
FLATIRON/Dragados LLC		
AZTEC		
DP-002		
Texas Department of Transportation		
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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	HP X597 (1)	STR-FM
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
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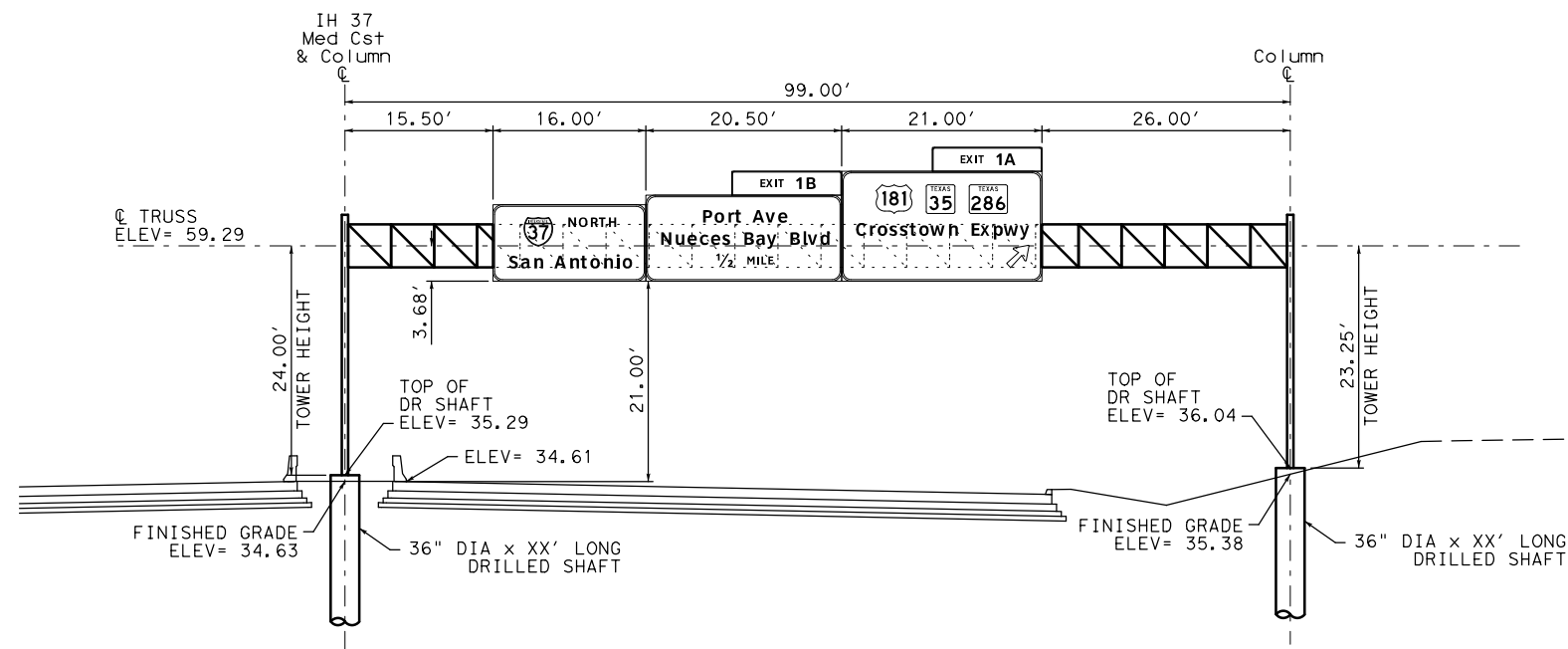


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SPAN LENGTH	25.00
DESIGN HEIGHT	33.00
TOWER HEIGHT	33.00
DESIGN SIGN AREA	250
ACTUAL SIGN AREA	249.25
PENETROMETER VALUE	"N"=XX
DESIGN LOADS	
TORSION	173.89
MOMENT	499.55

STRUCTURE DATA	
STRUCTURE CODE	HCOSS-Z1-10
TRUSS SIZE	4.5' x 4.5'
TOWER SIZE	24"

SUMMARY OF DRILLED SHAFT	
XX LF OF 48 IN DIA DRILLED SHAFT	
BOTTOM BASE PLATE ELEV	x
TOP DRILLED SHAFT ELEV	x
GROUND ELEV	x
BOTTOM DRILLED SHAFT ELEV	XX

Missing Roadway Section



DESIGN DATA	
SPAN LENGTH	99'
DESIGN HEIGHT	24'
TOWER HEIGHT, LEFT	24.00
TOWER HEIGHT, RIGHT	23.25
DESIGN SIGN AREA	742.50
ACTUAL SIGN AREA	611.50
PENETROMETER VALUE	"N"=XX
DESIGN LOADS	
TORSION	26.91
MOMENT	669

STRUCTURE DATA	
STRUCTURE CODE	OSB-Z1
TRUSS SIZE	5.0' x 5.0'
TOWER SIZE	W 16 x 34

SUMMARY OF DRILLED SHAFT	
XX LF OF 36 IN DIA DRILLED SHAFT - LEFT TOWER	
XX LF OF 36 IN DIA DRILLED SHAFT - RIGHT TOWER	

	LEFT	RIGHT
BOTTOM BASE PLATE ELEV	35.46	36.21
TOP DRILLED SHAFT ELEV	35.29	36.04
GROUND ELEV	34.63	35.38
BOTTOM DRILLED SHAFT ELEV	X	X

NO.	BY	DATE
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P.E. No.: **115334**

Date: **5/11/17**

ADVANCED STATUS

NOT FOR CONSTRUCTION

US 181 HARBOR BRIDGE

PAVEMENT MARKING & SIGNING

IH 37 MAINLINE OVERHEAD SIGN STRUCTURE ELEVATIONS

FLATIRON/DRAGADOS LLC

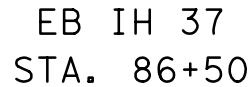
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Houston, Texas 77057
713-772-2880

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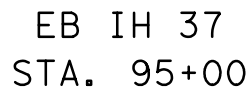
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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
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TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
		HIGHWAY NO.
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TOWER SIZE	24"	

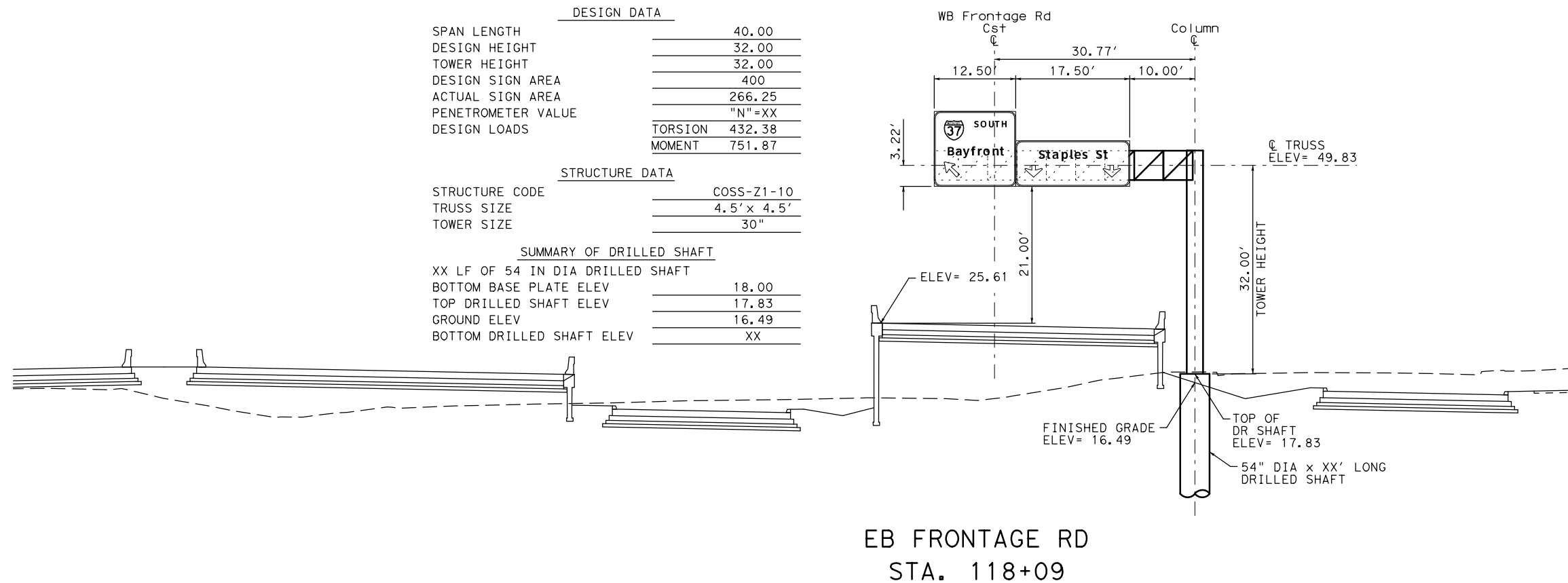
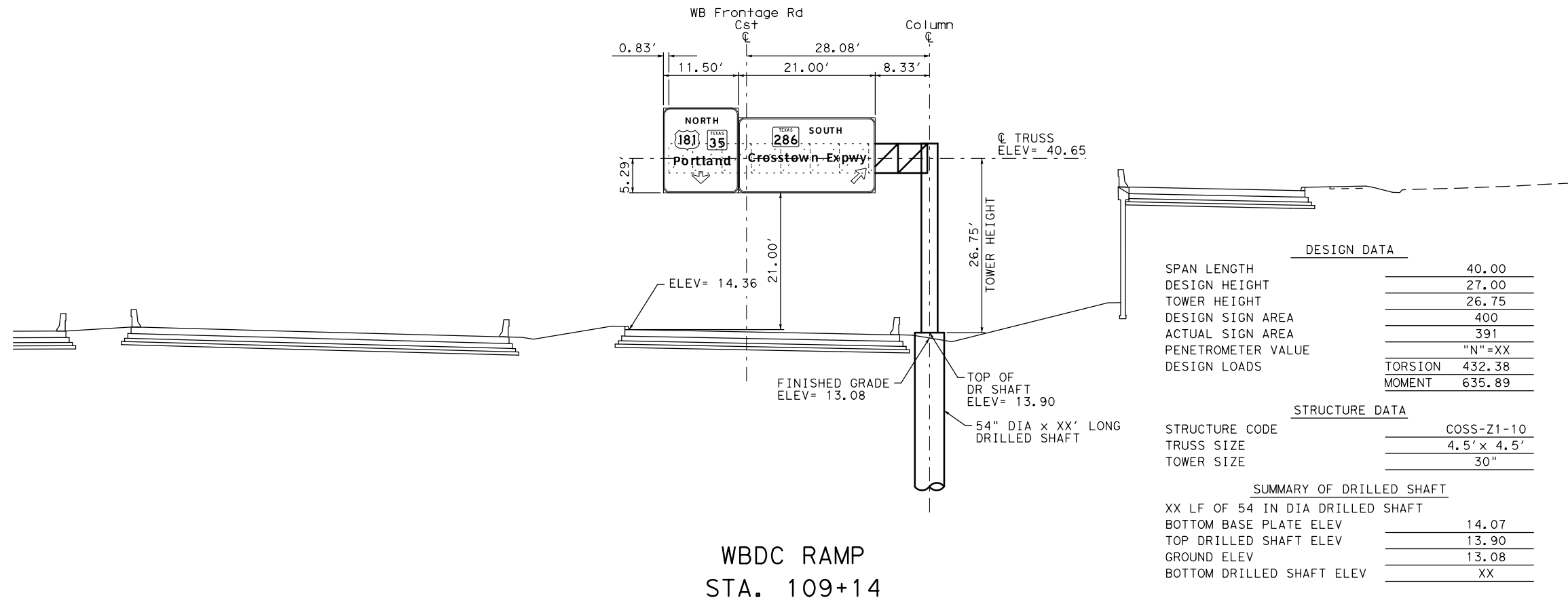
Missing Roadway Section



STRUCTURE DATA	
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TRUSS SIZE	4.5' x 4.5'
TOWER SIZE	24"

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<div><div><div><div><div></div><div></div><div>FLATIRON DRAGADOS</div></div><div><div><div><div><div></div><div>FLATIRON DRAGADOS LLC</div></div><div><div><div><div><div></div><div>AZTEC</div></div><div><div></div><div><div>2000 Berlin Drive, Suite 702 Houston, Texas 77057 541-172-2880</div></div></div></div></div><div><div><div><div><div></div><div></div><div><div>Texas Department of Transportation</div></div></div><div><div><div><div><div></div><div>© 2016</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div>																																									
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FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		SHEET NO.																																					
6		HP X597(1)																																							
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NO.	BY	DATE
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Engineer: Steven Ogburn
P.E. No. 115334
Date: 5/11/17

ADVANCED STATUS

NOT FOR CONSTRUCTION
US 181 HARBOR BRIDGE

PAVEMENT MARKING & SIGNING
IH 37 FRONTAGE ROAD
OVERHEAD SIGN
STRUCTURE ELEVATIONS

FLATIRON/Dragados LLC

AZTEC 2020 Berling Drive, Suite 102
Houston, Texas 77057
281-772-2880

DP-002

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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	HP X597(1)	STR-OSSE
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
		HIGHWAY NO.
		US181

[illegible]

NO.					BY		DATE

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Engineer, Steven Ogburn

P.E. No., 115334


Date, 5/11/17

ADVANCED STATUS



**NOT FOR
CONSTRUCTION**

US 181 HARBOR BRIDGE

**PAVEMENT MARKING & SIGNING
SUMMARY OF LARGE SIGNS
IH37**




FLATIRON/DRAGADOS LLC

2000 Berling Drive, Suite 702
Houston, Texas 77057
546-772-2880

DP-00Z






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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6	HP X597 (1)		STR-L0SS
STATE	STATE DIST. NO.	COUNTY	009
TEXAS	CRP	NUECES	
CONT.	SECT	JOB	HIGHWAY NO.
0101	06	095	US181

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NO.			BY		DATE
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<div style="text-align: center;">ADVANCED STATUS NOT FOR CONSTRUCTION US 181 HARBOR BRIDGE</div>					
<div style="text-align: center;">PAVEMENT MARKING & SIGNING SUMMARY OF LARGE SIGNS IH37</div>					
<div style="text-align: center;"> FLATIRON/DragADOS LLC</div>					
<div style="text-align: center;"> 2000 Berling Drive, Suite 702 Houston, Texas 77057 546-772-2880</div>					
DP-002					
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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.			SHEET NO.	
6	HP X597 (1)			STR-L0SS	
STATE	STATE DIST. NO.	COUNTY		010	
TEXAS	CRP	NUECES			
CONT.	SECT	JOB		HIGHWAY NO.	
0101	06	095		US181	

Plotted: 5/9/2017 12:42:46 PM
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Design File: dw:\stntec-sc-pw\Documents\01 Projects\HBR\Bui\1-1-Sheets\Sign_Summaries\HBR_STR_SOSS_038.dgn

SUMMARY OF SMALL SIGNS - MAINLINE													
PLAN SHEET NO.	SIGN NO.	STATION	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)					BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
								POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION		
											PREFABRICATED	1EXT or 2EXT = # of Ext BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	
FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80	1 or 2	UA=Universal Conc UB=Universal Bolt SA=Slipbase-Conc SB=Slipbase-Bolt WS=Wedge Steel WP=Wedge Plastic	P = "Plain" T = "T" U = "U"										
TY N	TY S												
STR-137 004	299	STA 121+04 EB IH37	M3-3 M1-1		36" X 18" 36" X 36"	X		10BWG	1	SA	T	EXAL	
STR-137 004	298	STA 118+00 EB IH37	R2-1 (55)		36" X 48"	X		10BWG	1	SA	T	EXAL	
STR-137 003	297	STA 106+12 EB IH37	W4-1R		48" X 48"	X		10BWG	1	SA	T	EXAL	
STR-137 003	296	STA 102+02 EB IH37	R2-1 (50)		36" X 48"	X		10BWG	1	SA	T	EXAL	
STR-137 003	295	STA 100+00 EB IH37	D10-1		12" X 24"	X		10BWG	1	SA	P	EXAL	
STR-137 002	294	STA 93+92 EB IH37	W4-1aTL		48" X 48"	X		10BWG	1	SA	T	EXAL	
STR-137 002	292	STA 91+80, LT EB IH37	R2-1 (50)		36" X 48"	X		10BWG	1	SA	T	EXAL	
STR-137 002	291	STA 91+80, RT EB IH37	R2-1 (50)		36" X 48"	X		10BWG	1	SA	T	EXAL	
STR-137 001	289	STA 86+82, LT EB IH37	R2-1 (45)		36" X 48"	X		10BWG	1	SA	T	EXAL	
STR-137 001	288	STA 86+82, RT EB IH37	R2-1 (45)		36" X 48"	X		10BWG	1	SA	T	EXAL	
STR-137 001	940	STA 85+36 EB IH37	R3-7R		36" X 36"	X		10BWG	1	SA	T	EXAL	
STR-137 001	399	STA 82+79 EB IH37	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-137 001	400	STA 81+22 WB IH 37	R3-7R		36" X 36"	X		10BWG	1	SA	T	EXAL	
STR-137 001	401	STA 81+62 WB IH37	R2-1 (45)		36" X 48"	X		10BWG	1	SA	T	EXAL	
STR-137 001	910	STA 82+73 WB IH37	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-137 001	402	STA 85+48, LT WB IH37	M3-1 M1-1		36" X 18" 36" X 36"	X		10BWG	1	SA	T	EXAL	

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

The Standard Highway Sign Designs for Texas (SHSD) can be found at the following website.
<http://www.txdot.gov/>

- NOTE:
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 - For installation of bridge mount clearance signs, see Bridge Mounted Clearance Sign Assembly (BMCS) Standard Sheet.
 - For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD(GEN).

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ADVANCED STATUS		
NOT FOR CONSTRUCTION		
US 181 HARBOR BRIDGE		
PAVEMENT MARKING & SIGNING SUMMARY OF SMALL SIGNS		
IH 37 MAINLINE		
FLATIRON/DragADOS LLC		
2000 Berling Drive, Suite 102 Houston, Texas 77057 281-772-2880		
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Texas Department of Transportation		
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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	HP X597(1)	STR-SOSS IH37_ML
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
HIGHWAY NO.		US181

SUMMARY OF SMALL SIGNS - MAINLINE

[illegible]

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

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Engineer, Steven Ogburn
P.E. No. 115334
Date: 5/11/17

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**NOT FOR
CONSTRUCTION**
US 181 HARBOR BRIDGE

PAVEMENT MARKING & SIGNING SUMMARY OF SMALL SIGNS

IH 37 MAINLINE

**FLATIRON/Dragados LLC**

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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6	HP X597(1)		STR-SOSS IH37-ML
STATE	STATE DIST. NO.	COUNTY	039
TEXAS	CRP	NUECES	
CONT.	SECT	JOB	
0101	06	095	HIGHWAY NO. US181

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SUMMARY OF SMALL SIGNS - FRONTAGE ROADS													
PLAN SHEET NO.	SIGN NO.	STATION	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)					BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
								POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION		
											PREFABRICATED	1EXT or 2EXT = # of Ext BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	
													FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80
STR-EWFR 008		STA 121+48 EBFR (ANTELOPE ST)	R6-1R		54" X 18"	X		10BWG	1	SA	T	BM	
STR-EWFR 008		STA 10+41 MEXICO ST	R6-1R D3-1 (ANTELOPE) W14-1a D3-1 (MEXICO) R1-1		54" X 18" D3-1 (ANTELOPE) 36" X 8" D3-1 (MEXICO) 36" X 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 008		STA 118+40 EBFR (ANTELOPE ST)	GUIDE SIGN		138" X 48"	X		S80	2	SA	T	EXAL	
STR-EWFR 008		STA 117+85 EBFR (ANTELOPE ST)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 008		STA 116+08 EBFR (ANTELOPE ST)	R5-1A E5-1		36" x 24" 72" x 60"	X		S80	2	SA	T	EXAL	
STR-EWFR 008		STA 115+80 EWFR (ANTELOPE ST)	R5-1A		36" x 24"	X		10BWG	1	SA	P	EXAL	
STR-EWFR 008		STA 114+63 EBFR (ANTELOPE ST)	R5-1		36" x 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 008		STA 114+61 EBFR (ANTELOPE ST)	R5-1 W4-3R		36" x 36" 36" x 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 008		STA 114+31 EBFR (ANTELOPE ST)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 008		STA 114+08 EBFR (ANTELOPE ST)	R6-1R D3-1 (ANTELOPE) D3-1 (SAM RANKIN) R1-1		54" X 18" D3-1 (ANTELOPE) D3-1 (SAM RANKIN) 36" X 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 008		STA 113+00 EBFR (ANTELOPE ST)	W4-3R		36" x 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 008		STA 112+20 EWFR (ANTELOPE ST)	R1-2 R1-2bTP		36" x 36" x 36" 21" x 15"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007		STA 110+62 EBFR (ANTELOPE ST)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

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 - For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD(GEN).

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ADVANCED STATUS		
NOT FOR CONSTRUCTION US 181 HARBOR BRIDGE		
PAVEMENT MARKING & SIGNING SUMMARY OF SMALL SIGNS IH 37 - FRONTAGE ROADS		
DP-002		
Texas Department of Transportation		
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	HP X597 (1)	STR-SOSS IH37 EWFR
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
		HIGHWAY NO.
		US181

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SUMMARY OF SMALL SIGNS - FRONTAGE ROADS													
PLAN SHEET NO.	SIGN NO.	STATION	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)					BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
								POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION		
											PREFABRICATED	1EXT or 2EXT = # of Ext BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	
													FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80
STR-EWFR 007	388	STA 110+46 EBFR (ANTELOPE ST)	R6-1R D3-1 (ANTELOPE) D3-1 (ALAMEDA) R1-1		54" X 18" D3-1 (ANTELOPE) D3-1 (ALAMEDA) 36" X 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007	389	STA 110+00 EBFR (ANTELOPE ST)	ROUTE ASSEMBLY		(24" X 12") M4-5 (24" X 12") M3-1 (24" X 24") M1-1 M6-1 LEFT (21" X 15")	X		10BWG	1	SA	U	EXAL	
STR-EWFR 007	390	STA 109+21, LT EBFR (ANTELOPE ST)	R3-7L		36" X 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007	391	STA 109+21, RT EBFR (ANTELOPE ST)	R3-7R		36" X 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007	392	STA 107+47, LT EBFR (ANTELOPE ST)	R5-1 R1-1 R1-3P		36" X 36" 36" X 36" 18" X 6"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007	393	STA 107+47, RT EBFR (ANTELOPE ST)	R5-1 R1-1 R1-3P		36" X 36" 36" X 36" 18" X 6"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007	394	STA 25+00 SB STAPLES ST	R6-1R R6-1L D3-1 (ANTELOPE) D3-1 (STAPLES) R1-1 R1-3P		54" X 18" 54" X 18" D3-1 (ANTELOPE) D3-1 (STAPLES) 36" X 36" 18" X 6"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007	395	STA 24+88 NB STAPLES ST	ROUTE ASSEMBLY		(24" X 12") M4-5 (24" X 12") M3-1 (24" X 24") M1-1 M6-3 (21" X 15")	X		10BWG	1	SA	U	EXAL	

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

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Engineer: Steven Ogburn
P.E. No. 115334
Date: 5/11/17

ADVANCED STATUS

NOT FOR CONSTRUCTION

US 181 HARBOR BRIDGE

PAVEMENT MARKING & SIGNING SUMMARY OF SMALL SIGNS

IH 37 - FRONTAGE ROADS

AZTEC 2000 Berling Drive, Suite 102 Houston, Texas 77057 281-772-2880

DP-002

Texas Department of Transportation

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	HP X597 (1)	STR-SOSS IH37 EWFR
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
		HIGHWAY NO.
		US181

SUMMARY OF SMALL SIGNS - FRONTAGE ROADS									
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ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

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NOTE:

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Date, 5/11/17


ADVANCED STATUS

NOT FOR
CONSTRUCTION

US 181 HARBOR BRIDGE


PAVEMENT MARKING & SIGNING
SUMMARY OF SMALL SIGNS

IH 37 - FRONTAGE ROADS




FLATIRON/DRAGADOS

FLATIRON/DRAGADOS LLC



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 Houston, Texas 77057
 946-172-2800

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6	HP X597 (1)	STR-SOSS IH37 EWFR
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
		HIGHWAY NO.
		US181

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Design Files: dwg\\stntec-sc-pw Documents\\01 Projects\\HBR\\Bui Id Work\\Design\\11-Traffic\\AZTEC\\11.01-Sheets\\Sign Summaries\\HBR-STR-SOSS-053.dgn

SUMMARY OF SMALL SIGNS - FRONTAGE ROADS													
PLAN SHEET NO.	SIGN NO.	STATION	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)					BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
								POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION		
											PREFABRICATED	1EXT or 2EXT = # of Ext BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	
													FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80
STR-EWFR 007	409	STA 99+75 WBFR (MARTIN LUTHER KING)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 007	410	STA 100+67 WBFR (MARTIN LUTHER KING)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 007	411	STA 101+81 WBFR (MARTIN LUTHER KING) 61' RT	R4-7		24" X 30"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007	412	STA 102+48 WBFR (MARTIN LUTHER KING)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 007	413	STA 102+45 WBFR (MARTIN LUTHER KING) 61' RT	R6-1R D3-1 (MLK) D3-1 (WACO) R1-2		54" X 18" D3-1 (MLK) D3-1 (WACO) 30" X 30" X 30"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007	414	STA 103+68, LT WBFR (MARTIN LUTHER KING)	R5-1A		36" x 24"	X		10BWG	1	SA	P	EXAL	
STR-EWFR 007	415	STA 103+68, RT WBFR (MARTIN LUTHER KING)	R5-1A		36" x 24"	X		10BWG	1	SA	P	EXAL	
STR-EWFR 007	932	STA 104+17 WBFR (MARTIN LUTHER KING)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 007	416	STA 105+40, LT WBFR (MARTIN LUTHER KING)	R5-1 D3-1 (STAPLES) D3-1 (MLK) R1-1 W4-4p		36" x 36" D3-1 (STAPLES) D3-1 (MLK) 36" x 36" 24" x 12"			10BWG	1	SA	T	EXAL	
STR-EWFR 007	417	STA 105+40, RT WBFR (MARTIN LUTHER KING)	R5-1 D3-1 (STAPLES) D3-1 (MLK) R1-1 W4-4p		36" x 36" D3-1 (STAPLES) D3-1 (MLK) 36" x 36" 24" x 12"			10BWG	1	SA	T	EXAL	
STR-EWFR 007	418	STA 106+30 WBFR (MARTIN LUTHER KING)	ROUTE ASSEMBLY		(24" X 12") M4-5 (24" x 12") M3-1 (24" X 24") M1-1 M6-1 RIGHT (21" X 15")	X		10BWG	1	SA	U	EXAL	
STR-EWFR 007	419	STA 106+78 WBFR (MARTIN LUTHER KING)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 007	420	STA 107+05 WBFR (MARTIN LUTHER KING)	ROUTE ASSEMBLY		(24" X 12") M4-5 (24" x 12") M3-1 (24" X 24") M1-1 M6-3 (21" X 15")	X		10BWG	1	SA	T	EXAL	

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
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 - For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD(GEN).

NO. BY DATE

PRELIMINARY

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Engineer: Steven Ogburn

P.E. No. 115334

Date: 5/11/17

ADVANCED STATUS

NOT FOR CONSTRUCTION

US 181 HARBOR BRIDGE

PAVEMENT MARKING & SIGNING SUMMARY OF SMALL SIGNS

IH 37 - FRONTAGE ROADS

FLATIRON/DRAGADOS LLC

AZTEC

2000 Berling Drive, Suite 102 Houston, Texas 77057 281-772-2880

Texas Department of Transportation

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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	HP X597 (1)	STR-SOSS IH37 EWFR
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095

HIGHWAY NO. US181

053

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SUMMARY OF SMALL SIGNS - FRONTAGE ROADS													
PLAN SHEET NO.	SIGN NO.	STATION	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)					BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
								POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION		
											PREFABRICATED	1EXT or 2EXT = # of Ext BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	
													FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80
STR-EWFR 007	421	STA 107+72 WBFR (MARTIN LUTHER KING)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 007	422	STA 109+61 WBFR (MARTIN LUTHER KING)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 007	423	STA 109+76 WBFR (MARTIN LUTHER KING)	D3-1 (MLK) D3-1 (ALAMEDA) R6-1R R1-1		D3-1 (MLK) D3-1 (ALAMEDA) 54" x 18" 36" x 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 008	933	STA 111+56 WBFR (MARTIN LUTHER KING)	E5-1		72" X 60"	X		S80	2	SA	T	EXAL	
STR-EWFR 008	424	STA 111+36 WBFR (MARTIN LUTHER KING)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 008	425	STA 113+15 WBFR (MARTIN LUTHER KING)	R6-1R		54" X 18"	X		10BWG	1	SA	P	BM	
STR-EWFR 008	426	STA 113+37 WBFR (MARTIN LUTHER KING)	D3-1 (MLK) D3-1 (SAM RANKIN) R6-1R R1-1		D3-1 (MLK) D3-1 (SAM RANKIN) 54" x 18" 36" x 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 008	427	STA 115+06 WBFR (MARTIN LUTHER KING)	R6-1R		54" X 18"	X		10BWG	1	SA	T	BM	
STR-EWFR 008	925	STA 115+36 WBFR (MARTIN LUTHER KING) RT	R5-1A W4-3R		36" x 24" 36" x 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 008	926	STA 115+33 WBFR (MARTIN LUTHER KING)	R5-1A		36" x 24"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 008	927	STA 119+39 WBFR (MARTIN LUTHER KING) LT	R2-1 (35) R5-1		24" X 30" 36" x 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 008	928	STA 119+38 WBFR (MARTIN LUTHER KING) RT	R2-1 (35) R5-1		24" X 30" 36" x 36"	X		10BWG	1	SA	T	EXAL	

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

The Standard Highway Sign Designs for Texas (SHSD) can be found at the following website.
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Engineer: Steven Ogburn

P.E. No. 115334

Date: 5/11/17

ADVANCED STATUS

NOT FOR CONSTRUCTION

US 181 HARBOR BRIDGE

PAVEMENT MARKING & SIGNING SUMMARY OF SMALL SIGNS

IH 37 - FRONTAGE ROADS

FLATIRON/Dragados LLC

AZTEC 2000 Berling Drive, Suite 102 Houston, Texas 77057 281-772-2880

DP-002

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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	HP X597(1)	STR-SOSS IH37 EWFR
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
		HIGHWAY NO.
		US181

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SUMMARY OF SMALL SIGNS - CROSS STREETS														
PLAN SHEET NO.	SIGN NO.	STATION	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)					BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)	
								POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION			
											PREFABRICATED	1EXT or 2EXT = # of Ext BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels		
FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80								1 or 2	UA=Universal Conc UB=Universal Bolt SA=Slipbase-Conc SB=Slipbase-Bolt WS=Wedge Steel WP=Wedge Plastic	P = "Plain" T = "T" U = "U"				
STR-XRBY 002	911	STA 43+25 NB BROADWAY	R1-1		30" X 30"	X		10BWG	1	SA	T	EXAL		
STR-137 001	941	STA 36+97 NB BROADWAY	R1-1		36" X 36"	X		10BWG	1	SA	T	EXAL		
			R3-5R		30" X 36"									
STR-XRBY 001	912	STA 31+99 NB BROADWAY	W11-8L		30" X 30"	X		10BWG	1	SA	T	EXAL		
STR-XRBY 001	913	STA 30+88 NB BROADWAY	D3-1 (BELDON)		D3-1 (BELDON)	X		10BWG	1	SA	T	EXAL		
			D3-1 (BROADWAY)		D3-1 (BROADWAY)									
STR-XRBY 001	914	STA 30+30 NB BROADWAY	R1-1		30" X 30"	X		10BWG	1	SA	T	EXAL		
			R1-3P		18" X 6"									
			D3-1 (BROADWAY)		D3-1 (BELDON)									30" X 30"
STR-XRBY 001	915	STA 27+30 NB BROADWAY	R1-1		30" X 30"	X		10BWG	1	SA	T	EXAL		
			R1-3P		18" X 6"									
			D3-1 (POWER)		D3-1 (BROADWAY)									30" X 30"
STR-XRBY 001	916	STA 21+43 WB POWER	R1-1		30" X 30"	X		10BWG	1	SA	T	EXAL		
			R1-3P		18" X 6"									
			D3-1 (BROADWAY)		D3-1 (POWER)									30" X 30"
STR-XRBY 001	917	STA 23+21 NB BROADWAY	R1-1		30" X 30"	X		10BWG	1	SA	T	EXAL		
			D3-1 (PALO ALTO)		D3-1 (BROADWAY)									30" X 30"
			D3-1 (BROADWAY)		D3-1 (PALO ALTO)									30" X 30"
STR-XRBY 001	919	STA 21+98 EB POWER	R1-1		30" X 30"	X		10BWG	1	SA	T	EXAL		
			R1-3P		18" X 6"									
			D3-1 (BROADWAY)		D3-1 (POWER)									30" X 30"
STR-XRBY 001	920	STA 28+00 SB BROADWAY	W11-8L		30" X 30"	X		10BWG	1	SA	T	EXAL		

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

The Standard Highway Sign Designs for Texas (SHSD) can be found at the following website.
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Engineer: Steven Ogburn

P.E. No. 115334

Date: 5/11/17

ADVANCED STATUS

NOT FOR CONSTRUCTION

US 181 HARBOR BRIDGE

PAVEMENT MARKING & SIGNING SUMMARY OF SMALL SIGNS

IH 37 - CROSS STREETS

FLATIRON/Dragados LLC

AZTEC 2000 Berling Drive, Suite 102 Houston, Texas 77057 281-772-2800

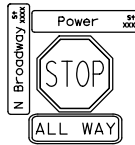





DP-002

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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	HP X597(1)	STR-SOSS IH37 XSTR
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
		HIGHWAY NO.
		US181

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SUMMARY OF SMALL SIGNS - CROSS STREETS													
PLAN SHEET NO.	SIGN NO.	STATION	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY <u>XXXXX</u> (X) <u>XX</u> (X-XXXX)					BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
								POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION		
											PREFABRICATED	1EXT or 2EXT = # of Ext BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	
													FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80
STR-XRBY 001	918	STA 26+62 SB BROADWAY	D3-1 (POWER) D3-1 (BROADWAY) R1-1 R1-3P		D3-1 (POWER) D3-1 (BROADWAY) 30" X 30" 18" X 6"	X		10BWG	1	SA	T	EXAL	
STR-XRBY 001	921	STA 30+28 SB BROADWAY	D3-1 (BELDON) D3-1 (BROADWAY) R1-1 R1-3P		D3-1 (BELDON) D3-1 (BROADWAY) 30" X 30" 18" X 6"	X		10BWG	1	SA	T	EXAL	
STR-XRBY 001	922	STA 30+33 SB BROADWAY 85' RT	R8-3 R7-201aP		12" X 12" 12" X 6"	X		10BWG	1	SA	P	EXAL	
STR-XRBY 001	923	STA 30+78, RT SB BROADWAY	D3-1 (BROADWAY) D3-1 (BELDON) R1-1 R1-3P		D3-1 (BROADWAY) D3-1 (BELDON) 30" X 30" 18" X 6"	X		10BWG	1	SA	T	EXAL	
STR-137 001	952	STA 35+62 SB BROADWAY	R1-1 R3-5R		36" X 36" 30" X 36"	X		10BWG	1	SA	T	EXAL	
STR-XRBY 002	924	STA 42+47 SB BROADWAY	R1-1		30" X 30"	X		10BWG	1	SA	T	EXAL	

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

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P.E. No. 115334

Date: 5/11/17


ADVANCED STATUS


NOT FOR CONSTRUCTION

US 181 HARBOR BRIDGE


PAVEMENT MARKING & SIGNING SUMMARY OF SMALL SIGNS

IH 37 - CROSS STREETS

FLATIRON/DRAGADOS LLC

AZTEC 2000 Berling Drive, Suite 102 Houston, Texas 77057 281-772-2880

DP-002

Texas Department of Transportation

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	HP X597(1)	STR-SOSS IH37 XSTR
STATE	STATE DIST. NO.	COUNTY
TEXAS	CRP	NUECES
CONT.	SECT	JOB
0101	06	095
		HIGHWAY NO.
		US181

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SUMMARY OF SMALL SIGNS - FRONTAGE ROADS													
PLAN SHEET NO.	SIGN NO.	STATION	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)					BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
								POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION		
											PREFABRICATED	1EXT or 2EXT = # of Ext BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	
													FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80
TY = TYPE	TY N	TY S											
STR-EWFR 008	936	STA 11+30 JOSEPHINE ST	ROUTE ASSEMBLY	(24" X 12") M4-5 (24" x 24") M1-1 (24" X 12") M3-3 (24" X 24") M1-6T (21" X 15") M6-1		X		10BWG	1	SA	T	EXAL	
STR-EWFR 008	929	STA 10+53 JOSEPHINE ST	D3-1 (ANTELOPE) D3-1 (JOSEPHINE) R6-1R R1-1		D3-1 (ANTELOPE) D3-1 (JOSEPHINE) 54" x 18" 36" x 36"	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007	930	STA 23+28 NB STAPLES ST	ROUTE ASSEMBLY	(24" X 12") M4-5 (24" x 12") M3-1 (24" X 24") M1-1 M6-1 LEFT (21" X 15")		X		10BWG	1	SA	U	EXAL	
STR-EWFR 007	931	STA 22+21 NB STAPLES ST	R6-1L R6-1R D3-1 (MLK) D3-1 (STAPLES)		54" X 18" 54' X 18" D3-1 (MLK) D3-1 (STAPLES)	X		10BWG	1	SA	T	EXAL	
STR-EWFR 007	932	STA 21+63 SB STAPLES ST	R6-1L R6-1R D3-1 (MLK) D3-1 (STAPLES)		54" X 18" 54' X 18" D3-1 (MLK) D3-1 (STAPLES)	X		10BWG	1	SA	T	EXAL	

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

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ADVANCED STATUS

NOT FOR CONSTRUCTION

US 181 HARBOR BRIDGE

PAVEMENT MARKING & SIGNING SUMMARY OF SMALL SIGNS

IH 37 - FRONTAGE ROADS

FLATIRON/DRAGADOS LLC

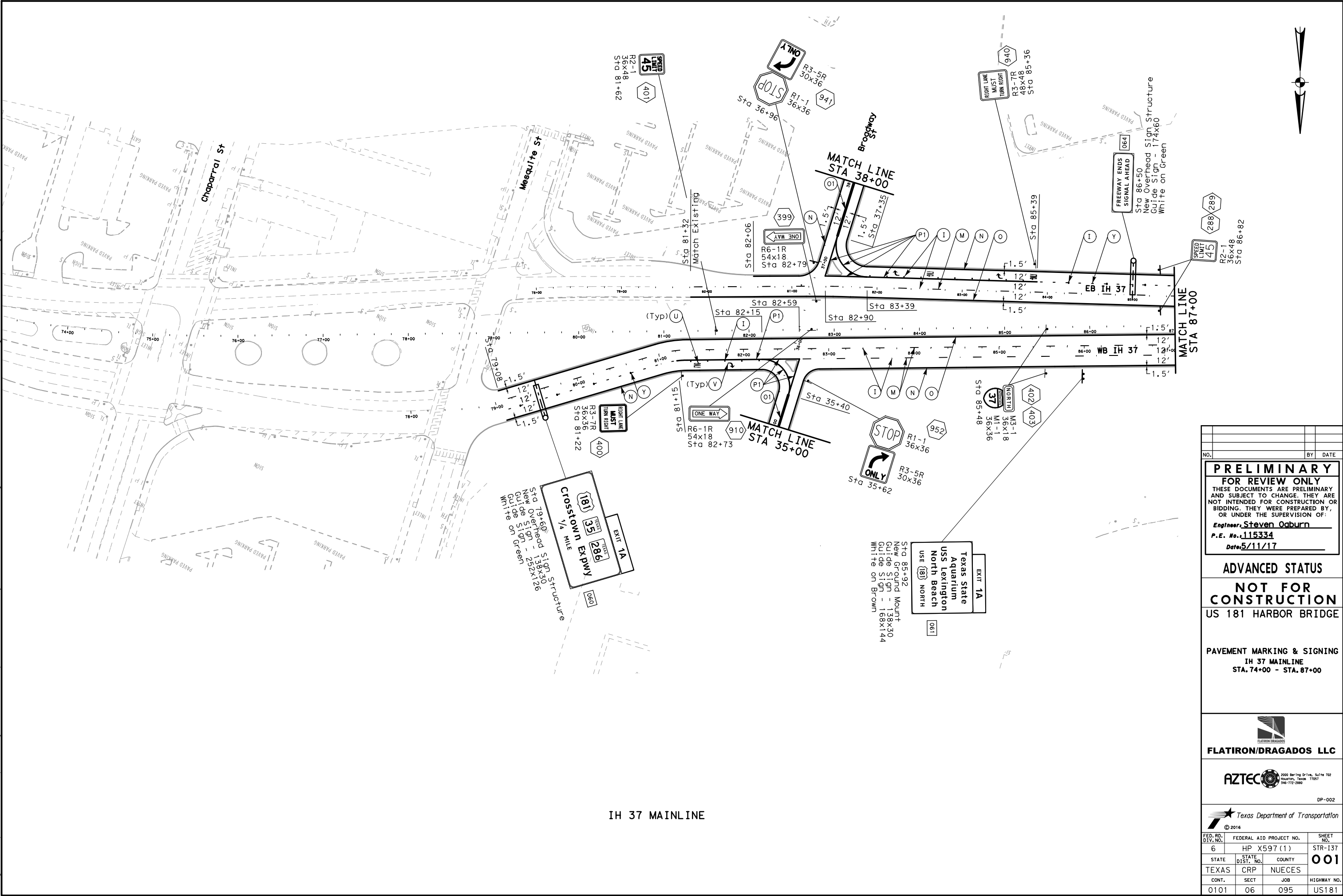
AZTEC 2000 Berling Drive, Suite 102 Houston, Texas 77057 281-772-2880

DP-002

Texas Department of Transportation

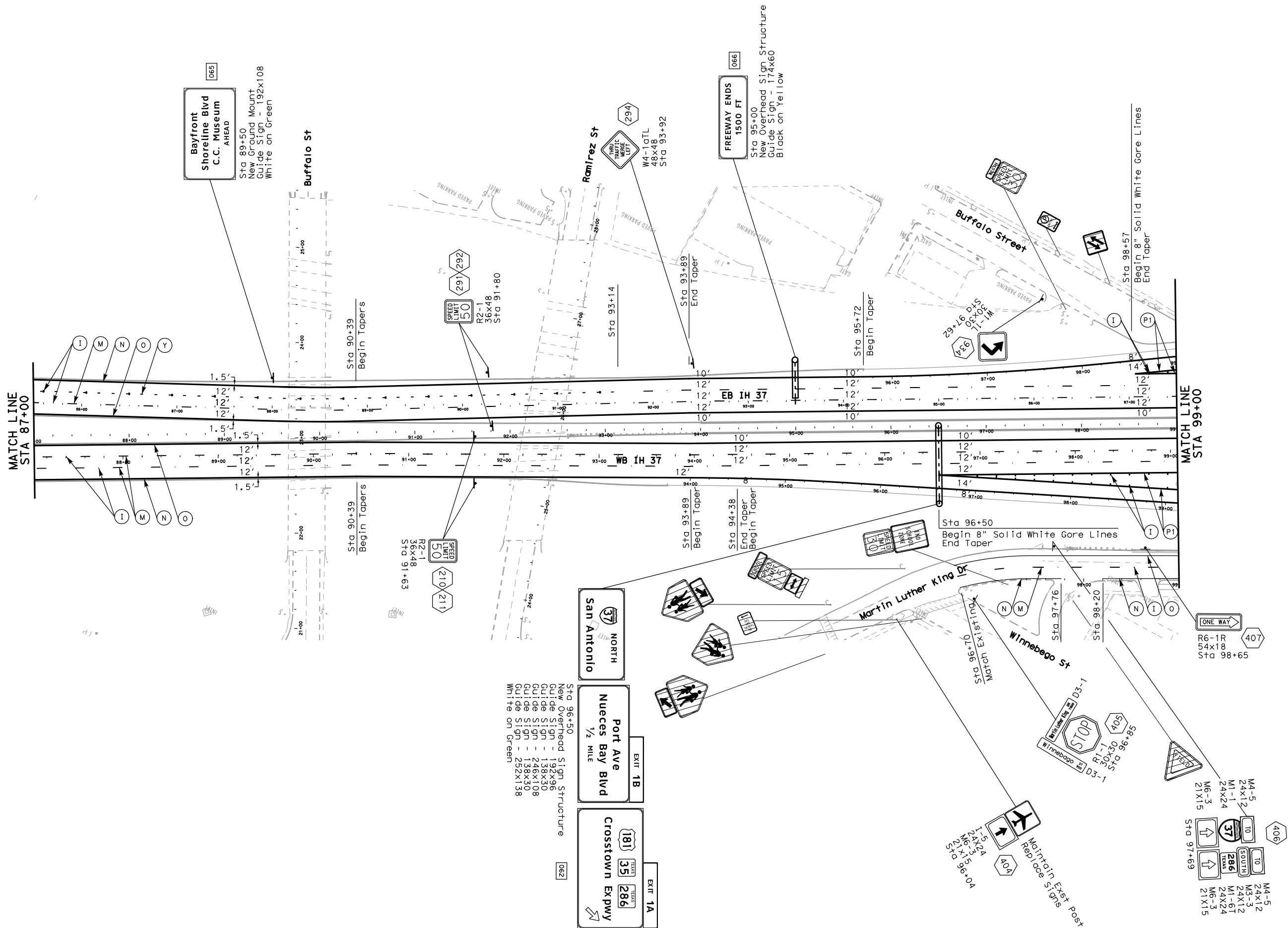
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IH 37 MAINLINE

NO.		BY		DATE	
PRELIMINARY FOR REVIEW ONLY THESE DOCUMENTS ARE PRELIMINARY AND SUBJECT TO CHANGE. THEY ARE NOT INTENDED FOR CONSTRUCTION OR BIDDING. THEY WERE PREPARED BY, OR UNDER THE SUPERVISION OF: Engineer: Steven Ogburn P.E. No. 115334 Date: 5/11/17					
ADVANCED STATUS					
NOT FOR CONSTRUCTION					
US 181 HARBOR BRIDGE					
PAVEMENT MARKING & SIGNING IH 37 MAINLINE STA. 74+00 - STA. 87+00					
 FLATIRON/Dragados LLC					
 AZTEC 2000 Berling Drive, Suite 102 Houston, Texas 77057 281-772-2880					
DP-002					
 Texas Department of Transportation					
FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		SHEET NO.	
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STATE		COUNTY		001	
TEXAS		NUECES			
CONT.		JOB		HIGHWAY NO.	
0101		095		US181	



IH 37 MAINLINE

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P.E. No.: **115334**

Date: **5/11/17**

ADVANCED STATUS

NOT FOR CONSTRUCTION

US 181 HARBOR BRIDGE

PAVEMENT MARKING & SIGNING

IH 37 MAINLINE

STA. 87+00 - STA. 99+00

FLATIRON/DRAGADOS LLC

AZTEC

Texas Department of Transportation

FED. RD. DIV. NO. 6

FEDERAL AID PROJECT NO. HP X597(1)

SHEET NO. STR-137

STATE TEXAS

STATE DIST. NO. CRP

COUNTY NUECES

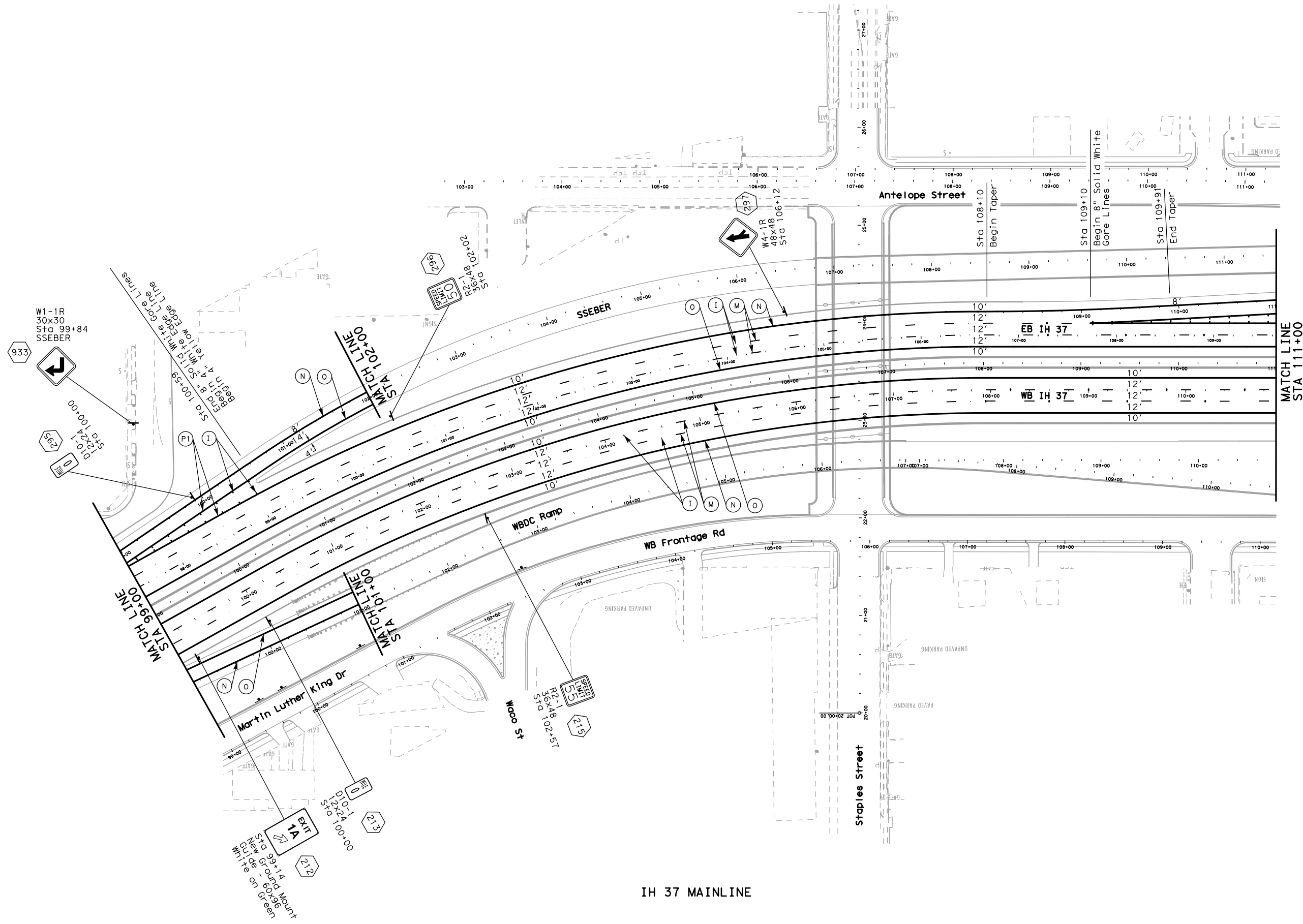
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JOB 095

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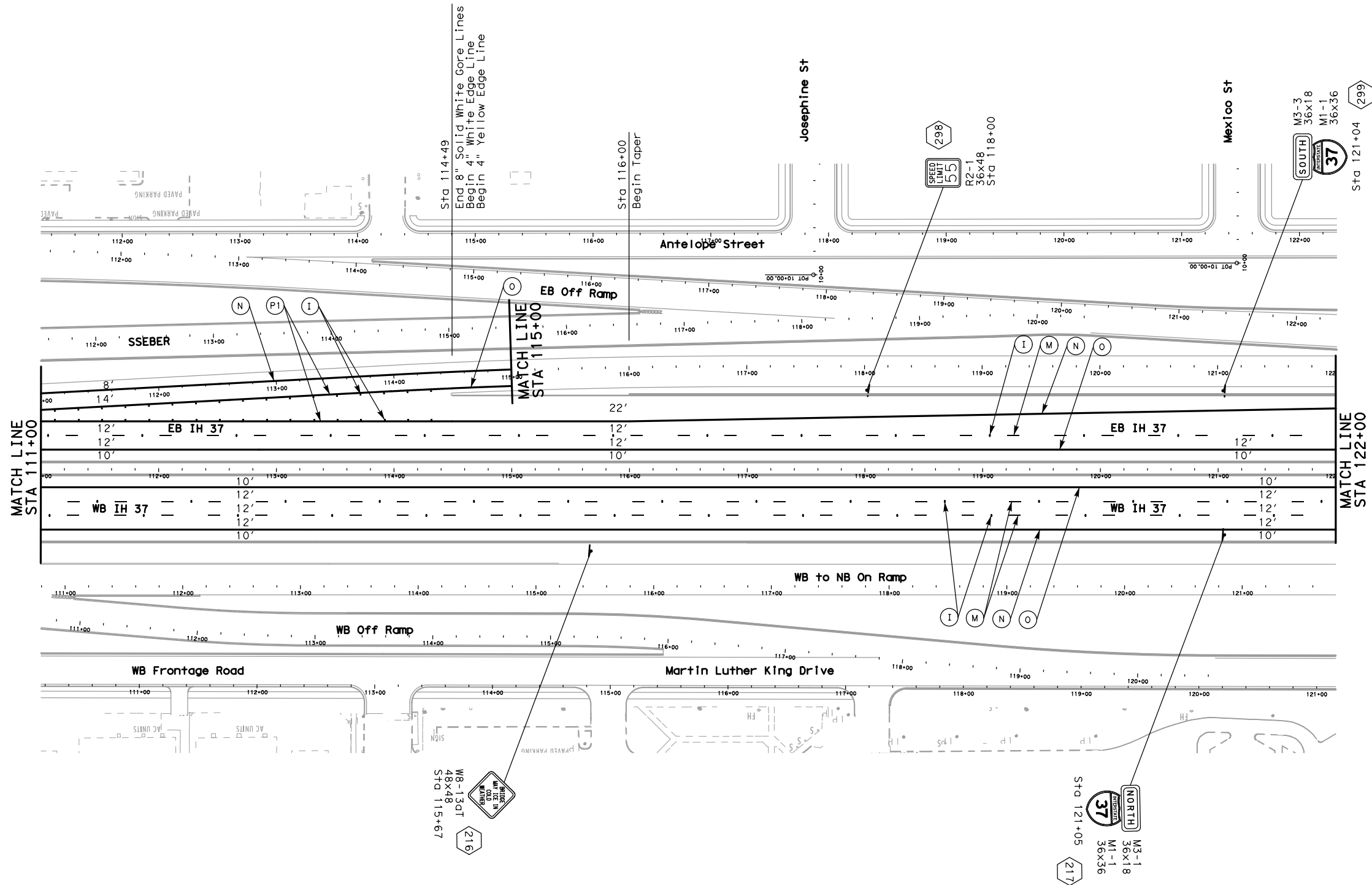


IH 37 MAINLINE



NO. _____ BY _____ DATE _____			
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ADVANCED STATUS			
NOT FOR CONSTRUCTION			
US 181 HARBOR BRIDGE			
PAVEMENT MARKING & SIGNING IH 37 MAINLINE STA. 99+00 - STA. 111+00			
 FLATIRON/Dragados LLC			
 AZTEC 2000 Berling Drive, Suite 102 Houston, Texas 77057 281-772-2880			
DP-002			
Texas Department of Transportation			
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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6	HP X597 (1)		STR-137
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TEXAS	CRP	NUECES	
CONT.	SECT	JOB	HIGHWAY NO.
0101	06	095	US181

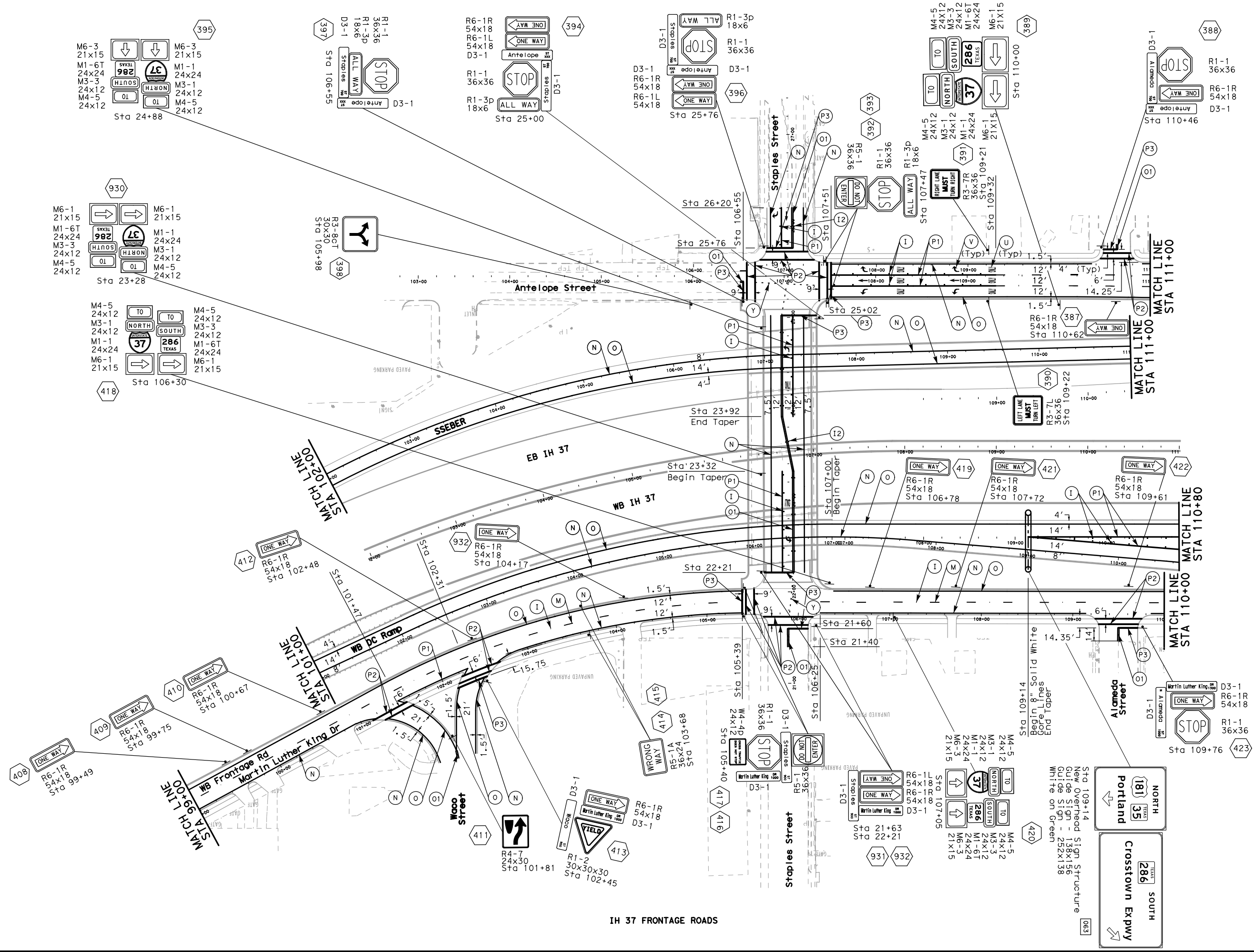
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IH 37 MAINLINE

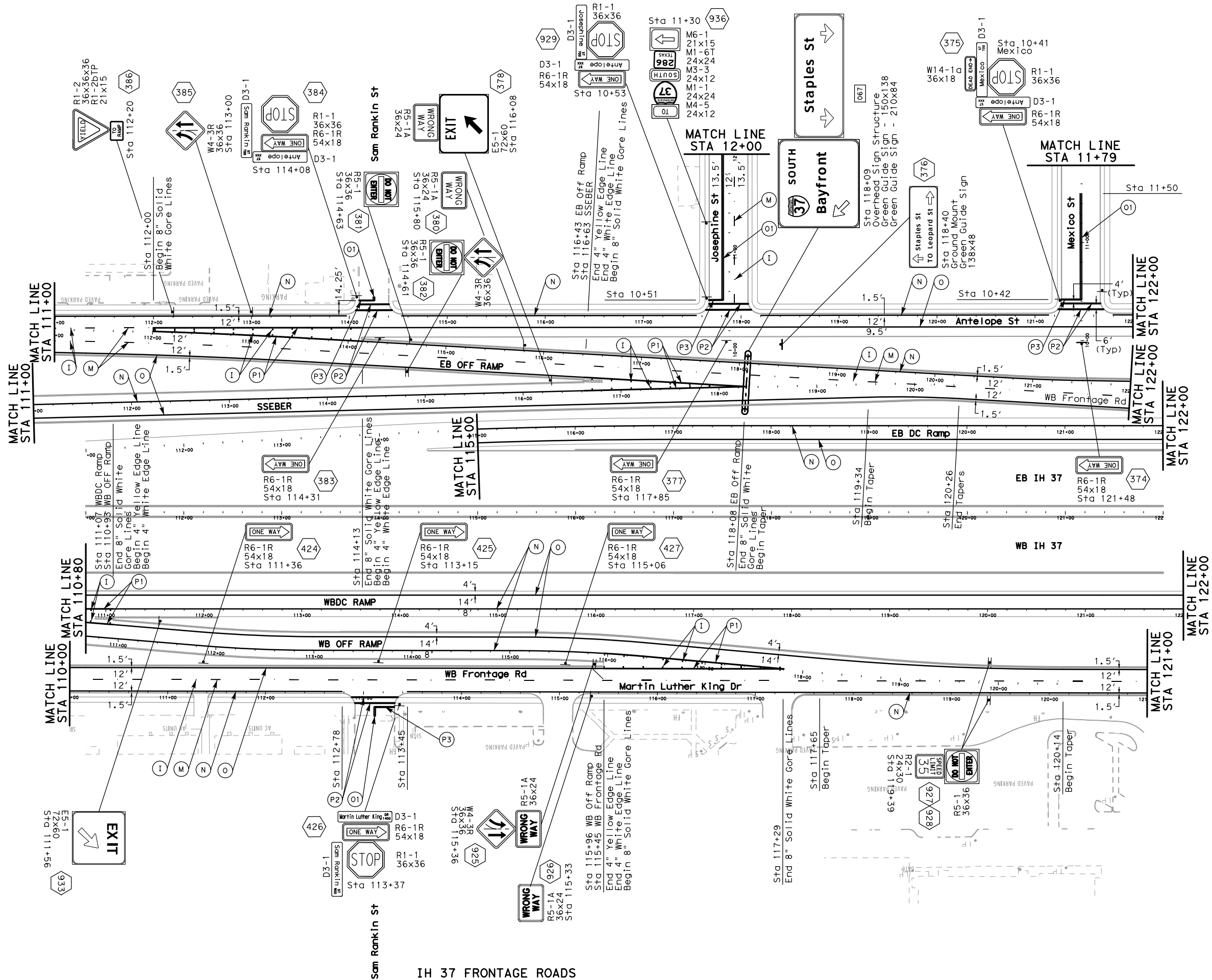
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US 181 HARBOR BRIDGE			
PAVEMENT MARKING & SIGNING IH 37 MAINLINE STA. 111+00 - STA. 122+00			
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CONT.	SECT	JOB	HIGHWAY NO.
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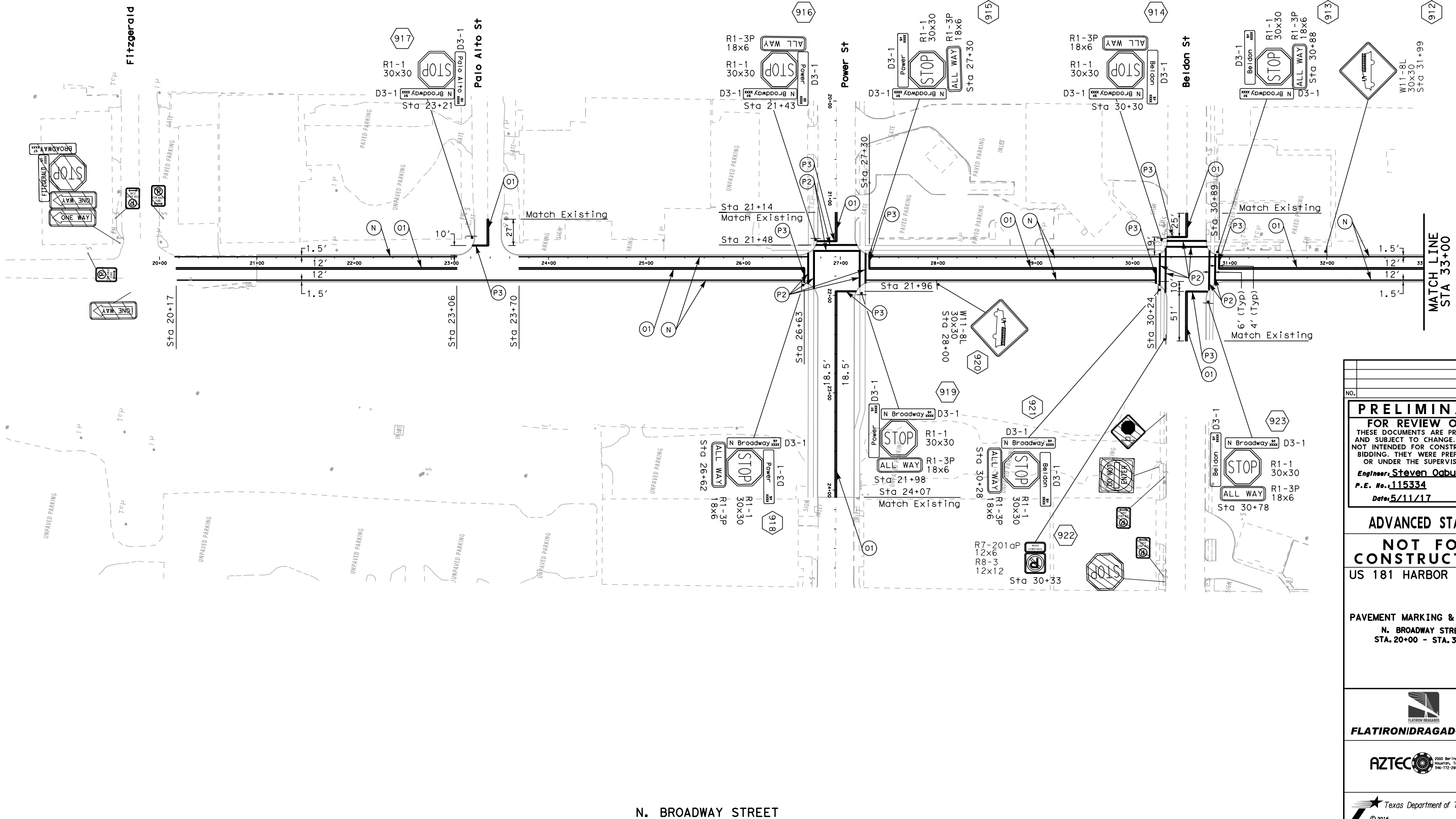
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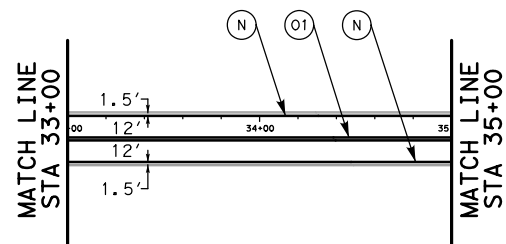
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ADVANCED STATUS			
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PAVEMENT MARKING & SIGNING IH 37 FRONTAGE ROADS EB STA. 111+00 - STA. 122+00 WB STA. 110+00 - STA. 122+00			
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FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.	
6	HP X597(1)	STR-EWFR	
STATE	STATE DIST. NO.	COUNTY	008
TEXAS	CRP	NUECES	
CONT.	SECT	JOB	HIGHWAY NO.
0101	06	095	US181

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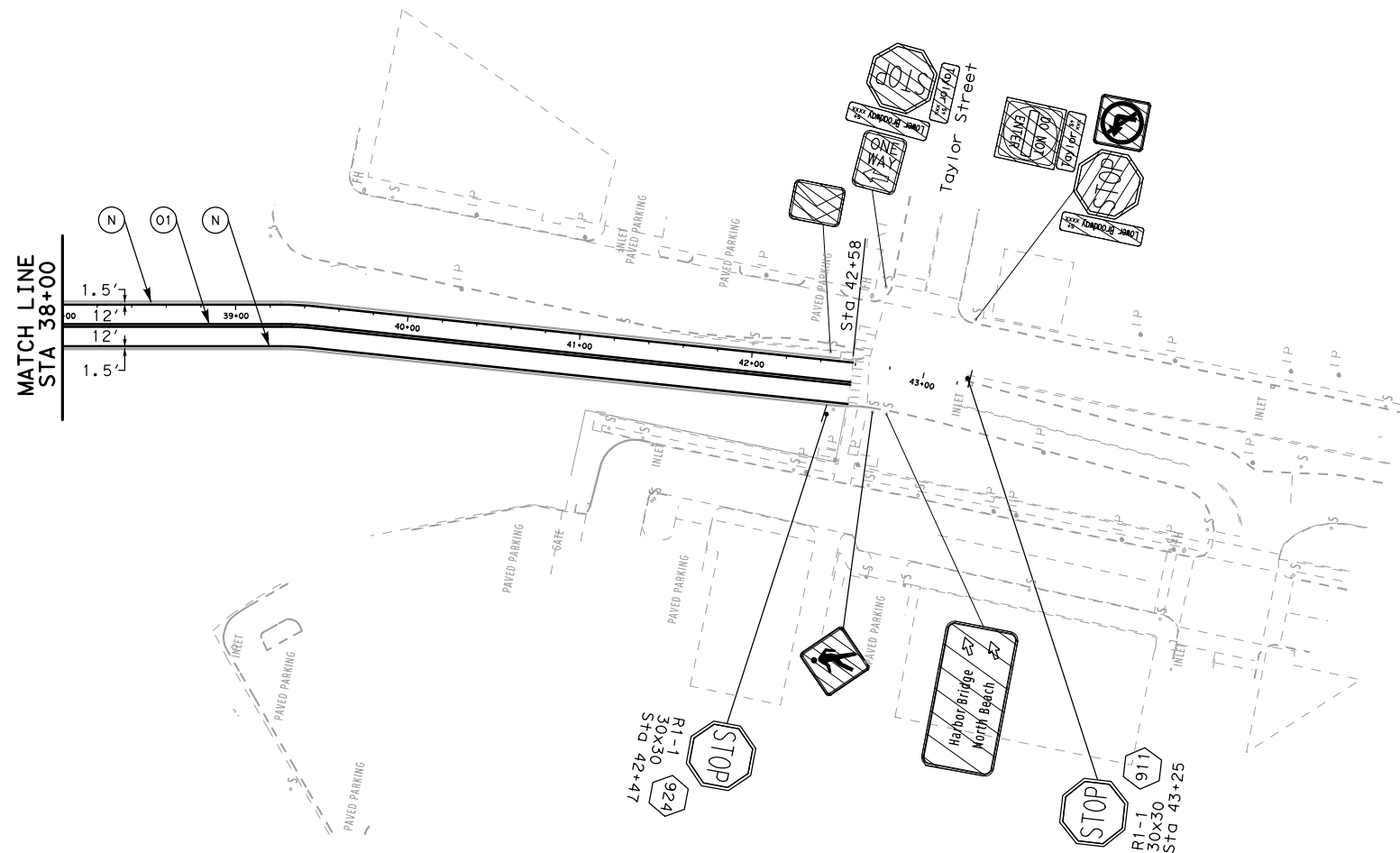


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PAVEMENT MARKING & SIGNING N. BROADWAY STREET STA. 20+00 - STA. 33+00					
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Engineer, Steven Ogburn

P.E. No., 115334

Date, 5/11/17

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US 181 HARBOR BRIDGE


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CONT.	SECT	JOB
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