

DESIGN DATA

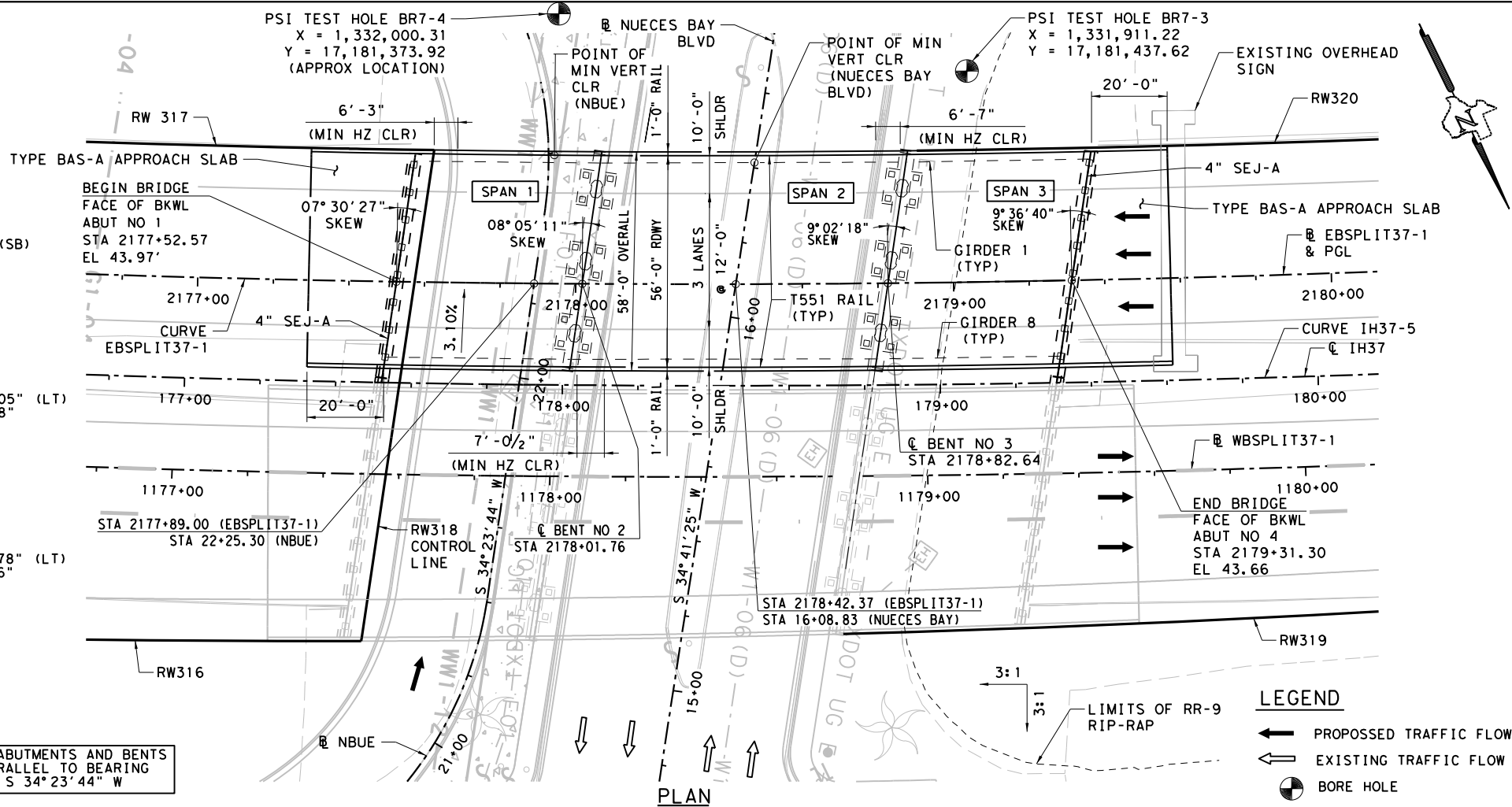
EX NBI NO 16-178-0074-06-071 (SB)
NBI NO XX-XX-XXXXXX-XXX
FUNC CLASS: MAINLINES

DESIGN SPEED: 55 MPH
ADT: BRIDGE 9B
(2023) = 27410
(2035) = 32150

CURVE IH37-5
P.I. STATION 185+81.56
DELTA 31°55'03.05" (LT)
DEGREE 1°10'52.88"
TANGENT 1,386.94
LENGTH 2,701.77
RADIUS 4,850.00
P.C. STATION 171+94.62
P.T. STATION 198+96.38

CURVE EBSPLIT37-1
P.I. STATION 2180+33.22
DELTA 19°51'06.78" (LT)
DEGREE 1°10'37.16"
TANGENT 851.87
LENGTH 1,686.67
RADIUS 4,868.00
P.C. STATION 2171+81.34
P.T. STATION 2188+68.01

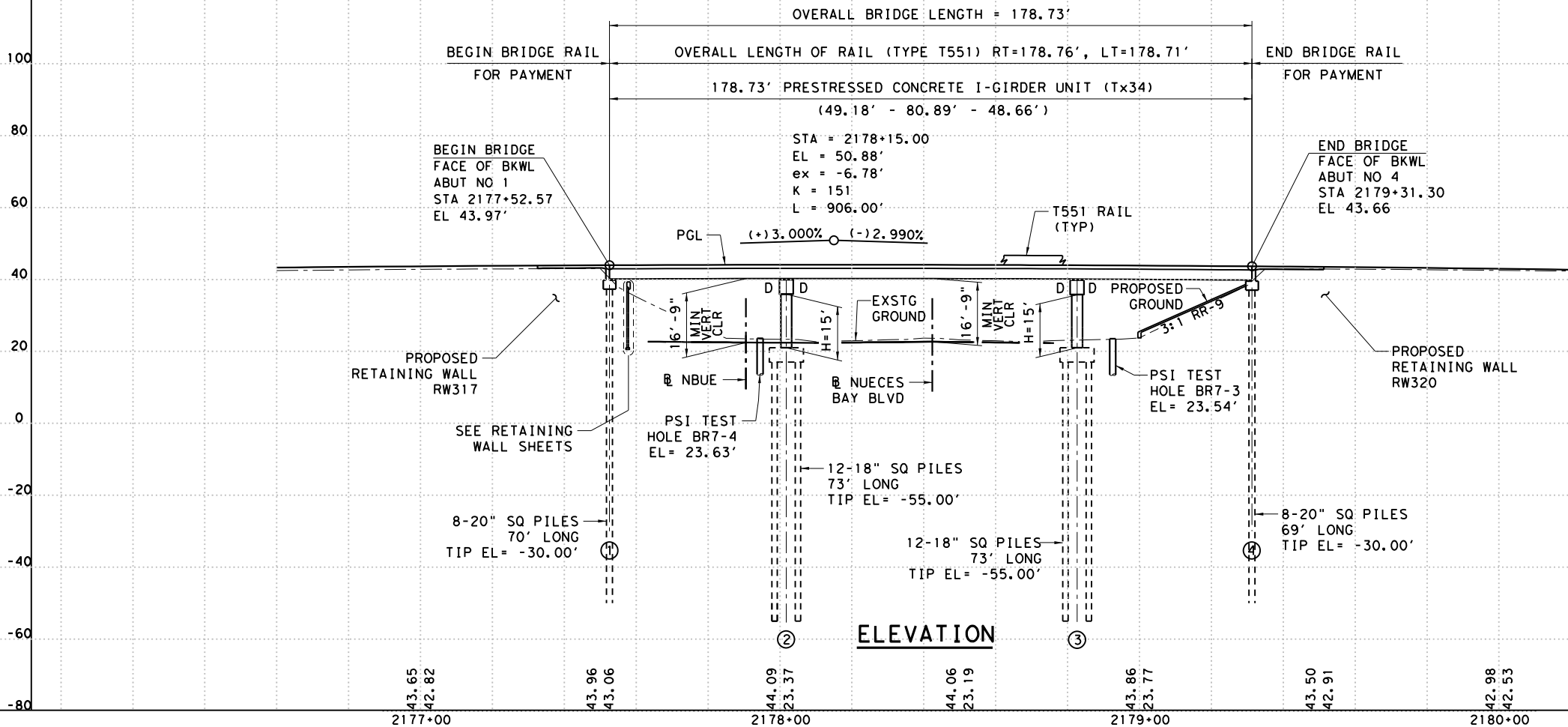
ALL ABUTMENTS AND BENTS
PARALLEL TO BEARING
S 34°23'44" W



NOTES:

- FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEETS.
- ROADWAY HORIZONTAL AND VERTICAL GEOMETRY, WIDTH, SUPERELEVATION, TRAFFIC DIRECTION, EXISTING GROUND LINE, PROPOSED GROUND LINE, AND RIGHT OF WAY DATA PROVIDED BY STANTEC. TOPO DATA PROVIDED BY CIVIL CORP. UTILITY DATA PROVIDED BY KCI.
- ALL DIMENSIONS ARE EITHER HORIZONTAL OR VERTICAL AND MUST BE CORRECTED FOR GRADE, CROWN AND/OR SUPERELEVATION.
- ALL SUPERELEVATION TRANSITIONS ARE LINEAR.
- VERTICAL CLEARANCES ARE CALCULATED FOR THE MOST CRITICAL CONDITION BASED UPON THE ULTIMATE CONDITIONS.
- FOR CONCRETE GIRDER SPANS, "D" DENOTES BENTS WITH DOWEL BARS AND SLOTTED HOLES AT ENDS OF EXTERIOR GIRDER ONLY.
- PILE TIP ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE GEOTECHNICAL ENGINEER OF RECORD OR AN AUTHORIZED REPRESENTATIVE BASED UPON ACTUAL SOIL CONDITIONS ENCOUNTERED AT EACH PILE LOCATION.
- CONTRACTOR TO FIELD VERIFY LOCATIONS OF EXISTING STRUCTURES AND UTILITIES PRIOR TO CONSTRUCTION.
- SEE "TYPICAL SECTION" SHEET FOR TYPICAL SECTION.
- SEE "BORING LOG DATA" SHEET FOR BORING LOG INFORMATION.
- SEE "FOUNDATION LAYOUT" SHEET FOR DRAINAGE AND UTILITY INFORMATION.
- SOIL EXPLORATION DATA AND PILE TIP ELEVATION PROVIDED BY PSI.
- BRIDGE NOT DESIGNED FOR OVERLAY LOAD.
- SEE "ROADWAY ILLUMINATION" SHEETS FOR UNDERPASS LIGHT FIXTURE DETAILS.
- EXISTING STRUCTURE NOT SHOWN. SEE "FOUNDATION LAYOUT" SHEET.
- SEE SIGNAGE SHEETS FOR SIGN LOCATIONS AND BRIDGE MOUNT DETAILS.

HL-93 LOADING

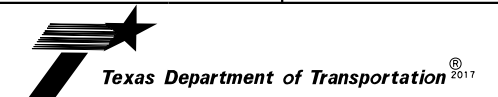
FIGG BRIDGE ENGINEERS, INC.
PRELIMINARY FOR INTERIM REVIEW ONLY

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INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING
OR CONSTRUCTION PURPOSES. THEY WERE PREPARED
BY OR UNDER THE SUPERVISION OF:

CESAR FERNANDES 98112 07/24/2017
TBPE FIRM #F-4883 P.E. NO. DATE

NO.	DATE	REVISION	APPROVED

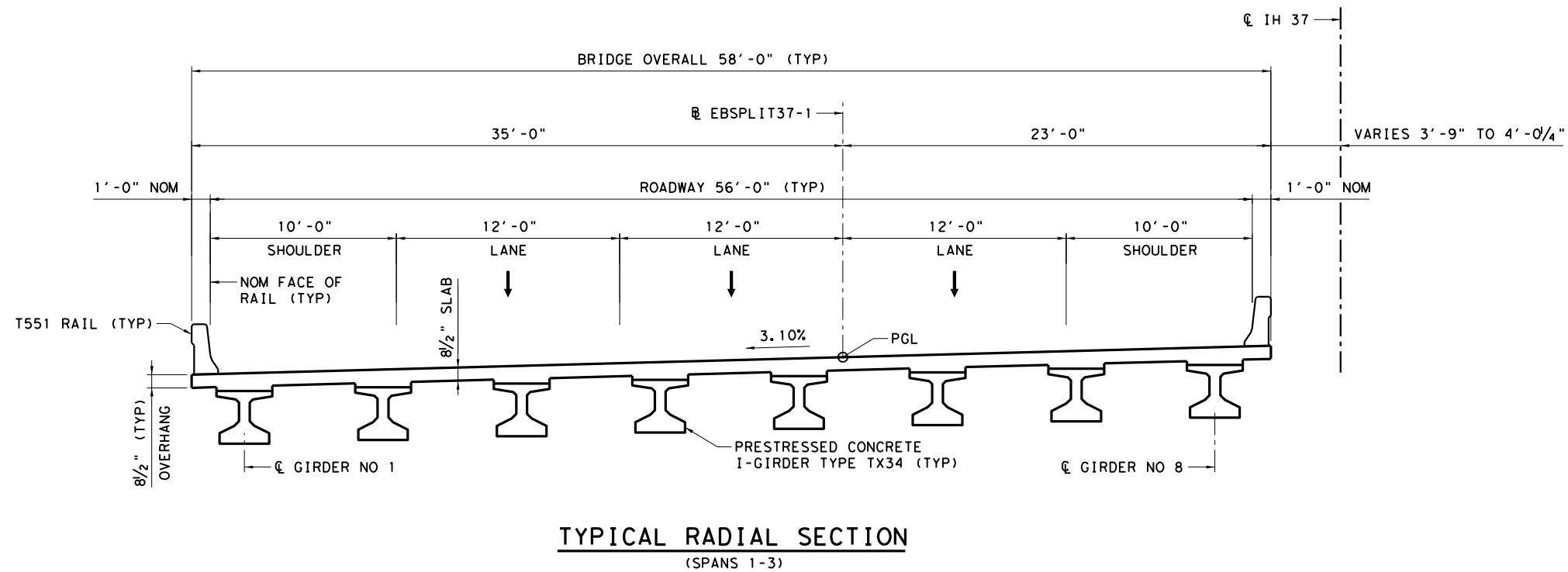
FLATIRON/DRAGADOS LLC	FIGG TBPE, FIRM # F-4883
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US 181 HARBOR BRIDGE
BRIDGE LAYOUT
IH 37 SBML OVERPASS
AT NUECES BAY BLVD
BRIDGE 9B

DESIGN	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	HIGHWAY NO.
DMS	X	(See Title Sheet)	IH 37
GRAPHICS	STATE	DISTRICT	COUNTY
SGF	TEXAS	CRP	NUECES
CHECK	CONTROL	SECTION	JOB
DAK	0101	06	095
CHECK	CF		

FILE: c:\pwworking\stontec\dms76182\09BHBRTS1.dgn
DATE: 7/21/2017 TIME: 3:41:35 PM USER: dkucz






- NOTES:
1. FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEETS.
 2. DIMENSIONS MEASURED RADIALLY TO @ EBSPLIT37-1 AT THE INTERSECTION OF THE CL SUBSTRUCTURE COMPONENTS AND THE EBSPLIT37-1 ALIGNMENT.

LEGEND

← PROPOSED TRAFFIC FLOW

HL-93 LOADING

NO.	DATE	REVISION	APPROVED
 FLATIRON/DRAGADOS LLC		 FIGG TBPE, FIRM # F-4883	
 Texas Department of Transportation® 2017			
US 181 HARBOR BRIDGE TYPICAL SECTION IH 37 SBML OVERPASS AT NUECES BAY BLVD BRIDGE 9B			
SCALE: 1/8" = 1' - 0"		SHEET 1 OF 1	
DESIGN DMS	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	HIGHWAY NO.
GRAPHICS SGF	X	(See Title Sheet)	IH 37
CHECK DAK	STATE	DISTRICT	COUNTY
CHECK CF	TEXAS	CRP	NUECES
	CONTROL	SECTION	JOB
	0101	06	095
			RB9B 002

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CESAR FERNANDES 98112 07/24/2017
TBPE FIRM #F-4883 P.E. NO. DATE

PRELIMINARY NOT FOR CONSTRUCTION, JULY 2017