

INDEX OF SHEETS

SHEET NO DESCRIPTION

BRIDGE 07 (RB07)

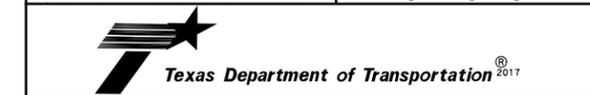
(IH 37 ML OVERPASS AT PORT AVENUE)

001-003	BRIDGE LAYOUT
004-005	TYPICAL SECTION
006-008	FOUNDATION LAYOUT
009-014	BORING LOG DATA
015	BEARING SEAT ELEVATION
016	FOUNDATION DETAILS
017-020	ABUTMENT NO 1 DETAILS
021-025	ABUTMENT NO 6 DETAILS
026-028	INTERIOR BENTS NO 2-4 DETAILS
029-032	INTERIOR BENTS NO 5 DETAILS
033-036	INTERIOR BENTS NO 2-5 DETAILS
037-038	GIRDER LAYOUT (SPANS 1-2)
039-040	GIRDER LAYOUT (SPANS 3-5)
041	274.00' PRESTRESSED CONCRETE I-GIRDER UNIT (SPANS 1-2)
042	280.00' PRESTRESSED CONCRETE I-GIRDER UNIT (SPANS 3-4)
043	53.00' PRESTRESSED CONCRETE I-GIRDER UNIT (SPAN 5)
044	SLAB DETAILS (SPAN 1)
045	SLAB DETAILS (SPANS 2-4)
046	SLAB DETAILS (SPAN 5)
047	PRESTRESSED CONCRETE I-GIRDER DESIGNS (NON STANDARD SPANS)

HL-93 LOADING

NO.	DATE	REVISION	APPROVED
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 FLATIRON/DRAGADOS LLC	 Engineered by Stantec Consulting Services Inc. Texas Registered Engineering Firm F-6324
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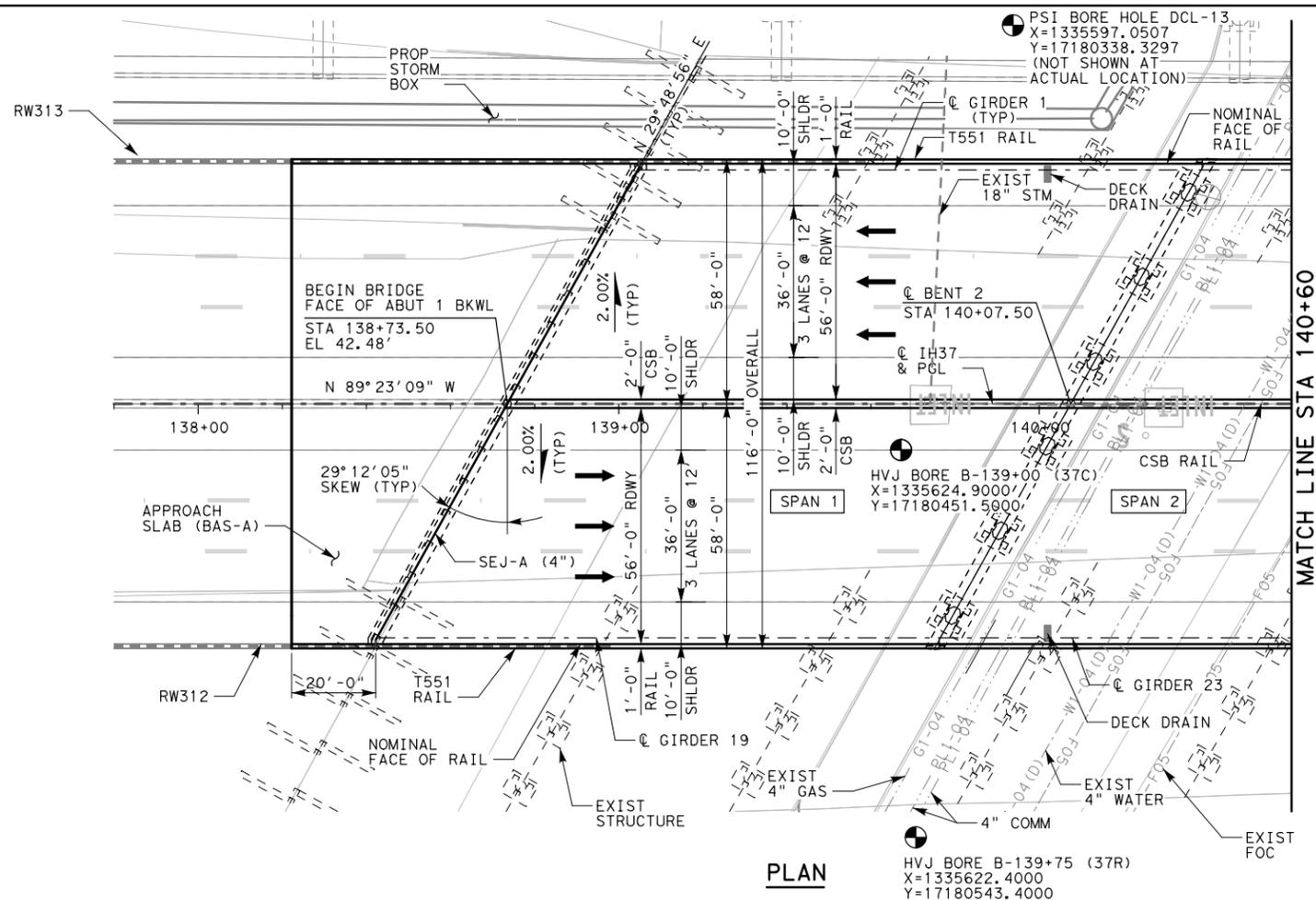


US 181 HARBOR BRIDGE
INDEX OF SHEETS
 IH 37 ML OVERPASS
 AT PORT AVENUE
 BRIDGE 7

SCALE: SHEET 1 OF 1

DESIGN	FED. RD. DIV. NO.:	FEDERAL AID PROJECT NO.	HIGHWAY NO.
GRAPHICS	6	HPX597 (1)	IH 37
CHECK	STATE	DISTRICT	COUNTY
CHECK	TEXAS	CRP	NUECES
CHECK	CONTROL	SECTION	JOB
	0101	06	095
			001

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 NICK N NIKPOUR 122413 04/07/2017
TBPE FIRM #F-6324 P.E. NO. DATE



- NOTES:**
- FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEETS.
 - 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 AND INTERIM SECTIONS.
 - "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" SHEETS FOR TYPICAL SECTIONS.
 - SEE "BORING LOG DATA" SHEETS FOR BORING LOG INFORMATION.
 - SEE "FOUNDATION LAYOUT" SHEETS FOR DRAINAGE AND UTILITY INFORMATION.
 - REFER TO PROJECT AESTHETIC GUIDELINES FOR AESTHETIC DETAILS.
 - SOIL EXPLORATION DATA PROVIDED BY PSI.
 - FOR HVJ BORING DATA SEE "HVJ GEOTECHNICAL DATA REPORT" DATED 9/29/2014.
 - REMOVE ALL EXISTING SUPERSTRUCTURE ELEMENTS AND ALL SUBSTRUCTURE ELEMENTS TO A MINIMUM OF TWO FEET BELOW FINAL GRADE ELEVATION

DESIGN DATA

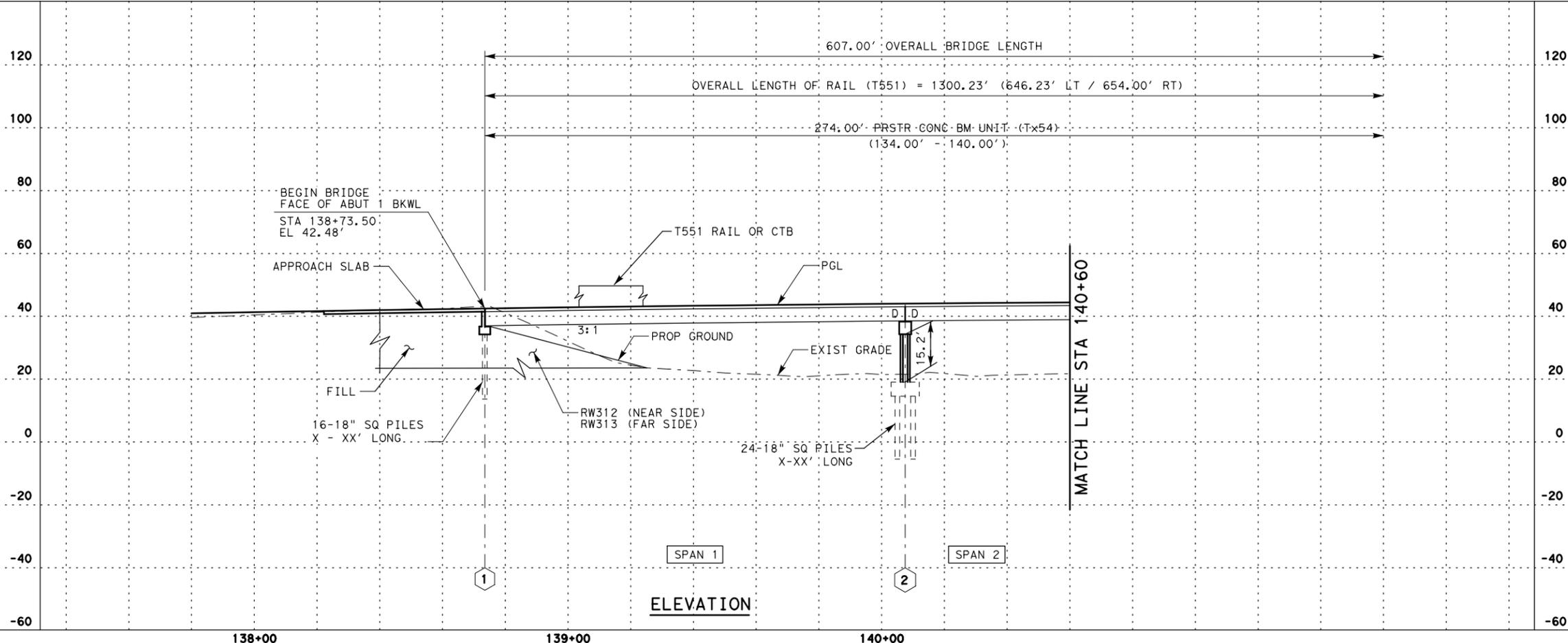
NBI NO XX-XXX-XXXXXX-XXX
 FUNC CLASS:
 DESIGN SPEED:
 ADT: BRIDGE 7
 (2015) =
 (2035) =

LEGEND

← PROPOSED TRAFFIC FLOW ● BORE HOLE

PLAN

FILE: c:\pwworking\stntec\dms98103\07\HBR*BL S*01.dgn
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ELEVATION

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NO.	DATE	REVISION	APPROVED

FLATIRON DRAGADOS LLC **Stantec**
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 Texas Registered Engineering Firm F-6324

Texas Department of Transportation

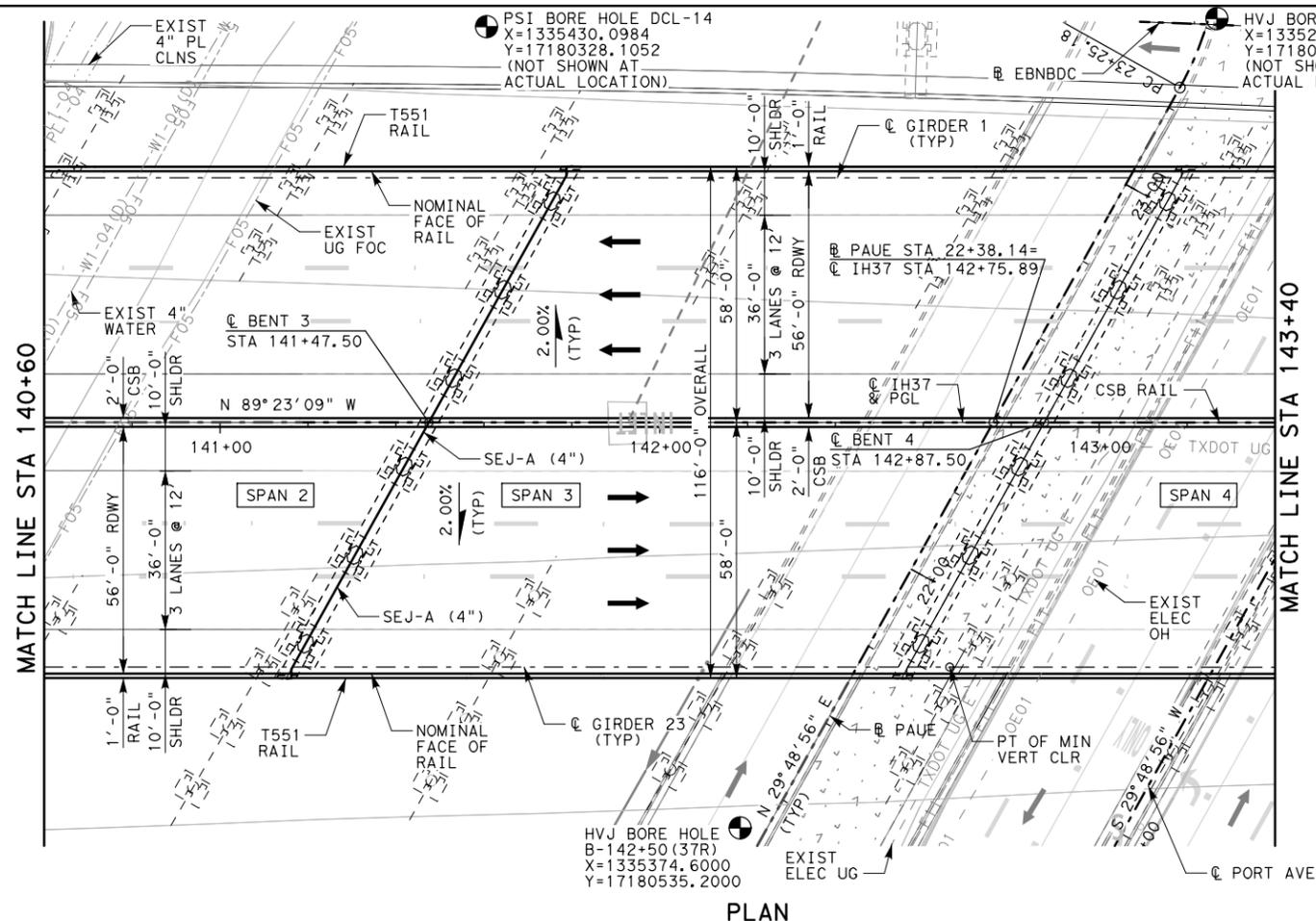
**US 181 HARBOR BRIDGE
 BRIDGE LAYOUT**

**IH 37 ML OVERPASS
 AT PORT AVENUE
 BRIDGE 7**

SCALE: 1" = 40' - 0" SHEET 1 OF 3

DESIGN	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	HIGHWAY NO.
GRAPHICS	6	HPX597 (1)	IH 37
CHECK	TEXAS	CRP	NUECES
CHECK	CONTROL	SECTION	JOB
	0101	06	095

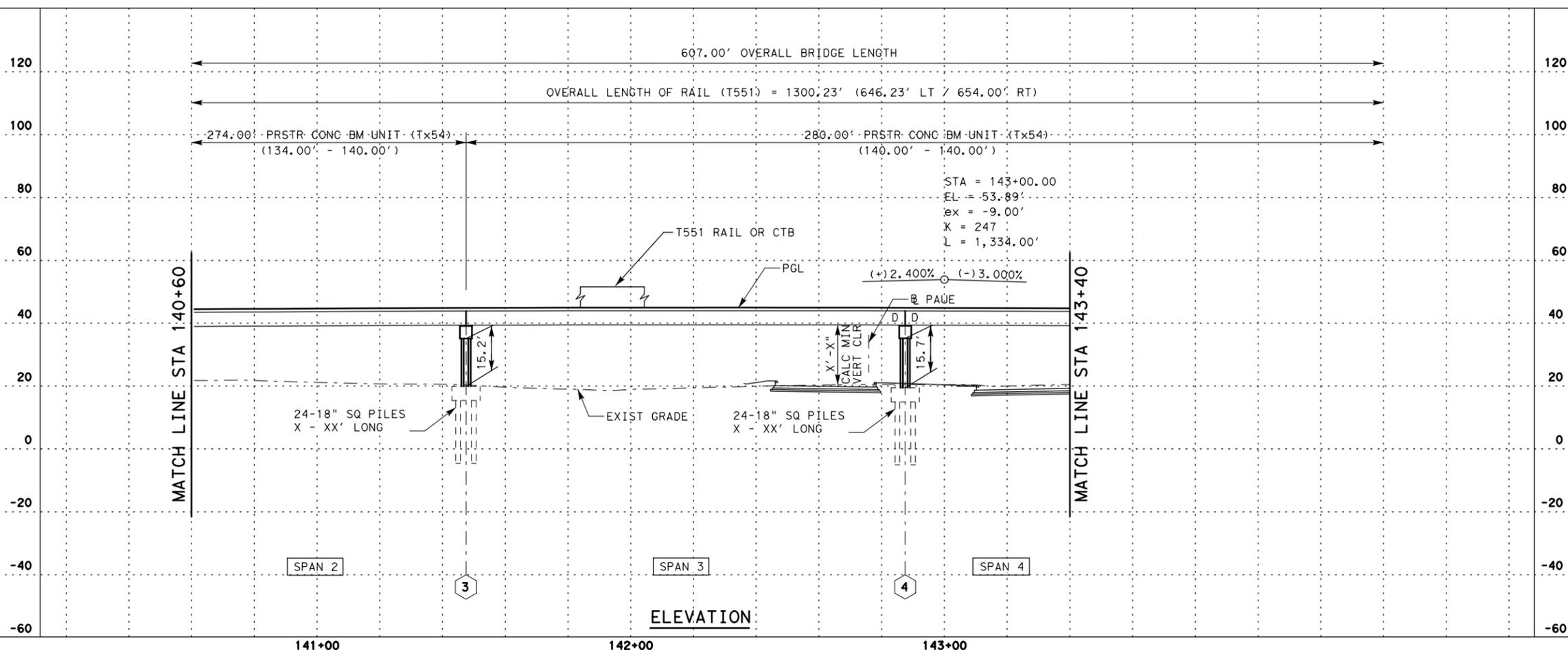
RB07
001



NOTES:
 1. SEE BRIDGE LAYOUT SHEET 1 OF 3 FOR ADDITIONAL NOTES.

LEGEND
 PROPOSED TRAFFIC FLOW
 BORE HOLE

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HL-93 LOADING			
NO.	DATE	REVISION	APPROVED

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 Texas Registered Engineering Firm F-6324



**US 181 HARBOR BRIDGE
 BRIDGE LAYOUT**

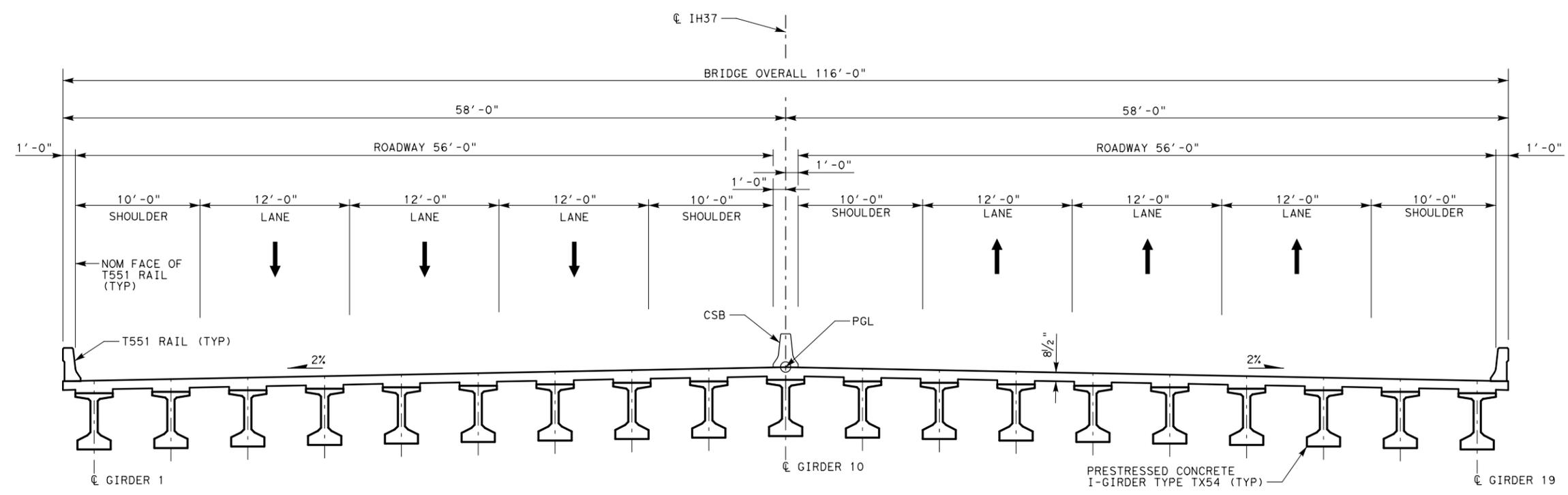
**IH 37 ML OVERPASS
 AT PORT AVENUE
 BRIDGE 7**

SCALE: 1" = 40' - 0" SHEET 2 OF 3

DESIGN	FED. RD. DIV. NO. 6	FEDERAL AID PROJECT NO. HPX597 (1)		HIGHWAY NO. IH 37
GRAPHICS	STATE TEXAS	DISTRICT CRP	COUNTY NUECES	SHEET NO. RB07
CHECK	CONTROL 0101	SECTION 06	JOB 095	002

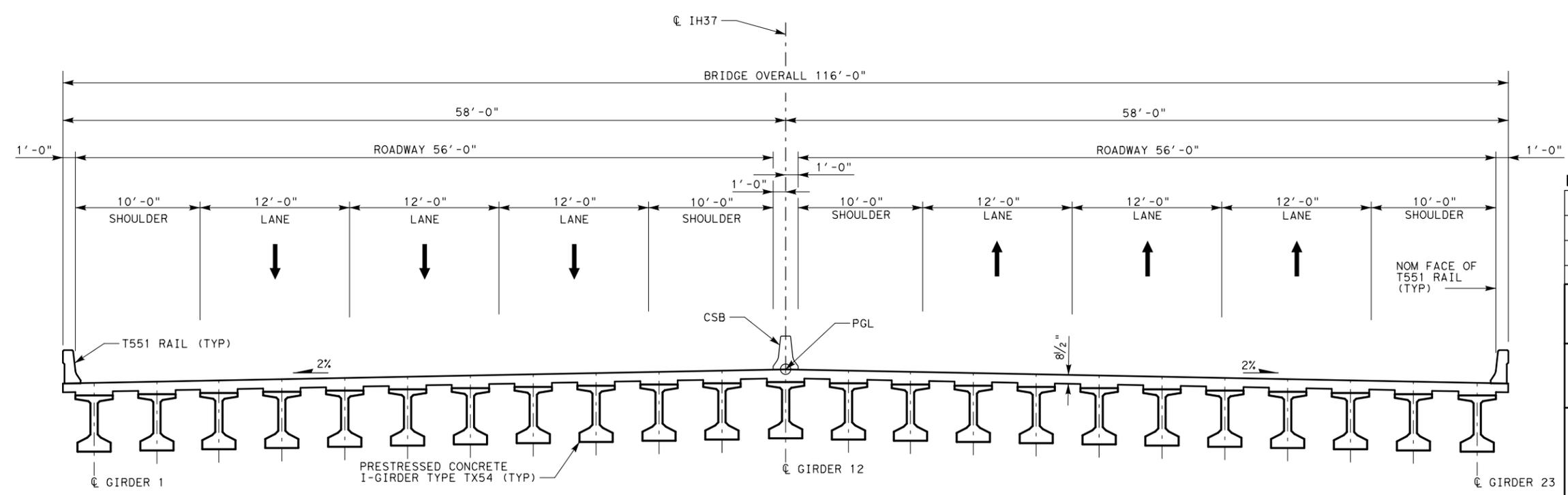
PRELIMINARY NOT FOR CONSTRUCTION, APRIL 2017

- NOTES:**
- FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEETS.
 - SEE TYPE T551 & CSB STANDARD FOR BRIDGE RAIL DETAIL.



TYPICAL TRANSVERSE SECTION
SPAN 1

LEGEND
← PROPOSED TRAFFIC FLOW



TYPICAL TRANSVERSE SECTION
SPANS 2, 3 & 4

HL-93 LOADING

NO.	DATE	REVISION	APPROVED

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Texas Registered Engineering Firm F-6324



US 181 HARBOR BRIDGE
TYPICAL SECTION
IH 37 ML OVERPASS
AT PORT AVENUE
BRIDGE 7

SCALE: 1" = 10'-0" SHEET 1 OF 2

DESIGN	FED. RD. DIV. NO. 6	FEDERAL AID PROJECT NO. HPX597 (1)	HIGHWAY NO. IH 37
GRAPHICS	STATE	DISTRICT	COUNTY
CHECK	TEXAS	CRP	NUECES
CHECK	CONTROL	SECTION	JOB
	0101	06	095

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