

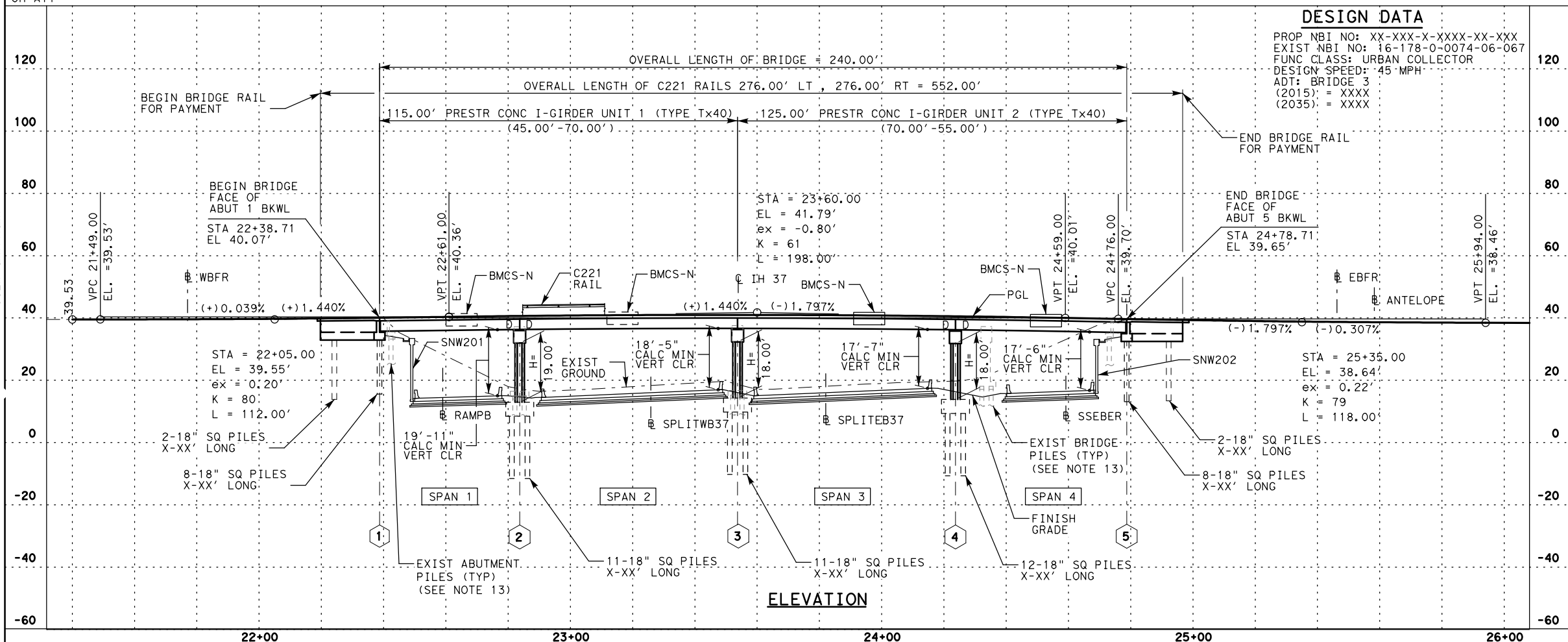
PLAN

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.
- 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" SHEET FOR TYPICAL SECTIONS.
- SEE "BORING LOG DATA" SHEETS FOR BORING LOG INFORMATION.
- SEE "FOUNDATION LAYOUT" SHEETS FOR DRAINAGE AND UTILITY INFORMATION.
- SOIL EXPLORATION DATA PROVIDED BY PSI.
- FOR HVJ BORING DATA SEE "HVJ GEOTECHNICAL DATA REPORT" DATED 09/29/2014.
- REMOVE ALL EXISTING SUPERSTRUCTURE ELEMENTS AND ALL SUBSTRUCTURE ELEMENTS TO A MINIMUM OF TWO FEET BELOW FINAL GRADE ELEVATIONS.
- SEE ROADWAY ILLUMINATION SHEETS FOR UNDERPASS LIGHT FIXTURE DETAILS.

LEGEND

- PROPOSED TRAFFIC FLOW (arrow pointing right)
EXISTING TRAFFIC FLOW (arrow pointing left)
LIGHT FIXTURE (circle with cross)
BORE HOLE (circle with dot)



ELEVATION

DESIGN DATA

PROP NBI NO: XX-XXX-X-XXXX-XX-XXX
EXIST NBI NO: 16-178-0-0074-06-067
FUNC CLASS: URBAN COLLECTOR
DESIGN SPEED: 45 MPH
ADT: BRIDGE 3 (2015) = XXXX (2035) = XXXX

STANTEC CONSULTING SERVICES, INC. PRELIMINARY - FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

NICK N NIKPOUR 122413 6/30/2017
TBPE FIRM #F-6324 P.E. NO. DATE

HL-93 LOADING

NO.	DATE	REVISION	APPROVED

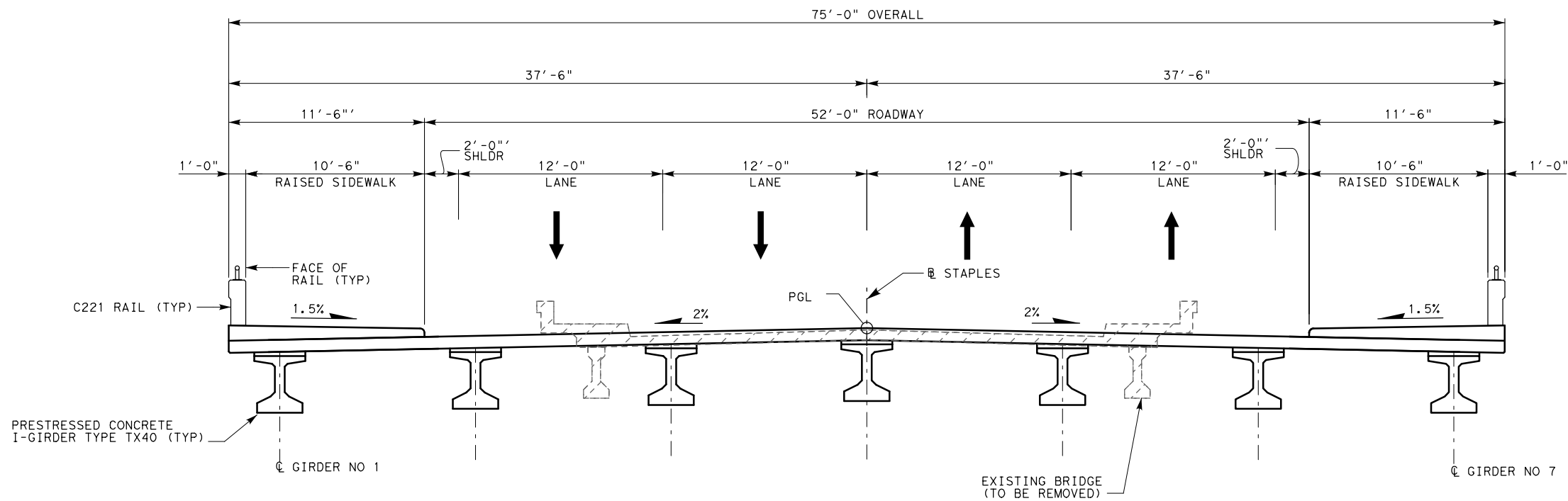
FLATIRON/DAGADOS LLC
Stantec
Engineered by Stantec Consulting Services Inc.
Texas Registered Engineering Firm F-6324

Texas Department of Transportation
US 181 HARBOR BRIDGE
BRIDGE LAYOUT

IH 37 UNDERPASS
AT STAPLES STREET
BRIDGE 3

SCALE: 1"=40'-0"		SHEET 1 OF 1	
DESIGN	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	
GRAPHICS	6	HPX597(1)	
CHECK	STATE	DISTRICT	COUNTY
CHECK	TEXAS	CRP	NUECES
CHECK	CONTROL	SECTION	JOB
	0101	06	095

FILE: c:\pwworking\stntec\stntec\dms33119\03HBR*BT01.dgn
DATE: 6/30/2017 TIME: 2:36:14 AM USER: amirnamini



TYPICAL SECTION
(SPANS 1-4)

NOTES:

1. FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEETS.
2. SEE TYPE C221 STANDARD FOR BRIDGE RAIL DETAILS.
3. REMOVE ALL EXISTING SUPERSTRUCTURE ELEMENTS AND ALL SUBSTRUCTURE ELEMENTS TO A MINIMUM OF TWO FEET BELOW FINAL GRADE ELEVATION.

LEGEND

← PROPOSED TRAFFIC FLOW

HL-93 LOADING

NO.	DATE	REVISION
		APPROVED

**FLATIRON/DRAGNADOS LLC**

**Stantec**
Engineered by Stantec Consulting Services Inc.
Texas Registered Engineering Firm F-6324

**Texas Department of Transportation**
2017

US 181 HARBOR BRIDGE

TYPICAL SECTION

IH 37 UNDERPASS
AT STAPLES STREET
BRIDGE 3

SCALE: 1/8" = 1'-0"		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

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PRELIMINARY NOT FOR CONSTRUCTION, JUNE 2017