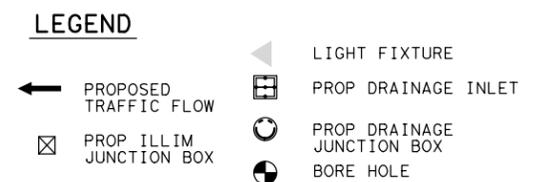


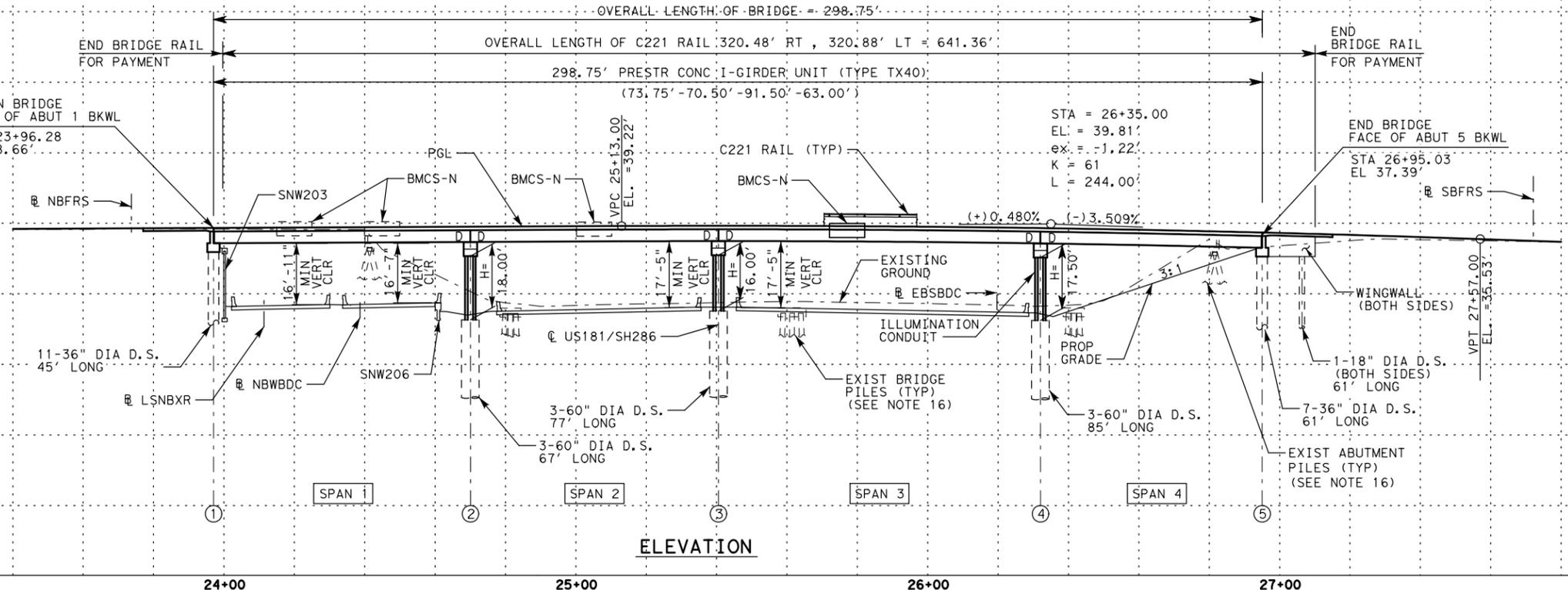
- NOTES:**
- FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEETS.
  - TOPO DATA PROVIDED BY CIVIL CORP. UTILITY DATA PROVIDED BY KCI.
  - ALL DIMENSIONS ARE EITHER HORIZONTAL OR VERTICAL AND MUST BE CORRECTED FOR GRADE, CROWN AND/OR SUPERELEVATION.
  - ALL SUPERELEVATION TRANSITIONS ARE LINEAR.
  - VERTICAL CLEARANCES ARE CALCULATED FOR THE MOST CRITICAL CONDITION BASED UPON THE ULTIMATE AND INTERIM SECTIONS.
  - FOR CONCRETE GIRDER SPANS, "D" DENOTES BENTS WITH DOWEL BARS AND SLOTTED HOLES AT ENDS OF EXTERIOR GIRDER ONLY.
  - DRILLED SHAFT 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 DRILLED SHAFT 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 LAYOUTS" SHEETS FOR DRAINAGE AND UTILITY INFORMATION.
  - SEE SIGNAGE SHEETS FOR SIGN LOCATIONS AND BRIDGE MOUNT DETAILS.
  - SOIL EXPLORATION DATA PROVIDED BY PSI.
  - FOR HVJ BORING DATA SEE "HVJ GEOTECHNICAL DATA REPORT" DATED 9/29/2014.
  - SEE "FLARED SLAB PLANS AND DETAILS" SHEET FOR MORE INFORMATION ON CAST-IN-PLACE BEAMS.



**DESIGN DATA**  
 NBI NO XX-XXX-XXXXXX-XXX  
 FUNC CLASS: URBAN; COLLECTOR  
 DESIGN SPEED: 30 MPH  
 ADT: BRIDGE 12  
 (2015) = 3300  
 (2035) = 4600

**NOTES (CONT):**

- REMOVE ALL EXISTING SUPERSTRUCTURE ELEMENTS AND ALL SUBSTRUCTURE ELEMENTS TO A MINIMUM OF TWO FEET BELOW FINAL GRADE ELEVATION.
- SEE ROADWAY ILLUMINATION SHEETS FOR UNDERPASS LIGHT FIXTURE AND CONDUIT DETAILS.
- SEE "ROADWAY PLAN DETAIL COMANCHE ST" SHEET ON PACKAGE 12.0.01 FOR MORE INFORMATION ON CROSS SLOPE, VARIATION AND DECK ELEVATIONS.



HL-93 LOADING

NO.	DATE	REVISION	APPROVED

FLATIRON DRAGADOS LLC | Stantec | Texas Department of Transportation

## US 181 HARBOR BRIDGE BRIDGE LAYOUT

### SH 286 UNDERPASS AT COMANCHE STREET BRIDGE 12

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

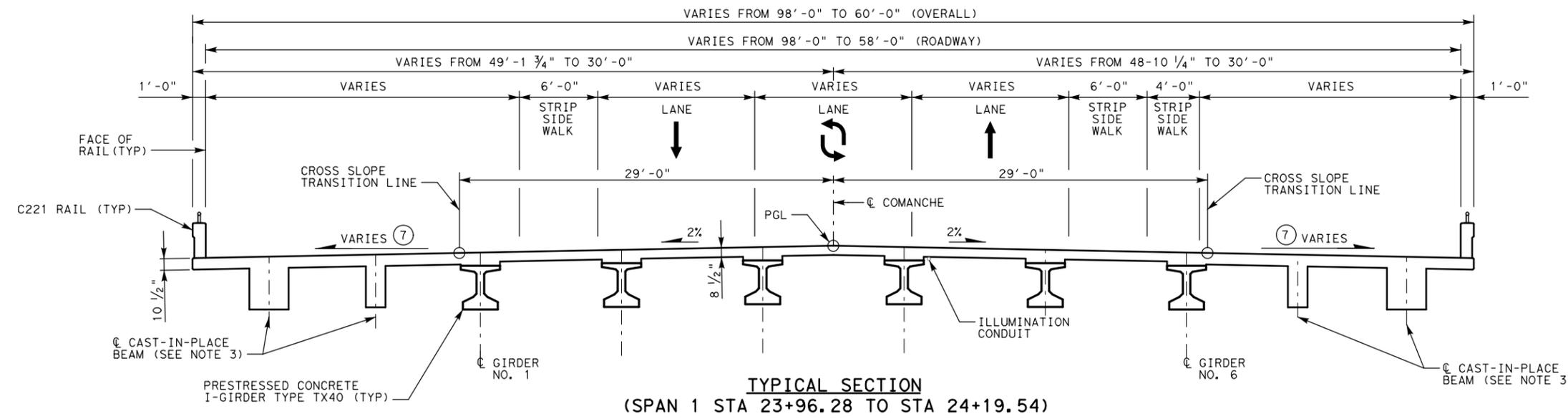
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DESIGN	6	HPX597 (1)	US 181
GRAPHICS	STATE	DISTRICT	COUNTY
CHECK	TEXAS	CRP	NUECES
CHECK	CONTROL	SECTION	JOB
CHECK	0101	06	095

RB012 | 001

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 TIME: 9:18:01 AM

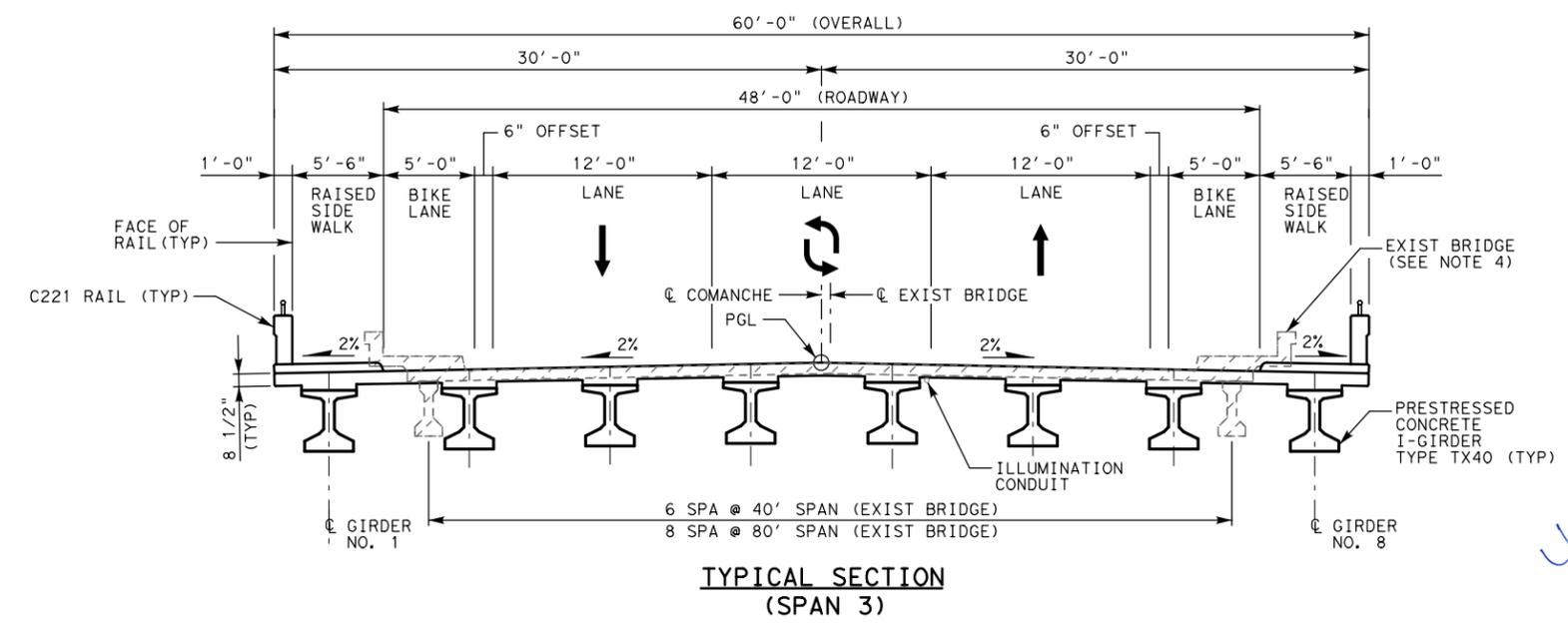
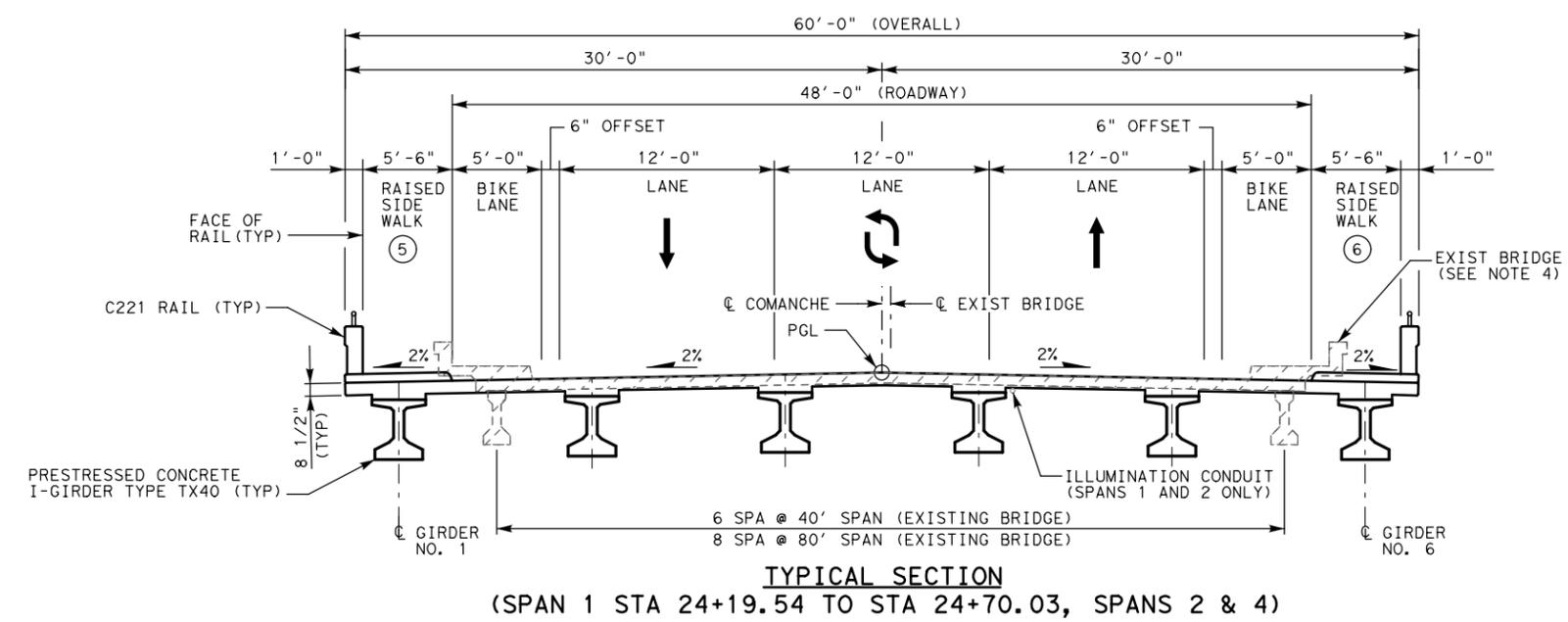
**NOTES:**

1. FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEETS.
  2. SEE TYPE C221 STANDARD FOR BRIDGE RAIL DETAIL.
  3. SEE "FLARED SLAB PLANS AND DETAILS" SHEET FOR MORE INFORMATION ON CAST-IN-PLACE BEAMS.
  4. REMOVE ALL EXISTING SUPERSTRUCTURE ELEMENTS AND ALL SUBSTRUCTURE ELEMENTS TO A MINIMUM OF TWO FEET BELOW FINAL GRADE ELEVATION.
  5. SEE ROADWAY ILLUMINATION SHEETS FOR UNDERPASS LIGHT FIXTURE AND CONDUIT DETAILS.
- ⑤ BEGIN SIDEWALK STA 24+18.85  
 ⑥ BEGIN SIDEWALK STA 24+19.54  
 ⑦ SEE "ROADWAY PLAN DETAIL COMANCHE ST" SHEET ON PACKAGE 12.0.01 FOR MORE INFORMATION ON CROSS SLOPE VARIATION AND DECK ELEVATIONS.



**LEGEND**

← PROPOSED TRAFFIC FLOW



**HL-93 LOADING**

NO.	DATE	REVISION	APPROVED

**FLATIRON DRAGADOS LLC**

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

**Texas Department of Transportation**

**US 181 HARBOR BRIDGE**  
**TYPICAL SECTION**  
**SH 286 UNDERPASS**  
**AT COMANCHE STREET**  
**BRIDGE 12**

SCALE: 1"=10'-0"

SHEET 1 OF 1

DESIGN	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	HIGHWAY NO.
\$DESIGN\$	6	HPX597 (1)	US 181
GRAPHICS	STATE	DISTRICT	COUNTY
\$GRAPHICS\$	TEXAS	CRP	NUECES
CHECK	CONTROL	SECTION	JOB
\$CHECK\$	0101	06	095
CHECK			
\$CHECK1\$			



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