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STANDARD ABBREVIATIONS

APPROX.	APPROXIMATE	MIN.	MINIMUM
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	N/A	NOT APPLICABLE
BOT.	BOTTOM	NTS	NOT TO SCALE
CIP	CAST IN PLACE	P.C.	POINT OF CURVATURE
CL.	CLEARANCE	P.I.	POINT OF INTERSECTION
Ⓞ	CENTERLINE	PREST.	PRESTRESSED
CONC.	CONCRETE	PROP.	PROPOSED
CO.	COVER	P.T.	POINT OF TANGENCY OR PRESSURE TREATED
CF	CUBIC FEET	REINF.	REINFORCING
CFS	CUBIC FEET PER SECOND	RT.	RIGHT
CMU	CONCRETE MASONRY UNIT	R/W	RIGHT OF WAY
CY	CUBIC YARDS	S.F.	SQUARE FOOT
DHW	DESIGN HIGH WATER	SPA.	SPACE OR SPACES OR SPACED
DIA.	DIAMETER	SP	SPAN
DIM.	DIMENSION	S.S.	STAINLESS STEEL
EA.	EACH	S.Y.	SQUARE YARD
EL.	ELEVATION	STA.	STATION
EXIST.	EXISTING	TYP.	TYPICAL
EXP.	EXPANSION	UNO	UNLESS NOTED OTHERWISE
INV.	INVERT	VERT.	VERTICAL
LT.	LEFT		

GENERAL NOTES

- A. DESIGN SPECIFICATIONS:
 - FDOT STRUCTURES MANUAL DATED JANUARY 2022.
 - AMERICAN ASSOCIATION OF STATE HIGHWAY OF TRANSPORTATION OFFICIALS (AASHTO) LOAD AND RESISTANCE FACTOR (LRFD) BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION.
 - AASHTO LRFD DESIGN SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES 2009 WITH 2015 INTERIMS.
 - FDOT DESIGN MANUAL DATED JANUARY 2022 AND SUBSEQUENT ROADWAY DESIGN BULLETIN.
- B. GOVERNING STANDARDS AND CONSTRUCTION SPECIFICATIONS:



FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2022-23 STANDARD PLANS AND JULY 2022 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AS AMENDED BY CONTRACT DOCUMENTS.
- C. VERTICAL DATUM:
 - ALL ELEVATIONS ARE IN FEET AND BASED ON NATIONAL GEODECTIC VERTICAL DATUM OF 1929 (NGVD29)
- D. ENVIRONMENT:
 - STRUCTURE TYPE, BOARDWALK
 - SUPERSTRUCTURE, SLIGHTLY AGGRESSIVE
 - SUBSTRUCTURE, MODERATELY AGGRESSIVE
- E. CONTROLLING CRITERIA:
 - FRESH WATER
- F. DESIGN METHODOLOGY:
 - LRFD METHOD USING STRENGTH AND SERVICE LIMIT STATES.

GENERAL NOTES (CONT.)

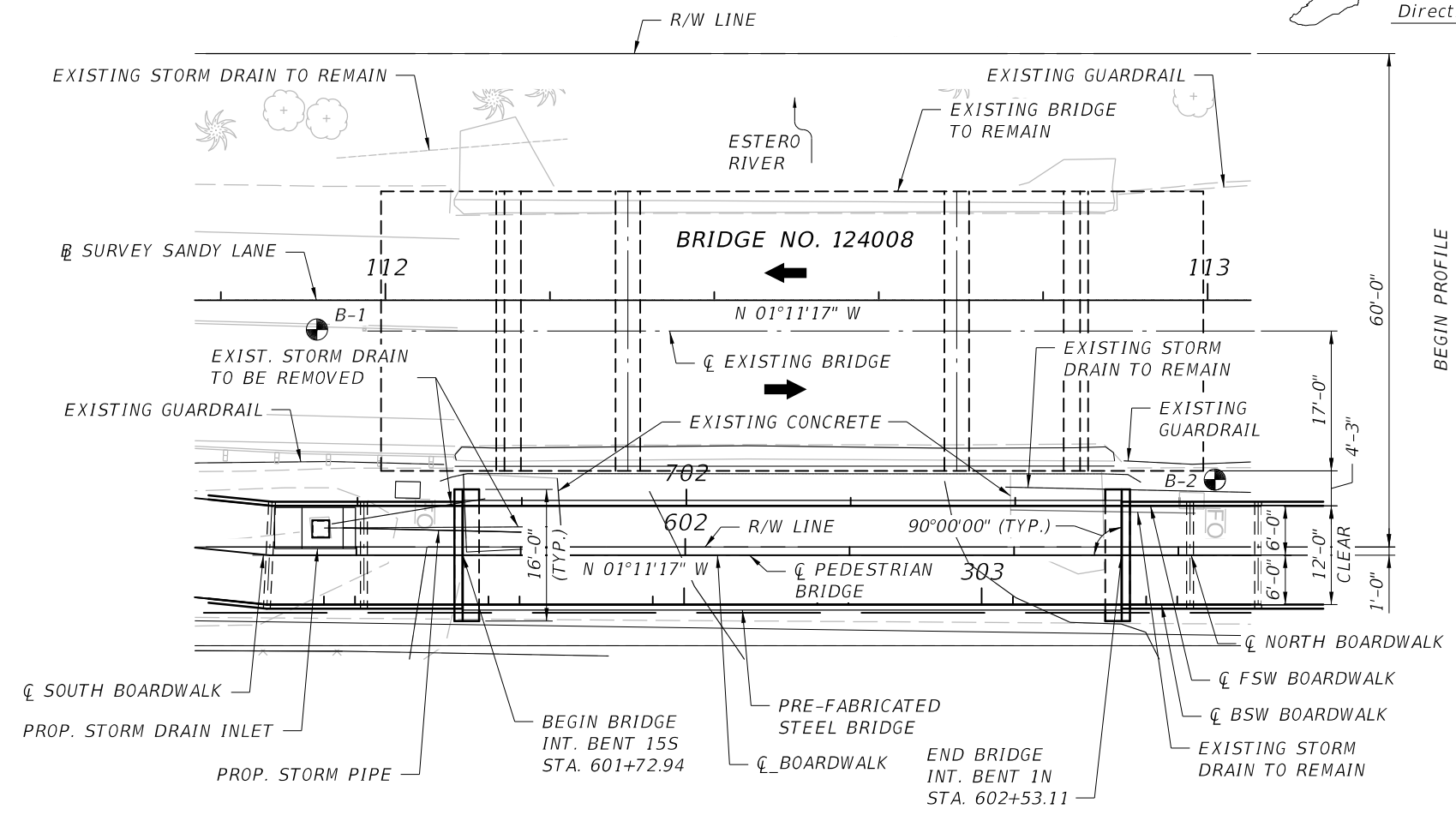
- G. DESIGN LOADINGS:
 - LIVE LOADS: PEDESTRIAN LIVE LOAD (90 PSF).
 - LIVE LOADS: NO VEHICLE LOAD HAS BEEN INCLUDED IN THE DESIGN.
 - LIVE LOADS: RAIL AND POST LIVE LOAD (200 LB. (VERTICAL OR HORIZONTAL) PLUS 50 PLF (VERTICAL AND HORIZONTAL, ACTING SIMULTANEOUSLY)).
 - DEAD LOADS: PREFABRICATED STEEL BRIDGE (83,200 LB).
- H. CONSTRUCTION LOADING:
 - IT IS THE CONSTRUCTION CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR SUPPORTING CONSTRUCTION LOADS.
- I. MATERIALS:
 - DIMENSIONAL LUMBER:
 - COMPOSITE DECKING MATERIAL SHALL BE ACCORDANCE WITH TECHNICAL SPECIAL PROVISIONS T952
 - MANUFACTURER: MOISTURESHIELD INC. OR EQUAL
 - SERIES: VISION
 - COLOR: SANDSTONE
 - CONCRETE:
 - SUBSTRUCTURE CLASS IV 5500 PSI, MINIMUM 28 DAY COMPRESSIVE STRENGTH.
 - CONCRETE SHALL BE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATION 346.
 - ANCHOR BOLTS, NUTS AND WASHERS:
 - ANCHOR BOLTS: ASTM F1554 GRADE 105.
 - NUTS: ASTM A563 GRADE A HEAVY HEX (5 PER ANCHOR BOLT).
 - PLATE WASHERS: ASTM A36 (2 PER BOLT).
- J. UTILITIES:
 - NO UTILITIES ARE TO BE LOCATED ON THE STRUCTURE.
 - THE UTILITIES SHOWN IN THE BRIDGE PLANS ARE AT APPROXIMATE LOCATIONS.
 - CONTRACTOR SHALL ENSURE THAT ANY EXISTING UTILITIES ARE NOT ENDANGERED OR DISTURBED DURING CONSTRUCTION AND THAT ACTIVE UTILITIES WITHIN THE PROJECT LIMITS ARE PROPERLY MAINTAINED DURING CONSTRUCTION.
- K. PLAN DIMENSIONS:
 - ALL DIMENSIONS IN THESE PLANS ARE MEASURED IN FEET EITHER HORIZONTALLY OR VERTICALLY UNLESS OTHERWISE NOTED.
- L. EXISTING STRUCTURE:

CONSTRUCTION OCCURS IN CLOSE PROXIMITY TO EXISTING STRUCTURES. THE CONTRACTOR IS TO TAKE ALL REASONABLE PRECAUTIONS TO PREVENT DAMAGE TO SUCH STRUCTURES IN ACCORDANCE WITH THE PROVISIONS OF SECTION 455 OF THE STANDARD SPECIFICATIONS.
- M. PREFABRICATED STEEL BRIDGE:

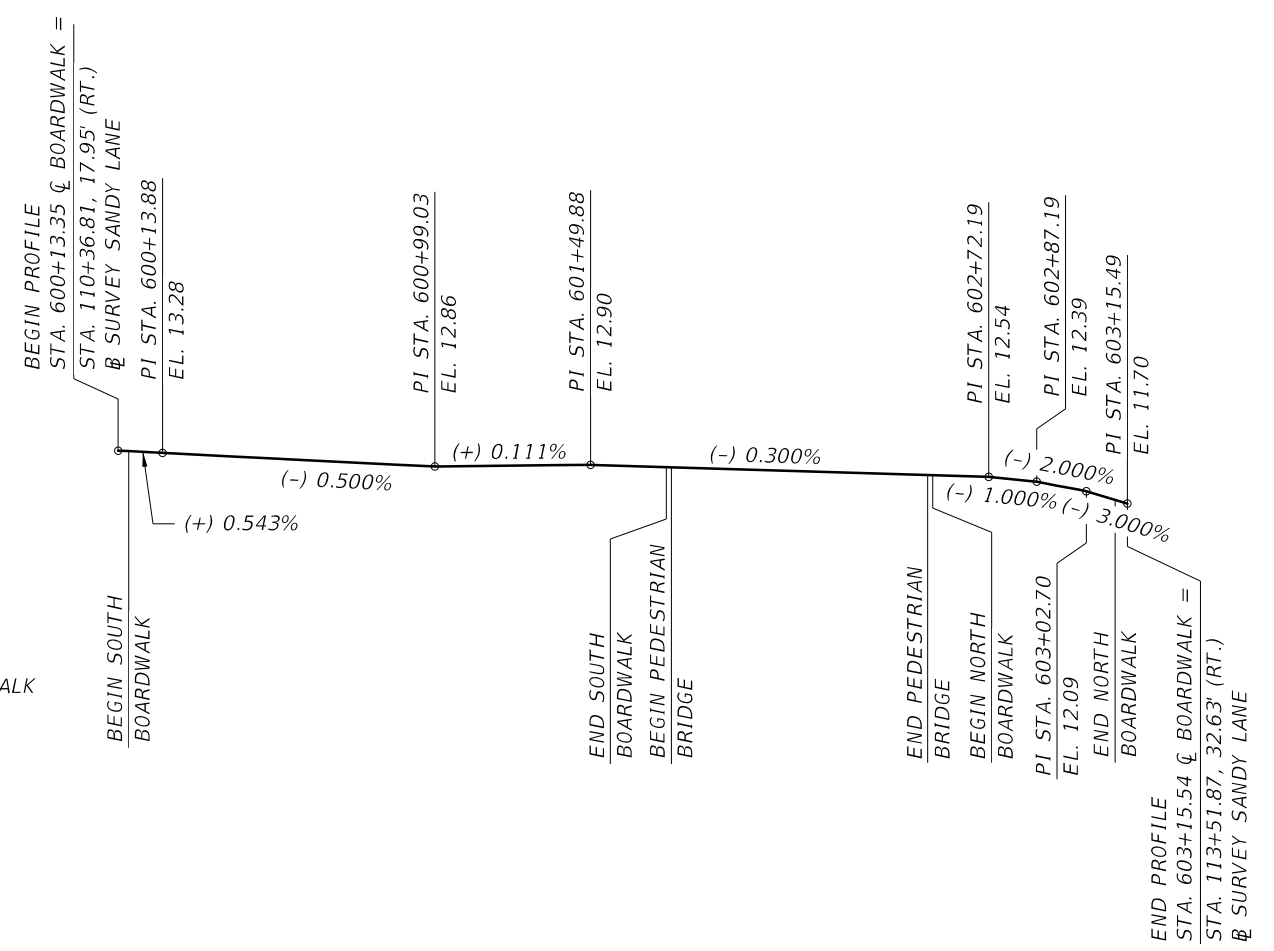
THE PEDESTRIAN PREFABRICATED STEEL BRIDGE SHOWN IS FOR REFERENCE ONLY AND WAS USED TO DESIGN THE FOUNDATIONS. THE CONTRACTOR SHALL PROVIDE A PREFABRICATED BRIDGE THAT MEETS OR EXCEEDS THE DESIGN SPECIFICATIONS AND DESIGN LOADINGS SHOWN ON THIS SHEET. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS TO THE ENGINEER FOR REVIEW. THE MANUFACTURER SHALL BE RESPONSIBLE FOR ALL MEMBERS, CONNECTIONS AND DETAILS WITHIN THE PREFABRICATED STEEL BRIDGE. FOUNDATION LOADS ASSUMED IN DESIGN ARE BASED ON THE CONCEPT SHOWN ON SHEET "PLAN AND ELEVATION - PEDESTRIAN BRIDGE". ANY MODIFICATIONS TO THE SUBSTRUCTURE OR FOUNDATION DUE TO INCREASED PREFABRICATED STEEL BRIDGE LOADINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALTERNATIVE SUPERSTRUCTURE TYPE SHALL BE SUBMITTED AS SHOP DRAWINGS TO THE ENGINEER FOR CONSIDERATION.

REVISIONS				 4020 BOY SCOUT BLVD., SUITE 700 TAMPA, FLORIDA 33607 FBPE CERTIFICATE OF AUTHORIZATION NO. 24 DAVID KONZ, P.E. #69635	SANDY LANE BICYCLE/ PEDESTRIAN IMPROVEMENTS			GENERAL NOTES PEDESTRIAN BRIDGE	SHEET NO.
DATE	DESCRIPTION	DATE	CLIENT		PROJECT #	B-1			
			VILLAGE OF ESTERO		CN 2022-02				

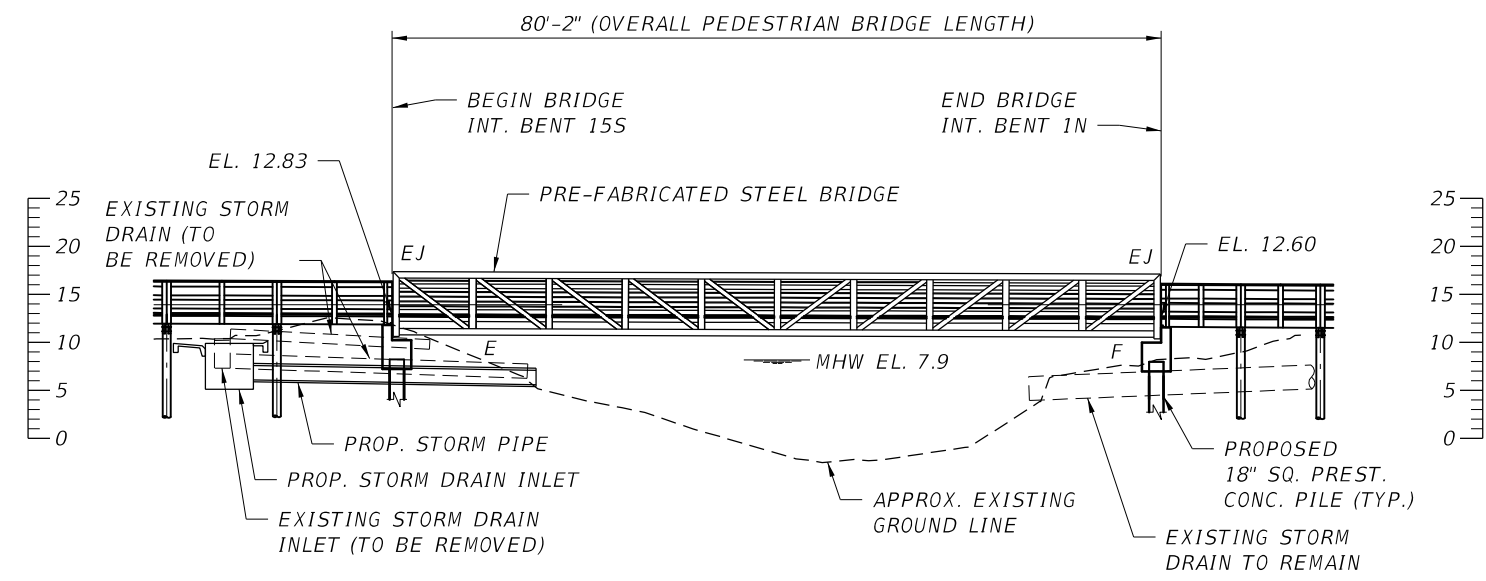
NOT FOR CONSTRUCTION



PLAN



VERTICAL CURVE DATA
(ALONG \bar{C} BOARDWALK / PEDESTRIAN BRIDGE)



ELEVATION
(EXISTING BRIDGE NOT SHOWN FOR CLARITY)

- LEGEND:**
- APPROXIMATE LOCATION OF SOIL BORING
 - FRONT FACE BACKWALL
 - EXPANSION JOINT
 - EXPANSION BEARING
 - FIXED BEARING
 - MEAN HIGH WATER
 - TRAVEL LANE
 - NEW STRUCTURE
 - EXISTING STRUCTURE

REVISIONS			
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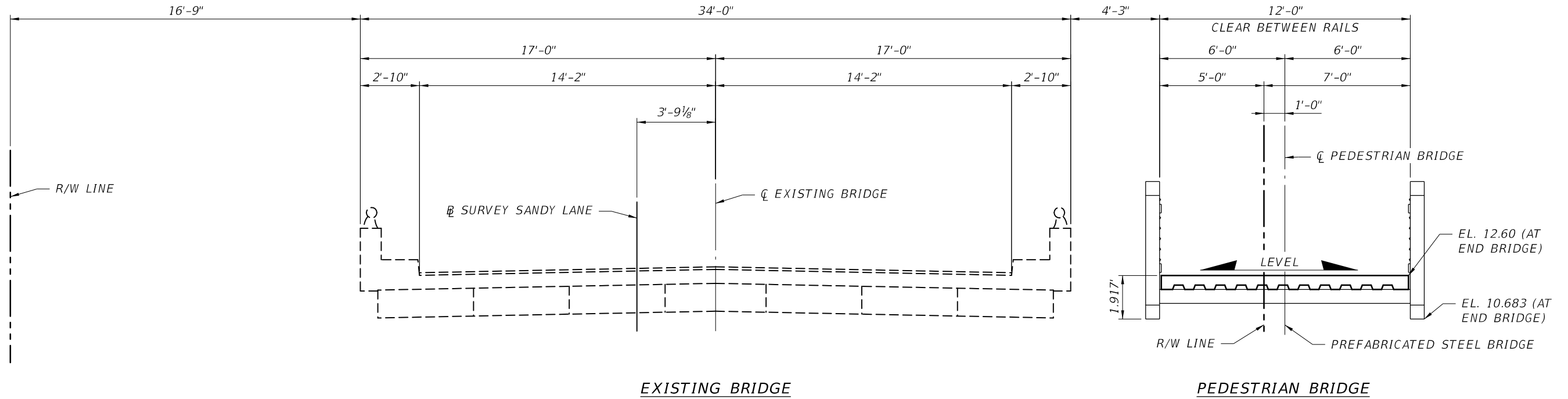
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**PLAN AND ELEVATION
PEDESTRIAN BRIDGE**

SHEET NO.
B1-1



EXISTING BRIDGE

PEDESTRIAN BRIDGE

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*TYPICAL SECTION
PEDESTRIAN BRIDGE*

SHEET
NO.

B1-2