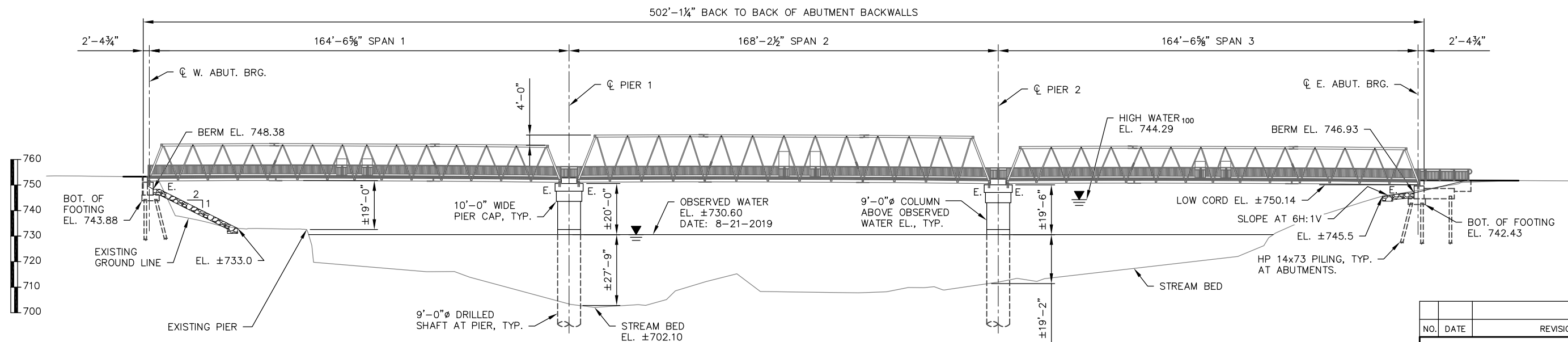


NOTE

⊙ INDICATES WING NUMBER

PLAN VIEW
(THREE SPAN PREFABRICATED WARREN STEEL TRUSS BRIDGE)



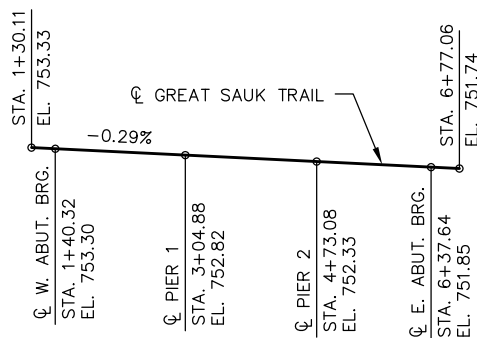
ELEVATION VIEW

FOUNDATION DATA:

ABUTMENTS TO BE SUPPORTED ON HP 14x73 PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 250 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

PIERS TO BE SUPPORTED ON 9'-0" DIA. DRILLED SHAFTS WITH A 8'-6" DIA. ROCK SOCKET EXTENDED A MINIMUM OF 20'-0" INTO THE UNDERLYING SANDSTONE BEDROCK AT APPROXIMATELY ELEVATION ±630.0.



PROFILE GRADE LINE

NOTE:

CENTER OF BORING LOCATIONS SHOWN REFERENCE:

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS SAUK CO.

NO.	DATE	REVISION	BY

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PEDESTRIAN BRIDGE

PEDESTRIAN BRIDGE OVER WISCONSIN RIVER	
COUNTY SAUK	TOWN/CITY/VILLAGE PRAIRIE DU SAC
DESIGN SPEC. AASHTO LRFD DESIGN SPEC.	
DESIGNED BY CDS	DESIGN CK'D. JDO
DRAWN BY CDS	PLANS CK'D. JJK

BORING LAYOUT SHEET

SHEET 1 OF XX