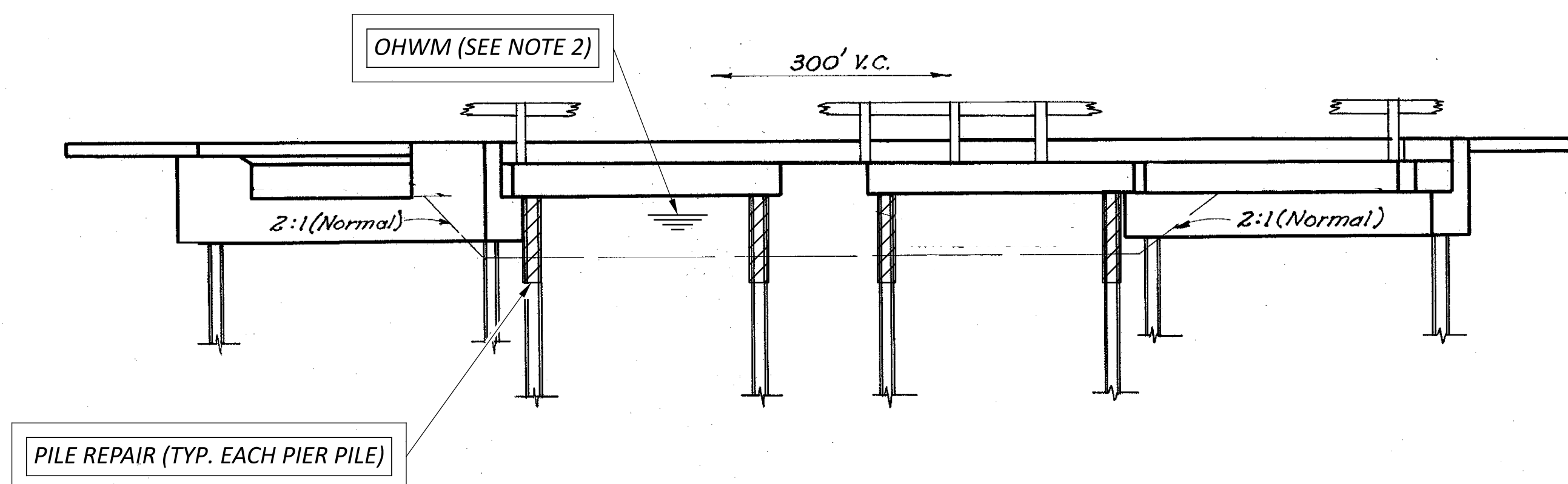


PLAN



PROFILE

**NOTES:**

1. DETAILS ON THIS GENERAL PLAN ARE FROM ARCHIVED PLANS AND SHOULD BE USED FOR REFERENCE ONLY. INFORMATION ADDED FOR PID 123199 ARE DESIGNATED WITH A DOUBLE-BOX DO NOT WORK DIRECTLY FROM THIS SHEET.
2. VERTICAL DATUM USED FOR EXISTING PLANS IS UNKNOWN - BASED ON YEAR OF CONSTRUCTION THE VERTICAL DATUM IS ASSUMED TO BE NGVD29 DATUM. ORDINARY HIGH WATER MARK (OHWM) EL. 979.838 REFERS TO NAVD88 DATUM. THIS ELEVATION CONVERTS TO 980.333 NGVD29 DATUM.

**EXISTING STRUCTURE**

TYPE: CONTINUOUS REINFORCED CONCRETE SLAB WITH CAPPED PILE SUBSTRUCTURE  
 SPANS: 20'-0"±, 25'-0"±, 20'-0"± C/C BEARING  
 ROADWAY: 32'-0"± F/F GUARDRAIL  
 LOADING: CF = 30(51)  
 SKEW: 30°00'00"± RF  
 WEARING SURFACE: 2½"± BITUMINOUS  
 APPROACH SLABS: AS-1-54 (15'-0" LONG)  
 ALIGNMENT: TANGENT  
 CROWN: 3/16"± /FT  
 STRUCTURE FILE NUMBER: 5903513  
 DATE BUILT: 1957  
 DISPOSITION: PILE SUBSTRUCTURE TO BE REHABILITATED

**PROPOSED WORK**

1. PREPARE COFFERDAM OR TEMPORARY ACCESS FILL AND PERFORM EXCAVATION AT FIRST PIER.
2. REPAIR DETERIORATED PILE SUBSTRUCTURE WITH WELDED OR BOLTED REPAIR.
3. ENCASE STEEL PILES WITH CONCRETE AND PVC LINER.
4. REPLACE EXCAVATED MATERIAL AND REMOVE COFFERDAM OR TEMPORARY ACCESS FILL FROM FIRST PIER.
5. REPEAT STEPS 1-4 FOR SECOND PIER.

GENERAL PLAN  
 BRIDGE NO. MRW-00529-02.460  
 SR 529 OVER BIG RUN CREEK

SFN  
 5903513

DESIGN AGENCY



DESIGNER: NCS  
 CHECKER: BMV

REVIEWER  
 JBD 1/20/25

PROJECT ID  
 123199

SUBSET	TOTAL
1	3

SHEET	TOTAL
P.03	5