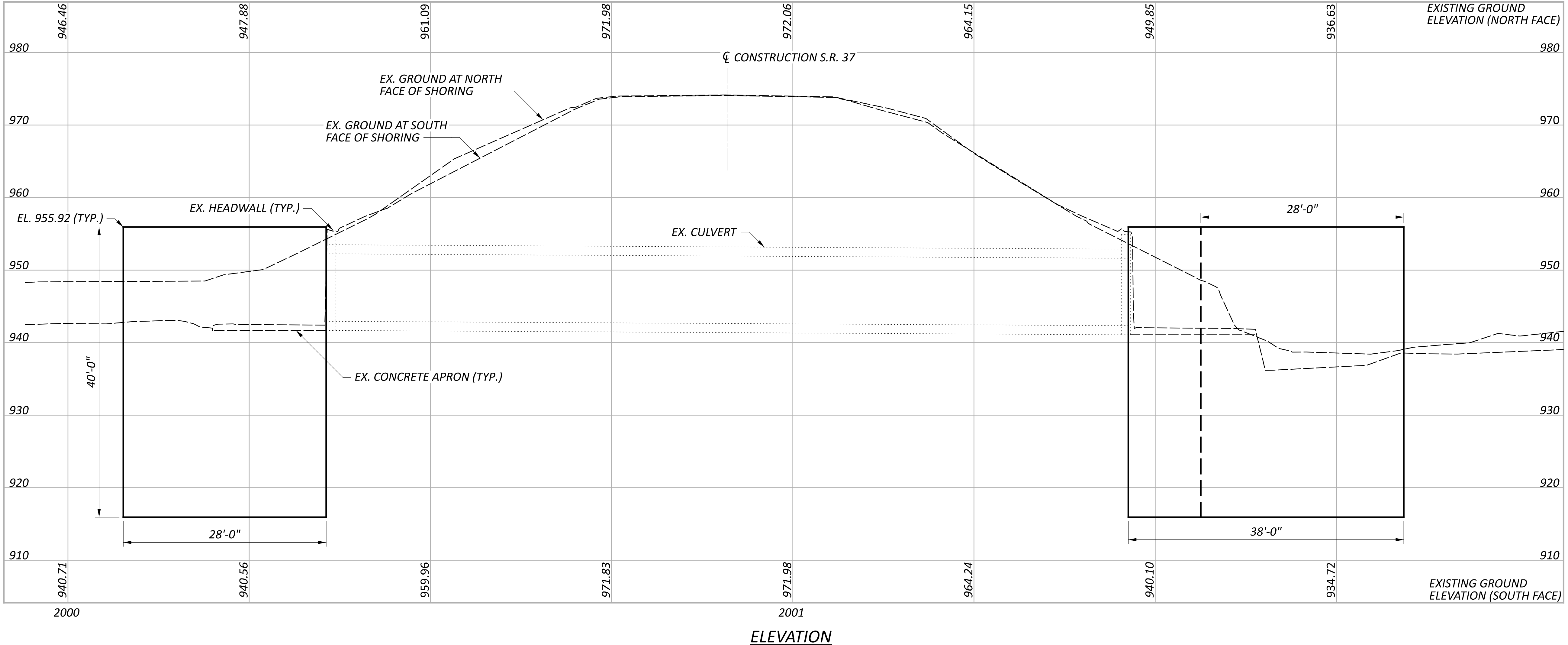


PLAN

**SUGGESTED SEQUENCE OF CONSTRUCTION**

1. DRIVE TEMPORARY STEEL SHEET PILE EXCAVATION BRACING AS SHOWN.
2. EXCAVATE IN THE VICINITY OF THE PROPOSED THREE-SIDED STRUCTURE TO ELEVATION 954. LEAVE A 2H:1V SLOPE ON THE NORTH SIDE OF THE PROPOSED STRUCTURE TO INTERSECT WITH THE DRIVEN STEEL SHEET PILE EXCAVATION BRACING AT APPROXIMATE ELEVATION 962. LEAVE A 4H:1V SLOPE ON THE SOUTH SIDE OF THE PROPOSED STRUCTURE TO INTERSECT WITH THE EXISTING ROADWAY SURFACE TO PROVIDE CONSTRUCTION ACCESS TO THE BOTTOM OF THE EXCAVATION. FILL INSIDE SHEETING TO TOP TO PROVIDE WORK PLATFORM. SEAL SHEETING TIGHT AGAINST HEADWALL TO PREVENT BACKFILL POURING INTO CULVERT.
3. DRILL ALL DRILLED SHAFTS, PLACE W27X94 STEEL PILES, AND POUR DRILLED SHAFT CONCRETE.
- 3A. THE CONTRACTOR SHALL PERFORM TWO TEST SECTIONS NOTED ON SHEET 30 AFTER THE COMPLETION OF THE DRILLED SHAFTS THAT ARE NOTED IN STEP 3 OF THE SEQUENCE OF CONSTRUCTION. THE SELECTED APPLICATION OF EITHER SHOTCRETE OR CLASS QC SCC CONCRETE WILL BE PLACED ON THE FACE OF THE DRILLED SHAFTS AS EXCAVATION PROCEEDS.
4. EXCAVATE BETWEEN DRILLED SHAFT WALLS DOWN TO THE CREEK BOTTOM, IN FOUR APPROXIMATELY FOUR-FOOT LIFTS, AND REMOVE EXISTING DUAL-BOX CULVERT STRUCTURE AND TEMPORARY SHEET PILING AS YOU GO.
5. ALL THE TEMPORARY SHEETING SHOWN ON THIS SHEET SHALL BE LEFT IN PLACE AND CUT OFF AT A MINIMUM OF 3'-0" BELOW THE FINISHED GRADE UNLESS REMOVED FOR PLACEMENT OF THE DRILLED SHAFT WALL FACE.
6. PLACE CONCRETE FACING ON DRILLED SHAFTS AS EXCAVATION PROCEEDS.
7. RESTORE CREEK BOTTOM TO PROPOSED FLOW LINE.
8. CAST FOOTING ON TOP OF DRILLED SHAFTS WITH KEYWAYS FOR PLACEMENT OF PROPOSED THREE-SIDED STRUCTURE.
9. PLACE PROPOSED THREE SIDED STRUCTURE AND WINGWALLS.
10. BACKFILL UP TO ROADWAY SUBGRADE ELEVATION IN ACCORDANCE WITH ITEMS 503.08 AND 203.
11. REPLACE ROADWAY BASE AND PAVEMENT LAYERS TO PROPOSED ROADWAY SURFACE ELEVATIONS.



ELEVATION



**TEMPORARY SHORING DETAILS**  
**BRIDGE NO. LIC-00037-19.381**  
**OVER RAMP CREEK**

SFN	4501838
DESIGN AGENCY	CARPENTER MARTY
DESIGNER	BWR
CHECKER	SMH
REVIEWER	GDJ
PROJECT ID	104981
SUBSET	3
TOTAL	14
SHEET	P.21
TOTAL	38