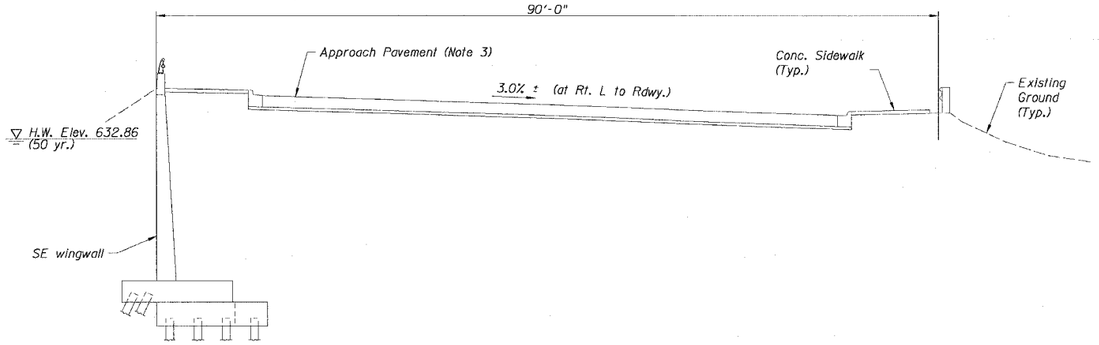
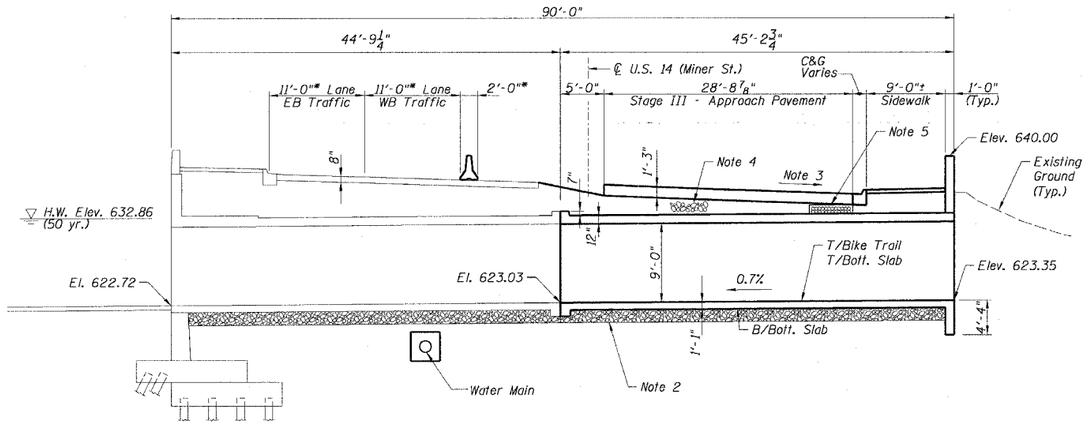


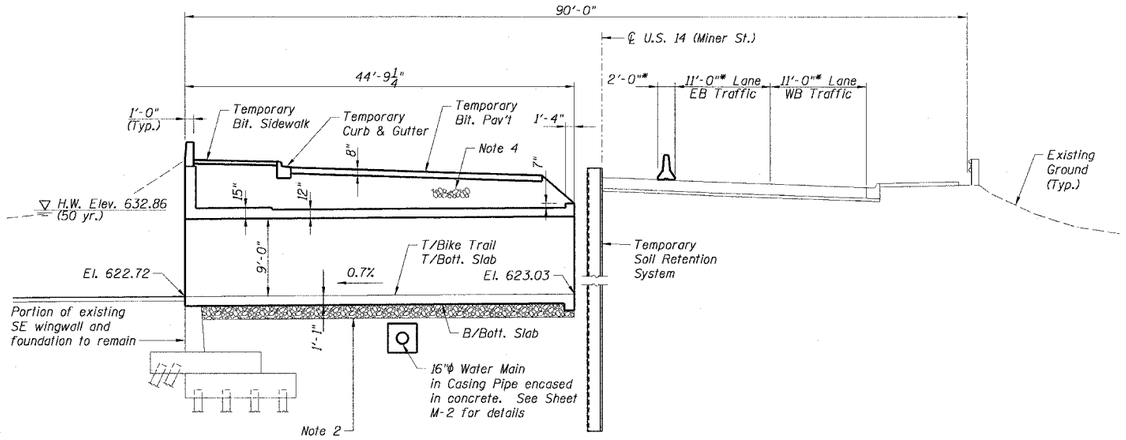
EXISTING CONDITIONS THRU ℄ PROPOSED CULVERT

(Looking West)



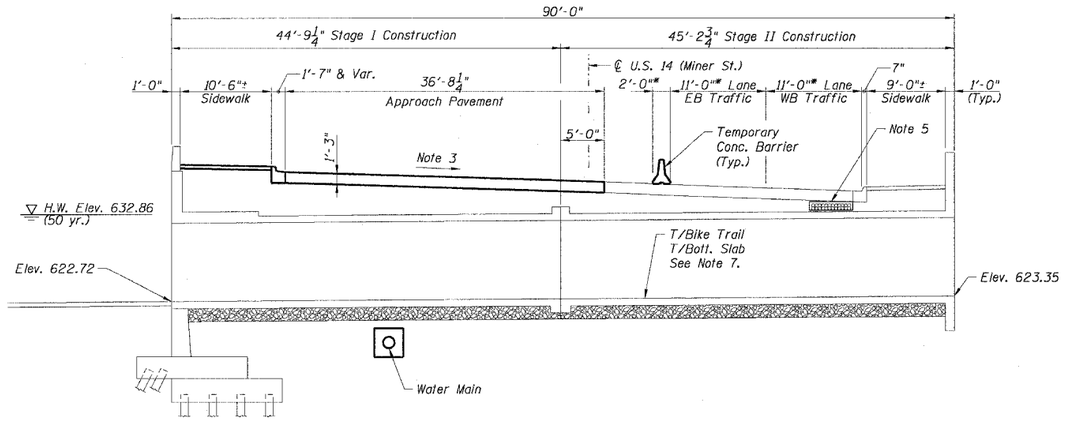
STAGE II CROSS SECTION THRU ℄ PROPOSED CULVERT

(Looking West)



STAGE I CROSS SECTION THRU ℄ PROPOSED CULVERT

(Looking West)



STAGE III CROSS SECTION THRU ℄ PROPOSED CULVERT

(Looking West)

*Dimensions shown at Right Angles to Roadway

NOTES:

1. See Sheets C-21 thru C-22 for Maintenance of Traffic plans.
2. Excavate 1'-6" below bottom of bottom slab and replace with 1'-6" compacted granular backfill meeting IDOT gradation CA-6. Backfill shall be placed in 9" lifts and compacted to 90% of ASTM D-1557 density. Place geotextile with the following properties on subgrade before placing backfill: Grab Tensile = 160 lbs. Mullen Burst Burst = 280 psi. Trapezoidal tear = 60 lbs. A.O.S. 70. The quantity and cost of over-excavation below bottom of bottom slab shall be included in Structure Excavation. Backfill and geotextile will not be measured for payment. Cost of backfill and geotextile shall be included with cost of Concrete Box Culverts.
3. See Sheet C-13 for approach pavement elevations. Coordinate roadway and sidewalks with Civil sheets.
4. See Sheet SMU-10 for pay limits of Sub-base Granular Material, Type B.
5. Relocated telephone lines by others. Not all utilities are shown on this sheet. See Sheet C-UTIL for utility coordination.
6. Waterproofing Membrane System shall be applied to outside faces of culvert walls, top of culvert top slab and back face of wingwalls.
7. Broom finish the top of the bottom slab to match the broom finish of the adjacent bike trail pavement.

DESIGNED BY: MMB CHECKED BY: BJM
DRAWN BY: MMB/RJ CHECKED BY: BJM

PLANS PREPARED BY:
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REVISION	
DATE	DESCRIPTION

SMU-2

SCALE: NONE
FR-416

MINER ST. CULVERT CONSTRUCTION STAGING