

**CULVERT SECTION
LOOKING WEST**

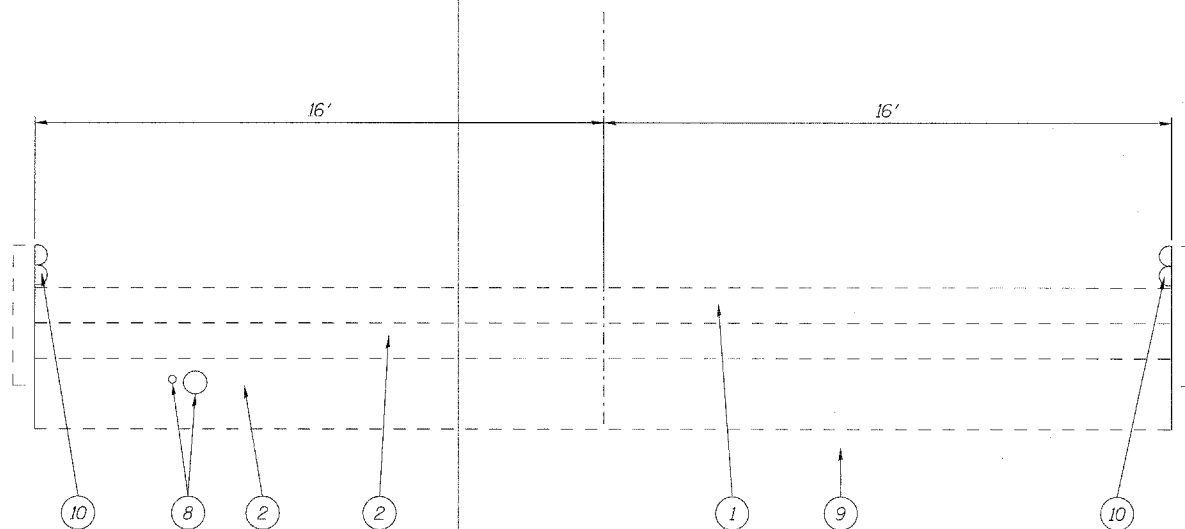
LEGEND

- ① PAVEMENT REMOVAL
- ② CONCRETE REMOVAL
- ③ CONCRETE WINGWALL REPLACEMENT
- ④ CHANNEL EXCAVATION
- ⑤ PRECAST CONCRETE BOX CULVERT 10'x6'
- ⑥ EXISTING STRUCTURE SHORING
- ⑦ COURSE AGGREGATE BACKFILL (SPECIAL)
- ⑧ EXISTING UTILITY-6" GAS LINE / AND OR 2" COMCAST LINE TO BE PROTECTED
- ⑨ EXISTING STRUCTURE
- ⑩ EXISTING STEEL PLATE BEAM GUARD RAIL REMOVAL
- ⑪ STRUCTURE EXCAVATION, W/ THE REPLACEMENT OF POROUS GRANULAR EMBANKMENT
- ⑫ EARTH EXCAVATION, W/ THE REPLACEMENT OF POROUS GRANULAR EMBANKMENT
- ⑬ STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES
- ⑭ CLASS D PATCHES, TYPE IV, 10"
- ⑮ BITUMINOUS MATERIALS (PRIME COAT)

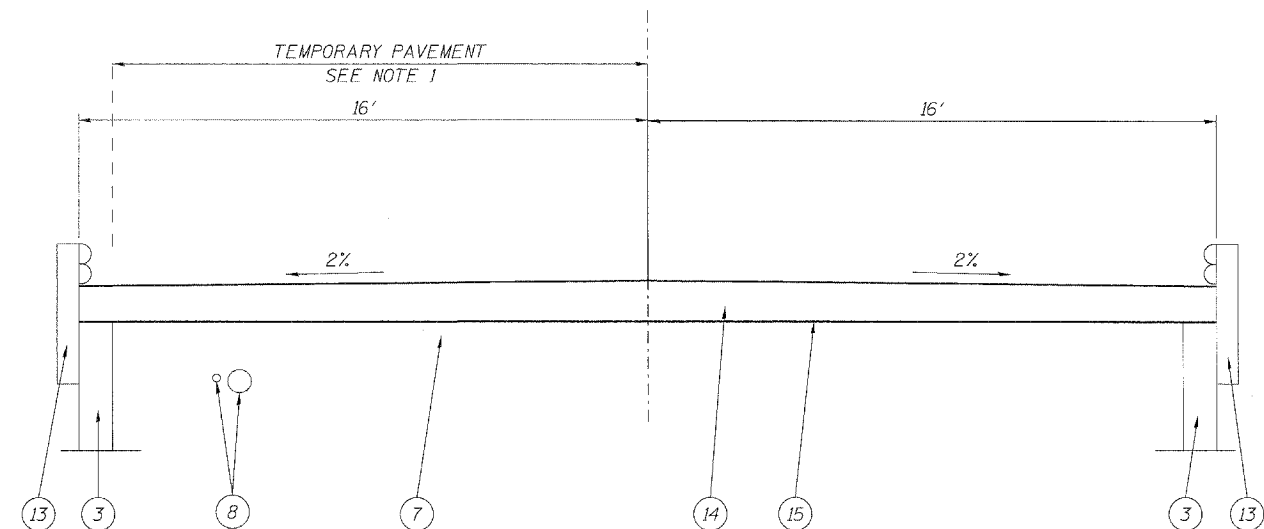
NOTE:

1. THE INSTALLATION OF PRECAST CONCRETE BOX CULVERT WILL BE COMPLETED IN STAGES. CLASS D PATCHES, TYPE IV, 10' TEMPORARY PATCHES WILL BE PLACED AS NECESSARY TO OPEN THE ROAD TO TRAFFIC, OR AS DIRECTED BY THE ENGINEER.
2. EXCAVATION LIMIT VARIES. IF EXCAVATION IS BELOW THE TOP OF THE EXISTING STRUCTURE FOOTING PROVIDE TEMPORARY SHORING SIMILAR TO ⑥.

APPLICATION	MIXTURE TYPE	AC TYPE	AIR VOIDS	RAP %
IL RT 31 THRU-LANES	CLASS D PATCHES (HMA BINDER IL-19 MM)	PG 64-22/58-22	4% @ 70 GYR.	15/25



EXISTING ROADWAY SECTION



PROPOSED ROADWAY SECTION