NOTES:
1. SEE SITUATION AND LAYOUT SHEET FOR CANAL INVERT AND WATER SURFACE ELEVATIONS AT INLET AND OUTLET OF CULVERT.
2. SEE SITUATION AND LAYOUT SHEET FOR ROADWAY HORIZONTAL ALIGNMENT AND PROFILE GRADES. COMPUTE DEPTH OF FILL FOR THE SELECTED PROPRIETARY PRECAST SYSTEM.
3. APPLY WATERPROOFING SYSTEM, TYPE D TO TOP SLAB FROM FACE OF CURB TO FACE OF CURB.
4. PROVIDE A PROPRIETARY PRECAST SYSTEM SELECTED FROM TYPICAL SECTION SHOWN OR APPROVED EQUAL, AND INCLUDE DETAILS AS SHOWN BELOW OR APPROVED EQUAL.
5. PROVIDE EITHER PRECAST OR CAST-IN-PLACE EDGE BEAMS AND WINGWALLS.
6. PROVIDE WATERTIGHT JOINTS FOR PEDESTRIAN UNDERPASSES.
7. INSURE DIMENSIONAL TOLERANCE IS IN ACCORDANCE WITH ASTM C1577 SECTION 12.

TYPICAL PRECAST CROSS-SECTION

\[\frac{1}{2}\text{"} \times 1\text{"} \times 0\text{"} \times 0\text{"}\]

WALL & SLAB JOINT

NTS

CONCRETE WATERPROOFING
SYSTEM: TYPE D
SEE NOTE 3
APPROXIMATE FINISH GRADE

INVERT ELEV. Varies
SEE NOTE 1

TYPICAL PRECAST CROSS-SECTION

\[\frac{1}{2}\text{"} \times 1\text{"} \times 0\text{"} \times 0\text{"}\]

EDGE BEAM DETAILS

\[1\text{"} \times 1\text{"}\]

BACKFILL DETAILS

\[\frac{1}{2}\text{"} \times 1\text{"}\]

CONCRETE LEVELING COURSE DETAILS

NTS

GRANULAR BORROW

CONCRETE CLASS 15

FOOTING ELEV.

WING WALL

ROCK LINE

BARREL

ROCK LINE

FOOTING ELEV.

CONCRETE CLASS 15

" QUANTITIES ARE BASED ON A 1"-1" THICKNESS. IF THICKNESS EXCEEDS 2"-0" THE ENGINEER SHALL BE NOTIFIED.

APPROVED EQUAL AND INCLUDE DETAILS AS SHOWN BELOW OR APPROVED EQUAL.

PROVIDE EITHER PRECAST OR CAST-IN-PLACE EDGE BEAMS AND WINGWALLS.

INSURE DIMENSIONAL TOLERANCE IS IN ACCORDANCE WITH ASTM C1577 SECTION 12.