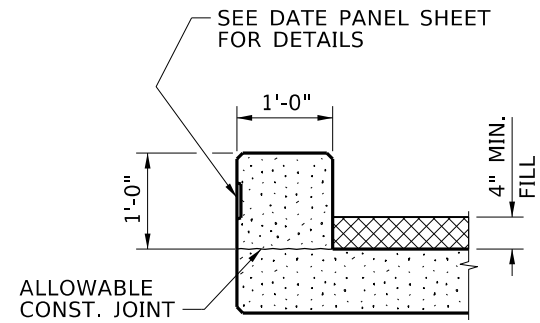
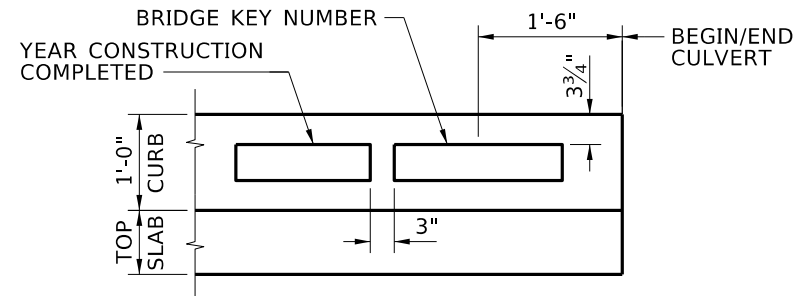


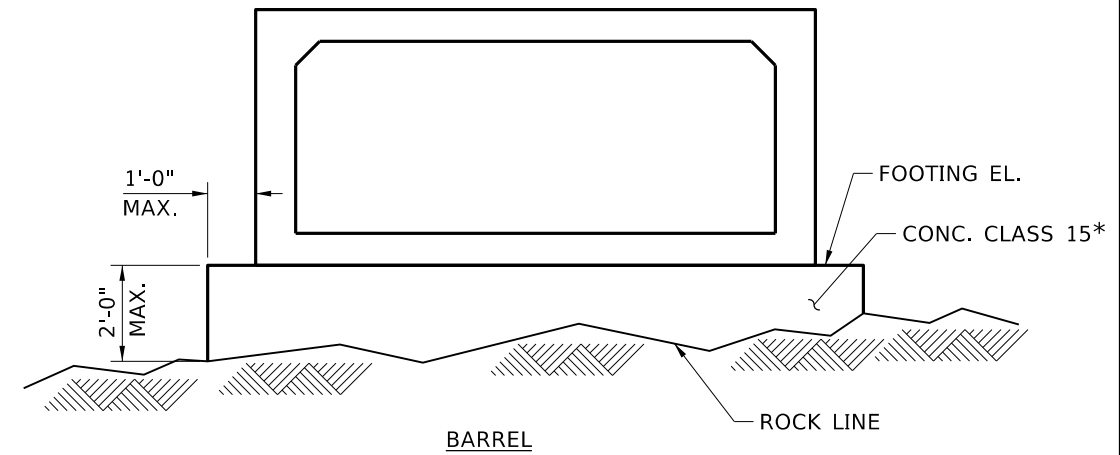
PRECAST TYPICAL SECTION
1/4" = 1'-0"



EDGE BEAM DETAILS
1/2" = 1'-0"

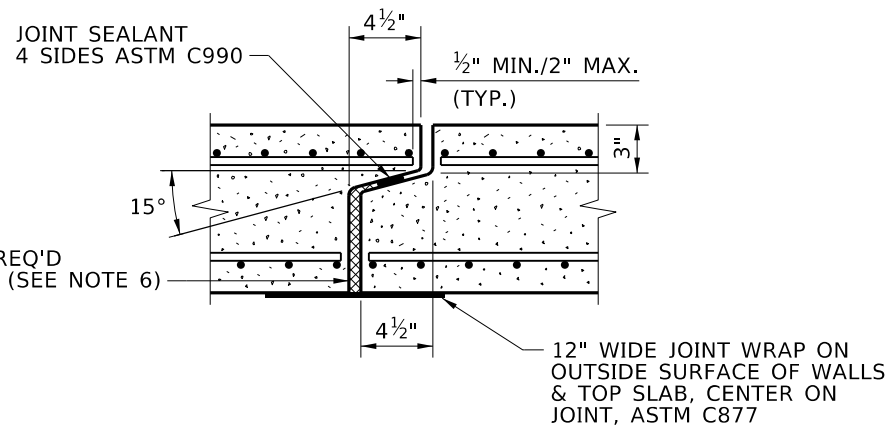


DATE PANEL ELEVATION
1/2" = 1'-0"

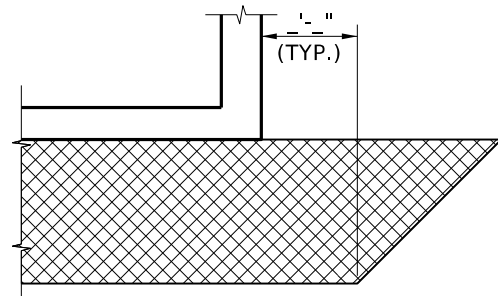


* QUANTITIES ARE BASED ON A 1'-0" THICKNESS. NOTIFY THE ENGINEER IF THE THICKNESS EXCEEDS 2'-0".

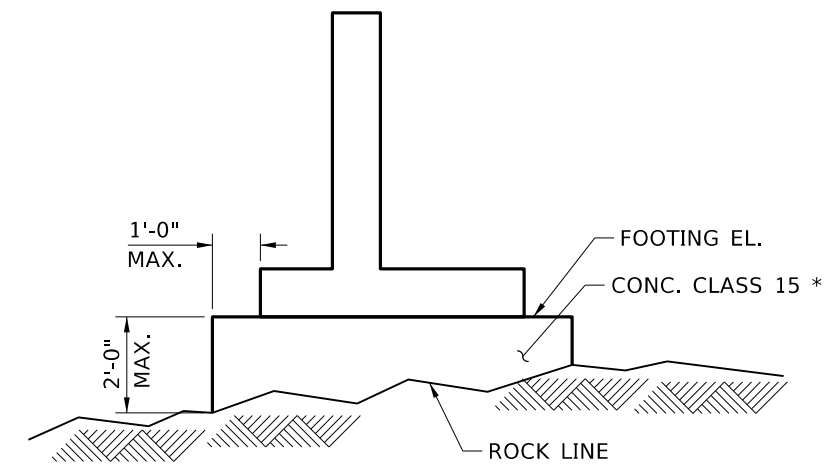
CONCRETE LEVELING COURSE DETAILS
NTS



WALL & SLAB JOINT
1" = 1'-0"



BACKFILL DETAILS
NTS



WINGWALL

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 GRADE. 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. PROVIDE DIMENSIONAL TOLERANCES IN ACCORDANCE WITH ASTM C1577 SECTION 12.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
▲			
▲			
▲			
▲			

DESIGNED
DESIGN CHECKED
DETAILED
DWG. CHECKED
CORRECTIONS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: Standards/Bridge Standard Drawings/B12_3.DGN
DRAWING DATE: DEC 2024

IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
APPROVED BY: BRIDGE ENGINEER MICHAEL T. JOHNSON DATE: _____

ENGLISH
PROJECT NO.

PRECAST BOX CULVERT DETAILS

BRIDGE LRFD DESIGN MANUAL, B12.3

BRIDGE PLANS	
BRIDGE KEY NO.	
COUNTY	KEY NO.
BRIDGE DWG. NO.	SHEET OF