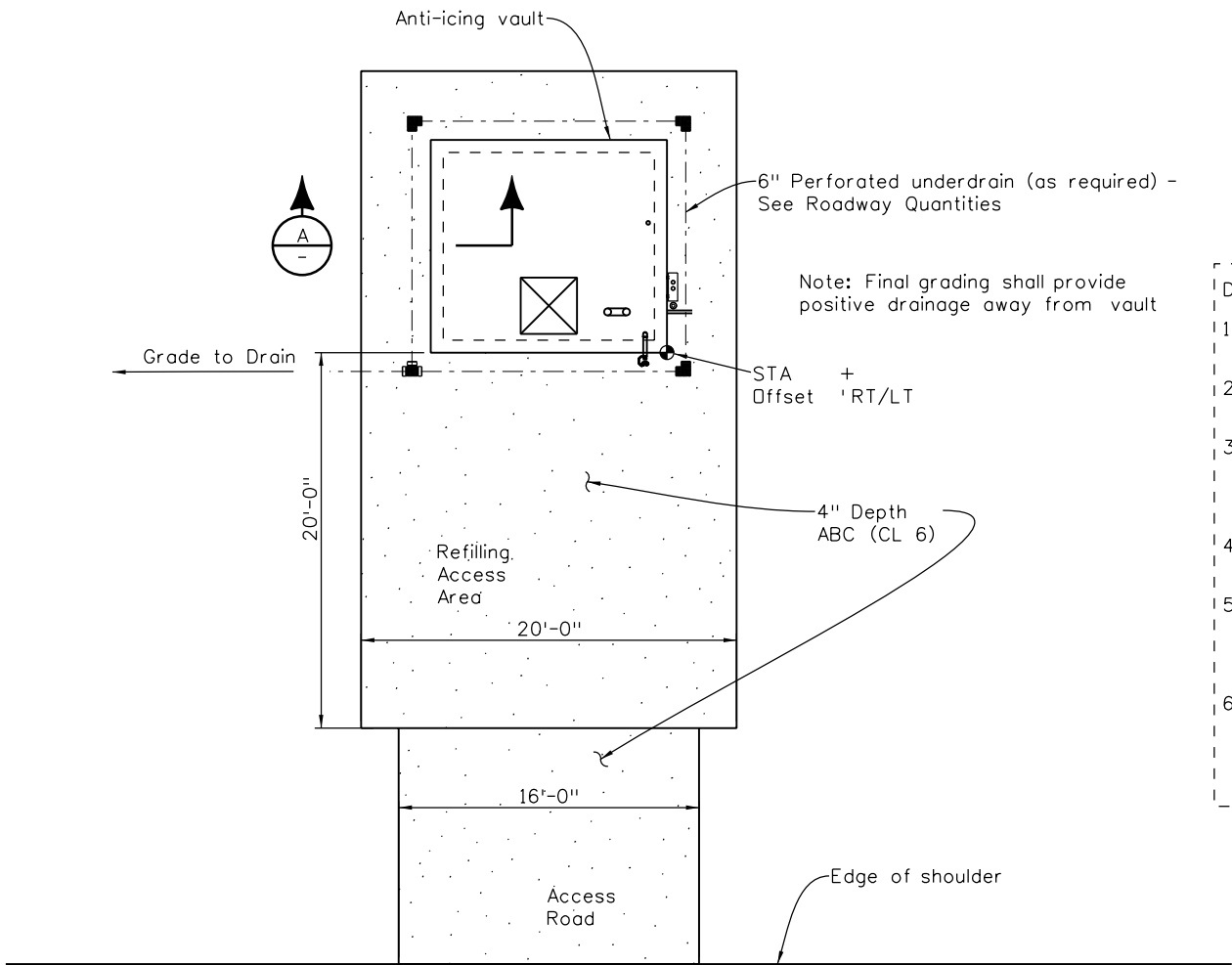
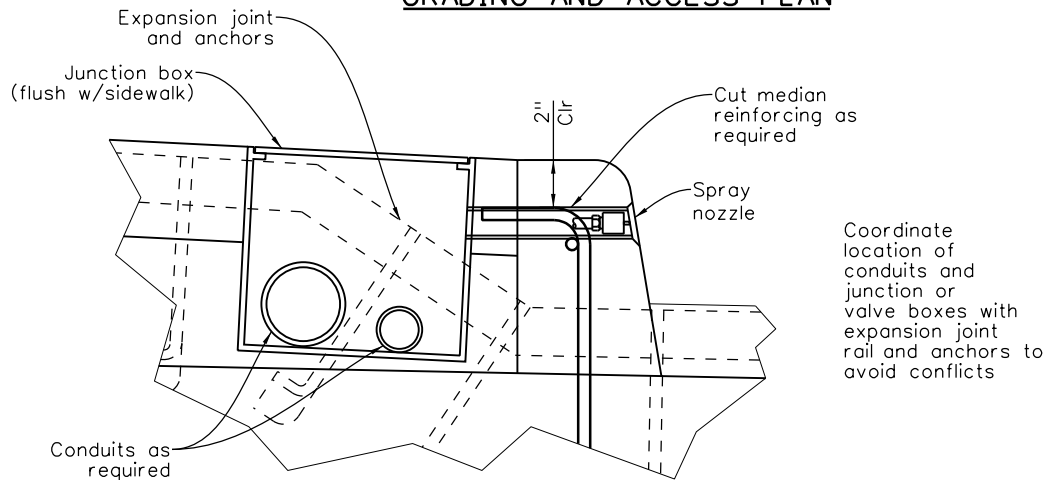


Revision Dates	9/24	3/23	10/13	7/10	3/07	2/06

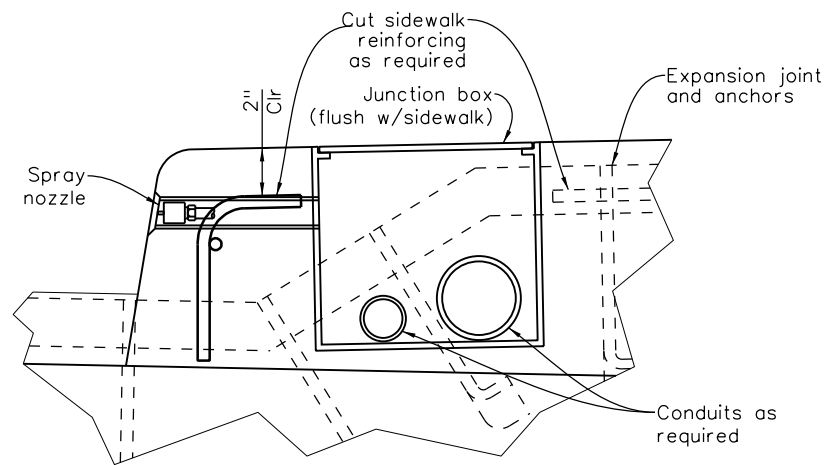
INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						



GRADING AND ACCESS PLAN



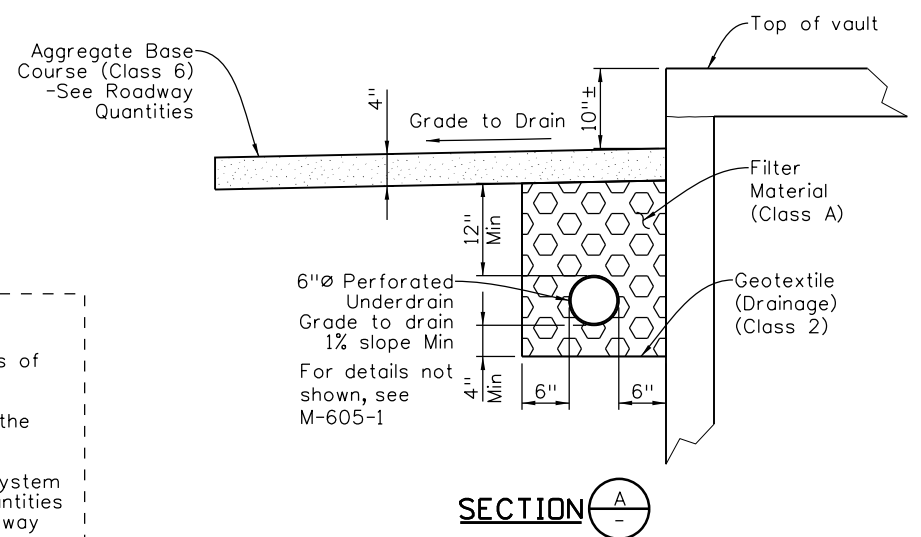
MEDIAN VALVE JUNCTION BOX ON BRIDGE



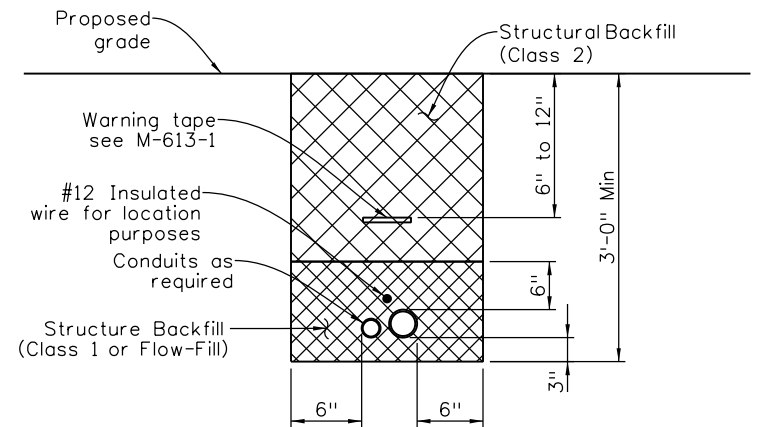
SIDEWALK VALVE JUNCTION BOX ON BRIDGE

DESIGNER/DETAILER:

1. Check with Maintenance for preferred locations of vault.
2. Provide minimum 20'x20' "level" area around the anti-icing vault for refilling activities.
3. For bad drainage areas provide French drain system around vault and drain piping to low area. Quantities will need to be calculated and supplied in Roadway Quantities.
4. Have Geotech do a preliminary drilling if bedrock may be a concern.
5. Tanks that fit through 3' roof opening have a 220 gallon capacity. Max capacity for current layout is 1320 gallons (6 tanks). Revise Project Special Provision and Drawings for capacity required.
6. Revise grading and surfacing per Maintenance requirements. Quantities for surfacing will need to be calculated and supplied in Roadway Quantities.

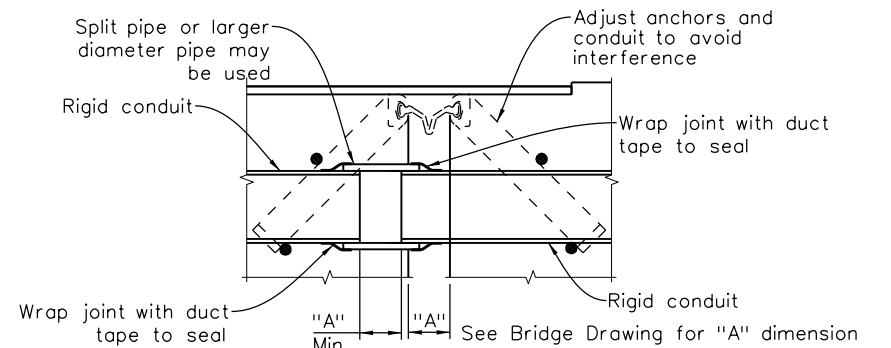


B-614-3



Structure Excavation, Trenching and Structure Backfill (Class 1, 2 or Flow-Fill) will not be paid for separately, but shall be included in the cost of the work

TRENCH DETAIL FOR SERVICE AND SIGNAL LINES BETWEEN VAULT AND BRIDGE



UTILITY CONDUIT DETAIL AT EXPANSION JOINT ON BRIDGE

All seals for this set of drawings are applied to the cover page(s)

Print Date: \$DATE\$
File Name: Sheet_B-614-3.dgn
Horiz. Scale: None Vert. Scale: As Noted
Unit Information Unit Leader Initials

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



2829 West Howard Place, 3rd Floor
Denver, CO 80204
Phone: 303-512-4079
FAX: 303-757-9197

Staff Bridge Branch

Initials

As Constructed

No Revisions:

Revised:

Void:

ANTI-ICING SYSTEM GRADING PLAN & SAMPLE DETAILS

Designer: XXXXXXXX	Structure Numbers	X-XX-XX
Detailer: XXXXXXXX		X-XX-XX
Sheet Subset: BRIDGE	Subset Sheets: BXX of XXX	

Project No./Code

Project Number

Code

Sheet Number