

LOCATION OF BENCH MARK AND BRIDGE PLAQUE

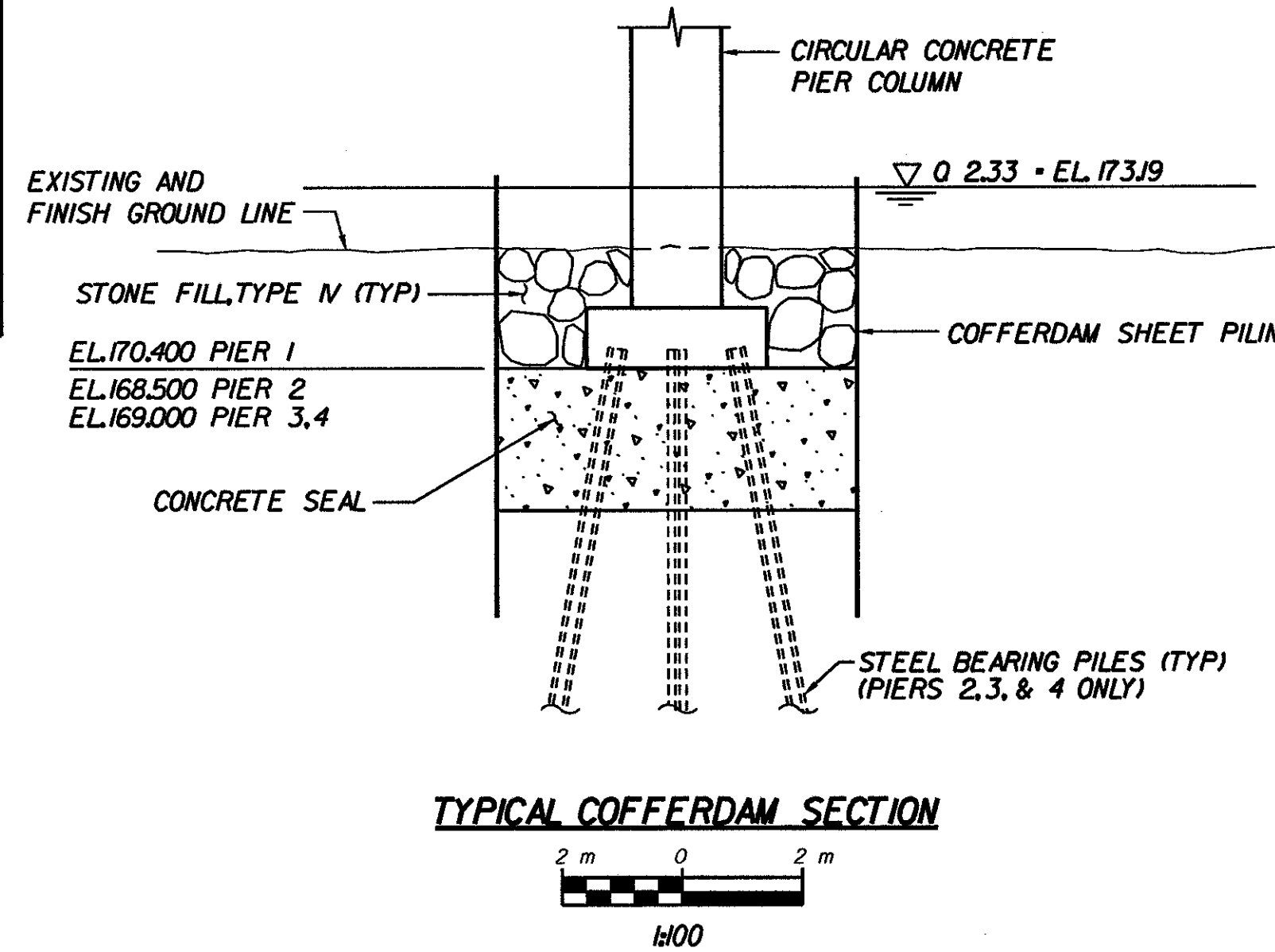
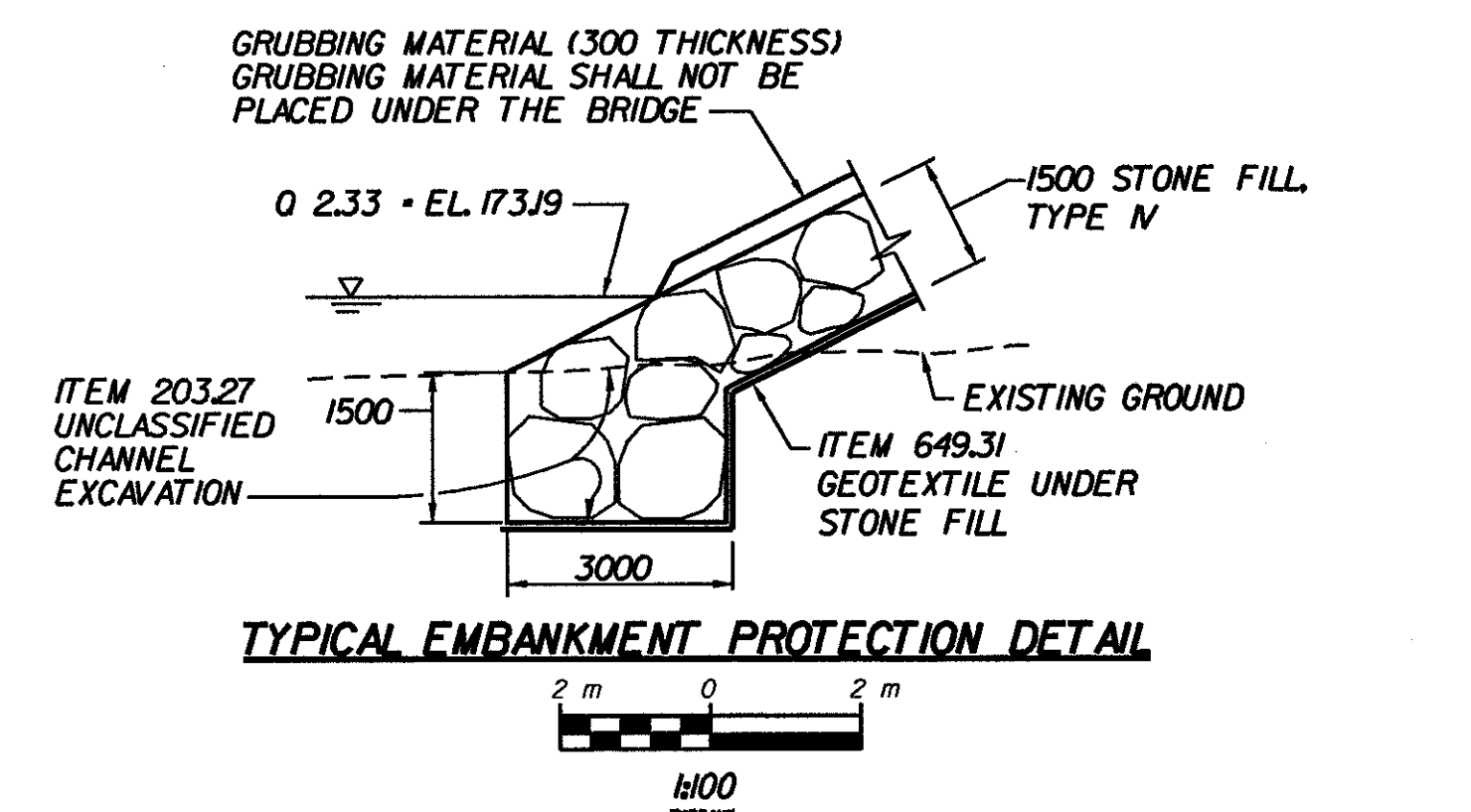
THE BRIDGE PLAQUE AND BENCH MARK WILL BE SUPPLIED BY THE AGENCY OF TRANSPORTATION AND SHALL BE INSTALLED BY THE CONTRACTOR AT ABUTMENT 1 ON THE RIGHT SIDE AS SHOWN OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES:

1. THE FOLLOWING NOTES SHALL APPLY UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION - 1995 (METRIC) AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, (16TH EDITION) AND ITS LATEST REVISIONS.
3. FIELD CONNECTIONS SHALL BE MADE WITH M22, AASHTO M164M, TYPE 3 BOLTS, EXCEPT IN AREAS OF PAINTED STEEL WHERE TYPE 1 GALVANIZED BOLTS SHALL BE USED. HOLES SHALL BE 24 mm DIAMETER. CONNECTIONS NOT DESIGNED SHALL BE DETAILED BY THE FABRICATOR AND SUBMITTED TO THE STATE FOR APPROVAL.
4. ALL WELDING AND DIMENSIONAL TOLERANCES OF WELDED MEMBERS SHALL CONFORM TO THE LATEST ANSI/AASHTO/AWS WELDING CODE AND ITS LATEST REVISIONS.
5. AFTER SUPERSTRUCTURE STEEL HAS BEEN ERECTED, BEAM PROFILES SHALL BE TAKEN. CONCRETE SHALL NOT BE PLACED ABOVE BRIDGE SEAT ELEVATIONS UNTIL AFTER PROFILES ARE COMPLETE TO THE SATISFACTION OF THE ENGINEER.
6. ANY FORM BRACKET HOLES IN FASCIA GIRDER WEBS NOT OTHERWISE FILLED SHALL BE FILLED WITH BUTTON HEAD OR HEX HEAD, AASHTO M164M, TYPE 3 BOLTS, EXCEPT IN AREAS OF PAINTED STEEL WHERE TYPE 1 GALVANIZED BOLTS SHALL BE USED.
7. MINIMUM COVER FOR REINFORCING STEEL IN SUBSTRUCTURE SHALL BE 50 mm ALONG BACK FACES OF WALLS AGAINST EARTH, AND 75 mm ELSEWHERE.
8. REINFORCEMENT PLACEMENT TOLERANCES SHALL BE:
SPACING ± 25 mm
CLEARANCE ± 5 mm
9. DECK CONCRETE SHALL BE "CONCRETE CLASS A", O.A./O.C. CURB CONCRETE SHALL BE "SILICA FUME CONCRETE". COFFERDAM SEALS SHALL BE "CONCRETE CLASS C", ALL OTHER CONCRETE SHALL BE "CONCRETE CLASS B" UNLESS OTHERWISE DESIGNATED ON THE PLANS.
10. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 25 mm BY 25 mm.
11. SURFACES OF BRIDGE SEATS UNDER BEARING DEVICES SHALL BE LEVEL. OTHER BRIDGE SEAT AREAS SHALL BE SLOPED 4%. ABUTMENT SEATS SHALL BE SLOPED FULL WIDTH TOWARD CENTER SPAN. THE ENTIRE BRIDGE SEAT SURFACE SHALL BE SMOOTH WITH FLOAT FINISH AS PER SUBSECTION 501.6.
12. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES EXCEPT THE UNDERSIDE OF DECK BETWEEN DRIP NOTCHES.
13. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL, AND ARE GIVEN AT 20 DEGREES CELSIUS UNLESS OTHERWISE NOTED.
14. JOINTS AND SCORE MARKS SHALL BE CONSTRUCTED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
15. THE KEY IN CONCRETE CONSTRUCTION JOINTS SHALL BE MONOLITHIC AND CONTINUOUS FOR THE FULL LENGTH OF THE JOINT.
16. FILL IN AREAS THROUGH WHICH PILES ARE TO BE DRIVEN SHALL HAVE A MAXIMUM STONE SIZE OF 225 mm.
17. STONE FILL SHALL BE PLACED IN FRONT OF THE ABUTMENTS BEFORE SUPERSTRUCTURE STEEL IS PLACED.
18. FASCIA OVERHANG BRACKET DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR BUT THE MAXIMUM SPACING OF THESE BRACKETS SHALL NOT EXCEED 1200 mm.
19. LIMITS OF IN-STREAM CONSTRUCTION WILL BE AS SPECIFIED IN ALL APPLICABLE PERMITS.

LIST OF BRIDGE SHEETS

BR700	PLAN AND ELEVATION	BR738	CURB DETAILS
BR701	PRELIMINARY INFORMATION & INSTRUMENTATION LAYOUT	BR739	SCUPPER DETAILS
BR702	BRIDGE SECTIONS & STRUCTURE GEOMETRY LAYOUT	BR740	ABUT. 1 PLAN
BR703	GENERAL NOTES & DETAILS	BR741	ABUT. 1 ELEVATION
BR704	BRIDGE QUANTITY SHEET	BR742	ABUT. 1 REINF. DETAILS - 1
BR705	BORING LOCATION PLAN	BR743	ABUT. 1 REINF. DETAILS - 2
BR706 - BR713	SOIL BORING LOGS	BR744	ABUT. 1 REINF. DETAILS - 3
BR714	TYPICAL TRANSVERSE BRIDGE SECTIONS - 1	BR745	ABUT. 2 PLAN
BR715	TYPICAL TRANSVERSE BRIDGE SECTIONS - 2	BR746	ABUT. 2 ELEVATION
BR716	DECK SLAB REINFORCING	BR747	ABUT. 2 REINF. DETAILS - 1
BR717	DECK REINF. DETAILS & PLACEMENT SEQUENCE	BR748	ABUT. 2 REINF. DETAILS - 2
BR718	BRIDGE END SECTION & DETAILS	BR749	ABUT. 2 REINF. DETAILS - 3
BR719 - 723	FRAMING PLANS	BR750	PIER 1 PLAN AND ELEVATION
BR724	CROSSFRAME DETAILS	BR751	PIER 1 SECTIONS & DETAILS
BR725	GIRDER ELEVATION	BR752	PIER 1 COFFERDAM DETAILS
BR726	GIRDER DETAILS	BR753	PIER 2 PLAN AND ELEVATION
BR727	CAMBER DIAGRAM & DEADLOAD DEFLECTIONS	BR754	PIER 2 SECTIONS & DETAILS
BR728	GIRDER SPLICE DETAILS	BR755	PIER 2 PILE PLAN AND COFFERDAM DETAILS
BR729	EXPANSION BEARING DETAILS ABUTMENTS	BR756	PIER 3 PLAN AND ELEVATION
BR730	EXPANSION BEARING DETAILS PIERS 1, 2 AND 4	BR757	PIER 3 SECTIONS & DETAILS
BR731	FIXED BEARING DETAILS PIER 3	BR758	PIER 3 PILE PLAN AND COFFERDAM DETAILS
BR732	BRIDGE EXPANSION JOINT DETAILS - 1	BR759	PIER 4 PLAN AND ELEVATION
BR733	BRIDGE EXPANSION JOINT DETAILS - 2	BR760	PIER 4 SECTIONS & DETAILS
BR734	BRIDGE EXPANSION JOINT DETAILS - 3	BR761	PIER 4 PILE PLAN AND COFFERDAM DETAILS
BR735	BRIDGE EXPANSION JOINT DETAILS - 4	BR762	COFFERDAM DETAILS
BR736	BRIDGE EXPANSION JOINT DETAILS - 5	BR763	REINF. STEEL SCHEDULE - 1
BR737	APPROACH SLAB DETAILS	BR764	REINF. STEEL SCHEDULE - 2



**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	BENNINGTON	Bridge No.	BR700
Highway No.	VT, RTE. 9	Log Sta.	
VT, RTE. 9 OVER SILK ROAD AND WALLOOMSAC RIVER			
GENERAL NOTES & DETAILS			
Designed By	M. GOGUEN	Drawn by	J. HOTALING/B. WEATHERBY
Checked By	D. VIENI	Date	11/99
PROJECT		PROJECT NO.	
BENNINGTON-HOOSICK		D.P.I. 0146(I) C/4	
I.G.C. Info.			
Bridge Sheet No. BR703		Sheet 186 OF 385	