

**GENERAL NOTES**

- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2006, AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SEVENTEENTH EDITION, 2002.
- ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL AND ARE GIVEN AT 20°C, UNLESS OTHERWISE NOTED.
- ALL ON AND OFF PROJECT SIGNS AND BARRICADES AS SHOWN ON THE TRAFFIC CONTROL SHEETS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND PAID FOR UNDER THE ITEM 641.10 "TRAFFIC CONTROL".
- ANY EXISTING SIGNS NOT REUSED SHALL REMAIN THE PROPERTY OF THE TOWN OF BURKE.
- THE BRIDGE PLAQUES SHALL BE FURNISHED BY THE AGENCY OF TRANSPORTATION AND INSTALLED BY THE CONTRACTOR AS SHOWN ON THIS SHEET.
- ITEM 529.15 "REMOVAL OF STRUCTURE" SHALL BE USED FOR REMOVAL OF THE EXISTING SUPERSTRUCTURE AND ANY PORTION OF THE SUBSTRUCTURE NOT REMOVED UNDER THE ITEM 208.35 "COFFERDAM EXCAVATION, ROCK" OR ITEM 203.27 "UNCLASSIFIED CHANNEL EXCAVATION."
- TRAFFIC FOR BR. 16 SHALL BE MAINTAINED USING THE EXISTING STRUCTURE. TRAFFIC FOR BR. 17 SHALL BE MAINTAINED ON A ONE-WAY TEMPORARY BRIDGE LOCATED UPSTREAM OF THE STRUCTURE. THE APPROACHES TO THE TEMPORARY BRIDGE SHALL BE PAVED.
- "STONE FILL TYPE III" SHALL BE PLACED IN FRONT OF THE ABUTMENTS BEFORE THE SLAB IS POURED.
- THE ITEM "STONE FILL TYPE I" SHALL BE USED AS SHOWN ON THE PLANS TO PREVENT EROSION BEHIND WINGWALLS.

**CONCRETE NOTES**

- DECK CONCRETE SHALL BE HIGH PERFORMANCE CONCRETE, CLASS A. THE CONCRETE CURB ON THE BRIDGE DECKS SHALL BE HIGH PERFORMANCE CONCRETE, CLASS A. ALL OTHER CONCRETE SHALL BE HIGH PERFORMANCE CONCRETE, CLASS B.
- REINFORCING STEEL PLACEMENT TOLERANCE SHALL BE AS FOLLOWS:  
 SPACING +/- 25mm  
 CLEARANCE +/- 6mm
- ALL REINFORCING STEEL IN THE CONCRETE BRIDGE SLAB, CURBS, AND APPROACH SLABS SHALL BE EPOXY COATED AND PAID FOR UNDER THE ITEM 507.17.
- THE MINIMUM COVER FOR REINFORCING STEEL IN THE SUBSTRUCTURES SHALL BE 50mm ALONG WALL FACES AGAINST EARTH, AND 80mm ELSEWHERE UNLESS DETAILED OTHERWISE.
- ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 25mm X 25mm.
- JOINTS AND SCORE MARKS IN THE CONCRETE SHALL BE CONSTRUCTED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- CONCRETE PORTIONS OF THE ABUTMENT AND WINGWALL ABOVE THE ADJACENT BRIDGE SEAT ELEVATIONS SHALL NOT BE PLACED UNTIL THE FINISH GRADE HAS BEEN DETERMINED BY THE RESIDENT ENGINEER.
- THE KEY IN THE CONCRETE CONSTRUCTION JOINTS SHALL BE MONOLITHIC AND CONTINUOUS FOR THE FULL LENGTH OF THE JOINT. UPWARD KEYS SHALL BE PLACED INTEGRALLY WITH THE CONCRETE BELOW THE JOINT.
- WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES EXCEPT THE UNDERSIDE OF THE SLAB BETWEEN DRIP NOTCHES.

**MISCELLANEOUS NOTES**

- TWO 25mm DIAMETER APPLE TREES SHALL BE PLANTED BETWEEN STA 2+100.00 AND STA 2+135.00 RT ON THE MATTEIS PROPERTY. THEY SHALL BE PAID FOR UNDER ITEM 656.30 "DECIDUOUS TREES (MALUS DOMESTICA)". THE LOCATION IS TO BE OUTSIDE THE RIGHT-OF-WAY AND VERIFIED BY THE PROPERTY OWNER AND RESIDENT ENGINEER.
- CONSTRUCT A NEW DRIVE WITH A PAVED APRON, 3.6m WIDE, AT STA 2+087.00 ON THE MATTEIS PROPERTY. THE LOCATION SHALL BE VERIFIED BY THE PROPERTY OWNER AND THE RESIDENT ENGINEER PRIOR TO CONSTRUCTION.
- ITEM 621.215 HD STEEL BEAM GUARD RAIL, GALVANIZED, WITH 2.4 m POSTS SHALL BE USED FROM STATION 2+154.20 (RT) TO 2+233.20 (RT). THE POSTS IN THIS SECTION SHALL BE DRIVEN 300 mm DEEPER SO THAT THE DISTANCE BETWEEN THE FACE OF RAIL TO THE ROADWAY SIDE SLOPE CAN BE REDUCED TO 600 mm TO MINIMIZE IMPACTS TO THE WETLANDS.
- SUBBASE TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY ACCORDING TO SUBSECTION 301.06.
- WINGWALL #3 AND ITS FOOTING SHALL BE CONSTRUCTED AFTER TRAFFIC HAS BEEN RE-ROUTED ONTO THE NEW BRIDGE. THE COFFERDAM CONSTRUCTION FOR WINGWALL #3 SHALL BE INCLUDED UNDER THE ITEM 208.40 "COFFERDAM (STA 2+156.400)". ANY TEMPORARY TRAFFIC BARRIER NEEDED TO PROTECT TRAFFIC FROM WINGWALL #3 CONSTRUCTION SHALL BE PAID FOR UNDER ITEM 641.10 "TRAFFIC CONTROL".

**SEEDING FORMULA  
RURAL AREAS**

% WT.	kg/ha	NAME	PUR %	GERM %
37.5	26.0	CREEPING RED FESCUE	98	85
37.5	26.0	TALL FESCUE	95	90
5.0	4.0	RED TOP	95	90
15.0	10.0	BIRDSFOOT TREFOIL	98	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.0	70.0			

**SEEDING GENERAL NOTES**

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

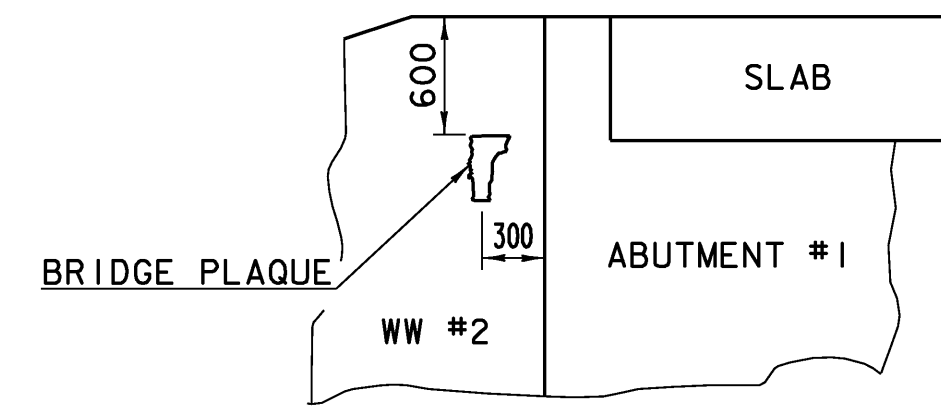
SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

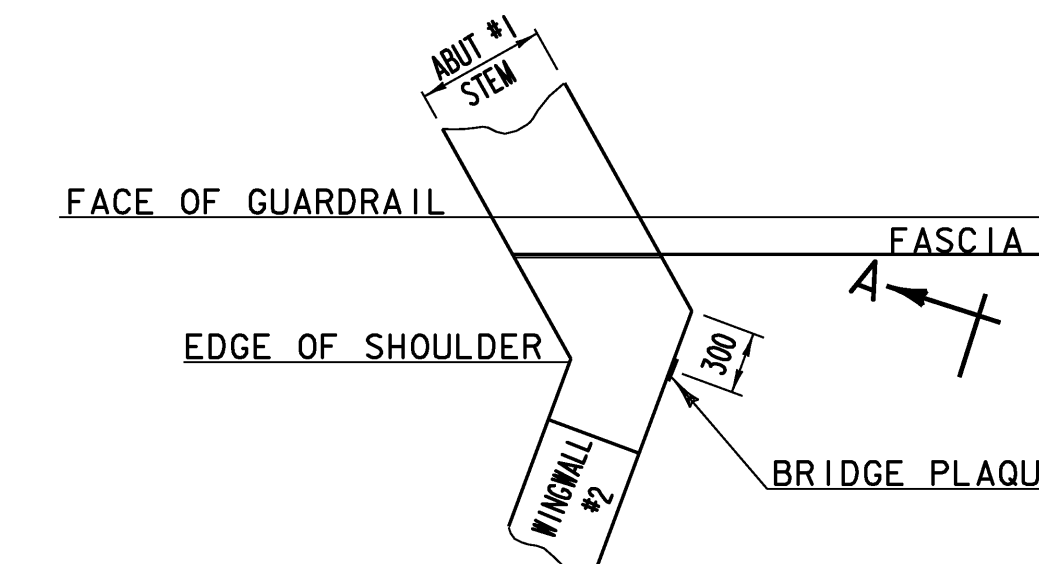
TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.



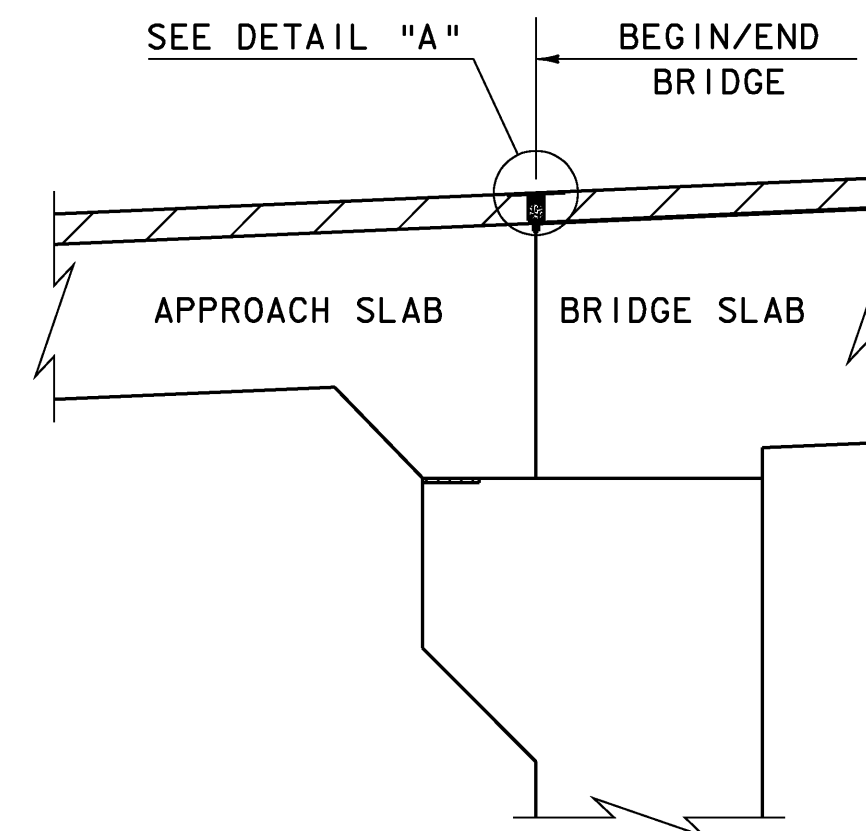
**VIEW "A - A"**  
NTS

**LOCATE BRIDGE PLAQUE**  
NTS

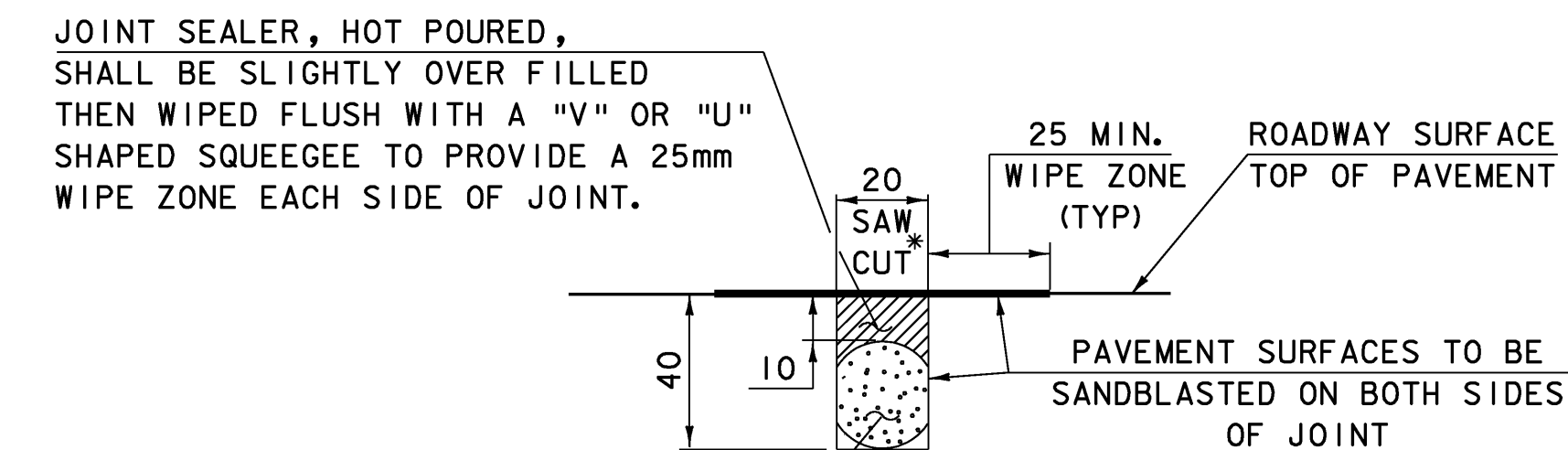
THE BRIDGE PLAQUE WILL BE SUPPLIED BY THE AGENCY OF TRANSPORTATION AND SHALL BE INSTALLED BY THE CONTRACTOR AT ABUTMENT #1 ON THE RIGHT SIDE AS SHOWN OR AS DIRECTED BY THE ENGINEER.



**PLAN**  
NTS



**DETAIL FOR JOINT AT  
BEGIN & END BRIDGE**  
NTS



22mm Ø HEAT RESISTANT FOAM BACKER ROD, COMPRESSION FIT REQUIRED TO INSURE THAT THE ROD POSITION IS MAINTAINED DURING FILLING OPERATION. COST TO BE INCLUDED WITH UNIT PRICE BID FOR JOINT SEALER.

6.5mm WIDE X 13mm SAW CUT INTO BOTTOM COURSE OF PAVEMENT TO BE MADE DURING THE SAME WORKDAY AS PLACEMENT.

**DETAIL "A"**  
NTS

\* JOINT IS TO BE LOCATED ACCURATELY BY STRING LINING, OR OTHER MEANS, PRIOR TO PAVING, SO THAT THE SAW CUTS WILL BE MADE DIRECTLY OVER THE END OF CONCRETE DECK. JOINT SHALL BE CUT DRY IN A SINGLE PASS AND BE SEALED WITHIN 24 HOURS OR PRIOR TO EXPOSURE TO TRAFFIC. JOINT SHALL BE CLEANED PRIOR TO APPLYING THE JOINT SEALER. SEE VT. SPECIFICATION 524. ALL WORK FOR SAW CUT JOINT TO BE INCIDENTAL TO ITEM 524.11 "JOINT SEALER, HOT POURED".

PROJECT: <b>BURKE</b>	PROJECT NO. : <b>BRZ 1447 (15)</b>
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GENERAL NOTES & MISC. DETAILS	