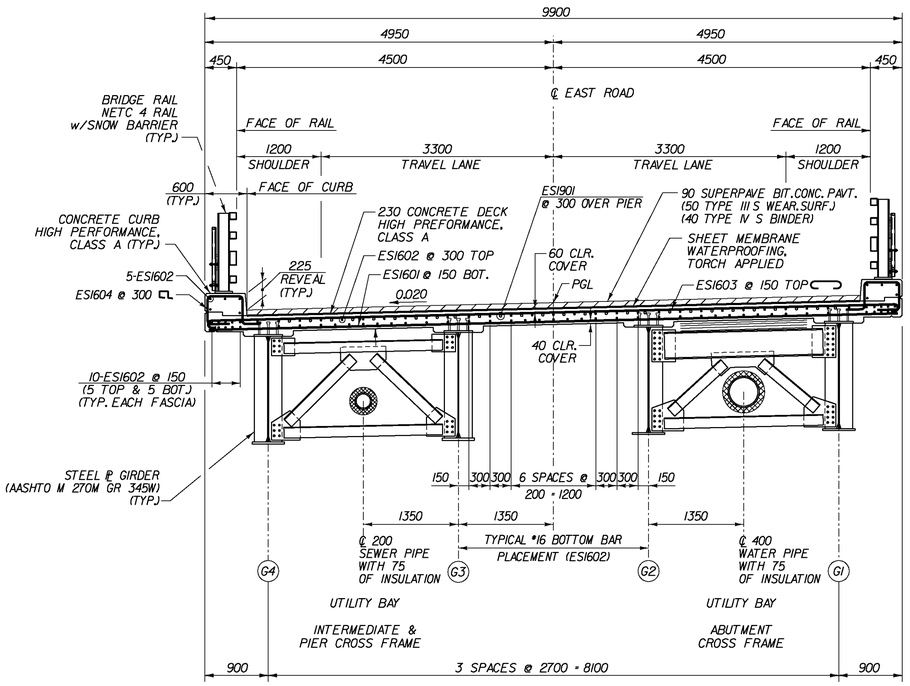
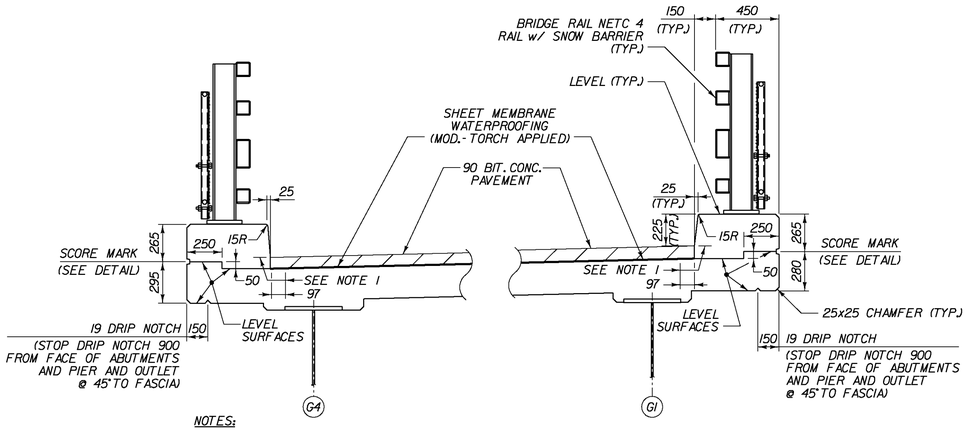


NOTE: ALL DIMENSIONS ARE RADIAL AND CONCENTRIC WITH ℄ EAST ROAD.

TYPICAL BRIDGE SECTION – VEHICLE

SCALE 1:40

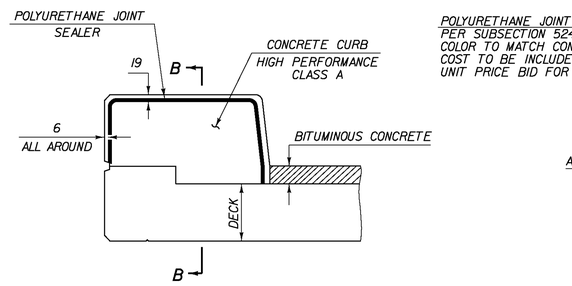


NOTES:

1. INDICATES AREA ALONG THE DECK AND UP THE FACE OF THE CURB FOR PLACEMENT OF 2 COATS OF POLYURETHANE MEMBRANE.
2. POLYURETHANE MEMBRANE AND BLAST CLEANING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SHEET MEMBRANE WATERPROOFING,TORCH APPLIED.
3. SHEET MEMBRANE WATERPROOFING,TORCH APPLIED SHALL EXTEND TO THE FACE OF THE CURB AS SHOWN.
4. BLAST CLEAN 900 FROM THE FACE OF THE CURB AND 75 UP THE CURB FACE PRIOR TO PLACING MEMBRANE.
5. ALL CONCRETE IN THE CURB SHALL BE CONCRETE,HIGH PERFORMANCE CLASS A.

TYPICAL CURB SECTION

SCALE 1:20

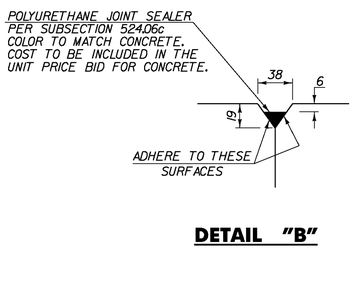


TYPICAL SECTION THROUGH CONCRETE CURB CONSTRUCTION JOINT

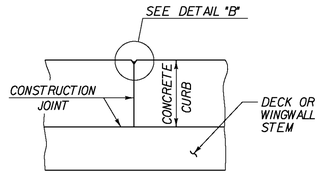
NOT TO SCALE

NOTES:

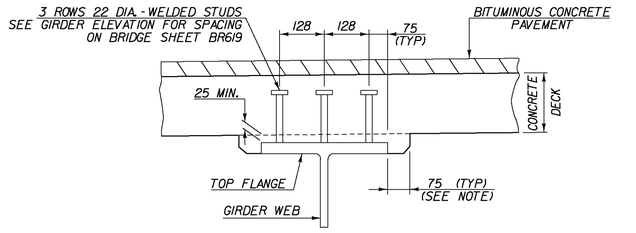
1. CONSTRUCTION JOINTS THROUGH CONCRETE CURBS SHALL BE SPACED MAXIMUM 4500 CENTER TO CENTER AND SHALL BE 450 MINIMUM FROM THE CENTER OF THE NEAREST BRIDGE RAIL POST. CONCRETE SHALL BE PLACED IN ALTERNATING SECTIONS WITH A MINIMUM OF 48 HOURS DELAY BETWEEN ADJACENT POURS.
2. LONGITUDINAL REINFORCING SHALL PASS THROUGH CONCRETE CURB CONSTRUCTION JOINTS.
3. PLACE SECTIONS OF CURB WITHIN THE POSITIVE MOMENT REGION (POUR 1 & POUR 2) PRIOR TO PLACING SECTIONS OF CURB WITHIN THE NEGATIVE MOMENT REGION (POUR 3). REFER TO DECK POUR SEQUENCE ON BRIDGE SHT.BR618.



DETAIL "B"



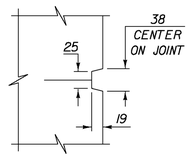
SECTION B – B



NOTE: THE 75 HORIZONTAL SECTION MAY BE ELIMINATED FOR FORMING SYSTEMS DESIGNED FOR THE CONSTRUCTION OF VERTICAL HAUNCHES. SYSTEMS SHALL BE SUBMITTED FOR APPROVAL TO THE STRUCTURES ENGINEER. ANY VOIDS RESULTING FROM THIS FORMING SYSTEM SHALL BE FILLED WITH MORTAR,TYPE IV OR AN EQUIVALENT PRODUCT FROM THE APPROVED PRODUCTS LIST.

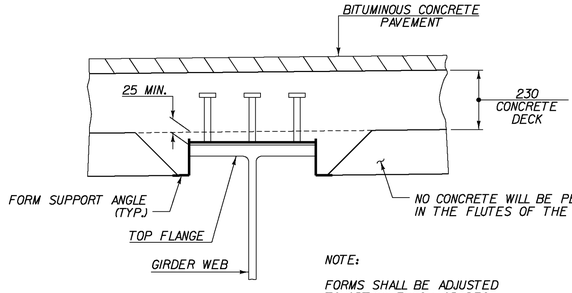
HAUNCH AND SHEAR CONNECTOR DETAILS

NOT TO SCALE



SCORE MARK DETAIL

NOT TO SCALE



NOTE:

FORMS SHALL BE ADJUSTED TO OBTAIN FINISH GRADES REQUIRED ON PLANS.

ALTERNATE HAUNCH DETAIL (STAY-IN-PLACE FORMS)

NOT TO SCALE

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No. BII
Highway No. TH 5	Log Sta. / Surv. Sta.

EAST ROAD OVER VT ROUTE 279

TYPICAL BRIDGE SECTION

Designed By T. KNIGHT	Drawn By J. SOTER
Checked By S. BURBANK Date 03/06	Bridge Design Supervisor G. BOGUE Date 03/07
PROJECT BENNINGTON	PROJECT NO. AC NH 019-1(53)
Dgn.: ...\Design\ER\ER-TypSec.dgn	Plot Date: 5/25/2011
Bridge Sheet No. BR617	Sheet 264 of 577

Stantec

V:\953\active\95300002\transportation\structural\Design\ER\ER-TypSec.dgn