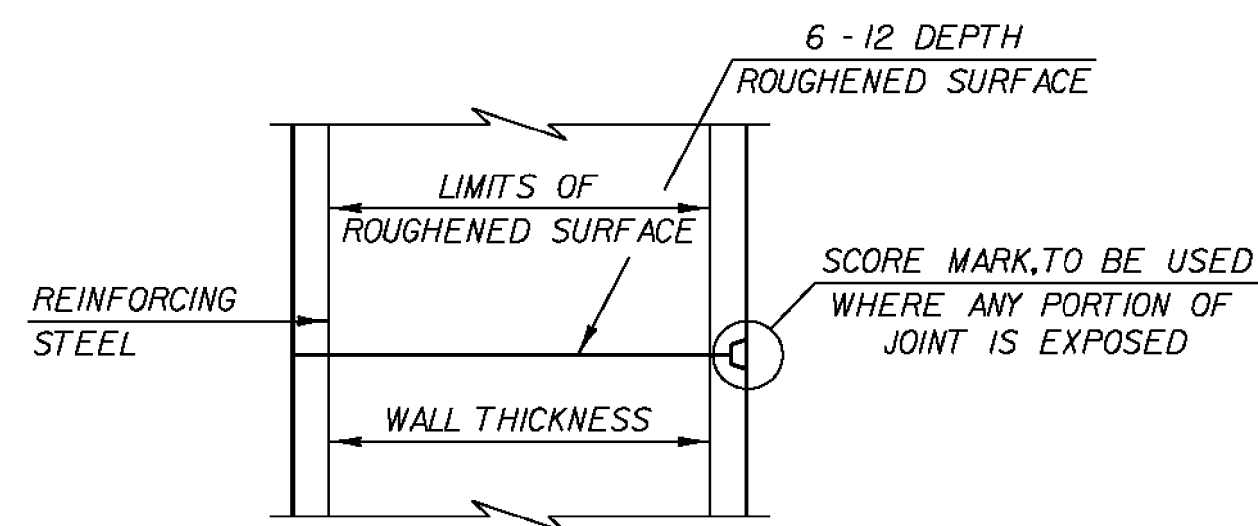


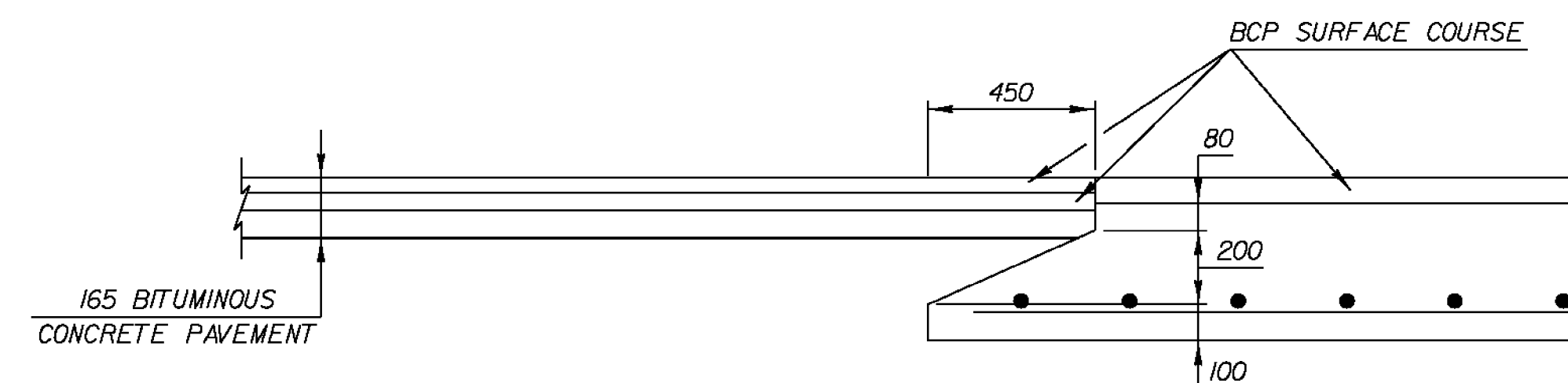
**TRANSVERSE BRIDGE SLAB
CONSTRUCTION JOINT DETAILS**
NTS

APPLY EPOXY BONDING COMPOUND BEFORE PLACING NEW CONCRETE. INCLUDE WITH COST BID FOR CONCRETE

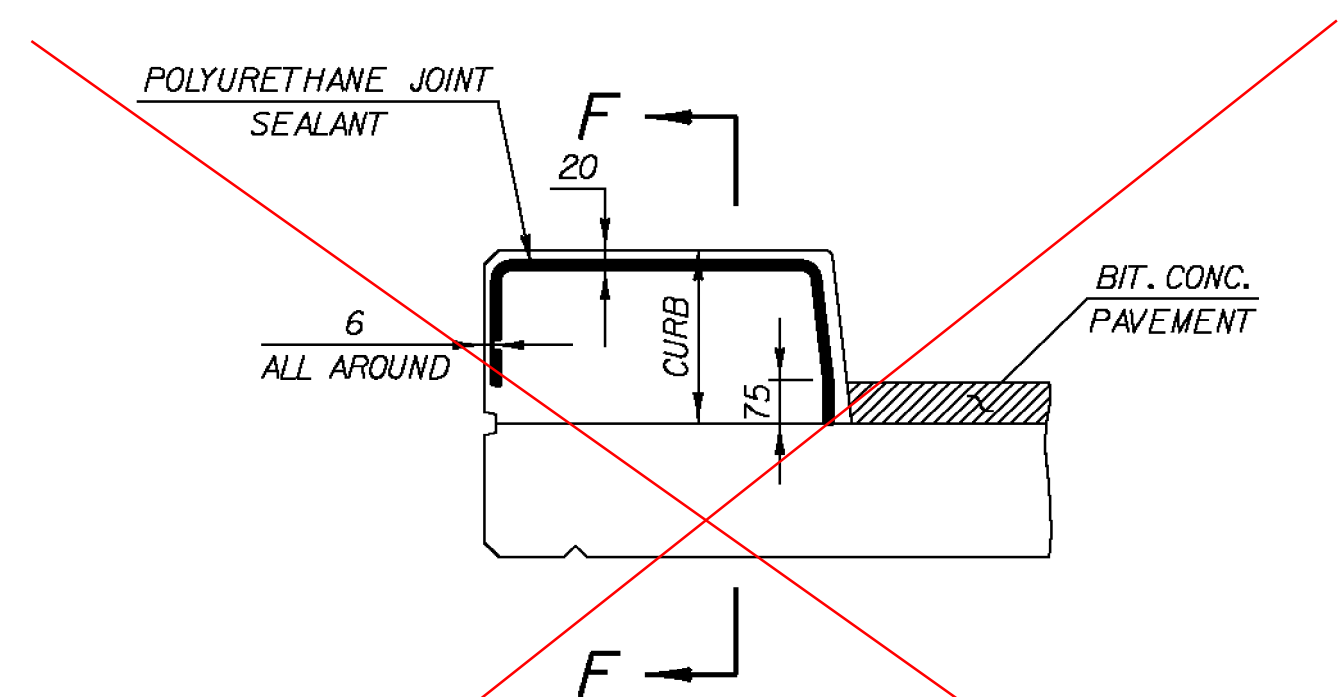


TYPICAL HORIZONTAL CONSTRUCTION JOINT
NTS

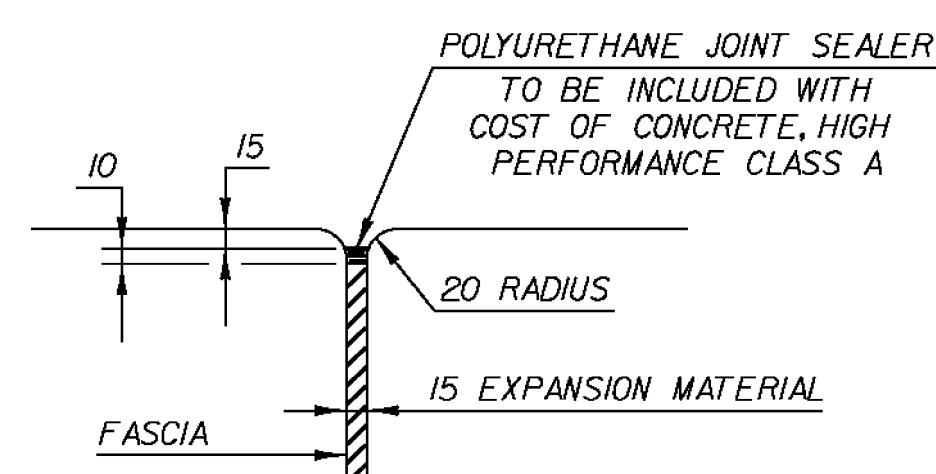
1. THE SURFACE OF THE CONCRETE CONSTRUCTION JOINTS SHALL BE CLEANED AND FREE OF LAITANCE.
2. IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, ALL CONSTRUCTION JOINTS SHALL BE WETTED AND STANDING WATER REMOVED.



**APPROACH SLAB
EXPANSION JOINT DETAIL**
NTS

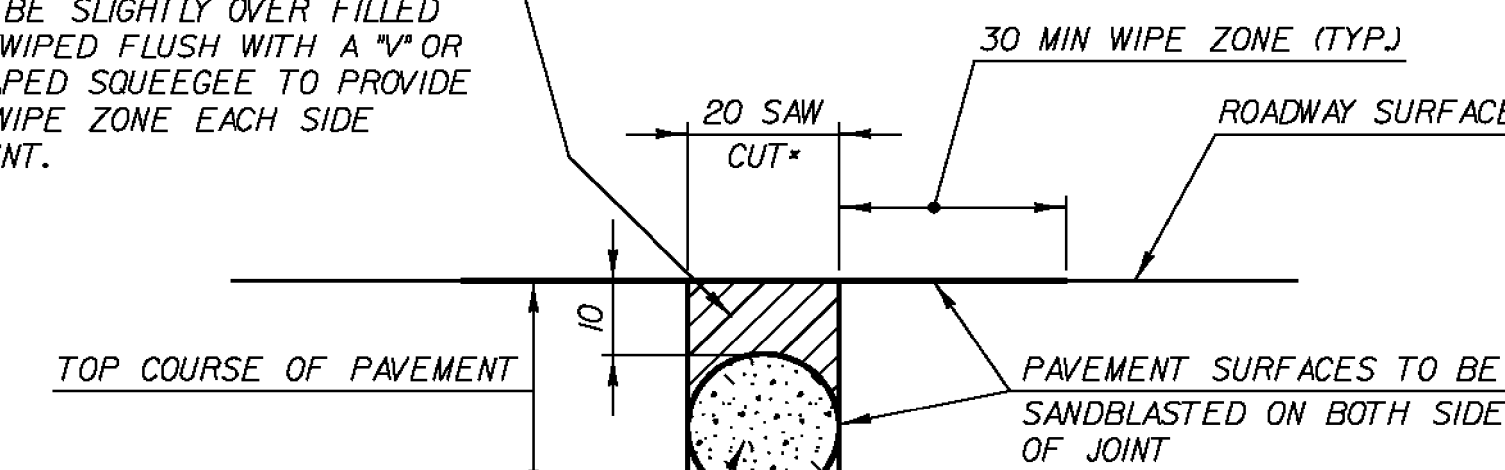


**TYPICAL SECTION THROUGH
CONCRETE CURB CONSTRUCTION JOINT**
NTS



**JOINT BETWEEN FASCIA
AND WINGWALL**
NTS

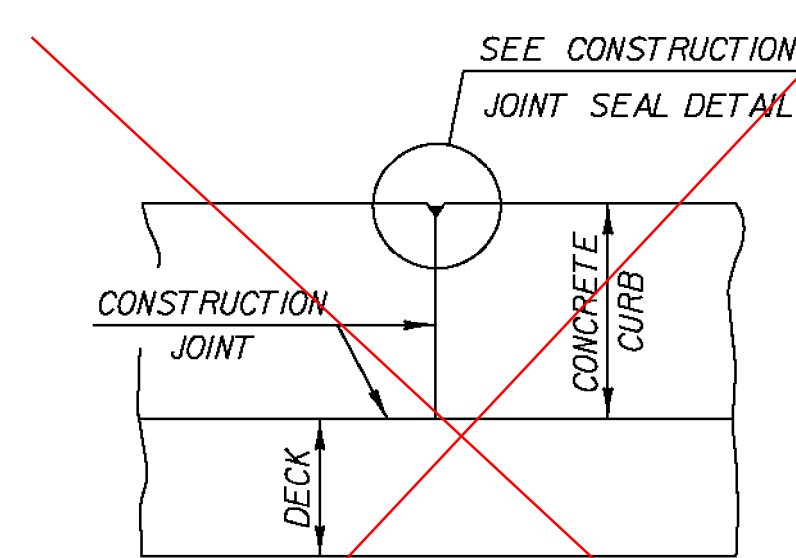
JOINT SEALER, HOT OR COLD POURED, SHALL BE SLIGHTLY OVER FILLED THEN WIPED FLUSH WITH A "V" OR "U" SHAPED SQUEEGEE TO PROVIDE A 30 WIPE ZONE EACH SIDE OF JOINT.



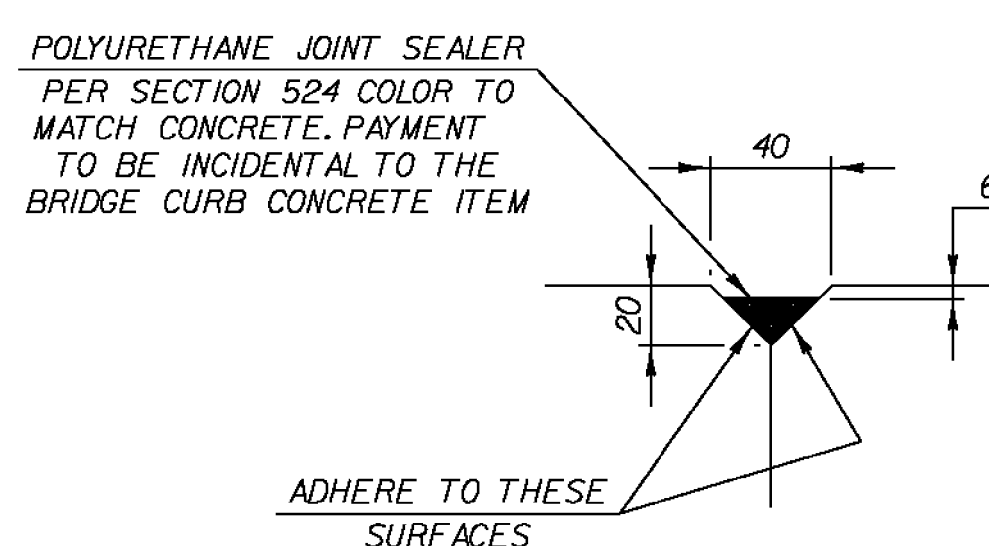
SAWED PAVEMENT JOINT DETAIL
NTS

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

6 WIDE x 12 DEEP SAW CUT INTO BOTTOM COURSE OF PAVEMENT TO BE MADE DURING THE SAME WORKDAY AS PLACEMENT.



SECTION F-F
NTS



CONSTRUCTION JOINT SEAL
NTS

NOTES:

1. CONCRETE CURBS MAY BE PLACED IN ONE CONTINUOUS OPERATION. IF AN APPROVED SHRINKAGE REDUCING ADMIXTURE LISTED IN THE SPECIAL PROVISIONS IS USED WITH THE CONCRETE MIX DESIGN, PAYMENT FOR THE SHRINKAGE REDUCING ADMIXTURE WILL BE INCIDENTAL TO THE BRIDGE CURB CONCRETE ITEM.
2. IF THE CONTRACTOR CHOOSES NOT TO USE AN APPROVED SHRINKAGE REDUCING ADMIXTURE, THE CURBS SHALL BE CONSTRUCTED WITH CONSTRUCTION JOINTS SPACED AT A MAXIMUM OF 4.570 CENTER TO CENTER AND 610 MINIMUM FROM THE CENTER OF THE NEAREST BRIDGE RAILING POST.
3. WHEN CURB JOINTS ARE USED THE CURBS SHALL BE PLACED IN ALTERNATE SECTIONS WITH A MINIMUM OF 48 HOUR DELAY BETWEEN ADJACENT PLACEMENTS.
4. LONGITUDINAL REINFORCING SHALL BE CONTINUOUS THROUGH CURB CONSTRUCTION JOINTS. CURB STIRRUPS BARS SHALL BE TURNED AS NECESSARY TO MAINTAIN COVER IN THE FLARED CURB ENDS.

DATUM	
VERTICAL	NAVDB8
HORIZONTAL	NADB3(92)

PROJECT NAME:	CORNWALL	PLOT DATE:	3/16/2010
PROJECT NUMBER:	BRS 0172(6)	DRAWN BY:	P. GREENBERG
FILE NAME:	z85e042brddet.dgn	DESIGNED BY:	M. CRUZ
PROJECT LEADER:	MARTHA EVANS-MONGEON	CHECKED BY:	M. CRUZ
JOINT DETAILS		SHEET	100 OF 144