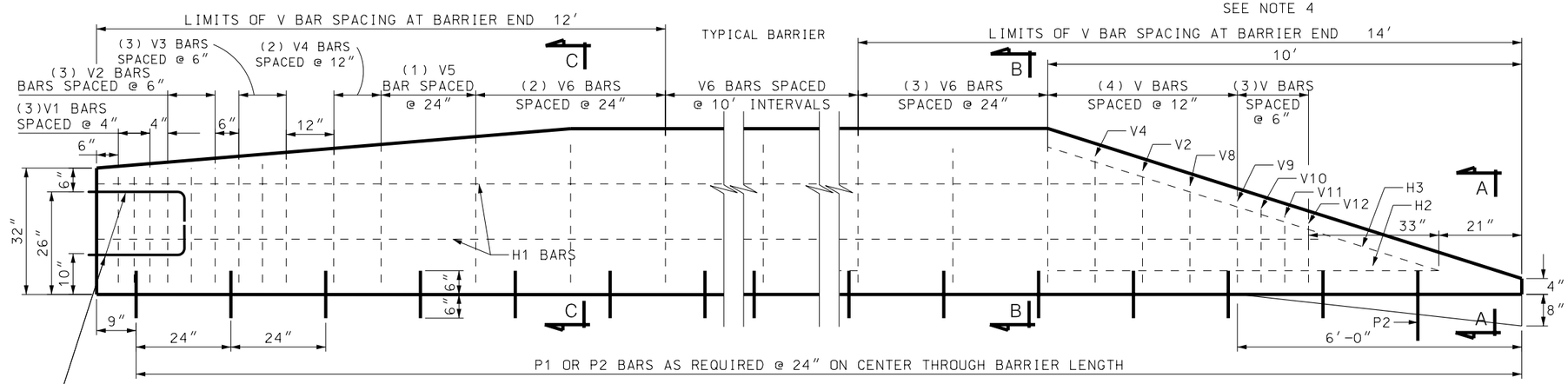
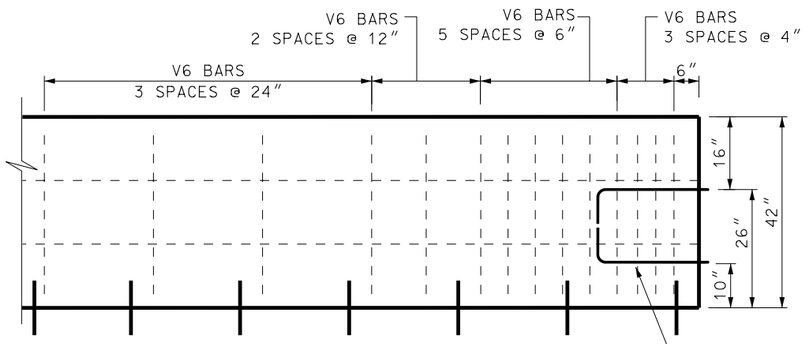
APPROACH END (A)
SEE NOTE 4

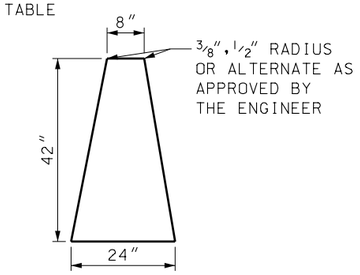
SLOPED TRAILING END (B) OPTION 1
SEE NOTE 4



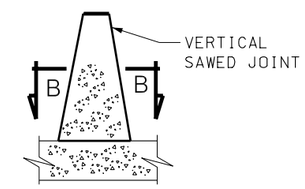
ELEVATION
SEE STD DWG BA 3A2 FOR CROSS SECTIONS AND REINFORCING STEEL TABLE



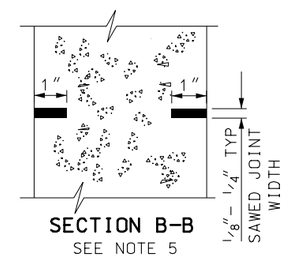
TRAILING END (C) OPTION 2
SEE NOTES 4 & 6



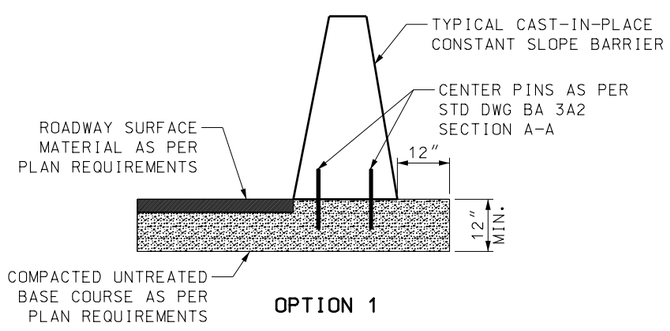
TYPICAL SECTION



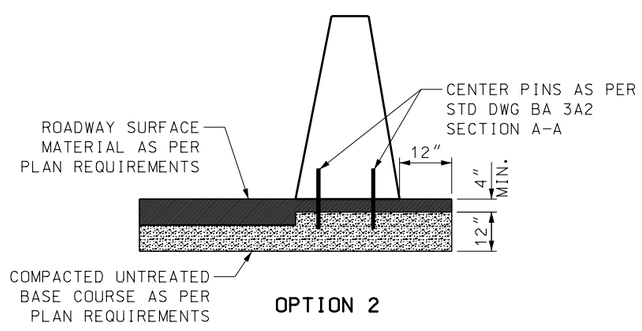
SECTION THROUGH SAWED JOINT
SEE NOTE 5



SECTION B–B
SEE NOTE 5



OPTION 1



OPTION 2

SUB-BASE REQUIREMENTS

NOTES:

1. THE ENGINEER APPROVES CONTRACTOR DEVISED METHOD OF POSITIONING THE LONGITUDINAL REINFORCING STEEL +/– 1/2″ AS DIMENSIONED.
2. DO NOT USE TO SUPPORT HIGHWAY LIGHTING POLES. ADDITIONAL SUPPORT DETAILS REQUIRED.
3. DO NOT USE BARRIER FOR BRIDGE APPLICATIONS.
4. CHOOSE APPROPRIATE END TREATMENT:
   A. CONSTRUCT APPROACH END AS PER DETAIL APPROACH END (A) WHEN CRASH CUSHION INSTALLATION IS REQUIRED.
   B. CONSTRUCT TRAILING END AS PER DETAIL APPROACH END (A) WHEN CRASH CUSHION INSTALLATION IS REQUIRED.
   C. CONSTRUCT SLOPED TRAILING END (B) WHEN BARRIER END DOES NOT REQUIRE A CRASH CUSHION, IS OUTSIDE THE MINIMUM REQUIRED CLEAR ZONE, BUT IS WITHIN 1.2 TIMES THE MINIMUM REQUIRED CLEAR ZONE OF APPROACH TRAFFIC.
   D. USE OF SLOPED END PERMITTED FOR APPROACH TRAFFIC WHEN DESIGN SPEED IS 40 MPH OR LESS.
   E. FULL HEIGHT BARRIER, TRAILING END OPTION (C), IS ACCEPTABLE WHEN THE END IS OUTSIDE THE 1.2 TIMES MINIMUM REQUIRED CLEAR ZONE OF APPROACH TRAFFIC.
5. SAW CONTRACTION JOINTS AT PAVEMENT TRANSVERSE JOINTS. WHEN INSTALLED WITH ASPHALT PAVEMENT SAW CONTRACTION JOINTS AT 15 FOOT INTERVALS. ADJUST REBAR AT JOINT TO MAINTAIN MINIMUM 2 INCH OFFSET BETWEEN REBAR AND JOINT.
6. V6 BARS PER TRAILING END OPTION 2 AT BOTH SIDES OF CONSTRUCTION JOINT.
7. USE COATED REINFORCEMENT STEEL.
8. USE CLASS AA(AE) CONCRETE.

REVISIONS

NO.	DATE	APPR.	REMARKS
1	11/30/06	G.S.	NEW DRAWING. SPLIT BA 3 INTO 2 DRAWINGS, ADDED SUBBASE REQUIREMENTS, X CONNECTION NOTE OPTION C. BA 3 DELETED.

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL — NOV. 30, 2006 DATE
CHAIRMAN STANDARDS COMMITTEE APPROVED — NOV. 30, 2006 DATE
DEPUTY DIRECTOR

CAST IN PLACE CONSTANT SLOPE BARRIER
STANDARD DRAWING TITLE

STD DWG
BA 3A1

DGN File: L:\Standard Drawings\Imperial\2005Approved\xChangeBApproved\BA03A1.dgn
18-DEC-2006