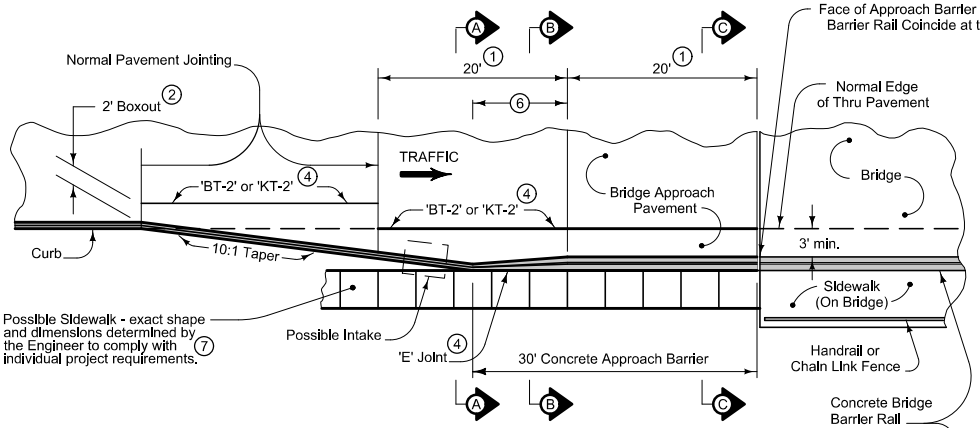
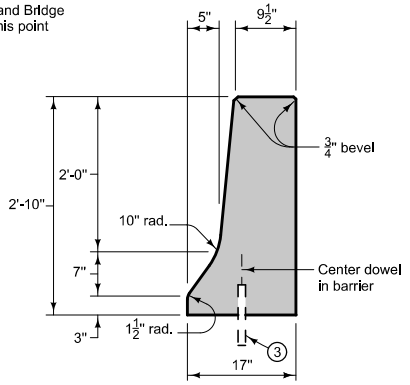
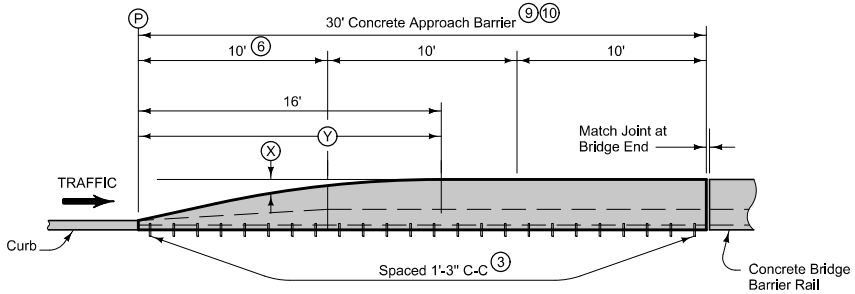


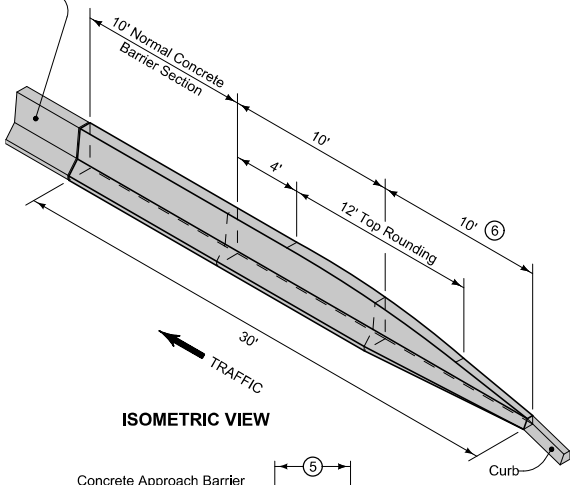
PLAN



FULL BARRIER RAIL SECTION

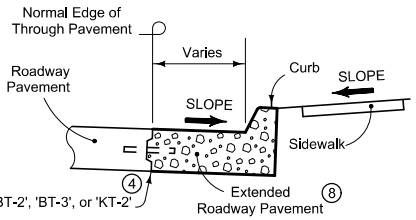


ELEVATION

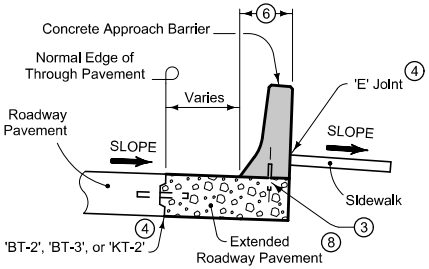


ISOMETRIC VIEW

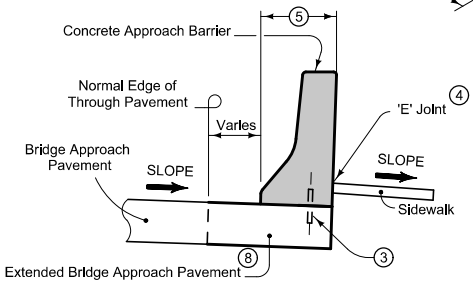
OFFSETS FOR ROUNDED BARRIER TOP																
Y = Distance from (P)	ft.	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0
X = Offset to Rounded Top	ft.	2.13	1.91	1.70	1.48	1.26	1.06	0.87	0.70	0.54	0.42	0.30	0.20	0.12	0.06	0.02	0.00



SECTION A-A



SECTION B-B



SECTION C-C

Install a 'C' joint in concrete approach barrier to match the location of each joint in both roadway and bridge approach pavement.

(1) Typical joint spacing and location. Specific project requirements shall be as directed by the Engineer.

(2) Match boxout width to existing curb and gutter joint. Use 2 foot wide boxout where curb and gutter are not constructed.

(3) #8 x 8 inch deformed bars or 1 inch diameter smooth.

(4) For joint detail, see PV-101.

(5) Bottom width of barrier is maintained at 17 inches.

(6) Bottom width of barrier transitions from 8 to 17 inches.

(7) Required sidewalk will be measured and paid for separately.

(8) Additional concrete quantity required for extended roadway pavement will be included in roadway paving quantity.

(9) Place no delineator or object marker in front of, or on, the barrier.

(10) Approximately 2.0 cubic yards of concrete are required to construct barrier as shown. Amount may vary depending on individual site requirements.

Possible Contract Item:
Concrete Barrier, Tapered End, BA-108

Possible Tabulation:
108-18B

Iowa Department of Transportation

REVISION
1 | 04-19-11

STANDARD ROAD PLAN

BA-108

SHEET 1 of 1

REVISIONS: Changed title to remove reference to speed.

Deanna Maifield
APPROVED BY DESIGN METHODS ENGINEER

CONCRETE BARRIER TAPERED END SECTION