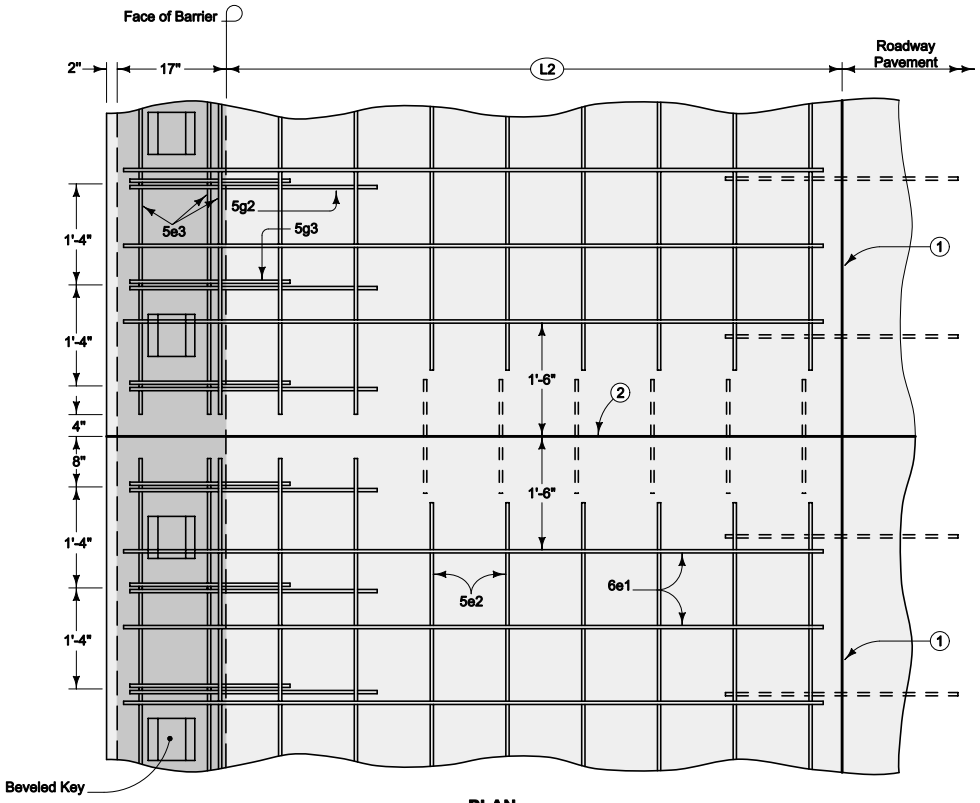
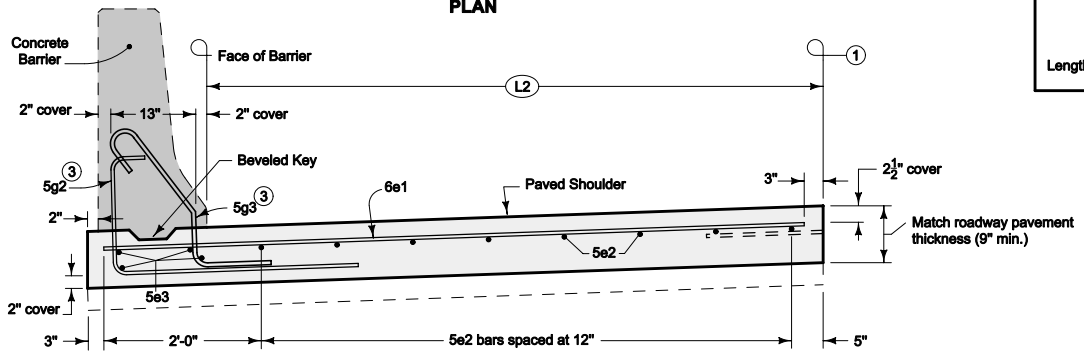


PLAN



TYPICAL SECTION

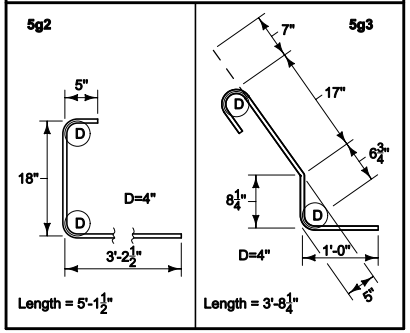
REINFORCING BAR LIST
Per Shoulder Panel (Approximately 20 Linear Feet)

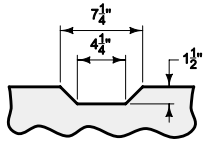
L2	Bar	Number of Bars	Length	Spacing
4'	6e1	18	5'-1"	12"
	5e2	4	18'-0"	12"
6'	6e1	18	7'-1"	12"
	5e2	6	18'-0"	12"
8'	6e1	18	9'-1"	12"
	5e2	8	18'-0"	12"
10'	6e1	18	11'-1"	12"
	5e2	10	18'-0"	12"
12'	6e1	18	13'-1"	12"
	5e2	12	18'-0"	12"
Applies to all Shoulder Widths	5e3	4	18'-8"	See Drawing
	5g2 ③	15	5'-1½"	1'-4"
	5g2 ③	15	3'-8¼"	1'-4"

ESTIMATED SHOULDER QUANTITIES
Per Linear Foot

	L2				
	4'	6'	8'	10'	12'
Concrete Sq. Yds.	0.62	0.84	1.06	1.29	1.51

BENT BAR DETAILS





BEVELED KEY

Use 2 x 8 lumber 8" long to make keys.
Place keys at 2'-8" centers.

① 'L-2' or 'KT-2' joint. When roadway pavement is existing, use 'BT-3' joint. See PV-1.

② 'CD' joint. Match roadway joint locations. See PV-1. No 'CD' joint baskets required within 4' of outside edge of shoulder.

③ When shoulder will be located under a concrete barrier end section, replace 5g2 and 5g3 bars with reinforcement as shown on BA-107.

Possible Contract Item:
Reinforced Paved Shoulder

Possible Tabulation:
108-18B

Iowa Department of Transportation

REVISION: New 04-20-10

STANDARD ROAD PLAN

BA-106

SHEET 1 of 1

REVISIONS: New. Replaces RE-44J.

Deanna Maifield
APPROVED BY DESIGN METHODS ENGINEER

REINFORCED PAVED SHOULDER FOR CONCRETE BARRIER