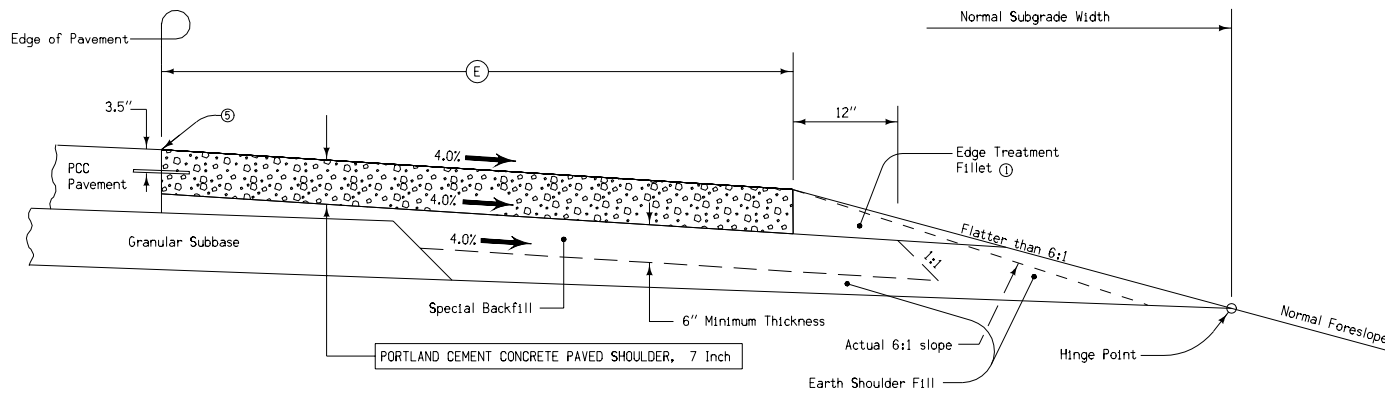


TYPICAL SECTION  
HOT MIX ASPHALT PAVED SHOULDER



TYPICAL SECTION  
P.C. CONCRETE PAVED SHOULDER

# GENERAL NOTES:

Payment for "Special Backfill" shall be based on a uniform 6 inch thickness. The thickness may be exceeded at the Contractor's option with no compensation for the additional material.

- Refer to the appropriate Detail Drawing.
- Rates indicated are for design purposes. Quantities listed are for one shoulder per station.
- Quantities shown are based on a design weight of 145 lbs/cu. ft. for Hot Mix Asphalt Mixture (1,000,000 ESAL), Base course, 1/2" or 3/4" mix, with an asphalt content of 6%. Asphalt Binder PG58-28 shall be utilized with this mix.
- Includes quantity for tack coating vertical face of adjacent pavement prior to placement of any base material. Tack Coat estimated at one (1) application at 0.05 gal/sq. yd.
- 'BT-1' or 'BT-3' joint. Refer to Standard Road Plan RH-51.

Design Quantity Table ②

Shoulder Surface Area (HMA and PCC)																			
Sq. Yds.				HMA Shoulder ③								PCC Shoulder							
				Hot Mix Asphalt				Asphalt Binder				Tack Coat ④				Volume			
E=4'	E=6'	E=8'	E=10'	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Gallons	Gallons	Gallons	Gallons	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.
44.44	66.67	88.88	111.11	20.94	30.61	40.28	49.95	1.21	1.77	2.33	2.89	2.91	4.02	5.13	6.24	8.64	12.96	17.28	21.59

Iowa Department of Transportation  
Highway Division

STANDARD ROAD PLAN RH-41A

REVISION: Modify note 3.

REVISION NO.

20

REVISION DATE

10-19-04

APPROVED BY DESIGN/METHODS ENGINEER

PAVED SHOULDER ALTERNATES  
(8" HMA AND 7" PCC)