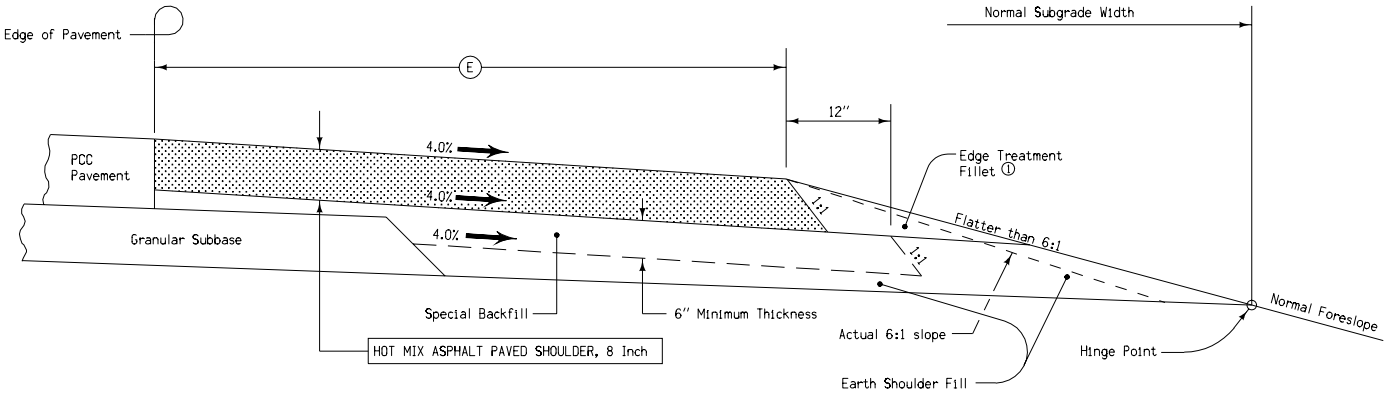
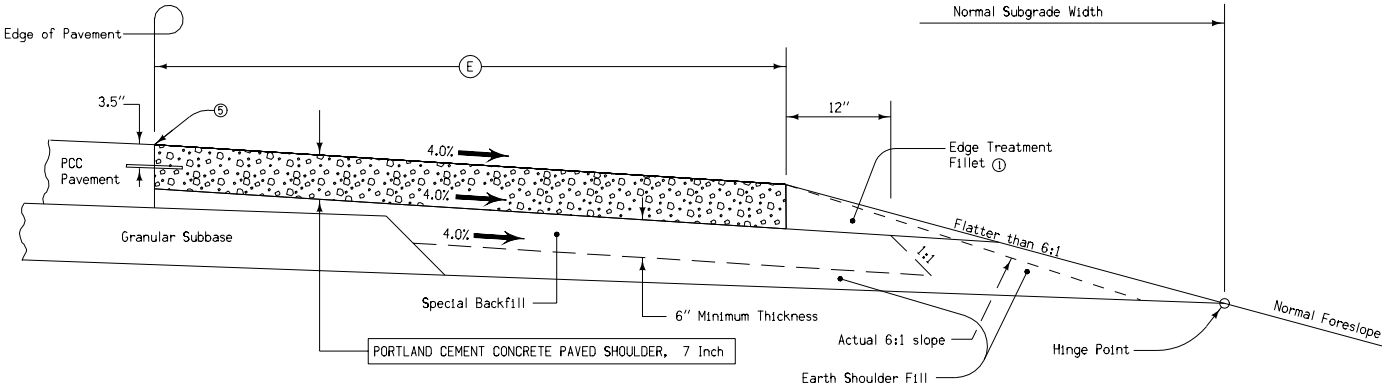


TYPICAL SECTION
HOT MIX ASPHALT PAVED SHOULDER



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.

① Refer to the appropriate Detail Drawing.

② Rates indicated are for design purposes. Quantities listed are for one shoulder per station.

③ 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.

④ 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.

⑤ 'BT–1' or 'BT–3' joint. Refer to Standard Road Plan RH–51.

Design Quantity Table ②

Shoulder Surface Area (HMA and PCC)				HMA Shoulder ③												PCC Shoulder			
				Hot Mix Asphalt				Asphalt Binder				Tack Coat ④				Volume			
Sq. Yds.				Tons				Tons				Gallons				Cu. Yds.			
E=4'	E=6'	E=8'	E=10'	E=4'	E=6'	E=8'	E=10'	E=4'	E=6'	E=8'	E=10'	E=4'	E=6'	E=8'	E=10'	E=4'	E=6'	E=8'	E=10'
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)