

**TYPICAL SECTION  
HOT MIX ASPHALT 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.

**Contract Items:**

Paved Shoulder, Hot Mix Asphalt Mixture, 8 in.  
Special Backfill

- ① Refer to the appropriate Detail Drawing.
- ② Quantities listed are for design purposes. Quantities indicated 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.

Design Quantity Table ②													
Hot Mix Asphalt Shoulder ③													
Surface Area Sq. Yds.				Hot Mix Asphalt Tons				Tack Coat ④ Gallons				Asphalt Binder Tons	
E=4.0'	E=6.0'	E=8.0'	E=10.0'	E=4.0'	E=6.0'	E=8.0'	E=10.0'	E=4.0'	E=6.0'	E=8.0'	E=10.0'	E=4.0'	E=10.0'
44.444	66.666	88.889	111.11	20.945	30.608	38.685	49.946	2.91	4.02	5.00	6.24	1.26	3.00

 <b>Iowa Department of Transportation</b> Highway Division	
<b>STANDARD ROAD PLAN RH-42</b>	
REVISION: Modify note 3.	REVISION NO. 17
APPROVED BY DESIGN METHODS ENGINEER <i>William J. Allen</i>	REVISION DATE 10-19-04
<b>PAVED SHOULDER 8" HOT MIX ASPHALT (ADJACENT TO PCC PAVEMENT)</b>	