



**TYPICAL SECTION  
HMA PAVED SHOULDER**

- ① Refer to the appropriate Typical.
- 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.

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

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=6.0'	E=8.0'	E=10.0'
44.44	66.67	88.88	111.11	20.94	30.61	40.28	49.94	2.96	4.07	5.19	6.30	1.26	1.84	2.42	3.00

 Iowa Department of Transportation	REVISION 18 10-21-08
	<b>RH-42</b>
	SHEET 1 of 1
REVISIONS: Corrected Design Quantity Table. Removed "Special Backfill" general note.	
 APPROVED BY DESIGN METHODS ENGINEER	
<b>PAVED SHOULDER</b> <b>8" HMA</b> <b>(ADJACENT TO PCC PAVEMENT)</b>	