



**TYPICAL SECTION
6" HMA PAVED SHOULDER**

- ① Rates indicated are for design purposes. Quantities listed are for one shoulder per station.
- ② 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.
- ③ Includes quantity for tack coating vertical face of adjacent pavement prior to placement of any base material. Tack Coat estimated at one (1) application of 0.05 gal/sq. yd.
- ④ Quantities have been determined on the basis of a design weight of 140 lbs. per cubic foot and have been adjusted for the flatter than 6:1 slope at the outside edge. Quantities indicated are for design purposes.

Contract Items:

- Paved Shoulder, Hot Mix Asphalt Mixture, 6 In.
- Special Backfill
- Granular Shoulders, Type A or Type B
- Earth Shoulder Construction

Design Quantity Table ①																			
HMA Shoulder ②												Granular Shoulder ④							
Surface Area				Hot Mix Asphalt			Asphalt Binder			Tack Coat ③				Tons					
Sq. Yds.				Tons			Tons			Gallons				Tons					
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'	G=2'	G=4'	G=6'	G=8'
44.44	66.67	88.88	111.11	15.44	22.69	29.94	37.19	0.93	1.36	1.80	2.23	2.79	3.90	5.02	6.13	14.73	21.73	28.73	35.73

 Iowa Department of Transportation	REVISION
	3 10-21-08
STANDARD ROAD PLAN	RJ-34
SHEET 1 of 1	
REVISIONS: Modified Granular Subbase width. Modified rates in Design Quantity Table.	
 APPROVED BY DESIGN METHODS ENGINEER	
PARTIALLY PAVED SHOULDER (6" HMA)	