



**TYPICAL SECTION  
HOT MIX ASPHALT PAVED SHOULDER  
WITH 6" SLOPED CURB AND GUTTER UNIT**

Design Quantity Table ①					
E	Hot Mix Asphalt				P. C. Concrete Curb And Gutter Unit Cu. Yds.
	Surface Area Sq. Yds.	Hot Mix Asphalt Tons ②	Tack Coat Gallons ③	Asphalt Binder Tons	
6	44.44	19.33	3.19	1.160	9.38
8	66.67	29.00	4.31	1.740	9.38
10	88.89	38.67	5.42	2.320	9.38

Slopes, dimensions, and quantities indicated hereon are for a normal section as shown and are for design purposes. Shoulder construction details may be modified through superelevated curves or other areas specifically designated by the Engineer. Refer to Typical Cross Sections and Standard Road Plans for superelevation.

Accomplish any special shaping of subgrade necessary, prior to construction of paved shoulders, as directed by the Engineer. Dispose of material removed due to this special shaping as directed by the Engineer.

Payment for special backfill will be based on a nominal 6 inch thickness. The thickness may be exceeded at the Contractor's option. However, the Contractor will not be compensated for any additional amount.

- ① Quantities shown are for one shoulder per station. Rates of application may be adjusted at the time of construction if so directed by the Engineer.
- 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, 3/4" mix, with an asphalt content of 6 percent.
- ③ Includes quantities 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. per sq. yd.

Iowa Department of Transportation  
Highway Division

**DETAIL SHEET 535-3**

REVISION: Modified notes. Updated reference to sloped curb. Changed dimensions regarding curb. REVISION NO. 13 REVISION DATE 04-16-13

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