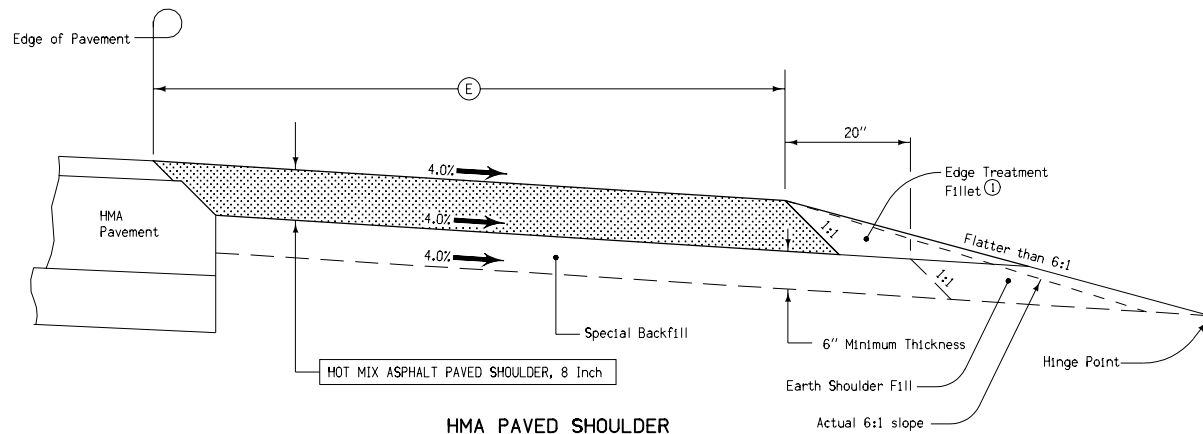


HMA PAVED SHOULDER
ADJACENT TO NEW CONSTRUCTION



HMA PAVED SHOULDER
ADJACENT TO RECONSTRUCTION

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 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 of 0.05 gal/sq. yd.

Design Quantity Table ②

Hot Mix Asphalt ③

Shoulder Surface Area Sq. Yds.		Hot Mix Asphalt Tons				Asphalt Binder Tons				Tack Coat Gallons ④					
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	19.33	29.00	38.66	48.32	1.16	1.74	2.32	2.90	2.91	4.02	5.13	6.24

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RJ-33

REVISION: Modify note 3.	REVISION NO. 17
<i>William J. Stein</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 10-19-04

PAVED SHOULDER
8" HOT MIX ASPHALT
(ADJACENT TO HMA PAVEMENT)