



GENERAL NOTES:
 Payment for "Special Backfill" shall be based on a uniform 150 millimeter thickness. The thickness may be exceeded at the Contractor's option with no compensation for the additional material.

- ① Refer to the appropriate Detail Drawing.
- ② Rates indicated are for design purposes. Quantities listed are for one shoulder per station.
- ③ Quantities shown are based on a design density of 2325 kilograms per cubic meter for Hot Mix Asphalt Mixture (1,000,000 ESAL), Base Course, 12.5 millimeter or 19 millimeter 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 0.2 liters per square meter.
- ⑤ "BT-1" or "BT-3" joint, refer to RH-51.

Design Quantity Table ②					
E	Shoulder Surface Area	HMA Shoulder ③			PCC Shoulder Volume
		HMA	Asphalt Binder	Tack Coat ④	
m	m ²	Mg	Mg	L	m ³
1.2	120.0	60.45	3.63	32.0	21.60
1.8	180.0	88.35	5.30	44.0	32.40
2.4	240.0	116.25	6.98	56.0	43.20
3.0	300.0	144.15	8.65	68.0	54.00

All dimensions given in millimeters unless noted.

METRIC VERSION	M	Iowa Department of Transportation Highway Division
	STANDARD ROAD PLAN RH-41A	
	REVISION: Modify note 3.	REVISION NO. 21
	<i>William J. Sten</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 10-19-04
	PAVED SHOULDER ALTERNATES (200 mm HMA AND 180 mm PCC)	