

TYPICAL SECTION
HOT MIX ASPHALT PAVED SHOULDER

Design Quantity Table ②				
① E	Shoulder Surface Area m ²	Hot Mix Asphalt Shoulder ③		
		Hot Mix Asphalt Mg	Asphalt Binder Mg	Tack Coat ④ L
1.2	120.0	60.45	3.63	32.0
1.8	180.0	88.35	5.30	44.0
2.4	240.0	116.25	6.98	56.0
3.0	300.0	144.15	8.65	68.0

GENERAL NOTES:



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

Contract Items:

- Special Shoulder, Hot Mix Asphalt Mixture, 200 mm
- Special Backfill

- ① Refer to the appropriate Detail Drawing.
- ② Quantities listed are for one shoulder per station. Quantities indicated are for design purposes.
- 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 0.20 liters per square meter.

All dimensions given in millimeters unless noted.

M	 Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN	RH-42
	REVISION: Modify note 3.	REVISION NO. 18
	 APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 10-19-04
METRIC VERSION	PAVED SHOULDER 200 mm HOT MIX ASPHALT (ADJACENT TO PCC PAVEMENT)	