

TYPICAL SECTION
P.C. CONCRETE PAVED SHOULDER

GENERAL NOTES:

Unless otherwise specified, Class A Concrete shall be used.

Payment for "Special Backfill" shall be based on a nominal 6 inch thickness. The thickness may be exceeded at the Contractor's option with no compensation for the additional material.


Contract Items:

Paved Shoulder, P.C. Concrete
Special Backfill

- ① "L-2", "KT-2" or modified "BT-3" Joint. Modified "BT-3" requires a keyway. Contractor option to pour either the tongue or groove of the keyway with the mainline pavement. Refer to Standard Road Plan RH-51.
- ② Quantities indicated are for design purposes. Quantities listed are for one shoulder per station including the curb.

DESIGN QUANTITY TABLE ②

	E = 4'		E = 6'		E = 8'		E = 10'	
①	Area Sq. Yds.	Volume Cu. Yds.	Area Sq. Yds.	Volume Cu. Yds.	Area Sq. Yds.	Volume Cu. Yds.	Area Sq. Yds.	Volume Cu. Yds.
7.0"	55.56	11.853	77.78	16.174	100.00	20.495	122.22	24.816
7.5"	55.56	12.626	77.78	17.255	100.00	21.885	122.22	26.514
8.0"	55.56	13.398	77.78	18.336	100.00	23.275	122.22	28.213
8.5"	55.56	14.168	77.78	19.415	100.00	24.661	122.22	29.908
9.0"	55.56	14.940	77.78	20.496	100.00	26.051	122.22	31.607
9.5"	55.56	15.713	77.78	21.577	100.00	27.442	122.22	33.306
10.0"	55.56	16.483	77.78	22.656	100.00	28.828	122.22	35.001
10.5"	55.56	17.255	77.78	23.737	100.00	30.218	122.22	36.700
11.0"	55.56	18.027	77.78	24.818	100.00	31.608	122.22	38.398
11.5"	55.56	18.798	77.78	25.896	100.00	32.995	122.22	40.093
12.0"	55.56	19.570	77.78	26.977	100.00	34.385	122.22	41.792

 Iowa Department of Transportation Highway Division	
STANDARD ROAD PLAN RH-41E	
REVISION: NEW. Replaces Detal Sheet 535-1.	REVISION NO. NEW
APPROVED BY: <i>William J. Allen</i> DESIGN METHODS ENGINEER	REVISION DATE 10-21-03
PAVED SHOULDER WITH 6 INCH SLOPED CURB (PORTLAND CEMENT CONCRETE)	