

PERSPECTIVE VIEW  
DITCH SLOPE AND BEVELED PIPE

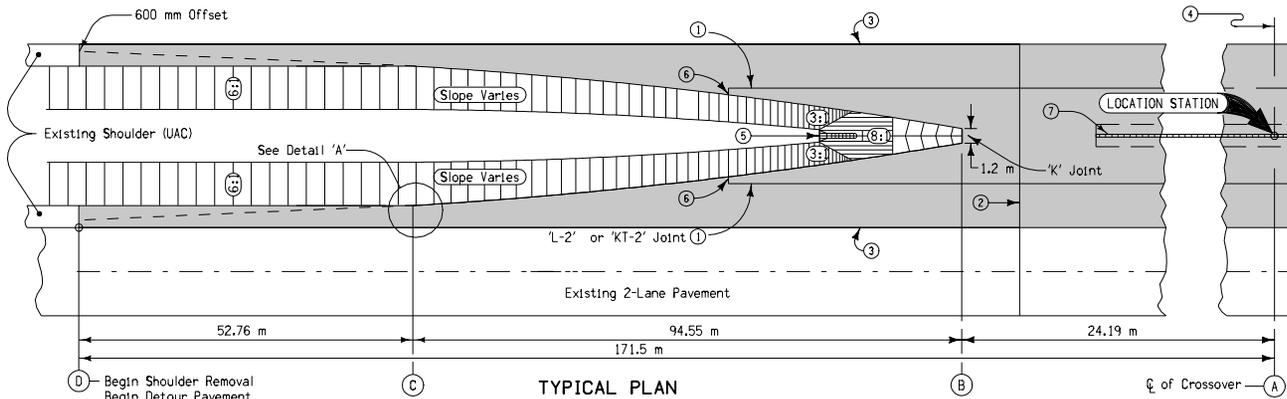
Pavement options: 230 mm PCC or 300 mm HMA

Contract Items:

- Detour Pavement
- Special Backfill
- Embankment In Place
- Excavation, Class 10, Roadway and Borrow
- Excavation, Class 13, Roadway and Borrow
- Removal of Pavement

Tabulation: 112-8

- ① 'L-2' or 'KT-2' spaced at one-quarter median width, see Standard Road Plan RH-51.
- ② Match crossover pavement joints with existing roadway joints. 'CD' joints are required. See Standard Road Plan RH-50.
- ③ 'KT-2' joint, bend bars out for new pavement only.
- ④ Median crossover is symmetrical at centerline.
- ⑤ Beveled pipe and guard. See Detail Sheet 500-12.
- ⑥ 600 mm 'C' joint.
- ⑦ Slotted drain for median crossover. See Detail Sheet 500-18.



Design Quantity Table	
Detour Pavement m <sup>2</sup>	Special Backfill MG
3340	1710



All dimensions given in millimeters unless noted.

Table Of Offsets And Drops (Paved Shoulders)																					
Distance from Location Station (m)	171.5	160	150	140	130	120	118.75	110	100	90	80	70	60	50	40	30	24.19	20	10	0	
Offset from inside edge of Pavement (m)	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.22	2.79	3.43	4.16	4.98	5.88	6.86	7.93	9.08	9.8	10.4	10.4	10.4	
Cross-Slope from Inside edge of Pavement	4.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Drop from Inside edge of Pavement (mm)	72	36	36	36	36	36	36	44.4	55.8	68.6	83.2	99.6	117.6	137.2	158.6	181.6	196	208	208	208	
POINT LOCATION	(D)						(C)										(B)			(A)	

<b>M</b> <b>METRIC VERSION</b>	 Iowa Department of Transportation Highway Division	<b>STANDARD ROAD PLAN RV-14A</b>
	<small>REVISION: Remove "Crossover Pavement" labels; shade detour pavements; note pavement thickness options.</small>	<small>REVISION NO.</small> 1
	<i>William J. Stein</i> <small>APPROVED BY DESIGN METHODS ENGINEER</small>	<small>REVISION DATE</small> 10-18-05
	<b>MEDIAN CROSSOVER</b> (20.8 m MEDIAN)	