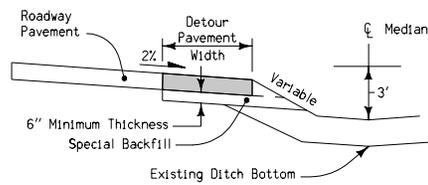
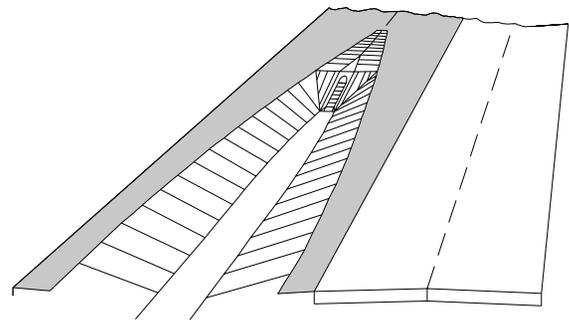


DETAIL 'A'



SECTION A-A



PERSPECTIVE VIEW
DITCH SLOPE AND BEVELED PIPE

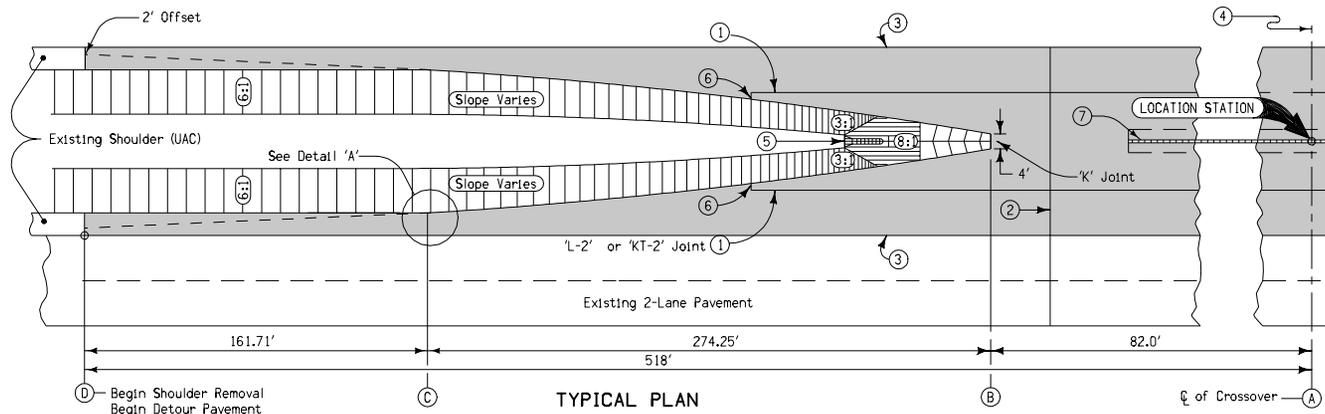
Pavement options: 9" PCC or 12" HMA

Contract Items:

- Detour Pavement
- Special Backfill
- Erbankment 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 2' 'C' Joint.
- ⑦ Slotted drain for median crossover. See Detail Sheet 500-18.



TYPICAL PLAN

DESIGN QUANTITY TABLE	
Detour Pavement Sq. Yds.	Special Backfill Tons
3570	1660

Detour Pavement

TABLE OF OFFSETS AND DROPS (PAVED SHOULDERS)																					
Distance from Location Station (Feet)	518	500	475	450	400	356.29	350	325	300	275	250	225	200	175	150	125	100	82.0	75.0	0	
Offset from inside edge of Pavement (Feet)	6.00	6.00	6.00	6.00	6.00	6.00	6.31	7.64	9.15	10.84	12.71	14.76	16.99	19.41	21.91	24.78	27.73	30.00	32.00	32.00	
Cross-Slope from inside edge of Pavement	4.00%	3.17%	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 (Feet)	0.24	0.19	0.12	0.12	0.12	0.12	0.13	0.15	0.18	0.22	0.25	0.30	0.34	0.39	0.44	0.50	0.55	0.60	0.64	0.64	0.64
POINT LOCATION	(D)					(C)													(B)		(A)

Iowa Department of Transportation
 Highway Division

STANDARD ROAD PLAN RV-13A

REVISION: Remove "Crossover Pavement" label; shade detour pavement; note pavement thickness options.

REVISION NO. 1
 REVISION DATE 10-18-05

APPROVED BY DESIGN METHODS ENGINEER

MEDIAN CROSSOVER
 (64' MEDIAN)