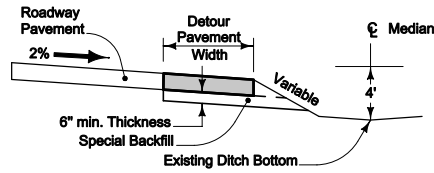
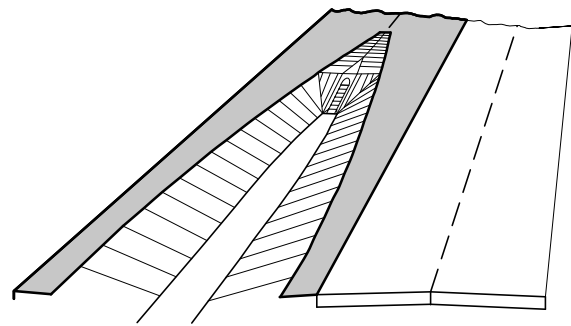


DETAIL 'A'



SECTION A-A



**PERSPECTIVE VIEW
DITCH SLOPE AND BEVELED PIPE**

Detour Pavement options: 9" PCC or 12" HMA

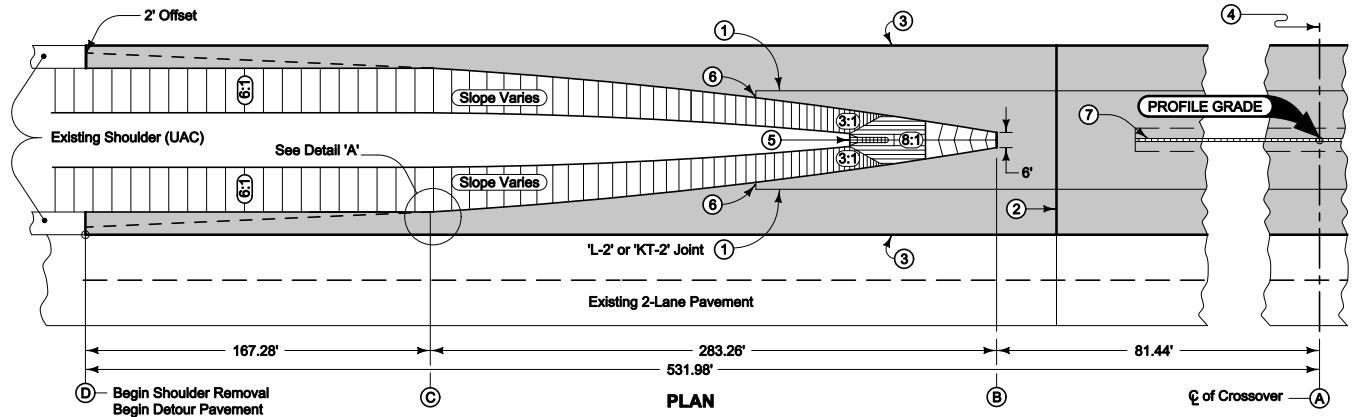
- ① 'L-2' or 'KT-2' spaced at one-quarter median width. See PV-1.
- ② Match existing roadway joints. 'CD' joints are required. See PV-1.
- ③ 'KT-2' joint, bend bars out for new pavement only.
- ④ Median crossover is symmetrical about centerline.
- ⑤ Beveled pipe and guard. See RF-27.
- ⑥ 2 foot 'C' Joint.
- ⑦ Slotted drain for median crossover. See RF-45.

DESIGN QUANTITY TABLE	
Detour Pavement Sq. Yds.	Special Backfill Tons
3850	1760



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

Possible Tabulation:
112-8



PLAN

TABLE OF OFFSETS AND DROPS (PAVED SHOULDERS)																				
Distance from Location Station (Feet)	531.98	500	475	450	400	364.70	350	325	300	275	250	225	200	175	150	125	100	81.44	75.0	0
Offset from inside edge of Pavement (Feet)	6.00	6.00	6.00	6.00	6.00	6.00	7.11	8.55	10.17	11.98	13.96	16.12	18.47	20.99	23.70	26.59	29.66	32.12	34.12	34.12
Cross-Slope from inside edge of Pavement	4.00%	2.86%	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	0.17	0.12	0.12	0.12	0.12	0.13	0.16	0.19	0.23	0.27	0.31	0.36	0.41	0.46	0.51	0.58	0.62	0.68	0.68
POINT LOCATION	(D)					(C)													(B)	(A)

**Iowa Department
of Transportation**

STANDARD ROAD PLAN

REVISIONS: New. Replaces RV-14A. Revised table of offsets and drops.

Deanna McFalls
APPROVED BY DESIGN METHODS ENGINEER

REVISION
NEW 04-20-10

PV-506

SHEET 1 of 1

**MEDIAN CROSSOVER
(68.24' MEDIAN)**