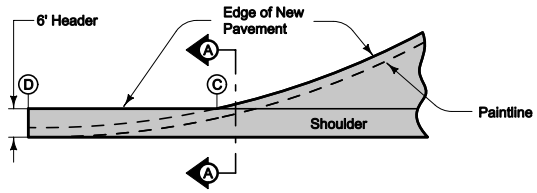
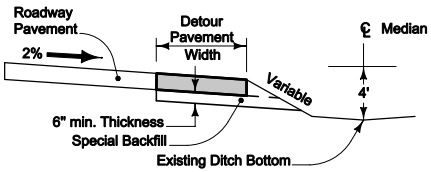
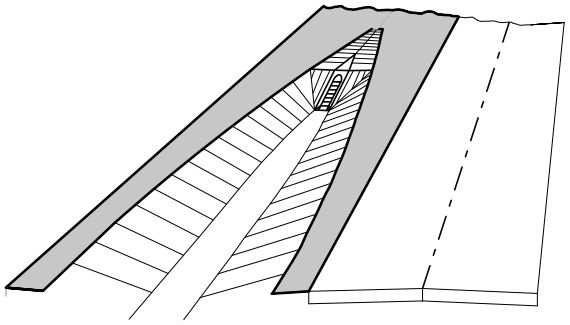


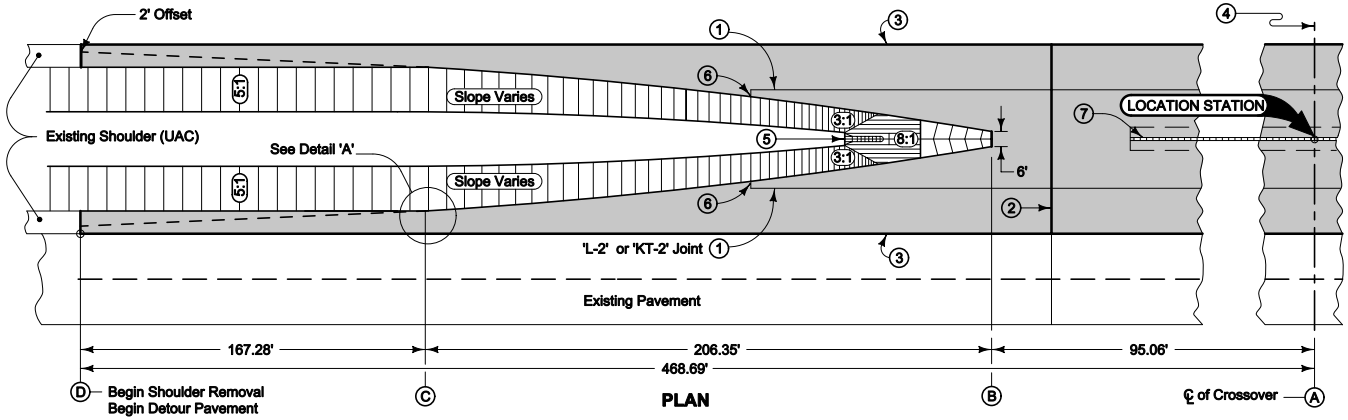
DETAIL 'A'



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. For PCC pavement, 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
2695	1425

Detour Pavement

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

TABLE OF OFFSETS AND DROPS (PAVED SHOULDERS)

Distance from Location Station (Feet)	468.69	450	425	400	375	350	325	301.41	300	275	250	225	200	175	150	125	100	95.06	75.0	0
Offset from inside edge of Pavement (Feet)	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.07	7.36	8.84	10.49	12.33	14.34	16.54	18.92	21.47	22.00	25.00	25.00
Cross-Slope from inside edge of Pavement	4.00%	3.33%	2.44%	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	.20	0.15	0.12	0.12	0.12	0.12	0.12	0.13	.15	0.18	0.21	0.25	0.29	0.33	0.38	0.43	0.44	0.50	0.50
POINT LOCATION	D							C										B		A

Iowa Department of Transportation

STANDARD ROAD PLAN

REVISION	
1	10-19-10

PV-500

SHEET 1 of 1

REVISIONS: Changed "Profile Grade" in the plan view to "Location Station".

Deanna Maifield
APPROVED BY DESIGN METHODS ENGINEER

MEDIAN CROSSOVER (50' MEDIAN)