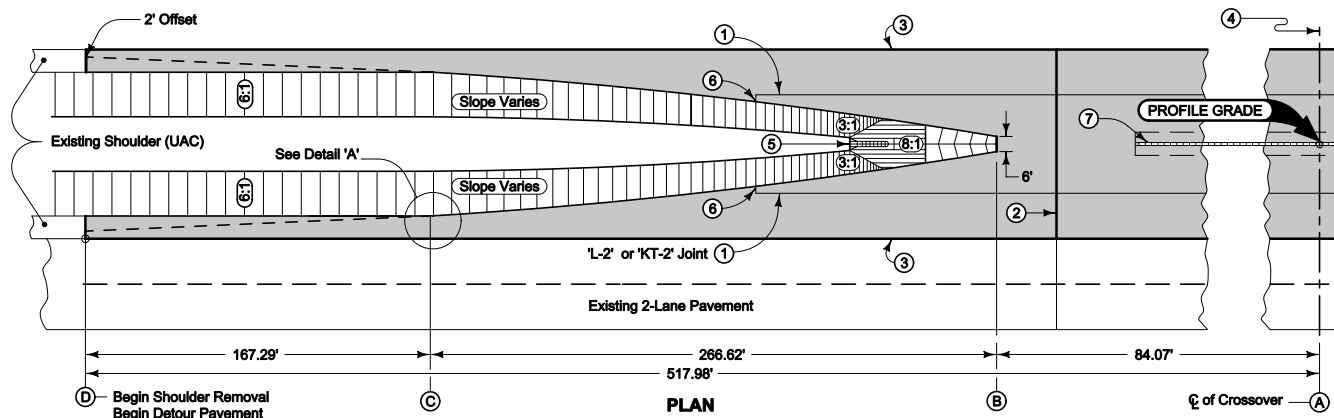


PERSPECTIVE VIEW  
DITCH SLOPE AND BEVELED PIPE

SECTION A-A



PLAN

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
3515	1635



- 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)	517.98	500	475	450	400	350.69	350	325	300	275	250	225	200	175	150	125	100	84.07	75.0	0
Offset from inside edge of Pavement (Feet)	6.00	6.00	6.00	6.00	6.00	6.03	7.32	8.79	10.44	12.27	14.28	16.47	18.84	21.40	24.13	27.05	30.00	32.00	32.00	32.00
Cross-Slope from inside edge of Pavement	4.00%	3.36%	2.47%	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	0.20	0.15	0.12	0.12	0.12	0.15	0.18	0.21	0.25	0.29	0.33	0.38	0.43	0.48	0.54	0.58	0.64	0.64	0.64
POINT LOCATION	(D)					(C)												(B)		(A)

<p>Iowa Department of Transportation</p> <p><b>STANDARD ROAD PLAN</b></p> <p>REVISIONS: New. Replaces RV-13A. Revised table of offsets and drops.</p> <p><i>Deanna McFadden</i> APPROVED BY DESIGN METHODS ENGINEER</p>	<p>REVISION</p> <p>New 04-20-10</p>
	<p><b>PV-503</b></p> <p>SHEET 1 of 1</p>
	<p><b>MEDIAN CROSSOVER</b> (64' MEDIAN)</p>