



Detour Pavement options: 9" PCC or 12" HMA  
For joint details, see PV-101.

- ① Median crossover is symmetrical about centerline.
- ② Median pipe for crossover. See Detail 500-19.
- ③ For PCC Detour Pavement, match existing roadway joints. 'CD' joints are required.
- ④ 'KT-2' or 'L-2' joint if mainline pavement is new construction. Bend bars out.  
'BT-3' joint if mainline pavement is existing.  
'B' joint if Detour Pavement is HMA.

DESIGN QUANTITY TABLE		
Detour Pavement Sq. Yds.	Special Backfill Tons	Granular Shoulder Tons
1140	555	*200

\*Quantity based on 8" shoulder depth.



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

Possible Tabulation:  
112-8

 Iowa Department of Transportation	REVISION
	3 10-15-13
<b>STANDARD ROAD PLAN</b>	<b>PV-501</b>
REVISIONS: Modified note 4.	SHEET 1 of 1

TABLE OF OFFSETS AND DROPS																			
Distance (Feet)	468.69	450	400	350	301.41	300	275	250	225	200	175	150	125	113.37	100	75	50	25	0
Offset A to C (Feet)	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	20.08	21.47	24.21	27.13	30.08	33.06
Drop A to C (Feet)	0.24	0.20	0.12	0.12	0.12	0.13	0.15	0.18	0.21	0.25	0.29	0.33	0.38	0.40	0.43	0.46	0.47	0.46	0.44
Drop A to B (Feet)														0.08	0.18	0.27	0.35	0.41	0.44

APPROVED BY DESIGN METHODS ENGINEER  
*Brian Smith*  
**MEDIAN CROSSOVER**  
**(50' MEDIAN)**  
**16' WIDE 1 LANE**