



- 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 DR-504.
 - ③ For PCC Detour Pavement, match existing roadway joints. 'CD' joints are required.
 - ④ 'BT-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
1685	725	*195

*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

TABLE OF OFFSETS AND DROPS																					
Distance (Feet)	515.48	500	450	400	350	348.20	325	300	275	250	225	200	175	150	125	100	75	55.63	50	25	0
Offset A to C (Feet)	6.00	6.00	6.00	6.00	6.00	6.00	7.19	8.64	10.27	12.08	14.07	16.25	18.60	21.13	23.85	26.75	29.81	32.21	32.91	36.01	39.11
Drop A to C (Feet)	0.24	0.21	0.12	0.12	0.12	0.12	0.14	0.17	0.21	0.24	0.28	0.33	0.37	0.42	0.48	0.54	0.60	0.64	0.65	0.66	0.62
Drop A to B (Feet)																		.08	0.31	0.52	0.62

IOWA DOT

STANDARD ROAD PLAN

REVISIONS: Changed 'KT-2' joint to 'BT-2' joint.

APPROVED BY DESIGN METHODS ENGINEER

REVISION 5 10-21-25

PV-502

SHEET 1 of 1

MEDIAN CROSSOVER

(50' MEDIAN)

28' WIDE 2 LANE