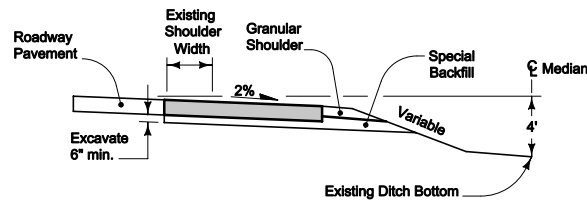
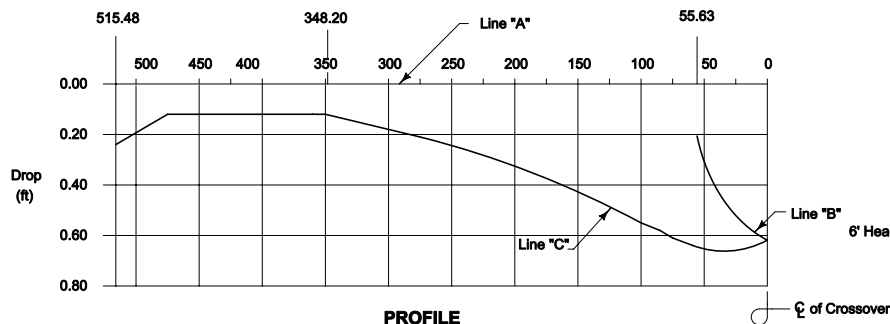


SECTION A-A

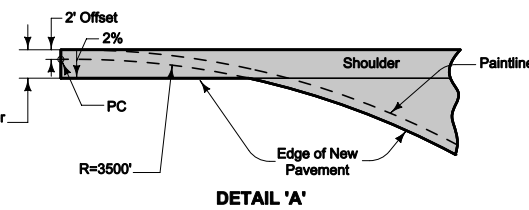


SECTION B-B



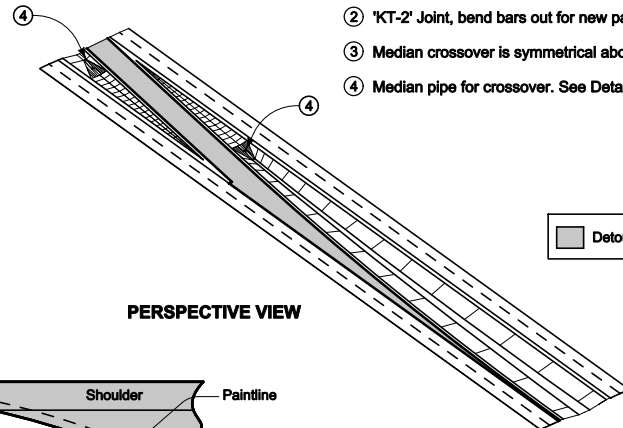
PROFILE

☐ of Crossover



DETAIL 'A'

PERSPECTIVE VIEW



☐ Detour Pavement

Detour Pavement options: 9" PCC or 12" HMA

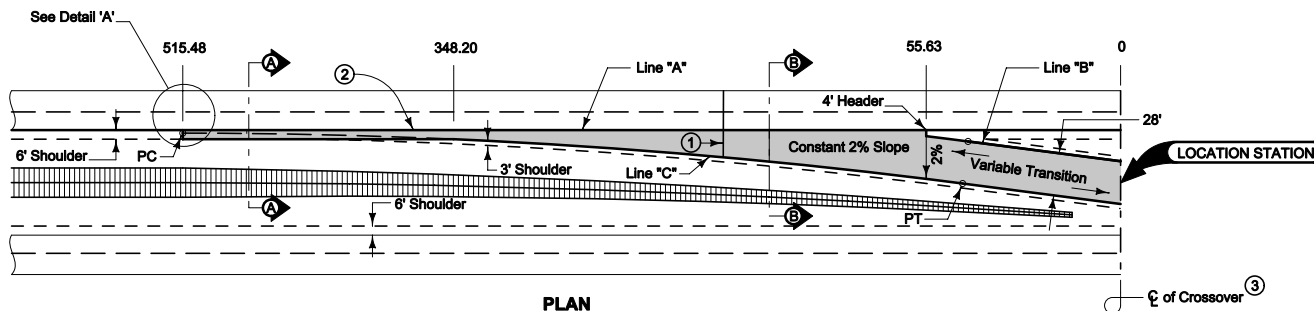
- ① Match existing roadway joints. 'CD' joints are required. See PV-1.
- ② 'KT-2' Joint, bend bars out for new pavement only.
- ③ Median crossover is symmetrical about centerline.
- ④ Median pipe for crossover. See Detail 500-19.

DESIGN QUANTITY TABLE		
Detour Pavement Sq. Yds.	Special Backfill Tons	Granular Shoulder Tons
1685	1055	106

Possible Contract Items:

Detour Pavement
Embankment In Place
Excavation, Class 10, Roadway and Borrow
Excavation, Class 13, Roadway and Borrow
Granular Shoulder
Removal of Pavement
Special Backfill

Possible Tabulation:
112-8



PLAN

☐ of Crossover ③

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
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
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
Drop A to B (Feet)																		.08	0.31

Iowa Department of Transportation

STANDARD ROAD PLAN

REVISIONS: New. Replaces RV-12C. Revised table of offsets and drops.

Deanna Maifeld
APPROVED BY DESIGN METHODS ENGINEER

MEDIAN CROSSOVER
(50' MEDIAN)
28' WIDE 2 LANE

REVISION

New	04-20-10
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PV-502

SHEET 1 of 1