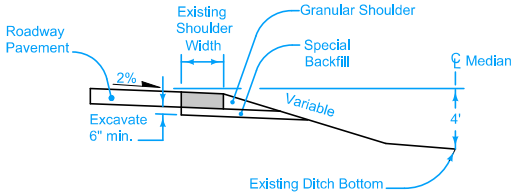
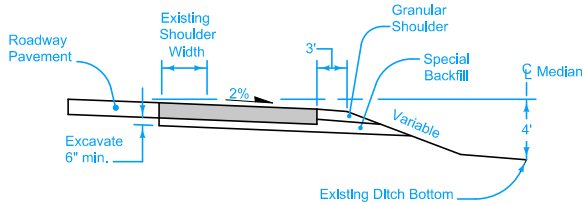
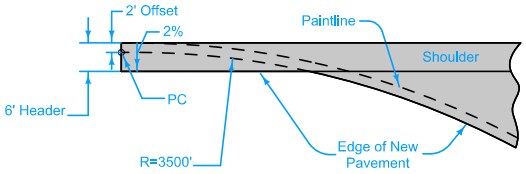


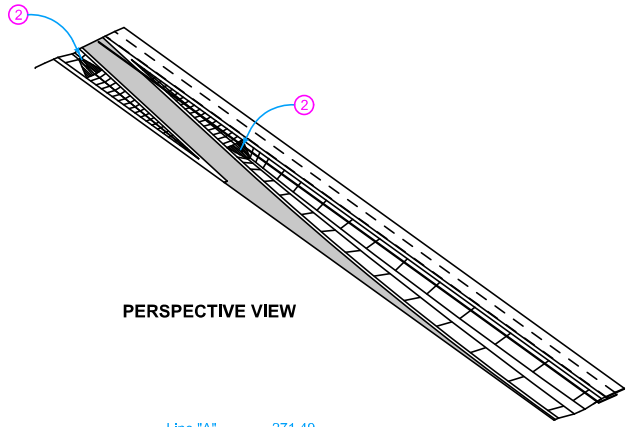
SECTION A-A



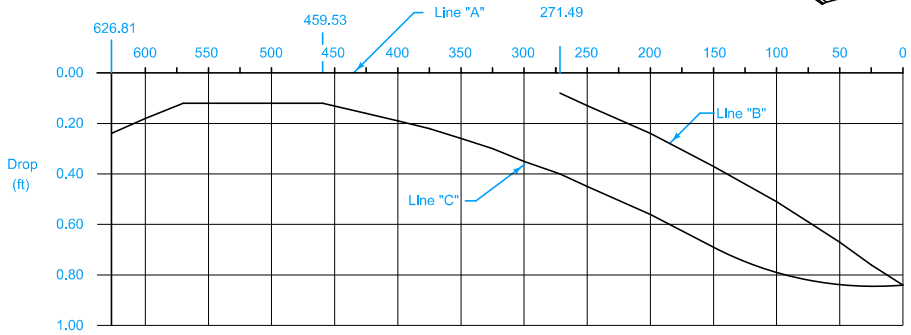
SECTION B-B



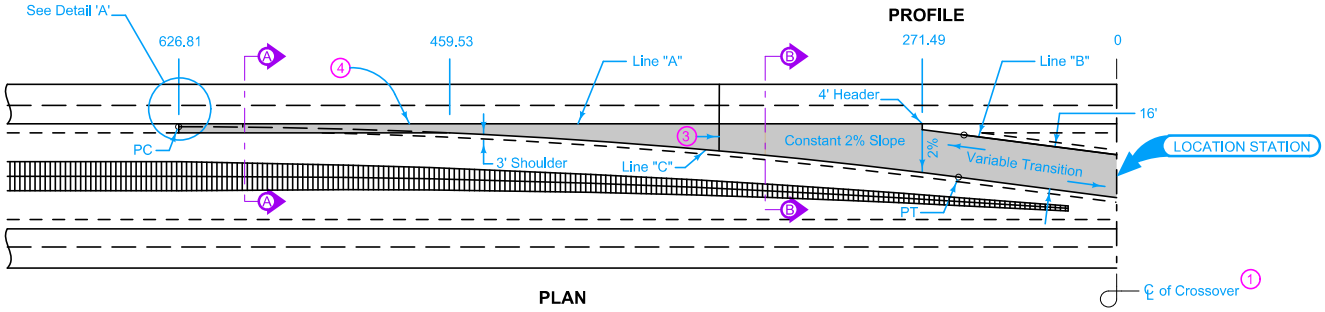
DETAIL 'A'



PERSPECTIVE VIEW



PROFILE



PLAN

TABLE OF OFFSETS AND DROPS																					
Distance (Feet)	626.81	600	575	550	500	459.53	425	400	375	350	325	300	271.49	250	200	150	100	75	50	25	0
Offset A to C (Feet)	6.00	6.00	6.00	6.00	6.00	6.00	7.82	9.36	11.07	12.96	15.04	17.29	20.08	22.34	28.12	34.63	41.87	45.77	49.85	55.95	58.11
Drop A to C (Feet)	0.24	0.18	0.13	0.12	0.12	0.12	0.16	0.19	0.22	0.26	0.30	0.35	0.40	0.45	0.56	0.69	0.79	0.82	0.84	0.85	0.84
Drop A to B (Feet)													0.08	0.13	0.24	0.37	0.51	0.59	0.67	0.76	0.84

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
1710	845	*320

*Quantity based on 8" shoulder depth.

Detour Pavement

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

Possible Tabulation:
- 112-8

Iowa Department of Transportation

STANDARD ROAD PLAN

REVISION	
New	04-15-14

PV-513

SHEET 1 of 1

REVISIONS: New.

Brian Smith
APPROVED BY DESIGN METHODS ENGINEER

MEDIAN CROSSOVER
(100' MEDIAN)
16' WIDE 1 LANE