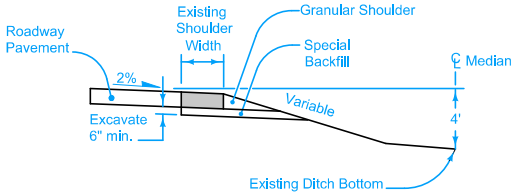
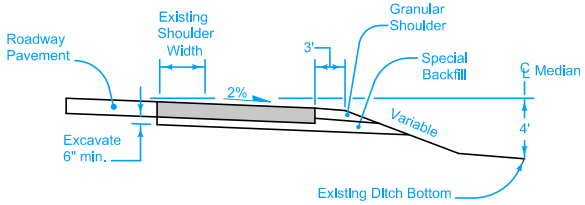
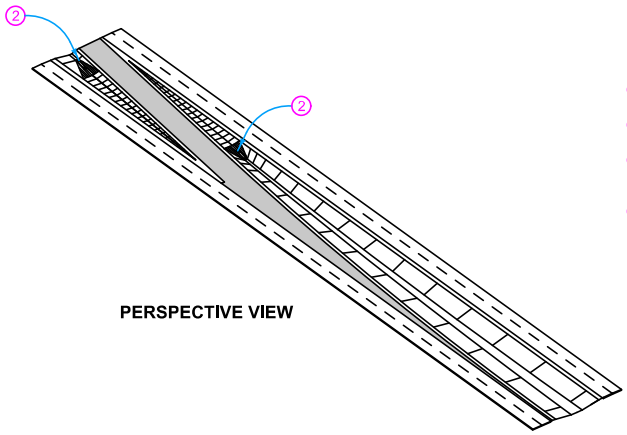


SECTION A-A



SECTION B-B



PERSPECTIVE VIEW

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.

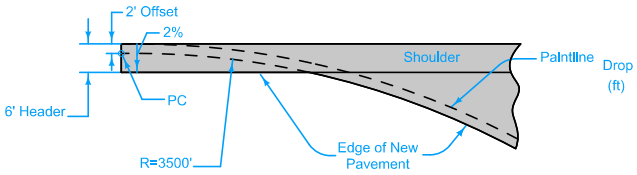
(3) For PCC Detour Pavement, match existing roadway joints. 'CD' joints are required.

(4) '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.

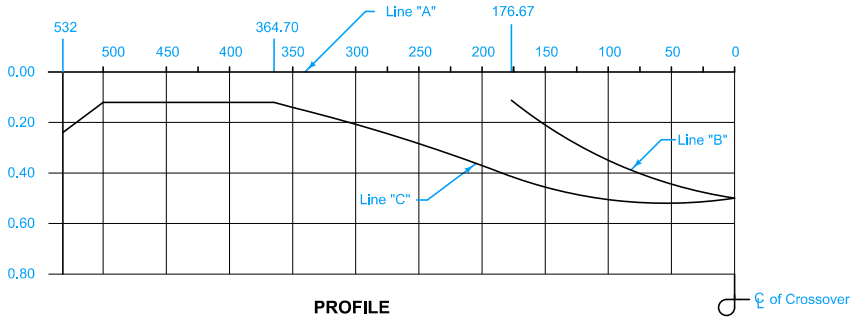
DESIGN QUANTITY TABLE		
Detour Pavement Sq. Yds.	Special Backfill Tons	Granular Shoulder Tons
1370	670	*245

*Quantity based on 8" shoulder depth.

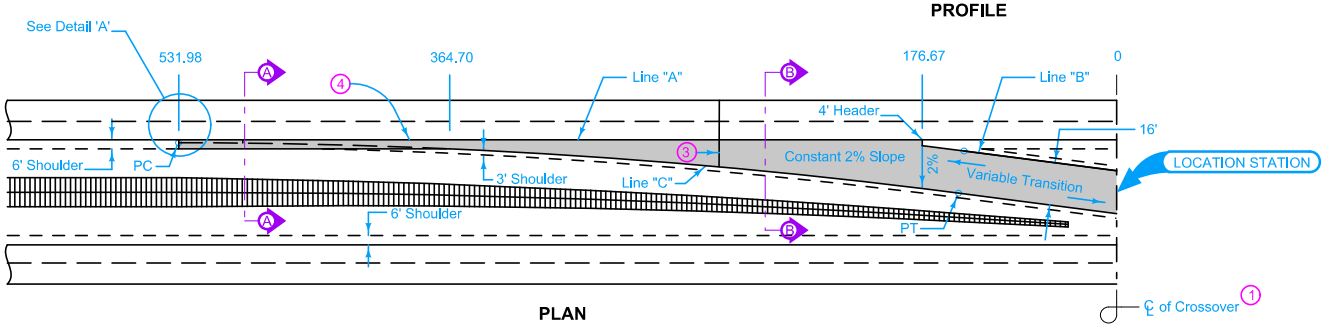
Detour Pavement



DETAIL 'A'



PROFILE



PLAN

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

TABLE OF OFFSETS AND DROPS																						
Distance (Feet)	531.98	500	450	400	364.70	350	325	300	275	250	225	200	176.67	175	150	125	100	75	50	25	0
Offset A to C (Feet)	6.00	6.00	6.00	6.00	6.00	6.73	8.13	9.70	11.45	13.38	15.49	17.78	20.08	20.25	22.91	25.74	28.76	31.96	35.34	38.77	42.19
Drop A to C (Feet)	0.24	0.17	0.12	0.12	0.12	0.13	0.16	0.19	0.23	0.27	0.31	0.36	0.40	0.42	0.46	0.48	0.50	0.52	0.52	0.51	0.50
Drop A to B (Feet)													0.08	0.12	0.21	0.29	0.35	0.40	0.44	0.48	0.50

IOWA DOT

STANDARD ROAD PLAN

REVISION	
4	04-21-20

PV-507

SHEET 1 of 1

REVISIONS: New logo and modified circle note 2.

APPROVED BY DESIGN METHODS ENGINEER

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