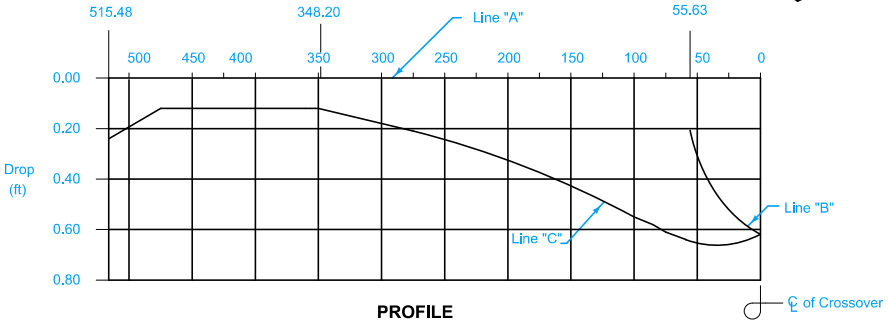
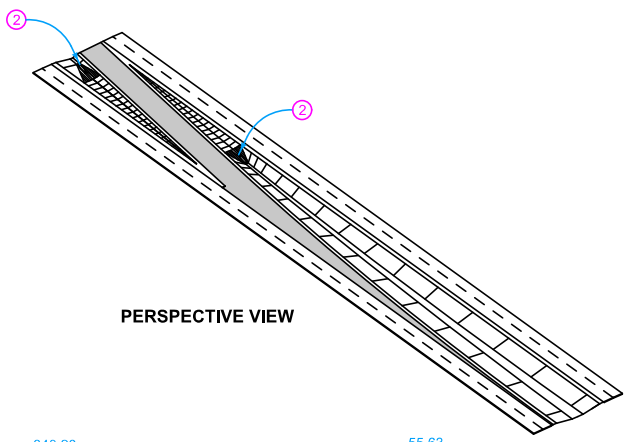


Distance (Feet)	515.48	500	450	400	350	348.20	325	300	275	250	225	200	175	150	125	100	75	55.63	50	25	0	
Offset A to C (Feet)	6.00	6.00	6.00	6.00	6.00	6.00	7.19	8.64	10.27	12.08	14.07	16.25	18.80	21.13	23.85	26.75	29.81	32.21	32.91	36.01	39.11	
Drop A to C (Feet)	0.24	0.21	0.12	0.12	0.12	0.12	0.14	0.17	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



- Detour Pavement options: 9" PCC or 12" HMA  
For joint details, see PV-101.
- Median crossover is symmetrical about centerline.
  - Median pipe for crossover. See Detail 500-19.
  - For PCC Detour Pavement, match existing roadway joints. 'CD' joints are required.
  - '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.

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:  
112-3

 Iowa Department of Transportation <b>STANDARD ROAD PLAN</b>	REVISION
	3   10-15-13
<b>PV-502</b> SHEET 1 of 1	
REVISIONS: Modified note 4.	

APPROVED BY DESIGN METHODS ENGINEER  
**MEDIAN CROSSOVER**  
**(50' MEDIAN)**  
**28' WIDE 2 LANE**