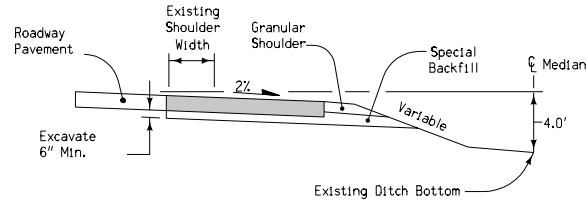
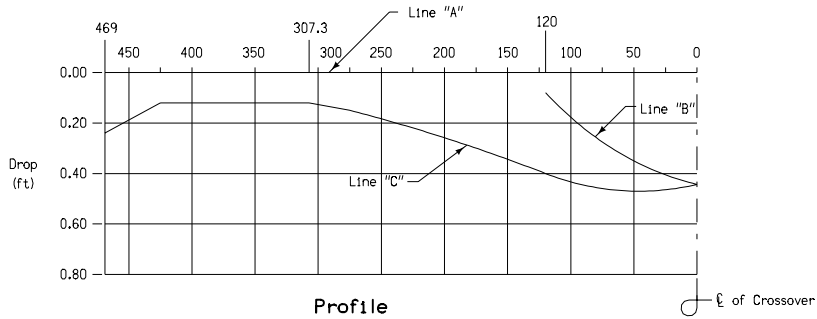


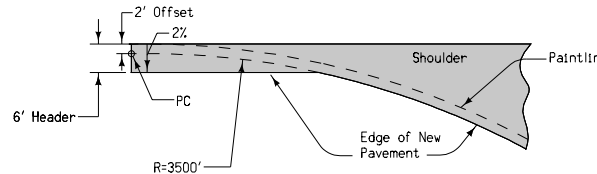
Section A-A



Section B-B



Profile



Detour Pavement options: 9" PCC or 12" HMA

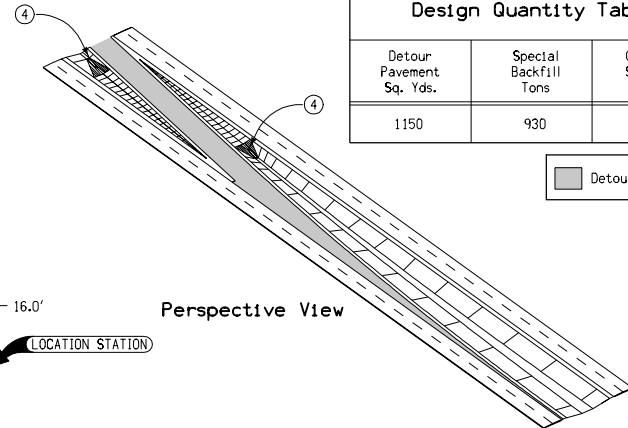
Contract Items:

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

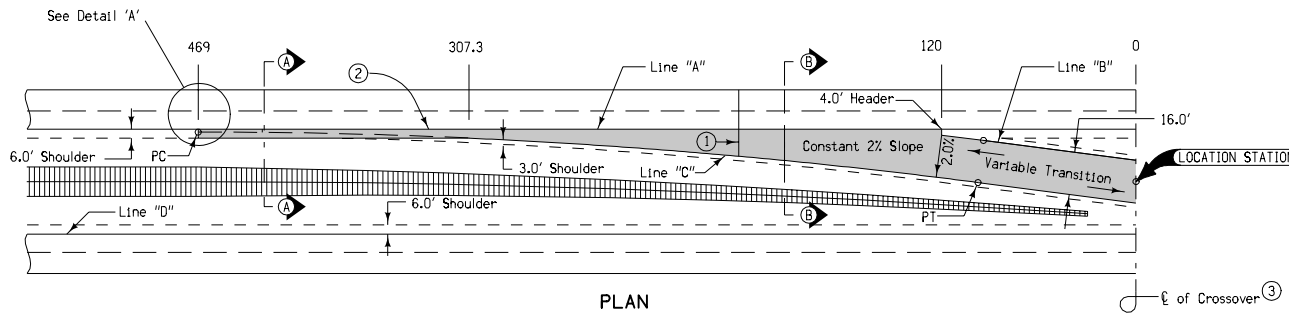
Tabulation: 112-8

- ① Match existing roadway joints. 'CD' joints are required. See Standard Road Plan RH-50.
- 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 Sheet 500-19.

| Design Quantity Table    |                       |                        |
|--------------------------|-----------------------|------------------------|
| Detour Pavement Sq. Yds. | Special Backfill Tons | Granular Shoulder Tons |
| 1150                     | 930                   | 110                    |



Perspective View



PLAN

| Table Of Offsets And Drops |      |      |      |      |       |      |      |      |       |       |       |       |       |       |       |       |       |       |       |
|----------------------------|------|------|------|------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Distance (Feet)            | 469  | 450  | 400  | 350  | 307.3 | 300  | 275  | 250  | 225   | 200   | 175   | 150   | 125   | 120   | 100   | 75    | 50    | 25    | 0     |
| Offset A to C (Feet)       | 6.00 | 6.00 | 6.00 | 6.00 | 6.00  | 6.36 | 7.69 | 9.21 | 10.91 | 12.79 | 14.85 | 17.08 | 19.50 | 20.01 | 22.10 | 24.89 | 27.76 | 30.40 | 33.04 |
| Drop A to C (Feet)         | 0.24 | 0.19 | 0.12 | 0.12 | 0.12  | 0.13 | 0.15 | 0.18 | 0.22  | 0.26  | 0.30  | 0.34  | 0.39  | 0.40  | 0.43  | 0.46  | 0.47  | 0.46  | 0.44  |
| Drop A to B (Feet)         |      |      |      |      |       |      |      |      |       |       |       |       |       | 0.08  | 0.18  | 0.27  | 0.35  | 0.41  | 0.44  |

Iowa Department of Transportation  
Highway Division

**STANDARD ROAD PLAN RV-12B**

|                                     |               |
|-------------------------------------|---------------|
| REVISION: Modify notes.             | REVISION NO.  |
|                                     | 2             |
| <i>Deanna Masfield</i>              | REVISION DATE |
| APPROVED BY DESIGN METHODS ENGINEER | 04-18-06      |

**MEDIAN CROSSOVER  
(50' MEDIAN)  
16' WIDE 1 LANE**