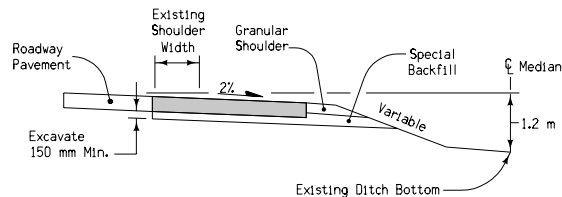
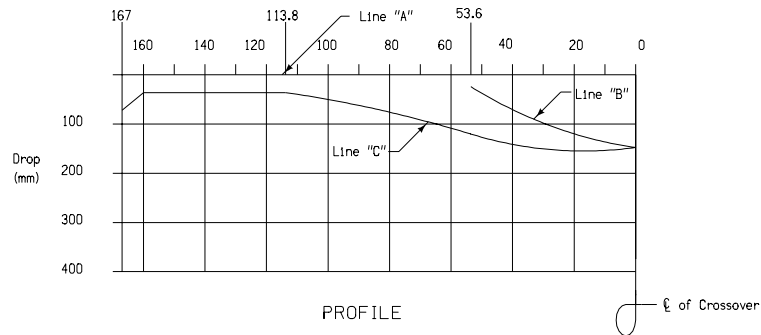


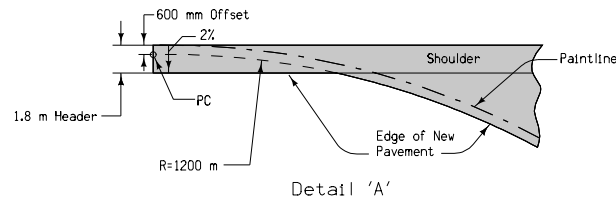
Section A-A



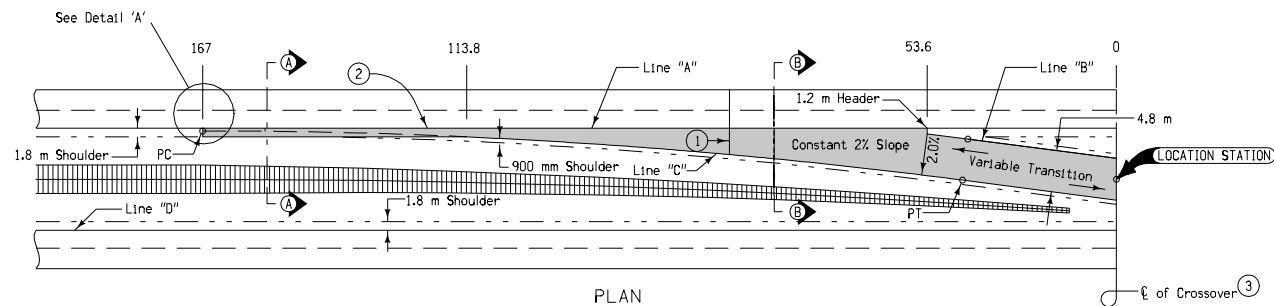
Section B-B



PROFILE



Detail 'A'



PLAN

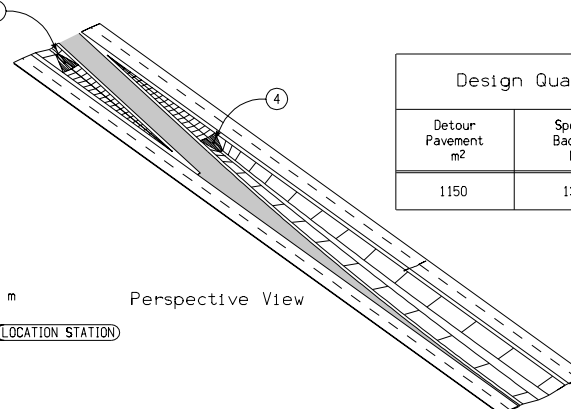
Detour Pavement options: 230 mm PCC or 300 mm HMA

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

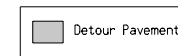
Tabulation: 112-8

- 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.



Perspective View

| Design Quantity Table | | |
|-----------------------------------|------------------------|-------------------------|
| Detour Pavement m ² | Special Backfill MG | Granular Shoulder MG |
| 1150 | 1310 | 120 |



| Table Of Offsets And Drops | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----|-----|-----|-----|-----|-----|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Distance (m) | 167 | 160 | 150 | 140 | 130 | 120 | 113.8 | 110 | 100 | 90 | 80 | 70 | 60 | 53.6 | 50 | 40 | 30 | 20 | 10 | 0 |
| Offset A to C (m) | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.97 | 2.50 | 3.10 | 3.79 | 4.56 | 5.42 | 6.01 | 6.36 | 7.38 | 8.49 | 9.69 | 10.93 | 12.17 |
| Drop A to C (mm) | 72 | 36 | 36 | 36 | 36 | 36 | 36 | 39.4 | 50 | 62 | 75.8 | 91.2 | 108.4 | 120.2 | 126.7 | 141.1 | 150.4 | 154.5 | 153.5 | 147.5 |
| Drop A to B (mm) | | | | | | | | | | | | | | 24 | 37.5 | 70.6 | 98.1 | 119.8 | 136.3 | 147.5 |

All dimensions given in millimeters unless noted.

| | | |
|--|--|--|
| M | | Iowa Department of Transportation Highway Division |
| | STANDARD ROAD PLAN RV-13B | |
| | REVISION: Modify notes. | REVISION NO. 2 |
| | <i>Deanna Marfeld</i> APPROVED BY DESIGN METHODS ENGINEER | REVISION DATE 04-18-06 |
| MEDIAN CROSSOVER (19.51 m MEDIAN) 4.8 m WIDE 1 LANE | | |