

PERSPECTIVE VIEW  
DITCH SLOPE AND BEVELED PIPE

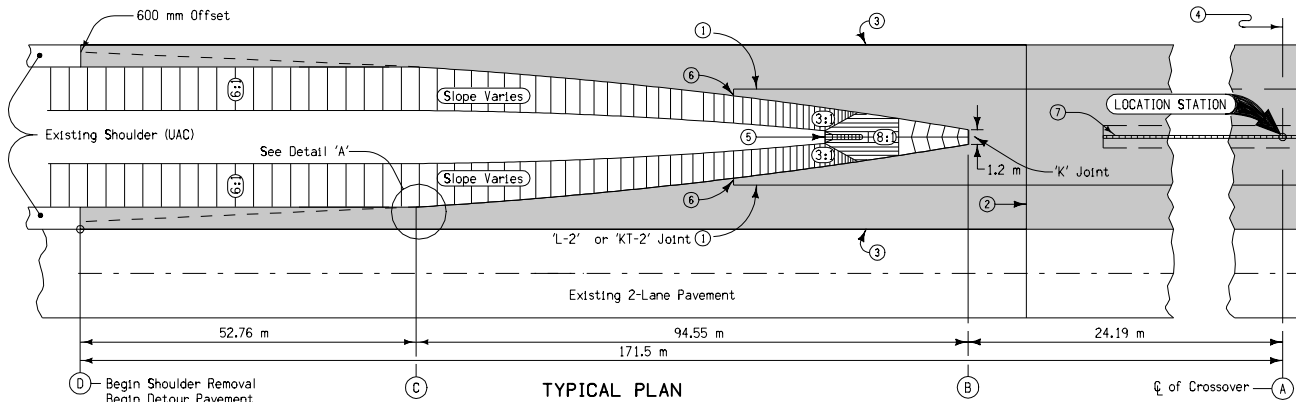
Detour Pavement options: 230 mm PCC or 300 mm HMA

Contract Items:

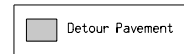
- Detour Pavement
- Special Backfill
- Embankment In Place
- Excavation, Class 10, Roadway and Borrow
- Excavation, Class 13, Roadway and Borrow
- Removal of Pavement

Tabulation: 112-8

- ① 'L-2' or 'KT-2' spaced at one-quarter median width, see Standard Road Plan RH-51.
- ② Match existing roadway joints. 'CD' joints are required. See Standard Road Plan RH-50.
- ③ 'KT-2' joint, bend bars out for new pavement only.
- ④ Median crossover is symmetrical about centerline.
- ⑤ Beveled pipe and guard. See Detail Sheet 500-12.
- ⑥ 600 mm 'C' joint.
- ⑦ Slotted drain for median crossover. See Detail Sheet 500-18.



| Detour Pavement<br>m <sup>2</sup> | Special Backfill<br>MG |
|-----------------------------------|------------------------|
| 3340                              | 1710                   |



All dimensions given in millimeters unless noted.

| Distance from Location Station (m)       | 171.5 | 160   | 150   | 140   | 130   | 120   | 118.75 | 110   | 100   | 90    | 80    | 70    | 60    | 50    | 40    | 30    | 24.19 | 20    | 10    | 0     |
|--|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Offset from inside edge of Pavement (m)  | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8    | 2.22  | 2.79  | 3.43  | 4.16  | 4.98  | 5.88  | 6.86  | 7.93  | 9.08  | 9.8   | 10.4  | 10.4  | 10.4  |
| Cross-Slope from Inside edge of Pavement | 4.00% | 2.00% | 2.00% | 2.00% | 2.00% | 2.00% | 2.00%  | 2.00% | 2.00% | 2.00% | 2.00% | 2.00% | 2.00% | 2.00% | 2.00% | 2.00% | 2.00% | 2.00% | 2.00% | 2.00% |
| Drop from Inside edge of Pavement (mm)   | 72    | 36    | 36    | 36    | 36    | 36    | 36     | 44.4  | 55.8  | 68.6  | 83.2  | 99.6  | 117.6 | 137.2 | 158.6 | 181.6 | 196   | 208   | 208   | 208   |
| POINT LOCATION                           | (D)   |       |       |       |       |       | (C)    |       |       |       |       |       |       |       |       |       | (B)   |       |       | (A)   |

|  |   |                           |
|--|---|---------------------------|
| <b>M</b><br><b>METRIC VERSION</b>          | Iowa Department of Transportation<br>Highway Division |                           |
|  | <b>STANDARD ROAD PLAN RV-14A</b>                      |                           |
|  | REVISION: Modify notes.                               | REVISION NO.<br>2         |
|  | <br>APPROVED BY DESIGN METHODS ENGINEER               | REVISION DATE<br>04-18-06 |
| <b>MEDIAN CROSSOVER</b><br>(20.8 m MEDIAN) |   |                           |