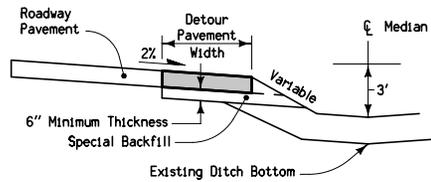
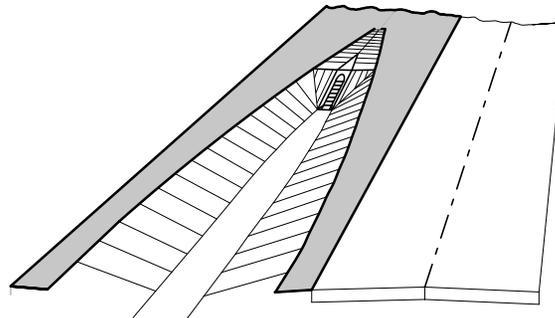


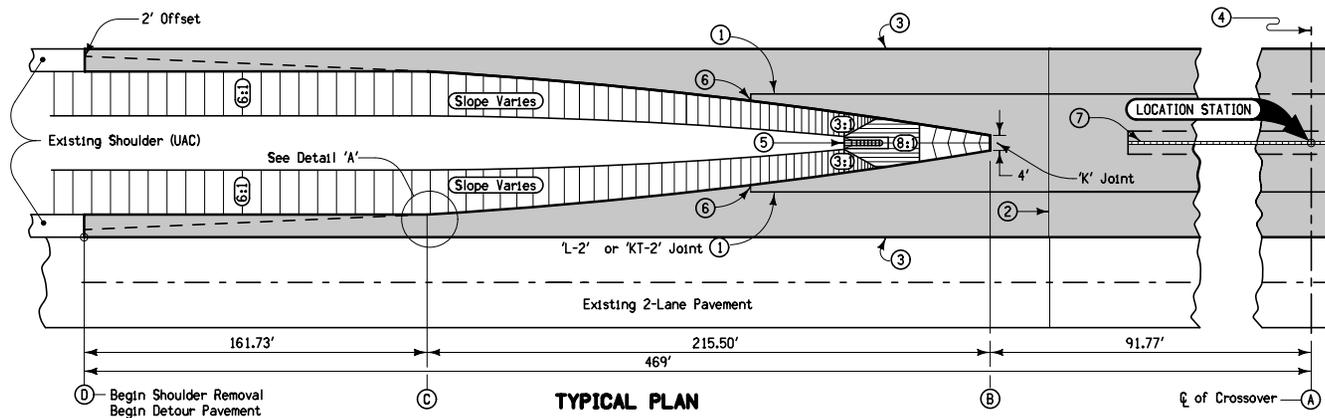
Detail 'A'



Section A-A



**PERSPECTIVE VIEW
DITCH SLOPE AND BEVELED PIPE**

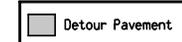


TYPICAL PLAN

Detour Pavement options: 9" PCC or 12" HMA

- ① 'L-2' or 'KT-2' spaced at one-quarter median width. See RH-51.
- ② Match existing roadway joints. 'CD' joints are required. See 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 RF-27.
- ⑥ 2 foot 'C' Joint.
- ⑦ Slotted drain for median crossover. See RF-45.

| Detour Pavement Sq. Yds. | Special Backfill Tons |
|--------------------------|-----------------------|
| 2740 | 1450 |



Possible Contract Items:

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

Possible Tabulation:

112-8

| Distance from Location Station (Feet) | 469 | 450 | 425 | 400 | 375 | 350 | 325 | 307.27 | 300 | 275 | 250 | 225 | 200 | 175 | 150 | 125 | 100 | 91.77 | 75.0 | 0 |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Offset from inside edge of Pavement (Feet) | 6.00 | 6.00 | 6.00 | 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 | 22.10 | 23.00 | 25.00 | 25.00 |
| Cross-Slope from inside edge of Pavement | 4.00% | 3.17% | 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 (Feet) | 0.24 | 0.19 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.13 | 0.15 | 0.18 | 0.22 | 0.26 | 0.30 | 0.34 | 0.39 | 0.44 | 0.46 | 0.50 | 0.50 |
| POINT LOCATION | (D) | | | | | | | (C) | | | | | | | | | | (B) | | (A) |

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <p>Iowa Department of Transportation</p> <p>STANDARD ROAD PLAN</p> <p>REVISIONS: Change reference from 500-12 to RF-27</p> <p style="text-align: right;"><i>Deanna Mifflin</i> APPROVED BY DESIGN METHODS ENGINEER</p> | REVISION 3 10-20-09 |
| | RV-12A |
| | SHEET 1 of 1 |
| MEDIAN CROSSOVER (50' MEDIAN) | |