

Removal

LEGEND:

COUNTY TOTAL SHEET NO. F.A.I. SECTION COOK 556 408 STA. FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

62300

* (1818, ETC, 2324,6-1P)R-8

NOTES:

- Adjust elevations and dimensions provided in the table as necessary for the East and West pipe invert elevations set in the field.
- 2. Adjust North and South connecting pipes to fit inside openings provided in Junction Chamber.
- 3. For additional connections to the North and South riser shafts, see Drainage Plans.
- 4. For As-Built drawings of the existing drop manholes, See Sheets JC-6 thru JC-22.
- 5. Adjust station and offset provided in the table for the Work Point (W.P.) to match location of existing drop manhole found in the field.
- 6. Contractor shall take care during removal of the existing drop manhole not to damage the existing clay drop shaft. Any repairs to the drop shaft shall not be measured for payment and shall be as directed by the Engineer.
- 7. Removal of the existing drop manhole shall be included in the cost of the Junction Chamber and shall include the existing frame and lid, riser shafts, ladder rungs, concrete, reinforcement, and weir wall as shown. See Special Provisions.
- 8. See Drainage Plans for location and abandonment/maintaining of existing storm sewers in drop manholes.

REMOVAL PLAN

Shown for South oriented Drop Shaft See As-Built plan info for other exist. information

| JÇ | T2 | 10-01 | ** |
|----|----|-------|-----|
| JC | T2 | 11-01 | *** |
| JC | T2 | 13-01 | ** |
| JC | T2 | 14-01 | *** |
| JC | T2 | 15-01 | ** |
| JC | T2 | 17-01 | ** |
| JC | T2 | 17-02 | *** |
| JC | T2 | 22-01 | *** |
| JC | T2 | 25-01 | *** |
| JC | T2 | 26-01 | *** |
| JC | T2 | 27-01 | ** |

TABLE OF JUNCTION CHAMBER INFORMATION

| Junction | | | Point | Existing Drop Manhole | | North | South | | <i></i> | West Pipe Connection | | | East Pipe Connection | | | | North Pipe Connection | | | | | South Pipe Connection | | | | | |
|-------------|---------------|---------|--------|-----------------------|------|----------|----------|--------|---------|----------------------|--------------|----------|----------------------|--------|-----------|--------------|-----------------------|--------|--------------|----------|-------|-----------------------|--------|--------------|----------|-------|-------|
| Chamber No. | Situature No. | Station | Offset | No. | Туре | Rim. EL. | Rim. EL. | EL. U | EL. D | Pipe φ | Pipe Opening | Inv. El. | С | Pipe φ | Pipe Open | ing Inv. El. | d | Pipe ø | Pipe Opening | Inv. El. | е | g | Pipe ø | Pipe Opening | Inv. El. | f | j |
| 3 | JC T2 10-01 | 2423+23 | -2.0 | - | B36S | 4.62 | 4.62 | -4.32 | -13.07 | 36" | 44" | -10.40 | 2'-9" | 24" | 30" | -10.40 | 3'-10" | - | - | - | - | - | - | - | - | - | - |
| 4 | | 2429+82 | -4.0 | - | B24S | 2.47 | 2.31 | -4.95 | -13.70 | 42" | 51" | -10.99 | 2'-2" | 42" | 51" | - 10.99 | 2'-2" | - | - | - | - | ·- | - | | - | - | - 1 |
| 5 | JC T2 13-01 | 2437+54 | -8.0 | | B36S | -1.24 | -1.28 | ~ 5.14 | -13.89 | - | - | - | - | 42" | 51" | V1.18 | 2'-2" | - | - | - | - | - | - | - | - | | - |
| 6 | JC T2 14-01 | 2445+54 | - 16.0 | - | B24S | 1.55 | 1.63 | - 5.39 | -14.14 | 36" | 44" | -10.45 | 2'-9" | 30" | 37" ∠ | 2 (-11.51 | 3'-4" | - | - | - | - | - | 12" | 16" | -9.55 | 4'-4" | 2'-0" |
| 7 | JC T2 15-01 | 2450+62 | -8.0 | - | B36S | -2.09 | -2.10 | -6.06 | - 14.81 | 36" | 44" | -12.14 | 2'-9" | 30" | 37" | 12.14 | 3'-4" | 12" | 16" | -9.02 | 2'-2" | 2'-0" | 15" | 20" | -9.02 | 2'-2" | 2'-0" |
| 8 | JC T2 17-01 | 2460+76 | -8.0 | - | B36S | -1.97 | -2.01 | -4.68 | -13.43 | 36" | 44" | -10.76 | 2'-9" | 30" | 37" | - 10.76 | 3'-4" | 12" | 16" | -7.91 | 2'-5" | 2'-0" | 15" | 20" | -8.44 | 3'-0" | 2'-0" |
| 9 | JC T2 17-02 | | - 7.0 | - | B24S | 2.01 | 1.94 | -3.70 | -12.45 | 36" | 44" | -9.78 | 2'-9" | 27" | 34" | -9.78 | 3'-7" | - | - | - | - | 2'-0" | 12" | 16" | -8.04 | 3'-6" | 2'-0" |
| 10 | JC T2 22-01 | 2494+18 | -5.0 | _ | B24S | 6.58 | 6.72 | 0.96 - | - 7.80 | - | - | - | - | 30" | 37" | - 5.17 | 3'-4" | 12" | 16" | -2.61 | 2'-9" | 2'-0" | 12" | 16" | -2.61 | 2'-9" | 2'-0" |
| | JC T2 25-01 | | -6.0 | - | B24N | 6.40 | 6.23 | -1.62 | -10.37 | - | - | - | - | 30" | 37" | -7.74 | 3'-4" | 12" | 16" | 0.09 | 2'-6" | 2'-0" | - | - | - | - | - |
| 12 | JC T2 26-01 | | - 7.0 | - | B24S | 9.04 | 9.12 | 1.84 | -6.91 | - | - | - | - | 24" | 30" | -4.33 | 3'-11" | 12" | 16" | -1.29 | 2'-4" | 2'-0" | - | - | - | - | - |
| 13 | JC T2 27-01 | 2522+92 | -5.0 | - | B36S | 1.80 | 1.99 | 0.16 | -8.59 | - | - | - | - | 30" | 37" | - 5.96 | 3'-4" | 12" | 16" | -4.81 | 4'-2" | 2'-0" | - | - | - | - | - |

SHEET JC-2 OF JC-22

ILLINOIS DEPARTMENT OF TRANSPORTATION ADDENDUM 2 9/16/05 F.A.I. 94/90 (DAN RYAN EXPRESSWAY) 31ST STREET TO 71ST STREET NB EXPRESS LANE RECONSTRUCTION JUNCTION CHAMBER, TYPE 2 REMOVAL PLAN

> SCALE: N.T.S. DATE: 07/07/05

DRAWN BY: DJM

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312 228 0.100
www.bbandainc.com