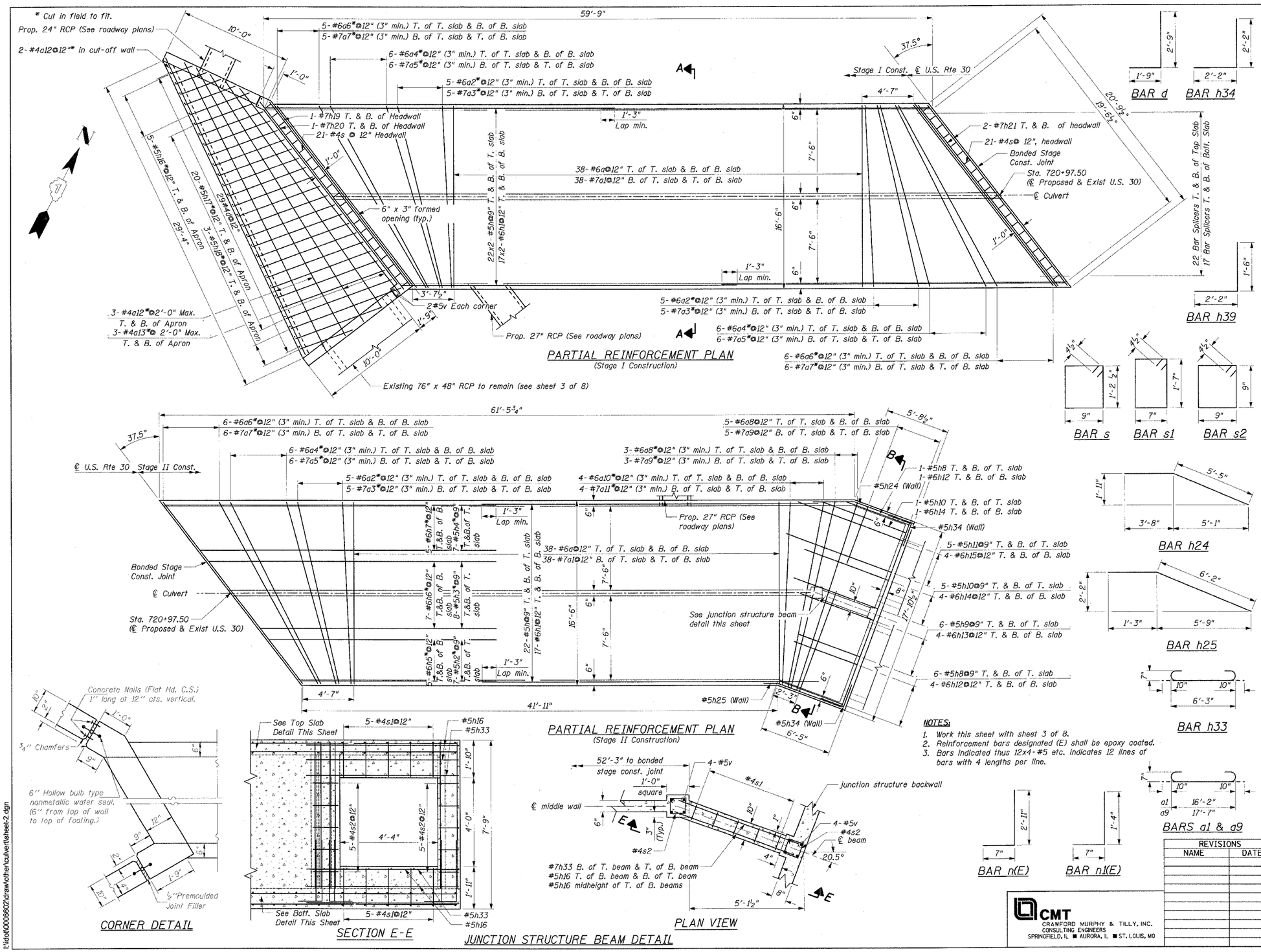
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 575 | (B&14) R-3 | WILL | 390 | 227 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 60961 | | | | |




## BAR SCHEDULE

Sheet 2 of 8

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| a | 152 | #6 | 16'-2" | |
| a1 | 152 | #7 | 17'-10" | |
| a2 | 30 | #6 | 16'-6" | |
| a3 | 30 | #7 | 16'-6" | |
| a4 | 36 | #6 | 18'-0" | |
| a5 | 36 | #7 | 18'-0" | |
| a6 | 34 | #6 | 20'-4" | |
| a7 | 34 | #7 | 20'-4" | |
| a8 | 16 | #6 | 17'-7" | |
| a9 | 16 | #7 | 19'-3" | |
| a10 | 8 | #6 | 16'-10" | |
| a11 | 8 | #7 | 16'-10" | |
| a12 | 8 | #4 | 29'-2" | |
| a13 | 6 | #4 | 25'-11" | |
| | | | | |
| d | 29 | #4 | 4'-6" | |
| | | | | |
| h | 202 | #5 | 30'-0" | |
| h1 | 102 | #6 | 30'-0" | |
| h2 | 14 | #5 | 20'-10" | |
| h3 | 16 | #5 | 25'-6" | |
| h4 | 14 | #5 | 29'-6" | |
| h5 | 10 | #6 | 20'-10" | |
| h6 | 14 | #6 | 25'-6" | |
| h7 | 10 | #6 | 29'-6" | |
| h8 | 14 | #5 | 5'-5" | |
| h9 | 12 | #5 | 6'-10" | |
| h10 | 12 | #5 | 8'-2" | |
| h11 | 10 | #5 | 9'-11" | |
| h12 | 10 | #6 | 5'-5" | |
| h13 | 8 | #6 | 6'-10" | |
| h14 | 10 | #6 | 8'-2" | |
| h15 | 8 | #6 | 9'-11" | |
| h16 | 18 | #5 | 5'-7" | |
| h17 | 40 | #5 | 10'-0" | |
| h18 | 8 | #5 | 10'-5" | |
| h19 | 2 | #7 | 20'-7" | |
| h20 | 2 | #7 | 21'-1" | |
| h21 | 4 | #7 | 20'-4" | |
| h22 | 7 | #5 | 12'-10" | |
| h23 | 7 | #5 | 23'-2" | |
| h24 | 7 | #5 | 9'-1" | |
| h25 | 7 | #5 | 7'-5" | |
| h26 | 14 | #4 | 8'-11" | |
| h27 | 8 | #4 | 3'-2" | |
| h28 | 16 | #5 | 2'-10" | |
| h29 | 8 | #4 | 9'-8" | |
| h30 | 20 | #4 | 3'-11" | |
| h31 | 8 | #4 | 1'-10" | |
| h32 | 6 | #5 | 17'-6" | |
| h33 | 4 | #7 | 7'-11" | |
| h34 | 10 | #5 | 4'-4" | |
| h35 | 12 | #5 | 3'-6" | |
| h36 | 6 | #5 | 2'-9" | |
| h37 | 8 | #5 | 4'-9" | |
| h38 | 16 | #5 | 2'-4" | |
| h39 | 4 | #5 | 3'-8" | |
| | | | | |
| n(E) | 30 | #5 | 3'-6" | |
| n1(E) | 4 | #5 | 1'-11" | |
| | | | | |
| s | 42 | #4 | 4'-8" | |
| s1 | 10 | #4 | 5'-1" | |
| s2 | 12 | #4 | 3'-9" | |
| | | | | |
| v | 508 | #5 | 7'-5" | |
| v1 | 14 | #5 | 2'-0" | |
| v2 | 8 | #5 | 2'-4" | |
| v3 | 14 | #5 | 3'-4" | |
| v4 | 48 | #5 | 7'-3" | |

## BILL OF MATERIAL

| Description | Unit | Quantity |
|---|---|---|
| REINFORCEMENT BARS | POUND | 38,310 |
| REINFORCEMENT BARS, EPOXY COATED | POUND | 120 |
| CONCRETE BOX CULVERTS | CU. YD. | 181.2 |
| EXPANSION BOLTS 3/4 INCH X 9 INCH | EACH | 34 |
| BAR SPLICERS | EACH | 78 |

**NOTES:**

1. Work this sheet with sheet 3 of 8.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Bars indicated thus 12x4-#5 etc. indicates 12 lines of bars with 4 lengths per line.

REVISIONS

| NAME | DATE |
|---|---|
| | |

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO

ILLINOIS DEPARTMENT OF TRANSPORTATION
BOX CULVERT REINFORCEMENT DETAILS I
FAP RTE. 575 (U.S.30)
U.S. ROUTE 30 OVER ROCK RUN CREEK
SECTION (B & 14) R-3 STA. 720+97.50
WILL COUNTY
S.N. 099-C002

SCALE: VERT. NONE
HORIZ.
DATE: 3/1/05
DRAWN BY: GRS
CHECKED BY: ATI

I:\ldot\0006602\drawother\culvertsheet-2.dgn