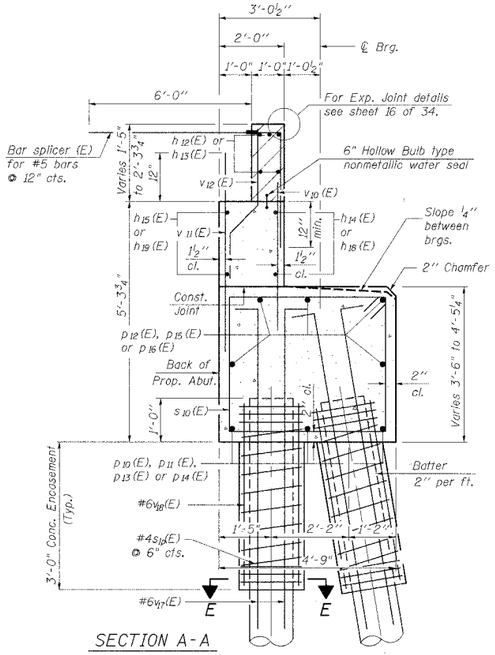
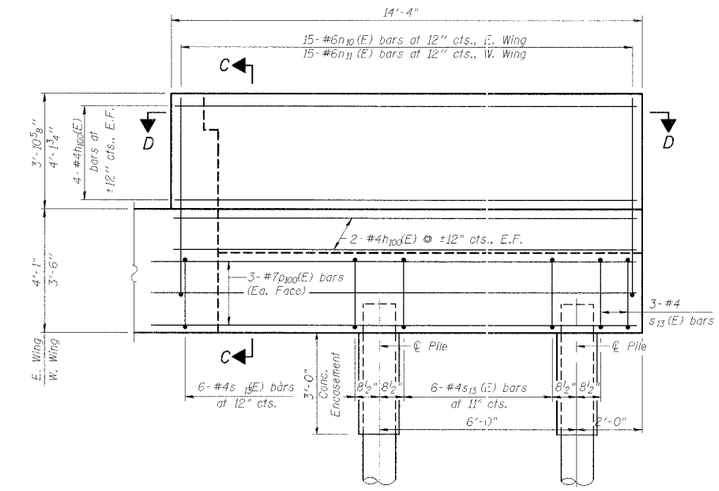
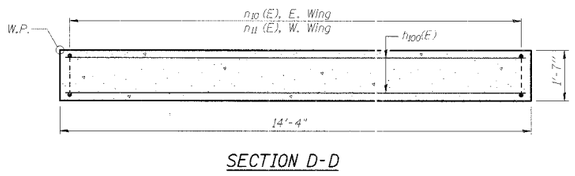
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 2666 | 00-00254-01-BR | LAKE | 70 | 48 |
| STA. 98+50 | | TO STA. 107+57 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

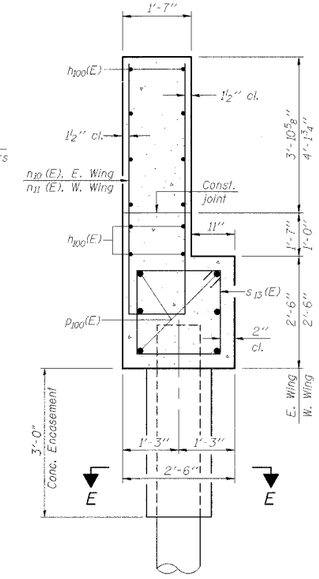
Sheet 25 of 35 Sheets
PROJECT NO. BHM-8003(213)
CONTRACT NO. 83875

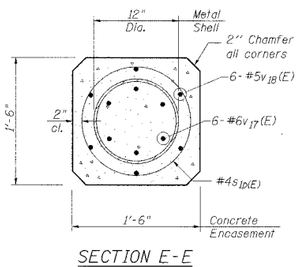
PROFILE / PLAN — SURVEYED / DRAWN / QUANTITIES CALCULATED / QUANTITIES CHECKED / NOTE BOOK / SEE PLANS NOTATING DATE, BY, NO.

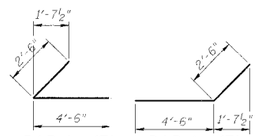


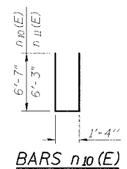



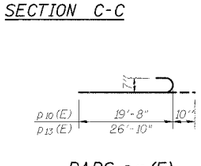



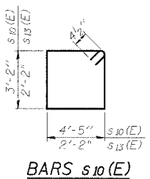



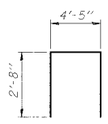


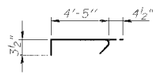


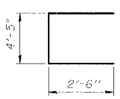


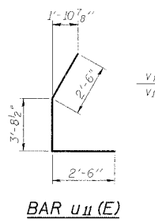



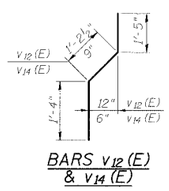



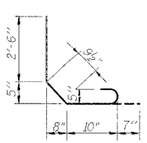



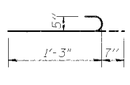



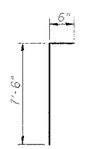




## BILL OF MATERIAL

| BAR | NO. | SIZE | LENGTH | SHAPE |
|---|---|---|---|---|
| h10(E) | 8 | #5 | 7'-0" | |
| h11(E) | 8 | #5 | 7'-0" | |
| h12(E) | 8 | #6 | 25'-3" | |
| h13(E) | 12 | #6 | 30'-6" | |
| h14(E) | 8 | #5 | 23'-3" | |
| h15(E) | 4 | #5 | 28'-10" | |
| h16(E) | 4 | #5 | 18'-0" | |
| h17(E) | 2 | #5 | 16'-4" | |
| h18(E) | 4 | #5 | 25'-0" | |
| h19(E) | 4 | #5 | 17'-10" | |
| h100(E) | 24 | #4 | 14'-0" | |
| | | | | |
| n10(E) | 15 | #6 | 14'-6" | |
| n11(E) | 15 | #6 | 13'-10" | |
| | | | | |
| p10(E) | 3 | #7 | 20'-6" | |
| p11(E) | 3 | #7 | 20'-10" | |
| p12(E) | 5 | #7 | 35'-2" | |
| p13(E) | 3 | #7 | 27'-8" | |
| p14(E) | 3 | #7 | 31'-3" | |
| p15(E) | 5 | #7 | 28'-5" | |
| p16(E) | 5 | #7 | 30'-0" | |
| p17(E) | 4 | #6 | 20'-7" | |
| p18(E) | 1 | #6 | 13'-6" | |
| p19(E) | 1 | #6 | 18'-5" | |
| p100(E) | 12 | #7 | 14'-0" | |
| | | | | |
| s10(E) | 73 | #4 | 15'-11" | |
| s11(E) | 16 | #4 | 9'-9" | |
| s12(E) | 35 | #4 | 5'-1" | |
| s13(E) | 30 | #4 | 9'-5" | |
| s18(E) | 17 | #4 | 50'-0" | |
| | | | | |
| u10(E) | 4 | #6 | 9'-5" | |
| u11(E) | 4 | #6 | 8'-9" | |
| | | | | |
| v10(E) | 90 | #5 | 3'-7" | |
| v11(E) | 90 | #5 | 3'-10" | |
| v12(E) | 90 | #4 | 4'-0" | |
| v13(E) | 45 | #5 | 2'-3" | |
| v14(E) | 45 | #4 | 3'-6" | |
| v15(E) | 45 | #5 | 4'-9" | |
| v16(E) | 46 | #5 | 1'-10" | |
| v17(E) | 102 | #6 | 8'-0" | |
| v18(E) | 102 | #5 | 4'-0" | |
| | | | | |
| Concrete Structures | | Cu. Yd. | 95.6 | |
| Reinforcement Bars, Epoxy Coated | | Pound | 9500 | |
| Furnishing Metal Pile Shells, 12" | | Foot | 880 | |
| Driving and Filling Shells | | Foot | 880 | |
| Test Pile Metal Shells | | Each | 1 | |
| Bar Splicers | | Each | 128 | |

## NOTES:

1. Work this sheet with sheet 24 of 34.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. For Bar Splicer details see sheet 29 of 34.
4. Cast steps monolithically with cap.
5. Space cap reinforcement to miss anchor bolts.
6. Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with concrete superstructure.

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

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

LAKE COUNTY DIVISION OF TRANSPORTATION

# SOUTH ABUTMENT DETAILS

BUFFALO GROVE ROAD
AT INDIAN CREEK BRIDGE
SECTION 00-00254-01-BR STATION 101+50.00
LAKE COUNTY STRUCTURE NO. 049-3043
SCALE: NONE DRAWN BY: TBW
DATE: 7/21/06 CHECKED BY: ATI, WK



I:\lakeco\02201113\drawi\sheets\struct\6-16-06\prop south abut details.dgn