

Contract 87351
BILL OF MATERIAL
(2 ABUTMENTS)

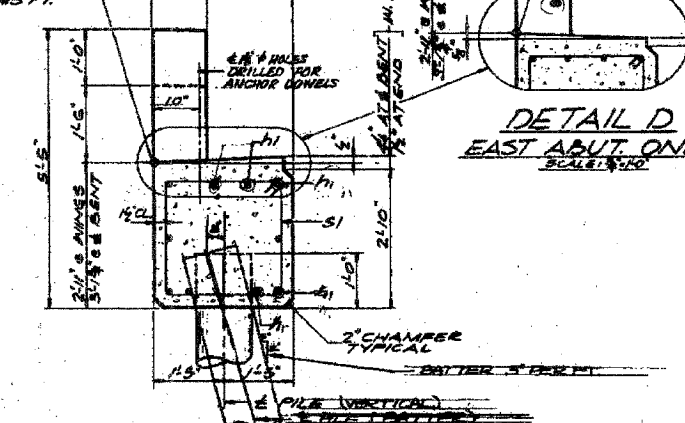
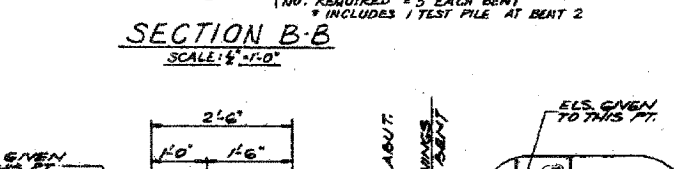
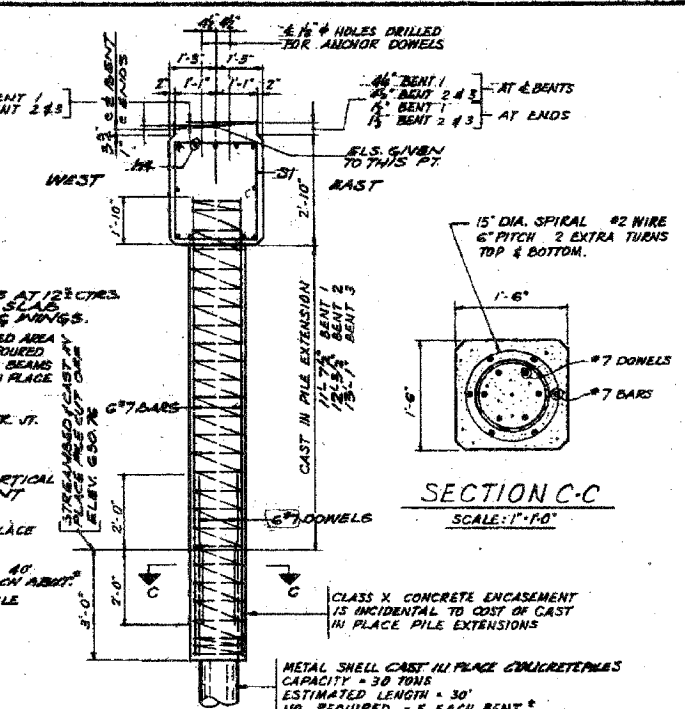
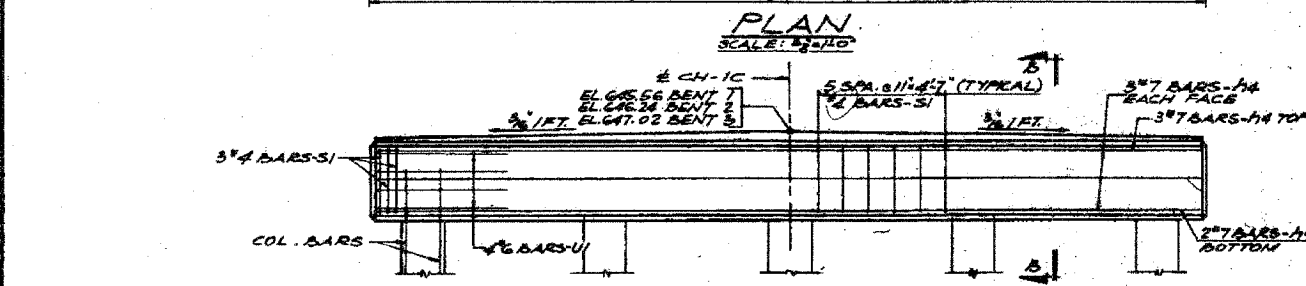
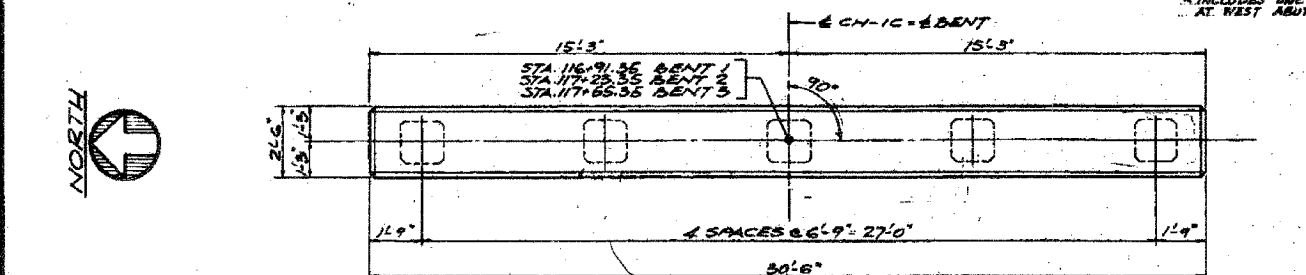
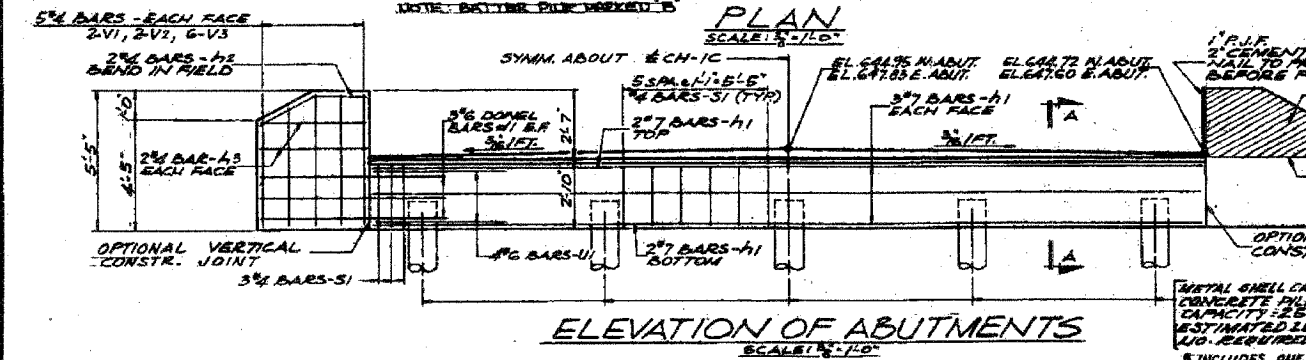
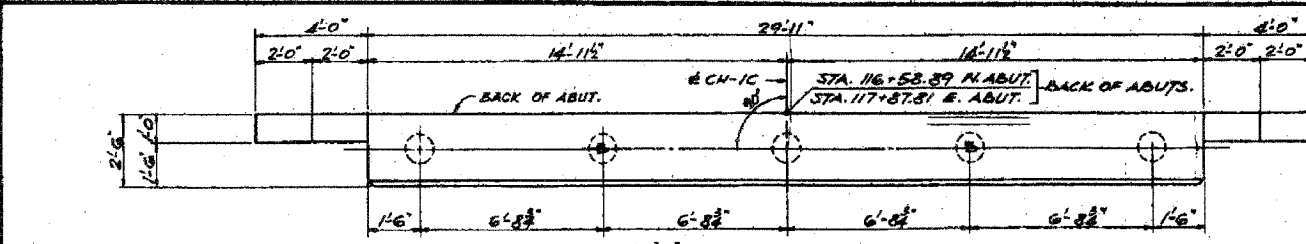
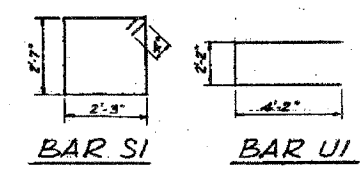
| BAR NO. | SIZE | LENGTH | SHAPE |
|---------|------|--------|--------|
| H1 | 20 | 27 | 27'-0" |
| H2 | 8 | 4 | 4'-0" |
| H3 | 16 | 4 | 5'-9" |
| V1 | 3 | 4 | 4'-3" |
| V2 | 8 | 4 | 4'-9" |
| V3 | 24 | 4 | 5'-3" |
| d1 | 24 | 6 | 6'-0" |
| U1 | 16 | 6 | 10'-6" |
| S1 | 40 | 4 | 10'-6" |

| | | |
|--|----------|------|
| CLASS X CONCRETE | CU.YDS. | 19.4 |
| REINFORCEMENT BARS | LBS. | 2292 |
| METAL SHELL CAST IN PLACE CONCRETE PILES | LIN. FT. | 360 |
| TEST PILES | EACH | 1 |

BILL OF MATERIAL
(3 BENTS)

| BAR NO. | SIZE | LENGTH | SHAPE |
|---------|------|--------|--------|
| H4 | 30 | 27 | 30'-0" |
| U1 | 24 | 6 | 10'-6" |
| S1 | 20 | 4 | 10'-6" |

| | | |
|--|----------|------|
| CLASS X CONCRETE | CU.YDS. | 25.6 |
| REINFORCEMENT BARS | LBS. | 3023 |
| METAL SHELL CAST IN PLACE CONCRETE PILES | LIN. FT. | 630 |
| TEST PILES | EACH | 1 |
| CAST IN PLACE PILE EXTENSIONS | LIN. FT. | 188 |



SECTION A-A EAST ABUT. SAME EXCEPT AS SHOWN OR NOTED

NOTE:
CONTRACTOR SHALL DRILL HOLES FOR DONNELLS IN PILE CAPS AFTER PRECAST BRIDGE SLAB UNITS ARE IN PLACE. SPACE REINFORCEMENT BARS TO AVOID INTERFERENCE WITH HOLES.

APPROVED _____
COUNTY SUPERINTENDENT OF HIGHWAYS

EXAMINED _____
ENGINEER OF BRIDGE & TRAFFIC STRUCTURES

PASSED _____
ENGINEER OF DESIGN

APPROVED _____
CHIEF HIGHWAY ENGINEER

ALFRED BENECH & COMPANY
CONSULTING ENGINEERS
119 S. WASHINGTON ST. CHICAGO, ILLINOIS

ABUTMENTS & BENTS
SOMONAUK CREEK BRIDGE
OVER SOMONAUK CREEK
SECTION 119A
LA SALLE COUNTY
STA. 117+23.35

1199

*Added 2-20-08