ROUTE	SECTION	COUNTY	TOT. SHTS.	SHT.
C.H. 9	91-00140-00-BR	JEFFERSON	11	1
JEFFERSON COUNTY ROAD DISTRICT				

95387

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
BRIDGE REPLACEMENT AND REHABILITATION PROGRAM

SECTION 91-00140-00-BR

C.H. 9 JEFFERSON CO.

PROJECT. NO. BRS-2827 (104)

JOB NO. C-97-006-04

CONTRACT NO. 95387

INDEX OF SHEETS

1. COVER SHEET-INDEX OF SHEETS, TYPICAL EXISTING AND PROPOSED CROSS-SECTIONS, SUMMARY OF QUANTITIES, LOCATION MAP, GENERAL NOTES.
2. PLAN AND PROFILE
3. GENERAL PLAN AND ELEVATION
4. P.P.C. DECK BEAMS SUPERSTRUCTURE - 35'
5. P.P.C. DECK BEAMS DETAILS - 48"
6. P.P.C. DECK BEAMS-PILE BENT ABUTMENT
7. P.P.C. DECK BEAMS-PILE BENT PIER
8. STEEL RAILING, TYPE S-1
9. NAMEPLATE
10. PILE DETAILS
11. CROSS-SECTIONS

STANDARDS

000001-04
280001-02
515001-02
631026-02
701001
701006-01
702001-03
BLR 21-6
BLR 22-4
BLR 23-1

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2002 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, ALL APPLICABLE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, AND THE SPECIAL PROVISIONS FOR THIS PROJECT.

PLAN ELEVATIONS ARE U.S.G.S. DATUM AND ARE THE ELEVATIONS OF THE FINISHED SURFACE.

ANY EXCAVATION DEEMED SUITABLE FOR USE BY THE ENGINEER SHALL BE USED IN THE EMBANKMENT.

THE CONTRACTOR SHALL SALVAGE FROM THE EXISTING STRUCTURE ANY MATERIALS DEEMED SALVAGEABLE BY THE ENGINEER AND SHALL STORE SAME ON THE RIGHT-OF-WAY FOR LATER REMOVAL BY THE JEFFERSON COUNTY HIGHWAY DEPARTMENT.

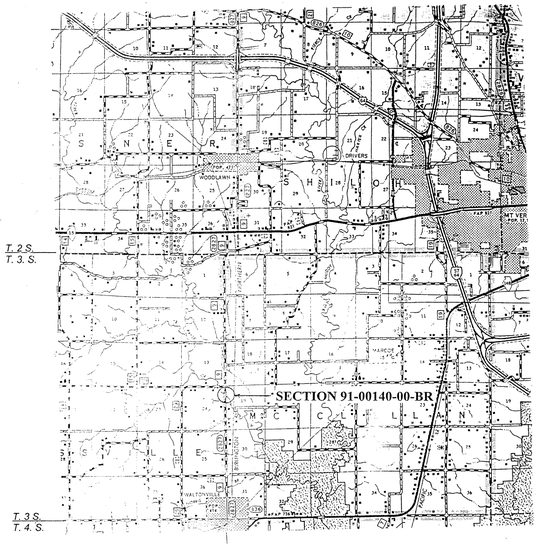
THE WORK IN THIS SECTION SHALL CONSIST OF THE CONSTRUCTION OF A THREE SPAN PRECAST PRESTRESSED CONCRETE DECK BEAM BRIDGE WITH OPEN ABUTMENTS ON CONCRETE CAPS AND ENCASED H PILES, EARTHWORK, DRAINAGE, AND ANY INCIDENTAL WORK NECESSARY TO COMPLETE THE SECTION.

UTILITIES

CONTEL & TRI-COUNTY ELECTRIC, CONTRACTOR SHALL CONTACT JULIE PRIOR TO WORK

J.U.L.I.E. 1-800-892-0123

SUMMARY OF QUANTITIES			
ITEM	CODE	UNIT	QUAN.
CONTROLLED LOW- STRENGTH MATERIAL	Z0013825	CU. YD.	23.3
EARTH EXCAVATION	20200100	CU. YD.	20
CHANNEL EXCAVATION	20300100	CU. YD.	646
SEEDING, CLASS 1	25000100	ACRE	0.2
STONE DUMPED RIPRAP, CLASS A4	28100807	TON	318
AGGREGATE SURFACE COURSE, TYPE B	40200800	TON	438
REMOVAL OF EXISTING STRUCTURES	50100100	EACH	1
STRUCTURE EXCAVATION	50200100	CU. YD.	46
CONCRETE STRUCTURES	50300225	CU. YD.	34
PRECAST PRESTRESSTED CONCRETE DECK BEAMS (21" DEPTH)	50400405	SQ. FT.	2,940
REINFORCEMENT BARS	50800105	POUND	3,200
STEEL RAILING, TYPE S1	50900205	FOOT	210
FURNISHING STEEL PILES HP 12x53	51201600	FOOT	356
DRIVING STEEL PILES	51202700	FOOT	356
TEST PILE STEEL HP 12X53	51203600	EACH	1
CONCRETE ENCASEMENT	51204315	CU. YD.	22.3
NAME PLATES	51500100	EACH	1
TRAFFIC BARRIER TERMINAL, TYPE 1	LR631020	EACH	2
TRAFFIC BARRIER TERMINAL, TYPE 5A	63100075	EACH	2



COLLECTOR
550 ADT
DESIGN SPEED 50 MPH

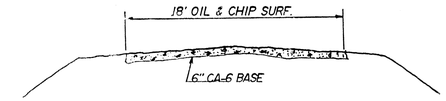
TOTAL SECTION LENGTH=420'=0.079 MI.
OMISSION=0.00'
NET SECTION LENGTH=420'=0.079 MI.

SCALE 0.6" = 1 MI.

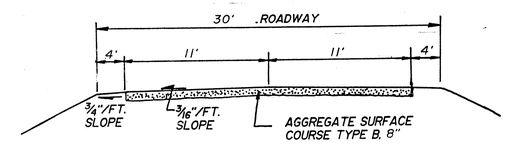
SECTION 91-00140-00-BR
BEGINS STA. 5+30
ENDS STA. 9+50

A THREE SPAN
PRECAST, PRESTRESSED, CONCRETE
DECK BEAM BRIDGE

PROPOSED STRUCTURE NO. 041-3658
EXISTING STRUCTURE NO. 041-3616



TYPICAL EXISTING CROSS SECTION



TYPICAL PROPOSED CROSS SECTION

THE ACCEPTANCE OF THIS PROJECT IS BASED ON THE MINIMUM DESIGN CRITERIA FOR A FEDERAL AID BRIDGE REPLACEMENT AND REHABILITATION ON THE COUNTY HIGHWAY SYSTEM

DIST. ENGR. LOCAL RDS. & STS.

THESE PLANS WERE PREPARED BY ME OR A FULL TIME MEMBER OF MY STAFF WORKING UNDER MY PERSONAL SUPERVISION.

COUNTY ENGINEER

LICENSE EXP. 11-30-03

ADDRESS:
750 OLD FAIRFIELD ROAD
MT. VERNON, ILLINOIS 62864

PHONE: 618-244-8031

JOHN S. SCHNAKE 62-33619 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PASSED 12-23, 2003

DISTRICT ENGINEER LOCAL ROADS AND STREETS

APPROVED 12-29, 2003

DISTRICT ENGINEER