STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 505	115 BR-1	WINNEBAGO	35	11
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 2
OF 12 SHEETS

Contract #64940

General Notes

1. Reinforcement bars shall conform to the requirements of AASHTO M31, or M322 Grade 60.
2. The option of using precast footings is not allowed.
3. The option of using precast wingwalls is not allowed.
4. The footing design is based on the following maximum reactions applied at the top of the footing/pedestal wall:

   Exterior footings: 18.9 kip/foot (vertical), 6.8 kip/foot (horizontal).
5. The Contractor shall verify that the selected structure meets these design parameters. If the design parameters are exceeded, a complete footing design with calculations, details and the required seals shall be submitted for review and approval.
6. The contractor shall drive one (1) metal shell test pile in a permanent location at the east structure footing as directed by the Engineer before ordering the remainder of metal shell piles.
7. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
8. Excavation behind existing abutment walls shall be done before removing the existing superstructure. The Contractor shall sawcut the existing abutments at the stage removal line before Stage I removal.
9. Excavation for wingwalls shall be considered included in cost of concrete structures.
10. Soil borings taken at this structure indicate that the ground water elevation may be above the bottom of footing elevation. The Contractor shall be responsible for dewatering the excavation as necessary for removal of the existing foundations and construction of the new work. The Contractor may use either well points or dewatering wells. Ground water level may be affected by Timothy Creek and fluctuations should be expected. Cost included with Three-Sided Precast Concrete Structures.
11. Backfill material shall be installed as noted on the provisions for Three Sided Precast Concrete Structure. The backfill material gradation, compaction and installation method shall conform to the pre-cast structure manufacturer's requirements. This work shall be included in the contract unit price per meter (foot) for Three Sided Precast Concrete Structures of the size specified, as indicated in the provisions and plan notes.

TOTAL BILL OF MATERIALS

ITEM	UNIT	SUPER	SUB	TOTAL
STONE RIPRAP, CLASS A4	SQ YD			402
REMOVAL OF EXISTING STRUCTURES	EACH			1
CONCRETE STRUCTURES	CU YD		74.9	74.9
REINFORCEMENT BARS	POUND		5900	5900
REINFORCEMENT BARS, EPOXY COATED	POUND		1280	1280
FURNISHING METAL PILE SHELLS 12"	FOOT		2003	2003
DRIVING AND FILLING SHELLS	FOOT		2003	2003
TEST PILE METAL SHELLS	EACH		1	1
TEMPORARY SHEET PILING	SQ FT			2046
NAME PLATES	EACH	1		1
THREE-SIDED PRECAST CONCRETE STRUCTURES 36'X11'	FOOT	41.9		41.9
BAR SPLICERS	EACH		24	24
FILTER FABRIC	SQ YD			402

For Quantity of Steel Plate Guardrail, Attached to Structures see roadway plans.

Index of Bridge Plans

DESIGNED	JLS
CHECKED	JDA
DRAWN	NOE
CHECKED	JLS

GENERAL NOTES AND BILL OF MATERIALS
IL RTE 75 OVER
TIMOTHY CREEK
FAP ROUTE 505
SECTION 115BR-1
WINNEBAGO COUNTY
STA. 63+23.20
SN 101-0183