

SUMMARY OF QUANTITIES
CONSTRUCTION TYPE CODE: X080 - 2A

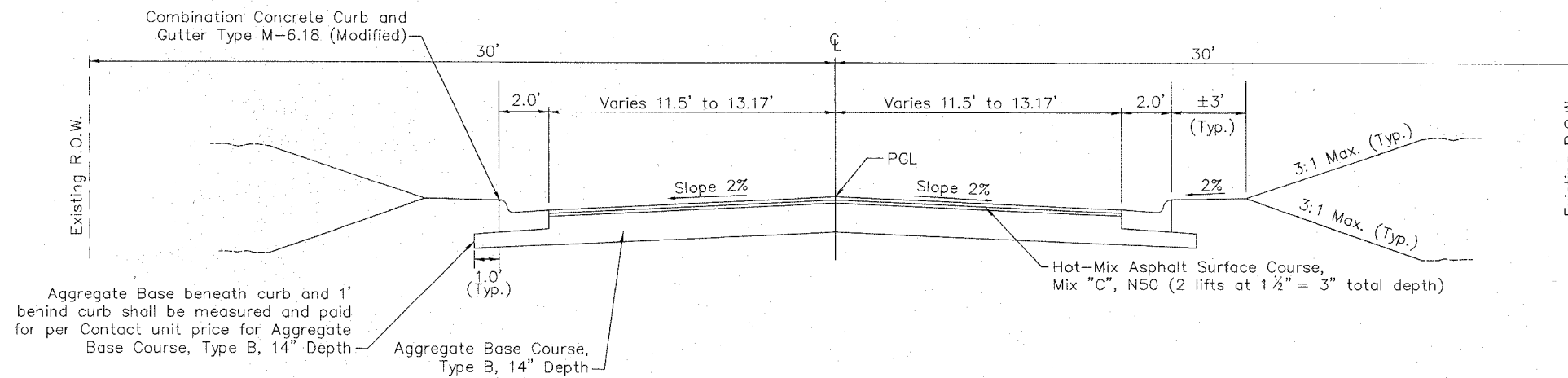
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 0683E	04-09116-00-BR	WINNEBAGO	15	2
		ILLINOIS	FED. AID PROJECT	

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
20100110	TREE REMOVAL (6 - 15 UNITS DIAMETER)	UNIT	48
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	102
20200100	EARTH EXCAVATION	CU YD	710
20700220	POROUS GRANULAR EMBANKMENT	CU YD	71
20800150	TRENCH BACKFILL	CU YD	15
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	450
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	9
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	9
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	9
25200100	SODDING	SQ YD	450
25200200	SUPPLEMENTAL WATERING	UNIT	21
28100109	STONE RIPRAP, CLASS A5	SQ YD	315
28200200	FILTER FABRIC	SQ YD	520
28400100	GABIONS	CU YD	125
35102000	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	70
35102600	AGGREGATE BASE COURSE, TYPE B, 14"	SQ YD	375
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL.	150
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	93
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	10
44000100	PAVEMENT REMOVAL	SQ YD	366
* 44213200	SAWCUT	FOOT	90
50100100	REMOVAL OF EXISTING STRUCTURE	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	210
50300225	CONCRETE STRUCTURES	CU YD	74
50300280	CONCRETE ENCASEMENT	CU YD	4.4
50400205	PRECAST PRESTRESSED CONCRETE DECK BEAMS (11" DEPTH)	SQ FT	1484
50800105	REINFORCEMENT BARS	POUND	8131
50901050	STEEL RAILING, TYPE SM	FOOT	98
51201005	FURNISHING METAL SHELL PILES, 12"	FOOT	523
51202305	DRIVING PILES	FOOT	523
51203200	TEST PILE METAL SHELLS	EACH	2
51500100	NAME PLATES	EACH	1
550A0050	STORM SEWER, CLASS A, TYPE 1, 12"	FOOT	28
550A0070	STORM SEWER, CLASS A, TYPE 1, 15"	FOOT	15
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	16.5
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	294
* 60240100	INLETS, TYPE A, SPECIAL W/SPECIAL FRAME & GRATE	EACH	1
* 60242400	INLETS, SPECIAL	EACH	2
60500060	REMOVING INLETS	EACH	2
* 60610100	COMBINATION CONC CURB & GUTTER, TYPE M-6.18(MOD.)	FOOT	230
67100100	MOBILIZATION	L.S.	1
* 70101700	TRAFFIC CONTROL AND PROTECTION	L.S.	1
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	142
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
* XX003952	TEMPORARY EROSION CONTROL COMPLETE	L.S.	1
* X5510100	STORM SEWER REMOVAL	FOOT	59
* Z0013798	CONSTRUCTION LAYOUT	L.S.	1

GENERAL NOTES

- The contractor shall be required to topsoil and sod all areas disturbed by all construction activities, to the satisfaction of the engineer. This work shall be performed according to the applicable portions of sections 211 and 252 of the Standard specifications. The final top four inches of soil in any area disturbed by the contractor must be a cohesive soil capable of supporting vegetation. All material and labor required to complete this work shall be paid for at the Contract Unit Price for the appropriate item.
- Clearing of existing saplings, brush, etc. required in order to construct abutments, piers, gabions and riprap slopes, shall be performed in accordance with section 201 of the standard specifications and shall not be paid for separately, but shall be included with the cost of Earth Excavation. Removal of trees as shown on the plans shall be paid for at the Contract Unit Price for Tree Removal of the size specified. Contractor shall coordinate all tree removal activities with the Engineer prior to starting construction. Refer to Tree Removal note on plan and profile sheet.
- The Contractor shall carefully protect and be responsible for all trees and shrubs directly adjacent to the construction limits. Other private property shall be similarly protected. Contractor shall remove and replace the existing mailbox near the southwest corner of the existing structure. Contractor shall provide a temporary mailbox if the relocated box will be removed for any period of time greater than one (1) day. This work will not be paid for separately but should be included in the Cost of Earth Excavation.
- The work included on these plans shall reference the Standard Specifications for Road and Bridge Construction adopted January 1, 2007 and the latest Supplemental Specifications and Recurring Special Provisions.
- All debris resulting from construction operations shall be properly disposed of off-site. Removal and disposal of unsalvageable material shall conform to the requirements of section 202.03. The existing bridge railing, approach railing and signs shall be removed in accordance with the plans and specifications. The Contractor shall store signs and reinstall as directed by the Engineer. This work shall be included in the cost of Structure Removal with no additional compensation.
- A nationwide 404 permit has been issued for this project, and the conditions of the permit must be adhered to. See special provisions.
- Backfill shall be placed behind the abutments in accordance with article 502.10 of the standard specifications. The abutment backfill material shall be in accordance with section 207 and shall be measured and paid for at the Contract Unit Price for Porous Granular Embankment.
- All exposed concrete edges shall have a 1" chamfer, unless noted otherwise. Chamfer on the vertical edges shall be continued a minimum of one foot below finished ground level. Exposed concrete shall be given a normal finish which shall be included with the cost per cubic yard for Concrete Structures.
- The locations of existing water main, gas main, sewers, electric power lines, telephone lines and other utilities as shown on the plans are based on the best information available, but they are not guaranteed. All utility locations shown are supplied by the utility companies. It is the contractor's responsibility to ascertain their exact location from the utility companies, and by field inspection. It shall be the responsibility of the Contractor to protect all existing utilities.
- Final gabions locations may be varied in the field to suit ground conditions or as directed by the Engineer.
- Excavation required for the construction of the gabion walls, sediment removal at structure limits, and riprap placement will not be paid for separately, but shall be included in the Contract Unit Price for Earth Excavation. Also, pavement removal and excavation of the existing residential drives as shown on the plans shall not be paid for separately but shall be included with Earth Excavation.
- Contractor shall provide positive drainage at all times within the construction area.
- Erosion control features as needed shall be incorporated into the construction at the earliest possible time to limit erosion and stream pollution and shall be maintained until acceptance of the project. This work shall be included in the Contract Unit Price for Temporary Erosion Control Complete.
- The Contractor shall notify the Engineer immediately if any discrepancies are encountered between the plans and specifications and the existing field conditions.
- All materials, labor, and equipment required to furnish and install the PPC deck beams including the cost of furnishing and installing the dowels, bearing pads and associated items, as shown on the plans shall be included in the Contract Unit Price of Precast, Prestressed Concrete Deck Beams (11" depth).
- The Contractor shall carefully preserve all existing property markers until referenced by a Licensed Professional Land Surveyor. Property markers damaged by the Contractor shall be replaced at the expense of the Contractor at no additional expense to the Contract.
- The existing roadway pavement to be removed consists of approximately 2 inches of asphalt thickness overlaying 11 inches of concrete with integral curbing. The removal of these items will not be paid for separately but shall be measured by the square yard and paid for at the Contract Unit Price for Pavement Removal.

* See special provisions
Δ Specialty Items



TYPICAL SECTION

SUMMARY OF QUANTITIES,
GENERAL NOTES, TYPICAL SECTION

BROOKVIEW ROAD BRIDGE
OVER SPRING CREEK
ROCKFORD ROAD DISTRICT
WINNEBAGO COUNTY
SECTION 04-09116-00-BR
STATION 13+12
STRUCTURE NO. 101-3096

Mixture Uses(s):	Surface
PG:	PG 58-22
Design Air Voids	3.0 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5
Friction Aggregate	C
20 Year ESAL	0.02
Mix Unit Weight	112 lbs/sy/in