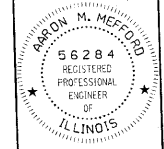




PROFESSIONAL DESIGN FIRM  
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
184-00087  
(62-082435)(35-002769)



AARON M. MEFFORD  
NAME  
SIGNATURE  
8-3-10  
DATE  
11-30-11  
EXPIRES

FAS 1884  
OVER ELLIOTT CREEK TRIBUTARY  
WHITE COUNTY, ILLINOIS

SHEET TITLE:  
PLAN & PROFILE

SCALE: VARIES  
BY: AMM  
DATE: 8/2010  
REV:

2 OF 12  
SHEETS  
SHEET NO.  
2

**GENERAL NOTES:**

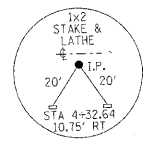
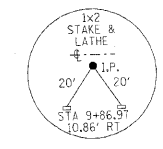
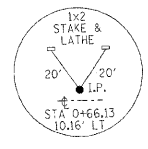
THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007.

THE WORK INVOLVED ON THIS SECTION CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE, THE CONSTRUCTION OF A 50 FOOT LONG SINGLE SPAN PRECAST, PRESTRESSED CONCRETE DECK BEAM BRIDGE, EARTH APPROACHES, AGGREGATE SURFACE COURSE AND OTHER MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THIS SECTION.

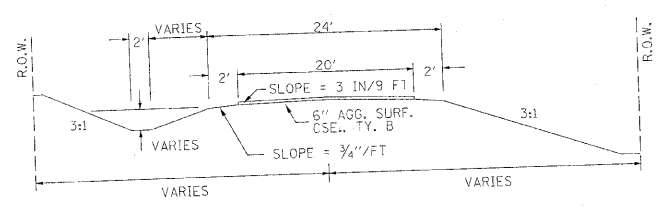
ALL ELEVATIONS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL THE UTILITIES, AFFECTING THE PROJECT, PRIOR TO CONSTRUCTION.

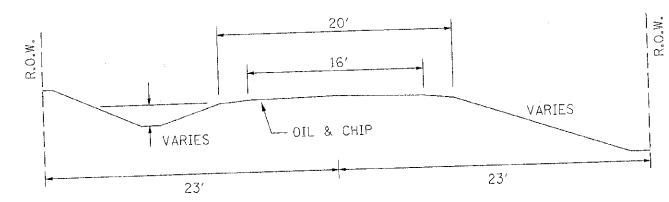
NOTE: CONSTRUCTION TRANSITIONS  
STA 1+65 TO STA 2+00  
STA 8+00 TO STA 8+50  
ALL QUANTITIES ARE INCLUDED IN THE PROPOSAL



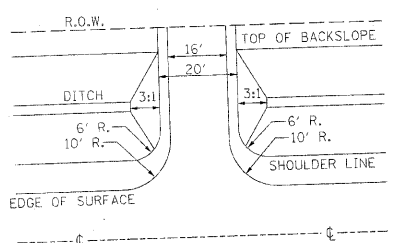
**TYPICAL CROSS SECTION PROPOSED**



**TYPICAL CROSS SECTION EXISTING**



**FIELD ENTRANCE DETAIL**



NOTE: CONSTRUCT SPECIAL DITCH

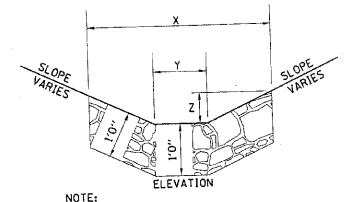
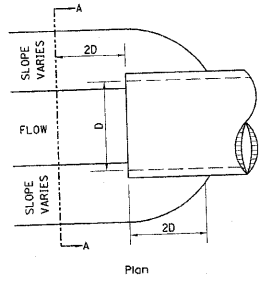
STA 1+65 TO STA 4+79 LT & RT  
STA 5+19 TO STA 8+50 LT  
STA 5+17 TO STA 8+50 RT

NOTE: CONSTRUCT STONE RIPRAP DITCH

STA 4+50 TO STA 4+79 LT & RT (0.62 TON/LIN FT)  
STA 5+19 TO STA 5+50 LT (0.62 TON/LIN FT)  
STA 5+17 TO STA 5+50 RT (0.62 TON/LIN FT)  
75 TON STONE RIPRAP DITCH ALLOWED IN PROPOSAL.

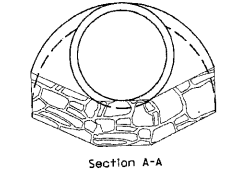
SEE STONE RIPRAP DITCH DETAIL.

**STONE RIPRAP DITCH DESIGN**



NOTE:

BOTTOM OF DITCH	SLOPE		
2 FT	1 1/2:1	2:1	3:1
	X = 5 FT	6 FT	8 FT
	Y = 2 FT	2 FT	2 FT
	Z = 1 FT	1 FT	1 FT
	0.40	0.48	0.62 TON/LIN. FT



NOTE: FOR PLACEMENT, QUALITY GRADATION AND OTHER MISCELLANEOUS REQUIREMENTS FOR STONE RIPRAP DITCH-SEE SPECIAL PROVISIONS.

SECTION 09-00114-00-BR BEGINS STA 1+65

SECTION 09-00114-00-BR ENDS STA 8+50

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

CROSSVILLE WATER  
1-618-966-2237

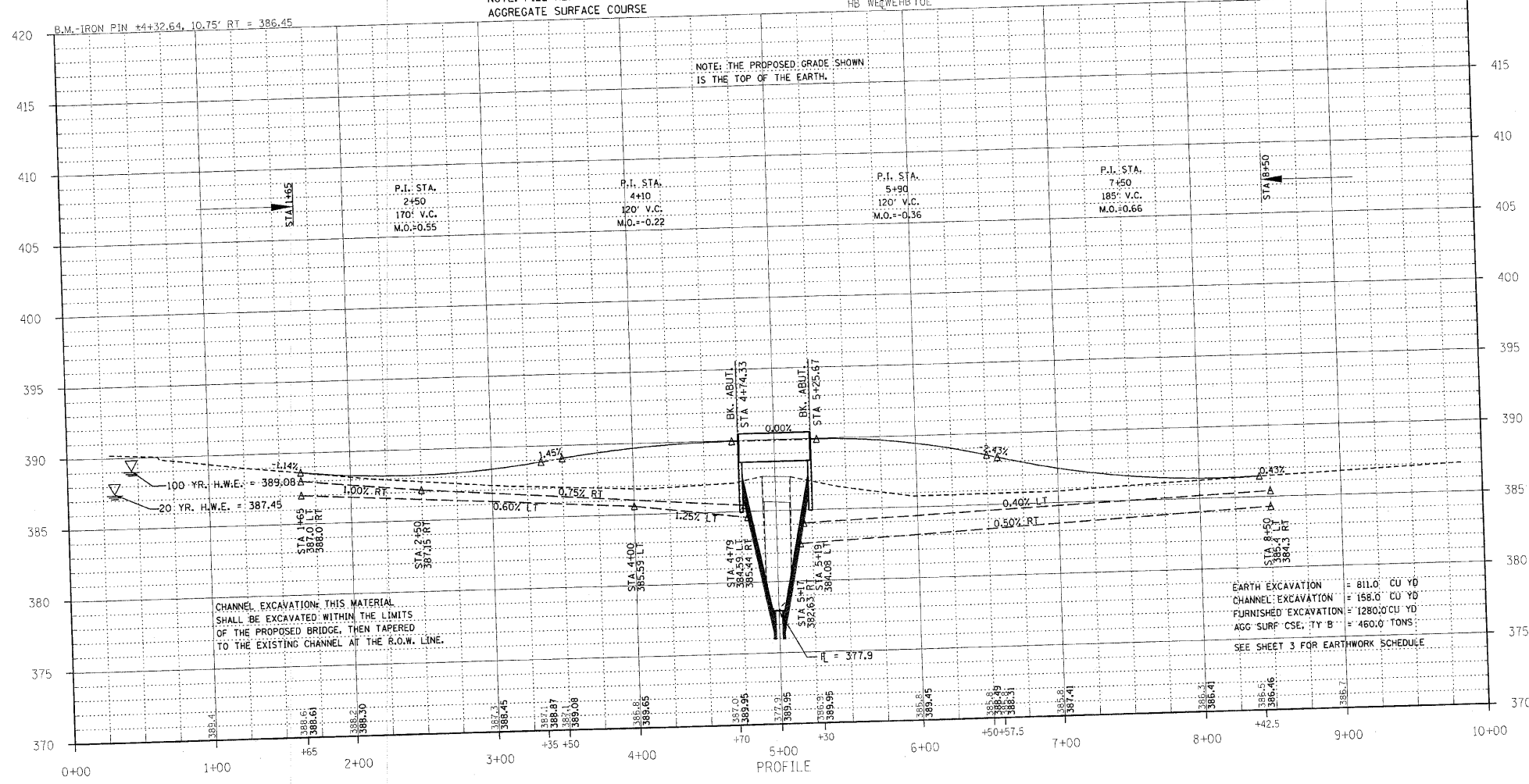
CROSSVILLE TELEPHONE  
1-618-966-2196

AMEREN CIPS  
1-888-789-2477

EXISTING BRIDGE STA 5+00.5; STRUCTURE NUMBER: 097-3019  
A 18' LONG SINGLE SPAN BRIDGE WITH 18" CONCRETE DECK WITH 1" CURB ON WOOD CAPS ON WOOD PILING WITH WOOD MUDWALLS AND WOOD WINGWALLS. ALSO HAS BRIDGE RAILING.

ONE (1) EACH-REMOVAL OF EXISTING STRUCTURES ALLOWED IN THIS PROPOSAL.

NOTE: FILL NEXT TO BRIDGE TO BE AGGREGATE SURFACE COURSE



PROPOSED STRUCTURE: NO. 097-3268, STA 5+00.  
A 50' LONG SINGLE SPAN P.P.C.D.B. BRIDGE WITH 21" DEPTH BEAMS, SPILL THROUGH TYPE ABUTMENTS, 24' WIDTH, 0° SKEW.  
SEE SHEETS 5-12 FOR THE DESIGN AND BILL OF MATERIALS.

22.0 UNIT TREE REMOVAL (OVER 15 UNITS DIAMETER)  
48.0 FOOT TEMPORARY DITCH CHECKS  
9.0 TON AGGREGATE (EROSION CONTROL)  
0.7 ACRES SEEDING, CLASS 2 SPECIAL REQUIRED

NOTE: THE PROPOSED GRADE SHOWN IS THE TOP OF THE EARTH.

CHANNEL EXCAVATION: THIS MATERIAL SHALL BE EXCAVATED WITHIN THE LIMITS OF THE PROPOSED BRIDGE, THEN TAPERED TO THE EXISTING CHANNEL AT THE R.O.W. LINE.

EARTH EXCAVATION = 811.0 CU YD  
CHANNEL EXCAVATION = 158.0 CU YD  
FURNISHED EXCAVATION = 1280.0 CU YD  
AGG SURF CSE, TY B = 460.0 TONS  
SEE SHEET 3 FOR EARTHWORK SCHEDULE