

FAS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
881	07-00104-00-BR	WHITE	16	1
FED. ROAD DIST. NO. 8 ILLINOIS		FED. AID PROJECT		
PROJECT# BRS-881(117)		CONTRACT# 99451		
JOB # C-99-513-08		BEAR CREEK		
LEC JOB # HD031005WH				

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P.O. BOX 160
MT. CARMEL, IL
62863
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(618)-262-8651
FAX:
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405 W. STATE ST.
SUITE 1
PRINCETON, IN
47670
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PROFESSIONAL
DESIGN FIRM
LAND SURVEY &
PROFESSIONAL
ENGINEERING
CORPORATION
184-000887
(62-032435)(35-002769)



AARON M. MEFFORD
NAME
Aaron M. Mefford
SIGNATURE
10-18-11
DATE
11-30-13
EXPIRES

F.A.S. 881
OVER BEAR CREEK
WHITE COUNTY, ILLINOIS

SHEET TITLE:
TITLE SHEET
SCALE: VARIES
BY: AMM
DATE: 10/19/11
REV:
1 OF 16
SHEETS
SHEET NO.
1

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET & SUMMARY OF QUANTITIES
2	PLAN & PROFILE, TYPICAL SECTIONS, GENERAL NOTES & STONE RIPRAP DITCH DESIGN
3-4	ROADWAY CROSS SECTIONS
5-16	BRIDGE DESIGN

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED IN THE PROPOSAL:

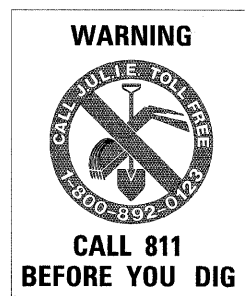
000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
515001-03	NAME PLATE FOR BRIDGES
701901-02	TRAFFIC CONTROL DEVICES
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO-WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	68.00
20300100	CHANNEL EXCAVATION	CU YD	275.00
20400800	FURNISHED EXCAVATION	CU YD	64.00
28000305	TEMPORARY DITCH CHECKS	FOOT	7.00
28000400	PERIMETER EROSION BARRIER	FOOT	920.00
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	240.00
28200200	FILTER FABRIC	SQ YD	170.00
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	365.00
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.00
50300225	CONCRETE STRUCTURES	CU YD	42.20
50300280	CONCRETE ENCASEMENT	CU YD	16.80
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	2280.00
50800105	REINFORCEMENT BARS	POUND	4330.00
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	186.00
51201400	FURNISHING STEEL PILES 10X42	FOOT	1170.00
51202305	DRIVING PILES	FOOT	1170.00
51500100	NAME PLATES	EACH	1.00
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	20.00
* 67100100	MOBILIZATION	L SUM	1.00
* K1005420	SEEDING (SPECIAL)	SQ YD	34.00
* X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.20

Δ SPECIALTY ITEMS

DESIGN DESIGNATION:
DESIGN SPEED: 30 MPH
HIGHWAY CLASS - LOCAL ROAD
EXISTING STRUCTURE NO.: 097-3029
PROPOSED STRUCTURE NO.: 097-3271
CURRENT A.D.T. = 180
CONTRACT NO. 99451



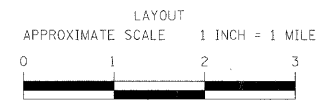
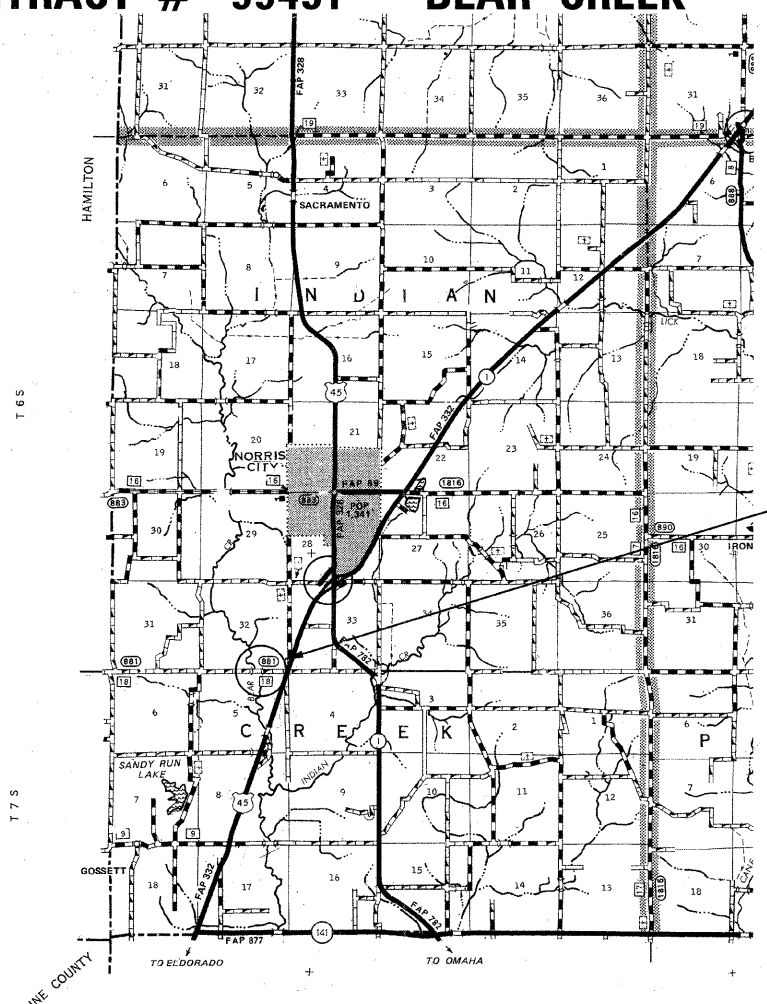
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL-AID SECONDARY PROJECT

F.A.S. 881 WHITE COUNTY SECTION 07-00104-00-BR

PROJECT NO. BRS-881(117) JOB NO. C-99-513-08

CONTRACT # 99451 BEAR CREEK



GROSS LENGTH	500.00 FT	0.095 MILES
OMISSIONS	0.00 FT	0.000 MILES
NET LENGTH	500.00 FT	0.095 MILES

PLAN	1" = 50'	
PROFILE	1" = 50'	
PROFILE VERT.	1" = 5'	
CROSS SECTION	1" = 5'	

SECTION 07-00104-00-BR
BEGINS STATION 1+75

STATION 5+00, STRUCTURE NO. 097-3271
A 95' LONG TRIPLE SPAN (25', 45', 25')
PRECAST PRESTRESSED CONCRETE DECK
BEAM BRIDGE (21" DEPTH, 24" ROADWAY,
0.00% GRADE, 10° RT. FWD. SKEW.

SECTION 07-00104-00-BR
ENDS STATION 6+75

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 10/18/2011
Brian Ray
COUNTY ENGINEER

PASSED 11/3/2011
Dennis W. Hill
ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW: 11/3/2011
Omer M. Osman
OMER M. OSMAN, P.E.
ACTING DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER