

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

# PLANS FOR PROPOSED HIGHWAY BRIDGE PROGRAM

**T.R. 107 HAMILTON COUNTY SECTION 09-09115-00-BR**

**PROJECT NO. BROS-065(049) JOB NO. C-99-558-09**

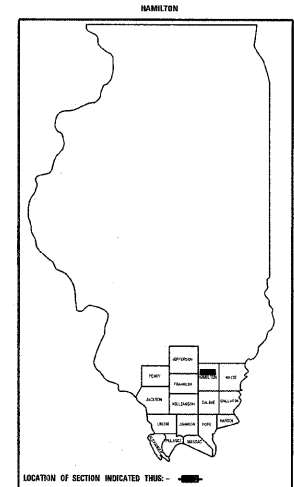
**CONTRACT # 99465 TRIBUTARY BIG CREEK**

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
107	09-09115-00-BR	HAMILTON	12	1
FED. ROAD DIST. NO. 9 ILLINOIS		FED. AID PROJECT		
PROJECT # BROS-065(049)		CONTRACT # 99465		
JOB # C-99-558-09		TRIBUTARY BIG CREEK		
LEC JOB # H091014HM				

405 W. STATE ST  
SUITE 1  
PRINCETON, IN  
47670  
PHONE:  
(812)-386-7611  
FAX:  
(812)-385-2812



PROFESSIONAL DESIGN FIRM  
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
184-000887  
(62-032435)(35-C32769)



### INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET & SUMMARY OF QUANTITIES
2	PLAN & PROFILE, TYPICAL SECTIONS & GENERAL NOTES
3-4	ROADWAY CROSS SECTIONS
5-12	BRIDGE DESIGN

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

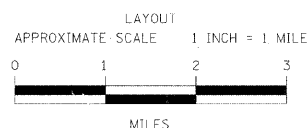
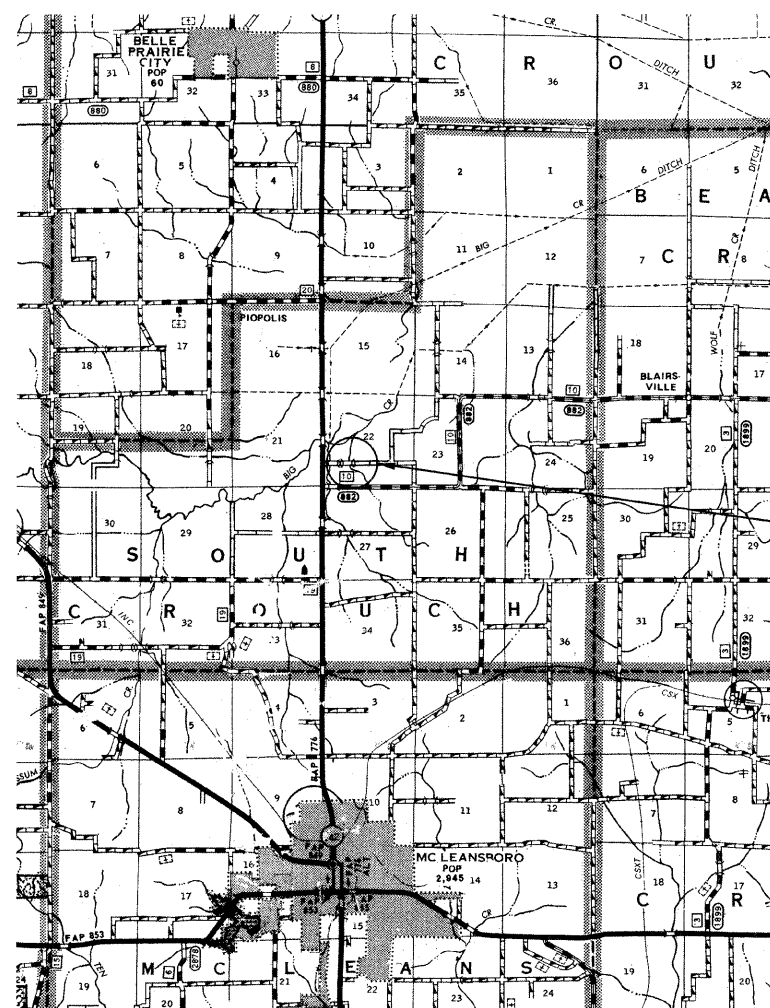
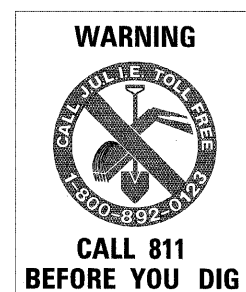
000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
515001-03	NAME PLATE FOR BRIDGES
70:301-02	TRAFFIC CONTROL DEVICES
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC 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	212.00
20300100	CHANNEL EXCAVATION	CU YD	301.00
20400800	FURNISHED EXCAVATION	CU YD	293.00
*28000305	TEMPORARY DITCH CHECKS	FOOT	14.00
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	260.00
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	315.00
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.00
50300225	CONCRETE STRUCTURES	CU YD	22.80
50300280	CONCRETE ENCASEMENT	CU YD	2.80
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SO FT	1320.00
50800105	REINFORCEMENT BARS	POUND	2420.00
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	109.00
51201400	FURNISHING STEEL PILES HP10X42	FOOT	240.00
51202305	DRIVING PILES	FOOT	240.00
51500100	NAME PLATES	EACH	1.00
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	40.00
67100100	MOBILIZATION	L SUM	1.00
*X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.40
*Z0068900	STONE LINED DITCH	TON	48.00

Δ SPECIALTY ITEMS

DESIGN DESIGNATION:  
 DESIGN SPEED: 30 MPH  
 HIGHWAY CLASS - LOCAL ROAD  
 EXISTING STRUCTURE NO.: 033-3242  
 PROPOSED STRUCTURE NO.: 033-3311  
 CURRENT A.D.T. = 15  
 CONTRACT NO. 99465



GROSS LENGTH	485.00 FT	0.092 MILES
OMISSIONS	0.00 FT	0.000 MILES
NET LENGTH	485.00 FT	0.092 MILES

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

SECTION 09-09115-00-BR  
BEGINS STATION 2+50

STATION 5+00, STRUCTURE NO. 033-3311  
A 55' LONG SINGLE SPAN PRECAST  
PRESTRESSED CONCRETE DECK BEAM  
BRIDGE (21" DEPTH), 24' ROADWAY,  
0.00% GRADE, 15° RT. FWD. SKEW.

SECTION 09-09115-00-BR  
ENDS STATION 7+35

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED 2/7/2012  
*Kemi D. [Signature]*  
COUNTY ENGINEER

PASSED 4/9/2012  
*Dennis W. Hill*  
ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW 4/9/2012  
*Omer Osman*  
OMER OSMAN, P.E.  
ACTING DEPUTY DIRECTOR OF HIGHWAYS  
REGION FIVE ENGINEER

TOWNSHIP ROUTE 107  
OVER TRIBUTARY BIG CREEK  
HAMILTON COUNTY, ILLINOIS

SHEET TITLE:

TITLE SHEET

SCALE: VARIES

BY: AMM

DATE: 2012

REV:

1 OF 12

SHEETS

SHEET NO.

1