

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

# PLANS FOR PROPOSED HIGHWAY BRIDGE PROGRAM

**T.R. 454 HAMILTON COUNTY SECTION 08-01116-00-BR**

**PROJECT NO. BROS-065(045) JOB NO. C-99-527-08**

**CONTRACT # 99442 SOUTHERN OUTLET**

### INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET & SUMMARY OF QUANTITIES
2	PLAN & PROFILE, TYPICAL SECTIONS & GENERAL NOTES
3-4	ROADWAY CROSS SECTIONS
5-13	BRIDGE DESIGN

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

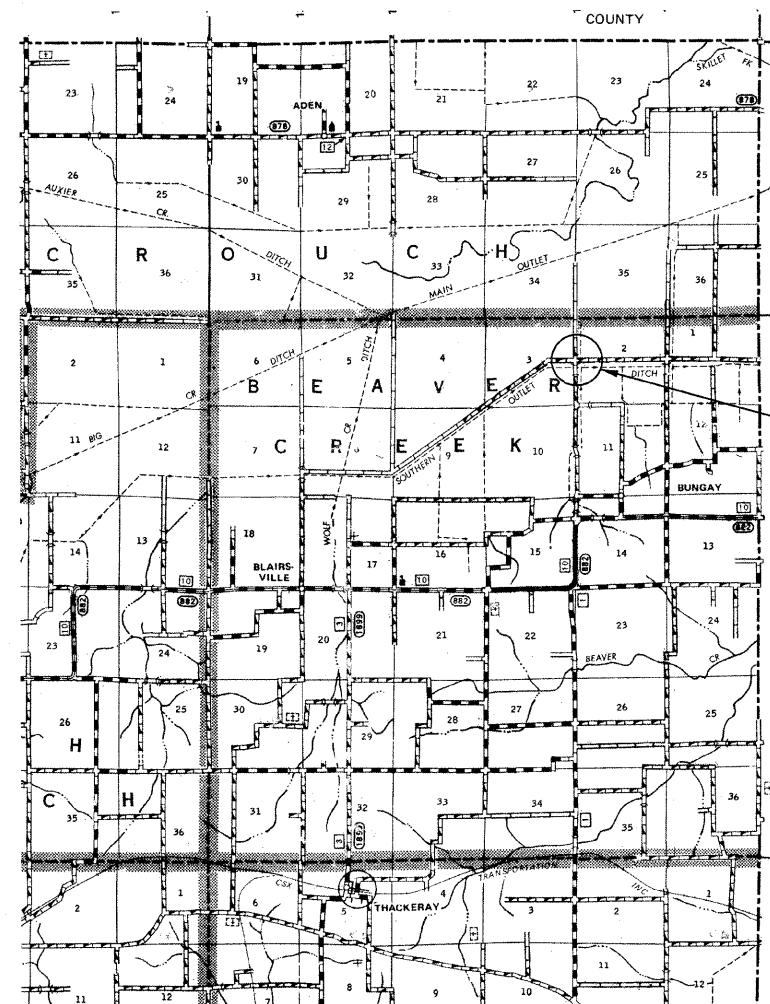
000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
515001-03	NAME PLATE FOR BRIDGES
701901-01	TRAFFIC CONTROL DEVICES
B.L.R. 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
B.L.R. 22-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO-WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

### SUMMARY OF QUANTITIES

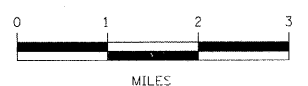
CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	9.00
20300100	CHANNEL EXCAVATION	CU YD	55.00
20400800	FURNISHED EXCAVATION	CU YD	88.00
28001000	AGGREGATE (EROSION CONTROL)	TON	17.00
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	380.00
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	180.00
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.00
50300225	CONCRETE STRUCTURES	CU YD	23.80
50300280	CONCRETE ENCASEMENT	CU YD	2.60
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SO FT	1680.00
50800105	REINFORCEMENT BARS	POUND	2530.00
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	140.00
51201600	FURNISHING STEEL PILES HP12X53	FOOT	400.00
51202305	DRIVING PILES	FOOT	400.00
51500100	NAME PLATES	EACH	1.00
67100100	MOBILIZATION	L SUM	1.00
*X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.10

Δ SPECIALTY ITEMS

DESIGN DESIGNATION:  
 DESIGN SPEED: 30 MPH  
 HIGHWAY CLASS - LOCAL ROAD  
 EXISTING STRUCTURE NO.: 033-3127  
 PROPOSED STRUCTURE NO.: 033-3313  
 CURRENT A.D.T. = 10  
 CONTRACT NO. 99442



LAYOUT  
 APPROXIMATE SCALE 1 INCH = 1 MILE



GROSS LENGTH	303.00 FT	0.057 MILES
OMISSIONS	0.00 FT	0.000 MILES
NET LENGTH	303.00 FT	0.057 MILES

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

SECTION 08-01116-00-BR  
 BEGINS STATION 2+50

STATION 5+00, STRUCTURE NO. 033-3313  
 A 70' LONG SINGLE SPAN PRECAST  
 PRESTRESSED CONCRETE DECK BEAM  
 BRIDGE (27" DEPTH), 24' ROADWAY,  
 0.00% GRADE, 0° SKEW.

SECTION 08-01116-00-BR  
 ENDS STATION 5+53

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

APPROVED 2/1/2011  
  
 COUNTY ENGINEER

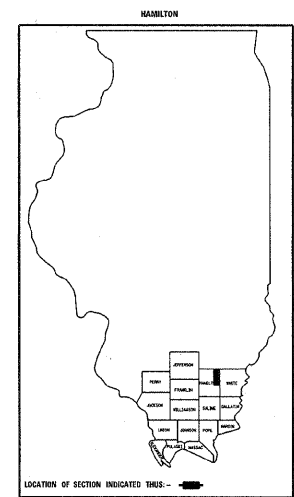
PASSED 3/15/2011  
  
 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
 BASED ON LIMITED  
 REVIEW 3/15/2011  
  
 MARY C. LAMIE, P.E.  
 DEPUTY DIRECTOR OF HIGHWAYS  
 REGION FIVE ENGINEER

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
454	08-01116-00-BR	HAMILTON	13	1

FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT  
 PROJECT# BROS-065(045) CONTRACT# 99442  
 JOB # C-99-527-08 SOUTHERN OUTLET  
 LEC JOB # H091019HM

323 W. 3RD ST.  
 P.O. BOX 160  
 MT. CARMEL, IL  
 62863  
 PHONE:  
 (618)-262-8651  
 FAX:  
 (618)-263-3327



PROFESSIONAL DESIGN FIRM  
 LAND SURVEY &  
 PROFESSIONAL  
 ENGINEERING  
 CORPORATION  
 184-00087  
 (62-032435)(35-002769)



AARON M. MEFFORD  
 NAME  
  
 SIGNATURE  
 2/1/11  
 DATE  
 11-30-11  
 EXPIRES

TOWNSHIP ROUTE 454  
 OVER SOUTHERN OUTLET  
 HAMILTON COUNTY, ILLINOIS

SHEET TITLE:

TITLE SHEET

SCALE: VARS

BY: AMM

DATE: 3/15/11

REV:

1 OF 13

SHEETS

SHEET NO.

1