

ROUTE	SECTION	COUNTY	TOWNSHIP	TOTAL SHEETS	SHEET NUMBER
T.R. 51	04-01182-00-BR	UNION	SEC 31, T11S, R2W	15	1
JOB NO. C-99-549-04			PROJECT NO. BROS-181 (26)		
RHINE ROAD			CONTRACT NO. 99218		

### INDEX OF SHEETS

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7	GENERAL PLAN AND ELEVATION
8	P.P.C. DECK BEAM SUPERSTRUCTURE 24' ROADWAY - 27" BEAMS - 50' SPAN - 30° SKEW LEFT
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10	P.P.C. DECK BEAM DETAILS 24' ROADWAY - 27" X 48" BEAMS
11	P.P.C. DECK BEAM - PILE BENT ABUTMENT 24' ROADWAY - 27" BEAMS - 30° SKEW LEFT
12	STEEL RAILING, TYPE S1
13	NAME PLATE
14	PILE DETAILS
15	SOIL BORING LOGS

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED BRIDGE REPLACEMENT & REHABILITATION PROGRAM SECTION 04-01182-00-BR UNION COUNTY TOWNSHIP ROAD 51 - RHINE ROAD JOB NO. C-99-549-04 PROJECT NO. BROS-181 (26) CONTRACT NO. 99216 TRIBUTARY TO CLEAR CREEK

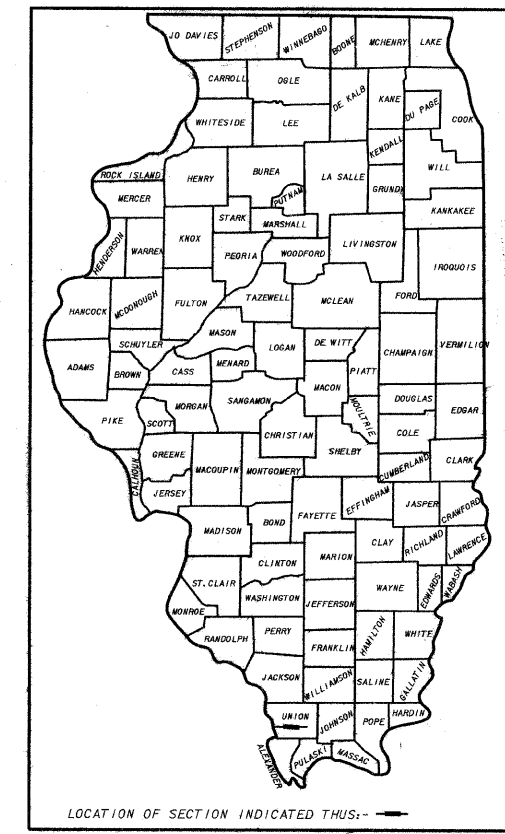
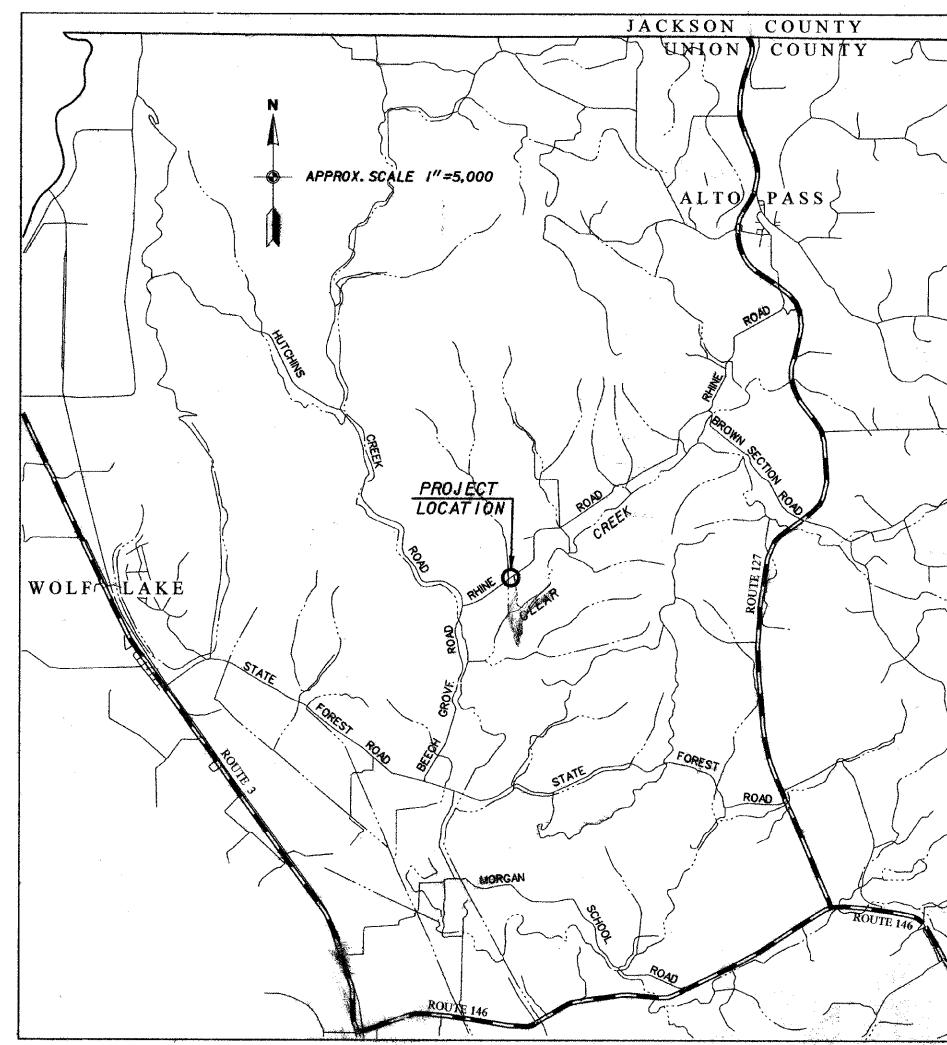
### LIST OF STANDARDS

STD. NO.	DESCRIPTION
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
701901-01	TRAFFIC CONTROL DEVICES
720011-01	METAL POST FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A&B METAL POSTS (FOR SIGNS & MARKERS)
B.L.R. 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

### SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	X081-2A AWARDED QUANTITY	AS-BUILT QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	62	
20100500	TREE REMOVAL, ACRES	ACRE	0.1	
20200410	EARTH EXCAVATION (SPECIAL)	CU YD	420	
20400800	FURNISHED EXCAVATION	CU YD	1,150	
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.9	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	90	
28000305	TEMPORARY DITCH CHECKS	FOOT	44	
28000400	PERIMETER EROSION BARRIER	FOOT	550	
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	300	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	600	
50400100	REMOVAL OF EXISTING STRUCTURES	EACH	1	
50300225	CONCRETE STRUCTURES	CU YD	21.4	
50300280	CONCRETE ENCASEMENT	CU YD	2.1	
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1,200	
50800105	REINFORCEMENT BARS	POUND	2,620	
* 50900205	STEEL RAILING, TYPE S1	FOOT	100	
51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	360	
51202305	DRIVING PILES	FOOT	360	
51203200	TEST PILE METAL SHELLS	EACH	2	
51500100	NAME PLATES	EACH	1	
67100100	MOBILIZATION	L SUM	1	
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	
72000100	SIGN PANEL - TYPE 1	SQ FT	12.5	
72900210	METAL POST - TYPE B	EACH	2	
* 78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	4	

\* SPECIALTY ITEMS

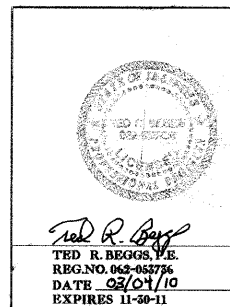


J.U.L.I.E - 1-800-892-0123  
CLASSIFICATION - LOCAL ROAD  
A.D.T. - 50  
DESIGN SPEED - 30MPH

**SCALES**  
PLAN 1 INCH = 20 FEET  
PROFILE 1 INCH = 20 FEET HORIZ.  
PROFILE 1 INCH = 5 FEET VERT.  
CROSS SECTIONS 1 INCH = 5 FEET HORIZ.  
CROSS SECTIONS 1 INCH = 5 FEET VERT.

**LAYOUT**  
APPROXIMATE SCALE: 1 INCH = 0.947 MILE  
NET LENGTH OF PROJECT = 600 FT. = 0.11 MI.

SCALE AS SHOWN	PLANS PREPARED BY J. T. BLANKINSHIP, INC. CONSULTING ENGINEERS	BOOK 461-N FILE NO. E*8580 SHEET NO.
DATE JAN. 2008	401 S. 17TH STREET MURPHYSBORO, ILLINOIS	



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	March 5 2010 <i>Kevin Grammer</i> KEVIN GRAMMER - UNION COUNTY ENGINEER
PASSED	MARCH 17 2010 <i>Dennis W. Hillbrenner</i> DENNIS HILLEBRENNER-DISTRICT 9 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	March 24 2010 <i>Mary C. Lame</i> MARY C. LAME, P.E. - DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER