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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
LOCAL AGENCY IMPROVEMENT
FEDERAL AID B.R.R.P. PROJECT
FAS 840 DOUGLAS-FREEBURG ROAD (C.H. 47)
PROJECT NO. ACBRS-840(102)
SECTION 00-00196-08-BR
ST. CLAIR COUNTY
JOB NO C-98-340-04

SECTION NO.	COUNTY HIGHWAY	COUNTY	SHEET OF SHEETS
00-00196-08-BR	47	ST. CLAIR	1 OF 18
FHWA REG. NO. 7 ILLINOIS		FEDERAL AID PROJECT	
CONTRACT 97257			

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	62
20300100	CHANNEL EXCAVATION	CU YD	614
25000200	SEEDING, CLASS 2	ACRE	0.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	18
25100630	EROSION CONTROL BLANKET	SQ YD	877
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	20
28000400	PERIMETER EROSION BARRIER	FOOT	475
28100713	STONE DUMPED RIPRAP, CLASS A7	SQ YD	650
28200200	FILTER FABRIC	SQ YD	650
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	103
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	240
44000100	PAVEMENT REMOVAL	SQ YD	229
48202800	BITUMINOUS SHOULDERS SUPERPAVE 10"	SQ YD	157
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	58.6
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	5031
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4810
50901005	STEEL BRIDGE RAIL, TYPE SM	FOOT	280
51201600	FURNISHING STEEL PILES HP12x53	FOOT	2999
51202700	DRIVING STEEL PILES	FOOT	2999
51203600	TEST PILE STEEL HP12x53	EACH	2
51204315	CONCRETE ENCASEMENT	CU YD	48.4
51204600	METAL SHOES	EACH	28
* 51205200	TEMPORARY SHEET PILING	SQ FT	706
51500100	NAME PLATES	EACH	1
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	560
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	1120
* 63100037	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	4
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4
* 67100100	MOBILIZATION	L SUM	1
* 70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1
* 70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1
* 70106700	TEMPORARY RUMBLE STRIP	EACH	6
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	225
70400100	TEMPORARY CONCRETE BARRIER	FOOT	515
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	402
70500615	TEMPORARY TRAFFIC BARRIER TERMINAL TYPE 1	EACH	2
70500675	TEMPORARY TRAFFIC BARRIER TERMINAL TYPE 8	EACH	2
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	705
78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	8
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
78300100	PAVEMENT MARKING REMOVAL	SQ FT	55
* X0974300	SIGN REMOVAL	EACH	12
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	94
X4073081	BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) (SUPERPAVE) 10"	SQ YD	103
* Z0002600	BAR SPLICERS	EACH	48
* Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2
* Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2

*: SPECIAL PROVISIONS
Δ: SPECIALTY ITEM
Call Joint Utility Locating Information for Excavators (J.U.L.I.E.) before digging 800-892-0123

SMITHTON TOWNSHIP T.1S., R.8W.
S.W. CORNER SECTION 23

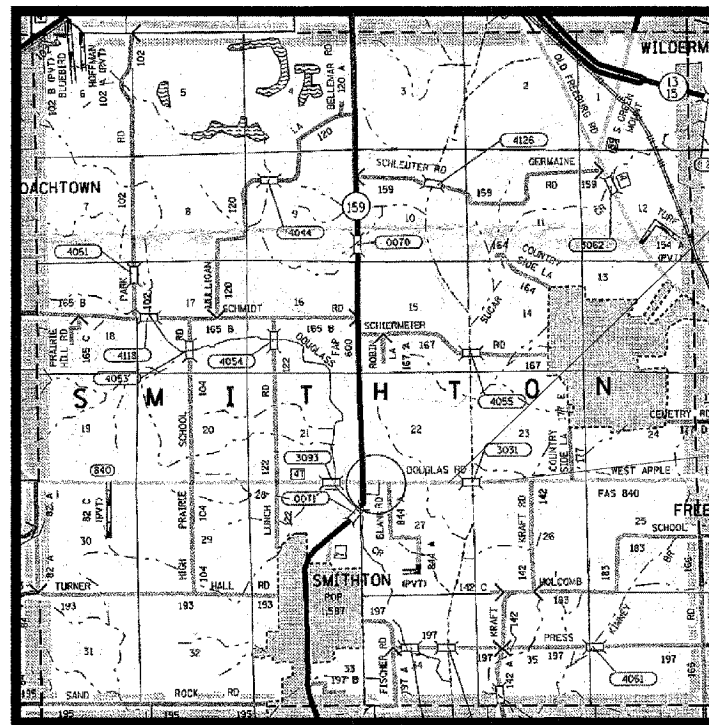
CONTRACT NO. 97257

Rev. 11-2-05

X081-2A

FAS 840 DOUGLAS-FREEBURG ROAD (C.H. 47)
PROJECT NO. ACBRS-840(102)
SECTION 00-00196-08-BR
ST. CLAIR COUNTY
JOB NO C-98-340-04

PLAN PROFILE 1:40
HORIZ 1:40
VERT 1:40
CROSS SECTIONS
HORIZ 1:10
VERT 1:10



LOCATION MAP

STANDARDS

000001-04	631026-02
280001-02	635006-02
420401-05	667101
515001-02	701321-08
630001-05	702001-05
630301-03	704001-02
BLR 23-1	780001-01

LENGTH OF STRUCTURE = 141.50 ft (0.027 mi)
LENGTH OF ROADWAY = 98.50 ft (0.019 mi)
TOTAL LENGTH OF PROJECT = 240.00 ft (0.045 mi)

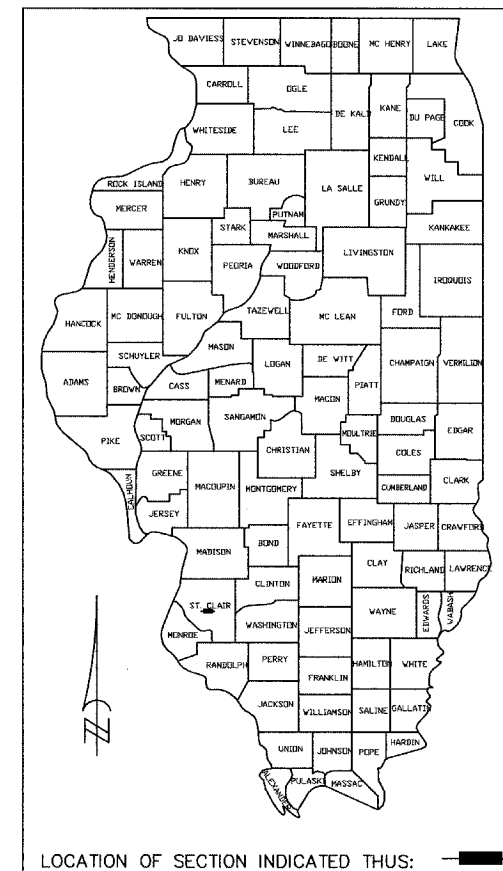


SCALE IN MILES

SECTION 00-00196-08-BR
BEGINS STATION 50+65.78

SECTION 00-00196-08-BR INCLUDES REMOVING AN EXISTING THREE (44'-56'-44") SPAN, 25' WIDE CAST-IN-PLACE DECK BRIDGE AND CONSTRUCTING A THREE (40'-60'-40") SPAN, 36' WIDE PRECAST, PRESTRESSED CONCRETE DECK BRIDGE AT STA. 51+85.80.

SECTION 00-00196-08-BR
ENDS STATION 53+05.78



These plans were prepared by me or by a full-time member of my staff working under my personal supervision.

August 26, 2005

Darrell I. Cates

DARRELL I. CATES, P.E.

County Engineer

License Number 62-042908

License Expiration Date: November 30, 2005



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED August 26, 2005

Darrell Cates
LOCAL AGENCY OFFICIAL

PASSED 9-14, 2005

Annmar Obertus
DISTRICT ENGINEER OF
LOCAL ROADS & STREETS

APPROVED 9-14, 2005

Mary C. Lamie
MARY C. LAMIE, P.E.
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER

DESIGN DESIGNATION
ROADWAY CLASSIFICATION : MAJOR COLLECTOR
BRIDGE CLASSIFICATION : LOCAL ROAD
CURRENT ADT : 3556
DESIGN SPEED : 60 MPH
DESIGN FREQUENCY : 30 YR.