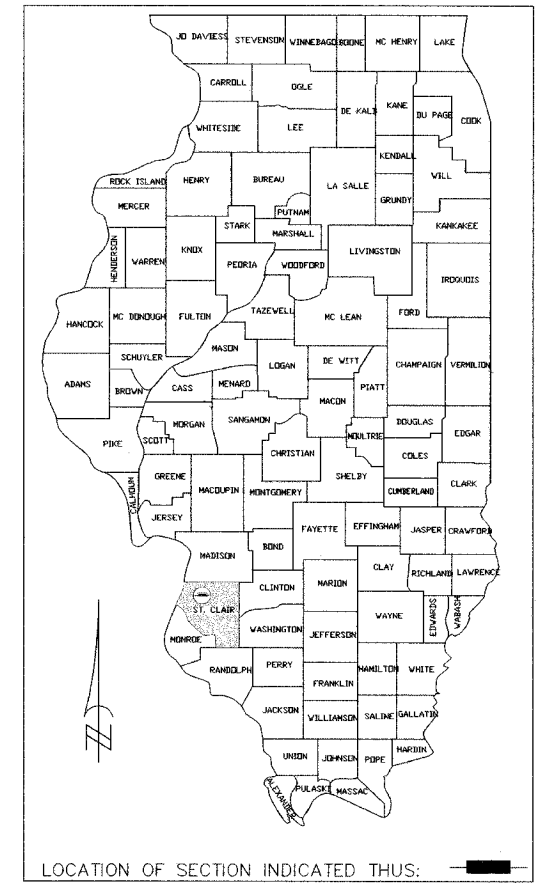


SECTION NO.	COUNTY HIGHWAY	COUNTY	SHEET OF SHEETS
02-00161-02-BR	CH 34	ST. CLAIR	1 OF 22
FHWA REG. NO. 7	ILLINOIS	PROJ: BRM-5011(188)	
FEDERAL AID PROJECT		CONTRACT 97280	

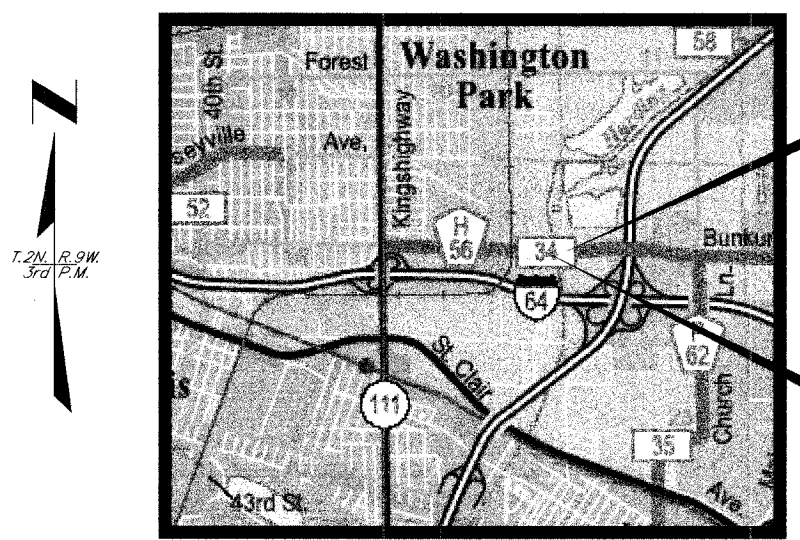
- INDEX TO SHEETS
- 1 COVER SHEET
  - 2 GENERAL NOTES, TYPICAL SECTIONS
  - 3-4 PLAN AND PROFILE
  - 5 R.O.W. & EASEMENTS
  - 6 PIPE & INLET DETAILS
  - 7 LEVEE DETAILS
  - 8 TEMPORARY ACCESS ROAD DETAILS
  - 9 RELOCATED GATE POSTS AND GATE DETAILS
  - 10 GENERAL PLAN & ELEVATION
  - 11 SUPERSTRUCTURE
  - 12 PPC DECK BEAM DETAILS
  - 13 ABUTMENT
  - 14 BRIDGE RAILING
  - 15 NAME PLATE
  - 16 PILE DETAILS
  - 17-22 CROSS SECTIONS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
PLANS FOR PROPOSED  
LOCAL AGENCY IMPROVEMENT  
FEDERAL AID B.R.R.P. PROJECT  
FAU ROUTE 9160  
BUNKUM ROAD (COUNTY HIGHWAY 34)  
PROJECT NO. BRM-5011(188)  
JOB NO. C-98-338-04  
ST. CLAIR COUNTY  
SECTION 02-00161-02-BR



SUMMARY OF QUANTITIES X081-2A

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	880
20300100	CHANNEL EXCAVATION	CU YD	97
20400800	FURNISHED EXCAVATION	CU YD	4830
25000300	SEEDING, CLASS 3	ACRE	1.4
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	126
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	126
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	126
25100115	MULCH, METHOD 2	ACRE	1.4
28000300	TEMPORARY DITCH CHECKS	EACH	3
28000500	INLET AND PIPE PROTECTION	EACH	3
28000900	FENCE (EROSION CONTROL)	FOOT	715
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	333
28200200	FILTER FABRIC	SQ YD	333
Δ 30200650	PROCESSING MODIFIED SOILS 12"	SQ YD	2122
Δ 30201500	LIME	TON	59
Δ 40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	41.1
Δ 40701801	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6"	SQ YD	369
Δ 40701866	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9 1/4"	SQ YD	1959
Δ 44000100	PAVEMENT REMOVAL	SQ YD	2122
Δ 48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	1293
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
* 50105210	REMOVE EXISTING CULVERTS	FOOT	250
50300225	CONCRETE STRUCTURES	CU YD	25.4
50300280	CONCRETE ENCASEMENT	CU YD	4.0
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	2640
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2700
50901050	STEEL RAILING TYPE SM	FOOT	160
51201600	FURNISHING STEEL PILES HP 12 X 53	FOOT	1100
51202305	DRIVING PILES	FOOT	1100
51203600	TEST PILE STEEL HP 12 X 53	EACH	1
51204650	PILE SHOES	EACH	12
51500100	NAME PLATES	EACH	1
54213870	STEEL END SECTIONS 15"	EACH	3
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	293.3
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	800
60100955	PIPE DRAINS 15"	FOOT	390
60218400	MANHOLES, TYPE A, 4' DIA, TYPE 1 FRAME, CLOSED LID	EACH	2
60801015	FLAP GATE 15"	EACH	3
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
* 63100169	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	EACH	4
* 66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	4
* 67100100	MOBILIZATION	L SUM	1
* 70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1842
* 78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	4
* X0301872	RELOCATE EXISTING SIGN STRUCTURE	L SUM	1
* X0329905	RELOCATE GATE POSTS AND GATE	EACH	3
* XX004374	TEMPORARY ACCESS ROAD	SQ YD	424
** Z0076600	TRAINEES	HOURL	500

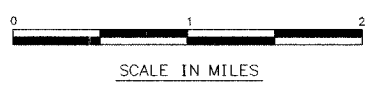


SECTION 02-00161-02-BR  
ENDS STATION 207+37.00

PROPOSED STRUCTURE IS AN  
80 FT. LONG, SINGLE SPAN,  
PRECAST-PRESTRESSED  
CONCRETE DECK BEAM  
STRUCTURE ON HP 12X53  
STEEL PILING. THE DECK  
BEAMS ARE 33" IN DEPTH.

SECTION 02-00161-02-BR  
BEGINS STATION 199+21.00

TOTAL LENGTH OF PROJECT = 816 ft : 0.154 MILE



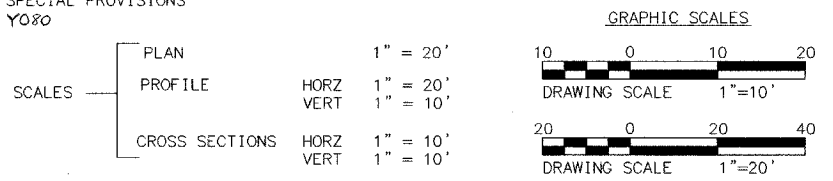
ROADWAY CLASSIFICATION : MINOR ARTERIAL  
CURRENT ADT : 1413  
DESIGN SPEED : 50 MPH  
DESIGN FREQUENCY : 20 YEAR

CALL JOINT UTILITY LOCATING INFORMATION FOR  
EXCAVATORS (J.U.L.I.E.) BEFORE DIGGING 800-892-0123

STANDARDS

000001-04	631032-03
280001-03	635006-02
515001-02	667101
542401	702001-06
602401-01	BLR 21-6
604001-02	

CANTEN TOWNSHIP T.2N., R.9W.  
S.E. 1/4 OF THE N.E. 1/4 SECTION 15  
N.E. 1/4 OF THE S.E. 1/4 SECTION 15



March 13, 2007

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



*Darrell Cates*  
DARRELL I. CATES, P.E.  
County Engineer  
License Number 062-042908  
License Expiration Date: November 30, 2007

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED March 13, 2007  
*Darrell Cates*  
LOCAL AGENCY OFFICIAL

PASSED 3-19, 2007  
*Deanne Oberlin*  
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

Releasing for Bid March 19, 2007  
Based on Limited Review Mary C. Lamie  
Mary C. Lamie, PE  
DEPUTY DIRECTOR OF HIGHWAYS, REGION FIVE ENGINEER

PLOT DATE: 3/7/07