

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C-98	05-00126-00-RS	Marion	3	1

FAS 2719 CONTRACT NO: 97307 FEDERAL AID PROJECT

INDEX OF SHEETS

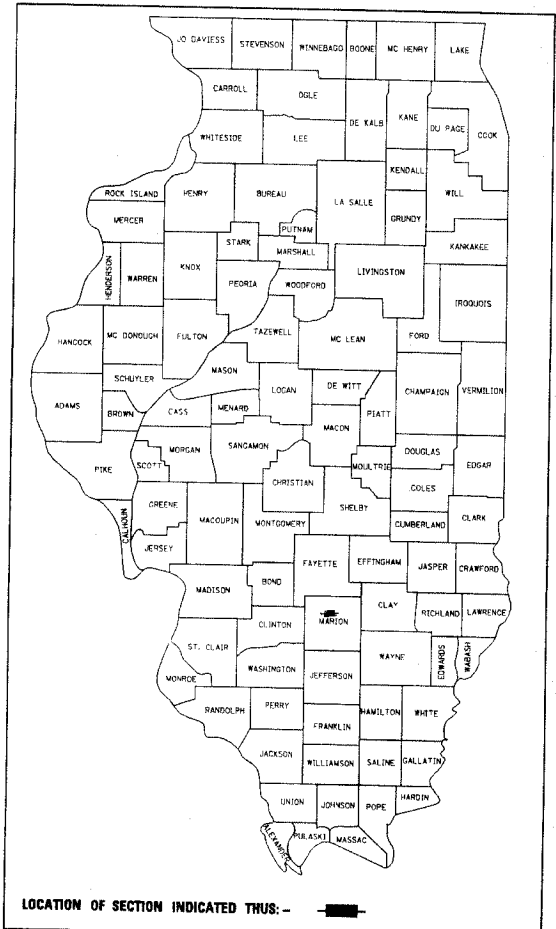
COVER SHEET	1
SUMMARY OF QUANTITIES, GENERAL NOTES, SCHEDULES AND UTILITIES	2
TYPICAL SECTIONS AND DETAILS	3

**PROPOSED LOCAL AGENCY
 FEDERAL-AID SECONDARY PROJECT**

STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS-DAY ONLY FOR SPEEDS >45 MPH
- 701311-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS-DAY ONLY
- 702001-06 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS

ROUTE FAS 2719
SECTION 05-00126-00-RS
PROJECT RS-2719(104)
MARION COUNTY
 C-98-335-07



THE ACCEPTANCE OF THIS PROJECT IS BASED ON THE LOCAL AGENCY PAVEMENT PRESERVATION (LAPP) POLICIES ON THE COUNTY HIGHWAY SYSTEM.

DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED 03-30, 2007
James E. Armstrong
 MARION COUNTY, COUNTY ENGINEER

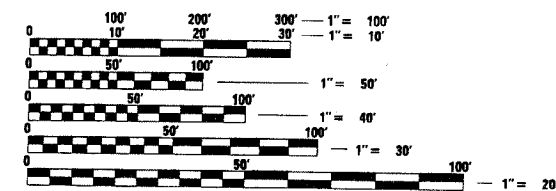
PASSED April 4, 2007
Debra J. O'Brien
 DISTRICT EIGHT ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID
 BASED ON LIMITED REVIEW 4-4, 2007

Mary C. Lomas
 DEPUTY DIRECTOR OF HIGHWAYS, REGION FIVE ENGINEER

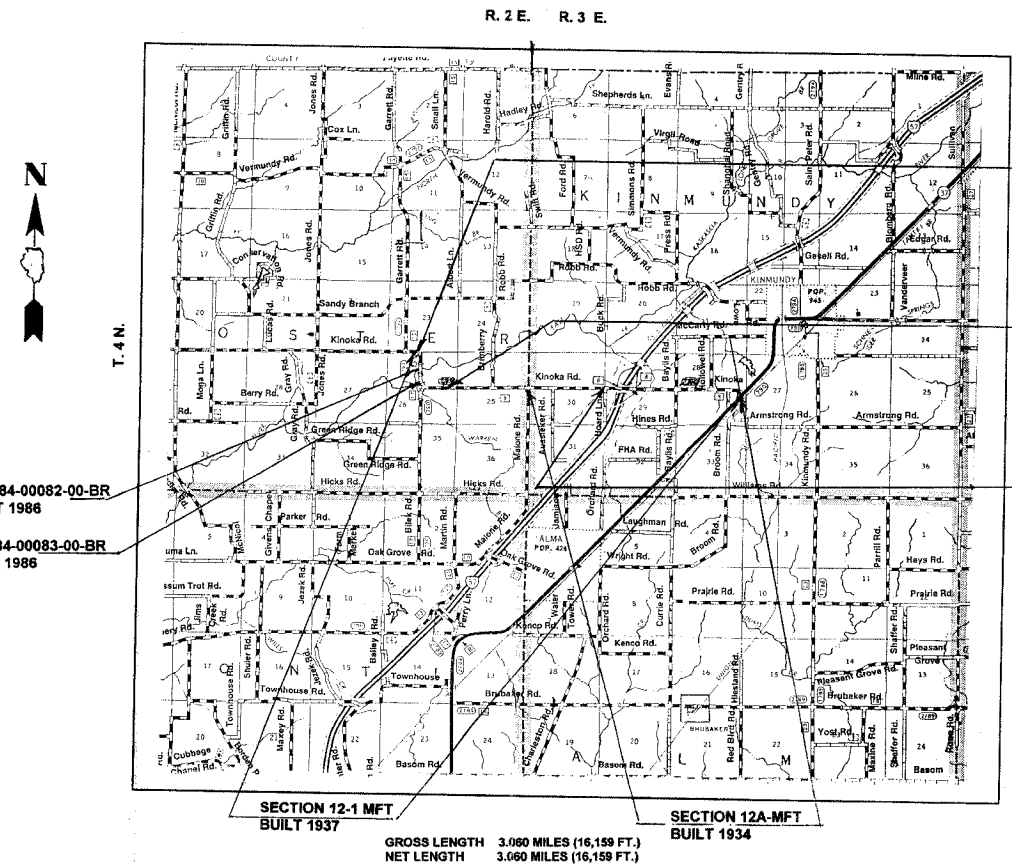
ROADWAY DESIGNATION

ROADWAY CLASSIFICATION: RURAL MAJOR COLLECTOR
 CURRENT ADT: 800
 DESIGN SPEED: 50 MPH



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123



BEGIN SEC. 05-00126-00-RS
 STA -5+39

EQUATION: 26+95 BACK
 139+25 AHEAD

END SEC. 05-00126-00-RS
 STA 10+00

THESE PLANS WERE PREPARED BY ME OR A FULL-TIME MEMBER OF MY STAFF UNDER MY PERSONAL SUPERVISION.

James E. Armstrong
 COUNTY ENGINEER, MARION COUNTY
 ILLINOIS LICENSED PROFESSIONAL ENGINEER
 NO. 022-21257
 LICENSE EXPIRES 11-30-07

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THE PROPOSED PROJECT ON F.A.S. 2719, COUNTY HIGHWAY 8, BEGINS AT THE END OF THE STATE MAINTENANCE AT STATION -5±39+200' EAST OF GARRETT ROAD AND EXTENDS IN AN EASTERLY DIRECTION FOR A DISTANCE OF 3.060 MILES TO A POINT JUST EAST OF HOARD LANE AT STATION 10±00.

THE WORK INCLUDED IN THIS PROJECT CONSISTS OF 1/2" LEVEL BINDER (MACHINE METHOD), N70 FROM STATION 137±00 TO STATION 73±00, 1 1/2" LEVEL BINDER (MACHINE METHOD), N70 FROM STATION 73±00 TO STATION 104±00, 1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, AGGREGATE SHOULDERS, AND ANY OTHER WORK NECESSARY TO COMPLETE THE PROJECT.

THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S DESIGN REQUIREMENTS FOR LOCAL ROUTE'S AT THE TIME OF THEIR INITIAL CONSTRUCTION. THE ORIGINAL PLANS ARE AVAILABLE FOR INSPECTION AT THE MARION COUNTY HIGHWAY DEPARTMENT, 901 WEST ELM STREET, SALEM, ILLINOIS.

COMPUTATION OF BITUMINOUS QUANTITIES IS BASED UPON 112 POUNDS/SQUARE YARD/1" THICK.

COMPUTATION OF AGGREGATE SHOULDER, TYPE B, IS BASED UPON 2.05 TONS/CUBIC YARD.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	LEVEL BINDER
AC/PC	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		
FRICITION AGG	MIX "C"	MIX "C"

UTILITIES

- AMTC1A SBC
- CTCM0A FRONTIER COMMUNICATIONS
- FMCW0A F M C WATER COMPANY
- GPLS0A CONSOLIDATED UTILITY SERVICES, INC.
- TCEC0A TRI-COUNTY ELECTRIC COOPERATIVE
- WRPL1A WOOD RIVER PIPELINE COMPANY

SUMMARY OF QUANTITIES

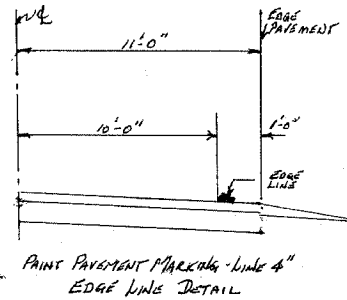
ITEM NO.	PAY ITEM	UNIT	QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3950
40600300	AGGREGATE (PRIME COAT)	TON	79
40600635	LEVEL BINDER (MACHINE METHOD), N70	TON	2280
40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	122
40600990	TEMPORARY RAMP	SQ YD	41
40603315	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N70	TON	3400
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1060
67100100	MOBILIZATION	LUMP SUM	1
70100480	TRAFFIC CONTROL AND PROTECTION STANDARD	LUMP SUM	1
	701306		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3232
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	534
78001110	PAINT PAVEMENT MARKING-LINE 4"	FOOT	46620

* SPECIALTY ITEM

SCHEDULE OF PAINT PAVEMENT MARKING LINE-4"

TYPE OF LINE	LENGTH YELLOW (FT)	LENGTH WHITE (FT)
CENTERLINE STRIPE	3,395	
NO PASSING ZONE STRIPE	11,016	
EDGE LINE		32,210
TOTAL	14,410	32,210

PROPOSED NO PASSING ZONE LIMITS TO MATCH EXISTING.

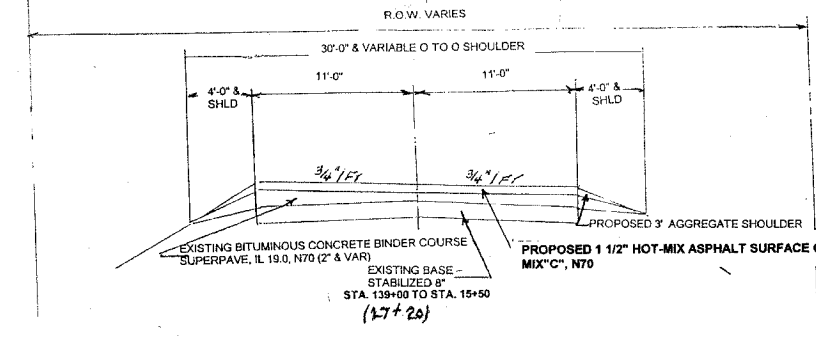
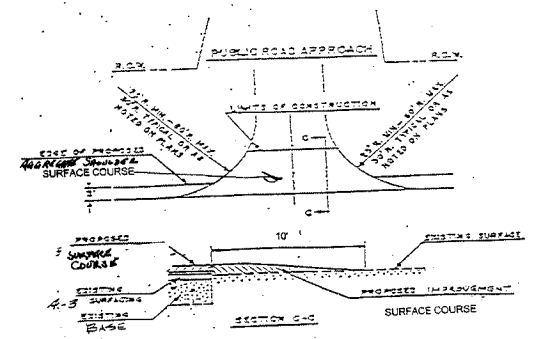
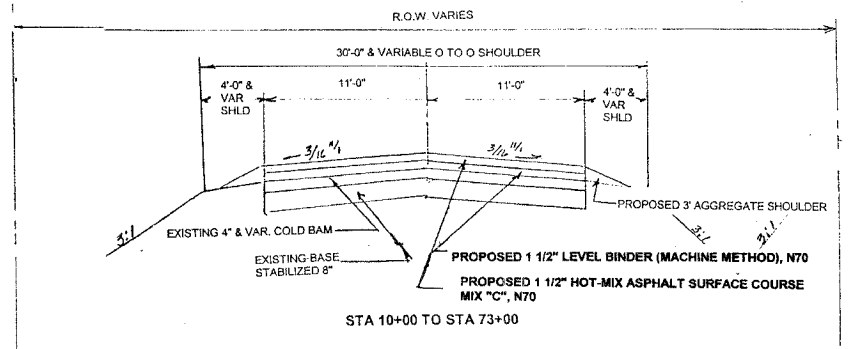
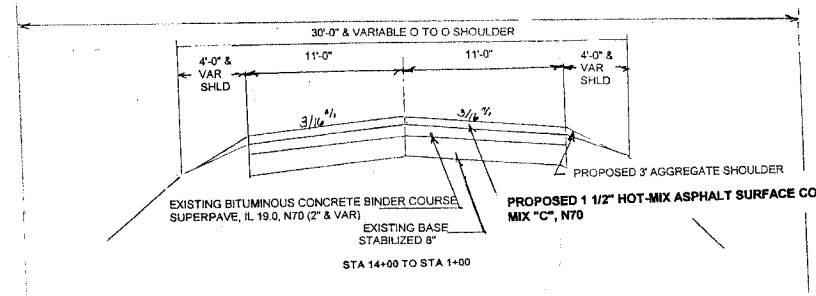
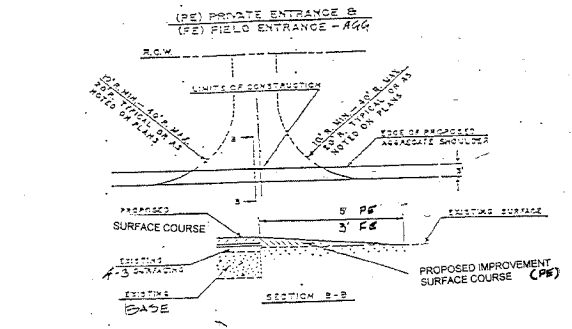
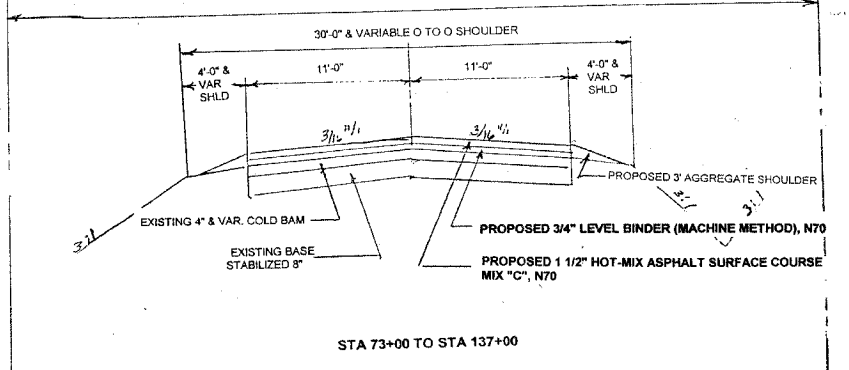
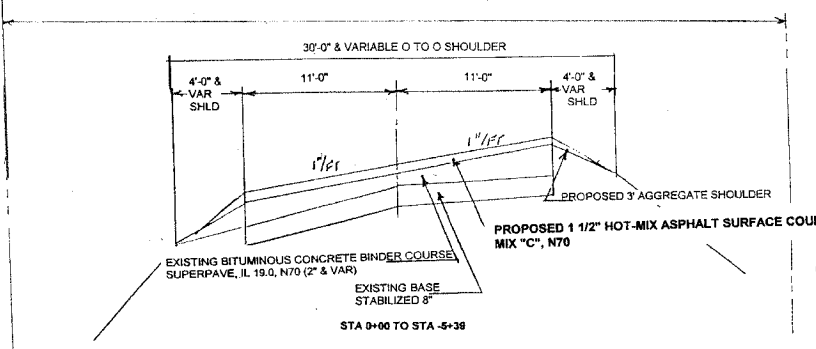


ENTRANCE SCHEDULE

TYPE	SIDE	STATION	HOTMIX ASPHALT SURFACE COARSE, MIX "C", N70, TON
PE	RT	STA 15 + 75	2.5
PE	LT	STA 20 + 36	2.0
PE	LT	STA 22 + 36	1.8
PE	RT	STA 36 + 47	1.7
PE	RT	STA 49 + 55	1.3
PE	RT	STA 56 + 27	2.2
PE	RT	STA 67 + 70	3.0
PE	RT	STA 68 + 88	1.5
PE	RT	STA 78 + 10	1.1
PE	RT	STA 79 + 10	1.1
PE	LT	STA 81 + 06	1.2
PE	RT	STA 84 + 10	1.5
PE	RT	STA 88 + 10	1.0
PE	LT	STA 92 + 95	1.5
PE	LT	STA 96 + 85	1.3
PE	LT	STA 100 + 80	1.5
PE	LT	STA 103 + 84	1.0
PE	LT	STA 104 + 00	1.0
PE	LT	STA 107 + 60	1.5
PE	LT	STA 112 + 75	1.0
PE	LT	STA 113 + 45	1.0
PE	LT	STA 124 + 18	1.2
PE	LT	STA 126 + 45	1.1
PE	RT	STA 3 + 03	1.1
PE	RT	STA 1 + 25	1.1
TOTAL			36.2

SCHEDULE OF SIDE ROADS

NAME	SIDE	STATION	HOTMIX ASPHALT SURFACE COARSE, MIX "C", N70, TON
AUSSIEKER ROAD	LT	STA 49 + 40	5.2
MALONE ROAD	LT	STA 67 + 85	5.0
BRIMBERRY ROAD	RT	STA 94 + 12	3.2
BILEK ROAD	RT	STA 21 + 90	5.0
		TOTAL TON	18.4



Curve 2
P.C. Sta 15+39
P.T. Sta. 26+95
Attain S.E. 34'ft
From sta. 14+05 to 16+07
From sta. 28+29 to 28+28
(137+91)

PROPOSED TYPICAL SECTIONS

