

ROUTE	SECTION	COUNTY	TOT. SHTS.	SHT.
FAS 824	07-00198-00-RS	JEFFERSON	2	1
JEFFERSON COUNTY ROAD DISTRICT				

CONTRACT NO. 99410

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009

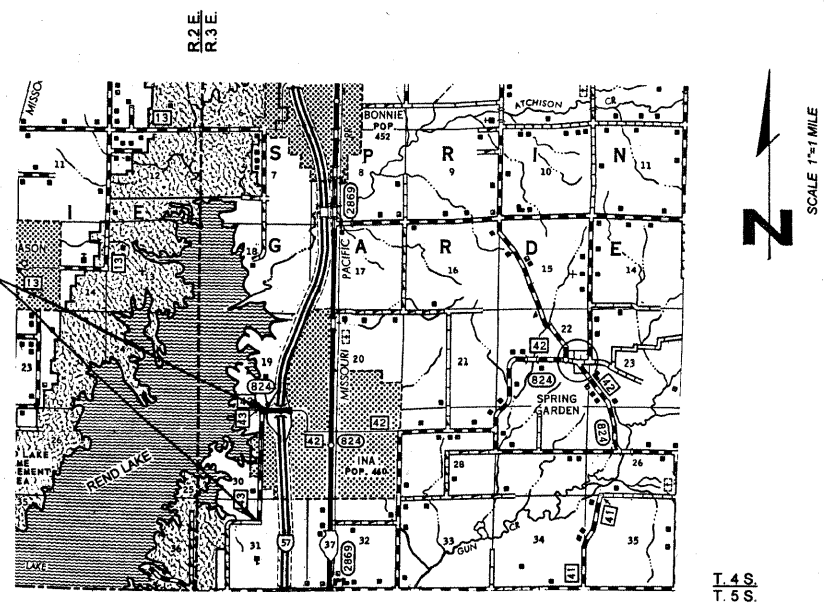
FAS 824 CH 42,43  
SECTION 07-00198-00-RS  
JEFFERSON COUNTY, IL.  
PROJECT NO. ARA-RS-0081(059)  
JOB NO. C-99-534-08

- INDEX OF SHEETS
- COVER SHEET, LOCATION MAP  
SCHEDULE OF QUANTITIES
  - GENERAL NOTES, TYPICAL EXISTING  
AND PROPOSED CROSS-SECTIONS,  
BITUMINOUS MIXTURE BREAKDOWN,  
STRIPING, PATCHING, SIDE ROAD  
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MAILBOX TURNOUTS

- STANDARDS
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  - 701006-03
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SCHEDULE OF QUANTITIES			
QUANTITY	UNIT	ITEM	CODE
894	FOOT	SHORT-TERM PAVEMENT MARKING REMOVAL	XX003140
25	TON	AGGREGATE SURFACE COURSE TYPE B	40200800
1720	GALLON	BITUMINOUS MATERIALS (PRIME COAT)	40600100
1083	TON	LEVELING BINDER (MACHINE METHOD) N50	40600625
19	SQUARE YARD	TEMPORARY RAMP	40600990
2238	TON	HOT MIX ASPHALT SURFACE COURSE MIX "C" N50	40603310
112	SQUARE YARD	HOT MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH	44000198
216	SQUARE YARD	CLASS D PATCH TYPE II 9"	44201753
91	SQUARE YARD	CLASS D PATCH TYPE III 9"	44201757
95	SQUARE YARD	CLASS D PATCH TYPE IV 9"	44201759
16969	SQUARE YARD	AREA REFLECTIVE CRACK CONTROL TREATMENT TYPE A	44300300
508	TON	AGGREGATE SHOULDERS, TYPE B	48101200
575	FOOT	STEEL PLATE BEAM GUARDRAIL, TYPE A @ FOOT POSTS	63000001 *
4	EACH	TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT	63100167 *
1	LUMP SUM	MOBILIZATION	67100100
1	LUMP SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	70100460
1	LUMP SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	70100600
1388	FOOT	SHORT-TERM PAVEMENT MARKING	70300100
18773	FOOT	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	78000200 *
12	EACH	GUARDRAIL MARKERS	78200405 *
4	EACH	TERMINAL MARKER-DIRECT APPLIED	78201000 *

\* SPECIALTY ITEMS



TOTAL SECTION LENGTH=6,942 FT.=1.315 MILES  
OMISSIONS= 0 FT.  
NET SECTION LENGTH = 6,942 FT.= 1.315 MILES

FUNCTIONAL CLASSIFICATION=MAJOR COLLECTOR  
DESIGN SPEED=50 MPH  
ADT=1090

J. U. L. I. E.  
JOINT UTILITY LOCATING  
INFORMATION FOR EXCAVATION  
1-800-892-0123  
WWW.ILLINOIS1CALL.COM

APPROVED 10-26 2009

*Steve Schwanke*  
REGISTERED PROFESSIONAL ENGINEER  
OF ILLINOIS  
JEFFERSON COUNTY HIGHWAY DEPT.  
750 OLD FAIRFIELD RD.  
MT. VERNON, IL. 62864  
PH. (618)244-6031  
LICENSE EXP. 11-30-09

PASSED 10/30 2009

*Richard W. Melcher*  
DISTRICT NINE ENGINEER OF  
LOCAL ROADS AND STREETS

Releasing for  
Bid based on  
limited review 11/4 2009

*Mary C. Lomis*  
DEPUTY DIRECTOR OF HIGHWAYS  
REGION FIVE ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STRIPING SCHEDULE			
NO PASSING ZONES		CENTERLINE	EDGE LINE
SOUTHBOUND	NORTHBOUND	6+91 TO 64+07 66+19 TO 69+42	0+00 TO 69+42 PLACE EDGE LINE 4" FROM EDGE OF SURFACE AND OMIT AT SIDEROADS
0+00 TO 6+91 58+39 TO 66+19	69+42 TO 64+07 13+73 TO 0+00	1510'	13,884'
1471'	1908'	18,773	
3379'			

HOT-MIX ASPHALT SURFACE AND LEVEL BINDER	
MATERIAL PURPOSE	TONS
RESURFACING	3,278
SIDEROADS, INTERSECTIONS, P.E., F.E.	43
<b>TOTAL</b>	<b>3,321</b>

CONVERSION FACTOR = 112 LBS. / SQ. YD. / INCH THICKNESS

GUARDRAIL SCHEDULE	
PAY ITEM	STATION
STEEL PLATE BEAM GUARDRAIL	0+40 TO 2+65 RIGHT 0-30 TO 3+70 LEFT
TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT	0-10 TO 0+40 RIGHT 2+65 TO 3+15 RIGHT 0-30 TO 0+20 LEFT 3+70 TO 4+20 LEFT
TERMINAL MARKER DIRECT APPLIED	0-10 RIGHT 3+15 RIGHT 0-30 LEFT 4+20 LEFT

CONTRACT NO. 99410

**GENERAL NOTES**

THIS SECTION SHALL CONSIST OF HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50, AREA REFLECTIVE CRACK CONTROL TREATMENT TYPE A, AGGREGATE SHOULDERS, STRIPING, RESURFACING OF DRIVES, FIELD ENTRANCES, ROAD INTERSECTIONS AND MAILBOX TURNOUTS AS APPLICABLE. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1<sup>ST</sup>, 2007 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND THE RECURRING SPECIAL PROVISIONS.

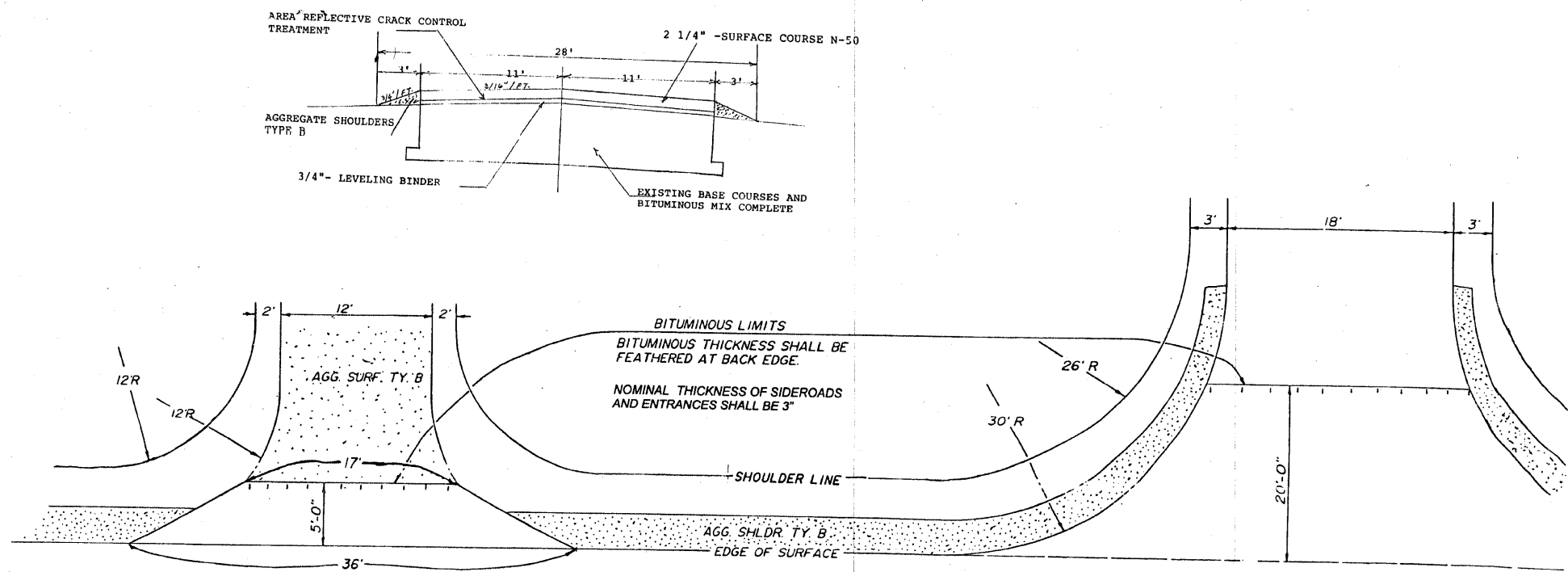
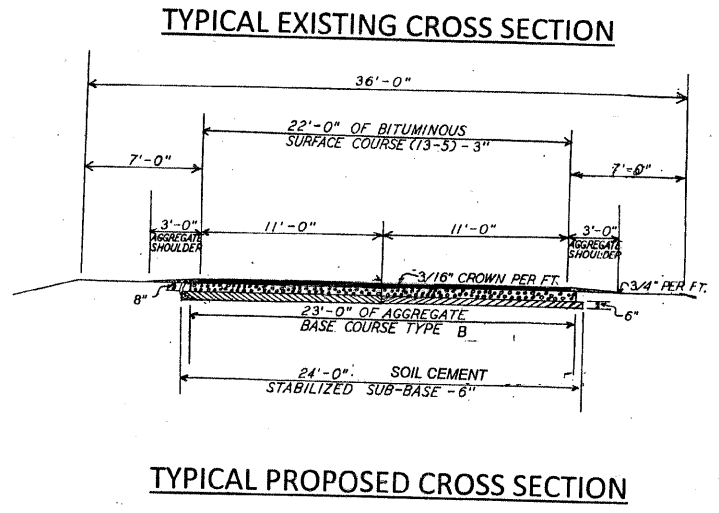
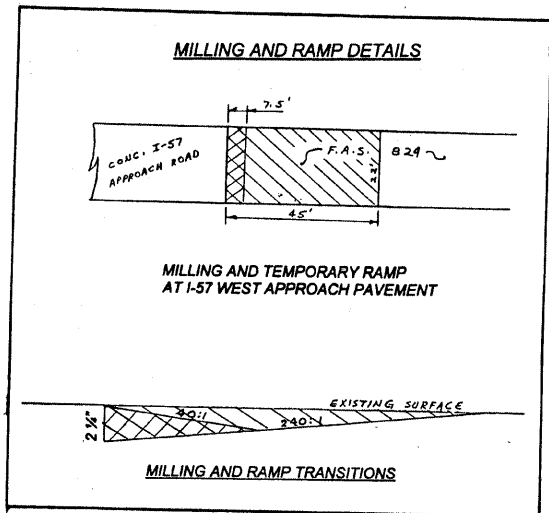
THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER SECTION RA-33. ALL STATIONS REFERRED TO HEREIN ARE IN REFERENCE TO THAT SECTION.

STATION	ADT	PV	SU	MU
0+00 TO 69+42	1090	1070	20	0

MAXIMUM GRADE = 3.5%  
MINIMUM SIGHT DISTANCE = >400'  
YR. OF IMPROVEMENT DESIGN = 2009  
DESIGN SPEED = 50 MPH

HOT-MIX ASPHALT THICKNESS = 3"  
M.S. = 1500 MINIMUM  
PRIME = 0.10 GALLONS / SQ. YD.

CLASS D PATCHING			
TYPE 2-9"	TYPE 3-8"	TYPE 4-9"	
9+97 TO 10+28 4' WIDE 13.78 SQ. YD. N'BOUND LANE	30+72 TO 30+86 5' WIDE 7.78 SQ. YD. S'BOUND LANE	0+74 TO 0+92 11' WIDE 22.00 SQ. YD. S'BOUND LANE	15+07 TO 15+41 11' WIDE 41.56 SQ. YD. N'BOUND LANE
11+11 TO 11+23 4' WIDE 5.33 SQ. YD. S'BOUND LANE	32+27 TO 32+39 4' WIDE 5.33 SQ. YD. S'BOUND LANE	9+33 TO 9+74 4' WIDE 18.22 SQ. YD. N'BOUND LANE	19+10 TO 19+67 4' WIDE 25.33 SQ. YD. N'BOUND LANE
12+82 TO 12+97 5' WIDE 8.33 SQ. YD. S'BOUND LANE	39+50 TO 39+66 4.5' WIDE 8.00 SQ. YD. N'BOUND LANE	13+49 TO 13+84 4' WIDE 15.56 SQ. YD. S'BOUND LANE	49+73 TO 50+14 4' WIDE 27.33 SQ. YD. S'BOUND LANE
12+83 TO 12+97 4' WIDE 6.22 SQ. YD. S'BOUND LANE	40+27 TO 40+50 5' WIDE 12.78 SQ. YD. S'BOUND LANE	14+24 TO 14+64 5' WIDE 17.78 SQ. YD. S'BOUND LANE	
13+49 TO 13+82 4' WIDE 14.67 SQ. YD. S'BOUND LANE	40+72 TO 40+81 5' WIDE 5.00 SQ. YD. S'BOUND LANE	18+46 TO 18+77 5' WIDE 17.22 SQ. YD. N'BOUND LANE	
15+15 TO 15+32 4' WIDE 7.56 SQ. YD. S'BOUND LANE	41+40 TO 41+56 5.5' WIDE 9.78 SQ. YD. S'BOUND LANE		
15+56 TO 15+74 5' WIDE 10.00 SQ. YD. S'BOUND LANE	48+78 TO 49+03 5' WIDE 13.89 SQ. YD. S'BOUND LANE		
17+25 TO 17+45 5' WIDE 11.11 SQ. YD. S'BOUND LANE	49+01 TO 49+13 4' WIDE 5.33 SQ. YD. N'BOUND LANE		
17+97 TO 18+09 4' WIDE 13.78 SQ. YD. N'BOUND LANE	50+66 TO 50+90 4.5' WIDE 12.00 SQ. YD. S'BOUND LANE		
18+74 TO 18+84 5' WIDE 5.56 SQ. YD. S'BOUND LANE	52+83 TO 53+07 5' WIDE 13.33 SQ. YD. N'BOUND LANE		
28+03 TO 28+16 5' WIDE 7.22 SQ. YD. S'BOUND LANE	53+88 TO 54+12 4' WIDE 10.67 SQ. YD. N'BOUND LANE		
29+90 TO 30+05 5' WIDE 8.33 SQ. YD. N'BOUND LANE	58+17 TO 58+34 4.5' WIDE 8.50 SQ. YD. S'BOUND LANE		
215.83 SQ. YD.	90.78 SQ. YD.	94.22 SQ. YD.	



5 TONS EACH HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50 ALLOWED IN THE PROPOSAL

38 TONS OF HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50 ALLOWED IN THE PROPOSAL

REPAIR ALL SIDEROADS AND ENTRANCES AS REQUIRED BY DIRECTION OF THE ENGINEER. 5 TONS AGGREGATE SURFACE COURSE TYPE B EACH ALLOWED IN THE PROPOSAL.