

ROUTE	SECTION	COUNTY	TOT. SHTS.	SHT.
F.A.S. 789	02-00178-00-RS	JEFFERSON	2	1
JEFFERSON COUNTY ROAD DISTRICT				

CONTRACT 95425

INDEX OF SHEETS

- COVER SHEET, LOCATION MAP
- GENERAL NOTES: TYPICAL EXISTING AND PROPOSED CROSS SECTIONS, SUMMARY OF QUANTITIES, SCHEDULE OF BITUMINOUS MIX COMPLETE BREAKDOWN AND STRIPING, DETAILS OF MAILBOX TURNOUTS, PRIVATE ENTRANCES AND SIDE ROADS.

STANDARDS

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- 442201-01
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED  
FEDERAL-AID SECONDARY PROJECT

C.H. 3 JEFFERSON COUNTY  
F.A.S. ROUTE 789  
SECTION 02-00178-00-RS  
JOB NO. C-97-026-05  
PROJECT NO. RS-789(112)

SUMMARY OF QUANTITIES

Quantity	Unit	Item	Code Number
1860	FOOT	SHORT-TERM PAVEMENT MARKING REMOVAL	XX001140
323	SQ. YD.	COLD MILLING	80016700
280	TON	AGGREGATE SURFACE COURSE, TYPE B	40200800
4525	TON	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "C", 950	24066411
4260	GALLON	BITUMINOUS MATERIALS (PRIME COAT)	40600100
2495	TON	LEVELING BINDER (MACHINE METHOD), SUPERPAVE NS0	24066765
4	SQ. YD.	CLASS D PATCHES, TYPE I, 9 INCH	44201749
58	SQ. YD.	CLASS D PATCHES, TYPE II, 9 INCH	44201753
76	SQ. YD.	CLASS D PATCHES, TYPE III, 9 INCH	44201757
320	SQ. YD.	CLASS D PATCHES, TYPE IV, 9 INCH	44201759
41333	SQ. YD.	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	44300300
1511	TON	AGGREGATE SHOULDERS, TYPE B	48101200
12	FOOT	STEEL PLATE BEAM GUARDRAIL, TYPE B	63000005
87	FOOT	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	63000025
12	EACH	TRAFFIC BARRIER TERMINAL TYPE I, SPECIAL (TANGENT)	63100167
1	L. SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	70100460
3720	FOOT	SHORT-TERM PAVEMENT MARKING	70100100
58001	FOOT	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	78000200
12	EACH	TERMINAL MARKER DIRECT APPLIED	78010500
1	L. SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701335	70100400
131	SQ. YD.	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	40600980

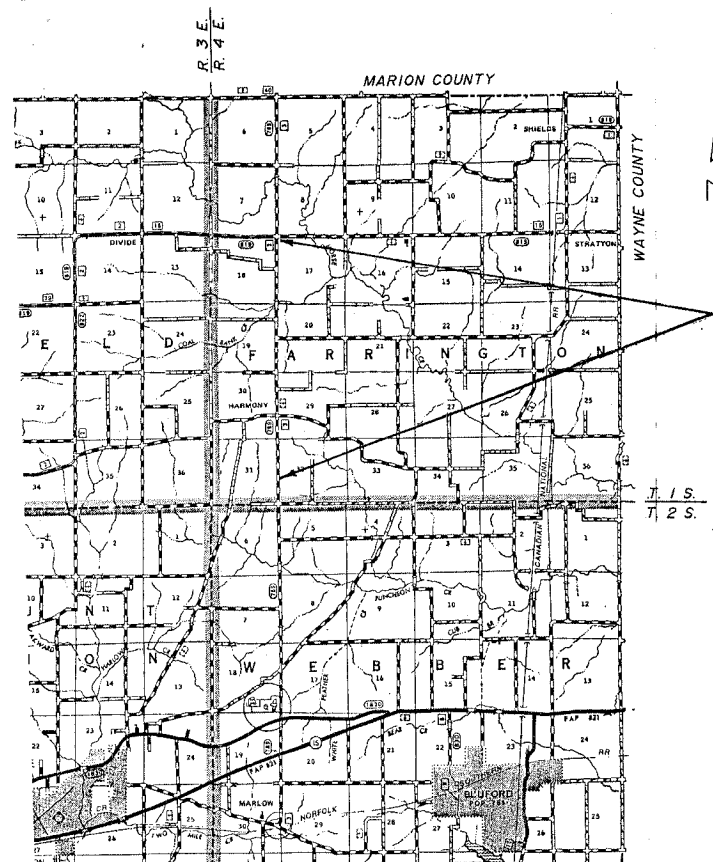
THE ACCEPTANCE OF THIS PROJECT IS BASED ON THE MINIMUM DESIGN CRITERIA FOR A FEDERAL AID LAPP TYPE PROJECT

*Christine M. Reed*

CHRISTINE M. REED, P.E.  
DEPUTY DIRECTOR OF HIGHWAYS  
REGION FOUR ENGINEER

GUARDRAIL SCHEDULE

SPBGR ATTACHED TO STRUCTURE	SPBGR TYPE B	TRAFFIC BARRIER TERMINAL TYPE I, SPECIAL (TANGENT)
308+13.75 TO 308+26.25 LT. 307+81.75 TO 307+94.25 RT. 384+12.63 TO 384+31.37 LT. 384+29.63 TO 384+48.37 RT. 399+20.75 TO 399+33.25 LT. 399+20.75 TO 399+33.25 RT.	384+31.37 TO 384+37.62 LT. 384+23.38 TO 384+29.63 RT.	307+63.75 TO 308+13.75 LT. 308+26.25 TO 308+76.25 LT. 307+31.75 TO 307+81.75 RT. 307+94.25 TO 308+44.25 RT. 383+62.63 TO 384+12.63 LT. 384+37.62 TO 384+87.62 LT. 383+73.38 TO 384+23.38 RT. 384+48.37 TO 384+98.37 RT. 398+70.75 TO 399+20.75 LT. 399+33.25 TO 399+83.25 LT. 398+70.75 TO 399+20.75 RT. 399+33.25 TO 399+83.25 RT.
TOTAL 87.5'	TOTAL 12.50'	TOTAL 12 EACH



SECTION 02-00178-00-RS  
BEGINS STA. 270+00  
ENDS STA. 456+00

J.U.L.I.E. 1-800-892-0123

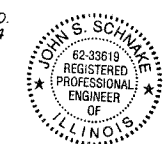
RURAL MAJOR COLLECTOR  
ADT 1050  
DESIGN SPEED 50 M.P.H.

TOTAL SECTION LENGTH 18,600=3.523 MI.  
OMISSION 0.00'  
NET SECTION LENGTH 18,600=3.523 MI.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PASSED March 1 2005  
*Maureen Kasel*  
DISTRICT ENGR., LOCAL ROADS & STREETS

APPROVED MARCH 2 2005  
*Christine M. Reed*  
CHRISTINE M. REED, P.E.  
DEPUTY DIRECTOR OF HIGHWAYS  
REGION FOUR ENGINEER



750 OLD FAIRFIELD RD.  
MT. VERNON, IL. 62864  
(618)-244-8031  
LIC. EXP. 11-30-05

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

*John S. Schmalz*  
COUNTY ENGINEER

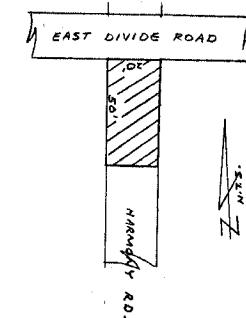
CONTRACT 95425

GENERAL NOTES

THIS SECTION SHALL CONSIST OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "C", N50, WITH AREA REFLECTIVE CRACK CONTROL TREATMENT, AGGREGATE SHOULDERS, STRIPING, RESURFACING DRIVES, FIELD ENTRANCES, AND INTERSECTIONS, AND MAILBOX TURNOUTS. ALL WORK SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2002 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, RECURRING SPECIAL PROVISIONS, AND THE SPECIAL PROVISIONS.

THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER SECTION 75-00004-01-RS, PROJECT 46-MFT.

ALL STATIONS REFERRED TO IN THE PLAN AND PROPOSAL ARE IN REFERENCE TO SAID SECTION.



MILLING LIMITS OF BITUMINOUS SURFACE REMOVAL - BUTT JOINT - 111 SQ. YD.

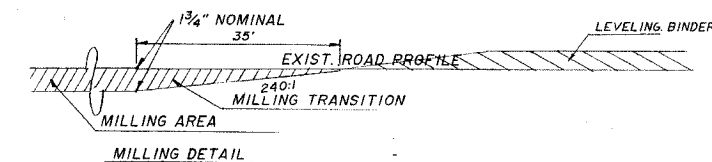
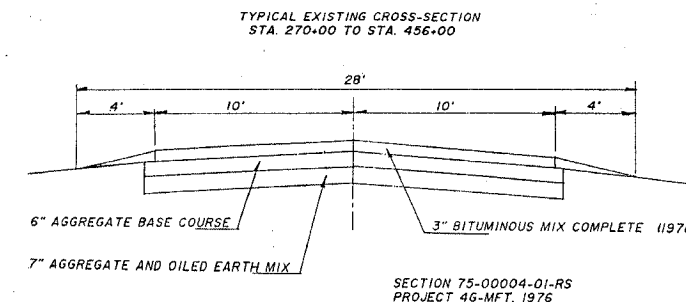
GOLD MILLING AT BRIDGE STA. 402+20 323 SQ. YD.

STRIPING SCHEDULE			
NO PASSING ZONES		CENTERLINE	EDGELINES
NORTHBOUND	SOUTHBOUND		
270+00 TO 278+06	284+68 TO 289+17	270+00 TO 352+76	270+00 TO 456+00
291+89 TO 301+78	316+43 TO 329+00	352+83 TO 358+96	EDGELINES SHALL BE PLACED 4" FROM EDGE OF SURFACE AND OMITTED AT SIDEROADS
329+81 TO 336+62	342+42 TO 352+83	371+39 TO 409+99	QUANTITY INCLUDES 7 SIDE ROAD OMISSIONS AT 50' EACH
352+76 TO 379+60	358+96 TO 371+39	430+60 TO 455+57	
391+90 TO 399+86	382+85 TO 391+18		
409+99 TO 438+28	400+75 TO 430+60		
	448+11 TO 455+57		
8,785'	8,554'	TOTAL 3,812'	TOTAL 36,850'
TOTAL 17,339'			

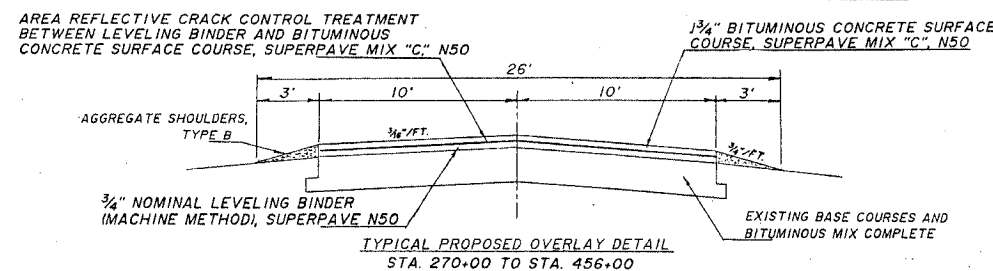
BITUMINOUS CONCRETE SUPERPAVE	
MATERIAL PURPOSE	TONS
RESURFACING	6,655
SIDEROADS, INTERSECTION, P.E., F.E.	365
TOTAL = 7,020 TONS	

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

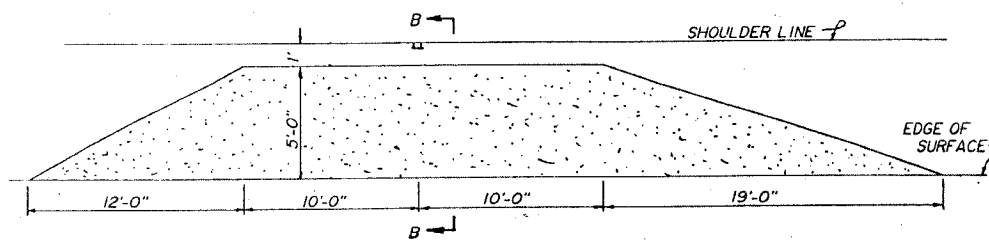
CLASS D PATCHING						
TYPE 1 9"	TYPE 2 9"		TYPE 3 9"		TYPE 4 9"	
AT CENTERLINE	NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND
421+56 TO 421+66 4' WIDE 4.44 SQ. YD.	284+73 TO 285+03 4' WIDE 13.33 SQ. YD.	286+81 TO 286+97 6' WIDE 10.67 SQ. YD.	330+00 TO 330+40 4' WIDE 17.78 SQ. YD.	285+52 TO 285+80 5' WIDE 15.56 SQ. YD.	340+96 TO 341+76 4' WIDE 35.56 SQ. YD.	270+90 TO 271+63 5' WIDE 40.56 SQ. YD.
	284+08 TO 284+28 4' WIDE 8.89 SQ. YD.	287+45 TO 287+71 5' WIDE 14.44 SQ. YD.	368+14 TO 368+60 4' WIDE 20.44 SQ. YD.	438+32 TO 438+72 5' WIDE 22.22 SQ. YD.	366+00 TO 366+75 4' WIDE 33.33 SQ. YD.	275+75 TO 276+33 4' WIDE 32.22 SQ. YD.
	357+48 TO 357+72 4' WIDE 10.67 SQ. YD.					276+63 TO 277+25 4' WIDE 27.56 SQ. YD.
						320+00 TO 320+56 5' WIDE 31.11 SQ. YD.
						395+10 TO 395+83 5' WIDE 40.56 SQ. YD.
						411+25 TO 412+00 4' WIDE 33.33 SQ. YD.
						422+35 TO 423+39 4' WIDE 46.22 SQ. YD.
4.44 SQ. YD. TOTAL	32.89 SQ. YD.	25.11 SQ. YD.	38.22 SQ. YD.	37.78 SQ. YD.	68.89 SQ. YD.	251.56 SQ. YD.
	58.00 SQ. YD. TOTAL		76.00 SQ. YD. TOTAL		320.45 SQ. YD. TOTAL	



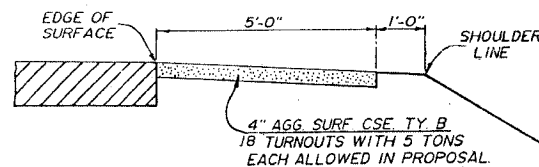
MAX. GRADE = 3.83%  
MIN. S.S.D. = 385'  
ADT: YR. OF IMPROVEMENT  
1050 DESIGN 2005  
P = 1178 SU = 60 - MU = 12  
DESIGN SPEED = 50 MPH  
ALIGNMENT - AS PER SECTION: 75-00004-01-RS



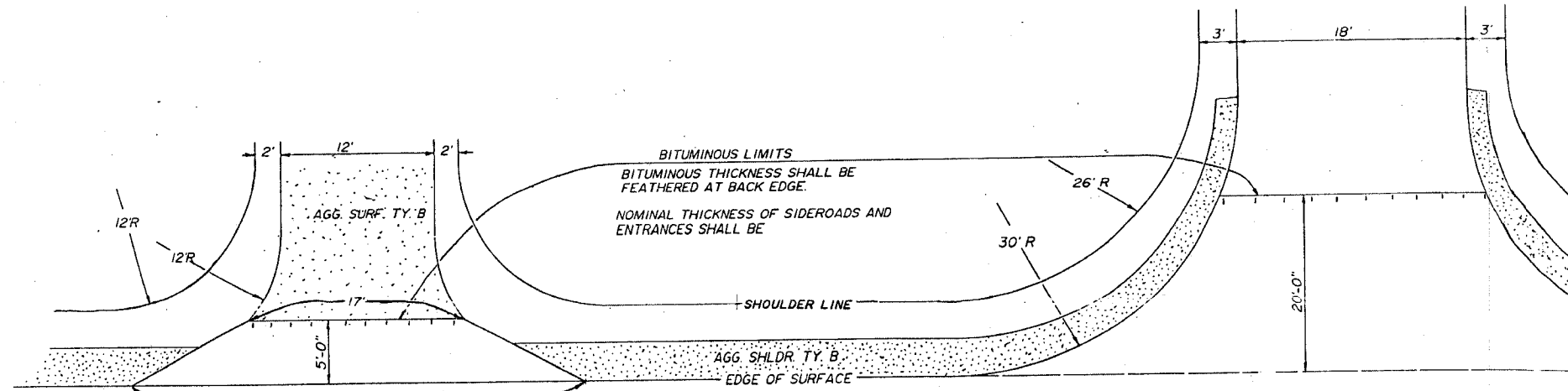
SUPERPAVE:  
THICKNESS = 2 1/2" M.S. = 1500 MIN.  
PRIME 0.10 GAL./SQ. YD.



DETAIL OF MAILBOX TURNOUT



SECTION B-B



DETAIL OF PRIVATE/FIELD ENTRANCE

38 PRIVATE/FIELD ENTRANCES WITH 5 TONS EACH OF SUPERPAVE MIX "C" N50 ALLOWED IN THE PROPOSAL

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

DETAIL OF SIDEROAD INTERSECTION 7 EACH

25 TONS EACH OF SUPERPAVE MIX "C" N50 ALLOWED IN THE PROPOSAL