

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

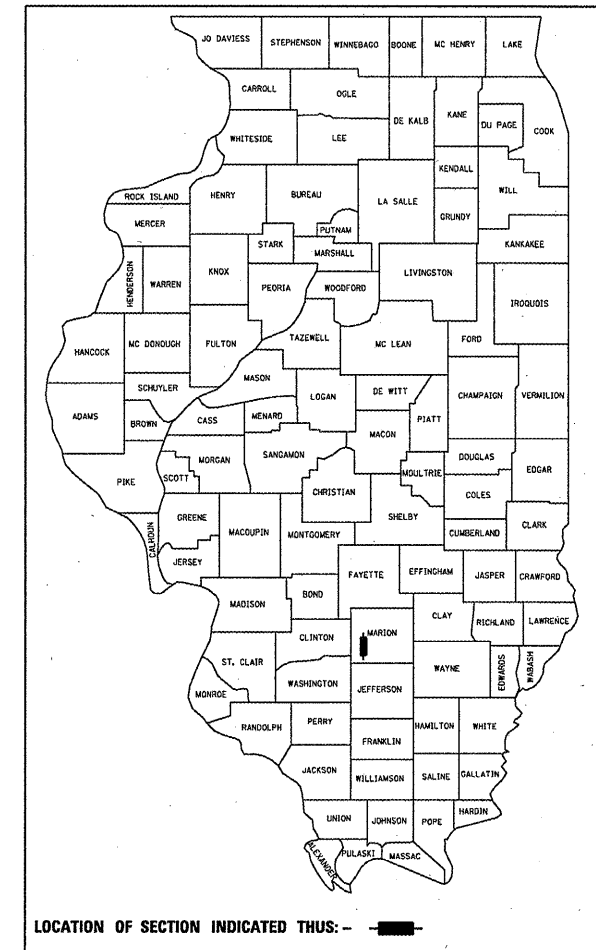
FAS 1791 (OLD US 51)
SECTION (28,29)RS-4, 30RS-1
OLD US 51 / GREEVIEW RD TO GREENVIEW CHURCH RD.
RESURFACING
MARION COUNTY

C-98-059-10

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28,29)RS-4, 30RS-1	MARION	21	1
* FAS 1791/FAU 8625/SBI 2C		ILLINOIS	CONTRACT NO. 76D78	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

D-98-046-10



LOCATION 1

2008 ADT = 1800 (ACTUAL)
2010 ADT = 1850 (ESTIMATED)
2020 ADT = 2000 (ESTIMATED)
SU = 5.0% MU = 1.0%

LOCATION 2

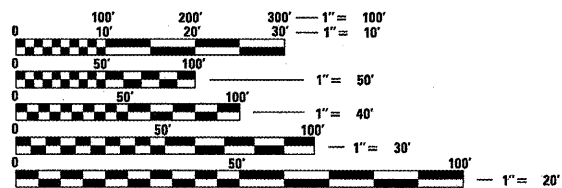
2008 ADT = 100 (ESTIMATED)
2010 ADT = 100 (ESTIMATED)
2020 ADT = 125 (ESTIMATED)
SU = 5.0% MU = 1.0%

LOCATION 1

GROSS LENGTH = 20239 FT. = 3.833 MILE
NET LENGTH = 19790 FT. = 3.748 MILE

LOCATION 2

GROSS LENGTH = 3072 FT. = 0.582 MILE
NET LENGTH = 3072 FT. = 0.582 MILE



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.

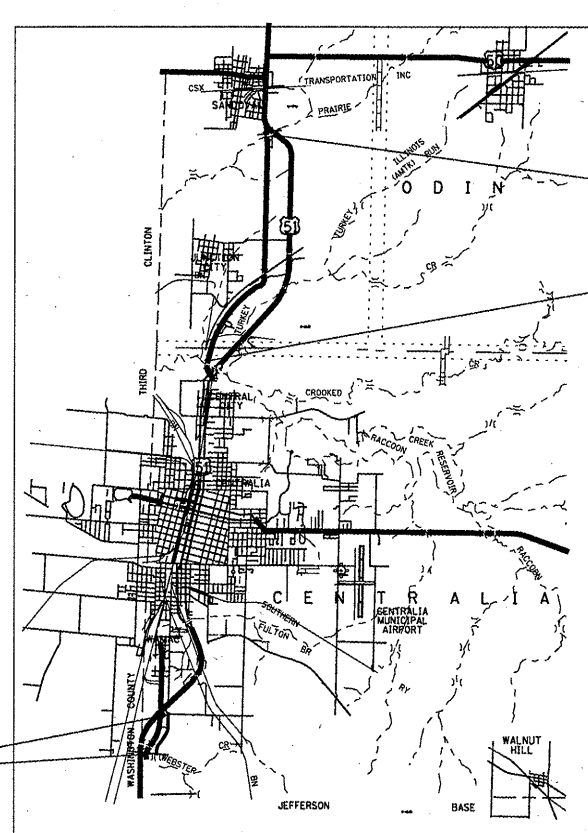
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

BEGIN LOCATION 2

LAT. 38.4889
LONG. -89.1397

END LOCATION 2

LAT. 38.4813
LONG. -89.1432

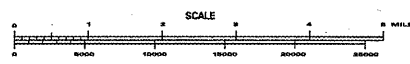


BEGIN LOCATION 1

LAT. 38.6056
LONG. -89.1146

END LOCATION 1

LAT. 38.5553
LONG. -89.1288



PROJECT ENGINEER: TIM PADGETT (618) 346-3325
PROJECT MANAGER: ANDREW MEYER (618) 304-9944

CONTRACT NO. 76D78

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *March 17 2010*
Man Jamie
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

April 9 2010
Scott E. Stitt P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

April 9 2010
Christine M. Leadbeater
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

STANDARDS

000001-05
 001006
 442101-07
 442201-03
 606201-02
 630001-08
 630301-05
 631031-08
 635006-03
 635011-02
 701001-02
 701006-03
 701011-02
 701201-03
 701301-03
 701306-02
 701311-03
 701336-05
 701901-01
 780001-02
 781001-03

INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS AND STANDARDS
- 3-4. GENERAL NOTES AND COMMITMENTS
5. SUMMARY OF QUANTITIES
6. LOCATION MAP 1
- 7.-9. TYPICAL SECTIONS (LOCATION 1)
10. LOCATION MAP 2
- 11.-12. TYPICAL SECTIONS (LOCATION 2)
- 13.-18. SCHEDULE OF QUANTITIES
- 19.-21. DETAILS

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND STANDARDS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN -	REVISED -			• (28.29)RS-4, 3ORS-1	MARION	21	2	
	PLOT DATE = #DATE#	CHECKED -	REVISED -			• FAS 1791/FAU 8625/SBI 2C	CONTRACT NO. 76D78			
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. THE CONTRACTOR AND ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.
3. EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
4. MIXTURES FOR JOINTS, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
5. THE USE OF VIBRATORY ROLLERS IS PROHIBITED IN RESIDENTIAL AREAS AND ON BRIDGES. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE BITUMINOUS PAVEMENTS AS SPECIFIED IN THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS.
6. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
7. THE THICKNESS OF HMA SURFACE REMOVAL IS THE REMOVAL DEPTH AT THE CENTERLINE. THE REMOVAL DEPTH VARIES FROM 3/4" TO 1". 1 1/2" SHALL BE REMOVED ON SN 061-0032. AN ESTIMATED 2700 TONS OF HMA SURFACE WILL BE REMOVED.
8. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- *AMERENIP, GAS & ELECTRIC
- *AT&T COMMUNICATIONS
- *CENTERPOINT ENERGY PIPELINE
- *VILLAGE OF CENTRAL CITY SANITARY SEWER
- *CITY OF CENTRALIA WATER & SANITARY SEWER
- *CHARTER COMMUNICATIONS CABLE TV
- *COUNTRYMARK COOPERATIVE, LLP PIPELINE
- *FRONTIER COMMUNICATIONS COMPANY
- *VILLAGE OF IRVINGTON WATER & SANITARY SEWER
- *VILLAGE OF JUNCTION CITY WATER & SANITARY SEWER
- *VILLAGE OF ODIN WATER & SANITARY SEWER
- *PAETEC COMMUNICATIONS
- *VILLAGE OF SANDOVAL WATER & SANITARY SEWER

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

9. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
10. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES AND SIDE ROADS.
11. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING.
12. ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO HMA SURFACE REMOVAL.
13. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.
14. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
15. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
16. THE PAVEMENT MARKING SHOWN IN THE PLANS IS APPROXIMATE. THE LOCATION OF THE PROPOSED PAVEMENT MARKINGS SHALL MATCH EXISTING FIELD CONDITIONS.
17. SHORT-TERM PAVEMENT MARKINGS SHALL BE APPLIED TO THE MILLED, PRIMED, HMA BINDER, AND HMA SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS. ONLY REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.
18. ANY EXISTING SIGNS THAT INTERFERE WITH THE REMOVAL OF EXISTING GUARDRAIL OR INSTALLATION OF NEW GUARDRAIL SHALL BE REMOVED AND RE-ERECTED AT THE SAME LOCATION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF GUARDRAIL REMOVAL. SIGNS OR POSTS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
19. FILTER FABRIC WILL BE REQUIRED UNDER THE PROPOSED RIP RAP CLASS A3.

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - ---	REVISED - ---			* (28,29)RS-4, 30RS-1		MARION	21	3
	PLOT DATE = #DATE#	CHECKED - ---	REVISED - ---			* FAS 1791/FAU 8625/SBI 2C				CONTRACT NO. 76D78
		DATE - -----	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
						SCALE: -----	SHEET NO. --- OF --- SHEETS	STA. ----- TO STA. -----		

20. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

ROUTE	FAS 1791/FAU 8625/SBI 2C
SECTION	(28,29)RS-4, 3ORS-1
COUNTY	MARION
CONTRACT	76D78

DESCRIPTION:	RESURFACING OLD US 51 FROM SANDOVAL TO CENTRAL CITY AND FROM GREENVIEW RD. TO GREENVIEW CHURCH RD.
--------------	--

ADT (Constructio	1850
MU%:	1
SU%:	5
20 YR. ESAL'S:	0.24

MIXTURE USE	SURFACE	LEVEL BINDER	PATCHING
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION			
(GRADATION MIXTURE)		IL 9.5	IL 19.0
FRICTION AGG	MIXTURE "C"	MIXTURE "C"	MIXTURE "B"

**** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.**

Plan quantities for Bituminous Concrete Surface Course items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

TRAFFIC CONTROL

1. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
2. ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
3. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE, 48".
4. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.

COMMITMENTS

NONE

FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - ---	REVISED - ---			•	(28,29)RS-4, 3ORS-1	MARION	21	4
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---			• FAS 1791/FAU 8625/SBI 2C		CONTRACT NO. 76D78		
	PLOT DATE = #DATE#	DATE - ---	REVISED - ---	SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

100% STATE

100% STATE

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	LOCATION 1 1000	LOCATION 2 1000	-----
20100500	TREE REMOVAL, ACRES	ACRE	0.25	0.25		
20400800	FURNISHED EXCAVATION	CU YD	350	200	150	
25000200	SEEDING, CLASS 2	ACRE	0.5	0.35	0.15	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	31	14	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45	31	14	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	31	14	
25100115	MULCH, METHOD 2	ACRE	0.5	0.35	0.15	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	70	40	30	
28100105	STONE RIPRAP, CLASS A3	SQ YD	1222	1222		
28200200	FILTER FABRIC	SQ YD	1222	1222		
35101400	AGGREGATE BASE COURSE, TYPE B	TON	67	63	4	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	10		10	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	19.4	17.1	2.3	
40600300	AGGREGATE (PRIME COAT)	TON	92.1	81.7	10.4	
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	2534.7	2249.2	285.5	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1557.5	1102.5	455	
40600990	TEMPORARY RAMP	SQ YD	612.2	462.8	149.4	
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	5079.2	4498.4	580.8	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	68.3	58.9	9.4	
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	53553	53553		
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	6797.7		6797.7	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	117.8		117.8	
44000400	GUTTER REMOVAL	FOOT	1152	1102	50	
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	10.4		10.4	
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	233.5	86.3	147.2	
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	71	19.2	51.8	
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	242.1		242.1	
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	38	38		
44213200	SAW CUTS	FOOT	173	173		
45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	1750	1750		
45200300	JOINT OR CRACK FILLING	POUND	497	497		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	650.4	562.3	88.1	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5.3	2.6	2.7	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	LOCATION 1 1000	LOCATION 2 1000	-----
60602800	CONCRETE GUTTER, TYPE B	FOOT	1112	1102	10	
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1312.5	750	562.5	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	12	8	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	14	8	6	
63200310	GUARDRAIL REMOVAL	FOOT	871	813	58	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	4	2	
67100100	MOBILIZATION	L SUM	1	0.75	0.25	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.75	0.25	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.75	0.25	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.75	0.25	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	7884	7884		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	54393	54393		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	18611	18611		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	53861	53861		
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	532	532		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	245	245		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	33	20	13	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	14	8	6	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	245	245		
X7030070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	532	532		
Z0017202	DOWEL BARS 1 1/2"	EACH	69	69		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		

**Specialty Items*

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - ---	REVISED - ---		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____	TO STA. _____	(28,29)RS-4, 3ORS-1	MARION	21 5
		CHECKED - ---	REVISED - ---						* FAS 1791/FAU 8625/SBI 2C	CONTRACT NO. 76D78	
		DATE - -----	REVISED - ---						FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT	

NOTE: CRACK AND JOINT SEAL EXISTING
PCC PAVEMENT FROM
STA. 1000+00 TO 998+44

BEGIN PROJECT STA. 1000+00
EDGE OF PAVEMENT US 51

BEGIN RESURFACING
EXISTING JOINT STA. 0.00

US 51

STA. 0+10
SEMI ST.

PLACE TILE
FOR FINISH

BRIDGE OMISSION
SN 061-0006
STA. 3+40 TO 4+31

STATION EQUATION
STA. 998+44 BK = 0+00 AH

RAILROAD UNDERPASS OMISSION
STA. 104+89 TO 106+22

ILLINOIS CENTRAL R.R.

PLACE TILE
FOR FINISH

OLD US 51

BRIDGE OMISSION
SN 061-0007
STA. 186+61 TO 188+86

CONCRETE BRIDGE NO.
STA. 177+00

END RESURFACING
EXISTING JOINT
STA. 197+28

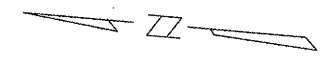
END PROJECT
STA. 200+83
EDGE OF PAVEMENT US 51

NOTE: CRACK AND JOINT SEAL EXISTING
PCC PAVEMENT FROM
STA. 197+28 TO 200+83

US 51

SANDOVAL

CENTRAL CITY

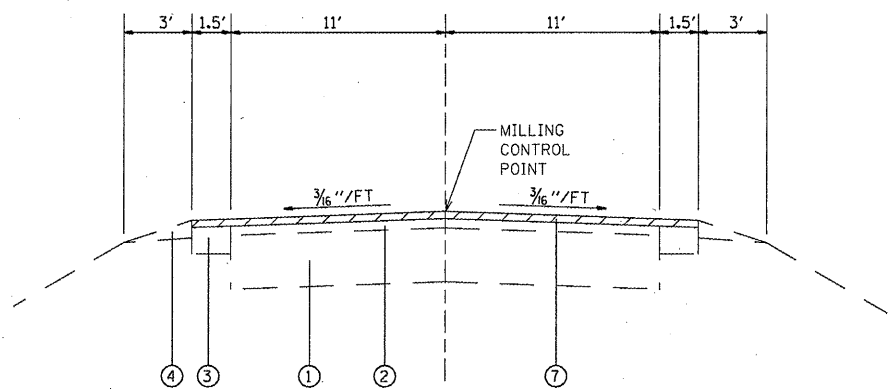


FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

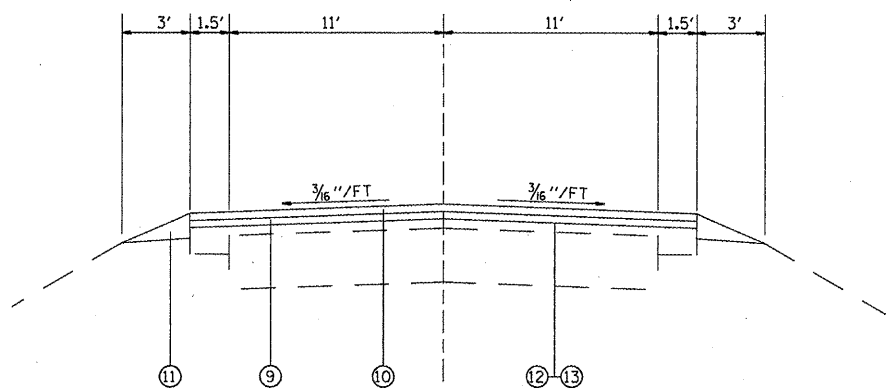
LOCATION MAP - LOCATION 1
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(28,29)RS-4, 3ORS-1	MARION	21	6
• FAS 1791/FAU 8625/SBI 2C		CONTRACT NO. 76078		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



**EXISTING
TANGENT SECTION**

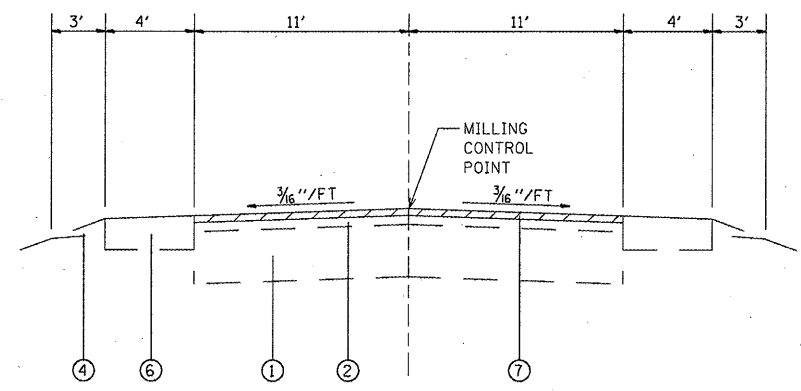
STA. 0+00 TO STA. 2+19
 STA. 4+95L TO STA. 5+49
 STA. 10+65.7 TO STA. 101+79
 STA. 115+66.3 TO STA. 118+26.5
 STA. 121+21.7 TO STA. 126+83.2
 STA. 144+47.4 TO STA. 144+57.1
 STA. 147+77.9 TO STA. 154+43.1
 STA. 157+91.6 TO STA. 162+01.2
 STA. 166+31.8 TO STA. 174+91.2
 STA. 179+39.5 TO STA. 182+06.5
 STA. 186+23.1 TO STA. 186+61
 STA. 188+61 TO STA. 191+48.8



**PROPOSED
TANGENT SECTION**

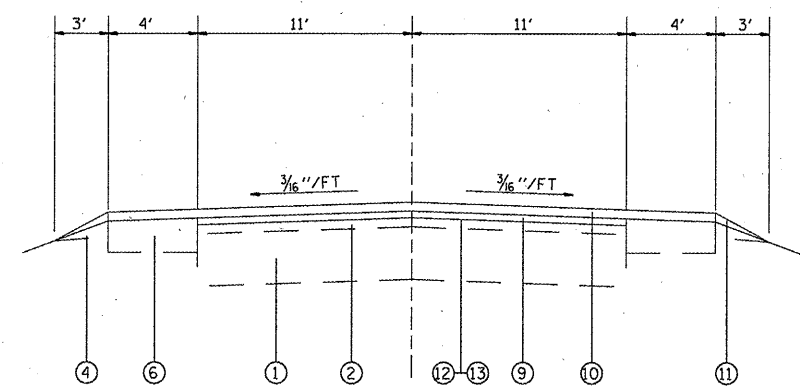
STA. 0+00 TO STA. 2+19
 STA. 4+95L TO STA. 5+49
 STA. 10+65.7 TO STA. 101+79
 STA. 115+66.3 TO STA. 118+26.5
 STA. 121+21.7 TO STA. 126+83.2
 STA. 144+47.4 TO STA. 144+57.1
 STA. 147+77.9 TO STA. 154+43.1
 STA. 157+91.6 TO STA. 162+01.2
 STA. 166+31.8 TO STA. 174+91.2
 STA. 179+39.5 TO STA. 182+06.5
 STA. 186+23.1 TO STA. 186+61
 STA. 188+61 TO STA. 191+48.8

- LEGEND**
- ① EXISTING PCC PAVEMENT
 - ② EXISTING HMA OVERLAY
 - ③ EXISTING HMA SAFETY SHOULDER
 - ④ EXISTING AGGREGATE SHOULDER WEDGE
 - ⑤ EXISTING GUTTER
 - ⑥ EXISTING CONCRETE SHOULDER
 - ⑦ PROPOSED HMA SURFACE REMOVAL, 3/4"
 - ⑧ PROPOSED HMA SURFACE REMOVAL, 1"
 - ⑨ PROPOSED HMA LEVELING BINDER (MACHINE METHOD), 3/4"
 - ⑩ PROPOSED HMA SURFACE CSE., 1 1/2"
 - ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - ⑫ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
 - ⑬ PROPOSED AGGREGATE (PRIME COAT)
 - ⑭ PROPOSED TYPE B GUTTER
 - ⑮ EXISTING CONCRETE BRIDGE DECK
 - ⑯ EXISTING HMA WEARING SURFACE
 - ⑰ PROPOSED HMA SURFACE REMOVAL 1 1/2"
 - ⑱ PROPOSED AGGREGATE BASE CSE, T-B
 - ⑲ PROPOSED FURNISHED EXCAVATION



**EXISTING
TANGENT SECTION**

STA. 2+19 TO STA. 3+40
 STA. 4+31 TO STA. 4+95L
 STA. 4+31 TO STA. 5+49R



**PROPOSED
TANGENT SECTION**

STA. 2+19 TO STA. 3+40
 STA. 4+31 TO STA. 4+95L
 STA. 4+31 TO STA. 5+49R

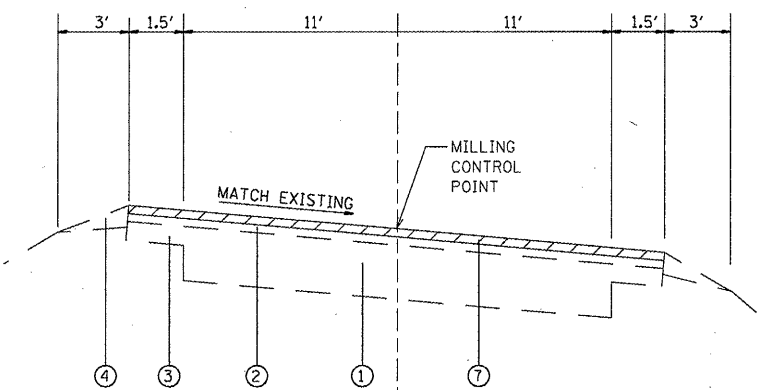
FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---
#FILE#		DRAWN - ---	REVISED - ---
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---
	PLOT DATE = #DATE#	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

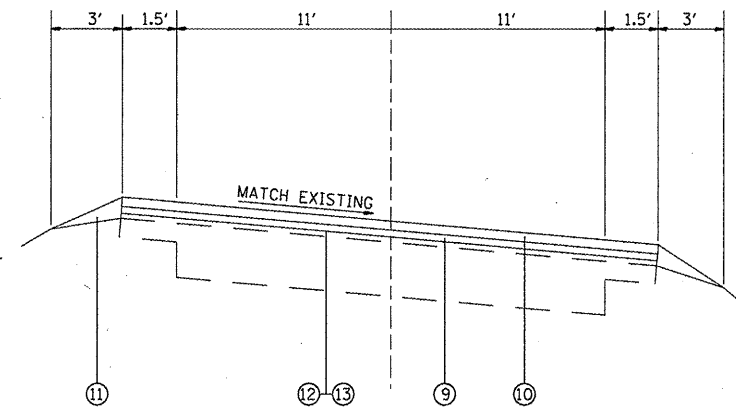
TYPICAL SECTIONS - LOCATION 1

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(28,29)RS-4, 3ORS-1	MARION	21	7
	FAS 1791/FAU 8625/SBI 2C			CONTRACT NO. 76078
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



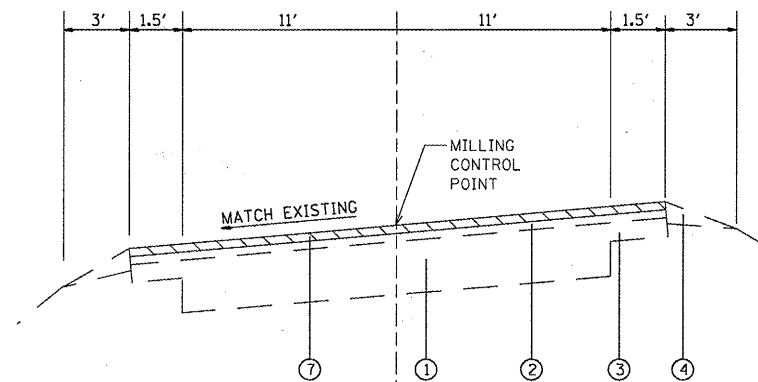
EXISTING
SUPERELEVATED SECTION
STA. 5+49 TO STA. 10+65.7
STA. 110+19 TO STA. 115+66.3



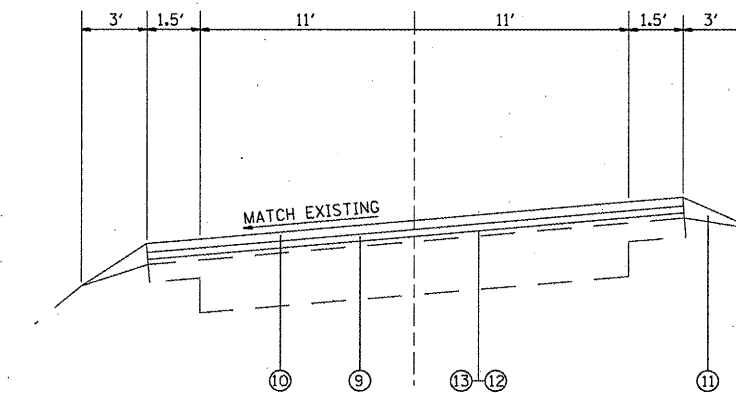
PROPOSED
SUPERELEVATED SECTION
STA. 5+49 TO STA. 10+65.7
STA. 110+19 TO STA. 115+66.3

- LEGEND**
- ① EXISTING PCC PAVEMENT
 - ② EXISTING HMA OVERLAY
 - ③ EXISTING HMA SAFETY SHOULDER
 - ④ EXISTING AGGREGATE SHOULDER WEDGE
 - ⑤ EXISTING GUTTER
 - ⑥ EXISTING CONCRETE SHOULDER
 - ⑦ PROPOSED HMA SURFACE REMOVAL, 3/4"
 - ⑧ PROPOSED HMA SURFACE REMOVAL, 1"
 - ⑨ PROPOSED HMA LEVELING BINDER (MACHINE METHOD), 3/4"
 - ⑩ PROPOSED HMA SURFACE CSE., 1 1/2"
 - ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - ⑫ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
 - ⑬ PROPOSED AGGREGATE (PRIME COAT)
 - ⑭ PROPOSED TYPE B GUTTER
 - ⑮ EXISTING CONCRETE BRIDGE DECK
 - ⑯ EXISTING HMA WEARING SURFACE
 - ⑰ PROPOSED HMA SURFACE REMOVAL 1 1/2"
 - ⑱ PROPOSED AGGREGATE BASE CSE, T-B
 - ⑲ PROPOSED FURNISHED EXCAVATION

NOTE: EXISTING SUPERELEVATIONS AND
SUPERELEVATION TRANSITIONS SHALL BE
BE MAINTAINED



EXISTING
SUPERELEVATED SECTION
STA. 118+26.5 TO STA. 121+21.7
STA. 126+83.2 TO STA. 144+47.4
STA. 144+57.1 TO STA. 147+77.9
STA. 154+43.1 TO STA. 157+91.6
STA. 162+01.2 TO STA. 166+31.8
STA. 174+91.2 TO STA. 179+39.5
STA. 182+06.5 TO STA. 186+23.1
STA. 191+48.8 TO STA. 197+28



PROPOSED
SUPERELEVATED SECTION
STA. 118+26.5 TO STA. 121+21.7
STA. 126+83.2 TO STA. 144+47.4
STA. 144+57.1 TO STA. 147+77.9
STA. 154+43.1 TO STA. 157+91.6
STA. 162+01.2 TO STA. 166+31.8
STA. 174+91.2 TO STA. 179+39.5
STA. 182+06.5 TO STA. 186+23.1
STA. 191+48.8 TO STA. 197+28

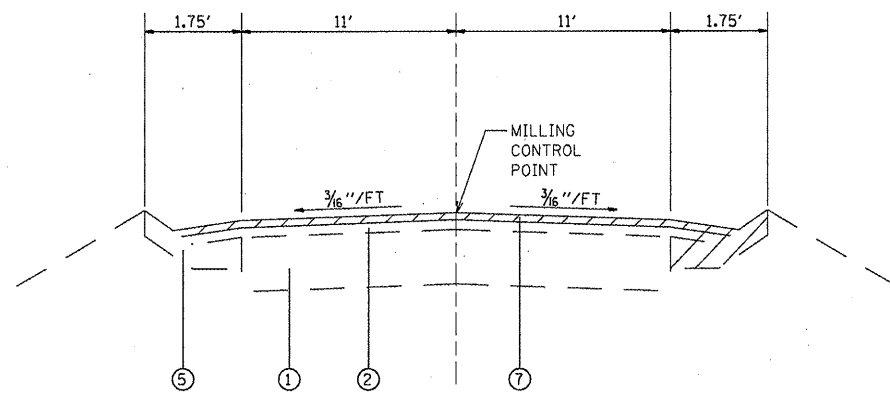
FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---
#FILE#		DRAWN - ---	REVISED - ---
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---
	PLOT DATE = #DATE#	DATE - ---	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

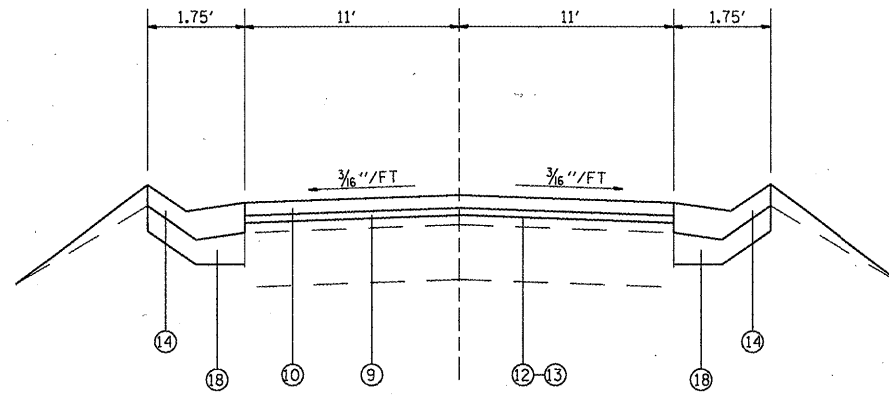
TYPICAL SECTIONS - LOCATION 1

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

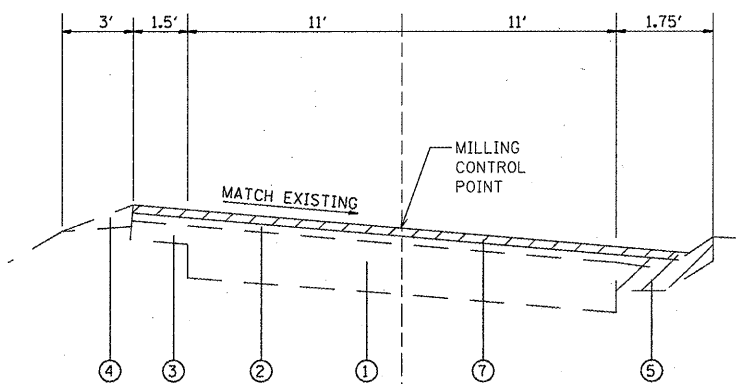
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(28,29)RS-4, 3ORS-1	MARION	21	8
•	FAS 1791/FAU 8625/SBI 2C	CONTRACT NO. 76D78		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



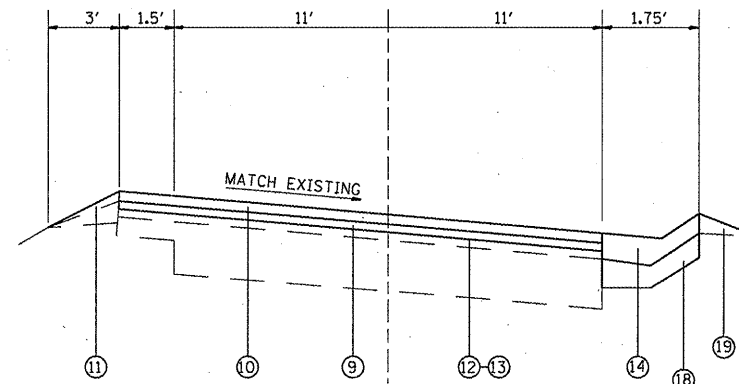
EXISTING
TANGENT SECTION
STA. 101+79 TO 104+89
STA. 106+22 TO 107+07



PROPOSED
TANGENT SECTION
STA. 101+79 TO 104+89
STA. 106+22 TO 107+07



EXISTING
SUPERELEVATED SECTION
STA. 107+07 TO 110+19



PROPOSED
SUPERELEVATED SECTION
STA. 107+07 TO 110+19

NOTE: EXISTING GUTTER SHOWN HATCHED
INDICATES GUTTER TO BE REMOVED.

NOTE: EXISTING SUPER ELEVATIONS AND SUPERELEVATION
TRANSITIONS SHALL BE MAINTAINED.

- LEGEND**
- ① EXISTING PCC PAVEMENT
 - ② EXISTING HMA OVERLAY
 - ③ EXISTING HMA SAFETY SHOULDER
 - ④ EXISTING AGGREGATE SHOULDER WEDGE
 - ⑤ EXISTING GUTTER
 - ⑥ EXISTING CONCRETE SHOULDER
 - ⑦ PROPOSED HMA SURFACE REMOVAL, 3/4"
 - ⑧ PROPOSED HMA SURFACE REMOVAL, 1"
 - ⑨ PROPOSED HMA LEVELING BINDER (MACHINE METHOD), 3/4"
 - ⑩ PROPOSED HMA SURFACE CSE., 1 1/2"
 - ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - ⑫ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
 - ⑬ PROPOSED AGGREGATE (PRIME COAT)
 - ⑭ PROPOSED TYPE B GUTTER
 - ⑮ EXISTING CONCRETE BRIDGE DECK
 - ⑯ EXISTING HMA WEARING SURFACE
 - ⑰ PROPOSED HMA SURFACE REMOVAL 1 1/2"
 - ⑱ PROPOSED AGGREGATE BASE CSE, T-B
 - ⑲ PROPOSED FURNISHED EXCAVATION

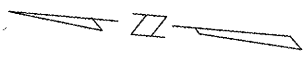
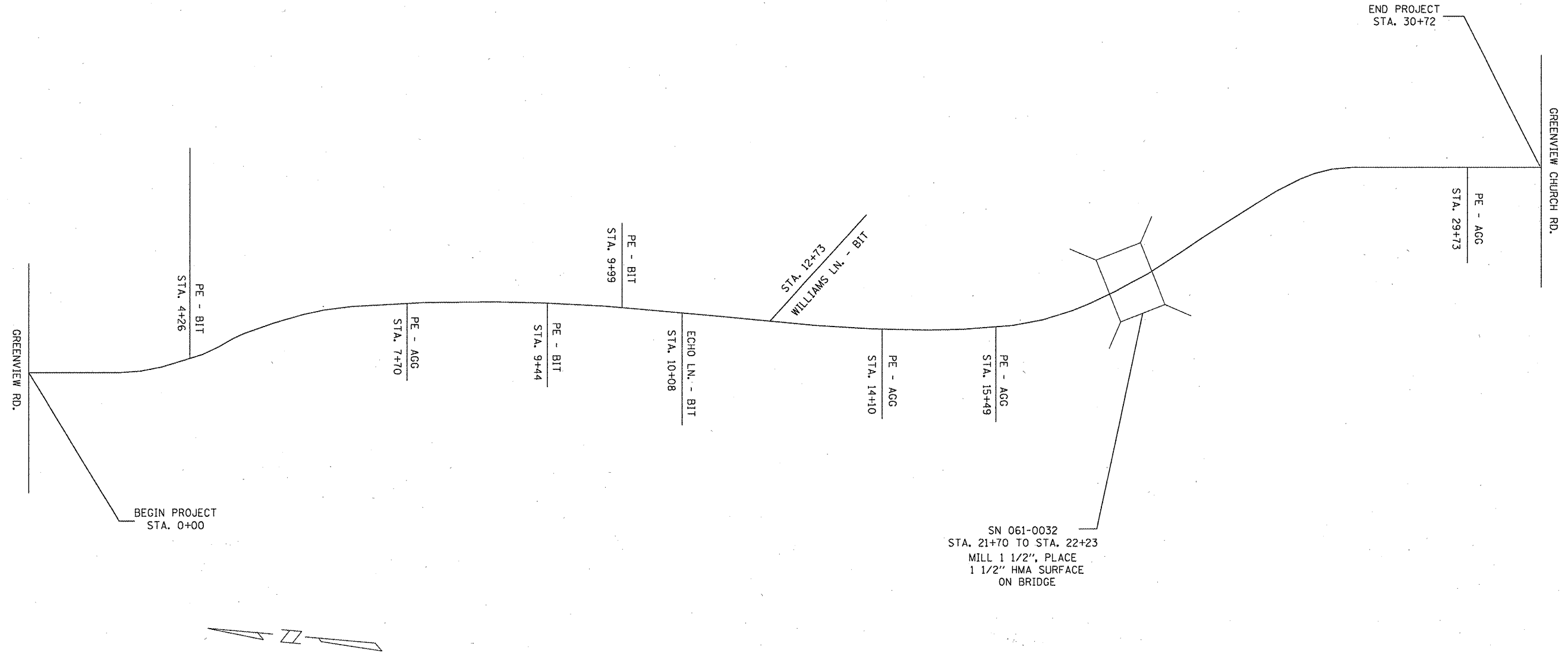
FILE NAME =	USER NAME = *USER*	DESIGNED - ---	REVISED - ---
FILEL		DRAWN - ---	REVISED - ---
	PLOT SCALE = *SCALE*	CHECKED - ---	REVISED - ---
	PLOT DATE = *DATE*	DATE - ---	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

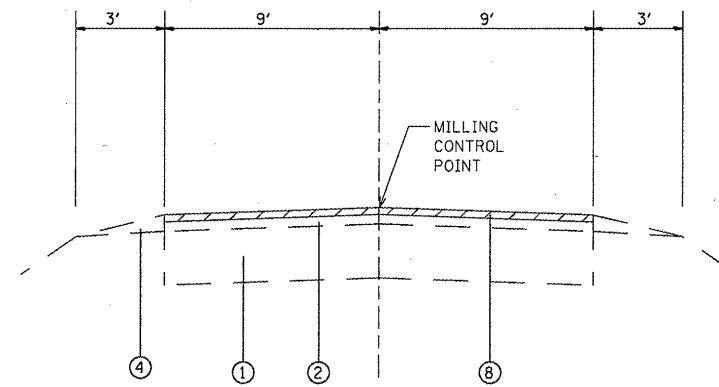
TYPICAL SECTIONS - LOCATION 1

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

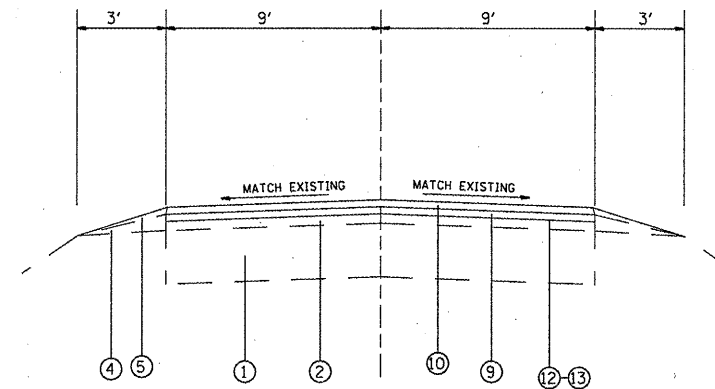
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(28,29)RS-4, 3ORS-1	MARION	21	9
• FAS 1791/FAU 8625/SBI 2C			CONTRACT NO. 76D78	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP - LOCATION 2	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---			• (28,29)RS-4, 3ORS-1	MARION	21	10	
	PLOT DATE = #DATE#	DATE - ---	REVISED - ---			• FAS 1791/FAU B625/SBI 2C	CONTRACT NO. 76078			
						FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										

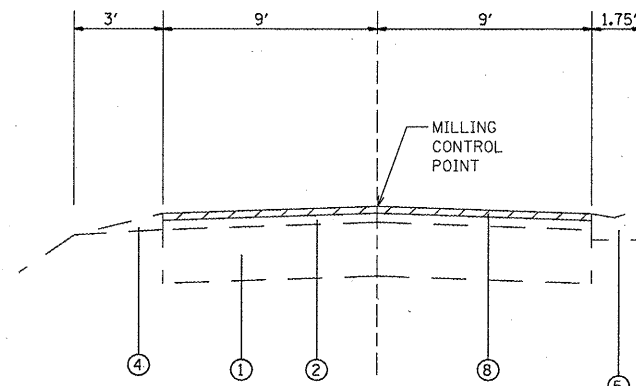


EXISTING
TYPICAL SECTION
STA. 0+00 TO STA. 14+32
STA. 17+21 TO STA. 21+70
STA. 22+73 TO STA. 30+72

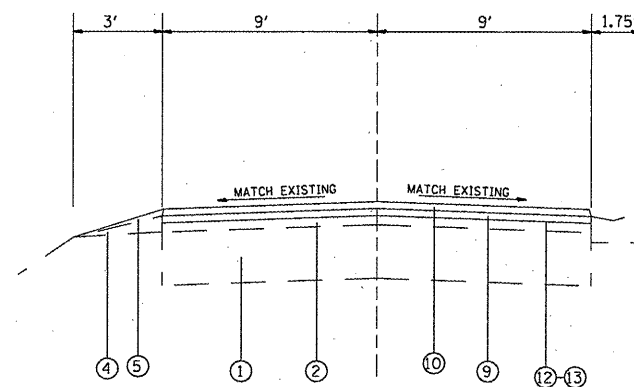


PROPOSED
TYPICAL SECTION
STA. 0+00 TO STA. 14+32
STA. 17+21 TO STA. 21+70
STA. 22+73 TO STA. 30+72

- LEGEND**
- ① EXISTING PCC PAVEMENT
 - ② EXISTING HMA OVERLAY
 - ③ EXISTING HMA SAFETY SHOULDER
 - ④ EXISTING AGGREGATE SHOULDER WEDGE
 - ⑤ EXISTING GUTTER
 - ⑥ EXISTING CONCRETE SHOULDER
 - ⑦ PROPOSED HMA SURFACE REMOVAL, 3/4"
 - ⑧ PROPOSED HMA SURFACE REMOVAL, 1"
 - ⑨ PROPOSED HMA LEVELING BINDER (MACHINE METHOD), 3/4"
 - ⑩ PROPOSED HMA SURFACE CSE., 1 1/2"
 - ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - ⑫ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
 - ⑬ PROPOSED AGGREGATE (PRIME COAT)
 - ⑭ PROPOSED TYPE B GUTTER
 - ⑮ EXISTING CONCRETE BRIDGE DECK
 - ⑯ EXISTING HMA WEARING SURFACE
 - ⑰ PROPOSED HMA SURFACE REMOVAL 1 1/2"
 - ⑱ PROPOSED AGGREGATE BASE CSE, T-B
 - ⑲ PROPOSED FURNISHED EXCAVATION



EXISTING
TYPICAL SECTION
STA. 14+32 TO STA. 17+21



PROPOSED
TYPICAL SECTION
STA. 14+32 TO STA. 17+21

FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---
#FILEL#		DRAWN - ---	REVISED - ---
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---
	PLOT DATE = #DATE#	DATE - ---	REVISED - ---

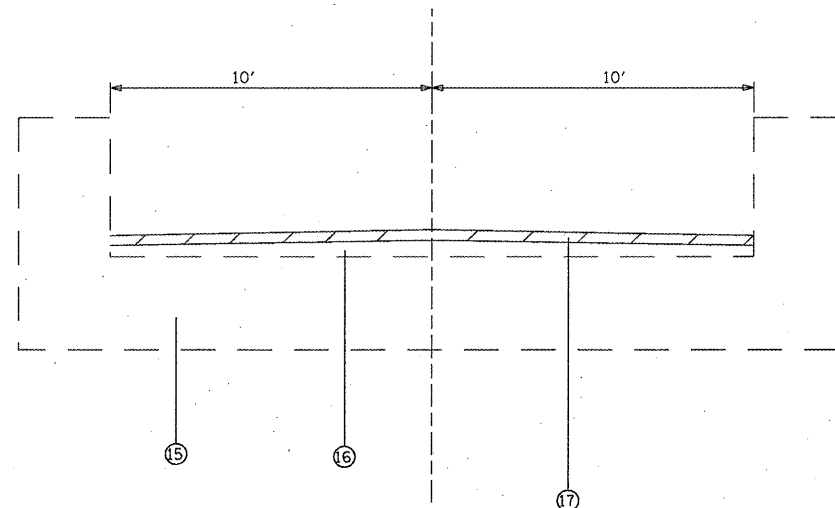
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - LOCATION 2

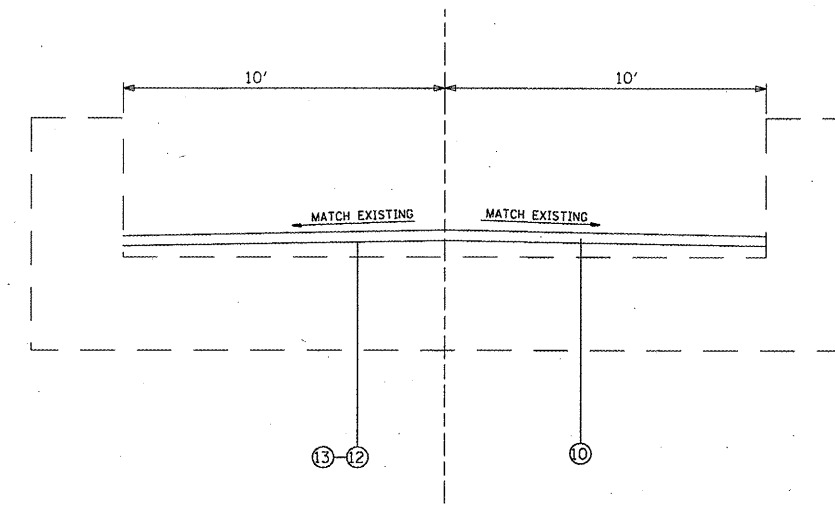
SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			• (28,29)RS-4, 3ORS-1	MARION	21	11	
			• FAS 1791/FAD 8625/SBI 2C				CONTRACT NO. 76D78
			FED. ROAD DIST. NO. _____	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① EXISTING PCC PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING HMA SAFETY SHOULDER
- ④ EXISTING AGGREGATE SHOULDER WEDGE
- ⑤ EXISTING GUTTER
- ⑥ EXISTING CONCRETE SHOULDER
- ⑦ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑧ PROPOSED HMA SURFACE REMOVAL, 1"
- ⑨ PROPOSED HMA LEVELING BINDER (MACHINE METHOD), 3/4"
- ⑩ PROPOSED HMA SURFACE CSE., 1 1/2"
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑫ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ⑬ PROPOSED AGGREGATE (PRIME COAT)
- ⑭ PROPOSED TYPE B GUTTER
- ⑮ EXISTING CONCRETE BRIDGE DECK
- ⑯ EXISTING HMA WEARING SURFACE
- ⑰ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑱ PROPOSED AGGREGATE BASE CSE, T-B
- ⑲ PROPOSED FURNISHED EXCAVATION



**EXISTING
TYPICAL SECTION**
SN. 061-0032
STA. 21+70 TO STA. 22+23



**PROPOSED
TYPICAL SECTION**
SN. 061-0032
STA. 21+70 TO STA. 22+23

FILE NAME *	USER NAME * #USER*	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE*	CHECKED -	REVISED -
	PLOT DATE = #DATE*	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS - LOCATION 2

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(28,29)RS-4, 3ORS-1	MARION	21	12
* FAS 1791/FAU 8625/SBI 2C		CONTRACT NO. 76078		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

BUTT JOINT SCHEDULE LOCATION #1							TEMPORARY RAMPS SCHEDULE				
LOCATION		SIDE	AREA				AREA				
			LENGTH MAINLINE (FEET)	LENGTH E.O.P. (FEET)	LENGTH BACK (FEET)	WIDTH (FEET)	HMA SURFACE REM. (BUTT JOINT) (SQ YD)	LENGTH (FEET)	WIDTH (FEET)	TEMPORARY RAMP (SQ YD)	
STA	TO STA	LT/RT									
AT NORTH JOINT											
0+00	TO 0+30		30			25		83.3	25	5	13.9
HAWAII STREET		RT		30	20	7.5		20.8	30	5	16.7
3+18											
AT STRUCTURE 061-006 N											
3+10	TO 3+40		30			25		83.3	25	5	13.9
AT STRUCTURE 061-006 S											
4+31	TO 4+61		30			25		83.3	25	5	13.9
ALASKA AVENUE		LT		81	55	7.5		56.7	81	5	45.0
5+22											
MONTANA AVENUE		LT		50	27	7.5		32.1	50	5	27.8
12+30											
RED STRIPE ROAD		LT		50	33	7.5		34.6	50	5	27.8
53+55											
RED STRIPE ROAD		RT		48	33	7.5		33.8	48	5	26.7
53+55											
BRINK ROAD		LT		56	41	7.5		40.4	56	5	31.1
80+24											
BRINK ROAD		RT		77	63	7.5		58.3	77	5	42.8
80+24											
RR UNDERPASS N											
104+59	TO 104+89		30			20		66.7	20	5	11.1
RR UNDERPASS S											
106+22	TO 106+52		30			20		66.7	20	5	11.1
BETHEL ROAD		LT		77	54	7.5		54.6	77	5	42.8
109+43											
JUNCTION CITY ROAD		RT		96	74	7.5		70.8	74	5	41.1
144+52											
COMMUNITY BEACH ROAD		LT		100	61	7.5		67.1	100	5	55.6
177+70											
AT STRUCTURE 061-007											
186+31	TO 186+61		30			25		83.3	25	5	13.9
AT STRUCTURE 061-007											
188+86	TO 189+16		30			25		83.3	25	5	13.9
AT SOUTH JOINT											
196+98	TO 197+28		30			25		83.3	25	5	13.9
TOTAL								1102.5			462.8

BUTT JOINT SCHEDULE LOCATION #2								TEMPORARY RAMPS SCHEDULE			
LOCATION		SIDE	AREA					AREA			
			LENGTH MAINLINE (FEET)	LENGTH E.O.P. (FEET)	LENGTH BACK (FEET)	WIDTH (FEET)	HMA SURFACE REM (BUTT JOINT) (SQ YD)	LENGTH (FEET)	WIDTH (FEET)	TEMP RAMP (SQ YD)	
STA	TO STA	LT/RT									
AT NORTH JOINT											
0+00	TO 0+30		30	100	31	65.5		218.3	100	5	55.6
ECHO LANE											
10+08		RT	7.5	38	31	34.5		28.8	38	5	21.1
WILLIAMS LANE											
12+73		LT	7.5	50	29	39.5		32.9	50	5	27.8
AT SOUTH JOINT											
30+42	TO 30+72		30	81	24	52.5		175	81	5	45.0
TOTAL								455.0			149.4

GUTTER & CLASS SI CONCRETE (OUTLET) SCHEDULE							
LOCATION FROM	TO	LT/RT	GUTTER REMOVAL (FOOT)	CONCRETE GUTTER TYPE B (FOOT)	CLASS SI CONCRETE (OUTLET) (CU YD)	AGGREGATE BASE CSE, T-B (TON)	NOTE
LOC 1							
101+79	104+89	LT	310	310	0.64	17.72	GUTTER INLET
101+79	104+89	RT	310	310	0.64	17.72	GUTTER INLET
106+22	107+07	LT	85	85	0.64	4.86	GUTTER INLET
106+22	110+19	RT	397	397	0.64	22.70	GUTTER INLET
TOTAL LOC 1			1102	1102	2.56	63.00	
LOC 2							
15+24	15+74	RT	50	10	2.72	4.00	GUTTER ENTRANCE
GRAND TOTAL							
TOTAL			1152	1112	5.3	67.0	

NOTE: INSTALL AGGREGATE BASE COURSE TYPE B UNDER PROPOSED GUTTER TO MAKE UP FOR ELEVATION DIFFERENCE BETWEEN EXISTING AND PROPOSED GUTTER

JOINT AND CRACK SEALING SCHEDULE			
LOCATION FROM	TO	JOINT/CRACK ROUTING (PCC PVT) (FOOT)	JOINT/CRACK FILLING (POUNDS)
LOCATION 1			
1000+00	998+44	650	184.6
STATION EQUATION 998+44 BK = 0+00 AH			
197+28	200+83	1100	312.4
TOTAL		1750	497

GUARDRAIL SCHEDULE							
LOCATION	GUARDRAIL REMOVAL (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE A (FOOT)	TRAFFIC BARRIER TERMINAL TYPE 6 (EACH)	TRAFFIC BARRIER TERMINAL TYPE 1 SPL (TANGENT) (EACH)	GUARDRAIL MARKERS TYPE A (EACH)	TERMINAL MARKER (DIRECT APPLIED) (EACH)	FURNISHED EXCAVATION (CU YD)
LOCATION 1 RR UNDERPASS							
NE QUAD	92	0	1	1	1	1	25
NW QUAD	103	75	1	1	2	1	25
SE QUAD	103	75	1	1	2	1	25
SW QUAD	103	0	1	1	1	1	25
SN 061-0007 CROOKED CREEK							
NE QUAD	103	112.5	1	1	3	1	25
NW QUAD	103	187.5	1	1	4	1	25
SE QUAD	103	187.5	1	1	4	1	25
SW QUAD	103	112.5	1	1	3	1	25
LOC 1 TOTALS	813	750	8	8	20	8	200
LOCATION 2 WILLIAMS RD							
13+74L TO 17+86.5L	0	312.5	0	2	5	2	50
SN 061-0032							
NE QUAD	14.5	37.5	1	1	2	1	25
NW QUAD	14.5	87.5	1	1	2	1	25
SE QUAD	14.5	87.5	1	1	2	1	25
SW QUAD	14.5	37.5	1	1	2	1	25
LOC 2 TOTALS	58	562.5	4	6	13	6	150
GRAND TOTAL	871	1312.5	12	14	33	14	350

CLASS B PAVEMENT PATCHING 9 INCH SCHEDULE						
LOCATION	LANE	LENGTH (FT)	LANE WIDTH (FT)	CLASS B PATCH TYPE II (SQ YD)	DOWEL BARS 1 1/2 inch (EACH)	SAWCUT (FT)
OLD US 51 (LOCATION 1)						
105 +	63 SB	10.0	10.0	11.1	20	50.0
106 +	64 NB	10.0	10.0	11.1	20	50.0
106 +	64 SB	10.0	10.0	11.1	20	50.0
SUBTOTAL:				33.3	60	150.0
ANTICIPATED FAILURES (15%):				5.0	9	22.5
TOTAL:				38	69	173

SEEDING, MULCH & FERTILIZER					
LOCATION	SEEDING CL 2 (ACRE)	MULCH METHOD 2 (ACRE)	NITROGEN FERT. NUTRIENT (POUND)	PHOSPHORUS FERT. NUTRIENT (POUND)	POTASSIUM FERT. NUTRIENT (POUND)
LOCATION 1					
RR UNDERPASS	0.25	0.25	22.5	22.5	22.5
SN 061-0007 CROOKED CREEK					
	0.1	0.1	9	9	9
LOCATION 2					
WILLIAMS RD	0.05	0.05	4.5	4.5	4.5
SN 061-0032	0.1	0.1	9	9	9
TOTAL	0.5	0.5	45	45	45

FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - ---	REVISED - ---			• (28,29)RS-4, 30RS-1	MARION	21	14	
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---			• FAS 1791/FAU 8625/SBI 2C	CONTRACT NO. 76078			
	PLOT DATE = #DATE#	DATE - ---	REVISED - ---			FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT			
					SCALE: _____	SHEET NO. ___ OF ___ SHEETS		STA. _____ TO STA. _____		

PAVING SCHEDULE SECTION #1

PAVEMENT PATCHING 12 INCH SCHEDULE							
LOCATION	LANE	LENGTH	LANE WIDTH	PAVEMENT PATCHING TYPE I	PAVEMENT PATCHING TYPE II	PAVEMENT PATCHING TYPE III	PAVEMENT PATCHING TYPE IV
		(FT)	(FT)	(SQ. YD.)	(SQ. YD.)	(SQ. YD.)	(SQ. YD.)
OLD US 51 (LOCATION 1)							
2	+	87	NB		8.3		
170	+	26	NB			16.7	
186	+	24	NB		8.3		
186	+	24	SB		8.3		
190	+	20	NB		8.3		
190	+	20	SB		8.3		
190	+	50	NB		8.3		
190	+	50	SB		8.3		
190	+	67	NB		8.3		
190	+	67	SB		8.3		
SUBTOTAL (LOCATION 1)				0.0	75.0	16.7	0.0
ANTICIPATED FAILURES (15%)				0.0	11.3	2.5	0.0
TOTAL (LOCATION 1)				0.0	86.3	19.2	0.0
OLD US 51 (LOCATION 2)							
6	+	25	NB	60.0	9.0		60.0
6	+	25	SB	60.0	9.0		60.0
7	+	51	NB	12.0	9.0	12.0	
7	+	51	SB	12.0	9.0	12.0	
8	+	40	NB	15.0	9.0	15.0	
8	+	40	SB	15.0	9.0	15.0	
10	+	62	SB	80.0	4.0		35.6
11	+	50	NB	15.0	9.0	15.0	
12	+	35	SB	30.0	9.0		30.0
12	+	41	NB	8.0	9.0	8.0	
12	+	90	SB	25.0	9.0		25.0
14	+	34	SB	12.0	9.0	12.0	
14	+	81	NB	10.0	9.0	10.0	
14	+	81	SB	10.0	9.0	10.0	
16	+	2	NB	10.0	9.0	10.0	
16	+	2	SB	10.0	9.0	10.0	
16	+	63	NB	10.0	9.0	10.0	
16	+	63	SB	10.0	9.0	10.0	
21	+	37	NB	4.5	9.0	4.5	
21	+	37	SB	4.5	9.0	4.5	
24	+	80	NB	12.0	9.0	12.0	
24	+	80	SB	12.0	9.0	12.0	
SUBTOTAL (LOCATION 2)				9.0	128.0	45.0	210.6
ANTICIPATED FAILURES (15%):				1.4	19.2	6.8	31.6
TOTAL (LOCATION 2)				10.4	147.2	51.8	242.1
GRAND TOTAL (LOC 1 +LOC 2)				10.4	233.5	71	242.1

LOCATION	SIDE	BIT MATL'S PRIME COAT	AGG PRIME COAT	HMA SURFACE REMOVAL	LEVELING BINDER MACHINE METHOD N70	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N70	AGG WEDGE SHLDRS TYPE B
STA TO STA	LT/RT	(TON)	(TON)	3/4 IN (SQ YD)	(TON)	(TON)	(TON)
BEGIN JOB STA. 1000+00							
1000+00 TO 998+44		0.0	0.0	0.0	0.0	0.0	0.0
STATION EQUATION							
998+44 BK TO 0+00 AH		0.0	0.0	0.0	0.0	0.0	0.0
BEGIN HMA RESURFAC STA. 0+00							
0+00 TO 0+70		0.06	0.3	194.4	8.2	16.3	2.0
SEMI ST.	0+70 RT						
0+70 TO 3+18		0.22	1.0	688.9	28.9	57.9	7.2
HAWAII ST.	3+18 RT						
3+18 TO 3+40		0.02	0.1	61.1	2.6	5.1	0.6
BEGIN BRIDGE OMISS 3+40							
END BRIDGE OMISS 4+31							
4+31 TO 5+22		0.08	0.4	252.8	10.6	21.2	2.7
ALASKA AVE.	5+22 LT						
5+22 TO 12+30		0.62	3.0	1,966.7	82.6	165.2	20.6
MONTANA AVE.	12+30 LT						
12+30 TO 25+38		1.14	5.5	3,633.3	152.6	305.2	38.1
COLONIAL AVE.	25+38 RT						
25+38 TO 53+55		2.45	11.7	7,825.0	328.7	657.3	82.2
RED STRIPE RD	53+55 LT/RT						
53+55 TO 80+24		2.32	11.1	7,413.9	311.4	622.8	77.8
BRINK RD.	80+24 LT/RT						
80+24 TO 104+89		2.14	10.3	6,847.2	287.6	575.2	71.9
UNDERPASS OMISS 104+89							
UNDERPASS OMISS 106+22							
106+22 TO 109+43		0.28	1.3	891.7	37.5	74.9	9.4
BETHEL RD.	109+43 LT						
109+43 TO 144+52		3.05	14.6	9,747.2	409.4	818.8	102.3
JUNCTION CITY RD.	144+52 RT						
144+52 TO 177+70		2.88	13.8	9,216.7	387.1	774.2	96.8
COMMUNITY BEACH RD.	177+70 LT						
177+70 TO 186+61		0.77	3.7	2,475.0	104.0	207.9	26.0
BEGIN BRIDGE OMISS 186+61							
END BRIDGE OMISS 188+86							
188+86 TO 197+28		0.73	3.5	2,338.9	98.2	196.5	24.6
END HMA RESURF STA. 197+28							
END OF JOB STA. 200+83							
TOTAL		16.8	80.3	53553	2249.2	4498.4	562.3

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -			• (28,29)RS-4, 30RS-1	MARION	21	15	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			• FAS 1791/FAU 8625/SB1 2C	CONTRACT NO. 76D78			
	PLOT DATE = #DATE#	DATE -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

PAVED SIDEROAD & ENTRANCE SCHEDULES LOCATION #1											
SIDEROAD & ENTRANCES	STATIONING	LT/RT	TYPE	WIDTH E.O.P. (FEET)	WIDTH BACK (FEET)	DISTANCE TO BACK (FEET)	SQ FEET SIDEROAD/ ENTRANCE (SQ FT)	SQ YARDS SIDEROAD/ ENTRANCE (SQ YDS)	BITUMINOUS PRIME COAT SIDERD/ENT (TONS)	AGGREGATE PRIME COAT SIDERD/ENT (TON)	INCIDENTAL HMA SURFACING (TON)
HAWAII ST.	3+18	RT	HMA	30	20	7.5	187.5	20.8	0.007	0.031	1.8
ALASKA AVE	5+22	LT	HMA	81	55	7.5	510.0	56.7	0.018	0.085	4.8
MONTANA AVE	12+30	LT	HMA	50	27	7.5	288.8	32.1	0.010	0.048	1.3
C.E.	16+25	RT	HMA	45	24	3	103.5	11.5	0.004	0.017	0.5
C.E.	17+37	RT	HMA	54	36	3	135.0	15.0	0.005	0.023	0.6
C.E.	18+44	RT	HMA	54	34	3	132.0	14.7	0.005	0.022	0.6
C.E.	19+65	RT	HMA	45	34	3	118.5	13.2	0.004	0.020	0.6
UNAMED SIDE ROAD	22+33	LT	CONC.	90	65	7.5	581.3	64.6	0.020	0.097	2.7
P.E.	30+85	LT	HMA	28	24	3	78.0	8.7	0.003	0.013	0.4
P.E.	39+74	RT	HMA	41	35	3	114.0	12.7	0.004	0.019	0.5
RED STRIPE RD	53+55	LT	HMA	50	33	7.5	311.3	34.6	0.011	0.052	2.9
RED STRIPE RD	53+55	RT	HMA	48	33	7.5	303.8	33.8	0.011	0.051	2.8
C.E.	67+25	RT	HMA	50	42	3	138.0	15.3	0.005	0.023	0.6
P.E.	71+92	RT	HMA	29	22	3	76.5	8.5	0.003	0.013	0.4
P.E.	74+94	RT	HMA	40	31	3	106.5	11.8	0.004	0.018	0.5
BRINK RD	80+24	LT	HMA	56	41	7.5	363.8	40.4	0.013	0.061	3.4
BRINK RD	80+24	RT	HMA	77	63	7.5	525.0	58.3	0.018	0.088	4.9
BETHEL RD	109+43	LT	HMA	77	54	7.5	491.3	54.6	0.017	0.082	4.6
P.E.	111+98	LT	HMA	51	44	7.5	356.3	39.6	0.012	0.059	1.7
P.E. /P.E. 2 ENT.	113+19/114+13	LT	HMA	160	145	7.5	1143.8	127.1	0.040	0.191	5.3
C.E. BANKS BOWL	118+45	LT	HMA	73	66	3	208.5	23.2	0.007	0.035	1.0
P.E.	118+54	RT	HMA	30	14	7.5	165.0	18.3	0.006	0.028	0.8
P.E.	119+53	RT	HMA	48	36	7.5	315.0	35.0	0.011	0.053	1.5
C.E. BANK BOWL	121+42	LT	HMA	70	46	3	174.0	19.3	0.006	0.029	0.8
JUNCTION CITY RD	144+52	RT	HMA	96	74	7.5	637.5	70.8	0.022	0.106	6.0
C.E.	159+40	LT	HMA	66	55	3	181.5	20.2	0.006	0.030	0.8
COMMUNITY BEACH RD	177+70	LT	HMA	100	61	7.5	603.8	67.1	0.021	0.101	5.6
C.E.	194+90	LT	HMA	45	38	3	124.5	13.8	0.004	0.021	0.6
C.E.	195+00	LT	HMA	39	34	3	109.5	12.2	0.004	0.018	0.5
C.E.	195+58	RT	HMA	39	34	3	109.5	12.2	0.004	0.018	0.5
TOTAL SQUARE FEET							8693.3				
TOTAL SQUARE YARDS								965.9			
TOTAL TONS									0.3	1.4	58.9

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - ----	REVISED - ----	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ----	REVISED - ----		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	*	(28,29)RS-4, 30RS-1	MARION	21	16
		CHECKED - ----	REVISED - ----					*	FAS 1791/FAU 8625/SB1 2C			
		DATE - ----	REVISED - ----						FED. ROAD DIST. NO. _____	ILLINOIS	FED. AID PROJECT	

PAVING SCHEDULE LOCATION #2

LOCATION			SIDE	BIT MATL'S PRIME COAT	AGG PRIME COAT	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL	LEVELING BINDER (MACHINE- METHOD)	HOT-MIX ASPHALT SURFACE COURSE	AGG WEDGE SHLDRS TYPE B
STA	TO	STA	LT/ RT	(TON)	(TON)	1" (SQ YD)	1 1/2" (SQ YD)	N70 (TON)	MIX "C", N70 (TON)	(TON)
0+00	TO	10+08		0.80	3.8	2,559.5		107.5	214.9	29.4
ECHO LANE			RT							
10+08	TO	12+73		0.17	0.8	531.0		22.3	44.5	7.7
WILLIAMS L.A.			LT							
12+73	TO	21+70		0.56	2.7	1,792.9		75.3	150.7	26.2
BEGIN BRIDGE										
END BRIDGE				0.03	0.2		117.8		9.9	0.0
22+23	TO	30+72		0.60	2.9	1,914.3		80.4	160.8	24.8
END OF SECTION										
TOTAL				2.2	10.3	6797.7	117.8	285.5	580.8	88.1

SIDEROAD & ENTRANCE SCHEDULES LOCATION #2

SIDEROAD & ENTRANCES	STATIONING	LT/RT	TYPE	WIDTH E.O.P. (FEET)	WIDTH BACK (FEET)	DISTANCE TO BACK (FEET)	SQ FEET SIDEROAD/ ENTRANCE (SQ FT)	SQ YARDS SIDEROAD/ ENTRANCE (SQ YDS)	BITUMINOUS PRIME COAT SIDERD/ENT (TONS)	AGGREGATE PRIME COAT SIDERD/ENT (TON)	INCIDENTAL HMA SURFACING (TON)
P.E.	4+26	LT	HMA	83	70	3	229.5	25.5	0.008	0.038	1.1
P.E.	7+70	RT	HMA	30	26	3	84.0	9.3	0.003	0.014	0.4
P.E.	9+44	RT	HMA	22	19	3	61.5	6.8	0.002	0.010	0.3
P.E.	9+99	LT	HMA	33	25	3	87.0	9.7	0.003	0.015	0.4
ECHO LANE			RT	38	31	7.5	258.8	28.8	0.009	0.043	1.2
WILLIAMS LANE			LT	50	29	7.5	296.3	32.9	0.010	0.049	4.6
P.E.	15+49	RT	HMA	57	30	7	304.5	33.8	0.011	0.051	1.4
TOTAL SQUARE FEET							1321.5				
TOTAL SQUARE YARDS								146.8			
TOTAL TONS									0.05	0.2	9.4

FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS	SHEET NO.
#FILE#		DRAWN - ---	REVISED - ---		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	• (28,29)RS-4, 30RS-1	MARION	21	17	
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---					• FAS 1791/FAU 8625/SBI 2C			CONTRACT NO. 76D78	
	PLOT DATE = #DATE#	DATE - -----	REVISED - ---					FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

LOCATION	LT/RT	THERMOPLASTIC PAVEMENT MARKING						PERFORMED PAVEMENT MARKING TYPE B			PAVEMENT MARKING GROOVING			SHORT-TERM PAVEMENT MARKING			TEMPORARY PAVEMENT MARKING						WORK ZONE PAVEMENT REMOVAL		RPW'S	
		LENGTH	SKIP-DASH YELLOW 4 IN LENGTH	NO PASS YELLOW 4 IN S.B. FEET	NO PASS YELLOW 4 IN N.B. FEET	DBL CENTER YELLOW 4 IN FEET	EDGE LINE WHITE 4 IN FEET	DBL CENTER YELLOW 4 IN FEET	EDGE LINE WHITE 4 IN FEET	DBL CENTER AND EDGE LINE FEET	SKIP-DASH YELLOW 4 IN LENGTH FEET	NO PASS YELLOW 4 IN S.B. FEET	NO PASS YELLOW 4 IN N.B. FEET	DBL CENTER YELLOW 4 IN FEET	EDGE LINE WHITE 4 IN FEET	SKIP-DASH YELLOW 4 IN LENGTH FEET	NO PASS YELLOW 4 IN S.B. FEET	NO PASS YELLOW 4 IN N.B. FEET	DBL CENTER YELLOW 4 IN FEET	EDGE LINE WHITE 4 IN FEET	AREA SQ FT	AMBER 2 WAY REM EACH	AMBER 2 WAY REM EACH			
LOCATION # 1																										
BEGIN JOB STA. 1000+00																										
1000+00 TO 998+44																										
STATION EQUATION																										
998+44 BK + 0+00 AH																										
BEGIN STRIPING STA. 0+00																										
0+00 TO 0+70																										
SEMI ST. 0+70 OMISSION																										
0+70 TO 3+18																										
HARVEY ST. 3+18 OMISSION																										
3+18 TO 3+40																										
3+40 BEGIN BRIDGE OMISS																										
BRIDGE OMISSION																										
3+40 TO 4+31 = 91 FEET																										
4+31 TO 5+22																										
ALASKA ST. 5+22 OMISSION																										
5+22 TO 12+30																										
MONTANA AVE. 12+30 OMISSION																										
12+30 TO 25+38																										
UNNAMED SIDE ST. 22+30 OMISS																										
COLONIAL ST. 25+38 OMISSION																										
25+38 TO 53+55																										
BED STRIPE RD. 53+55 OMISS																										
BED STRIPE RD. 53+55 OMISS																										
53+55 TO 80+24																										
BRINK RD. 80+24 OMISSION																										
BRINK RD. 80+24 OMISSION																										
80+24 TO 90+00																										
90+00 TO 101+00																										
101+00 TO 101+14																										
101+14 BEGIN UNDERPASS OMISSION																										
UNDERPASS OMISSION																										
104+89 TO 106+22 = 133																										
106+22 TO 109+43																										
BETHEL RD. 109+43 OMISSION																										
109+43 TO 132+45																										
132+45 TO 140+50																										
140+50 TO 143+30																										
143+30 TO 144+52																										
JUNCTION CITY RD. 144+52 OMISSION																										
144+52 TO 150+36																										
150+36 TO 155+27																										
155+27 TO 160+27																										
160+27 TO 170+76																										
170+76 TO 172+29																										
172+29 TO 177+70																										
COMMUNITY BEACH RD. 177+70 OMISSION																										
177+70 TO 180+08																										
180+08 TO 186+61																										
186+61 BEGIN BRIDGE OMISSION																										
BRIDGE OMISSION																										
186+61 TO 188+86 = 225 FEET																										
188+86 TO 197+28																										
END STRIPING STA. 197+28																										
END OF JOB STA. 200+83																										
LOCATION # 1																										
TOTAL LINEAR FEET																										
TOTAL LINEAR FEET 4 INCH																										
TOTAL SQUARE FEET																										
TOTAL EACH																										

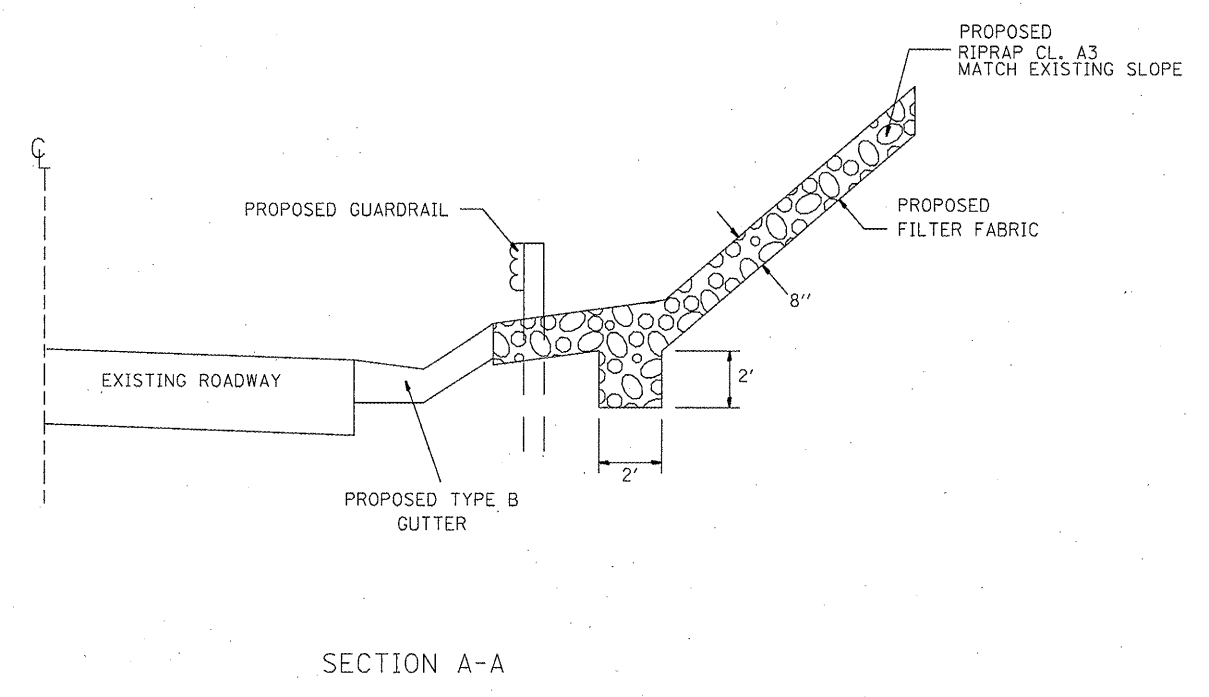
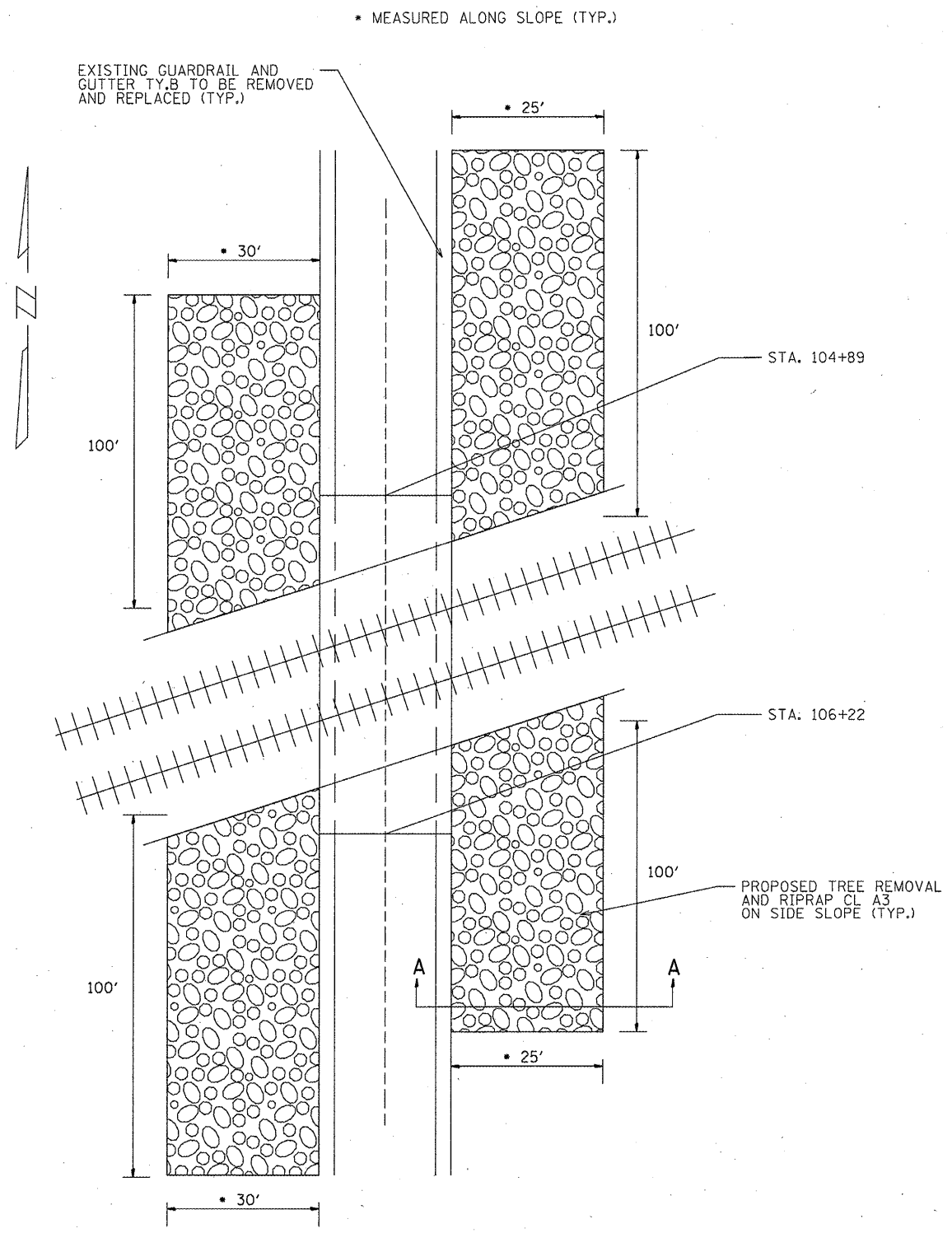
FROM STA	TO STA	LT/RT	LENGTH	WIDTH	STONE RIP RAP CLASS A3 (SQ YD)	FILTER FABRIC (SQ YD)	TREE REMOVAL (ACRE)
LOCATION 1 RR OVERPASS							
103+96	104+96	LT	100	25	277.8	277.8	0.0574
104+28	105+28	RT	100	30	333.3	333.3	0.0689
105+90	106+90	LT	100	25	277.8	277.8	0.0574
106+22	107+22	RT	100	30	333.3	333.3	0.0689
TOTALS					1222	1222	0.25

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - --- DRAWN - ---	REVISED - --- REVISED - ---
	PLOT SCALE = #SCALE#	CHECKED - --- DATE - ---	REVISED - --- REVISED - ---
	PLOT DATE = #DATE#		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____
--------------	-----------------------------	--------------------------

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28,29)RS-4, 30RS-1	MARION	21	18
FAS 1791/FAU 8625/SBI 2C			CONTRACT NO. T6D78	
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



NOTE: SEE GUARDRAIL AND GUTTER SCHEDULES FOR REMOVAL LIMITS

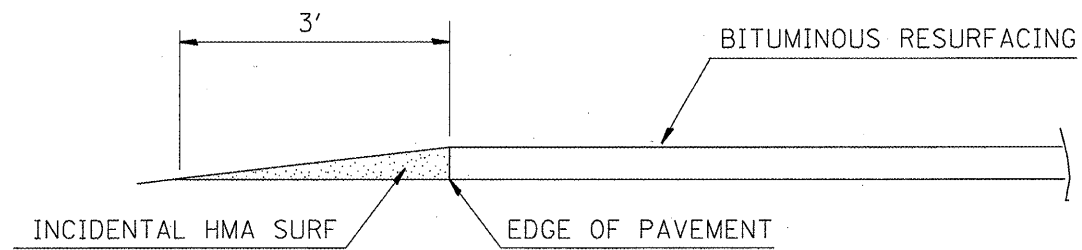
FILE NAME	USER NAME = #USER#	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

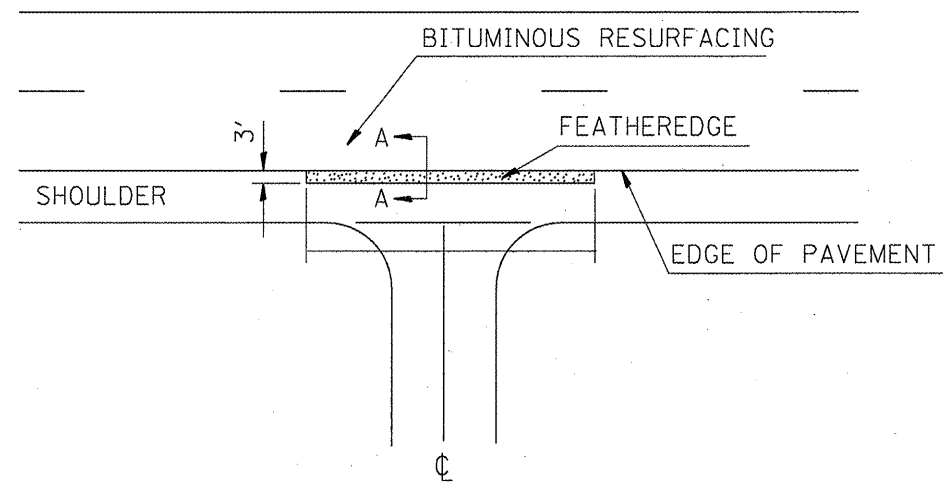
RR UNDERPASS DETAIL - LOCATION 1

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

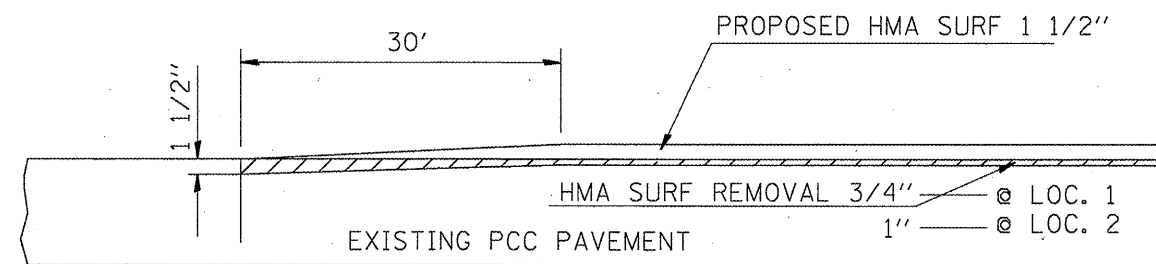
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(28,29)RS-4, 30RS-1	MARION	21	19
* FAS 1791/FAU 8625/SBI 2C			CONTRACT NO. 76D78	
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



FEATHEREDGE DETAIL
SECTION A-A



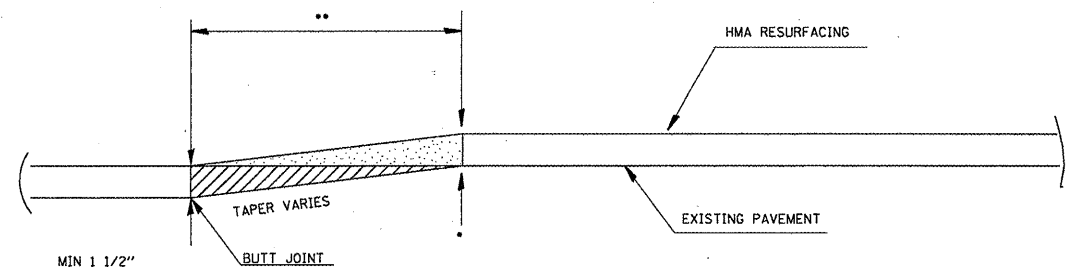
ENTRANCE DETAIL



HMA SURFACE REMOVAL (BUTT JOINT)

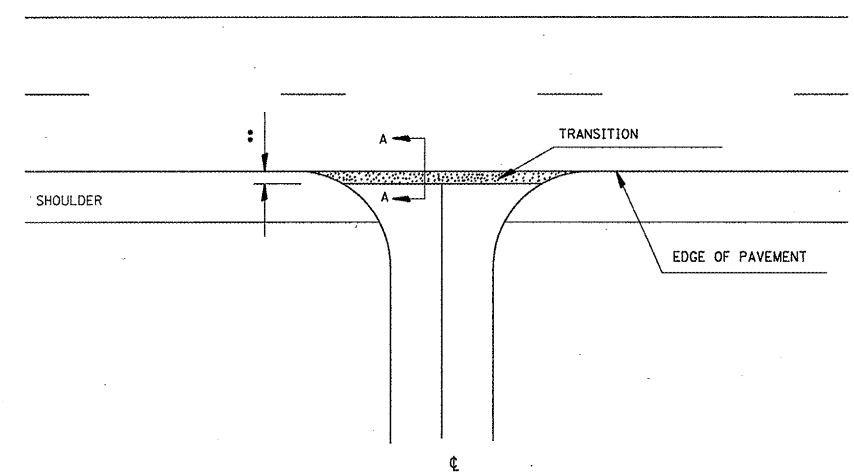
- LOCATION 1 STA. 0+00 TO 0+30
 STA. 3+10 TO 3+40
 STA. 4+31 TO 4+61
 STA. 104+59 TO 104+89
 STA. 106+22 TO 106+52
 STA. 186+31 TO 186+61
 STA. 188+86 TO 189+16
 STA. 196+98 TO 197+28
- LOCATION 2 STA. 0+00 TO 0+30
 STA. 30+42 TO 30+72

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - ----	REVISED - ----	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE / BUTT JOINT DETAILS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - ----	REVISED - ----			• (28.29)RS-4, 30RS-1	MARION	21	20	
	PLOT DATE = #DATE#	CHECKED - ----	REVISED - ----			• FAS 1791/FAU 8625/SBI 2C	CONTRACT NO. 76D78			
		DATE - ----	REVISED - ----			FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT			
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										



TRANSITION DETAIL
SECTION A-A

BUTT-JOINT ADDITION



SIDEROAD DETAIL

*EOP ELEVATION CHANGE	**TOTAL TRANSITION LENGTH
3/4"	3.5'
1"	5'
1-1/2"	7.5'
2"	10'
2-1/2"	12.5'
3"	15'
3-1/2"	17.5'
4"	20'
4-1/2"	22.5'
5"	25'
5-1/2"	27.5'
6"	30'

NOTE:
WHERE THE HMA TRANSITION IS MATCHING INTO AN EXISTING HMA SIDE ROAD SURFACE, A MILLED BUTT JOINT SHALL BE CONSTRUCTED WITHIN THE LIMITS OF THE TOTAL TRANSITION LENGTH ON THE LOCAL ROUTE.

SIDEROAD DETAIL
BUTT JOINT

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEROAD DETAIL	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN -	REVISED -			•	(28,29)RS-4, 3ORS-1	MARION	21	21
		CHECKED -	REVISED -			• FAS 1791/FAU 8625/SBI 2C				CONTRACT NO. 76D78
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____			