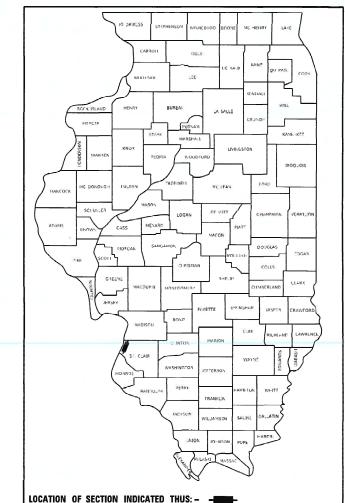
0

0

0

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

D-98-017-18



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROPOSED FOR INDEX OF SHEETS, SEE SHEET NO. 02 HIGHWAY PLANS

2018 ADT = 20400 (ESTIMATED)SU = 9.4% MU = 10.3%IL 3 (FROM 8TH ST. TO MONSANTO AVE.)

2018 ADT = 23800 (ESTIMATED)SU = 11.2% MU = 8.6%

TRAFFIC DATA

IL 3 (FROM BEGINNING OF PROJECT TO 8TH ST.)

IL 3 (FROM MONSANTO AVE. TO CAMP JACKSON RD.)

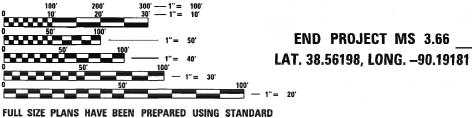
2018 ADT = 19700 (ESTIMATED)SU = 14.3% MU = 7.9%

IL 3 (FROM CAMP JACKSON RD. TO END OF PROJECT)

2018 ADT = 14700 (ESTIMATED)SU = 13.0% MU = 6.3%

RR OMISSION MS 0.79 (0.006 MILE)

RR OMISSION MS 1.32 (0.002 MILE)

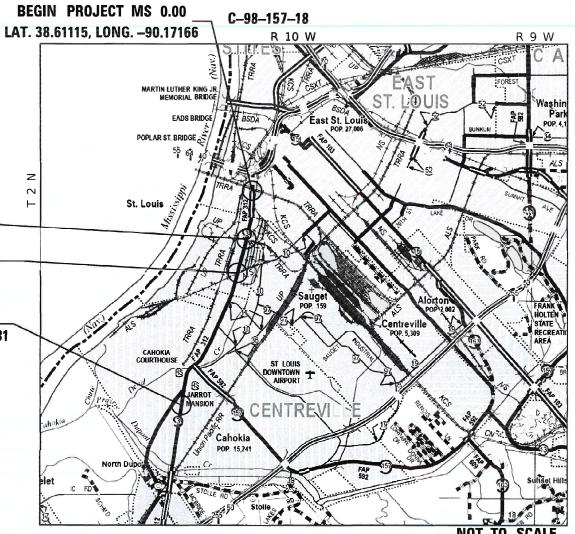


ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER: HERVE GELIN (618) 346-3179 **DESIGNER: MARY SMITH (618) 346-3495**

FAP ROUTE 312 (IL 003) SECTION 64RS-4 PROJECT NHPP-XNJ4(629) **DESIGNED OVERLAY PROJECT** ST. CLAIR COUNTY



GROSS LENGTH = 19324.80 FT. = 3.660 MILE NET LENGTH = 19282.56 FT. = 3.652 MILE

CONTRACT NO. 76L09

INDEX OF SHEETS

- COVER SHEET
- INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3 5 SUMMARY OF QUANTITIES
- 6 15 TYPICAL SECTIONS
- 16 25 SCHEDULE OF QUANTITIES
- 26 LOCATION MAP
- 27 34 PAVEMENT MARKING DETAILS
- 35 42 DETECTOR LOOP DETAILS

HIGHWAY STANDARDS

43 - 52 MISCELLANEOUS DETAILS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

001001-02 AREAS OF REINFORCEMENT BARS

001006 DECIMAL OF AN INCH AND OF A FOOT

420701-03 PAVEMENT WELDED WIRE REINFORCEMENT

442101-09 CLASS B PATCHES

606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

606301-04 PC CONCRETE ISLANDS AND MEDIANS

630001-12 STEEL PLATE BEAM GUARDRAIL

630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS

631031-17 TRAFFIC BARRIER TERMINAL, TYPE 6

701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE

701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH

701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION

701901-08 TRAFFIC CONTROL DEVICES

725001-01 OBJECT AND TERMINAL MARKERS

728001-01 TELESCOPING STEEL SIGN SUPPORT

731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT

780001-05 TYPICAL PAVEMENT MARKINGS

781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

782001-01 CURB REFLECTORS

782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

886001-01 DETECTOR LOOP INSTALLATIONS

886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

AMEREN ILLINOIS
AT&T ILLINOIS
BUCKEYE PARTNERS L.P.
VILLAGE OF CAHOKIA
CHARTER COMMUNICATIONS, INC.
CITY OF COLUMBIA
COMMONFIELDS OF CAHOKIA PUBLIC WATER DISTRICT
CITY OF EAST ST. LOUIS
EXPLORER PIPELINE COMPANY
EXXON MOBIL PIPELINE COMPANY
ILLINOIS AMERICAN WATER COMPANY
INDUSTRIAL GAS PRODUCTS, INC.
MCI NETWORK SERVICES, INC.
VILLAGE OF SAUGET
SPIRE ENERGY

NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM.

GENERAL NOTES (CONTINUED)

- 3. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED WITHIN THE CITY LIMITS OF SAUGET AND CAHOKIA. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS
- 4. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- 5. 7 CHANGEABLE MESSAGE BOARDS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED 2 WEEKS PRIOR TO ANY LANE CLOSURES. THE CHANGEABLE MESSAGE SHALL BE PLACED ALONG IL ROUTE 3 AT THE DIRECTION OF THE ENGINEER
- 6. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- 7. ALL TURE AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- 8. ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL."
- THE HMA REMOVAL WILL INCLUDE 3.75 INCHES OF THE CONCRETE PATCHES PLACED PRIOR TO THE MILLING OPERATION PER THE PATCHING SCHEDULE IN THE PLANS.
- 10. SOUTH OF IL 157 THE 3.75 INCHES OF MILLING MAY INCLUDE APPROXIMATELY 0.5 INCH OF THE CONCRETE PAVEMENT.
- 11. THE TEMPORARY RAMPS USED ON ALL SIDE STREETS AND ENTRANCES SHALL BE 2 or 3 FEET IN LENGTH SO AS NOT TO INTERFERE WITH THE THRU TRAFFIC LANES.
- 12. ALL REMOVED GUARDRAIL COMPONENTS ARE THE PROPERTY OF THE CONTRACTOR AND THE SALVAGE VALUE OF SAID COMPONENTS SHALL BE REFLECTED IN THE CONTRACTOR'S BID.

SCALE:

13. 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.

GENERAL NOTES (CONTINUED)

- 14. IF THE PROPOSED SURFACE REMOVAL ON THIS PROJECT PRODUCES A MILLED EDGE NEAR CENTERLINE GREATER THAN 1.5 INCHES OR IF THE PROPOSED RESURFACING RESULTS IN AN ELEVATION DIFFERENCE GREATER THAN 2 INCHES NEAR THE CENTERLINE BETWEEN ADJACENT OPEN LANES OF TRAFFIC, ONE OF THE FOLLOWING SHALL APPLY:
 - $\hfill \Box$ The contractor shall organize the work to \hfill avoid the elevation differences mentioned above.
- THE CONTRACTOR SHALL CONSTRUCT A TEMPORARY HOT MIX
 ASPHALT WEDGE ALONG THE CENTERLINE TO AVOID THE ELEVATION
 DIFFERENCES MENTIONED ABOVE.
- THE CONTRACTOR SHALL CONSTRUCT A MILLED SLOPE EDGE (MINIMUM 1:3) ALONG THE CENTERLINE TO AVOID THE ELEVATION DIFFERENCES MENTIONED ABOVE.

THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST PER SQUARE YARD FOR HOT-MIX ASPHALT SURFACE REMOVAL OF THE DEPTH SPECIFIED OR IN THE COST PER TON FOR THE HOT-MIX ASPHALT RESURFACING MIXES SPECIFIED IN THE PLANS.

COMMITMENTS

NONE

MIXTURE REQUIREMENTS								
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT								
LOCATION:			IL ROUTE 3					
MIXTURE USE(S):	POLY SURFACE	BINDER	SHOULDERS (LOWER)	SHOULDERS (SURFACE)				
AC/PG	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22				
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION				
DESIGN AIR VOIDS:	4.0% @ NDES = 90	4.0% @ NDES = 90	4.0% @ NDES = 30	4.0% @ NDES = 30				
MIX COMPOSITION (GRADATION)	IL 9.5	IL 19.0	IL 19.0L	IL 9.5L				
FRICTION AGGREGATE	MIXTURE "E"	MIXTURE "B"						
QUALITY MGMT PROGRAM	QCP	QCP	QC/QA	QC/QA				

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN

USER NAME = smithma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 4/6/2021	DATE -	REVISED -

INDEX OF SHEETS, HIGHWAY STANDARDS	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
GENERAL NOTES AND COMMITMENTS	312	64RS-4	ST. CLAIR	52	2
GENERAL NOTES AND COMMITMENTS			CONTRACT	Γ NO. 7€	iL09
SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT		

				CONSTR. CODE
				80% FED
				20% STATE
CODE			TOTAL	ROADWAY 0005
NO.	ITEM	UNIT	QUANTITY	URBAN
NO.	TYEN	ONTT	QUAITTTT	ONBAN
20400800	FURNISHED EXCAVATION	CU YD	20	20
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	352	352
7				
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	352	352
	· · · · · · · · · · · · · · · · · · ·			
35100100	AGGREGATE BASE COURSE, TYPE A	TON	19	19
	1			
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	9	9
40200100	AGGREGATE SON ACE COUNSE, TIPE A	TON	9	9
		b-straphoni		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	26	26
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	100563	100563
40600990	TEMPORARY RAMP	SQ YD	3363	3363
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	16270	16270
40604174	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	TON	10781	10781
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	22945	22945
	* *			
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	124961	124961
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	513	513
			200	400 000000
44003100	MEDIAN REMOVAL	SQ FT	6466	6466
1.555100		5411		

				CONSTR. CODE
				80% FED
				20% STATE
				ROADWAY
CODE			TOTAL	0005
NO.	ITEM	UNIT	QUANTITY	URBAN
NO.	11514	ONTT	QUANTITY	URBAN
44200050	WELDED WIRE REINFORCEMENT	SQ YD	790	790
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	125	125
M. Minimizer (Chapter Colored				
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	86	86
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SQ YD	352	352
44201299	DOWEL BARS 1 1/2"	EACH	410	410
44213000	PATCHING REINFORCEMENT	SQ YD	38	38
44213200	SAW CUTS	FOOT	2548	2548
44213204	TIE BARS 3/4"	EACH	252	252
48100100	AGGREGATE SHOULDERS, TYPE A	TON	3740	3740
			2	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	200	200
			W 100 M 100	ar a para
48203100	HOT-MIX ASPHALT SHOULDERS	TON	4442	4442
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	2	2
60600605	CONCRETE CURB, TYPE B	FOOT	15	15

 USER NAME
 = smithma
 DESIGNED
 REVISED

 DRAWN
 REVISED

 PLOT SCALE
 = 100,0000 ' / in.
 CHECKED
 REVISED

 PLOT DATE
 = 4/5/2021
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

om dat.illinais gov:PWIDOT\Documents\IDOT Offices\District 8\Projects\D876L09

					CONSTR. CODE
					80% FED
					20% STATE
					ROADWAY
	CODE			TOTAL	0005
	NO.	ITEM	UNIT	QUANTITY	URBAN
	60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	125	125
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	162	162
	60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	263	263
	-				
	60608562	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	659	659
	,				
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	6694	6694
	60622305	CONCRETE MEDIAN, TYPE SM - 4.12	SQ FT	976	976
		-			
*	63000001	STFFI PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	62.5	62.5
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1
*	63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1
	63200310	GUARDRAIL REMOVAL	FOOT	150	150
*	63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	87.5	87.5
*	03301210	NUMBER OF STEEL PLATE BEAM GOARDMIL, TIPE A	1001	67.5	07.5
*	63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	1	1
*	63302700	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	EACH	1	1
	67000400	ENGINEERIGE FIELD OFFICE TYPE A	CAL MC	7	7
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	7

* SPECIALTY ITEM

				80% FED 20% STATE
	<u> </u>			ROADWAY
CODE			TOTAL	0005
NO.	ITEM	UNIT	QUANTITY	URBAN
67100100	MOBILIZATION	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70102000	The second control of the second of the seco	2 3311		•
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	458	458
70107023	GIANGEAULE PLESSAGE STON	CALDA	430	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	30537	30537
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3530	3530
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	5074.4	5074.4
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	187246	187246
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1120	1120
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	3010	3010
				Co. Today
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	880	880
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1504	1504

 USER NAME
 = smithma
 DESIGNED
 REVISED

 DRAWN
 REVISED

 PLOT SCALE
 = 100,0000 / in.
 CHECKED
 REVISED

 PLOT DATE
 = 4/5/2021
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

CONSTR. CODE

CONSTR. CODE

					CONSTR. CODE
					80% FED
-					20% STATE
	CODE			TOTAL	ROADWAY
	CODE NO .	ITEM	UNIT	TOTAL	0005 URBAN
-	NO.	1151	UNII	QUANTITY	UKDAN
*	72000300	SIGN PANEL - TYPE 3	SQ FT	300	300
_	72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	300	300
٠,					
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1
. ,					
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	30	30
	73100100	PACE FOR THE ECONOMIC STEEL CION CLIRRORT	EACH	3	3
*	/3100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	3	3
*	73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	140	140
•	73301010	VERTED SERVICES OF WILLIAM, THE X	1001	110	110
*	73800900	REMOVE OVERHEAD SIGN STRUCTURE WALKWAY	FOOT	50	50
Ī					
*	78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	2537.2	2537.2
ļ					
*	78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	93623	93623
*	78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	560	560
ا ماد	78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	1505	1505
*	, 666 12 16	The state of the s		-505	1505
*	78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	440	440
Ī					
*[78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	752	752
	,				
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1293	1293

* SPECIALTY ITEM

				ſ	CONSTR. CODE
				•	80% FED
_					20% STATE
					ROADWAY
	CODE	LTEM	LINIT	TOTAL	0005
ŀ	NO .	I TEM	UNIT	QUANTITY	URBAN
,	70200005	CHARDONI DEFLECTORS TYPE A	FACIL	4	4
_	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	4	4
,	78200020	CURB REFLECTORS	EACH	105	105
	80300100	LOCATING UNDERGROUND CABLE	FOOT	270	270
	80300100	LOCATING UNDERGROUND CABLE	1001	270	270
	88600600	DETECTOR LOOP REPLACEMENT	FOOT	5243	5243
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	774	774
	X4402400	CURB REMOVAL (SPECIAL)	гоот	20	20
	X4420557	CLASS A PATCHES, TYPE III, 10 INCH (SPECIAL)	SQ YD	38	38
	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	36972	36972
	X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	3	3
	X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	143	143
_	X7800200	PAINT PAVEMENT MARKING CURB	FOOT	615	615
	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	75533	75533
	Z0034105	MATERIAL TRANSFER DEVICE	TON	27051	27051
-	Z0076600	TRAINEES	HOUR	2000	2000
ŀ	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
-	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2000	2000
-	X4421048	CLASS B PATCHES, TYPE IV, 16 INCH (SPECIAL)	SQ YD	352	352

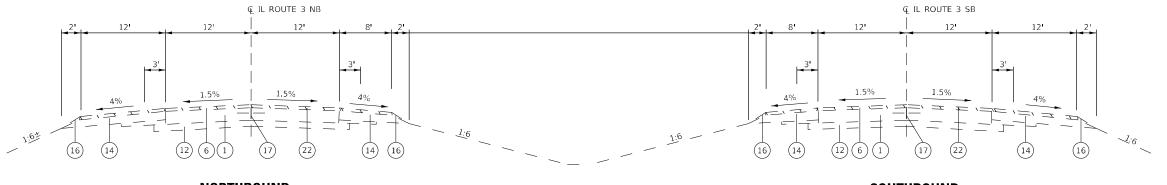
Ø 0042

REV. - MS

USER NAME = smithma	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	STATE
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT (
PLOT DATE = 4/6/2021	DATE -	REVISED -	

STATE OF	ILLINOIS
EPARTMENT OF	TRANSPORTATION

SUMMARY OF QUANTITIES				F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS			
						312	64RS-4	ST. CLAIR	52	5
								CONTRACT	NO. 70	6L09
	SHEET 3	OF 3	SHEETS	STA.	TO STA.		ILLINOIS FED. A	JD PROJECT		



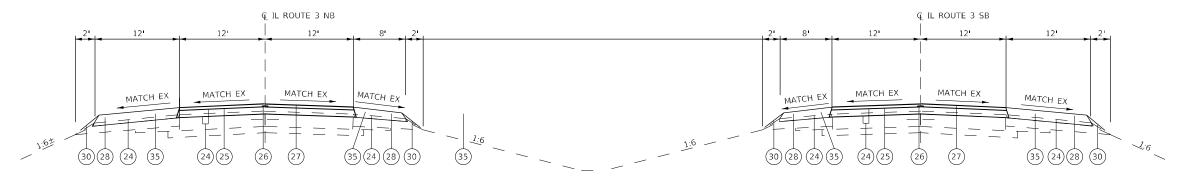
NORTHBOUND EXISTING TYPICAL SECTION

MS 0.01 TO MS 0.24

CRC PVMT 8" MP 0.00 TO MP 0.16 JOINTED PCC PVMT 10" MP 0.16 TO MP 0.24

SOUTHBOUND EXISTING TYPICAL SECTION

MS 0.00 TO MS 0.24



NORTHBOUND PROPOSED TYPICAL SECTION

MS 0.01 TO MS 0.24

MILLED HMA SURFACE - PROPOSED HMA BINDER COURSE, 2 $\frac{3}{4}$ "

BARE CONCRETE PAVEMENT - PROPOSED HMA BINDER COURSE, 1 $^{1}\!\!/_{\!\!4}$ " PROPOSED HMA SHOULDER, 4 1/4"

SOUTHBOUND PROPOSED TYPICAL SECTION

MS 0.00 TO MS 0.24

MS - MILE STATION

JSER NAME = smithma DESIGNED DRAWN REVISED LOT SCALE = 100.0000 / in. HECKED REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS SHEET 1 OF 10 SHEETS STA.

SECTION 52 CONTRACT NO. 76L09

(35) PROPOSED HMA SHOULDER, 4 $\frac{1}{4}$ "

(12) EXISTING STABILIZED SUB-BASE 4" (13) EXISTING MODIFIED LIME SOIL 12"

(1) EXISTING PCC PAVEMENT

(2) EXISTING JOINTED PCC PAVEMENT 10"

(3) EXISTING PCC PAVEMENT 10"-8"-10" (4) EXISTING PCC PAVEMENT 9"-7"-9" (5) EXISTING SR PCC PAVEMENT 10" 6 EXISTING HMA OVERLAY 1.5" (7) EXISTING HMA OVERLAY 6"±

(14) EXISTING STABILIZED SHOULDER 8"+

(8) EXISTING HMA OVERLAY 3 $\frac{1}{4}$ "±

(9) EXISTING BITUMINOUS BASE COURSE 13" (10) EXISTING BITUMINOUS BASE COURSE 13 $\frac{1}{2}$ " (11) EXISTING BIT CONC PAVEMENT, FULL DEPTH 12 $\frac{3}{4}$ "

(15) EXISTING AGGREGATE SHOULDER, TYPE A

(16) EXISTING AGG WEDGE SHLD, TYPE B

(17) EXISTING LONGITUDINAL METAL JOINT

(18) EXISTING COMB CONC C&G TYPE B-9.12

(19) EXISTING PCC MEDIAN SURFACE 4"

(20) EXISTING CONC MEDIAN, TYPE SB-6.12

(21) EXISTING SR PCC CORRUGATED MEDIAN

(22) PROPOSED HMA SURFACE REMOVAL, 1 $\frac{1}{2}$ "

(23) PROPOSED HMA SURFACE REMOVAL, 3 ¾"

(24) PROPOSED BITUMINOUS MATERIAL (TACK COAT)

(25) PROPOSED HMA BINDER COURSE, 2 $\frac{1}{4}$ "

(26) PROPOSED HMA-LONGITUDINAL JOINT SEALANT

(27) PROPOSED HMA SURFACE COURSE, 1 $\frac{1}{2}$ "

(28) PROPOSED HMA SHOULDER, 3 3/4"

(29) PROPOSED AGG SHOULDER, TYPE A

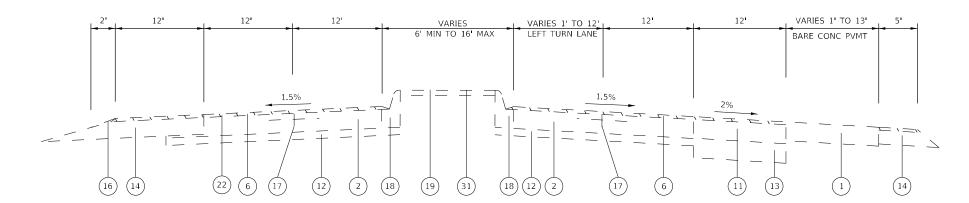
(30) PROPOSED AGG WEDGE SHLD, TYPE B

(31) PROPOSED MEDIAN REMOVAL

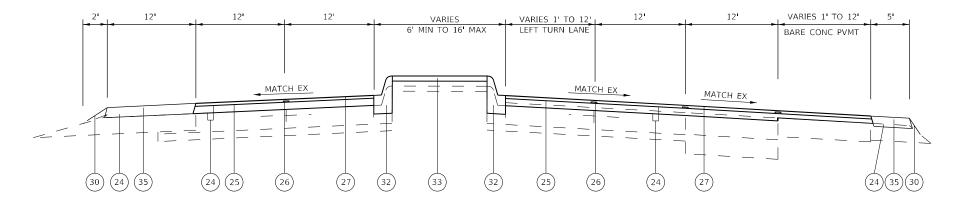
(32) PROPOSED COMB CONC C&G, TYPE M-4.12

(33) PROPOSED CONC MEDIAN SURF, 4 INCH

(34) PROPOSED CONC MEDIAN, TYPE M-4.12



MS 0.24 TO MS 0.32



PROPOSED TYPICAL SECTION

MS 0.24 TO MS 0.32

MS 0.16 TO MS 0.45 MILLED HMA SURFACE - PROPOSED HMA BINDER COURSE, 2 $^3\!/_4$ " BARE CONCRETE PAVEMENT - PROPOSED HMA BINDER COURSE, 1 $\frac{1}{4}$ " PROPOSED HMA SHOULDER, 4 $\frac{1}{4}$ "

MS - MILE STATION

JSER NAME = smithma DESIGNED REVISED DRAWN REVISED LOT SCALE = 100.0000 / in. HECKED REVISED LOT DATE = 4/6/2021 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION TYPICAL SECTIONS 312 64RS-4 SHEET 2 OF 10 SHEETS STA. TO STA.

(1) EXISTING PCC PAVEMENT (2) EXISTING JOINTED PCC PAVEMENT 10" (3) EXISTING PCC PAVEMENT 10"-8"-10" (4) EXISTING PCC PAVEMENT 9"-7"-9" 5 EXISTING SR PCC PAVEMENT 10" (6) EXISTING HMA OVERLAY 1.5" (7) EXISTING HMA OVERLAY 6"± (8) EXISTING HMA OVERLAY 3 $\frac{1}{4}$ "± (9) EXISTING BITUMINOUS BASE COURSE 13" (10) EXISTING BITUMINOUS BASE COURSE 13 $\frac{1}{2}$ " (11) EXISTING BIT CONC PAVEMENT, FULL DEPTH 12 3/4" (12) EXISTING STABILIZED SUB-BASE 4"

(13) EXISTING MODIFIED LIME SOIL 12"

(14) EXISTING STABILIZED SHOULDER 8"+

(15) EXISTING AGGREGATE SHOULDER, TYPE A

(16) EXISTING AGG WEDGE SHLD, TYPE B

(17) EXISTING LONGITUDINAL METAL JOINT

(18) EXISTING COMB CONC C&G TYPE B-9.12

(19) EXISTING PCC MEDIAN SURFACE 4"

(20) EXISTING CONC MEDIAN, TYPE SB-6.12

(21) EXISTING SR PCC CORRUGATED MEDIAN

(22) PROPOSED HMA SURFACE REMOVAL, 1 $\frac{1}{2}$ "

23) PROPOSED HMA SURFACE REMOVAL, 3 3/4" (24) PROPOSED BITUMINOUS MATERIAL (TACK COAT)

(25) PROPOSED HMA BINDER COURSE, 2 1/4"

(26) PROPOSED HMA-LONGITUDINAL JOINT SEALANT

(27) PROPOSED HMA SURFACE COURSE, 1 $\frac{1}{2}$ "

(28) PROPOSED HMA SHOULDER, 3 3/4"

(29) PROPOSED AGG SHOULDER, TYPE A

(30) PROPOSED AGG WEDGE SHLD, TYPE B

(31) PROPOSED MEDIAN REMOVAL

(32) PROPOSED COMB CONC C&G, TYPE M-4.12

(33) PROPOSED CONC MEDIAN SURF, 4 INCH

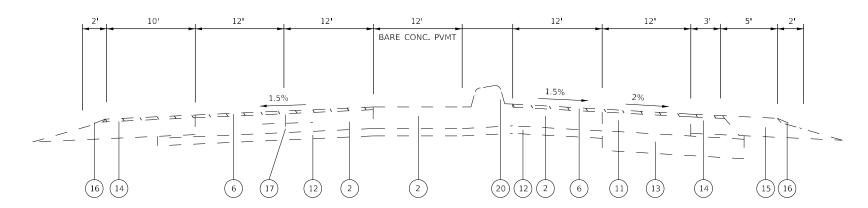
(34) PROPOSED CONC MEDIAN, TYPE M-4.12

ST. CLAIR

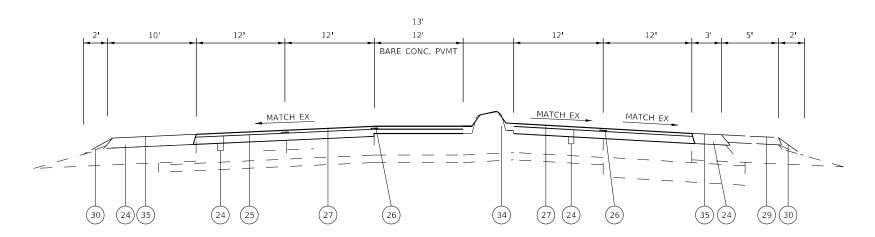
52

CONTRACT NO. 76L09

(35) PROPOSED HMA SHOULDER, 4 $\frac{1}{4}$ "



MS 0.32 TO MS 0.37



PROPOSED TYPICAL SECTION

MS 0.32 TO MS 0.37

MILLED HMA SURFACE - PROPOSED HMA BINDER COURSE, 2 3/4" BARE CONCRETE PAVEMENT - PROPOSED HMA BINDER COURSE, 1 $\frac{1}{4}$ " PROPOSED HMA SHOULDER, 4 $\frac{1}{4}$ "

MS - MILE STATION

JSER NAME = smithma DESIGNED REVISED DRAWN REVISED LOT SCALE = 100.0000 / in. HECKED REVISED LOT DATE = 4/6/2021 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** TYPICAL SECTIONS

SECTION 312 64RS-4 ST. CLAIR

(1) EXISTING PCC PAVEMENT

(2) EXISTING JOINTED PCC PAVEMENT 10"

(3) EXISTING PCC PAVEMENT 10"-8"-10"

(4) EXISTING PCC PAVEMENT 9"-7"-9"

5 EXISTING SR PCC PAVEMENT 10"

6 EXISTING HMA OVERLAY 1.5"

(7) EXISTING HMA OVERLAY 6"±

8 EXISTING HMA OVERLAY 3 1/4"±

(9) EXISTING BITUMINOUS BASE COURSE 13"

(10) EXISTING BITUMINOUS BASE COURSE 13 $\frac{1}{2}$ "

(11) EXISTING BIT CONC PAVEMENT, FULL DEPTH 12 3/4"

(12) EXISTING STABILIZED SUB-BASE 4"

(13) EXISTING MODIFIED LIME SOIL 12"

(14) EXISTING STABILIZED SHOULDER 8"+

(15) EXISTING AGGREGATE SHOULDER, TYPE A

(16) EXISTING AGG WEDGE SHLD, TYPE B

(17) EXISTING LONGITUDINAL METAL JOINT

(18) EXISTING COMB CONC C&G TYPE B-9.12

(19) EXISTING PCC MEDIAN SURFACE 4"

(20) EXISTING CONC MEDIAN, TYPE SB-6.12

(21) EXISTING SR PCC CORRUGATED MEDIAN

22) PROPOSED HMA SURFACE REMOVAL, 1 ½"

(23) PROPOSED HMA SURFACE REMOVAL, 3 $\frac{3}{4}$ "

(24) PROPOSED BITUMINOUS MATERIAL (TACK COAT)

(25) PROPOSED HMA BINDER COURSE, 2 $\frac{1}{4}$ "

(26) PROPOSED HMA-LONGITUDINAL JOINT SEALANT

(27) PROPOSED HMA SURFACE COURSE, 1 $\frac{1}{2}$ "

(28) PROPOSED HMA SHOULDER, 3 3/4"

(29) PROPOSED AGG SHOULDER, TYPE A

(30) PROPOSED AGG WEDGE SHLD, TYPE B

(31) PROPOSED MEDIAN REMOVAL

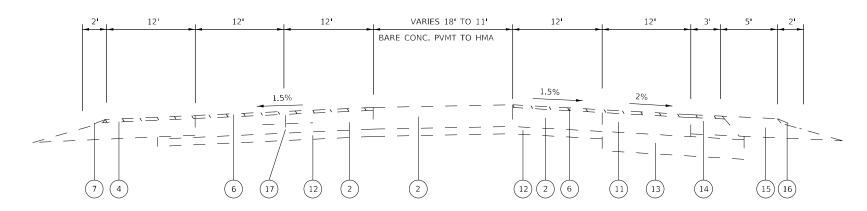
(32) PROPOSED COMB CONC C&G, TYPE M-4.12

(33) PROPOSED CONC MEDIAN SURF, 4 INCH

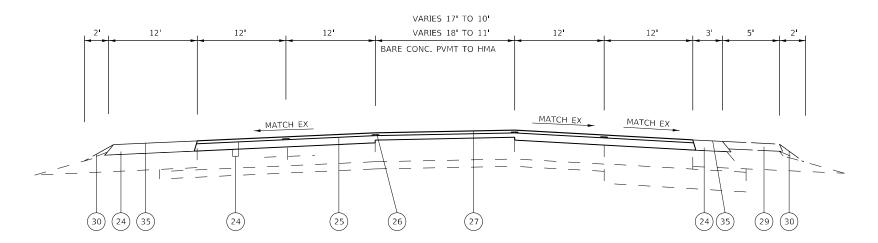
(34) PROPOSED CONC MEDIAN, TYPE M-4.12

(35) PROPOSED HMA SHOULDER, 4 $\frac{1}{4}$ "

52 CONTRACT NO. 76L09 SHEET 3 OF 10 SHEETS STA. TO STA.



MS 0.37 TO MS 0.42



PROPOSED TYPICAL SECTION

MS 0.37 TO MS 0.42

NOTE: MS 0.16 TO MS 0.45 MILLED HMA SURFACE - PROPOSED HMA BINDER COURSE, 2 $^3\!\!/_4$ " BARE CONCRETE PAVEMENT - PROPOSED HMA BINDER COURSE, 1 $^1\!\!/_4$ " PROPOSED HMA SHOULDER, 4 $^1\!\!/_4$ "

MS - MILE STATION

(7) EXISTING HMA OVERLAY 6"± 8 EXISTING HMA OVERLAY 3 1/4"± (9) EXISTING BITUMINOUS BASE COURSE 13" (10) EXISTING BITUMINOUS BASE COURSE 13 $\frac{1}{2}$ " (11) EXISTING BIT CONC PAVEMENT, FULL DEPTH 12 3/4" (12) EXISTING STABILIZED SUB-BASE 4" (13) EXISTING MODIFIED LIME SOIL 12" (14) EXISTING STABILIZED SHOULDER 8"+ $\left(15\right)$ EXISTING AGGREGATE SHOULDER, TYPE A (16) EXISTING AGG WEDGE SHLD, TYPE B (17) EXISTING LONGITUDINAL METAL JOINT (18) EXISTING COMB CONC C&G TYPE B-9.12 (19) EXISTING PCC MEDIAN SURFACE 4" (20) EXISTING CONC MEDIAN, TYPE SB-6.12 (21) EXISTING SR PCC CORRUGATED MEDIAN (22) PROPOSED HMA SURFACE REMOVAL, 1 $\frac{1}{2}$ " (23) PROPOSED HMA SURFACE REMOVAL, 3 3/4" (24) PROPOSED BITUMINOUS MATERIAL (TACK COAT) (25) PROPOSED HMA BINDER COURSE, 2 $\frac{1}{4}$ " (26) PROPOSED HMA-LONGITUDINAL JOINT SEALANT (27) PROPOSED HMA SURFACE COURSE, 1 $\frac{1}{2}$ " (28) PROPOSED HMA SHOULDER, 3 $\frac{3}{4}$ " (29) PROPOSED AGG SHOULDER, TYPE A (30) PROPOSED AGG WEDGE SHLD, TYPE B (31) PROPOSED MEDIAN REMOVAL (32) PROPOSED COMB CONC C&G, TYPE M-4.12 (33) PROPOSED CONC MEDIAN SURF, 4 INCH (34) PROPOSED CONC MEDIAN, TYPE M-4.12 (35) PROPOSED HMA SHOULDER, 4 $\frac{1}{4}$ "

(1) EXISTING PCC PAVEMENT

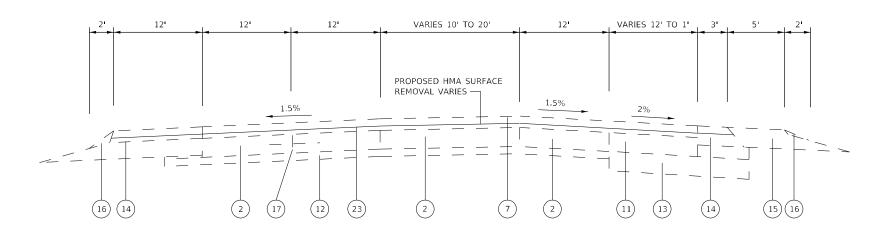
(2) EXISTING JOINTED PCC PAVEMENT 10"

(3) EXISTING PCC PAVEMENT 10"-8"-10"

4 EXISTING PCC PAVEMENT 9"-7"-9"
5 EXISTING SR PCC PAVEMENT 10"
6 EXISTING HMA OVERLAY 1.5"

USER NAME = smithma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -

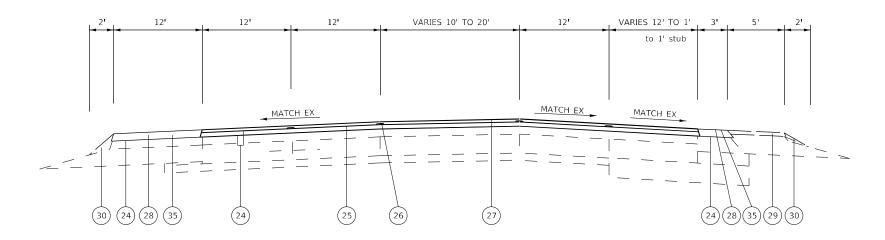
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



NOTE: PROPOSED HMA SURFACE REMOVAL VARIES SEE DETAIL

EXISTING TYPICAL SECTION

MS 0.42 TO MS 0.51



PROPOSED TYPICAL SECTION

MS 0.42 TO MS 0.51

MS 0.16 TO MS 0.45 MILLED HMA SURFACE - PROPOSED HMA BINDER COURSE, 2 $\frac{3}{4}$ " BARE CONCRETE PAVEMENT - PROPOSED HMA BINDER COURSE, 1 $\frac{1}{4}$ " PROPOSED HMA SHOULDER, 4 1/4"

MS - MILE STATION JSER NAME = smithma DESIGNED REVISED SECTION TYPICAL SECTIONS STATE OF ILLINOIS DRAWN REVISED 312 64RS-4 ST. CLAIR 52 10 LOT SCALE = 100.0000 / in. HECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 76L09 SHEET 5 OF 10 SHEETS STA. TO STA. PLOT DATE = 4/6/2021 DATE

(1) EXISTING PCC PAVEMENT

(2) EXISTING JOINTED PCC PAVEMENT 10" (3) EXISTING PCC PAVEMENT 10"-8"-10" 4 EXISTING PCC PAVEMENT 9"-7"-9"

9 EXISTING BITUMINOUS BASE COURSE 13" (10) EXISTING BITUMINOUS BASE COURSE 13 $\frac{1}{2}$ " (11) EXISTING BIT CONC PAVEMENT, FULL DEPTH 12 $\frac{3}{4}$ "

(12) EXISTING STABILIZED SUB-BASE 4"

(13) EXISTING MODIFIED LIME SOIL 12"

(14) EXISTING STABILIZED SHOULDER 8"+ (15) EXISTING AGGREGATE SHOULDER, TYPE A (16) EXISTING AGG WEDGE SHLD, TYPE B (17) EXISTING LONGITUDINAL METAL JOINT (18) EXISTING COMB CONC C&G TYPE B-9.12

(19) EXISTING PCC MEDIAN SURFACE 4" (20) EXISTING CONC MEDIAN, TYPE SB-6.12 (21) EXISTING SR PCC CORRUGATED MEDIAN (22) PROPOSED HMA SURFACE REMOVAL, 1 $\frac{1}{2}$ "

(23) PROPOSED HMA SURFACE REMOVAL, 3 3/4" (24) PROPOSED BITUMINOUS MATERIAL (TACK COAT)

(25) PROPOSED HMA BINDER COURSE, 2 $\frac{1}{4}$ " (26) PROPOSED HMA-LONGITUDINAL JOINT SEALANT (27) PROPOSED HMA SURFACE COURSE, 1 $\frac{1}{2}$ " (28) PROPOSED HMA SHOULDER, 3 3/4" (29) PROPOSED AGG SHOULDER, TYPE A (30) PROPOSED AGG WEDGE SHLD, TYPE B

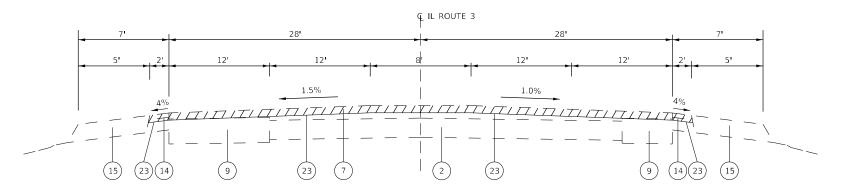
(31) PROPOSED MEDIAN REMOVAL

(32) PROPOSED COMB CONC C&G, TYPE M-4.12 (33) PROPOSED CONC MEDIAN SURF, 4 INCH

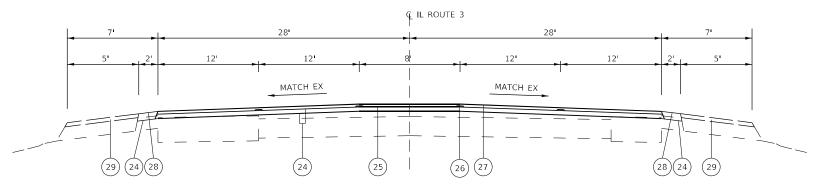
(34) PROPOSED CONC MEDIAN, TYPE M-4.12

(35) PROPOSED HMA SHOULDER, 4 1/4"

5 EXISTING SR PCC PAVEMENT 10" (6) EXISTING HMA OVERLAY 1.5" (7) EXISTING HMA OVERLAY 6"± 8 EXISTING HMA OVERLAY 3 1/4"±



MS 0.51 TO MS 0.95



PROPOSED TYPICAL SECTION

MS 0.51 TO MS 0.95

MS - MILE STATION

 USER NAME
 = smithma
 DESIGNED
 REVISED

 DRAWN
 REVISED

 PLOT SCALE
 = 100.0000 ' / in.
 CHECKED
 REVISED

 PLOT DATE
 = 3/23/2021
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SHEET 6 OF 10 SHEETS STA. TO STA.

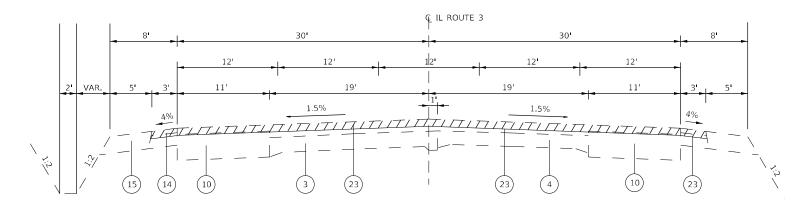
1 EXISTING PCC PAVEMENT
2 EXISTING JOINTED PCC PAVEMENT 10"
3 EXISTING PCC PAVEMENT 10"-8"-10"
4) EXISTING PCC PAVEMENT 9"-7"-9"
(5) EXISTING SR PCC PAVEMENT 10"
6 EXISTING HMA OVERLAY 1.5"
7) EXISTING HMA OVERLAY 6"±
8 EXISTING HMA OVERLAY 3 1/4"±
9 EXISTING BITUMINOUS BASE COURSE 13"
(10) EXISTING BITUMINOUS BASE COURSE 13 $\frac{1}{2}$ "
(11) EXISTING BIT CONC PAVEMENT, FULL DEPTH 12 3/4"
(12) EXISTING STABILIZED SUB-BASE 4"
(13) EXISTING MODIFIED LIME SOIL 12"
(14) EXISTING STABILIZED SHOULDER 8"+
(15) EXISTING AGGREGATE SHOULDER, TYPE A
(16) EXISTING AGG WEDGE SHLD, TYPE B
(17) EXISTING LONGITUDINAL METAL JOINT
(18) EXISTING COMB CONC C&G TYPE B-9.12
(19) EXISTING PCC MEDIAN SURFACE 4"
(20) EXISTING CONC MEDIAN, TYPE SB-6.12
(21) EXISTING SR PCC CORRUGATED MEDIAN
22) PROPOSED HMA SURFACE REMOVAL, 1 ½"
23) PROPOSED HMA SURFACE REMOVAL, 3 ¾"
24) PROPOSED BITUMINOUS MATERIAL (TACK COAT)
(25) PROPOSED HMA BINDER COURSE, 2 1/4"

(26) proposed HMA-LONGITUDINAL JOINT SEALANT (27) proposed HMA SURFACE COURSE, 1 $\frac{1}{2}$ "

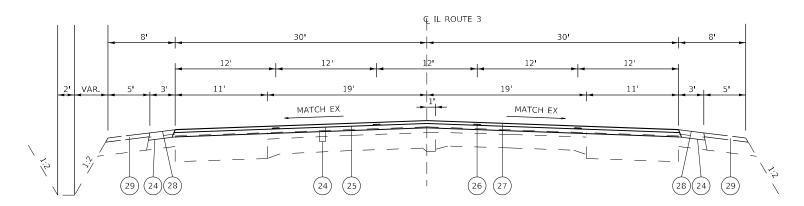
28) PROPOSED HMA SHOULDER, 3 ¾"
29) PROPOSED AGG SHOULDER, TYPE A
30) PROPOSED AGG WEDGE SHLD, TYPE B

(31) PROPOSED MEDIAN REMOVAL

(32) PROPOSED COMB CONC C&G, TYPE M-4.12
 (33) PROPOSED CONC MEDIAN SURF, 4 INCH
 (34) PROPOSED CONC MEDIAN, TYPE M-4.12

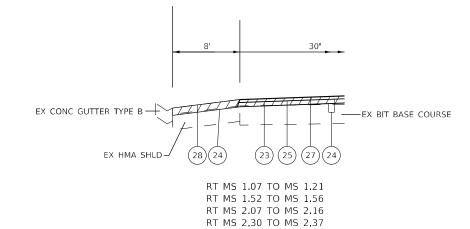


MS 0.95 TO MS 1.56 MS 1.69 TO MS 2.69



PROPOSED TYPICAL SECTION

MS 0.95 TO MS 1.56 MS 1.69 TO MS 2.69



SHEET 7

MS - MILE STATION

DESIGNED JSER NAME = smithma REVISED DRAWN REVISED HECKED REVISED PLOT DATE = 3/23/2021 REVISED DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION TYPICAL SECTIONS 312 64RS-4 ST. CLAIR 52 12 CONTRACT NO. 76L09 OF 10 SHEETS STA. TO STA.

1 EXISTING PCC PAVEMENT

2 EXISTING JOINTED PCC PAVEMENT 10"

(3) EXISTING PCC PAVEMENT 10"-8"-10"

(4) EXISTING PCC PAVEMENT 9"-7"-9"

(5) EXISTING SR PCC PAVEMENT 10"

(6) EXISTING HMA OVERLAY 1.5"

7 EXISTING HMA OVERLAY 6"±

(8) EXISTING HMA OVERLAY 3 $\frac{1}{4}$ "±

(9) EXISTING BITUMINOUS BASE COURSE 13"

(10) EXISTING BITUMINOUS BASE COURSE 13 $\frac{1}{2}$ "

(11) EXISTING BIT CONC PAVEMENT, FULL DEPTH 12 3/4"

(12) EXISTING STABILIZED SUB-BASE 4"

(13) EXISTING MODIFIED LIME SOIL 12"

(14) EXISTING STABILIZED SHOULDER 8"+

(15) EXISTING AGGREGATE SHOULDER, TYPE A

(16) EXISTING AGG WEDGE SHLD, TYPE B

(17) EXISTING LONGITUDINAL METAL JOINT

(18) EXISTING COMB CONC C&G TYPE B-9.12

(19) EXISTING PCC MEDIAN SURFACE 4"

(20) EXISTING CONC MEDIAN, TYPE SB-6.12

(21) EXISTING SR PCC CORRUGATED MEDIAN

(22) PROPOSED HMA SURFACE REMOVAL, 1 $\frac{1}{2}$ "

23) PROPOSED HMA SURFACE REMOVAL, 3 3/4"

(24) PROPOSED BITUMINOUS MATERIAL (TACK COAT)

(25) PROPOSED HMA BINDER COURSE, 2 $\frac{1}{4}$ "

(26) PROPOSED HMA-LONGITUDINAL JOINT SEALANT

(27) PROPOSED HMA SURFACE COURSE, 1 $\frac{1}{2}$ "

(28) PROPOSED HMA SHOULDER, 3 ¾"

(29) PROPOSED AGG SHOULDER, TYPE A

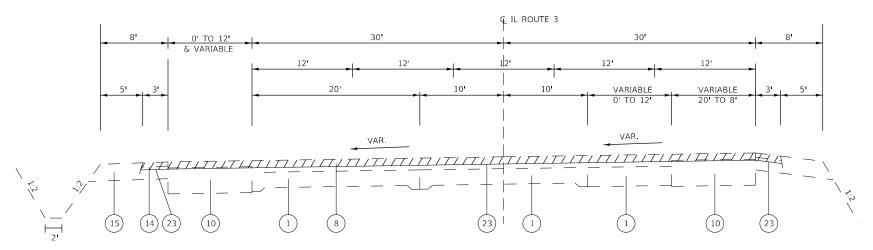
(30) PROPOSED AGG WEDGE SHLD, TYPE B

(31) PROPOSED MEDIAN REMOVAL

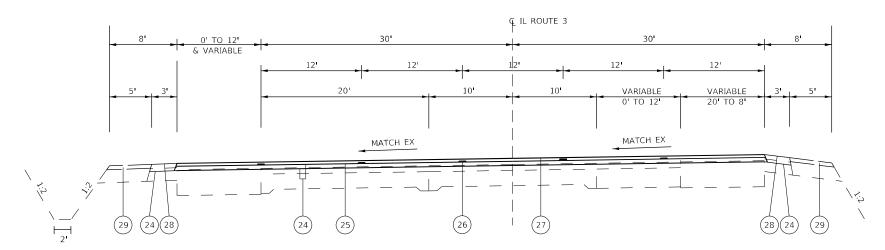
(32) PROPOSED COMB CONC C&G, TYPE M-4.12

(33) PROPOSED CONC MEDIAN SURF, 4 INCH

(34) PROPOSED CONC MEDIAN, TYPE M-4.12

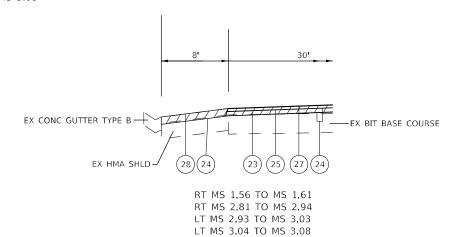


MS 1.56 TO MS 1.69 MS 2.69 TO MS 3.08



PROPOSED TYPICAL SECTION

MS 1.56 TO MS 1.69 MS 2.69 TO MS 3.08



SCALE:

MS - MILE STATION

JSER NAME = smithma DESIGNED REVISED DRAWN REVISED HECKED REVISED PLOT DATE = 3/23/2021 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION TYPICAL SECTIONS 312 64RS-4

1 EXISTING PCC PAVEMENT

(2) EXISTING JOINTED PCC PAVEMENT 10" (3) EXISTING PCC PAVEMENT 10"-8"-10"

(4) EXISTING PCC PAVEMENT 9"-7"-9"

(5) EXISTING SR PCC PAVEMENT 10"

(6) EXISTING HMA OVERLAY 1.5"

7 EXISTING HMA OVERLAY 6"±

(8) EXISTING HMA OVERLAY 3 $\frac{1}{4}$ "±

(9) EXISTING BITUMINOUS BASE COURSE 13"

(10) EXISTING BITUMINOUS BASE COURSE 13 $\frac{1}{2}$ "

(11) EXISTING BIT CONC PAVEMENT, FULL DEPTH 12 3/4"

(12) EXISTING STABILIZED SUB-BASE 4"

(13) EXISTING MODIFIED LIME SOIL 12"

(14) EXISTING STABILIZED SHOULDER 8"+

(15) EXISTING AGGREGATE SHOULDER, TYPE A

(16) EXISTING AGG WEDGE SHLD, TYPE B

(17) EXISTING LONGITUDINAL METAL JOINT

(18) EXISTING COMB CONC C&G TYPE B-9.12

(19) EXISTING PCC MEDIAN SURFACE 4"

(20) EXISTING CONC MEDIAN, TYPE SB-6.12

(21) EXISTING SR PCC CORRUGATED MEDIAN

(22) PROPOSED HMA SURFACE REMOVAL, 1 $\frac{1}{2}$ "

(23) PROPOSED HMA SURFACE REMOVAL, 3 3/4"

(24) PROPOSED BITUMINOUS MATERIAL (TACK COAT)

(25) PROPOSED HMA BINDER COURSE, 2 $\frac{1}{4}$ "

(26) PROPOSED HMA-LONGITUDINAL JOINT SEALANT

(27) PROPOSED HMA SURFACE COURSE, 1 ½"

(28) PROPOSED HMA SHOULDER, 3 3/4"

(29) PROPOSED AGG SHOULDER, TYPE A

(30) PROPOSED AGG WEDGE SHLD, TYPE B

(31) PROPOSED MEDIAN REMOVAL

(32) PROPOSED COMB CONC C&G, TYPE M-4.12

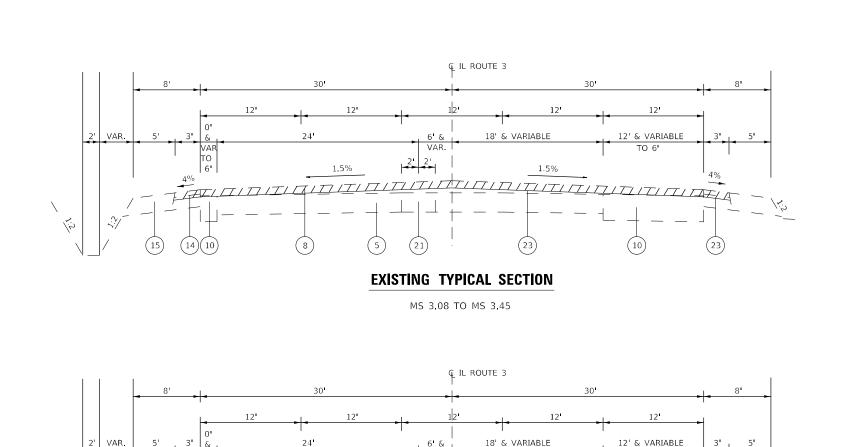
(33) PROPOSED CONC MEDIAN SURF, 4 INCH

(34) PROPOSED CONC MEDIAN, TYPE M-4.12

SHEET 8 OF 10 SHEETS STA. TO STA.

ST. CLAIR CONTRACT NO. 76L09

52 13

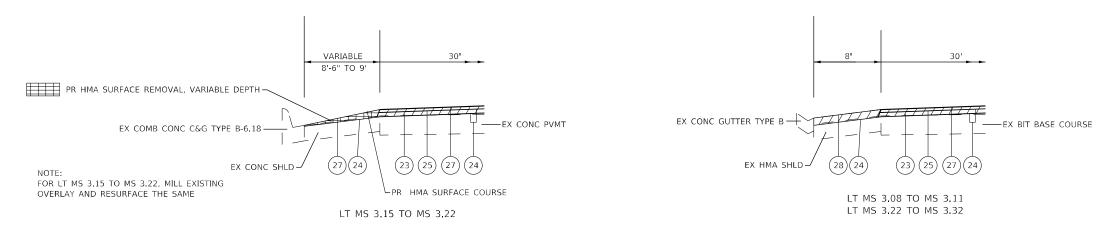


VAR.

PROPOSED TYPICAL SECTION

(26)

MS 3.08 TO MS 3.45



MATCH EX

(24)

(25)

MS - MILE STATION

USER NAME = smithma	DESIGNED -	REVISED -				TYPICAL	SECTIONS		F.A.P RTF	SECTION	COUNTY	TOTAL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		THIORE GESTIONS			312	64RS-4	ST. CLAIR	52 14	
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT	T NO. 76L09
PLOT DATE = 3/23/2021	DATE -	REVISED -		SCALE:	SHEET 9	OF 10 SHE	EETS STA.	TO STA.		ILLINOIS FED. AI	D PROJECT	-

TO 6'

MATCH EX

1 EXISTING PCC PAVEMENT

2 EXISTING JOINTED PCC PAVEMENT 10"

3 EXISTING PCC PAVEMENT 10"-8"-10"

(4) EXISTING PCC PAVEMENT 9"-7"-9"

5 EXISTING SR PCC PAVEMENT 10"
6 EXISTING HMA OVERLAY 1.5"
7 EXISTING HMA OVERLAY 6"±
8 EXISTING HMA OVERLAY 3 ½"±

9 EXISTING BITUMINOUS BASE COURSE 13"
(10) EXISTING BITUMINOUS BASE COURSE 13 ½"

(12) EXISTING STABILIZED SUB-BASE 4"
(13) EXISTING MODIFIED LIME SOIL 12"

(14) EXISTING STABILIZED SHOULDER 8"+
(15) EXISTING AGGREGATE SHOULDER, TYPE A
(16) EXISTING AGG WEDGE SHLD, TYPE B

(17) EXISTING LONGITUDINAL METAL JOINT

(19) EXISTING PCC MEDIAN SURFACE 4"
(20) EXISTING CONC MEDIAN, TYPE SB-6.12
(21) EXISTING SR PCC CORRUGATED MEDIAN

(18) EXISTING COMB CONC C&G TYPE B-9.12

(22) PROPOSED HMA SURFACE REMOVAL, 1 ½"

(23) PROPOSED HMA SURFACE REMOVAL, 3 ¾"

(24) PROPOSED BITUMINOUS MATERIAL (TACK COAT)

25) PROPOSED HMA BINDER COURSE, 2 ¾"

26) PROPOSED HMA-LONGITUDINAL JOINT SEALANT

27) PROPOSED HMA SURFACE COURSE, 1 ½"

28) PROPOSED HMA SHOULDER, 3 ¾"

(29) PROPOSED AGG SHOULDER, TYPE A

(30) PROPOSED AGG WEDGE SHLD, TYPE B

(32) PROPOSED COMB CONC C&G, TYPE M-4.12

(33) PROPOSED CONC MEDIAN SURF, 4 INCH

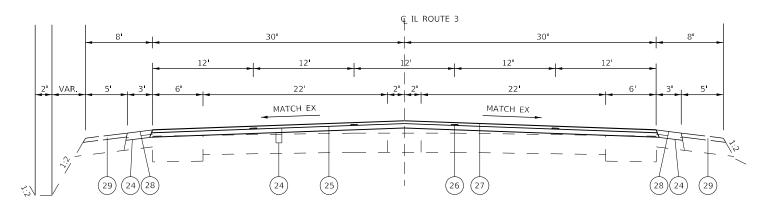
(34) PROPOSED CONC MEDIAN, TYPE M-4.12

(31) PROPOSED MEDIAN REMOVAL

(11) EXISTING BIT CONC PAVEMENT, FULL DEPTH 12 3/4"

pw/\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 8\Projects\D876|

MS 3,45 TO MS 3,66



PROPOSED TYPICAL SECTION

MS 3.45 TO MS 3.66

MS - MILE STATION

DESIGNED REVISED DRAWN REVISED LOT SCALE = 100.0000 / in. CHECKED REVISED PLOT DATE = 3/23/2021 REVISED DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS SHEET 10 OF 10 SHEETS STA.

SECTION 312 64RS-4 ST. CLAIR 52 15 CONTRACT NO. 76L09

1 EXISTING PCC PAVEMENT 2 EXISTING JOINTED PCC PAVEMENT 10"

(3) EXISTING PCC PAVEMENT 10"-8"-10"

(4) EXISTING PCC PAVEMENT 9"-7"-9"

5 EXISTING SR PCC PAVEMENT 10"

(6) EXISTING HMA OVERLAY 1.5"

7 EXISTING HMA OVERLAY 6"±

(8) EXISTING HMA OVERLAY 3 $\frac{1}{4}$ " ±

9 EXISTING BITUMINOUS BASE COURSE 13"

(10) EXISTING BITUMINOUS BASE COURSE 13 $\frac{1}{2}$ "

(11) EXISTING BIT CONC PAVEMENT, FULL DEPTH 12 3/4"

(12) EXISTING STABILIZED SUB-BASE 4"

(13) EXISTING MODIFIED LIME SOIL 12"

(14) EXISTING STABILIZED SHOULDER 8"+

(15) EXISTING AGGREGATE SHOULDER, TYPE A

(16) EXISTING AGG WEDGE SHLD, TYPE B

(17) EXISTING LONGITUDINAL METAL JOINT

(18) EXISTING COMB CONC C&G TYPE B-9.12

(19) EXISTING PCC MEDIAN SURFACE 4"

(20) EXISTING CONC MEDIAN, TYPE SB-6.12

(21) EXISTING SR PCC CORRUGATED MEDIAN

(22) PROPOSED HMA SURFACE REMOVAL, 1 ½"

(23) PROPOSED HMA SURFACE REMOVAL, 3 3/4"

(24) PROPOSED BITUMINOUS MATERIAL (TACK COAT)

(25) PROPOSED HMA BINDER COURSE, 2 $\frac{1}{4}$ "

(26) PROPOSED HMA-LONGITUDINAL JOINT SEALANT

(27) PROPOSED HMA SURFACE COURSE, 1 $\frac{1}{2}$ "

(28) PROPOSED HMA SHOULDER, 3 3/4"

(29) PROPOSED AGG SHOULDER, TYPE A

(30) PROPOSED AGG WEDGE SHLD, TYPE B

(31) PROPOSED MEDIAN REMOVAL

TO STA.

(32) PROPOSED COMB CONC C&G, TYPE M-4.12

(33) PROPOSED CONC MEDIAN SURF, 4 INCH

(34) PROPOSED CONC MEDIAN, TYPE M-4.12

			RESI	JR F A C I	NG SCHE	DULE		
	LOCATION	N	HMA SURFACE REMOVAL, 3 3/4"	HMA SURFACE REMOVAL, 1 1/2"	HMA BINDER COURSE, IL- 19.0, N90	BITUMINOUS MATERIAL (TACK COAT)	POLYMERIZED HMA SURFACE COURSE, IL- 9.5, MIX "E", N90	LONGITUDINAL JOINT SEALANT
MS	ТО	MS	SQ YD	SQ YD	TON	POUND	TON	FOOT
	IL ROUTE	3	MAINLINE					
	SOUTHBOUN	D						
0.00	TO	0.24		3379.2	457	2281	284	1637
0.24	ТО	0.32		1301.4	200	878	109	1267
0.32	ТО	0.37		704.0	108	475	59	264
١	NORTHBOUN	D						
0.01	TO	0.32		4364.8	613	2946	367	1637
0.32	TO	0.37		1085.3	167	733	91	606
	4 & NORTH	BOUND						
0.37	TO	0.42		1848	285	1247	155	1110
0.42	TO	0.51	1719	1056	396	2121	264	1901
0.51	TO	0.787	9100		1147	6143	764	5850
0.787	TO	0.793			RA	ILROAD OMISSI	ON	
0.793	TO	0.95	5158		650	3482	433	829
0.95	TO	1.319	12989		1637	8767	1091	7793
1.319	TO	1.321			RA	ILROAD OMISSI	ON	
1.321	TO	1.56	8413		1060	5679	707	5048
1.56	TO	1.69	4576		577	3089	384	3432
1.69	TO	2.69	35200		4435	23760	2957	21120
2.69	TO	3.08	13728		1730	9266	1153	10296
3.08	TO	3.45	13024		1641	8791	1094	7814
3.45	TO	3.66	7392		931	4990	621	4435
		0)//50				455		
MED	IAN CROSS	OVER	CIDEDOAD		29	155	19	
8TH STREET			SIDEROAD					
	WB TRAFFI	C		848	16	473	71	178
	B TRAFFI			830	43	496	70	315
	_D TRAITI	C		0.50	45	490	70	313
PORT OF EAST	ST LOUIS				95	419	52	
SKI OF EAST	51 20015	,			33	713	32	
ADDITIONAL S	IDEROADS	AND 1 CE	415		52	280	35	
	and thought the second		2.5.5					
	SUB - TOTAL	L	111714	15417	16270	86470	10781	75533
QUANTITIES F		LDER SCHEDULE	13247	7529		14094	more at Education	on a secundado 4 - Seathaireach
	TOTAL		124961	22945	16270	100563	10781	75533

	-
	t
	τ
	8
	ē
	-8
	9
	-53
	۲
+4	1
2	5
42	-
9	ú
	2
23	₹
ш	Z
9	ш
$_{\odot}$	-
2	ш

USER NAME = smithma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 4/5/2021	DATE -	REVISED -

SCALE:

	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	312	64RS-4	ST. CLAIR	52	16
			CONTRACT	NO. 76	5L09
SHEET 1 OF 10 SHEETS STA. TO STA.		TILLINOIS FED AT	D DDOIECT		-

			SHOUL	DER SC	HEDULE			
LC	OCAT I O	N	HMA SURFACE REMOVAL, 3 3/4"	HMA SURFACE REMOVAL, 1 1/2"	HMA SHOULDER	BITUMINOUS MATERIAL (TACK COAT)	AGGREGATE SHOULDERS, TYPE A	AGGREGATE WEDGE SHOULDER, TYPE B
MS	TO	MS	SQ YD	5Q YD	TON	POUND	TON	TON
IL	ROUTE	3						
SO	UTHBOUN	ID						
0.00	0.00 TO 0.24			2816	617	1901		62
0.24	ТО	0.32		235	56	158		10
0.32	ТО	0.37		88	21	59	32	6
NO	RTHBOUN	ID						
0.01	0.01 TO 0.24			2699	593	1822		59
0.24	ТО	0.32		563	134	380		10
0.32	ТО	0.37		293	70	198		6
SOUTH	& NORTH	IBOUND						
0.37	ТО	0.42		279	66	138	51	13
0.42	ТО	0.51	174	106	67	214	92	23
0.51	TO	0.787	650		137	439	355	
0.787	ТО	0.793			RAILROA	D OMISSION		
0.793	ТО	0.95	368		77	249	201	
0.95	ТО	1.07	422		89	285	154	
1.07	ТО	1.21	903		190	610	90	
1.21	ТО	1.319	384		81	259	140	
1.319	ТО	1.321			RAILROA	D OMISSION		
1.321	ТО	1.52	700		147	473	255	
1.52	ТО	1.61	581		122	392	58	
1.61	ТО	2.07	1619		340	1093	590	
2.07	TO	2.16	581		122	392	58	
2.16	TO	2.30	493		103	333	180	
2.30	ТО	2.37	452		95	305	45	
2.37	TO	2.81	1549		325	1045	565	
2.81	TO	2.93	774		163	523	154	
2.93	TO	2.94	94		20	63	0	
2.94	TO	3.03	581		122	392	58	
3.03	TO	3.04	35		7	24	13	
3.04	TO	3.11	452		95	305	45	
3.11	ТО	3.15	141		30	95	51	
3.15	ТО	3.22	452		95	305	45	
3.22	TO	3.32	645		136	436	64	
3.32	ТО	3.66	1197		251	808	436	
MEDIAN CROSSOV	/ER						7	
8TH STREET								
	TRAFFI	С		164	15	111		2
	TRAFFI			286	42	193		5
PORT OF EAST S					16	45		3
I								
St	JB - TOTAI	L	13247	7529	4442	14094	3740	200
QUANTITIES FRO	OM MAIN	LINE SCHEDULE	111714	15417		86470		-
	TOTAL		124961	22945	4442	100563	3740	200

HMA S	SURFACE REMOVAL VARIA	BLE DEPTH									
		HMA SURFACE									
	LOCATION										
	VARIABLE DEPTH										
MS		SQ YD									
IL ROUTE 3											
0.45	RESURFACING AND MILLING TRANSITION	404									
3.15 TO 3.22	LT SHOULDER	370									
	TOTAL 774										

USER NAME = smithma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 4/5/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	SCHEDULE OF QUANTITIES										F.A.P. SECTION			COUNTY TOTAL SHEETS	
	· ·								312	64RS-4		ST. CLAIR	52	17	
													CONTRACT	NO. 76	5L09
CALE:	SHEET	2	OF	10	SHEETS	STA.	TO	STA.			ILLINOIS	FED. AI	ID PROJECT		

inais gov:PWIDOT(Documents\IDOT Offices\District 8\Projects\D876L09\CADData\CADsheets\D876

MODEL: Default FILE NAME: overVolanmonn

	CLASS A PATCHING SCHEDULE											
		SOUTHBOUN	ND LANES	CLASS A PATCHES, 10 INCH (SPECIAL)		PATCHING						
MS	LANE	LENGTH	WIDTH	TY - I I I	SAW CUTS	REINFORCEMENT						
		FOOT	FOOT	SQ YD	FOOT	SQ YD						
0	ME	DIAN CROSSOV	ER									
0.05	DL	12	12	16	73	16						
0.05	PL	12 12 16		73	16							
	SUB - 1	TOTAL		32	146	32						
А	NTICIPATED	FAILURES 209	/6	6	29	6						
QUANTITY	FROM CLASS	B PATCHING	SCHEDULE		2372							
	TO	TAL		38	2548	38						

							C	CLASS B PATO	HING SCHED	ULE				
			NORTHBOU	ND LANES		CLASS B	PATCHES	, 16 INCH		DOWEL	TIE	WELDED WIRE	GEOTECHNICAL	SUBBASE GRANULAR
MILI	STATION	LANE	LENGTH	WIDTH	TY-II	TY-III	TY-IV	TY-IV (SPECIAL)	SAW CUTS	BARS	BARS	REINFORCEMENT	FABR I C	MATERIAL, TYPE B 6"
			FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH	SQ YD	SQ YD	SQ YD
NB	0.00	lol	NT S OF RUBY	/ ST										
NB	0.40	DL	20.00	12.00			26.7		89	20		26.7		
NB	0.75	DL	100.00	12.00				133.3	249	20	50	133.3	133.3	133.3
NB	0.78	DL	120.00	12.00				160.0	289	20	60	160.0	160.0	160.0
NB	2.30	DL	12.00	12.00		16.0			73	20		16.0		
NB	2.30	PL	12.00	12.00		16.0			73	20		16.0		
NB	2.30	BDL	14.00	12.00		18.7			77	20		18.7		
NB	2.60	PL	10.00	12.00	13.3				69	20				
NB	2.60	BDL	10.00	12.00	13.3				69	20				
NB	NB 2.61 PL 10		10.00	12.00	13.3				69	20				
NB	2.61	BDL	10.00	12.00	13.3				69	20				
NB	3.00	DL	100.00	12.00			133.3		249	20	50	133.3		
NB	3.30	DL	10.00	12.00	13.3				69	20				
NB	3.30	PL	10.00	12.00	13.3				69	20				
SB	0.00	ME[DIAN CROSSOV	/ER										
SB	0.10	DL	8.00	12.00	10.7				65	20				
SB	0.10	PL	10.00	12.00	13.3				69	20				
SB	0.11	DL	100.00	12.00			133.3		249	20	50	133.3		
SB	SB 1.30 PL 16.00 1:					21.3			81	20		21.3		
					104.0									
	SUB - TOTAL					72.0	293.3	293.3	1977	340	210	658.0	293.3	293.3
	ANTIC	IPATED FAI	LURES 20%		20.8	14.4	58.7	58.7	395.4	68	42	131.7	58.7	58.7
	QUANTITY FROM	CLASS A F	PATCHING SCH	IEDULE					175.2					
		ROUNDED TO	DTAL		125	86	352	352	2548	408	252	790	352	352

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

JSER NAME = smithma

PLOT DATE = 3/23/2021

PLOT SCALE = 100.0000 / in.

DESIGNED -

CHECKED

DRAWN

DATE

REVISED

REVISED

REVISED

REVISED

COUNTY TOTAL SHEET NO.

64RS-4 ST. CLAIR 52 18

CONTRACT NO. 76L09

ILLINOIS FED. AID PROJECT

F.A.P. RTE.

TO STA.

SCHEDULE OF QUANTITIES

SHEET 3 OF 10 SHEETS STA.

SCALE:

SECTION

								PAVEMEN	T MARK	ING SC	CHEDUL	E								
					PREFORMED	PLASTIC P	PAVEMENT M	IARKING, TYPE	E B - INLA	AID & TEMP	PORARY PA	VEMENT MA	RK I NG			TEMPORARY	TEMPORARY SHORT TER			
S	STATIO	ON	4" YELLOW	4" WHITE	4" WHITE (2'-6')	4" YELLOW	4" WHITE	4" YELLOW (DBL)	6" WHITE	8"WHITE	8" YELLOW	12" YELLOW	12" WHITE	24" WHITE	LETTERS &	PAVEMENT MARKING	TERM PAVEMENT MARK I NG	PAVEMENT MARK I NG		
			SKIP DASH	SK I P DASH	SKIP DASH	SOLID	SOLID	SOLID	SOLID	SOLID	SOL I D	SOLID	SOL ID	SOLID	SYMBOLS	REMOVAL	(3 LIFTS)	REMOVAL		
MS	TO	MS	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT	SQ FT		
	ROUTE																			
	DUTHBOL										_									
0.00	TO	0.24		317	21	1267	1267							70 10	12 0	957	650	108		
0.24	ТО			83	43	327	482						54	36	46.8	484	235	39		
	_	ACROSS)		120		F.1.6	172				_					272	200	10		
0.32	TO DRTHBOL	0.42		129		516	472									372	288	48		
0.01	TO	0.32		386		1545	1466									1132	788	131		
000 00 000 000		ACROSS)		300		1343	1400									1132	700	131		
0.32	ТО			132	48	528	186					126		24		472	495	83		
0.32	1.0	0.12		132		320	100					125					1,55			
SOUTH	& NOR	THBOUND																		
0.42	ТО	0.77	734	924		2936	3948	760		60				36	202.8	3415	3024	336		
MONSANT	O AVE	(ACROSS)																		
0.77		0.789		50	_		236	201		60	-			84	138.0	508	137	15		
0.789	ТО	0.795		16			47	47	560							317				
0.795	TO	1.319	1189	1383		4755	5835	514						180	618.0	5537	4527	503		
1.319	TO	1.321				•				RAILRO	AD OMISSION	J								
1.321	TO	1.53	371	508		1483	2248	532						108	216.0	2146	1806	201		
QUEENY	AVE (ACROSS)																		
1.53		2.19	1463	1699		5852	7235	884		73				72	405.6	6309	5702	634		
	EROME																			
2.19		2.90	1657	1811	39	6628	7124	744		168		33		60	457.6	6723	6134	682		
	(SON RE	D (IL 157)																		
2.90	D 67/5	3.29	881	994	38	3524	3990	576		100		30		60	218.4	3770	3370	374		
	R ST/5		726	024		20.42	2222	362		20	_			26	107.2	2070	2765	307		
3.29	- CT N	3.61 MONICA DR	736	824		2943	3232	302		30				36	187.2	2978	2705	307		
3.61	TO	3.66		132			528	1068				99				675	432	48		
3.01	10	3.00		132	_		328	1008			_	99				073	432	40		
8.T	H STR	FFT																		
19647.7546	B TRAFF	90 - 100 - Alles 1		48	34		202			136	223		28	56	46.8	521	100	11		
	3 TRAF	W 107- WEE	 	1.5	51		392			553	102		70	## ## ## ## ## ## ## ## ## ## ## ## ##	1015	654	84	9		
		n m S	<u> </u>																	
9	SUBTOTA	AL	7030	9436	274	32305	38891	5688	560	1180	325	288	152	752	2537.2	36972	30537	3530		
	TOTAL				93	623			560	15	05	4.	40	752	2537.2	36972	30537	3530		

USER NAME = smithma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 4/2/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

		SCHE	DULE	OF QL	JANTITIES	S	F.A.P. RTE	SECT	ION		COUNTY	TOTAL SHEETS	SHEE NO.
							312	64R	S-4		ST. CLAIR	52	19
											CONTRACT	NO. 76	5L09
SCALE:	SHEET 4	OF	10	SHEETS	STA.	TO STA.			ILLINOIS	FED. Al	ID PROJECT		

PAINT PAVEMENT	MARKING (ME	MARKING (MEDIANS AND ISLAND) SCHEDU						
LOCATION	DIDECTION	RAISED MEDIAN	CURB					
LOCATION	DIRECTION	SQ FT	FOOT					
IL ROUTE 3 AT 8TH ST.	NORTH MEDIAN	55	48					
	SOUTH MEDIAN	88	148					
8TH STREET	NORTHERN ISLAND		60					
	MED I AN		183					
	SOUTHERN ISLAND		176					
TOTAL		143	615					

	SIGN SCHE	DULE						
LOCATION SIGN PANEL - TYPE 1								
	REMOVE AND	TELESCOPING	BASE FOR					
II DOUTE 2 AT OTH CT	RE - ERECT	STEEL SIGN	TELESCOPING					
IL ROUTE 3 AT 8TH ST.	EXISTING SIGN	SUPPORT	STEEL SIGN SUPPORT					
	EACH	FOOT	EACH					
NORTH MEDIAN	1	10	1					
SOUTH MEDIAN	2	20	2					
TOTAL	3	30	3					

USER NAME = smithma	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	
PLOT DATE = 4/2/2021	DATE -	REVISED -	

	SCHEDULE	OF QI	JANTITIES		F.A.P. RTE	SEC	TION		COUNTY	TOTAL SHEETS	SHEE NO.
					312	64F	RS-4		ST. CLAIR	52	20
									CONTRACT	NO. 7	6L09
SHEET 5	OF 10	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		

				ľ	MED I AN	AND ISL	AND SCH	EDULE						
LOCATION	DIRECTION	CURB REMOVAL (SPECIAL)	COMBINATION CURB & GUTTER REMOVAL	MEDIAN REMOVAL	CLASS SI CONC (OUTLET)	DOWEL BARS 1-1/2 INCH	CONCRETE MEDIAN CONCRETE CURB & GUTTER CONCRETE MEDIAN CONCRETE SURFACE, 4 INCH MEDIAN REFLECTOR							
							TYPE M-4.12	TYPE B-6.06	TYPE B-6.24	TYPE B-9.12		SM 4.12		
		FOOT	FOOT	SQ FT	CU YD	EACH	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	EACH	
IL ROUTE 3 AT 8TH ST.	NORTH MEDIAN 5050 2 659 4442 28													
TE ROUTE 3 AT 8TH 3T.	SOUTH MEDIAN			729								729	18	
	NORTHERN ISLAND			440				20	30		172		12	
8TH STREET	MEDIAN		263			2				263			15	
	SOUTHERN ISLAND		250					105	132		2080		32	
IL 3 N OF IL 157	WEST SIDE	20												
TOTAL		20	513	6219	2	2	659	125	162	263	6694	729	105	

	GUARDRAIL SCHEDULE													
LOCATION	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL TYPE 6	SPBGR, TYPE A, 6 FOOT POST	TERMINAL TYPE 1,	REMOVE & REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	REMOVE & REERECT SPBGR, TYPE A	REMOVE & REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	TERMINAL MARKER- DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	CONCRETE CURB, TYPE B				
MILE STATION	FOOT	EACH	FOOT	EACH	EACH	FOOT	EACH	EACH	EACH	FOOT				
0.01 NB	150	1	62.5	1	1	87.5	1	1	4	15				
TOTAL	150	1	62.5	1	1	87.5	1	1	4	15				

	SIGN T	RUSS SCHEDULE		
				OVERHEAD SIGN
LOCATION	REMOVE SIGN PANEL-TYPE 3	SIGN PANEL-TYPE 3	REMOVE OVERHEAD SIGN	STRUCTURE WALKWAY,
LOCATION			STRUCTURE WALKWAY	TYPE A
	SQ FT	SQ FT	FOOT	FOOT
IL ROUTE 3 S OF 8TH ST.	300	300	50	140
TOTAL	300	300	50	140

USER NAME = smithma	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	
PLOT DATE = 4/2/2021	DATE -	REVISED -	

SCHEDULE OF QUANTITIES	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	312	64RS-4	ST. CLAIR	52	21
			CONTRACT	NO. 76	5L09
SHEET 6 OF 10 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT		

				TEMP	ORARY	RAMP	/ACCESS	SCHEDULE	
LOCA	NOITA	ENTR / SR	MATL		SIZE		TEMPORARY	AGGREGATE FOR	COMMENTS
MS	RT/LT			WIDTH	LENGTH	AREA	RAMP	TEMPORARY ACCESS	
				(FT)	(FT)	(SQ YD)	SQ YD	TON	
IL RO	DUTE 3								
0.00		BPSB	HMA	18	44	88	88		
0.01		BPNB	HMA	36	24	96	96		
		MCR	HMA	8	25	22	22		
		MCR	HMA	8	25	22	22		
	RT	SR	PCC	8	150	133	133		PORT OF EAST ST LOUIS
	LT	SR	HMA	8	150	133	133		8TH STREET
0.32									
	LT	TRL	HMA	8	213	189	189		
0.45		RAMT	HMA	21	66	154	154		
	RT	CE	HMA / AGG	3	60	20	20		
	LT	CE	HMA	3	50	17	17		
	LT	CE	PCC	3	50	17	17		
	LT	CE	HMA	3	50	17	17		
	RT	CE	AGG	3	150	50		5	-
	RT	SR	PCC	3	100	33	33		YELLOW BRICK ROAD
	RT	CE	HMA	3	110	37	37		
	RT	SR	HMA	3	150	50	50		MONSANTO AVE
	LT	SR	HMA	3	150	50	50		MONSANTO AVE
0.77									
	LT	CE	HMA	3	50	17	17		
	LT	CE	HMA	3	60	20	20		
	RT	CE	AGG	3	50	17		2	
	LT	CE	HMA APRON	3	50	17	17		RR ACCESS
	RT	CE	AGG	3	30	10		1	RR ACCESS
	LT	CE	AGG	3	30	10		1	RR ACCESS
	RT	CE	AGG	3	30	10		1	RR ACCESS
	LT	CE	AGG	3	30	10		1	
	RT	CE	AGG	3	30	10		1	RR ACCESS
	LT	CE	PCC	3	100	33	33		
	LT	CE	HMA	3	60	20	20		
	RT	SR	HMA	3	100	33	33		QUEENY AVENUE
	LT	SR	HMA	3	160	53	53		QUEENY AVENUE
1.53									
	LT	FE	AGG	3	30	10		1	
	LT	CE	PCC	.3	65	22	22		MOTOMART
	LT	CE	HMA	3	65	22	22		MOTOMART
			SUB - TOTAL				1315	13	

USER NAME = smithma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2021	DATE -	REVISED -

STATE O	F ILLINOIS
DEPARTMENT OF	TRANSPORTATION

SCALE:

	S	CHEE	OULE	OF QI	JANTITII	ES		F.A.P. RTE	SEC ⁻	TION		COUNTY	TOTAL SHEETS	SHEET NO.
								312	64R	S-4		ST. CLAIR	52	22
												CONTRACT	NO. 76	5L09
SHEET	7	OF	10	SHEETS	STA.		TO STA.			ILLINOIS	FED. A	ID PROJECT		

				TEMP	ORARY	RAMP	/ACCESS	SCHEDULE	
LOCA	AT I ON	ENTR/SR	MATL		SIZE		TEMPORARY	AGGREGATE FOR	COMMENTS
MS	RT/LT	LIVITY SIX	MATE	WIDTH	LENGTH	AREA	RAMP	TEMPORARY ACCESS	COMMENTS
IVIS	KI/LI			WIDTH		W 0.0 Oct. 100 0	2002/0000 TAVO CCCA	(NOTE OF THE SECOND SEC	
				(FT)	(FT)	(SQ YD)	SQ YD	TON	
	LT	CE	HMA	3	60	20	20		SPORTS BAR & GRILL
	LT	CE	HMA	3	60	20	20		SPORTS BAR & GRILL
	LT	CE	HMA	3	60	20	20	_	_
	RT	CE	AGG	3	75	25		3	RR ACCESS
1.79	LT	SR	HMA SURF/HMA	3	107	36	36		JUDITH LANE
	LT	CE	HMA	3	50	17	17		PRAXAIR WELDING GAS & SUPPLY STORE
	LT	CE	HMA	3	50	17	17		PRAXAIR WELDING GAS & SUPPLY STORE
	RT	CE	PCC	3	150	50	50		PHILLIP 66 EAST ST LOUIS TERMINAL
	LT	CE	HMA	3	50	17	17		STRIP MALL
	LT	CE	HMA	3	50	17	17		
	LT	SR	HMA	3	65	22	22		DAVID STREET
	LT	CE	HMA	3	50	17	17		
	LT	CE	HMA	3	50	17	17		
	LT	SR	HMA	3	70	23	23		SCHOOL STREET
	LT	CE	HMA	3	50	17	17		
	RT	CE	HMA	3	50	17	17		
	LT	CE	HMA	3	50	17	17		
	LT	CE	HMA	3	50	17	17		
	RT	CE	HMA	3	50	17	17		
	LT	CE	HMA	3	50	17	17		
	RT	CE	PCC	3	0				PCC ENTR EXTENDS TO TRAFFIC LANES
	LT	CE	HMA	3	50	17	17		
	LT	CE	HMA	3	30	10	10		EMPTY FIELD
	LT	SR	HMA	3	68	23	23		CAHOKIA STREET
	LT	CE	HMA	3	50	17	17		
	LT	CE	HMA	3	50	17	17		
	LT	CE	HMA	3	50	17	17		_
2.19	LT	SR	HMA SURF/HMA	3	222	74	74		JEROME LANE
	LT	CE	HMA	3	50	17	17		
	LT	CE	HMA	3	50	17	17		BLOCKED FURTHER BACK CONC BOLLARDS
	LT	SR	HMA SURF/HMA	3	65	22	22		LEE STREET
	RT	SR	HMA / PCC	3	100	33	33		PRODUCTION PKWY
		SR ABOVE TWO			The second secon	ann a Addition A			HMA SHLD THEN HMA APRON THEN PCC ENTR
	LT	CE	PCC	3	50	17	17		PCC ENTR EXTENDS TO TRAFFIC LANES
	LT	PE	AGG	3	30	10	3 married (1975)	1	. 33 ENTR EXTENSS TO TRAITITE ENNES
	LT	CE	HMA	3	80	27	27		
			SUB - TOTAL		may 6000		696	4	
				I					

USER NAME = smithma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2021	DATE -	REVISED -

STATE OF	: ILLINOIS
DEPARTMENT OF	TRANSPORTATION

SCALE:

	SCHEI	DULE	OF QI	JANTITIES	F.A.P. SECTION			COUNTY	TOTAL SHEETS	SHEET NO.	
					312	64RS-4		ST. CLAIR	52	23	
									CONTRACT	NO. 76	5L09
SHEET 8 OF 10 SHEETS STA. TO STA.						ILLINOIS FED. A			ID PROJECT		

				TEMP	ORARY	RAMP	/ACCESS	SCHEDULE	
LOCA	ATION	ENTR/SR	MATL		SIZE		TEMPORARY	AGGREGATE FOR	COMMENTS
MS	RT/LT			WIDTH	LENGTH	AREA	RAMP	TEMPORARY ACCESS	
				(FT)	(FT)	(SQ YD)	SQ YD	TON	
	RT	SR	HMA / PCC	3	100	33	33		INDUSTRIAL PARK
		SR ABOVE TWO	D LINES						PCC ENTR EXTENDS TO BIT SHLD
	LT	SR	HMA	3	100	33	33		JUDITH STREET
	LT	CE	AGG	3	60	20		2	, , , , , , , , , , , , , , , , , , ,
	LT	CE	HMA	3	60	20	20		
	LT	SR	HMA	3	100	33	33		GLORIA STREET
	RT	CE	PCC	3	0				PCC ENTR EXTENDS TO TRAFFIC LANES
	LT	SR	HMA	3	100	33	33		HISSRICH STREET
	RT	CE	HMA	3	60	20	20		
	LT	SR	HMA	3	100	33	33		EDGAR STREET
	RT	CE	PCC	3	60	20	20		PCC ENTR EXTENDS TO BIT SHLD
	LT	CE	PCC	3	0				PCC ENTR EXTENDS TO TRAFFIC LANES
	LT	CE	HMA	3	60	20	20		The Elim Extense to think the Exiles
	LT	PE	HMA	3	50	17	17		-
	LT	SR	HMA	3	100	33	33		CIRCLE CREEK LN
	LT	PE	HMA	3	50	17	17		CINCLE CHEEK EN
	RT	CE	PCC	3	0				PCC ENTR EXTENDS TO TRAFFIC LANES
	LT	CE	HMA	3	60	20	20		The Elittic Extremes to Tiviti to Extremes
	RT	CE	HMA	3	60	20	20		
	RT	CE	HMA / PCC	3	60	20	20		HMA APRON THEN CONC
	LT	PE	HMA	3	60	20	20		
2.90	LT	SR	HMA	3	0				CAMP JACKSON RD (IL ROUTE 157)
	RT	CE	HMA	3	60	20	20		CALL STORES (12 NOCY 2 137)
	RT	CE	HMA	3	60	20	20		-
	RT	CE	HMA	3	60	20	20		
	LT	SR	HMA	3	100	33	33		FIRST STREET
	RT	SR	HMA	3	100	33	33		FIRST STREET
	RT	CE	HMA	3	150	50	50		
	RT	CE	HMA	3	100	33	33		
	RT	SR	HMA	3	64	21	21		SECOND STREET
	LT	SR	HMA	3	60	20	20		SECOND STREET
	RT	PE	HMA	3	30	10	10		
	LT	CE	AGG	3	50	17		2	
	LT	CE	HMA / PCC	3	50	17	17		8' HMA SHLD THEN PCC PVMT
	RT	PE	AGG	3	30	10		1	
	LT	CE	HMA / PCC	3	50	17	17		8' HMA SHLD THEN PCC PVMT
			SUB - TOTAL				688	5	
	L		<u> </u>			L	,	<u> </u>	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

				TEMF	ORARY	RAMP	/ACCESS	SCHEDULE	
LOCA	TION	ENTR/SR	MATL		SIZE		TEMPORARY	AGGREGATE FOR	COMMENTS
MS	RT/LT			WIDTH	LENGTH	AREA	RAMP	TEMPORARY ACCESS	
				(FT)	(FT)	(SQ YD)	SQ YD	TON	
	RT	SR	HMA	3	60	20	20		THIRD STREET
	LT	SR	HMA	3	50	17	17		THIRD STREET
	LT	CE	HMA / PCC	3	50	17	17		8' HMA SHLD THEN PCC PVMT
	RT	PE	HMA	3	50	17	17		HMA APRON
	LT	CE	HMA / PCC	3	50	17	17		8' HMA SHLD THEN PCC PVMT
	LT	CE	HMA / PCC	3	50	17	17		8' HMA SHLD THEN PCC GUTTER THEN HMA
	RT	PE	AGG	3	80	27		3	
	RT	SR	HMA	3	66	22	22		FOURTH STREET
	LT	SR	HMA / PCC	3	50	17	17		FOURTH STREET
		SR ABOVE TWO	LINES			0			8' HMA SHLD THEN PCC GUTTER THEN HMA
	RT	PE	AGG	3	30	10		1	
3.29	RT	SR	HMA	3	173	58	58		WATER STREET
3.29	LT	SR	HMA	3	50	17	17		FIFTH STREET
	LT	CE	HMA	3	60	20	20		NO ENTRY FURTHER BACK CONC BLOCKS
	LT	CE	HMA	3	60	20	20		
	RT	CE	HMA / PCC	3	71	24	24		GAS STATION
	RT	CE	HMA	3	60	20	20		
	LT	CE	HMA	3	60	20	20		
	RT	CE	HMA	3	60	20	20		
	LT	CE	HMA	3	60	20	20		
	RT	CE	HMA	3	60	20	20		
	LT	CE	HMA	3	60	20	20		
	RT	SR	HMA	3	72	24	24		ADA STREET
	LT	CE	HMA	3	60	20	20		
	LT	CE	HMA	3	60	20	20		
	LT	CE	HMA	3	60	20	20		
	RT	CE	PCC	3	60	20	20		PCC ENTR EXTENDS TO BIT SHLD
	LT	CE	HMA	3	60	20	20		
	RT	SR	HMA	3	66	22	22		RUBY STREET
3.60	LT	SR	HMA	3	72	24	24		ST MONICA DR
3.66		END PROJ	HMA	13	66	95	95		
			SUB - TOTAL				665	4	
		TOTAL					3363	26	

USER NAME = smithma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

	SC	CHED	ULE	OF QI	JANTITIE	S			F.A.P. RTE	SEC ⁻	TION		COUNTY	TOTAL SHEETS	SHEET NO.
				312	64R	S-4		ST. CLAIR	52	25					
													CONTRACT	NO. 76	5L09
SHEET	10	OF	10	SHEETS	STA.		TO STA.				ILLINOIS	FED. A	ID PROJECT		

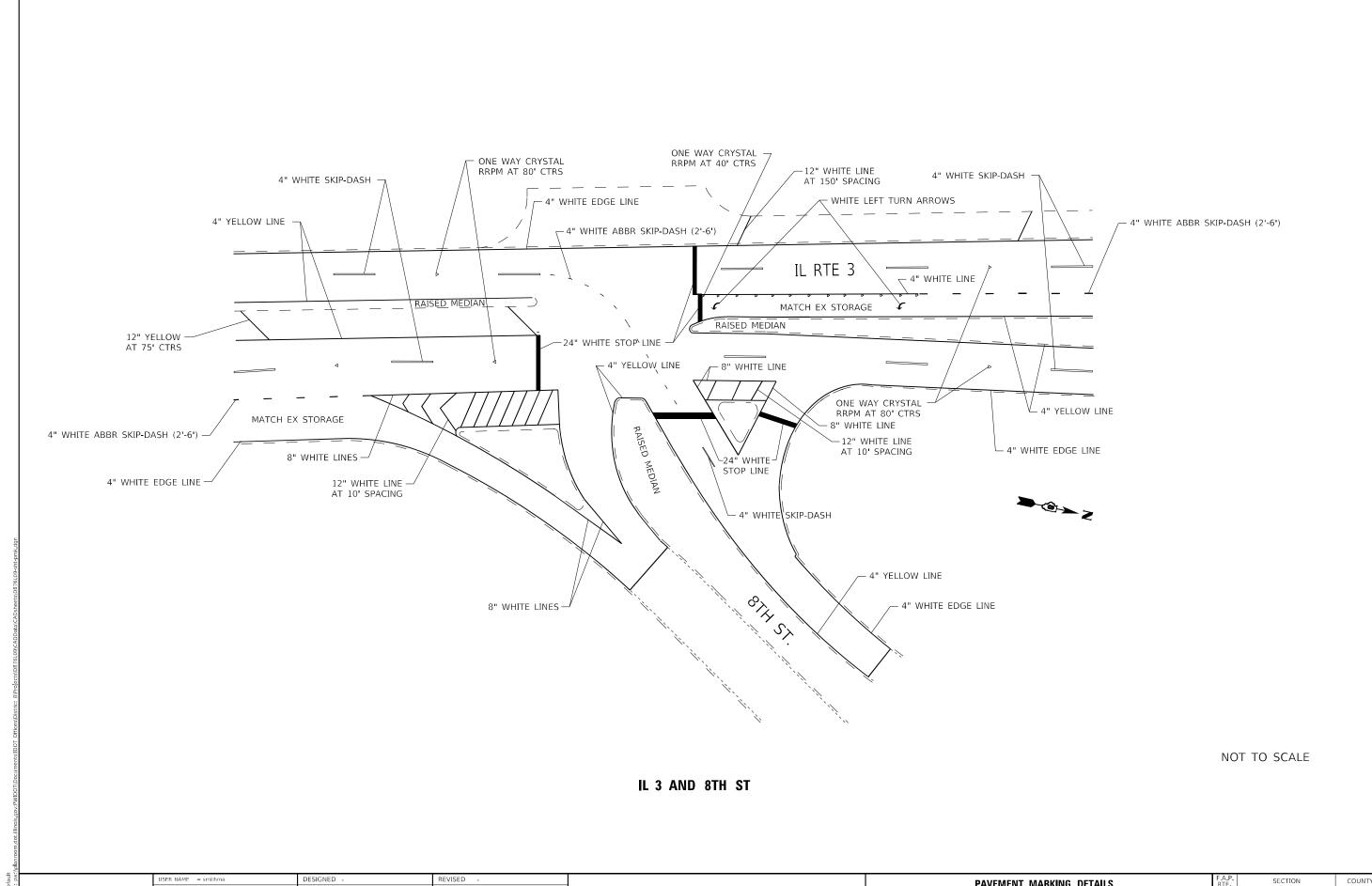
MS - MILE STATION

DETAILED LOCATION MAP

SIGNALIZED INTERSECTIONS SHOWN EXCEPT FOR JUDITH LN AND RUBY ST/ST. MONICA DR

USER NAME = smithma	DESIGNED -	REVISED -				LOCATION	I MAP		F.A.P.	SECTION	COUNTY	TOTAL S	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS			LOUATION	ı WAI		312	64RS-4	ST. CLAIR	52	26
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT	NO. 76	L09
PLOT DATE = 3/23/2021	DATE -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	S STA.	TO STA.		TILLINOIS FED. A	ID PROJECT		

MODEL: Default FILE NAME: ov://olanroom.dot.illingis.gov:PWID



STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

SHEET 1 OF 1 SHEETS STA.

ST. CLAIR 52 27

CONTRACT NO. 76L09

64RS-4

DRAWN

DATE

CHECKED

PLOT SCALE = 40.0000 / in.

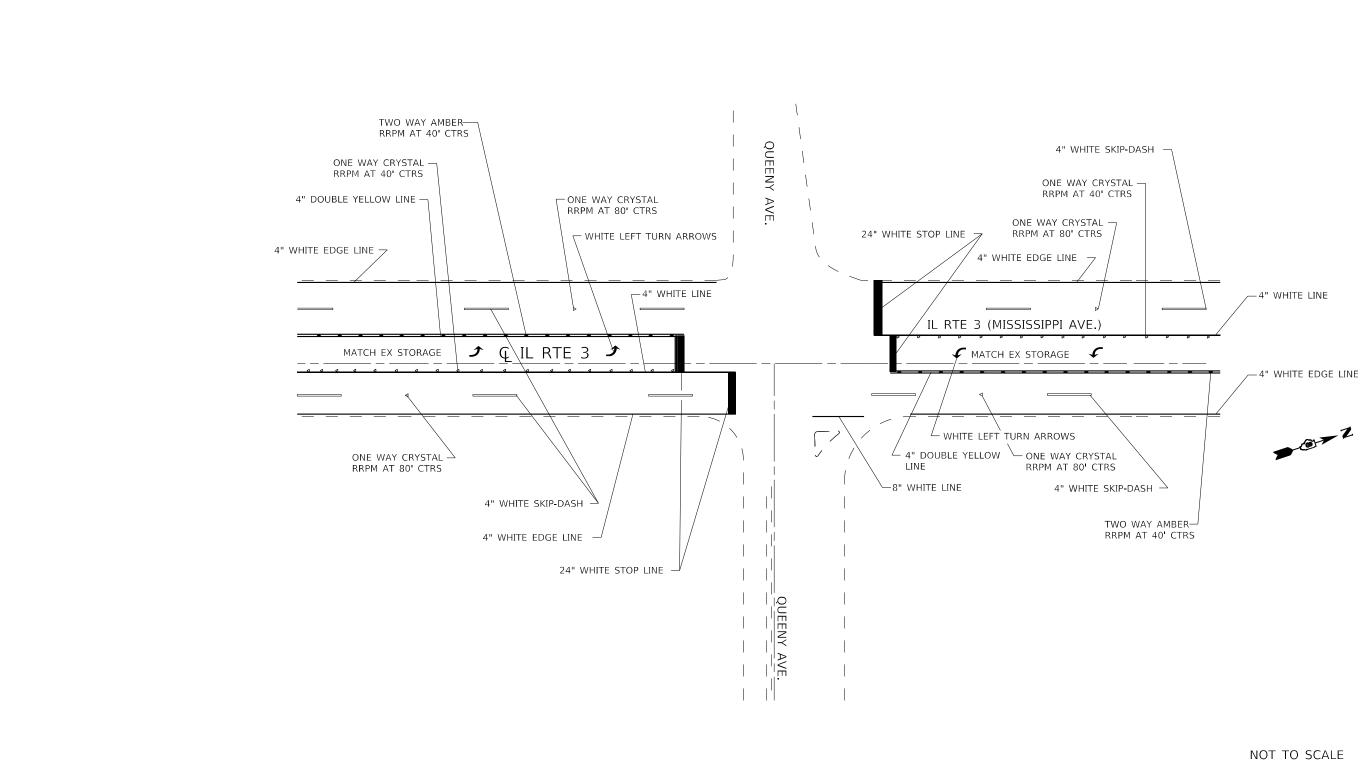
REVISED

REVISED

II 3 AND MONSANTO AVE

IL	3	AND	MONSANIO	AVE

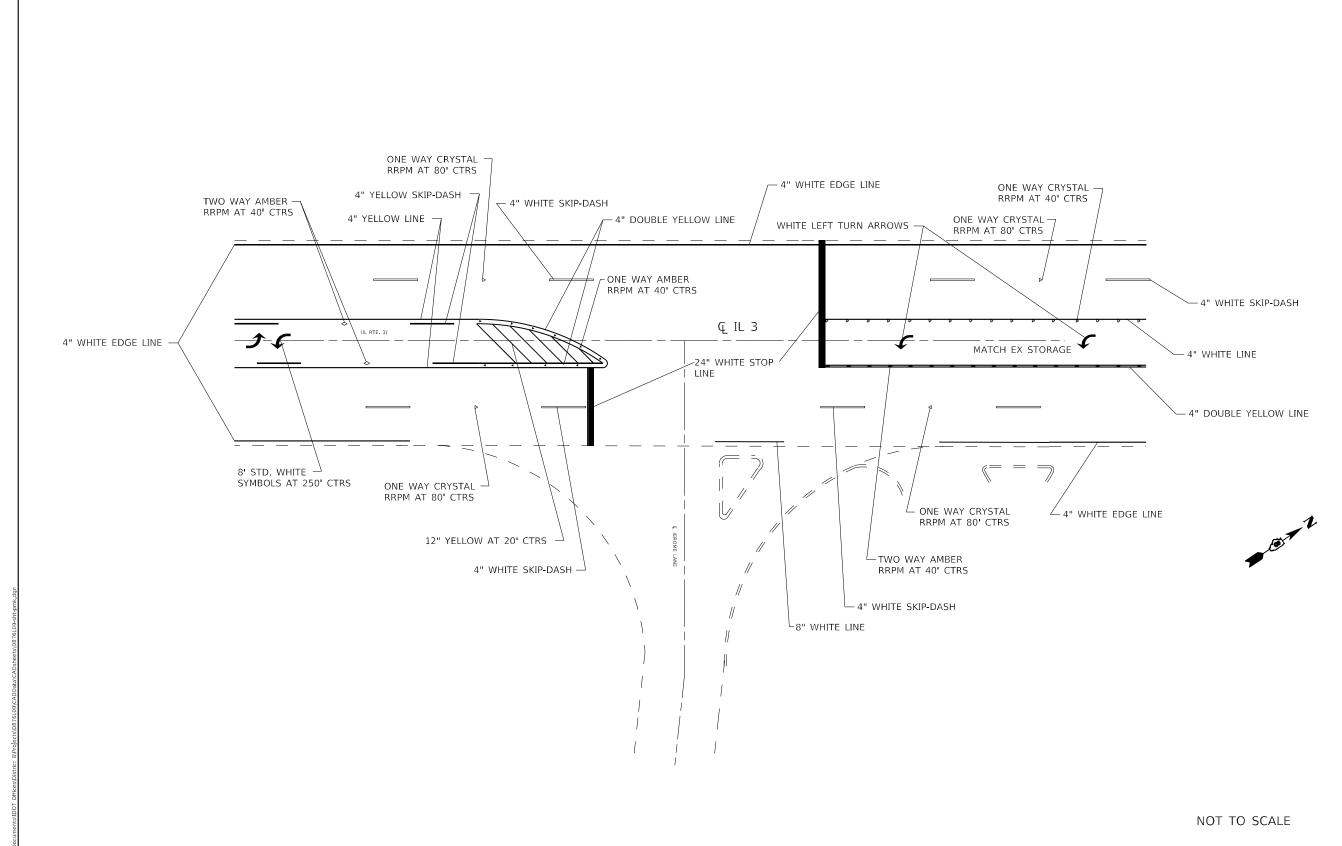
USER NAME = smithma	DESIGNED -	REVISED -	PAVEMENT MARKING DETAILS F.A.P. RTE.		F.A.P.	SECTION	COUNTY TOTAL SHEET			
	DRAWN -	REVISED -	STATE OF ILLINOIS		TAVEINERT WAIK	ING DETAILS		312	64RS-4	ST. CLAIR 52 28
PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION							CONTRACT NO. 76L09
PLOT DATE = 4/6/2021	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEET:	S STA.	TO STA.		ILLINOIS FED.	AID PROJECT



IL 3 AND QUEENY AVE

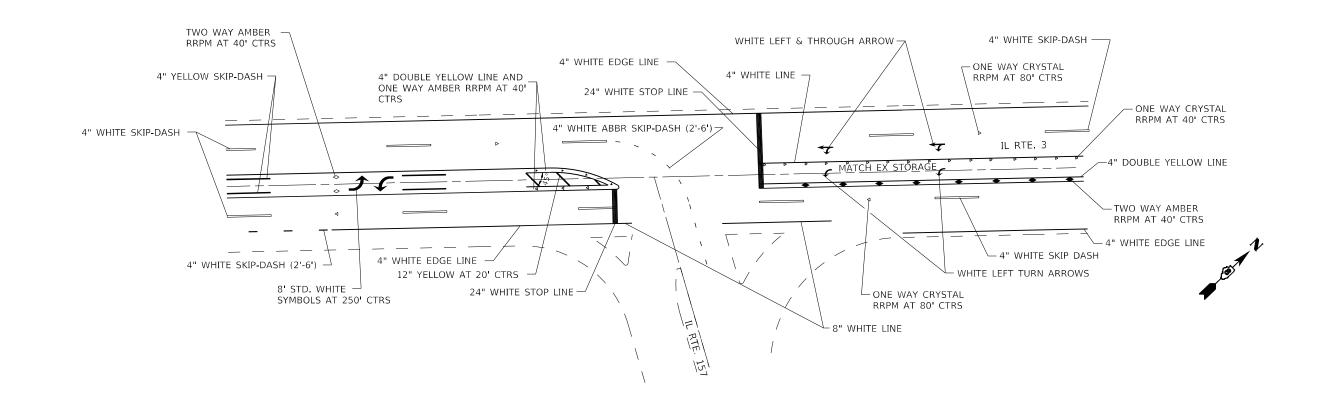
USER NAME = smithma	DESIGNED -	REVISED -	PAVEMENT MARKING DETAILS FAP.		F.A.P.	SECTION	COUNTY	TOTAL	SHEET		
	DRAWN -	REVISED -	STATE OF ILLINOIS	TAVENENT MAINING DETAILS		312	64RS-4	ST. CLAIR	52	29	
PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				-		CONTRACT	NO. 76	L09
PLOT DATE = 3/23/2021	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA	Α.		ILLINOIS FED. A	ID PROJECT		

MODEL: Default



IL 3 AND JEROME LN

USER NAME = smithma	DESIGNED -	REVISED -			PAVEMENT MARKING DETAILS		SECTION	COUNTY TOTAL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS				64RS-4	ST. CLAIR 52 30
PLOT SCALE = 40.0000 / in	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT NO. 76L09
PLOT DATE = 3/23/2021	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. A	AID PROJECT



NOT TO SCALE

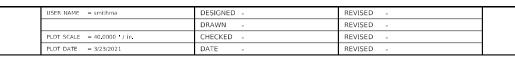
IL 3 AND IL 157

USER NAME = smithma	DESIGNED -	REVISED -	PAVEMENT MARKING DETAILS F.A.P.		F.A.P.	SECTION	COUNTY TOTAL SHEET			
	DRAWN -	REVISED -	STATE OF ILLINOIS		TAVEINER WAIN	ING DETAILS		312	64RS-4	ST. CLAIR 52 31
PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION							CONTRACT NO. 76L09
PLOT DATE = 3/23/2021	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEET	S STA.	TO STA.		ILLINOIS FED.	AID PROJECT

NOT TO SCALE

IL 3 AND WATER ST /5TH ST

USER NAME = smithma	DESIGNED -	REVISED -		PAVEMENT MARKING DETAILS		F.A.P.	SECTION	COUNTY TOTAL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		TAVEINENT WANKING DETAILS	312	64RS-4	ST. CLAIR 52 32
PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT NO. 76L09
PLOT DATE = 3/23/2021	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. A	AID PROJECT



NOT TO SCALE

ONE WAY CRYSTAL — RRPM AT 80' CTRS

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS 312 SHEET 1 OF 1 SHEETS STA. TO STA.

SECTION COUNTY COUNTY SHEETS NO.

ST. CLAIR 52 33 64RS-4 CONTRACT NO. 76L09

TYPICAL PAVEMENT MARKING WITH BI-DIRECTIONAL LANE

TWO WAY AMBER	ONE WAY AMBER RRPM— AT 20' - 40' CTRS	4" DOUBLE	LENGTH 60' 8' 25' Bi	8' STD. WHITE SYMBOLS AT 250' CTRS ONE WAY CRYSTAL RRPM AT 80' CTRS 100' MIN 21 21 31-DIRECTIONAL ANE TWO WAY AMBER RRPM AT 40' CTRS	-4" WHITE SKIP-DASH -4" YELLOW LINE -4" YELLOW SKIP-DASH -4" YELLOW SKIP-DASH -4" YELLOW LINE
4" WHITE EDGE LINE —					

JSER NAME = smithma DESIGNED -REVISED DRAWN REVISED CHECKED REVISED PLOT DATE = 3/23/2021 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION **PAVEMENT MARKING DETAILS** 312 64RS-4 ST. CLAIR 52 34 CONTRACT NO. 76L09 SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

NOT TO SCALE

DETAIL 'E'

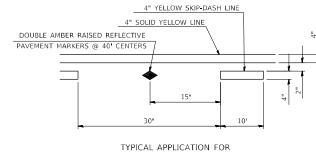
4" WHITE SKIP-DASH LANE LINE

TYPICAL APPLICATION FOR WHITE SKIP-DASH LANE LINES

DETAIL "F"

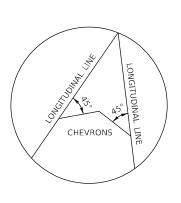






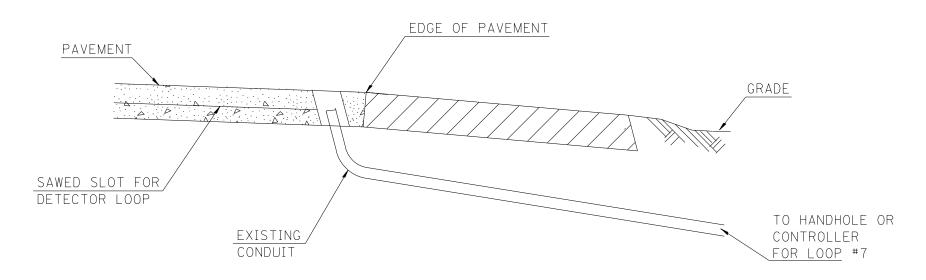
TYPICAL APPLICATION FOR BI-DIRECTIONAL TURN LANE WITH RAISED REFLECTIVE PAVEMENT MARKERS

DETAIL 'D'



DETAIL FOR CHEVRON ANGLES

NOT TO SCALE RDWY TEXT 120



DETAIL A (NO SCALE) RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

- 1 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 2 REMOVE EXISTING CABLE TO HANDHOLE.
- 3 INSTALL LOOP LEAD-IN CONDUCTORS IN CONDUIT.
- 4 SPLICE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
- 5 FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING THE EXISTING CONDUIT DURING CONSTRUCTION. SHOULD ANY DAMAGE TO THE CONDUIT OCCUR DUE TO THE OPERATIONS, REPAIR SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND WILL BE DONE AT THE CONTRACTOR'S EXPENSE.

SCALE:

USER NAME = prestonme	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 19.8999 / in.	CHECKED -	REVISED -
PLOT DATE = 1/26/2021	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

		DET	F.A.P. SECTION					
SCHEDULE OF QUANTITIES AND DETAIL							64RS-4	
	SHEET	OF	SHEETS	STA.	TO STA.		ILLING	DIS

CONTRACT NO. 76L09

ST. CLAIR 52 35

SEE DETAIL A ,9X,9 ,9X,9 SEE DETAIL A SEE DETAIL A SEE DETAIL A SEE & DETAIL Rte, Mississippi AVENUE (8th St.)]/ 2036 0 Q 2034 2035 SEE DETAIL A USER NAME = prestonme DESIGNED REVISED STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DRAWN REVISED CHECKED REVISED

PLOT DATE = 5/13/2020

DATE

REVISED

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 AND 8TH STREET

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (MH)	CALCULATED RESISTANCE OHMS (\Omega)
1. SB CCO & 8S-1	2	6′ X 6′	7	496.1	3.4
2. SB CCO & 8S-2	2	6′ X 6′	7	498.9	3.4
3. SB LT CD	5	6′ X 50′ Q	3-6-3	829.9	2.6
4. NB CCO 1	6	6′ X 6′	7	515.7	3.8
5. NB CCO 2	6	6′ X 6′	7	518.4	3.9
6. SW CCO	4	6′ X 20′	6	525.6	1.1
7. SW LT 1	4	6′ X 50′ Q	3-6-3	815.3	2.3
8. SW LT 2	4	6′ X 50′ Q	3-6-3	812.2	2.2
9. SW RT CD	4	6′ X 40′ Q	3-6-3	808.2	2.1
8N-1	SSM	6′ X 6′	7	468.8	2.8
8N-2	SSM	6′ X 6′	7	466.1	2.7

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

SSM=SYSTEM & SPEED MONITOR

DETECTOR LOOP REPLACEMENT PLAN IL 3 AND 8TH STREET							F.A.P. RTE	F.A.P. SECTION						
							312	64F	RS-4		ST. CLAIR	52	36	
IL 3 AND OIL SINELL											CONTRACT	NO. 70	6L09	
	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED AID				D PROJECT		

SEE DETAIL A SEE DETAIL A STA. 62+80 USER NAME = prestonme DESIGNED -REVISED DRAWN REVISED CHECKED REVISED PLOT DATE = 5/22/2020 DATE REVISED

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 AT STA. 62+80

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (4H)	CALCULATED RESISTANCE OHMS (\Omega)
7S-1	SSM	6′ X 6′	8	726.9	5
75-2	SSM	6′ X 6′	8	726.9	5
7S-3	SSM	6′ X 6′	8	726.9	5
75-4	SSM	6′ X 6′	8	726.9	5
7N-1	SSM	6′ X 6′	8	726.9	5
7N-2	SSM	6′ X 6′	8	726.9	5
7N-3	SSM	6′ X 6′	8	726.9	5
7N-4	SSM	6′ X 6′	8	726.9	5

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

SSM=SYSTEM & SPEED MONITOR

STATE OF ILLINOIS

DETECTOR LOOP REPLACEMENT PLAN FOR IL 3 AT STA. 62 + 80 OF SHEETS STA. TO STA.

SECTION ST. CLAIR 52 37

CONTRACT NO. 76L09 64RS-4

DEPARTMENT OF TRANSPORTATION

3 2 SEE DETAIL A 1034 1032 ---6 x 100 -----} }----6 x 100-MONSANTO AVENUE d 1028 SEE DETAIL A 8 9 10 1030

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 AND MONSANTO AVENUE

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (4H)	CALCULATED RESISTANCE OHMS (\Omega)
1. SB LT CD	5	6′ X 50′Q	3-6-3	840.8	2.8
2. SB THRU CD 1	2	6′ X 50′Q	3-6-3	838.1	2.8
3. SB THRU CD 2	2	6′ X 50′Q	3-6-3	835.5	2.7
4. SB RT CD	NA				
5. EB LT CD	NA				
6. EB THRU CD	NA				
7. EB RT CD	NA				
8. NB LT THRU CD	1	6′ X 50′Q	3-6-3	806.2	2.5
9. NB THRU CD 1	6	6′ X 50′Q	3-6-3	803.4	2.0
10. NB THRU CD 2	6	6′ X 50′Q	3-6-3	800.7	1.9
11. NB RT CD	NA				
12. WB LT CD	NA				
13. WB THRU CD	NA				
14. WB RT CD	NA				

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

SSM=SYSTEM & SPEED MONITOR

USER NAME = prestonme	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 19.8999 / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2020	DATE -	REVISED -

DETECT	OR LOO	P REPLA	CEME	NT PLAN	
FOR I	. 3 AND	MONSA	NTO	AVENUE	
SHEET	OF	SHEETS	STA		TO STA.

SEE DETAIL A 10 6' × 50'9 SEE DETAIL A (MISSISSIPPI TS 3143 TS 3147 4 TS 3144 QUEENY AVENUE COMM. ENT. TS 3145 TS 3146 SEE DETAIL A SEE DETAIL A USER NAME = prestonme DESIGNED -REVISED STATE OF ILLINOIS DRAWN REVISED **DEPARTMENT OF TRANSPORTATION** CHECKED REVISED PLOT DATE = 5/13/2020 REVISED

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 AND QUEENY AVENUE

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (4H)	CALCULATED RESISTANCE OHMS (\Omega)
1. NB CCO 1	6	6′ X 6′	6	378.0	3.2
2. NB CCO 2	6	6′ X 6′	6	375.6	3.1
3. NB LT CD	1	6′ X 50′Q	3-6-3	913.5	4.5
4. WB LT CD	NA				
5. WB THRU CD	NA				
6. WB RT CD	NA				
7. SB CCO 1	2	6′ X 6′	6	371.8	3.0
8. SB CCO 2	2	6′ X 6′	6	369.4	3.0
9. SB THRU CD 1	2	6′ X 50′Q	3-6-3	834.6	2.7
10. SB THRU CD 2	2	6′ X 50′Q	3-6-3	834.6	2.7
11. EB THRU CD	NA				

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

SSM=SYSTEM & SPEED MONITOR

DETECTOR LOOP REPLACEMENT PLAN					F.A.P. RTE	SECTION	V COUN		TOTAL SHEETS	SHEET NO.	
FOR IL 3 AND QUEENY AVENUE					312	64RS-4		ST. CLAIR	52	39	
FUR IL 3 AIND QUEEINT AVEINDE								CONTRACT	NO. 76	5L09	
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOI	IS FED. A	ID PROJECT		

SEE DETAIL A \vdash S 0 375' 127+73.00 (IL RT3 3 /1750+12.16 JEROME LANE SEE DETAIL A 13 L ¢ JEROME LANE Д 36′ Д SEE DETAIL A BAR (MISSISSIPPI STOP 0 375′ USER NAME = prestonme DESIGNED -REVISED DRAWN REVISED CHECKED REVISED PLOT DATE = 5/13/2020 DATE REVISED

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 AND JEROME LANE

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (MH)	CALCULATED RESISTANCE OHMS (\Omega)
1. NB CCO 1	6	6′ X 6′	6	348.1	2.5
2. NB CCO 2	6	6′ X 6′	6	345.2	2.4
3. WB LT CD	NA				
4. WB RT CD	NA				
5N-1	SSM	6′ X 6′	7	522.3	4.0
5N-2	SSM	6′ X 6′	7	519.5	3.9
5N-3	SSM	6′ X 6′	7	522.3	4.0
5N-4	SSM	6′ X 6′	7	519.5	3.9
5S-1	SSM	6′ X 6′	7	504.4	3.6
5S-2	SSM	6′ X 6′	7	502.2	3.5
5S-3	SSM	6′ X 6′	7	504.4	3.6
5S-4	SSM	6′ X 6′	7	502.2	3.5
13. SB LT CD 1	2	6′ X 50′Q	3-6-3	838.5	3-6-3
14. SB TLT CD 2	2	6′ X 50′Q	3-6-3	838.5	3-6-3

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

SSM=SYSTEM & SPEED MONITOR

SECTION DETECTOR LOOP REPLACEMENT PLAN 64RS-4 FOR IL 3 AND JEROME LANE OF SHEETS STA. TO STA.

ST. CLAIR 52 40

CONTRACT NO. 76L09

DEPARTMENT OF TRANSPORTATION

SEE DETAIL A SEE DETAIL A \Diamond SEE DETAIL A 40′ 1624 SEE DETAIL A USER NAME = prestonme DESIGNED -REVISED DRAWN REVISED CHECKED REVISED

PLOT DATE = 1/26/2021

DATE

REVISED

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 AND IL 157

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (MH)	CALCULATED RESISTANCE OHMS (\Omega)
1. NB CCO 1&2N-1	6	6′ X 6′	7	501.2	3.5
2. NB CCO 2&2N-2	6	6′ X 6′	7	498.6	3.4
3. WB CCO 1	4	6′ X 6′	5	231.3	1.7
4. WB CCO 2	4	6′ X 6′	5	228.0	1.6
5. WB LT CD 1	4	6′ X 50′Q	3-6-3	813.0	2.2
6. WB LT CD 2	4	6' X 50°0	3-6-3	810.8	2.2
7. WB RT CD 1	4	6' X 50'Q	3-6-3	801.2	1.9
8. WB RT CD 4	4	6′ X 50′Q	3-6-3	801.8	2.0
9. WB RT CD 3	4	6′ X 50′Q	3-6-3	797.9	1.9
10. WB RT CD 4	4	6′ X 50′Q	3-6-3	798.1	1.9
4N-1	SSM	6′ X 6′	7	517.8	3.9
4N-2	SSM	6′ X 6′	7	515.0	3.8
13. SB LT CCO	5	6′ X 6′	7	447.4	2.3
14. SB CCO 1	2	6′ X 6′	7	493.0	3.3
15. SB CCO 2	2	6′ X 6′	7	490.7	3.3
16. SB LT CD 1	5	6′ X 50′Q	3-6-3	821.9	2.4
17. SB LT CD 2	5	6′ X 50′Q	3-6-3	821.9	2.4

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

SSM=SYSTEM & SPEED MONITOR

DETECTOR LOOP REPLACEMENT PLAN		PLAN	F.A.P. RTE	SECTION		COUNTY	TOTAL SHEETS			
FOR IL 3 AND IL 157				312	64RS-4		ST. CLAIR	52	41	
	I OII IL	3 AND	IL 13/					CONTRACT	NO. 70	5L09
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. A	ID PROJECT		

SEE DETAIL A SEE DETAIL A TS 3128 TS 3129 __TS 3130 TS 3133 6%.6′ *(__)* ✓¬> TS 3131 TS 3132 SEE DETAIL A SEE DETAIL A USER NAME = prestonme DESIGNED -REVISED STATE OF ILLINOIS DRAWN REVISED **DEPARTMENT OF TRANSPORTATION** CHECKED REVISED PLOT DATE = 5/13/2020 DATE REVISED

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 AND WATER STREET

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (MH)	CALCULATED RESISTANCE OHMS (\Omega)
1N-1	SSM	6′ X 6′	7	503.9	3.6
1N-2	SSM	6′ X 6′	7	501.4	3.5
3. NB LT CD 1	1	6′ X 50′Q	3-6-3	827.6	2.5
4. NB LT CD 2	1	6′ X 50′Q	3-6-3	827.6	2.5
5. WB THRU-LT CD	NA				
6. SB CCO 1	2	6′ X 6′	7	465.0	2.7
7. SB CCO 2	2	6′ X 6′	7	462.6	2.6
8. SB LT CD 1	5	6′ X 50′Q	3-6-3	815.4	2.3
9. SB LT CD 2	5	6′ X 50′Q	3-6-3	815.4	2.3
10. NE CCO	NA				
11. EB THRU-LT CD	NA				
12. EB RT CD 1	NA				
13. EB RT CD 2	NA				

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

SSM=SYSTEM & SPEED MONITOR

ST. CLAIR 52 42

CONTRACT NO. 76L09

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

SECTION

CONTRACT NO. 76L09

DETAILS

LOCATION MISC WORK

SHEET 1 OF 1 SHEETS STA.

REVISED

REVISED

REVISED

DRAWN

CHECKED

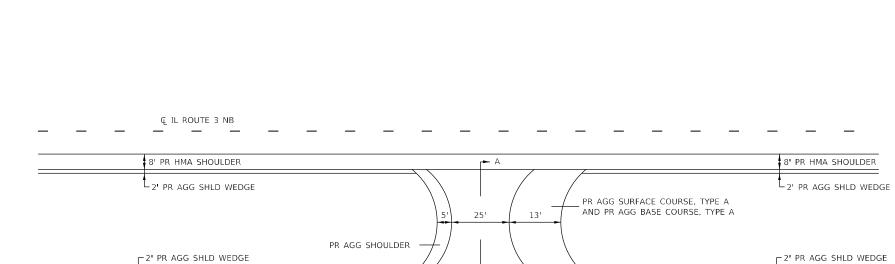
LOT SCALE = 100.0000 / in.



SECTION A-A

8' PR HMA SHOULDER

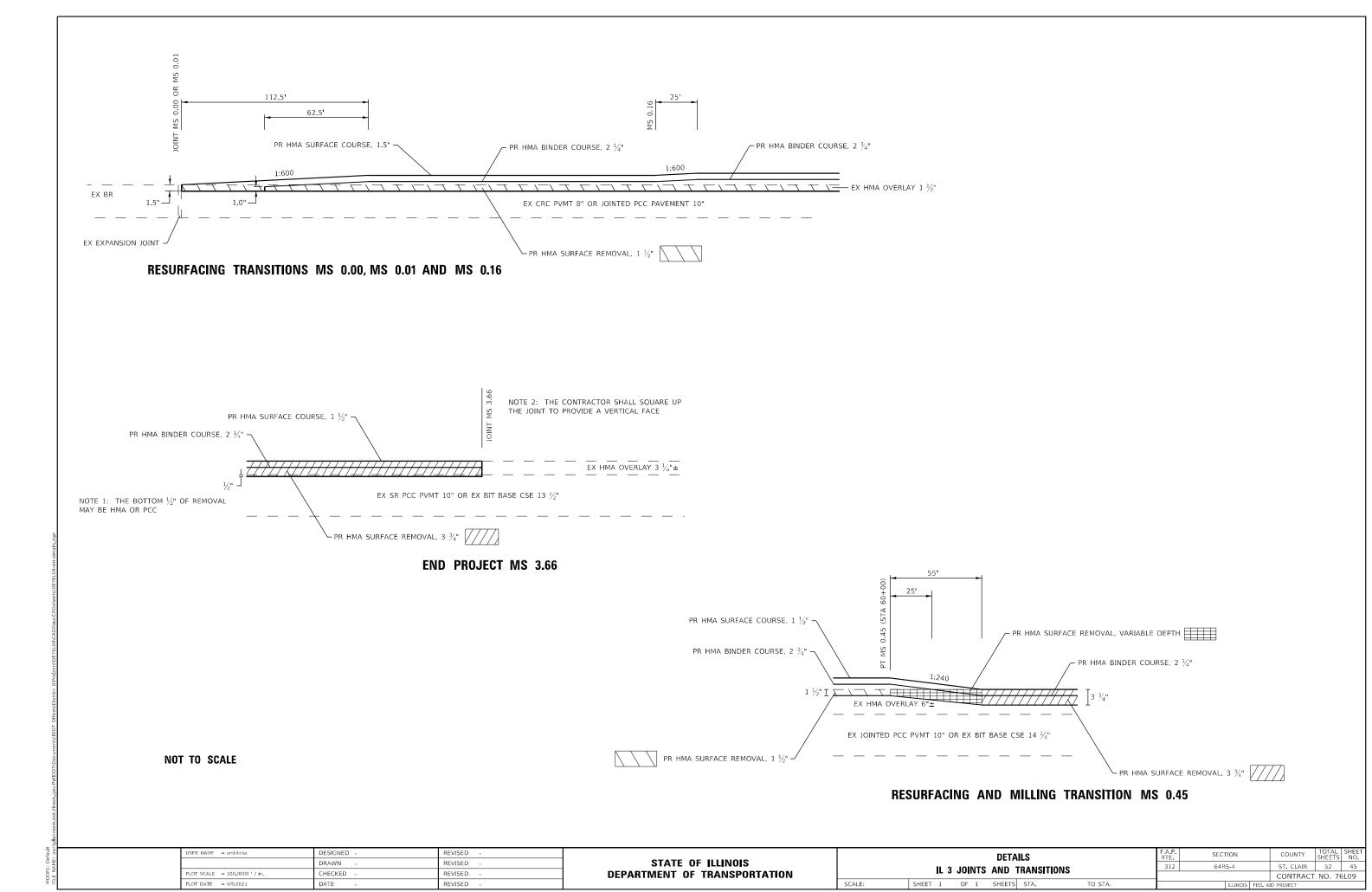
€ IL ROUTE 3 SB

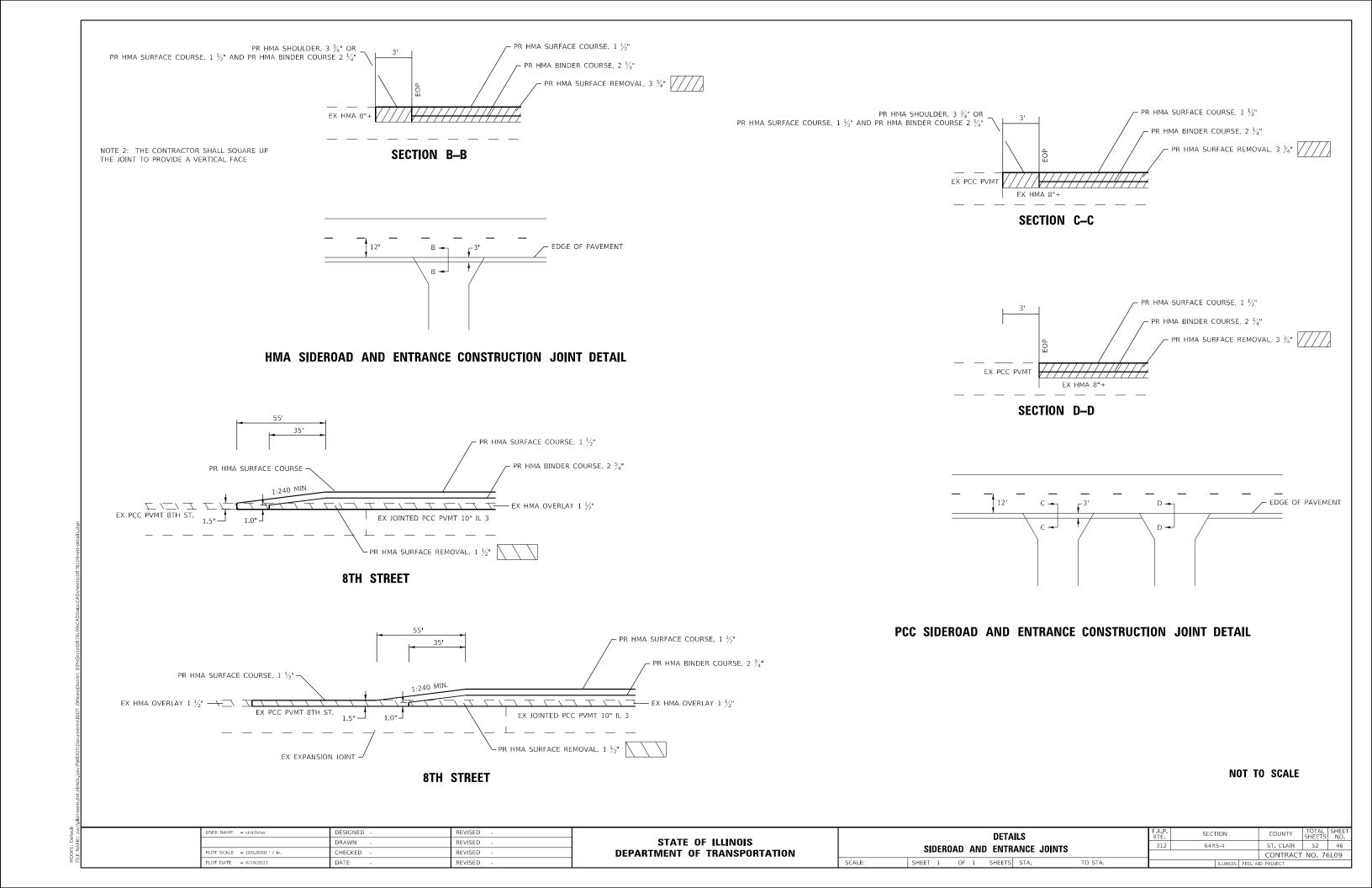


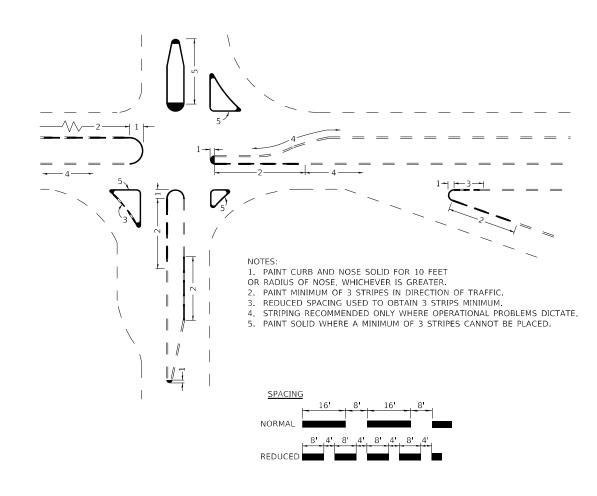
MEDIAN CROSSOVER PAVING DETAIL

USER NAME = smithma	DESIGNED -	REVISED -		DETAILS F.A		F.A.P.	SECTION	COUNTY	TOTAL	SHEET					
	DRAWN -	REVISED -	STATE OF ILLINOIS								312	64RS-4	ST. CLAIR	52	44
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			IV	MEDIAN	CKU	SSOVER				CONTRACT	Г NO. 7	6L09
PLOT DATE = 3/23/2021	DATE -	REVISED -		SCALE:	SHEET 1	OF	F 1 SH	HEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		

8' PR HMA SHOULDER





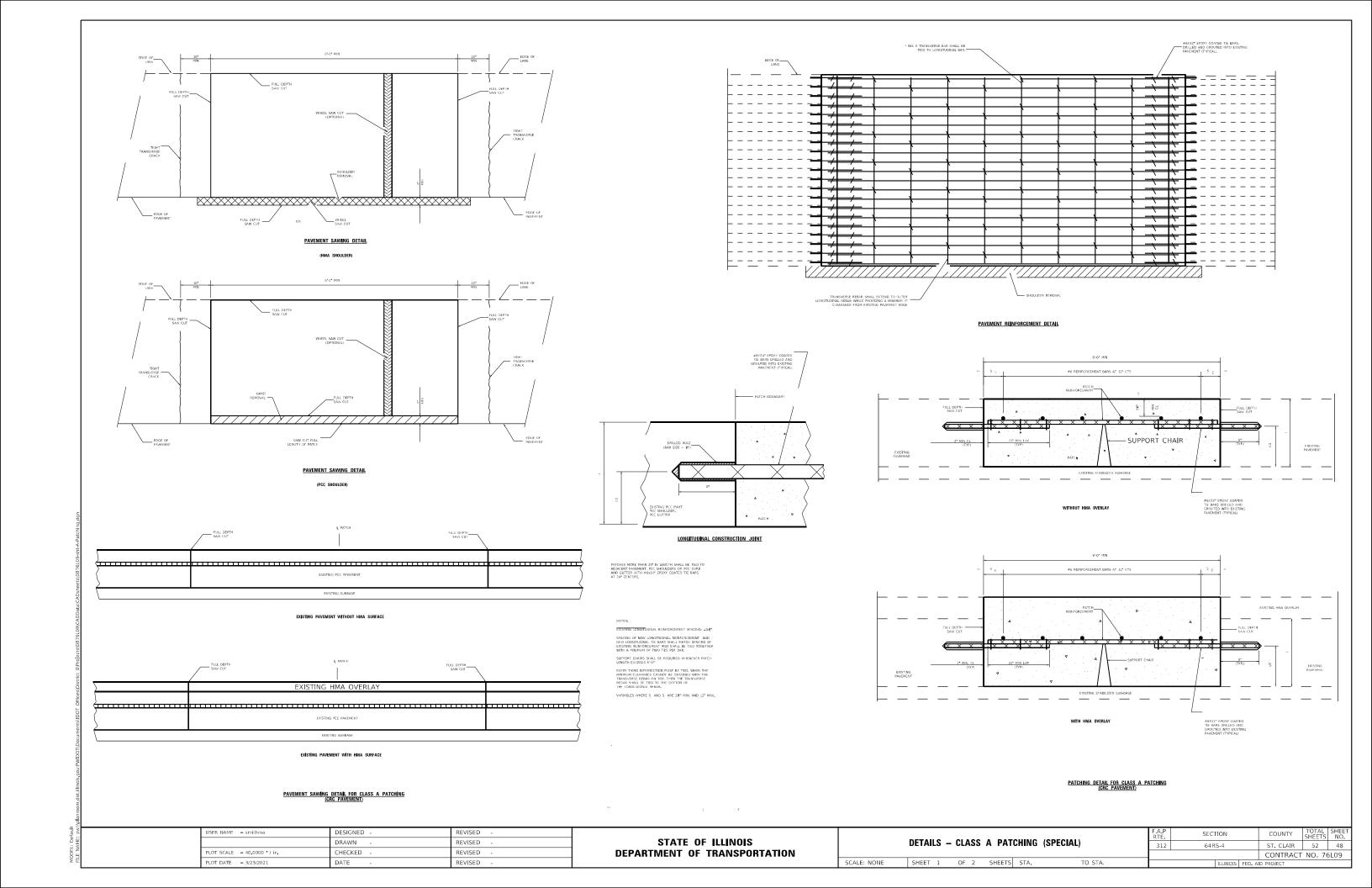


CURB MARKING

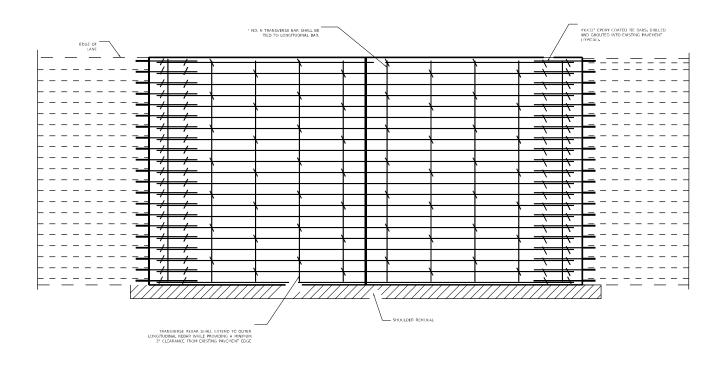
NOT TO SCALE

DESIGNED -REVISED SECTION **DETAILS** ST. CLAIR 52 47 STATE OF ILLINOIS DRAWN REVISED 64RS-4 CURB MARKING DETAIL **DEPARTMENT OF TRANSPORTATION** CHECKED REVISED CONTRACT NO. 76L09 DATE SHEET 1 OF 1 SHEETS STA.

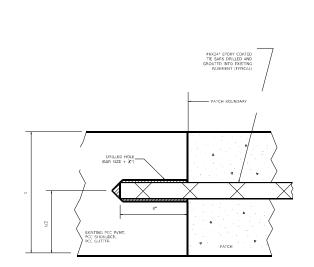
MODEL: Default



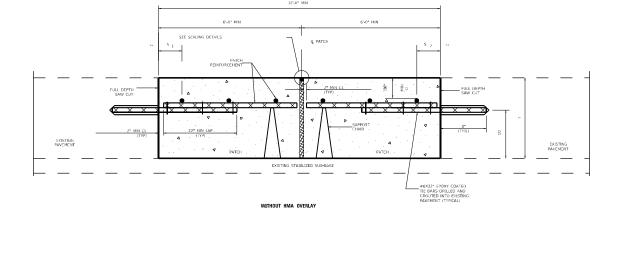


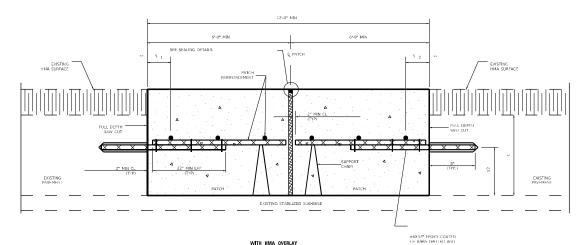


PAVEMENT REINFORCEMENT DETAIL



LONGITUDINAL CONSTRUCTION JOINT





CLASS A PATCH WITH EXPANSION JOINT

, , Д

EXISTING LONGITUDINAL REINFORCEMENT SPACING: =6 8". SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL THE HARS SHALL BE TIED TOGETHER EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6"-0"

VARIABLES WHERE S AND S ARE 2K" MIN, AND 12" MAX,

SEALING DETAIL

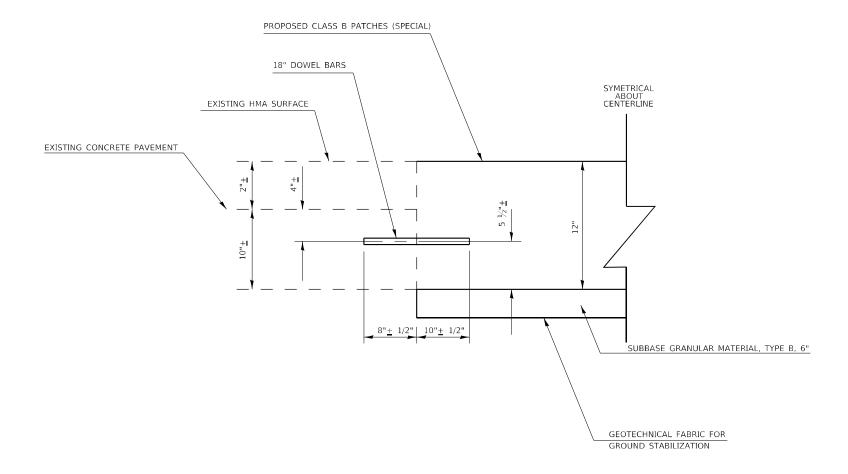
USER NAME = smithma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2021	DATE -	REVISED -

STATE	: OI	F ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

Δ

SEALING DETAIL

	F A P RTE SECTION			COUNTY	TOTAL SHEETS							
DETAILS — CLASS A PATCHING (SPECIAL)						312	64RS-4		ST. CLAIR	52	49	
										CONTRACT	NO. 76	5L09
SCALE: NONE	SHEET 2	OF 2	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		

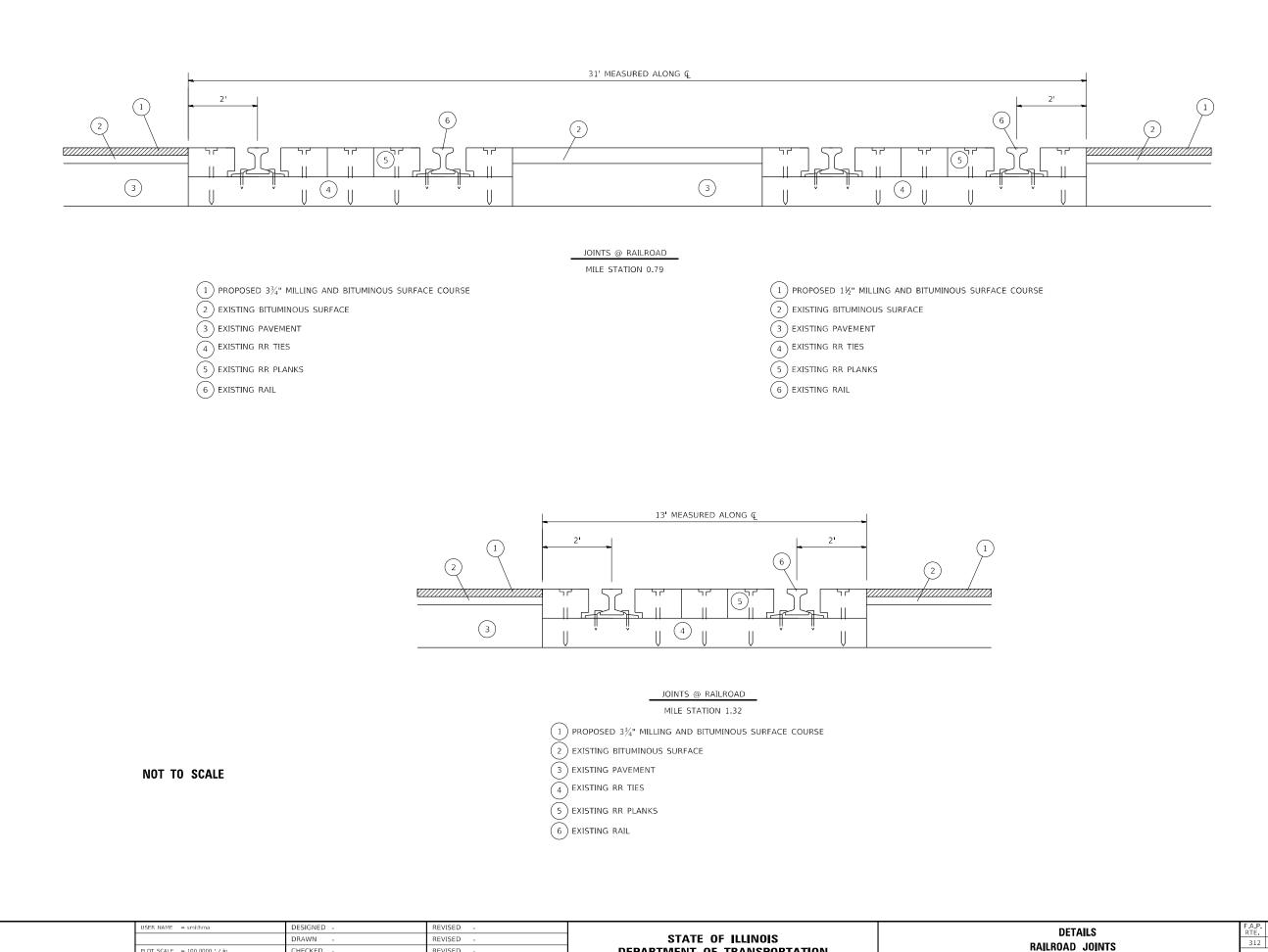


NOT TO SCALE

USER NAME = smithma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

						F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
CLASS B PATCHING (SPECIAL)							312	64RS-4	ST. CLAIR	52	50		
										CONTRACT	NO. 76	5L09	
ALE:	SHEET	1	OF	1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT					



DEPARTMENT OF TRANSPORTATION

SCALE:

SHEET 1 OF 1 SHEETS STA.

TO STA.

CHECKED

DATE

PLOT DATE = 3/23/2021

REVISED

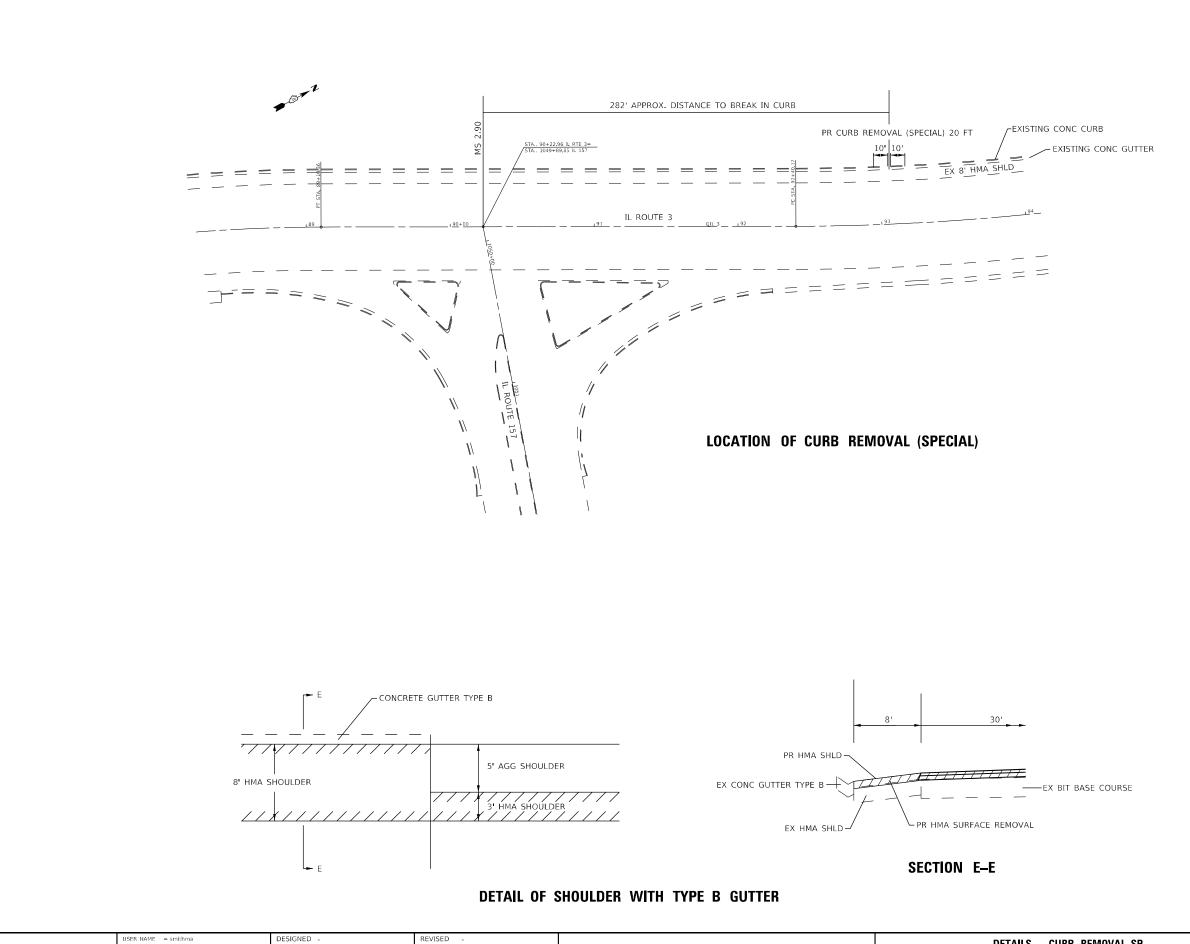
REVISED

SECTION

64RS-4

ST. CLAIR 52 51

CONTRACT NO. 76L09



DRAWN

CHECKED

PLOT SCALE = 100.0000 / in

REVISED

REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** DETAILS - CURB REMOVAL SP AND 8 FT SHOULDERS

SECTION ST. CLAIR 52 52 CONTRACT NO. 76L09

SHEET 1 OF 1 SHEETS STA.