06-11-2021 LETTING ITEM 036

#### INDEX OF SHEETS

- COVER SHEET
- GENERAL NOTES
- SUMMARY OF QUANTITIES
- TYPICAL SECTIONS
- SCHEDULES
  - TRAFFIC CONTROL AND PROTECTION, STANDARD 701400
- CLASS A PATCHING DETAILS
- PAVEMENT MARKING

#### **STANDARDS**

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 000001-08 001001-02 AREAS OF REINFORCEMENT BARS DECIMAL OF AN INCH AND OF A FOOT 001006 OFF-ROAD OPERATIONS. MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM 701101-05 701106-02 OFF-ROAD OPERATIONS. MULTILANE, MORE THAN 15' (4.5 m) AWAY 701401-12 LANE CLOSURE, FREEWAY/EXPRESSWAY 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS ≥ 45 MPH TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY 701428-01 TRAFFIC CONTROL DEVICES 701901-08

> **URBAN SECTION ENDS** M.M. 217.58

**URBAN SECTION BEGINS** 

M.M. 216.07

420001-09 PAVEMENT JOINTS 442001-04 CLASS A PATCHES

 $\circ$ 

780001-05

TYPICAL PAVEMENT MARKINGS

**IMPROVEMENT BEGINS** JUST SOUTH OF IL ROUTE 17 MILE MARKER 217.0 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.

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

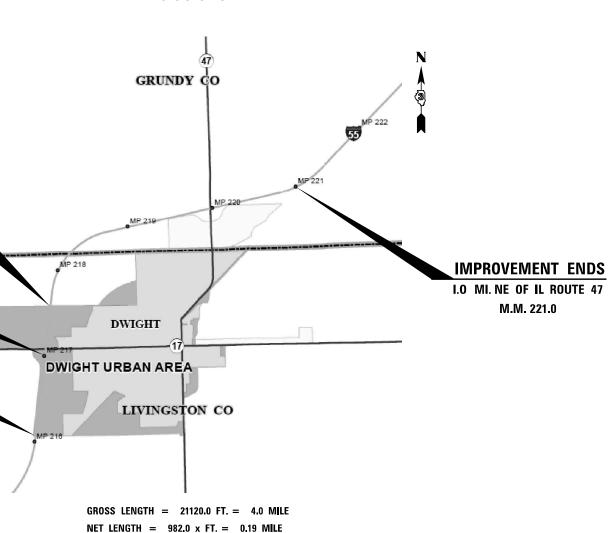
PROJECT ENGINEER: JOE KANNEL P.E. **UNIT CHIEF: RON WOODSHANK DISTRICT 3 NO. (815) 434-6131** CONTRACT NO. 66L76

# STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

# **PROPOSED HIGHWAY PLANS**

F.A.I. ROUTE 55 (I-55) **SECTION (53-1,32-3)PP CLASS A PATCHING** LIVINGSTON AND GRUNDY

C-93-075-21



LIVINGSTON & GRUNDY ILLINOIS CONTRACT NO. 66L76

#### D-93-040-21



#### **FUNCTIONAL CLASSIFICATION**

F.A.I. ROUTE 55 (I-55) 2019 ADT = 24800 P.V. 69.7% S.U. 3.7% M.U. 26.6%

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION 3/23 SUBMITTED Masood Ahmad

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

#### **GENERAL NOTES**

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK,

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

#### **COMMITMENTS**

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DISTRICT THREE

AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

PREPARED BY:

DATE:

DISTRICT STUDIES & PLANS ENGINEER

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

SCALE:

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

USER NAME = WOODSHANKRL	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 2/24/2021	DATE -	REVISED

STATE	0F	ILLINOIS
DEPARTMENT (	) F	TRANSPORTATION

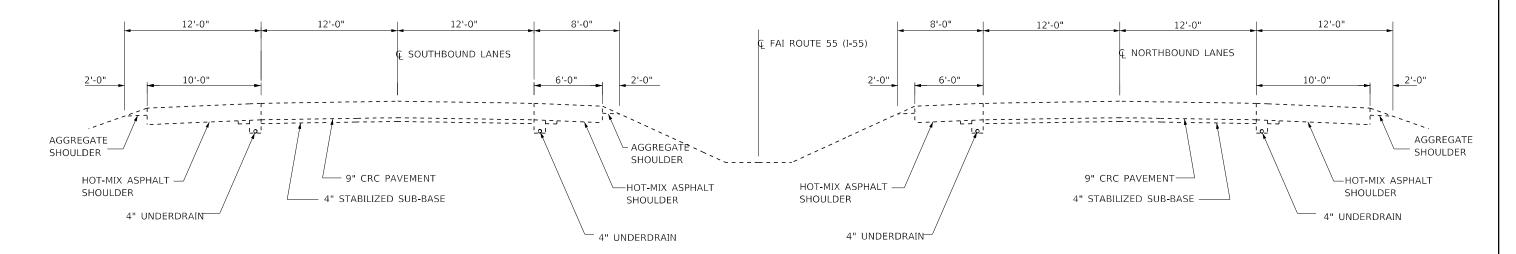
							F.A.I. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
		GE	:NE	RAL NO	TES		55	(53-1, 32-3)PP	LIVI	INGSTON & GRUNDY	11	2
									CO	NTRACT NO. 66L7	5	
SHEET 1 OF 1 SHEETS STA.		TO STA.			ILLINOIS	FED. AID PROJECT						

CONSTRUCTION CODE								
CON	TRACT MAINTENA	NCE						
	100% STATE							
LIVINGSTO	ON COUNTY	GRUNDY COUNT						
ROADWAY	ROADWAY	ROADWAY						

				ROADWAY	ROADWAY	ROADWAY
CODE			TOTAL	0006	0006	0006
NO.	I TEM	UNIT	QUANTITY	URBAN	RURAL	URBAN
44200541	CLASS A PATCHES, TYPE II, 9 INCH	SQ YD	688	69	51	568
44200545	CLASS A PATCHES, TYPE III, 9 INCH	SQ YD	216		20	196
44200547	CLASS A PATCHES, TYPE IV, 9 INCH	SQ YD	384	120		264
44213000	PATCHING REINFORCEMENT	SQ YD	1288	189	71	1028
44213200	SAW CUTS	FOOT	4282	572	250	3460
44213204	TIE BARS 3/4"	EACH	4665	556	528	3581
				-		
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.5
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	2		2
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.25	0.25	0.5
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	18	3	1	14
60 300 P 00000 JP 30000 JP		200 M W AMERICA				
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	42	21		21
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	952	142	40	770
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	273	53	20	200
		2000000				
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	8	4		4

<sup>\*=</sup> SPECIALTY ITEM

USER NAME = WOODSHANKRL	DESIGNED -	REVISED -				F.A.I RTE	SECTION	COUNTY	TOTAL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		SUMMARY OF QUANTITIES	55	(53-1, 32-3)PP	LIVINGSTON & GRUNDY	11 3
PLOT SCALE = 100,0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT NO. 66L76	6
PLOT DATE = 2/24/2021	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.		ILI	INOIS FED. AID PROJECT	



# TYPICAL SECTION MAINLINE M.M. 217.0 TO M.M. 221.0

 USER NAME
 = WOODSHANKRL
 DESIGNED
 REVISED

 DRAWN
 REVISED

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

 PLOT DATE
 = 2/24/2021
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

# PATCHING SCHEDULE - LIVINGSTON COUNTY URBAN - NORTHBOUND LANES

			F	PASSING	G LANE						RIVINO	G LANE		
		CLASS	A PAT	CHING	PATCHING	SAW	TIE		CLASS	A PAT	CHING	PATCHING	SAW	TIE
LOCATION	PATCH	TYPE	TYPE	TYPE	REINFORCEMENT	CUTS	BARS	PATCH	TYPE	TYPE	TYPE	REINFORCEMENT	CUTS	BARS
	LENGTH	ΙΙ	III	ΙV				LENGTH	ΙI	III	ΙV			
		9 "	9 "	9 "					9 "	9 "	9 "			
MILE MARKER	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH
217.0								6	8			8	36	44
217.0								20			27	27	64	50
217.0								6	8			8	36	44
217.1								10	13			13	44	44
217.2	6	8			8	36	44							
217.2	6	8			8	36	44							
217.2								6	8			8	36	44
217.4								6	8			8	36	44
217.4	6	8			8	36	44							
217.4								20			27	27	64	50
217.4								25			33	33	74	52
217.4								25			33	33	74	52
NBL SUBTOTAL	18	24			24	108	132	124	45		120	165	464	424
NBL TOTAL	142	69		120	189	572	556							

# PATCHING SCHEDULE - LIVINGSTON COUNTY

#### RURAL - SOUTHBOUND LANES

	PASSING LANE							DRIVING LANE							
		CLASS	A PAT	CHING	PATCHING	SAW	TIE		CLASS	A PAT	CHING	PATCHING	SAW	TIE	
LOCATION	PATCH	TYPE	TYPE	TYPE	REINFORCEMENT	CUTS	BARS	PATCH	TYPE	TYPE	TYPE	REINFORCEMENT	CUTS	BARS	
	LENGTH	ΙΙ	III	ΙV				LENGTH	ΙI	ΙΙΙ	ΙV				
		9 "	9 "	9 "					9 "	9 "	9 "				
MILE MARKER	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	
218.0							44	15		20		20	54	44	
217.9	6	8			8	36	44							44	
217.9							44							44	
217.8	8	11			11	40	44	8	11			11	40	44	
217.8							44	10	13			13	44	44	
217.7	6	8			8	36	44							44	
SBL SUBTOTAL	20	27			27	112	264	33	24	20		44	138	264	
SBL TOTAL	53	51	20		71	250	528			-					

SCHEDULES							F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
LIVINGSTON COUNTY					55	(53-1, 32-3)PP	LIV	INGSTON & GRUNDY	11	5		
		LIVI	uus	TON CC	JUNIT				CO	NTRACT NO. 66L7	5	
SHEET	1	OF	3	SHEETS	STA.	TO STA.		I	LLINOIS	FED. AID PROJECT		

# PATCHING SCHEDULE - GRUNDY COUNTY

### RURAL - NORTHBOUND LANES

LOCATION		CLASS	A DAT					DRIVING LANE						
	27-10 1000 10-100 20-20 IN AND	0 = 7 10 0	A PAI	CHING	PATCHING	SAW	TIE		CLASS	A PAT	CHING	PATCHING	SAW	TIE
	PATCH I	TYPE	TYPE	TYPF	REINFORCEMENT	CUTS	BARS	PATCH	TYPE	TYPE	TYPE	REINFORCEMENT	CUTS	BARS
	LENGTH	ΙΙ	III	ΙV				LENGTH	ΙΙ	III	IV			
l l'	LLINGTIII	1000	COLD 100 (100)					LLINGTH						
		9 "	9 "	9 "					9 "	9 "	9 "			
MILE MARKER	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH
218.2								6	8			8	36	44
218.3	-	0				2.6	4.4	6	8			8	36	44
218.4	6	8			<u> </u>	36 36	44							
218.5	8	11			11	40	44							
218.5	0	11				40	44	6	8			8	36	44
218.6	6	8			8	36	44						30	
218.7								15		20		20	54	44
218.7								8	11			11	40	44
218.8								18		24		24	60	44
218.9								10	13			13	44	44
219.9								10	13			13	44	44
218.9								30			40	40	84	54
219.0								20			27	27	64	50
219.1								6	8			8	36	44
219.3								6	8			8	36	44
219.4								6	8			8	36	44
219.7								8	11			11	40	44
219.7 219.7								6 8	8			8 11	36 40	44
219.7								15	1-1	20		20	54	44
219.7		-						10	13	20		13	44	44
219.8								6	8			8	36	44
219.9								18		24		24	60	44
220.0								10	13			13	44	44
220.0								6	8			8	36	44
220.1								20			27	27	64	50
220.2								6	8			8	36	44
220.2								20			27	27	64	50
220.2								15		20		20	54	44
220.3								20			27	27	64	50
220.3								25			33	33	74	52
220.6								6	8			8	36	44
220.7								20			27	27	64	50
220.7	6	8			8	36	44			20				
220.8								12	10	16		16	48	44
220.8								10	13	1.6		13	44	44
220.8								12	_	16		16	48	44
220.9 NBL SUBTOTAL	32	43			43	184	220	15 415	186	20 <b>160</b>	208	20 554	54 1646	15 <b>44</b>
NBL TOTAL	447	229	160	208	597	1830	1764	413	100	100	200	1 554	1040	1344

:\\planroom.dat.illinois.gov:PWIDOT\Documents\IDOT Offices\District 3\Projects

USER NAME = WOODSHANKRL	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 2/24/2021	DATE -	REVISED -

				SCI	HEDULES	S		F.A.I. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEE'
GRUNDY COUNTY								55	(53-1, 32-3)PP	LIVI	NGSTON & GRUNDY	11	6
			un	UIVI	000	1411				CO	NTRACT NO. 66L7	5	
SHEET 2 OF 3 SHEETS STA. TO STA.									I	LINOIS	FED. AID PROJECT		

# PATCHING SCHEDULE - GRUNDY COUNTY RURAL - SOUTHBOUND LANES

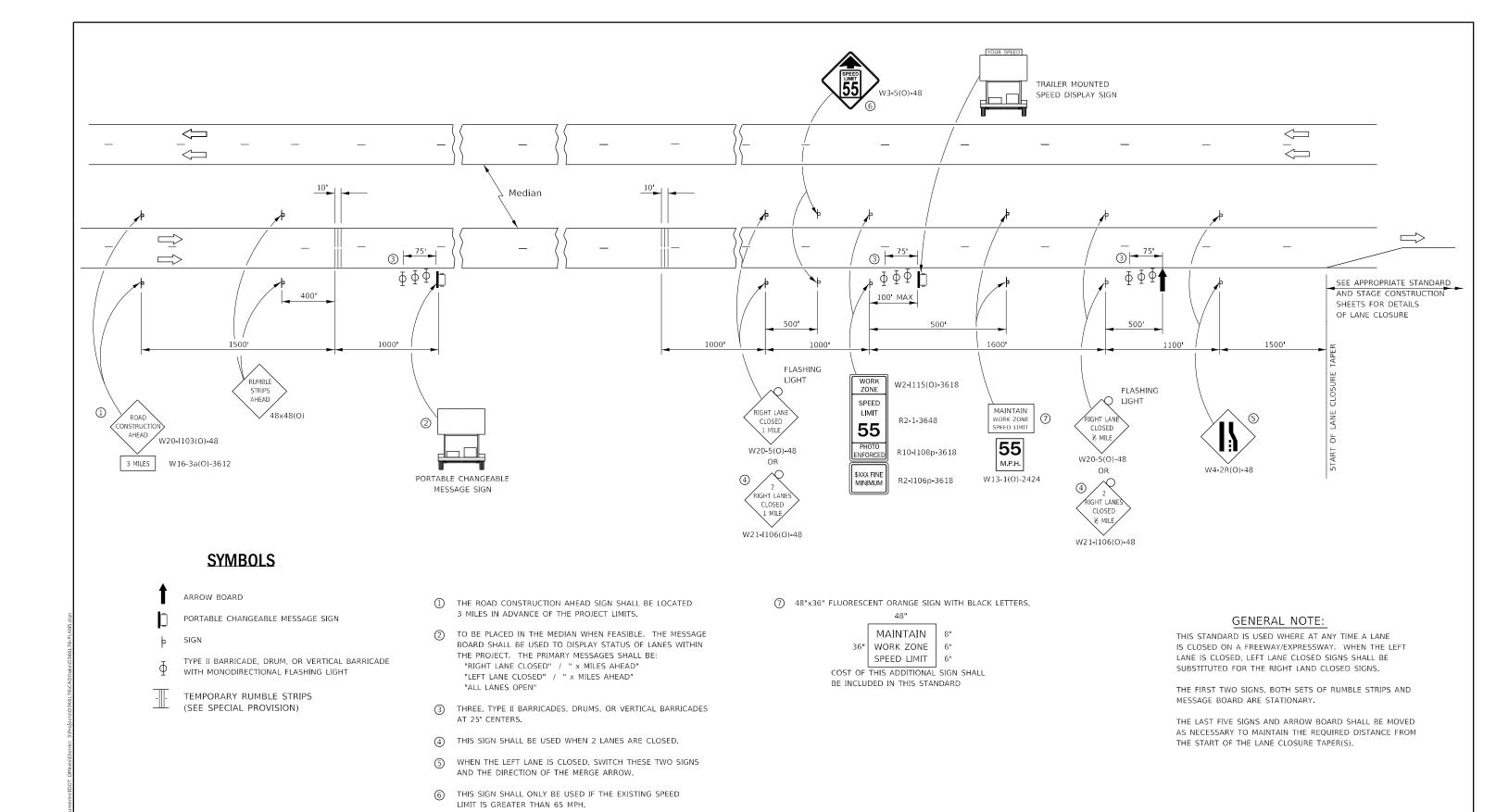
			F	PASSING	G LANE			DRIVING LANE							
		CLASS	A PAT	CHING	PATCHING	SAW	TIE		CLASS	A PAT	CHING	PATCHING	SAW	TIE	
LOCATION	РАТСН	TYPE	TYPE	TYPE	REINFORCEMENT	CUTS	BARS	РАТСН	TYPE	TYPE	TYPE	REINFORCEMENT	CUTS	BARS	
	LENGTH	11	III	ΙV	A THEORY OF THE RESIDENCE SHOULD SEE THE STATE STATE STATE SHOULD SECTION 5. NO.	1001001 BOTTON - 0011 STREAM		LENGTH	ΙΙ	III	ΙV	Sec. 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,	000 may 180 may 15 (5.0) 69	2.30 000 0000 100000	
	LLINGTII	9"	9"	9"				LENGTH	9"	9"	9"				
MALE MARKER	5557	-	-	=	50. VD	FOOT	FAGU				200	60. 1/2	FOOT	FAGU	
MILE MARKER 221.0	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	FEET 6	SQ YD 8	SQ YD	SQ YD	SQ YD	FOOT 36	EACH 44	
221.0								6	8			8	36	44	
221.0								6	8			8	36	44	
220.8	10	13			13	44	44					<u> </u>			
220.8								12		16		16	48	44	
220.6								8	11			11	40	44	
220.5								10	13			13	44	44	
220.5								6	8			8	36	44	
220.5								6	8			8	36	44	
220.2								6	8			8	36	44	
219.9								10	13			13	44	44	
219.8								6	8			8	36	44	
219.6 219.6								6	8			8	36 40	44	
219.6								8 6	8			11 8	36	44	
219.4								6	8			8	36	44	
219.3								22	0		29	29	68	51	
219.3								6	8		23	8	36	44	
219.2								6	8			8	36	44	
219.1								6	8			8	36	44	
219.0								8	11			11	40	44	
219.0								20			27	27	64	50	
219.0								6	8			8	36	44	
219.0								6	8			8	36	44	
218.9	15		20		20	54	44								
218.8								10	13			13	44	44	
218.8					,			6	8			8	36	44	
218.6								6	8			8	36	44	
218.5	6	8			8	36	44	0	6			0	36	44	
218.5	0	0			0	30	44	6	8			8	36	44	
218.5								8	11			11	40	44	
218.5	6	8			8	36	44						1,0		
218.3	8	11			11	40	44								
218.3								6	8			8	36	44	
218.3								6	8			8	36	44	
218.2	8	11			11	40	44								
218.1								10	13			13	44	44	
218.1								6	8			8	36	44	
218.1	-							6	8			8	36	44	
218.1	6	8	2.0		8	36	44	264	200	1.0	F.C.	252	1344	1500	
SBL SUBTOTAL	59 323	59 339	20 36	56	79 431	286 1630	308 1817	264	280	16	56	352	1344	1509	
SDL TOTAL	323	333		30	431	1030	101/								

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USER NAME = WOODSHANKRL	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 2/24/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

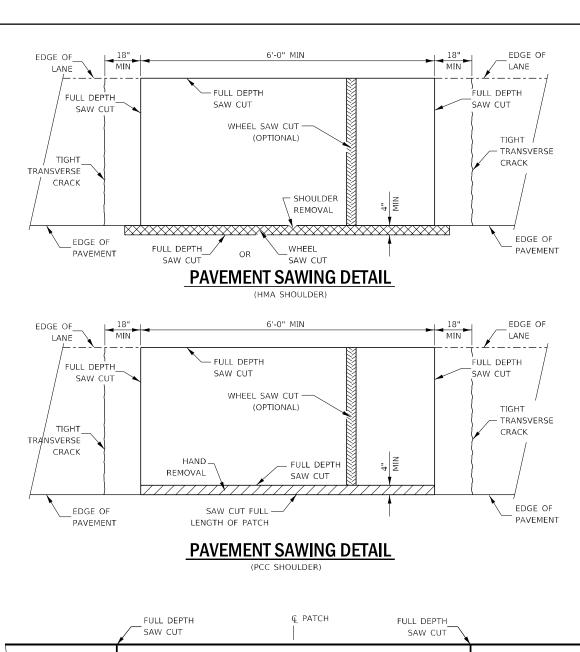
				SC	HEDULE	s	F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
GRUNDY COUNTY								55	(53-1, 32-3)PP	LIVINGSTON & GRUNDY	11	7
			UII	UIV	000	1411				CONTRACT NO. 66L76	5	
	SHEET	3	OF	3	SHEETS	STA.		ILI	INOIS FED. AID PROJECT			

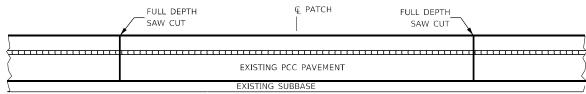


DRAWN         REVISED         -           PLOT SCALE         = 100,0000 ' / in.         CHECKED         -         REVISED         -
DRAWN - REVISED -
USER NAME = WOODSHANKRL DESIGNED - REVISED -

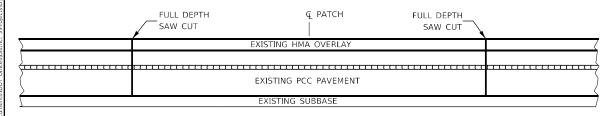
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	F.A.I. RTE			TOTAL SHEETS	SHEET NO.	
TRAFFIC CONTROL AND PROTECTION, STANDARD 701400	55	(53-1, 32-3)PP	LIVI	NGSTON & GRUNDY	11	8
			COI	NTRACT NO. 66L76	 5	
SHEET 1 OF 1 SHEETS STA. TO STA.		ILI	LINOIS	FED. AID PROJECT		



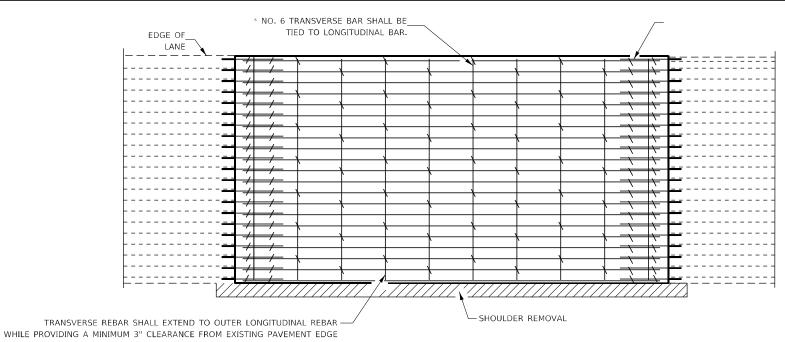


#### **EXISTING PAVEMENT WITHOUT HMA SURFACE**

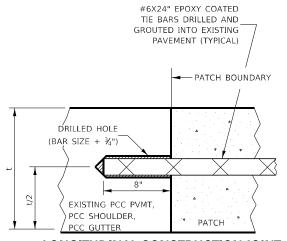


#### **EXISTING PAVEMENT WITH HMA SURFACE**

# PAVEMENT SAWING DETAIL FOR CLASS A PATCHING (CRC PAVEMENT)



### PAVEMENT REINFORCEMENT DETAIL



#### LONGITUDINAL CONSTRUCTION JOINT

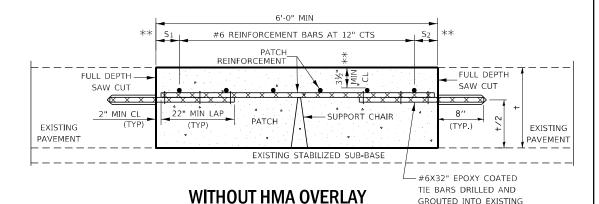
PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS

#### NOTES:

EXISTING #7 LONGITUDINAL REINFORCEMENT SPACING IS 7 1/4.

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR

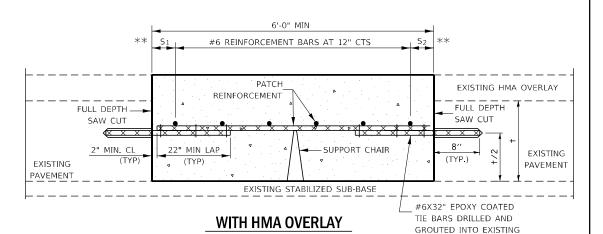
- \* EVERY THIRD INTERSECTION MUST BE TIED, WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.
- $^{**}$  variables where  $\mathsf{s}_1$  and  $\mathsf{s}_2$  are 2½" min. and 12" max.



GROUTED INTO EXISTING

PAVEMENT (TYPICAL)

PAVEMENT (TYPICAL)

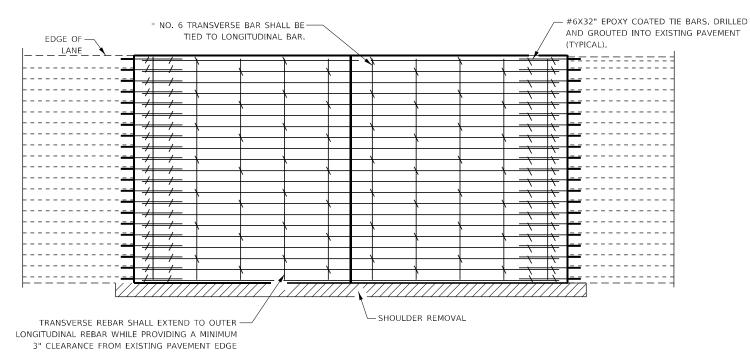


# PATCHING DETAIL FOR CLASS A PATCHING (CRC PAVEMENT)

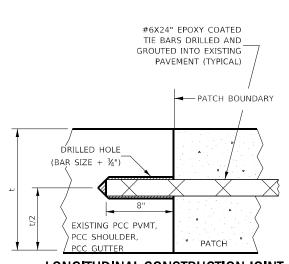
JSER NAME = WOODSHANKRL DESIGNED REVISED SECTION STATE OF ILLINOIS **SUMMARY OF QUANTITIES** DRAWN REVISED LIVINGSTON & GRUNDY 11 9 55 (53-1, 32-3)PP HECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 66L76 SHEET 1 OF 2 SHEETS STA. TO STA.

#### TRANSVERSE EXPANSION JOINTS

EXISTING PAVEMENT

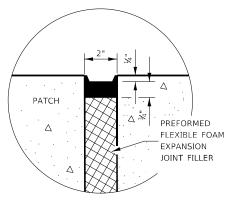


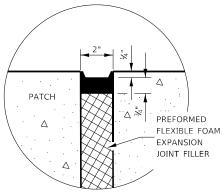
### PAVEMENT REINFORCEMENT DETAIL

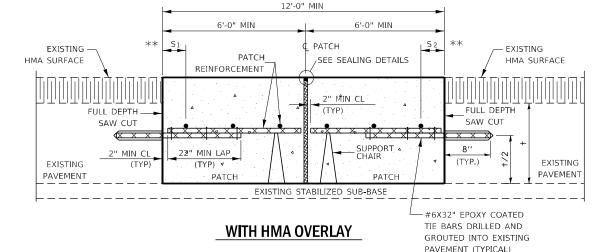


#### LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS.







6'-0" MIN

PATCH-

REINFORCEMENT

22" MIN LAP

4 '(TYP)

FULL DEPTH \_

SAW CUT

2" MIN CL

EXISTING

PAVEMENT

6'-0" MIN

SEE SEALING DETAILS

2" MIN CL

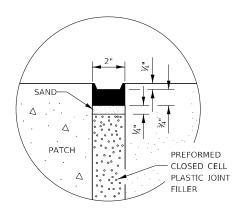
PATCH

EXISTING STABILIZED SUB-BASE

WITHOUT HMA OVERLAY

## **CLASS A PATCH WITH EXPANSION JOINT**

#### **SEALING DETAIL**



#### SEALING DETAIL

SCALE:

#### NOTES:

EXISTING LONGITUDINAL REINFORCEMENT SPACING; 4".

FULL DEPTH

SAW CUT

(TYP.)

#6X32" EPOXY COATED TIE BARS DRILLED AND

GROUTED INTO EXISTING PAVEMENT (TYPICAL)

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF 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"

st EVERY THIRD INTERSECTION MUST BE TIED. WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.

\*\* VARIABLES WHERE  $\rm S_1$  AND  $\rm S_2$  ARE 2½" MIN. AND 12" MAX.

USER NAME = WOODSHANKRL	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	İ
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	ĺ
PLOT DATE = 2/24/2021	DATE -	REVISED -	ĺ

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

								F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
									55	(53-1, 32-3)PP	LIVINGSTON & GRUNDY	11	10	
												CONTRACT NO. 66L7	5	
	CHEET	2	OE	~	CHEETC	CTA		TO CTA				BLOSC FEB. AID BROJECT		

