

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	13RS-8	JEFFERSON	17	1
		ILLINOIS	CONTRACT NO. 78840	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA - (2019 ADT)
IL 15 - 7,800 WITH 12.18% TRUCKS

POSTED SPEED LIMIT
45 MPH

TOWNSHIP
SHILOH

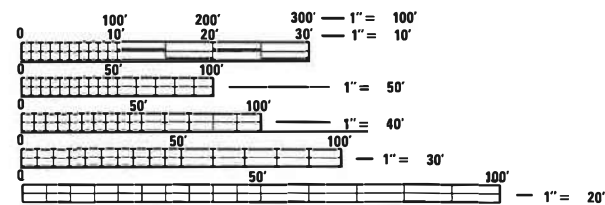
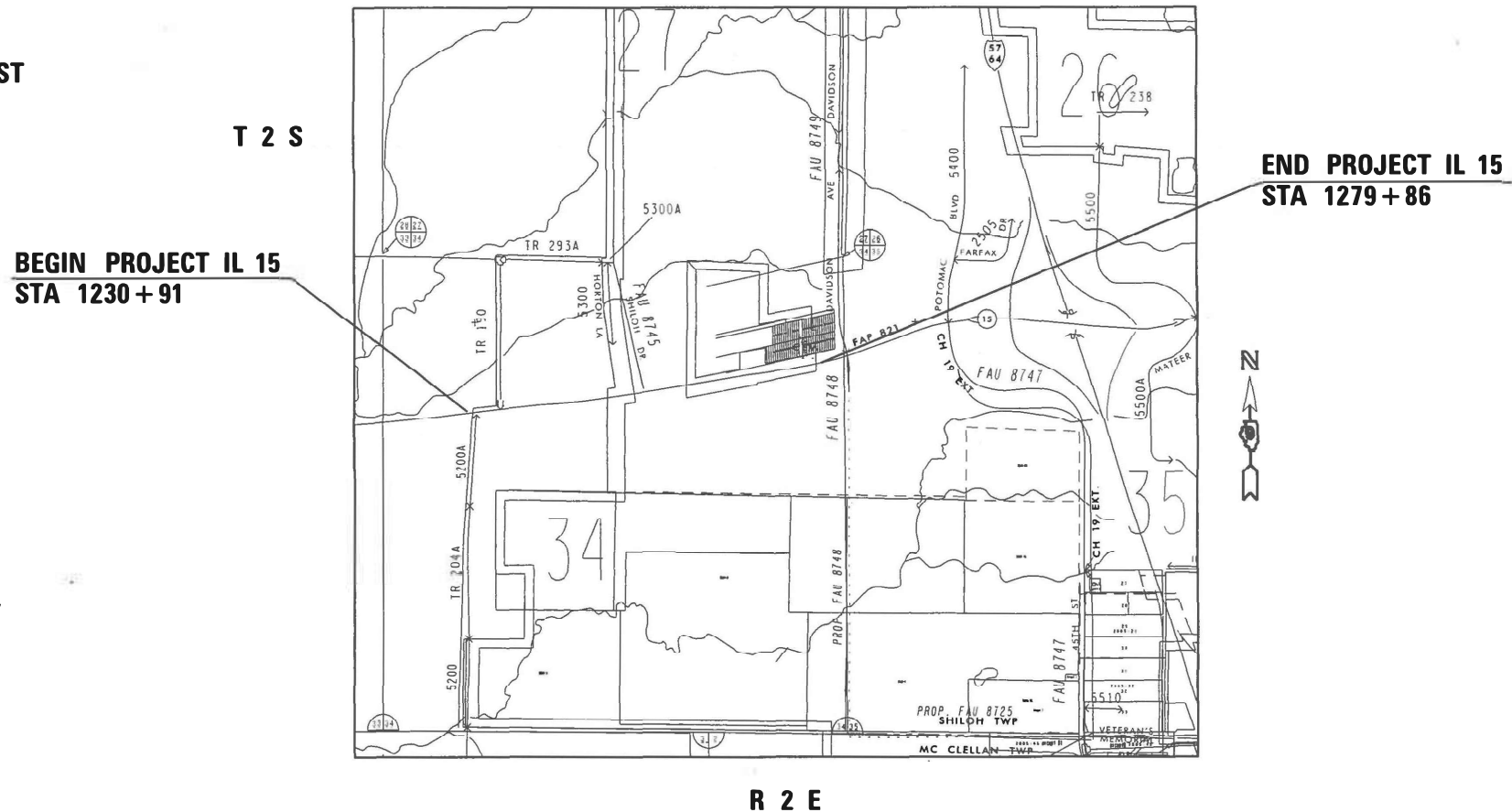
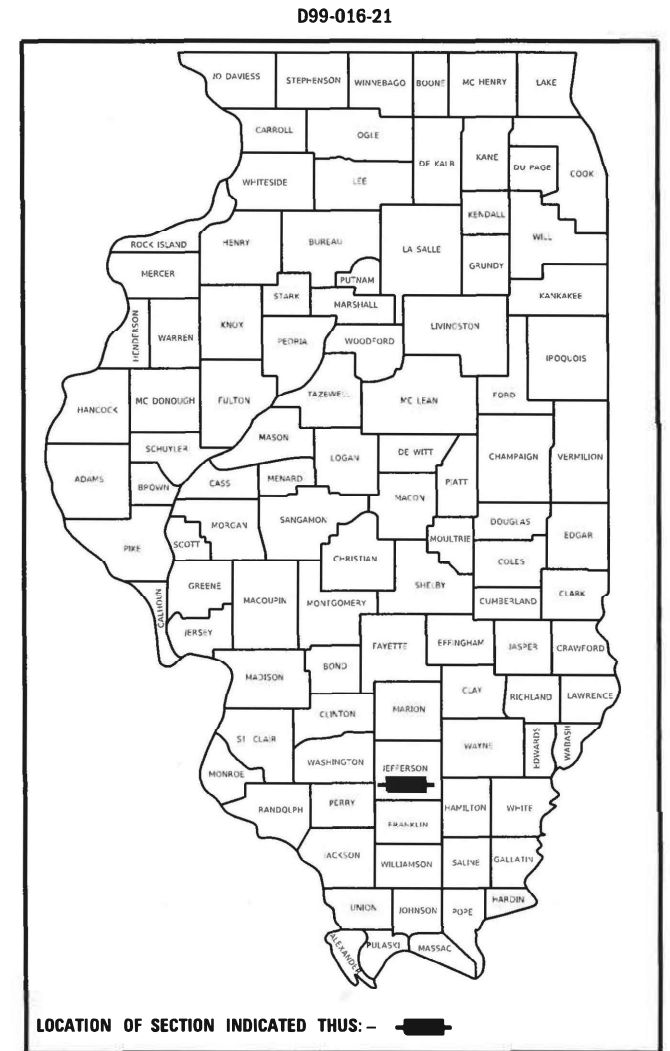
DESIGN DESIGNATION
8,791(21) MINOR ARTERIAL 3.24 (FD-21)

COORDINATE SYSTEM:
EPSG: 102671 - NAD 1983
STATE PLANE ILLINOIS EAST FIPS 1201 EAST

PROPOSED HIGHWAY PLANS

FAP ROUTE 821 (IL 15)
SECTION 13RS-8
PROJECT STP-B23R(280)
3P RESURFACING
JEFFERSON COUNTY

C-99-023-21



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: SUSAN POE
PROJECT MANAGER: NATHAN TAYLOR

CONTRACT NO. 78840

GROSS LENGTH = 4,895 FT. = 0.927 MILE
NET LENGTH = 4,895 FT. = 0.927 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 20 2021
Kerith Roberts REGIONAL ENGINEER

March 19, 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2021
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MDPL: Debaui
FILE NAME: \\p11lanetom:tdt\illinois.gov\PM\DOT\Document\511DOT - Offices\District 9\Projects\38840\CADD\AutoCAD\Sheet\38840_SMA_Cor_Sig_Plot.dgn

Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Lee
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Ann Nilsen
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Keel Kelly
DISTRICT OPERATIONS ENGINEER

Examined By: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Danay Zellner
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

USER NAME = TaylorND	DESIGNED - _____	REVISED - _____
DRAWN - _____	CHECKED - _____	REVISED - _____
PLOT SCALE = 2.0000' / in.	DATE - _____	REVISED - _____
PLOT DATE = 12/1/2020		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	13R5-8	JEFFERSON	17	2
CONTRACT NO. 78840				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

- ALL AGGREGATE 2.05 TONS/CU.YD.
- ALL HOT MIX ASPHALT 2.016 TONS/CU.YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED..

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE.

ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2 IN. MINIMUM DIAMETER EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAWCUT.

ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING. THE PROPOSED LIGHT POLE FOUNDATION SHALL BE FLUSH WITH FINAL SURFACE.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

COMMITMENTS: NONE

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS
4	MIX DESIGNS
5-7	SUMMARY OF QUANTITIES
8	TYPICAL SECTIONS: IL 15
9	RESURFACING SCHEDULE
10	TEMPORARY RAMP SCHEDULE
11	PAVEMENT MARKING SCHEDULE
12-15	PAVEMENT MARKING SHEETS
16-17	PAVEMENT DETAILS

LIST OF STANDARDS

- 000001-08_STANDARDSYMBOLSABBREVIATIONS&PATTERNS-001
- 001001-02_AREASOFREINFREBARS
- 001006_DECIMALOFINCH&FOOT
- 420001-09_PAVEMENTJOINTS
- 442201-03_CLASSC&DPATCHES
- 701001-02_OFFRDOP-2L2W-15FTMINFROMEOP
- 701006-05_OFFRDOP-2L2W-15FTTOEOP
- 701101-05_OFFRDOP-MULTILN-LESSTHAN15FTTOEOP
- 701106-02_OFFRDOP-MULTILN-MORETHAN15FTAWAY
- 701301-04_LNCLOSURE2L2W-SHORTTIMEOP
- 701426-09_LNCLOSUREMULTILN-INTERMITTANTORMOVINGOP45MPHORMORE
- 701501-06_URBANLNCLOSURE2L2W-UNDIVIDED
- 701502-09_URBANLNCLOSURE2L2WWITHBIDIRECTLEFTTURNLN
- 701602-10_URBANLNCLOSUREMULTILN2WWITHBIDIRECTLEFTTURNLN
- 701701-10_URBANLNCLOSUREMULTILNINTERSECTION
- 701901-08_TRAFCNTRLDEVICES
- 780001-05_TYPICALPVMTRKINGS
- 781001-04_TYPICALAPPRAISEDREFLCPVMTMRKRS
- 886001-01_DETECTORLOOPINSTALLATIONS
- 886006-01_TYPICALLAYOUTSFORDETECTIONLOOPS

MODIFIED: Defunct
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USER NAME = TaylorND PLOT SCALE = 2.0000' / in. PLOT DATE = 1/20/2021	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARDS	F.A.P. RTE: 821	SECTION 13RS-8	COUNTY JEFFERSON	TOTAL SHEETS 17	SHEET NO. 3
	DRAWN - _____	REVISED - _____			CONTRACT NO. 78840			ILLINOIS FED. AID PROJECT	
	CHECKED - _____	REVISED - _____		SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____			
	DATE - _____	REVISED - _____							

MIX DESIGN - SURFACE COURSE

LOCATIONS	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70
AB/PG:	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-9.5mm
FRICTION AGGREGATE:	D SURFACE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QCP
SUBLOT SIZE:	TBD

MIX DESIGN - BINDER

LOCATIONS	HOT-MIX ASPHALT BINDER COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER, N70, IL-9.5 FINE GRADED
AB/PG:	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-9.5 FG
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QCP
SUBLOT SIZE:	TBD

MIX DESIGN - SHOULDERS

LOCATIONS	HOT-MIX ASPHALT SHOULDERS
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, N30, IL-9.5L
AB/PG:	SBS PG64-22
ABR % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0%, 30 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-9.5L
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QCQA
SUBLOT SIZE:	NA

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 PROJECT: 78840-CA
 SHEET: 4
 CONTRACT NO. 78840

USER NAME = TaylorND	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MIX DESIGNS	F.A.P. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 2.0000' / in.	DRAWN - _____	REVISED - _____			821	13RS-8	JEFFERSON	17	4
PLOT DATE = 12/1/2020	CHECKED - _____	REVISED - _____			CONTRACT NO. 78840				
					ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	JEFFERSON CO
ROUTE:	FAP 821 (IL 15)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	URBAN
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	6	6
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,220	6,220
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,569	2,569
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	253	253
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	15,416	15,416
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	287	287
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	76	76
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	253	253
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15,416	15,416
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	287	287
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	76	76
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	296	296
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	296	296

REV. - MS

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PLOT SCALE = 2.0000' / in	DRAWN -	REVISED -
PLOT DATE = 1/20/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	13RS-8	JEFFERSON	17	6
CONTRACT NO. 78840			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES - CONT

COUNTY:	JEFFERSON CO
ROUTE:	FAP 821 (IL 15)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	URBAN
	ROADWAY
	0005

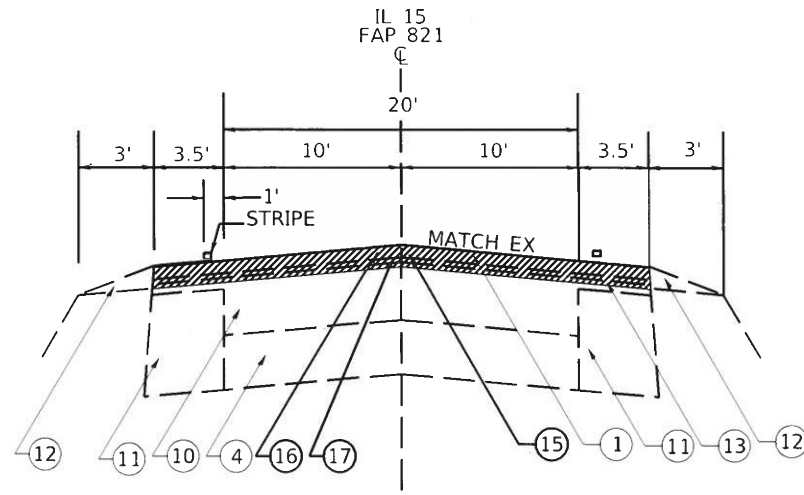
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	90	90
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	170	170
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	16,096	16,096
Z0034105	MATERIAL TRANSFER DEVICE	TON	4,286	4,286

* SPECIALTY ITEM

REV. - MS

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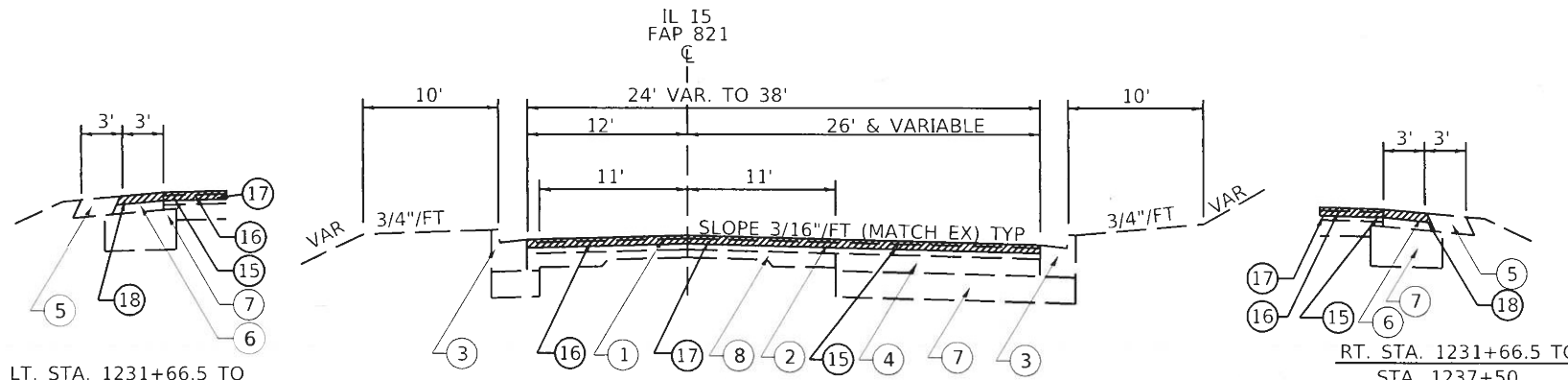
USER NAME = TaylorND DESIGNED = _____ DRAWN = _____ PLOT SCALE = 2 0000' / in. PLOT DATE = 1/11/2021	REVISED = _____ REVISED = _____ REVISED = _____ REVISED = _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____	F.A.P. RTE. 821 SECTION 13RS-8 COUNTY JEFFERSON TOTAL SHEETS 17 SHEET NO. 7 CONTRACT NO. 78840 ILLINOIS FED. AID PROJECT
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TO BE USED

STA. 1230+91.5 TO STA. 1231+66.5

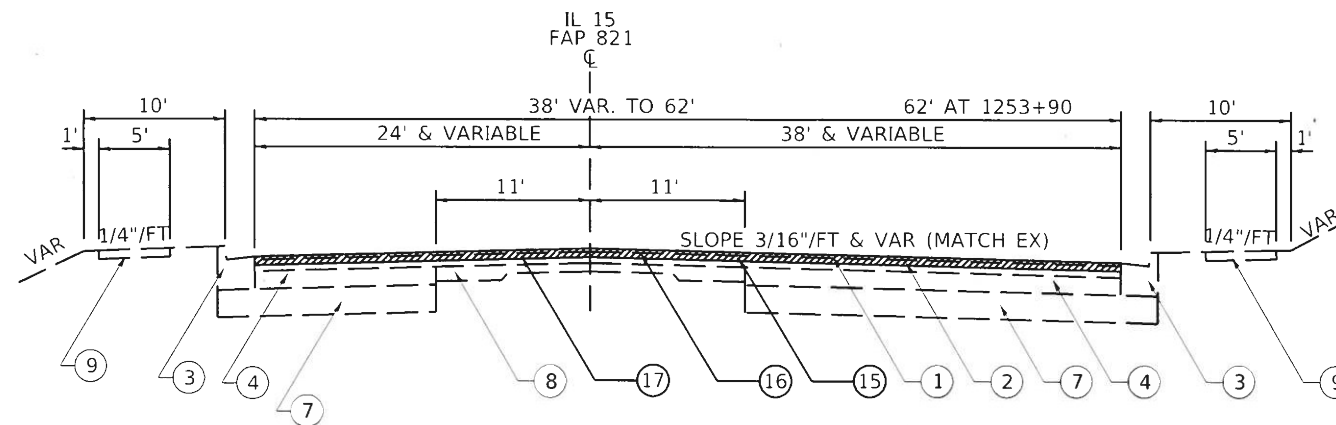
LONGITUDINAL JOINT SEALANT (Z0033700) - SHALL BE APPLIED UNDER THE SURFACE COURSE UNDER EACH LANE LINE



TO BE USED

STA. 1231+66.5 TO STA. 1247+90

LONGITUDINAL JOINT SEALANT (Z0033700) - SHALL BE APPLIED UNDER THE SURFACE COURSE UNDER EACH LANE LINE



TO BE USED

STA. 1247+90 TO STA. 1279+71

NOTE: SIDEWALK BEGINS LT & RT STA 1258+40 +/-

LONGITUDINAL JOINT SEALANT (Z0033700) - SHALL BE APPLIED UNDER THE SURFACE COURSE UNDER EACH LANE LINE

LEGEND

- ① BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, CLASS I, TYPE 2 1 1/2" (EXISTING)
- ② BITUMINOUS CONCRETE BINDER COURSE, TYPE 2 2 3/4" (EXISTING)
- ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (EXISTING)
- ④ PCC BASE COURSE, 7" (EXISTING)
- ⑤ AGGREGATE SHOULDERS, TYPE A 8" (EXISTING)
- ⑥ BITUMINOUS SHOULDERS, 8" (EXISTING)
- ⑦ LIME MODIFIED SOIL 12" (EXISTING)
- ⑧ EXISTING PAVEMENT
- ⑨ PCC SIDEWALK 4" (EXISTING)
- ⑩ HOT-MIX ASPHALT PAVEMENT, 7" (EXISTING)
- ⑪ CONCRETE BASE COURSE WIDENING, 10" (EXISTING)
- ⑫ AGGREGATE SHOULDER TYPE B (EXISTING)
- ⑬ HOT-MIX ASPHALT BINDER COURSE, 1/2" (EXISTING)
- ⑭ HOT-MIX ASPHALT LEVELING BINDER COURSE, 3/4" (EXISTING)
- ⑮ HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" (PROPOSED)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX "D" 70, 1 1/2" (PROPOSED)
- ⑰ HOT-MIX ASPHALT BINDER COURSE, N70, FINE GRADED, 1 1/4" (PROPOSED)
- ⑱ HOT-MIX ASPHALT SHOULDER, 2 3/4" (PROPOSED)

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 PLOT DATE: = 12/21/2020

USER NAME = TaylorND	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 821	SECTION 13RS-8	COUNTY JEFFERSON	TOTAL SHEETS 17	SHEET NO. 8
				CONTRACT NO. 78840
ILLINOIS FED. AID PROJECT				

F.A.P. 821 (IL 15) MAINLINE RESURFACING SCHEDULE

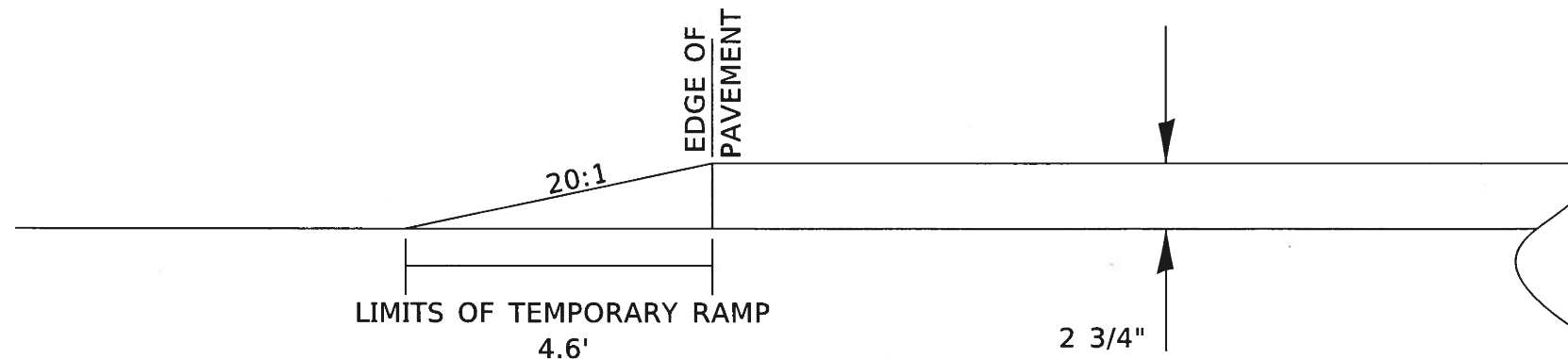
LOCATION STATION TO STATION	LENGTH	ROADWAY WIDTH	HMA SUR. REMOV.	HOT-MIX ASP. SUR. CSE., MIX D N70	HOT MIX ASPHALT BINDER COURSE, N70	HOT MIX ASPHALT SHOULDERS	BIT. MAT. (TACK COAT)	TEMPORARY RAMPS	NOTES		
	FOR INFORMATIONAL PURPOSE ONLY		(2 3/4")	(1 1/2")	(1 1/4")	(2 3/4")					
	(FT)	(FT)	(SQ YD)	(TON)	(TON)	(TON)	(LBS)	(SQ YD)			
MAINLINE: STA.1230+91.50 TO STA. 1280+60											
	1230+91.00	TO	1230+91.00	0	27	0	0	0	27		
LT	1230+91.00	TO	1231+66.50	76	13.5	113	10	8	76		
RT	1230+91.00	TO	1231+66.50	76	13.5	113	10	8	76		
LT	1231+66.50	TO	1233+95.00	229	12	305	26	22	206		
LT	1231+66.50	TO	1233+95.00	229	3	76		12	51	*SHOULDER WIDTH USED	
RT	1231+66.50	TO	1237+70.00	604	VAR	1,274	107	89	860	*VARIES FROM 12' TO 26'	
RT	1231+66.50	TO	1237+50.00	584	3	195		31	131	*SHOULDER WIDTH USED	
LT	1233+95.00	TO	1247+95.00	1,400	12	1,867	157	131	1,260		
RT	1237+70.00	TO	1247+95.00	1,025	26	2,961	249	207	1,999		
LT	1247+95.00	TO	1253+90.00	595	VAR	1,190	100	83	803	*VARIES FROM 12' TO 24'	
RT	1247+95.00	TO	1253+90.00	595	VAR	2,116	178	148	1,428	*VARIES FROM 26' TO 38'	
LT	1253+90.00	TO	1279+86.00	2,596	24	6,923	582	485	4,673		
RT	1253+90.00	TO	1279+86.00	2,596	38	10,961	921	767	7,399		
	1279+86.00	TO	1279+86.00	0	62	0	0	0	0	63	
MAINLINE TOTALS						28,093	2,338	1,948	43	18,963	91

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TEMPORARY RAMPS FOR SIDEROADS

LOCATION			LENGTH	TEMPORARY RAMP
F.A.P. 821 (IL 15)			FOOT	SQ YD
STATION	LT/RT	INTERSECTING STREET		
1238+20	RT	SPARROW LN	78	40
1241+00	LT	BLACKHAWK LN	75	38
1244+23	LT	COMMERCIAL ENTRANCE	50	26
1245+10	LT	COMMERCIAL ENTRANCE	49	25
1247+00	LT	COMMERCIAL ENTRANCE	47	24
1247+70	LT	COMMERCIAL ENTRANCE	48	25
1248+74	LT	COMMERCIAL ENTRANCE	55	28
1249+10	RT	COMMERCIAL ENTRANCE	28	14
1257+73.38	RT	NEON DRIVE	182	93
1257+73.39	LT	SHILOH DRIVE	200	102
1263+18	RT	COMMERCIAL ENTRANCE	73	37
1263+18	LT	COMMERCIAL ENTRANCE	122	62
1268+10	LT	COMMERCIAL ENTRANCE	65	33
1268+33	RT	COMMERCIAL ENTRANCE	84	43
1269+10	LT	COMMERCIAL ENTRANCE	52	27
1270+00	LT	COMMERCIAL ENTRANCE	52	27
1270+50	RT	COMMERCIAL ENTRANCE	50	26
1273+00	LT	COMMERCIAL ENTRANCE	58	30
1273+00	RT	ZACHARY DR	92	47
1274+07	LT	COMMERCIAL ENTRANCE	45	23
1275+60	RT	COMMERCIAL ENTRANCE	96	49
1275+75	LT	COMMERCIAL ENTRANCE	51	26
1277+25	LT	COMMERCIAL ENTRANCE	62	32
1279+20	LT	COMMERCIAL ENTRANCE	46	24
TOTALS				900

TEMPORARY RAMPS FOR SIDEROADS DETAIL



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USER NAME = TaylorND PLOT SCALE = 40.0000' / in. PLOT DATE = 1/20/2021	DESIGNED - _____ DRAWN - _____ CHECKED - _____ DATE - _____	REVISED - _____ REVISED - _____ REVISED - _____ REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY RAMP SCHEDULE SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>821</td> <td>13RS-8</td> <td>JEFFERSON</td> <td>17</td> <td>10</td> </tr> <tr> <td colspan="5" style="text-align: right;">CONTRACT NO. 78840</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	821	13RS-8	JEFFERSON	17	10	CONTRACT NO. 78840				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																
821	13RS-8	JEFFERSON	17	10																
CONTRACT NO. 78840																				

ILLINOIS FED. AID PROJECT

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	STATION LT/RT	LENGTH FOOT	THERMOPLASTIC PAVEMENT MARKING								LETTERS AND SYMBOLS SQ FT	REMARKS	
			LINE 4"					LINE 12"	LINE 24"				
			YELLOW			WHITE		YELLOW	WHITE				
			DBL SOLID FOOT	SOLID FOOT	SKIP DASH FOOT	SOLID FOOT	SKIP DASH FOOT						
ILLINOIS 15													
1230+91 TO 1231+57.5		67		67	17							SOLID SKIP DASH CL	
1230+91 TO 1233+95	LT	304				304						SOLID WHITE EDGE LINE	
1230+91 TO 1237+50	RT	659				659						SOLID WHITE EDGE LINE	
1231+57.5 TO 1237+66.5		609	1218									DBL YELLOW CL AND TRANSITION	
1232+02 TO 1237+66.5	RT	565	1129									DBL YELLOW TRANSITION TAPER	
1232+02 TO 1237+66.5	RT							185				45 DEG AT 20' C-C 2' MIN LENGTH	
1237+66.5 TO 1254+26		1660		1660	415							BIDIRECTIONAL LEFT TURN LANE	
1237+66.5 TO 1254+26	RT	1660		1660	415							BIDIRECTIONAL LEFT TURN LANE	
1254+26 TO 1257+20		294	588									DOUBLE YELLOW TRANSITION LAYOUT	
1254+26 TO 1255+71	RT	145	290									DOUBLE YELLOW TRANSITION TAPER	
1240+75 TO 1240+75	RT										17.6	TWO WAY LEFT TURN ARROWS	
1244+25 TO 1244+25	RT										17.6	TWO WAY LEFT TURN ARROWS	
1247+25 TO 1247+25	RT										17.6	TWO WAY LEFT TURN ARROWS	
1250+24 TO 1250+24	RT										17.6	TWO WAY LEFT TURN ARROWS	
1253+28 TO 1253+28	RT										17.6	TWO WAY LEFT TURN ARROWS	
1255+78 TO 1255+78	RT										20.6	LEFT TURN ARROW AND ONLY	
1255+70 TO 1257+20		150			150							LEFT TURN LANE LINE	
1254+26 TO 1257+20	RT	294				74						EB LANE LINE	
1256+60 TO 1257+20	LT	60				20						WB LANE LINE	
1257+20 TO 1257+20	RT								38			EB STOP BAR	
1258+15 TO 1258+21								102				CROSSWALK LINES SEE DETAILS	
1258+27 TO 1258+27									38			WB STOP BAR	
1258+27 TO 1279+86	LT	2159				540						WB LANE LINE	
1258+27 TO 1279+86	RT	2159				540						EB LANE LINE	
1258+27 TO 1259+46		119			119							WB LT TURN LANE LINE	
1258+27 TO 1260+90		263	526									DOUBLE YELLOW TRANSITION LAYOUT	
1259+46 TO 1260+90		144	288									DOUBLE YELLOW TRANSITION TAPER	
1260+90 TO 1279+86		1896		1896	474							BIDIRECTIONAL LEFT TURN LANE	
1260+90 TO 1279+86	RT	1896		1896	474							BIDIRECTIONAL LEFT TURN LANE	
1259+35 TO 1259+35											20.6	LEFT TURN ARROW AND ONLY	
1261+28 TO 1261+28											17.6	TWO WAY LEFT TURN ARROWS	
1264+32 TO 1264+32											17.6	TWO WAY LEFT TURN ARROWS	
1267+27 TO 1267+27											17.6	TWO WAY LEFT TURN ARROWS	
1270+26 TO 1270+26											17.6	TWO WAY LEFT TURN ARROWS	
1274+00 TO 1274+00											17.6	TWO WAY LEFT TURN ARROWS	
1276+32 TO 1276+32											17.6	TWO WAY LEFT TURN ARROWS	
1279+26 TO 1279+26											17.6	TWO WAY LEFT TURN ARROWS	
SUBTOTALS			4039	7178	1794	1232	1173	287	76	253			
TOTALS								15416	287	76	253		

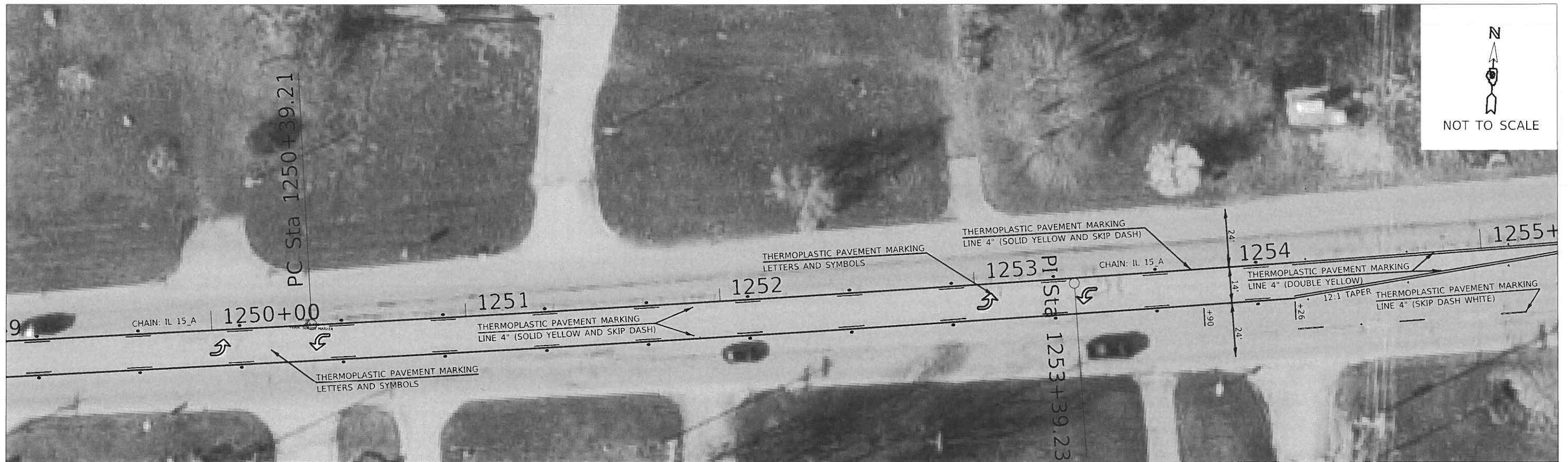
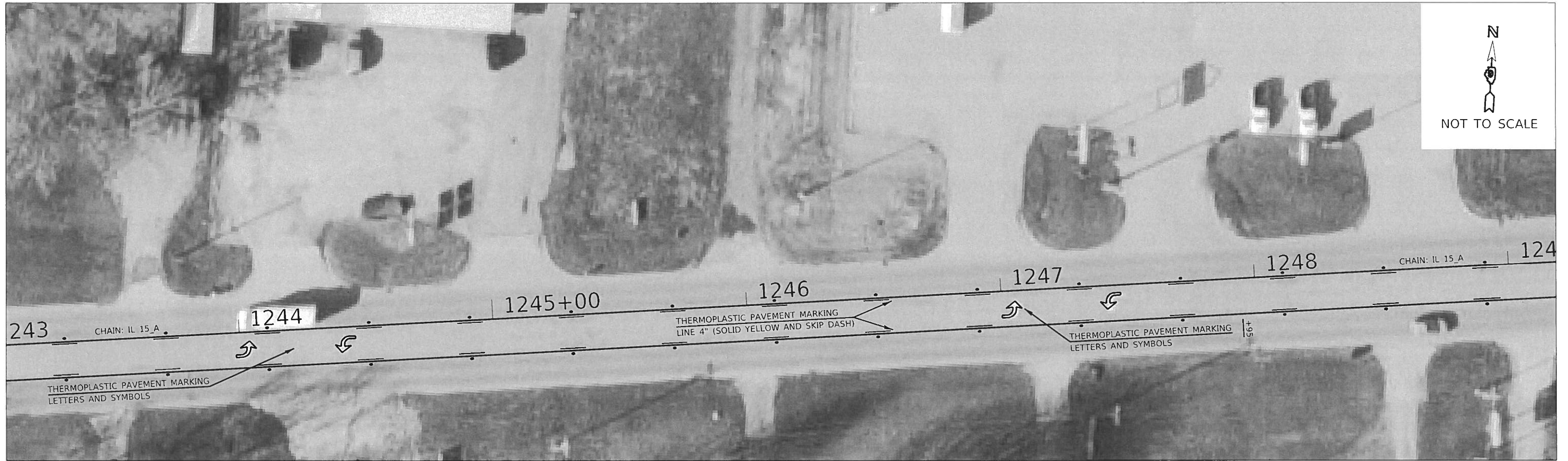
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 PLOT DATE: = 1/20/2021

USER NAME = TaylorND	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SCHEDULE
 SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 821	SECTION 13RS-8	COUNTY JEFFERSON	TOTAL SHEETS 17	SHEET NO. 11	CONTRACT NO. 78840
ILLINOIS		FED. AID PROJECT			



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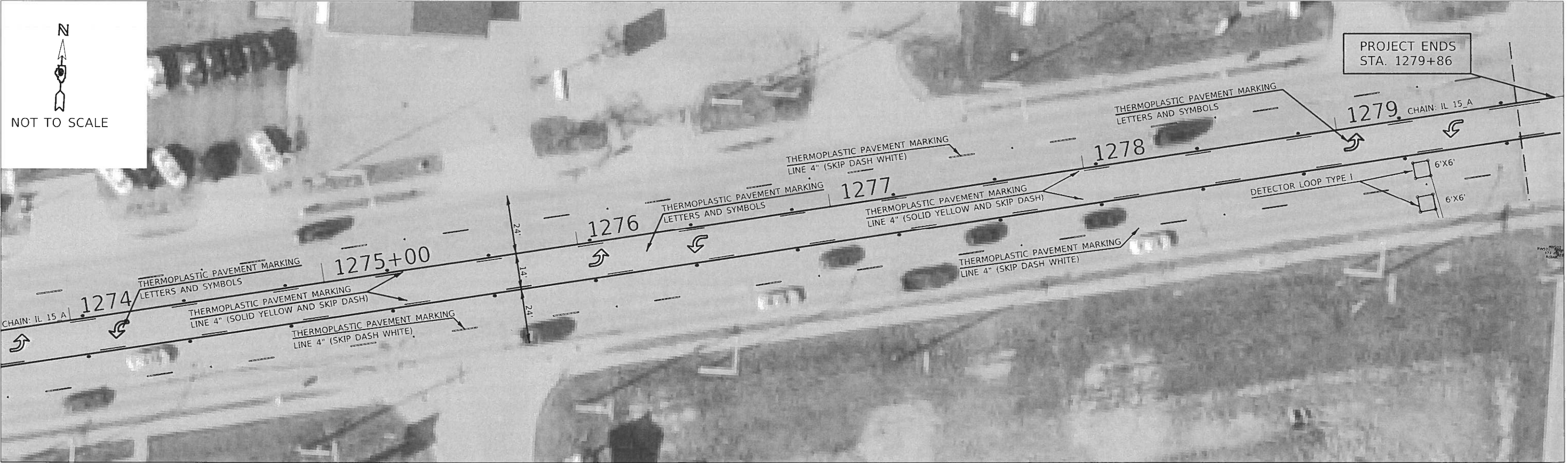
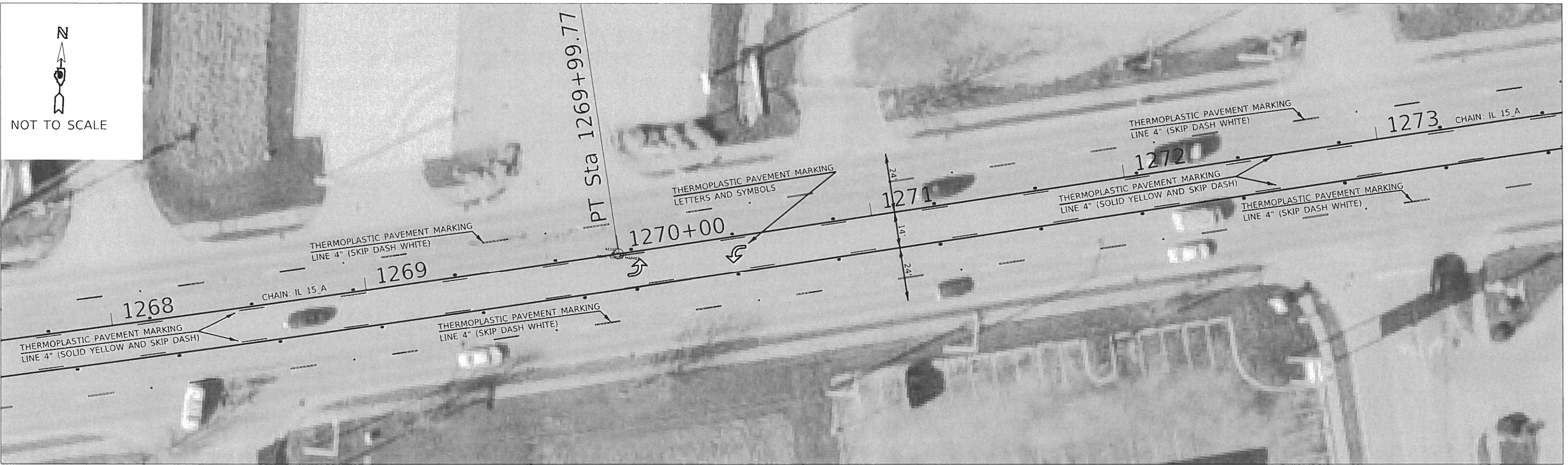
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DRAWN - _____	REVISED - _____	REVISED - _____
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PLOT DATE = 12/29/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	13RS-8	JEFFERSON	17	13
CONTRACT NO. 78840			ILLINOIS FED. AID PROJECT	



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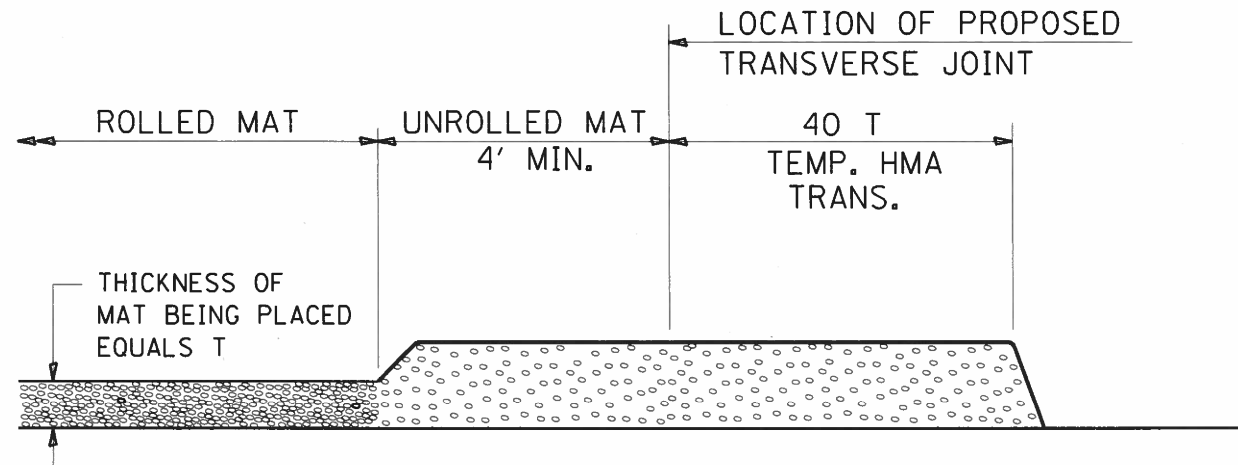
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DRAWN - _____	REVISED - _____	REVISED - _____
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PLOT DATE = 1/11/2021	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS		
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____

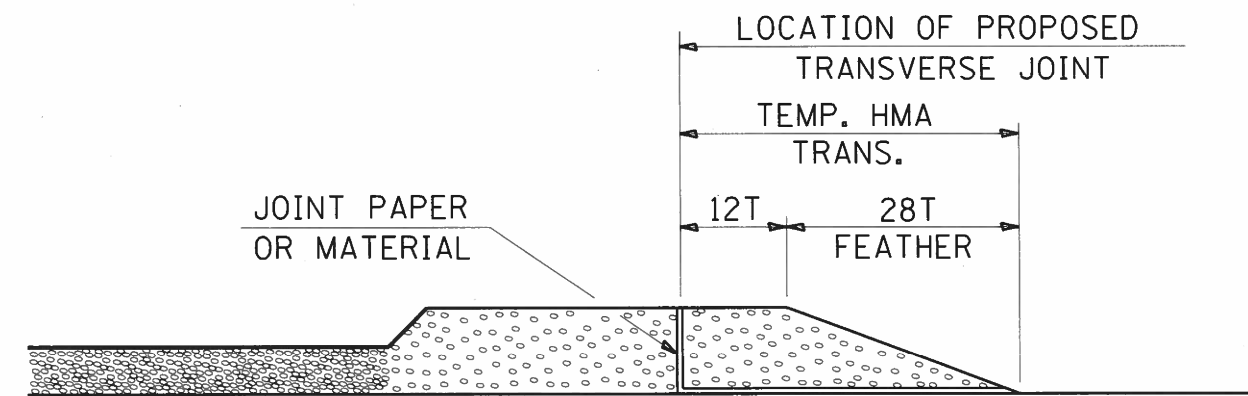
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CONTRACT NO. 78840				
ILLINOIS FED. AID PROJECT				

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



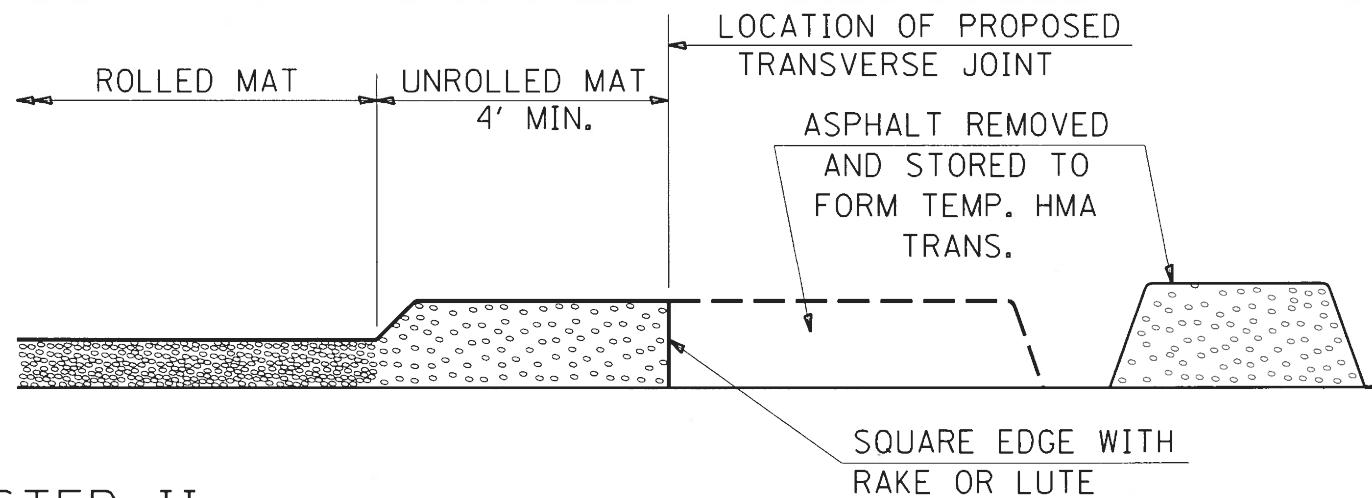
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



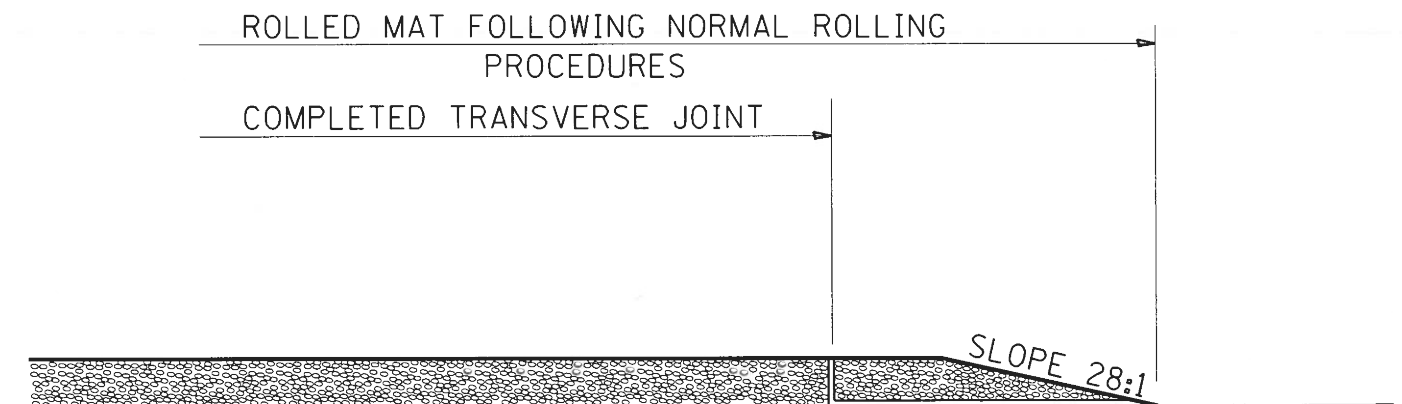
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-26

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13

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PLOT SCALE = 100.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 12/1/2020	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

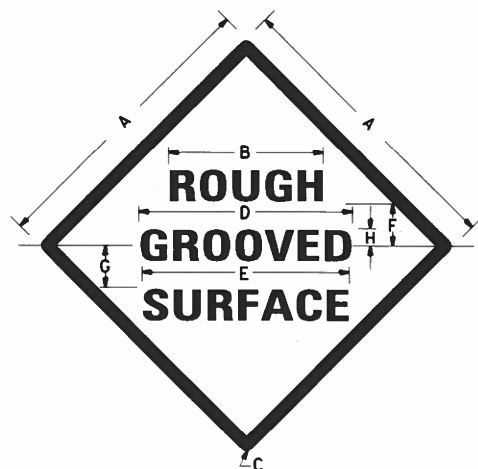
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT DETAILS

SCALE: N.T.S. SHEET 22 OF 23 SHEETS STA. 1230+91.5 TO STA. 1280+60

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	13RS-8	JEFFERSON	17	16
			CONTRACT NO. 78840	
ILLINOIS FED. AID PROJECT				

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

REDRAWN	2-15-89
REVISED	4-6-92
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

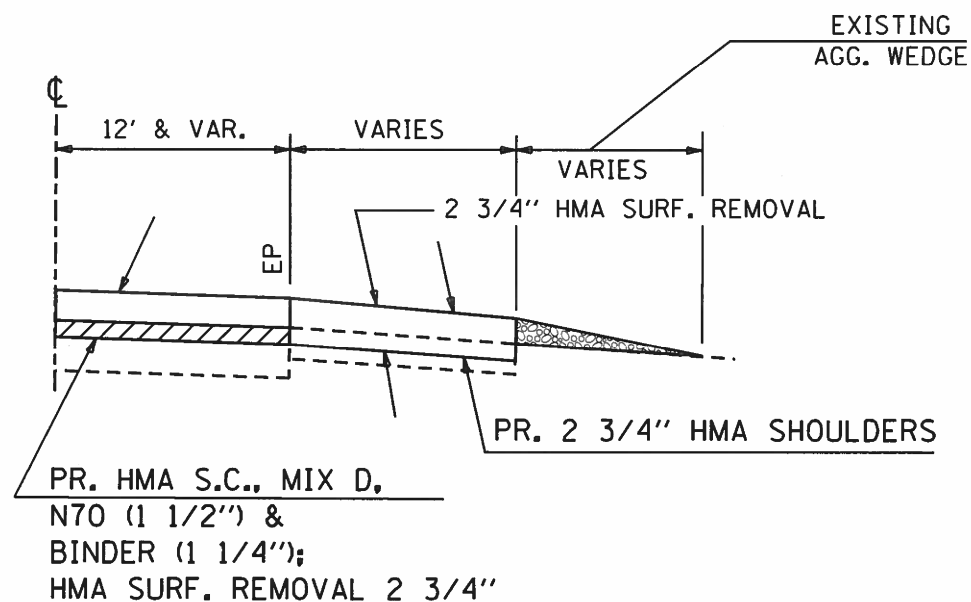
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
RESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

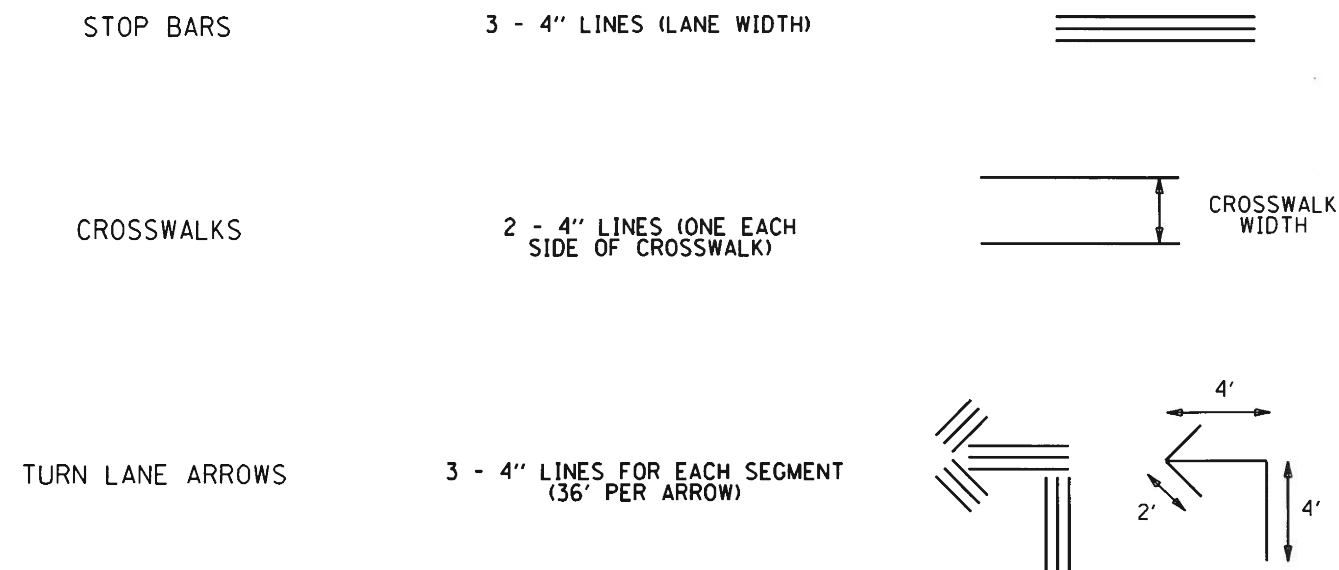
STD. 9-41

PAVED SHOULDER RESURFACING



LT. STA. 1231+66.5 TO 1233+95
RT. STA. 1231+66.5 TO 1237+50

SHORT TERM PAVEMENT MARKING DETAIL



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	13RS-8	JEFFERSON	17	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78840	

SCALE: N.T.S. SHEET 23 OF 23 SHEETS STA. 1230+91.5 TO STA. 1280+60

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