

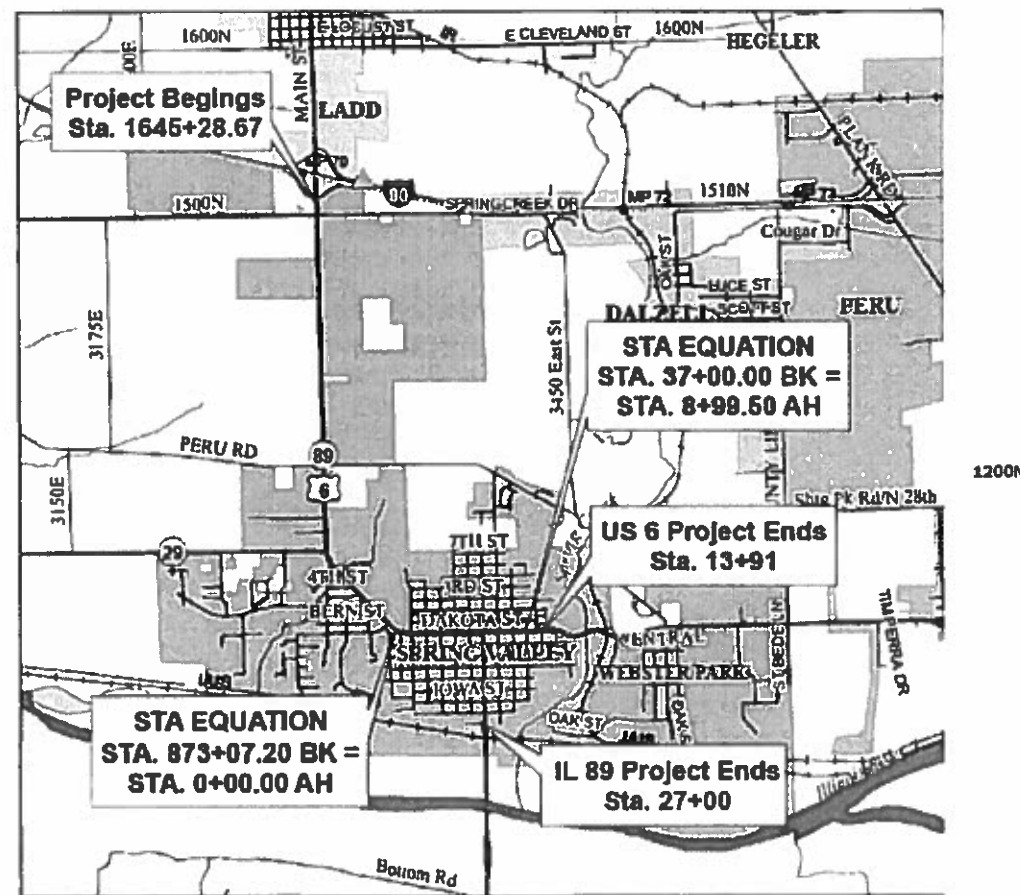
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

F.A.U. 5605 & F.A.P. 698 (IL 89 & US 6)
SECTION: (102)RS-5,(TX-1,17)RS-3&(1)RS-2
PROJECT: NHPP-STP-VXC8(276)
3P MILLING AND RESURFACING
BUREAU COUNTY

C-93-157-14

3400E



GROSS LENGTH = 22,950.93 FT. = 4.34 MILE
NET LENGTH = 22,950.93 FT. = 4.34 MILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 698 & F.A.U. 5605	ILLINOIS	BUREAU	52	1
CONTRACT NO. 66E21				
** (102)RS-5,(TX-1,17)RS-3&(1)RS-2				



LOCATION OF SECTION INDICATED THUS: - - -

FUNCTIONAL CLASSIFICATION
OTHER /MINOR ARTERIAL
2017 ADT=7,313

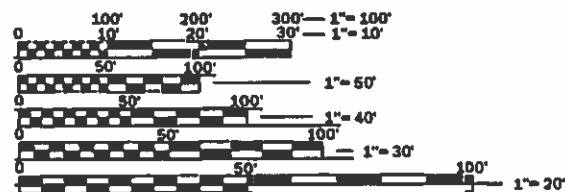
P.V.= 90.61% S.U.= 4.65% M.U.= 4.74%

FOR INDEX OF SHEETS, SEE SHEET NO.

- 1 COVER SHEET
- 2 GENERAL NOTES & LOCATION
- 3-7 SUMMARY OF QUANTITIES
- 8-13 TYPICAL SECTIONS
- 14-19 SCHEDULES
- 20-40 PAVEMENT MARKINGS
- 41-42 DETECTOR LOOPS DETAILS
- 43-44 CABLE PLAN DETAILS
- 45-52 DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 406201-01 MAILBOX TURNOUT
- 442201-03 CLASS C AND O PATCHES
- 667101-02 PERMANENT SURVEY MARKERS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-09 URBAN LANE CLOSURE 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-08 TRAFFIC CONTROL DEVICES
- 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
- 886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-992-6123
OR 811

PROJECT ENGINEER: BRAD DUNCAN, P.E.
UNIT CHIEF: JESSY JEAN
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66E21

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED April 21, 2019
Karin Handrich (ing)
REGIONAL ENGINEER

May 10, 2019
E.A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2019
David L. Chaf
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

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.

DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, ITS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD

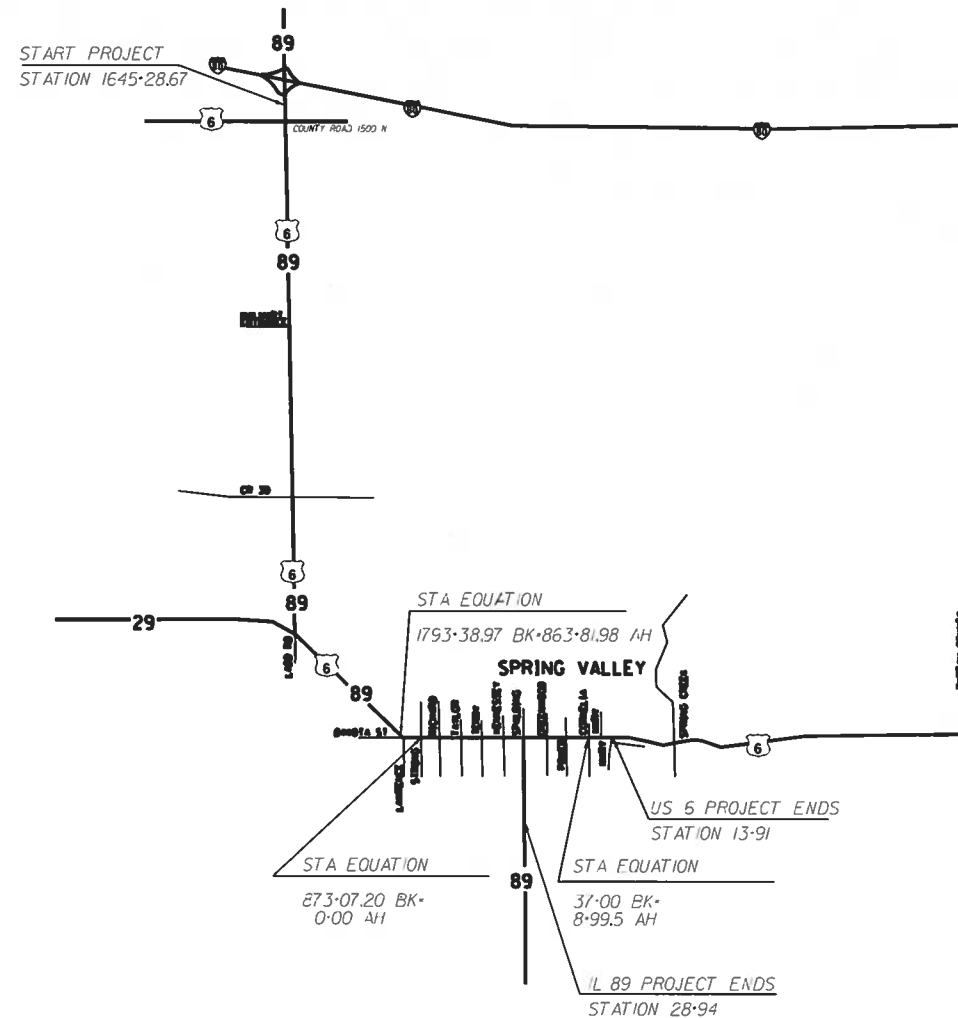
THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

THE REMOVED SIGN SHALL BECOME THE PROPERTY OF IDOT AND RETURNED TO THE DEPARTMENT.

CLASS D PATCHES TO BE PERFORMED ALONG URBAN AND RURAL NHPP.

ANY/ALL EXCAVATED MATERIAL MUST REMAIN ON SITE.

PAVEMENT MARKINGS WORK TO BE PERFORMED ON IL 89 FROM CLEVELAND TO DAKOTA ST.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

PREPARED BY: Tom Bank
DISTRICT STUDIES & PLANS ENGINEER

DATE: 3-20-19

EXAMINED BY: Kyle Vargas
DISTRICT CONSTRUCTION ENGINEER

Michael Shat
DISTRICT MATERIALS ENGINEER

Tom Adams
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = [ean]	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 66E21					
De'ault	PLOT DATE = 3/20/2019	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED - 20% STATE NHPP (FAP 698)	80% FED - 20% STATE NHPP (FAU 5605)	80% FED - 20% STATE STP (FAP 698)
				ROADWAY	ROADWAY	ROADWAY
				0005 URBAN	0005 URBAN	0005 URBAN
20400800	FURNISHED EXCAVATION	CU YD	33	33		
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	56	56		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	33	33		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	31	26	3	2
40600535	LEVELING BINDER (HAND METHOD), N70	TON	49	44	5	
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	9682	9296	386	
40600990	TEMPORARY RAMP	SQ YD	518	366	152	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	14984	14,212	772	
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	68861	59,876	6468	2517
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	878	804	74	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	704	704		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	20052	7130	9194	3728
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	80305	80,305		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	780	780		

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PLOT DATE = 3/20/2019	CHECKED -	REVISIED -
	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BUREAU	52	3
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				

**{102}RS-5,(TX-1,17)RS-36(1)RS-2 *F.A.P. 698 & F.A.U. 5605

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				- 20% STATE NHPP (FAP 698)	80% FED - 20% STATE NHPP (FAU 5605)	80% FED - 20% STATE STP (FAP 698)
				ROADWAY	ROADWAY	ROADWAY
				0005 URBAN	0005 URBAN	0005 URBAN
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	83	11		72
44201299	DOWEL BARS 1 1/2"	EACH	94	13		81
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	100	70	30	
44213200	SAW CUTS	FOOT	492	60		432
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2114	2114		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	470			470
60255500	MANHOLES TO BE ADJUSTED	EACH	6			6
60260100	INLETS TO BE ADJUSTED	EACH	1			1
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	780	780		
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	6	6		
67100100	MOBILIZATION	L SUM	1	0.50	0.25	0.25
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.34	0.33	0.33

*= SPECIALTY ITEM

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	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A. RTE. *	SECTION **	COUNTY	TOTAL SHEETS	SHEET NO.
			52	4
			CONTRACT NO. 66E21	
		ILLINOIS	FED. AID PROJECT	

**{102}RS-5,(TX-1,17)RS-36(1)RS-2

*F.A.P. 698 & F.A.U. 5605
REV. 4/24/19

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED - 20% STATE NHPP (FAP 698)	80% FED - 20% STATE NHPP (FAU 5605)	80% FED - 20% STATE STP (FAP 698)	
				ROADWAY	ROADWAY	ROADWAY	
				0005	0005	0005	
				URBAN	URBAN	URBAN	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1		1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		0.50	0.25	0.25
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6735		5279	559	897
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	750		587	63	100
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1223		687	411	125
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	75758		66,232	4102	5424
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4328		2687	483	1158
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	7197		5671	1162	364
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	7711		6372	889	450
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	566		437	35	94
* 72000100	SIGN PANEL - TYPE 1	SQ FT	5		5		
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1		1		
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	5		5		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	10		10		

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**		52	5
			CONTRACT NO. 66E21	
ILLINOIS FED. AID PROJECT				

**102)RS-5,(TX-1,17)RS-36(1)RS-2

*F.A.P. 698 & F.A.U. 5605
REV. 4/24/19

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED - 20% STATE NHPP (FAP 698)	80% FED - 20% STATE NHPP (FAU 5605)	80% FED - 20% STATE STP (FAP 698)
				ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				URBAN	URBAN	URBAN
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1		1	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1098	687	411	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	70334	66,232	4102	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2140	2110	30	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	6833	5671	1162	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	6126	5820	306	
* 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SQ FT	125			125
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	2188	577	453	1158
* 78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	1585	552	583	450
* 78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	566	437	35	94
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	5424			5424
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	364			364
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	901	775	126	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	901	775	126	

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	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**		52	6
			CONTRACT NO. 66E21	
			ILLINOIS FED. AID PROJECT	

*= SPECIALTY ITEM

**{102}RS-5,(TX-1,17)RS-36(1)RS-2

*F.A.P. 698 & F.A.U. 5605
REV. 4/24/19

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED - 20% STATE NHPP (FAP 698)	80% FED - 20% STATE NHPP (FAU 5605)	80% FED - 20% STATE STP (FAP 698)	
				ROADWAY	ROADWAY	ROADWAY	
				0005	0005	0005	
				URBAN	URBAN	URBAN	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1492		1492		
* 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2		2		
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	42282		35,135	3754	3393
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2679		2098	581	
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	125				125
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	3459		3459		
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1158				1158
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	5577		4186	1027	364
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	566		437	35	94
* X8860100	LOOP DETECTOR TESTING	EACH	2		1		1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	105		63	21	21
Ø Z0076600	TRAINEES	HOUR	1000		1000		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	34435		30,209	4226	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000		1000		
Z0034105	MATERIAL TRANSFER DEVICE	TON	24666		23,508	1158	

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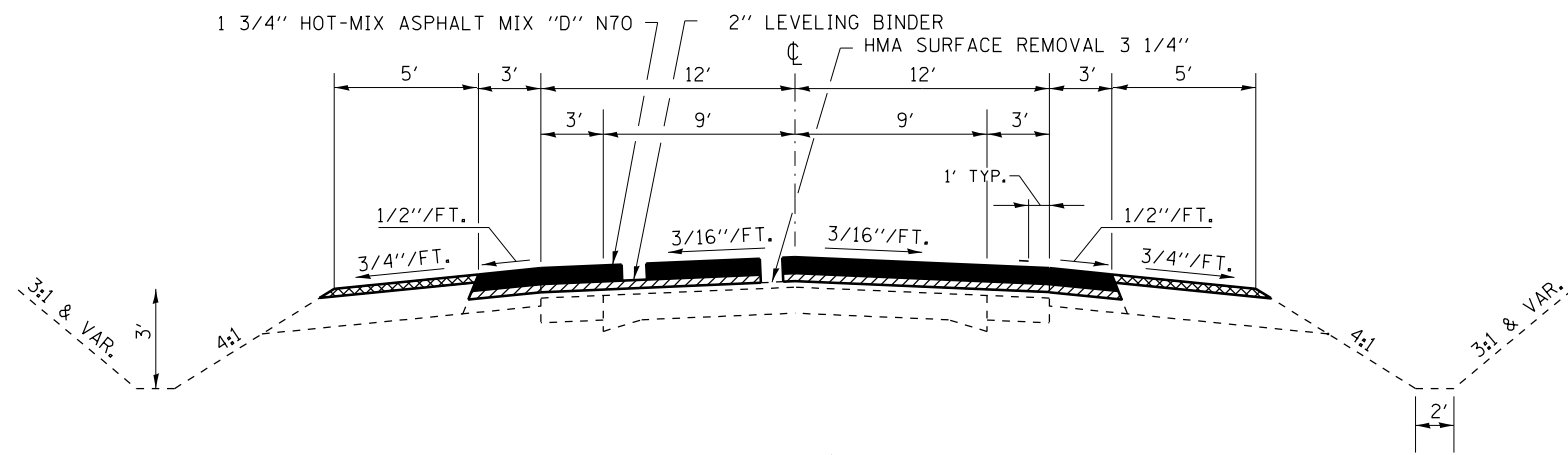
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 5	OF 5 SHEETS	STA. TO STA.

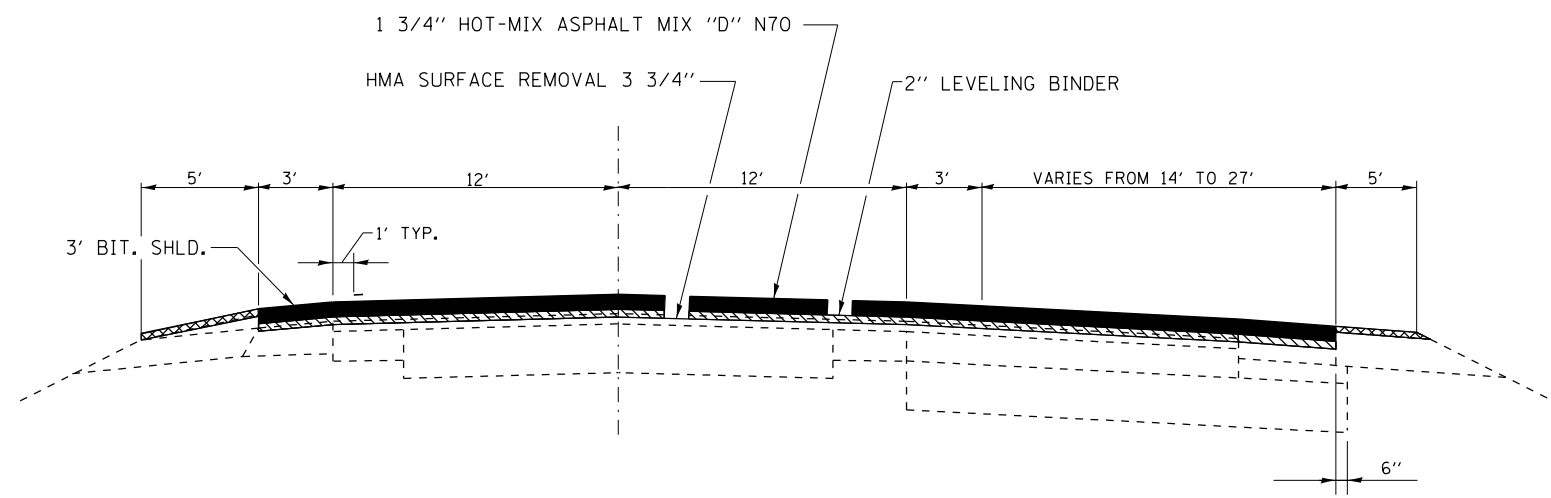
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*	**		52	7
			CONTRACT NO. 66E21	
		ILLINOIS	FED. AID PROJECT	



TYPICAL (1)

STA. 1654+61 TO STA. 1675+07
 STA. 1710+96 TO STA. 1736+65

*THIS AREA VARIES FROM 3' TO 19' FROM STA 1710+95 TO STA 1725+10 FOR WEIGH STATION TURNOUT-MILL AND OVELAY ALL OF WEIGH SCALE EXCEPT FOR 50' OF THE CONCRETE PAD-BUTT INTO THIS.



TYPICAL (2)

STA. 1675+07 TO STA. 1710+96

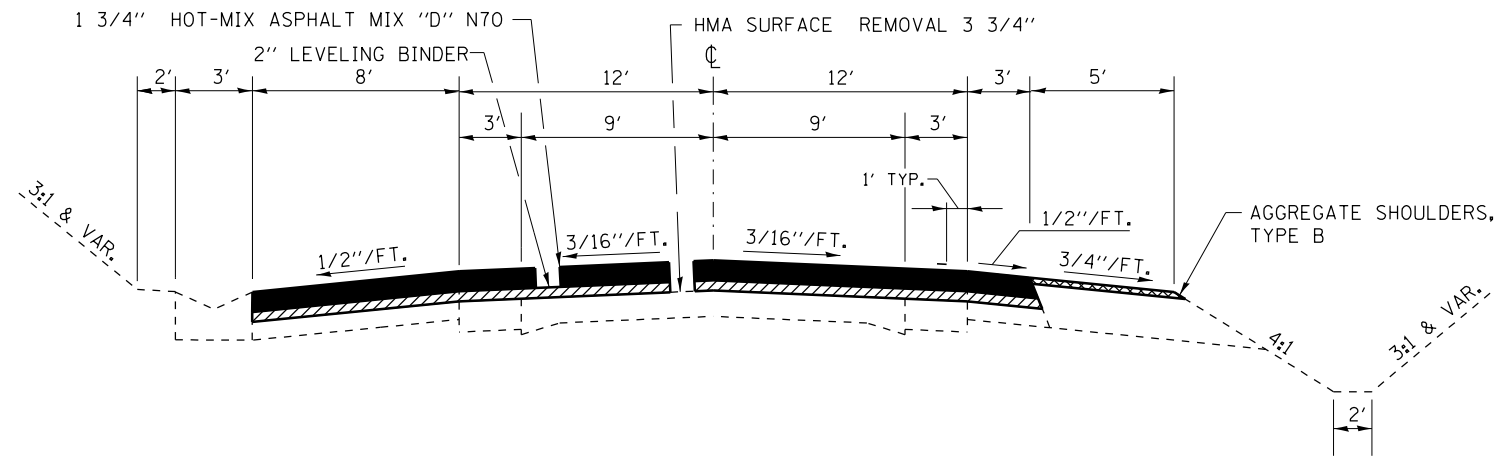
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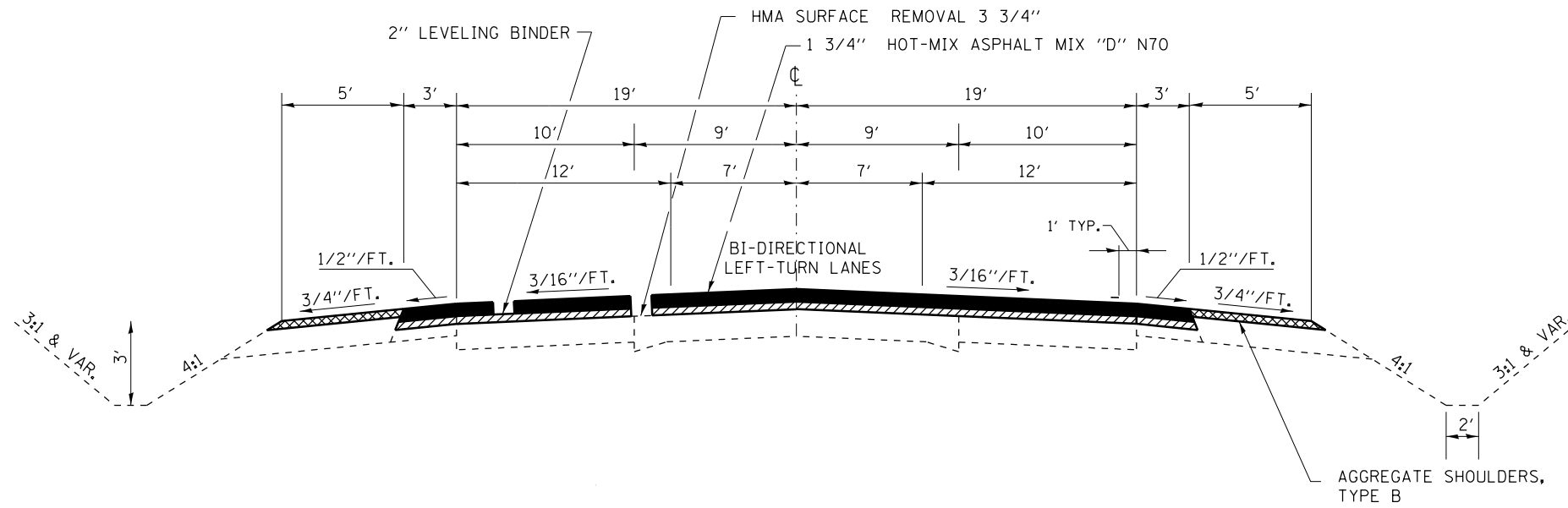
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
SCALE:	SHEET 1	OF 6 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**		52	8
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				



TYPICAL (3)
 STA. 1736+65 TO STA. 1748+03



TYPICAL (4)
 STA. 1748+03 TO STA. 1760+00
 STA. 1771+00 TO STA. 1793+38.97

1793+38.97 BK. =
 863+81.98 AH.

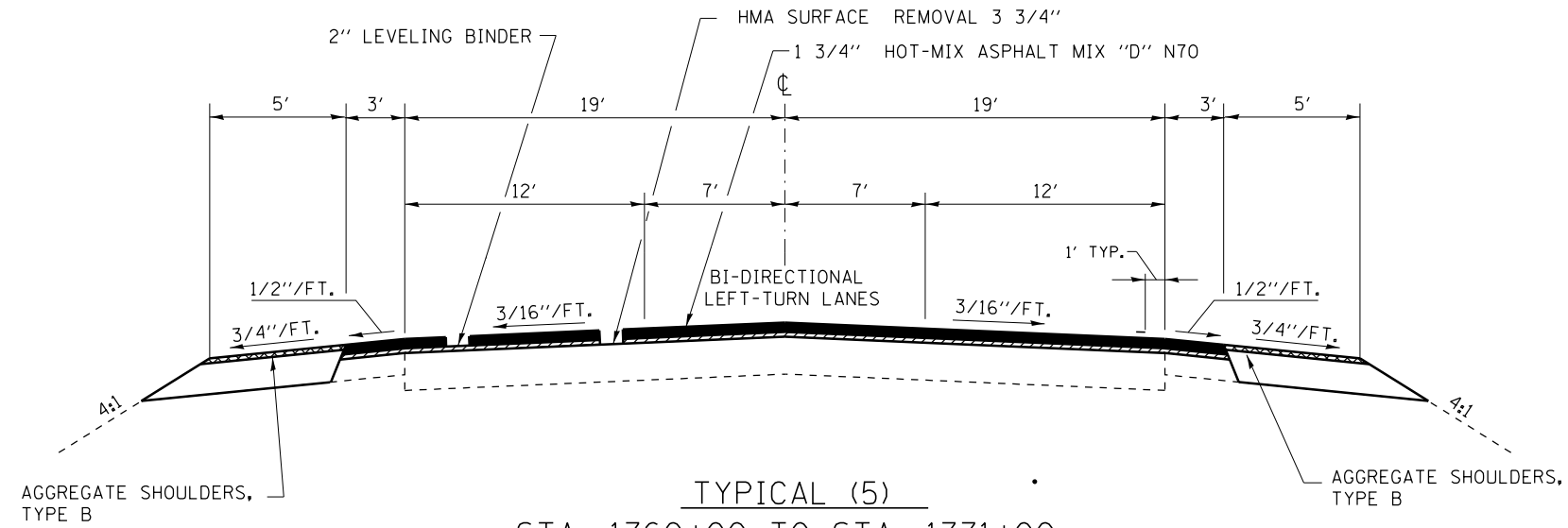
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	DRAWN -	REVISED -
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PLOT DATE = 3/20/2019	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

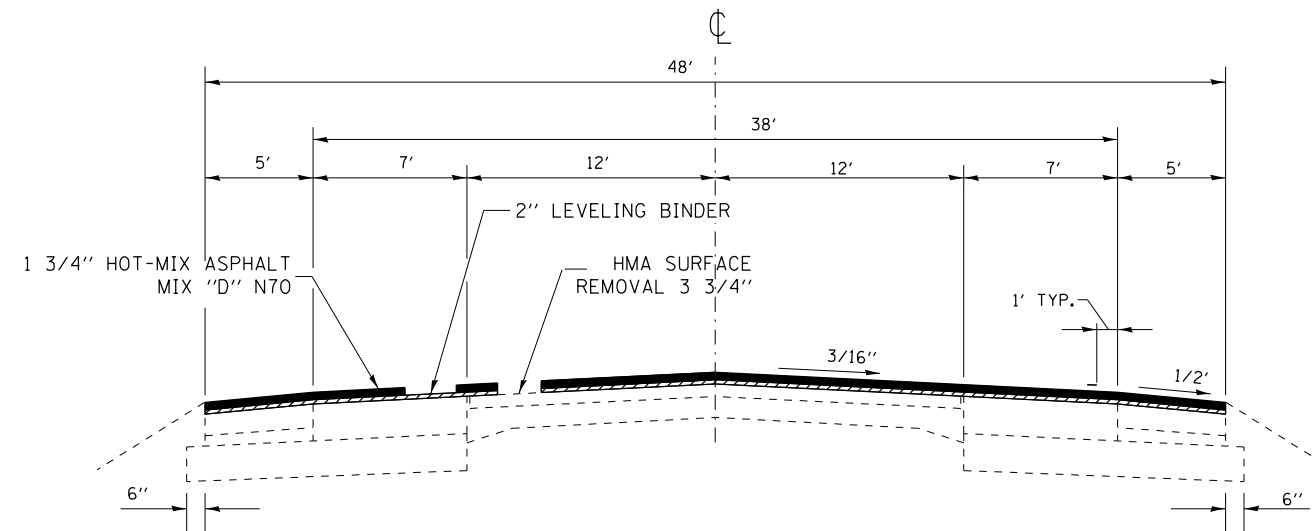
TYPICAL SECTIONS			
SCALE:	SHEET 2	OF 6 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**		52	9
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				



TYPICAL (5)
 STA. 1760+00 TO STA. 1771+00

1761+67.31 BK.=
 1761+66.52 AH.



TYPICAL (6)
 STA. 863+81.98 TO STA. 864+00

STA. 1793+38.97 BK.=
 863+81.98 AH.

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PLOT DATE = 3/20/2019	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

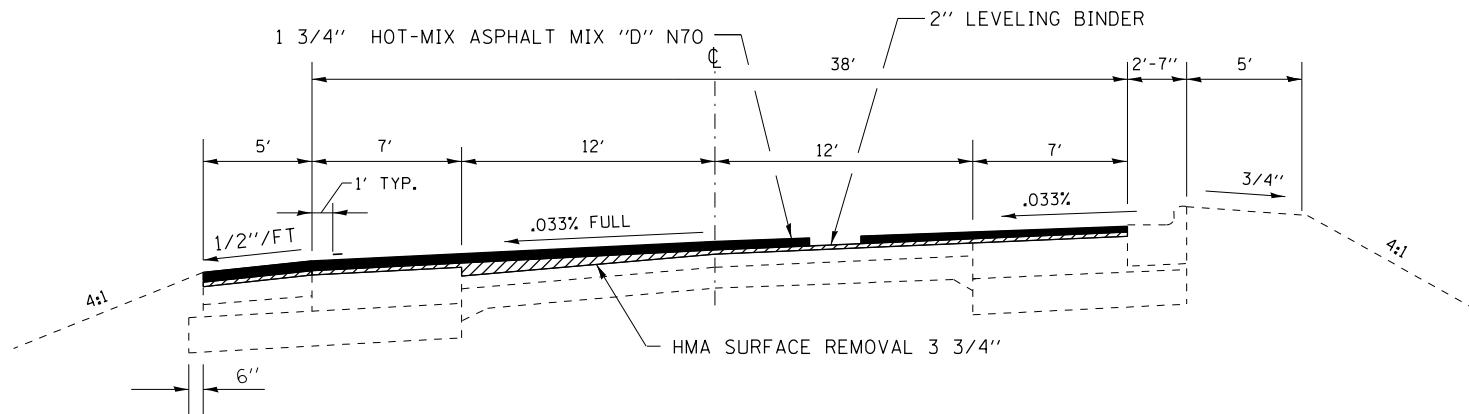
TYPICAL SECTIONS

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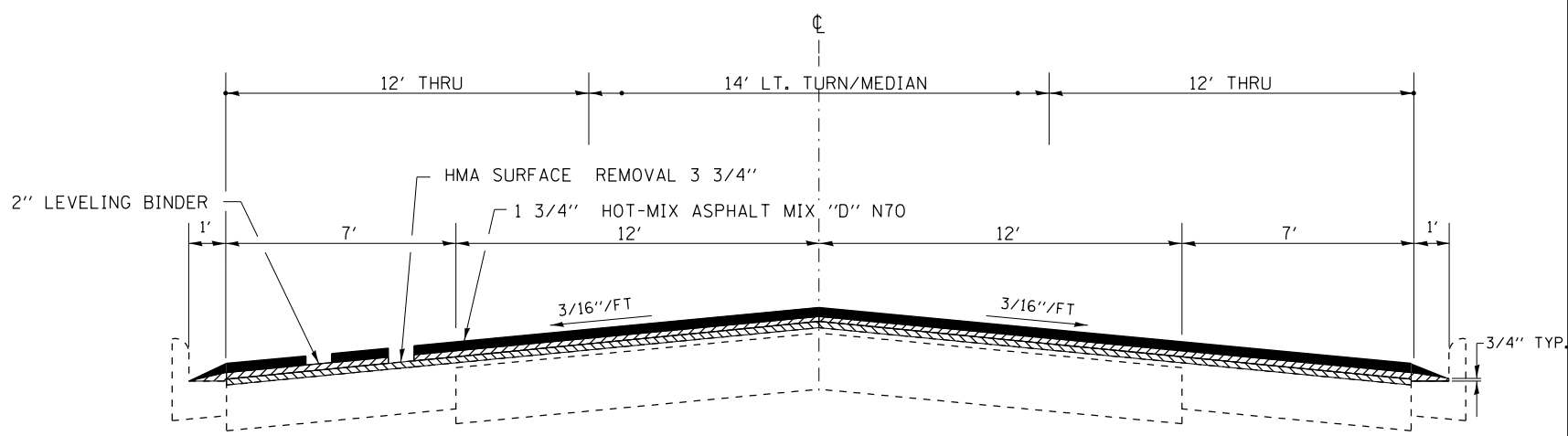
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**		52	10
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				

** (102)RS-5,(TX-1,17)RS-36(1)RS-2

* F.A.P. 698 & F.A.U. 5605

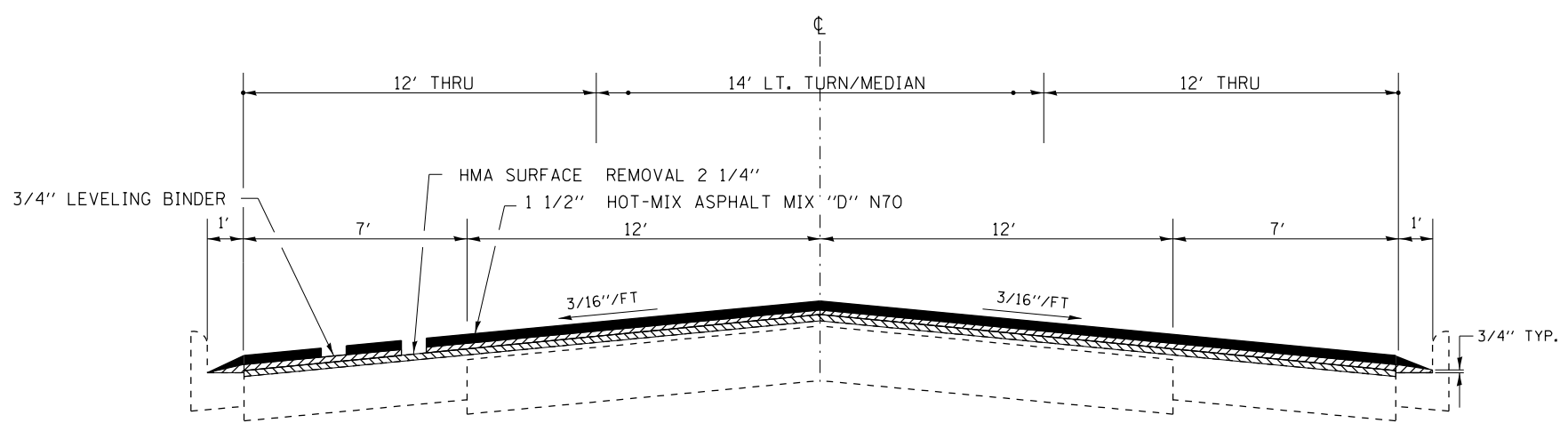


TYPICAL (7)
STA. 864+00 TO STA. 872+60



TYPICAL (8)
STA. 872+60 TO STA. 873+07.20
STA. 0+00 TO STA. 14+38

873+07.20 BK=
0+00 AH



TYPICAL (9)
STA. 14+38 TO STA. 18+13
STA. 32+05 TO STA. 9+28

37+00 BK.=
8+99.50 AH.

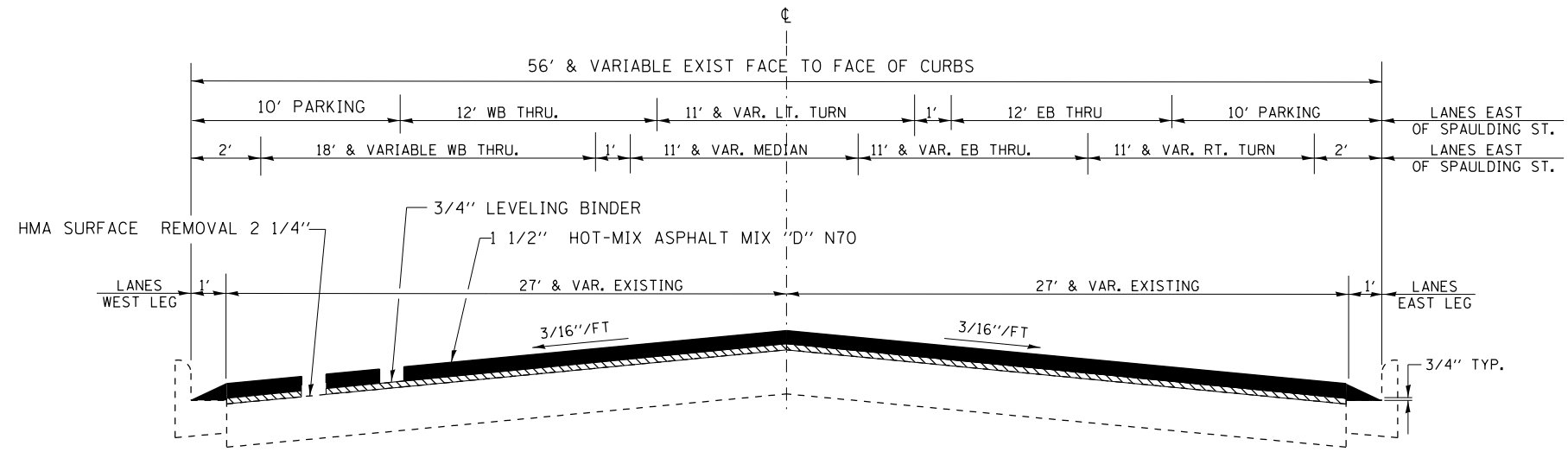
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USER NAME = jeanj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2019	DATE -	REVISED -

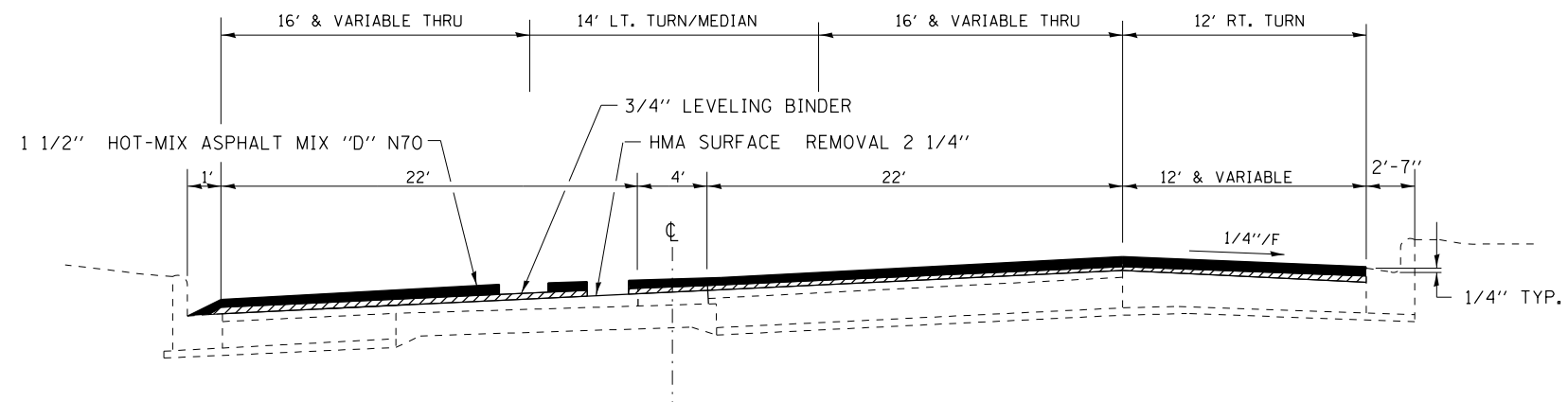
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
SCALE:	SHEET 4	OF 6 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**		52	11
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 66E21				



TYPICAL (10)
STA. 18+13 TO STA. 32+05



TYPICAL (11)
STA. 9+28.00 TO STA. 13+91

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
SCALE:	SHEET 5	OF 6 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**		52	12
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				

SIDEROAD SCHEDULE

NAME	STATION	SIDE	AREA	HMA SURF REM 2 1/4"	HMA SURF .REM VAR. DEPTH	HMA SURF CSE N70 MIX "D" TON	LEVEL BIND N70 (MM) IL-9.5 TON	LEVEL BIND N70 (HM) IL-9.5	INCIDENTAL HMA SURFACE TON	BIT MATLS TACK COAT POUND	TEMP RAMP SQ YD
			SQ YD	SQ YD	SQ YD						
NHPP RURAL FUNDING (FAP 698)											
CO RD 1500 N	1656+27.20	LT	1273.8	1273.8		107.0	53.5	0.4		573.2	22.2
CO RD 1500 N	1656+27.20	RT	1167.6	1167.6		98.1	49.0	0.4		788.1	22.2
WALMART ENTRANCE	1699+03.00	RT									
C.H. 14	1736+17.59	LT	177.2		177.2				22.3	119.6	13.3
C.H. 14	1736+17.59	RT	321.0		321.0				40.4	144.5	13.3
JOSEPH RUMA DR.	1741+17.59	RT									
WOLFER INDUSTRIAL PARK	1752+73.00	RT									
IL RT 29	1763+35.03	RT	802.0	802.0		67.4	33.7	0.2		360.9	27.8
LADD RD	1767+59.42	RT	507.2		507.2				63.9	228.3	16.7
NHPP RURAL SUBTOTAL (FAP 698)			4249	3244	1006	273	137	1.0	127	2215	116
NHPP URBAN FUNDING (FAP 698)											
PONSETT DR	1772+16.00	LT	131.1		131.1				16.5	88.5	13.3
THIRD ST	1780+89.33	RT	225.1		225.1				28.4	101.3	19.4
SECOND ST	1785+25.00	RT	200.3		200.3				25.2	90.1	13.3
DAKOTA ST	864+93.87	RT									
STRONG ST	0+00.00	LT	199.5		199.5				25.1	89.8	27.8
STRONG ST	0+00.00	RT	139.8		139.8				17.6	62.9	27.8
RICHARDS ST	4+66.00	LT									
RICHARDS ST	4+66.00	RT									
TAYLOR ST	9+32.00	LT									
TAYLOR ST	9+32.00	RT									
TERRY ST	13+95.00	LT									
TERRY ST	13+95.00	RT									
HENNESY ST	18+63.00	LT									
HENNESY ST	18+63.00	RT									
SPAULDING ST	23+30.00	LT	195.7		195.7				24.7	88.1	15.6
SPAULDING ST	23+30.00	RT									
NHPP URBAN SUBTOTAL (FAP 698)			1092		1092				138	521	118
NHPP URBAN FUNDING (FAU 5605)											
GREENWOOD ST	27+96.00	LT									
GREENWOOD ST	27+96.00	RT									
POWER ST	32+62.15	LT									
POWER ST	32+62.15	RT									
CORNELIA ST	37+28.50	LT									
CORNELIA ST	37+28.50	RT	219.3		219.3				27.6	98.7	22.2
ST MARY	12+28.12	LT									
ST MARY	14+00.00	RT	361.6		361.6				45.6	162.7	51.7
NHPP URBAN SUBTOTAL (FAU 5605)			581		581				74	262	74
STP URBAN FUNDING (FAP 698)											
CLEVELAND ST	53+17.14	LT									
CLEVELAND ST	53+17.14	RT									
EERIE ST	49+68.17	LT									
EERIE ST	49+68.17	RT									
ST PAUL ST	46+00.00	LT									
ST PAUL ST	46+00.00	RT									
DEVLIN ST	42+38.00	LT									
DEVLIN ST	42+38.00	RT									
MINNESOTA ST	38+79.00	LT									
MINNESOTA ST	38+79.00	RT									
IOWA ST	35+24.00	LT									
IOWA ST	35+24.00	RT									
CAROLINE ST	31+61.00	LT									
CAROLINE ST	31+73.00	RT									
ILLINOIS ST	28+30.00	LT									
ILLINOIS ST	28+30.00	RT									
GRAND TOTALS			5922	3244	2679	273	137	1	339	2998	308

*PLACE FURNISHED EX AROUND SIDEROAD RADII. THESE AREAS SHALL BE SEEDED (SEEDING CLASS TO BE DETERMINED BY THE ENGINEER), FERTILIZED, AND COVERED WITH EROSION CONTROL BLANKET
THIS WORK IS NOT TO BE PAID SEPARATELY BUT IS INCLUDED IN THE COST OF FURNISHED EXCAVATION

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	DRAWN -	REVISED -
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PLOT DATE = 3/20/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BUREAU	52	15
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING GROOVING & RRPM									TEMPORARY PAVEMENT MARKINGS														
LOCATION			GROOVING					RAISED REFL PAVT MARK EACH	RAISED REFL PAVT MARK REM EACH	LOCATION		TEMPORARY (1 APPLICATION)						PAVT MARK REM WTR BLST (1 APP)* SQ FT	SHORT TERM PAVT MARK (3 APP) FOOT	SHRT TRM PAVT MARK REM (1 APP) SQ FT			
			5"	7"	9"	25"	LET & SYM					4"	6"	8"	12"	24"	L&S						
STATION	TO	STATION	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	STATION	TO	STATION	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	SQ FT		
RURAL - NHPP FUNDING (FAP 698)									RURAL - NHPP FUNDING (FAP 698)														
1645+29	TO	1650+00			280					1645+29	TO	1650+00	1772.0			280.0	39.0	58.3	874.6	141.3	15.7		
1650+00	TO	1656+27			357	74				1650+00	TO	1656+27	2597.0			1104.0	1240.0	74.0	93.6	3083.3	188.1	20.9	
1500 N RD - LT						45				1500 N RD - LT			278.0				19.0	45.0	201.7				
US 6 - RT						43				US 6 - RT			160.0					43.0	139.3				
1656+27	TO	1661+07			35	39		20	20	1656+27	TO	1661+07	1865.0			272.0	136.0	39.0	1017.0	144	16.0		
1661+07	TO	1675+53						17	17	1661+07	TO	1675+53	4128.0	300.0					1526.0	433.8	48.2		
1675+53	TO	1688+68				541		88	88	1675+53	TO	1688+68	7626.0			541.0	918.0		62.4	3883.1	394.5	43.8	
1688+68	TO	1699+03				400	70	78	78	1688+68	TO	1699+03	4797.0			555.0	595.0	70.0	46.8	2750.8	310.5	34.5	
1699+03	TO	1710+96				350	26	63	63	1699+03	TO	1710+96	6318.0			350.0	413.0	26.0	46.8	2851.1	357.9	39.8	
1710+96	TO	1716+19						9	9	1710+96	TO	1716+19	1673.0	110.0					612.7	156.9	17.4		
1716+19	TO	1742+80						34	34	1716+19	TO	1742+80	5078.0	670.0					2027.7	798.3	88.7		
1742+80	TO	1747+73						10	10	1742+80	TO	1747+73	1479.0	130.0					558.0	147.9	16.4		
1747+73	TO	1752+73				165		35	35	1747+73	TO	1752+73	2826.0			299.0	358.0		1499.3	150	16.7		
1752+73	TO	1763+35				623	20	73	73	1752+73	TO	1763+35	5344.0			748.0	622.0	20.0	93.6	3035.6	318.6	35.4	
IL 29 - RT						96	27			IL 29 - RT			235.0			263.0	43.0	27.0	350.7				
1763+35	TO	1767+59				188	19	34	34	1763+35	TO	1767+59	1851.0			188.0	148.0	19.0	46.8	975.1	127.2	14.1	
1767+59	TO	1770+00				167		13	13	1767+59	TO	1770+00	778.0			167.0	48.0		46.8	465.5	72.3	8.0	
RURAL NHPP SUBTOTAL (FAP 698)					2922	363		474	474	RURAL NHPP SUBTOTAL (FAP 698)			47033	1210		4487	4540	363	437	24977	3600	400	
URBAN - NHPP FUNDING (FAP 698)									URBAN - NHPP FUNDING (FAP 698)														
1770+00	TO	1780+89			193			57	57	1770+00	TO	1780+89	4810.0	280.0		193.0	171.0		62.4	2105.4	326.7	36.3	
1780+89	TO	1785+25			160	14		25	25	1780+89	TO	1785+25	1871.0			160.0	112.0	14.0	31.2	901.5	130.8	14.5	
1785+25	TO	1793+39			151	14		44	44	1785+25	TO	1793+39	3417.0	260.0		151.0	80.0	14.0		1477.7	244.2	27.1	
STATION EQUATION: STA 1793+38.97(BK) = STA 863+81.98(AH)									STATION EQUATION: STA 1793+38.97(BK) = STA 863+81.98(AH)														
863+82	TO	873+07			436	14		98	98	863+82	TO	873+07	3138.0			356.0	267.0	14.0	78.0	1656.3	277.5	30.8	
STATION EQUATION: STA 873+07.20(BK) = STA 0+00.00(AH)									STATION EQUATION: STA 873+07.20(BK) = STA 0+00.00(AH)														
4+66	TO	9+32	444		70			31	31	0+00	TO	4+66	1692.0	120.0		70.0	514.0		15.6	1200.3	139.8	15.5	
9+32	TO	13+95	778					6	6	4+66	TO	9+32	778.0	200.0			78.0			437.3	139.8	15.5	
13+95	TO	18+63	829					6	6	9+32	TO	13+95	829.0	120.0						336.3	138.9	15.4	
18+63	TO	23+30	801					6	6	13+95	TO	18+63	801.0	120.0						327.0	140.4	15.6	
23+30	TO	27+96	607		254	32		28	28	18+63	TO	23+30	1863.0	377.0		254.0	610.0	32.0	62.4	1715.2	140.1	15.6	
URBAN NHPP SUBTOTAL (FAP 698)			3459		1264	74		301	301	URBAN NHPP SUBTOTAL (FAP 698)			19199	1477		1184	1832	74	250	10158	1679	187	
URBAN - NHPP FUNDING (FAU 5605)									URBAN - NHPP FUNDING (FAU 5605)														
23+30	TO	27+96			193	35		29	29	23+30	TO	27+96	1672.0	328.0		328.0	569.0	35.0	208.0	1787.0	139.8	15.5	
27+96	TO	32+62			263			26	26	27+96	TO	32+62	746.0	125.0		263.0	251.0		62.4	799.9	139.8	15.5	
32+62	TO	37+00			265			26	26	32+62	TO	37+00	776.0			265.0			62.4	497.7	131.4	14.6	
STATION EQUATION: STA 37+00.00(BK) = STA 8+99.50(AH)									STATION EQUATION: STA 37+00.00(BK) = STA 8+99.50(AH)														
9+00	TO	13+91			306			45	45	9+00	TO	13+91	908.0	30.0		306.0	69.0		78.0	668.7	147.3	16.4	
URBAN NHPP SUBTOTAL (FAU 5605)					1027	35		126	126	URBAN NHPP SUBTOTAL (FAU 5605)			4102	483		1162	889	35	411	3754	559	63	
URBAN - STP FUNDING (FAP 698)									URBAN - STP FUNDING (FAP 698)														
56+89	TO	53+17			20	364	35	124.8		56+89	TO	53+17	498.0	20.0		364.0			35.0	124.8	613.5	111.6	12.4
53+17	TO	49+72			182					53+17	TO	49+72	530.0	182.0						267.7	103.5	11.5	
ERIE STREET										ERIE STREET							156.0			156.0			
49+72	TO	46+00			276		12			49+72	TO	46+00	553.0	276.0			78.0	12.0		424.3	111.6	12.4	
ST. PAUL STREET					136		35			ST. PAUL STREET							136.0	35.0		276.0			
46+00	TO	42+39			174		12			46+00	TO	42+39	549.0	174.0			78.0	12.0		372.0	108.3	12.0	
42+39	TO	38+79			90					42+39	TO	38+79	593.0	90.0						242.7	108	12.0	
38+79	TO	35+24			100					38+79	TO	35+24	573.0	100.0						241.0	106.5	11.8	
35+24	TO	31+67			90					35+24	TO	31+67	591.0	90.0						242.0	107.1	11.9	
31+67	TO	27+00			90					31+67	TO	27+00	1537.0	90.0						557.3	140.1	15.6	
URBAN STP SUBTOTAL (FAP 698)					1158	364	94	125		URBAN STP SUBTOTAL (FAP 698)			5424	1158	364	450	94	125		3393	897	100	
PROJECT TOTALS			3459	1158	5577	566	125	901	901	PROJECT TOTALS			75758	4328	7197	7711	566	1223		42282	6735	750	

*1 APPLICATION OF PAVEMENT MARKING REMOVAL FOR TEMPORARY PAVEMENT MARKINGS, PLUS 1 APPLICATION FOR EXISTING PAVEMENT MARKINGS ON IL 89 CONCRETE.

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USER NAME = nugentaj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -			**	BUREAU	52	18						
PLOT DATE = 3/20/2019	CHECKED -	REVISED -			CONTRACT NO. 66E21									
	DATE -	REVISED -			ILLINOIS FED. AID PROJECT									
					SCALE:	SHEET 5	OF 6	SHEETS	STA.	TO STA.	** (102)RS-5,(TX-1,17)RS-3&(1)RS-2 * F.A.P. 698 & F.A.U. 5605			

U.S. RTE 6 /

CONTRACT NO. 66E21
BUREAU COUNTY

ILL. RTE.89 LOCATION: US 6 TO 0.6 MI S OF DAKOTA ST & SPAULDING ST TO MARY ST(S) IN SPRING VALLEY

GPS NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED*	RESPONSIBILITY
006524	NW CORNER SECTION 22, T16N, R11E, 4TH PM	PK NAIL	TYPE 1	YES	1
089101	W QTR CORNER SECTION 22, T16N, R11E, 4TH PM	NAIL OVER PIPE	TYPE 1	YES	1
089102	NW CORNER SECTION 27, T16N, R11E, 4TH PM	PK	TYPE 1	YES	1
089100	W QTR CORNER SECTION 27, T16N, R11E, 4TH PM	SURVEY NAIL	TYPE 1	YES	1
029111	NW CORNER SECTION 34, T 16N, R11E, 4TH PM	MAG NAIL	TYPE 1	YES	1
089105	W QTR CORNER SECTION 35, T16N, R11E, 4TH PM	MISSING	TYPE 1	YES	1

COORDINATES ON THE LISTED MONUMENTS ARE KNOWN. PRE CONSTRUCTION TIES BY THE R.E. ARE NOT REQUIRED. UNKNOWN MONUMENTS SET BY OTHERS MAY EXIST. IF FOUND, THE R.E. MUST TIE AND REQUEST PLATS AND PLANS PERSONNEL TO GPS ANY MONUMENT(S) SUBJECT TO DAMAGE OR DESTRUCTION FROM THE RESURFACING WORK, AND INFORM THEM TO RESET THE MONUMENT(S) WHEN RESURFACING IS COMPLETE. THE R.E. IS TO INFORM THE PLATS AND PLANS SECTION TO SEARCH FOR ADDITIONAL MONUMENTS IF THE JOB LIMITS ARE EXPANDED DURING CONSTRUCTION. UPON PAVING COMPLETION, THE R.E. WILL DIRECT PLATS AND PLANS PERSONNEL TO STAKE THE LOCATIONS FOR TYPE 1 MONUMENT CORING.
* PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORDS.

RESPONSIBILITY:

- 1: RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
- 2: PLATS AND PLANS TO RE-ESTABLISH MONUMENT

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	DRAWN -	REVISED -
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PLOT DATE = 3/20/2019	DATE -	REVISED -

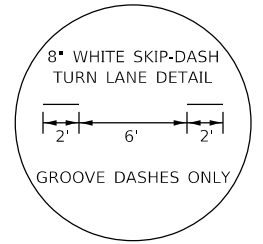
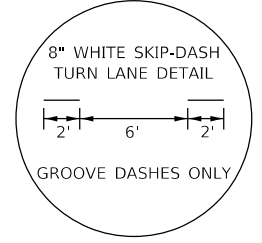
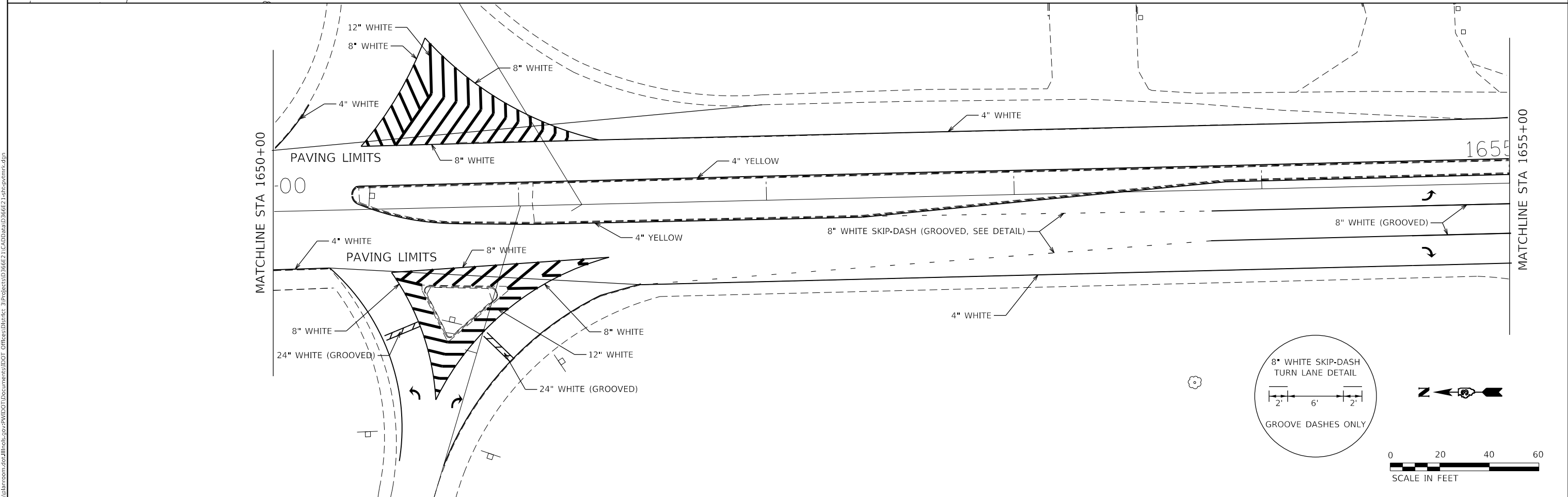
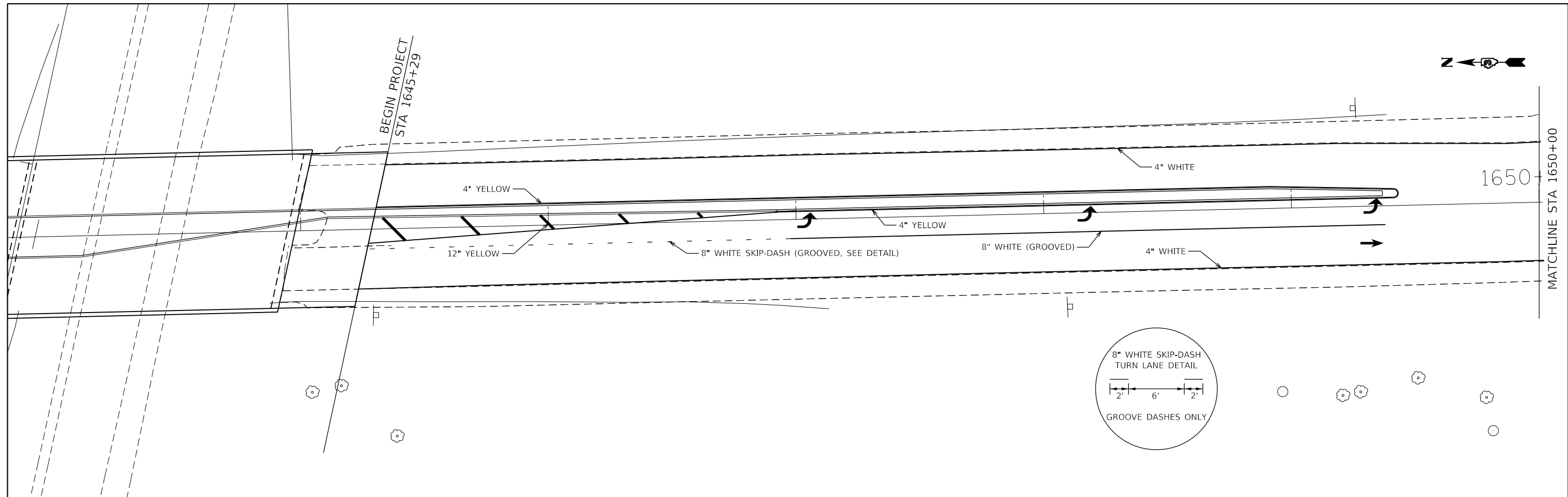
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BUREAU	52	19
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				

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DRAWN -	REVISED -	
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PLOT DATE = 3/20/2019	DATE -	REVISED -

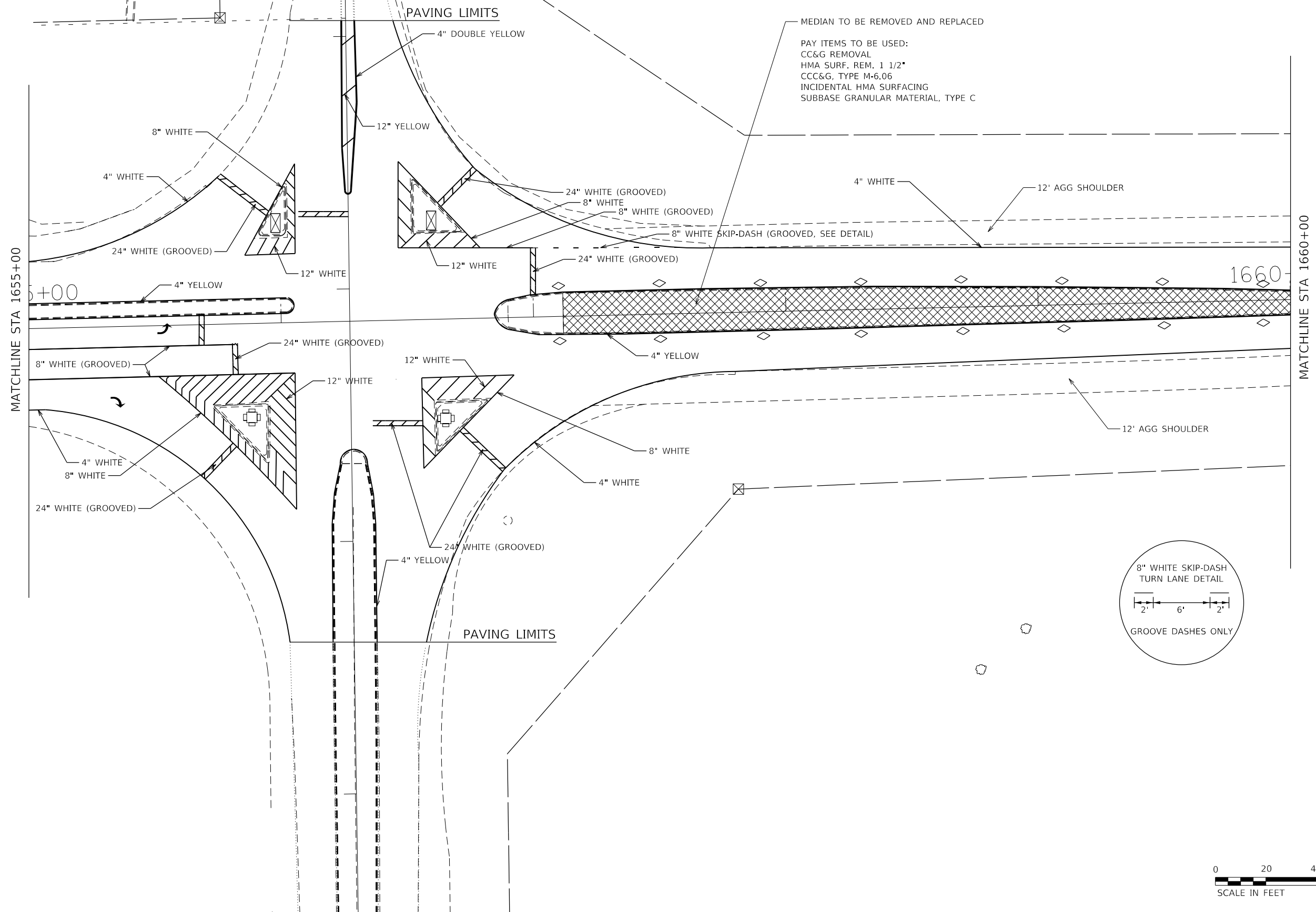
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 1 OF 21 SHEETS STA. 1660+00 TO STA. 1672+00

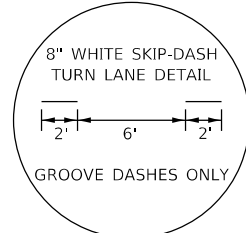
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		BUREAU =	52	20
CONTRACT NO. 66E21				

**102)RS-5,(TX-1,17)RS-36(1)RS-2 *F.A.P. 698 & F.A.U. 5605



MEDIAN TO BE REMOVED AND REPLACED

PAY ITEMS TO BE USED:
 CC&G REMOVAL
 HMA SURF. REM. 1 1/2"
 CCC&G, TYPE M-6.06
 INCIDENTAL HMA SURFACING
 SUBBASE GRANULAR MATERIAL, TYPE C



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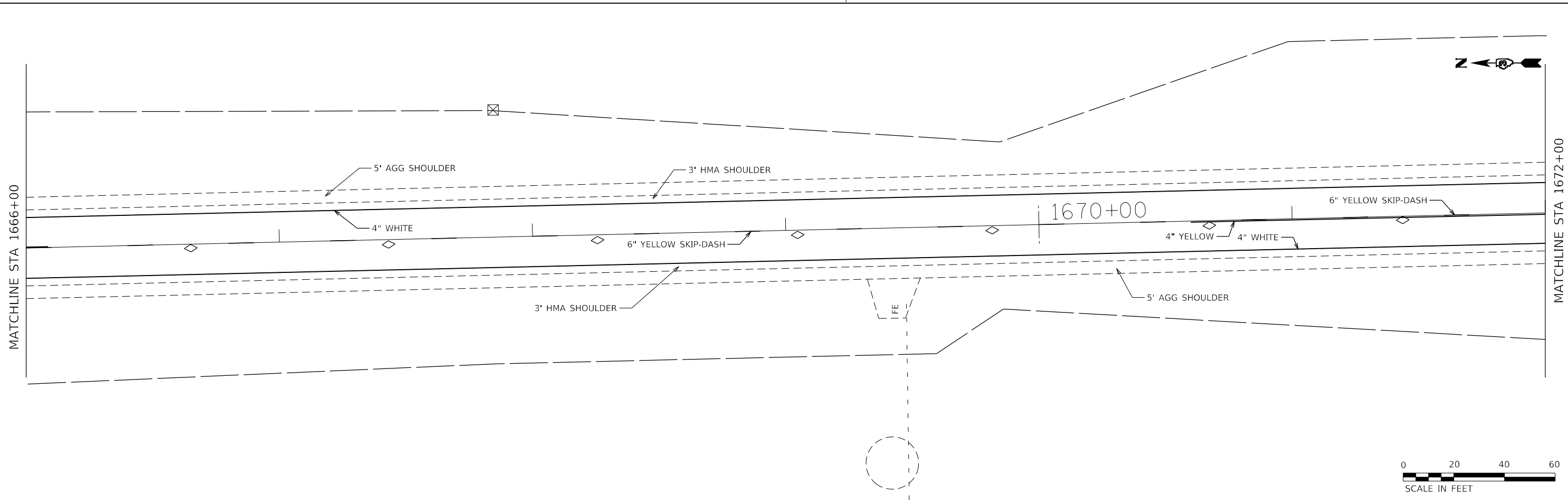
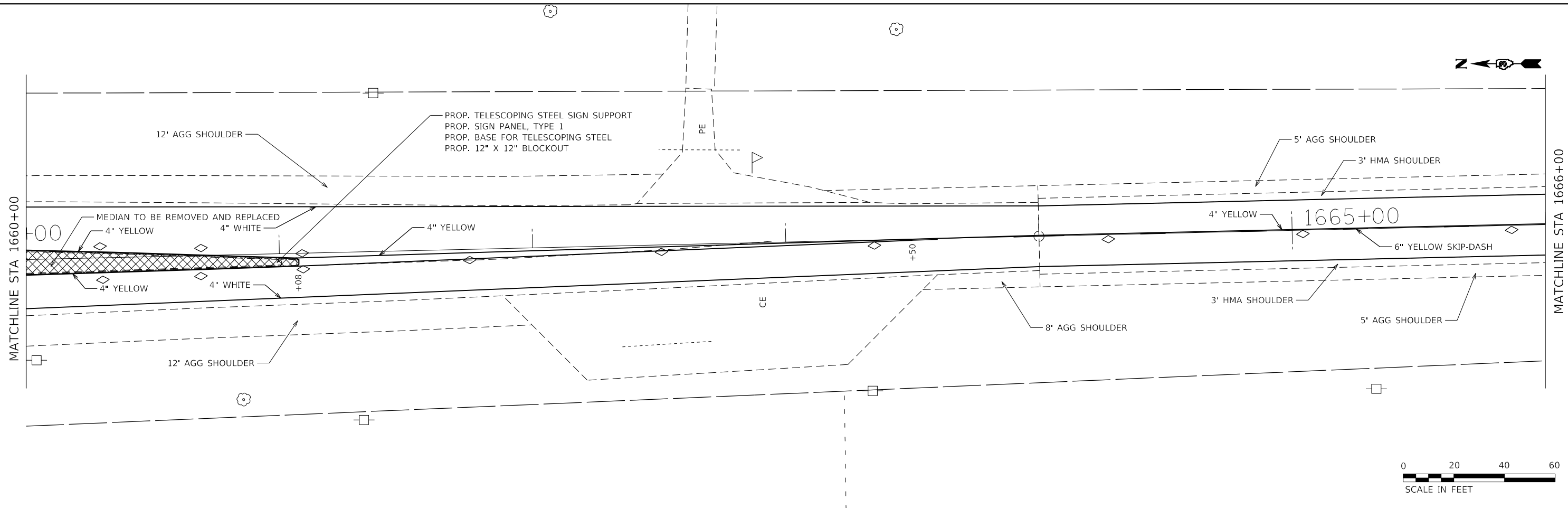
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 2 OF 21 SHEETS STA. 1654+61 TO STA. 1660+00

F.A. RTE. -	SECTION **	COUNTY	TOTAL SHEETS	SHEET NO.
		BUREAU	52	21
CONTRACT NO. 66E21				

** (102)RS-5, (TX-1, 17)RS-36 (1)RS-2 F.A.P. 698 & F.A.U. 5605



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

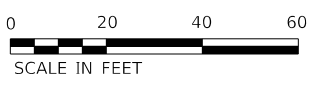
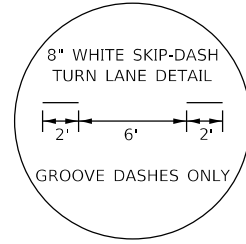
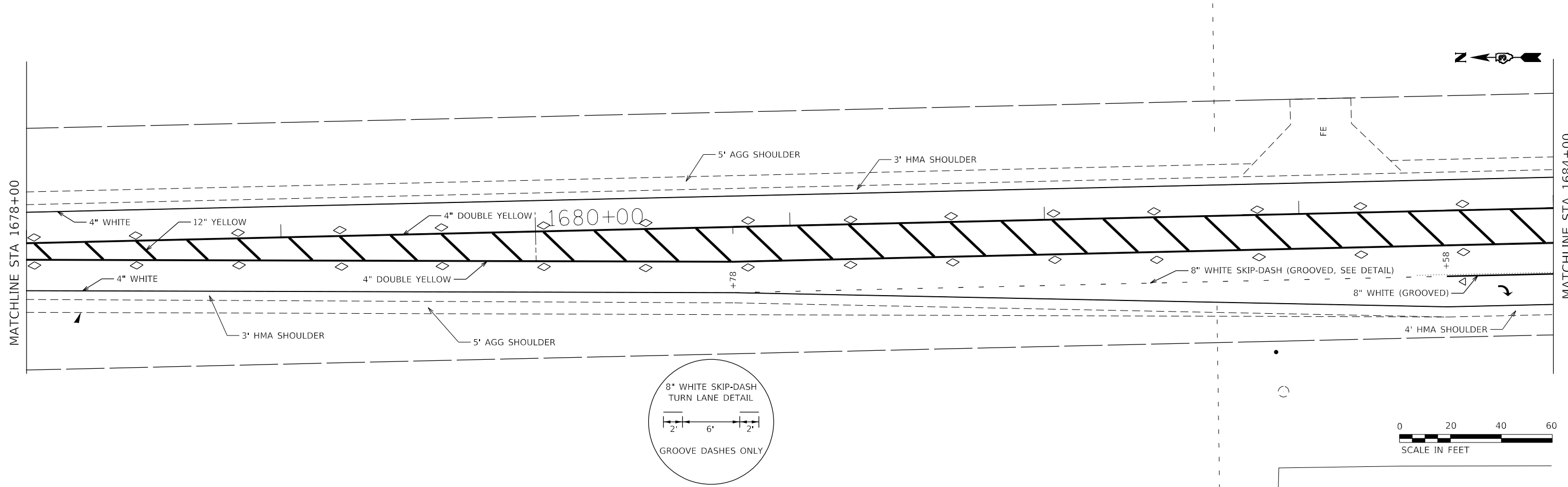
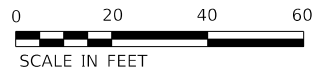
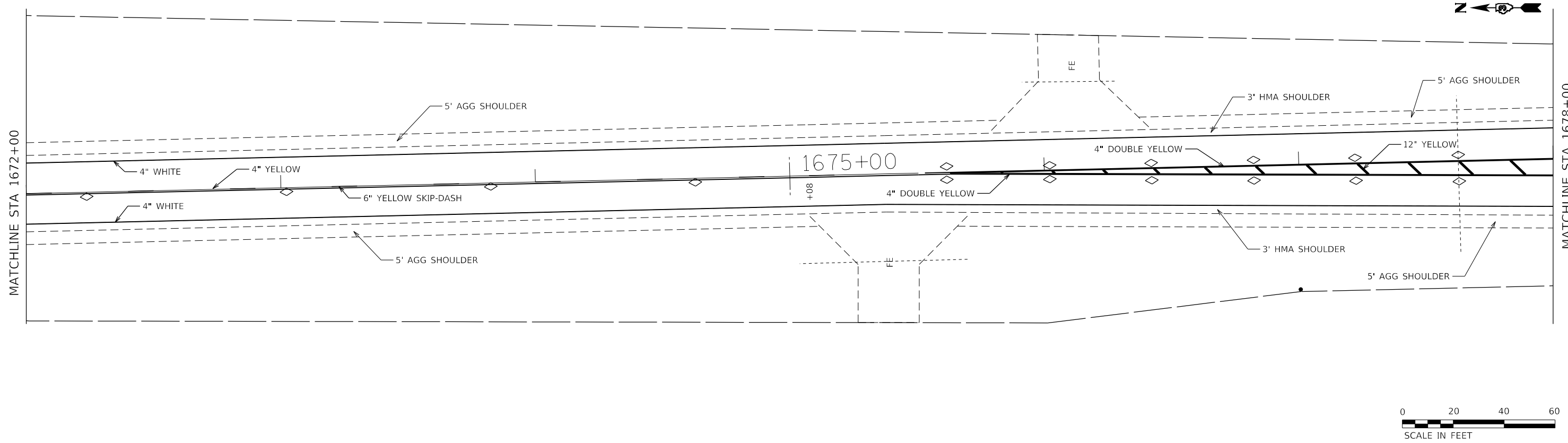
PAVEMENT MARKING PLANS

SCALE: SHEET 3 OF 21 SHEETS STA. 1660+00 TO STA. 1672+00

F.A. RTE. -	SECTION **	COUNTY	TOTAL SHEETS	SHEET NO.
		BUREAU	52	22
CONTRACT NO. 66E21				

** (102)RS-5, (TX-1, 17)RS-36 (1)RS-2
 ILLINOIS FED. AID PROJECT
 *F.A.P. 698 & F.A.U. 5605

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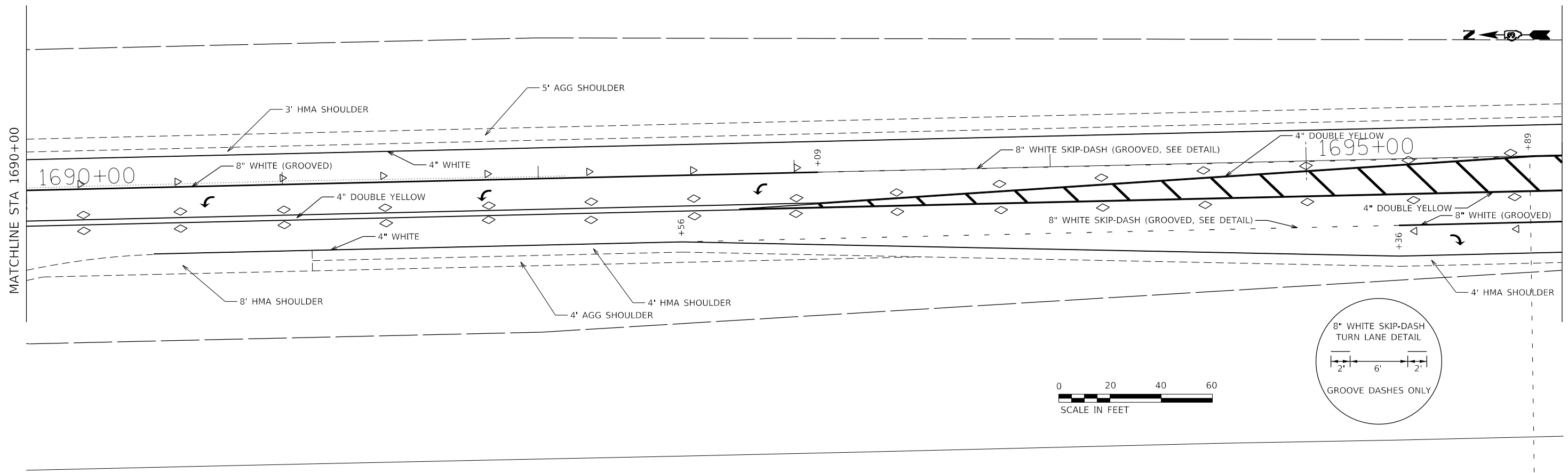
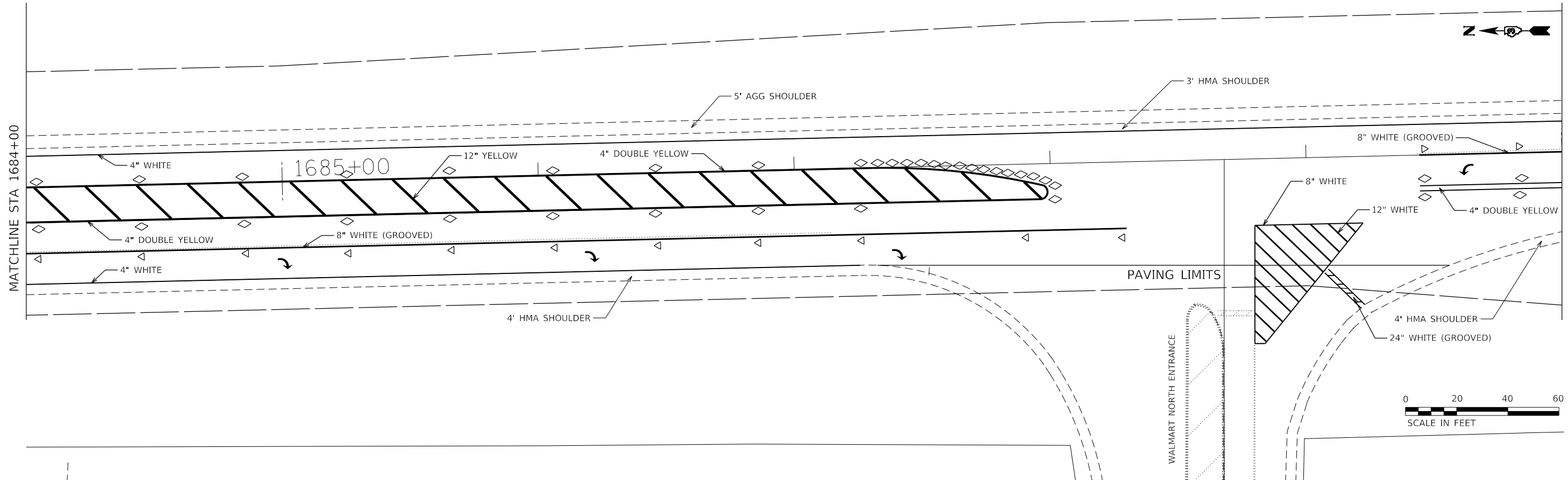
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 4 OF 21 SHEETS STA. 1672+00 TO STA. 1684+00

F.A. RTE. -	SECTION -	COUNTY -	TOTAL SHEETS -	SHEET NO. -
*	**	BUREAU -	52	23
CONTRACT NO. 66E21				

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USER NAME = nugentaj	DESIGNED -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

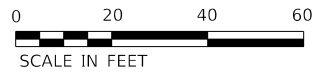
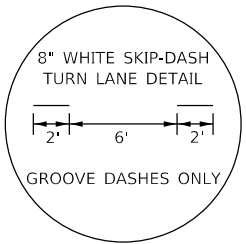
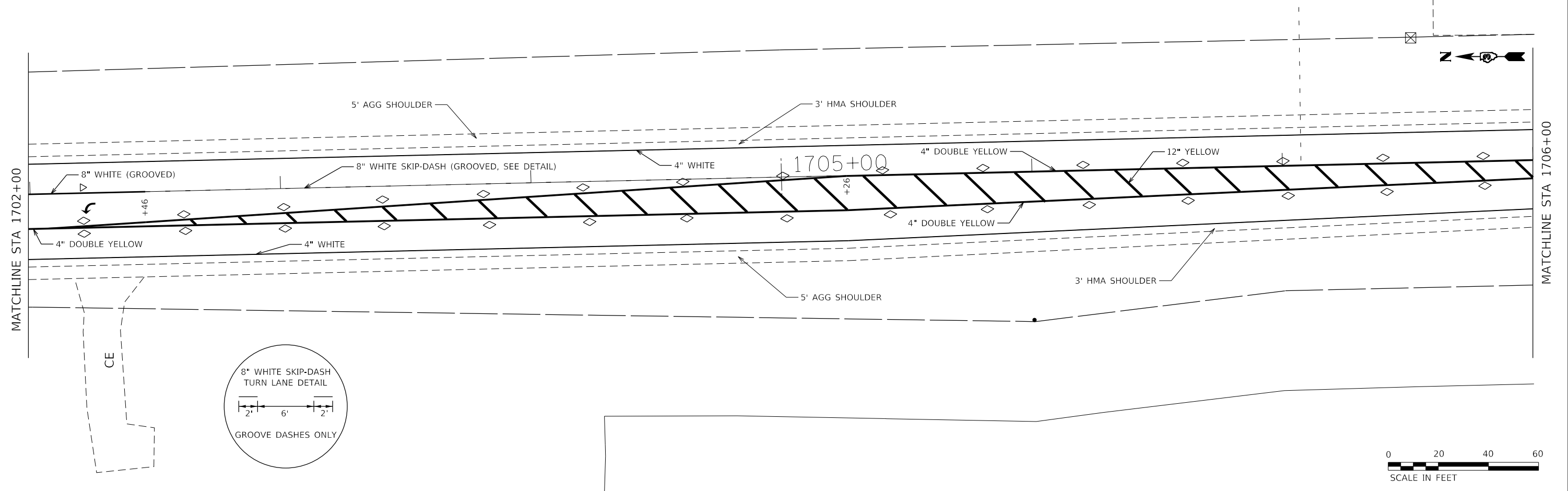
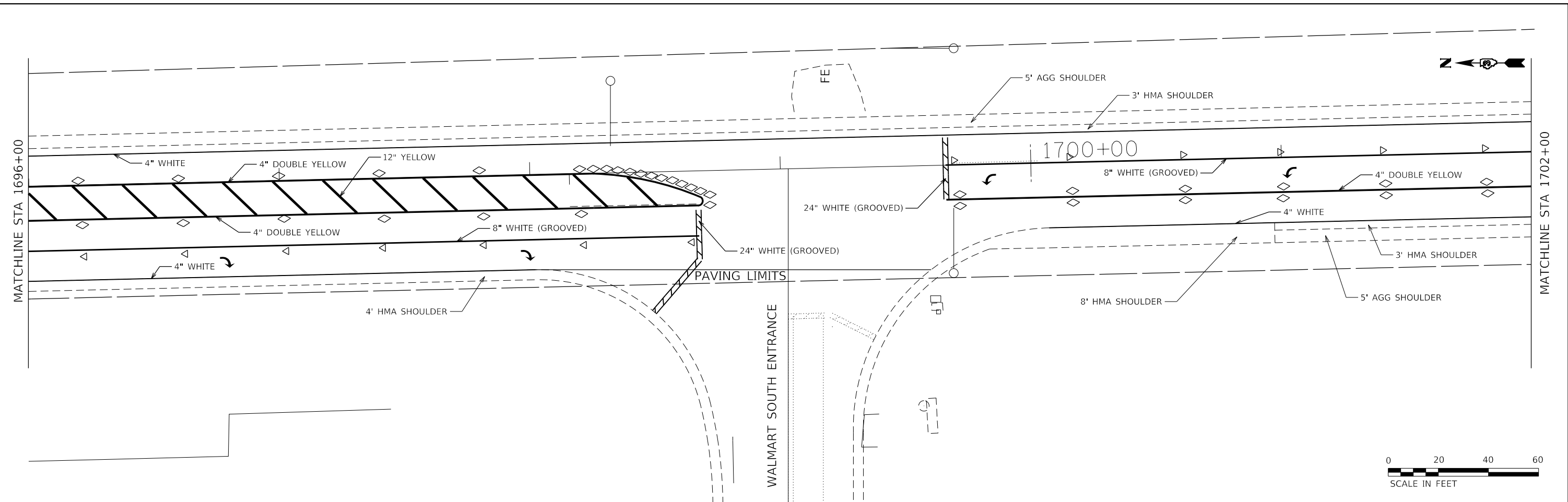
PAVEMENT MARKING PLANS

SCALE: SHEET 5 OF 21 SHEETS STA. 1684+00 TO STA. 1696+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	BUREAU	52	24
CONTRACT NO. 66E21				
ILLINOIS		FED. AID PROJECT		

** (102)RS-5, (TX-1, 17)RS-36 (1)RS-2 F.A.P. 698 & F.A.U. 5605

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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

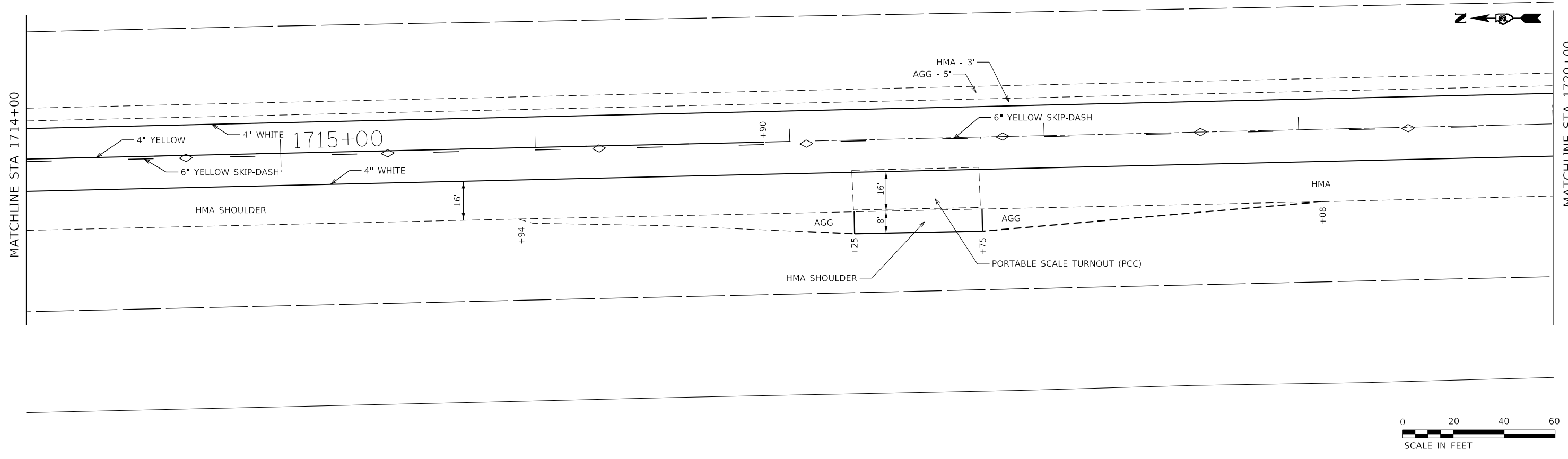
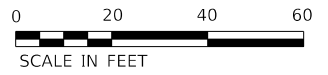
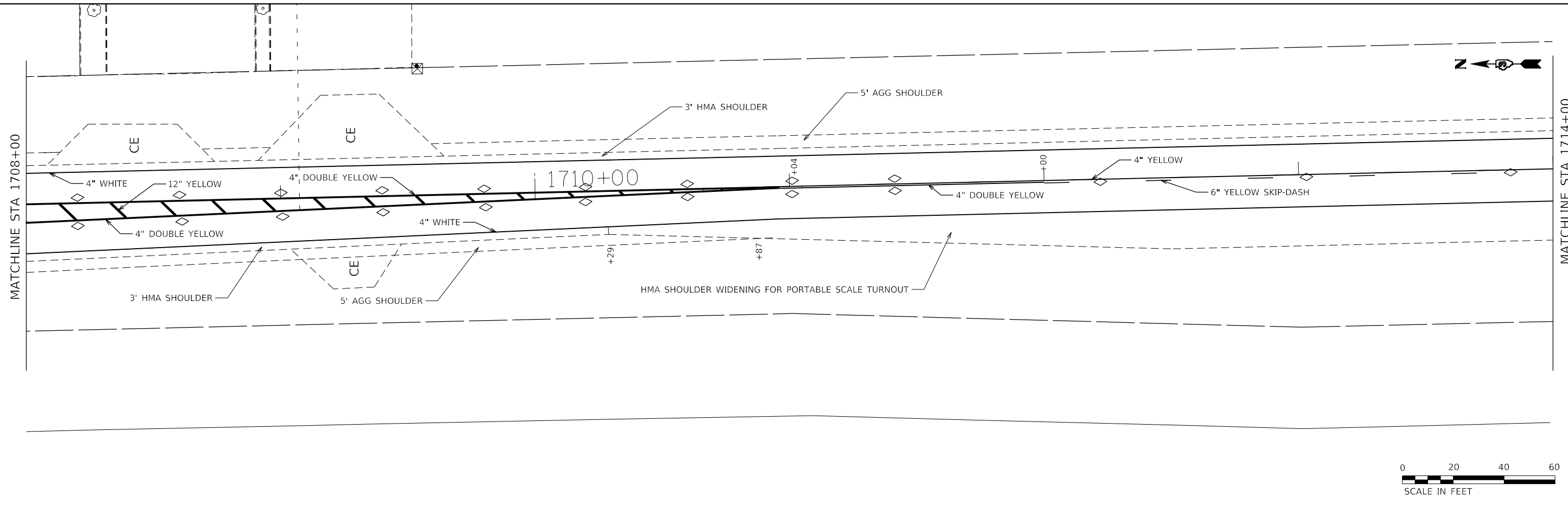
PAVEMENT MARKING PLANS

SCALE: SHEET 6 OF 21 SHEETS STA. 1696+00 TO STA. 1706+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	BUREAU	52	25
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				

**102)RS-5,(TX-1,17)RS-36(1)RS-2 *F.A.P. 698 & F.A.U. 5605

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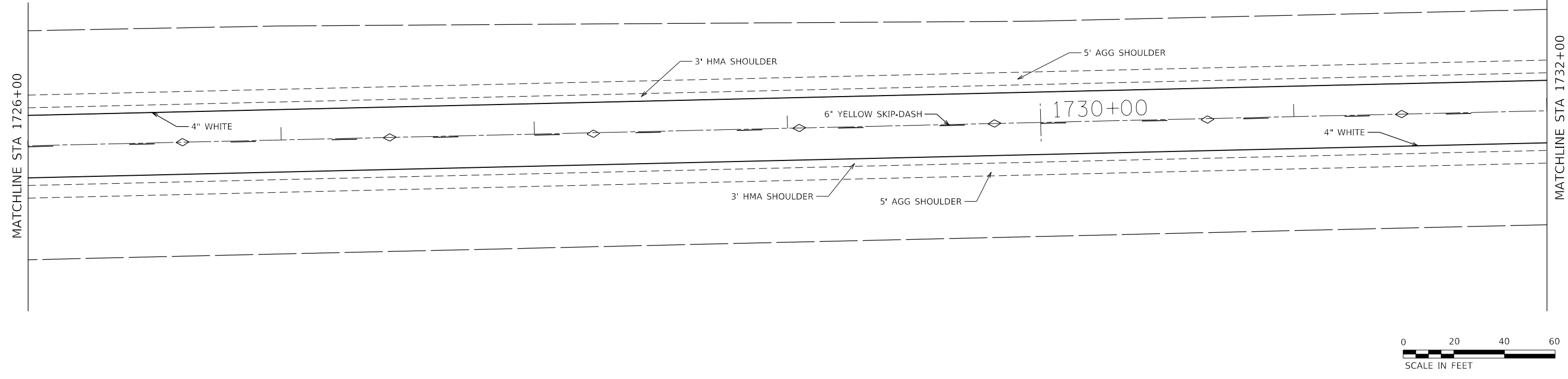
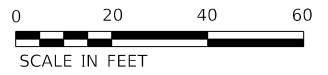
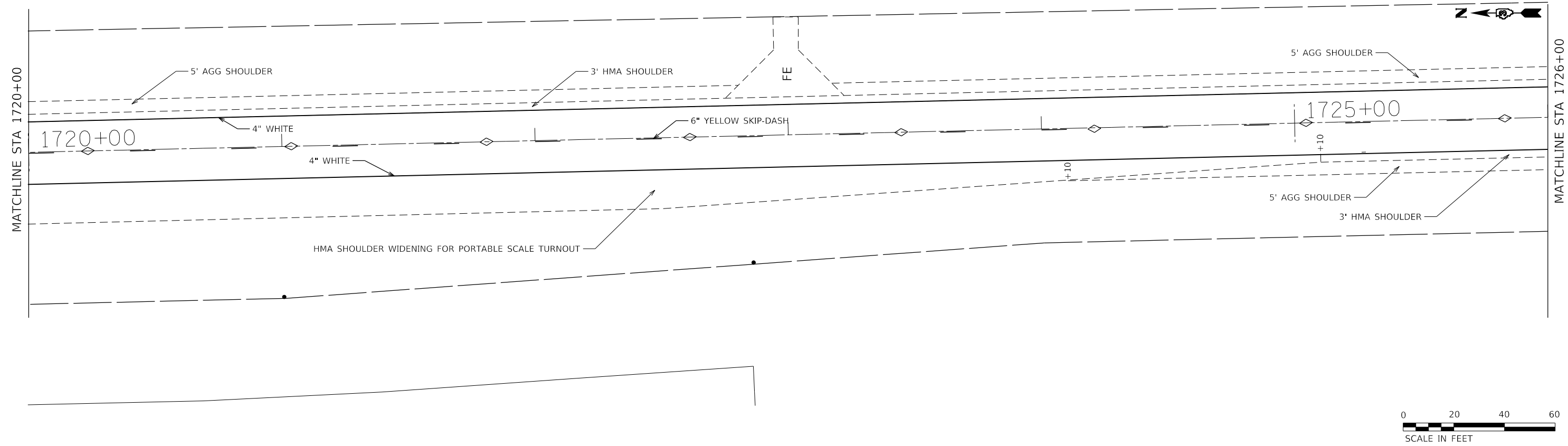
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 7 OF 21 SHEETS STA. 1706+00 TO STA. 1720+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	BUREAU	52	26
CONTRACT NO. 66E21				

ILLINOIS FED. AID PROJECT **F.A.P. 698 & F.A.U. 5605
 *(102)RS-5,(TX-1,17)RS-3&(1)RS-2



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	DATE -	REVISED -

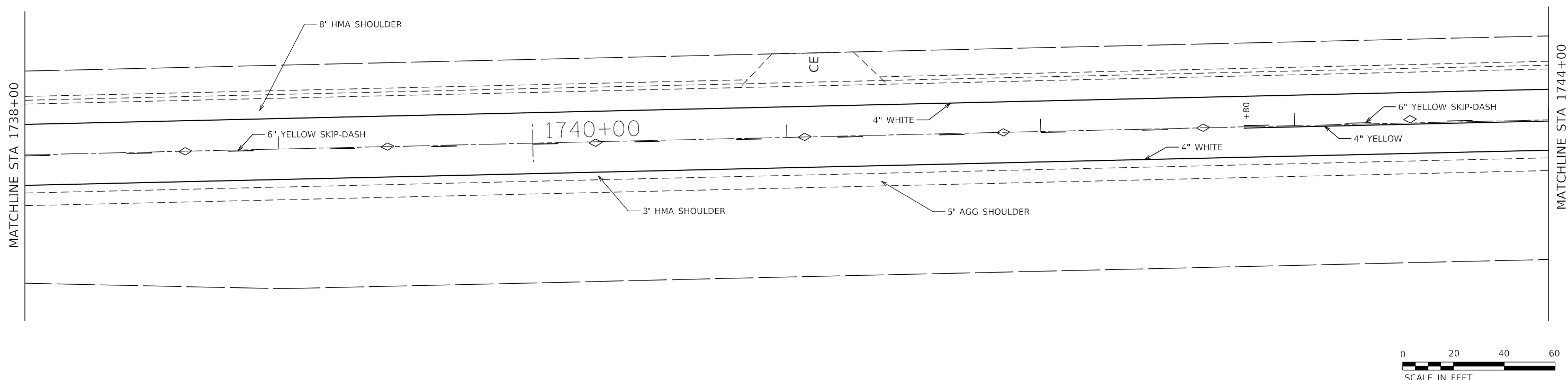
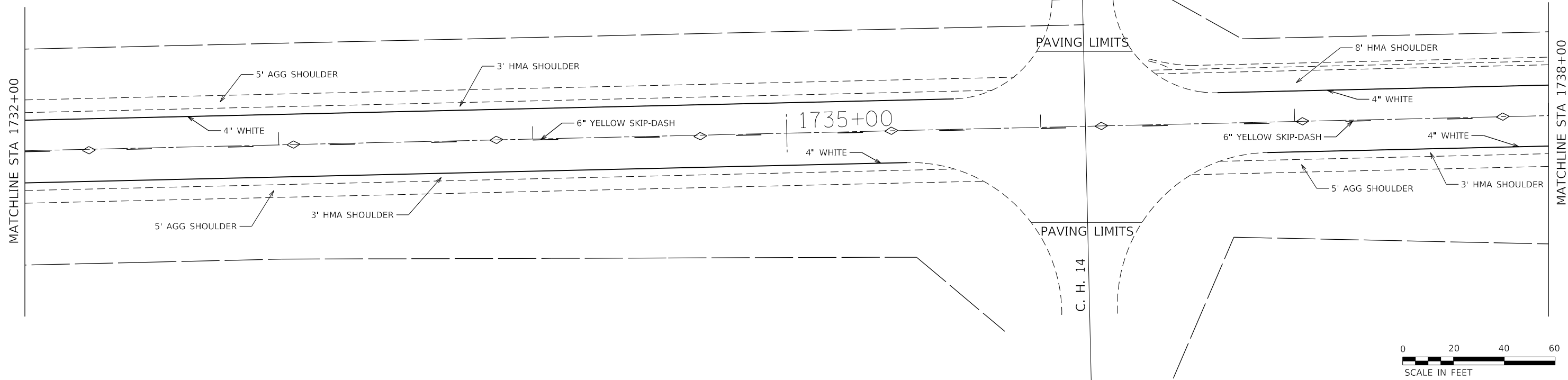
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 8 OF 21 SHEETS STA. 1720+00 TO STA. 1732+00

F.A. RTE. -	SECTION **	COUNTY	TOTAL SHEETS	SHEET NO.
		BUREAU	52	27
CONTRACT NO. 66E21				

** (102)RS-5, (TX-1, 17)RS-36 (1)RS-2
 ILLINOIS FED. AID PROJECT
 *F.A.P. 698 & F.A.U. 5605



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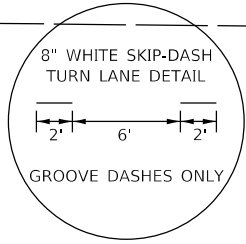
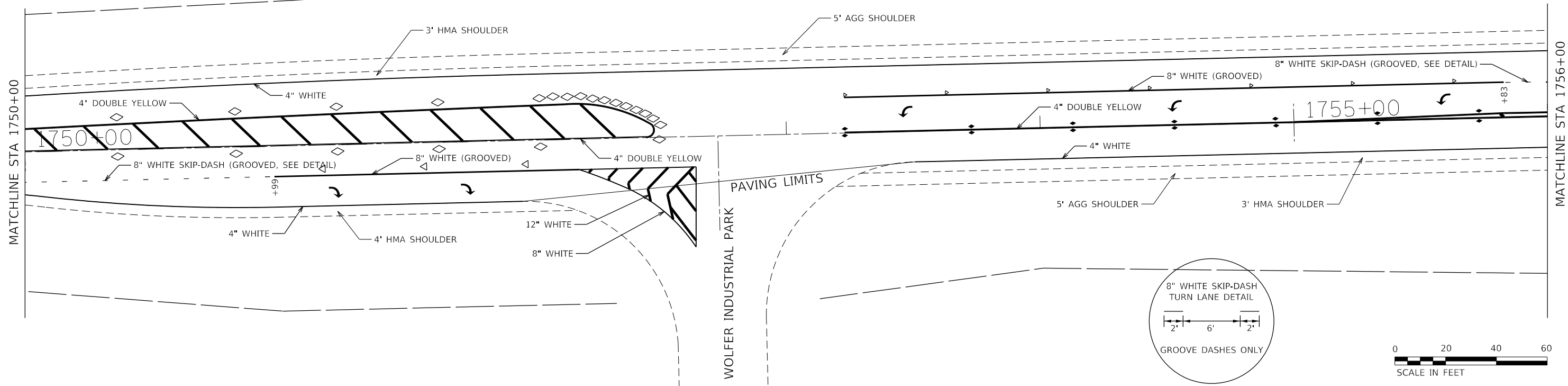
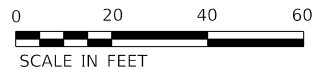
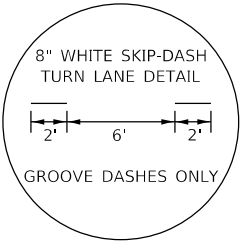
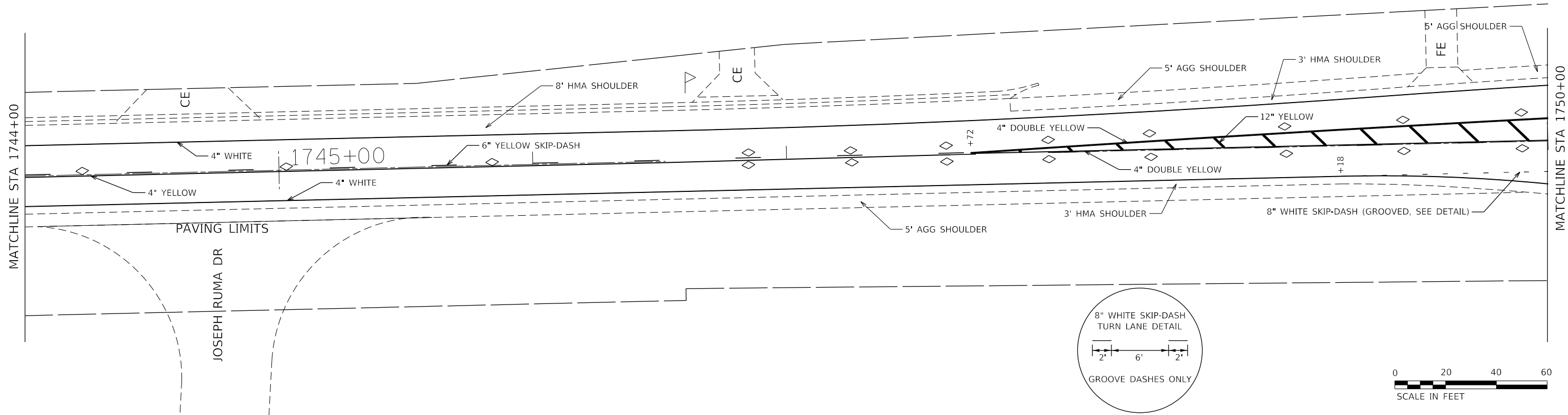
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 9 OF 21 SHEETS STA. 1732+00 TO STA. 1744+00

F.A. RTE. -	SECTION **	COUNTY	TOTAL SHEETS	SHEET NO.
		BUREAU	52	28
CONTRACT NO. 66E21				

**ILLINOIS FED. AID PROJECT
 *(102)RS-5,(TX-1,17)RS-36(1)RS-2
 *F.A.P. 698 & F.A.U. 5605



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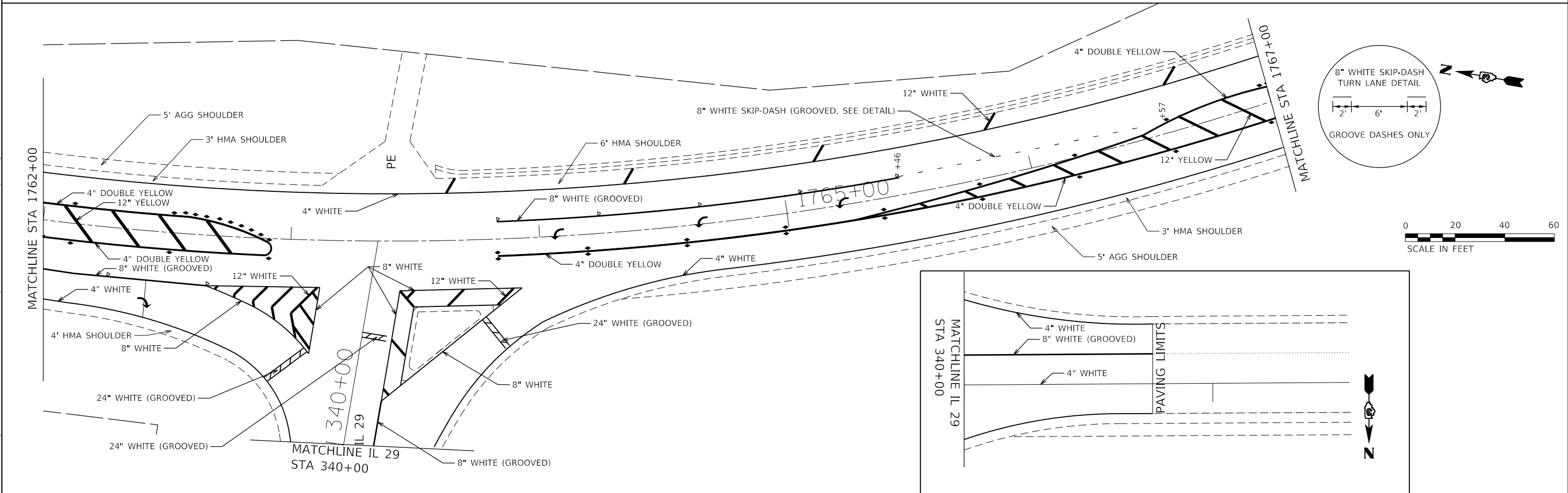
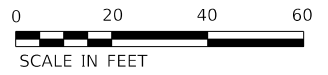
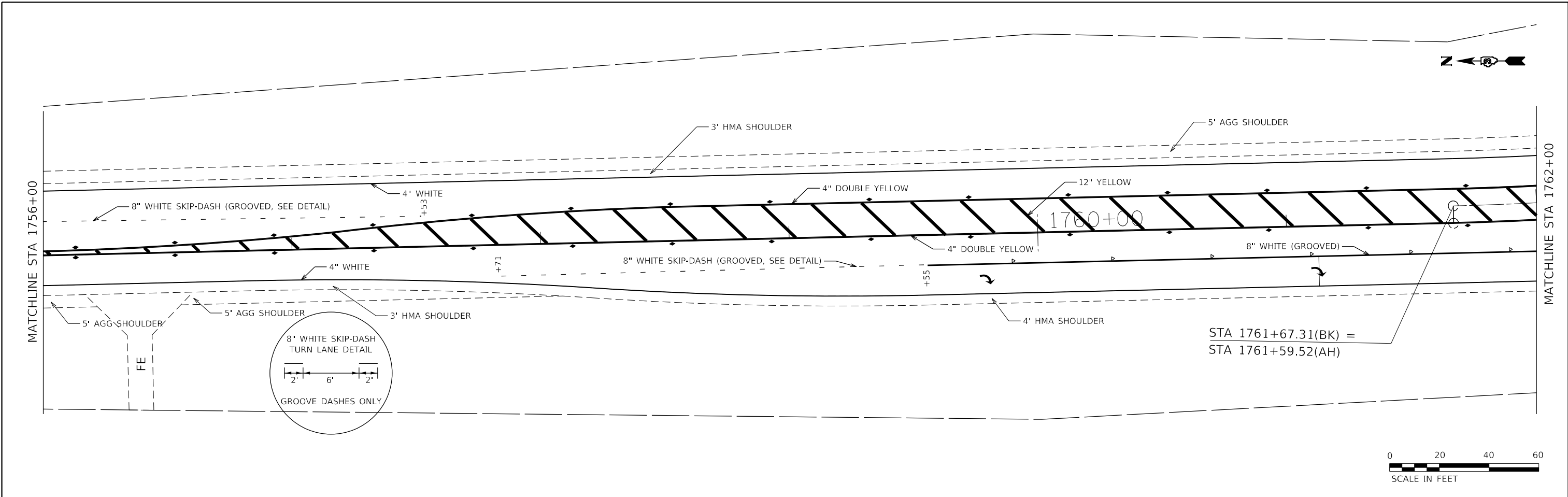
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 10 OF 21 SHEETS STA. 1744+00 TO STA. 1756+00

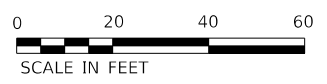
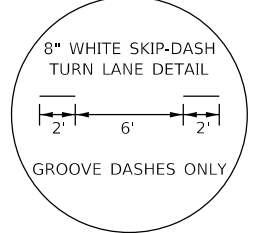
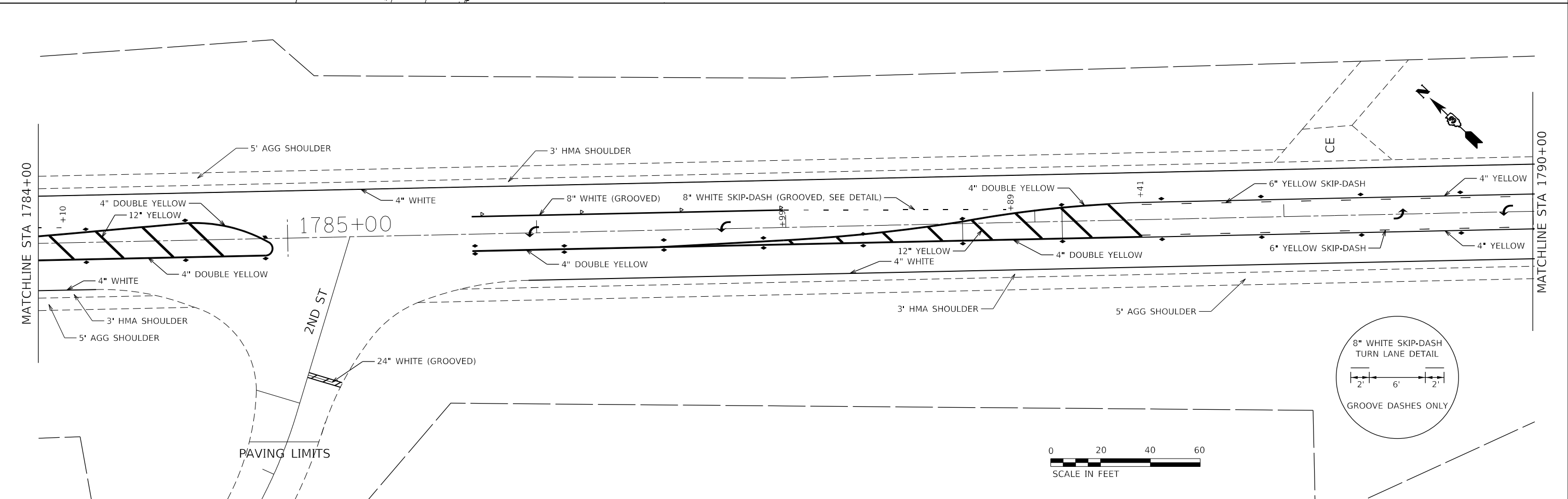
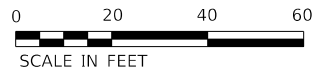
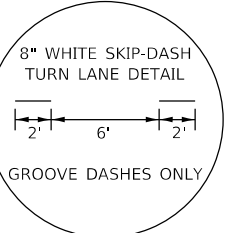
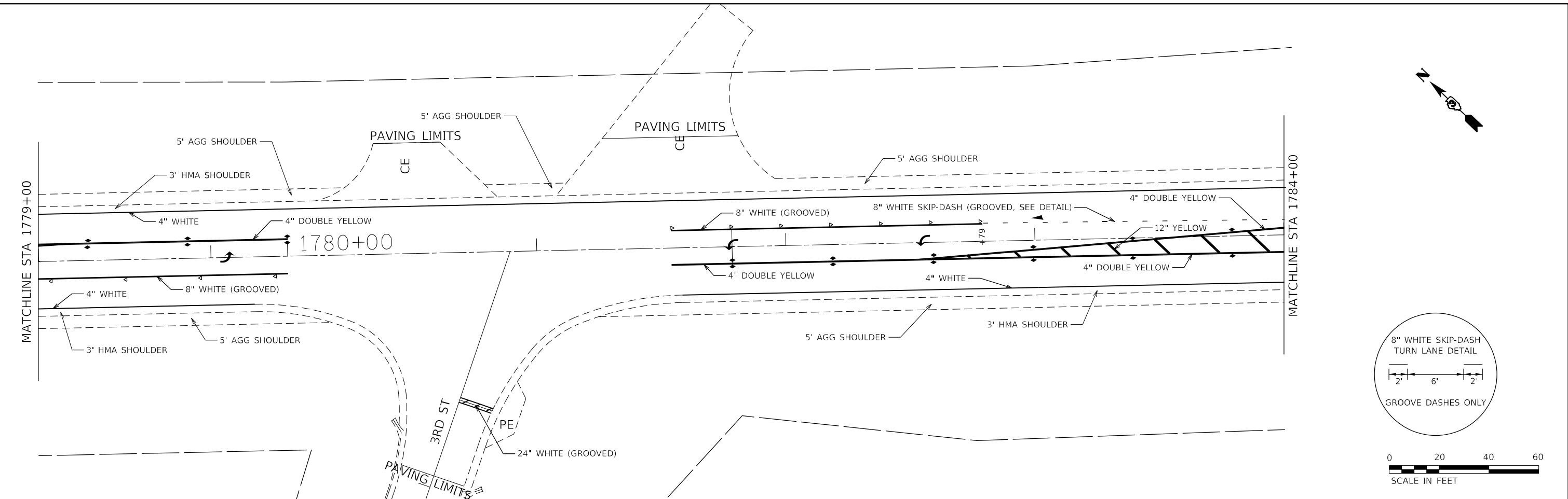
F.A. RTE. -	SECTION -	COUNTY -	TOTAL SHEETS -	SHEET NO. -
-	**	BUREAU	52	29
CONTRACT NO. 66E21				

** (102)RS-5, (TX-1, 17)RS-36 (1)RS-2
 *F.A.P. 698 & F.A.U. 5605



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	PLOT DATE = 3/20/2019	CHECKED -	REVISED -					CONTRACT NO. 66E21				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET 11 OF 21 SHEETS	STA. 1756+00 TO STA. 1767+00	** (102)RS-5, (TX-1, 17)RS-36 (1)RS-2 *F.A.P. 698 & F.A.U. 5605				

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	DATE -	REVISED -

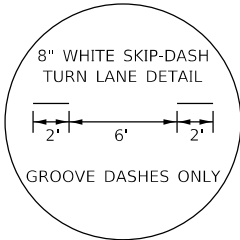
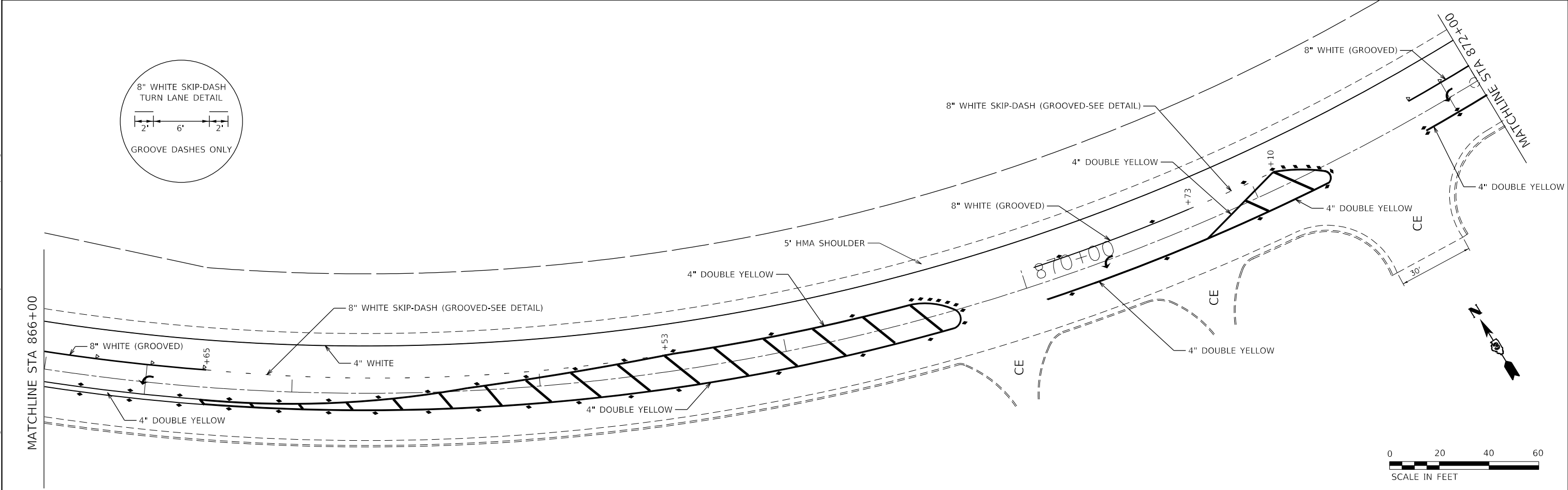
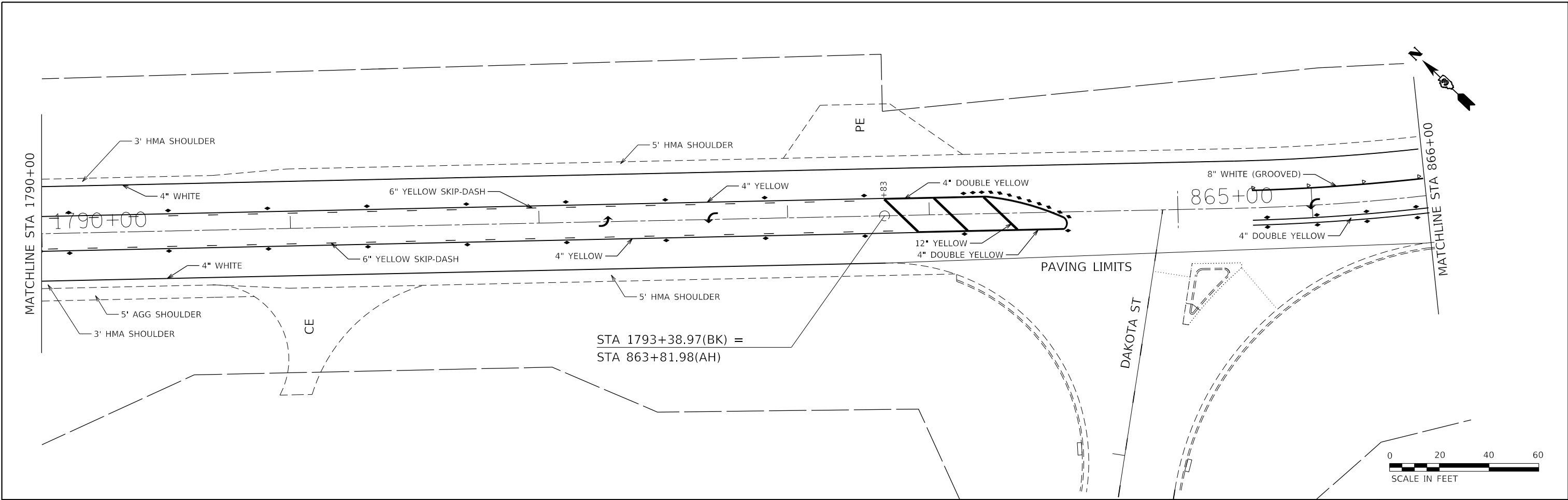
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 13 OF 21 SHEETS STA. 1779+00 TO STA. 1790+00

F.A. RTE. -	SECTION -	COUNTY -	TOTAL SHEETS -	SHEET NO. -
-	**	BUREAU -	52	32
CONTRACT NO. 66E21				

ILLINOIS FED. AID PROJECT
 **102)RS-5,(TX-1,17)RS-36(1)RS-2
 *F.A.P. 698 & F.A.U. 5605



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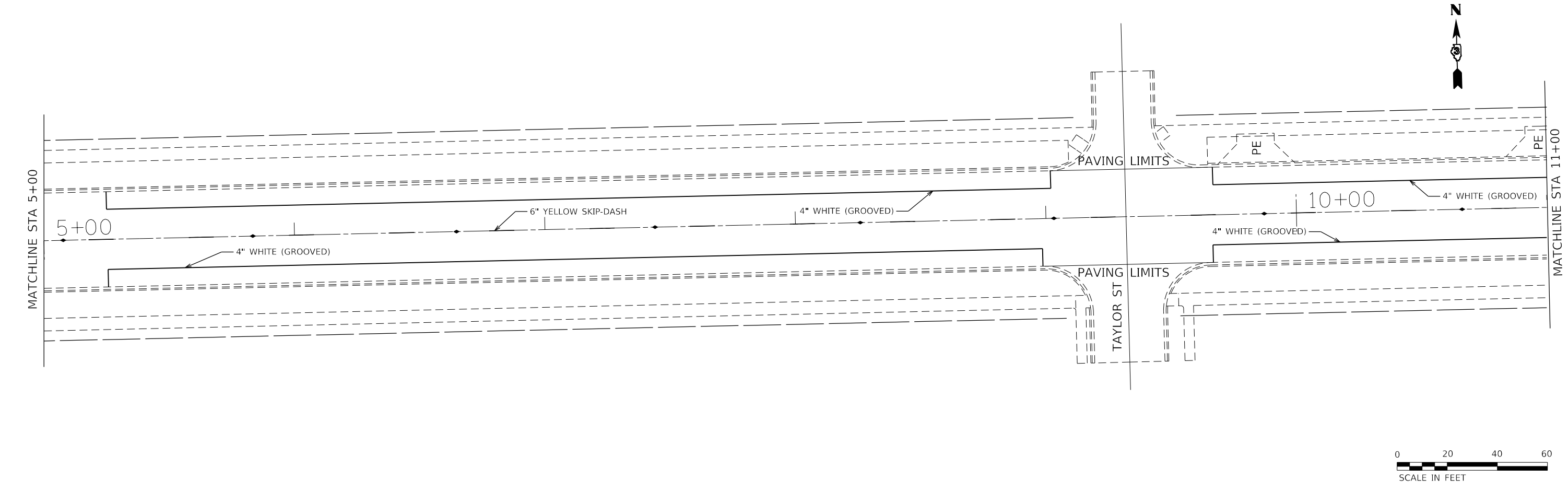
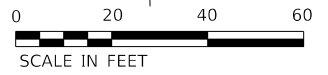
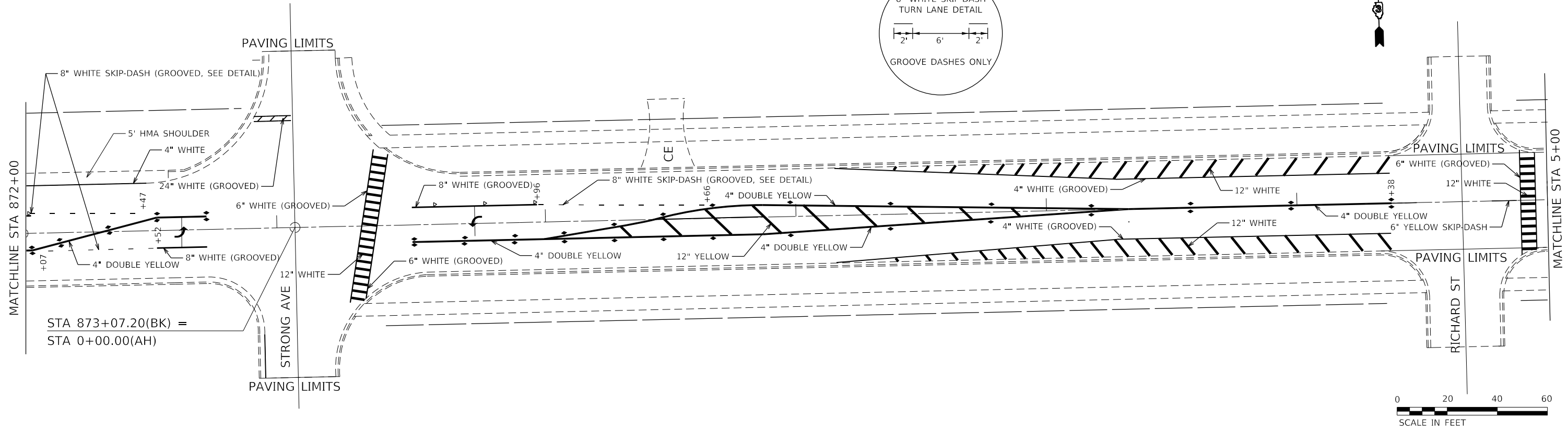
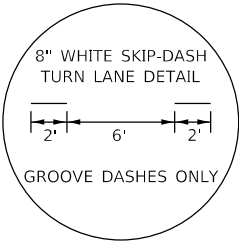
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 14 OF 21 SHEETS STA. 1790+00 TO STA. 872+00

F.A. RTE. -	SECTION -	COUNTY -	TOTAL SHEETS -	SHEET NO. -
-	**	BUREAU	52	33
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				

**102)RS-5,(TX-1,17)RS-36(1)RS-2
 *F.A.P. 698 & F.A.U. 5605



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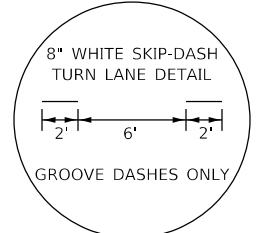
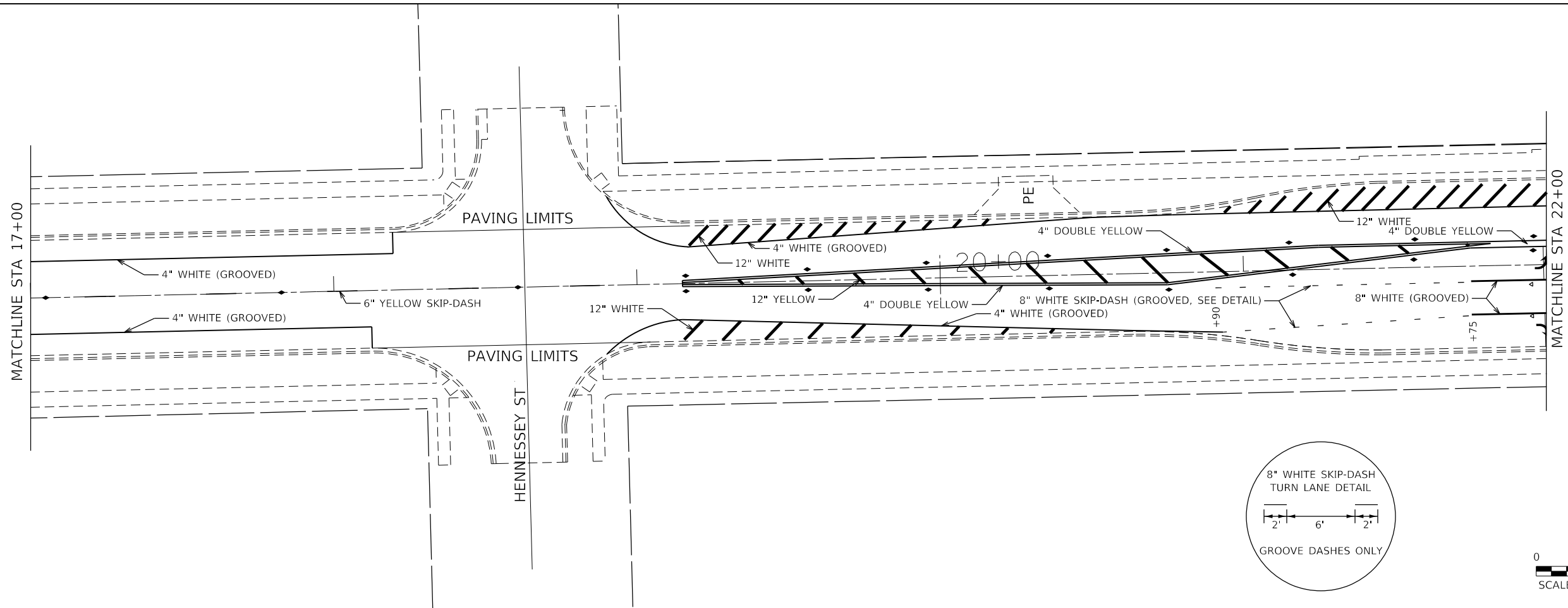
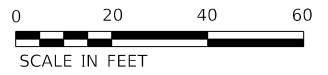
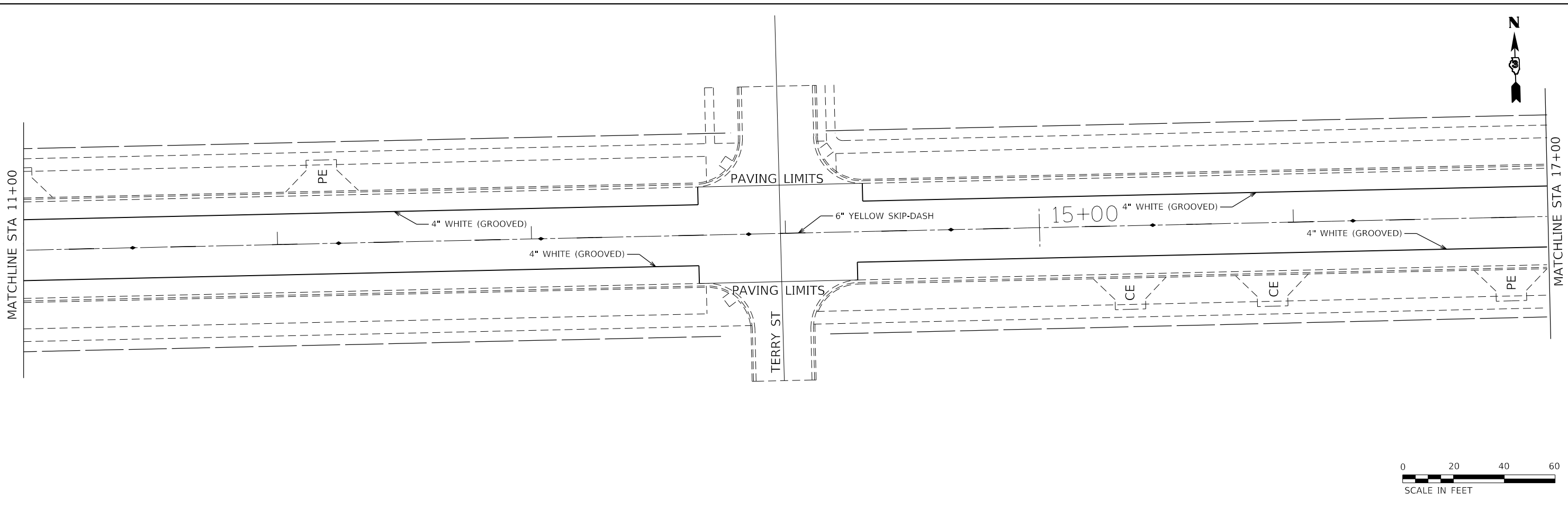
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 15 OF 21 SHEETS STA. 872+00 TO STA. 11+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	BUREAU	52	34
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				

** (102)RS-5, (TX-1, 17)RS-36 (1)RS-2 F.A.P. 698 & F.A.U. 5605



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

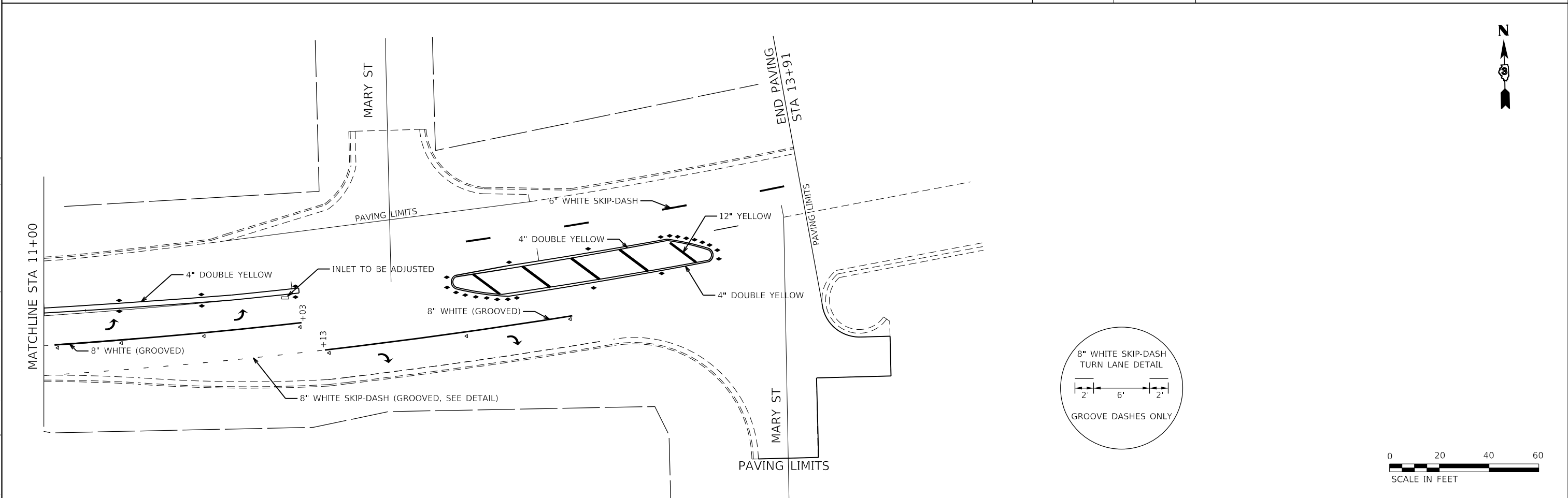
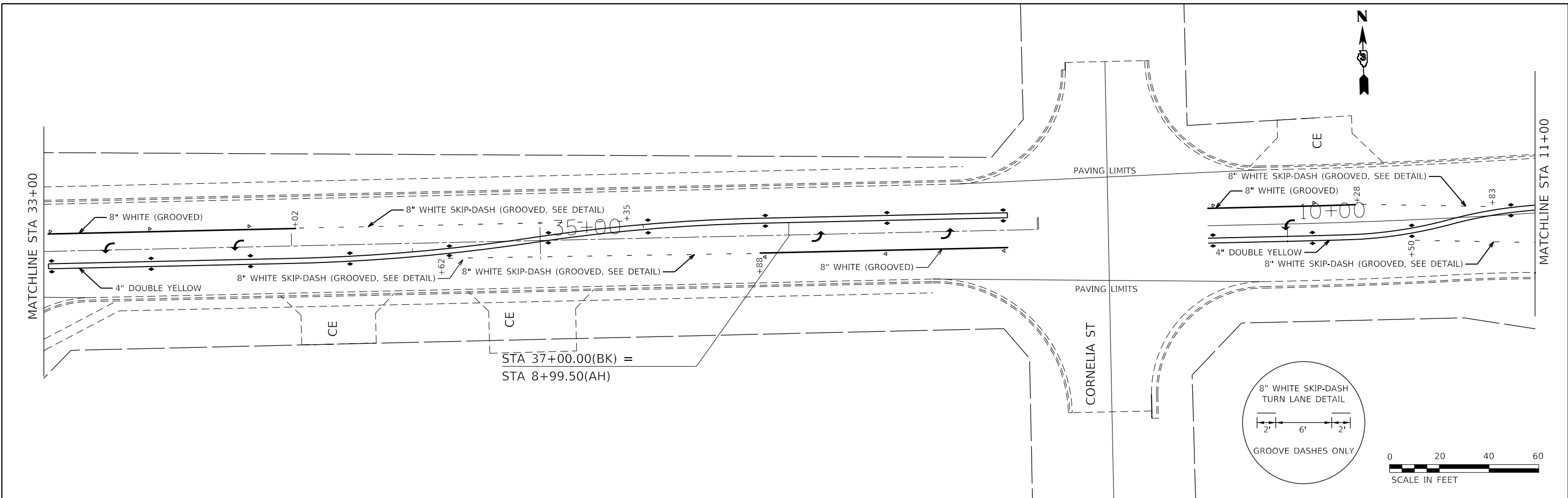
PAVEMENT MARKING PLANS

SCALE: SHEET 16 OF 21 SHEETS STA. 11+00 TO STA. 22+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	BUREAU	52	35
CONTRACT NO. 66E21				

** (102)RS-5, (TX-1, 17)RS-36 (1)RS-2 F.A.P. 698 & F.A.U. 5605

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

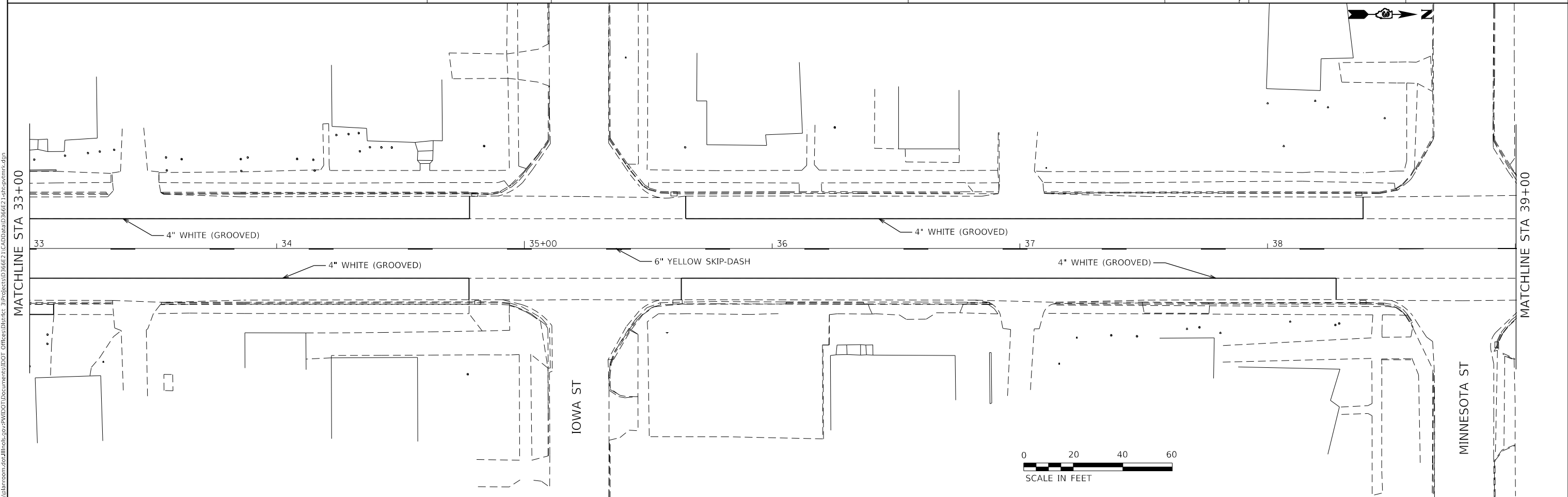
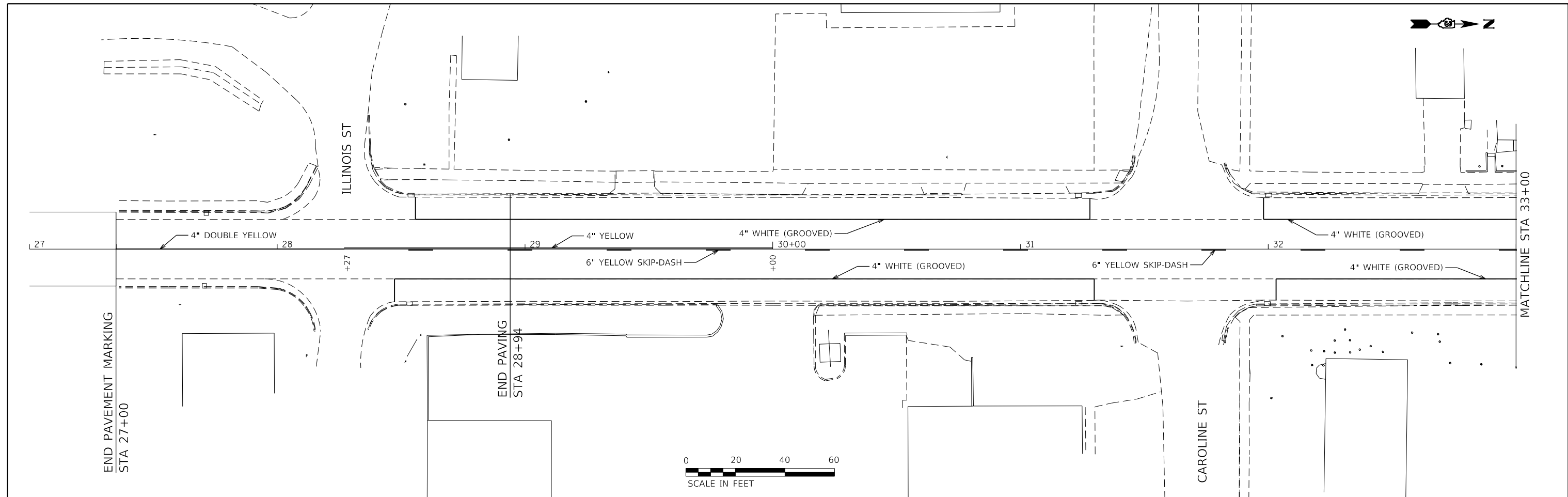
PAVEMENT MARKING PLANS

SCALE: SHEET 18 OF 21 SHEETS STA. 33+00 TO STA. 13+91

F.A. RTE. -	SECTION -	COUNTY -	TOTAL SHEETS -	SHEET NO. -
-	**	-	52	37
ILLINOIS FED. AID PROJECT			BUREAU CONTRACT NO. 66E21	

**102)RS-5,(TX-1,17)RS-36(1)RS-2 *F.A.P. 698 & F.A.U. 5605

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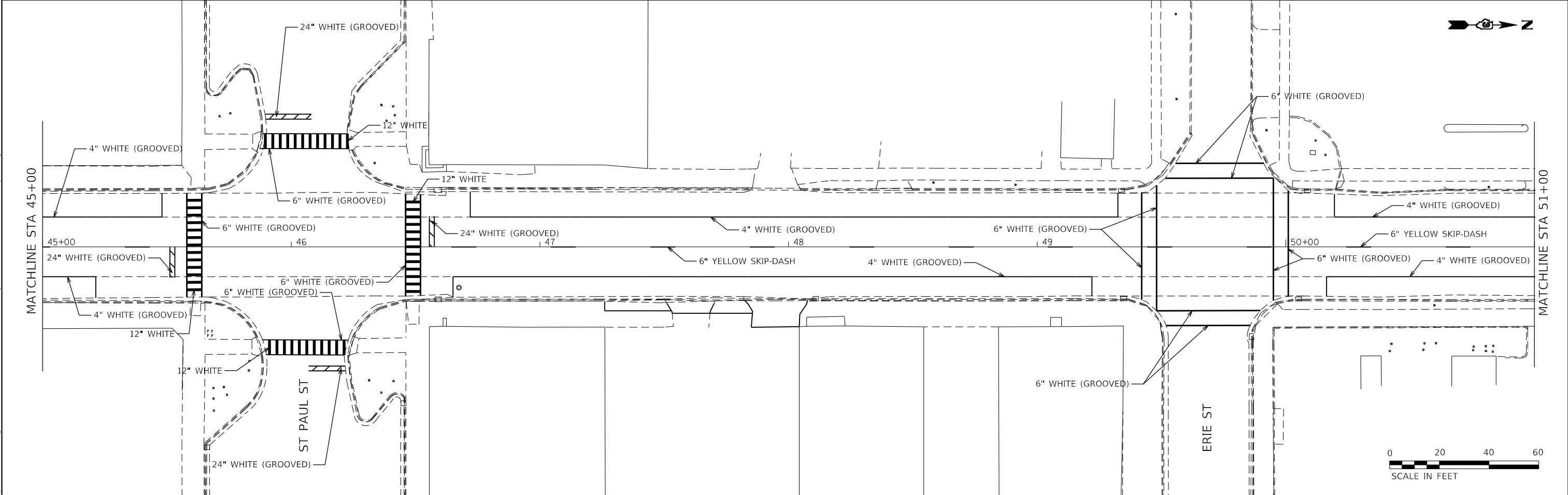
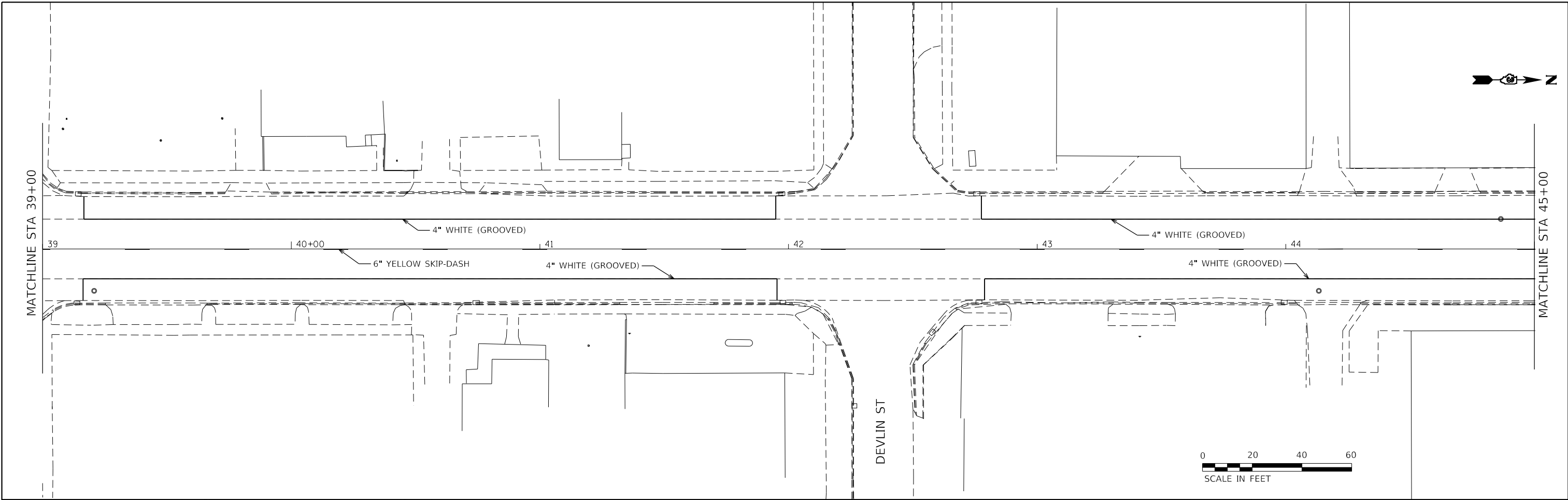
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 19 OF 21 SHEETS STA. 27+00 TO STA. 39+00

F.A. RTE. -	SECTION -	COUNTY -	TOTAL SHEETS -	SHEET NO. -
-	**	BUREAU -	52	38
CONTRACT NO. 66E21				
ILLINOIS		FED. AID PROJECT		

** (102)RS-5, (TX-1, 17)RS-36 (1)RS-2 *F.A.P. 698 & F.A.U. 5605



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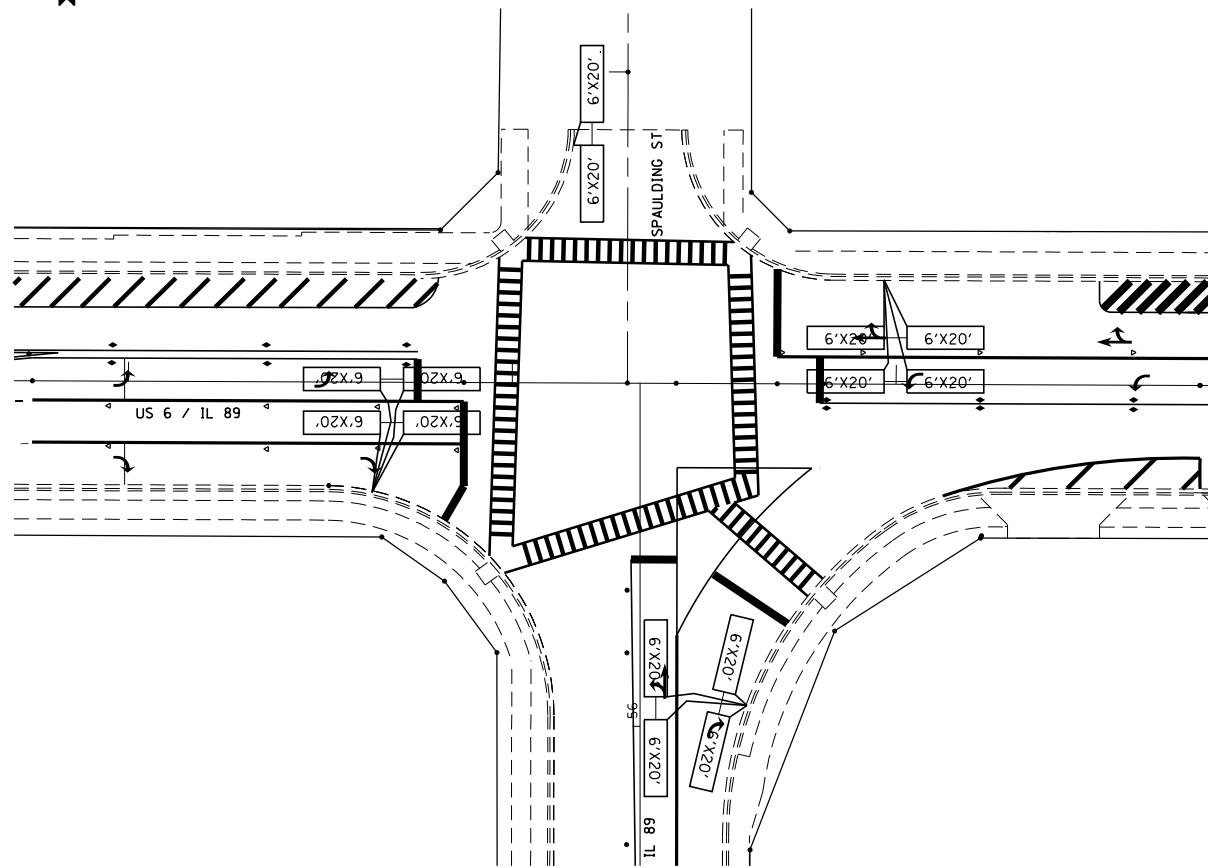
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PLOT DATE = 3/20/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLANS			
SCALE:	SHEET 20 OF 21 SHEETS	STA. 39+00 TO STA. 51+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	BUREAU	52	39
CONTRACT NO. 66E21				
ILLINOIS FED. AID PROJECT				

** (102)RS-5, (TX-1, 17)RS-36 (1)RS-2
 *F.A.P. 698 & F.A.U. 5605



TRAFFIC SIGNAL NOTES

1. PLACE DETECTOR LOOPS IN BINDER
2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
4. 6' X 20' TYPICAL DETECTOR LOOPS WITH 6' SPACING, 10' FROM PROJECTED EDGE LINE OR STOP BARS.
5. THE DISTRICT 3 TRAFFIC SIGNAL UNIT IN THE BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
LOOP DETECTOR TY 1 (SPAULDING NB)	FOOT	264
LOOP DETECTOR TY 1 (SPAULDING SB)	FOOT	113
LOOP DETECTOR TY 1 (US 6/IL 89 EB)	FOOT	298
LOOP DETECTOR TY 1 (US 6/IL 89 WB)	FOOT	283
LOOP DETECTOR TESTING	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1

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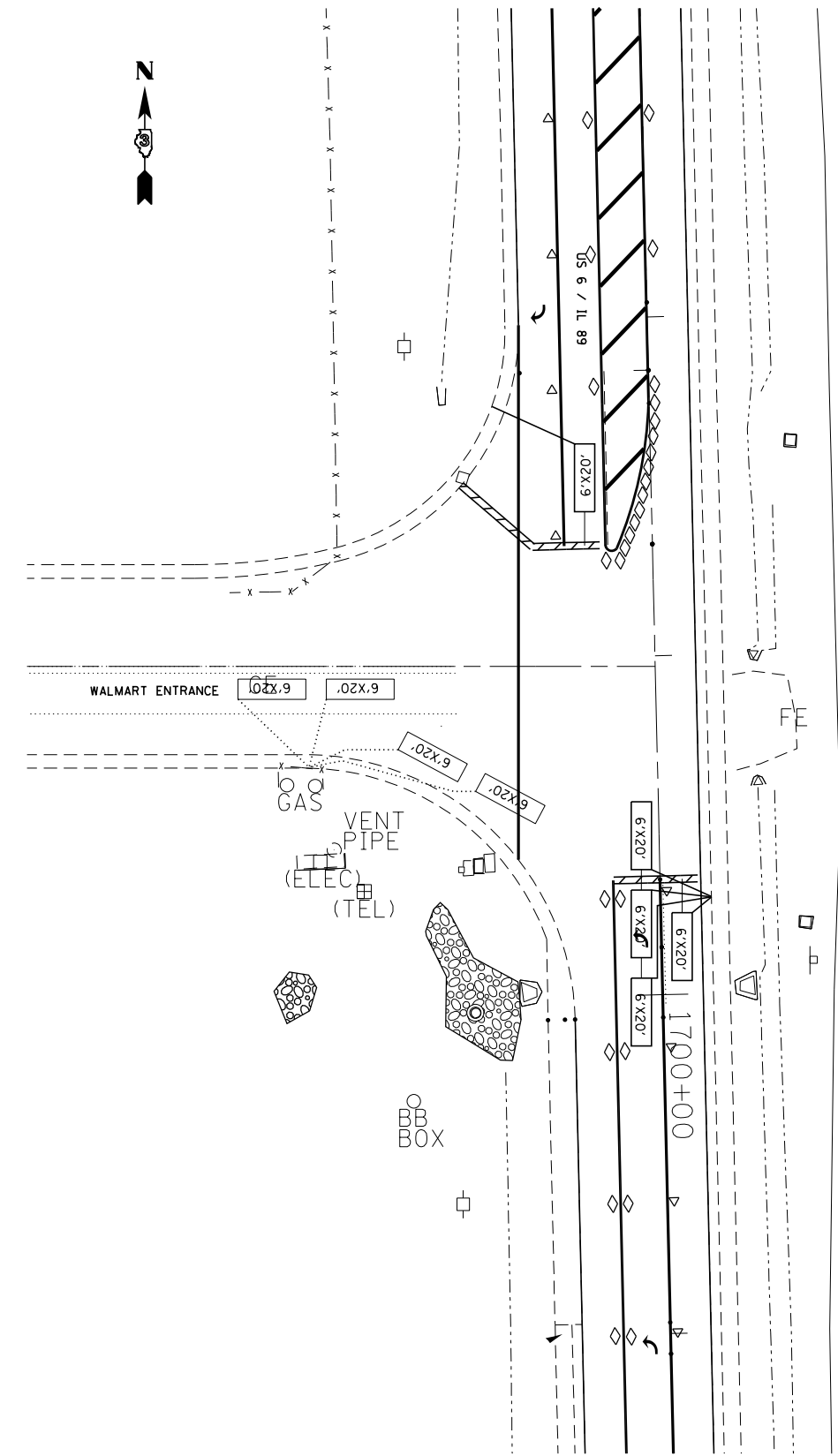
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
DETECTOR LOOPS AT IL 89 / US 6

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**		52	41
			CONTRACT NO. 66E21	
		ILLINOIS	FED. AID PROJECT	



TRAFFIC SIGNAL NOTES

1. PLACE DETECTOR LOOPS IN BINDER
2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
4. 6' X 20' TYPICAL DETECTOR LOOPS WITH 6' SPACING, 10' FROM PROJECTED EDGE LINE OR STOP BARS.
5. THE DISTRICT 3 TRAFFIC SIGNAL UNIT IN THE BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
LOOP DETECTOR TY 1 (WALMART)	FOOT	103
LOOP DETECTOR TY 1 (US 6 / IL 89 NB)	FOOT	323
LOOP DETECTOR TY 1 (US 6 / IL 89 SB)	FOOT	108
LOOP DETECTOR TESTING	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1

* NB AND SB far loops are located 567' from stop bars

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

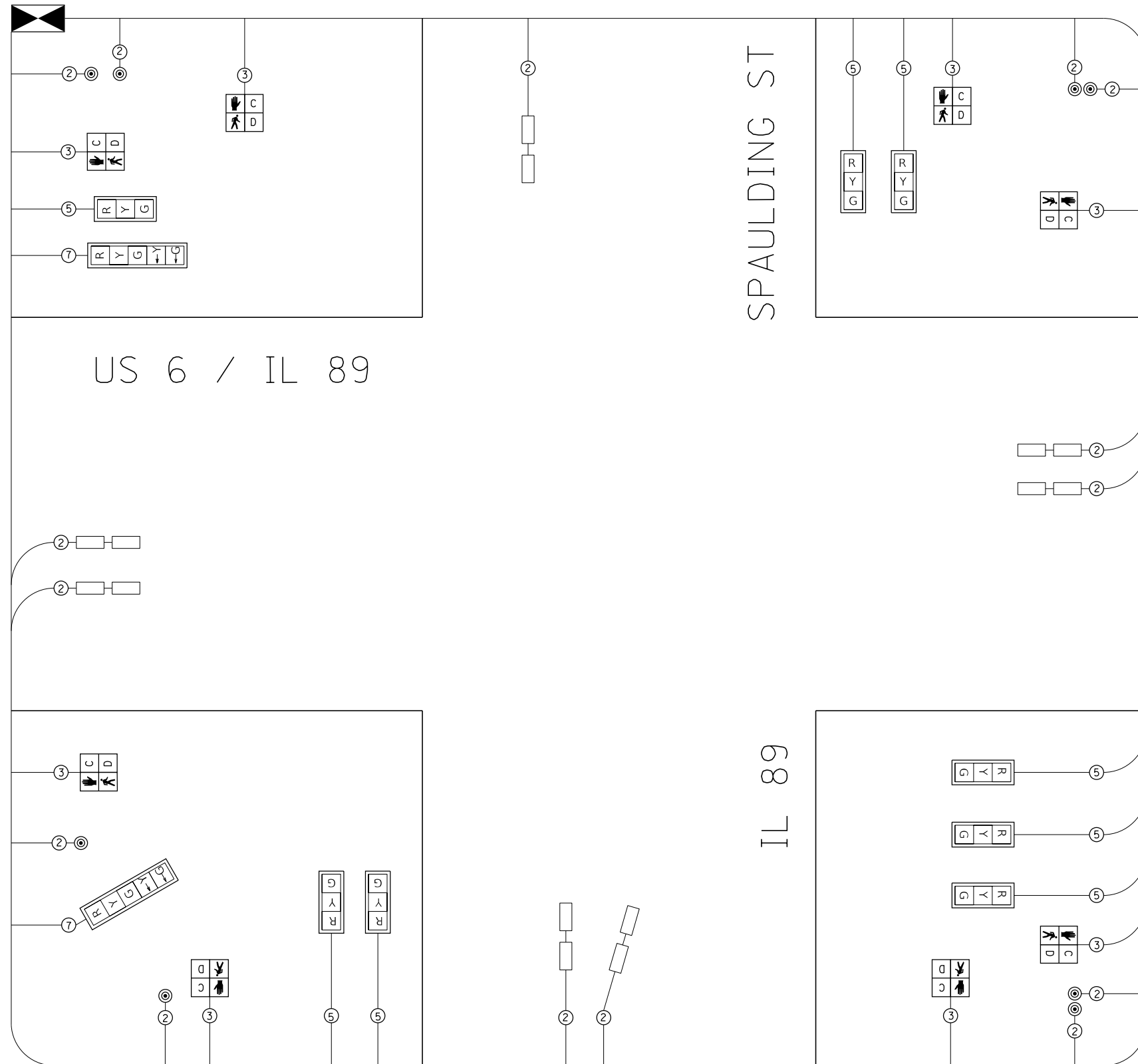
**DETAILS
DETECTOR LOOPS AT WALMART ENTRANCE**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**		52	42
			CONTRACT NO. 66E21	

** (102)RS-5,(TX-1,17)RS-36(1)RS-2

* F.A.P. 698 & F.A.U. 5605



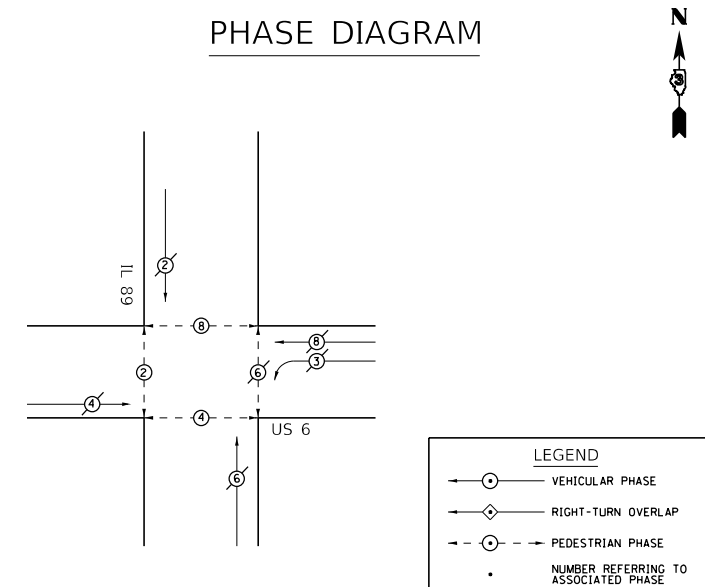
US 6 / IL 89

SPAULDING ST

IL 89

- ### LEGEND
- CONTROLLER CABINET
 - SERVICE INSTALLATION
 - VEHICLE DETECTOR, INDUCTION LOOP
 - LIGHT DETECTOR
 - CONFIRMATION BEACON
 - LIGHTING UNIT
 - * NUMBER OF CONDUCTORS.
 - LEFT TURN YELLOW
 - LEFT TURN GREEN
 - SIGNAL SECTION 8"
 - SIGNAL SECTION 12"
 - WALK/DON'T WALK SECTION
 - PEDESTRIAN PUSH-BUTTON
 - TRAFFIC SIGNAL BACKPLATE
 - H/C GROUND CABLE ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
 - P/MA GROUND ROD AT POST (P) OR MAST ARM (M)
 - S GROUND ROD AT ELECTRIC SERVICE INSTALLATION
 - TELEPHONE
 - UPS UNINTERRUPTIBLE POWER SUPPLY, EXTENDED
 - YELLOW FLASHING BEACON

PHASE DIAGRAM



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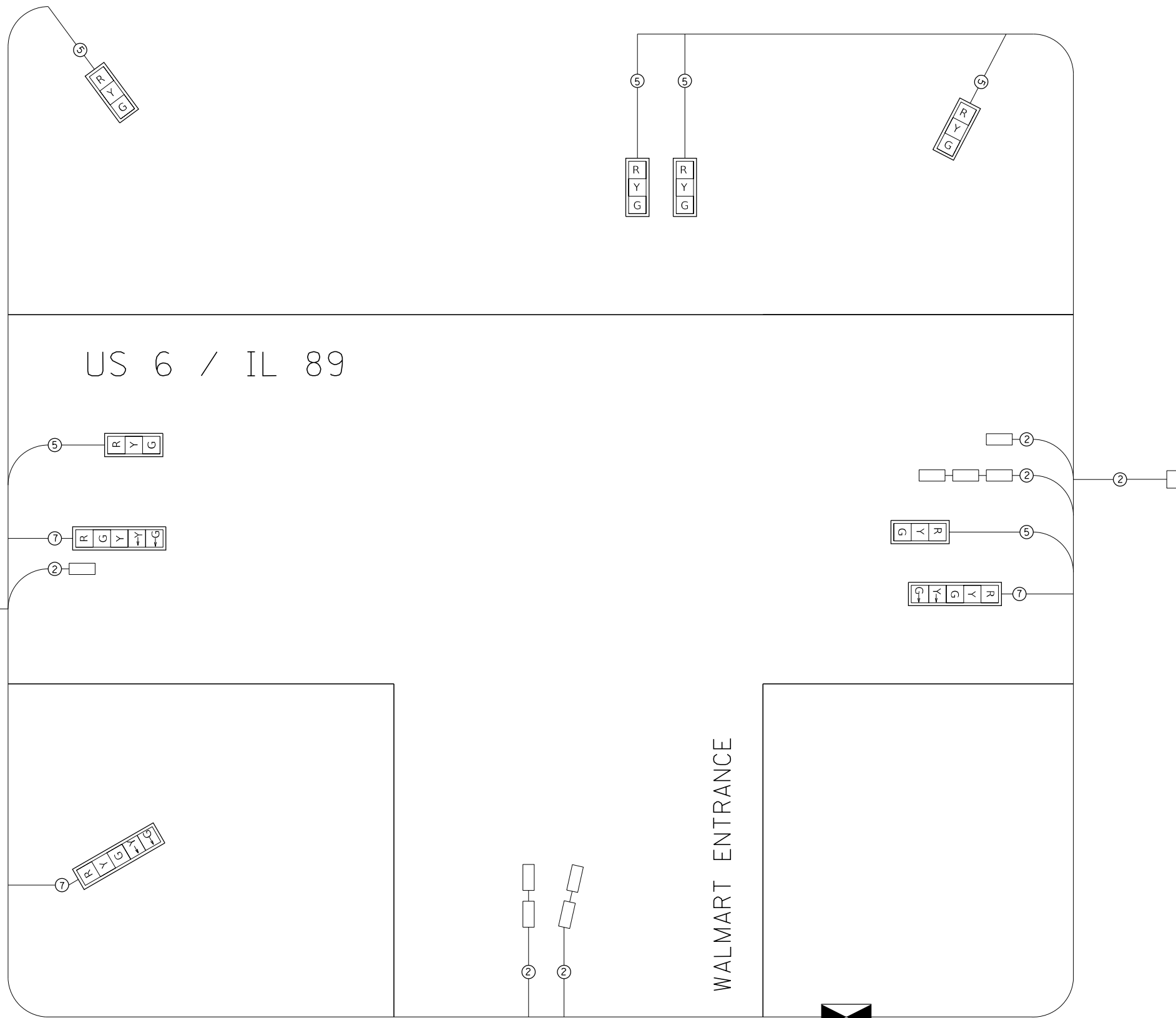
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PLOT DATE = 3/20/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS
CABLE PLAN AT IL 89 / US 6**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	BUREAU	52	43
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66E21	

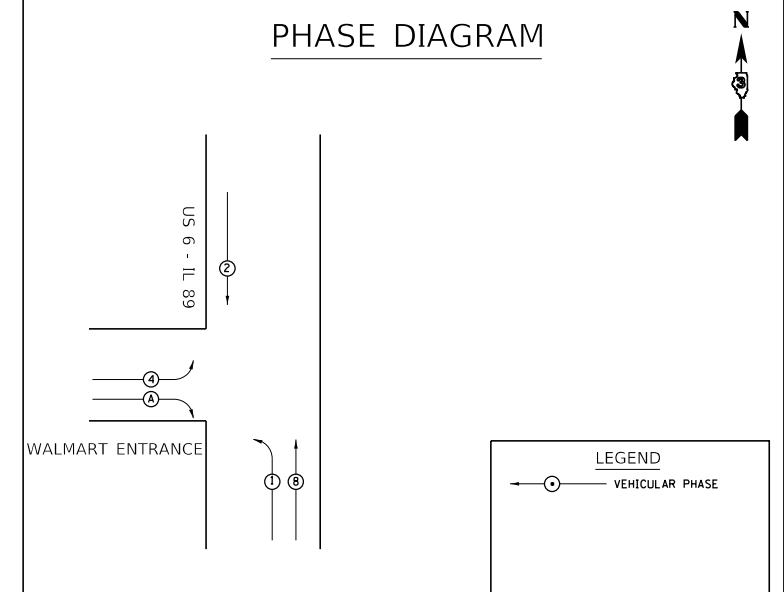


US 6 / IL 89

WALMART ENTRANCE

- ### LEGEND
- CONTROLLER CABINET
 - SERVICE INSTALLATION
 - VEHICLE DETECTOR, INDUCTION LOOP
 - LIGHT DETECTOR
 - CONFIRMATION BEACON
 - LIGHTING UNIT
 - * NUMBER OF CONDUCTORS.
 - LEFT TURN YELLOW
 - LEFT TURN GREEN
 - SIGNAL SECTION 8"
 - SIGNAL SECTION 12"
 - WALK/DON'T WALK SECTION
 - PEDESTRIAN PUSH-BUTTON
 - TRAFFIC SIGNAL BACKPLATE
 - H/C GROUND CABLE ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
 - P/MA GROUND ROD AT POST (P) OR MAST ARM (M)
 - S GROUND ROD AT ELECTRIC SERVICE INSTALLATION
 - TELEPHONE
 - UPS UNINTERRUPTIBLE POWER SUPPLY, EXTENDED
 - YELLOW FLASHING BEACON

PHASE DIAGRAM



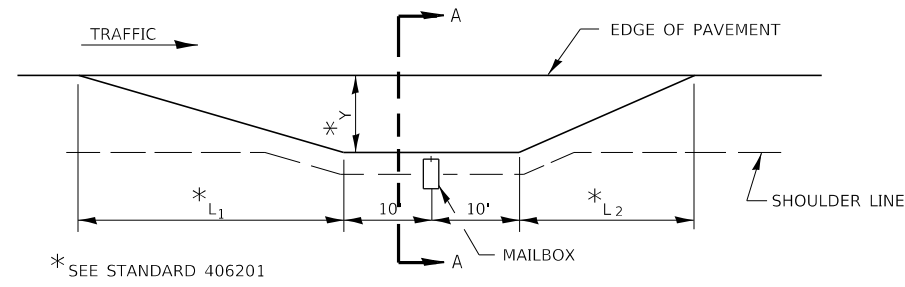
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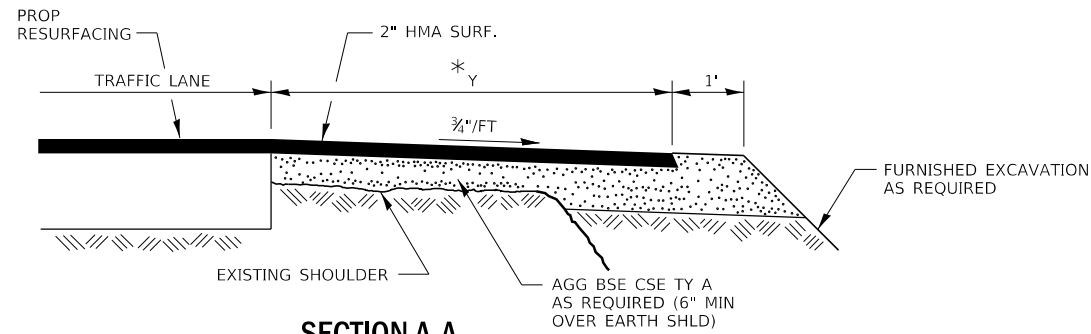
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS			
CABLE PLAN AT IL WALMART ENTRANCE			
SCALE:	SHEET 4	OF 4 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	BUREAU	52	44
CONTRACT NO. 66E21				

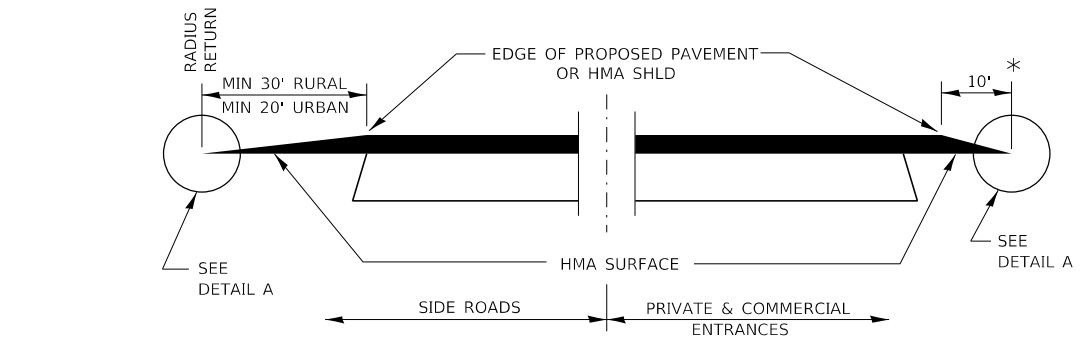


* SEE STANDARD 406201

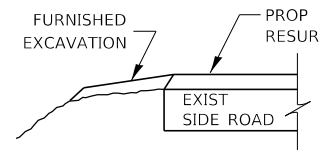


SECTION A-A

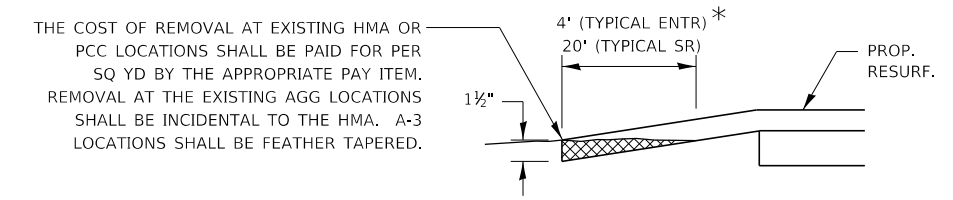
RURAL MAILBOX TURNOUT DETAILS



**SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS**

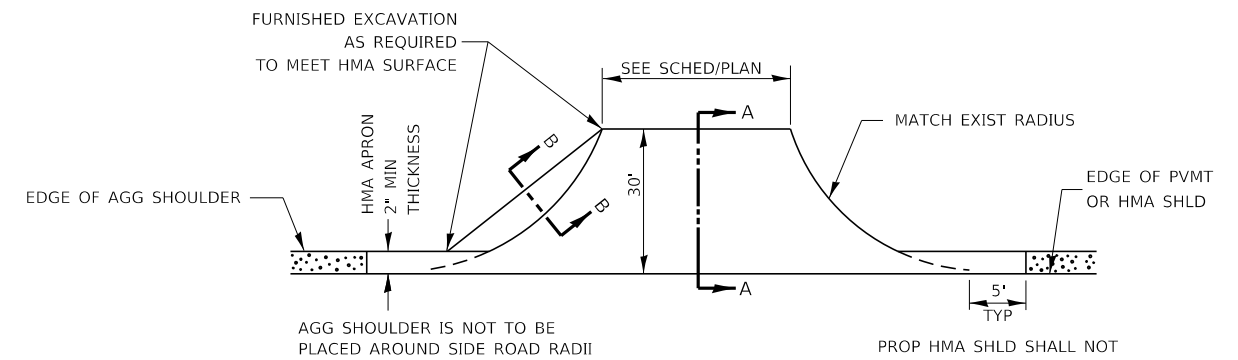


SECTION B-B

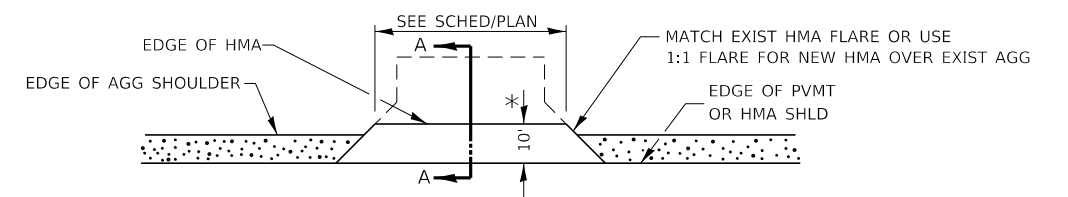


DETAIL A

THE COST OF REMOVAL AT EXISTING HMA OR PCC LOCATIONS SHALL BE PAID FOR PER SQ YD BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.

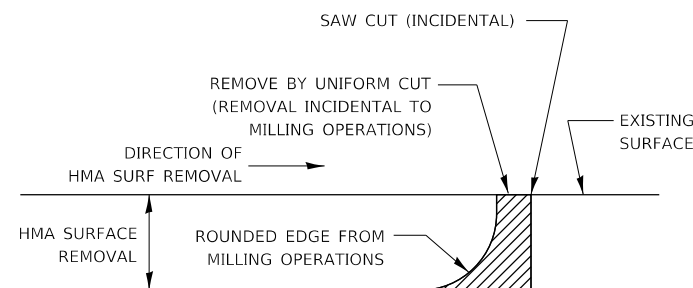


PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)



NOTE:

WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

HMA DETAIL AT BUTT JOINTS

* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

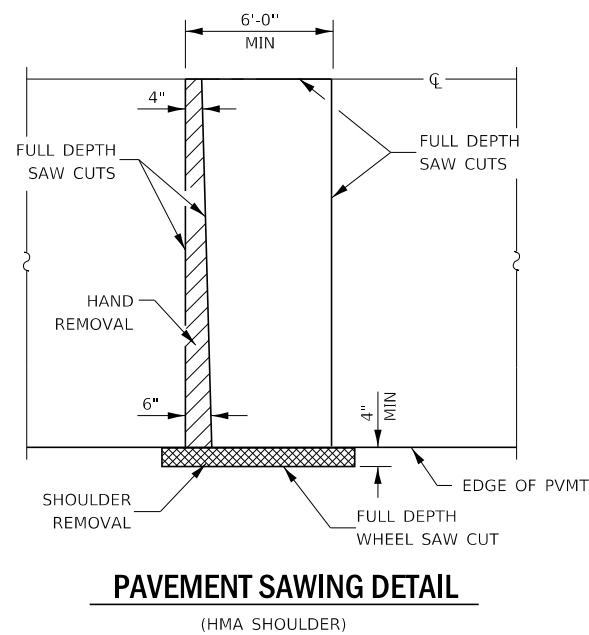
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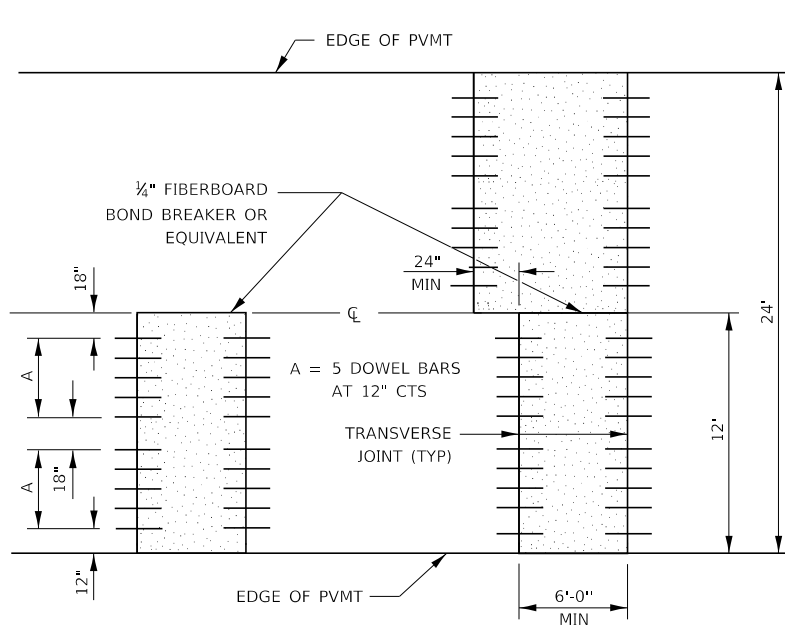
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET 1 OF 8 SHEETS		**	BUREAU	52	45
					CONTRACT NO. 66E21	

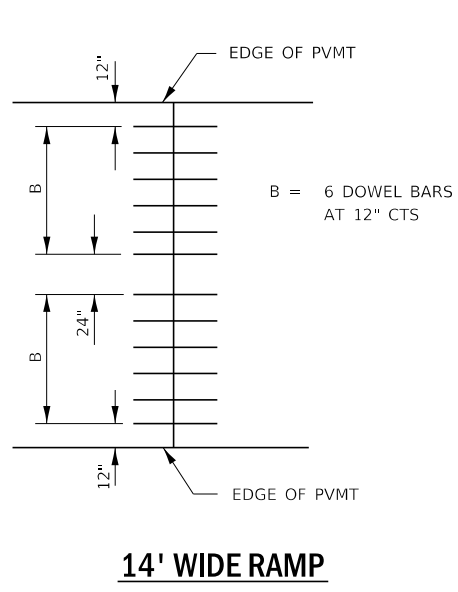
ILLINOIS	FED. AID PROJECT
* (102)RS-5,(TX-1,17)RS-36(1)RS-2	
† F.A.P. 698 & F.A.U. 5605	



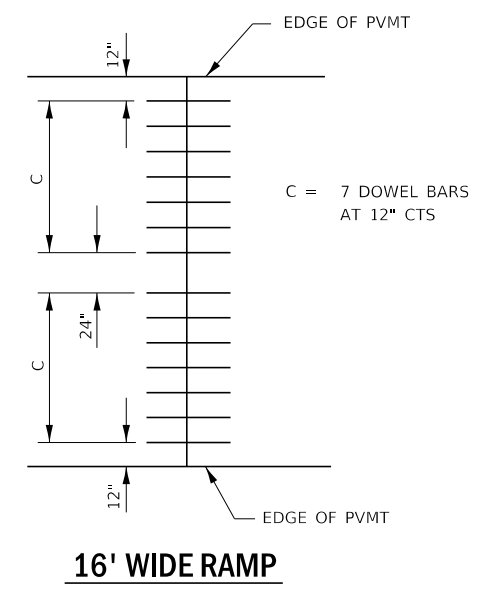
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



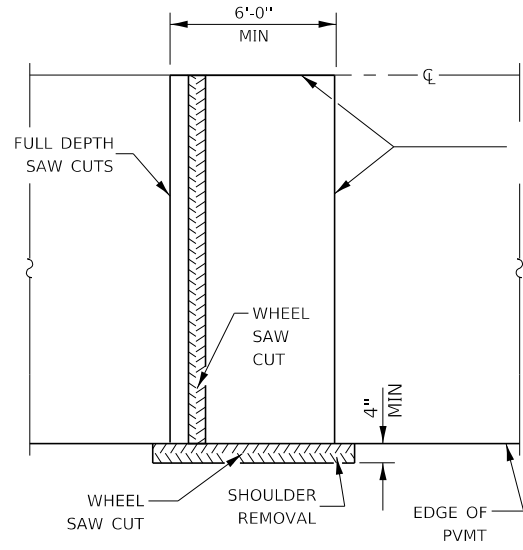
12' WIDE LANES



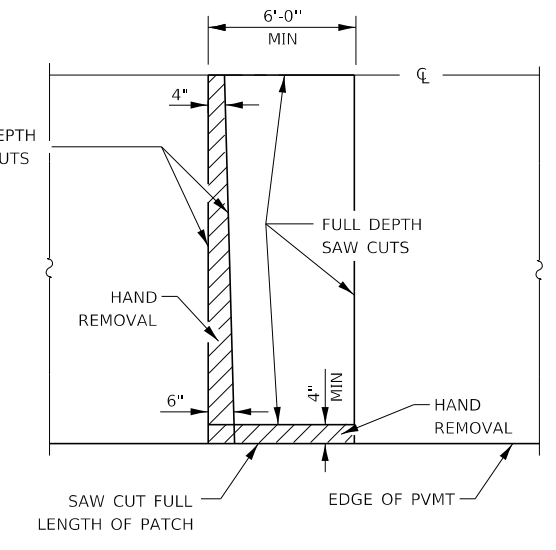
14' WIDE RAMP



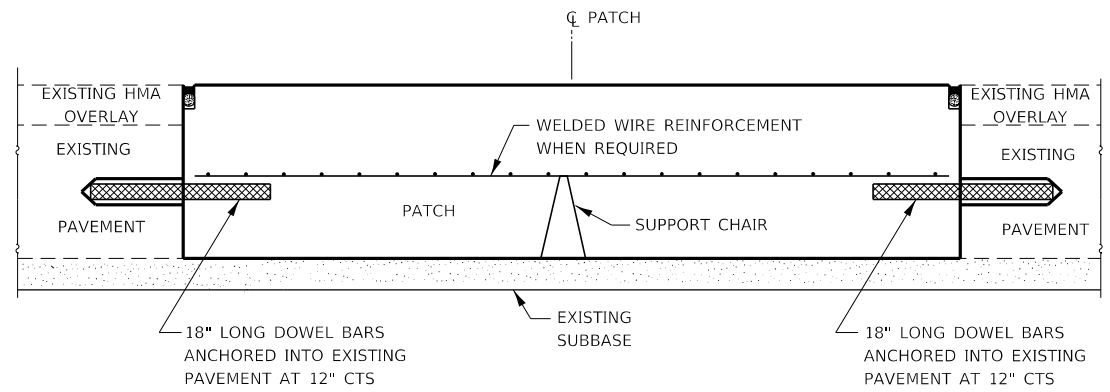
16' WIDE RAMP



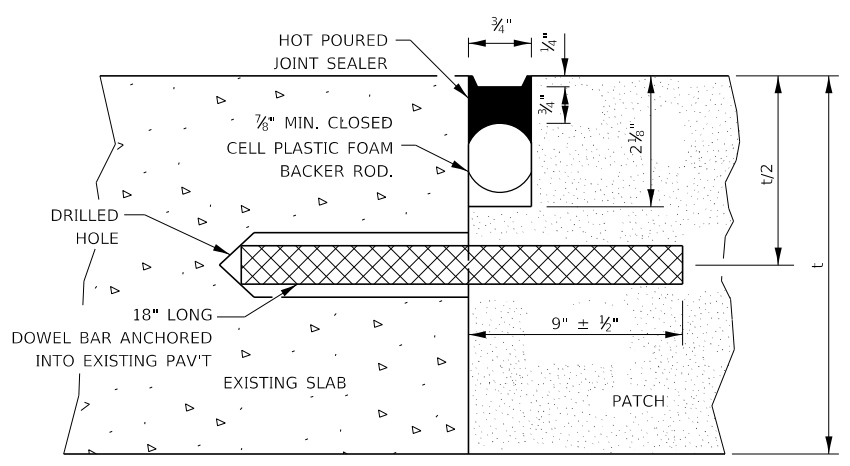
ALTERNATE SAWING DETAIL
(HMA SHOULDER)



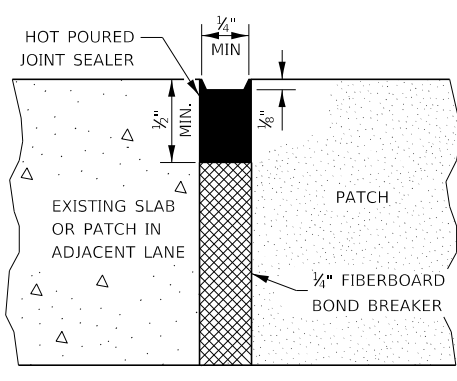
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



PATCHING WITH HMA OVERLAY



TRANSVERSE JOINT



CENTERLINE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 3/8"
7" THRU 7.99"	1 1/4"	1 3/8"
LESS THAN 7"	1"	1 3/8"

GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.
SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.

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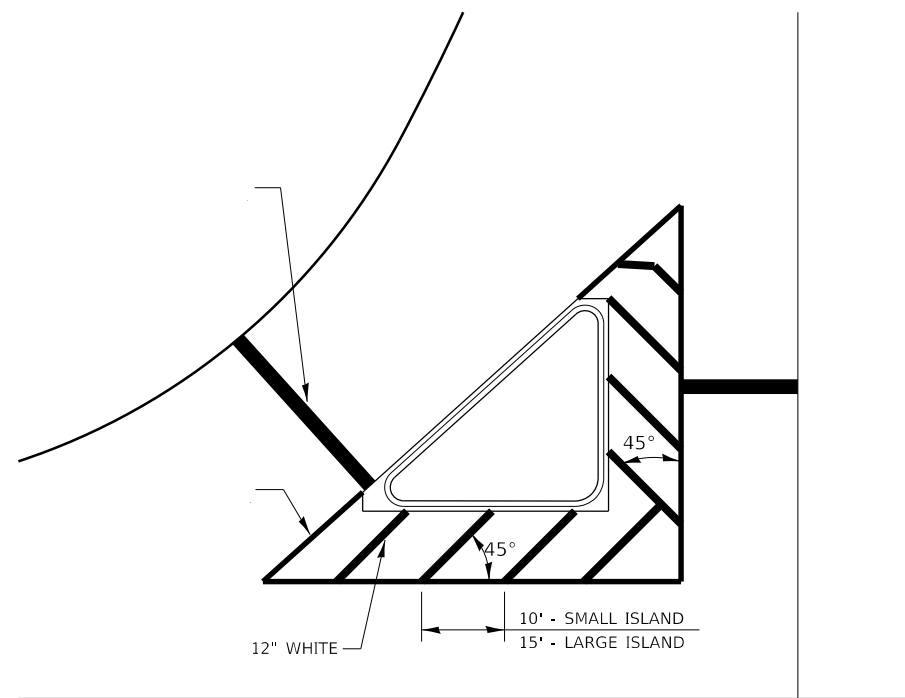
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CLASS B PATCHING DETAILS

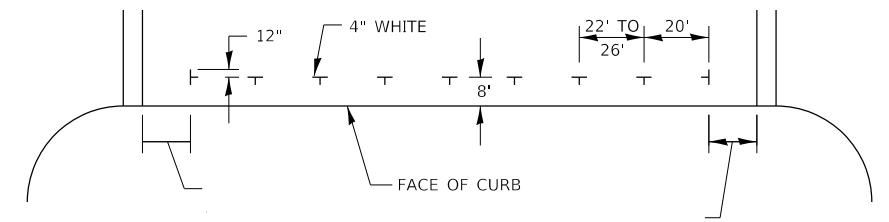
SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	BUREAU	52	47
CONTRACT NO. 66E21				

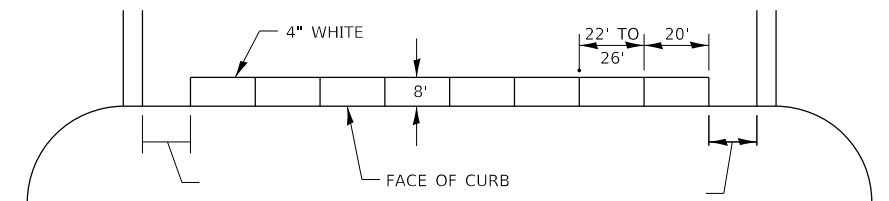
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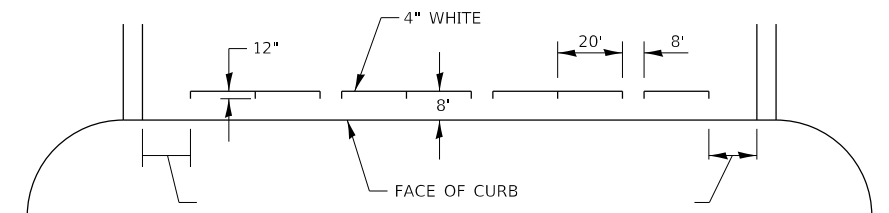
TYPICAL ISLAND



PREFERRED METHOD



OPTION 2



OPTION 3

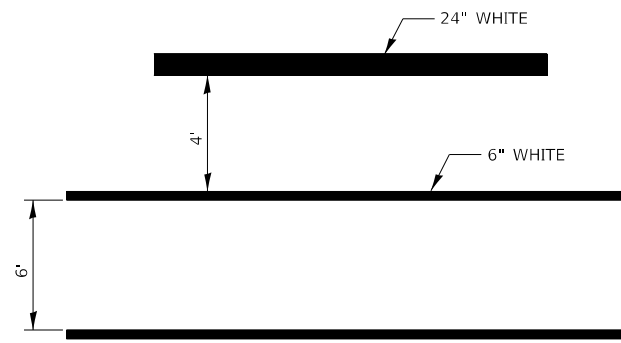
TYPICAL PARKING SPACING

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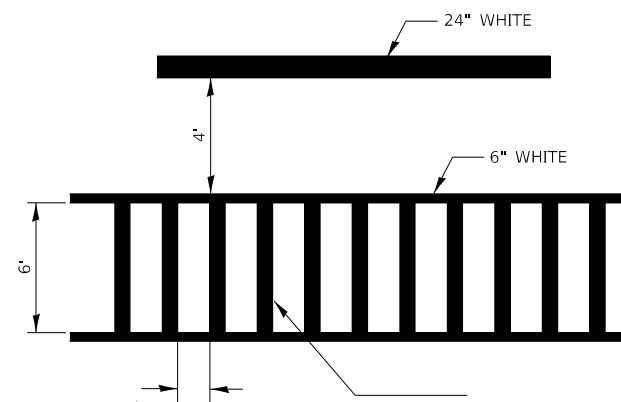
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS			
SCALE:	SHEET 5	OF 8	SHEETS
	STA.		TO STA.

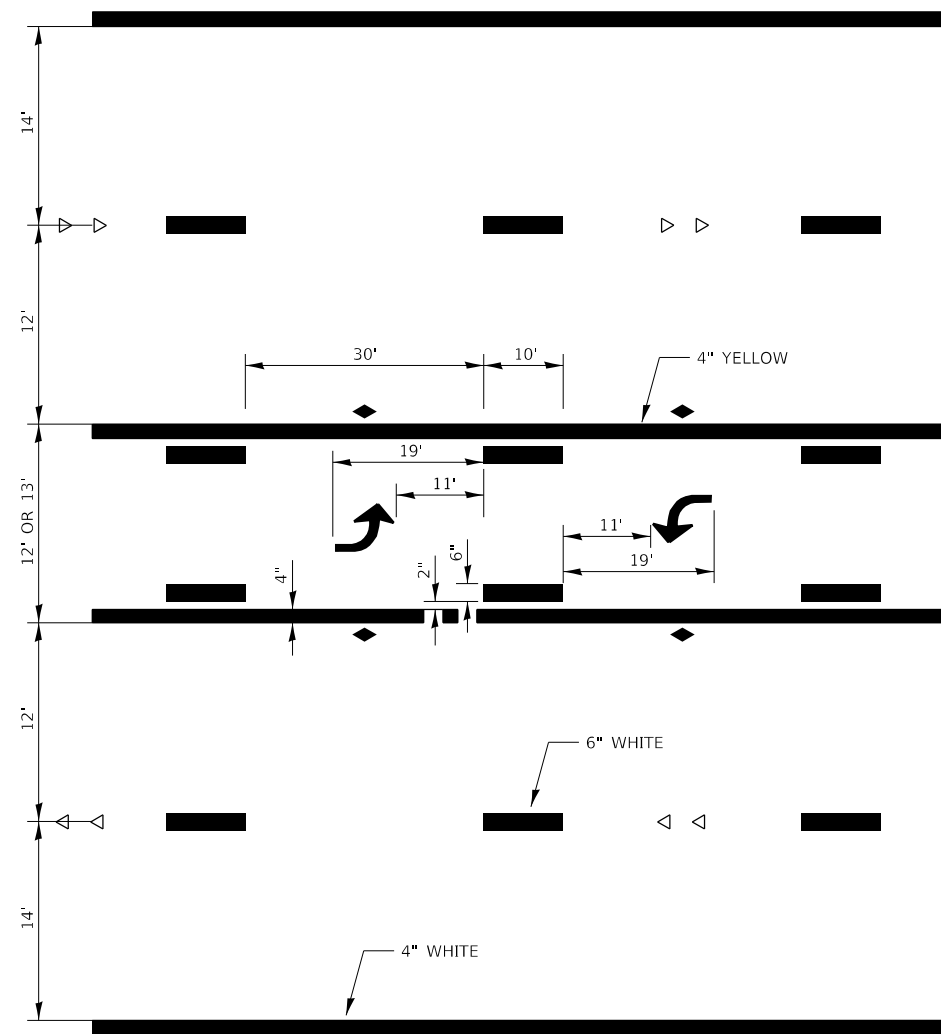
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	**		52	49
CONTRACT NO. 66E21				



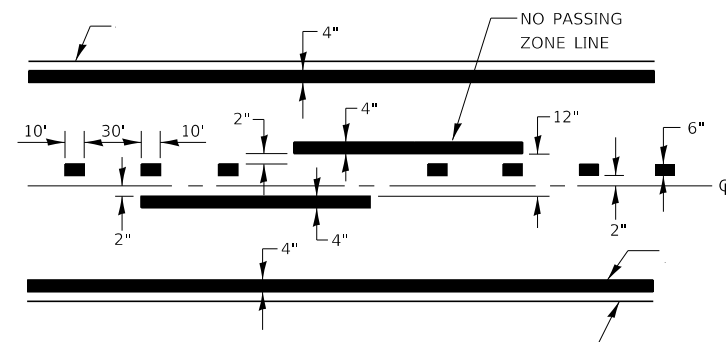
**TYPICAL SPACING DETAIL FOR
CROSSWALKS AND STOP BARS**



**TYPICAL SPACING DETAIL FOR
CROSSWALKS AND STOP BARS**

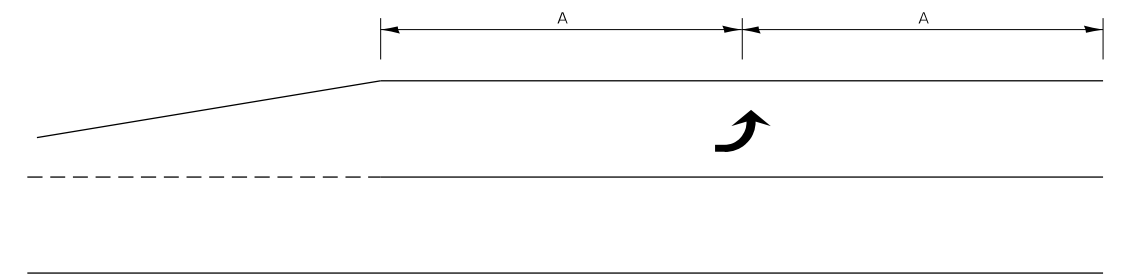


**TYPICAL APPLICATION @
TWO WAY LEFT TURN LANE (TWLTL)**

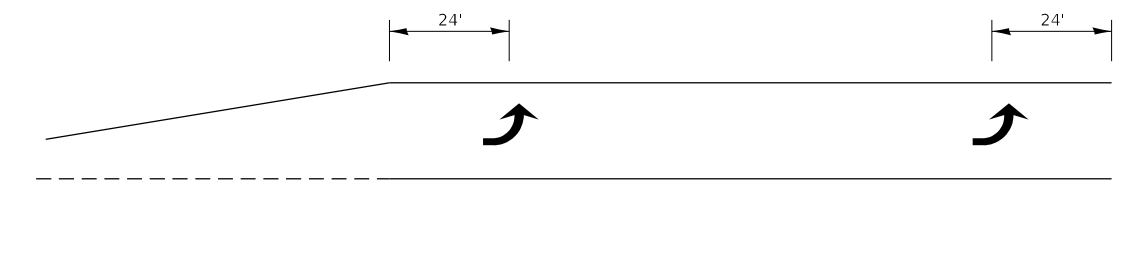


CENTERLINE & NO PASSING
ZONE LINES - YELLOW

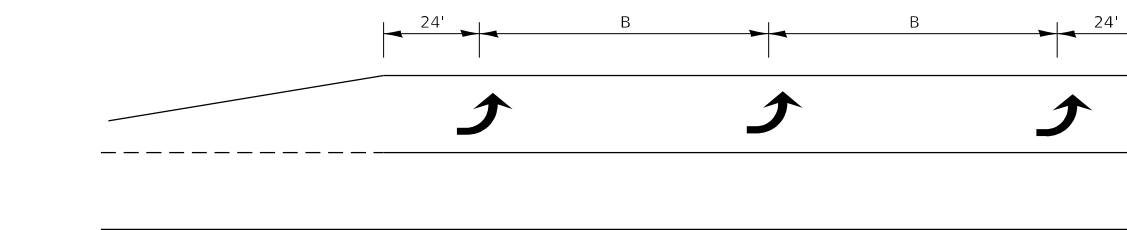
PAVEMENT MARKING



99' AND UNDER



100' TO 149'



150' AND LONGER

**TYPICAL PLACEMENT OF ARROWS
IN TURN LANES**

URBAN PAVEMENT MARKING

MODEL: Default
FILE: Model: PavementMarking.dwg
PROJECT: 036621-1-Sub-Settable.dgn
PROJECT: 036621-1-Sub-Settable.dgn
PROJECT: 036621-1-Sub-Settable.dgn

USER NAME = jeanj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

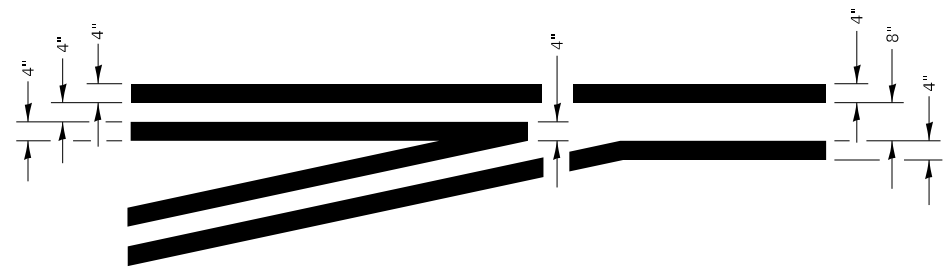
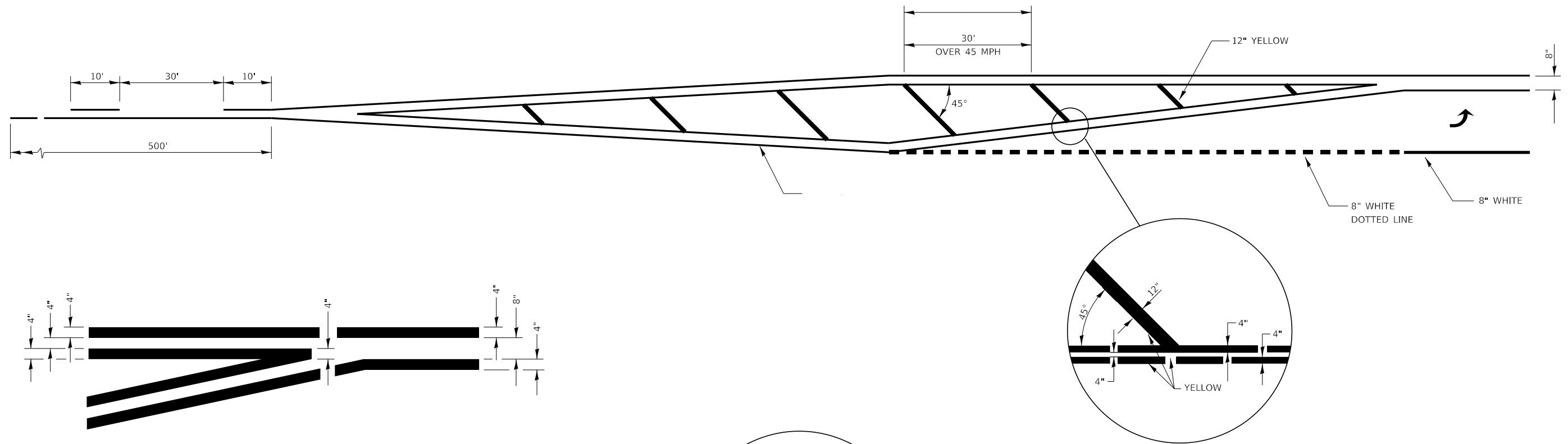
URBAN PAVEMENT MARKING

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

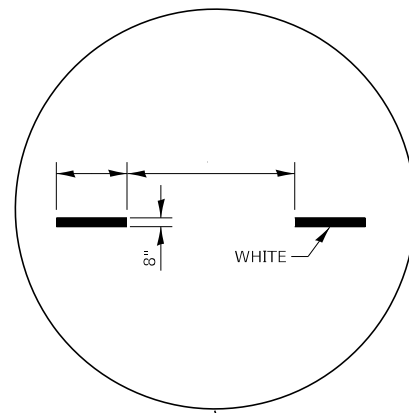
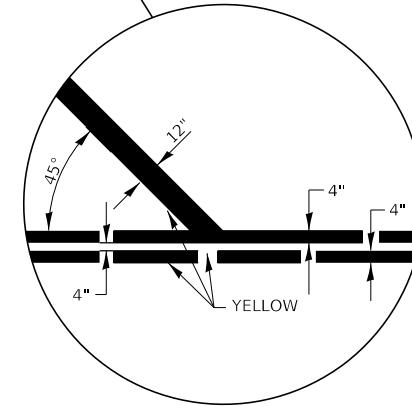
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	BUREAU	52	51
CONTRACT NO. 66E21				

** (102)RS-5,(TX-1,17)RS-36(1)RS-2

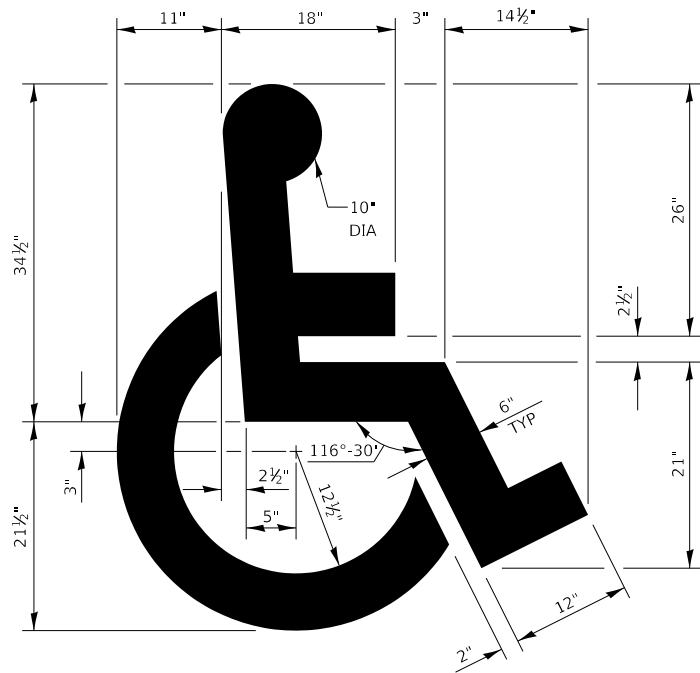
F.A.P. 698 & F.A.U. 5605



**TYPICAL APPLICATION
@ LEFT TURN LANES**

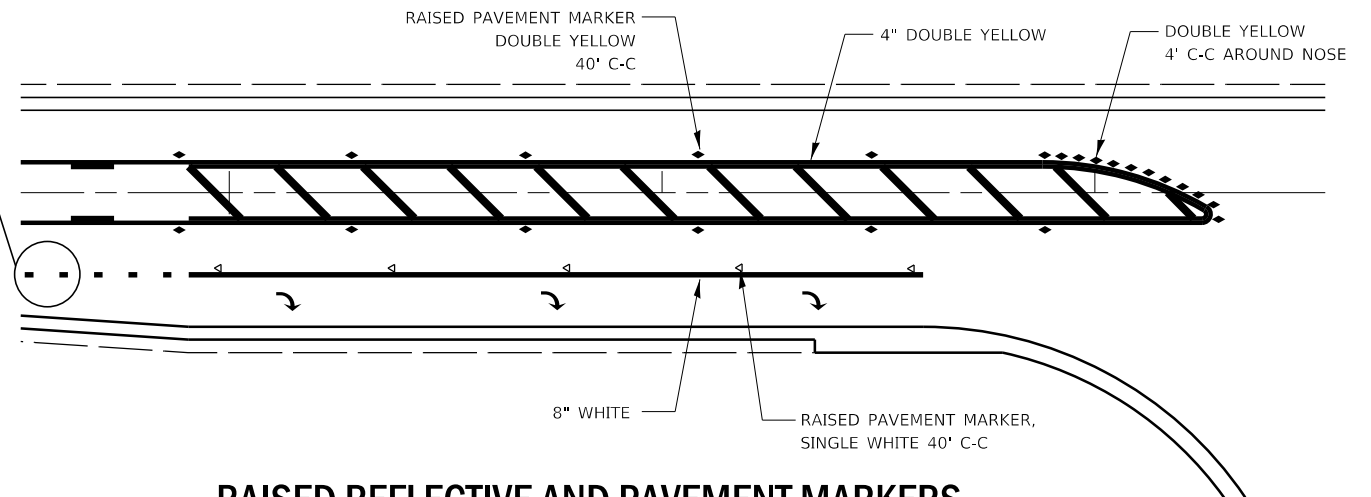


**ADVANCE AND INTERSECTION LANE
DIVIDER LINES**



**TYPICAL DETAIL FOR
PAINTING HANDICAP MARKINGS**

URBAN PAVEMENT MARKING



**RAISED REFLECTIVE AND PAVEMENT MARKERS
@ RIGHT TURN LANE**

MODEL: Default
FILE: \\nrcs-pub\pub\baroncom.dta\illinois\pwr\DOT\Documents\DOT_Offices\Illin\1\CAD\Drawings\66E21\66E21-1-1-1-1-1-1.dgn

USER NAME = jeanj	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/20/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

URBAN PAVEMENT MARKING

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	BUREAU	52	52
CONTRACT NO. 66E21				