

03-10-2023 LETTING ITEM 149

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F A P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS 5	MADISON	50	1
		ILLINOIS	CONTRACT NO. 76N83	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

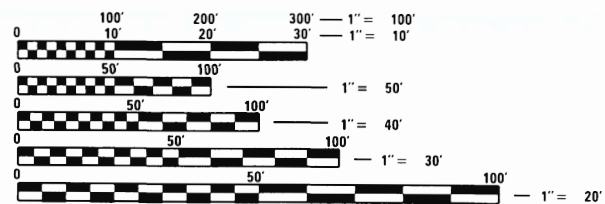
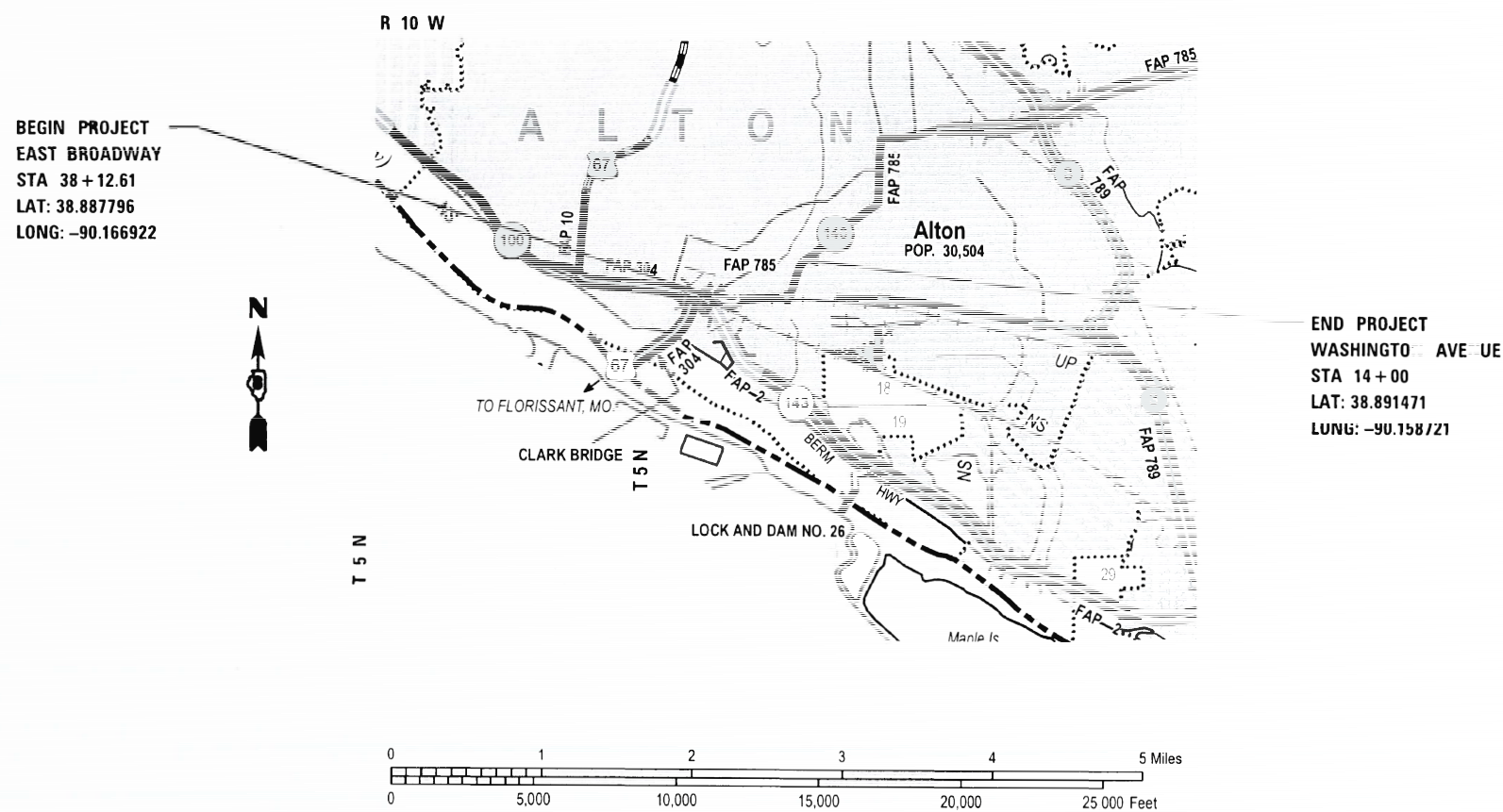
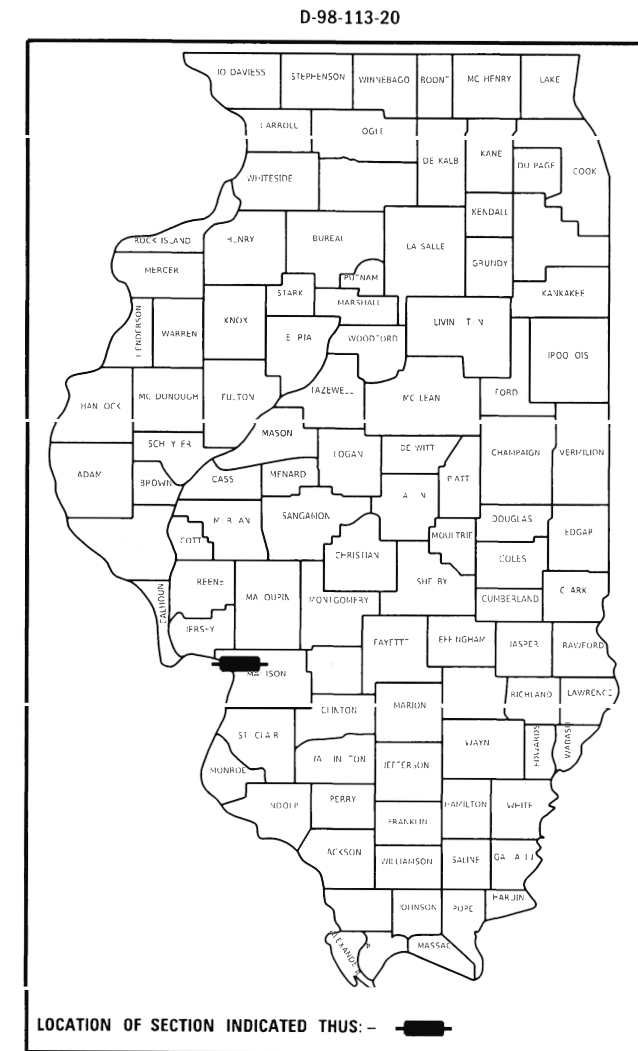
EAST BROADWAY
2019 ADT = 14,500 (ACTUAL)
2022 ADT = 14,800 (ESTIMATED)
2042 ADT = 17,000 (ESTIMATED)
SU = 5.0%
MU = 2.8%

WASHINGTON AVENUE
2019 ADT = 5,950 (ACTUAL)
2022 ADT = 6,100 (ESTIMATED)
2042 ADT = 7,000 (ESTIMATED)
SU = 3.0%
MU = 0.8%

PROPOSED
HIGHWAY PLANS

FAP ROUTE 785 (IL 140)
SECTION 101RS-5
PROJECT NHPP-8P98(216)
STANDARD OVERLAY & ADA IMPROVEMENTS
MADISON COUNTY

C-98-121-20

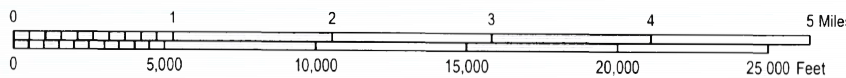


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: BILLIE OWEN

CONTRACT NO. 76N83



GROSS LENGTH = 3,115 FT. = 0.59 MILE
NET LENGTH = 3,115 FT. = 0.59 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *Kil* 30 20 22

December 9, 2022 [Signature] REGIONAL ENGINEER

December 9, 2022 [Signature] ENGINEER OF DESIGN AND ENVIRONMENT

[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
3-9	SUMMARY OF QUANTITIES
10-12	TYPICAL SECTIONS
13-16	SCHEDULE OF QUANTITIES
17	TIES AND BENCHMARKS
18-19	REMOVAL SHEETS
20-26	PLAN SHEETS
27	RESURFACING DETAIL
28-31	ADA PLAN SHEETS
32	DRAINAGE SHEETS
33-41	PAVEMENT MARKING SHEETS
42-47	TRAFFIC SIGNALS
48-50	PLAT OF HIGHWAYS

GENERAL NOTES

- UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

	ABOVE GROUND	BELOW GROUND
CITY OF ALTON	X	X
AMEREN ILLINOIS		X
AT&T ILLINOIS	X	X
CHARTER COMMUNICATIONS, INC.	X	X
ILLINOIS AMERICAN WATER COMPANY		X
WANRACK, LLC	X	X
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING, INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES, AND/OR ELECTRICAL CABLES ASSOCIATED WITH TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS. IF ANY OF THESE EXIST WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- ALL ELEVATIONS REFER TO THE USGS MEAN SEA LEVEL DATUM.
- ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- THE TEMPORARY RAMPS USED ON ALL SIDE STREETS SHALL BE 2 FEET IN LENGTH SO AS NOT TO INTERFERE WITH THE THRU TRAFFIC LANES.
- THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	POLY SURFACE	BINDER
AC/PG	SBS PG 76-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION)	IL 9.5	IL 9.5 FG
FRICITION AGG	MIXTURE "D"	MIXTURE "C"
QUALITY MGMT PROGRAM	QCP	QCP
MAT TRAN DEV REQUIRED?	YES	YES

PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442101-09	CLASS B PATCHES
602306-03	INLET, TYPE B
604006-05	FRAME AND GRATE, TYPE 3
606201-04	TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE)
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
729001-01	APPLICATION OF TYPES A & B METAL POSTS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-03	HANDHOLES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
877001-08	STEEL MAST ARM ASSEMBLY-POLE 16' THRU 55'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNT DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
420001-10	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCE
886006-01	TYPICAL LAYOUT FOR DETECTION LOOP

COMMITMENTS

NONE

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			785	101RS-5	MADISON	50	2
PLOT DATE = 6/30/2022	CHECKED -	REVISED -			CONTRACT NO. 76N83				
	DATE -	REVISED -			SCALE:	SHEET 1	OF 1	SHEETS	STA.
					ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE	50% FED 50% STATE	80% FED 20% STATE
				ROADWAY	ROADWAY	SAFETY
				0005 URBAN	0005 URBAN	0021 URBAN
20800150	TRENCH BACKFILL	CU YD	32.7	32.7		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12299	11298	1001	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	18575	17092	1483	
40600990	TEMPORARY RAMP	SQ YD	169	169		
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	1275	1171	104	
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1531	1406	125	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1480			1480
42400800	DETECTABLE WARNINGS	SQ FT	41			41
44000100	PAVEMENT REMOVAL	SQ YD	91	91		
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	18220	16737	1483	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	48	48		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	131		113	18
44000600	SIDEWALK REMOVAL	SQ FT	1010	448		562
44003100	MEDIAN REMOVAL	SQ FT	255			255
44200050	WELDED WIRE REINFORCEMENT	SQ YD	224	224		

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					785	101RS-5	MADISON	50	3
PLOT DATE = 6/30/2022	CHECKED -	REVISED +		SCALE:	SHEET 1	OF 7 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	DATE -	REVISED +									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0005 URBAN	ROADWAY 0005 URBAN	SAFETY 0021 URBAN
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3	3		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9		
67100100	MOBILIZATION	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.8		0.2
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	0.8		0.2
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.8		0.2
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1			1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	2	2		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2369	2369		

* SPECIALTY ITEM

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -					785	101RS-5	MADISON	50	5
PLOT DATE = 6/30/2022	CHECKED -	REVISED -		SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.			CONTRACT NO. 76N83				
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE	50% FED 50% STATE	80% FED 20% STATE
				ROADWAY	ROADWAY	SAFETY
				0005 URBAN	0005 URBAN	0021 URBAN
* 78004660	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 12"	FOOT	888	888		
* 78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 24"	FOOT	205	205		
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	16262	16262		
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	399	399		
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	888	888		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	205	205		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	102	102	
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1164	1164	
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	99	99		
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	27	27		
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	7	7		
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	5	5		
* 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	1		
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2	2		

* SPECIALTY ITEM

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PLOT DATE = 6/30/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	7
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE ROADWAY	50% FED 50% STATE ROADWAY	80% FED 20% STATE SAFETY
				0005 URBAN	0005 URBAN	0021 URBAN
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	261	261		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	281	281		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1077	1077		
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	386	386		
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	285	285		
* 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1	1		
* 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1	1		
* 87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1	1		
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10	10		
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26	26		
* 87900200	DRILL EXISTING HANDHOLE	EACH	2	2		
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	1		
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6	6		
* 88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4	4		

* SPECIALTY ITEM

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	8
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE ROADWAY	50% FED 50% STATE ROADWAY	80% FED 20% STATE SAFETY
				0005 URBAN	0005 URBAN	0021 URBAN
* 88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3	3		
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1	1		
* 88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1	1		
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2		
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	9	9		
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	6	6		
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	1096	1096		
	89502300 REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1285	1285		
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	833	833		
	89502375 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	19	19		
	89502380 REMOVE EXISTING HANDHOLE	EACH	1	1		
	89502385 REMOVE EXISTING CONCRETE FOUNDATION	EACH	3	3		
* X1400399	VIDEO DETECTION SYSTEM COMPLETE	EACH	1	1		
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2			2
* X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	2			2
Ø Z0076600	TRAINEES	HOUR	500	500		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500		
Z0034105	MATERIAL TRANSFER DEVICE	TON	2806	2577	229	

* SPECIALTY ITEM
Ø 0042

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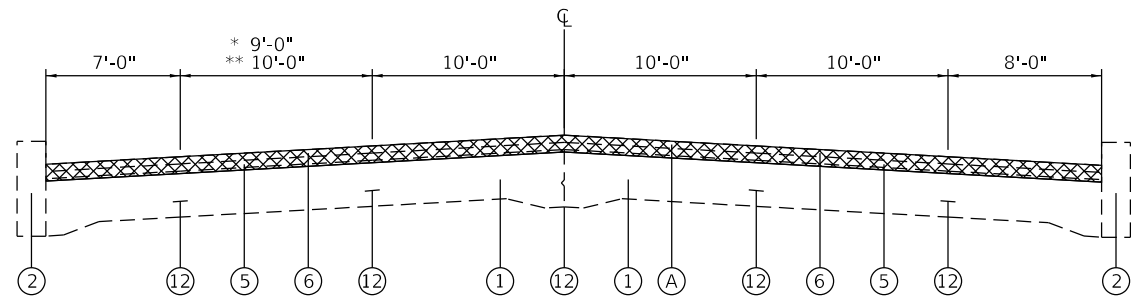
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

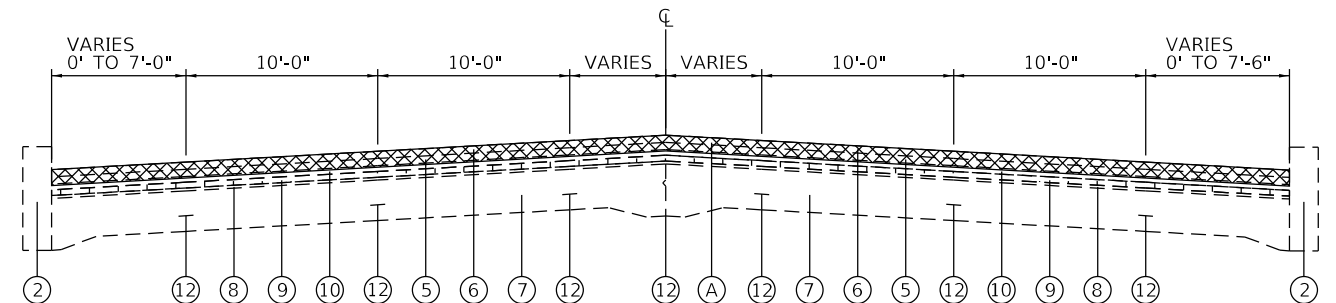
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76N83	



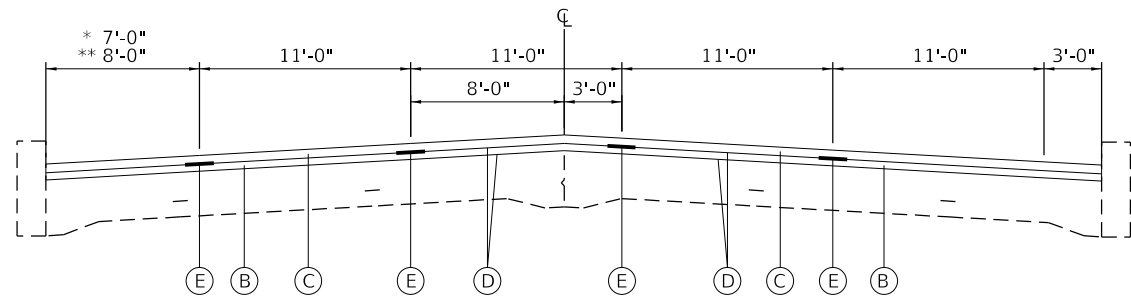
EXISTING TYPICAL SECTION

EAST BROADWAY
 * STA 38+12.61 TO 38+62.61
 ** STA 38+62.61 TO STA 50+24.51



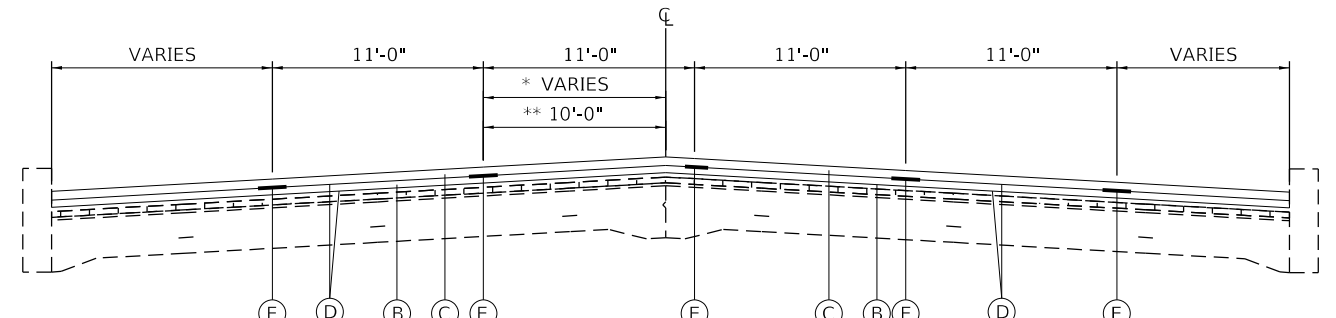
EXISTING TYPICAL SECTION

EAST BROADWAY
 * STA 50+24.51 TO STA 51+58.51
 ** STA 53+31.51 TO STA 56+24.51



PROPOSED TYPICAL SECTION

EAST BROADWAY
 * STA 38+12.61 TO 38+62.61
 ** STA 38+62.61 TO STA 50+24.51



PROPOSED TYPICAL SECTION

EAST BROADWAY
 * STA 50+24.51 TO STA 51+58.51
 ** STA 53+31.51 TO STA 56+24.51

LEGEND

- ① EXISTING PCC PAVEMENT 10"-8"-10"
- ② EXISTING PCC CURB
- ③ EXISTING LEVELING BINDER (MACHINE METHOD), 1"
- ④ EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- ⑤ EXISTING HOT-MIX ASPHALT BINDER COURSE, 1 1/4"
- ⑥ EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/4"
- ⑦ EXISTING PCC PAVEMENT 9"-7"-9"
- ⑧ EXISTING SAND CUSHION, 1"
- ⑨ EXISTING PAVING BRICK SURFACE
- ⑩ EXISTING BITUMINOUS PAVEMENT
- ⑪ EXISTING PCC MEDIAN
- ⑫ EXISTING PAVEMENT REINFORCEMENT

- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- (B) PROPOSED HOT-MIX ASPHALT BINDER COURSE, 1 1/4"
- (C) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- (D) PROPOSED BITUMINOUS MATERIAL (TACK COAT)
- (E) PROPOSED LONGITUDINAL JOINT SEALANT

NOTE:

1. ANY REMOVAL OF EXISTING PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE INCLUDED IN THE PAY ITEM "HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
2. ALL EXISTING SLOPES VARIES AND ALL PROPOSED SLOPES SHALL MATCH EXISTING.

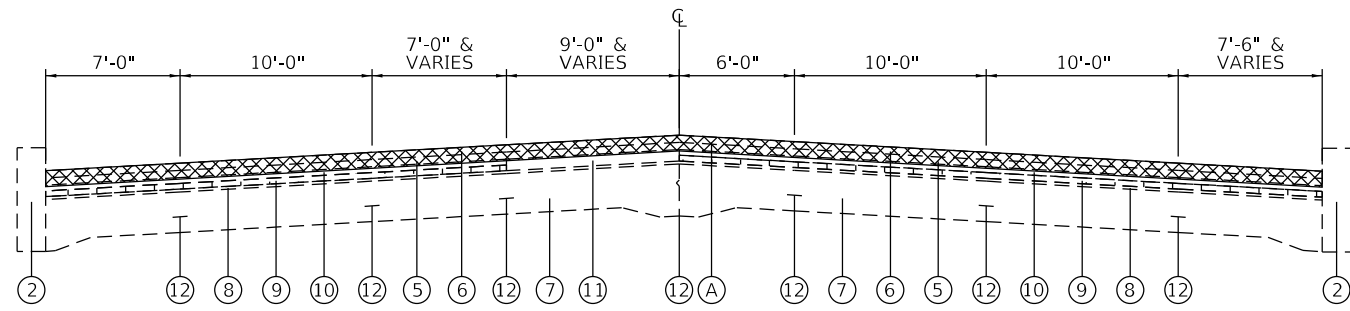
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USER NAME = dintelmanjn	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/30/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

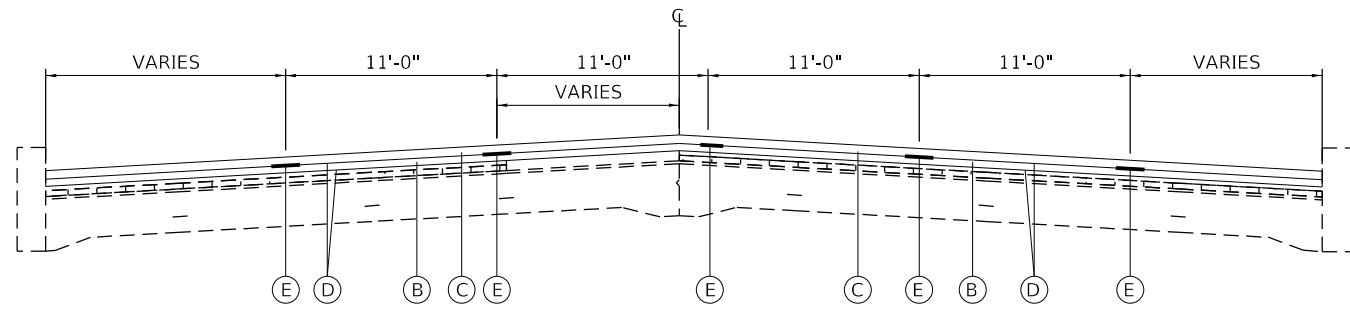
TYPICAL SECTIONS			
SCALE:	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	10
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

EAST BROADWAY
STA 51+58.51 TO STA 53+31.51



PROPOSED TYPICAL SECTION

EAST BROADWAY
STA 51+58.51 TO STA 53+31.51

LEGEND

- ① EXISTING PCC PAVEMENT 10"-8"-10"
- ② EXISTING PCC CURB
- ③ EXISTING LEVELING BINDER (MACHINE METHOD), 1"
- ④ EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- ⑤ EXISTING HOT-MIX ASPHALT BINDER COURSE, 1 1/4"
- ⑥ EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/4"
- ⑦ EXISTING PCC PAVEMENT 9"-7"-9"
- ⑧ EXISTING SAND CUSHION, 1"
- ⑨ EXISTING PAVING BRICK SURFACE
- ⑩ EXISTING BITUMINOUS PAVEMENT
- ⑪ EXISTING PCC MEDIAN
- ⑫ EXISTING PAVEMENT REINFORCEMENT

- A PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- B PROPOSED HOT-MIX ASPHALT BINDER COURSE, 1 1/4"
- C PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- D PROPOSED BITUMINOUS MATERIAL (TACK COAT)
- E PROPOSED LONGITUDINAL JOINT SEALANT

NOTE:

1. ANY REMOVAL OF EXISTING PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE INCLUDED IN THE PAY ITEM "HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
2. ALL EXISTING SLOPES VARIES AND ALL PROPOSED SLOPES SHALL MATCH EXISTING.

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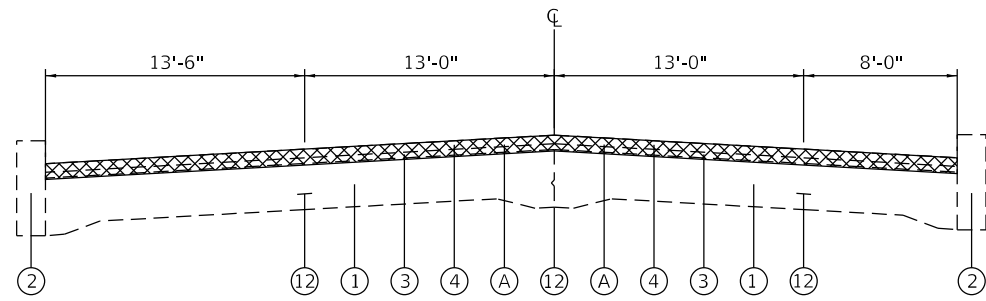
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISID -
PLOT DATE = 6/30/2022	CHECKED -	REVISID -
	DATE -	REVISID -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

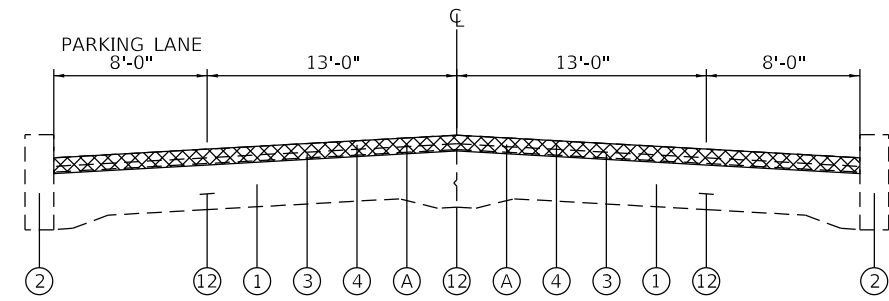
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	11
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



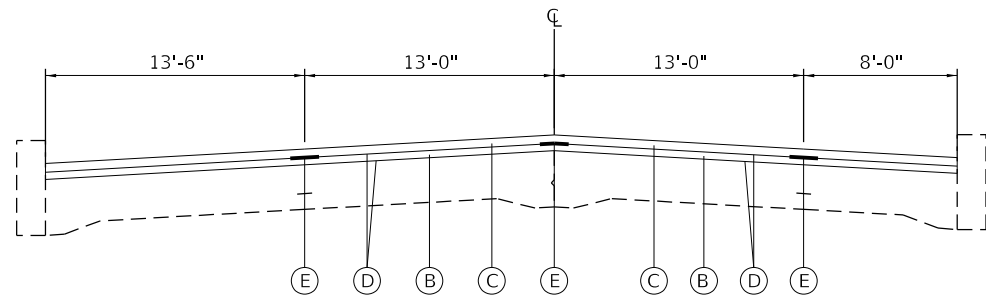
EXISTING TYPICAL SECTION

WASHINGTON AVENUE
STA 0+00 TO 1+96



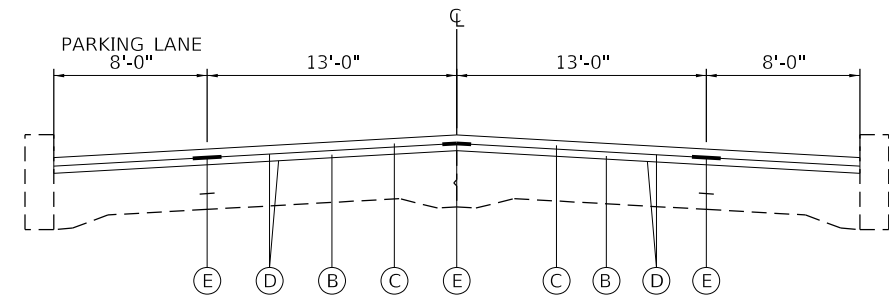
EXISTING TYPICAL SECTION

WASHINGTON AVENUE
STA 1+96 TO 14+00



PROPOSED TYPICAL SECTION

WASHINGTON AVENUE
STA 0+00 TO 1+96



PROPOSED TYPICAL SECTION

WASHINGTON AVENUE
STA 1+96 TO 14+00

LEGEND

- ① EXISTING PCC PAVEMENT 10"-8"-10"
- ② EXISTING PCC CURB
- ③ EXISTING LEVELING BINDER (MACHINE METHOD), 1"
- ④ EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- ⑤ EXISTING HOT-MIX ASPHALT BINDER COURSE, 1 1/4"
- ⑥ EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/4"
- ⑦ EXISTING PCC PAVEMENT 9"-7"-9"
- ⑧ EXISTING SAND CUSHION, 1"
- ⑨ EXISTING PAVING BRICK SURFACE
- ⑩ EXISTING BITUMINOUS PAVEMENT
- ⑪ EXISTING PCC MEDIAN
- ⑫ EXISTING PAVEMENT REINFORCEMENT

- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- (B) PROPOSED HOT-MIX ASPHALT BINDER COURSE, 1 1/4"
- (C) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- (D) PROPOSED BITUMINOUS MATERIAL (TACK COAT)
- (E) PROPOSED LONGITUDINAL JOINT SEALANT

NOTE:

1. ANY REMOVAL OF EXISTING PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE INCLUDED IN THE PAY ITEM "HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
2. ALL EXISTING SLOPES VARIES AND ALL PROPOSED SLOPES SHALL MATCH EXISTING.

MODEL: Default
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USER NAME = dintelmanjn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/30/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	12
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE											
LOCATION			LENGTH	WIDTH	AREA	HMA SURFACE REMOVAL, 2 3/4"	BITUMINOUS MATERIALS (TACK COAT)	HMA BINDER COURSE	HMA SURFACE COURSE	MATERIAL TRANSFER DEVICE	LONGITUDINAL JOINT SEALANT
STA	TO	STA	(FT)	(FT)	(SQ FT)	(SQ YD)	(POUND)	(TON)	(TON)	(TON)	(FOOT)
E. BROADWAY ST.											
38+12.61	TO	38+62.61	50.00	54.50	2725.00	302.78	204.38	21.19	25.43	46.62	300.00
38+62.61	TO	50+24.51	1161.90	55.00	63904.50	7100.50	4792.84	497.04	596.44	1093.48	6971.40
50+24.51	TO	51+99.51	175.00	59.75	10456.25	1161.81	784.22	81.33	97.59	178.92	1400.00
51+99.51	TO	53+22.91	123.40	64.50	7959.30	884.37	596.95	61.91	74.29	136.20	987.20
53+22.91	TO	53+90.51	67.60	60.75	4106.70	456.30	308.00	31.94	38.33	70.27	540.80
53+90.51	TO	56+24.51	234.00	52.00	12168.00	1352.00	912.60	94.64	113.57	208.21	1872.00
56+24.51	TO	56+88.51	64.00	47.00	3008.00	334.22	225.60	23.40	28.07	51.47	512.00
WASHINGTON AVE.											
00+00.00	TO	01+15.00	115.00	47.50	5462.50	606.94	409.69	42.49	50.98	93.47	690.00
01+15.00	TO	01+96.00	81.00	44.75	3624.75	402.75	271.86	28.19	33.83	62.02	486.00
01+96.00	TO	14+00.00	1204.00	42.00	50568.00	5618.67	3792.60	393.31	471.97	865.28	4816.00
SUB TOTAL						18220.34	12298.74	1275.44	1530.50	2805.94	18575.40
TOTAL						18220	12299	1275	1531	2806	18575

ADA REMOVAL SCHEDULE										
LOCATION			LT/RT	DRIVEWAY PAVEMENT REMOVAL	COMB. CURB AND GUTTER REMOVAL	PAVEMENT REMOVAL	SIDEWALK REMOVAL	MEDIAN REMOVAL	COMMENTS	
STA.	TO	STA.		(SQ YD)	(FT)	(SQ YD)	(SQ FT)	(SQ FT)		
55+32.36	TO	55+38.47	LT	3					E. BROADWAY	
55+54.40	TO	55+93.75	LT	25					E. BROADWAY	
0+26.50	TO	0+60.78	LT	20					WASHINGTON AVE.	
55+36.26	TO	55+58.87	LT		44				E. BROADWAY	
55+89.51	TO	56+16.50	LT		57				E. BROADWAY	
0+58.00	TO	0+65.25	LT		12				WASHINGTON AVE.	
55+59.16	TO	56+26.16	LT			91			E. BROADWAY	
55+36.26	TO	55+58.87	LT				139		E. BROADWAY	
55+89.51	TO	56+16.50	LT				272		E. BROADWAY	
0+60.00	TO	0+84.60	RT				250		WASHINGTON AVE.	
0+58.30	TO	0+67.40	LT				37		WASHINGTON AVE.	
12+44.00	TO	12+62.25	RT		18		150		WASHINGTON AVE.	
12+44.17	TO	12+71.17	LT				162		WASHINGTON AVE.	
56+60.00	TO	56+96.00	LT					255	E. BROADWAY	
TOTAL					48	131	91	1010	255	

TEMPORARY RAMP SCHEDULE				
STATION	LOCATION	WIDTH	LENGTH	TEMPORARY RAMP
		(FT)	(FT)	(SQ YD)
38+12.61	MONUMENT AVE.	54	5	30
42+63.91	PLUM AVE.	50	2	11
50+25.20	4TH ST.	55	2	12
51+95.50	PEARL ST.	60	2	13
56+88.51	E. BROADWAY	47	5	26
0+66.62	TURN LANE	30	5	17
1+93.17	BOZZA ST.	45	2	10
3+08.10	WALKER ST.	50	2	11
5+80.86	GREENWOOD ST.	35	2	8
7+04.71	JOESTING AVE.	35	2	8
14+00.00	TERRA DR.	42	5	23
TOTAL				169

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USER NAME = Default	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 7/26/2022	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	13
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

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PATCHING SCHEDULE													
LOCATION	WB/EB	LANE	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	CLASS B PATCHES, 10 INCH				SAW CUTS (FCOT)	DOWEL BARS, 1 1/2 (EACH)	TIE BARS, 3/4 INCH (EACH)	WELDED WIRE REINFORCEMENT (SQ YD)
						TYPE I (SQ YD)	TYPE II (SQ YD)	TYPE III (SQ YD)	TYPE IV (SQ YD)				
E. BROADWAY ST.													
43+40.61	EB	1	6	12	8.00		8.00			54	20		
43+40.61	EB	2	6	12	8.00		8.00			54	20		
43+40.61	EB	1	6	12	8.00		8.00			54	20		
43+40.61	EB	2	6	12	8.00		8.00			54	20		
48+68.61	EB	1	12	12	16.00			16.00		72	20		16.00
43+40.61	WB	1	20	12	26.67				26.67	96	20		26.67
48+68.61	WB	2	6	12	8.00		8.00			54	20		
48+68.61	WB	1	6	12	8.00		8.00			54	20		
53+96.61	WB	2	20	12	26.67				26.67	96	20		26.67
55+53.00	WB				110.00				110.00	110.00	6	64	110
SUB TOTAL						0.00	48.00	16.00	163.34	698.00	186.00	64.00	179.34
25% ADDITIONAL PATCHES						0.00	12.00	4.00	40.84	174.50	46.50	16.00	44.84
TOTAL						0	60	20	204	873	233	80	224

DRAINAGE STRUCTURES						
STRUCTURE	STATION	OFFSET	TYPE	RIM ELEVATION	INVERT (SOUTH)	INVERT (EAST)
PROPOSED INLET	56+93.54	26.2 LT	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	438.90	432.90	-----
EX INLET	56+41.73	24.8 LT		437.07	-----	431.39

STORM SEWERS, CLASS A, TYPE 1						
PIPE	REACH (FROM)	REACH (TO)	PIPE SIZE	LENGTH	SLOPE	TRENCH BACKFILL
			(IN)	(FT)	(%)	(CU YD)
NEW PIPE	PROPOSED INLET	EX INLET	12	51.8	2.9%	32.7

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	14
CONTRACT NO. 76N83				
ILLINOIS			FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE																			
LOCATION		LENGTH		TEMPORARY/PREFORMED PAVEMENT MARKING, TYPE D												RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	
				LINE 4"					LINE 8"	LINE 12"		LINE 24"	LETTERS AND SYMBOLS						
				WHITE SKIP-DASH	SOLID WHITE	DOUBLE YELLOW	SOLID YELLOW	YELLOW SKIP-DASH	SOLID WHITE	CROSSWALK	DIAGONAL LINES SOLID WHITE	DIAGONAL LINE SOLID YELLOW	STOP BAR	LEFT TURN ARROW	RIGHT TURN ARROW				COMB. ARROW
STA	TO	STA	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(EACH)	(FT)	(SQ FT)		
E. BROADWAY (MAINLINE)																			
34+28.00	TO	35+00.00	72				144	40											
35+00.00	TO	35+95.00	95		95		190	60						15.6	15.6				
35+95.00	TO	36+55.00	60		107														
36+55.00	TO	38+12.61	158	40	360	230					57			33	31.2				
38+12.61	TO	38+98.00	85	46								10							
38+98.00	TO	40+43.00	145	40	435	290						24		22	31.2			111.65	
40+43.00	TO	41+03.00	60	15	120	120												46.2	
41+03.00	TO	42+00.00	97	25	194		194	50				12			15.6	15.6		74.69	
42+00.00	TO	47+75.00	575		1105		1150	290				60			46.8	46.8		442.75	
47+75.00	TO	53+65.00	590		600		1180	295							46.8	78		454.3	
53+65.00	TO	55+75.00	210	152	583	420						115		33	31.2			161.7	
55+75.00	TO	56+75.00	100		100				24			14	9	11					
56+75.00	TO	58+01.50	127	30	127		510		127										
58+01.50	TO	59+59.00	158	30	316		632												
59+59.00	TO	61+00.00	141		141														
61+00.00	TO	63+26.00	226	56															
BROADWAY CONNECTOR																			
27+74.00	TO	28+93.00	119		119										15.6	26		8	
27+74.00	TO	29+64.00	190		223				125			32		21		15.6	26	8	
WASHINGTON AVE.																			
00+00.00	TO	01+50.00	150		250	300			66	109				24				6	
01+50.00	TO	01+80.00	30		25	60												115.5	
01+80.00	TO	07+50.00	570	140	390		1122											23.1	
07+50.00	TO	13+00.00	550	130	485	974	1054							40				438.9	
13+00.00	TO	14+00.00	100	20.0	100	200												146.30	
MONUMENT AVE.																			
RAMP TO IL 140																			
58+01.50	TO	59+59.00	158		158							53						423.5	
SUB TOTAL				724	6033	2594	6176	735	399	356	320	212	205	218	234	52	21	102	
TOTAL						16262			399		888					525		102	

PAVEMENT MARKING/GROOVING SCHEDULE													
LOCATION		GROOVING FOR RECESSED PAVEMENT MARKING											
		LINE 5"					LINE 9"	LINE 13"		LINE 25"			
		WHITE SKIP-DASH	SOLID WHITE	DOUBLE YELLOW	SOLID YELLOW	YELLOW SKIP-DASH	SOLID WHITE	CROSSWALK	DIAGONAL LINES SOLID WHITE	DIAGONAL LINE SOLID YELLOW	STOP BAR		
STA	TO	STA	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	
E. BROADWAY (MAINLINE)													
34+28.00	TO	35+00.00				144	40						
35+00.00	TO	35+95.00		95		190	60						
35+95.00	TO	36+55.00		107									
36+55.00	TO	38+12.61	40	360	230				57				33
38+12.61	TO	38+98.00	46							10			
38+98.00	TO	40+43.00	40	435	290					24			22
40+43.00	TO	41+03.00	15	120	120								
41+03.00	TO	42+00.00	25	194		194	50			12			
42+00.00	TO	47+75.00		1105		1150	290			60			
47+75.00	TO	53+65.00		600		1180	295						
53+65.00	TO	55+75.00	152	583	420					115			33
55+75.00	TO	56+75.00		100				24		14	9		11
56+75.00	TO	58+01.50	30	127		510		127					
58+01.50	TO	59+59.00	30	316		632							105
59+59.00	TO	61+00.00		141									98
61+00.00	TO	63+26.00	56										
BROADWAY CONNECTOR													
27+74.00	TO	28+93.00		119									
27+74.00	TO	29+64.00		223				125		32			21
WASHINGTON AVE.													
00+00.00	TO	01+50.00		250	300			66	109				24
01+50.00	TO	01+80.00		25	60								
01+80.00	TO	07+50.00	140	390		1122							
07+50.00	TO	13+00.00	130	485	974	1054							40
13+00.00	TO	14+00.00	20.0	100	200								
MONUMENT AVE.													
RAMP TO IL 140													
58+01.50	TO	59+59.00		158						53			
SUB TOTAL			724	6033	2594	6176	735	399	356	320	212	205	
TOTAL					16262			399		888			205

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USER NAME = dintelmanjn	DESIGNED -	REVISED -
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PLOT DATE = 6/30/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

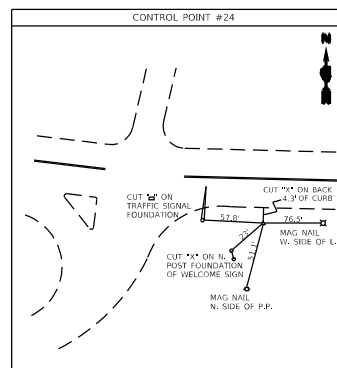
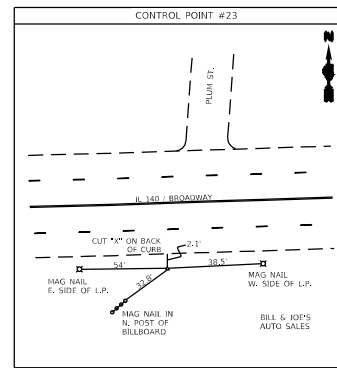
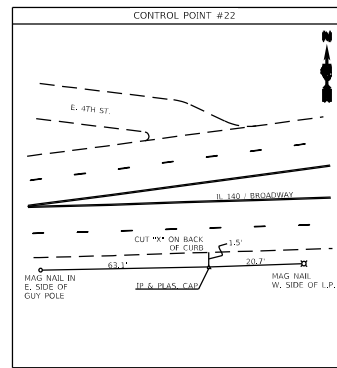
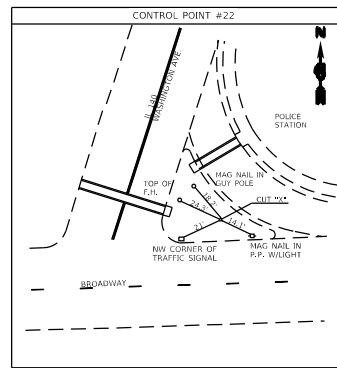
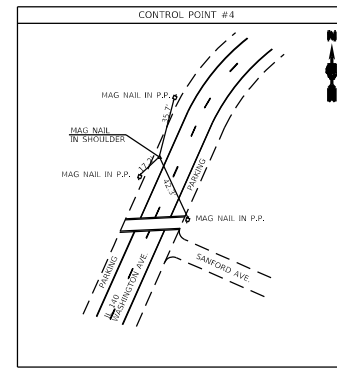
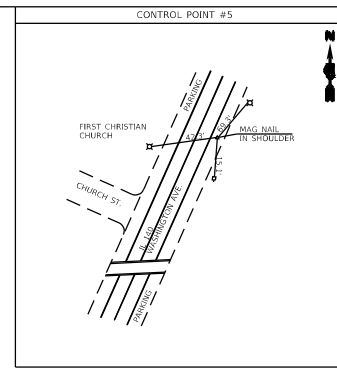
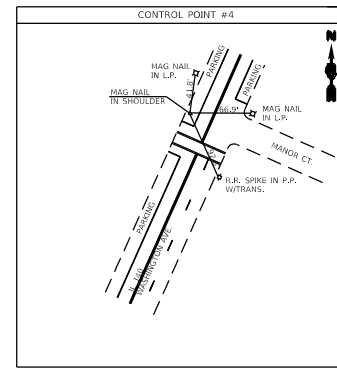
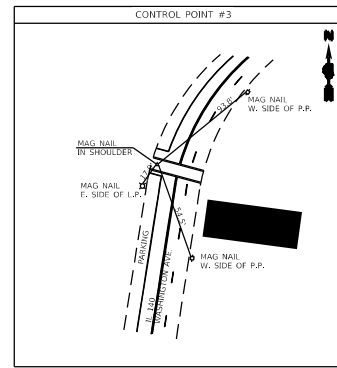
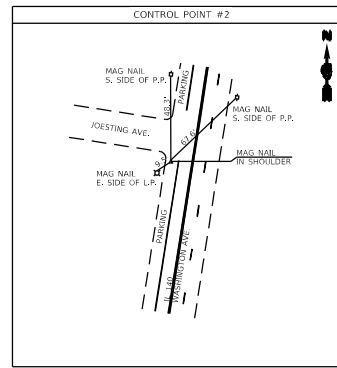
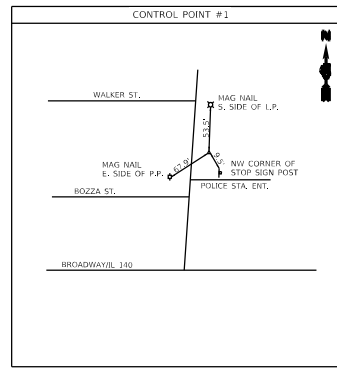
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	15
CONTRACT NO. 76N83				
ILLINOIS		FED. AID PROJECT		

ADA AND MEDIAN SCHEDULE				
LOCATION	PCC SIDEWALK 4 INCH	DETECTABLE WARNING	COMBINATION CURB AND GUTTER TYPE B-6.12	CONCRETE MEDIAN TYPE SB-6.06
	SQ FT	SQ FT	FOOT	SQ FT
EAST BROADWAY @ IL 140 NW QUAD.	614	13	140	
EAST BROADWAY @ IL 140 ISLAND	173	18	25	117
EAST BROADWAY @ IL NE QUAD.	407	10	38	
STA. 03+56.50 BUS STOP	22			
IL 140 @ GREATER GLORY TABERNACLE RT	132		18	
IL 140 @ GREATER GLORY TABERNACLE LT	132			
TOTAL	1480	41	221	117

SIGN SCHEDULE								
STATION	LOCATION	SIDE	SIGN TYPE	SIGN DIMENSIONS	SIGN PANEL TYPE 1	METAL POST TYPE A	METAL POST TYPE B	REMOVE SIGN PANEL - TYPE 1
				(FT)	(SQ FT)	(FT)	(FT)	(SQ FT)
37+47	E. BROADWAY RAMP	RT						9
37+75	E. BROADWAY RAMP	LT						9
37+80	E. BROADWAY	RT						9
37+80	E. BROADWAY	LT	R8-3A	24 X 30	5	13		
50+92	E. BROADWAY	LT	R3-7	36 X 36	9		14	
53+73	E. BROADWAY	LT	R3-I100a	24 x 24	4	12		
59+60	E. BROADWAY	LT	W11-2	36 X 36	9		14	
59+63	E. BROADWAY	LT						4
60+96	E. BROADWAY	LT						9
61+00	E. BROADWAY	LT	R3-7	36 X 36	9		14	
0+28	WASHINGTON AVE.	RT	W11-2	36 X 36	9			
0+28	WASHINGTON AVE. RAMP	RT	W16-7P	24 X 12	2		16	
0+60	WASHINGTON AVE. RAMP	RT	W11-2	36 X 36	9		16	
0+60	WASHINGTON AVE. RAMP	RT	W16-7P	24 X 12	2			
0+67	WASHINGTON AVE. RAMP	RT	R1-2					9
4+25	WASHINGTON AVE.	RT						11
4+41	WASHINGTON AVE.	LT						11
11+83	WASHINGTON AVE.	RT						9
12+15	WASHINGTON AVE.	RT	R1-5b	36 X 36	9		14	
12+33	WASHINGTON AVE.	RT	W11-2	36 X 36	9		16	
12+33	WASHINGTON AVE.	RT	W16-7P	24 X 12	2			
12+70	WASHINGTON AVE.	LT	R1-5b	36 X 36	9		14	
TOTALS					87	25	118	80

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USER NAME = dintelmanjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					785	101RS-5	MADISON	50	16
PLOT DATE = 6/30/2022	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 76N83				
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



BENCHMARKS

- BM 1: SET CUT "□" ON THE EAST SIDE OF THE CONCRETE BASE OF A LIGHT POLE ON THE SOUTH SIDE OF THE ENTRANCE TO THE ALTON POLICE STATION FROM IL 140/WASHINGTON AVE. ELEV. = 446.465' STA. 1+93, 52' RIGHT (IL 140)
- BM 2: SET CUT "□" ON THE EAST SIDE OF THE CONCRETE BASE OF A LIGHT POLE ON THE NORTH SIDE OF THE EMPLOYEE PARKING ENT. TO THE ALTON POLICE STA. FROM IL 140/WASHINGTON AVE. ELEV. = 465.650' STA. 4+94, 46' RIGHT (IL 140)
- BM 3: SET CUT "X" ON THE WEST BOLT OF FIRE HYDRANT ON THE EAST SIDE OF IL 140/WASHINGTON AVE. ACROSS FROM TERRA DR. ELEV. = 518.504' STA. 13+66, 29' RIGHT (IL 140)
- BM 4: RR SPIKE IN NW SIDE OF A POWER POLE ON THE SOUTH SIDE IL 140, IN THE SOUTH QUAD OF MANOR CT. & IL 140/WASHINGTON AVE. ELEV. = 519.984' STA. 14+75, 22' RIGHT (IL 140)
- BM 13: SET CUT "□" ON THE NW CORNER OF A TRAFFIC SIGNAL CONTROLLER BOX FOUNDATION IN THE MEDIAN AT THE INTERSECTION OF IL 140/ WASHINGTON AVE. AND BROADWAY ELEV. = 439.040' STA. 0+35, 29' RIGHT
- BM 14: SET RR SPIKE IN THE SOUTH SIDE OF POWER POLE (#26057) IN THE NW QUAD OF IL 140/BROADWAY & 4TH ST. APPROX. 100' WEST OF THE CENTERLINE OF 4TH ST. ELEV. = 437.171' STA. 49+26, 28' LEFT (BROADWAY)
- BM 15: SET CUT "□" ON THE N SIDE OF A TRAFFIC SIGNAL (#2380) W/MAST ARM FOUNDATION IN THE SE QUAD OF IL 140/BROADWAY & MONUMENT AVE./BROADWAY CONNECTOR. ELEV. = 430.523' STA. 38+77, 49' RIGHT (BROADWAY)
- BM 16: SET CUT "X" ON SSE FLANGE BOLT OF A FIRE HYDRANT IN THE NE QUAD OF BRADWAY & CENTRAL AVE. ELEV. = 439.358' STA. 26+93, 27' LEFT (BROADWAY)

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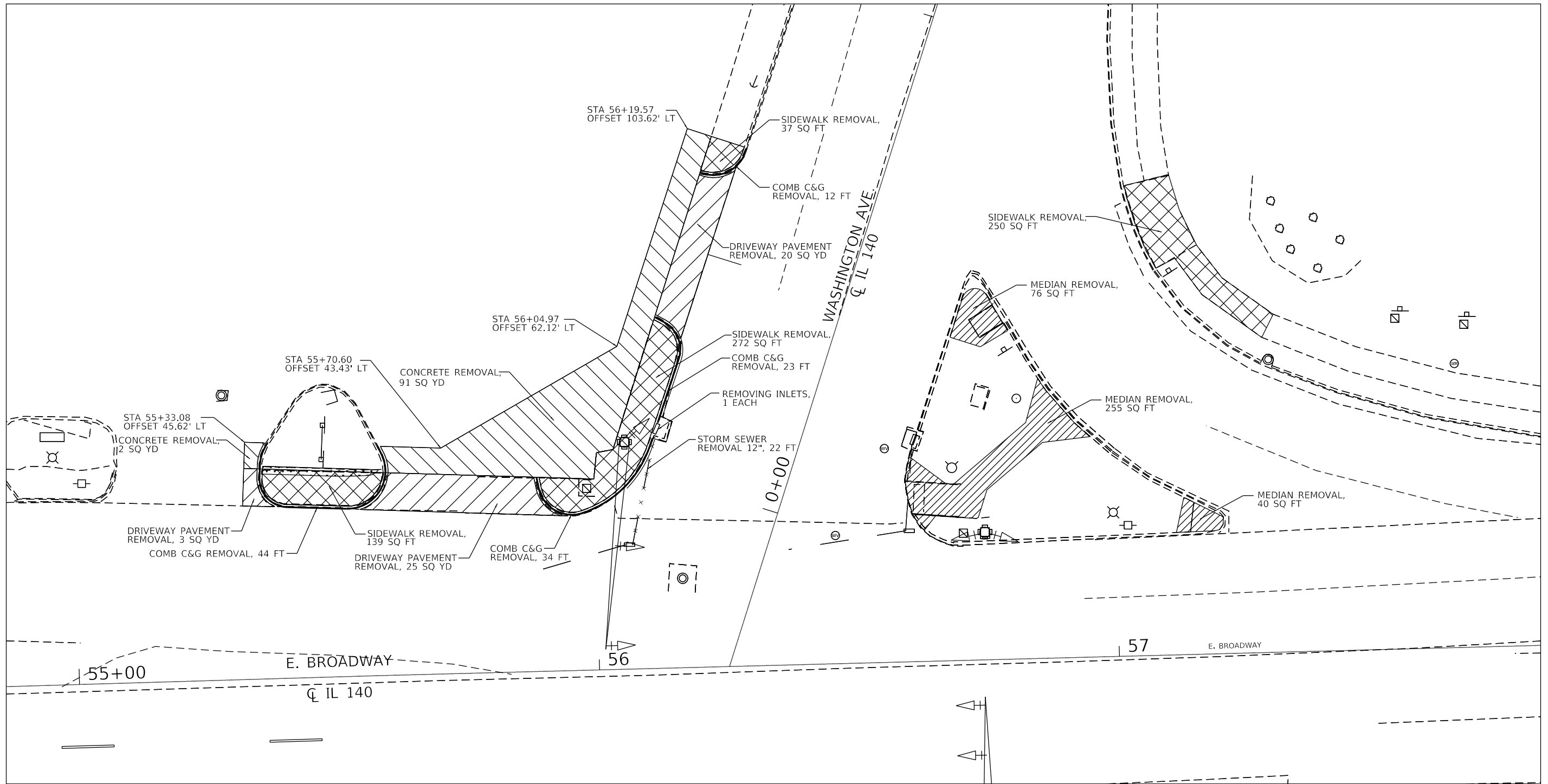
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PLOT DATE = 6/30/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**







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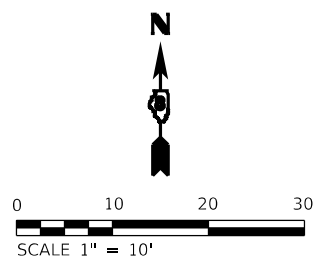
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	17
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  CONCRETE REMOVAL
-  COMBINATION CURB AND GUTTER OR CURB REMOVAL
-  MEDIAN REMOVAL
-  STORM SEWER REMOVAL



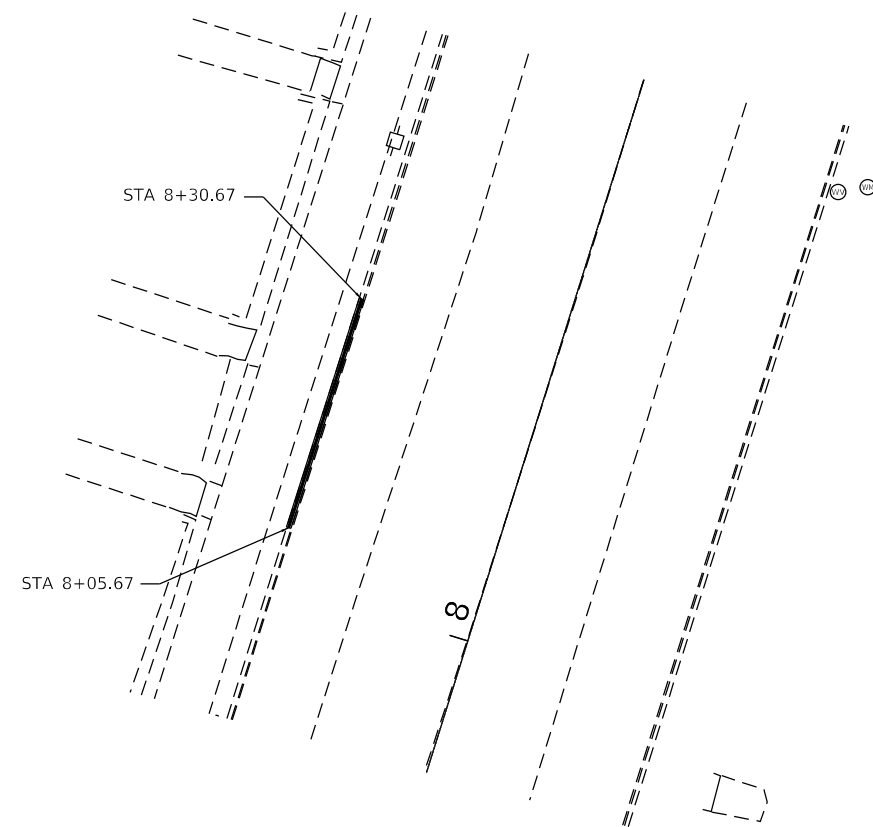
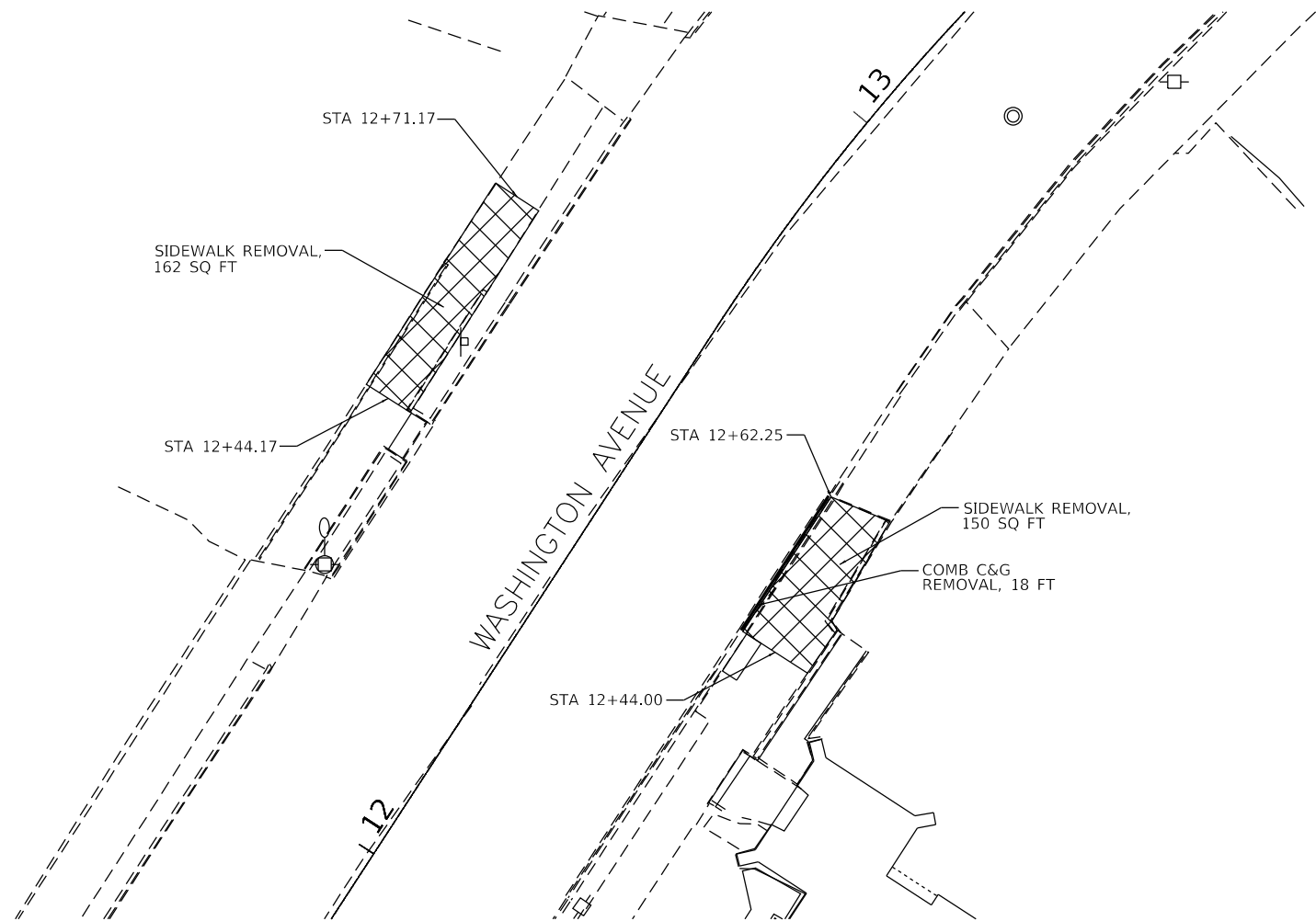
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PLOT DATE = 6/30/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN			
E. BROADWAY AND WASHINGTON AVE.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 18
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



0 10 20 30

SCALE 1" = 10'

LEGEND

DRIVEWAY PAVEMENT REMOVAL

SIDEWALK REMOVAL

CONCRETE REMOVAL

COMBINATION CURB AND GUTTER OR CURB REMOVAL

MEDIAN REMOVAL

STORM SEWER REMOVAL

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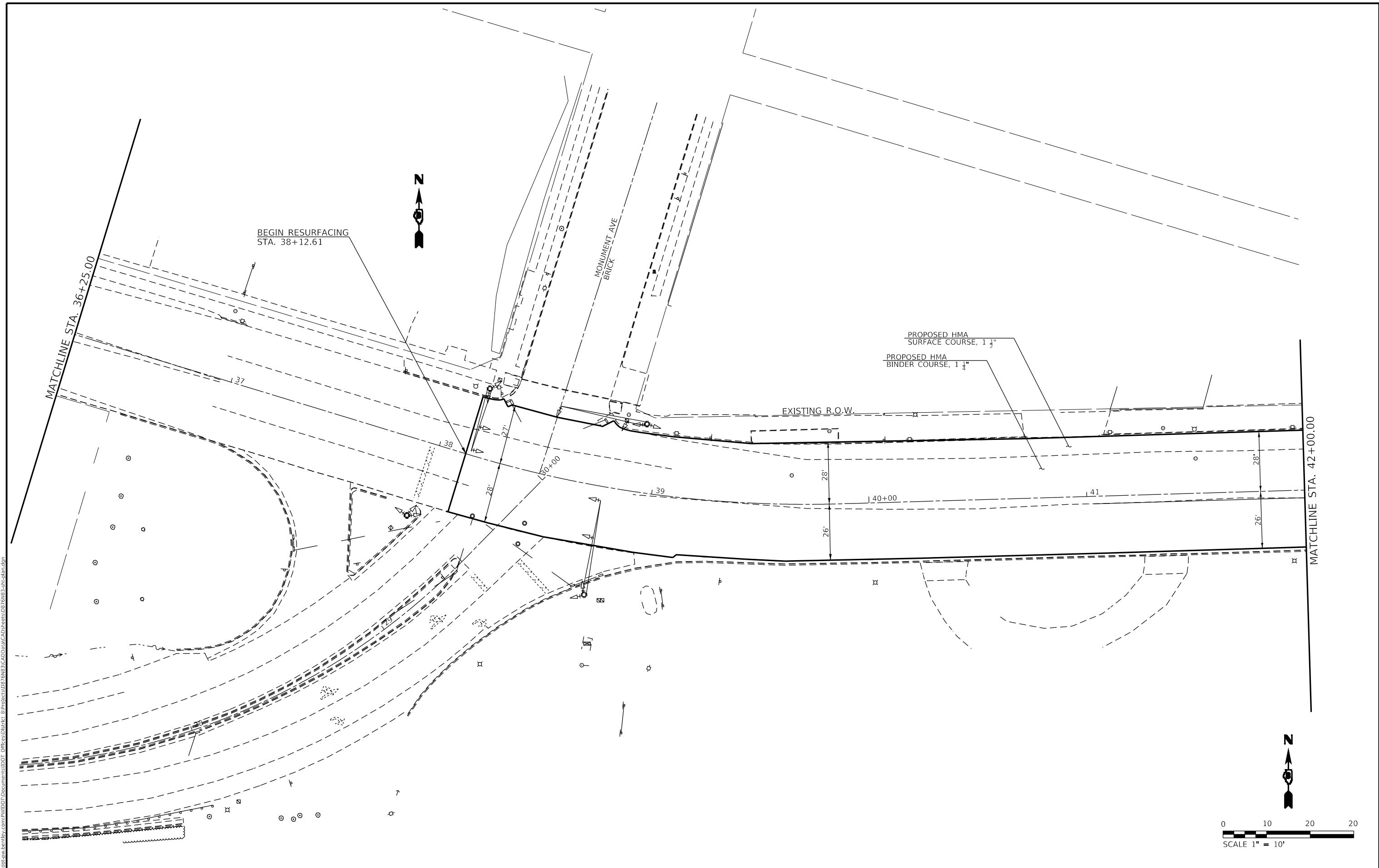
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	19
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

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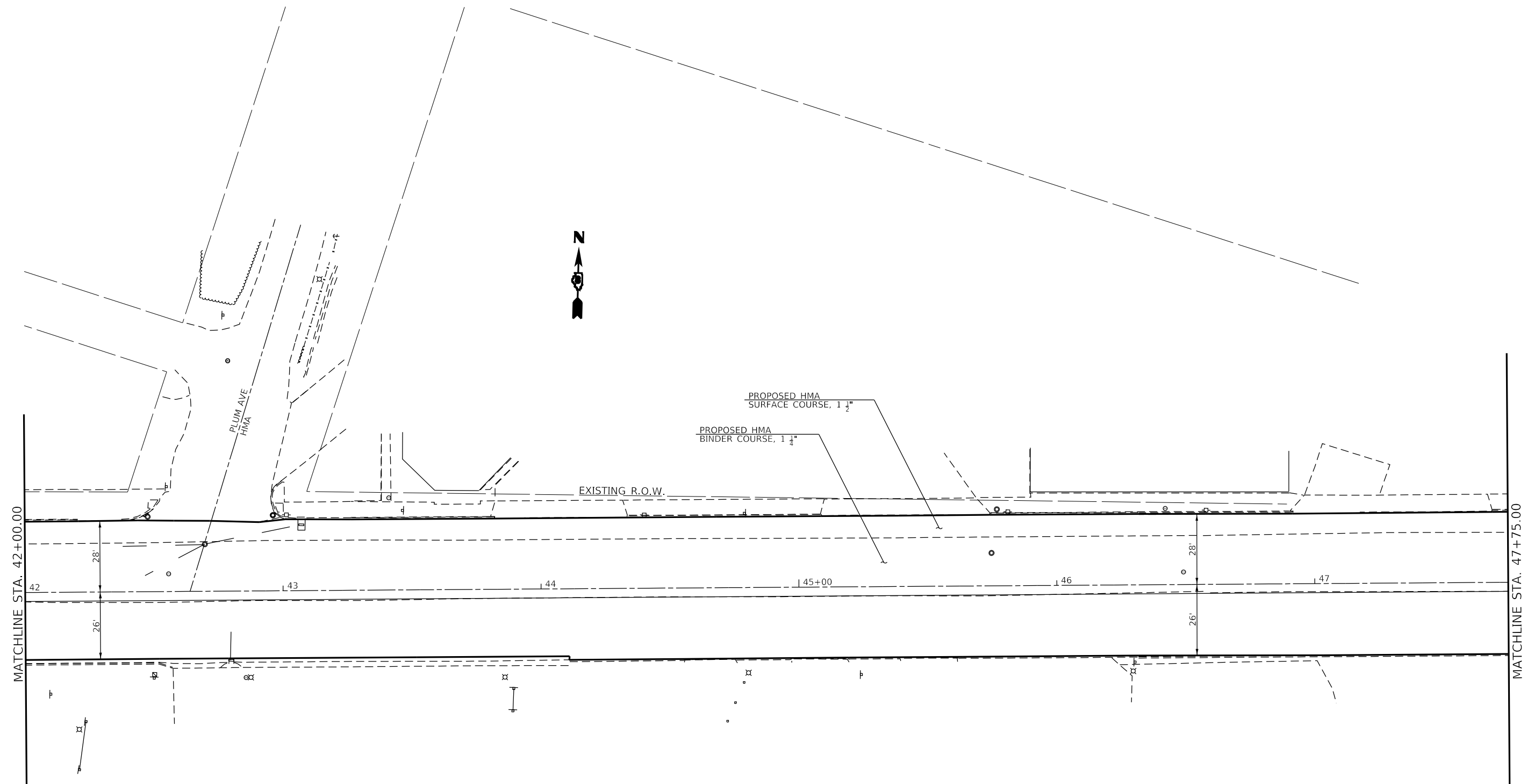
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 E. BROADWAY AND WASHINGTON AVE.**

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 20
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 42+00.00

MATCHLINE STA. 47+75.00

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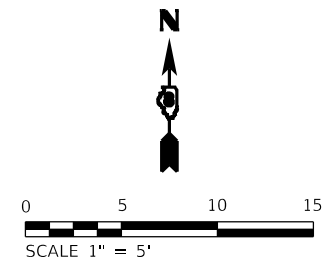
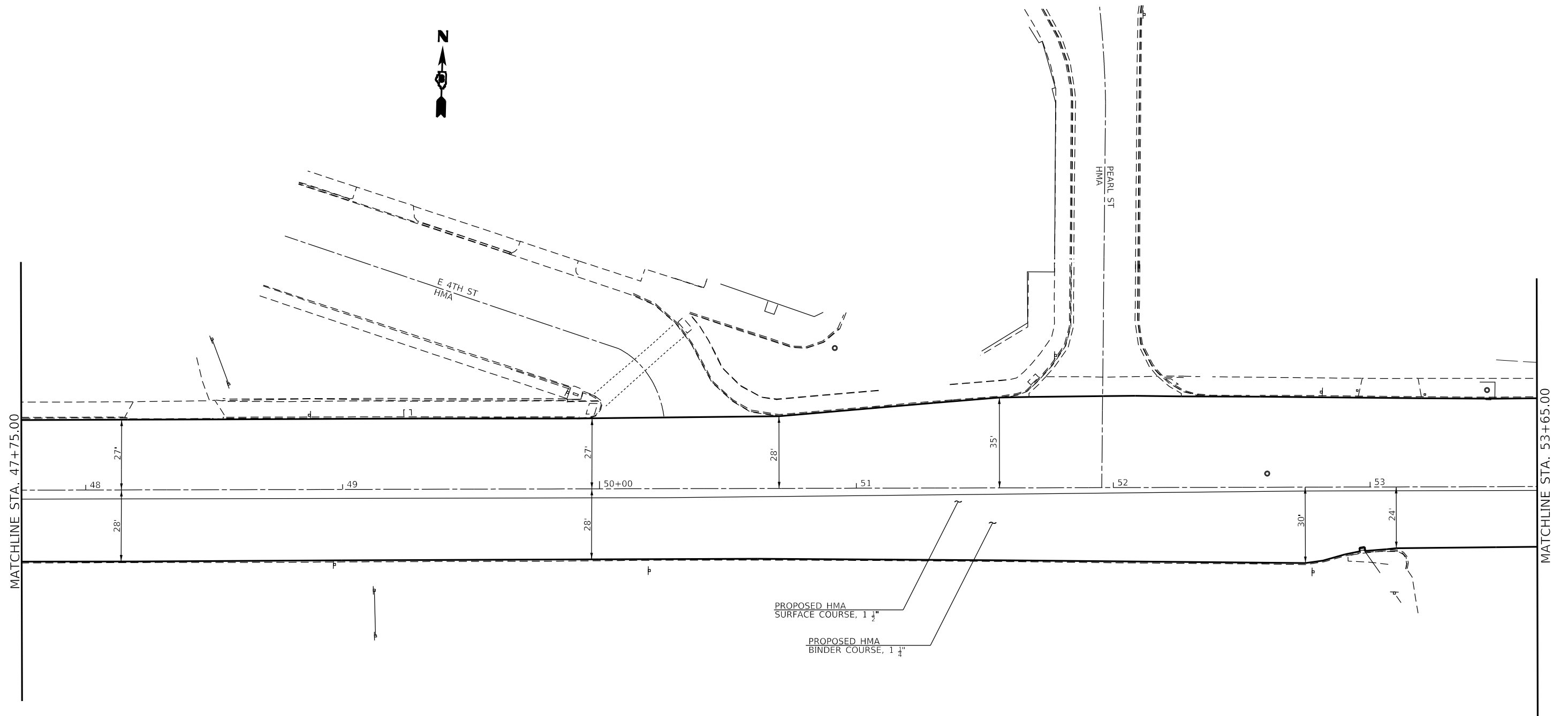
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
E. BROADWAY AND WASHINGTON AVE.**

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 21
CONTRACT NO. 76N83			ILLINOIS FED. AID PROJECT	

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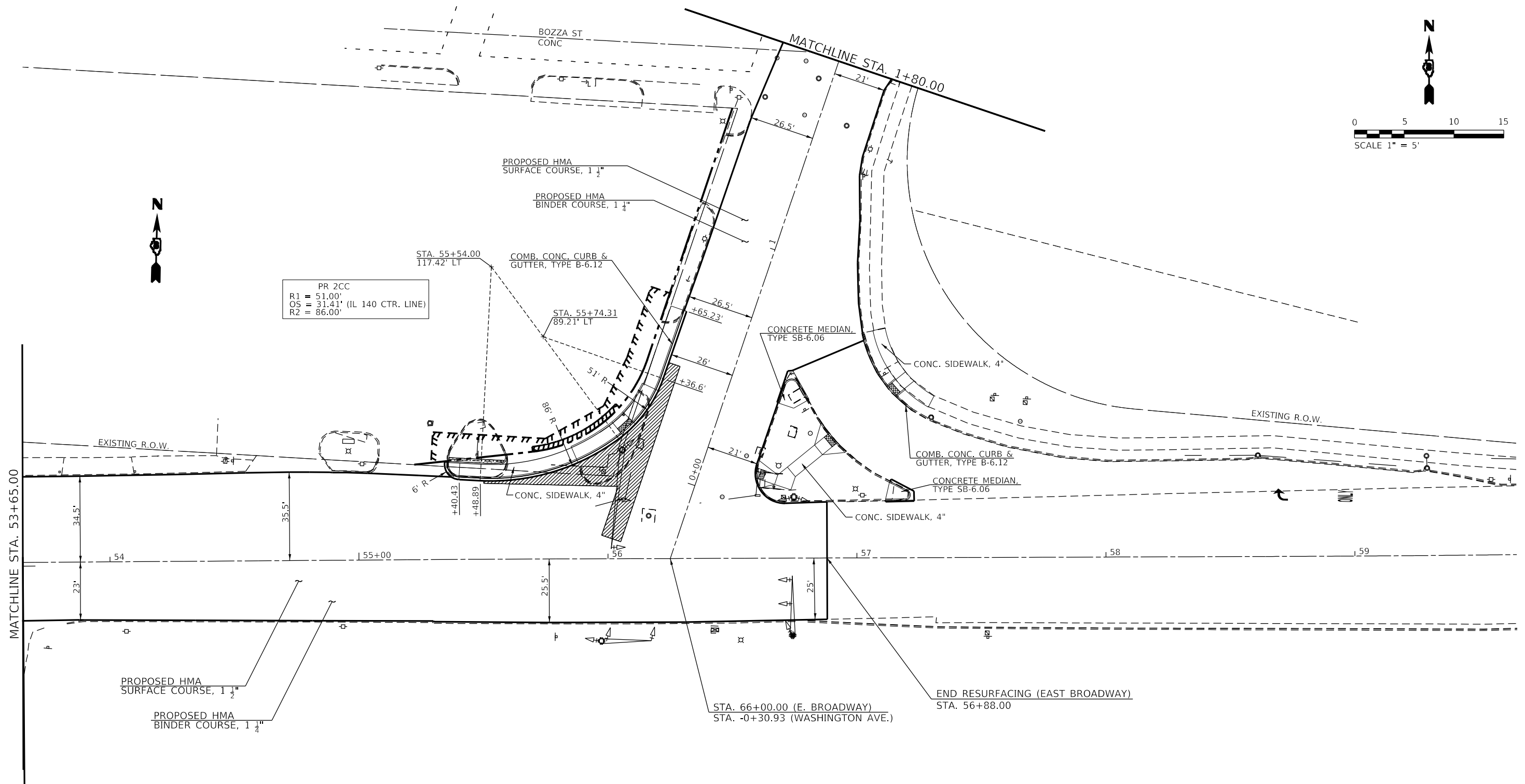
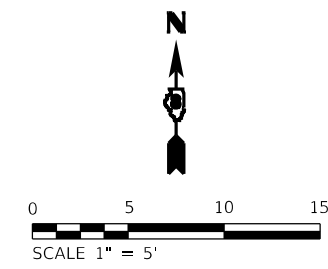
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 E. BROADWAY AND WASHINGTON AVE.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	22
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- PROPOSED R.O.W.
- CLASS B, PATCHES

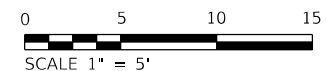
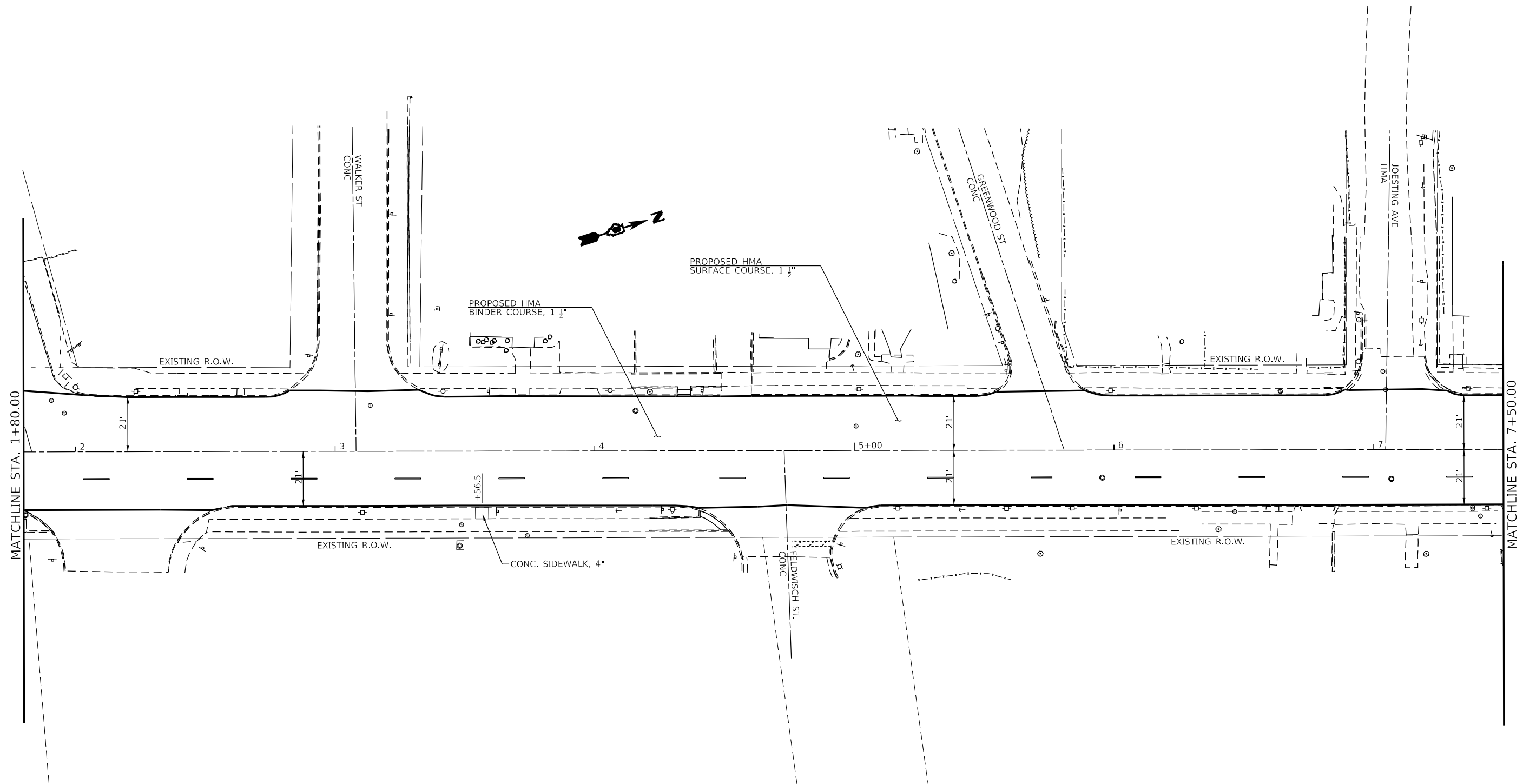
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET			
E. BROADWAY AND WASHINGTON AVE.			
SCALE:	SHEET 4	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	23
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



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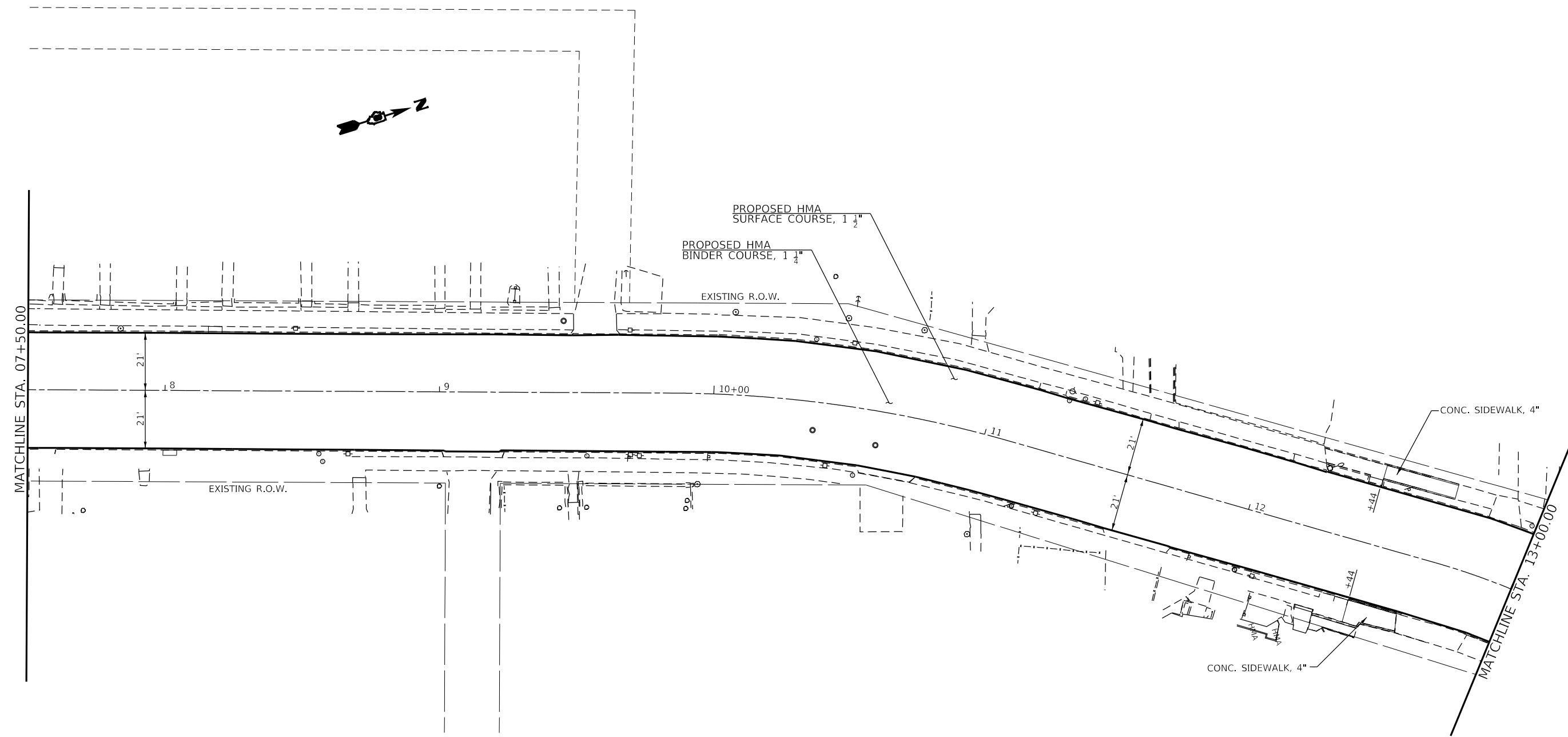
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PLOT DATE = 6/30/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
E. BROADWAY AND WASHINGTON AVE.

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	24
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



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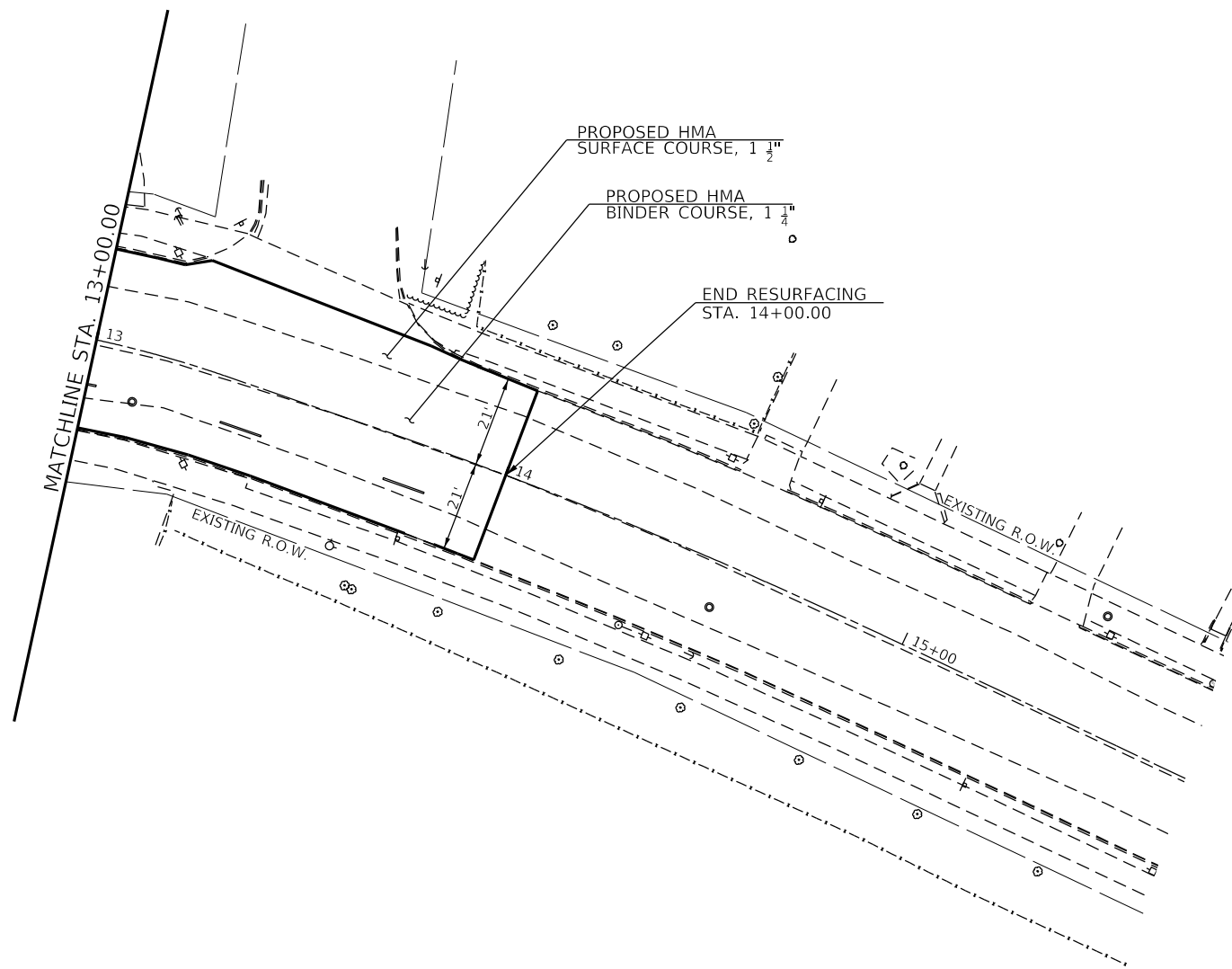
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PLOT DATE = 6/30/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
E. BROADWAY AND WASHINGTON AVE.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	25
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

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



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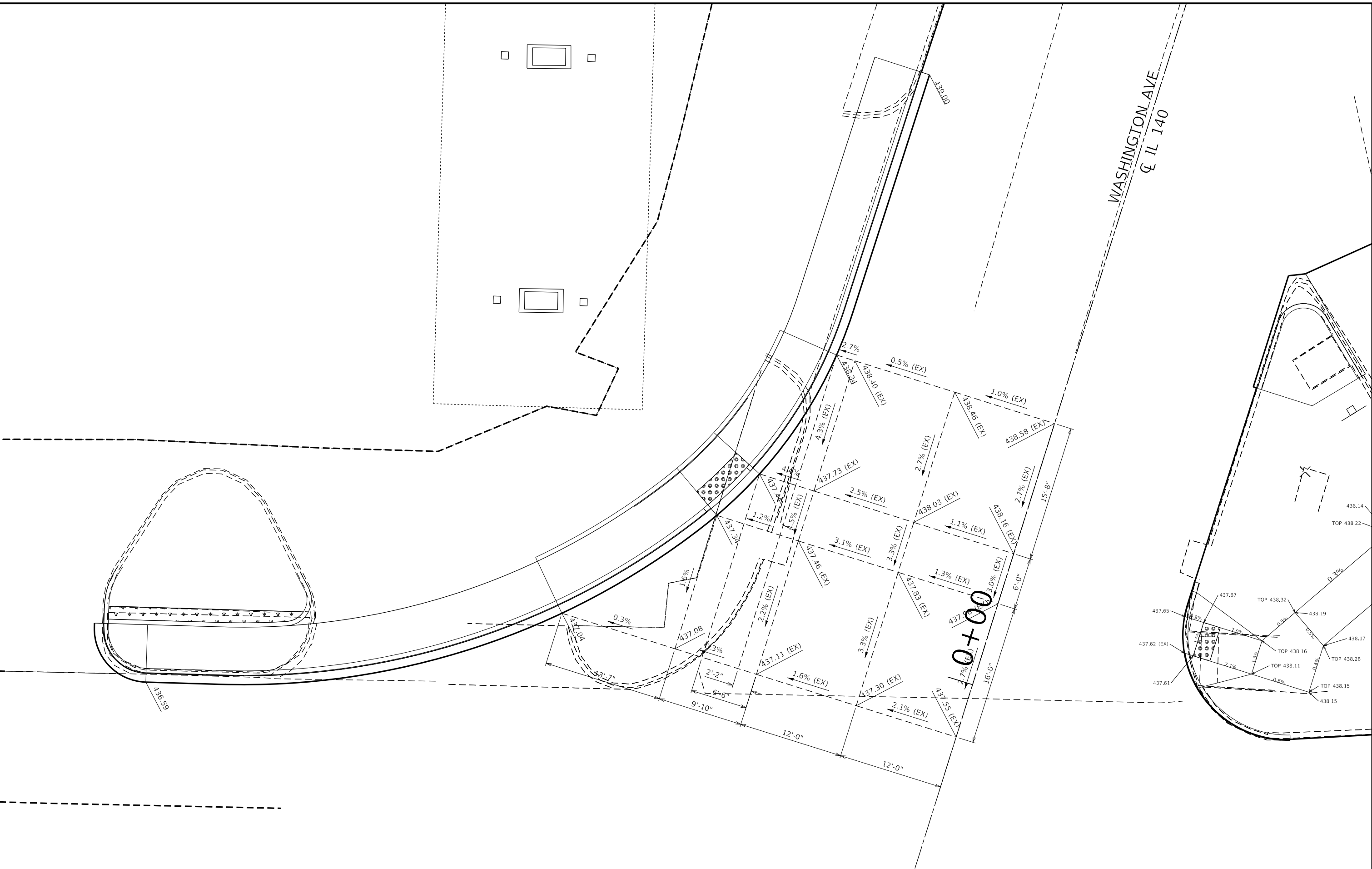
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PLOT DATE = 6/30/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET E. BROADWAY AND WASHINGTON AVE.			
SCALE:	SHEET 8	OF 8	SHEETS
	STA.	TO STA.	

F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 26
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

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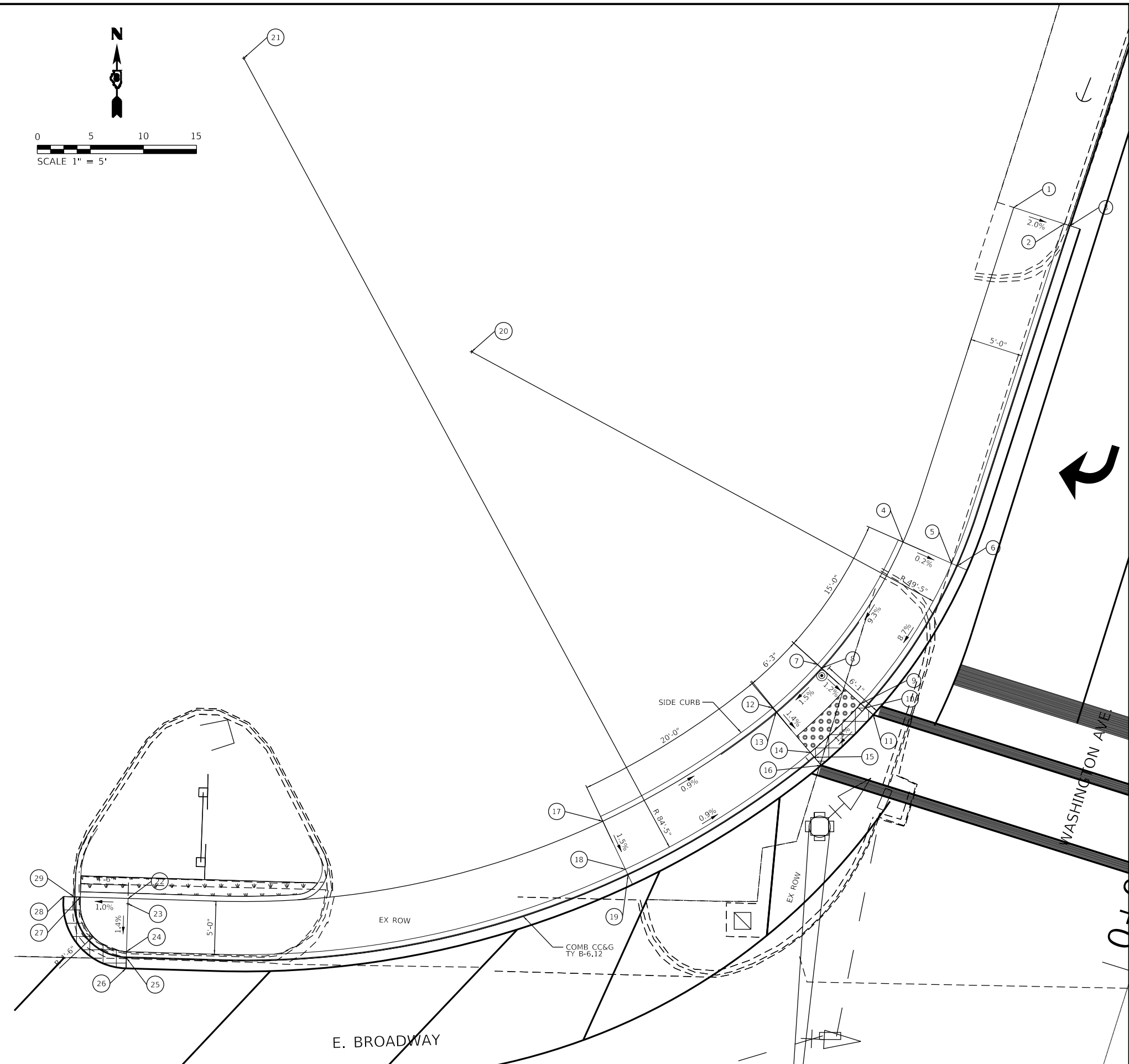
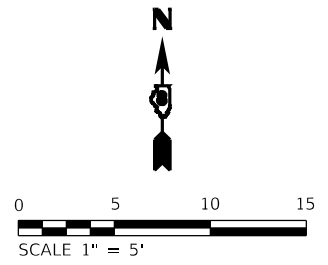
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL			
E. BROADWAY AND WASHINGTON AVE.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	27
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

NORTHWEST QUADRANT

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	99046.12	38311.73	439.54 (EX)	SIDEWALK
2	99044.58	38316.49	439.44 (EX)	TOP BK CURB
3	99044.40	38317.05	438.94 (EX)	FL GUTTER
4	99014.62	38301.32	438.78	SIDEWALK
5	99012.60	38305.89	438.78	TOP BK CURB
6	99012.37	38306.43	438.28	FL GUTTER
7	99003.09	38293.26	438.51 (EX)	TOP SIDE CURB
8	99002.75	38293.63	437.46	SIDEWALK
9	98999.40	38297.34	437.40	BK DEP CURB
10	98999.01	38297.77	437.39	FL GUTTER
11	98998.34	38298.51	437.44	FR DEP CURB
12	98999.00	38289.03	438.30 (EX)	TOP SIDE CURB
13	98998.62	38289.35	437.37	SIDEWALK
14	98994.80	38292.58	437.30	BK DEP CURB
15	98994.35	38292.96	437.29	FL GUTTER
16	98993.59	38293.61	437.34	FR DEP CURB
17	98988.33	38273.03	437.55 (EX)	SIDEWALK
18	98983.80	38275.16	437.48	TOP BK CURB
19	98983.27	38275.41	436.98	FL GUTTER
20	99032.53	38260.67	N/A	CENTER PT
21	99060.18	38239.22	N/A	CENTER PT
22	98981.06	38278.32	436.62	SIDFWAI K
23	98980.56	38228.31	N/A	CENTER PT
24	98976.06	38228.17	436.55	BK DEP CURB
25	98975.48	38228.16	436.54	FL GUTTER
26	98974.48	38228.13	436.59	FR DEP CURB
27	98981.19	38223.83	436.58	BK DEP CURB
28	98981.24	38222.24	436.62 (EX)	FR DEP CURB
29	98981.21	38223.24	436.57	FL GUTTER



LEGEND

- DETECTABLE WARNING
- DEPRESSED CURB AND GUTTER
- PEDESTRIAN PUSH BUTTON POST

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

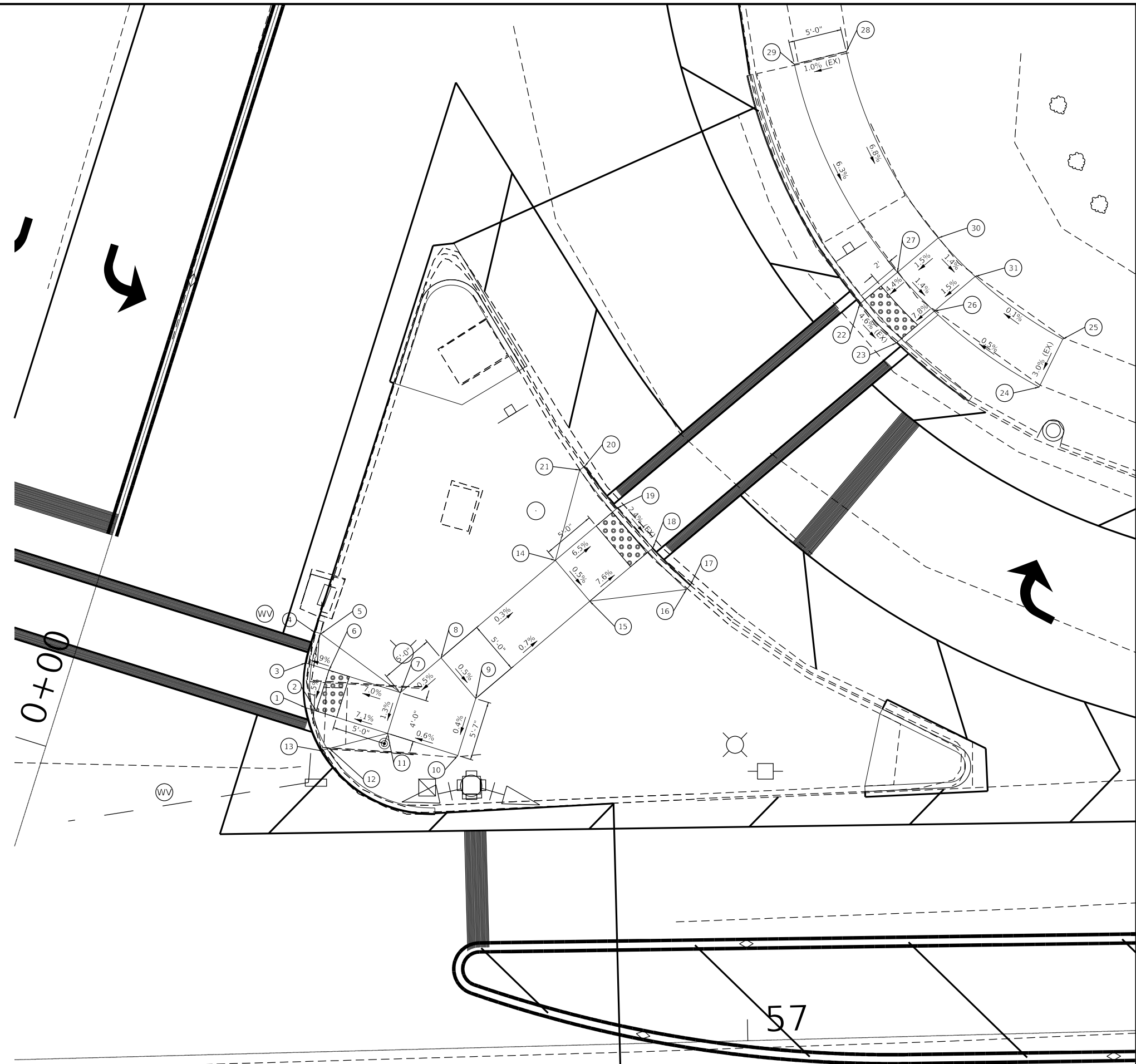
**ADA PLANS
NW QUADRANT AT E. BROADWAY AND WASHINGTON AVE.**

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


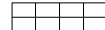

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ILLINOIS FED. AID PROJECT			CONTRACT NO. 76N83	

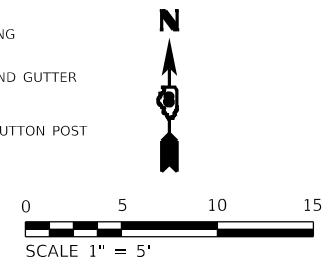
NORTHEAST QUADRANT

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	98977.68	38347.61	437.62 (EX)	
2	98977.49	38348.24	437.61	
3	98981.91	38347.51	437.65 (EX)	
4	98984.84	38348.11	437.71 (EX)	
5	98984.71	38348.68	438.21	
6	98981.30	38349.44	437.67	
7	98979.21	38356.12	438.16	
8	98982.45	38359.92	438.19	
9	98978.65	38363.17	438.17	
10	98973.33	38361.50	438.15	
11	98975.39	38354.92	438.11	
12	98973.98	38349.47	438.02	
13	98973.72	38348.95	437.52	
14	98991.59	38370.62	438.14	
15	98987.77	38373.84	438.11 (EX)	
16	98988.87	38382.89	437.46	
17	98989.30	38383.28	437.46 (EX)	
18	98992.75	38379.75	437.52 (EX)	
19	98996.48	38376.42	437.64 (EX)	
20	99000.39	38373.37	437.80 (EX)	
21	99000.05	38372.90	438.30	
22	99015.61	38399.14	437.42 (FX)	
23	99011.95	38402.55	437.19 (EX)	
24	99007.82	38415.91	437.49 (EX)	
25	99012.30	38418.13	437.64 (EX)	
26	99014.92	38406.08	437.84	
27	99018.56	38402.64	437.62	
28	99039.22	38397.86	439.03 (EX)	
29	99038.03	38393.00	438.98 (EX)	
30	99021.78	38406.47	437.70	
31	99018.16	38409.93	437.63	



LEGEND

-  DETECTABLE WARNING
-  DEPRESSED CURB AND GUTTER
-  PEDESTRIAN PUSH BUTTON POST



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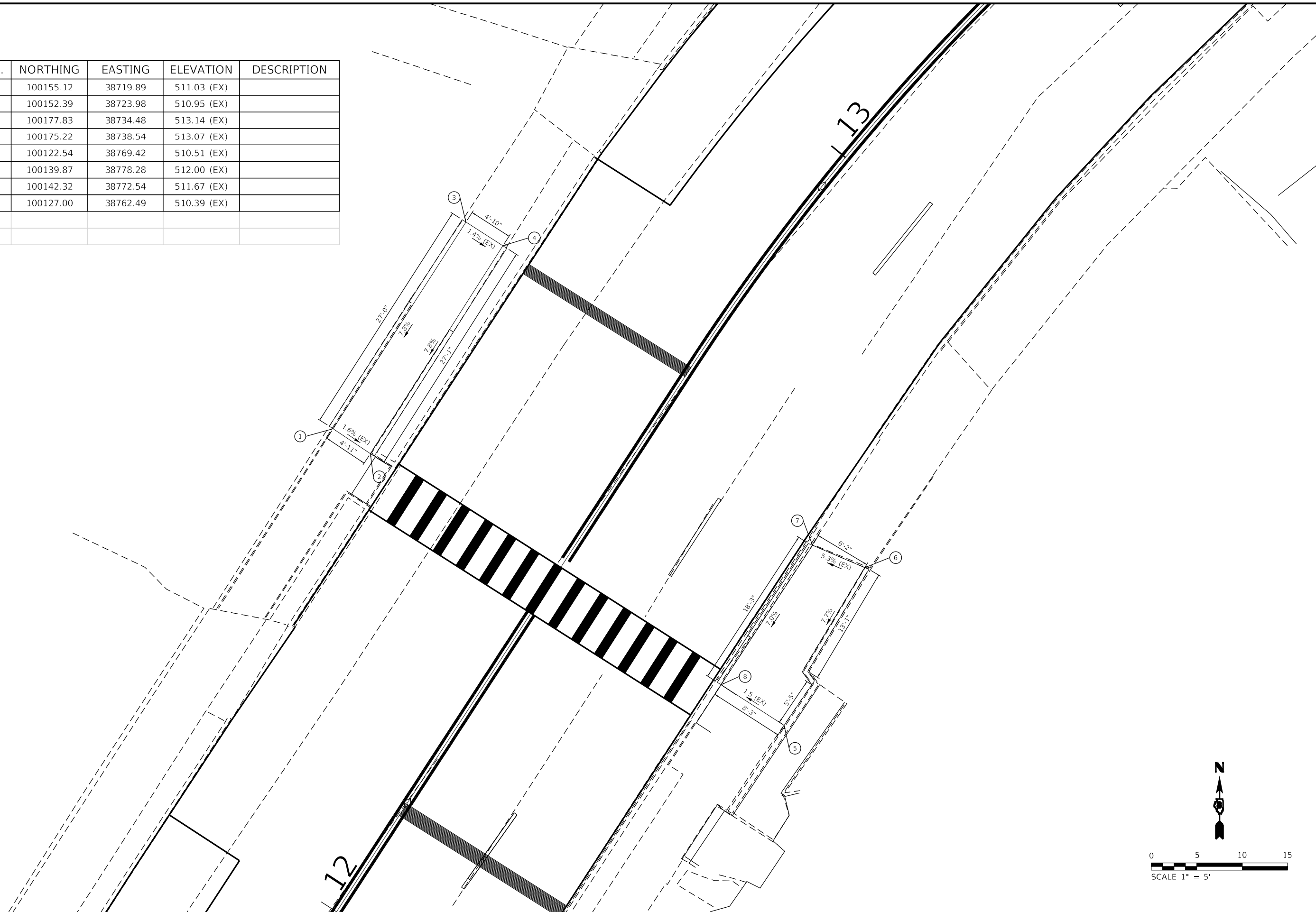
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLANS
NE QUADRANT AT E. BROADWAY AND WASHINGTON AVE.

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

F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 29
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	100155.12	38719.89	511.03 (FX)	
2	100152.39	38723.98	510.95 (EX)	
3	100177.83	38734.48	513.14 (EX)	
4	100175.22	38738.54	513.07 (EX)	
5	100122.54	38769.42	510.51 (EX)	
6	100139.87	38778.28	512.00 (EX)	
7	100142.32	38772.54	511.67 (EX)	
8	100127.00	38762.49	510.39 (EX)	



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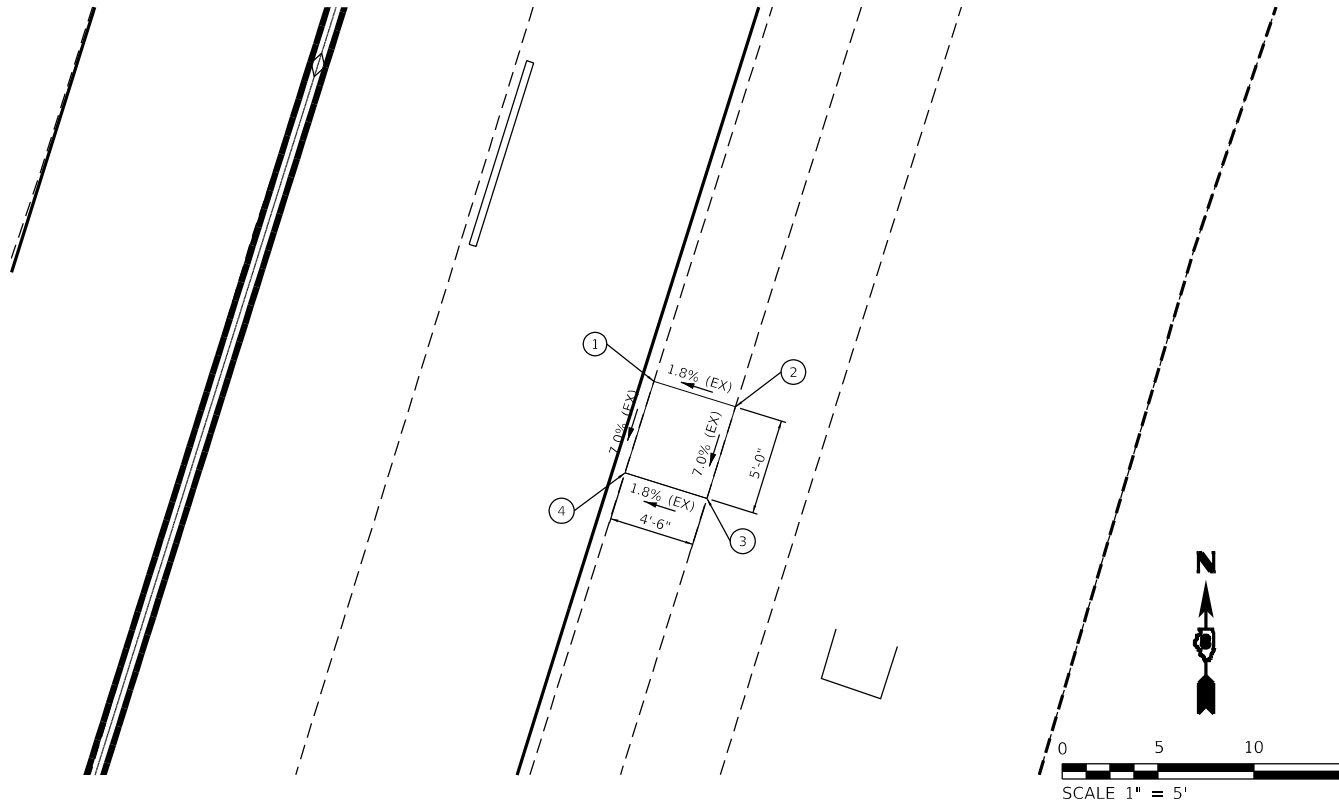
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

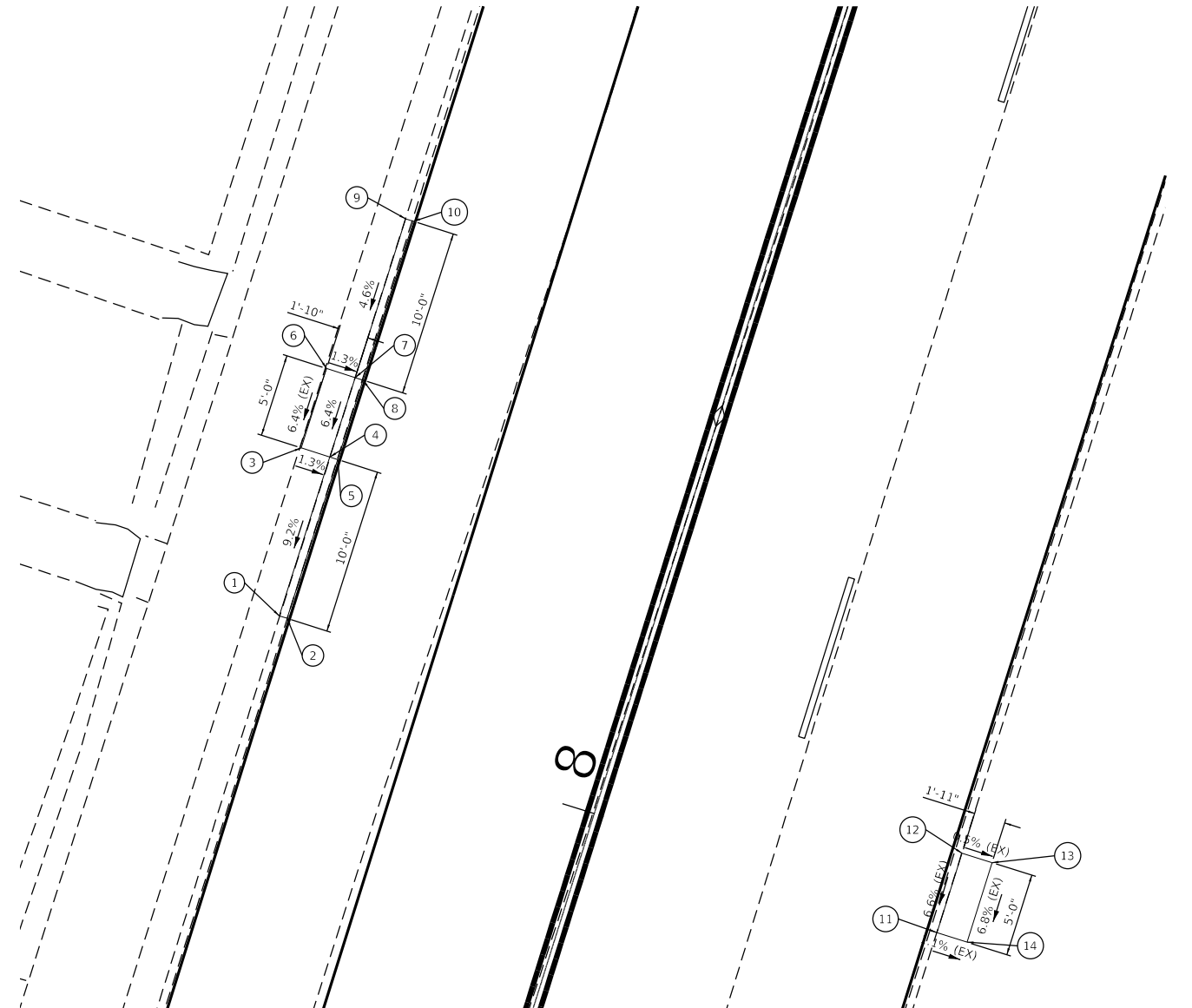
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GREATER GLORY TABERNACLE CHURCH STREET CROSSING

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

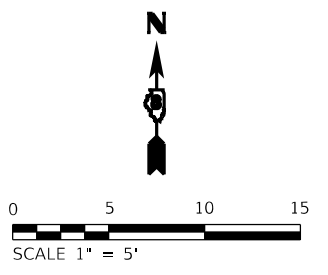
F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76N83	



WALKER ST. AND FELDWISCH ST.				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	99310.28	38451.13	454.46 (EX)	
2	99308.95	38455.38	454.54 (EX)	
3	99304.18	38453.89	454.19 (EX)	
4	99305.52	38449.62	454.11 (EX)	



JOESTING AVE. AND TERRA DR.				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	99749.33	38543.64	484.03 (EX)	
2	99749.17	38544.12	484.05 (EX)	
3	99759.4	38544.96	484.97 (EX)	
4	99758.85	38546.68	484.95	
5	99758.66	38547.78	484.94	
6	99764.16	38546.48	485.29 (EX)	
7	99763.62	38548.20	485.27	
8	99763.47	38548.67	485.26	
9	99773.15	38551.23	485.73 (EX)	
10	99772.98	38551.81	485.75 (EX)	
11	99730.31	38583.12	483.51 (EX)	
12	99735.08	38584.62	483.84 (EX)	
13	99734.51	38586.42	483.83 (EX)	
14	99729.74	38584.92	483.49 (EX)	



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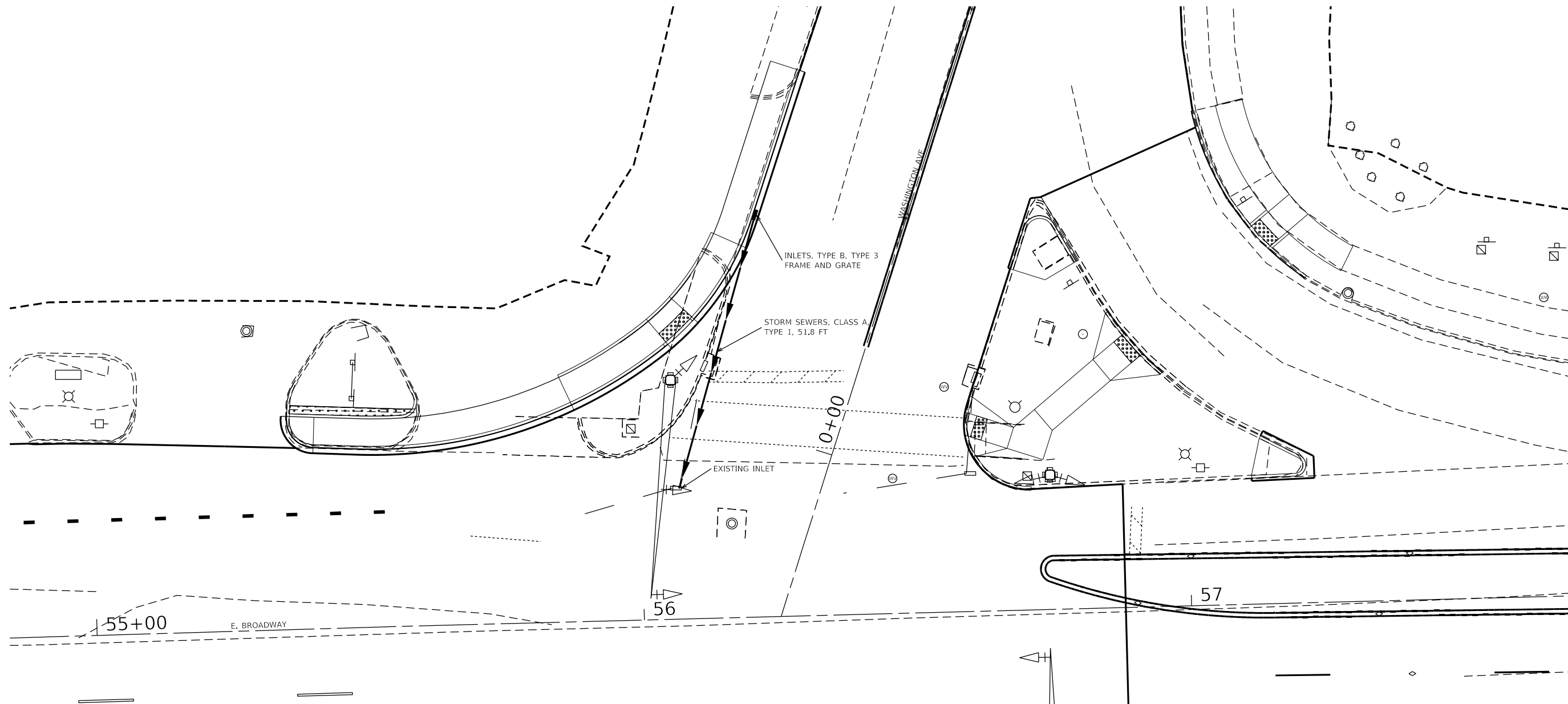
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PLOT DATE = 6/30/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS BOARDING AND ALIGHTING AREAS

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

F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 31
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



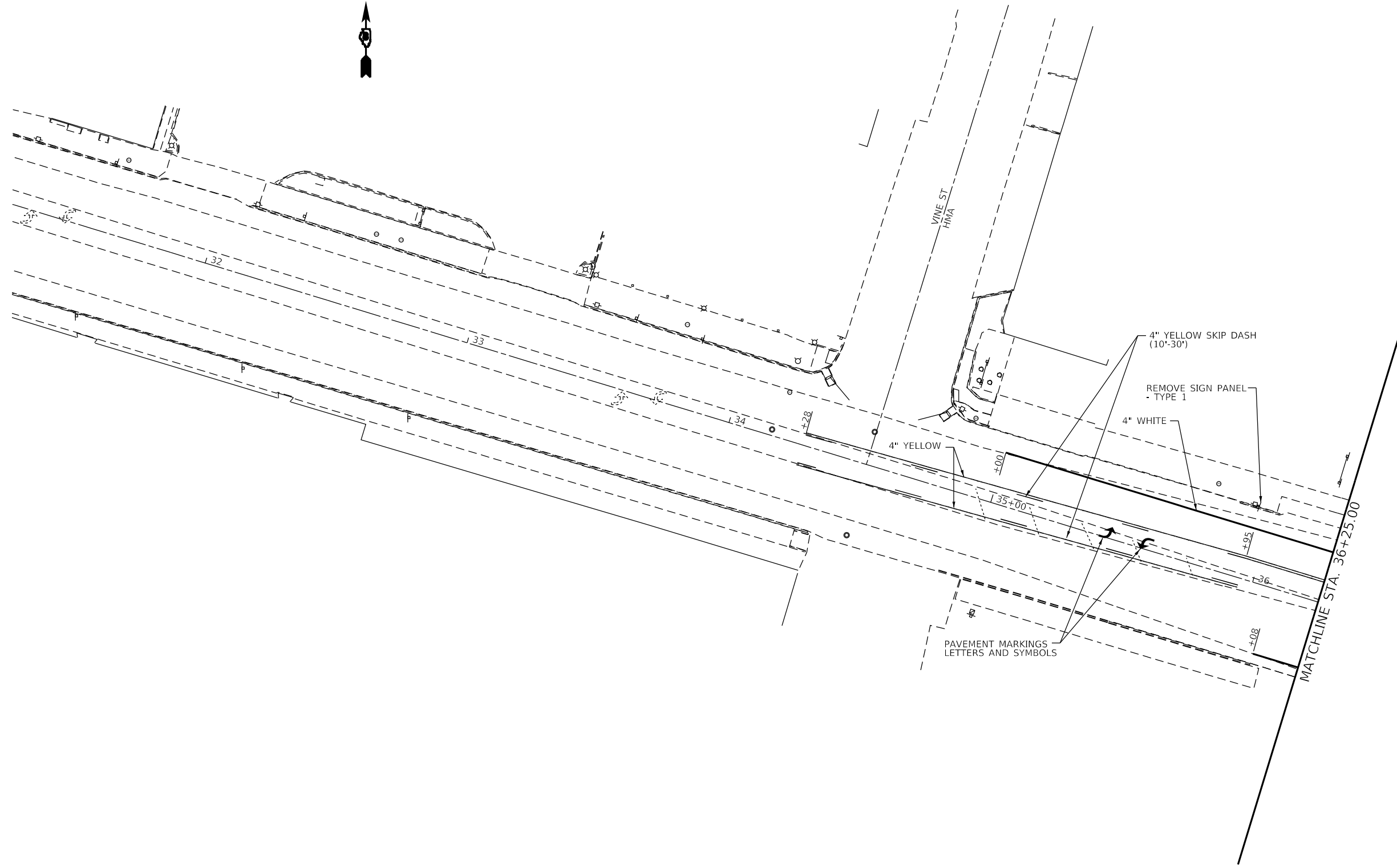
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PLOT DATE = 6/30/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	32
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



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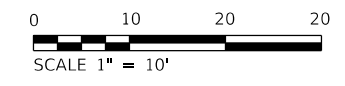
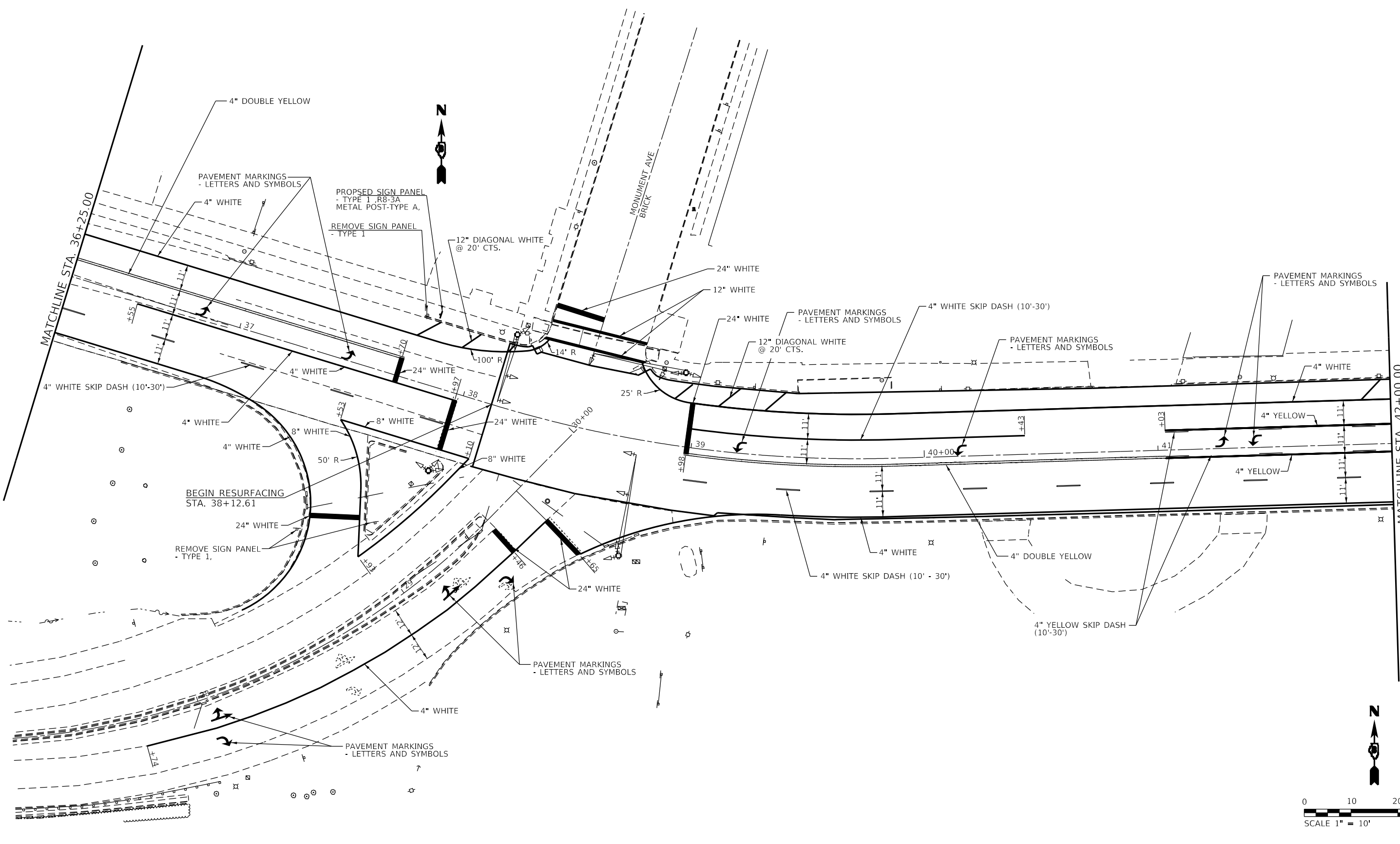
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND
 SIGNING SHEET**

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 33
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

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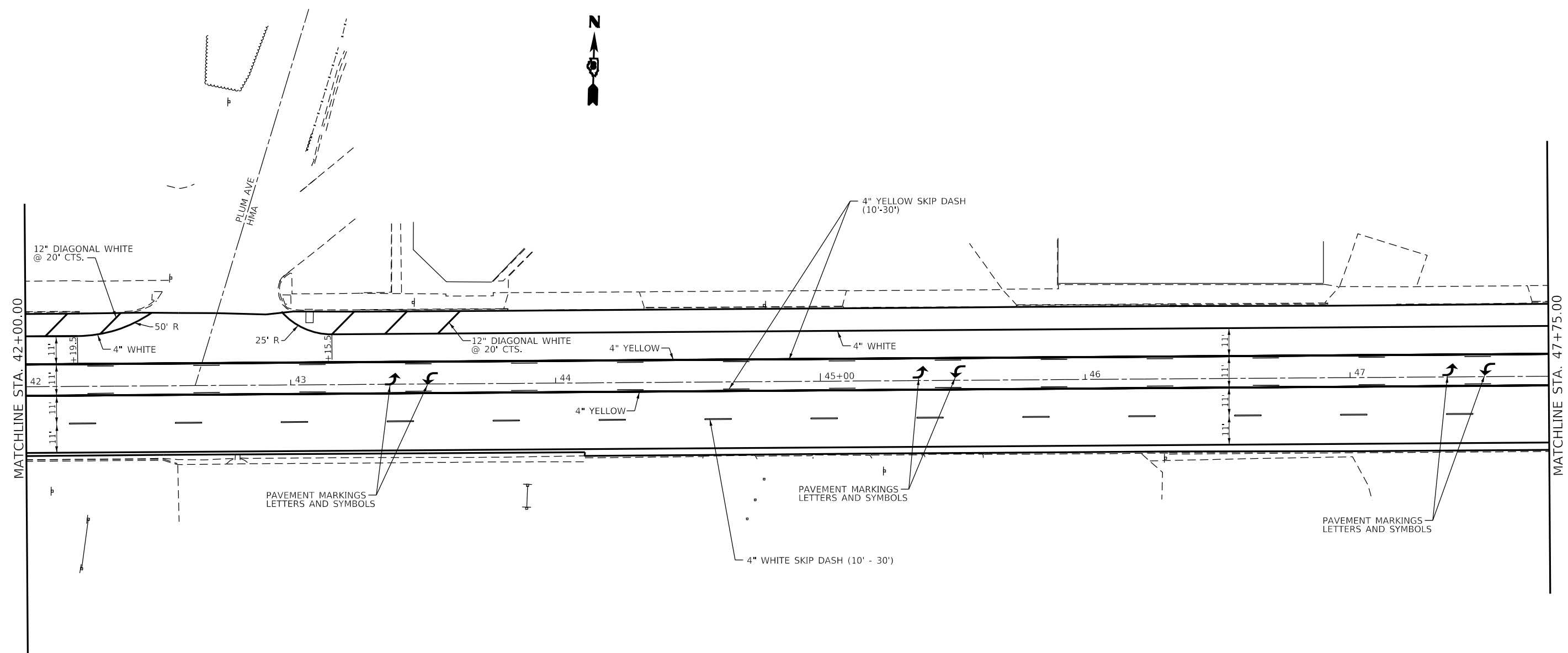
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND
SIGNING SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	34
CONTRACT NO. 76N83				
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.



E. BROADWAY

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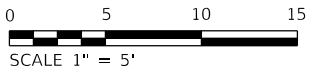
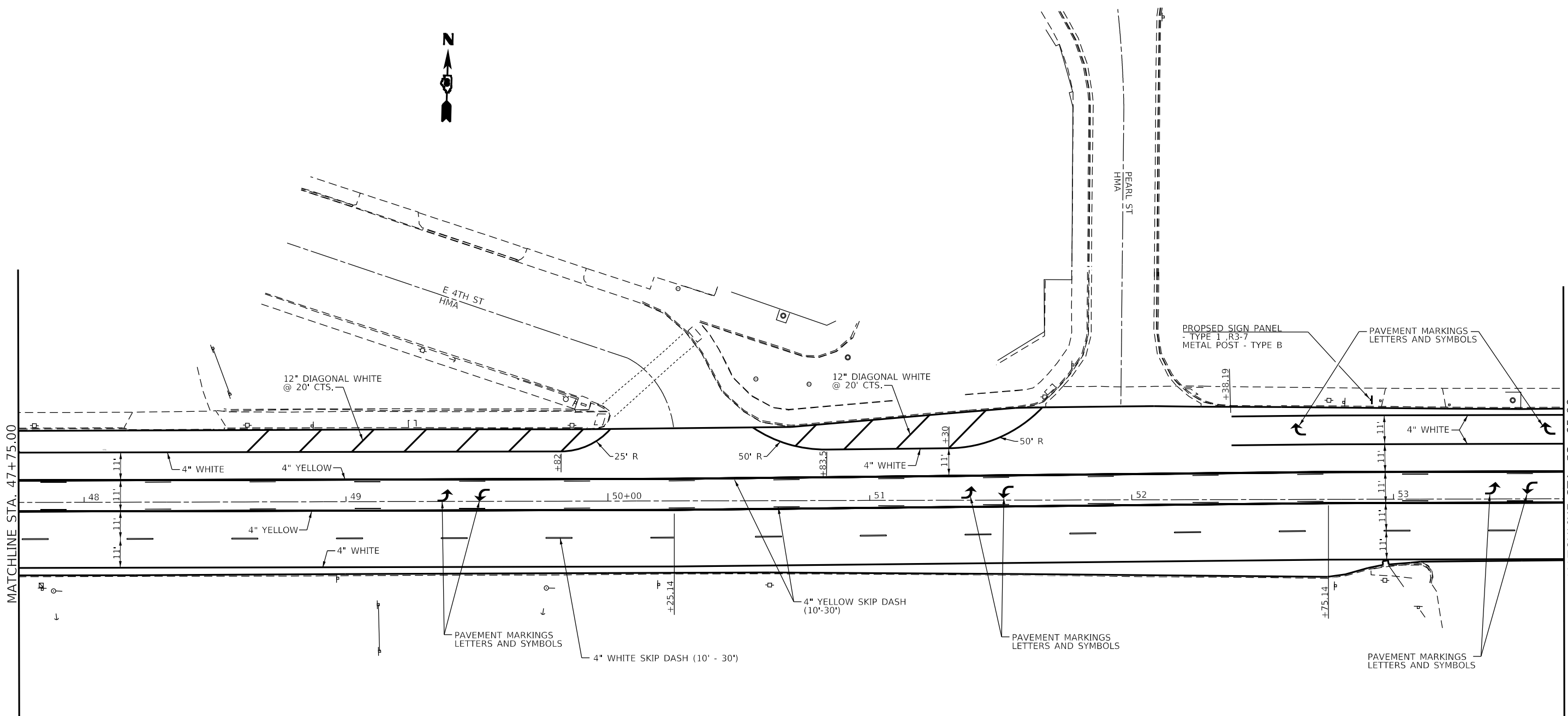
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PLOT DATE = 6/30/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND
SIGNING SHEET

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	35
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



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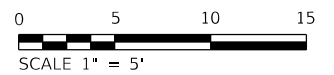
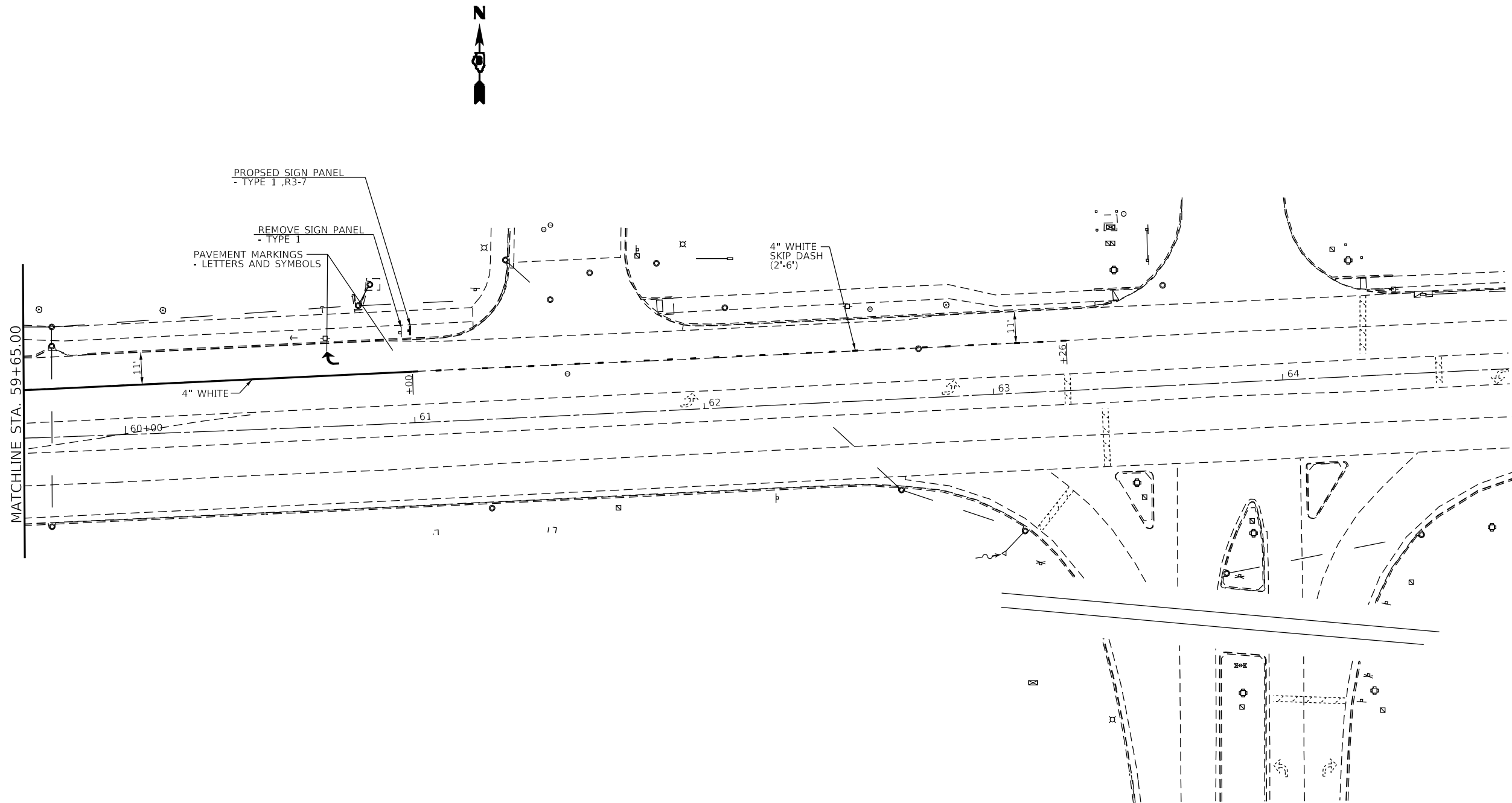
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND
SIGNING SHEET**

SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	36
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



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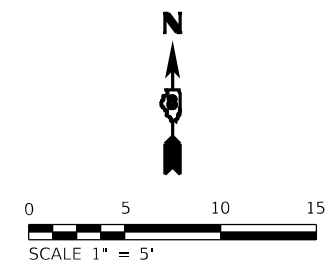
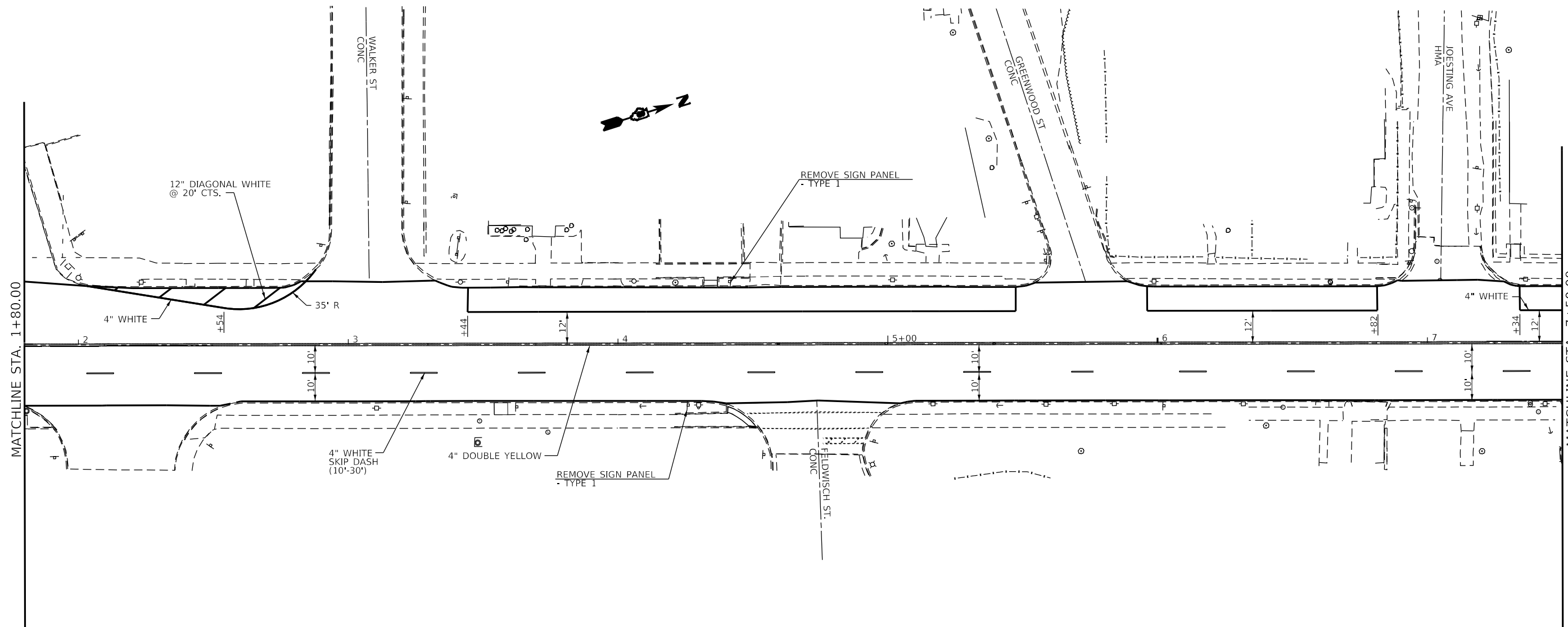
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND
SIGNING SHEET

SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76N83	

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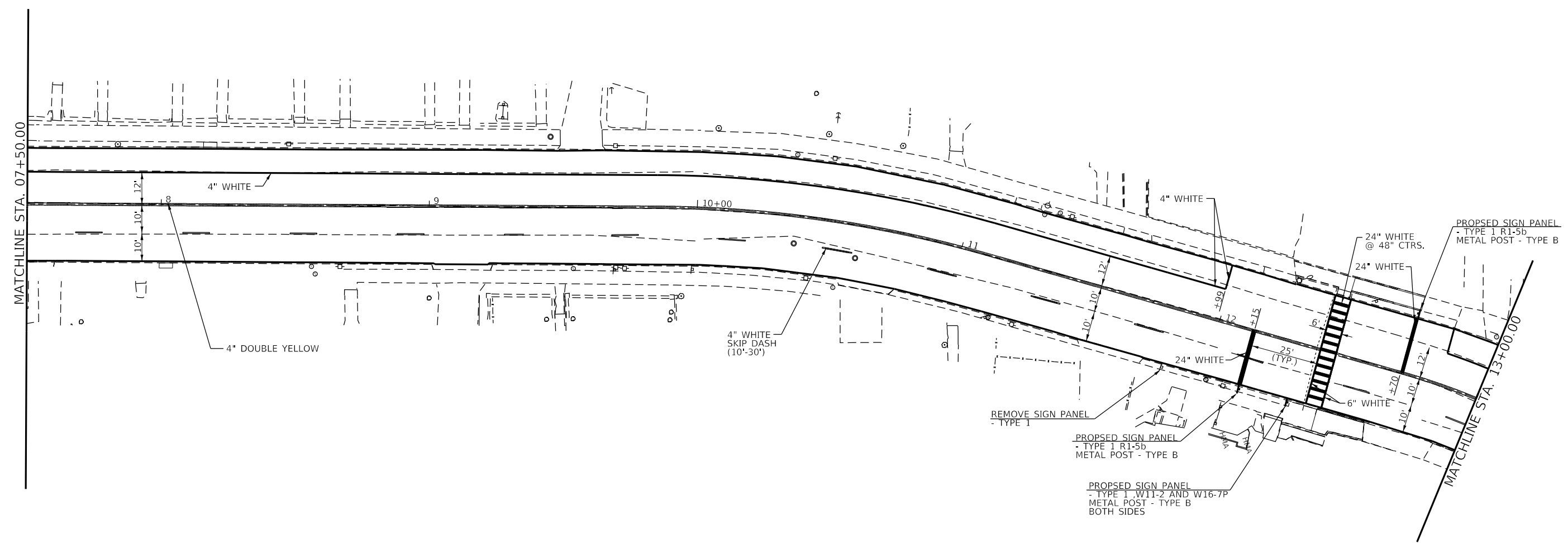
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PLOT DATE = 6/30/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND
 SIGNING SHEET**

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76N83	



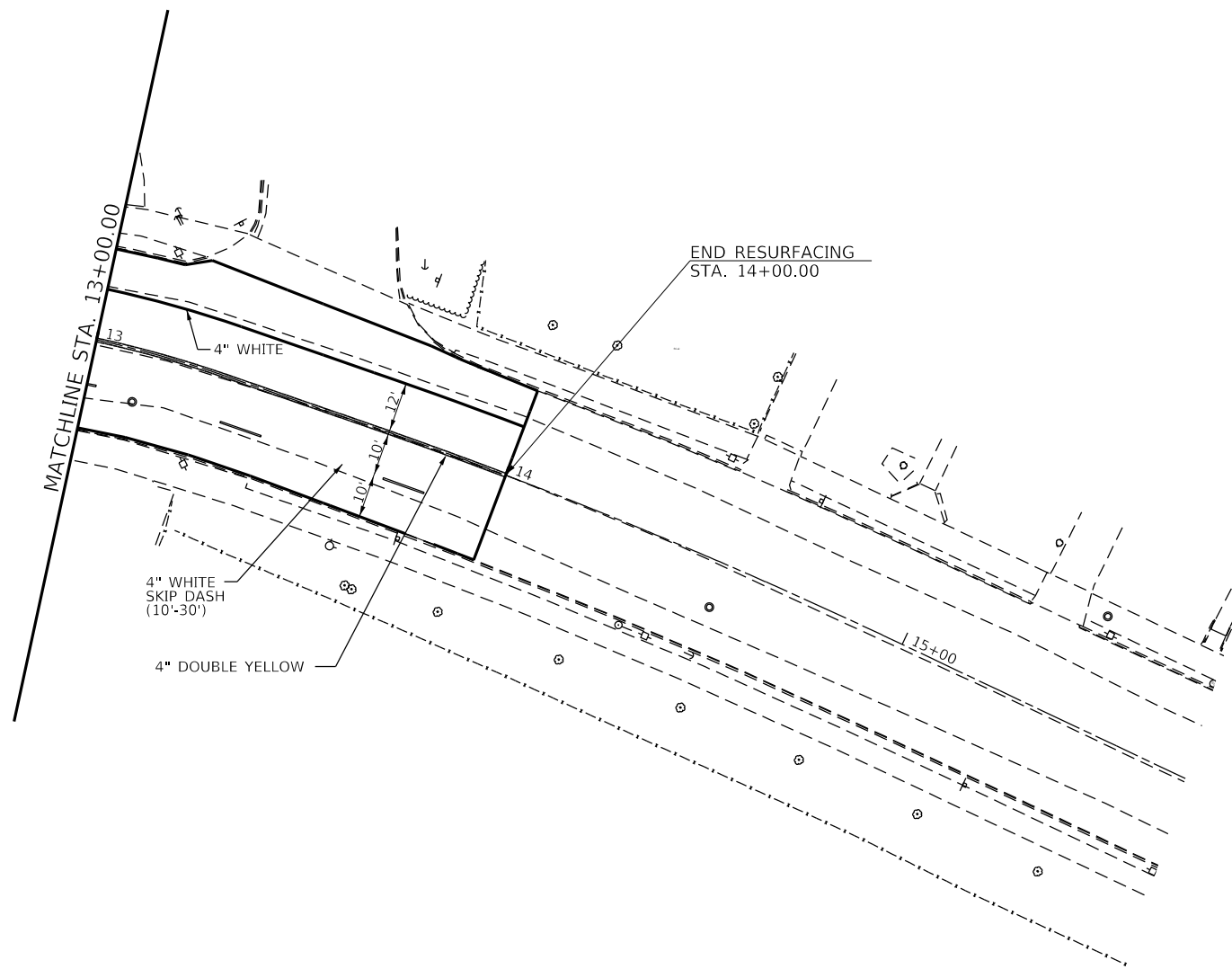
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING SHEET			
SCALE:	SHEET 8	OF 9 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	40
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				



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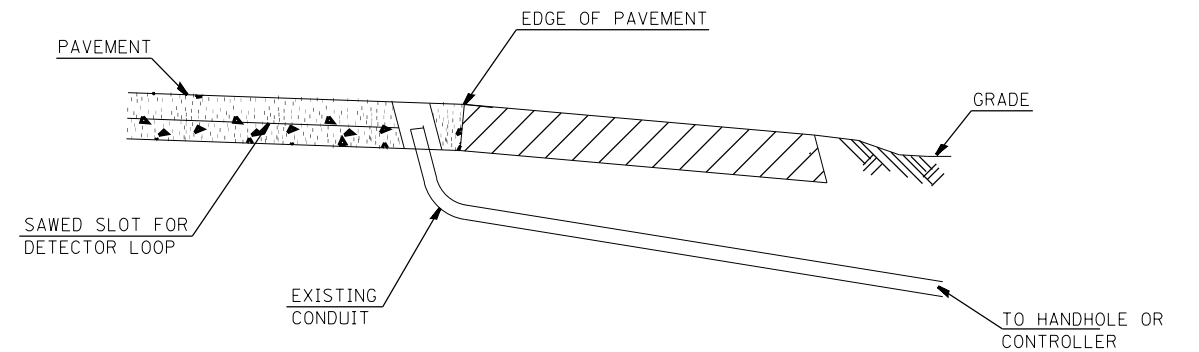
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND
 SIGNING SHEET**

SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 41
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES					
CODE NO.	ITEM	UNIT	QTY.	MONUMENT AVE.	WASHINGTON AVE.
72300100	INSTALL EXISTING SIGN PANEL	SQ FT	43.5	12	31.5
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	99		99
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	27		27
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	7		7
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	5	5	
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1		1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2	1	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	261		261
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	281		281
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1077	222	855
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	386	185	201
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	285		285
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1		1
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1		1
87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1	1	
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10		10
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26	15	11
87900200	DRILL EXISTING HANDHOLE	EACH	2		2
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6	2	4
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4	2	2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3	2	1
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1	1	
88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1	1	
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2		2
88200100	TS BACKPLATE	EACH	9	3	6
88500100	INDUCTIVE LOOP DETECTOR	EACH	6		6
88600600	DETECTOR LOOP REPLACEMENT	FOOT	1,096		1,096
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1285	136	1149
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	833	560	273
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	19	7	12
89502380	REMOVE EXISTING HANDHOLE	EACH	1		1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3	1	2
X1400399	VIDEO SYSTEM DETECTION SYSTEM COMPLETE	EACH	1		1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2		2
X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	2		2



DETAIL A
(NO SCALE)

RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

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

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT". THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING THE EXISTING CONDUIT DURING CONSTRUCTION. SHOULD ANY DAMAGE TO THE CONDUIT OCCUR DUE TO THE OPERATIONS, REPAIR SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND WILL BE DONE AT THE CONTRACTOR'S EXPENSE.

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP
SCHEDULE OF QUANTITIES AND DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	42
CONTRACT NO. 76N83			ILLINOIS FED. AID PROJECT	

FULL-ACTUATED CONTROLLER AND TYPE IV CABINET

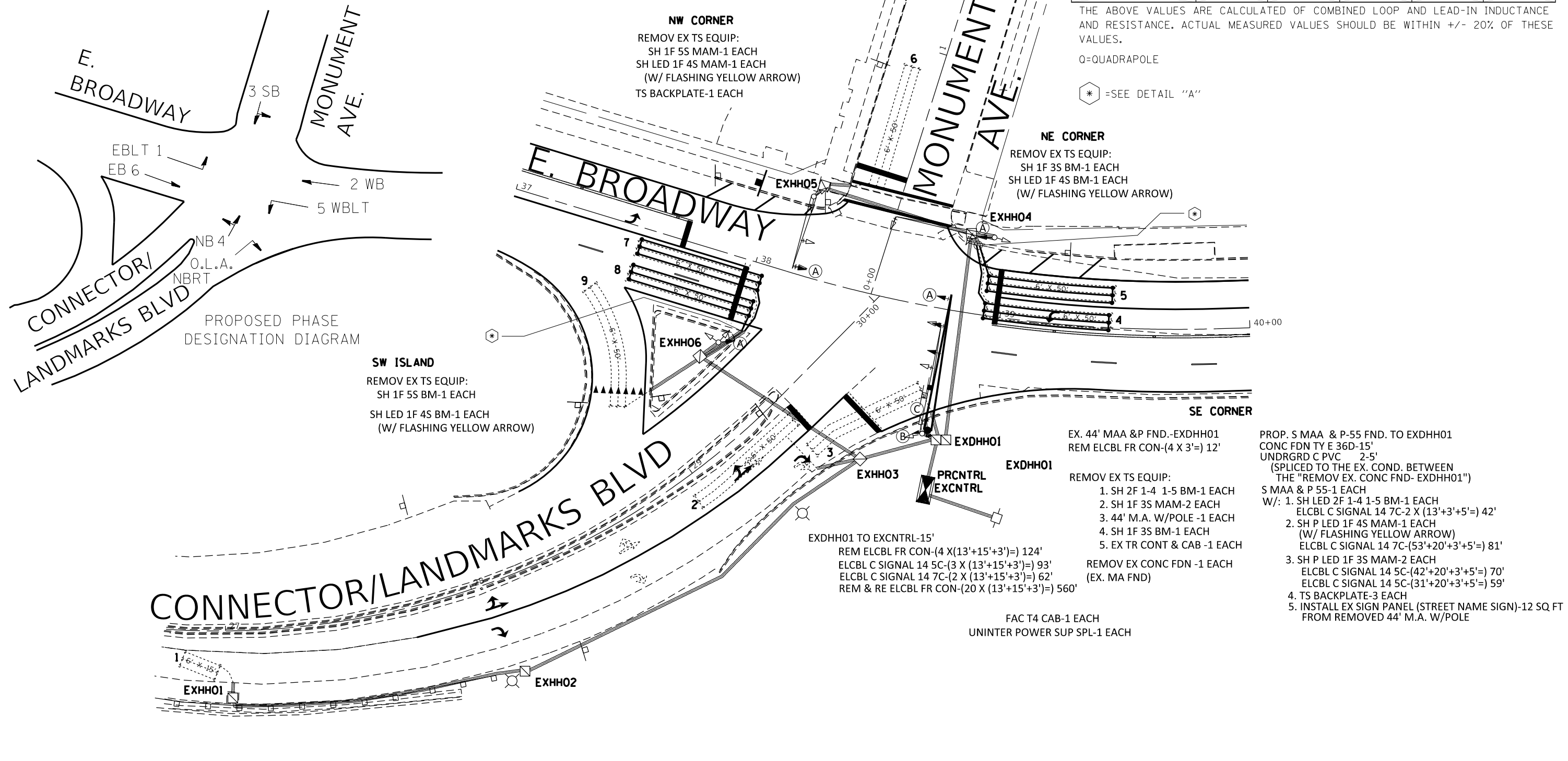
PROPOSED SEQUENCE OF OPERATION									
PHASE	1	2	3	4	5	6	7	8	O.L.A.
MOVEMENT	EBLT	WB	SB	NB	WBLT	EB	N/A	N/A	NBRT
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	O.L.A.	1 OR 2 O.L.A.	1 OR 2	N/A	N/A	4 + 5

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 140 & MONUMENT AVE.					
LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. NB COO	4	6' x 15'(Q)	3-6-3	340.86	2.36
2. NB LT CD	4	6' x 50'(Q)	3-6-3	807.34	2.08
3. NB THRU-RT CD	4 + O.L.A.	6' x 50'(Q)	3-6-3	796.34	1.83
4. WBLT CD	6	6' x 50'(Q)	3-6-3	816.14	2.28
5. WB THRU CD	6	6' x 50'(Q)	3-6-3	813.72	2.22
6. SB THRU-LT CD	3	6' x 50'(Q)	3-6-3	809.76	2.13
7. EB LT CD	6	6' x 50'(Q)	3-6-3	825.38	2.49
8. EB THRU CD	6	6' x 50'(Q)	3-6-3	822.74	2.43
9. EB RT CD	6	6' x 50'(Q)	3-6-3	824.94	2.48

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

Q=QUADRAPOLE

* =SEE DETAIL "A"



MODEL: Default
 FILE: \\paw-bechtel.com\paw\dot\Documents\DOT_Offices\Dr\dr_8\Project\0876483\CADD\13\CAD\bechtel\0876483-rtr-4.dgn

USER NAME = Michael.Preston	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISOR -
PLOT DATE = 7/27/2022	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

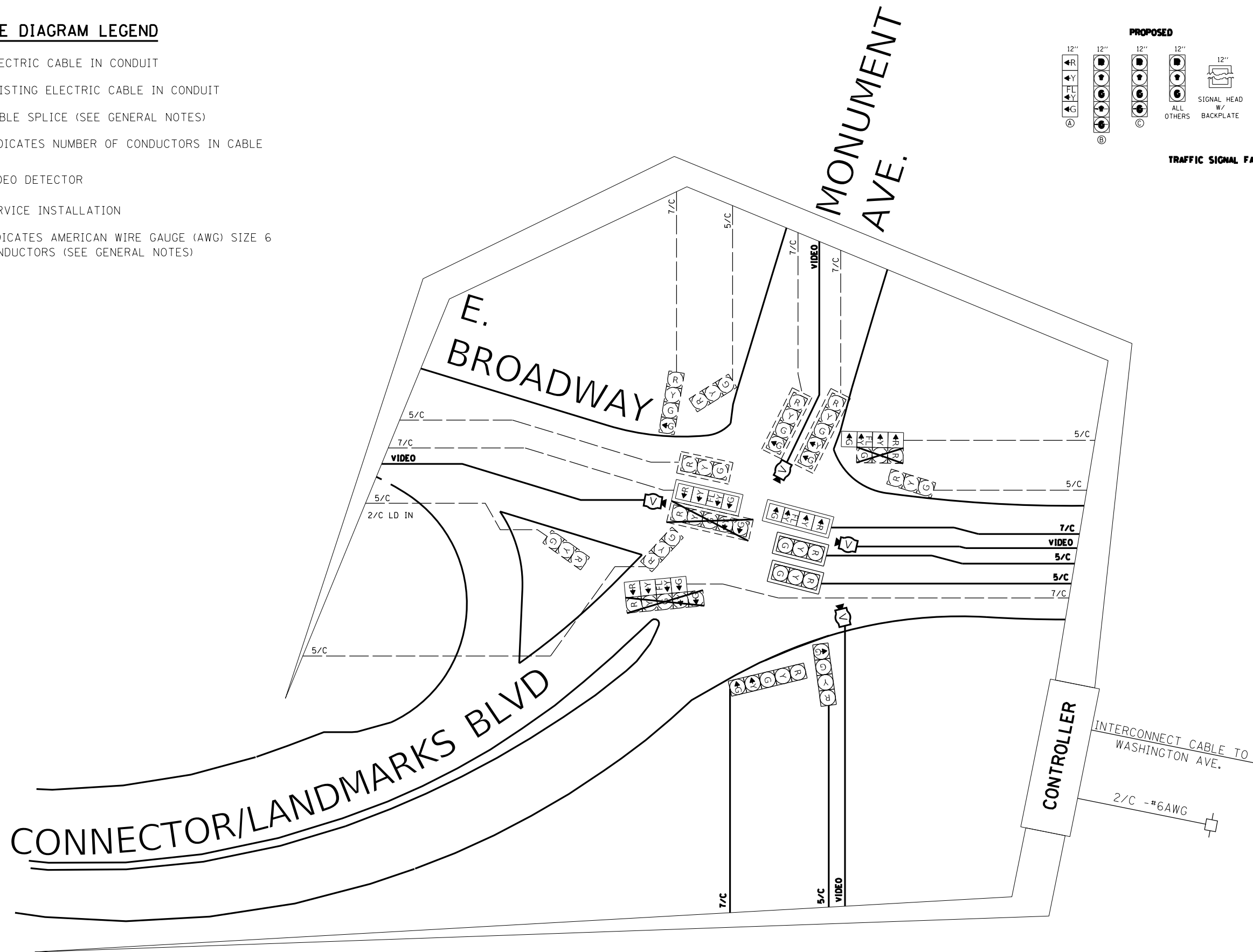
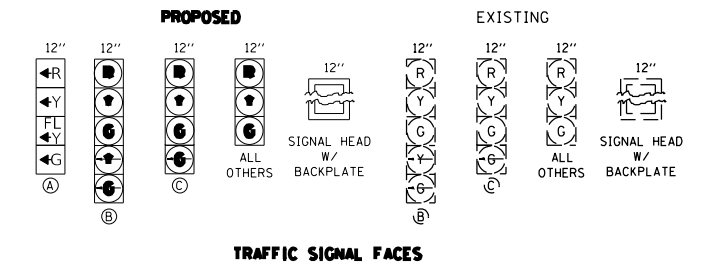
IL 140(E. BROADWAY) & MONUMENT AVE.
TRAFFIC SIGNAL PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	43
CONTRACT NO. 76N83				
ILLINOIS FED. AID PROJECT				

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- ⓧ VIDEO DETECTOR
- SERVICE INSTALLATION
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)



MODEL: Default
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USER NAME = dintelmanjn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/30/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 140(E. BROADWAY) & MONUMENT AVE.
CABLE DIAGRAM**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 44
CONTRACT NO. 76N83			ILLINOIS FED. AID PROJECT	

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS					
FOR IL 140 & WASHINGTON AVE					
LOOP#	PHASE#	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB LT CD	1	6' x 50'(Q)	3-6-3	824.28	2.46
2. EB THRU CD	6	6' x 50'(Q)	3-6-3	822.74	2.43
3. WB LT CD	2	6' x 50'(Q)	3-6-3	821.42	2.40
4. WB THRU CD	2	6' x 50'(Q)	3-6-3	793.48	1.76
5. SB LT CD	4	6' x 50'(Q)	3-6-3	826.04	2.50
6. SB RT CD	4	6' x 50'(Q)	3-6-3	823.18	2.44

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

Q=QUADRAPOLE

⬠ =SEE DETAIL "A"

FULL-ACTUATED CONTROLLER AND TYPE IV CABINET

PROPOSED SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	EBLT	WB	N/A	SB	N/A	EB	N/A	N/A
CONCURRENT MOVEMENT PERMITTED	6	6	N/A	N/A	N/A	1 OR 2	N/A	N/A

NW CORNER

REMOV EX TS EQUIP:

1. SH 1F 3S BM-1 EACH
2. PED SH-1 EACH
3. PED PUSH-BUTTON W/ASSO. SIGN
4. SH 1F 3S MAM-2 EACH
5. 44' M.A. W/POLE -1 EACH

REMOV EX CONC FDN (TY E)-1 EACH
REMOV EX HANDHOLE-1 EACH

S MAA & P 28 CONC FND-PRHH01
CONC FDN TY E 30D-10 FOOT
UNDRGRD C PVC 2-5'

- S MAA & P 28-1 EACH
W/: 1. SH P LED 1F 3S MAM-2 EACH
ELCBL C SIGNAL 14 5C-(40'+20'+3'+10')= 73'
ELCBL C SIGNAL 14 5C-(32'+20'+3'+10')= 65'
2. SH P LED 1F 3S BM-3 EACH
ELCBL C SIGNAL 14 5C-(13'+3'+10')= 26'
 3. PED SH LED 1F BM CDT-1 EACH
ELCBL C SIGNAL 14 3C-(13'+3'+10')= 26'
 4. TS BACKPLATE-3 EACH
 5. INSTALL EX SIGN PANEL (STREET NAME SIGN)-12 SQ FT FROM REMOVED 44' M.A. W/POLE

PED PUSH-BUTTON POST-PRHH01

1. PED PUSH-BUTTON POST-1 EACH
2. ACCESSIBLE PED SIGNAL-1 EACH
3. UNDRGRD C PVC 1 1/2-17'
4. ELCBL C SIGNAL 14 2C-(6'+17')= 23'

PRHH01 TO EXHH02-(21'+68')= 89'
ELCBL C SIGNAL 14 2C-(1 X (6.5' + 89'))= 96'
ELCBL C SIGNAL 14 3C-(1 X (6.5' + 89'))= 96'
3-ELCBL C SIGNAL 14 5C-(3 X (6.5' + 89'))= 288'
2-ELCBL C LEAD 14 1PR-(2 X (6.5' + 89'))= 192'

EXHH03 TO EXHH02-68'
REM ELCBL FR CON-(7 X (6.5'+68'))= 522'

NE ISLAND

REMOV EX TS EQUIP:

1. PED PUSH-BUTTON W/ASSO. SIGN-1 EACH
2. PED SIG HEAD-1 EACH
3. EX TR CONT & CAB -1 EACH

EX. TS POST FND TO EXHH02

- DRILL EX HANDHOLE-1 EACH**
UNDRGRD C PVC 1 1/2-10'**
PED PUSH-BUTTON POST-1 EACH**
(**AFTER MEDIAN SURFACE REMOVAL AND BEFORE ADA RAMP CONSTRUCTION)

- PED SH LED 1F BM CDT-1 EACH
ELCBL C SIGNAL 14 3C-(13'+3'+10')= 26'
ACCESSIBLE PED SIGNAL-1 EACH
ELCBL C SIGNAL 14 2C-(6'+10')= 16'

EXHH02 TO EXCNTRL-19'

- REM ELCBL FR CON-(11 X (6.5'+19'+3'))= 319'
ELCBL C SIGNAL 14 2C-(4 X (6.5'+19'+3'))= 116'
ELCBL C SIGNAL 14 3C-(4 X (6.5'+19'+3'))= 116'
ELCBL C SIGNAL 14 5C-(4 X (6.5'+19'+3'))= 116'
ELCBL C SIGNAL 14 7C-(4 X (6.5'+19'+3'))= 116'
ELCBL C LEAD 14 1PR-(1 X (6.5'+19'+3'))= 29'
REM & RE ELCBL FR CON-(5 X (6.5'+19'+3'))= 145'

EXHH01 TO EXHH02-57'

- REM ELCBL FR CON-(3 X (6.5'+57'))= 192'
ELCBL C SIGNAL 14 5C-(3 X (6.5'+57'))= 192'
ELCBL C LEAD 14 1PR-(1 X (6.5'+57'))= 64'
REM & RE ELCBL FR CON-(2 X (6.5'+57'))= 128'

PROP. S MAA & P-38 FND. TO EXDHH01

- CONC FDN TY E 36D-11'
UNDRGRD C PVC 2-5'
(SPLICED TO THE EX. COND. BETWEEN THE "REMOV EX. CONC FND- EXDHH01")

S MAA & P 38-1 EACH

- W/: 1. SH P LED 1F 4S MAM-1 EACH
ELCBL C SIGNAL 14 7C-(36'+20'+3'+5')= 64'
2. SH P LED 1F 3S MAM-2 EACH
ELCBL C SIGNAL 14 5C-(25'+20'+3'+5')= 53'
ELCBL C SIGNAL 14 5C-(14'+20'+3'+5')= 42'
 3. SH P LED 1F 4S BM-1 EACH
ELCBL C SIGNAL 14 7C-(13'+3'+5')= 21'
 4. TS BACKPLATE-3 EACH
 5. INSTALL EX SIGN PANEL (1. STREET NAME SIGN & 1. "LTG" SIGN)-19.5 SQ FT FROM REMOVED 24' M.A. W/POLE

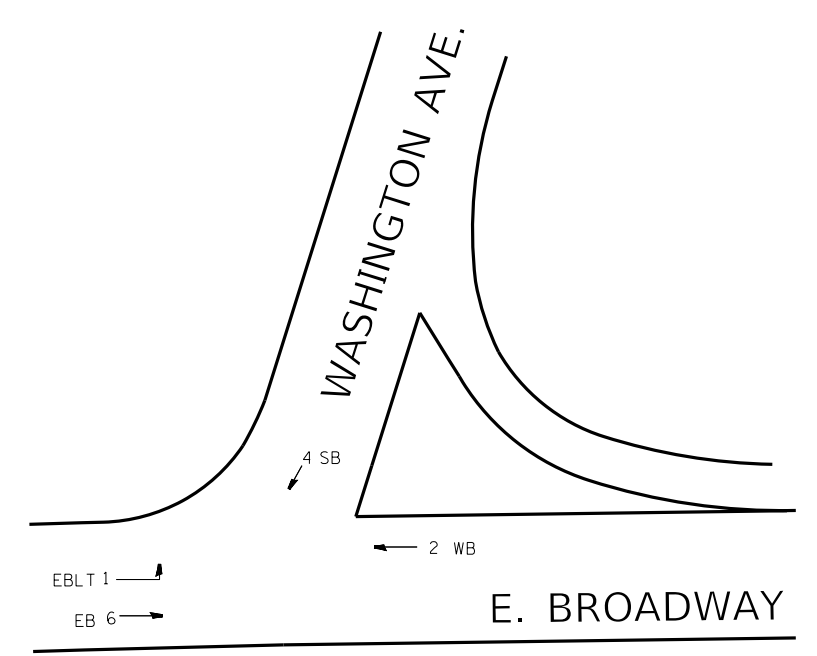
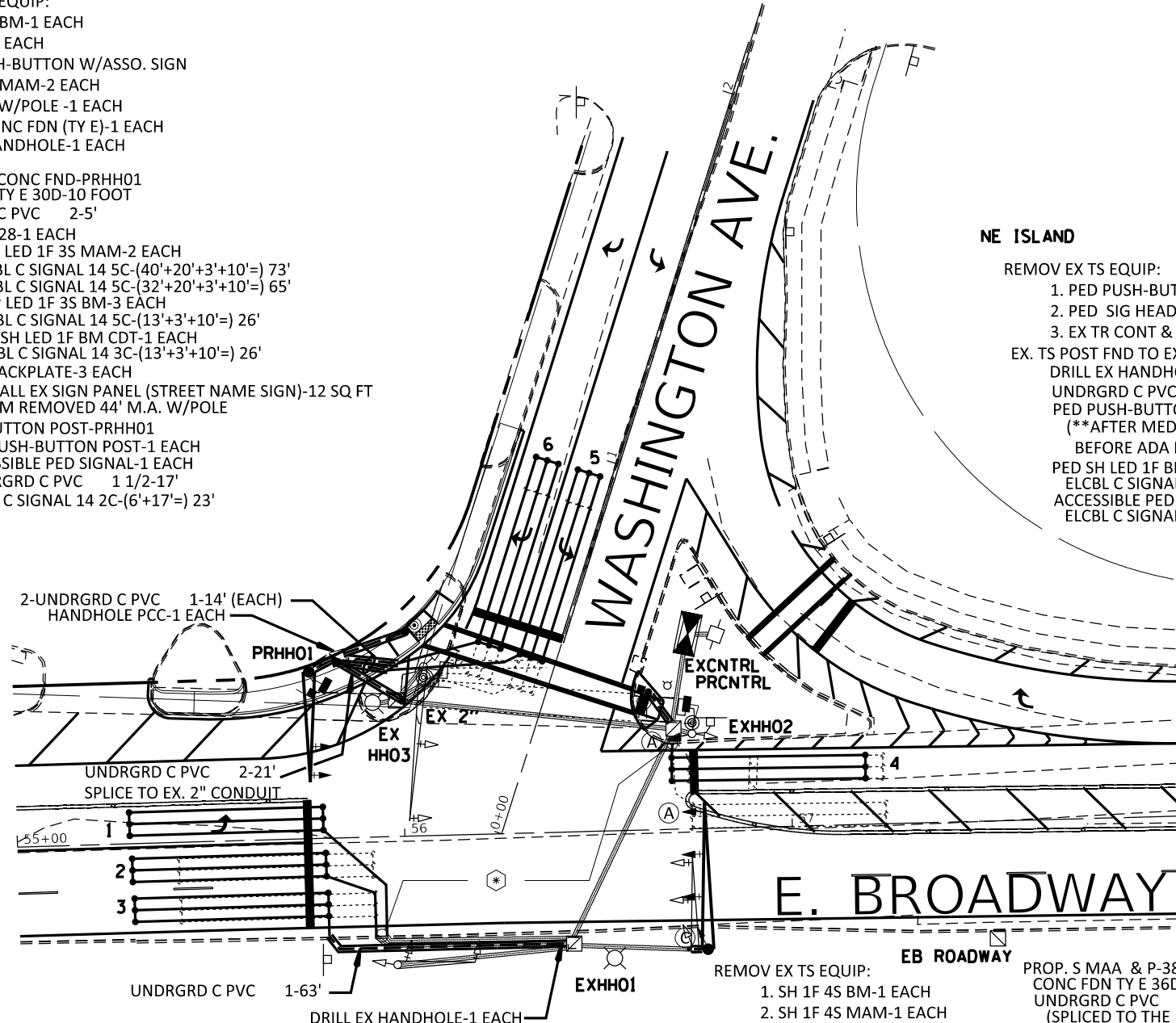
REMOV EX TS EQUIP:

1. SH 1F 4S BM-1 EACH
2. SH 1F 4S MAM-1 EACH
3. SH 1F 3S MAM-1 EACH
3. 24' M.A. W/POLE -1 EACH

REMOV EX CONC FDN-1 EACH

EX. MAA & P-24 FND TO EXHH01
REM ELCBL FR CON-(4 X 29')= 116'

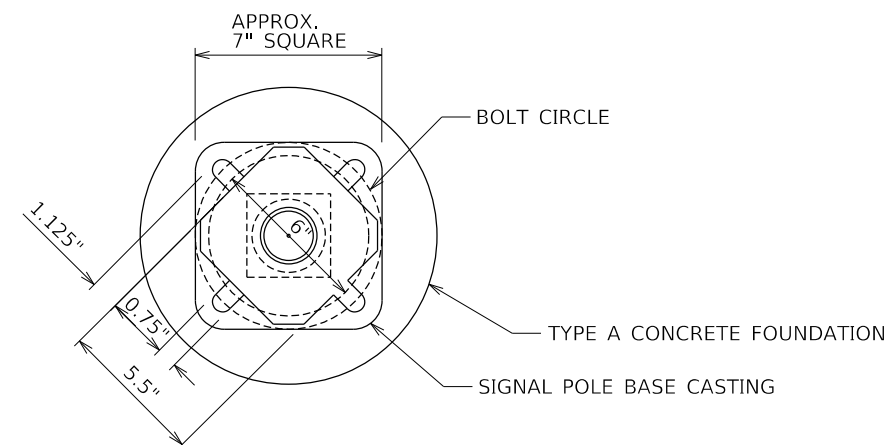
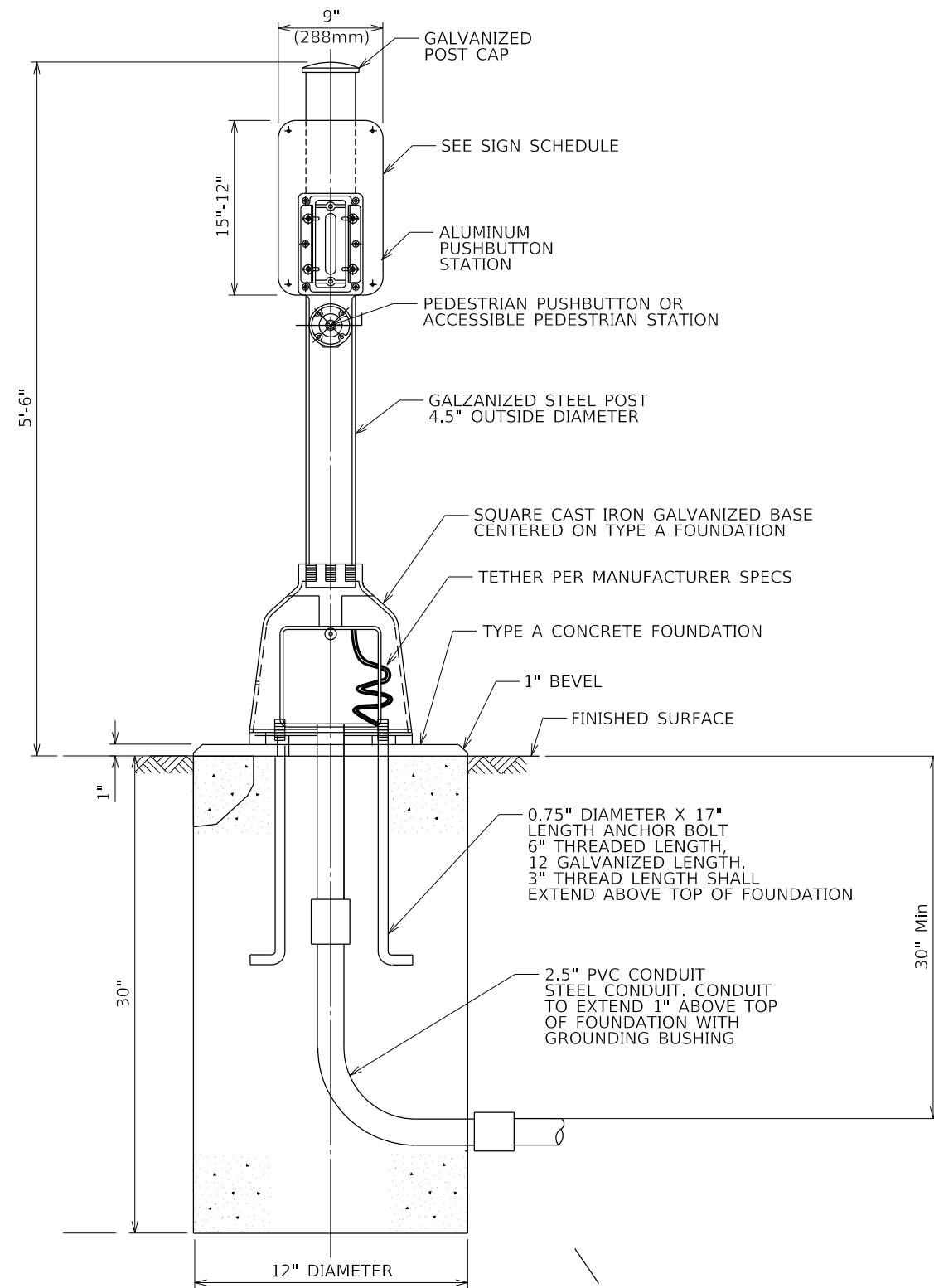
FAC T4 CAB-1 EACH
INDUCTIVE LOOP DETECT-6 EACH



PROPOSED PHASE DESIGNATION DIAGRAM

MODEL: Default
FILE: \\p11sec-cw-bechtel.com\p11\DOT\Documents\DOT_Offices\Dr\dr... 8/Project\0876483\CADD\3131\CADD\3131\CD\bechtel\0876483-phs-tdm

USER NAME = Michael.Preston	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 140(E. BROADWAY) & WASHINGTON AVE. TRAFFIC SIGNAL PLANS		F.A.P. RTE. 785	SECTION 101RS-5	COUNTY MADISON	TOTAL SHEETS 50	SHEET NO. 45
PLOT SCALE = 40,0000 "/>										



BOLT PATTERN

PEDESTRIAN PUSH-BUTTON POST

MODEL: Default
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USER NAME = dintelmanjn	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/30/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS
CONCRETE FOUNDTION, TYPE A
PEDESTRIAN PUSH-BUTTON POST

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	47
			CONTRACT NO. 76N83	
		ILLINOIS	FED. AID PROJECT	

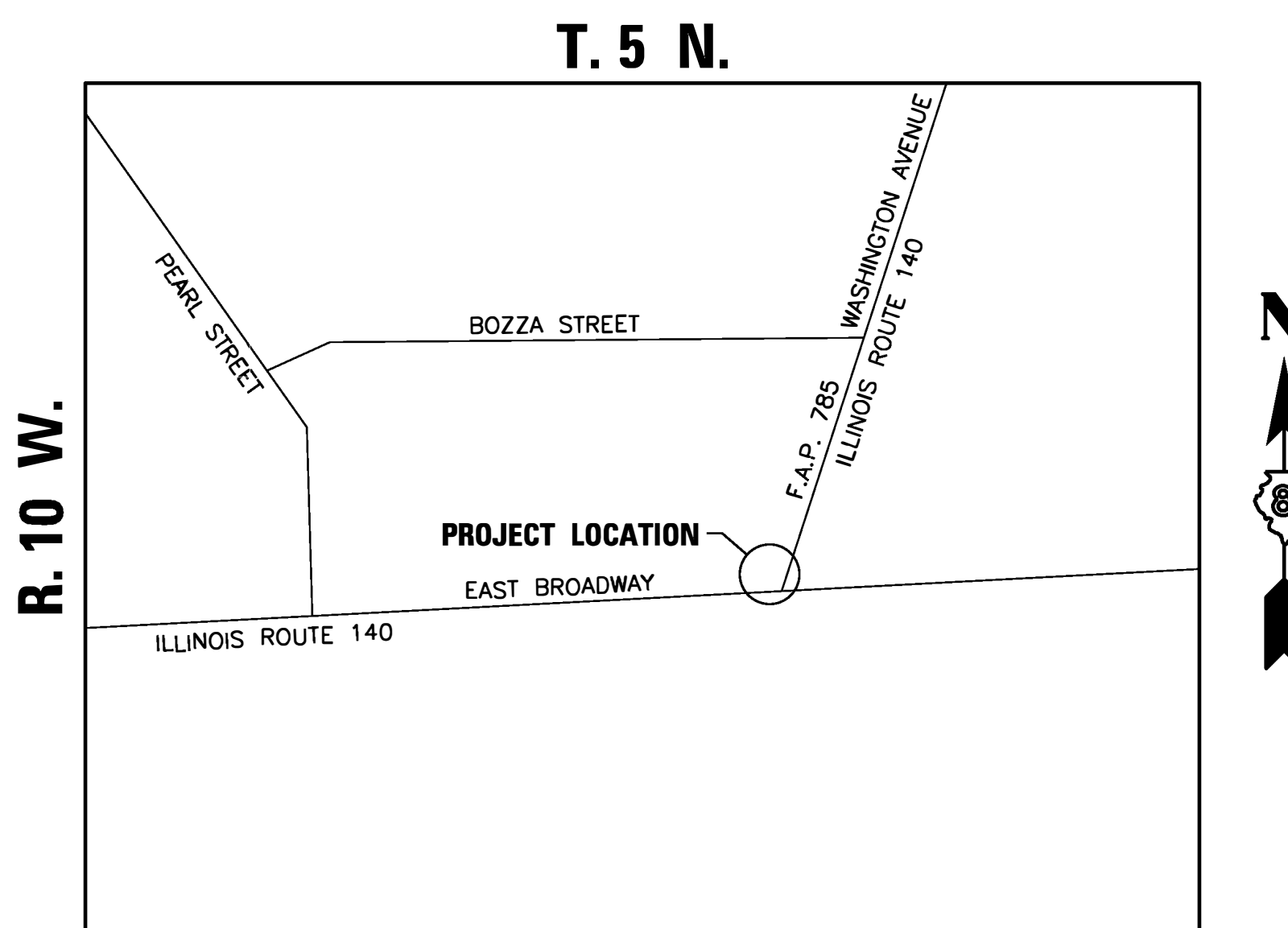
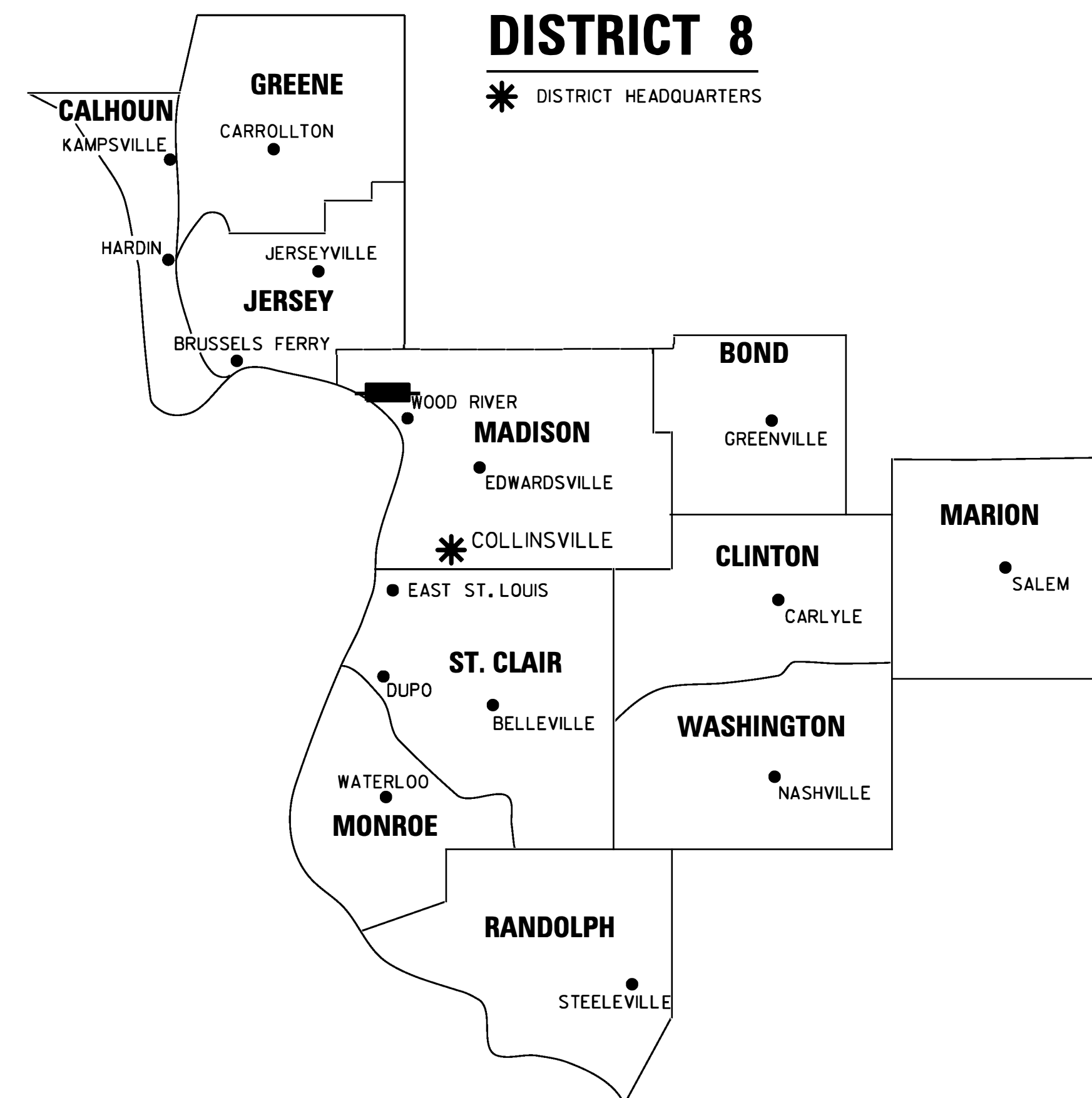
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION**

SPACE RESERVED FOR RECORDING OFFICER

SHEET INDEX		
SHEET NO.	STATION TO STATION	DESCRIPTION
1		COVER
2		LEGEND & NOTES
3	0+00.00 to 3+00 54+00 to 56+55.93 56+25.00 to 58+63.97	PARCEL 8810071, 8810071PE & 8810071TE

PLAT OF HIGHWAYS

**FAP ROUTE 785 (ILLINOIS ROUTE 140)
SECTION 101RS-5
MADISON COUNTY
JOB NO. R-98-010-18**



LOCATION OF SECTION INDICATED THUS:

PREPARED BY:

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-2771
LICENSE EXPIRATION DATE: APRIL 30, 2023

CHRISTIAN H. JORGENSEN, PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

SHEET 1 OF 3

ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	48
			CONTRACT NO. 76N83	
FED. ROAD DIST. NO. [] ILLINOIS FED. AID PROJECT				

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL GULFBOX	○	DRAINAGE FLOW LINE	
TRAFFIC SIGNAL HANDHOLE	□	RIP RAP	
TRAFFIC SIGNAL SIGNAL POST	○	HEADWALL	
TRAFFIC SIGNAL STEEL MAST ARM		CULVERT END SECTION	
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	●	DRAINAGE MANHOLE	○
TRAFFIC SIGNAL WOODEN POLE	○	INLET	○
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	▽	ROADWAY DITCH FLOW	
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	□	VEGETATION LINE	
TRAFFIC SIGNAL JUNCTION BOX	⊠	STUMP	■
TRAFFIC SIGNAL CONTROLLER	⊠	SHRUB	○
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	⊠	EVERGREEN TREE	
RAILROAD CANTILEVER MAST ARM		DECIDUOUS TREE	
RAILROAD CROSSBUCK		WOODS/BUSH LINE	
RAILROAD TRACK		TRAFFIC SIGN	
RAILROAD TRACK (ABANDONED)		GUARDRAIL POST	○
RAILROAD CROSSGATE		GUARDRAIL	
RAILROAD CONTROL BOX	⊠	FIELD LINE	
RAILROAD FLASHING SIGNAL		LEVEE/NOISE BARRIER	
UTILITY TELEPHONE SPLICE BOX	⊠	FENCE	
UTILITY POWER POLE	⊠	MAIL BOX	⊠
UTILITY TRAFFIC SIGNAL	⊠	ADVERTISING SIGN	⊠
UTILITY LIGHT POLE	⊠	MARSH	
UTILITY FIRE HYDRANT	○	LIGHTING HANDHOLE	○
UTILITY MANHOLE	○	LIGHTING POWER POLE	⊠
UTILITY TELEPHONE POLE	⊠	LIGHTING JUNCTION BOX	⊠
UTILITY GUY ANCHOR	⊠	LIGHTING HEAVYDUTY HANDHOLE	○
UTILITY PIPELINE WARNING SIGN	⊠	LIGHTING CONTROLLER	⊠
UTILITY HANDHOLE	⊠	LIGHTING PULL POINT	⊠
UTILITY SPLICE BOX	⊠	HIGHWAY LIGHTING ELECTRICAL GROUND	⊠
UTILITY JUNCTION BOX	⊠	HIGHWAY LIGHTING SINGLE UNIT	⊠
UTILITY HEAVY DUTY HANDHOLE	⊠	HIGHWAY LIGHTING DOUBLE UNIT	⊠
UTILITY DOUBLE HANDHOLE	⊠	EXISTING CONCRETE BARRIER	
UTILITY CONTROLLER	⊠	EXISTING CREEK OR DITCH	
UTILITY WATER METER	○	EXISTING EDGE OF PAVEMENT	

I.D.O.T. PROVIDED ALIGNMENT FAP 785 (IL 140) (WASHINGTON AVENUE)			
DESCRIPTION	STATION	NORTH (FEET)	EAST (FEET)
STATION EQUATION	0+00.00	99,974.1766	38,322.9364

I.D.O.T. PROVIDED ALIGNMENT FAP 785 (IL 140) (EAST BROADWAY)			
DESCRIPTION	STATION	NORTH (FEET)	EAST (FEET)
EXISTING P.I.	55+56.43	98,942.8836	38,245.1232
EXISTING P.I.	56+25.00	98,944.6693	38,313.6733
STATION EQUATION	56+55.93	98,974.1766	38,322.9364

I.D.O.T. PROVIDED ALIGNMENT EAST BROADWAY			
DESCRIPTION	STATION	NORTH (FEET)	EAST (FEET)
EXISTING P.O.T.	56+25.00	98,944.6693	38,313.6733
EXISTING P.C. #23	58+63.97	98,950.8922	38,552.5592

**PROJECT SURVEY CONTROL DATA
GROUND SURFACE COORDINATE SYSTEM**

COORDINATES PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION

COORDINATE TABLE				
DESCRIPTION	STATION	OFFSET	NORTH (FEET)	EAST (FEET)
CPI "ILLINOIS DOT" MONUMENT	2+58.37	35.02' Rt.	99,210.1957	38,433.7331
CP21 CROSS CUT	56+92.82	36.10' Lt.	98,982.5243	38,380.5302

PREPARED BY:

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371
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LICENSE EXPIRATION DATE: APRIL 30, 2023

CHRISTIAN H. JORGENSEN, PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

RIGHT-OF-WAY LEGEND

	QUARTER SECTION CORNERS
	SECTION CORNERS
	QUARTER SECTION CORNERS
	EXISTING CENTERLINE
	EXISTING RIGHT-OF-WAY LINE
	FORMER RIGHT-OF-WAY LINE
	EXISTING IDOT EASEMENT LINE
	EXISTING EASEMENT LINE
	BUILDING SETBACK LINE
	EXISTING ACCESS CONTROL LINE
	EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
	PROPOSED ACCESS CONTROL LINE
	PROPOSED CENTERLINE
	PROPOSED RIGHT-OF-WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE
	PROPOSED PERMANENT EASEMENT LINE
	SECTION LINE
	QUARTER SECTION LINE
	QUARTER QUARTER SECTION LINE
	PROPERTY LINE (TITLE)
	RECORDED PLAT/DEED LINE
	APPARENT PROPERTY LINE
	SAME OWNERSHIP
	MEASURED DIMENSION
	RECORDED DIMENSION
	FOUND STONE
	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
	SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
	SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
	FOUND CUT CROSS
	SET CUT CROSS

■ STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.

■^B STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS IN CULTIVATED AREA, A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.

BASIS OF COORDINATE & BEARING STATEMENT

COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

BASIS OF BEARINGS AND COORDINATES: ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GRID VALUES BASED ON THE FOLLOWING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT GRID DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES.

LINEAR UNIT: US SURVEY FEET
GEODETIC DATUM: NAD 1983 (2011)- EPOCH: 2010
VERTICAL DATUM: NAVD 1988
PROJECTION: LAMBERT CONFORMAL CONIC (SINGLE PARALLEL)
LATITUDE OF ORIGIN: 38°50'00"N
CENTRAL MERIDIAN: 89°56'00"W
FALSE NORTHING: 79,000 SFT
FALSE EASTING: 103,000 SFT
CM SCALE FACTOR: 1.000019129

THE SURVEY WAS REFERENCED TO THE NATIONAL SPATIAL REFERENCE SYSTEM BY DIRECT CONNECTION TO THE FOLLOWING NGS MONUMENTS.

PID #: JC1221/B282
LATITUDE: N38°53'07.26840" NORTHING: 98035.9218 SFT
LONGITUDE: W90°10'22.82939" EASTING: 34771.7400 SFT
ELLIPSOIDAL HEIGHT: 324.8780 SFT ELEV.: 428.1678 SFT (GEOID 12B)

PID #: JC1220/C282
LATITUDE: N38°52'37.39274" NORTHING: 95002.8309 SFT
LONGITUDE: N90°09'30.68620" EASTING: 38887.5064 SFT
ELLIPSOIDAL HEIGHT: 340.8556 SFT ELEV.: 444.1008 SFT (GEOID 12B)

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
CL	CENTERLINE
CAB	CABINET
CH	COUNTY HIGHWAY
Ch	CHAIN
CP	CONTROL POINT
CPS	COTTON PICKER SPINDLE
DB	DEED BOOK
E	EAST
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAU	FEDERAL AID URBAN
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m	METER
m²	SQUARE METERS
N	NORTH
N/F	NOW OR FORMERLY
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT ON TANGENT
PL	PROPERTY LINE
PR	PROPOSED
R	RANGE
RD	ROAD
REC	RECORD
ROW	RIGHT-OF-WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SEC	SECTION
SO FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
T	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

SPACE RESERVED FOR RECORDING OFFICER

PROPOSED PARCEL NUMBER LEGEND

8001001	PROPOSED FEE SIMPLE ACQUISITION
8001001PE	PROPOSED PERMANENT EASEMENT
8001001TE	PROPOSED TEMPORARY EASEMENT
8001001DED	PROPOSED DEDICATION
8001001AC	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
CB	CHORD BEARING
R	RADIUS OF CURVE
L	LENGTH OF CURVE
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
E	EXTERNAL ORDINATE
Δ	CENTRAL ANGLE

TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. IN ADDITION THE SURVEYOR PHYSICALLY LOCATED IN THE FIELD THE FOLLOWING ITEMS ON 2/22/19:

- BUILDING
- FUEL PUMPS
- CANOPY

TOTAL HOLDING AREA SOURCE TABLE

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 785 (IL 140)
SECTION 101RS-5
MADISON COUNTY
JOB NO. R-98-010-18

SHEET 2 OF 3

ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

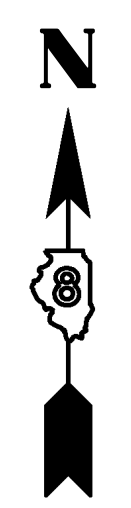
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	49
				CONTRACT NO. 76N83

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

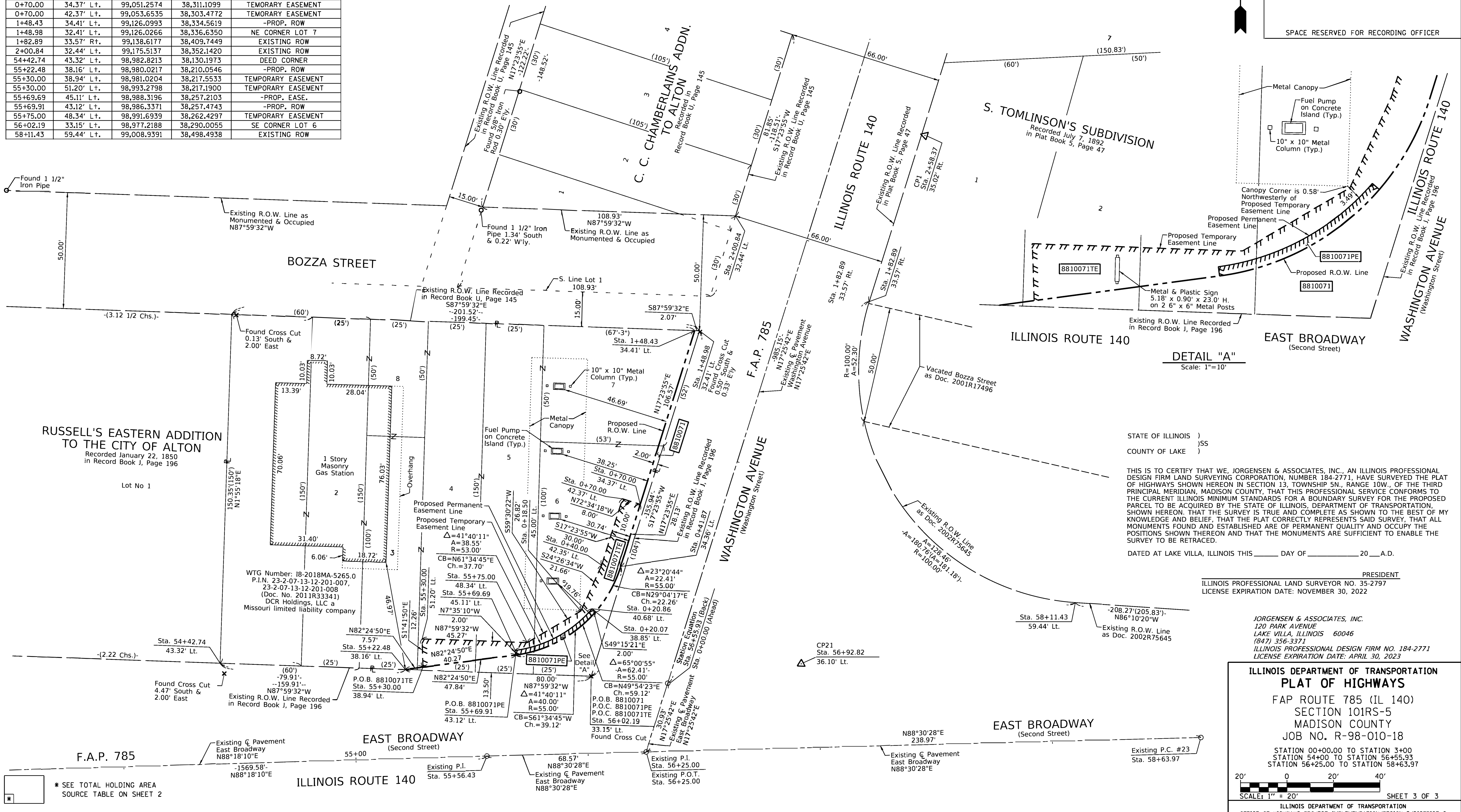
PART OF THE NE 14 OF SECTION 13, T. 5 N., R. 10 W., OF THE 3RD P.M., MADISON COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	DESCRIPTION
0+18.50	45.00' Lt.	99,005.3054	38,285.5432	TEMPORARY EASEMENT
0+20.07	38.85' Lt.	99,004.9581	38,291.8831	-PROP. EASE.
0+20.86	40.68' Lt.	99,006.2634	38,290.3679	-PROP. EASE.
0+40.00	42.35' Lt.	99,025.0260	38,294.5066	TEMPORARY EASEMENT
0+41.86	34.36' Lt.	99,024.4098	38,302.6971	-PROP. ROW
0+70.00	34.37' Lt.	99,051.2574	38,311.1099	TEMPORARY EASEMENT
0+70.00	42.37' Lt.	99,053.6535	38,303.4772	TEMPORARY EASEMENT
1+48.43	34.41' Lt.	99,126.0993	38,334.5619	-PROP. ROW
1+48.98	32.41' Lt.	99,126.0266	38,336.6350	NE CORNER LOT 7
1+82.89	33.57' Rt.	99,138.6177	38,409.7449	EXISTING ROW
2+00.84	32.44' Lt.	99,175.5137	38,352.1420	EXISTING ROW
54+42.74	43.32' Lt.	98,982.8213	38,130.1973	DEED CORNER
55+22.48	38.16' Lt.	98,980.0217	38,210.0546	-PROP. ROW
55+30.00	38.94' Lt.	98,981.0204	38,217.5533	TEMPORARY EASEMENT
55+30.00	51.20' Lt.	98,993.2798	38,217.1900	TEMPORARY EASEMENT
55+69.69	45.11' Lt.	98,988.3196	38,257.2103	-PROP. EASE.
55+69.91	43.12' Lt.	98,986.3371	38,257.4743	-PROP. ROW
55+75.00	48.34' Lt.	98,991.6939	38,262.4297	TEMPORARY EASEMENT
56+02.19	33.15' Lt.	98,977.2188	38,290.0055	SE CORNER LOT 6
58+11.43	59.44' Lt.	99,008.9391	38,498.4938	EXISTING ROW



SPACE RESERVED FOR RECORDING OFFICER



STATE OF ILLINOIS)
 COUNTY OF LAKE)

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 5N., RANGE 10W., OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

 PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-2771
 LICENSE EXPIRATION DATE: APRIL 30, 2023

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 785 (IL 140)
 SECTION 101RS-5
 MADISON COUNTY
 JOB NO. R-98-010-18

STATION 00+00.00 TO STATION 3+00
 STATION 54+00 TO STATION 56+55.93
 STATION 56+25.00 TO STATION 58+63.97

SCALE: 1" = 20'
 SHEET 3 OF 3

ILLINOIS DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101RS-5	MADISON	50	50

COMPLETION DATE OF FIELD WORK PERFORMED
 LAND SURVEY: 2/22/2019 ROW STAKING: _____
 CONTRACT NO. 76N83
 FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION ACRES	REMAINDER SO FT	ACRES	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
						PE = PERMANENT ACRES	TE = TEMPORARY SO FT		
8810071	DCR HOLDINGS, LLC, A MISSOURI LIMITED LIABILITY COMPANY MA-5265	0.6237	0.0244	1,062	0.5993	PE 0.0018 TE 0.0201	PE 78 TE 876	23-2-07-13-12-201-008	TRAFFIC SIGNALS CONSTRUCTION PURPOSES