

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	1
		ILLINOIS	CONTRACT NO. 76M80	

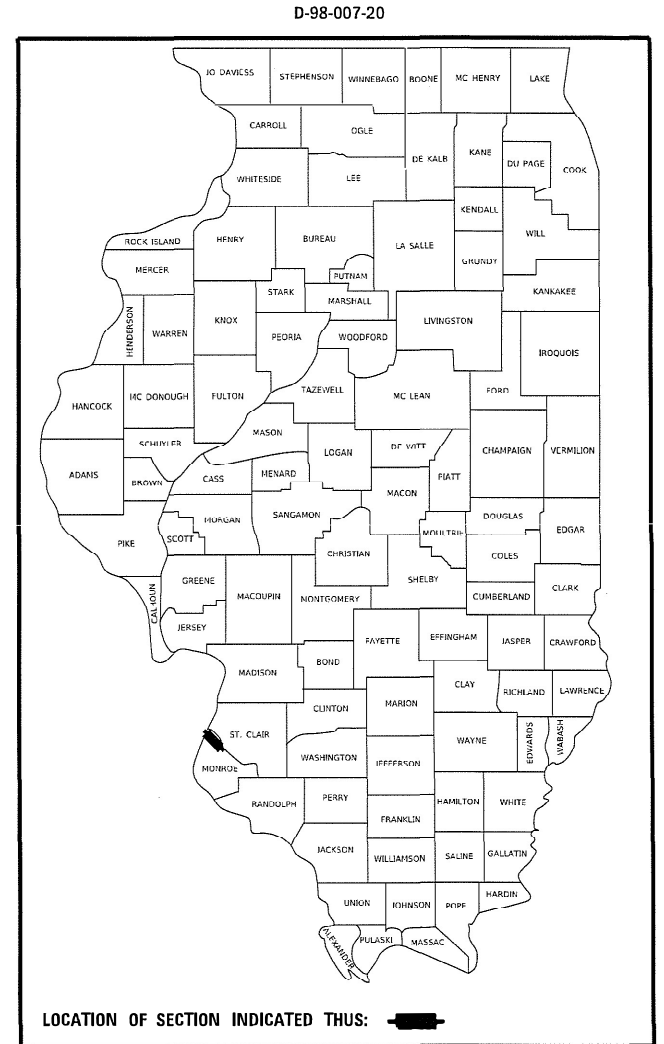
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**PROPOSED  
HIGHWAY PLANS**

**FAP ROUTE 312 (IL 003)  
SECTION (65-1,66-1,67-1)RS-1  
PROJECT NHPP-4XFM(998)  
RESURFACING - STANDARD OVERLAY  
& ADA IMPROVEMENTS  
MONROE COUNTY**

C-98-021-20



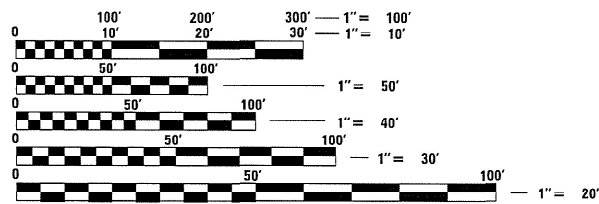
**TRAFFIC DATA**      **FUNCTIONAL CLASSIFICATION:**

**I-255 TO PALMER RD.:**      OTHER PRINCIPAL ARTERIAL

2021 ADT: 40,100  
PV=94.1%, SU=3.0%, MU=2.9%

**PALMER RD. TO IL 158:**      **IL 158 TO GILMORE LAKE RD.:**

2021 ADT: 30,200      2021 ADT: 25,000  
PV=94.7%, SU=2.5%, MU=2.8%      PV=94.5%, SU=2.6%, MU=2.9%

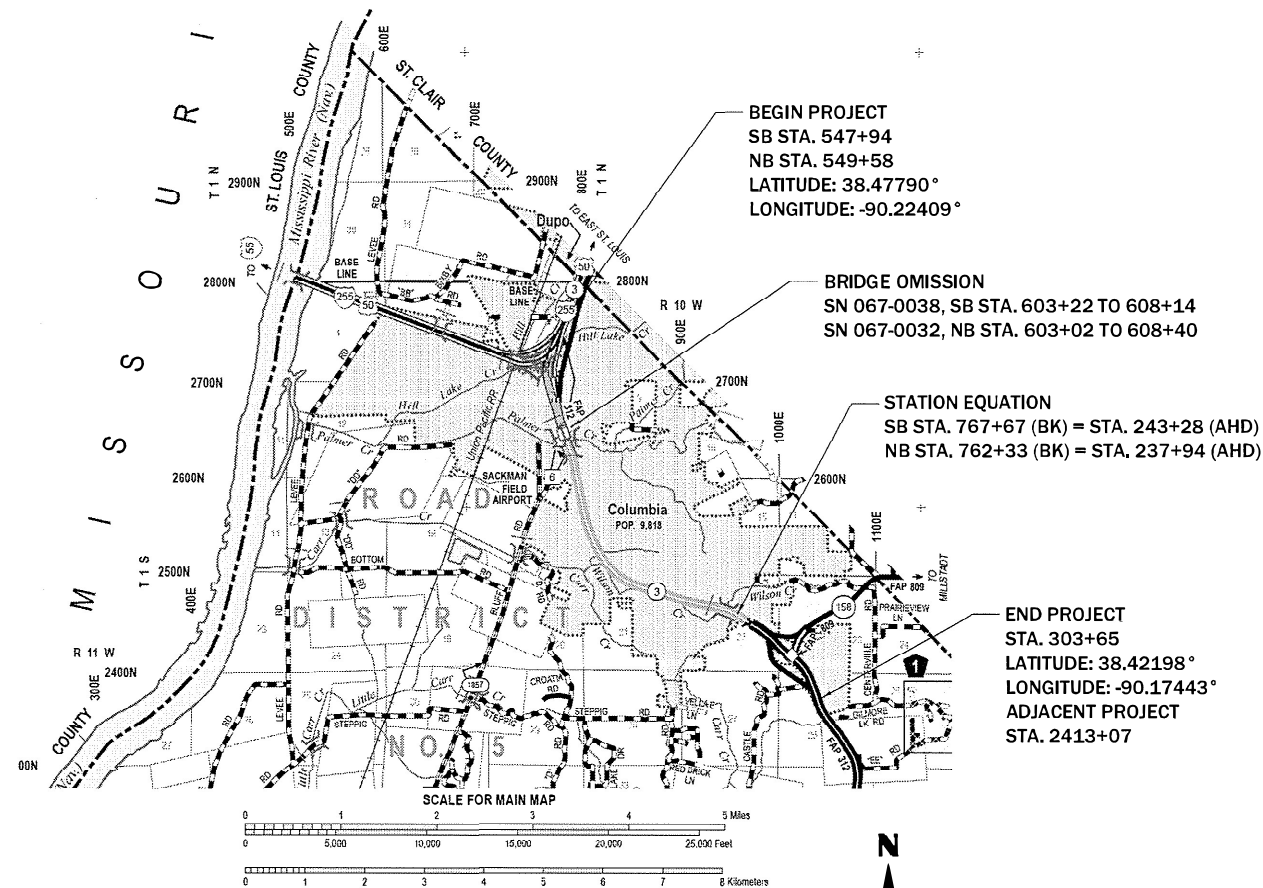


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: BILLIE OWEN

CONTRACT NO. 76M80



**LOCATION MAP**  
GROSS LENGTH = 28,010 FT. = 5.305 MILE  
NET LENGTH = 27,518 FT. = 5.212 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *March 23, 2022*

*Stephen Travis*  
REGIONAL ENGINEER

May 13, 2022 *Se A. Etk*

ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 *Stephen M. Smith*

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

**HIGHWAY STANDARDS**

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-10	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDERS STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY / EXPRESSWAY
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
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
814001-03	HANDHOLES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-11	CONCRETE FOUNDATION DETAILS

**MIXTURE REQUIREMENTS**

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAP 312 (IL 3)
SECTION	(65-1,66-1,67-1)RS-1
COUNTY	Monroe
CONTRACT	76M80

DESCRIPTION:	Standard Overlay - Resurfacing on IL 3 from I-255 to Gilmore Lake Rd
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ADT {Construction Yr):	40100
MU%:	2.9
SU%:	3
20 YR. ESAL'S:	8.76

MIXTURE USE	POLY SURFACE	BINDER	PATCHING
AC/PG	SBS PG 76-22	PG 64-22	PG 64-22
RAP% {MAX}	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION (Gradation)	IL 9.5	IL 9.5 FG	IL 19.0
FRICTION AGG	MIXTURE "E"	MIXTURE "C"	MIXTURE "B"
QUALITY MGMT PROGRAM	QCP	QCP	QC/QA
MATERIAL TRANSFER DEVICE	YES	YES	NO

	SHOULDERS < 8 FEET WIDE		SHOULDERS > 8 FEET WIDE	
MIXTURE USE	SHOULDERS (lower)	SHOULDERS (surface)	SHOULDERS (lower)	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=30
MIX COMPOSITION (Gradation)	IL 19.0L	IL 9.5L	IL 19.0L	IL 9.5L
FRICTION AGG				
QUALITY MGMT PROGRAM	QC/QA	QC/QA	QCP	QCP
MATERIAL TRANSFER DEVICE	NO	NO	NO	NO

**RATES OF APPLICATION**

RATES OF APPLICATION		
CRUSHED STONE (WITH FINES):	AGGREGATE SHOULDERS & BASES	2.05 TON/CU YD
BITUMINOUS CONCRETE:	SURFACE, BINDER, LEVEL BINDER	112 LB/SQ YD/IN OR 0.056 TONS/SQ YD
AGGREGATE (PRIME COAT):	AGGREGATE BASES	0.25 LB/SQ FT
BIT. MATERIALS (TACK COAT):	MILLED HMA, CONCRETE	0.05 LB/SQ FT
* BIT. MATERIALS (TACK COAT):	HMA LIFTS	0.025 LB/SQ FT
SEEDING AREAS:	NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
	PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
	POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
MULCH:	METHOD 1&2; STRAW MULCH	2 TONS/ACRE

\* TACK COAT IS REQUIRED BETWEEN ALL HMA LIFTS

**COMMITMENTS**

NONE

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DRAWN -	REVISED -	312			(65-1,66-1,67-1)RS-1	MONROE	64	2	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 76M80				
PLOT DATE = 3/23/2022	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET 1 OF 1 SHEETS		STA.	TO STA.	

**GENERAL NOTES:**

- ① UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

	AERIAL	BURIED
AMEREN ILLINOIS	X	X
CHARTER COMMUNICATIONS	X	X
CITY OF COLUMBIA		X
COLUMBIA COMMUNITY UNIT SCHOOL DISTRICT 4	X	X
ENABLE MIDSTREAM PARTNERS		X
HARRISONVILLE TELEPHONE COMPANY	X	X
ILLINOIS AMERICAN WATER COMPANY		X

THE FOLLOWING FACILITIES ARE NOT MEMBERS OF J.U.L.I.E.:  
\* IDOT

- ② CONTRACTOR RESPONSIBLE TO USE A PREQUALIFIED ELECTRICAL CONTRACTOR TO LOCATE ALL IDOT UNDERGROUND FACILITIES. COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING TO LOCATE HIGHWAY LIGHTING / INTELLIGENT TRANSPORTATION SYSTEM FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES. CONTACT TRAFFIC OPERATIONS, KEN DAVIS AT 618-346-3274.
- ③ NO SURVEY WAS PERFORMED FOR THIS PROJECT EXCEPT AT PORTIONS OF THE ADA RAMPS. THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- ④ ALL ELEVATIONS REFER TO THE NAVD 88 DATUM.
- ⑤ FOUR (4) CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT, PLACED TWO (2) WEEKS PRIOR TO ANY LANE CLOSURE AND SHALL REMAIN UP FOR THE DURATION OF THE PROJECT. THE CHANGEABLE MESSAGE SIGN SHALL BE PLACED 500 FEET MIN. IN ADVANCE OF THE PROJECT AT THE FOLLOWING LOCATIONS:  
1. TWO (2) APPROACHES ONTO IL-3 FROM I-255  
2. ONE (1) APPROACH ONTO IL-3 FROM IL-158  
3. ONE (1) APPROACH NEAR THE SOUTH END OF PROJECT AT THE NORTHBOUND LANE  
THESE LOCATIONS MAY BE ADJUSTED BY THE ENGINEER.
- ⑥ ALL SURPLUS EXCAVATION DUE TO "GRADING AND SHAPING DITCHES" LOCATED AT THE NORTHBOUND EMBANKMENT, STA. 670+60 TO 674+60, TO BE REMOVED AND HAULED OFF THE PROJECT, AND IS INCLUDED IN THE PAY ITEM COST. THE CONTRACTOR SHALL GRADE AND SHAPE THE DITCH AT 3% SLOPE TO MATCH PREVIOUS ORIGINAL DESIGN TO THE SATISFACTION OF THE ENGINEER.
- ⑦ ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM FINAL SURFACE SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL." ALL TEMPORARY PAVEMENT MARKINGS TO BE PLACED TO NOT INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. THE PROPOSED PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKINGS, UNLESS SHOWN OR NOTED OTHERWISE ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- ⑧ ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO BITUMINOUS SURFACE REMOVAL. PAVEMENT PATCHING, EXCAVATING AND GRADING EXISTING SHOULDER MAY OCCUR ABOVE EXISTING CULVERTS. THE DEPTH OF THE PAVEMENT PATCHING AND EXCAVATING AND GRADING EXISTING SHOULDER SHALL BE TO THE DEPTH SPECIFIED IN THE PLANS OR TO THE TOP OF THE EXISTING CULVERT, WHICHEVER IS LESS.
- ⑨ ALL SHOULDER IMPROVEMENTS ADJACENT TO THE EXISTING GUARDRAIL SHALL BE PERFORMED WITHOUT GUARDRAIL REMOVAL. MATERIAL REMOVED BEYOND THE FACE OF THE EXISTING GUARDRAIL SHALL BE REPLACED WITH AGGREGATE WEDGE SHOULDER, TYPE B MATERIAL.
- ⑩ MATERIAL TRANSFER DEVICE MTD SHALL BE UNLOADED WHEN CROSSING SN 067-0032, SN 067-0035, SN 067-0036, SN 067-0038, SN 067-2000, SN 067-2003, SN 067-2417, AND SN 067-2418. SEE THE LOCATION MAP FOR THE STRUCTURES LOCATION. MAXIMUM GROSS WEIGHT RESTRICTION IS 40 TONS.

- ⑪ THE USE OF VIBRATORY ROLLERS SHALL NOT BE PERMITTED WITHIN THE CITY LIMITS OF COLUMBIA FOR THIS PROJECT. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS.
- ⑫ THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.
- ⑬ THE TEMPORARY RAMPS USED ON ALL SIDE STREETS SHALL BE 2 FEET IN LENGTH SO AS NOT TO INTERFERE WITH THE THRU TRAFFIC LANES.
- ⑭ THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLE DRAINS LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
- ⑮ 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 COURSE WORK (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.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	3
			CONTRACT NO. 76M80	
		ILLINOIS FED. AID PROJECT		



80% FED  
20% STATE

CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 URBAN
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	108	108
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	26	26
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	251	251
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1075	1075
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	3	3
63200310	GUARDRAIL REMOVAL	FOOT	1320	1320
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	4001	4001
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	44037	44037
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	15
67100100	MOBILIZATION	L SUM	1	1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1
70100315	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1	1

\* SPECIALTY ITEM

80% FED  
20% STATE

CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 URBAN
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	8	8
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	7	7
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	976	976
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	22709	22709
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4351	4351
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1014	1014
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	129522	129522
70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	FOOT	8107	8107
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	1188	1188

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	5
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	

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CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005 URBAN	
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	446	446
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	3	3
*	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	3	3
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	5	5
*	78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LETTERS AND SYMBOLS	SQ FT	1014	1014
*	78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6"	FOOT	129522	129522
*	78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 8"	FOOT	8107	8107
*	78004660	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 12"	FOOT	1188	1188
*	78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 24"	FOOT	446	446
*	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	129522	129522
*	78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	8107	8107
*	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1188	1188
*	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	446	446
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	980	980

\* SPECIALTY ITEM

80% FED  
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CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005 URBAN	
*	78100300	REPLACEMENT REFLECTOR	EACH	41	41
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	22	22
*	78200020	CURB REFLECTORS	EACH	68	68
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	934	934
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	51315	51315
*	80300100	LOCATING UNDERGROUND CABLE	FOOT	240	240
*	81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	10	10
*	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	91	91
*	81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	5	5
*	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	8	8
*	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2	2
*	87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	1	1
*	87600200	PEDESTRIAN PUSH-BUTTON POST, TYPE II	EACH	2	2
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3	3

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SCALE:		SHEET OF SHEETS		STA. TO STA.		ILLINOIS		FED. AID PROJECT		

80% FED  
20% STATE

CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	URBAN
* 87900200	DRILL EXISTING HANDHOLE	EACH	2	2	
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1	1	
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	8759	8759	
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1944	1944	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	8	8	
89502380	REMOVE EXISTING HANDHOLE	EACH	2	2	
X2501020	SEEDING, CLASS 2A (SPECIAL)	ACRE	0.25	0.25	
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	547	547	
X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	28	28	
X4420543	CLASS A PATCHES, TYPE I, 9 INCH (SPECIAL)	SQ YD	12	12	
X4420545	CLASS A PATCHES, TYPE II, 9 INCH (SPECIAL)	SQ YD	84	84	
X4420547	CLASS A PATCHES, TYPE III, 9 INCH (SPECIAL)	SQ YD	37	37	
X4420549	CLASS A PATCHES, TYPE IV, 9 INCH (SPECIAL)	SQ YD	1001	1001	
* X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	6	6	

\* SPECIALTY ITEM

80% FED  
20% STATE

CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	URBAN
* X7800200	PAINT PAVEMENT MARKING CURB	FOOT	351	351	
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	7	7	
Ø Z0076600	TRAINEES	HOUR	1000	1000	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000	
Z0034105	MATERIAL TRANSFER DEVICE	TON	23849	23849	

REV. - MS

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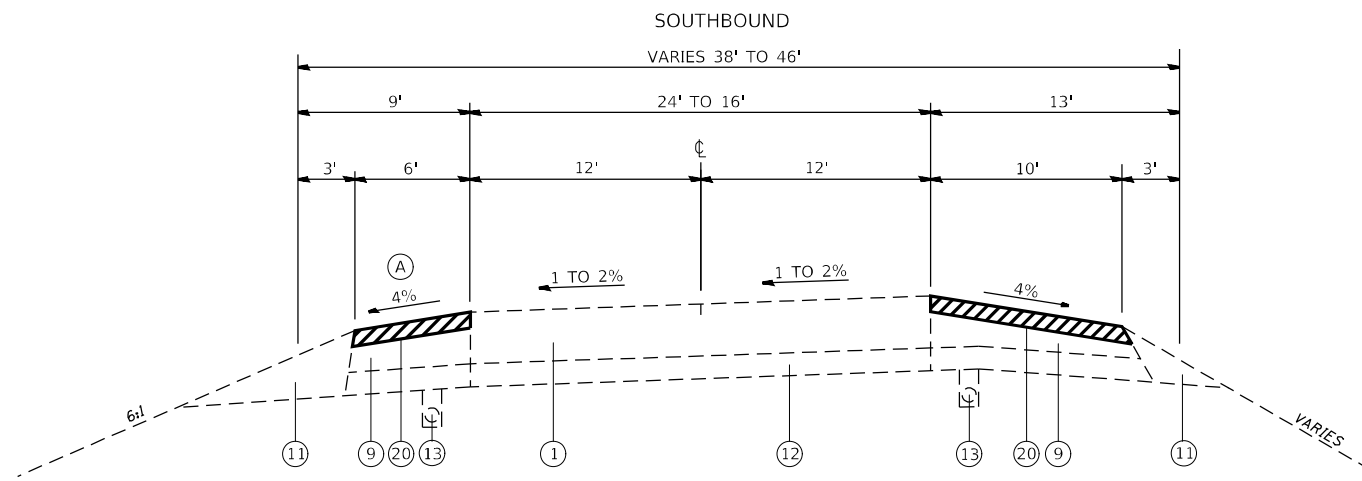
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

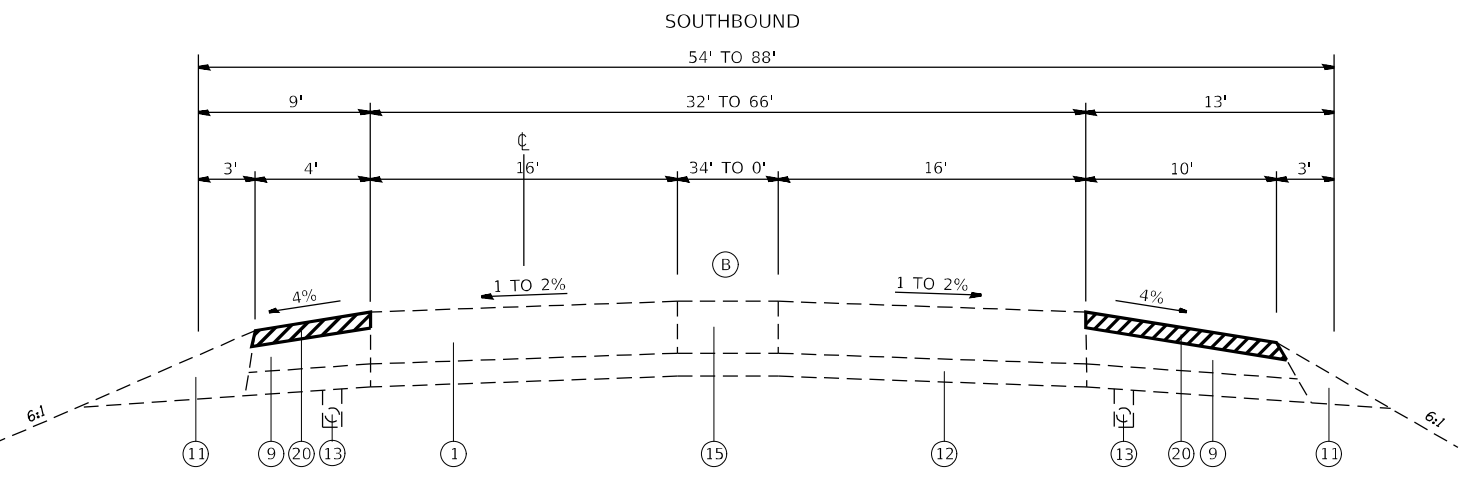
SUMMARY OF QUANTITIES

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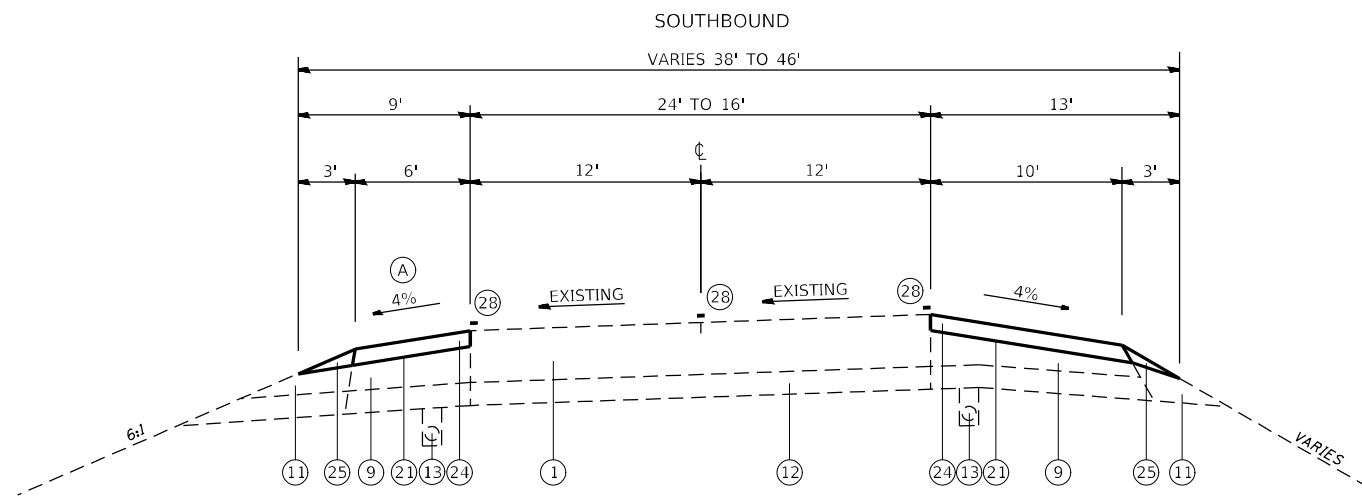
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312	(65-1,66-1,67-1)RS-1	MONROE	64	7
			CONTRACT NO. 76M80	
ILLINOIS FED. AID PROJECT				



RDWY "B" EXISTING TYPICAL SECTION  
STA. 547+94 TO STA. 578+54

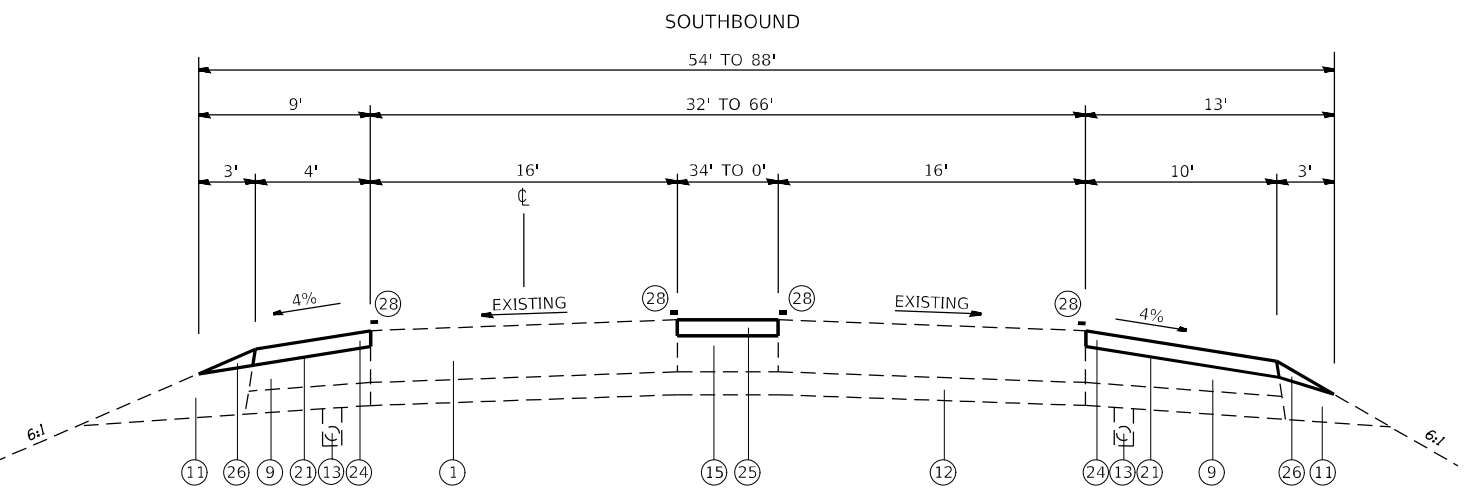


RDWY "B" EXISTING TANGENT TYPICAL SECTION  
STA. 578+54 TO STA. 581+98



RDWY "B" PROPOSED TYPICAL SECTION  
STA. 547+94 TO STA. 578+54

NOTE: THE CROSS-SLOPES ON SUPERELEVATED SECTIONS SHALL MATCH EXISTING.  
(A) SLOPE AT SAME RATE AS SUPERELEVATION, BUT NOT LESS THAN SLOPE SHOWN



RDWY "B" PROPOSED TANGENT TYPICAL SECTION  
STA. 578+54 TO STA. 581+98

NOTE:  
(B) MILLING 2.75" FOR HMA SHOULDERS. NO MILLING FOR CONCRETE SHOULDERS.

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 9"
- ② EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4", TYPE 2 (12 3/4" BINDER & 1 1/2" SURFACE)
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 7"
- ⑤ EXISTING PCC PAVEMENT, 10" OR BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4"
- ⑥ EXISTING HMA 1" LEVEL BINDER
- ⑦ EXISTING HMA 2" BINDER (1 1/4" + 3/4")
- ⑧ EXISTING HMA 1 1/2" SURFACE
- ⑨ EXISTING BITUMINOUS SHOULDER, 9"
- ⑩ EXISTING BITUMINOUS SHOULDER, 8"
- ⑪ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑫ EXISTING STABILIZED SUBGRADE, 4"
- ⑬ EXISTING PIPE UNDERDRAIN, 4"
- ⑭ EXISTING HMA 3/4" BINDER REMAINING
- ⑮ EXISTING CONCRETE OR HMA SHOULDER TAPER

HMA SURFACE REMOVAL, 2 3/4"

⑯ - ⑲ NOT USED

- ⑳ PROPOSED HMA SURFACE REMOVAL, 2 3/4"
- ㉑ PROPOSED BITUMINOUS (TACK COAT)
- ㉒ PROPOSED HMA BINDER, MIX "C", IL 9.5FG, N90, 1 1/4"
- ㉓ PROPOSED HMA POLY SURFACE COURSE, MIX "E", IL 9.5, N90, 1 1/2"
- ㉔ PROPOSED HMA SHOULDERS, 2 3/4" WITH RUMBLE STRIPS
- ㉕ PROPOSED HMA SHOULDERS, 2 3/4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED LONGITUDINAL JOINT SEALANT
- ㉘ PROPOSED GROOVING FOR RECESSED PAVEMENT MARKING & PREFORMED PLASTIC PAVEMENT MARKING, TYPE D

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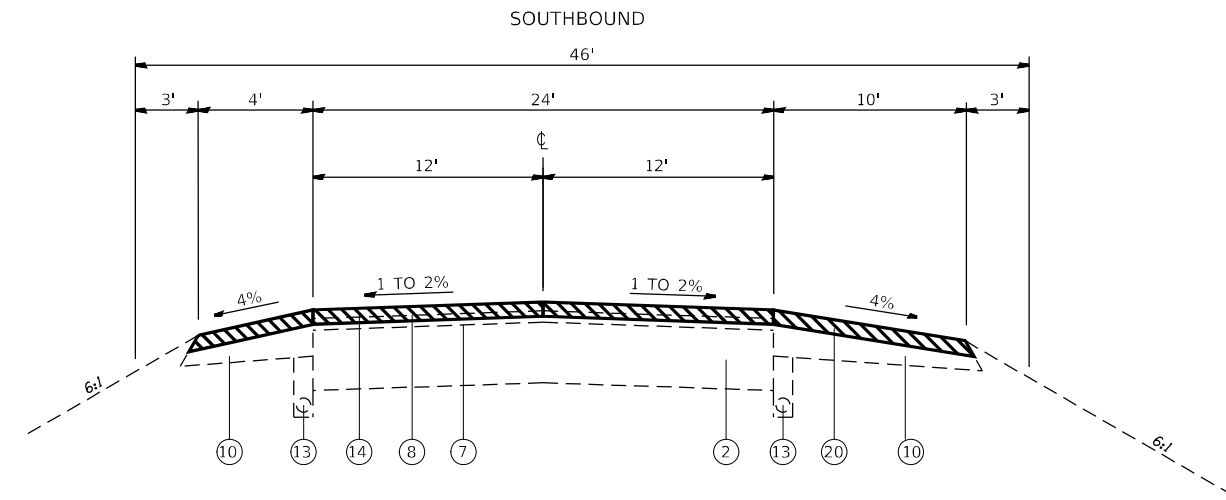
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY "B" TYPICAL SECTIONS SOUTH BOUND

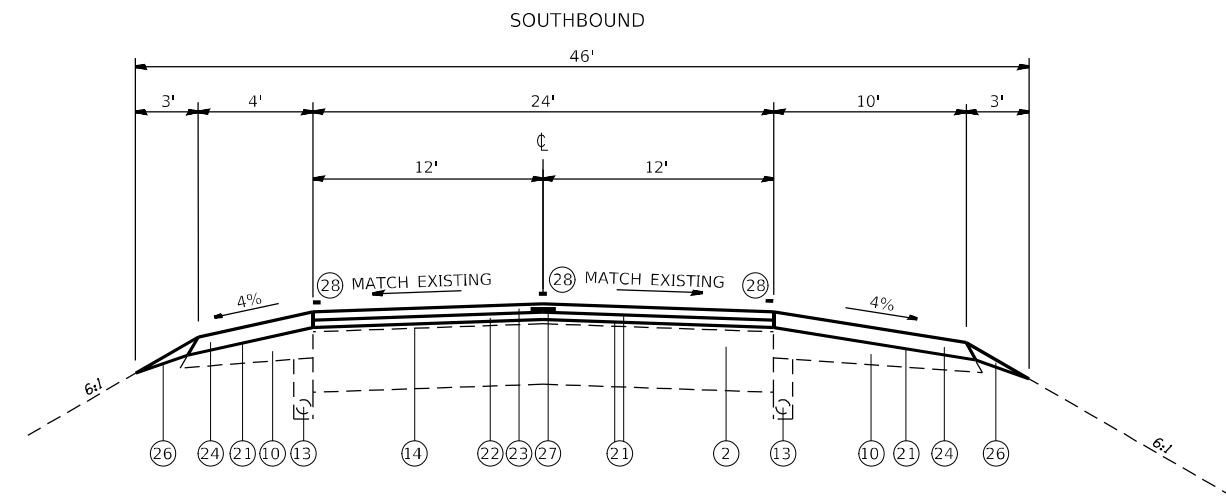
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	8
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				





RDWY "B" EXISTING TANGENT TYPICAL SECTION  
STA. 581+98 TO STA. 592+79



RDWY "B" PROPOSED TANGENT TYPICAL SECTION  
STA. 581+98 TO STA. 592+79

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 9"
- ② EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4", TYPE 2 (12 3/4" BINDER & 1 1/2" SURFACE)
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 7"
- ⑤ EXISTING PCC PAVEMENT, 10" OR BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4"
- ⑥ EXISTING HMA 1" LEVEL BINDER
- ⑦ EXISTING HMA 2" BINDER (1 1/4" + 3/4")
- ⑧ EXISTING HMA 1 1/2" SURFACE
- ⑨ EXISTING BITUMINOUS SHOULDER, 9"
- ⑩ EXISTING BITUMINOUS SHOULDER, 8"
- ⑪ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑫ EXISTING STABILIZED SUBGRADE, 4"
- ⑬ EXISTING PIPE UNDERDRAIN, 4"
- ⑭ EXISTING HMA 3/4" BINDER REMAINING
- ⑮ EXISTING CONCRETE OR HMA SHOULDER TAPER

HMA SURFACE REMOVAL, 2 3/4"

- ⑯ - ⑲ NOT USED
- ⑳ PROPOSED HMA SURFACE REMOVAL, 2 3/4"
- ㉑ PROPOSED BITUMINOUS (TACK COAT)
- ㉒ PROPOSED HMA BINDER, MIX "C", IL 9.5FG, N90, 1 1/4"
- ㉓ PROPOSED HMA POLY SURFACE COURSE, MIX "E", IL 9.5, N90, 1 1/2"
- ㉔ PROPOSED HMA SHOULDERS, 2 3/4" WITH RUMBLE STRIPS
- ㉕ PROPOSED HMA SHOULDERS, 2 3/4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED LONGITUDINAL JOINT SEALANT
- ㉘ PROPOSED GROOVING FOR RECESSED PAVEMENT MARKING & PREFORMED PLASTIC PAVEMENT MARKING, TYPE D

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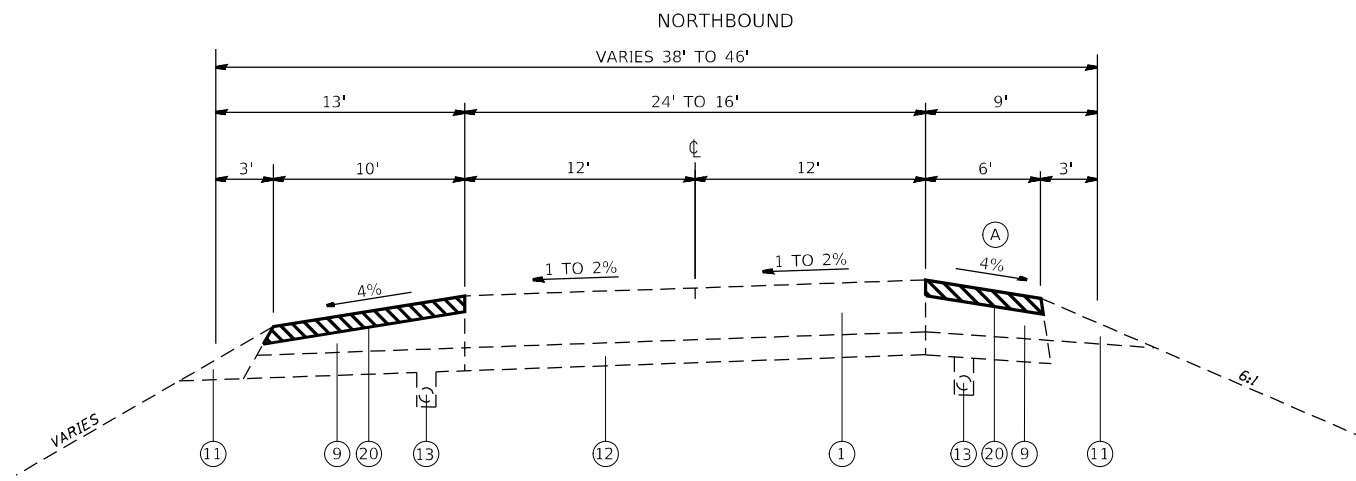
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

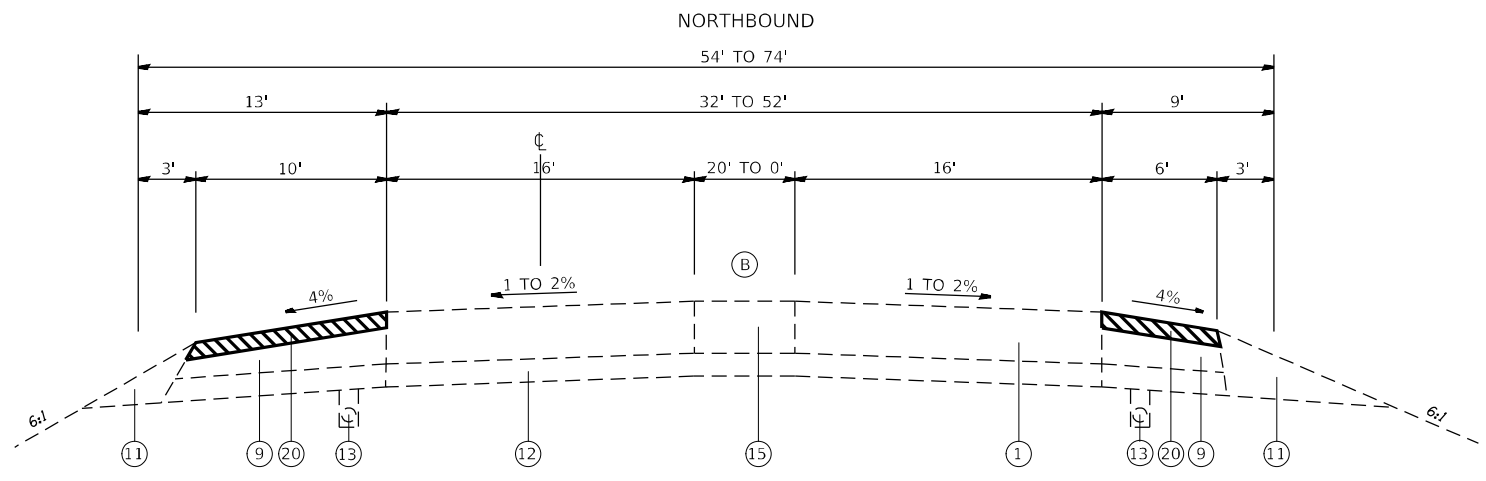
ROADWAY "B" TYPICAL SECTIONS SOUTH BOUND

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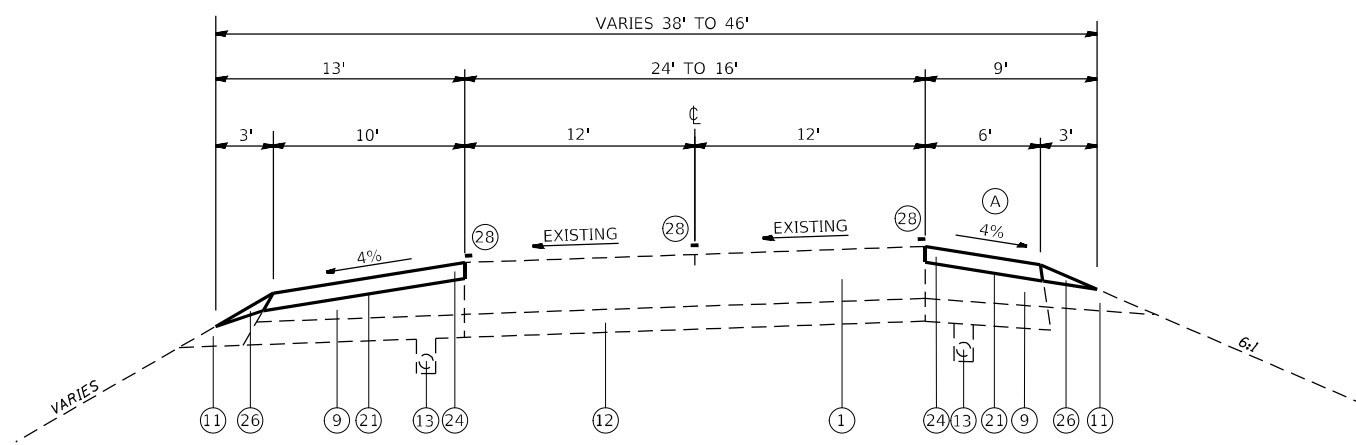
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312	(65-1,66-1,67-1)RS-1	MONROE	64	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M80	



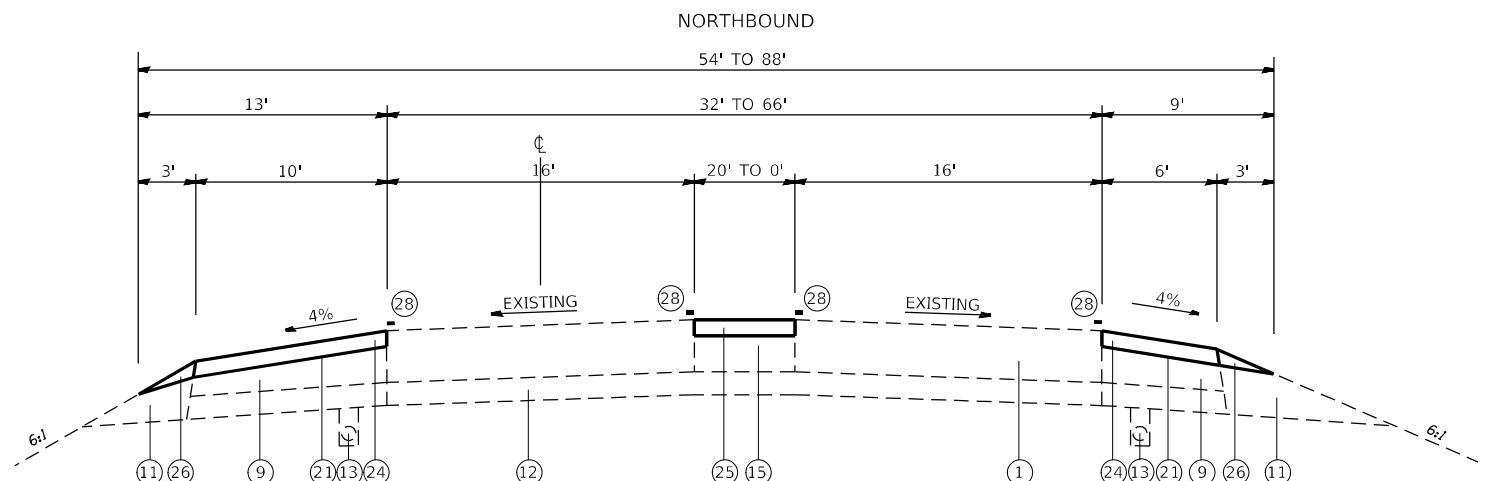
RDWY "C" EXISTING TYPICAL SECTION  
STA. 549+58 TO STA. 576+39



RDWY "C" EXISTING TANGENT TYPICAL SECTION  
STA. 576+39 TO STA. 581+63



RDWY "C" PROPOSED TYPICAL SECTION  
STA. 549+58 TO STA. 576+39



RDWY "C" PROPOSED TANGENT TYPICAL SECTION  
STA. 576+39 TO STA. 581+63

NOTE: THE CROSS-SLOPES ON SUPERELEVATED SECTIONS SHALL MATCH EXISTING.  
(A) SLOPE AT SAME RATE AS SUPERELEVATION, BUT NOT LESS THAN SLOPE SHOWN

NOTE:  
(B) MILLING 2.75" FOR HMA SHOULDERS. NO MILLING FOR CONCRETE SHOULDERS.

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 9"
- ② EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4", TYPE 2 (12 3/4" BINDER & 1 1/2" SURFACE)
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 7"
- ⑤ EXISTING PCC PAVEMENT, 10" OR BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4"
- ⑥ EXISTING HMA 1" LEVEL BINDER
- ⑦ EXISTING HMA 2" BINDER (1 1/4" + 3/4")
- ⑧ EXISTING HMA 1 1/2" SURFACE
- ⑨ EXISTING BITUMINOUS SHOULDER, 9"
- ⑩ EXISTING BITUMINOUS SHOULDER, 8"
- ⑪ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑫ EXISTING STABILIZED SUBGRADE, 4"
- ⑬ EXISTING PIPE UNDERDRAIN, 4"
- ⑭ EXISTING HMA 3/4" BINDER REMAINING
- ⑮ EXISTING CONCRETE OR HMA SHOULDER TAPER

- HMA SURFACE REMOVAL, 2 3/4"
- ⑯ - ⑲ NOT USED
- ⑳ PROPOSED HMA SURFACE REMOVAL, 2 3/4"
- ㉑ PROPOSED BITUMINOUS (TACK COAT)
- ㉒ PROPOSED HMA BINDER, MIX "C", IL 9.5FG, N90, 1 1/4"
- ㉓ PROPOSED HMA POLY SURFACE COURSE, MIX "E", IL 9.5, N90, 1 1/2"
- ㉔ PROPOSED HMA SHOULDERS, 2 3/4" WITH RUMBLE STRIPS
- ㉕ PROPOSED HMA SHOULDERS, 2 3/4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED LONGITUDINAL JOINT SEALANT
- ㉘ PROPOSED GROOVING FOR RECESSED PAVEMENT MARKING & PREFORMED PLASTIC PAVEMENT MARKING, TYPE D

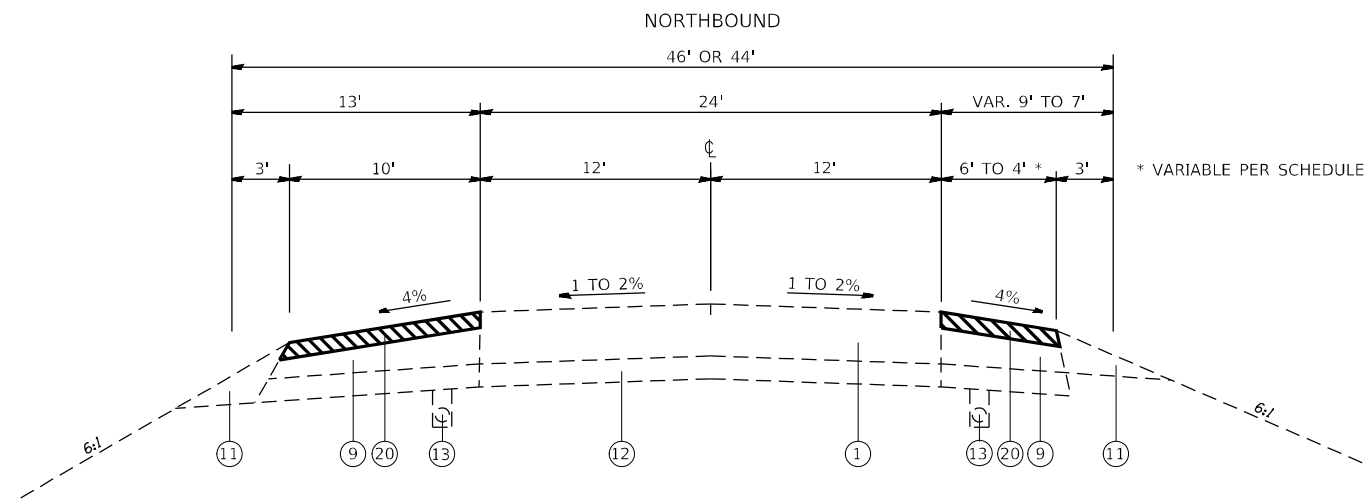
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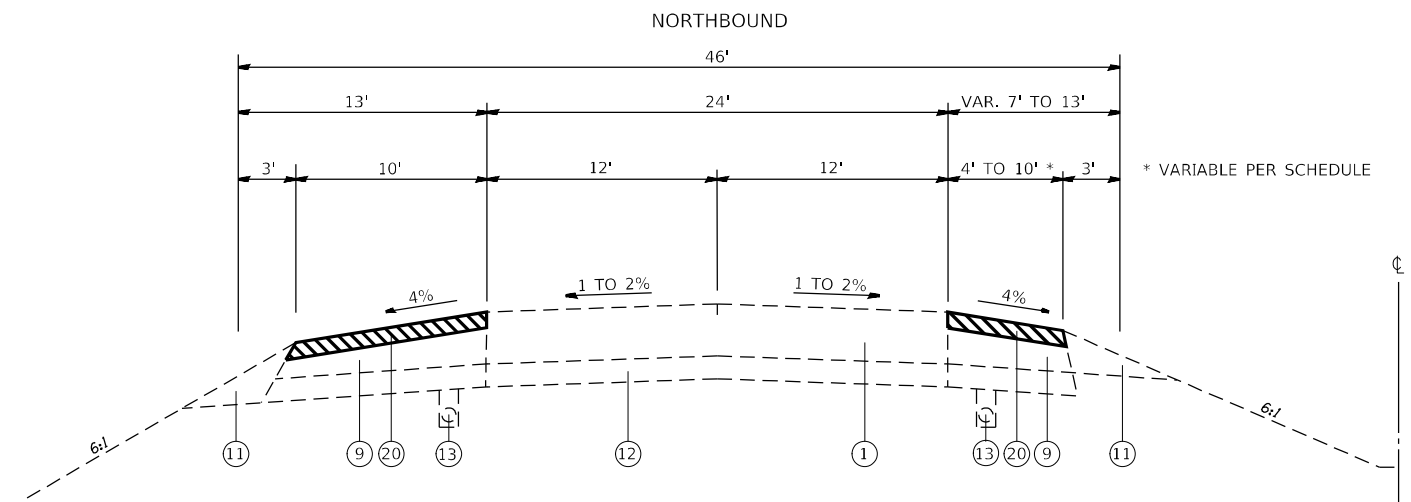
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY "C" TYPICAL SECTIONS NORTH BOUND			
SCALE: NTS	SHEET	OF SHEETS	STA. TO STA.

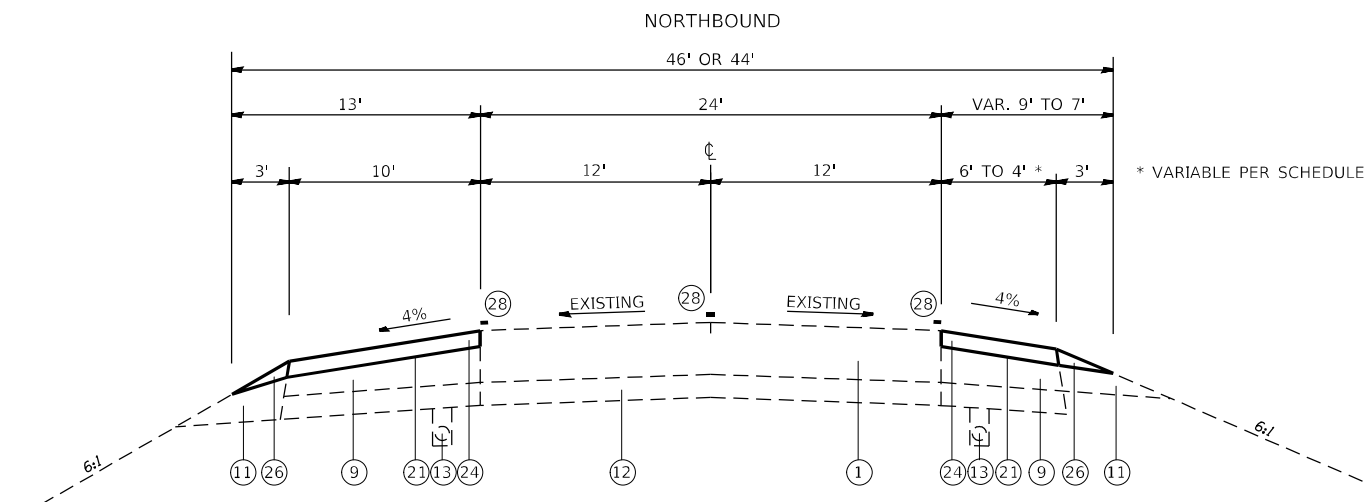
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CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				



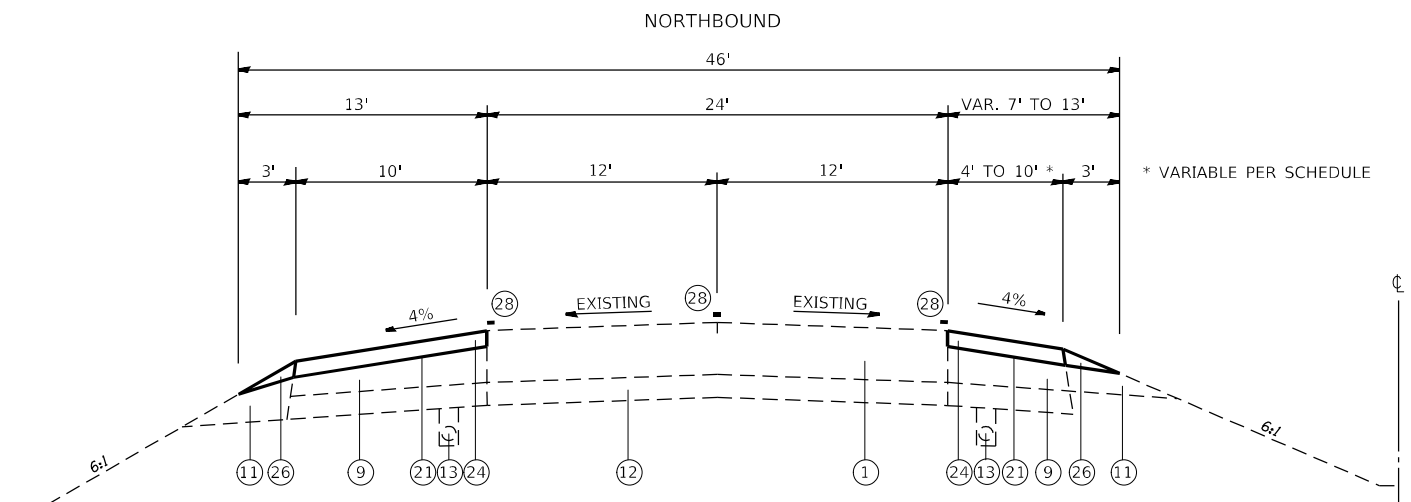
RDWY "C" EXISTING TANGENT TYPICAL SECTION  
STA. 581+63 TO STA. 592+79



EXISTING TYPICAL SECTION  
STA. 592+79 TO STA. 604+10



RDWY "C" PROPOSED TANGENT TYPICAL SECTION  
STA. 581+63 TO STA. 592+79



PROPOSED TYPICAL SECTION  
STA. 592+79 TO STA. 603+02

NOTE: STA. 603+02 TO 604+10 CONTAINS A THIN HMA SURFACE PAVEMENT PATCH TO REMAIN OVER A CONCRETE APPROACH THAT IS NOT DETAILED OR PART OF THESE PLANS.

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 9"
- ② EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4", TYPE 2 (12 3/4" BINDER & 1 1/2" SURFACE)
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 7"
- ⑤ EXISTING PCC PAVEMENT, 10" OR BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4"
- ⑥ EXISTING HMA 1" LEVEL BINDER
- ⑦ EXISTING HMA 2" BINDER (1 1/4" + 3/4")
- ⑧ EXISTING HMA 1 1/2" SURFACE
- ⑨ EXISTING BITUMINOUS SHOULDER, 9"
- ⑩ EXISTING BITUMINOUS SHOULDER, 8"
- ⑪ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑫ EXISTING STABILIZED SUBGRADE, 4"
- ⑬ EXISTING PIPE UNDERDRAIN, 4"
- ⑭ EXISTING HMA 3/4" BINDER REMAINING
- ⑮ EXISTING CONCRETE OR HMA SHOULDER TAPER

HMA SURFACE REMOVAL, 2 3/4"

⑯ - ⑲ NOT USED

- ⑳ PROPOSED HMA SURFACE REMOVAL, 2 3/4"
- ㉑ PROPOSED BITUMINOUS (TACK COAT)
- ㉒ PROPOSED HMA BINDER, MIX "C", IL 9.5FG, N90, 1 1/4"
- ㉓ PROPOSED HMA POLY SURFACE COURSE, MIX "E", IL 9.5, N90, 1 1/2"
- ㉔ PROPOSED HMA SHOULDERS, 2 3/4" WITH RUMBLE STRIPS
- ㉕ PROPOSED HMA SHOULDERS, 2 3/4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED LONGITUDINAL JOINT SEALANT
- ㉘ PROPOSED GROOVING FOR RECESSED PAVEMENT MARKING & PREFORMED PLASTIC PAVEMENT MARKING, TYPE D

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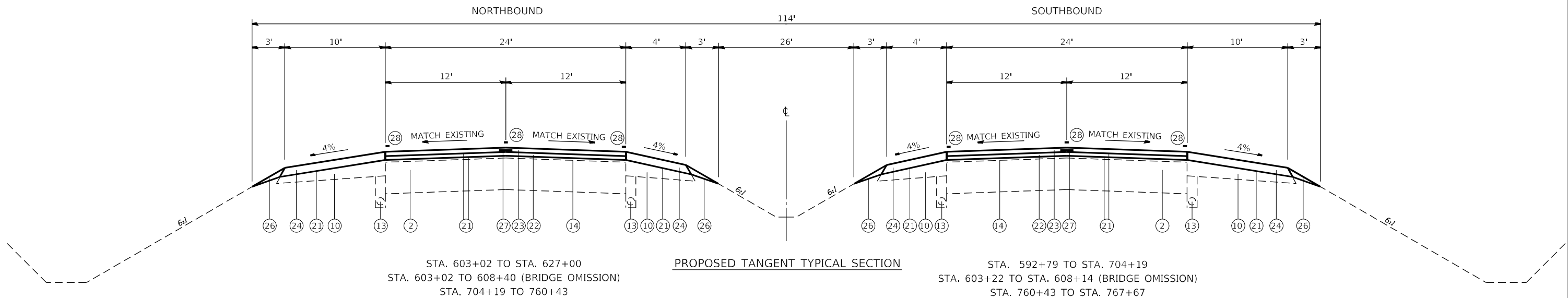
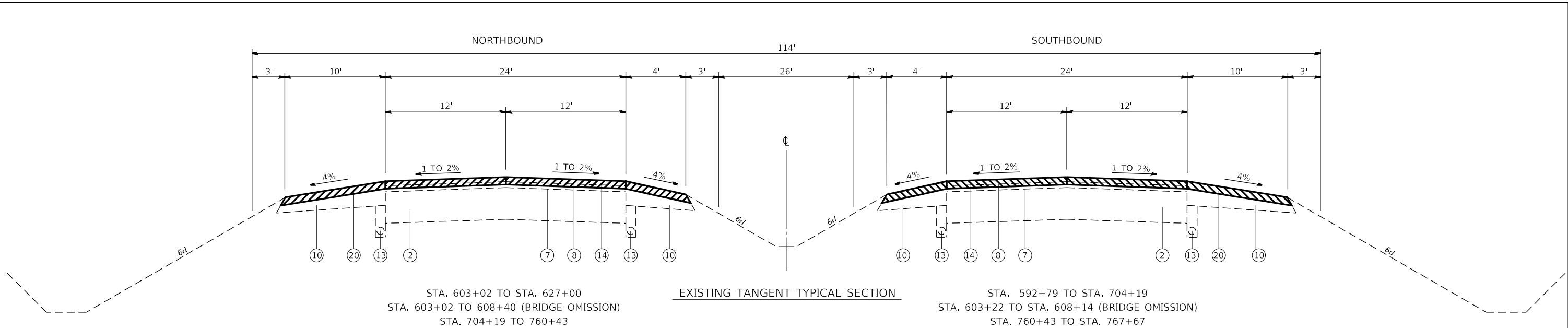
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY "C" TYPICAL SECTIONS NORTH BOUND  
& TYPICAL SECTIONS

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	11
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	



NOTE: THE CROSS-SLOPES ON SUPERELEVATED SECTIONS SHALL MATCH EXISTING.

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 9"
- ② EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4", TYPE 2 (12 3/4" BINDER & 1 1/2" SURFACE)
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 7"
- ⑤ EXISTING PCC PAVEMENT, 10" OR BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4"
- ⑥ EXISTING HMA 1" LEVEL BINDER
- ⑦ EXISTING HMA 2" BINDER (1 1/4" + 3/4")
- ⑧ EXISTING HMA 1 1/2" SURFACE
- ⑨ EXISTING BITUMINOUS SHOULDER, 9"
- ⑩ EXISTING BITUMINOUS SHOULDER, 8"
- ⑪ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑫ EXISTING STABILIZED SUBGRADE, 4"
- ⑬ EXISTING PIPE UNDERDRAIN, 4"
- ⑭ EXISTING HMA 3/4" BINDER REMAINING
- ⑮ EXISTING CONCRETE OR HMA SHOULDER TAPER
- ⑯ - ⑲ NOT USED
- ⑳ PROPOSED HMA SURFACE REMOVAL, 2 3/4"
- ㉑ PROPOSED BITUMINOUS (TACK COAT)
- ㉒ PROPOSED HMA BINDER, MIX "C", IL 9.5FG, N90, 1 1/4"
- ㉓ PROPOSED HMA POLY SURFACE COURSE, MIX "E", IL 9.5, N90, 1 1/2"
- ㉔ PROPOSED HMA SHOULDERS, 2 3/4" WITH RUMBLE STRIPS
- ㉕ PROPOSED HMA SHOULDERS, 2 3/4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED LONGITUDINAL JOINT SEALANT
- ㉘ PROPOSED GROOVING FOR RECESSED PAVEMENT MARKING & PREFORMED PLASTIC PAVEMENT MARKING, TYPE D

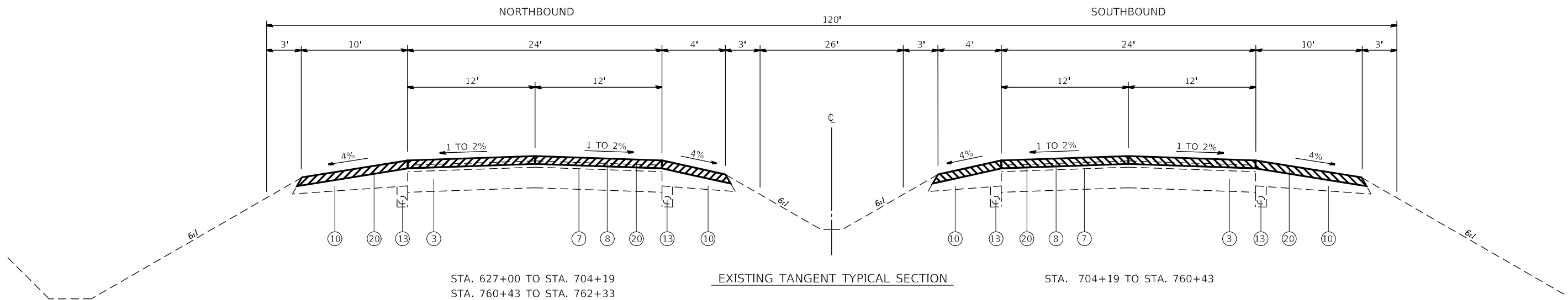
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE: NTS	SHEET OF SHEETS STA. TO STA.

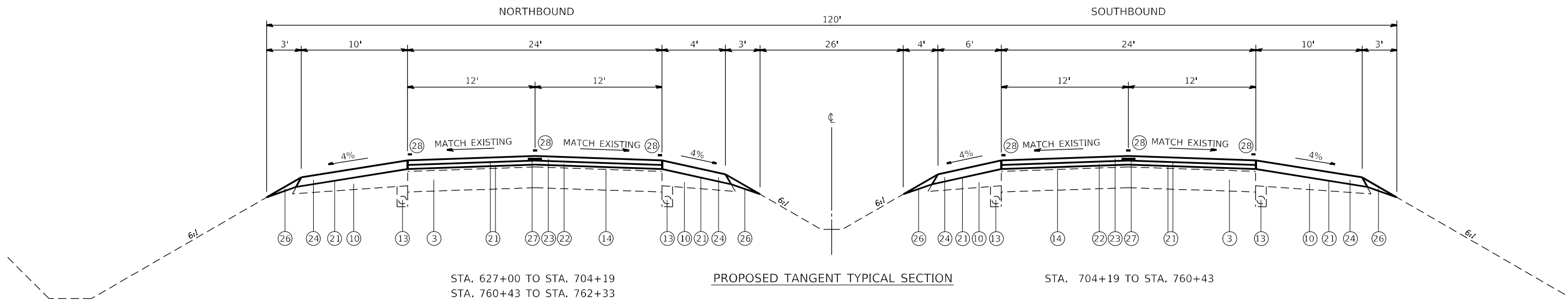
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M80	



STA. 627+00 TO STA. 704+19  
STA. 760+43 TO STA. 762+33

EXISTING TANGENT TYPICAL SECTION

STA. 704+19 TO STA. 760+43



STA. 627+00 TO STA. 704+19  
STA. 760+43 TO STA. 762+33

PROPOSED TANGENT TYPICAL SECTION

STA. 704+19 TO STA. 760+43

NOTE: THE CROSS-SLOPES ON SUPERELEVATED SECTIONS SHALL MATCH EXISTING.

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 9"
- ② EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4", TYPE 2 (12 3/4" BINDER & 1 1/2" SURFACE)
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 7"
- ⑤ EXISTING PCC PAVEMENT, 10" OR BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4"
- ⑥ EXISTING HMA 1" LEVEL BINDER
- ⑦ EXISTING HMA 2" BINDER (1 1/4" + 3/4")
- ⑧ EXISTING HMA 1 1/2" SURFACE
- ⑨ EXISTING BITUMINOUS SHOULDER, 9"
- ⑩ EXISTING BITUMINOUS SHOULDER, 8"
- ⑪ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑫ EXISTING STABILIZED SUBGRADE, 4"
- ⑬ EXISTING PIPE UNDERDRAIN, 4"
- ⑭ EXISTING HMA 3/4" BINDER REMAINING
- ⑮ EXISTING CONCRETE OR HMA SHOULDER TAPER

- HMA SURFACE REMOVAL, 2 3/4"
- ⑯ - ⑲ NOT USED
- ⑳ PROPOSED HMA SURFACE REMOVAL, 2 3/4"
- ㉑ PROPOSED BITUMINOUS (TACK COAT)
- ㉒ PROPOSED HMA BINDER, MIX "C", IL 9.5FG, N90, 1 1/4"
- ㉓ PROPOSED HMA POLY SURFACE COURSE, MIX "E", IL 9.5, N90, 1 1/2"
- ㉔ PROPOSED HMA SHOULDERS, 2 3/4" WITH RUMBLE STRIPS
- ㉕ PROPOSED HMA SHOULDERS, 2 3/4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED LONGITUDINAL JOINT SEALANT
- ㉘ PROPOSED GROOVING FOR RECESSED PAVEMENT MARKING & PREFORMED PLASTIC PAVEMENT MARKING, TYPE D

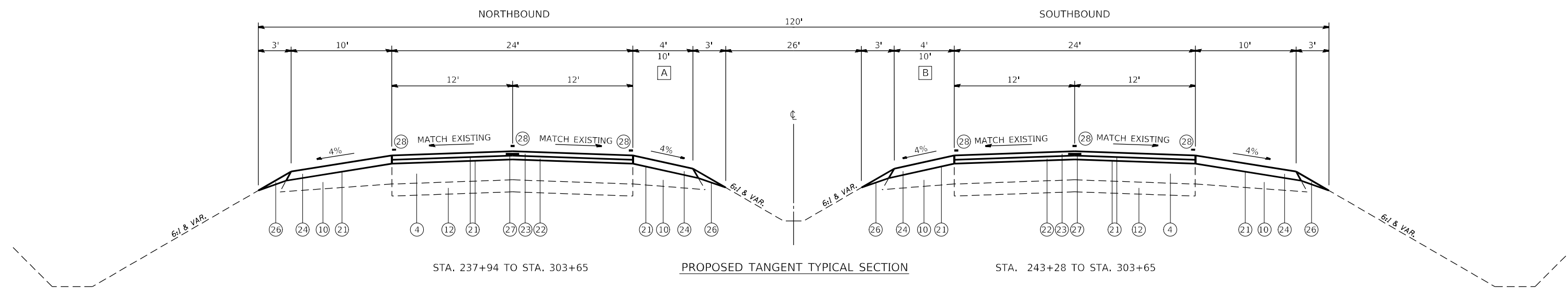
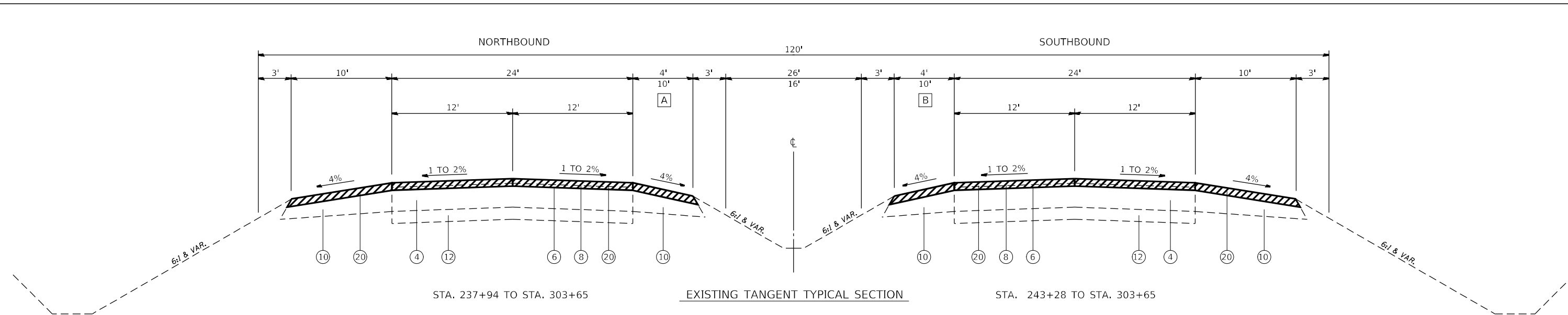
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PLOT SCALE = 100,0000' / in.	CHECKED - BO	REVISED -
PLOT DATE = 3/23/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE: NTS	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	13
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	



NOTE: THE CROSS-SLOPES ON SUPERELEVATED SECTIONS SHALL MATCH EXISTING.

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 9"
- ② EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4", TYPE 2 (12 3/4" BINDER & 1 1/2" SURFACE)
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 7"
- ⑤ EXISTING PCC PAVEMENT, 10" OR BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4"
- ⑥ EXISTING HMA 1" LEVEL BINDER
- ⑦ EXISTING HMA 2" BINDER (1 1/4" + 3/4")
- ⑧ EXISTING HMA 1 1/2" SURFACE
- ⑨ EXISTING BITUMINOUS SHOULDER, 9"
- ⑩ EXISTING BITUMINOUS SHOULDER, 8"
- ⑪ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑫ EXISTING STABILIZED SUBGRADE, 4"
- ⑬ EXISTING PIPE UNDERDRAIN, 4"
- ⑭ EXISTING HMA 3/4" BINDER REMAINING
- ⑮ EXISTING CONCRETE OR HMA SHOULDER TAPER
- ⑯ - ⑰ NOT USED
- ⑱ PROPOSED HMA SURFACE REMOVAL, 2 3/4"
- ⑲ PROPOSED BITUMINOUS (TACK COAT)
- ⑳ PROPOSED HMA BINDER, MIX "C", IL 9.5FG, N90, 1 1/4"
- ㉑ PROPOSED HMA POLY SURFACE COURSE, MIX "E", IL 9.5, N90, 1 1/2"
- ㉒ PROPOSED HMA SHOULDERS, 2 3/4" WITH RUMBLE STRIPS
- ㉓ PROPOSED HMA SHOULDERS, 2 3/4"
- ㉔ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ PROPOSED LONGITUDINAL JOINT SEALANT
- ㉖ PROPOSED GROOVING FOR RECESSED PAVEMENT MARKING & PREFORMED PLASTIC PAVEMENT MARKING, TYPE D
- A PROPOSED 4' TO 10' VARIABLE SHOULDER WIDENING, NB STA. 286+07 TO 286+71, AND 287+61 TO 288+20, CURB REMOVAL, EXCAVATION AND GRADING EXISTING SHOULDERS, AT HILL CASTLE LN.
- B PROPOSED 4' TO 10' VARIABLE SHOULDER WIDENING, SB STA. 286+07 TO 286+66, AND 287+56 TO 288+20, CURB REMOVAL, EXCAVATION AND GRADING EXISTING SHOULDERS, AT HILL CASTLE RD.

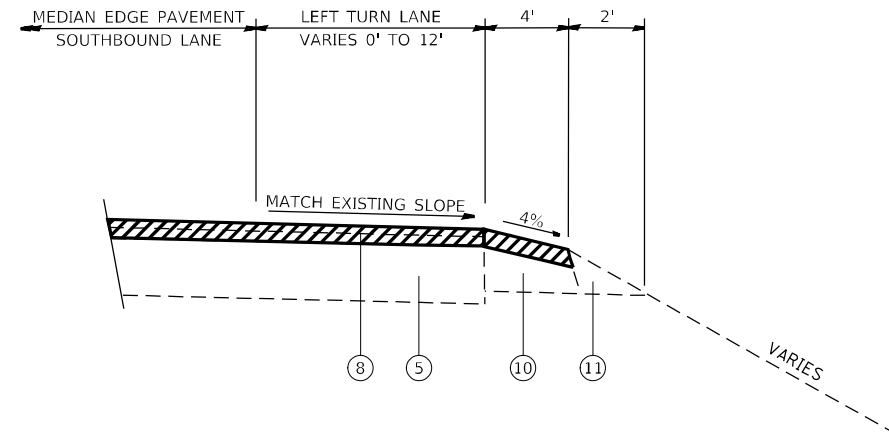
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PLOT DATE = 3/23/2022	DATE -	REVISED -

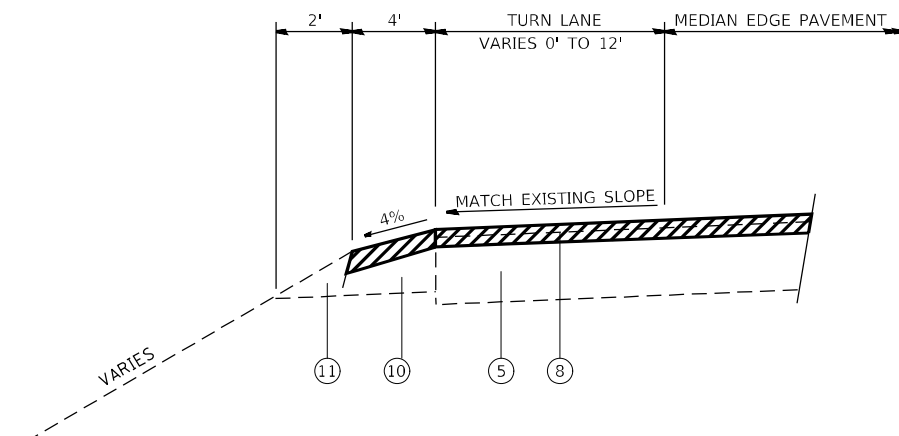
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE: NTS	SHEET OF SHEETS STA. TO STA.

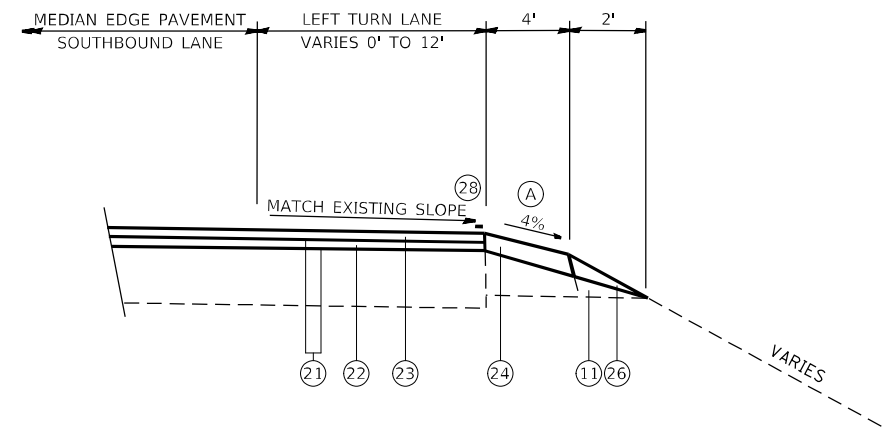
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	14
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	



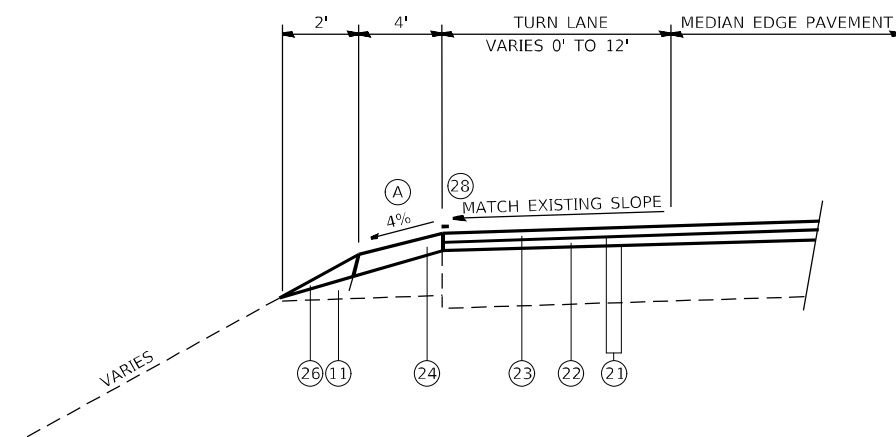
EXISTING LEFT TURN LANE SOUTHBOUND / RIGHT TURN LANE NORTHBOUND



EXISTING LEFT TURN LANE NORTHBOUND / RIGHT TURN LANE SOUTHBOUND



PROPOSED LEFT TURN LANE SOUTHBOUND / RIGHT TURN LANE NORTHBOUND



PROPOSED LEFT TURN LANE NORTHBOUND / RIGHT TURN LANE SOUTHBOUND

(A) SLOPE AT SAME RATE AS SUPERELEVATION, BUT NOT LESS THAN SLOPE SHOWN

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 9"
- ② EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4", TYPE 2 (12 3/4" BINDER & 1 1/2" SURFACE)
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 7"
- ⑤ EXISTING PCC PAVEMENT, 10" OR BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 14 1/4"
- ⑥ EXISTING HMA 1" LEVEL BINDER
- ⑦ EXISTING HMA 2" BINDER (1 1/4" + 3/4")
- ⑧ EXISTING HMA 1 1/2" SURFACE
- ⑨ EXISTING BITUMINOUS SHOULDER, 9"
- ⑩ EXISTING BITUMINOUS SHOULDER, 8"
- ⑪ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑫ EXISTING STABILIZED SUBGRADE, 4"
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HMA SURFACE REMOVAL, 2 3/4"

⑯ - ⑲ NOT USED

- ⑳ PROPOSED HMA SURFACE REMOVAL, 2 3/4"
- ㉑ PROPOSED BITUMINOUS (TACK COAT)
- ㉒ PROPOSED HMA BINDER, MIX "C", IL 9.5FG, N90, 1 1/4"
- ㉓ PROPOSED HMA POLY SURFACE COURSE, MIX "E", IL 9.5, N90, 1 1/2"
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- ㉕ PROPOSED HMA SHOULDERS, 2 3/4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED LONGITUDINAL JOINT SEALANT
- ㉘ PROPOSED GROOVING FOR RECESSED PAVEMENT MARKING & PREFORMED PLASTIC PAVEMENT MARKING, TYPE D

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PLOT SCALE = 100,0000' / in.	CHECKED - BO	REVISED -
PLOT DATE = 3/23/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TURN LANE TYPICAL SECTIONS

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	15
			CONTRACT NO. 76M80	
			ILLINOIS FED. AID PROJECT	

MAINLINE RESURFACING SCHEDULE

LOCATION	STA	TO	STA	PAVEMENT LENGTH	PAVEMENT WIDTH (FT)	HMA SURFACE REMOVAL 2.75"² (SQ YD)	BITUMINOUS MATERIALS (TACK COAT)¹ (POUND)	HMA BINDER COURSE, MIX "C", IL-9.5FG, N90 1.25" (TONS)	HMA POLY SURFACE COURSE, MIX "E", IL-9.5, N90, 1.5" (TONS)	LONGITUDINAL JOINT SEALANT (FT)	MATERIAL TRANSFER DEVICE (TONS)
RDWY B / SBIL3	581+98	TO	603+22	2124	24.0	5664.0	3823.2	396.5	475.8	2124	872.3
SBIL3	603+22	TO	608+14	492		BRIDGE OMISSION					
SBIL3	608+14	TO	608+40	26	24.0	69.3	46.8	4.9	5.8	26	10.7
SBIL3 & NBIL3	608+40	TO	762+33	15393	48.0	82096.0	55414.8	5746.7	6896.1	30786	12642.8
STA. EQN. 762+33 BK = 237+94 AH											
SBIL3 & NBIL3	237+94	TO	303+65	6571	48.0	35045.3	23655.6	2453.2	2943.8	13142	5397.0
SBIL3 OFF RAMP 2, PALMER	1+44	TO	15+58	1414	16.0	2513.8	1696.8	176.0	211.2	963	387.2
SBIL3 OFF RAMP 2, PALMER	15+58			14.3	14.3	204.0	137.7	14.3	17.1		31.4
SBIL3 ON RAMP 3, PALMER	0+53			18.6	18.6	344.0	232.2	24.1	28.9		53.0
SBIL3 ON RAMP 3, PALMER	1+44	TO	2+09	65	16.0	115.6	78.0	8.1	9.7		17.8
SBIL3 ON RAMP 3, PALMER	2+09	TO	3+81	172		RAMP 3 BRIDGE OMISSION					
SBIL3 ON RAMP 3, PALMER	3+81	TO	11+30	749	16.0	1331.6	898.8	93.2	111.9		205.1
SBIL3 ON RAMP 3, PALMER	11+30	TO	21+97	1067	11.0	1304.1	880.3	91.3	109.5	1067	200.8
NBIL3 ON RAMP 1, PALMER	0+90					106.0	71.6	7.4	8.9		16.3
NBIL3 ON RAMP 1, PALMER	0+90	TO	10+93	1003	16.0	1783.1	1203.6	124.8	149.8		274.6
NBIL3 OFF RAMP 4, PALMER	0+00	TO	1+81	181	14.0	281.6	190.1	19.7	23.7		43.4
NBIL3 OFF RAMP 4, PALMER	1+81	TO	14+35	1254	16.0	2229.3	1504.8	156.1	187.3	944	343.4
NBIL3 OFF RAMP 4, PALMER	15+88	TO	16+50	62	30.0	157.1	106.1	11.0	13.2		24.2
NBIL3 OFF RAMP 4, PALMER	622+85	TO	631+78	893	12.0	1190.7	803.7	83.3	100.0	893	183.3
NBIL3 OFF RAMP 4, PALMER	631+78	TO	632+85	107	16.0	190.2	128.4	13.3	16.0		29.3
SBIL3 LT MAIN	627+55	TO	630+00	245	6.0	163.3	110.3	11.4	13.7	245	25.1
SBIL3 LT MAIN	630+00	TO	632+42	242	12.0	322.7	217.8	22.6	27.1	242	49.7
MAIN & SANDBANK	632+42	TO	633+58	116	40.0	515.6	348.0	36.1	43.3	348	79.4
NBIL3 LT SANDBANK	633+58	TO	635+53	195	12.0	260.0	175.5	18.2	21.8	195	40.0
NBIL3 LT SANDBANK	635+53	TO	637+93	240	6.0	160.0	108.0	11.2	13.4	240	24.6
SBIL3 LT WEDGEWOOD	639+14	TO	641+74	260	6.0	173.3	117.0	12.1	14.6	260	26.7
SBIL3 LT WEDGEWOOD	641+74	TO	643+59	185	12.0	246.7	166.5	17.3	20.7	185	38.0
WEDGEWOOD & WESTPARK	643+59	TO	644+39	80	40.0	355.6	240.0	24.9	29.9	240	54.8
NBIL3 LT WESTPARK	644+39	TO	645+99	160	12.0	213.3	144.0	14.9	17.9	160	32.8
NBIL3 LT WESTPARK	645+99	TO	648+49	250	6.0	166.7	112.5	11.7	14.0	250	25.7
SBIL3 RT EDELWEISS/VPW	659+00	TO	661+48	248	6.0	165.3	111.6	11.6	13.9	248	25.5
SBIL3 RT EDELWEISS/VPW	661+48	TO	662+82	134	12.0	178.7	120.6	12.5	15.0	134	27.5
SBIL3 RT EDELWEISS/VPW	662+82	TO	664+62	180	10.0	200.0	135.0	14.0	16.8	180	30.8
SBIL3 LT PARKVIEW/VPW	658+60	TO	660+91	231	6.0	154.0	104.0	10.8	12.9	231	23.7
SBIL3 LT PARKVIEW/VPW	660+91	TO	663+01	210	12.0	280.0	189.0	19.6	23.5	210	43.1
PARKVIEW & EDELWEISS	663+01	TO	663+99	98	40.0	435.6	294.0	30.5	36.6	294	67.1
NBIL3 LT EDELWEISS/VPW	663+99	TO	665+72	173	12.0	230.7	155.7	16.1	19.4	173	35.5
NBIL3 LT EDELWEISS/VPW	665+72	TO	668+52	280	6.0	186.7	126.0	13.1	15.7	280	28.8
NBIL3 RT PARKVIEW/VPW	662+92	TO	665+92	300	12.0	400.0	270.0	28.0	33.6	300	61.6
NBIL3 RT PARKVIEW/VPW	665+92	TO	668+47	255	6.0	170.0	114.8	11.9	14.3	255	26.2
SBIL3 RT VALMEYER	673+69	TO	675+79	210	6.0	140.0	94.5	9.8	11.8	210	21.6
SBIL3 RT VALMEYER	675+79	TO	676+94	115	12.0	153.3	103.5	10.7	12.9	115	23.6
SBIL3 LT EAGLE	671+72	TO	674+72	300	6.0	200.0	135.0	14.0	16.8	300	30.8
SBIL3 LT EAGLE	674+72	TO	677+49	277	12.0	369.3	249.3	25.9	31.0	277	56.9
EAGLE & VALMEYER	677+49	TO	678+71	122	40.0	542.2	366.0	38.0	45.5	366	83.5
NBIL3 RT EAGLE	679+38	TO	681+00	162	12.0	216.0	145.8	15.1	18.1	162	33.2
SUBTOTAL 1 OF 2						141224.7	95326.9	9885.9	11862.9	56045.0	21748.8

¹ SEE SHOULDER SCHEDULE FOR ADDITIONAL QUANTITIES

² SEE SHOULDER SCHEDULE FOR ADDITIONAL QUANTITIES

MODEL: Default  
FILE: Mainline\_20220223.dwg  
PROJECT: D:\Projects\2022\Mainline\20220223.dwg

USER NAME = coxnd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
MAIN LINE RESURFACING

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	16
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				



MAINLINE RESURFACING SCHEDULE (CONTINUED)											
LOCATION				PAVEMENT LENGTH	PAVEMENT WIDTH	HMA SURFACE REMOVAL 2.75" <sup>2</sup>	BITUMINOUS MATERIALS (TACK COAT) <sup>1</sup>	HMA BINDER COURSE, MIX "C", IL-9.5FG, N90 1.25"	HMA POLY SURFACE COURSE, MIX "E", IL-9.5, N90, 1.5"	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE
	STA	TO	STA		(FT)	(SQ YD)	(POUND)	(TONS)	(TONS)	(FT)	(TONS)
NBIL3 RT EAGLE	681+00	TO	683+95	295	6.0	196.7	132.8	13.8	16.5	295	30.3
SBIL3 LT BOTTOM	686+60	TO	688+90	230	6.0	153.3	103.5	10.7	12.9	230	23.6
SBIL3 LT BOTTOM	688+90	TO	690+70	180	12.0	240.0	162.0	16.8	20.2	180	37.0
BOTTOM & ADMIRAL WEINEL	690+70	TO	691+72	102	40.0	453.3	306.0	31.7	38.1	306	69.8
SBIL3 LT ADMIRAL WEINEL	691+72	TO	693+59	187	12.0	249.3	168.3	17.5	20.9	187	38.4
SBIL3 LT ADMIRAL WEINEL	693+59	TO	695+79	220	6.0	146.7	99.0	10.3	12.3	220	22.6
SBIL3 LT CARL	713+38	TO	715+79	241	6.0	160.7	108.5	11.2	13.5	241	24.7
SBIL3 LT CARL	715+79	TO	717+80	201	12.0	268.0	180.9	18.8	22.5	201	41.3
CARL & CARL	717+80	TO	718+92	112	40.0	497.8	336.0	34.8	41.8	224	76.6
NBIL3 LT CARL	718+92	TO	721+07	215	12.0	286.7	193.5	20.1	24.1	215	44.2
NBIL3 LT CARL	721+07	TO	723+07	200	6.0	133.3	90.0	9.3	11.2	200	20.5
SBIL3 LT SOUTHWOODS CIRC.	728+75	TO	731+45	270	6.0	180.0	121.5	12.6	15.1	270	27.7
SBIL3 LT SOUTHWOODS CIRC.	731+45	TO	733+40	195	12.0	260.0	175.5	18.2	21.8	195	40.0
SWOODS CIRC. & SWOODS CIRC.	733+40	TO	734+22	82	40.0	364.4	246.0	25.5	30.6	246	56.1
NBIL3 LT SOUTHWOODS CIRC.	734+22	TO	736+42	220	12.0	293.3	198.0	20.5	24.6	220	45.1
NBIL3 LT SOUTHWOODS CIRC.	736+42	TO	738+70	228	6.0	152.0	102.6	10.6	12.8	228	23.4
SBIL3 LT SOUTHWOODS DR.	739+42	TO	741+97	255	6.0	170.0	114.8	11.9	14.3	255	26.2
SBIL3 LT SOUTHWOODS DR.	741+97	TO	744+07	210	12.0	280.0	189.0	19.6	23.5	210	43.1
SWOODS DR. & SWOODS DR.	744+07	TO	744+97	90	40.0	400.0	270.0	28.0	33.6	270	61.6
NBIL3 LT SOUTHWOODS DR.	744+97	TO	746+59	162	12.0	216.0	145.8	15.1	18.1	162	33.2
NBIL3 LT SOUTHWOODS DR.	746+59	TO	749+24	265	6.0	176.7	119.3	12.4	14.8	265	27.2
SBIL3 LT S. MAIN	752+15	TO	754+65	250	6.0	166.7	112.5	11.7	14.0	250	25.7
SBIL3 LT S. MAIN	754+65	TO	756+71	206	12.0	274.7	185.4	19.2	23.1	206	42.3
S. MAIN & GALL	756+71	TO	757+66	95	40.0	422.2	285.0	29.6	35.5	285	65.1
NBIL3 LT GALL	757+66	TO	759+81	215	12.0	286.7	193.5	20.1	24.1	215	44.2
NBIL3 LT GALL	759+81	TO	762+06	225	6.0	150.0	101.3	10.5	12.6	225	23.1
NBIL3 RT S. MAIN	757+70	TO	759+80	210	12.0	280.0	189.0	19.6	23.5	210	43.1
NBIL3 RT S. MAIN	759+80	TO	761+80	200	6.0	133.3	90.0	9.3	11.2	200	20.5
SBIL3 LT FRONTAGE	243+71	TO	245+56	185	6.0	123.3	83.3	8.6	10.4	185	19.0
SBIL3 LT FRONTAGE	245+56	TO	247+86	230	12.0	306.7	207.0	21.5	25.8	230	47.3
FRONTAGE	247+86	TO	248+75	89	40.0	395.6	267.0	27.7	33.2	267	60.9
SBIL3 OFF RAMP 3, RTE 158	250+67	TO	253+86	319	8.0	283.6	191.4	19.8	23.8	319	43.6
SBIL3 OFF RAMP 3, RTE 158	253+86	TO	257+71	385	16.0	684.4	462.0	47.9	57.5	480	105.4
RAMP 1, RTE 158 ON NBIL3	252+13	TO	263+34	1121	11.0	1370.1	924.8	95.9	115.1	1121	211.0
RAMP 1, RTE 158 ON NBIL3	263+34	TO	264+54	120	16.0	213.3	144.0	14.9	17.9	354	32.8
RAMP 4, RTE 158 ON SBIL3	266+46	TO	269+42	296	16.0	526.2	355.2	36.8	44.2	354	81.0
RAMP 4, RTE 158 ON SBIL3	269+42	TO	280+42	1100	11.0	1344.4	907.5	94.1	112.9	1100	207.0
NBIL3 OFF RAMP 2, RTE 158	277+38	TO	280+98	360	16.0	640.0	432.0	44.8	53.8	590	98.6
NBIL3 OFF RAMP 2, RTE 158	280+98	TO	284+35	337	9.0	337.0	227.5	23.6	28.3	337	51.9
HILL CASTLE RD. & HILL CASTLE LN.	286+66	TO	287+61	95	40.0	422.2	285.0	29.6	35.5	285	65.1
SUBTOTAL 2 OF 2						13638.6	9206.4	954.6	1145.6	12033.0	2100.2
TOTAL						154863	104533	10841	13009	68078	23849

<sup>1</sup> SEE SHOULDER SCHEDULE FOR ADDITIONAL QUANTITIES  
<sup>2</sup> SEE SHOULDER SCHEDULE FOR ADDITIONAL QUANTITIES

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USER NAME = coxnd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b> <b>MAIN LINE RESURFACING</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -					312	(65-1,66-1,67-1)RS-1	MONROE	64	17
PLOT DATE = 3/23/2022	CHECKED -	REVISED -		SCALE:			CONTRACT NO. 76M80				
	DATE -	REVISED -		SHEET 2 OF 2 SHEETS			ILLINOIS FED. AID PROJECT				

**SHOULDER SCHEDULE**

LOCATION	SHOULDER LENGTH			AVERAGE SHOULDER WIDTH	HMA SURFACE REMOVAL 2.75" <sup>1</sup>	BITUMINOUS MATERIALS (TACK COAT) <sup>2</sup>	HMA SHOULDERS	HMA SHOULDERS 8" <sup>2</sup>	EXCAVATING AND GRADING EXISTING SHOULDERS	AGGREGATE WEDGE SHOULDERS, TYPE B	SHOULDER RUMBLE STRIPS, 8 INCH <sup>3</sup>	SHOULDER RUMBLE STRIPS, 16 INCH <sup>3</sup>	
	STA	TO	STA	(FT)	(SQ YD)	(POUND)	(TONS)	(SQ YD)	(UNIT)	(TON)	(FT)	(FT)	
SB IL3:													
RDWY B RT	547+94	TO	578+54	3060	10.0	3400.0	2295.0	523.6		77.9		3060	
RDWY B RT WEDGE	578+54	TO	580+79	225	20.0	500.0	337.5	77.0		5.7			
RDWY F RT	578+54	TO	581+98	344	10.0	382.2	258.0	58.9		8.8		344	
RDWY B RT	581+98	TO	588+50	652	10.0	724.4	489.0	111.6		16.6		652	
RAMP 2 RT	0+00	TO	1+10	110	8.0	97.8	66.0	15.1		2.8			
RAMP 2 RT	1+10	TO	15+78	1468	6.0	978.7	660.6	150.7		37.4			
RAMP 2 LT	6+26	TO	15+58	932	4.0	414.2	279.6	63.8		23.7			
RDWY B RT	591+38	TO	592+79	141	4.0	62.7	42.3	9.7		3.6			
SB IL3 RT	592+79	TO	594+76	197	12.0	262.7	177.3	40.5		5.0			
SB IL3 RT	594+76	TO	603+45	869	10.0	965.6	651.8	148.7		22.1		869	
BRIDGE OMISSION													
RAMP 3 RT	0+27	TO	2+37	210	4.0	93.3	63.0	14.4		5.3			
RAMP 3 LT	0+53	TO	2+44	191	4.0	84.9	57.3	13.1		4.9			
BRIDGE OMISSION													
RAMP 3 RT	3+41	TO	11+30	789	6.0	526.0	355.1	81.0		20.1			
RAMP 3 LT	3+49	TO	10+03	654	4.0	290.7	196.2	44.8		16.7			
SB IL3 RT	607+72	TO	613+19	547	10.0	607.8	410.3	93.6		13.9		547	
SB IL3 RT WEDGE	613+19	TO	614+46	127	11.5	162.3	109.6	25.0		3.2			
SB IL3 RT	614+46	TO	622+52	806	6.0	537.3	362.7	82.7		20.5	645		
SB IL3 RT	622+52	TO	625+13	261	8.0	232.0	156.6	35.7		6.6	209		
SB IL3 RT	625+13	TO	625+88	75	18.0	150.0	101.3	23.1		1.9			
SB IL3 RT	625+88	TO	631+61	573	10.0	636.7	429.8	98.1		8.1	48		
SB IL3 RT	633+00	TO	642+97	997	10.0	1107.8	747.8	170.6		25.4			
SB IL3 RT	644+01	TO	659+00	1499	10.0	1665.6	1124.3	256.5		38.2			
SB IL3 RT	659+00	TO	660+60	160	7.0	124.4	84.0	19.2		4.1			
SB IL3 RT	660+60	TO	662+30	170	4.0	75.6	51.0	11.6		4.3			
SB IL3 RT	664+62	TO	673+69	907	10.0	1007.8	680.3	155.2		23.1			
SB IL3 RT	673+69	TO	675+79	210	6.0	140.0	94.5	21.6		5.3			
SB IL3 RT	675+79	TO	676+94	115	4.0	51.1	34.5	7.9		2.9			
SB IL3 RT	679+09	TO	686+80	771	10.0	856.7	578.3	131.9		19.6			
SB IL3 RT	686+80	TO	687+65	85	7.0	66.1	44.6	10.2		2.2			
SB IL3 RT	687+65	TO	690+01	236	4.0	104.9	70.8	16.2		6.0			
SB IL3 RT	692+42	TO	718+07	2560	10.0	2844.4	1920.0	438.0		65.2			
SB IL3 RT	718+95	TO	720+79	184	10.0	204.4	138.0	31.5		4.7			
SB IL3 RT	720+79	TO	724+04	325	9.0	325.0	219.4	50.1		8.3			
SB IL3 RT	724+04	TO	733+31	927	10.0	1030.0	695.3	158.6		23.6			
SB IL3 RT	734+23	TO	744+34	1011	10.0	1123.3	758.2	173.0		25.7			
SB IL3 RT	745+06	TO	750+00	494	10.0	548.9	370.5	84.5		12.6			
SB IL3 RT	750+00	TO	750+68	68	9.5	71.8	48.5	11.1		1.7			
SB IL3 RT	750+68	TO	756+15	547	9.0	547.0	369.2	84.2		13.9			
SB IL3 RT	758+31	TO	758+92	61	10.0	67.8	45.8	10.4		1.6			
SB IL3 RT	758+92	TO	765+45	653	9.0	653.0	440.8	100.6		16.6			
SB IL3 RT	765+45	TO	767+67	222	10.0	246.7	166.5	38.0		5.7			
SB IL3 RT	243+28	TO	248+36	508	10.0	564.4	381.0	86.9		12.9			
SB IL3 RT	248+36	TO	257+71	935	10.0	1038.9	701.3	160.0		21.6		760	
SB IL3 RT WEDGE	253+86	TO	257+71	385	10.0	427.8	288.8	65.9		9.8			
SB IL3 RT	257+71	TO	266+46	875	10.0	972.2	656.2	149.7		22.3		875	
SB IL3 RT WEDGE	266+46	TO	269+42	296	13.0	427.6	288.6	65.9		7.5			
SB IL3 RT	266+46	TO	270+23	377	10.0	418.9	282.8	64.5		9.6		377	
SUBTOTAL 1 OF 4						27821.4	18780.0	4284.9	0.0	0.0	699.2	902.0	7484.0

<sup>1</sup> SEE MAINLINE RESURFACING SCHEDULE FOR ADDITIONAL QUANTITIES

<sup>2</sup> TWO APPLICATIONS OF BITUMINOUS MATERIALS (TACK COAT) WERE ASSUMED FOR HMA SHOULDERS 8" BETWEEN LIFTS OF HMA

<sup>3</sup> INCLUDES SIDEROAD OMISSIONS. SEE SIDEROAD DETAIL FOR LOCATIONS

MODEL: Default  
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USER NAME = coxnd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES SHOULDERS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	312					(65-1,66-1,67-1)RS-1	MONROE	64	18	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 76M80				
PLOT DATE = 3/23/2022	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

**SHOULDER SCHEDULE (CONTINUED)**

LOCATION			SHOULDER LENGTH	AVERAGE SHOULDER WIDTH	HMA SURFACE REMOVAL 2.75" <sup>1</sup>	BITUMINOUS MATERIALS (TACK COAT) <sup>2</sup>	HMA SHOULDERS	HMA SHOULDERS 8" <sup>2</sup>	EXCAVATING AND GRADING EXISTING SHOULDERS	AGGREGATE WEDGE SHOULDERS, TYPE B	SHOULDER RUMBLE STRIPS, 8 INCH <sup>3</sup>	SHOULDER RUMBLE STRIPS, 16 INCH <sup>3</sup>	
STA	TO	STA		(FT)	(SQ YD)	(POUND)	(TONS)	(SQ YD)	(UNIT)	(TON)	(FT)	(FT)	
SB IL3:													
SB IL3 RT	270+23	TO	272+33	210	9.0	210.0	141.8	32.3		5.3		210	
SB IL3 RT	272+33	TO	286+07	1374	10.0	1526.7	1030.5	235.1		35.0		1374	
SB IL3 RT	288+13	TO	303+65	1552	10.0	1724.4	1164.0	265.6		39.5		1552	
RDWY B LT													
RDWY B LT	547+94	TO	577+34	2940	6.0	1960.0	1323.0	301.8		74.9		2940	
RDWY B LT	577+34	TO	578+54	120	5.0	66.7	45.0	10.3		3.1		120	
RDWY B LT	578+54	TO	592+79	1425	4.0	633.3	427.5	97.5		36.3		1425	
SB IL 3 LT	592+79	TO	603+62	1083	4.0	482.7	325.8	74.3		27.6		1083	
BRIDGE OMISSION													
SB IL 3 LT	607+89	TO	614+46	657	4.0	294.8	199.0	45.4		16.7		657	
SB IL 3 LT	614+46	TO	632+50	1804	4.0	801.8	541.2	123.5		38.3	962		
SB IL 3 LT	633+46	TO	643+21	975	4.0	433.3	292.5	66.7		24.8			
SB IL 3 LT	643+73	TO	663+13	1940	4.0	862.2	582.0	132.8		49.4			
SB IL 3 LT	663+90	TO	677+49	1359	4.0	604.0	407.7	93.0		34.6			
SB IL 3 LT	678+50	TO	690+77	1227	4.0	545.3	368.1	84.0		31.2			
SB IL 3 LT	691+60	TO	717+88	2628	4.0	1168.0	788.4	179.9		66.9			
SB IL 3 LT	718+82	TO	733+42	1460	4.0	648.9	438.0	99.9		37.2			
SB IL 3 LT	734+13	TO	744+16	1003	4.0	445.8	300.9	68.7		25.5			
SB IL 3 LT	744+88	TO	756+34	1146	4.0	509.3	343.8	78.4		29.2			
SB IL 3 LT	757+58	TO	767+67	1009	4.0	448.4	302.7	69.1		25.7			
SB IL 3 LT	243+28	TO	248+04	476	4.0	211.6	142.8	32.6		12.1			
SB IL 3 LT	248+50	TO	259+67	1117	4.0	496.4	335.1	76.4		26.4		956	
SB IL 3 LT	259+67	TO	275+98	1631	10.0	1812.2	1223.2	279.1		41.5		1631	
SB IL 3 LT	275+98	TO	281+79	581	4.0	258.2	174.3	39.8		14.8		581	
SB IL 3 LT	281+79	TO	286+07	428	10.0	475.6	321.0	73.2		10.9		428	
SB IL 3 LT	286+07	TO	286+66	59	10.0	65.6	88.6	10.1	30	0.5	1.1	29	
SB IL 3 LT	287+56	TO	288+20	64	10.0	71.1	96.0	10.9	33	0.5	1.2	34	
SB IL 3 LT	288+20	TO	299+04	1084	10.0	1204.4	813.0	185.5		27.6		1084	
SB IL 3 LT	299+04	TO	303+65	461	4.0	204.9	138.3	31.6		11.7		461	
NB IL3:													
RDWY C RT	549+58	TO	576+39	2681	6.0	1787.3	1206.4	275.2		68.3		2681	
RDWY C RT WEDGE	576+39	TO	578+28	189	15.0	315.0	212.6	48.5					
RDWY E RT	576+39	TO	581+63	524	6.0	349.3	235.8	53.8		13.3		524	
RDWY C RT	581+63	TO	587+66	603	6.0	402.0	271.4	61.9		15.4		603	
RDWY C RT	587+66	TO	588+86	120	5.0	66.7	45.0	10.3		3.1		120	
RDWY C RT	588+86	TO	592+79	393	4.0	174.7	117.9	26.9		10.0		393	
NB IL3 RT	592+79	TO	598+64	585	4.0	260.0	175.5	40.0		14.9		585	
NB IL3 RT	598+64	TO	599+84	120	7.0	93.3	63.0	14.4		3.1		120	
NB IL3 RT	599+84	TO	603+73	389	10.0	432.2	291.7	66.6		9.9		389	
BRIDGE OMISSION													
NB IL3 RT	607+95	TO	609+25	130	5.5	79.4	53.6	12.2		3.3		130	
NB IL3 RT	609+25	TO	616+29	704	4.0	312.9	211.2	48.2		17.9		704	
NB IL3 RT	616+29	TO	632+50	1621	4.0	720.4	486.3	110.9		35.9	961		
NB IL3 RT	633+45	TO	643+21	976	4.0	433.8	292.8	66.8		24.9			
NB IL3 RT	643+69	TO	653+90	1021	4.0	453.8	306.3	69.9		26.0			
NB IL3 RT	653+90	TO	654+65	75	12.0	100.0	67.5	15.4		1.9			
NB IL3 RT	654+65	TO	663+17	852	4.0	378.7	255.6	58.3		21.7			
NB IL3 RT	663+90	TO	677+46	1356	4.0	602.7	406.8	92.8		34.5			
SUBTOTAL 2 OF 4						25127.8	17053.6	3869.6	63.2	1.0	1052.6	1923.0	20814.0

<sup>1</sup> SEE MAINLINE RESURFACING SCHEDULE FOR ADDITIONAL QUANTITIES

<sup>2</sup> TWO APPLICATIONS OF BITUMINOUS MATERIALS (TACK COAT) WERE ASSUMED FOR HMA SHOULDERS 8" BETWEEN LIFTS OF HMA

<sup>3</sup> INCLUDES SIDEROAD OMISSIONS. SEE SIDEROAD DETAIL FOR LOCATIONS

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USER NAME = coxnd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES SHOULDERS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	312					(65-1,66-1,67-1)RS-1	MONROE	64	19	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 76M80				
PLOT DATE = 3/23/2022	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

**SHOULDER SCHEDULE (CONTINUED)**

LOCATION	STA	TO	STA	SHOULDER LENGTH	AVERAGE SHOULDER WIDTH (FT)	HMA SURFACE REMOVAL 2.75" <sup>1</sup> (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) <sup>2</sup> (POUND)	HMA SHOULDERS (TONS)	HMA SHOULDERS 8" <sup>2</sup> (SQ YD)	EXCAVATING AND GRADING EXISTING SHOULDERS (UNIT)	AGGREGATE WEDGE SHOULDERS, TYPE B (TON)	SHOULDER RUMBLE STRIPS, 8 INCH <sup>3</sup> (FT)	SHOULDER RUMBLE STRIPS, 16 INCH <sup>3</sup> (FT)
NB IL3:													
NB IL3 RT	678+55	TO	690+81	1226	4.0	544.9	367.8	83.9			31.2		
NB IL3 RT	691+58	TO	717+88	2630	4.0	1168.9	789.0	180.0			67.0		
NB IL3 RT	718+78	TO	733+45	1467	4.0	652.0	440.1	100.4			37.4		
NB IL3 RT	734+10	TO	744+17	1007	4.0	447.6	302.1	68.9			25.6		
NB IL3 RT	744+87	TO	756+32	1145	4.0	508.9	343.5	78.4			29.2		
NB IL3 RT	757+55	TO	762+33	478	4.0	212.4	143.4	32.7			12.2		
NB IL3 RT	237+94	TO	248+06	1012	4.0	449.8	303.6	69.3			17.9	317	
NB IL3 RT	248+62	TO	259+67	1105	4.0	491.1	331.5	75.6			28.1		1105
NB IL3 RT	259+67	TO	275+98	1631	10.0	1812.2	1223.2	279.1			41.5		1631
NB IL3 RT	275+98	TO	282+85	687	4.0	305.3	206.1	47.0			17.5		687
NB IL3 RT	282+85	TO	286+07	322	10.0	357.8	241.5	55.1			8.2		322
NB IL3 RT	286+07	TO	286+71	64	10.0	71.1	96.0	10.9	33	0.5	1.2		34
NB IL3 RT	287+61	TO	288+20	59	10.0	65.6	88.6	10.1	30	0.5	1.1		29
NB IL3 RT	288+20	TO	299+66	1146	10.0	1273.3	859.5	196.1			29.2		1146
NB IL3 RT	299+66	TO	303+65	399	4.0	177.3	119.7	27.3			10.2		399
RDWY C LT													
RDWY C LT	549+58	TO	586+23	3665	10.0	4072.2	2748.7	627.1			93.3		3665
RAMP 1 RT													
RAMP 1 RT	0+50	TO	19+25	1875	6.0	1250.0	843.8	192.5			47.7		
RAMP 1 RT	19+25	TO	20+45	120	7.0	93.3	63.0	14.4			3.1		
RAMP 1 LT													
RAMP 1 LT	0+90	TO	8+95	805	4.0	357.8	241.5	55.1			20.5		
NB IL 3 LT WEDGE													
NB IL 3 LT WEDGE	595+70	TO	597+75	205	7.5	170.8	115.3	26.3					
NB IL 3 LT	597+75	TO	604+05	630	10.0	700.0	472.5	107.8			16.0		630
BRIDGE OMISSION													
NB IL 3 LT	608+22	TO	616+32	810	10.0	900.0	607.5	138.6			20.6		810
NB IL 3 LT WEDGE	616+32	TO	621+04	472	10.0	524.4	354.0	80.8					
RAMP 4 LT													
RAMP 4 LT	6+53	TO	14+49	796	4.0	353.8	238.8	54.5			20.3		
RAMP 4 RT													
RAMP 4 RT	1+81	TO	14+42	1261	4.0	560.4	378.3	86.3			32.1		
NB IL 3 LT	621+04	TO	632+82	1178	4.0	523.6	353.4	80.6			24.2	581	
NB IL 3 LT WEDGE	632+21	TO	633+10	89	3.6	96.0	64.8	14.8					
NB IL 3 LT	633+99	TO	643+02	903	10.0	1003.3	677.2	154.5			23.0		
NB IL 3 LT	644+00	TO	662+92	1892	10.0	2102.2	1419.0	323.7			48.2		
NB IL 3 LT	664+10	TO	665+92	182	3.0	60.7	41.0	9.3			4.6		
NB IL 3 LT	665+92	TO	667+12	170	4.0	53.3	36.0	8.2			3.1		
NB IL 3 LT	667+12	TO	668+47	135	7.5	112.5	75.9	17.3			3.4		
NB IL 3 LT	668+47	TO	677+09	862	10.0	957.8	646.5	147.5			21.9		
NB IL 3 LT	679+38	TO	681+00	162	2.0	36.0	24.3	5.5			4.1		
NB IL 3 LT	681+00	TO	683+95	295	6.0	196.7	132.8	30.3			7.5		
NB IL 3 LT	683+95	TO	690+75	680	10.0	755.6	510.0	116.4			17.0		
NB IL 3 LT	692+20	TO	717+20	2500	10.0	2777.8	1875.0	427.8			63.6		
NB IL 3 LT	718+74	TO	755+68	3694	10.0	4104.4	2770.5	632.1			94.1		
NB IL 3 LT	757+70	TO	760+70	300	4.0	133.3	90.0	20.5			7.6		
NB IL 3 LT	760+70	TO	761+80	110	7.0	85.6	57.8	13.2			2.8		
NB IL 3 LT	761+80	TO	762+33	53	8.5	50.1	33.8	7.7			1.3		
NB IL 3 LT	237+94	TO	240+18	224	10.0	248.9	168.0	38.3			5.7		
NB IL 3 LT	240+18	TO	240+84	66	18.0	132.0	89.1	20.3			1.7		
NB IL 3 LT	240+84	TO	247+58	674	10.0	748.9	505.5	115.3			13.0	278	
NB IL 3 LT	249+13	TO	252+13	300	10.0	333.3	225.0	51.3			7.6		300
NB IL 3 LT	252+13	TO	254+11	198	9.5	209.0	141.1	32.2			5.0		198
NB IL 3 LT	254+11	TO	264+54	1043	8.0	927.1	625.8	142.8			26.6		1043
SUBTOTAL 3 OF 4						33169.0	22481.5	5107.8	63.2	1.0	997.1	1176.0	11999.0

<sup>1</sup> SEE MAINLINE RESURFACING SCHEDULE FOR ADDITIONAL QUANTITIES

<sup>2</sup> TWO APPLICATIONS OF BITUMINOUS MATERIALS (TACK COAT) WERE ASSUMED FOR HMA SHOULDERS 8" BETWEEN LIFTS OF HMA

<sup>3</sup> INCLUDES SIDEROAD OMISSIONS. SEE SIDEROAD DETAIL FOR LOCATIONS

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USER NAME = coxnd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES SHOULDERS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	312				(65-1,66-1,67-1)RS-1	MONROE	64	20	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.		CONTRACT NO. 76M80				
PLOT DATE = 3/23/2022	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

SHOULDER SCHEDULE (CONTINUED)													
LOCATION			SHOULDER LENGTH	AVERAGE SHOULDER WIDTH	HMA SURFACE REMOVAL 2.75" <sup>1</sup>	BITUMINOUS MATERIALS (TACK COAT) <sup>2</sup>	HMA SHOULDERS	HMA SHOULDERS 8" <sup>2</sup>	EXCAVATING AND GRADING EXISTING SHOULDERS	AGGREGATE WEDGE SHOULDERS, TYPE B	SHOULDER RUMBLE STRIPS, 8 INCH <sup>3</sup>	SHOULDER RUMBLE STRIPS, 16 INCH <sup>3</sup>	
STA	TO	STA		(FT)	(SQ YD)	(POUND)	(TONS)	(SQ YD)	(UNIT)	(TON)	(FT)	(FT)	
NB IL3:													
NB IL 3 LT WEDGE	263+34	TO	264+54	120	8.0	106.7	72.0	16.4					
NB IL 3 LT	264+54	TO	271+53	699	10.0	776.7	524.3	119.6		17.8		699	
NB IL 3 LT	271+53	TO	273+39	186	8.0	165.3	111.6	25.5		4.7		186	
NB IL 3 LT	273+39	TO	277+38	399	10.0	443.3	299.2	68.3		10.2		399	
NB IL 3 LT WEDGE	277+38	TO	280+98	360	11.0	440.0	297.0	67.8					
NB IL 3 LT	277+38	TO	279+22	184	8.0	163.6	110.4	25.2		4.7		184	
NB IL 3 LT	279+22	TO	284+35	513	9.0	513.0	346.3	79.0		13.1		513	
NB IL 3 LT	284+35	TO	286+19	184	10.0	204.4	138.0	31.5		4.7		184	
NB IL 3 LT	287+90	TO	303+65	1575	10.0	1750.0	1181.3	269.5		40.1		1575	
SUBTOTAL 4 OF 4						4563.0	3080.1	702.8	0.0	0.0	95.3	0.0	3740.0
TOTAL						90681	61395	13965	126	2	2844	4001	44037

<sup>1</sup> SEE MAINLINE RESURFACING SCHEDULE FOR ADDITIONAL QUANTITIES

<sup>2</sup> TWO APPLICATIONS OF BITUMINOUS MATERIALS (TACK COAT) WERE ASSUMED FOR HMA SHOULDERS 8" BETWEEN LIFTS OF HMA

<sup>3</sup> INCLUDES SIDEROAD OMISSIONS. SEE SIDEROAD DETAIL FOR LOCATIONS

ADA IMPROVEMENTS SCHEDULE																	
LOCATION		CONC MEDIAN SURF REM	CURB REM	COMB CURB GUTTER REM	SIDEWALK REM	SIDEWALK REM SPL	PC CONC SIDEWALK <sup>4</sup>	DETECTABLE WARNINGS	CONC CURB TB	COMB CC&G TB6.24	COMB CC&G TM6.06	CONC MEDIAN SURF <sup>4</sup>	CURB REFLECTORS		PAINT PAVEMENT MARKING - RAISED MEDIAN (WHITE)	PAINT PAVEMENT MARKING CURB	
STA	TO	(SQ FT)	(FT)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(FT)	(FT)	(FT)	(SQ FT)	ONE WAY (CRYSTAL) <sup>1</sup>	ONE WAY (AMBER) <sup>1</sup>	(SQ FT)	(WHITE)	(YELLOW)
SW CORNER VETERANS PKWY	SIDE ROAD EDGE			16	108.1		111.2	12.0		16							
SW CORNER VETERANS PKWY	ISLAND	109.0		26			61.3	24.0			26	50.9	14		4	44	
SE CORNER VETERANS PKWY	SIDE ROAD EDGE			9	139.5		186.0	12.0		9							
SW CORNER VALMEYER RD	SIDE ROAD EDGE			16	157.6		188.9	12.0		16							
SW CORNER VALMEYER RD	ISLAND	197.2		31			63.1	24.0		31		135.8	14		2	55	
SE CORNER EAGLE DR	ISLAND	132.2	24.0				67.0	24.0	24			64.7	15			85	
SE CORNER EAGLE DR	SIDE ROAD EDGE			15	69.4		86.5	10.0		15							
SW CORNER GALL RD	SIDE ROAD EDGE																
GALL RD/ S. MAIN ST	CENTER ISLAND	108.6		21			93.6	25.2		21				12			85
NW CORNER S. MAIN ST	ISLAND					27.8	27.8	18.9					13			82	
NW CORNER S. MAIN ST	SIDE ROAD EDGE				95.5		115.7	10.0									
SUBTOTAL		547.0	24.0	134.5	570.1	27.8	1001.2	172.1	24.0	108.5	26.0	251.4	56.0	12.0	6.0	266.0	85.0
TOTAL		547	24	134	570	28	1001	172	24	108	26	251	68		6	351	

NOTES: <sup>1</sup> CURB REFLECTORS SHALL BE MONODIRECTIONAL AND ORIENTED WITH THE REFLECTIVE FACE TOWARD APPROACHING TRAFFIC

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USER NAME = coxnd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
SHOULDERS /ADA

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	21
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	





CLASS A PAVEMENT PATCHING (SPECIAL) 9 INCH SCHEDULE										
LOCATION	LANE	LENGTH	LANE WIDTH	PATCH TYPE I	PATCH TYPE II	PATCH TYPE III	PATCH TYPE IV	PATCHING REINF.	TIE BARS 3/4"	SAW CUTS
STATION		(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)	(FT)
SOUTHBOUND IL 3										
548+80	1	12.0	12.0			16.0		16.0	24	62.0
548+80	2	12.0	12.0			16.0		16.0	24	62.0
571+90	1	93.0	12.0				124.0	124.0	54	305.0
573+14	1	42.0	12.0				56.0	56.0	37	152.0
572+99	2	24.0	12.0				32.0	32.0	31	98.0
573+55	2	24.0	12.0				32.0	32.0	31	98.0
574+06	2	67.0	12.0				89.3	89.3	46	227.0
574+73	2	54.0	12.0				72.0	72.0	41	188.0
575+33	2	25.0	12.0				33.3	33.3	32	101.0
575+43	1	64.0	7.0				49.8	49.8	35	208.0
575+54	2	9.0	12.0		12.0			12.0	24	53.0
576+59	2	73.0	12.0				97.3	97.3	48	245.0
577+14	1	52.0	5.0				28.9	28.9	27	168.0
577+91	2	60.0	8.5				56.7	56.7	36	199.0
578+79	2	50.0	12.0				66.7	66.7	40	176.0
581+86	1	23.0	16.0				40.9	40.9	39	103.0
254+51	2	10.0	12.0		13.3			13.3	24	56.0
256+96	2	10.0	12.0		13.3			13.3	24	56.0
271+51	2	10.0	12.0		13.3			13.3	24	56.0
273+81	2	10.0	12.0		13.3			13.3	24	56.0
NORTHBOUND IL 3										
554+77	1	6.0	12.0		8.0			8.0	24	44.0
578+03	2	20.0	12.0				26.7	26.7	30	86.0
602+68	1	24.0	12.0				32.0	32.0	31	98.0
602+68	2	24.0	12.0				32.0	32.0	24	98.0
RAMP 4, PALMER										
16+30	1	6.0	6.0	4.0				4.0	12	32.0
SUBTOTAL				4.0	73.3	32.0	869.6	978.9	786.0	3027.0
ANTICIPATED FAILURES (15%)				8.0	11.0	5.0	131.0	147.0	118.0	455.0
TOTAL				12	84	37	1001	1126	904	3482

NOTE: LANE 1 IS NEAREST OF CENTERLINE

PAVEMENT PATCHING 17 INCH SCHEDULE						
LOCATION	LANE	LENGTH	LANE WIDTH	PATCH TYPE II	PATCH TYPE III	PATCH TYPE IV
STATION		(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)
SOUTHBOUND IL 3						
582+08	1	20.0	14.0			31.1
582+08	2	20.0	14.0			31.1
620+10	2	16.0	20.0			35.6
ALLOWANCE				20.0	40.0	
SUBTOTAL				20.0	40.0	97.8
ANTICIPATED FAILURES (15%)				3.0	6.0	15.0
TOTAL				23	46	113

GRADING AND SHAPING DITCHES SCHEDULE					
LOCATION					GRADING AND SHAPING DITCHES
STA	TO	STA	OFFSET	(NB/SB)	(FOOT)
670+62	TO	674+62	78' L	NB	400
SUBTOTAL					400
TOTAL					400

GUARDRAIL SCHEDULE												
LOCATION		IN THE DIRECTION OF TRAVEL	GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL			TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A (WHITE)			
STA	TO	STA	NB/SB	LT/RT	FOOT	FOOT	TYPE 1 (SPECIAL) TANGENT	TYPE 1 (SPECIAL) FLARED	TYPE 2	EA	EA	EA
610+92.0	TO	611+42.0	NB	RT	50.0		1			1		2
610+65.0	TO	611+15.0	NB	LT	50.0			1		1		2
720+50.0	TO	724+00.0	SB	RT	350	287.5		1	1	1		5
750+00.0	TO	756+25.0	SB	RT	625	562.5		1	1	1		9
269+72.0	TO	272+17.0	SB	RT	245							
269+72.0	TO	272+59.5	SB	RT		225.0	1		1	1		4
ALLOWANCE												15 <sup>1</sup>
TOTAL					1320	1075	2	3	3	5		22

NOTES: <sup>1</sup> ALLOWANCE OF 15 FOR THOSE FOUND TO BE CURRENTLY MISSING/BROKEN ON THE PROJECT.

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PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 4/12/2022	DATE - _____	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
PAVEMENT PATCHING, GUARDRAIL, & GRADING AND SHAPING DITCHES

SCALE: \_\_\_\_\_ SHEET 1 OF 1 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	24
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	



SEEDING SCHEDULE											
LOCATION						SEEDING CLASS 1A	MULCH METHOD 2	NITROGEN FERTILIZER NUTRIENTS	PHOSPHORUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS	
STA	TO	STA	OFFSET	(NB/SB)	(FEET)	(WIDTH)	(ACRE)	(ACRE)	LB	LB	LB
670+62	TO	674+62	78' L	NB	400.0	25.0	0.23	0.23	20.7	20.7	20.7
286+07	TO	286+85	0	NB	78.0	20.0	0.04	0.04	3.2	3.2	3.2
287+56	TO	288+20	0	NB	64.0	20.0	0.03	0.03	2.6	2.6	2.6
SUBTOTAL							0.29	0.29	26.5	26.5	26.5
TOTAL							0.25	0.25	27	27	27

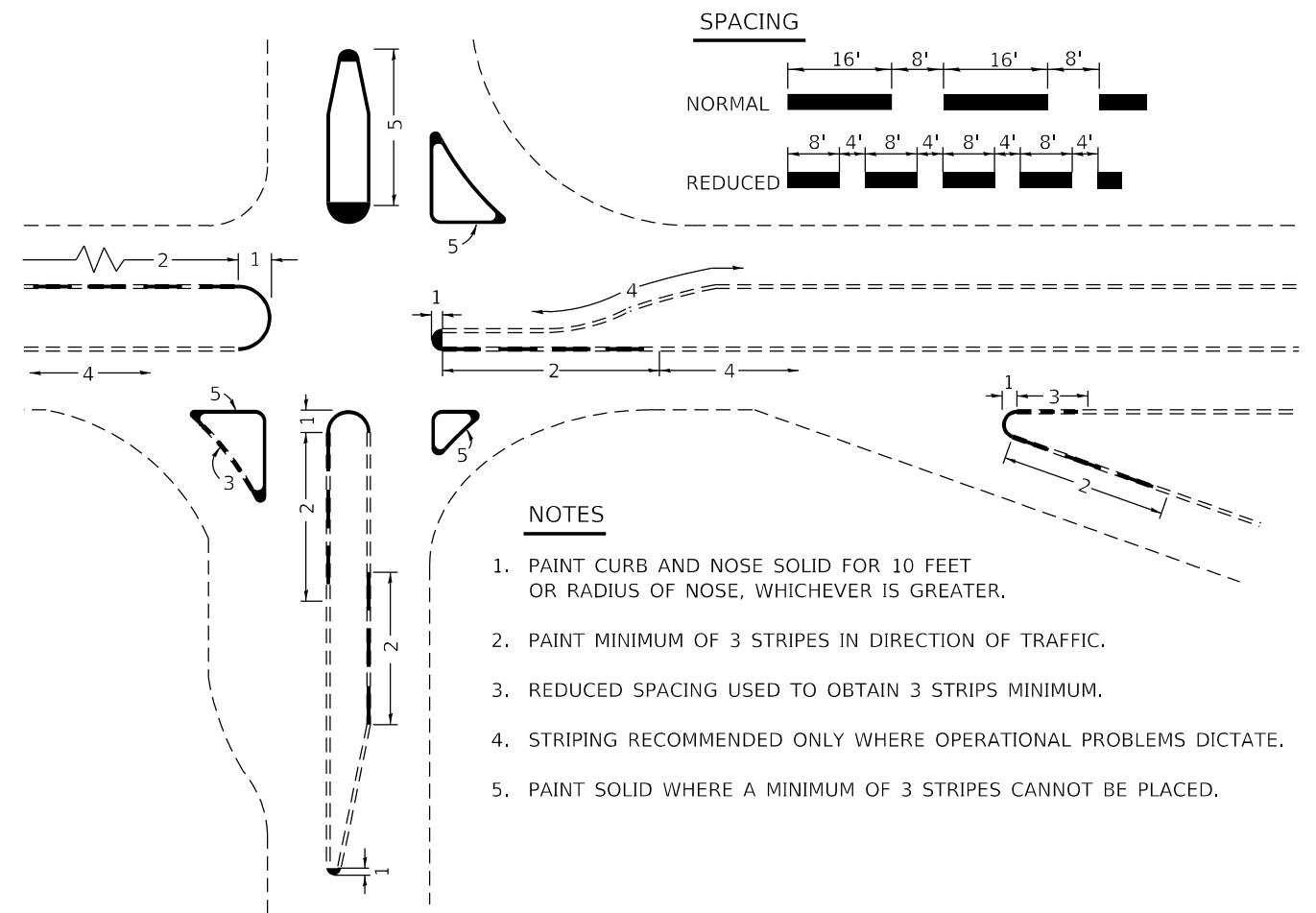
TEMPORARY RAMP SCHEDULE									
LOCATION		NAME	SIDEROAD (2 RAMPS)		2.75"		1.75"		TEMPORARY RAMP SQ YD
STA	SIDE		WIDTH (FT)	LENGTH (FT)	WIDTH (FT)	LENGTH (FT)	WIDTH (FT)	LENGTH (FT)	
0+80	LT & RT	PALMER RAMP 1			80	10	90	5	138.9
15+58	LT & RT	PALMER RAMP 2			65	10	65	5	108.3
0+53	LT & RT	PALMER RAMP 3			90	10	90	5	150
2+09	LT & RT	PALMER RAMP 3			16	10	16	5	26.7
3+81	LT & RT	PALMER RAMP 3			16	10	16	5	26.7
14+60	LT & RT	PALMER RAMP 4			22	10	22	5	36.7
581+98	RT	IL 3			24	10	24	5	40
603+22	RT	IL 3			24	10	24	5	40
608+14	RT	IL 3			24	10	24	5	40
608+40	LT	IL 3			24	10	24	5	40
632+99	RT	SAND BANK RD	152	2					67.6
632+99	LT	N MAIN ST	89	2					39.6
643+49	RT	WESTPARK DR	104	2					46.2
643+49	LT	WEDGEWOOD DR	98	2					43.6
663+50	RT	EDELWEISS DR / VET PKWY	232	2					103.1
663+50	LT	PARKVIEW DR / VET PKWY	118	2					52.4
677+94	RT	VALMEYER RD	215	2					95.6
677+94	LT	EAGLE DR	229	2					101.8
691+13	RT	ADMIRAL WEINEL BLVD	233	2					103.6
691+05	LT	W BOTTOM AVE	158	2					70.2
718+35	RT	S CARL ST (S)	93	2					41.3
718+35	LT	S CARL ST (N)	154	2					68.4
733+75	RT	MARK DR	92	2					40.9
744+52	RT	SOUTHWOODS DR	72	2					32
757+00	RT	GALL RD	216	2					96
757+00	LT	S. MAIN ST	202	2					89.8
248+36	LT	FRONTAGE RD	155	2					68.9
257+71	LT & RT	IL 158 RAMP 3			16	10	16	5	26.7
264+54	LT & RT	IL 158 RAMP 1			16	10	16	5	26.7
266+46	LT & RT	IL 158 RAMP 4			16	10	16	5	26.7
277+38	LT & RT	IL 158 RAMP 2			16	10	16	5	26.7
287+13	RT	HILL CASTLE RD	206	2					91.6
287+13	LT	HILL CASTLE LN	171	2					76
303+65	LT & RT	IL 3			48	10	48	5	80
SUBTOTAL									2162.7
TOTAL									2163

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	DRAWN -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	(65-1,66-1,67-1)RS-1	MONROE	64	25
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76M80							
PLOT DATE = 3/23/2022	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							







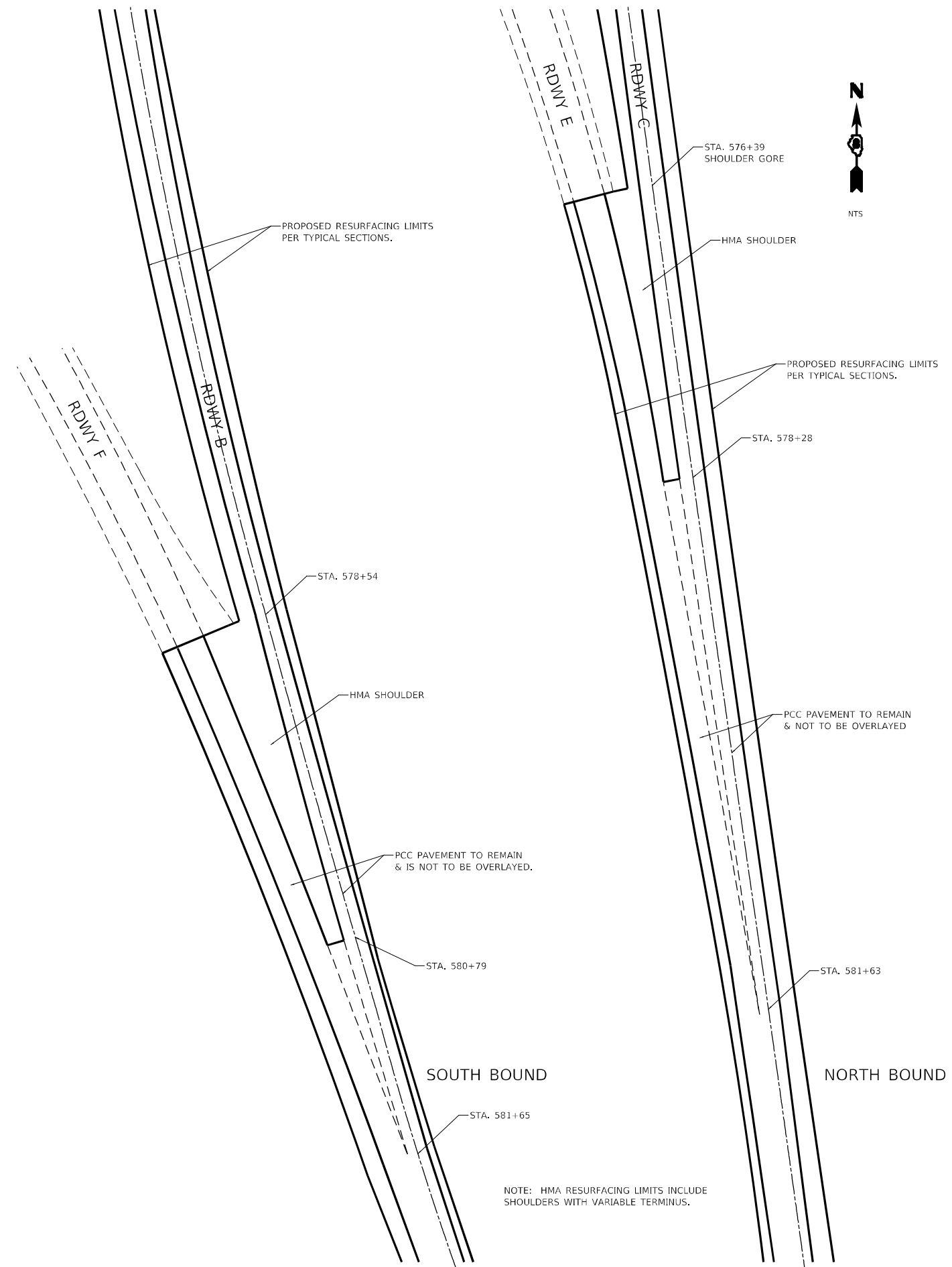
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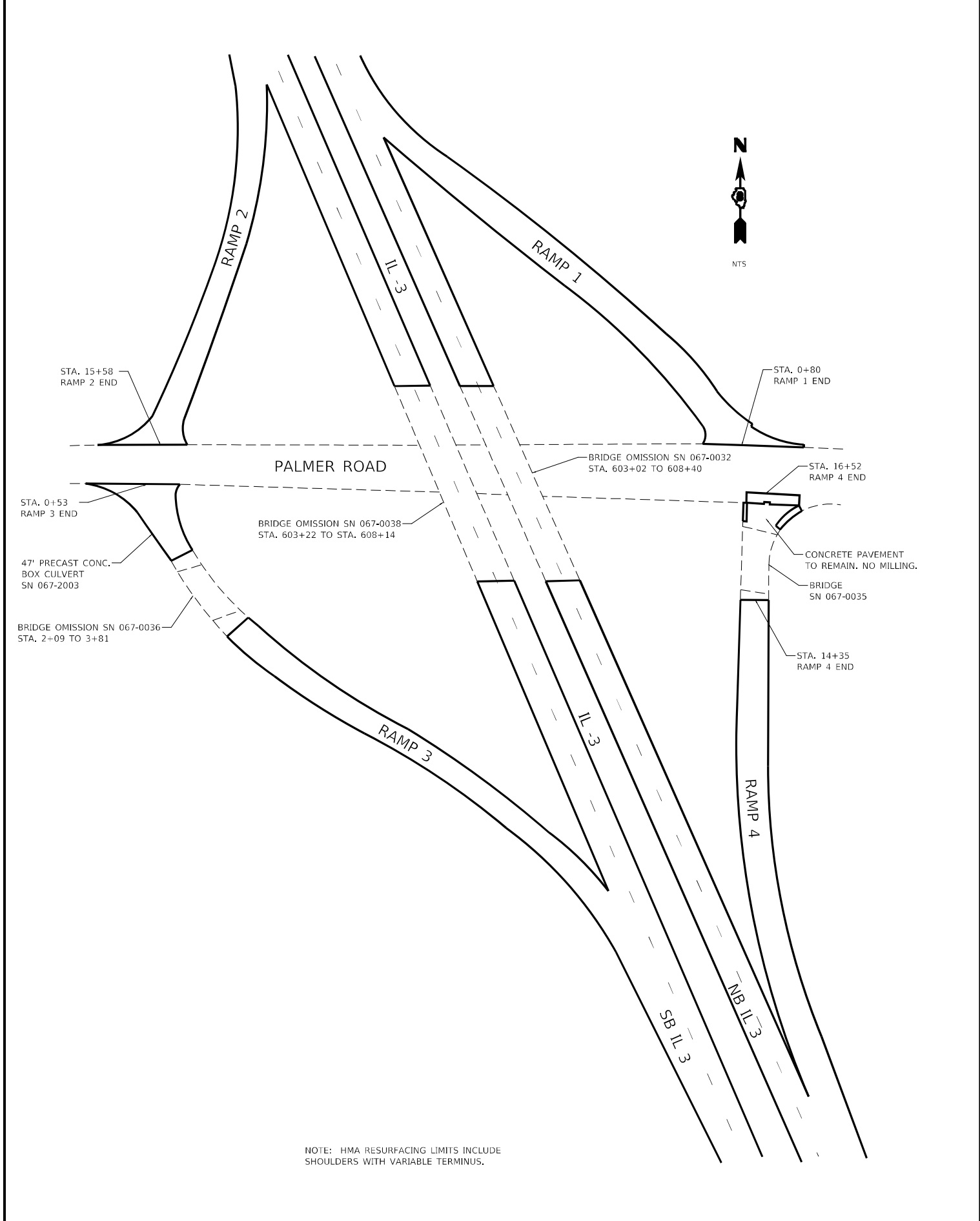
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PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -					312	(65-1,66-1,67-1)RS-1	MONROE	64	28
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	DATE -	REVISED -							ILLINOIS FED. AID PROJECT		



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NOTE: HMA RESURFACING LIMITS INCLUDE SHOULDERS WITH VARIABLE TERMINUS.



NOTE: HMA RESURFACING LIMITS INCLUDE SHOULDERS WITH VARIABLE TERMINUS.

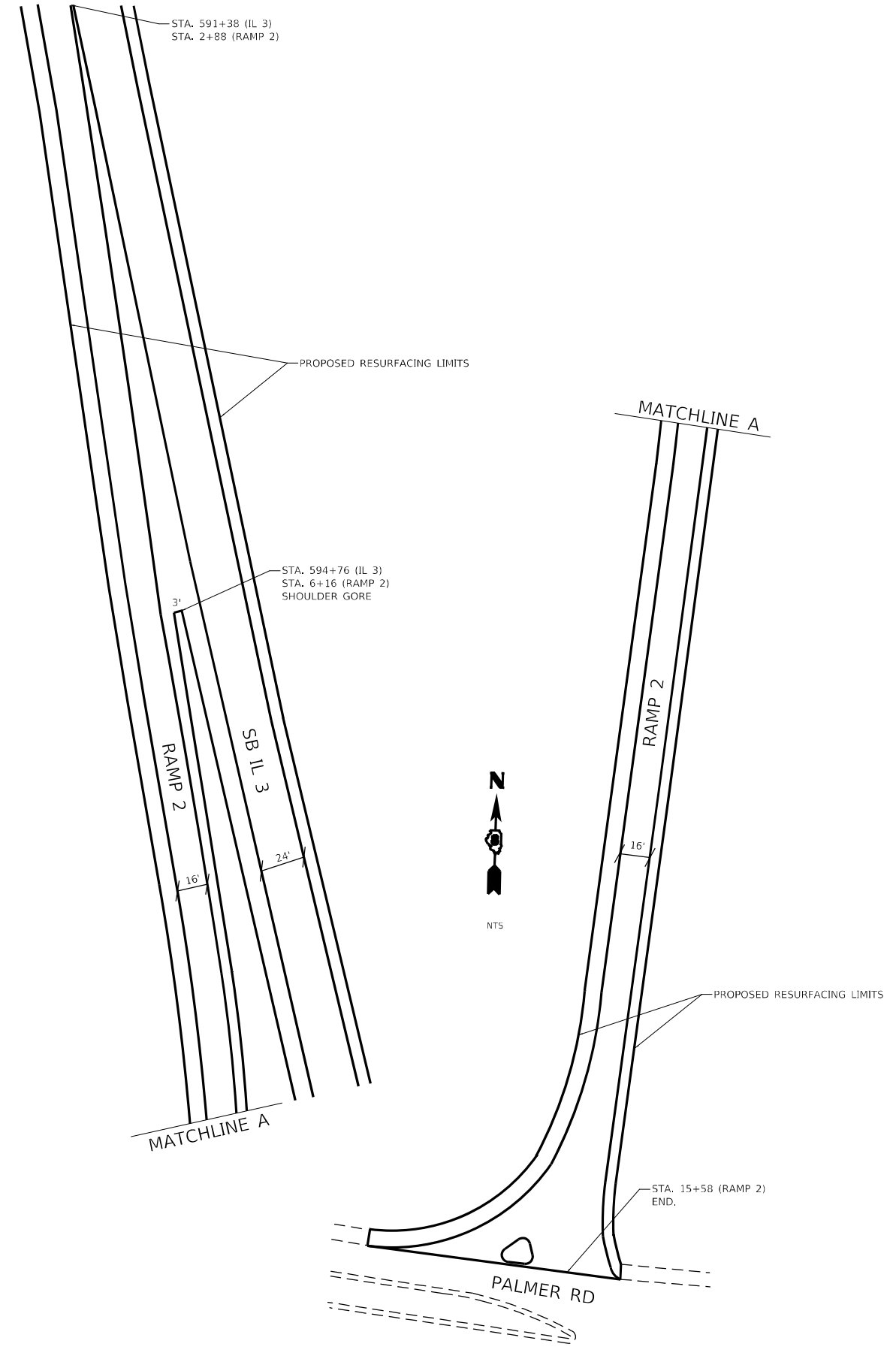
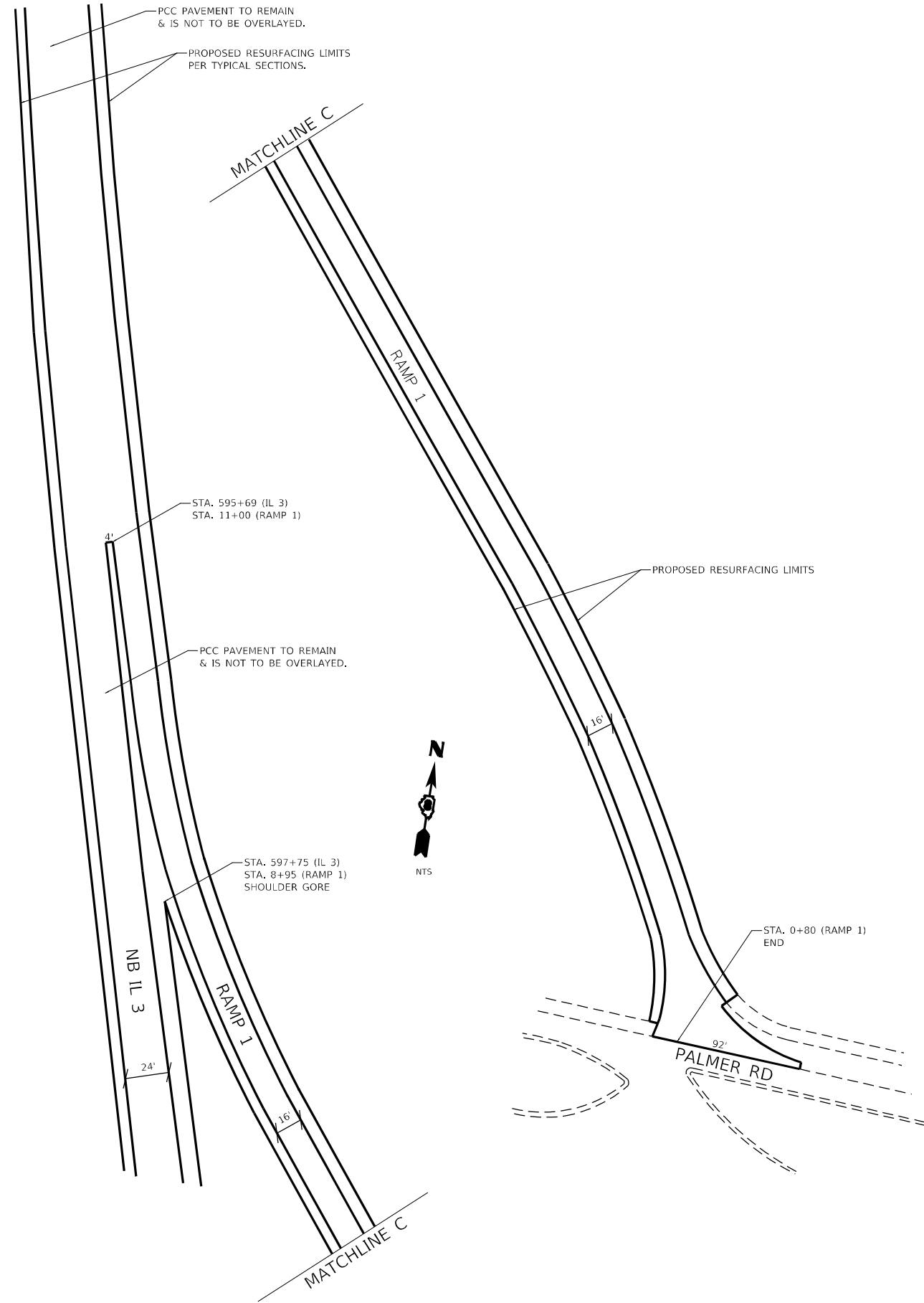
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY B, ROADWAY C &  
PALMER RD. INTERCHANGE RESURFACING DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M80	



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	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

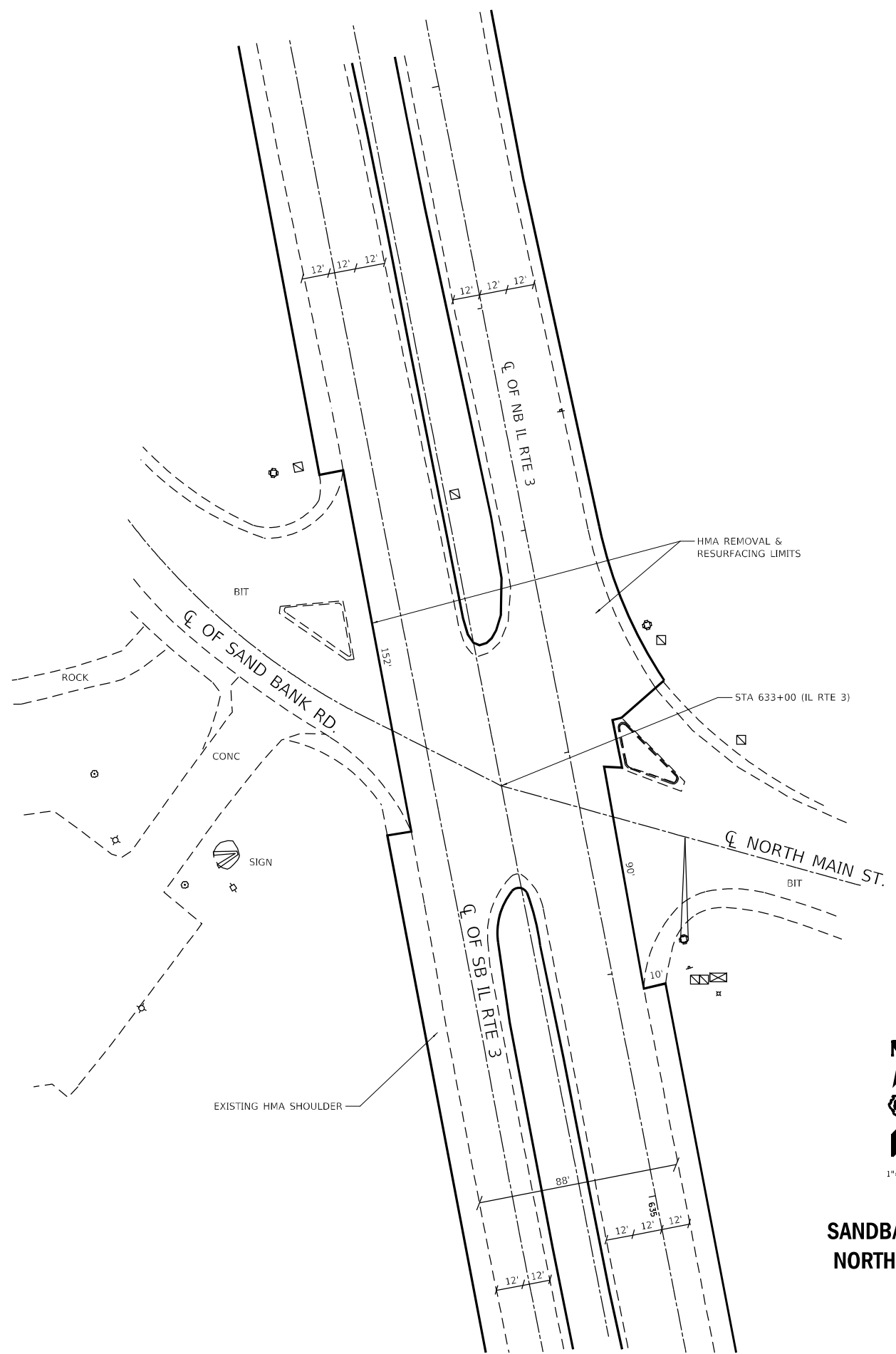
**PALMER RD. RAMPS 1 & 2 RESURFACING DETAILS**  
 SCALE: NTS    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	31
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	

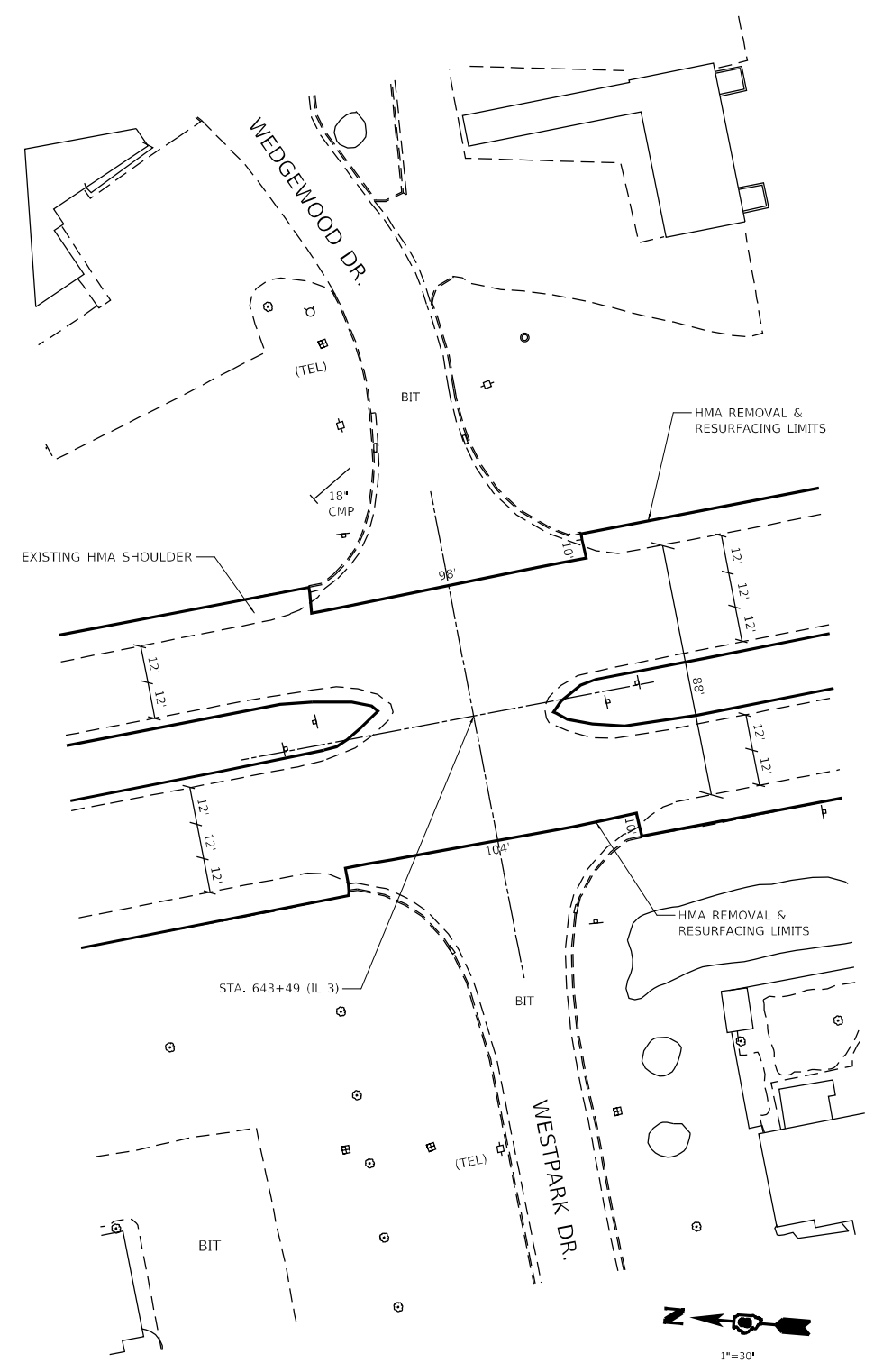




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 PLOT DATE: 3/23/2022



**SANDBANK RD. & NORTH MAIN ST.**



**WESTPARK DR. & WEDGEWOOD DR.**

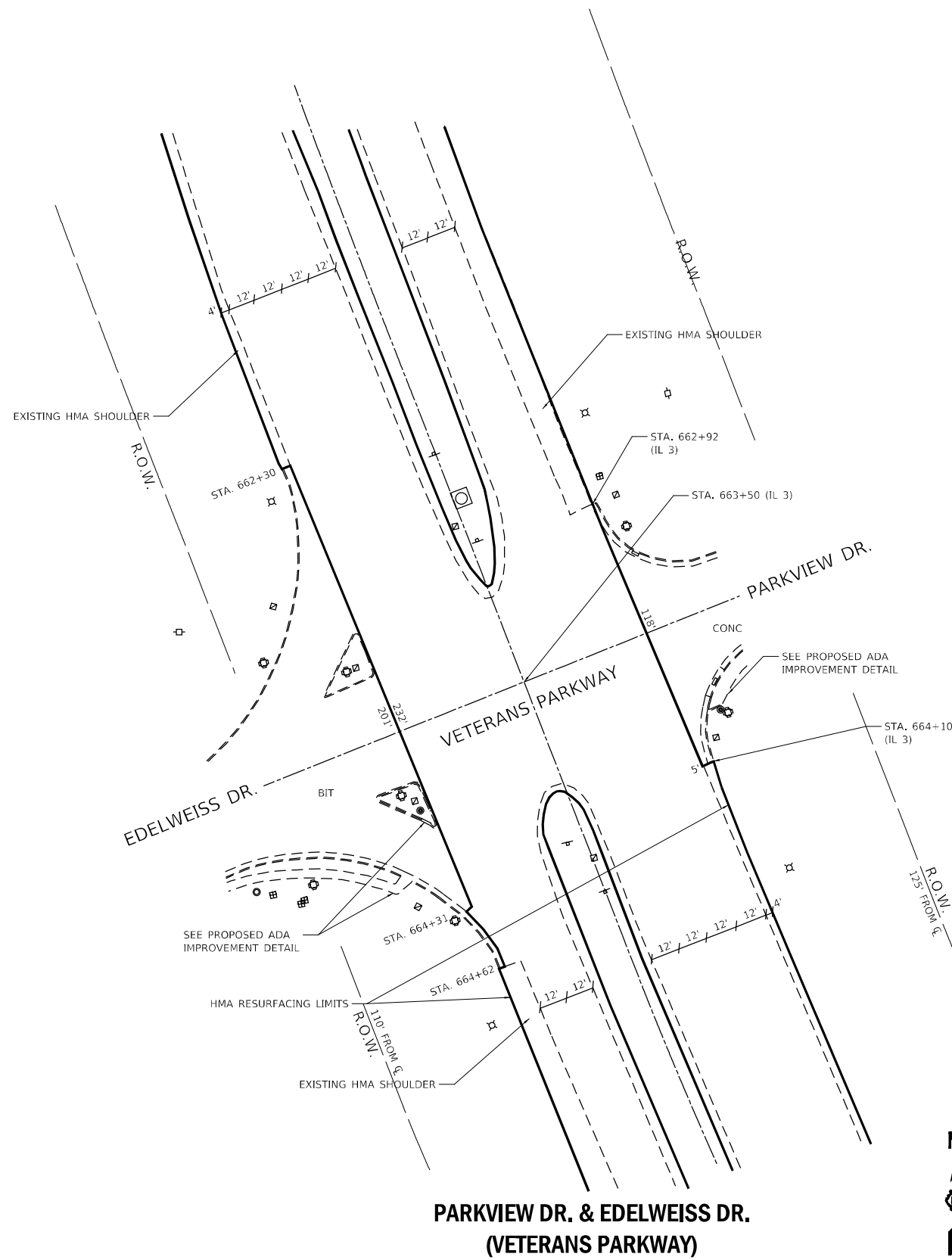
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

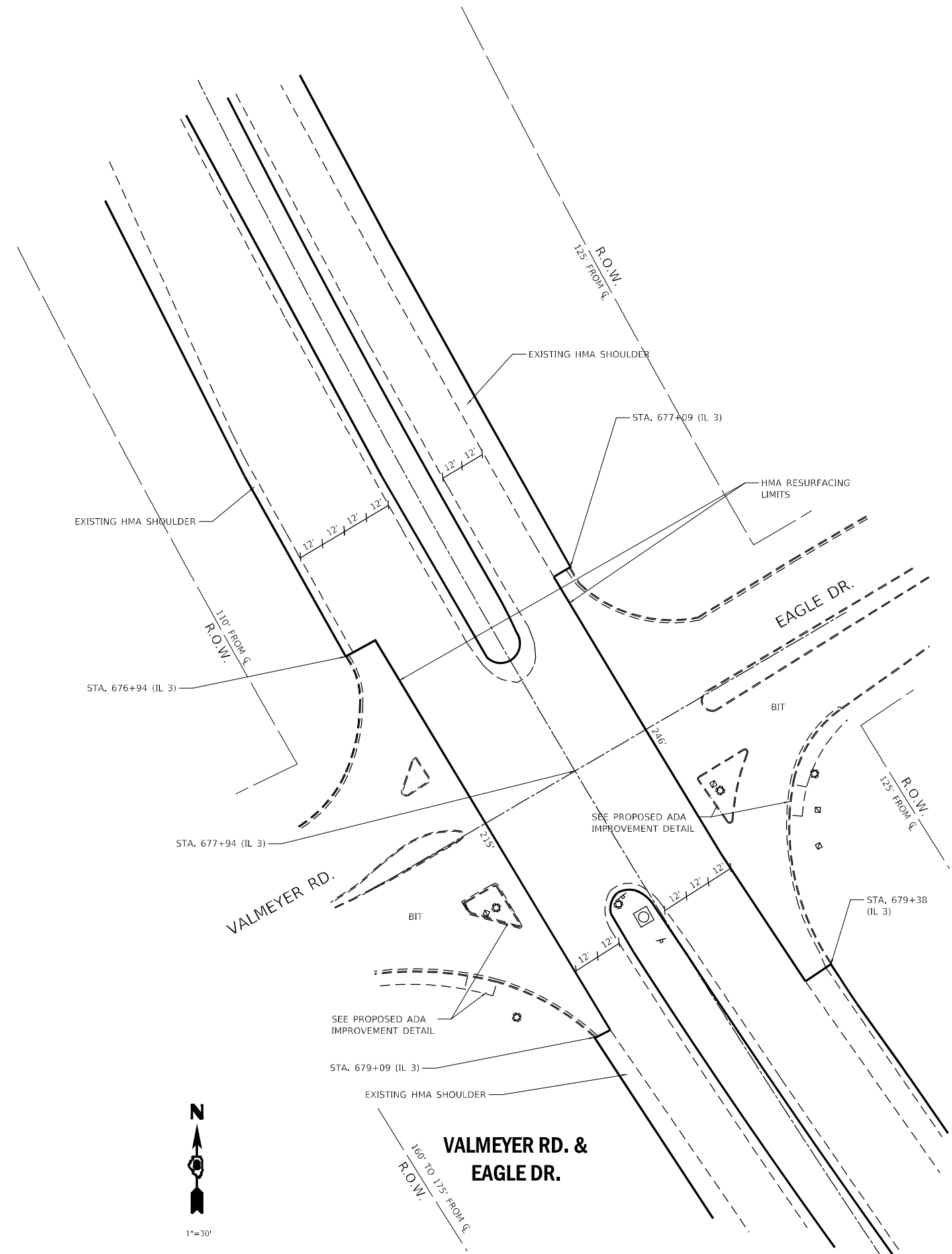
**INTERSECTION RESURFACING DETAILS**

SCALE: 1"=30'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	33
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	



**PARKVIEW DR. & EDELWEISS DR.  
(VETERANS PARKWAY)**



**VALMEYER RD. &  
EAGLE DR.**



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PLOT DATE = 3/23/2022	DATE -	REVISED -

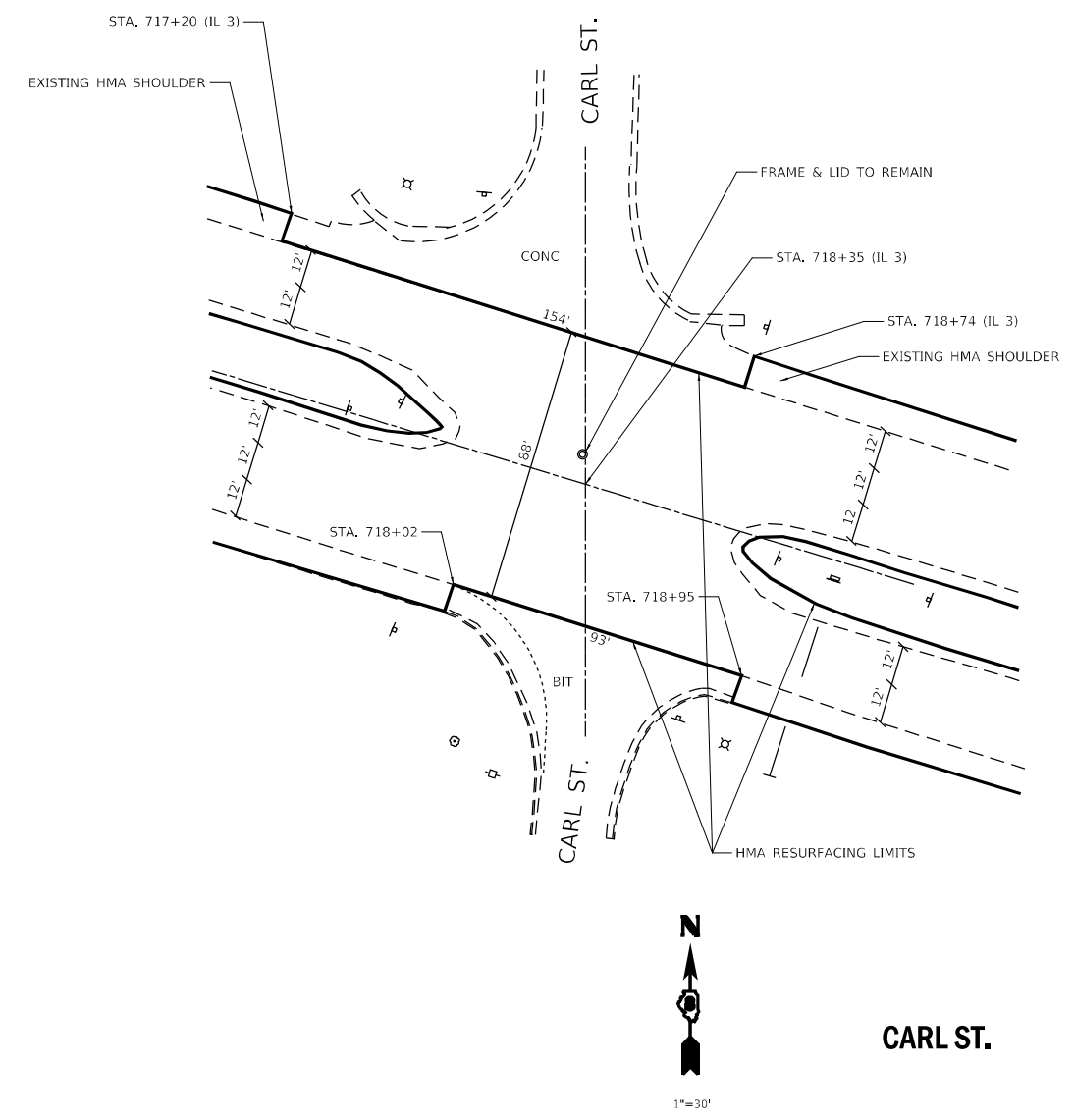
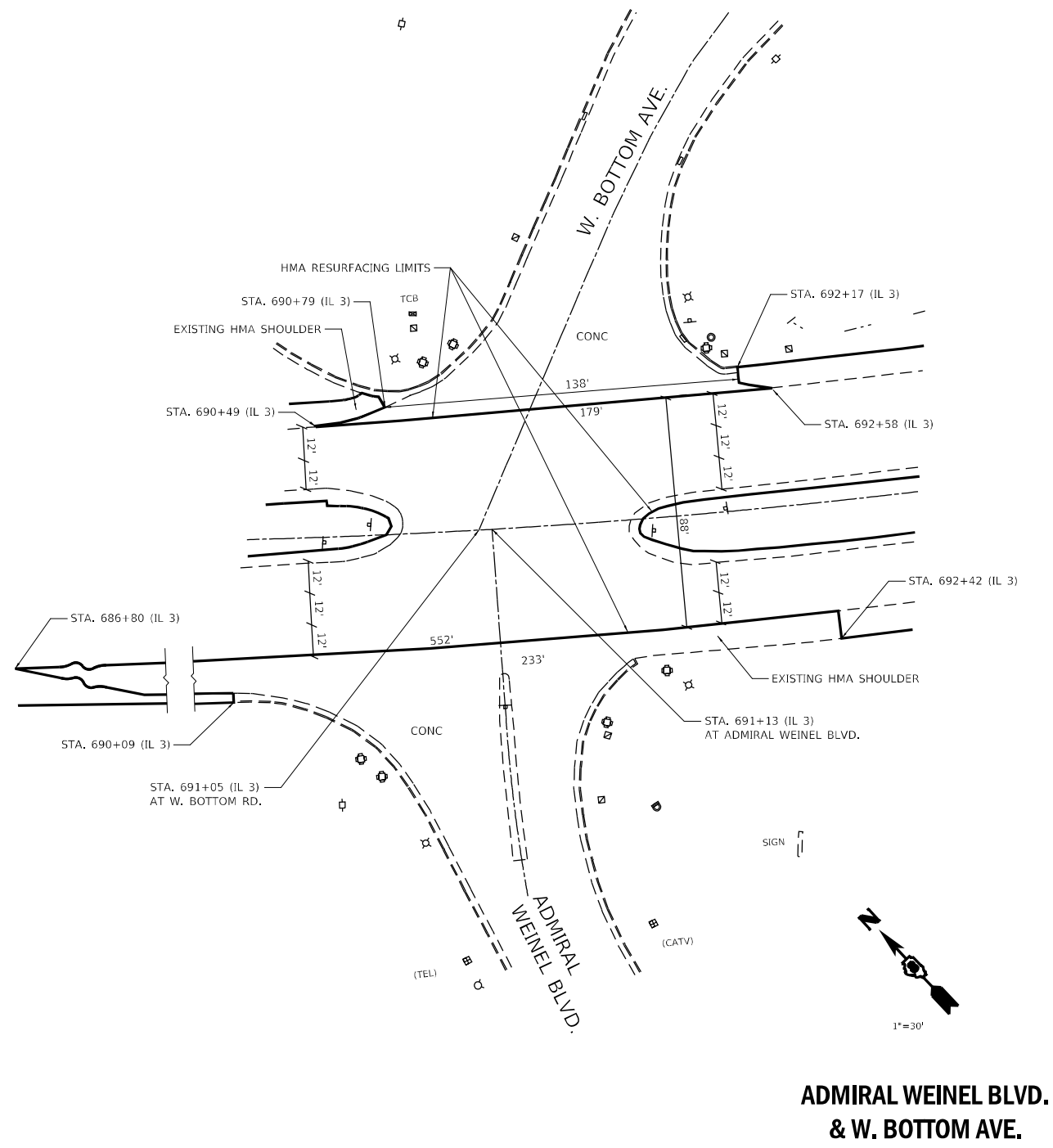
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RESURFACING DETAILS**

SCALE: 1"=30' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	34
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				

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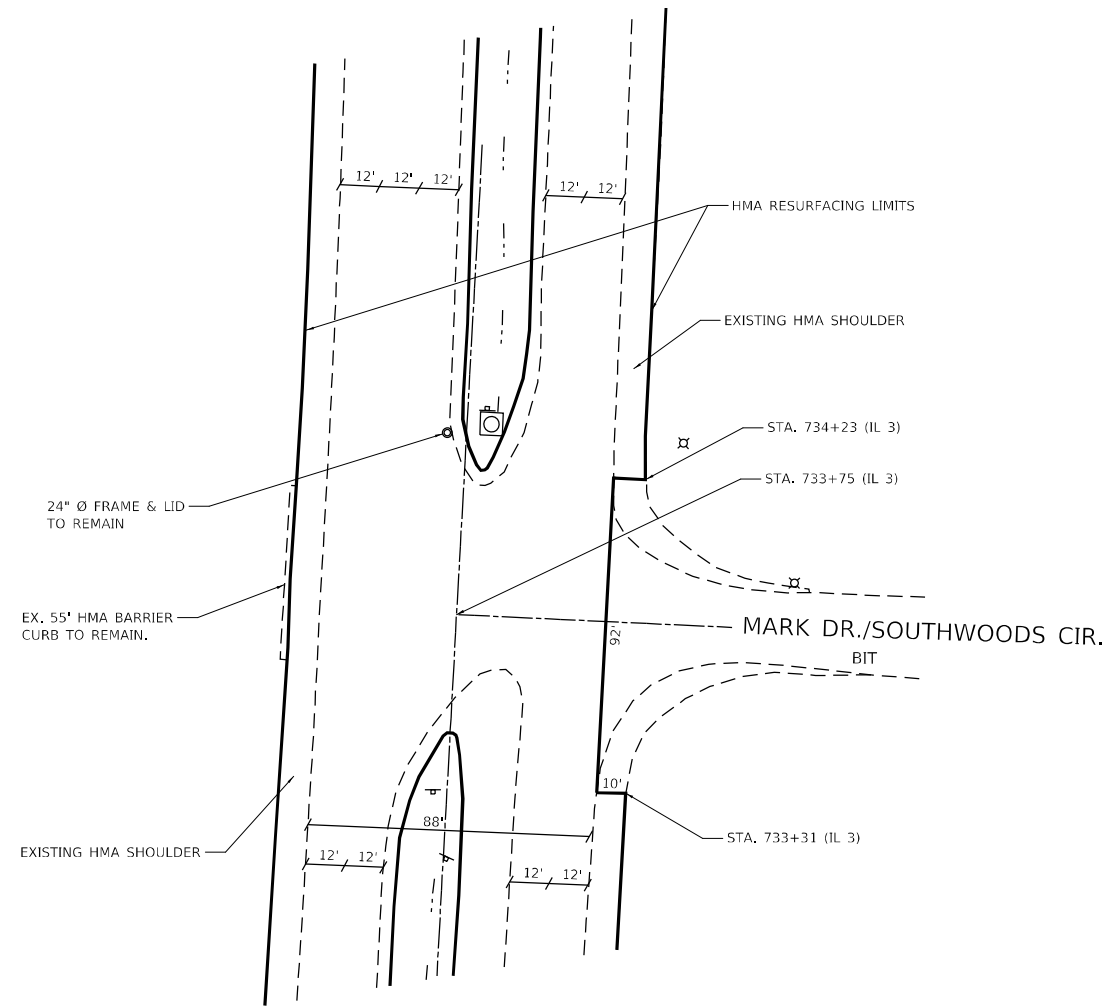
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

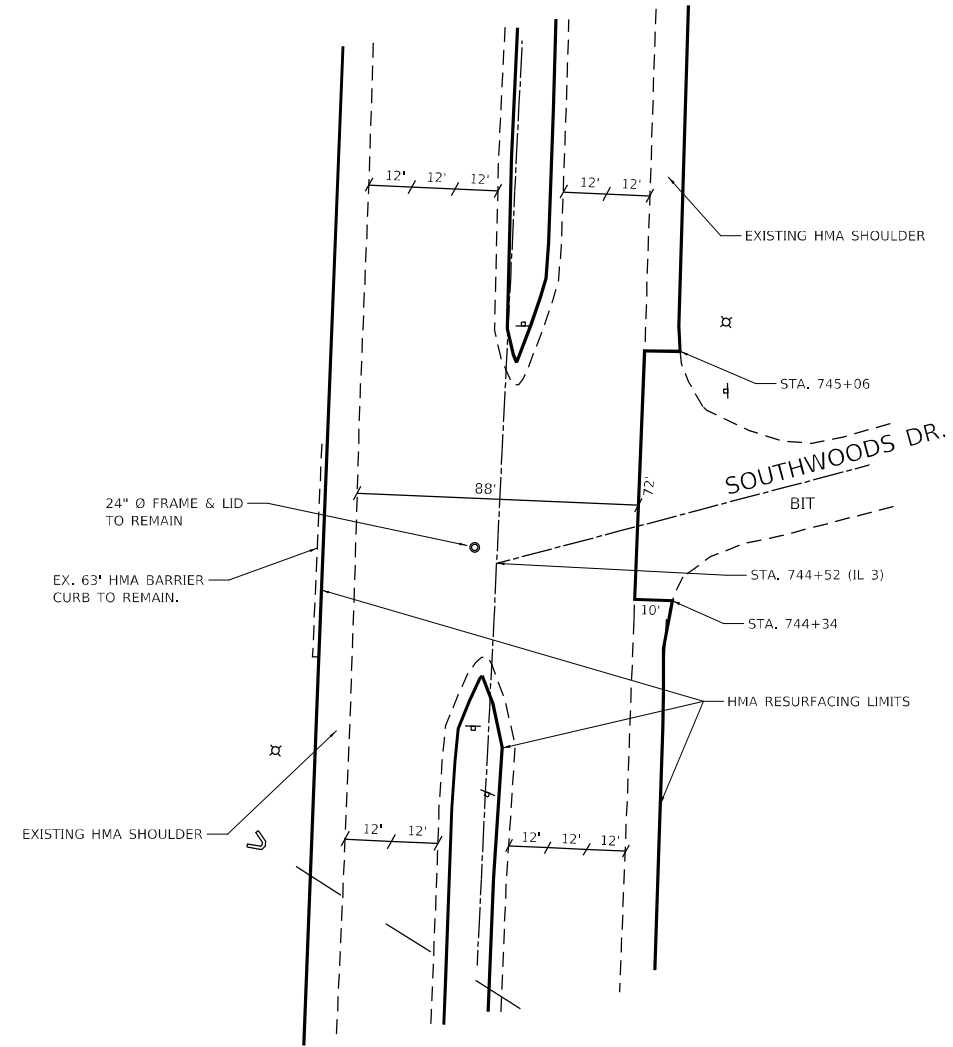
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SCALE: 1"=30'	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	35
		CONTRACT NO. 76M80		
		ILLINOIS FED. AID PROJECT		

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**MARK DR./SOUTHWOODS CIRCLE**



**SOUTHWOODS DR.**

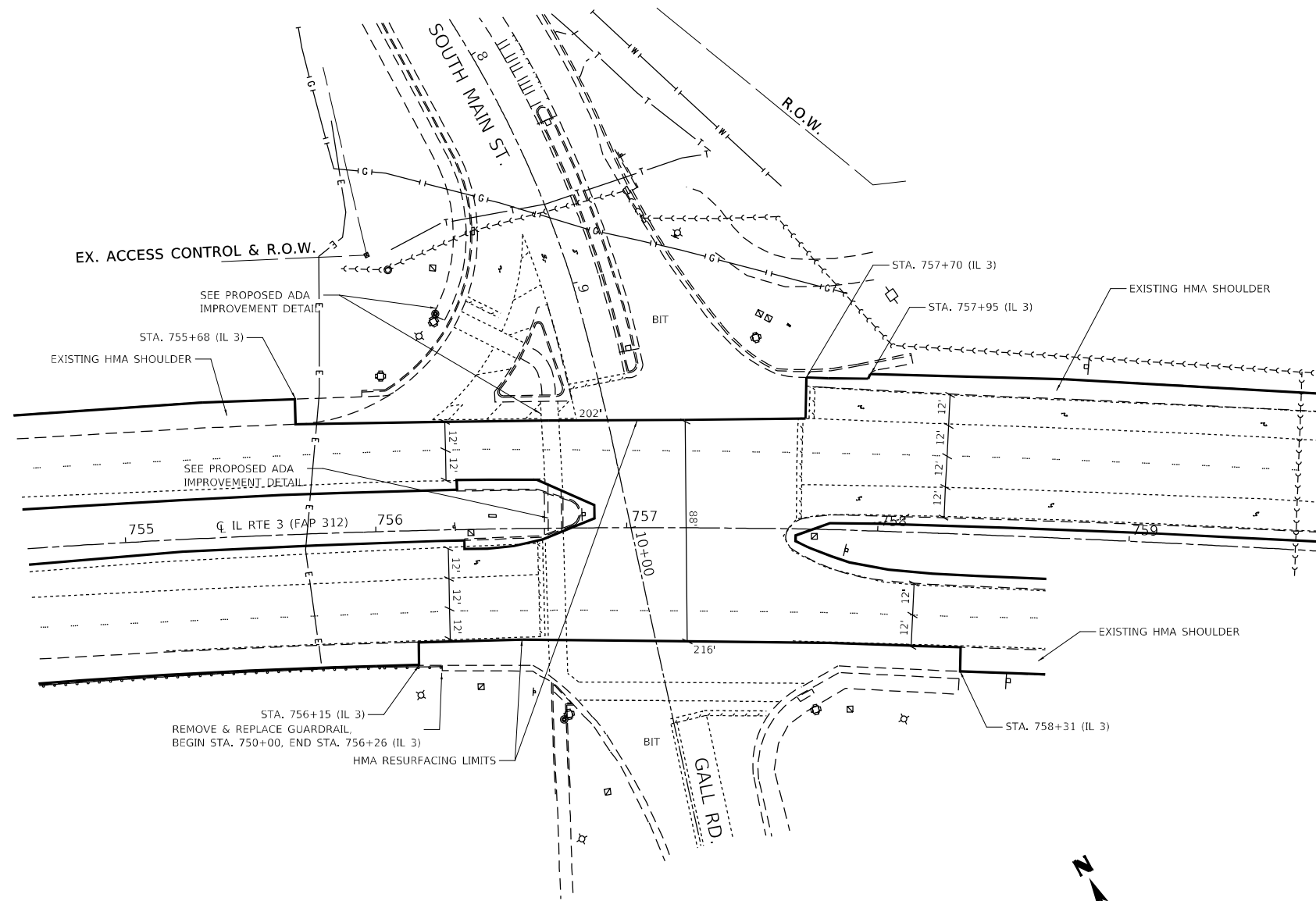
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RESURFACING DETAILS**

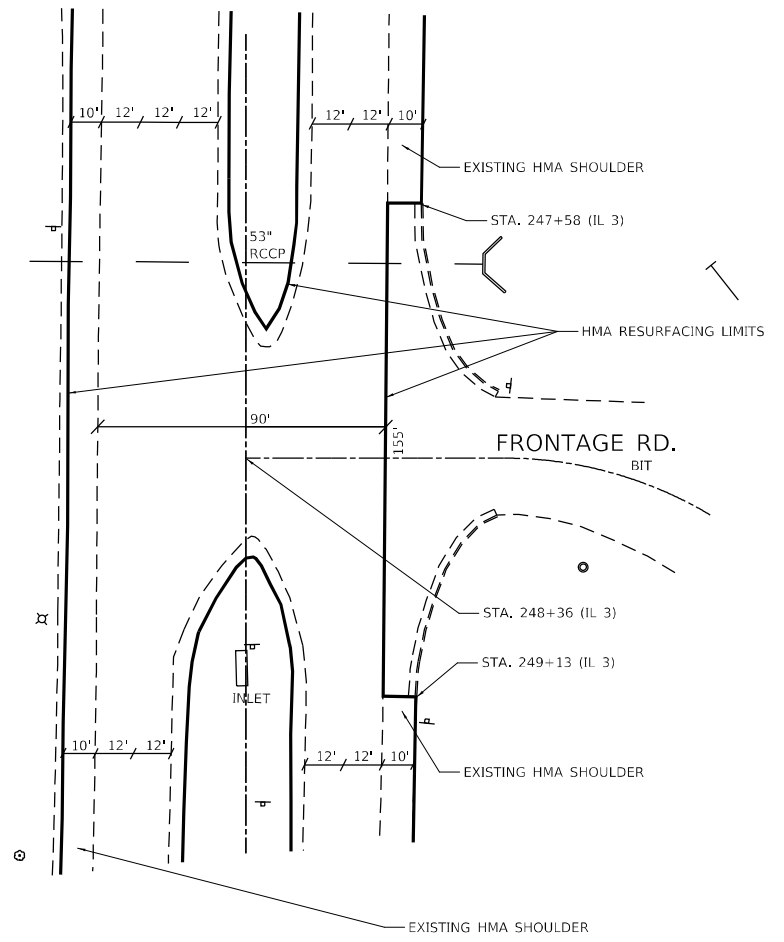
SCALE: 1"=30'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	36
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				

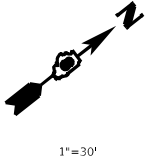
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**GALL RD. & SOUTH MAIN ST.**



**FRONTAGE RD.**



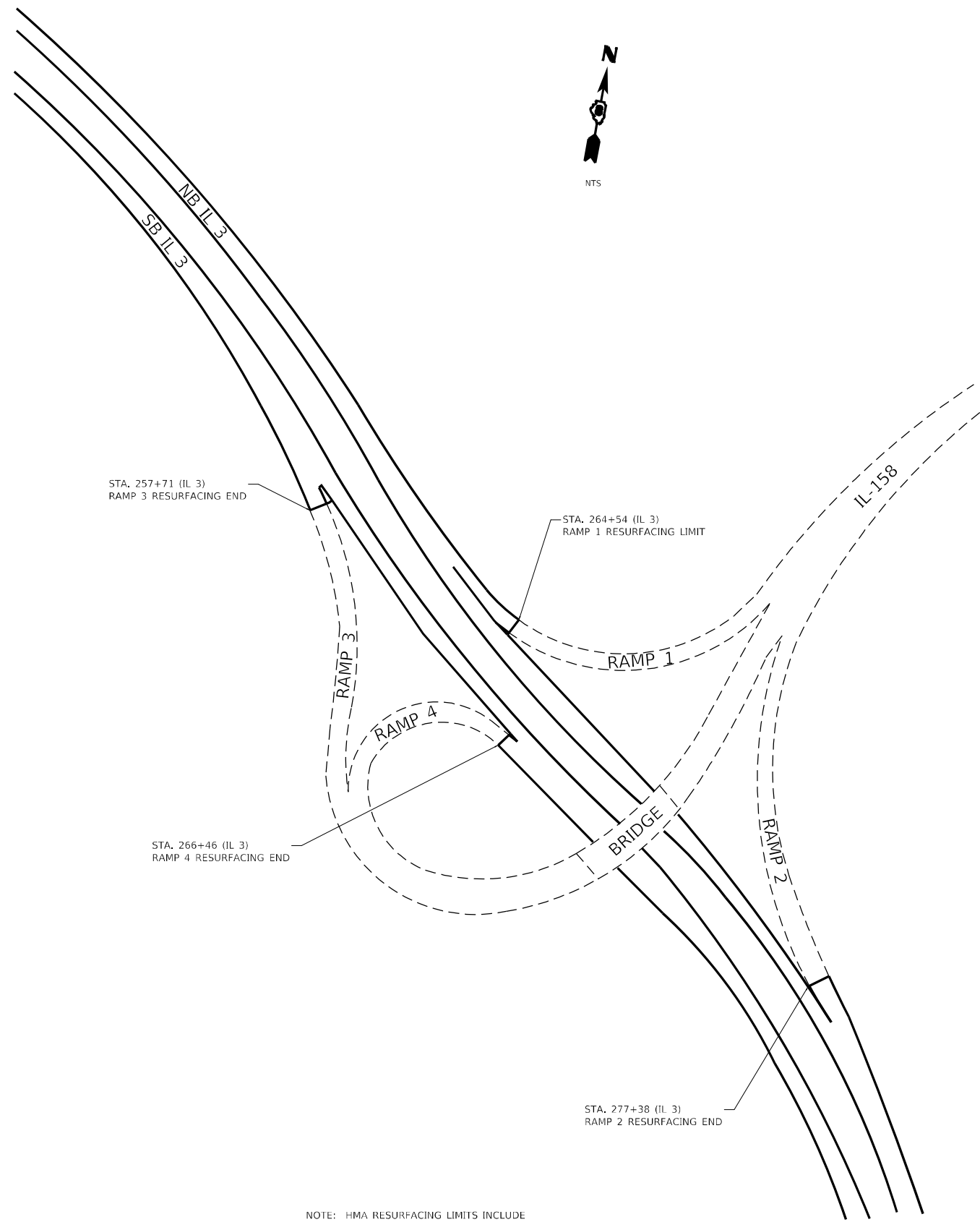
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RESURFACING DETAILS**

SCALE: 1"=30' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	37
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				



NOTE: HMA RESURFACING LIMITS INCLUDE SHOULDERS WITH VARIABLE TERMINUS.

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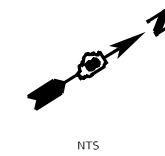
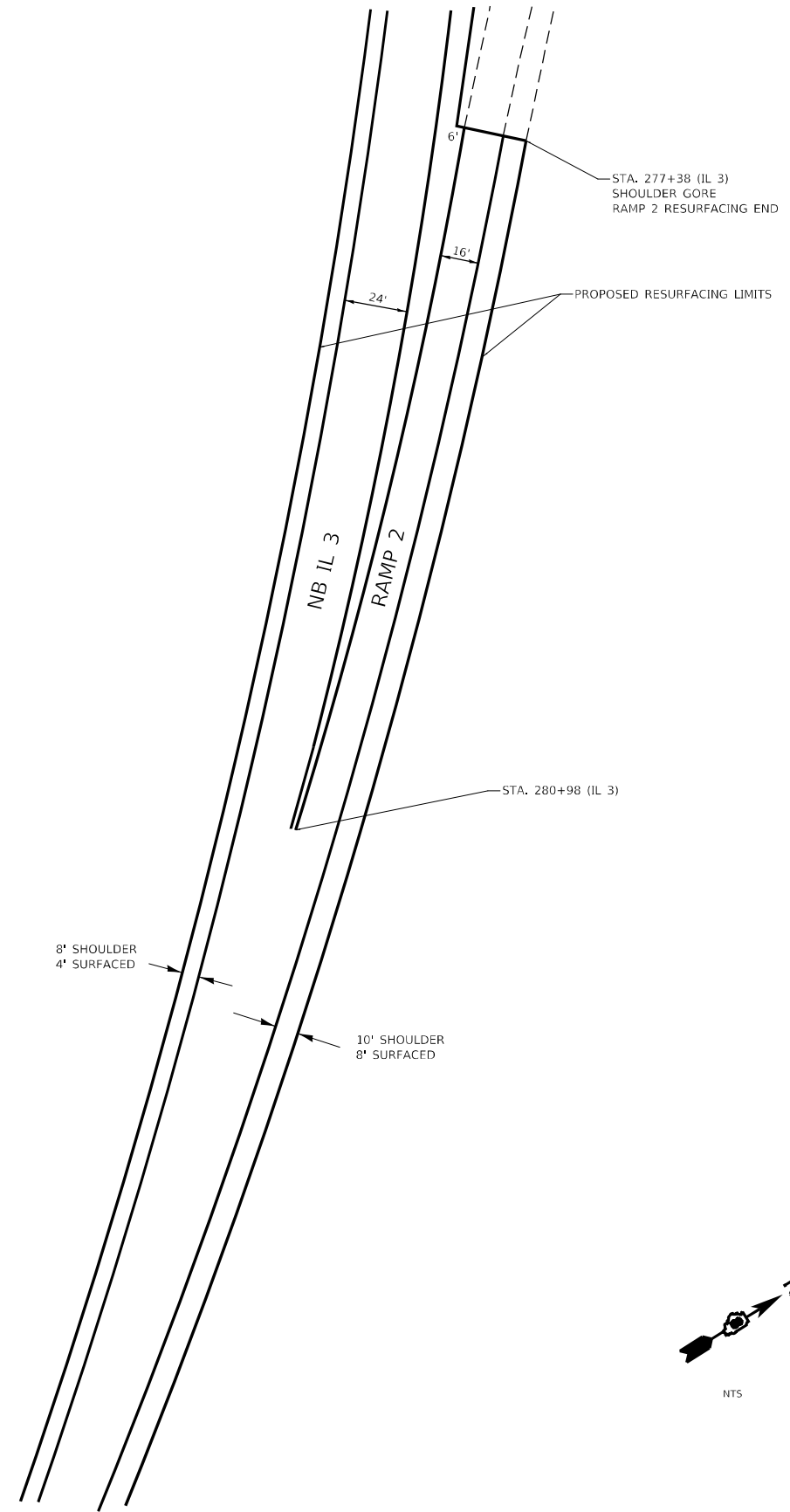
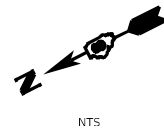
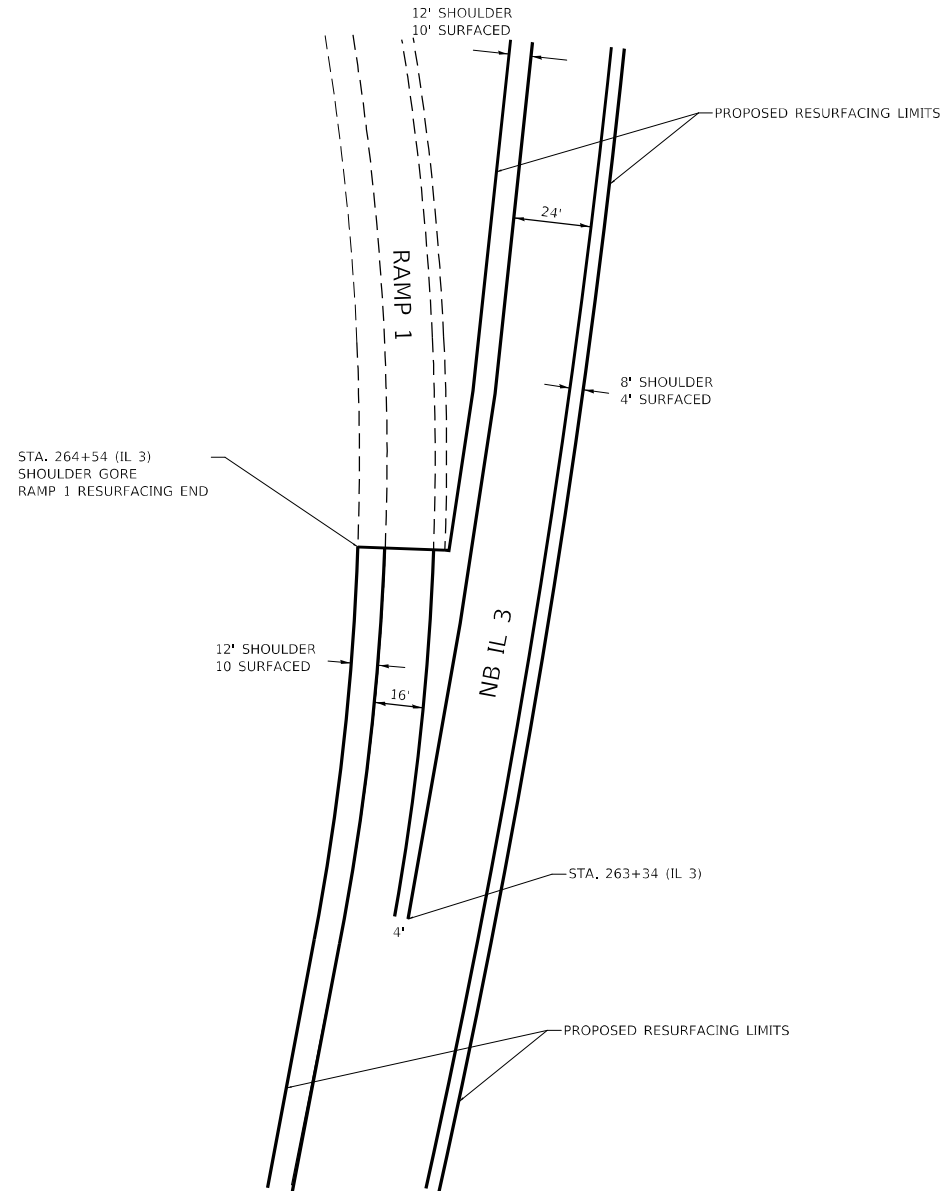
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 158 INTERCHANGE RAMPS RESURFACING DETAILS**  
 SCALE: NTS    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	38
CONTRACT NO. 76M80				
ILLINOIS		FED. AID PROJECT		

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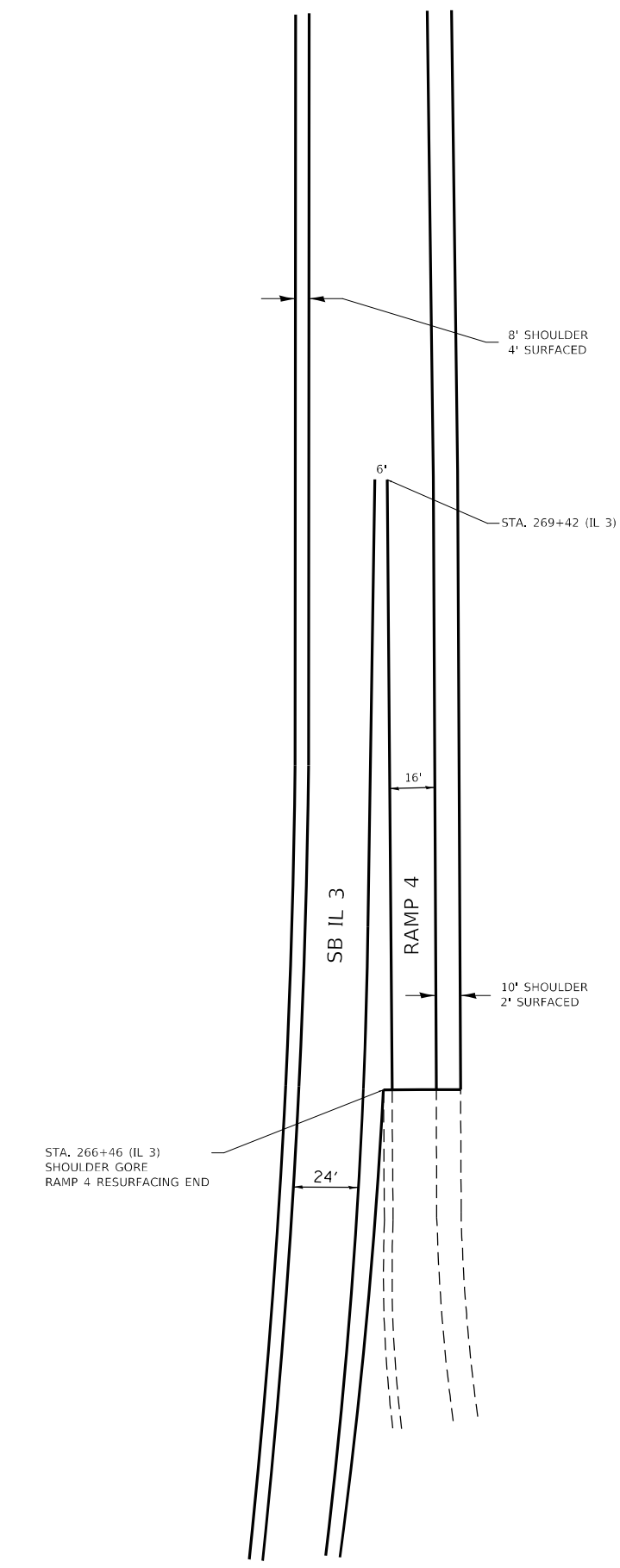
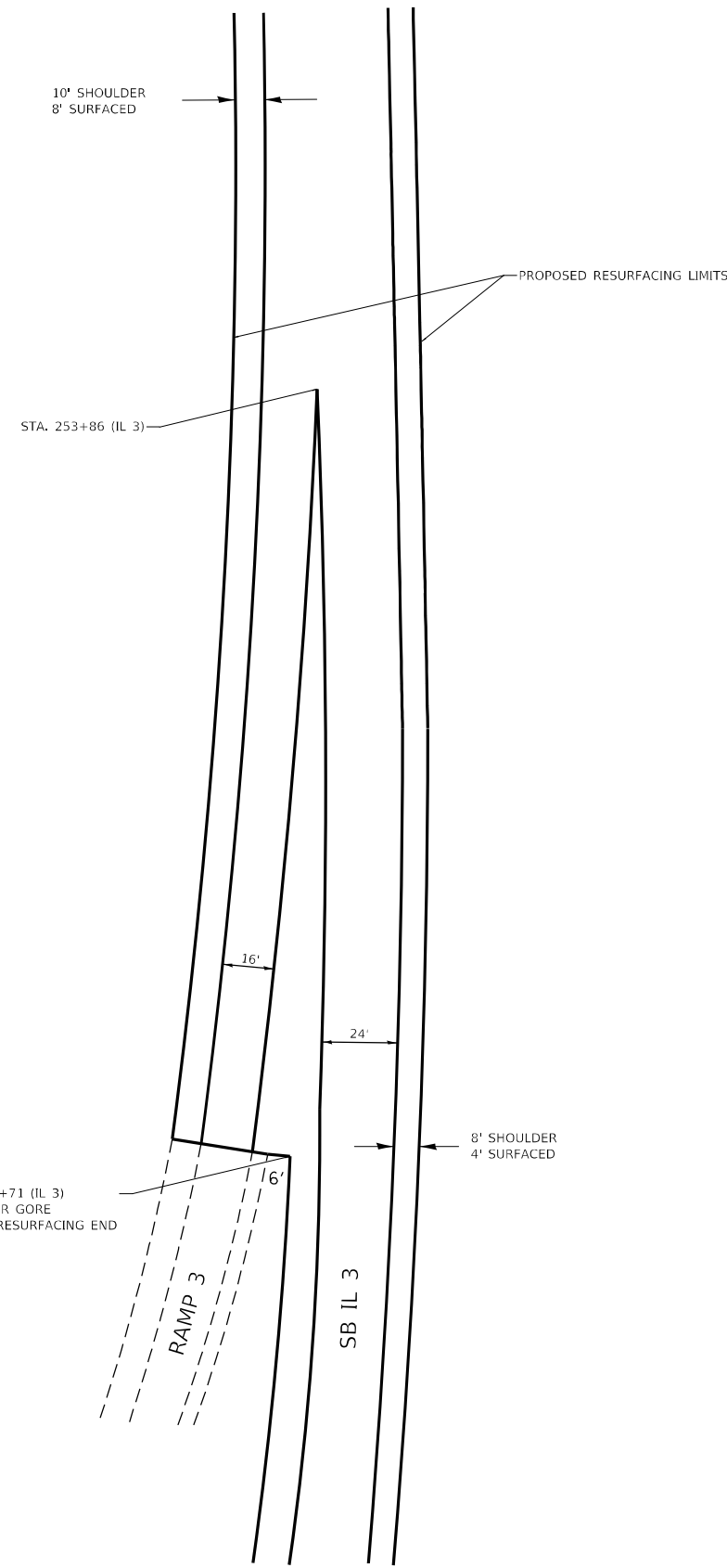
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 158 RAMPS 1 & 2 RESURFACING DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M80	



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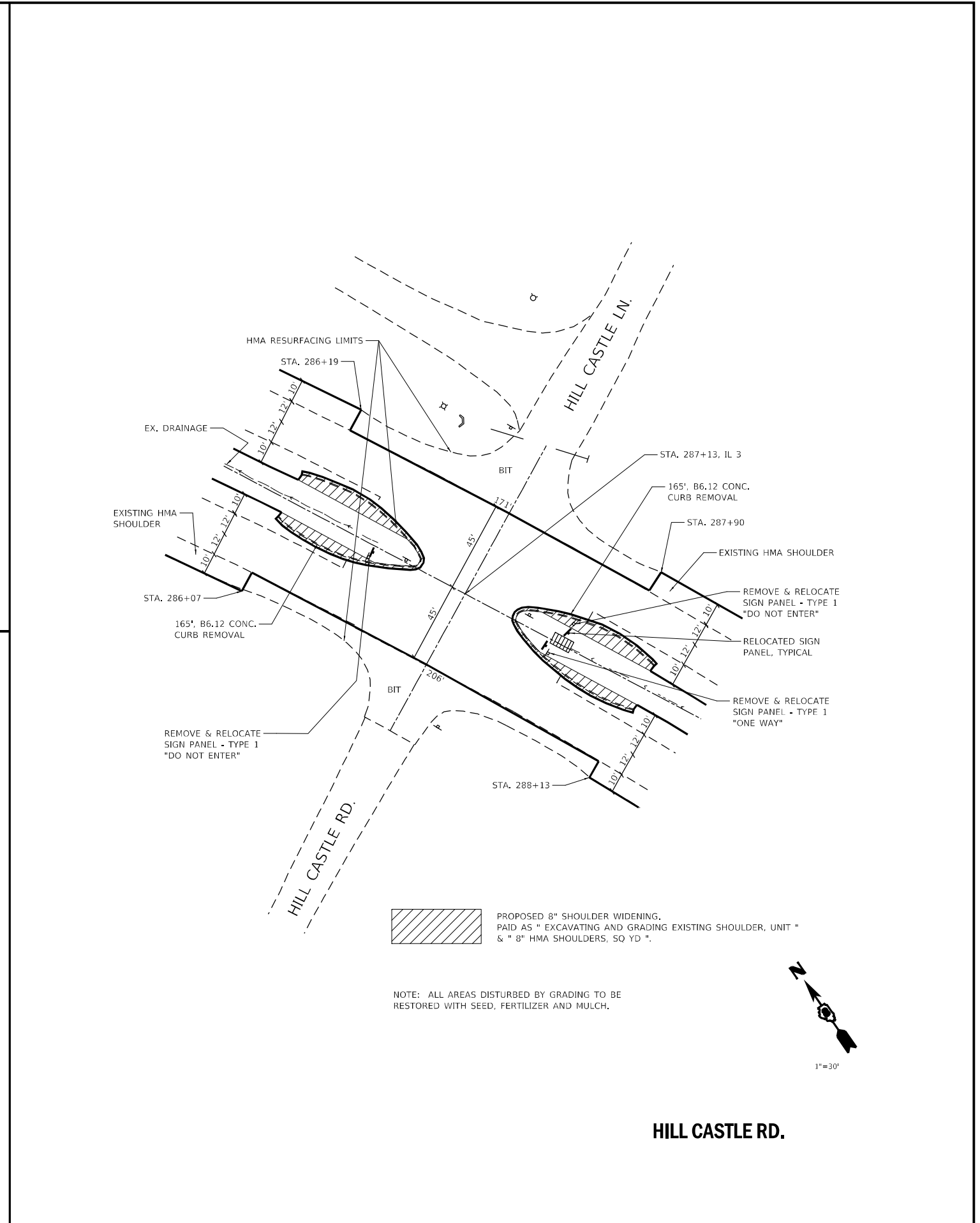
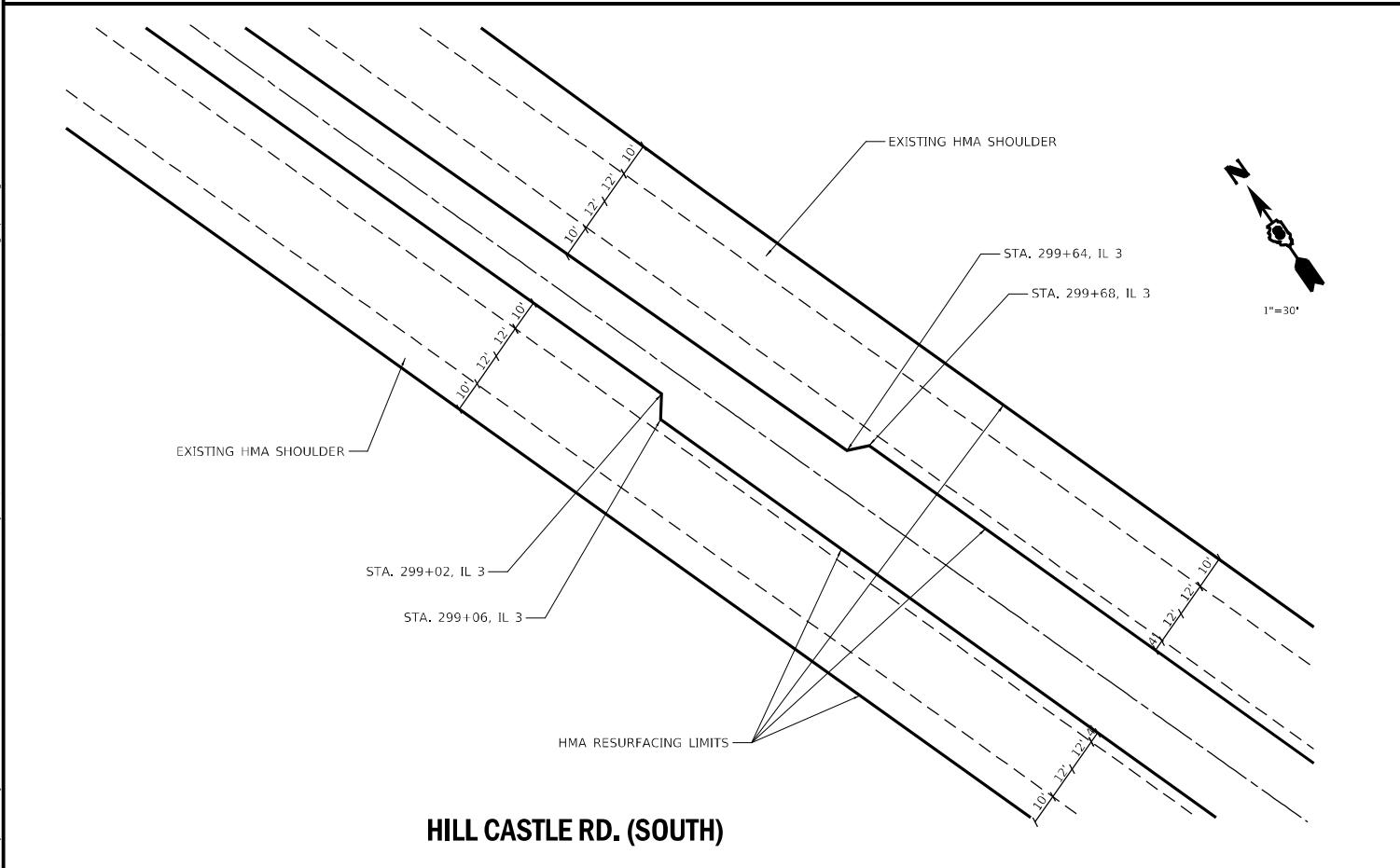
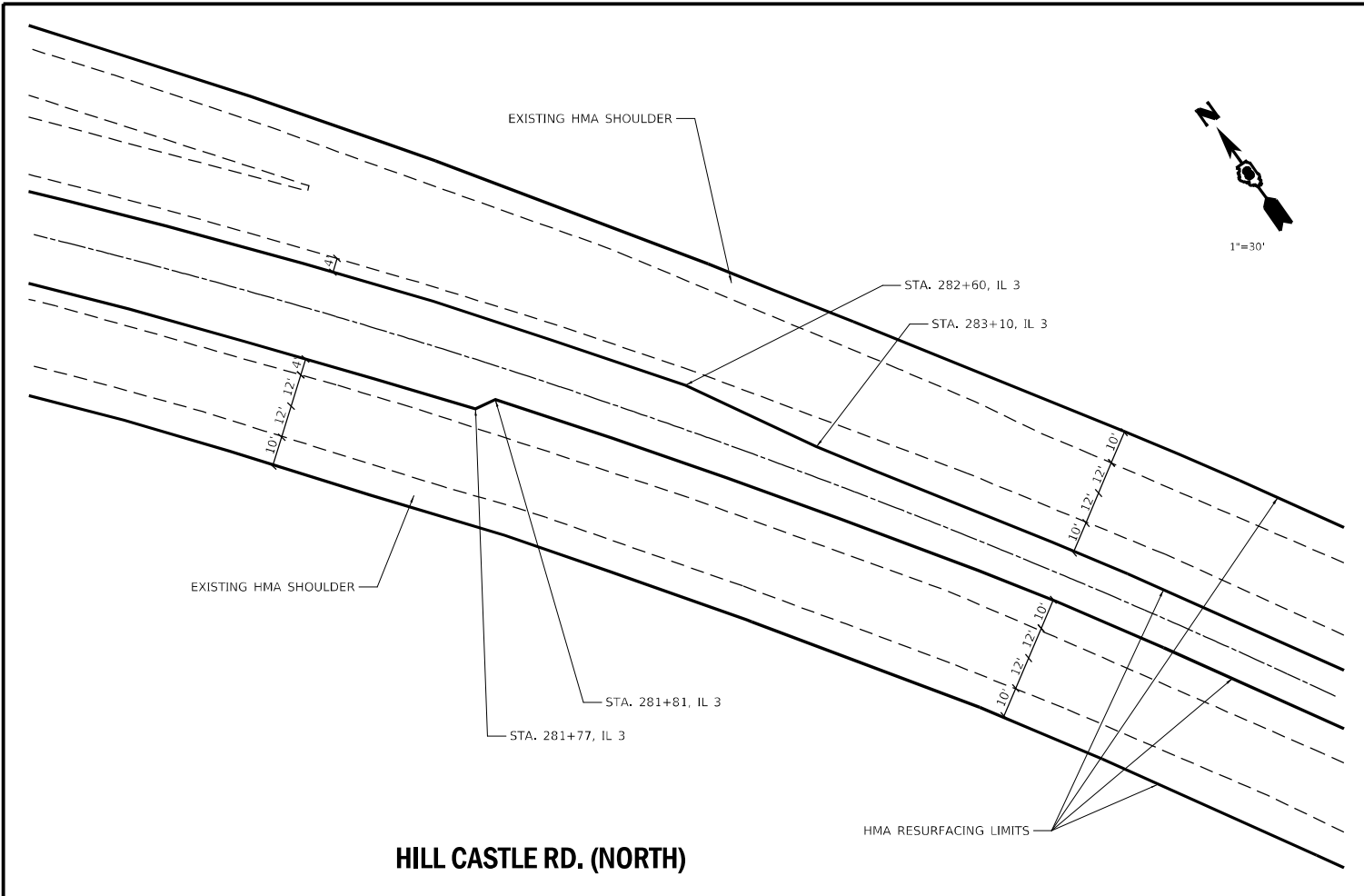
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 158 RAMPS 3 & 4 RESURFACING DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	40
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				





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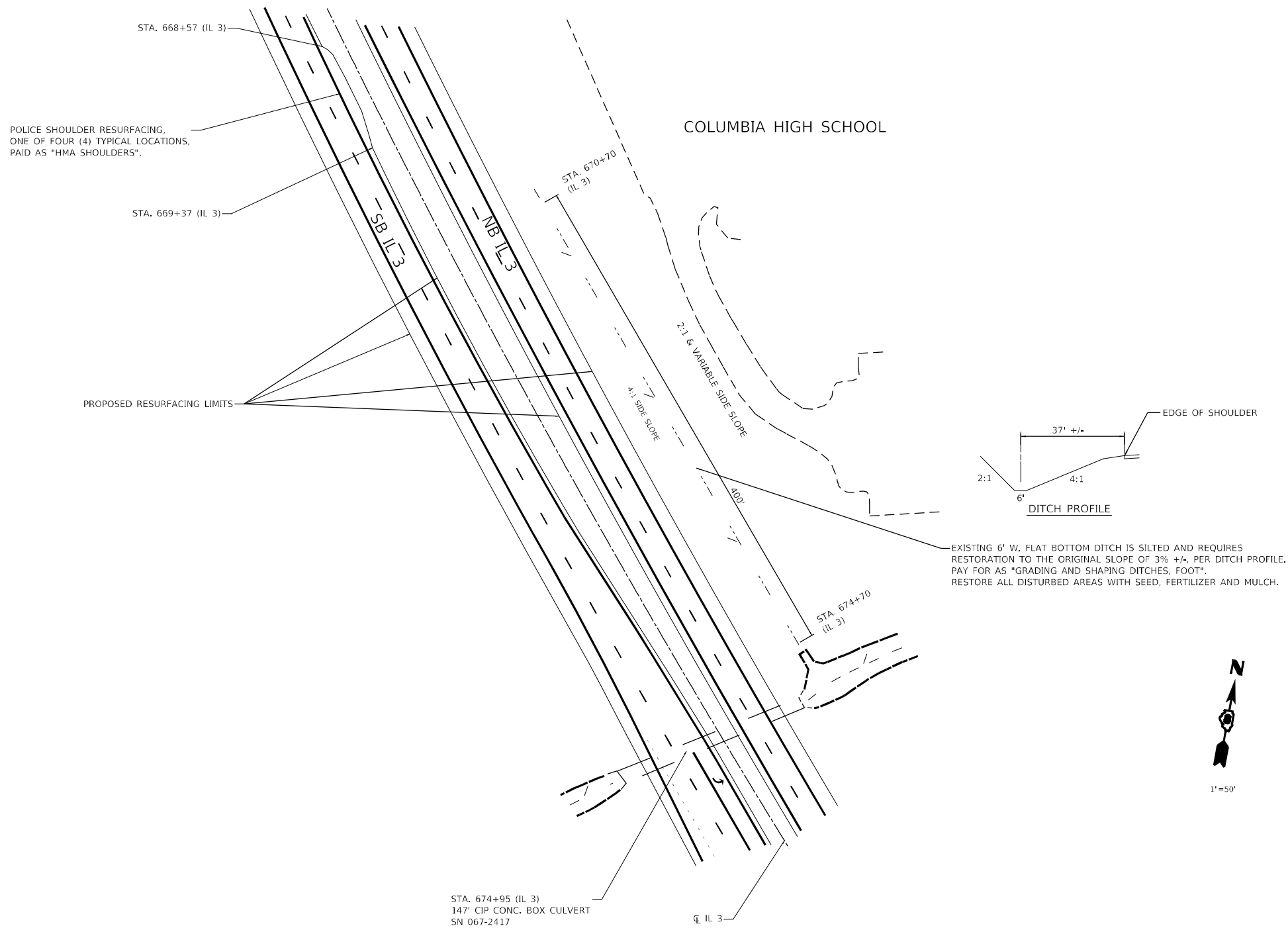
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>HILL CASTLE RD. SHOULDER WIDENING &amp; INTERSECTION RESURFACING DETAILS</b>		
SCALE: 1"=30'	SHEET 1 OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	41
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				

EDELWEISS DR & PARKVIEW,  
AKA VETERANS PARKWAY BEYOND



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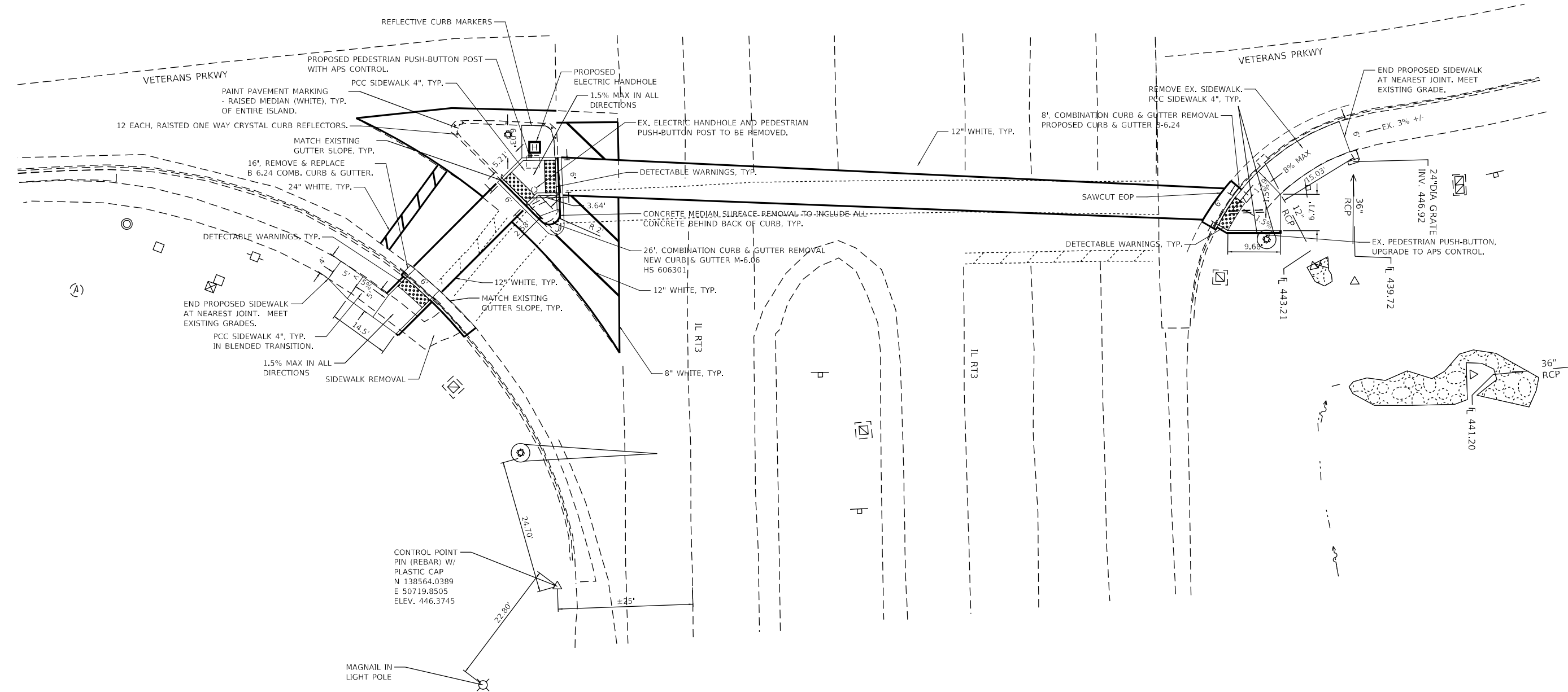
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PLOT DATE = 3/23/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GRADING AND SHAPING DITCH & POLICE SHOULDER**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	42
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				



CONTROL POINT  
 PIN (REBAR) W/  
 PLASTIC CAP  
 N 138564.0389  
 E 50719.8505  
 ELEV. 446.3745

MAGNAIL IN  
 LIGHT POLE

MODEL: Default  
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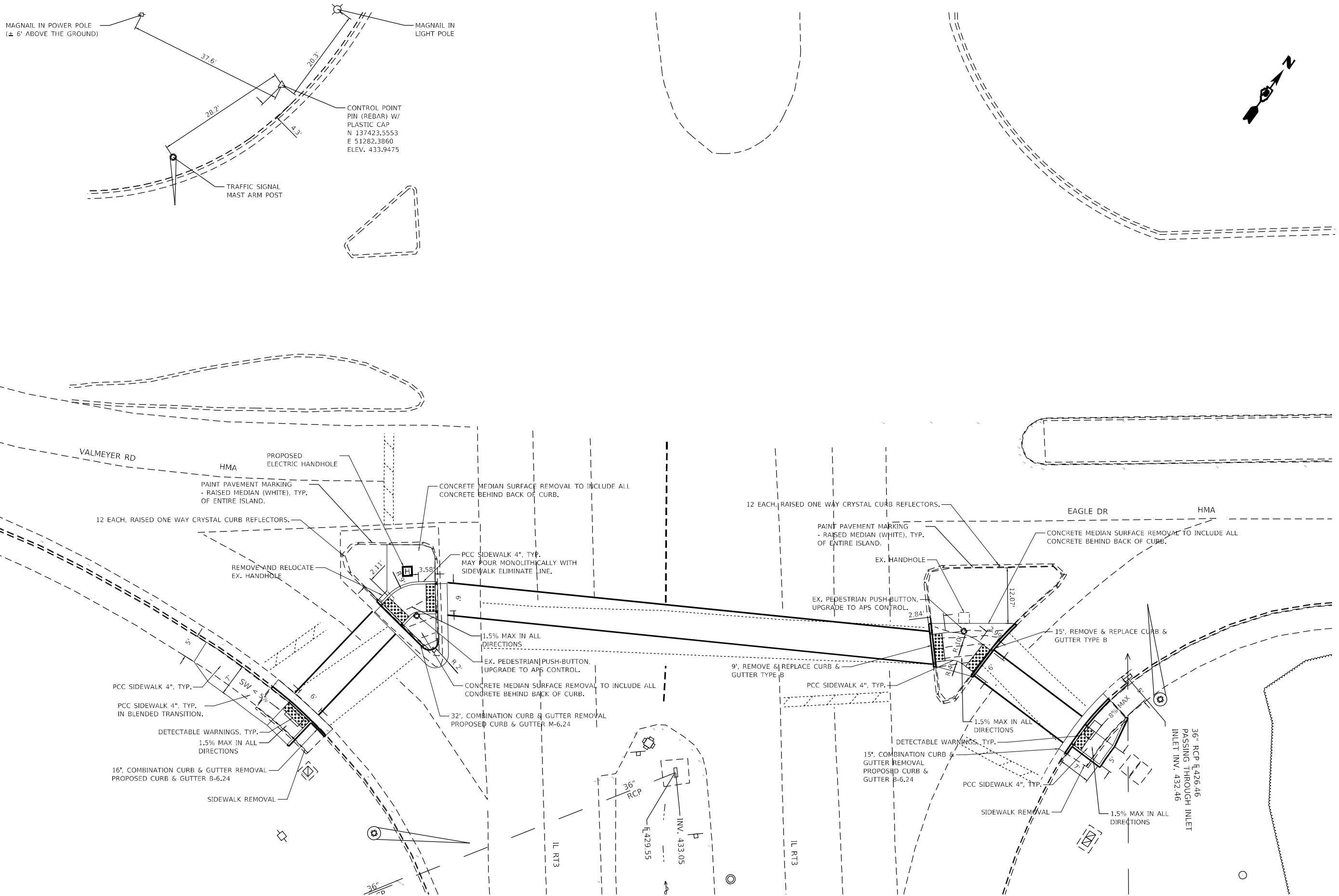
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS**  
**EDELWEISS DR. & PARKVIEW DR. (VETERANS PKWY)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	43
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	

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



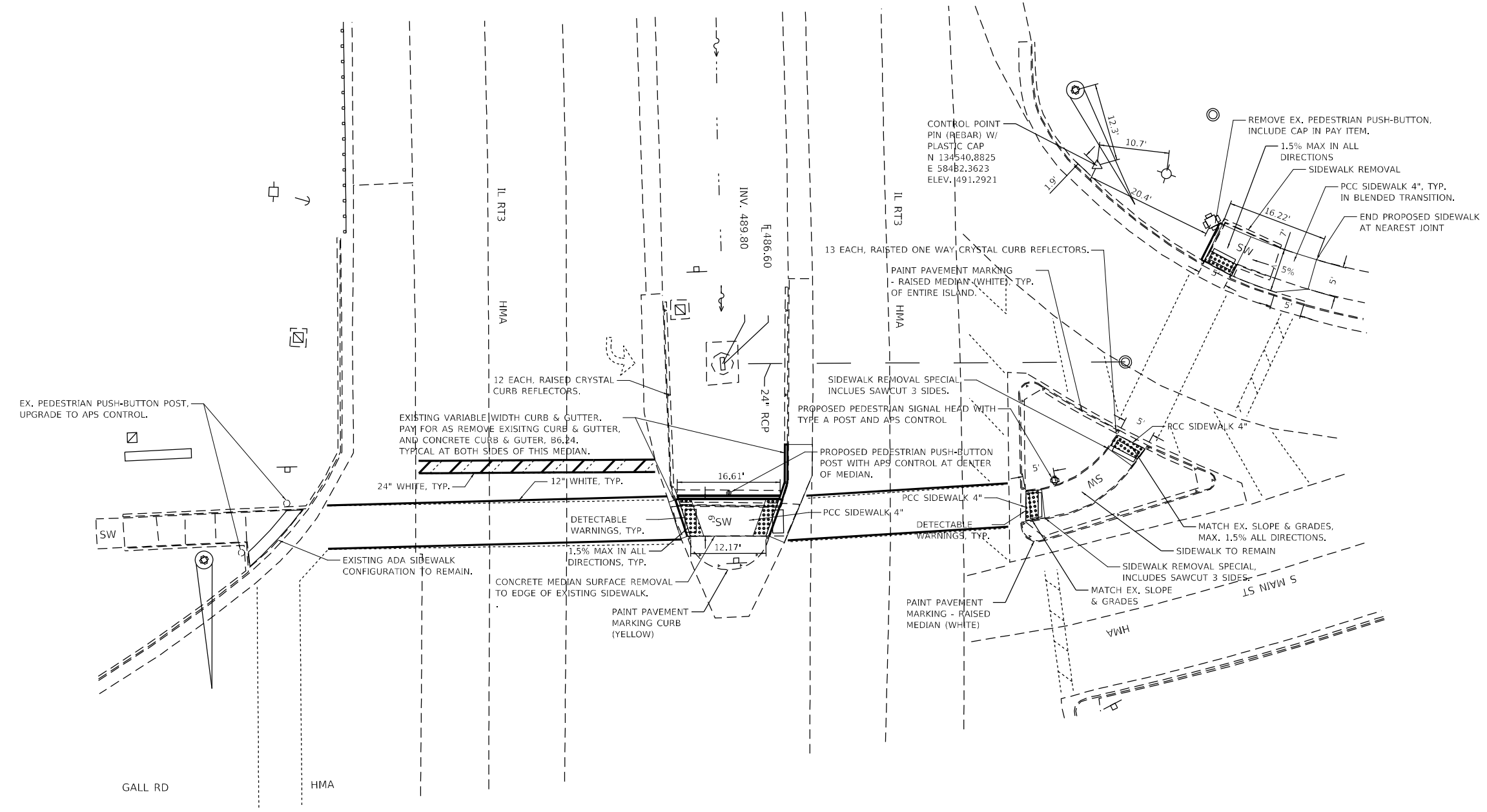
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	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2022	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>ADA DETAILS</b>	
<b>VALMEYER RD. &amp; EAGLE DR.</b>	
SCALE:	TO STA.
SHEET 2 OF 3 SHEETS	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1.66-1.67-1)RS-1	MONROE	64	44
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				



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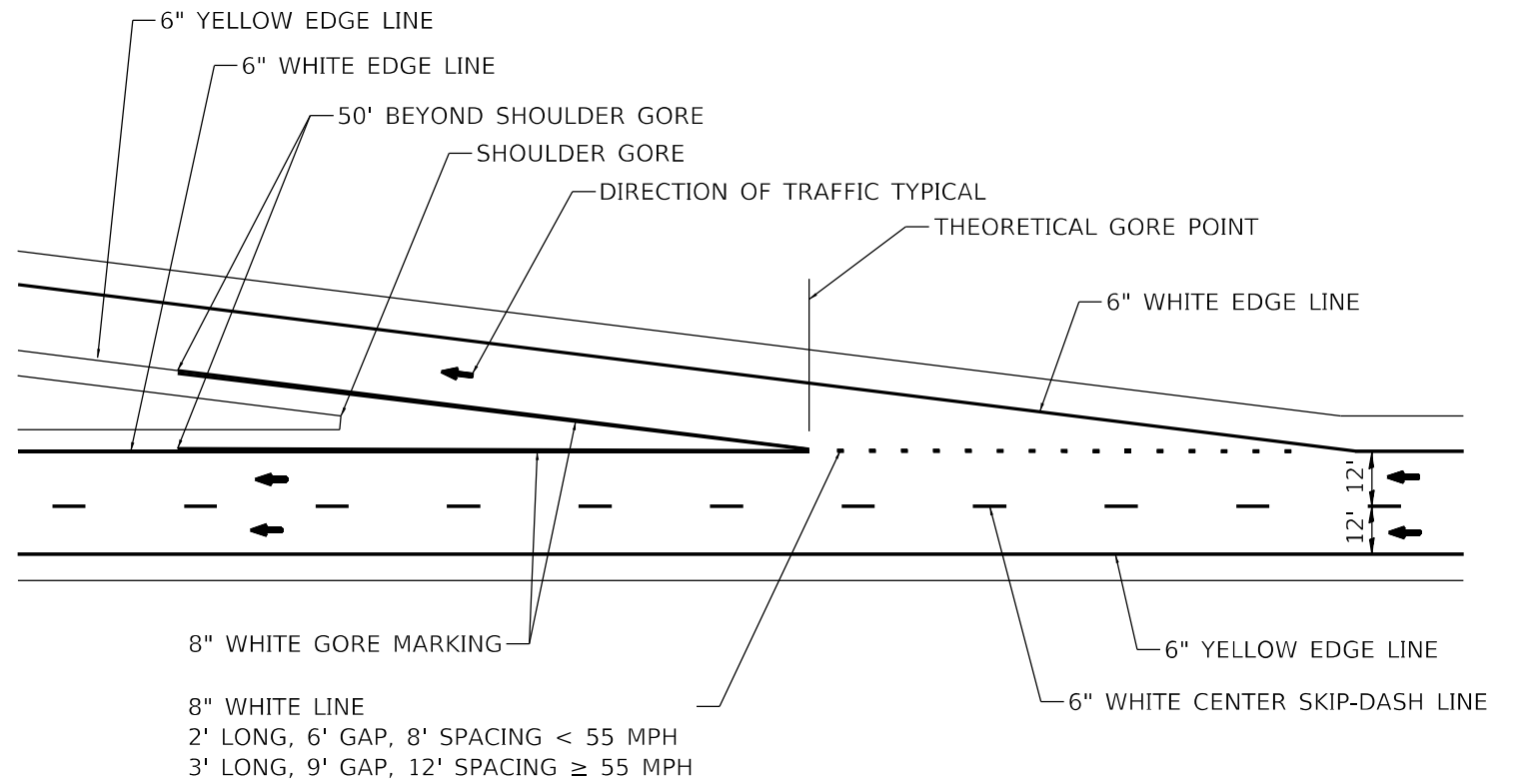
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

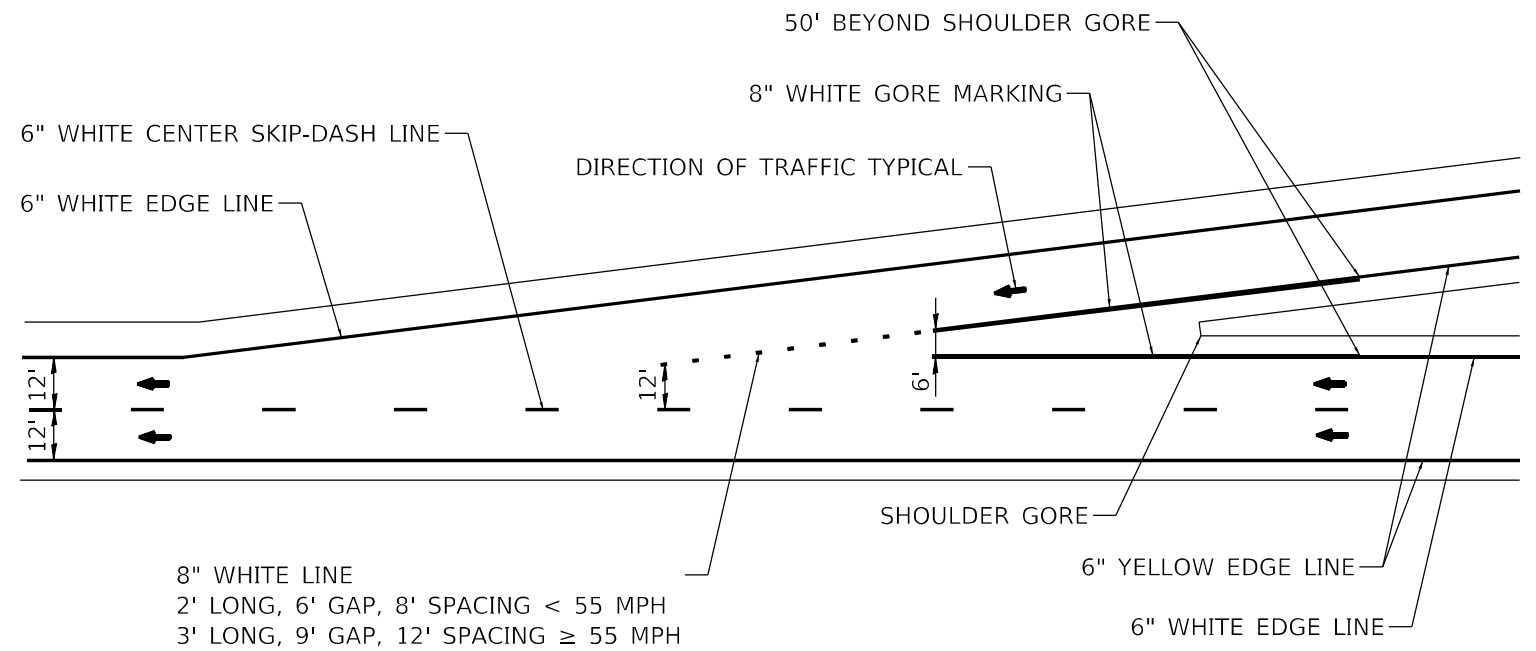
<b>ADA DETAILS</b>	
<b>GALL RD. &amp; SOUTH MAIN ST.</b>	
SCALE:	SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	45
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				





**TYPICAL EXIT RAMP MARKINGS**



**TYPICAL ENTRANCE RAMP MARKINGS**

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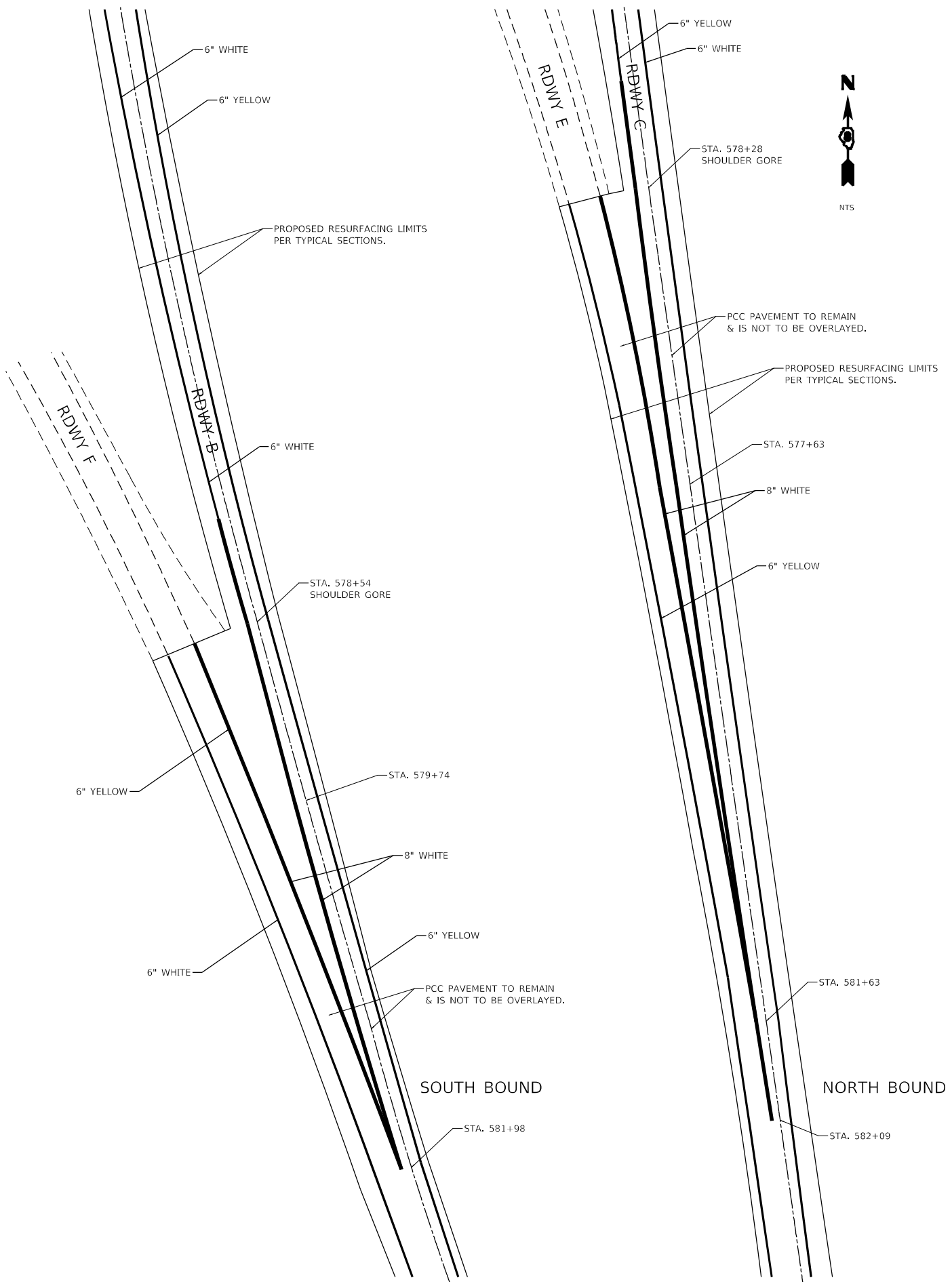
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL RAMPS PAVEMENT MARKING DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	47
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				



NTS

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PLOT DATE = 3/23/2022	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

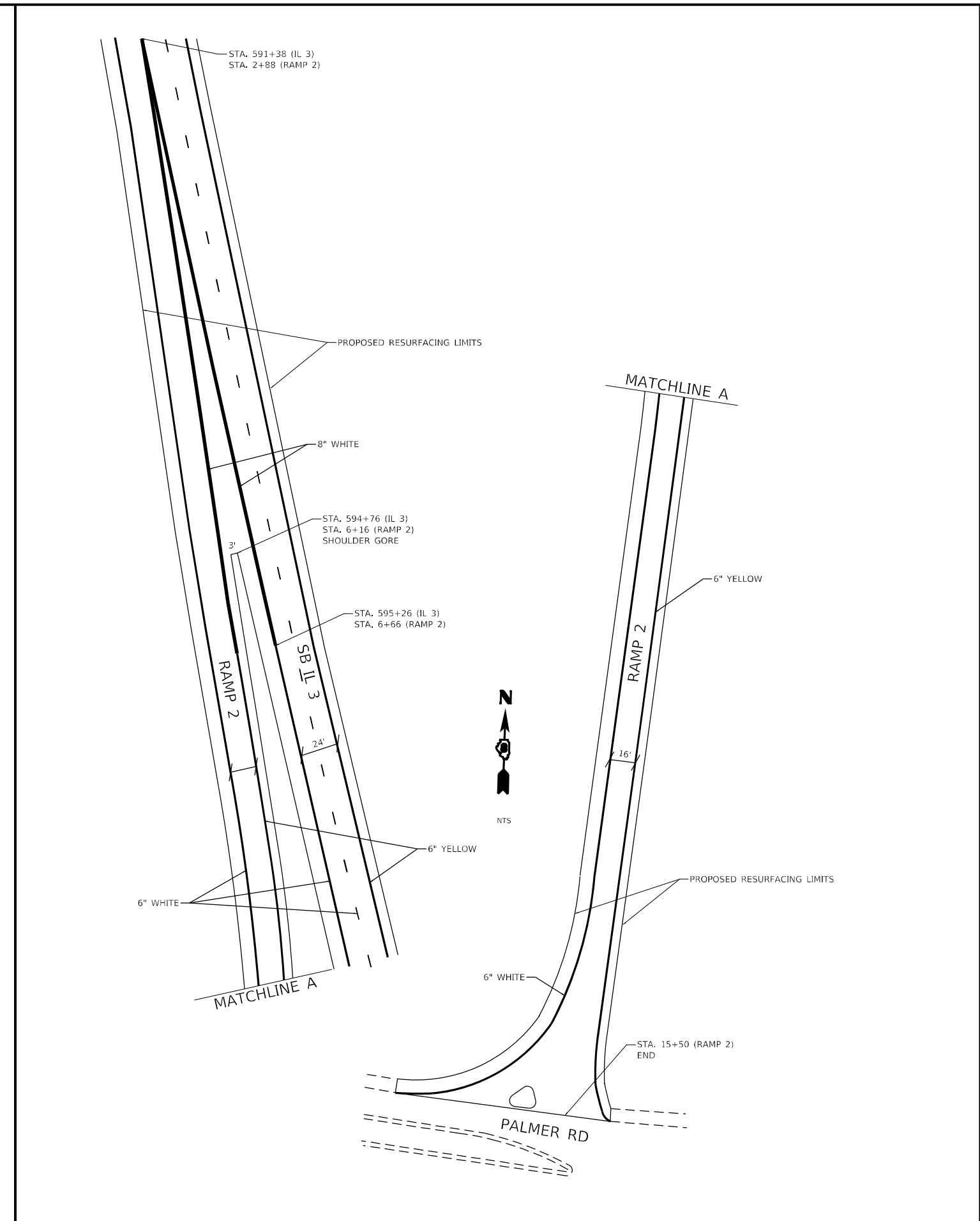
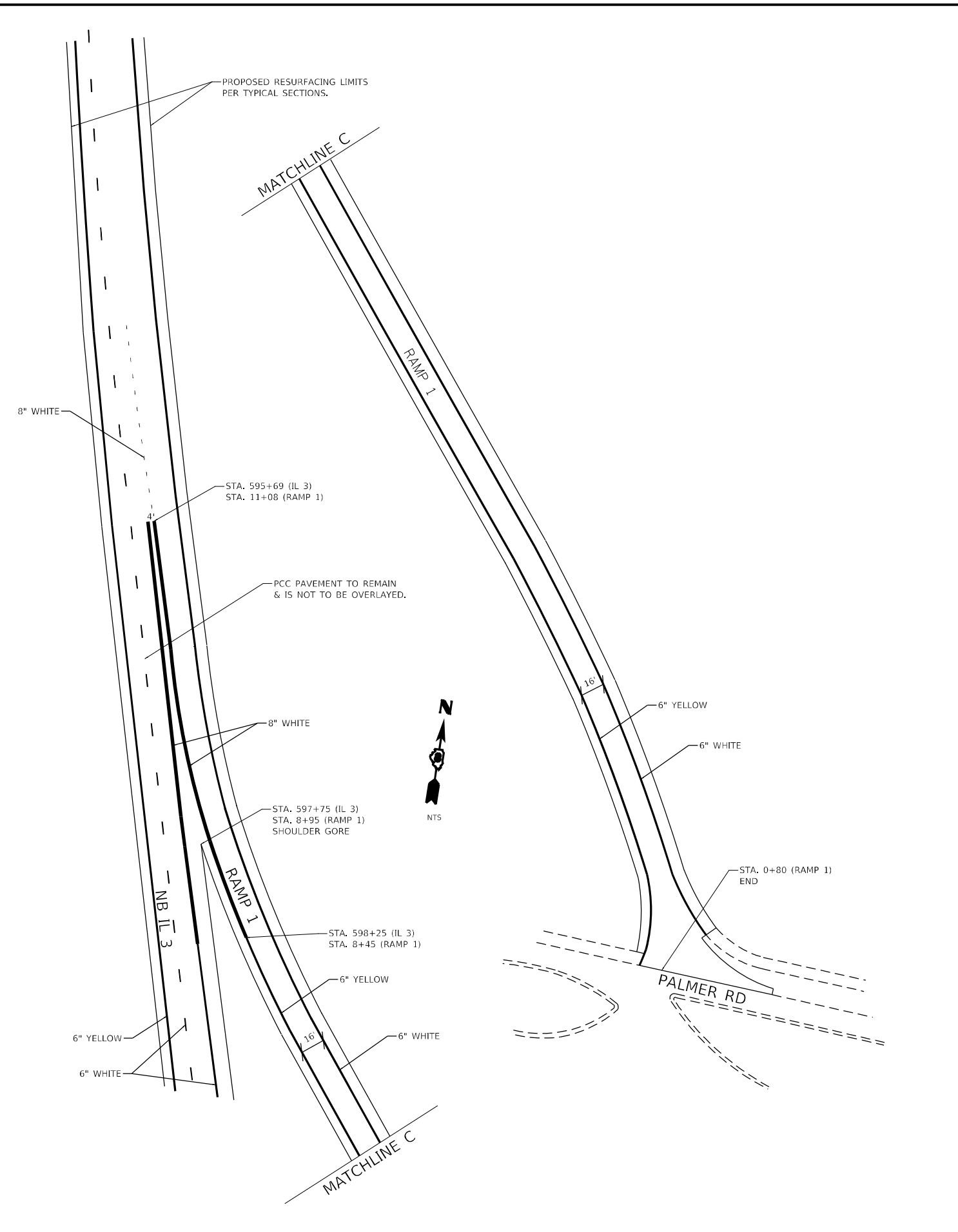
**ROADWAY B & ROADWAY C**  
**PAVEMENT MARKING DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	48
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				



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 USER: alexander.becraft@illinois.gov  
 DATE: 3/23/2022



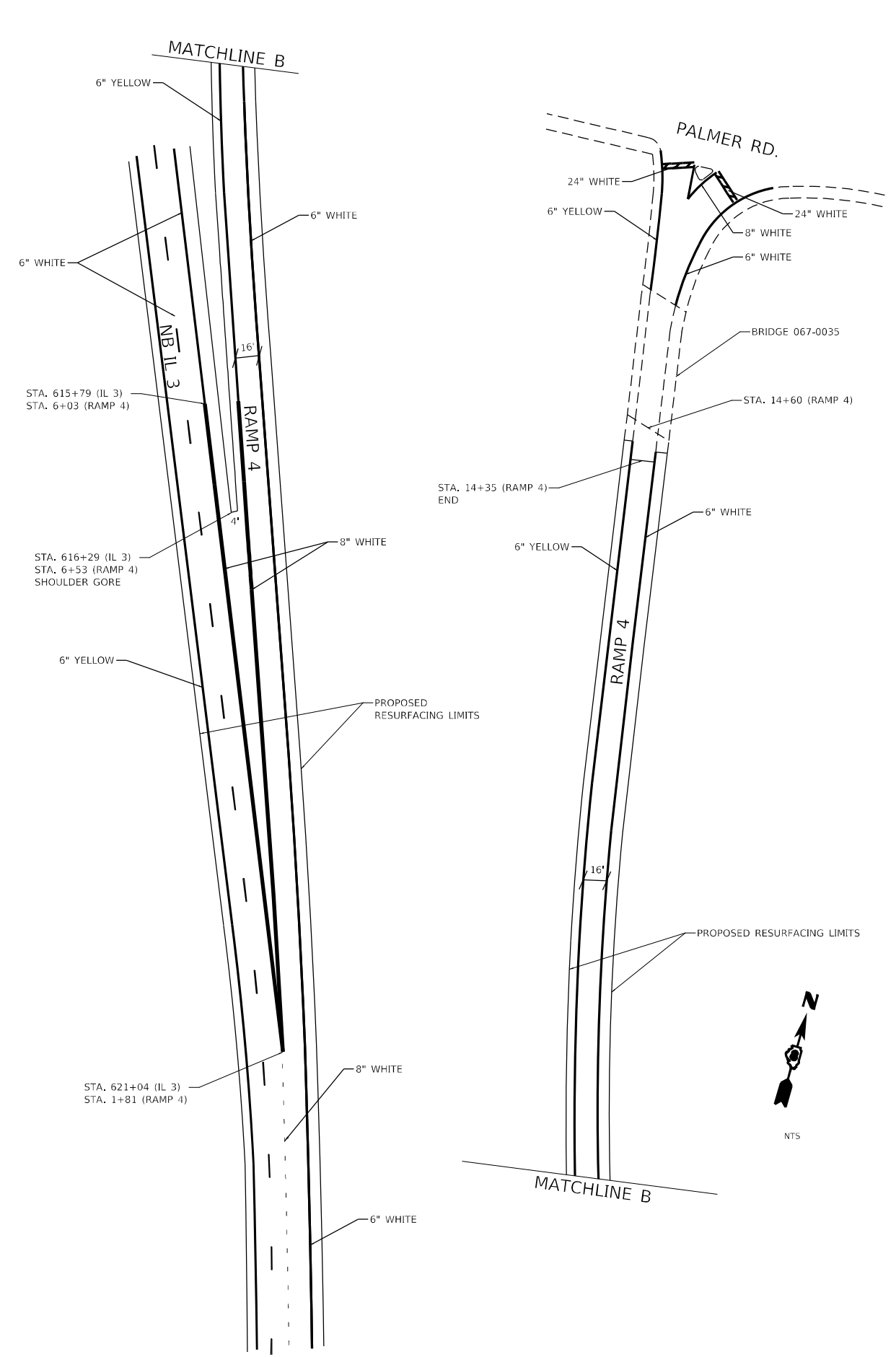
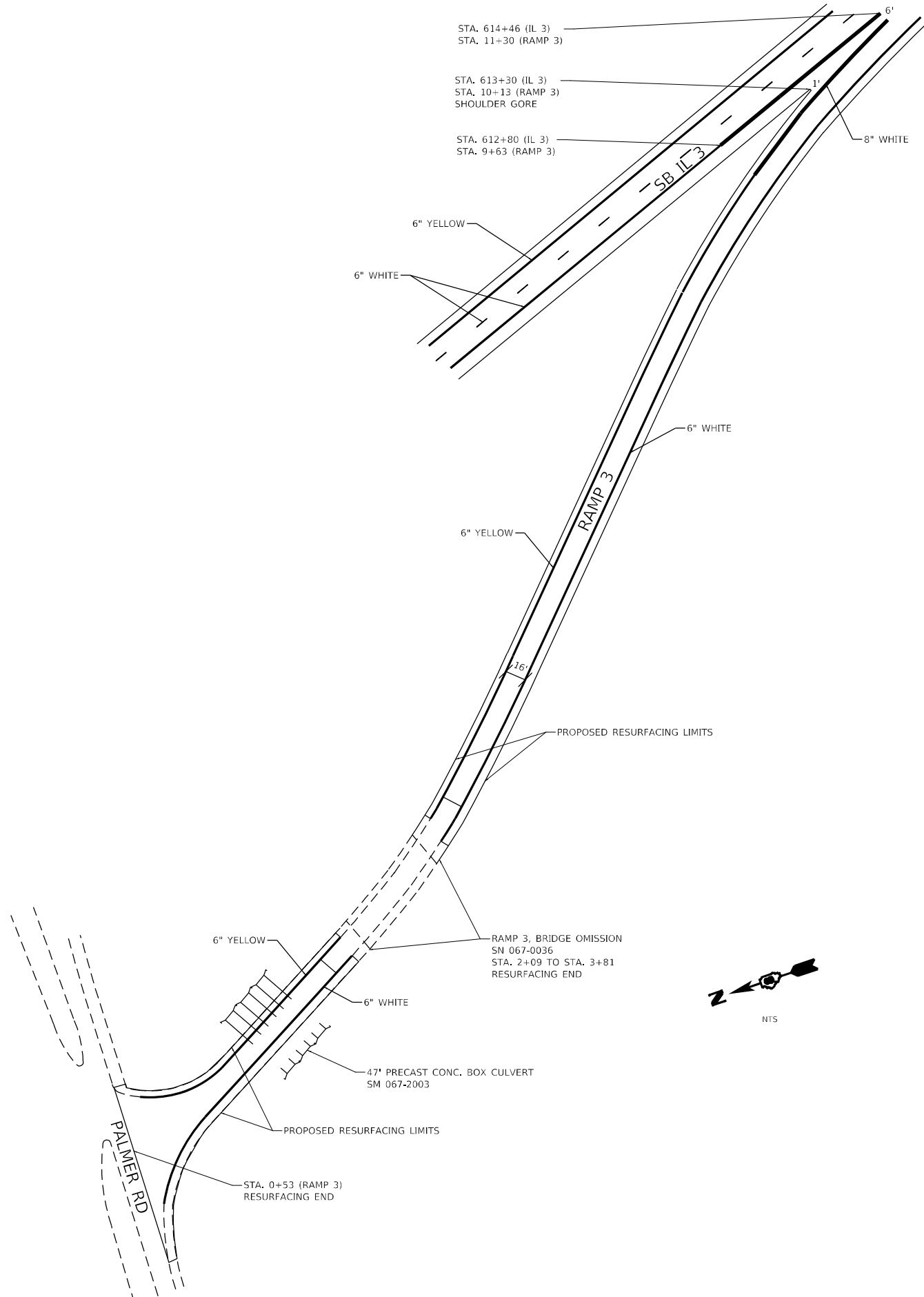
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PALMER RD. RAMPS 1 & 2 PAVEMENT MARKING DETAILS**  
 SCALE: NTS    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	49
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				

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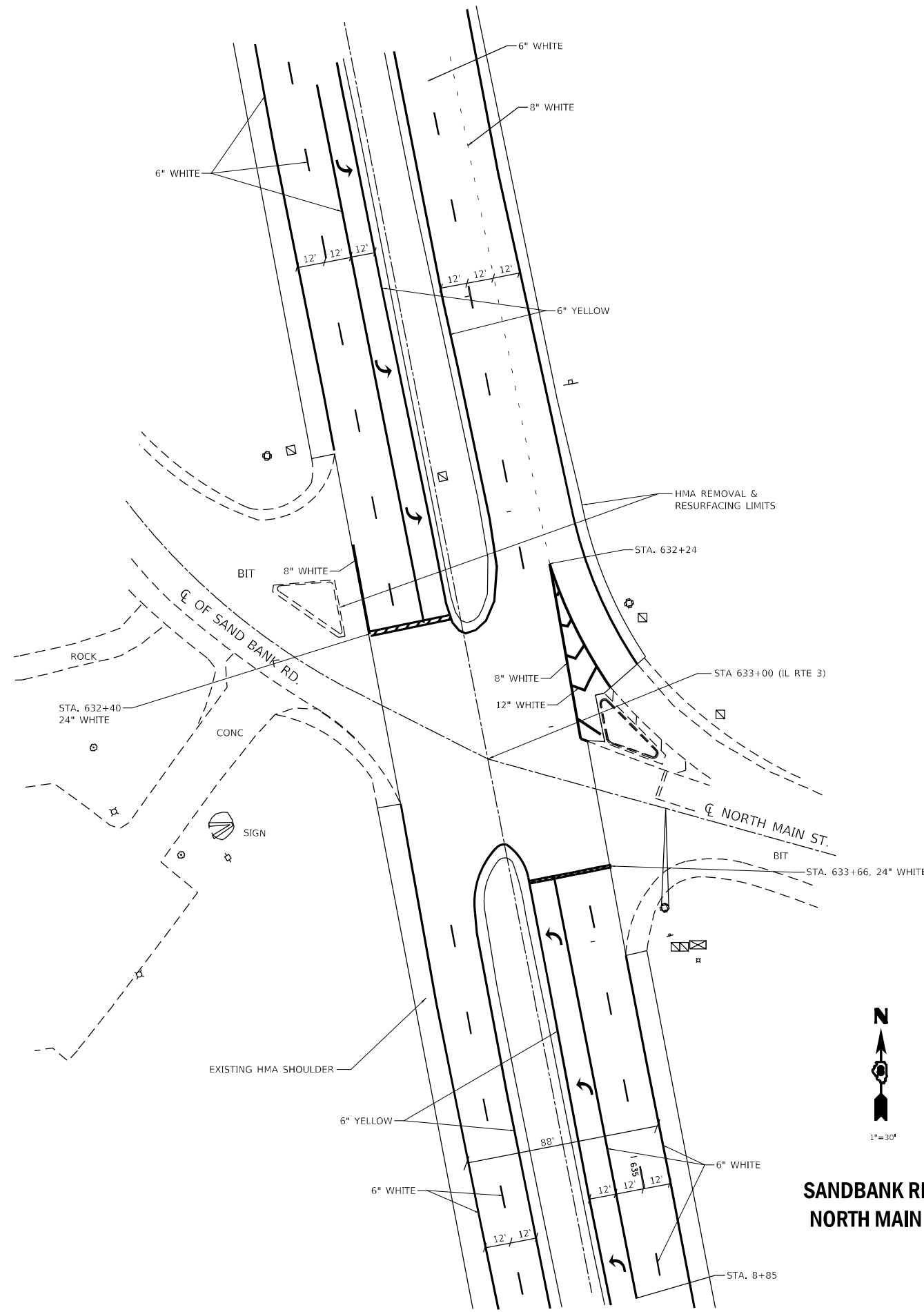
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

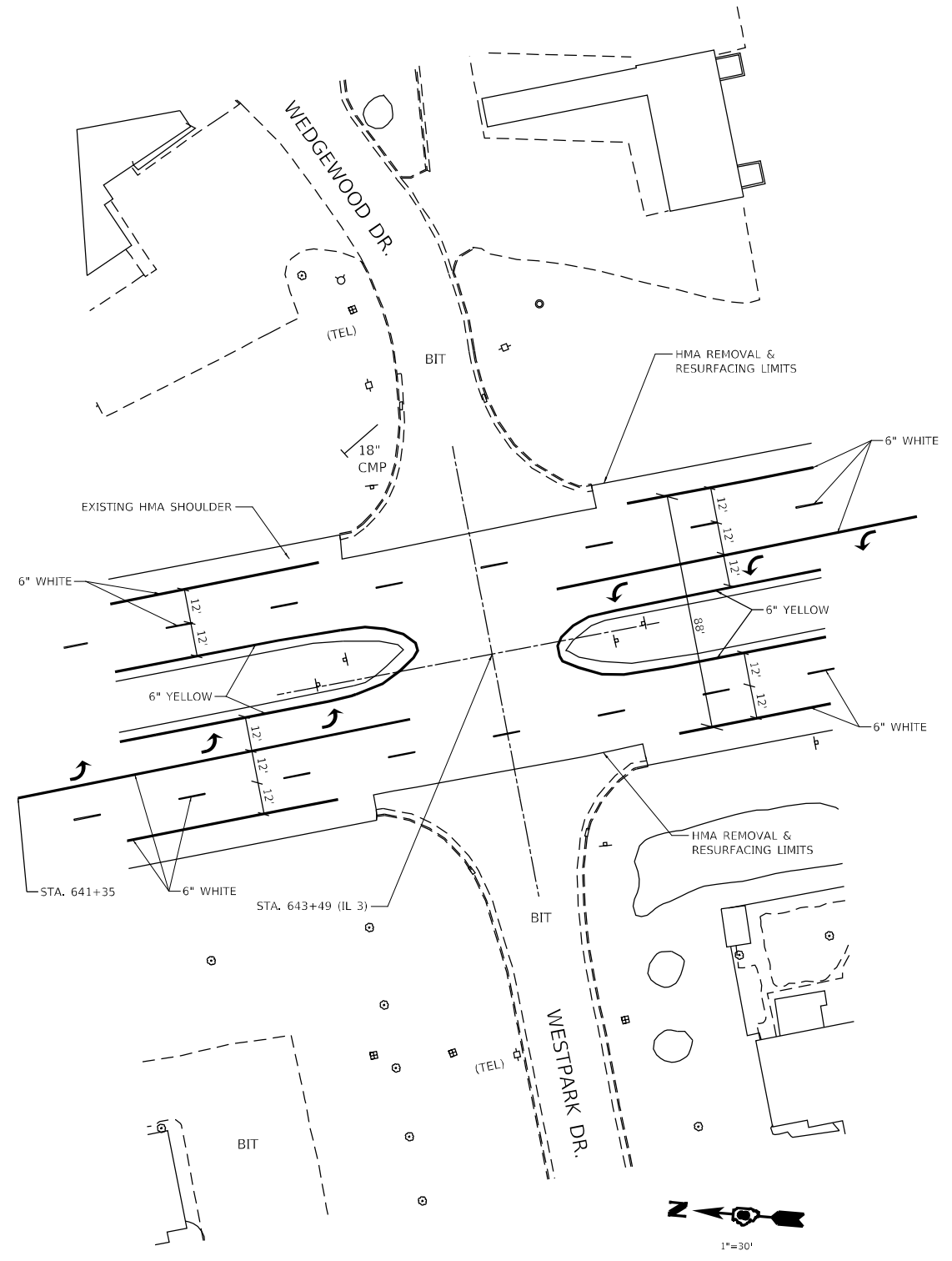
**PALMER RD. RAMPS 3 & 4 PAVEMENT MARKING DETAILS**

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

F.A.P. RTE. 312	SECTION (65-1,66-1,67-1)RS-1	COUNTY MONROE	TOTAL SHEETS 64	SHEET NO. 50
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M80	



**SANDBANK RD. & NORTH MAIN ST.**



**WESTPARK DR. & WEDGEWOOD DR.**

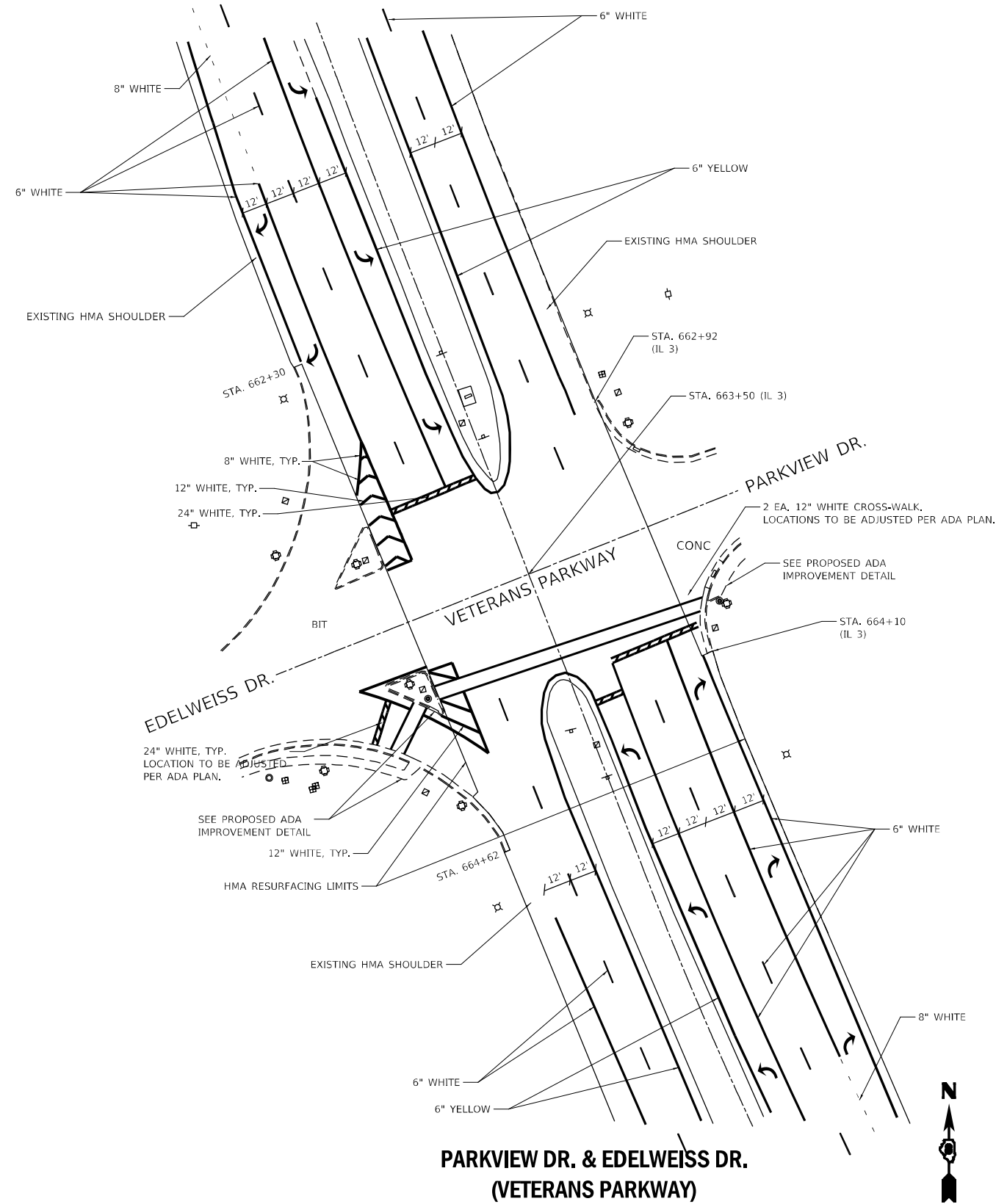
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PLOT DATE = 3/23/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

INTERSECTION PAVEMENT MARKING DETAILS			
SCALE: 1"=30'	SHEET 1	OF 1 SHEETS	STA. TO STA.

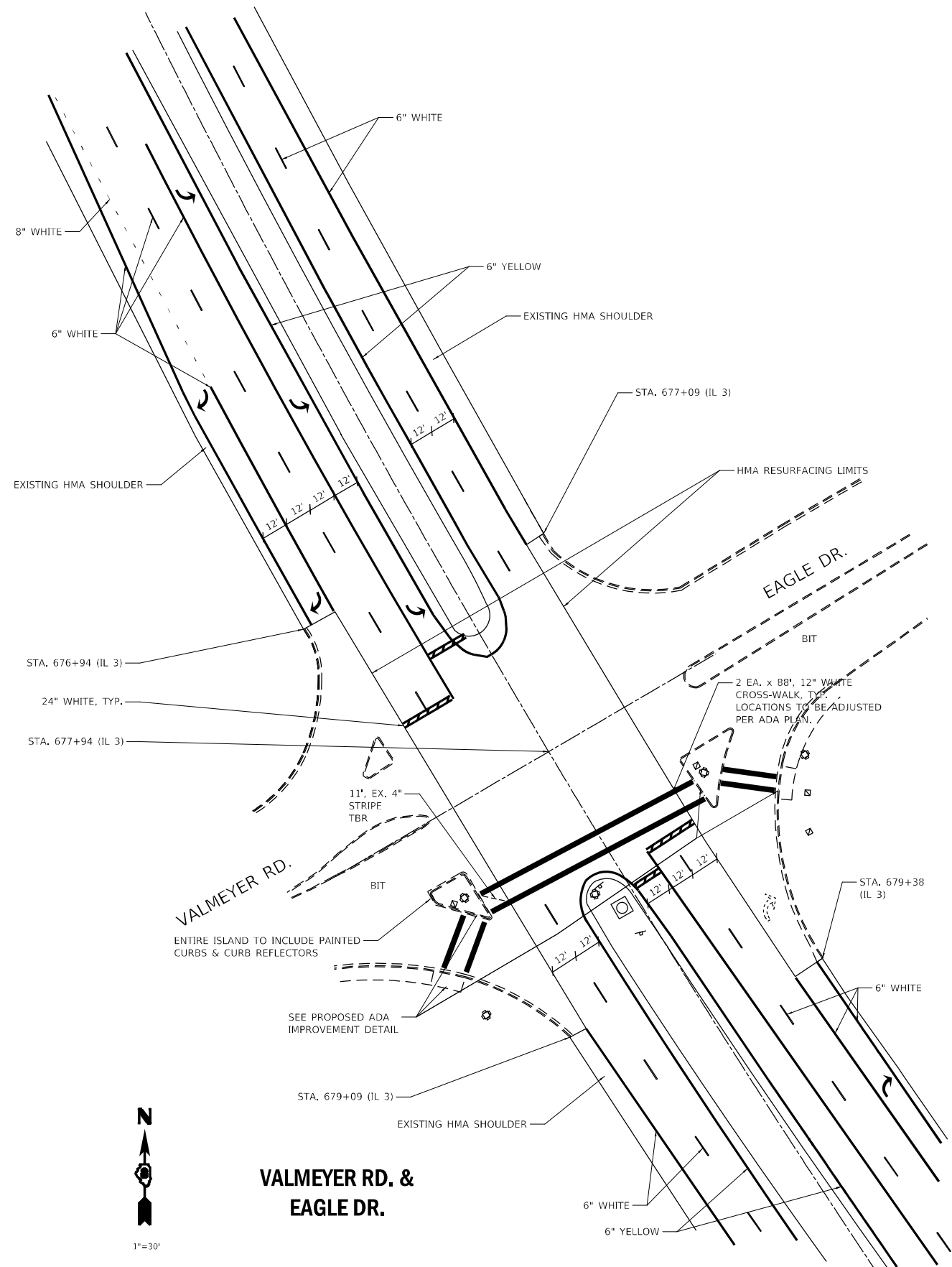
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312	(65-1,66-1,67-1)RS-1	MONROE	64	51
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	



**PARKVIEW DR. & EDELWEISS DR.  
(VETERANS PARKWAY)**



1"=30'



**VALMEYER RD. &  
EAGLE DR.**



1"=30'

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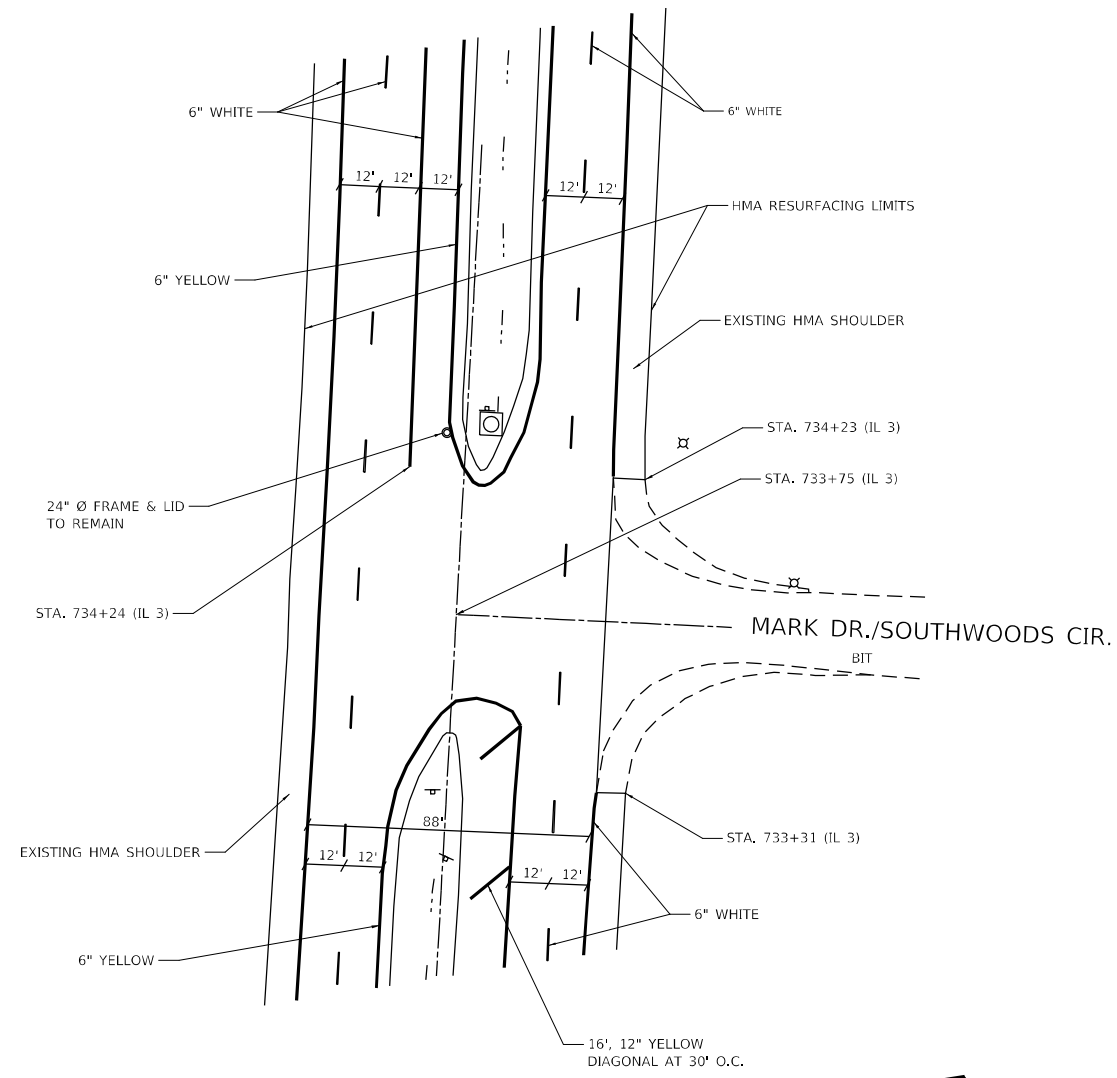
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION PAVEMENT MARKING DETAILS**

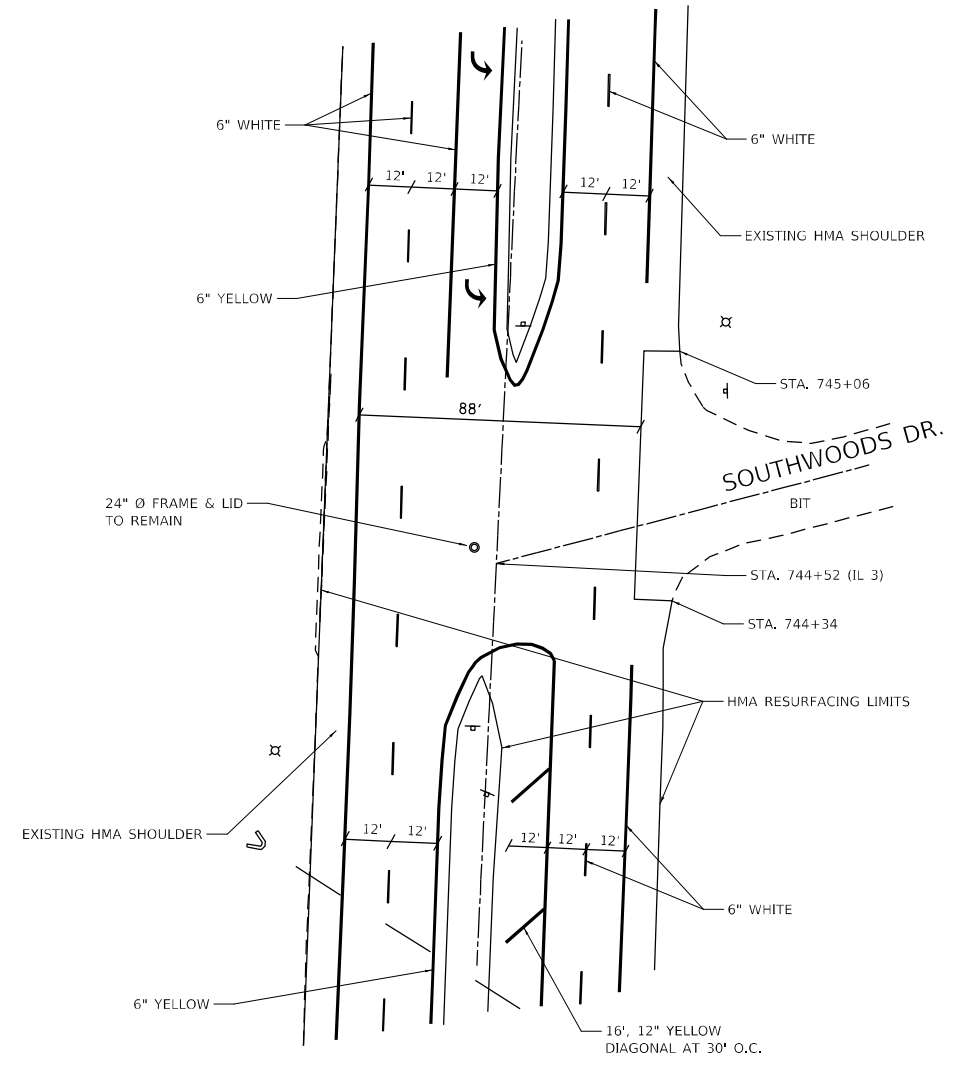
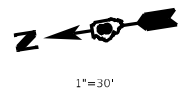
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	52
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	

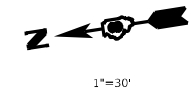




**MARK DR./SOUTHWOODS CIRCLE**



**SOUTHWOODS DR.**



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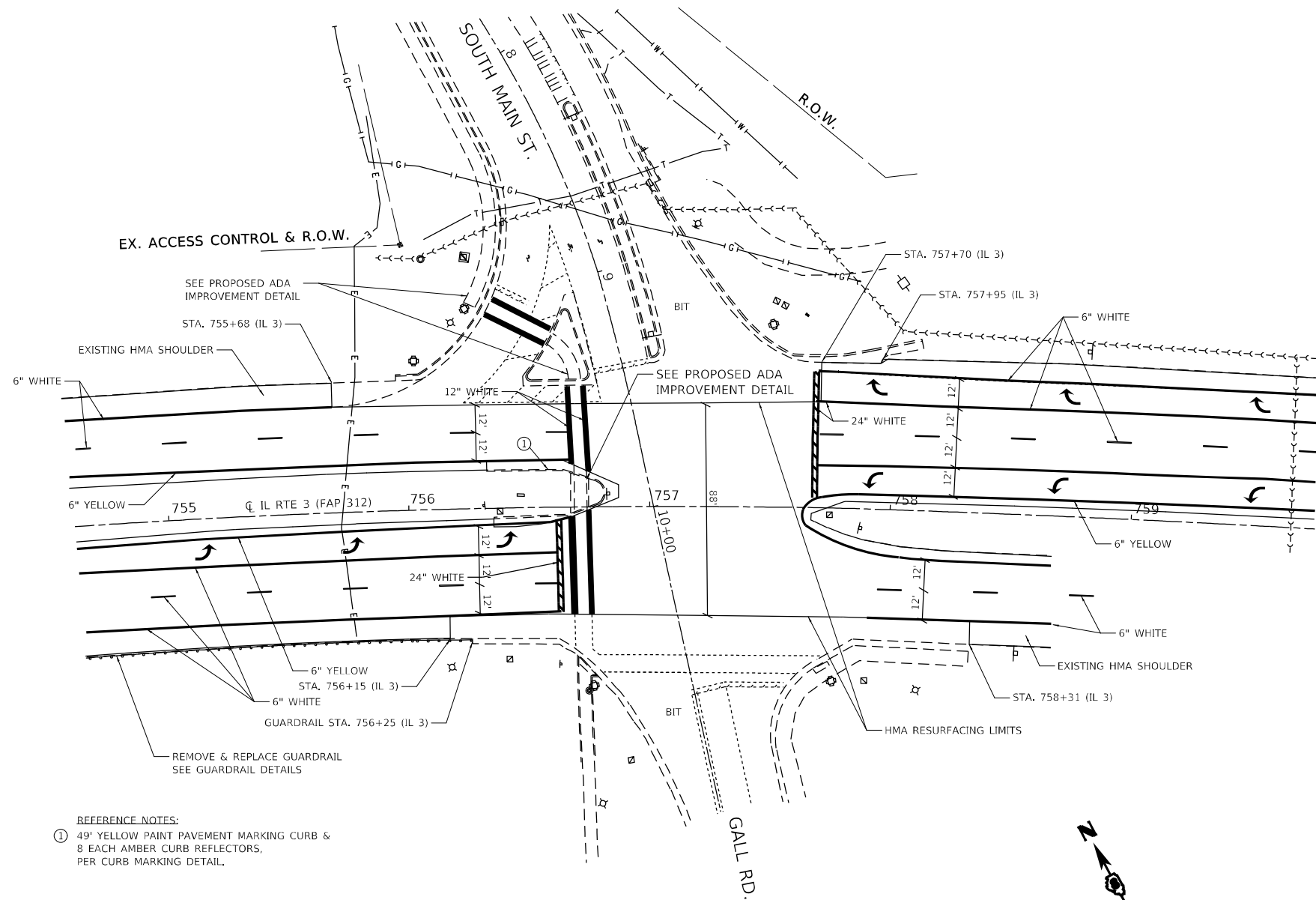
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION PAVEMENT MARKING DETAILS**

SCALE: 1"=30' SHEET 1 OF 1 SHEETS STA. TO STA.

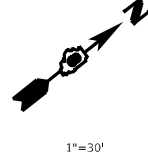
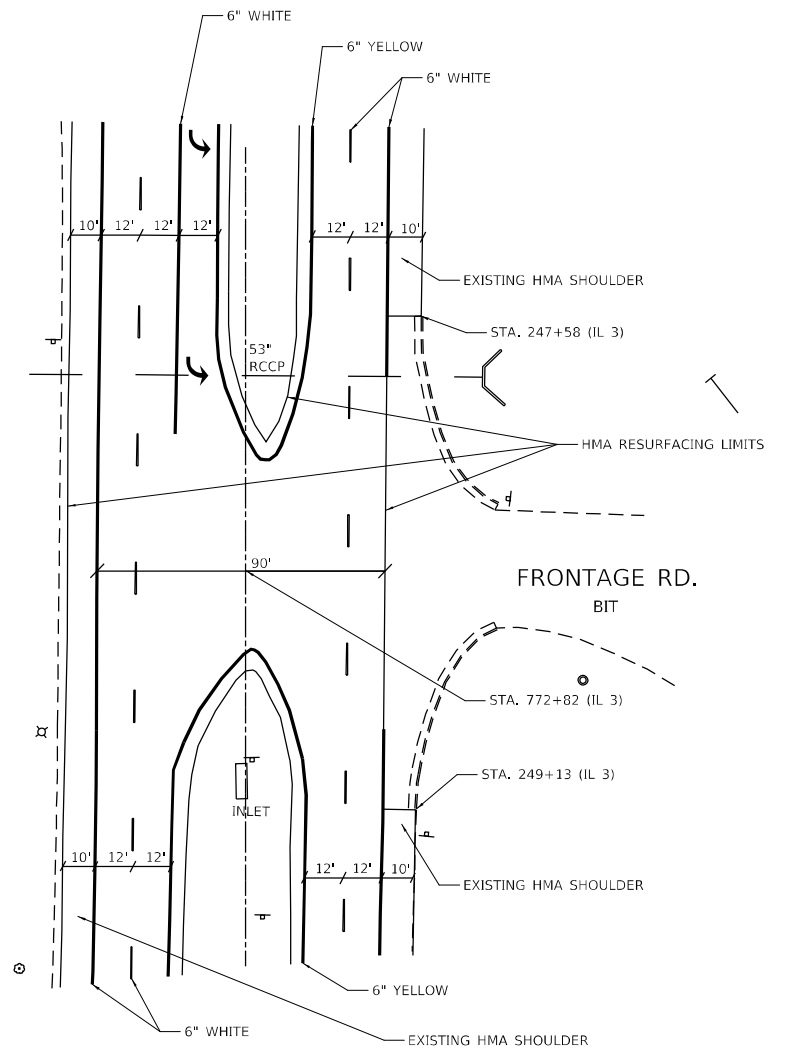
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CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				



- REFERENCE NOTES:  
 ① 49' YELLOW PAINT PAVEMENT MARKING CURB & 8 EACH AMBER CURB REFLECTORS, PER CURB MARKING DETAIL.



**GALL RD. & SOUTH MAIN ST.**



**FRONTAGE RD.**

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 DATE: 3/23/2022  
 PROJECT: 65-1,66-1,67-1RS-1  
 SHEET: 55 OF 64  
 CONTRACT: 76M80

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION PAVEMENT MARKING DETAILS**

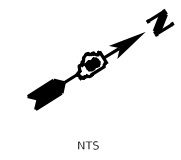
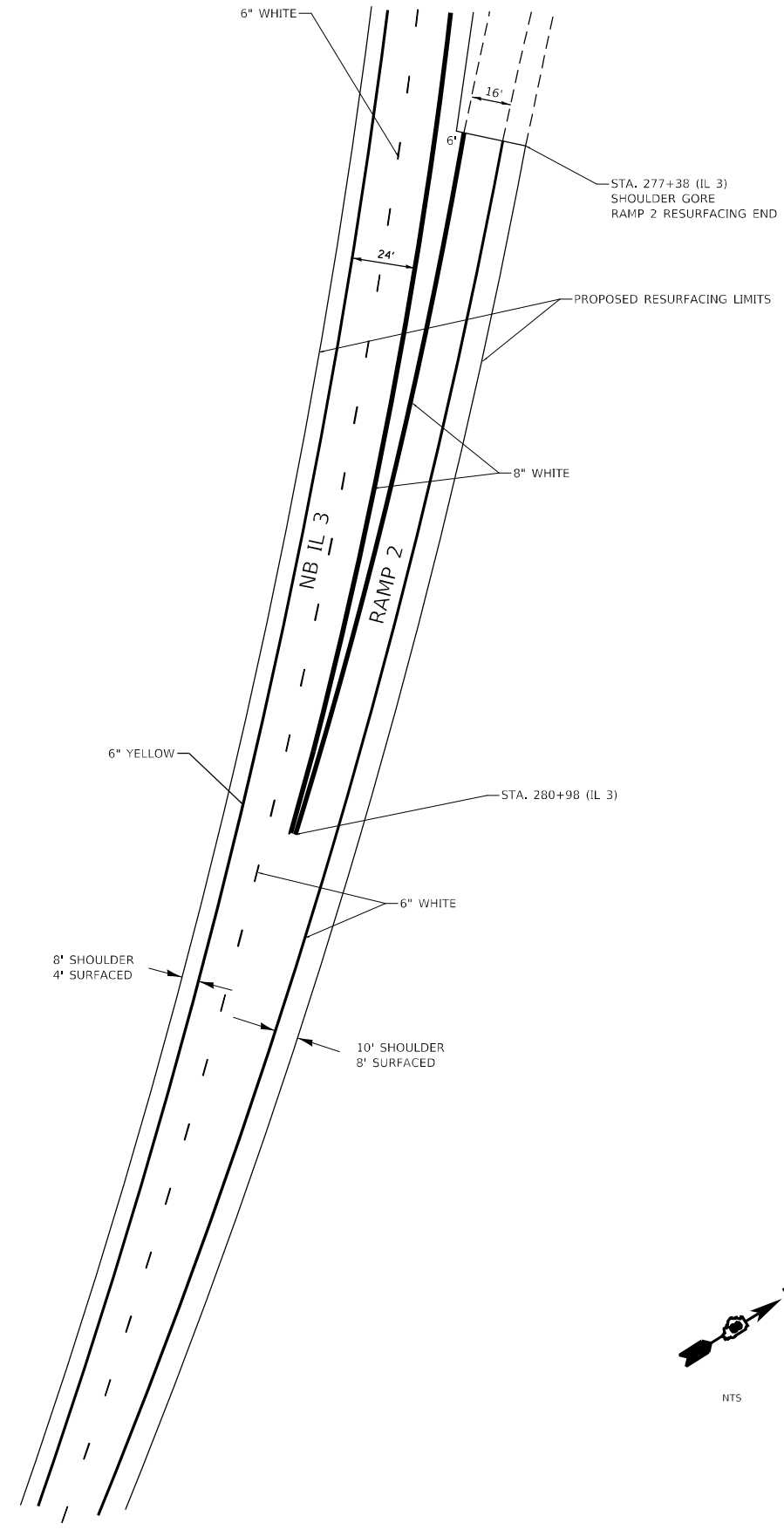
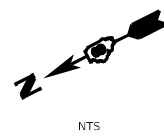
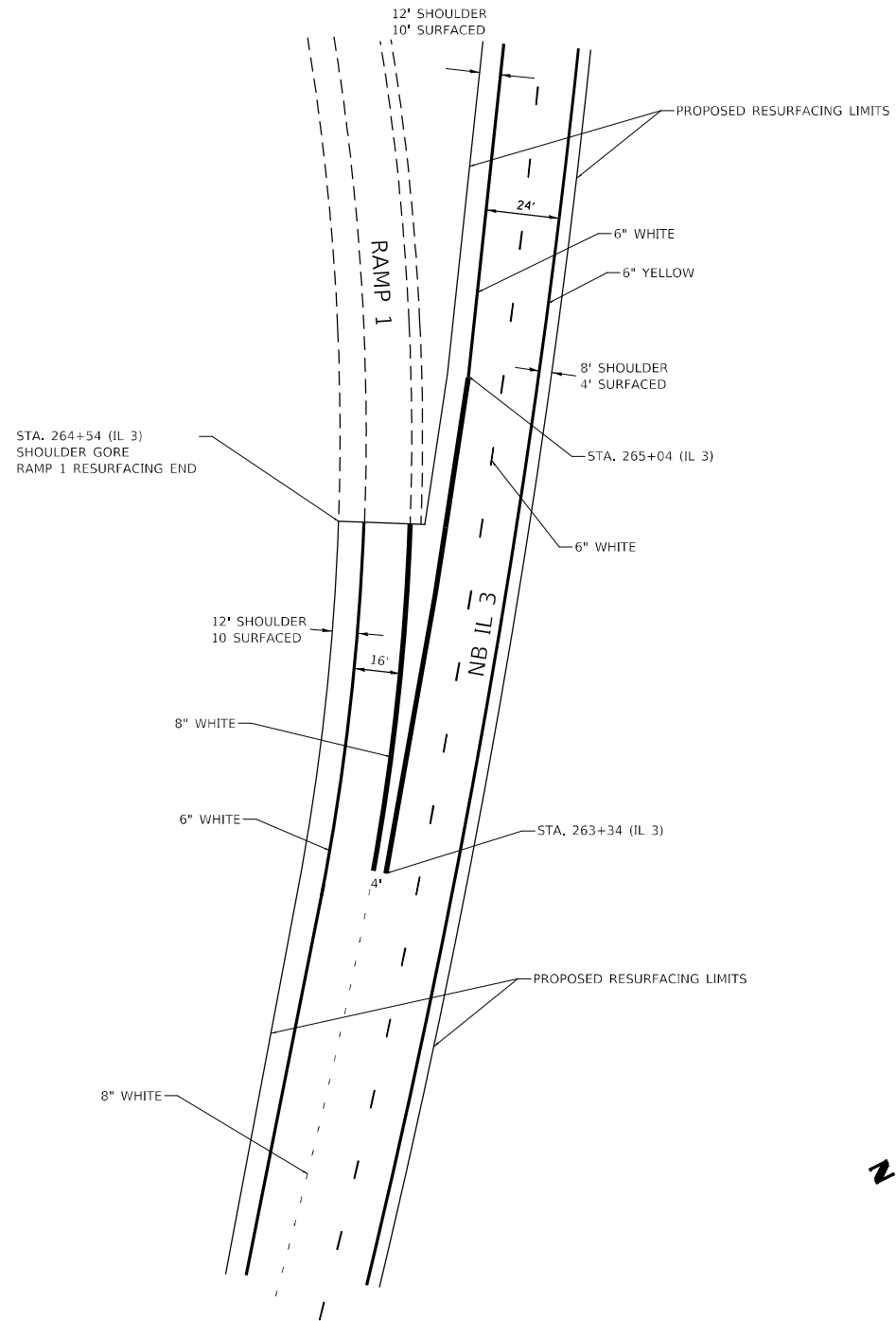
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F.A.P. RTE. 312	SECTION (65-1,66-1,67-1)RS-1	COUNTY MONROE	TOTAL SHEETS 64	SHEET NO. 55
				CONTRACT NO. 76M80
ILLINOIS FED. AID PROJECT				





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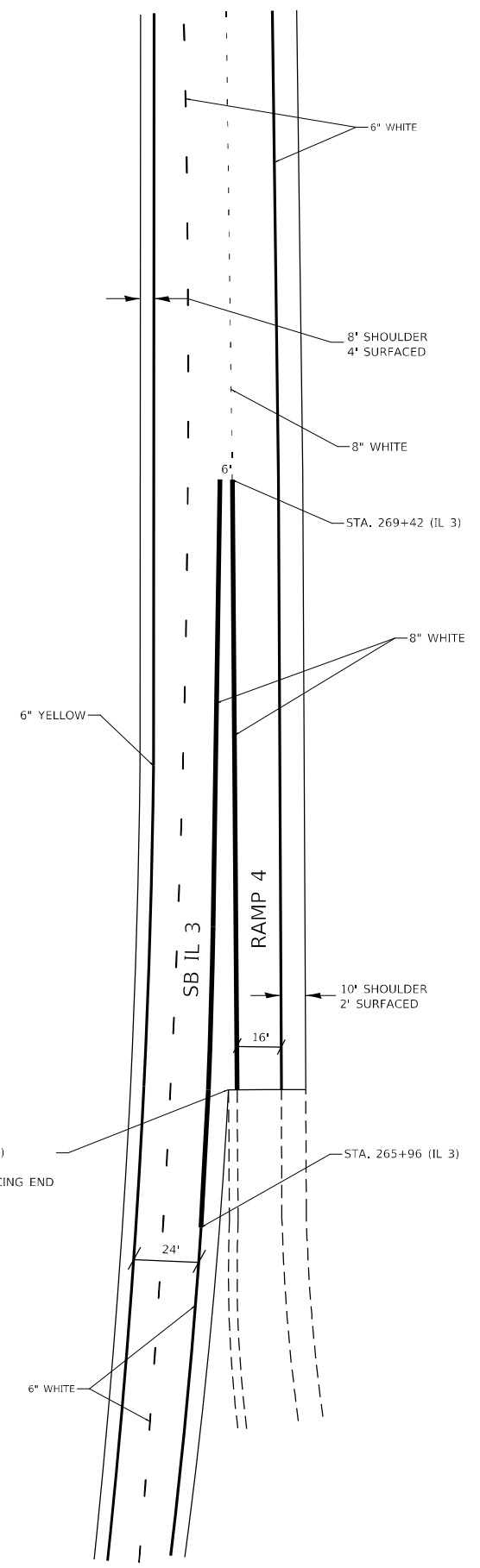
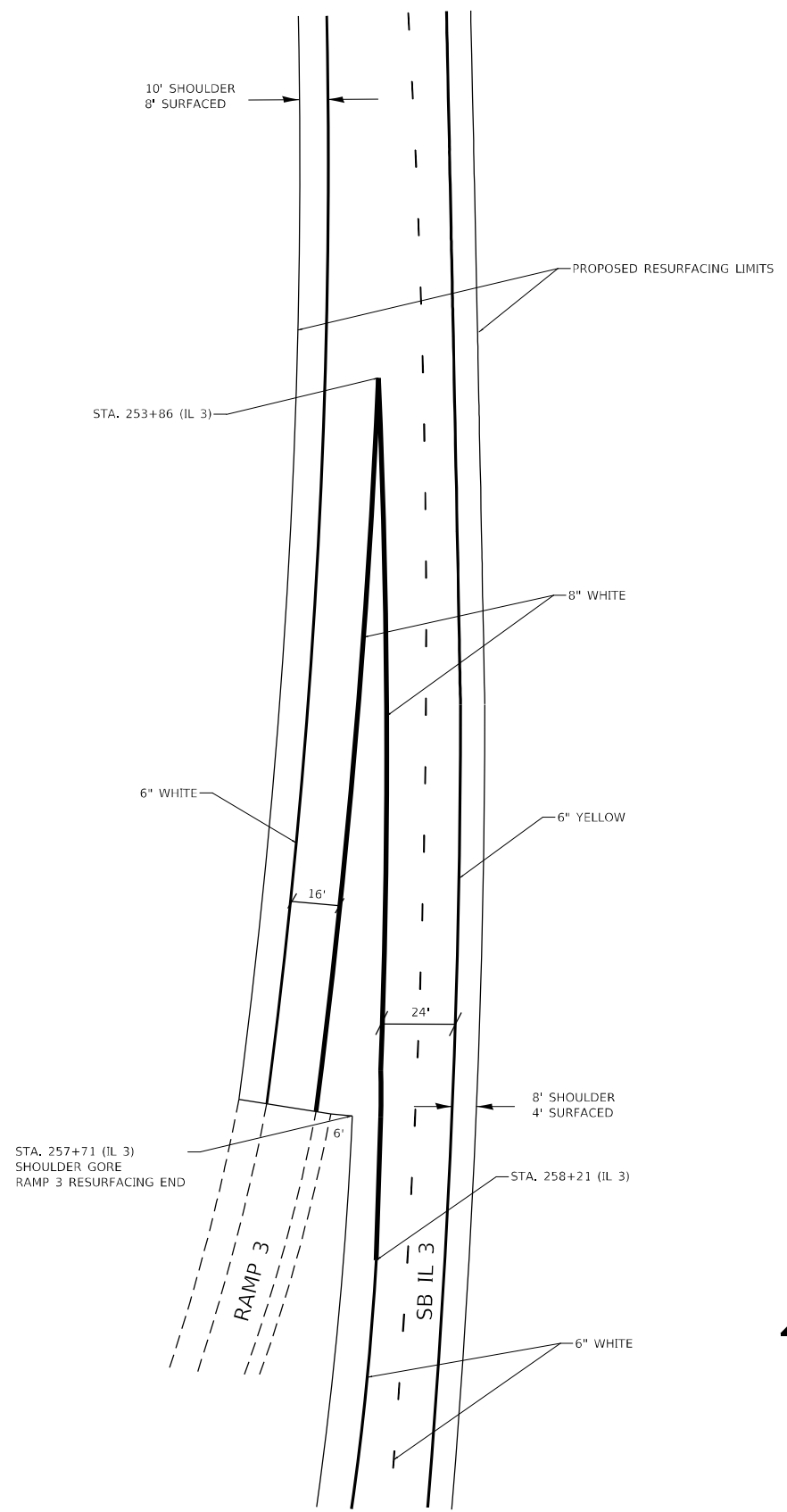
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 158 RAMPS 1 & 2 PAVEMENT MARKING DETAILS**

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

F.A.P. RTE. 312	SECTION (65-1,66-1,67-1)RS-1	COUNTY MONROE	TOTAL SHEETS 64	SHEET NO. 57
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M80	



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 158 RAMPS 3 & 4 PAVEMENT MARKING DETAILS**

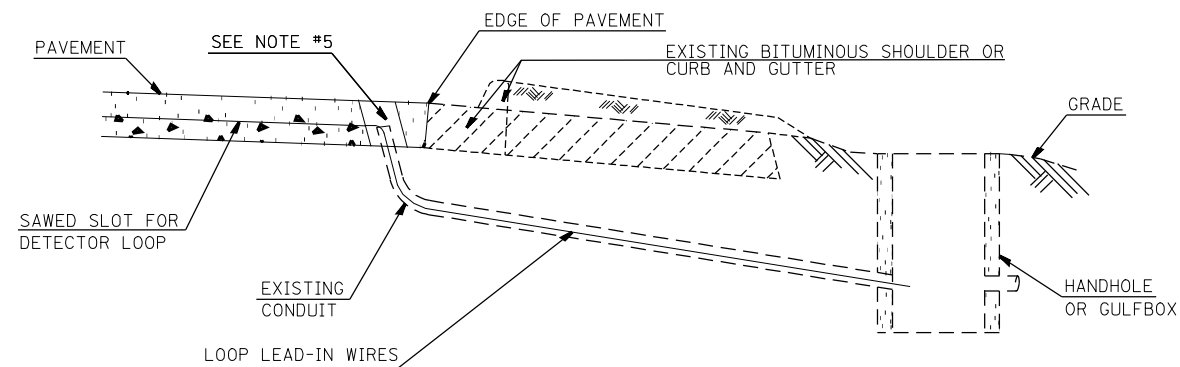
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 312	SECTION (65-1,66-1,67-1)RS-1	COUNTY MONROE	TOTAL SHEETS 64	SHEET NO. 58
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				

NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS" FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS. SEE "DETAIL A" FOR INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUITS.

SCHEDULE OF QUANTITIES			TOTAL	IL 3 & W. SAND BANK RD./N. MAIN ST.	IL 3 & EDELWEISS DR. & PARKVIEW DR. (VETERANS PKWY.)	IL 3 & VALMEYER RD./EAGLE DR.	IL 3 & ADMIRAL WEINEL BLVD./W. BOTTOM AVE.	IL 3 & GALL RD./S. MAIN ST.
CODE NO	ITEM	UNIT	QUANTITIES					
80300100	LOCATING UNDERGROUND CABLE	FOOT	240	40	40	60	60	40
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	10			10		
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	91		5	8		70
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	5		5			
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	8			8		
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2		1	1		
87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	1					1
87600200	PEDESTRIAN PUSH-BUTTON POST, TYPE II	EACH	2		1			1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3					3
87900200	DRILL EXISTING HANDHOLE	EACH	2					2
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1					1
88600600	DETECTOR LOOP REPLACEMENT	FOOT	8759	2239	863	2403	2420	834
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1944					1944
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	8		4	2		2
89502380	REMOVE EXISTING HANDHOLE	EACH	2		1	1		
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	7		1	2		4



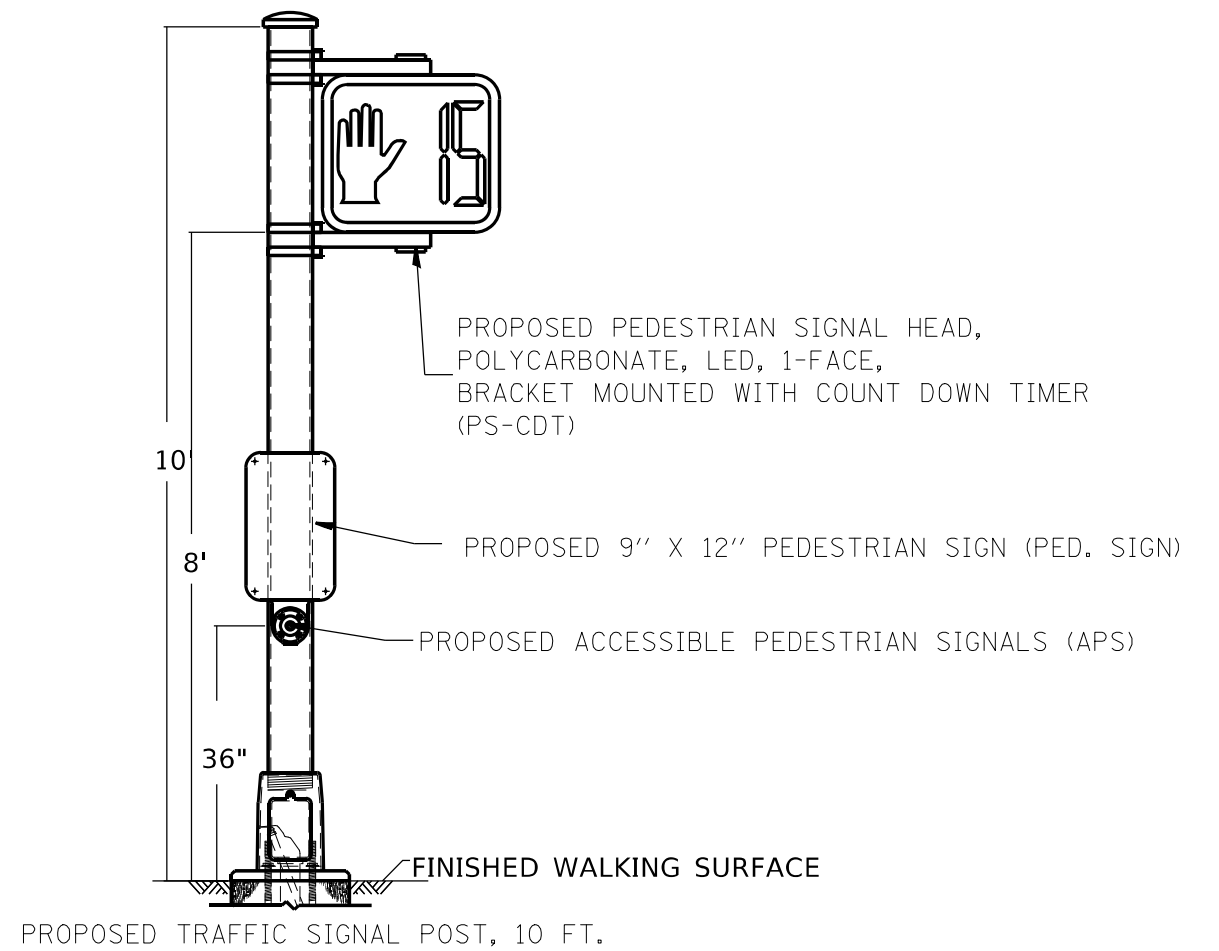
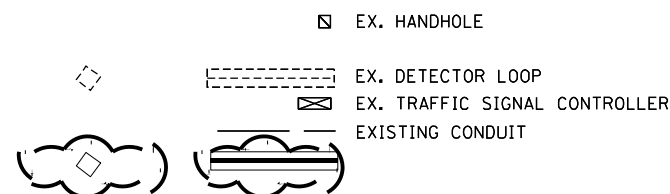
**DETAIL A**  
(NO SCALE)

**INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT**

1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBOX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBOX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.
6. LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPARATELY.

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

**PROPOSED DETECTOR LOOP  
DETECTOR LOOP REPLACEMENT LEGEND**



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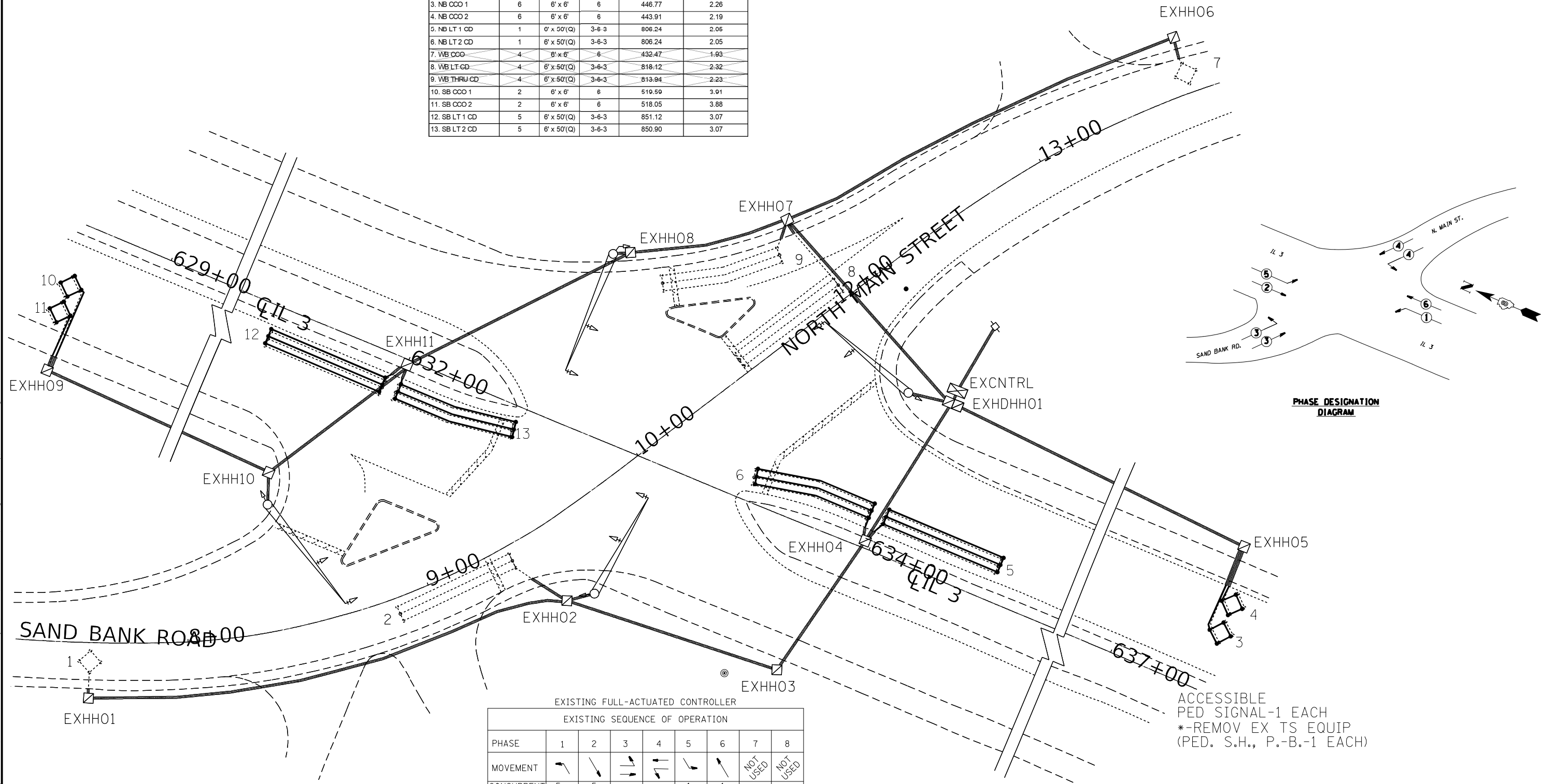
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT  
GENERAL NOTES, SCHEDULE OF QUANTITIES,  
DETAIL AND LEGEND**

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

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	59
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	

DETECTOR LOOP 161 REQUIREMENTS AND CALCULATIONS					
FOR I 3 & W. SAND BANK RD. / N. MAIN ST.					
LOOP#	PHASE#	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB CCO	3	6' x 6'	7	499.79	3.46
2. EB THRU CD	3	6' x 50'(Q)	3-6-3	844.08	2.91
3. NB CCO 1	6	6' x 6'	6	446.77	2.26
4. NB CCO 2	6	6' x 6'	6	443.91	2.19
5. NB LT 1 CD	1	0' x 50'(Q)	3-6-3	806.24	2.05
6. NB LT 2 CD	1	6' x 50'(Q)	3-6-3	806.24	2.05
7. WB CCO	4	6' x 6'	6	432.47	1.93
8. WB LT CD	4	6' x 50'(Q)	3-6-3	818.12	2.32
9. WB THRU CD	4	6' x 50'(Q)	3-6-3	813.94	2.23
10. SB CCO 1	2	6' x 6'	6	519.59	3.91
11. SB CCO 2	2	6' x 6'	6	518.05	3.88
12. SB LT 1 CD	5	6' x 50'(Q)	3-6-3	851.12	3.07
13. SB LT 2 CD	5	6' x 50'(Q)	3-6-3	850.90	3.07



EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION

PHASE	1	2	3	4	5	6	7	8
MOVEMENT							NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		

ACCESSIBLE PED SIGNAL-1 EACH  
 \*-REMOV EX TS EQUIP  
 (PED. S.H., P.-B.-1 EACH)

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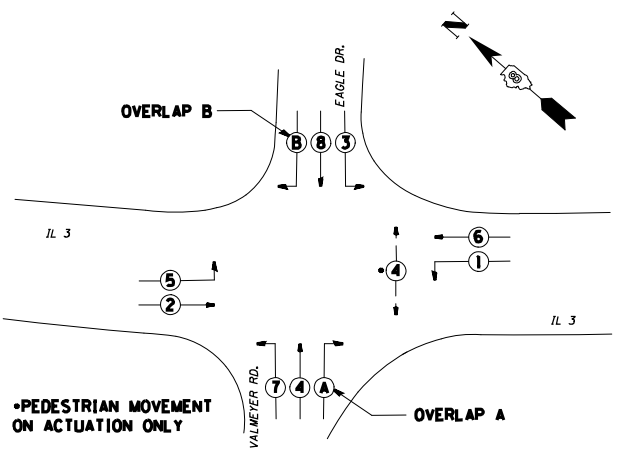
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

I 3 & W. SAND BANK RD./N. MAIN ST.  
 DETECTOR LOOP REPLACEMENT PLAN

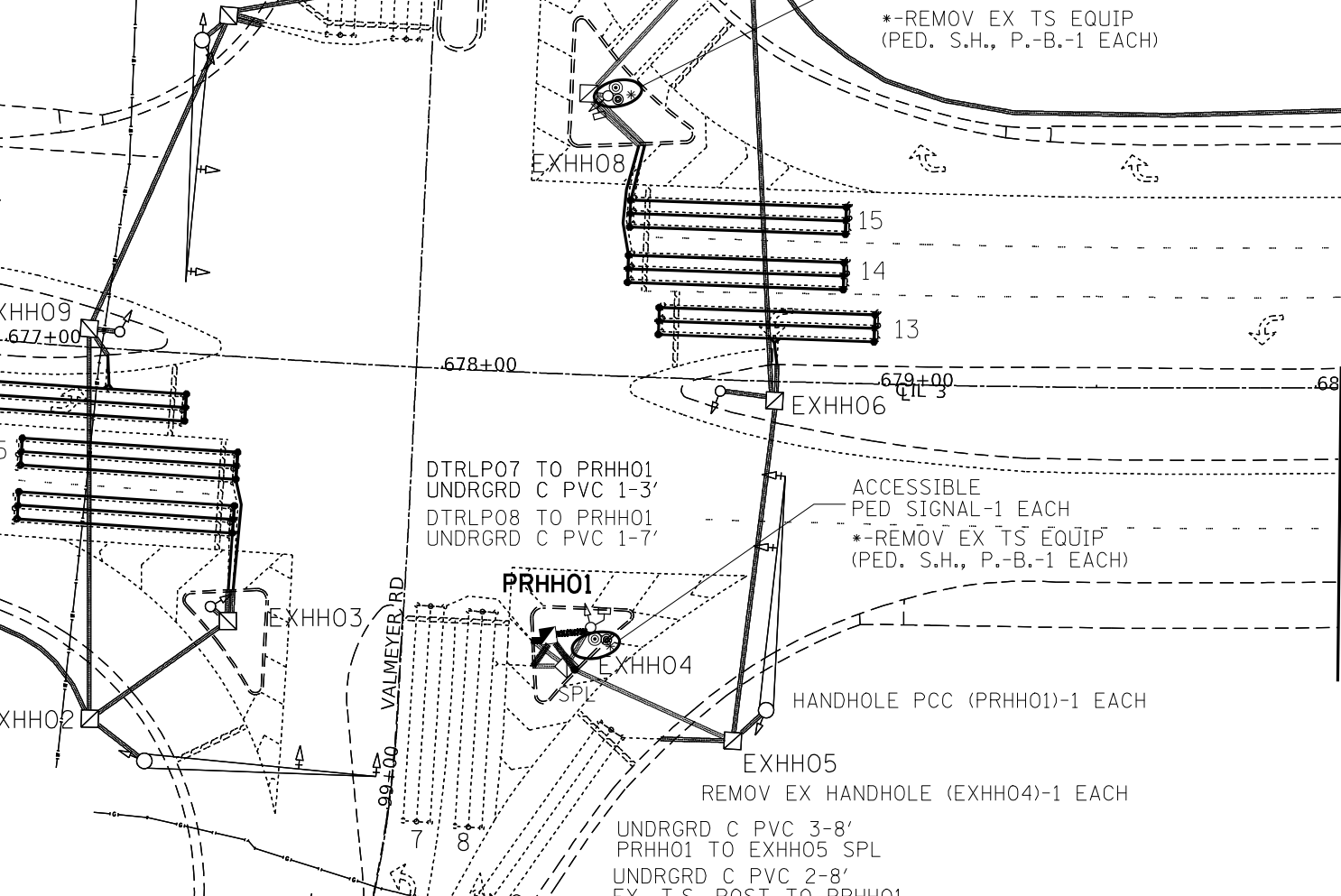
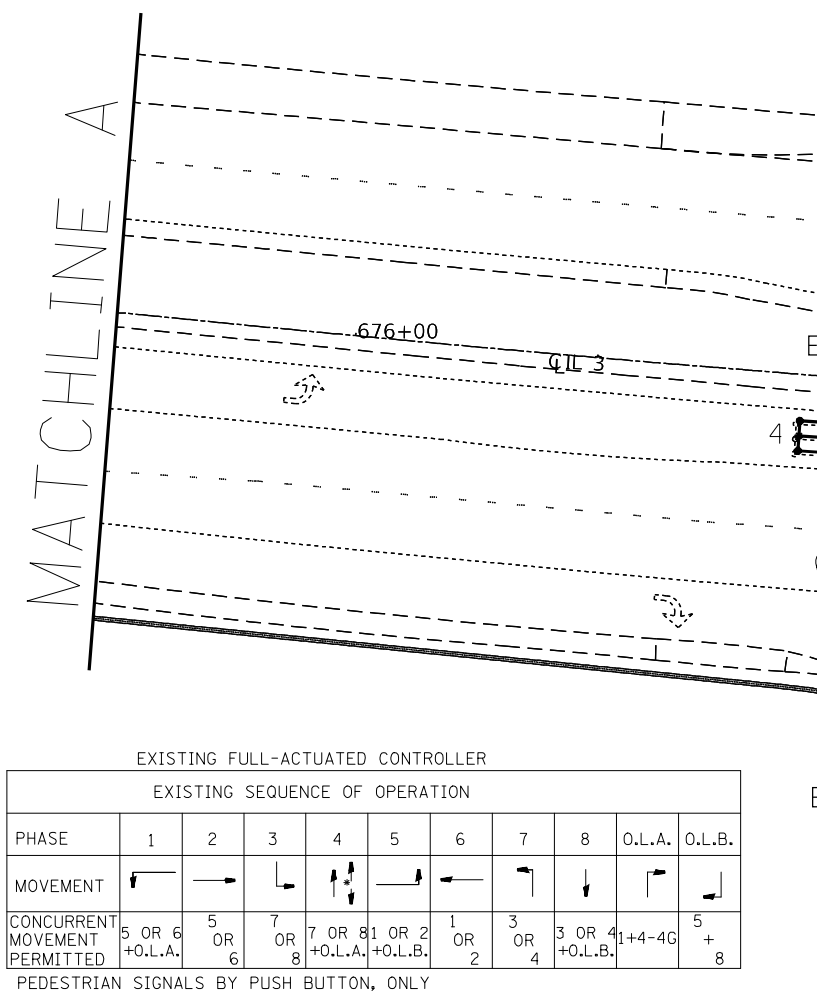
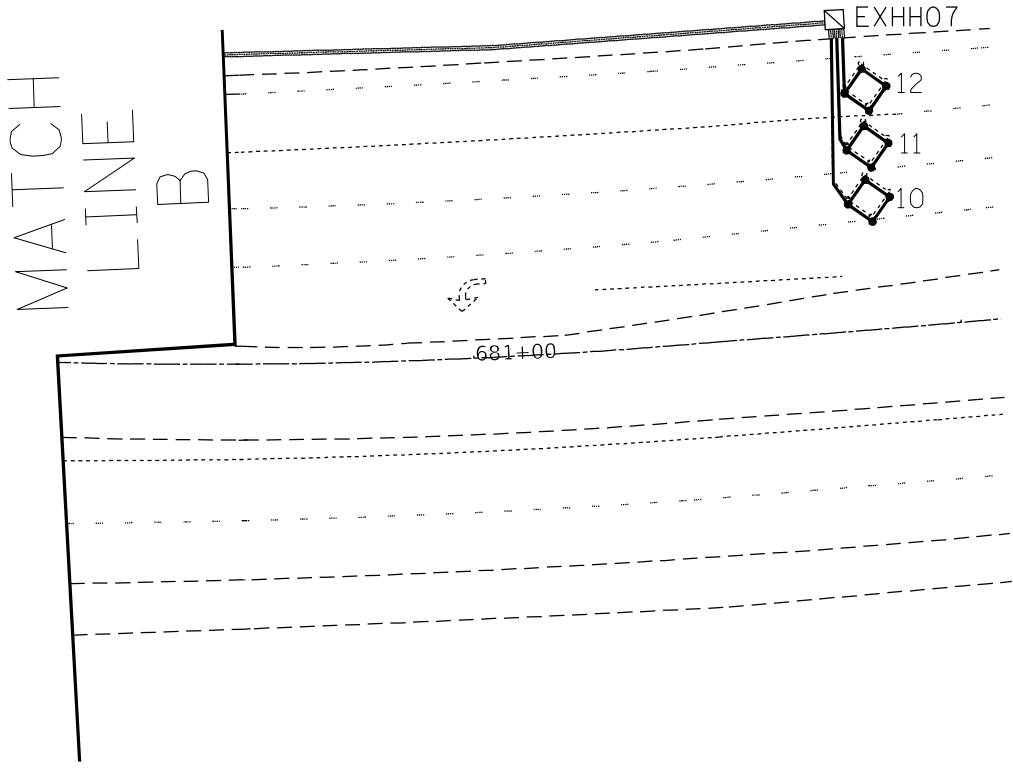
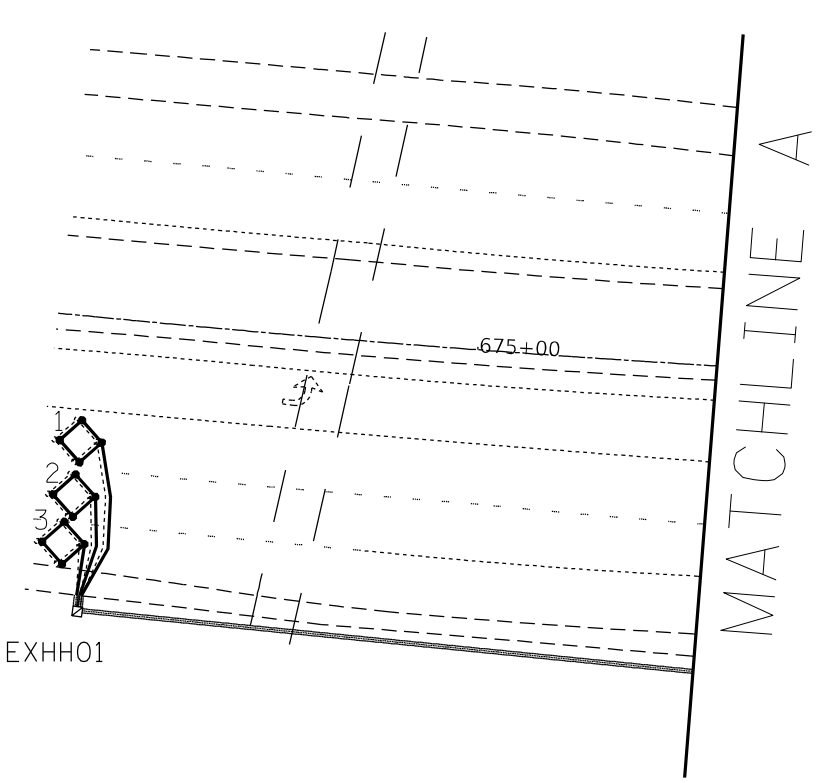
SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	60
CONTRACT NO. 76M80			ILLINOIS FED. AID PROJECT	





PHASE DESIGNATION DIAGRAM



EXISTING FULL-ACTUATED CONTROLLER  
EXISTING SEQUENCE OF OPERATION

PHASE	1	2	3	4	5	6	7	8	O.L.A.	O.L.B.
MOVEMENT	←	→	↙	↘	↕	↔	↕	↔		
CONCURRENT MOVEMENT PERMITTED	5 OR 6 +O.L.A.	5 OR 6	7 OR 8	7 OR 8 +O.L.A.	8 OR 1 +O.L.B.	1 OR 2	3 OR 4	3 OR 4 +O.L.B.	1+4-4G	5 +

PEDESTRIAN SIGNALS BY PUSH BUTTON, ONLY

DTRLPO7 TO PRHH01  
UNDRGRD C PVC 1-3'  
DTRLPO8 TO PRHH01  
UNDRGRD C PVC 1-7'

ACCESSIBLE PED SIGNAL-1 EACH  
\*-REMOV EX TS EQUIP (PED. S.H., P.-B.-1 EACH)

HANDHOLE PCC (PRHH01)-1 EACH  
EXHH05  
REMOV EX HANDHOLE (EXHH04)-1 EACH

UNDRGRD C PVC 3-8'  
PRHH01 TO EXHH05 SPL  
UNDRGRD C PVC 2-8'  
EX. T.S. POST TO PRHH01

DETECTOR LOOP 161 REQUIREMENTS AND CALCULATIONS  
FOR IL 3 & VALMEYER RD. / EAGLE DR.

LOOP#	PHASE#	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. SE CCO 1	8	6' x 6'	6	376.32	3.12
2. SE CCO 2	8	6' x 6'	6	373.68	3.06
3. SE CCO 3	8	6' x 6'	6	371.48	3.01
4. SE LT CD	3	6' x 50'(Q)	3-6-3	812.40	2.19
5. SE THRU 1 CD	8	6' x 50'(Q)	3-6-3	854.42	3.15
6. SE THRU 2 CD	8	6' x 50'(Q)	3-6-3	851.78	3.09
7. EB LT CD	5	6' x 50'(Q)	3-6-3	850.02	3.05
8. EB THRU CD	2	6' x 50'(Q)	3-6-3	846.84	2.95
9. EB RT CD	2	6' x 50'(Q)	3-6-3	83.92	2.77
10. NB CCO 1	4	6' x 6'	6	338.04	2.25
11. NB CCO 2	4	6' x 6'	6	335.40	2.19
12. NB CCO 3	4	6' x 6'	6	332.76	2.13
13. NB LT CD	7	6' x 50'(Q)	3-6-3	817.68	2.31
14. NB THRU 1 CD	4	6' x 50'(Q)	3-6-3	868.28	3.46
15. NB THRU 2 CD	4	6' x 50'(Q)	3-6-3	865.42	3.40
16. VB LT CD	1	6' x 50'(Q)	3-6-3	816.14	2.28
17. VB THRU CD	7	6' x 50'(Q)	3-6-3	811.30	2.17

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PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 3/23/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

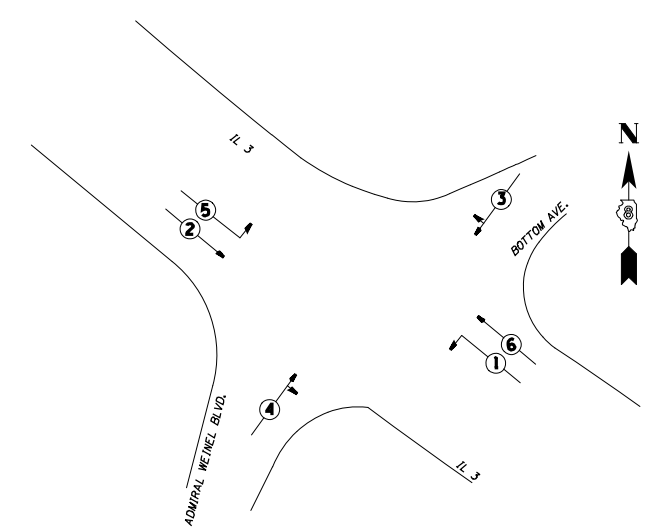
IL 3 & VALMEYER RD./EAGLE DR.  
DETECTOR LOOP REPLACEMENT PLAN

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

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1,66-1,67-1)RS-1	MONROE	64	62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76M80	

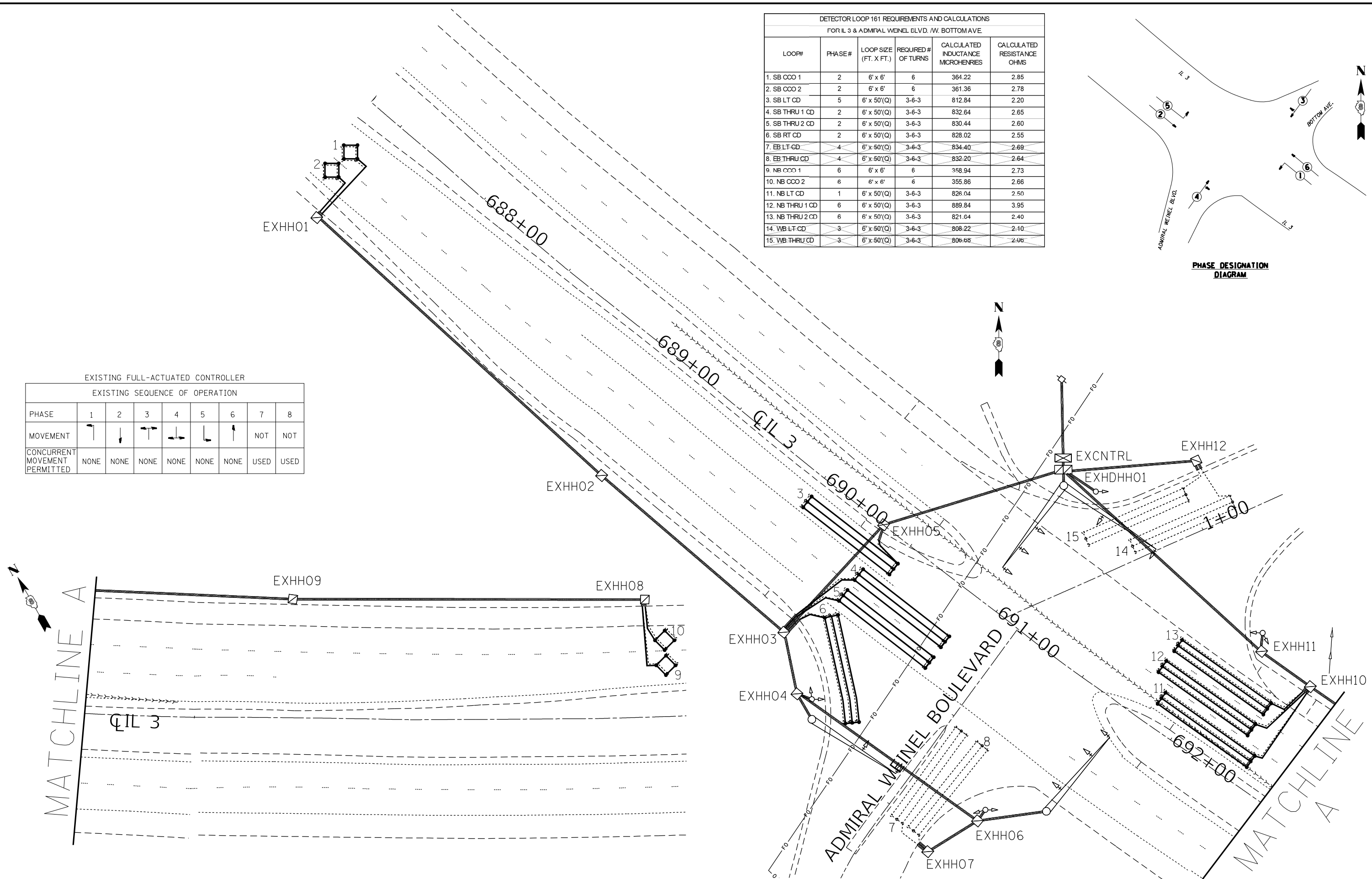
**DETECTOR LOOP 161 REQUIREMENTS AND CALCULATIONS**  
FOR IL 3 & ADMIRAL WEINEL BLVD. /W. BOTTOM AVE

LOOP#	PHASE#	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. SB COO 1	2	6' x 6'	6	364.22	2.85
2. SB COO 2	2	6' x 6'	6	361.36	2.78
3. SB LT CD	5	6' x 50'(Q)	3-6-3	812.84	2.20
4. SB THRU 1 CD	2	6' x 50'(Q)	3-6-3	832.64	2.65
5. SB THRU 2 CD	2	6' x 50'(Q)	3-6-3	830.44	2.60
6. SB RT CD	2	6' x 50'(Q)	3-6-3	828.02	2.55
7. EB LT CD	4	6' x 50'(Q)	3-6-3	834.40	2.69
8. EB THRU CD	4	6' x 50'(Q)	3-6-3	832.20	2.64
9. NB COO 1	6	6' x 6'	6	358.94	2.73
10. NB COO 2	6	6' x 6'	6	355.86	2.66
11. NB LT CD	1	6' x 50'(Q)	3-6-3	826.04	2.50
12. NB THRU 1 CD	6	6' x 50'(Q)	3-6-3	889.84	3.95
13. NB THRU 2 CD	6	6' x 50'(Q)	3-6-3	821.64	2.40
14. WB LT CD	3	6' x 50'(Q)	3-6-3	808.22	2.10
15. WB THRU CD	3	6' x 50'(Q)	3-6-3	806.68	2.06



EXISTING FULL-ACTUATED CONTROLLER  
EXISTING SEQUENCE OF OPERATION

PHASE	1	2	3	4	5	6	7	8
MOVEMENT	↖	↘	↔	↕	↗	↙	NOT	NOT
CONCURRENT MOVEMENT PERMITTED	NONE	NONE	NONE	NONE	NONE	NONE	USED	USED

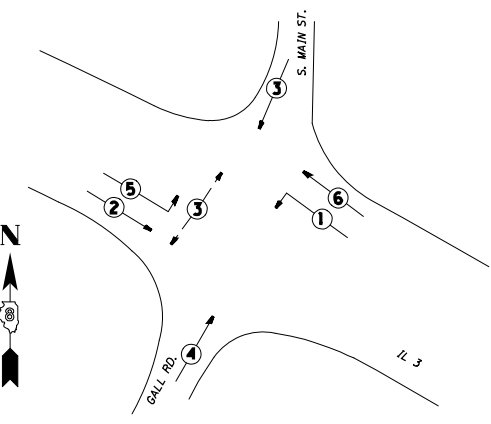


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EXISTING FULL-ACTUATED CONTROLLER								
EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT							NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		

PEDESTRIAN SIGNALS BY PUSH BUTTON, ONLY



PHASE DESIGNATION DIAGRAM

MATCHLINE A

MATCHLINE A

CONC FDN TY A-3'  
TS POST A 10-1 EACH  
PED SH P LED 1F BM CT-1 EACH  
ACCESSIBLE  
PED SIGNAL-1 EACH  
DRILL EX HANDHOLE-1 EACH  
UNDRGRD C PVC 2-54'

-EXHH04-EXDHH01  
21-REM & RE ELCBL  
FR CON-130'(EACH)

-EXDHH01-CNTRL  
34-REM & RE ELCBL  
FR CON-5'(EACH)

PED PUSH-BUT POST T2  
-1 EACH  
ACCESSIBLE  
PED SIGNAL-1 EACH  
DRILL EX HANDHOLE-1 EACH  
UNDRGRD C PVC 2-24'

-EXHH03-EXHH04  
11-REM & RE ELCBL  
FR CON-104'(EACH)

ACCESSIBLE  
PED SIGNAL-2 EACH  
\*-REMOV EX TS EQUIP  
(PED. S.H., P.-B.-2 EACH)

DETECTOR LOOP 161 REQUIREMENTS AND CALCULATIONS					
FOR IL 3 & GALL RD./S. MAIN ST.					
LOOP#	PHASE#	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. EB CCO 1	2	6' x 6'	7	512.33	3.75
2. EB CCO 2	2	6' x 6'	6	509.69	3.69
3. EB LT 1 CD	5	6' x 50'(Q)	3-6-3	845.40	2.94
4. EB LT 2 CD	5	6' x 50'(Q)	3-6-3	845.62	2.95
5. NB CCO	4	6' x 6'	6	364.88	2.86
6. NB CD	4	6' x 50'(Q)	3-6-3	888.74	3.93
7. WB CCO 1	6	6' x 6'	6	344.42	2.40
8. WB CCO 2	6	6' x 6'	6	342.00	2.34
9. WB LT 1 CD	1	6' x 50'(Q)	3-6-3	819.22	2.35
10. WB LT 2 CD	1	6' x 50'(Q)	3-6-3	813.50	2.22
11. SB CCO	3	6' x 6'	6	321.98	1.89
12. SB LT CD	3	6' x 50'(Q)	3-6-3	835.72	2.72
13. SB THRU CD	3	6' x 50'(Q)	3-6-3	832.86	2.66
14. SB RT CD	3	6' x 50'(Q)	3-6-3	825.60	2.49

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USER NAME = prestanme	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 3/23/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 3 & GALL RD./S. MAIN ST.  
DETECTOR LOOP REPLACEMENT PLAN

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

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(65-1.66-1.67-1)RS-1	MONROE	64	64
CONTRACT NO. 76M80				
ILLINOIS FED. AID PROJECT				