

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	110Q	ST. CLAIR	6	1
		ILLINOIS	CONTRACT NO. 76L49	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAS ROUTE 845 (SUMMERFIELD RD/MAIN ST)
SECTION 110Q
CHIP SEAL/FOG SEAL
ST. CLAIR COUNTY

D-98-094-24



FUNCTIONAL CLASSIFICATION
MAJOR COLLECTOR

RAILROAD OMISSION
STA. 226 + 60.00 TO
STA. 226 + 69.00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *[Signature]* 20 24 *[Signature]*
REGIONAL ENGINEER

January 31 20 25
ENGINEER OF DESIGN AND ENVIRONMENT

January 31 20 25
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

TRAFFIC DATA

OLD U.S. 50 TO W NORTH ST.

2023 ADT = 1250 (ACTUAL)

2025 ADT = 1300 (ESTIMATED)

2045 ADT = 1400 (ESTIMATED)

S.U. = 4.8% M.U. = 2.4%

W NORTH ST. TO CASAD ST.

2023 ADT = 850 (ACTUAL)

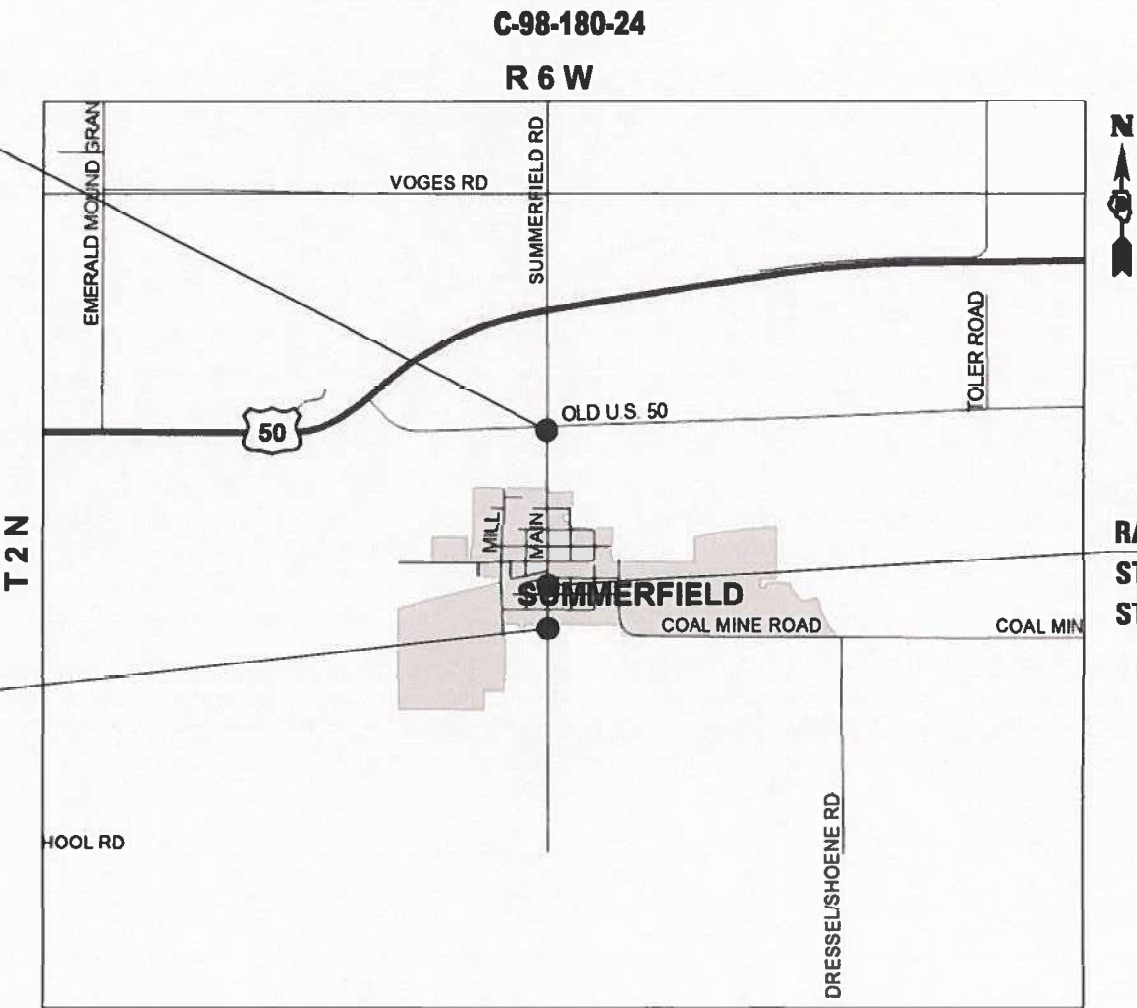
2025 ADT = 850 (ESTIMATED)

2045 ADT = 950 (ESTIMATED)

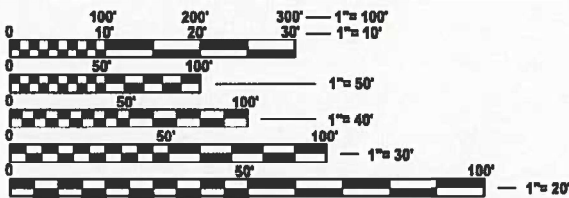
S.U. = 3.2% M.U. = 1.5%

BEGIN PROJECT
OLD US 50
STA. 200 + 30.00
LAT: 38.603870
LONG: -89.752027

END PROJECT
CASAD ST.
STA. 233 + 40.00
LAT: 38.594788
LONG: -89.752079



GROSS LENGTH = 3310 FT. = 0.63 MILE
NET LENGTH = 3301 FT. = 0.625 MILE



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

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

PROJECT ENGINEER: CHERYL KEPLAR
PROJECT MANAGER: BRANDON HUMPHREYS

CONTRACT NO. 76L49

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULE OF QUANTITIES
- 6 ROAD DETAIL

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEED ≥ 45 MPH
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEED ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATION - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-10 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

- 1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:
AMEREN ILLINOIS
AT&T ILLINOIS
CHARTER COMMUNICATIONS
CLEARWAVE FIBER LLC
FRONTIER COMMUNICATIONS
LEVEL 3 COMMUNICATIONS
SLM WATER COMMISSION
VILLAGE SUMMERFIELD
CITY OF TRENTON
TRI-TOWNSHIP WATER DISTRICT
- 2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- 3. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- 4. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING, INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES, AND/OR ELECTRICAL CABLES ASSOCIATED WITH TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS. IF ANY OF THESE EXIST WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 5. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- 6. ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- 7. THE CONTRACTOR SHALL USE CA-14 FOR THE COVER AGGREGATE AND CA-15 FOR THE SEAL AGGREGATE.

COMMITMENTS

NONE

REV - MS

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		DRAWN -	REVISED -			845	110Q	ST. CLAIR	6	2
		CHECKED -	REVISED -			CONTRACT NO. 76L49				
	PLOT DATE = 12/4/2024	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET 1	OF 1	SHEETS	STA.

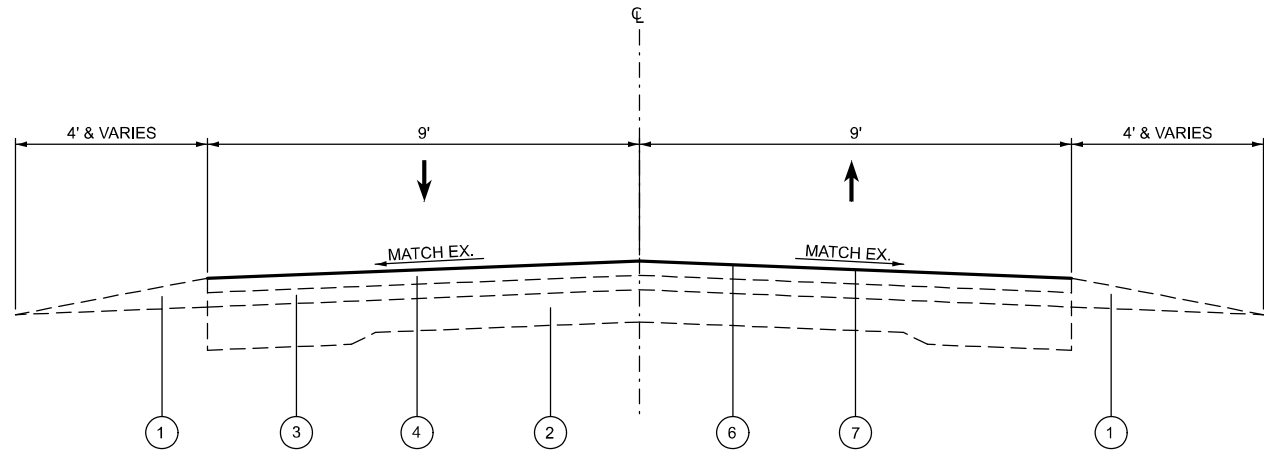
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* SPECIALTY ITEM

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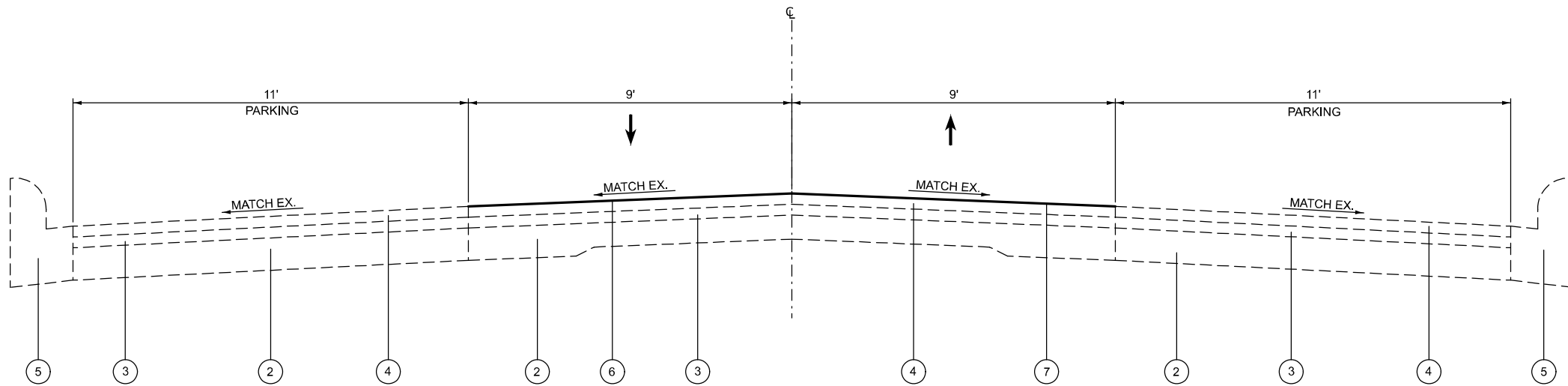
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TYPICAL SECTION
STA. 200+30.00 TO 218+33.00

LEGEND

- 1 EXISTING AGGREGATE SHOULDER, TYPE B
- 2 EXISTING 9-6-9 PCC PAVEMENT
- 3 EXISTING LEVEL BINDER, 1"
- 4 EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 1½"
- 5 EXISTING CONCRETE CURB & GUTTER
- 6 PROPOSED BITUMINOUS SURFACE TREATMENT ,A2
- 7 PROPOSED FOG SEAL TREATMENT



TYPICAL SECTION
STA. 218+33.00 TO 226+60.00
RR OMISSION STA. 226+60.00 TO 226+69.00
STA. 226+69.00 TO 233+40.00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	110Q	ST. CLAIR	6	4
CONTRACT NO. 76L49				
ILLINOIS FED. AID PROJECT				

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 7/9/2024	DATE -	REVISED -

RESURFACING SCHEDULE

STATION		DIMENSION		AREA	BITUMINOUS SURFACE TREATMENT, A2	BITUMINOUS FOG SEAL
		LENGTH	WIDTH			
FROM	TO	FEET	FEET	SQ FT	SQ YD	LBS
200+30.00	218+33.00	1803	18	32454	3606.0	1442.4
218+33.00	226+60.00	827.00	18	14886	1651.0	661.6
226+60.00	226+69.00	RAILROAD OMMISSION				
226+69.00	233+40.00	671.00	18	12078	1342.0	536.8
TOTAL					6602	2641

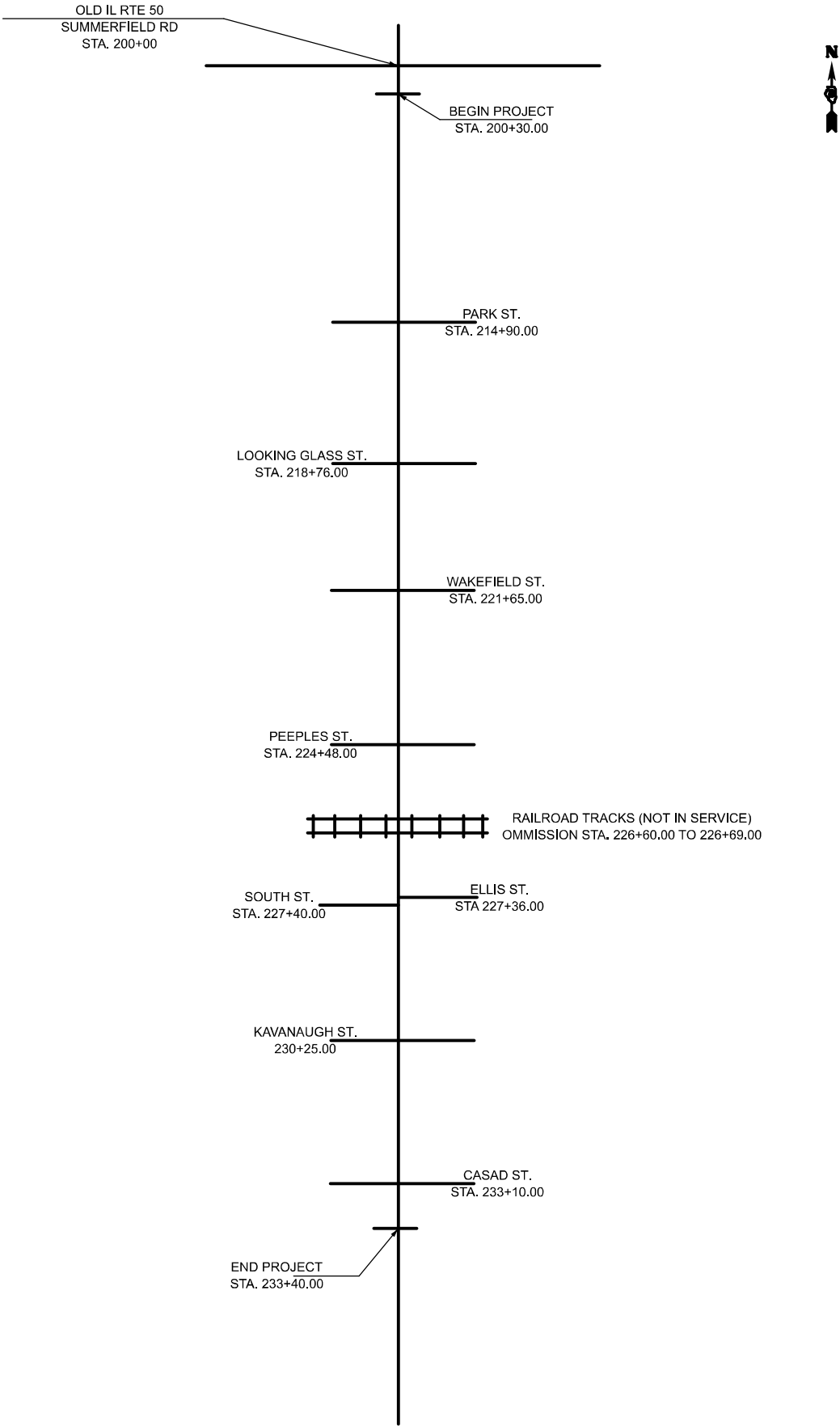
PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING SCHEDULE										
LOCATION		PAINT AND TEMPORARY PAVEMENT MARKING						PAVEMENT MARKING REMOVAL - WATER BLASTING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
STATION		LINE - 6"			8" WHITE SOLID LINE CROSSWALK	74" WHITE STOP LINE	LETTERS AND SYMBOLS RR XING			
FROM	TO	WHITE SOLID	YELLOW SOLID	YELLOW SKIP-DASH						
		FEET	FEET	FEET	FEET	FEET	SQ FT	SQ FT	FEET	SQ FT
200+30.00	223+34.00	4608		580	180			1850	210	70
223+34.00	226+60.00	652	326	90	80	18	62	508	110	37
226+60.00	226+69.00	RAILROAD OMISSION								
226+69.00	230+05.00	672	336	90	80	18	62	518	120	40
226+69.00	233+40.00			170				57	70	24
SUBTOTAL		5932	662	930	340	36	124	2933	510	171
TOTAL		7524			340	36	124	2933	510	171

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		DRAWN -	REVISED -					845	110Q	ST. CLAIR	6	5
		CHECKED -	REVISED -					CONTRACT NO. 76L49				
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NOT TO SCALE

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		DRAWN -	REVISED -					845	110Q	ST. CLAIR	6	6
		CHECKED -	REVISED -					CONTRACT NO. 76L49				
	PLOT DATE = 7/9/2024	DATE -	REVISED -		SCALE: NTS	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		