

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68RS-1-2-1	MONROE	17	1
		ILLINOIS	CONTRACT NO. 76V28	

D-98-064-26



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

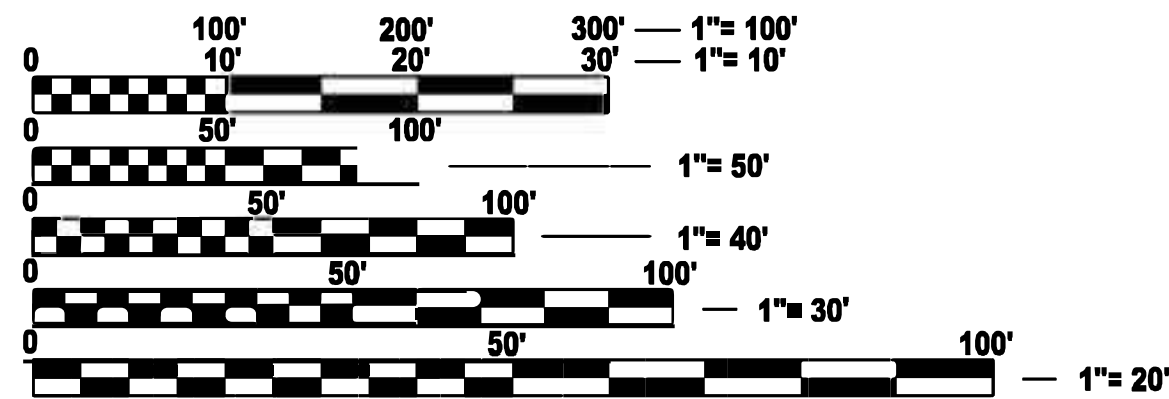
BEGINING OF PROJECT TO COUNTY CLUB RD

2025 ADT = 18600 (ACTUAL)
2027 ADT = 19100 (ESTIMATED)
2047 ADT = 24200 (ESTIMATED)
SU = 3.5% MU = 2.7%

COUNTY CLUB RD TO END OF PROJECT

2025 ADT = 23800 (ACTUAL)
2027 ADT = 24400 (ESTIMATED)
2047 ADT = 30900 (ESTIMATED)
SU = 4.1% MU = 2.5%

FUNCTIONAL CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL



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

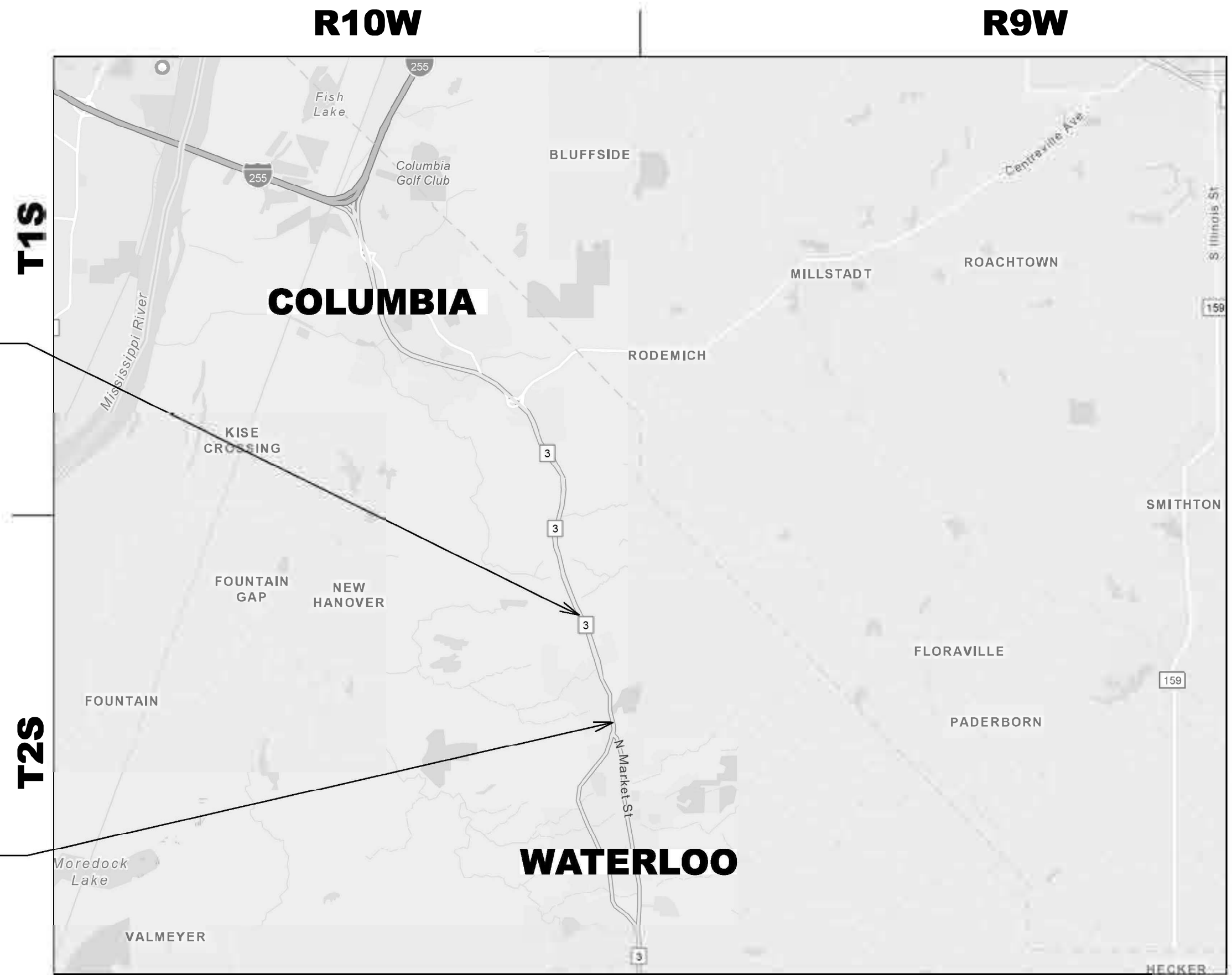
PROJECT ENGINEER: NATHAN COX
PROJECT MANAGER: JOSH HUFFSTUTLER

CONTRACT NO. 76V28

PROPOSED
HIGHWAY PLANS

FAP ROUTE 312 (IL 3)
SECTION 68RS-1-2-1
PROJECT NHPP-W8U1(626)
DESIGNED OVERLAY
MONROE COUNTY

C-98-154-26



END PROJECT
STA 2232+00.00
LAT: 38.375775°
LONG: -90.158913°

BEGIN PROJECT
STA 2170+68.98
LAT: 38.359738°
LONG: -90.153572°

NOT TO SCALE

GROSS LENGTH = 6131.0 FT = 1.16 MILES
NET LENGTH = 6131.0 FT = 1.16 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 8/13 20 26
Sen. Mark R. ... REGIONAL ENGINEER
October 2, 2026
Sen. E. A. ... ENGINEER OF DESIGN AND ENVIRONMENT
October 2, 2026
Sen. ... 5
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS
- 3. MIXTURE REQUIREMENTS
- 4-5. SUMMARY OF QUANTITIES
- 7-8. TYPICAL SECTIONS
- 9-10. SCHEDULE OF QUANTITIES
- 11. DETECTOR LOOP SHEET
- 12. LOCATION MAP
- 13-16. PAVEMENT MARKING PLAN
- 17-18. ALIGNMENT, TIES & BENCHMARKS

HIGHWAY STANDARDS

- 000001-09 STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
- 001006 DECIMAL OF AN INCH & OF A FOOT
- 667101-02 PERMANENT SURVEY MARKERS
- 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-11 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

- 1. THE UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMEREN ILLINOIS (COMMUNICATIONS, GAS & ELECTRIC)
 - CHARTER COMMUNICATIONS
 - CLEARWAVE FIBER LLC (COMMUNICATIONS)
 - HARRISONVILLE TELEPHONE COMPANY
 - MONROE COUNTY (ELECTRIC)
 - CITY OF WATERLOO (WATER, SANITARY SEWER, GAS & ELECTRIC)
- 2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- 3. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED WITHIN THE CITY LIMITS. 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.
- 4. THE PROPOSED PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKINGS, AS DIRECTED BY THE ENGINEER UNLESS NOTED OTHERWISE.
- 5. 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.
- 6. THE CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS TO ENSURE THEY ARE VISIBLE UPON COMPLETION OF THE RESURFACING. THE PROCESS ESTABLISHED BY THE CONTRACTOR SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO CONSTRUCTION AND THE COST FOR THIS WORK SHALL BE INCLUDED IN THE COST OF THE RESURFACING.
- 7. THREE CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT, THEY SHALL BE PLACED AT THE BEGINNING OF THE PROJECT, ON COUNTRY CLUB ROAD, AND AT THE END OF THE PROJECT, TWO WEEKS PRIOR TO ANY LANE CLOSURE. THEY SHALL REMAIN UP FOR THE DURATION OF THE PROJECT.
- 8. ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTORS EXPENSE.
- 9. ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL."
- 10. THE TEMPORARY RAMPS USED ON ALL SIDE STREETS AND ENTRANCES SHALL BE 3 FEET IN LENGTH SO AS NOT TO INTERFERE WITH THE THROUGH TRAFFIC LANES.

COMMITMENTS

NONE

REV - MS

MODEL: General Notes [Sheet]
FILE NAME: c:\pw\work\pawid\illinois.gov_joshua.huffstutler@illinois.gov\1261754176\28-shr-genote.dgn

	USER NAME = joshua.huffstutler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			312	68RS-1-2-1	MONROE	18	2	
		CHECKED -	REVISED -			CONTRACT NO. 76V28					
	PLOT DATE = 9/17/2026	DATE -	REVISED -			SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.
								ILLINOIS			
							FED. AID PROJECT				

MIXTURE REQUIREMENTS

ROUTE	FAP 312 (IL 3)
SECTION	68RS-1-2-1
COUNTY	Monroe
CONTRACT	76V28

ADT (Construction Yr):	23800
MU%:	2.5
SU%:	4.1
20 YR. ESAL'S:	5.07

DESCRIPTION:	Designed Overlay on IL 3 at Halifax Drive to 0.2 miles north of Market Street in Waterloo
--------------	---

Location(s):	Mainline
Mixture Use(s):	Binder Course
PG:	PG 64-22
Design Air Voids:	4.0% @ N _{design} = 90
Mixture Composition:	IL 19.0
Friction Aggregate:	Mixture "B"
Mixture Weight:	112.0 lb/sq yd/in
Quality Management Program:	QCP
Sublot Size:	1000 Tons
Material Transfer Device:	Yes

Location(s):	Mainline
Mixture Use(s):	Surface Course
PG:	SBS PG 70-28
Design Air Voids:	4.0% @ N _{design} = 90
Mixture Composition:	IL 9.5
Friction Aggregate:	Mixture "E"
Mixture Weight:	112.0 lb/sq yd/in
Quality Management Program:	QCP
Sublot Size:	1000 Tons
Material Transfer Device:	Yes

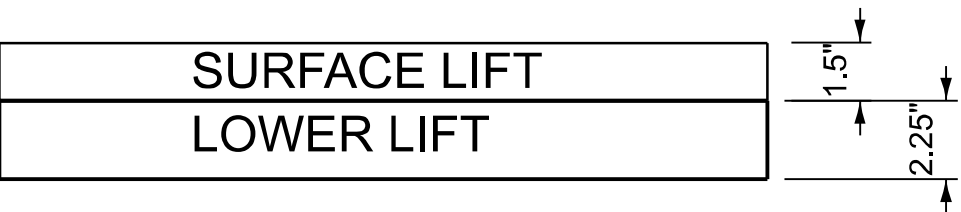
Location(s):	Shoulders
Mixture Use(s):	Shoulder (Lower)
PG:	PG 64-22
Design Air Voids:	4.0% @ N _{design} = 30
Mixture Composition:	IL 19.0L
Friction Aggregate:	
Mixture Weight:	112.0 lb/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3000 Tons
Material Transfer Device:	No

Location(s):	Shoulders
Mixture Use(s):	Shoulder (Surface)
PG:	PG 64-22
Design Air Voids:	4.0% @ N _{design} = 30
Mixture Composition:	IL 9.5L
Friction Aggregate:	
Mixture Weight:	112.0 lb/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3000 Tons
Material Transfer Device:	No



MTD REQUIRED ON ALL LIFTS

MAINLINE - 3 3/4" MILL & OVERLAY



SHOULDER - 3 3/4" MILL & OVERLAY

MODEL: Mixture Requirements-1 [Sheet]
FILE NAME: c:\p\p\work\p\work\illinois.gov_joshua.huffstutter@illinois.gov\1261754176V28-shh-Mix.dgn

	USER NAME = joshua.huffstutter	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MIXTURE REQUIREMENTS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					312	68RS-1-2-1	MONROE	15	3
		CHECKED -	REVISED -					CONTRACT NO. 76V28				
	PLOT DATE = 8/4/2026	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: SQQ-1 [Sheet]
FILE NAME: c:\pav_work\pav\illinois.gov_joshua.huffstutler@illinois.gov\1261754176\28-sht-SQQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80% FEDERAL
				20% STATE
				ROADWAY
				0005
				URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	40924	40924
40600370	LONGITUDINAL JOINT SEALANT	FOOT	19104	19104
40600405	MATERIAL TRANSFER DEVICE	TON	10298	10298
40600990	TEMPORARY RAMP	SQ YD	448	448
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	6179	6179
40604074	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX"E", N90	TON	4120	4120
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	55606	55606
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	57	57
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1382	1382
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	6042	6042
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1

REV - MS

	USER NAME = joshua.huffstutler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					312	68RS-1-2-1	MONROE	15	4
		CHECKED -	REVISED -					CONTRACT NO. 76V28				
	PLOT DATE = 8/10/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: SQQ-2 [Sheet]
FILE NAME: c:\p\ work\pwr\illinois.gov_joshua.huffstutler@illinois.gov\d1261754\76\28-sht-SQQ.dgn

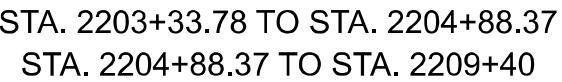
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80% FEDERAL
				20% STATE
				ROADWAY
				0005
				URBAN
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	483	483
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4598	4598
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1155	1155
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	465	465
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	53732	53732
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	220	220
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	465	465
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	53732	53732
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	220	220
Ø Z0076600	TRAINEES	HOOR	1000	1000
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	754	754
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	1000	1000
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	754	754
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	27335	27335
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	1418	1418
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	6	6

* SPECIALTY ITEM

Ø 0042

REV - MS

	USER NAME = joshua.huffstutler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					312	68RS-1-2-1	MONROE	15	5
		CHECKED -	REVISED -					CONTRACT NO. 76V28				
	PLOT DATE = 8/12/2026	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



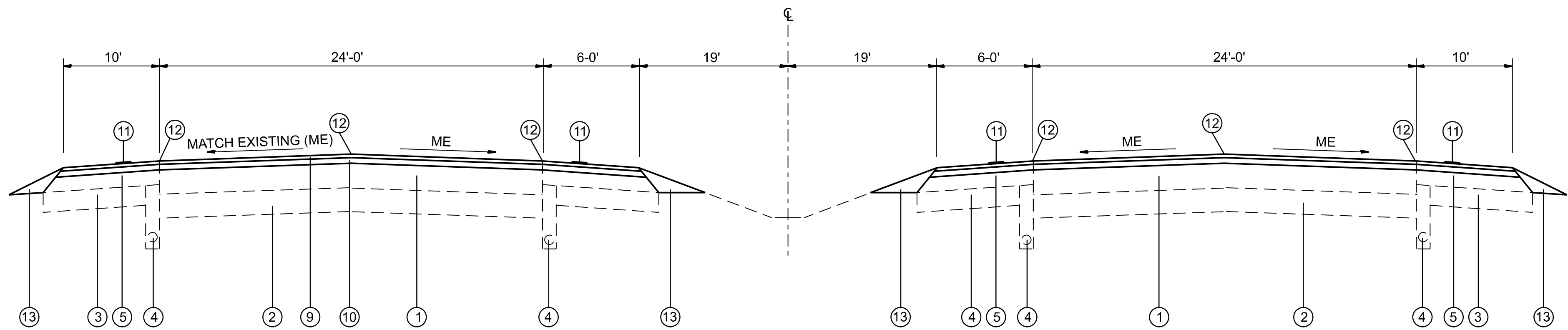
- ① EXISTING HMA FULL-DEPTH PAVEMENT, 14 1/4"
- ② EXISTING LIME MODIFIED SOIL, 12"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL TYPE C
- ④ EXISTING PIPE UNDERDRAIN
- ⑤ EXISTING HMA SHOULDERS 8"
- ⑥ EXISTING AGG. SHOULDERS TYPE B
- ⑦ EXISTING CURB & GUTTER TYPE B-6.24
- ⑧ EXISTING MICRO-SURFACING SINGLE PASS, TYPE II, MIX D

 SURFACE REMOVAL 3 3/4"

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

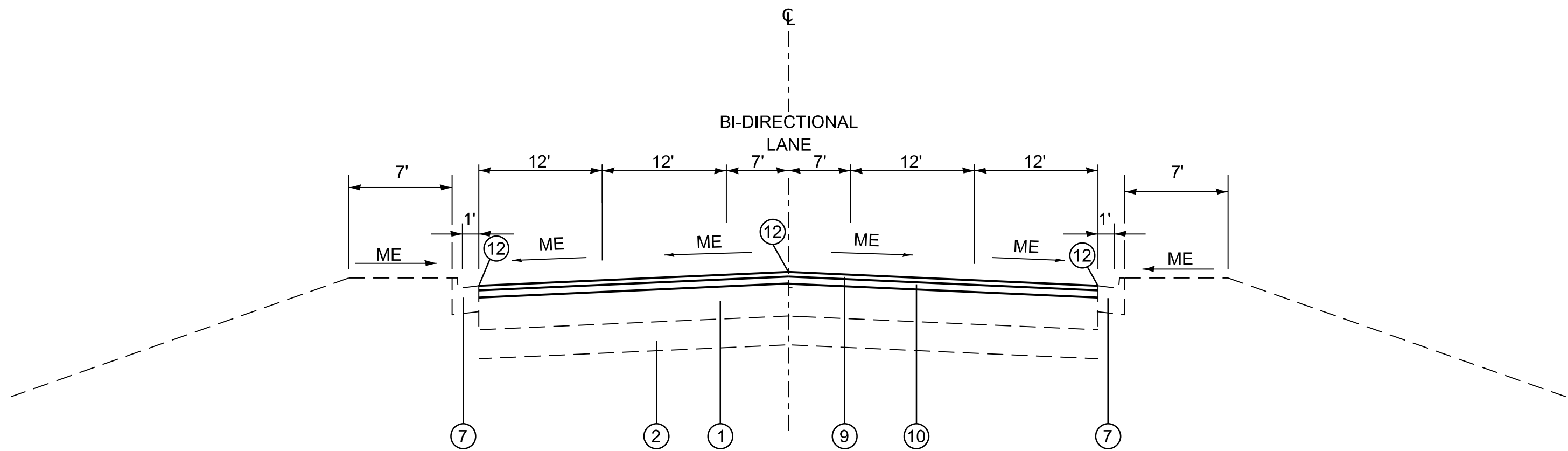
USER NAME = joshua.huffstutler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -					312	68RS-1-2-1	MONROE	15	6
	CHECKED -	REVISED -					CONTRACT NO. 76V28				
PLOT DATE = 8/4/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	

MODEL: Typical Sections [Sheet]
FILE NAME: c:\pwk\work\pwidot\illinois.gov\d1261754\76\28-sht-typicals.dgn



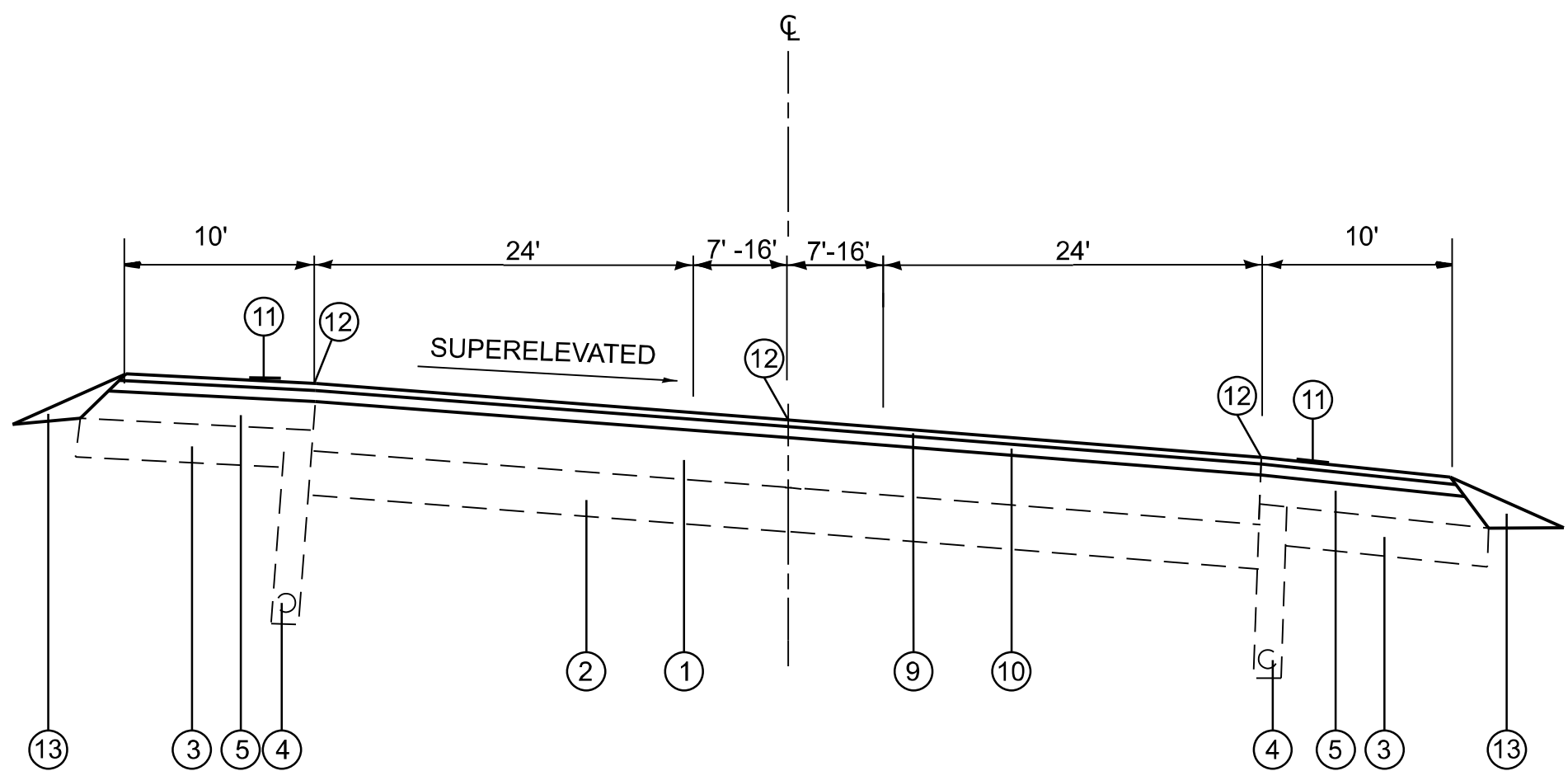
IL 3 - PROPOSED TYPICAL SECTION

STA. 2209+40 TO STA. 2232+00



IL 3 - PROPOSED TYPICAL SECTION

STA. 2170+68.98 TO STA. 2203+33.78



IL 3 - PROPOSED TYPICAL SECTION

STA. 2203+33.78 TO STA. 2204+88.37
STA. 2204+88.37 TO STA. 2209+40

LEGEND

- ① EXISTING HMA FULL-DEPTH PAVEMENT, 14 1/4"
- ② EXISTING LIME MODIFIED SOIL, 12"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL TYPE C
- ④ EXISTING PIPE UNDERDRAIN
- ⑤ EXISTING HMA SHOULDERS 8"
- ⑥ EXISTING AGG. SHOULDERS TYPE B
- ⑦ EXISTING CURB & GUTTER TYPE B-6.24
- ⑧ EXISTING MICRO-SURFACING SINGLE PASS, TYPE II, MIX D
- ⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- ⑩ PROPOSED HOT-MIX ASPHALT BINDER COURSE, 2 1/4"
- ⑪ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ⑫ PROPOSED LONGITUDINAL JOINT SEALANT
- ⑬ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

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

MODEL: Typical Sections-2 [Sheet]
FILE NAME: c:\p\p\work\p\work\illinois.gov\joshua.huffstutler\261754176\28-sh-typical.dgn

USER NAME	= joshua.huffstutler	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/7/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68RS-1-2-1	MONROE	15	7
CONTRACT NO. 76V28				
ILLINOIS FED. AID PROJECT				

MODEL: Schedule of Quantities (Sheet)
FILE NAME: c:\pwworking\illinois.gov\joshua.huffstutler\261754176\28-sht-Schedule.dgn

MAINLINE PAVING										
LOCATION					BITUMINOUS MATERIALS - TACK COAT	LONGITUDINAL JOINT SEALANT	HMA SURFACE REMOVAL, 3.75"	HMA SURFACE COURSE	HMA BINDER COURSE	MATERIAL TRANSFER DEVICE
STA	WIDTH (FT)	TO	STA	WIDTH (FT)	(POUND)	(FOOT)	(SQ YD)	(TON)	(TON)	(TON)
2170+68.98	31	TO	2203+33.78	31	15181	9794	22491	1889	2834	4723
2203+33.78	31	TO	2204+88.37	31	719	464	1065	90	134	224
2204+88.37	31	TO	2209+40.00	31	2100	1355	3111	261	392	654
2209+40.00	40	TO	2232+00.00	40	13560	6780	20089	1688	2531	4219
TOTAL:					31561	18394	46757	3928	5892	9820

SIDEROAD PAVING									
LOCATION				BITUMINOUS MATERIALS - TACK COAT	LONGITUDINAL JOINT SEALANT	HMA SURFACE REMOVAL, 3.75"	HMA SURFACE COURSE	HMA BINDER COURSE	MATERIAL TRANSFER DEVICE
STA	SIDEROAD	WIDTH (FT)	LENGTH (FT)	(POUND)	(FOOT)	(SQ YD)	(TON)	(TON)	(TON)
2182+50.00	DAVID ST	60	50	225	100	333	28	42	70
2189+92.00	KEVIN ST	60	60	270	120	400	34	50	84
2194+92.22	ALAN ST	40	85	255	170	378	32	48	80
2215+60.00	ROSE LN (LT)	70	85	446	170	661	56	83	139
2231+00.00	HALIFAX DR (LT)	60	75	338	150	500	42	63	105
TOTAL:				1534	710	2273	192	287	478

SHOULDER PAVING										
LOCATION					BITUMINOUS MATERIALS - TACK COAT	HOT-MIX ASPHALT SHOULDERS (TONS)		HMA SURFACE REMOVAL, 3.75"	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 8"
						HMA SURFACE COURSE	HMA BINDER COURSE			
STA	WIDTH (FT)	TO	STA	WIDTH (FT)	(POUND)	(TON)	(TON)	(SQ YD)	(TON)	(FOOT)
2203+33.78	10	TO	2204+88.37	10	232	29	43	344	3	309
2203+33.78	6	TO	2204+88.37	6	139	17	26	206	3	309
2204+88.37	10	TO	2209+40.00	10	678	84	127	1004	8	903
2209+40.00	10	TO	2232+00.00	10	6780	422	633	5022	42	4520
SUBTOTAL:					7829	553	829	6576	57	6042
TOTAL:					1382					

TEMPORARY RAMP SCHEDULE				
NAME	LENGTH	WIDTH	TEMPORARY RAMP (2.75")	TEMPORARY RAMP (1.5")
	(FT)	(FT)	(SQ YD)	(SQ YD)
COUNTRY CLUB RD	3	70	23.4	23.4
HH RD	3	80	26.7	26.7
DAVID ST	3	50	16.7	16.7
KEVIN ST	3	30	10.0	10.0
ALAN ST	3	50	16.7	16.7
WARREN DR	3	30	10.0	10.0
ROSE LN	3	80	26.7	26.7
HALIFAX DR	3	80	26.7	26.7
COMMERCIAL ENTRANCES	3	200	66.7	66.7
SUBTOTAL			223.6	223.6
TOTAL			448	

REV - MS

	USER NAME = joshua.huffstutler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					312	68RS-1-2-1	MONROE	17	8
		CHECKED -	REVISED -					CONTRACT NO. 76V28				
	PLOT DATE = 9/16/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Schedule of Quantities-1 [Sheet]
FILE NAME: c:\pav_work\pavdtd\illinois.gov_joshua.huffstutler@illinois.gov\1261754176\28-sht-Schedule.dgn

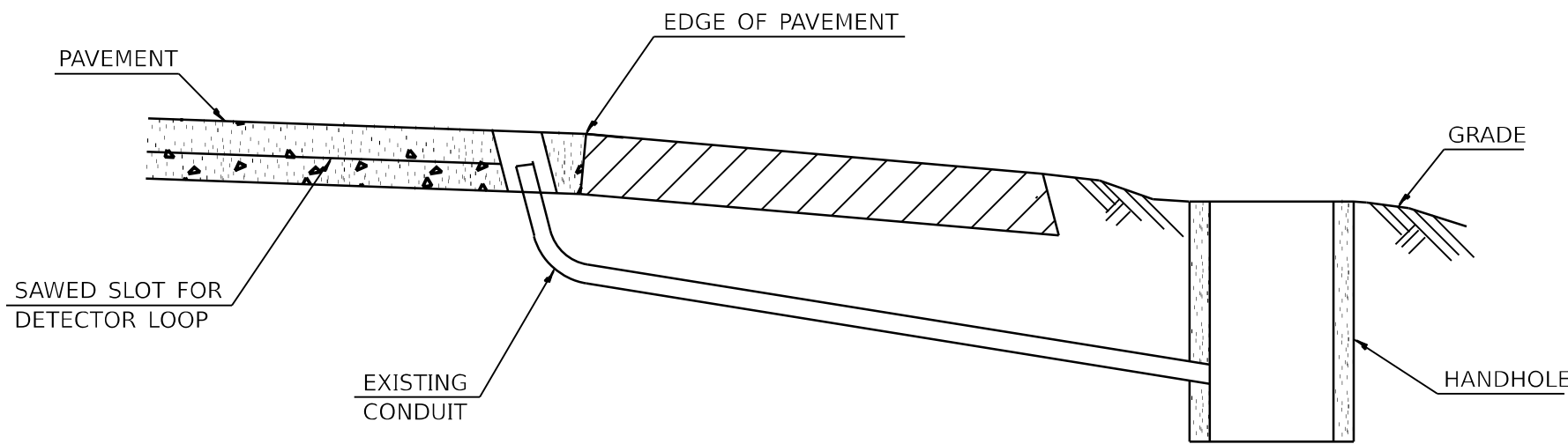
PAVEMENT MARKING SCHEDULE													
LOCATION		THERMOPLASTIC AND TEMPORARY PAVEMENT MARKING						PAVEMENT MARKING REMOVAL - WATER BLASTING	SHORT TERM PAVEMENT MARKING (2 APPLICATIONS)	SHORT TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
STATION		LINE - 6" THERMOPLASTIC					LINE - 24"				ONE WAY CRYSTAL	TWO WAY AMBER	
FROM	TO	YELLOW SOLID	SKIP-DASH YELLOW	SKIP-DASH WHITE	WHITE SOLID EDGE LINE	LETTERS AND SYMBOLS	WHITE SOLID						
2170+69.0	2175+24.0	1138	600	1200	910	47	80	1971	341	86	30	43	73
2175+24.0	2177+43.0	548	300	600	438	47	0	990	164	42	15	21	36
2177+43.0	2179+57.0	535	300	600	428	47	0	978	161	41	15	21	36
2179+57.0	2203+33.8	5942	3000	6000	4754	47	0	9895	1783	446	150	224	374
2203+33.8	2204+96.0	406	250	500	324	47	0	787	122	31	13	16	29
2204+96.0	2206+43.0	441	240	480	294	47	0	774	110	28	12	17	29
2206+43.0	2207+38.0	285	180	360	190	47	0	554	71	18	9	12	21
2207+38.0	2209+40.0	606	360	720	404	47	0	1092	152	38	18	24	42
2209+40.0	2209+74.0	68	40	80	136	47	70	209	26	7	2	0	2
2209+74.0	2232+00.0	4452	2240	4480	8904	47	70	10085	1670	418	112	0	112
SUBTOTAL		14420	7510	15020	16782	465	220	27335	4598	1155	376	378	754
TOTAL						53732							

	USER NAME	= joshua.huffstutler	DESIGNED	-	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	REVISED	-					312	68RS-1-2-1	MONROE	15	9
			CHECKED	-	REVISED	-					CONTRACT NO. 76V28				
	PLOT DATE	= 8/12/2026	DATE	-	REVISED	-		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: Detector Loop Sheet [Sheet]
FILE NAME: c:\p\p_work\pwork\illinois.gov_illinois.gov\id1261754\76V28-sh-Electrical.dgn

	INTERSECTION	LOOP DESCRIPTION	DIRECTION	PHASE	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	DETECTOR LOOP TYPE I LENGTH OF LEAD-IN CABLE (FT)	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
	COUNTRY CLUB LANE & IL 3	RIGHT TURN LANE / THROUGH LANE	NB	6	6 X 50-Q	3-6-3	162	800	1.9
	COUNTRY CLUB LANE & IL 3	THROUGH LANE	NB	6	6 X 50-Q	3-6-3	162	798	1.9
	COUNTRY CLUB LANE & IL 3	LEFT TURN LANE	NB	1	6 X 50-Q	3-6-3	162	795	1.8
	COUNTRY CLUB LANE & IL 3	LEFT TURN LANE	SB	5	6 X 50-Q	3-6-3	162	794	1.8
	COUNTRY CLUB LANE & IL 3	THROUGH LANE	SB	2	6 X 50-Q	3-6-3	162	794	1.8
	COUNTRY CLUB LANE & IL 3	THROUGH LANE	SB	2	6 X 50-Q	3-6-3	162	792	1.7
	COUNTRY CLUB LANE & IL 3	RIGHT TURN LANE	SB	2	6 X 50-Q	3-6-3	162	789	1.7
	TOTAL						1134		

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



DETAIL
(NO SCALE)
RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

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

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

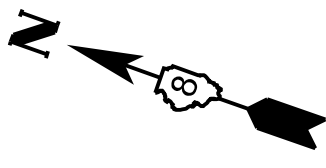
USER NAME	= joshua.huffstutler	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/7/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

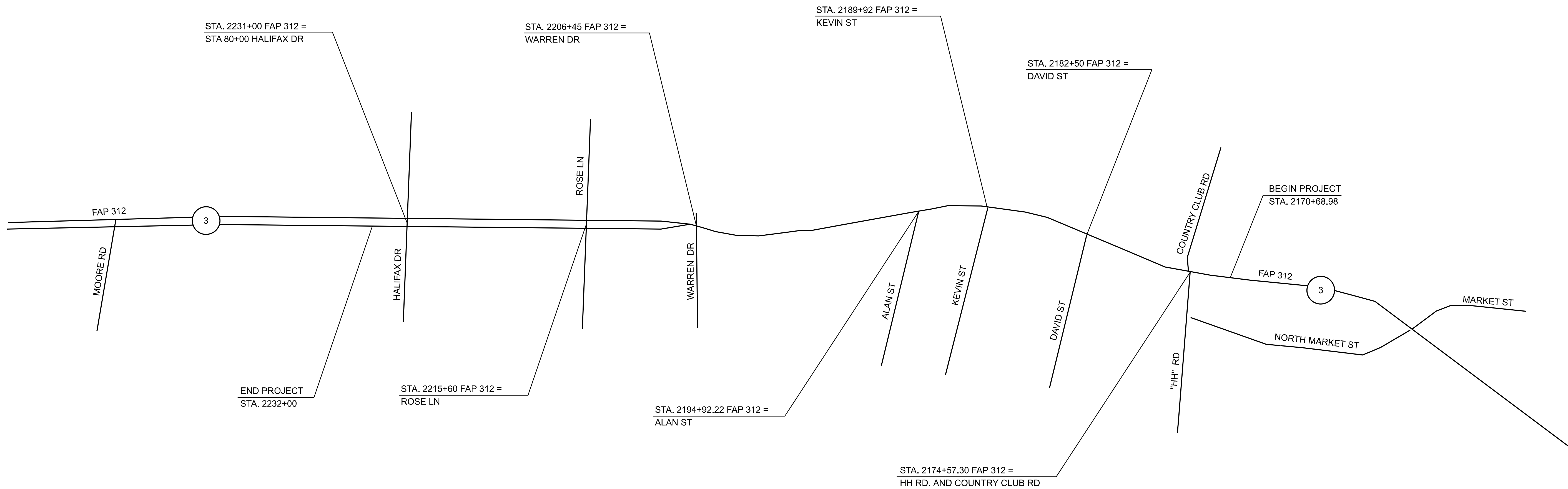
DETECTOR LOOP SHEET

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68RS-1-2-1	MONROE	15	10
CONTRACT NO. 76V28				
ILLINOIS FED. AID PROJECT				



NO SCALE

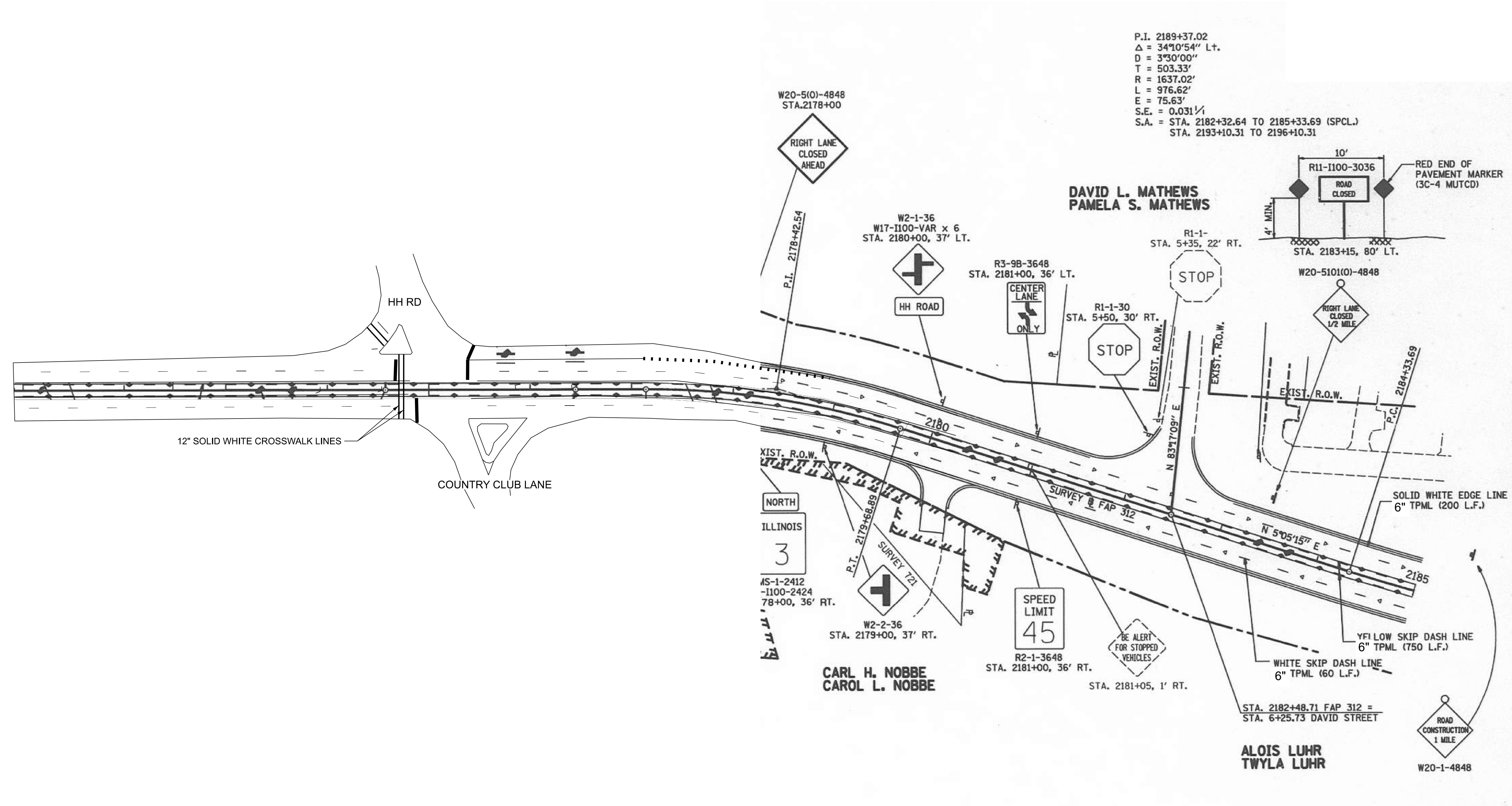


MODEL: Location Map [Sheet]
FILE NAME: c:\p\work\p\work\illinois.gov\joshua.huffstutter@illinois.gov\1261754176\28-shh-Location Map.dgn

	USER NAME = joshua.huffstutter	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					312	68RS-1-2-1	MONROE	15	11
		CHECKED -	REVISED -					CONTRACT NO. 76V28				
	PLOT DATE = 8/4/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

FOR INFORMATION ONLY

MODEL: Pavement Marking Reference [Sheet]
FILE NAME: c:\pw_work\pavmark\illinois.gov\joshua.huffstutter\261754176\28-shr-pmt.dgn



PLOT DATE = 8/7/2026	USER NAME = joshua.huffstutter	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE -	REVISED -	

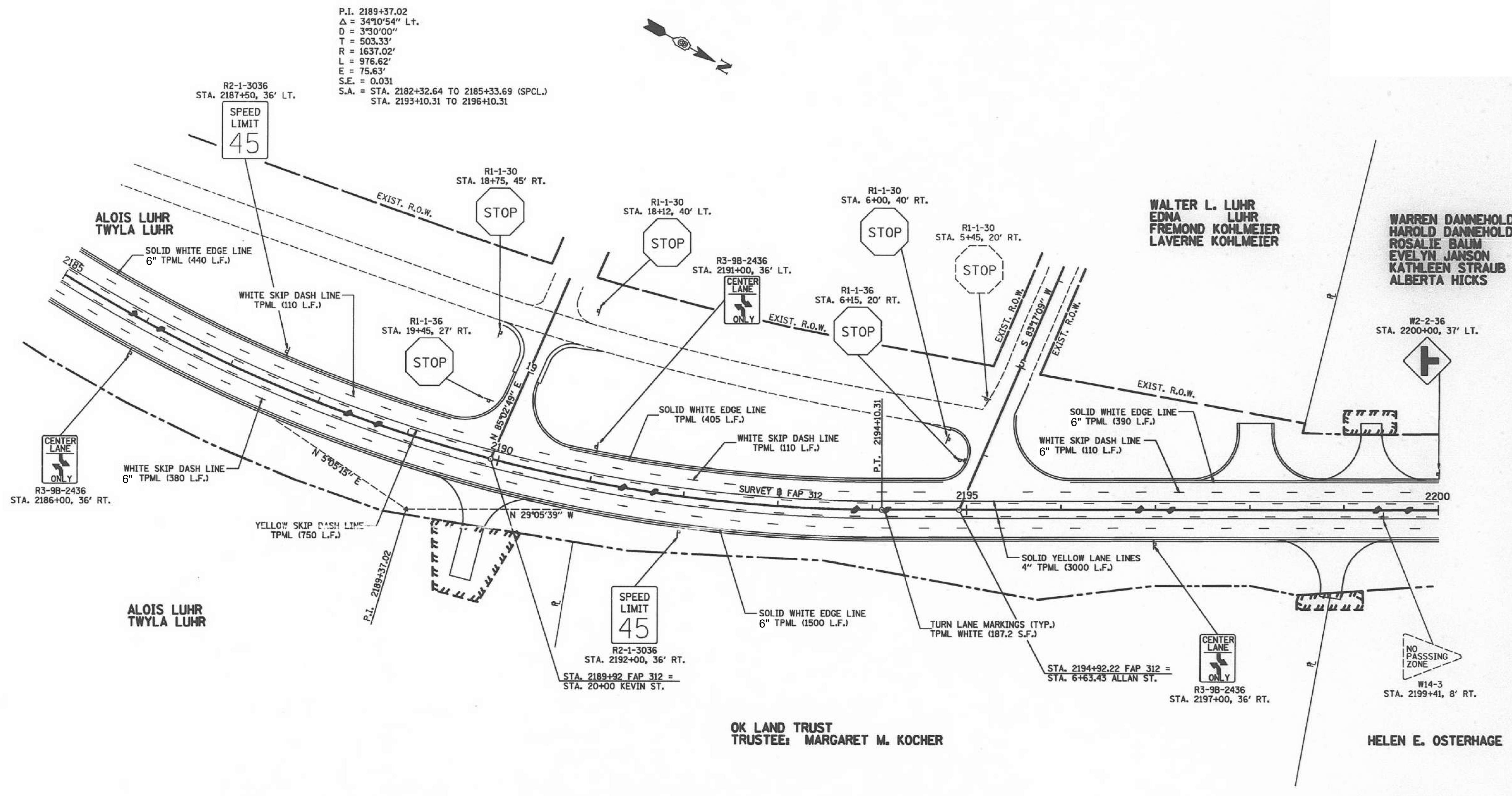
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68RS-1-2-1	MONROE	15	12
CONTRACT NO. 76V28				
ILLINOIS FED. AID PROJECT				

MODEL: Pavement Marking Reference-1 [Sheet]
FILE NAME: c:\pav_work\pavdtd\illinois.gov\joshua.huffstutter\261754176\28-shd-pmt.dgn

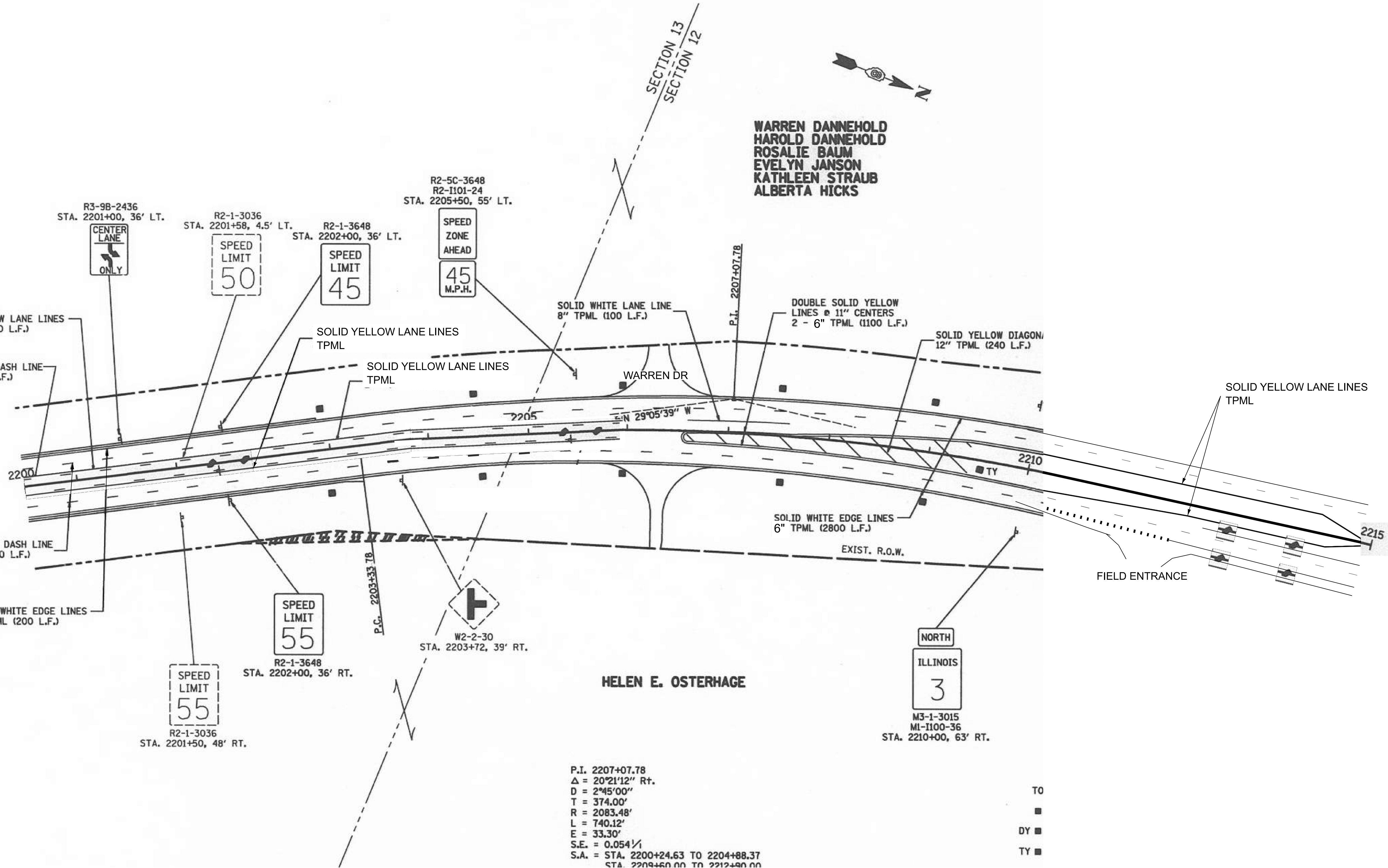


FOR INFORMATION ONLY

USER NAME = joshua.huffstutter		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					312	68RS-1-2-1	MONROE	15	13
		CHECKED -	REVISED -					CONTRACT NO. 76V28				
PLOT DATE = 8/7/2026		DATE -	REVISED -		SCALE:	SHEET 2	OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Pavement Marking Reference-2 [Sheet]
FILE NAME: c:\pav_work\pavdtd\illinois\gov\joshua.huffstutter\261754176\28-shd-pmt.dgn

FOR INFORMATION ONLY



USER NAME	joshua.huffstutter	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	8/7/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

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

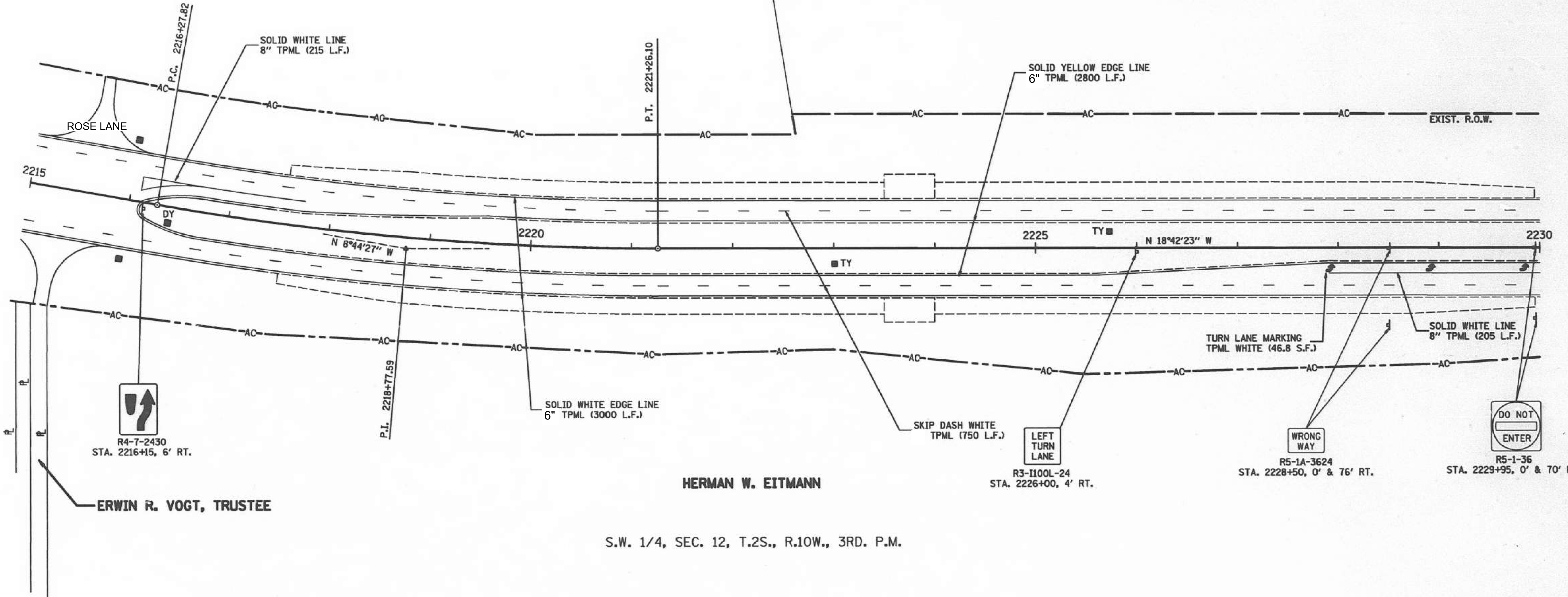
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68RS-1-2-1	MONROE	15	14
CONTRACT NO. 76V28				
ILLINOIS FED. AID PROJECT				

S.W. 1/4, SEC. 12, T.2S., R.10W., 3RD. P.M.

WARREN DANNEHOLD
HAROLD DANNEHOLD
ROSALIN BAUM
EVELYN JANSON
KATHLEEN STRAUB
ALBERTA HICKS

P.I. 2218+77.59
 $\Delta = 9^{\circ}57'56''$ Lt.
D = $2^{\circ}00'00''$
T = 249.77'
R = 2864.79'
L = 498.28'
E = 10.87'
S.E. = 0.0541/i
S.A. = STA. 2214+07.82 TO 2217+37.82
STA. 2220+16.10 TO 2223+46.10

JAMES H. VOGT
BERNARD J. VOGT



FOR INFORMATION ONLY

USER NAME = joshua.huffstutler	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/7/2026	DATE -	REVISED -

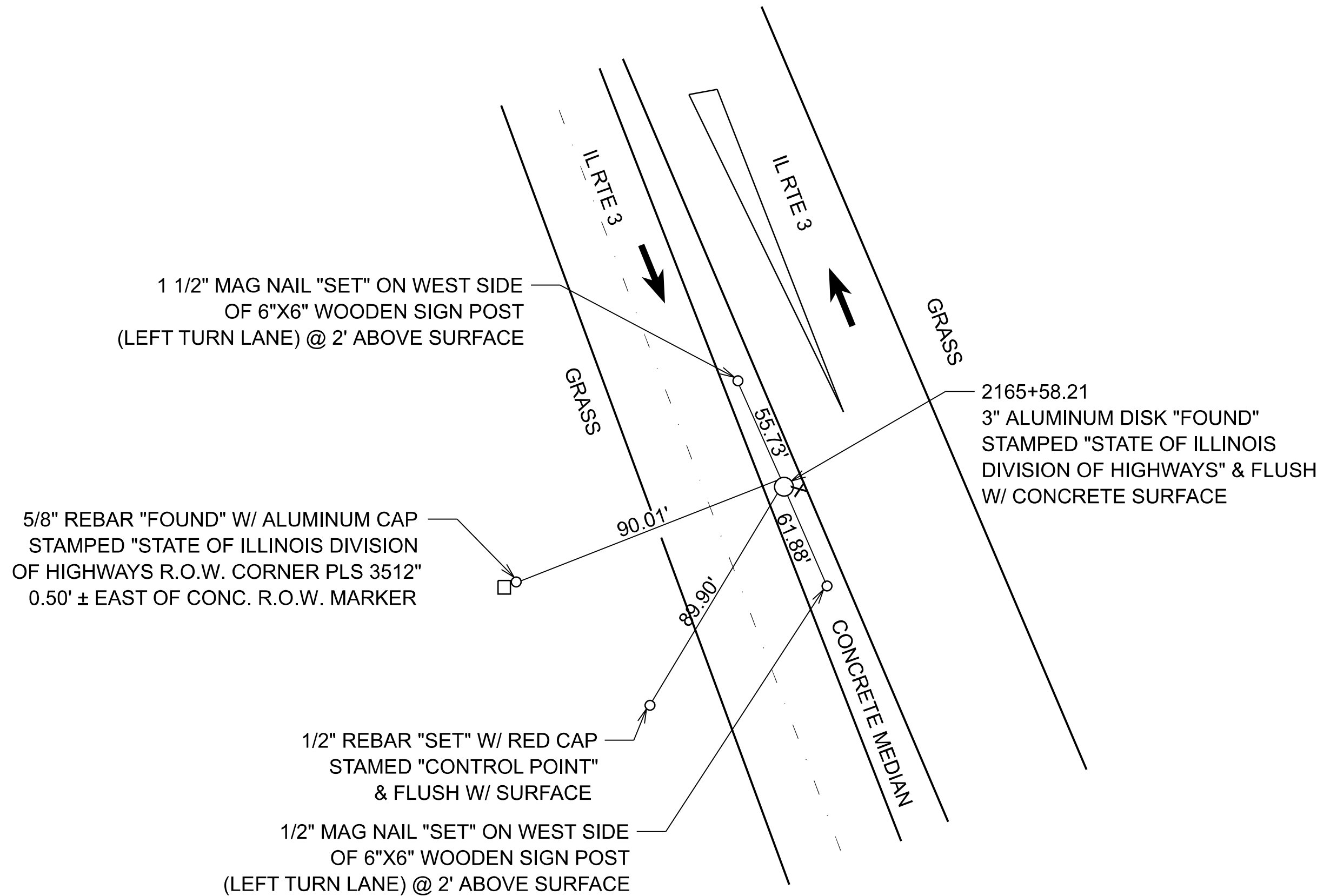
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

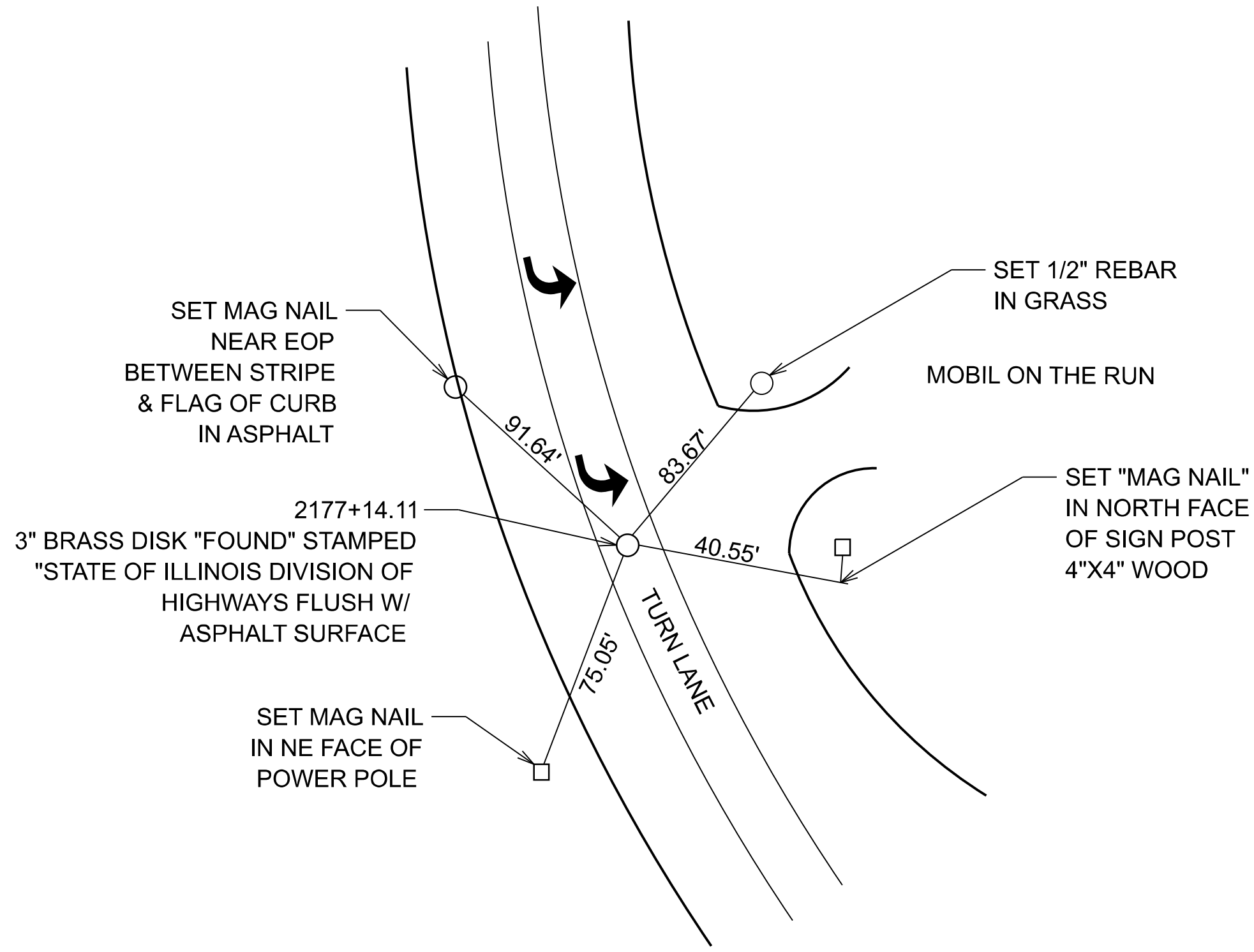
SCALE:	SHEET 4	OF 4	SHEETS	STA.	TO STA.
--------	---------	------	--------	------	---------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68RS-1-2-1	MONROE	15	15
		CONTRACT NO. 76V28		
ILLINOIS		FED. AID PROJECT		

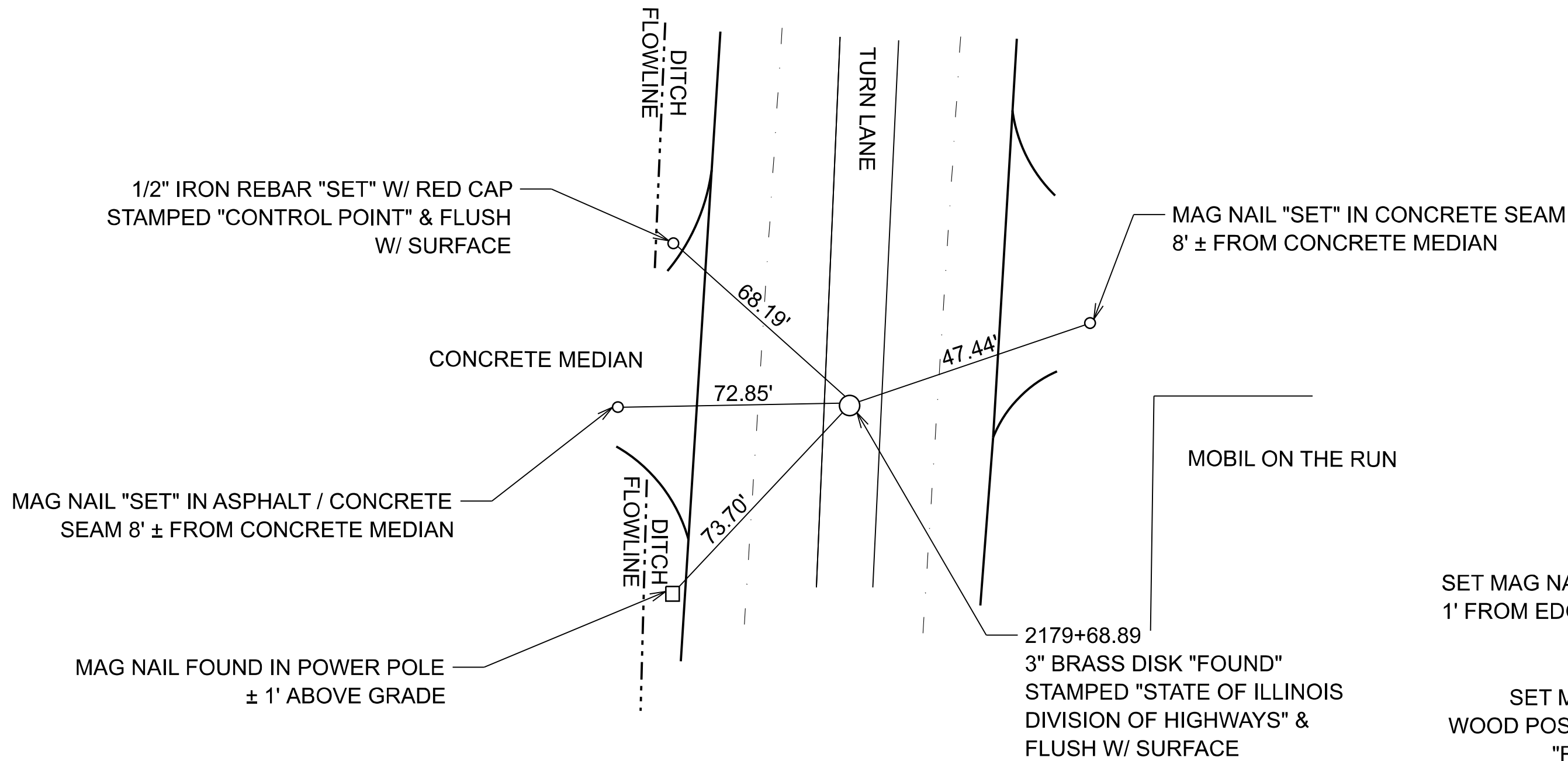
MODEL: Pavement Marking Reference-3 [Sheet]



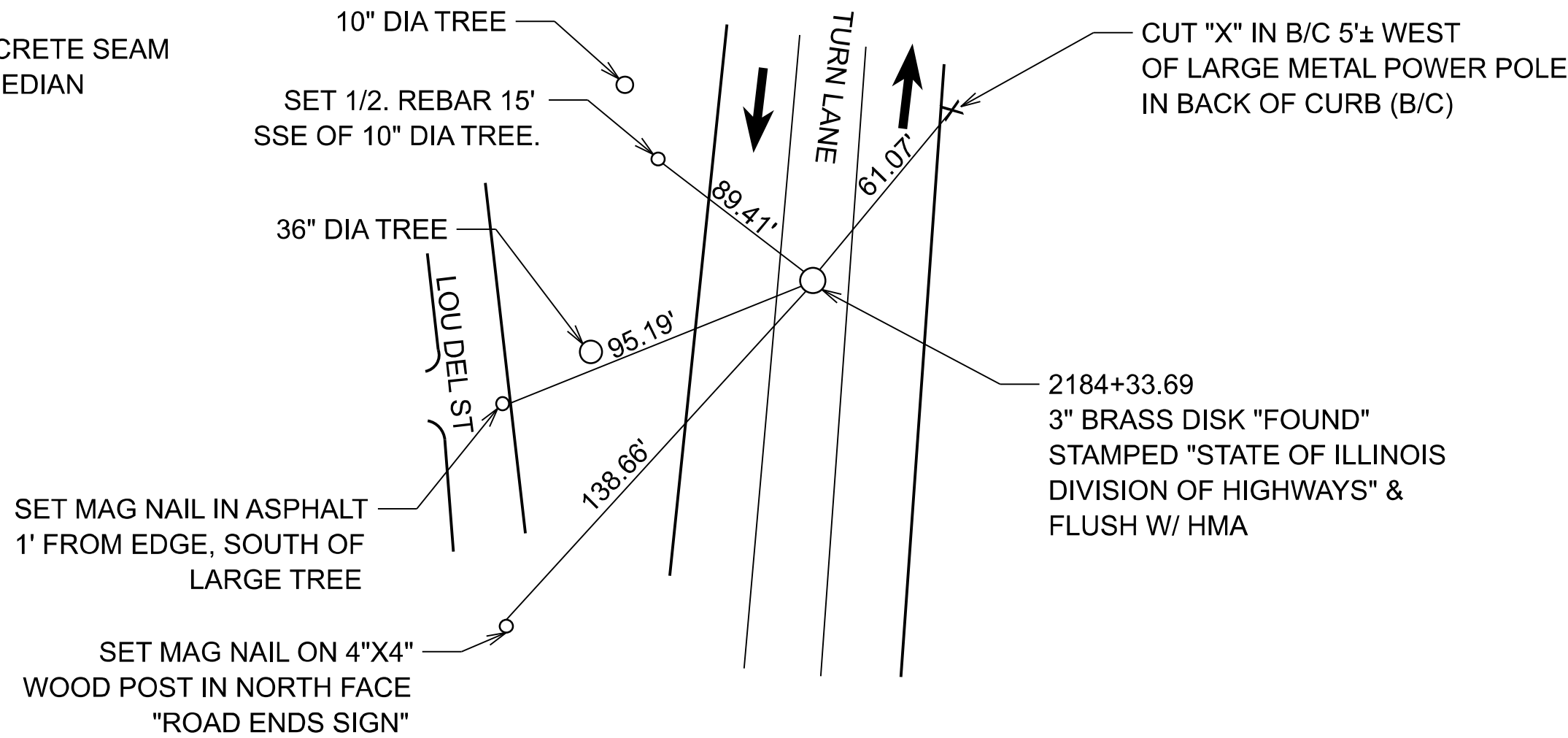
STA 2165+58.21



STA 2177+41.11



STA 2179+68.89



STA 2184+33.69

MODEL: ATB [Sheet]
FILE NAME: c:\pwworking\illinois.gov_joshua.huffstutter\illinois.gov\1261754176\28-sh-ATB.dgn

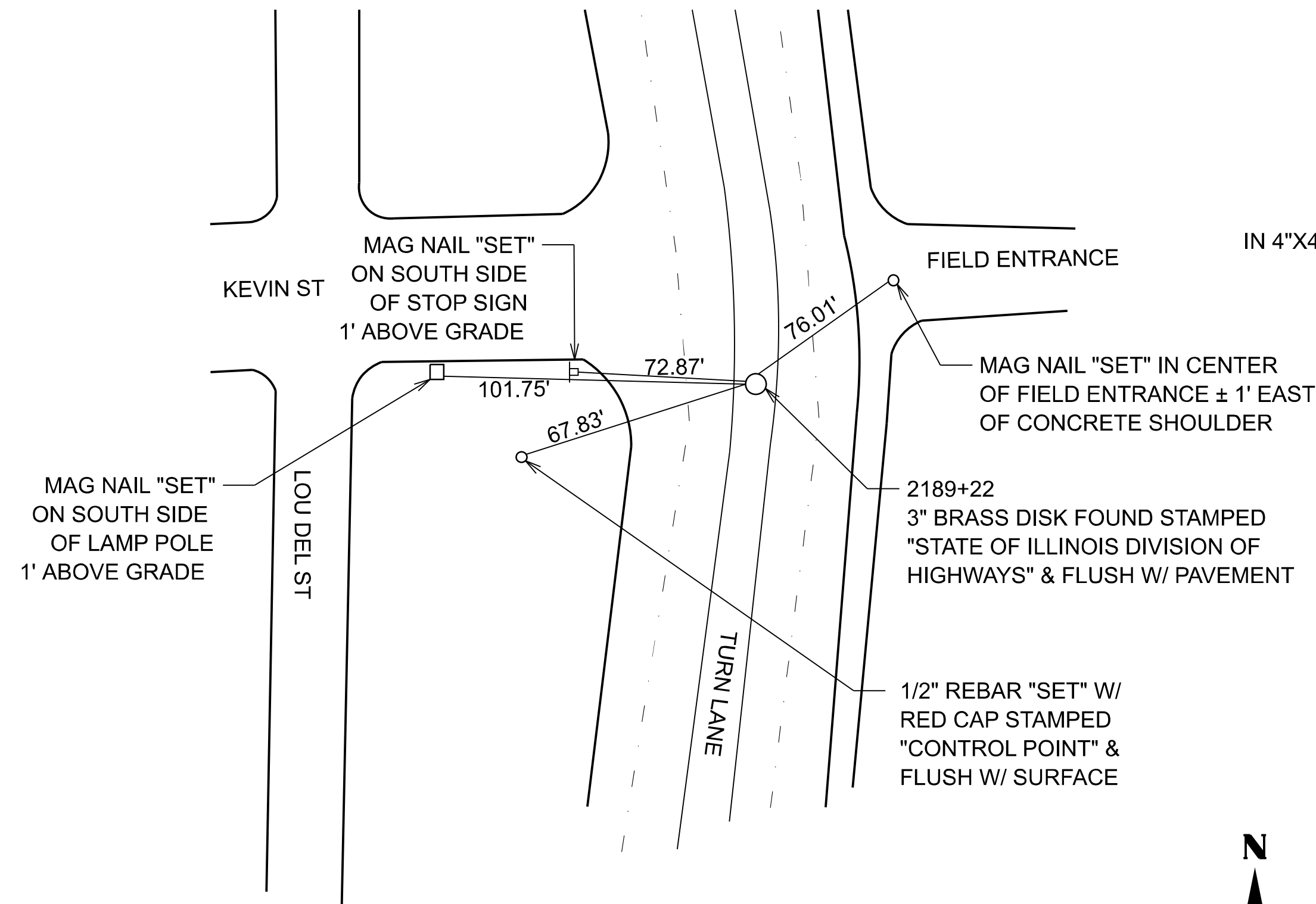
USER NAME	= joshua.huffstutter	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 9/17/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

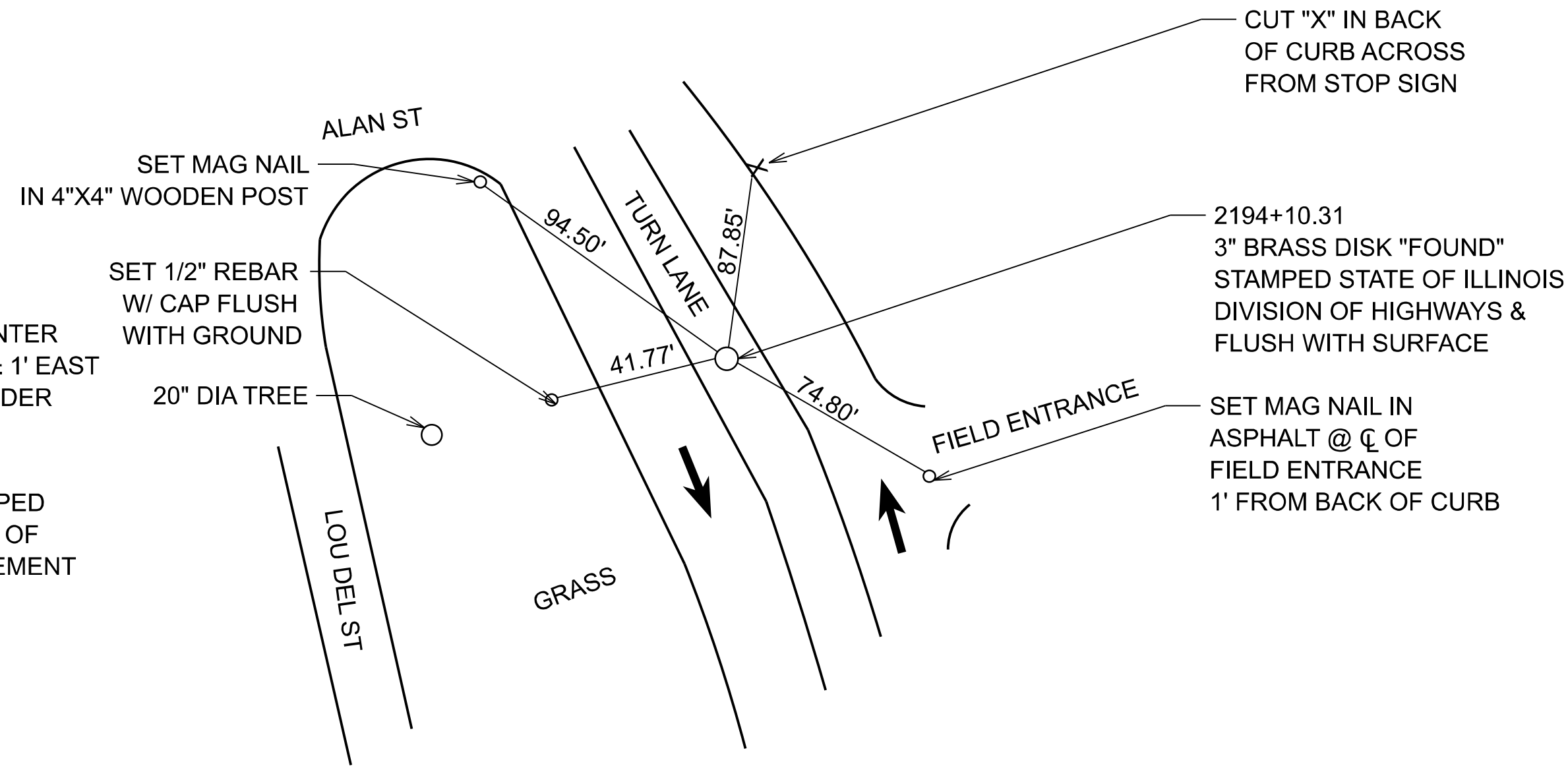
ALIGNMENT, TIES & BENCHMARKS

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

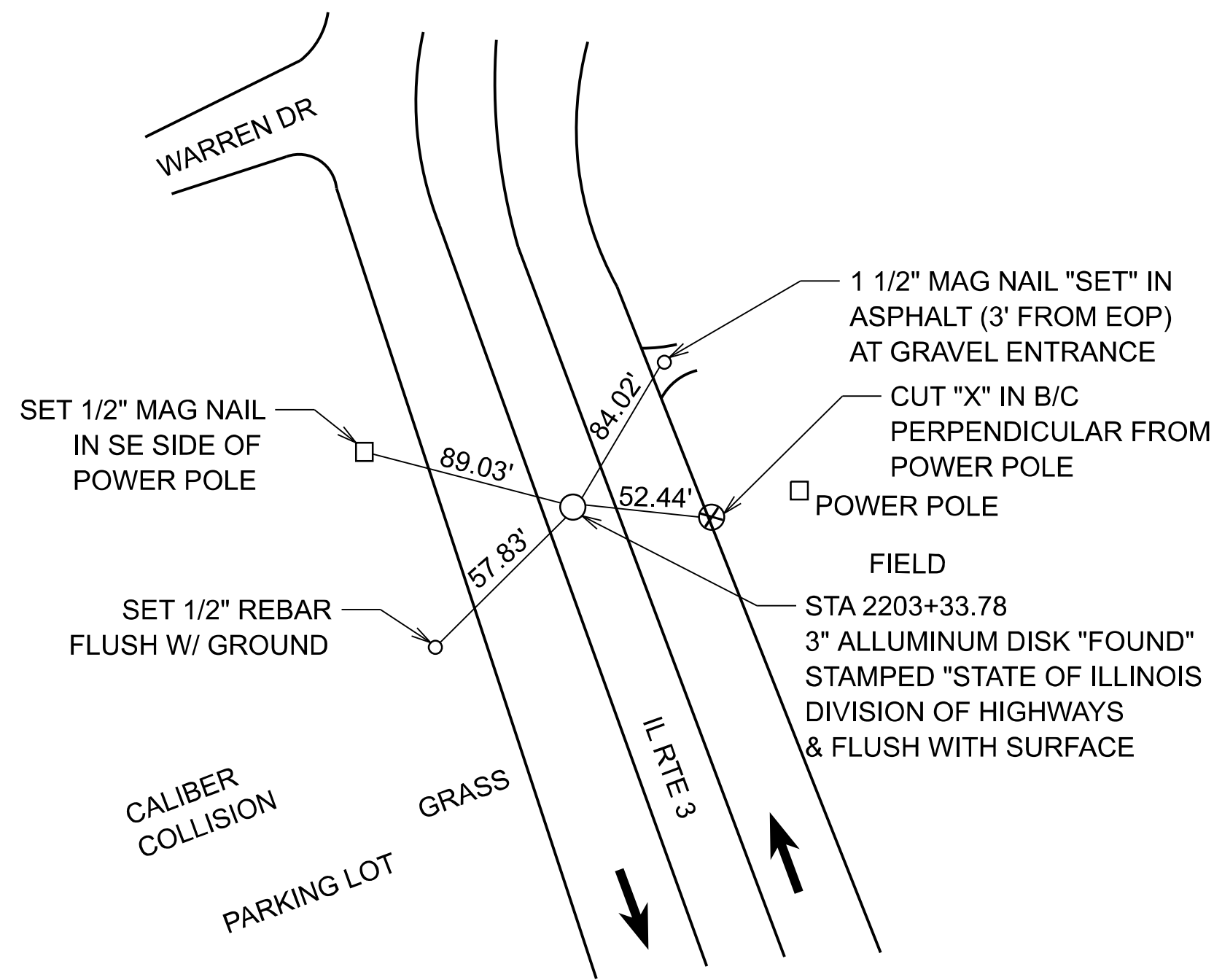
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68RS-1-2-1	MONROE	17	16
CONTRACT NO. 76V28				
ILLINOIS FED. AID PROJECT				



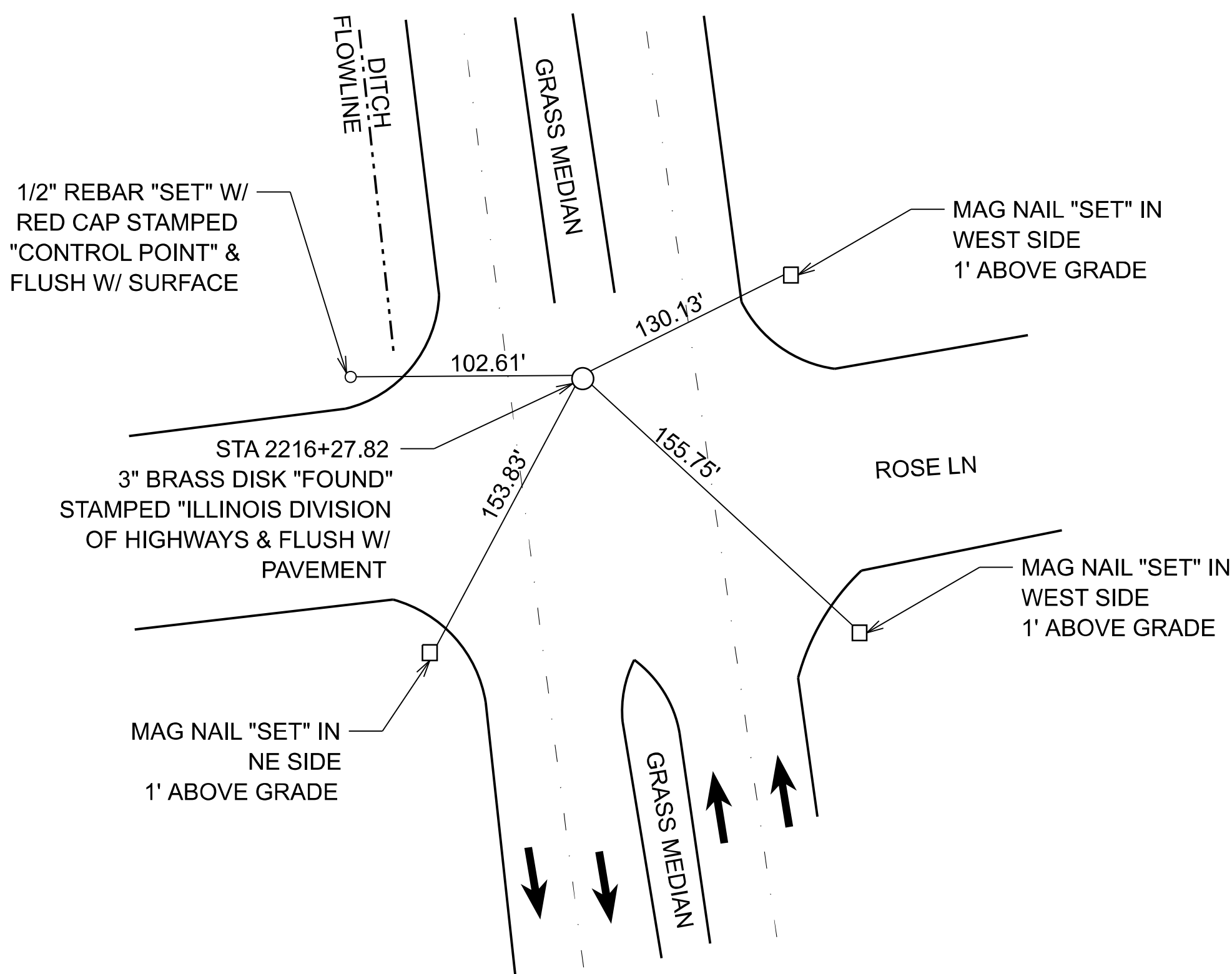
STA 2189+22



STA 2194+10.31



STA 2203+33.78



STA 2216+27.82

MODEL: ATB-2 [Sheet]
FILE NAME: c:\p\work\pav\illinois.gov_joshua.huffstutter\illinois.gov\1261754176\28-shr-ATB.dgn

USER NAME	= joshua.huffstutter	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 9/17/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68RS-1-2-1	MONROE	17	17
CONTRACT NO. 76V28				
ILLINOIS FED. AID PROJECT				