

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	5106	(102, 103)RS-4	WINNEBAGO	78	1

ILLINOIS CONTRACT NO. 64P29

D-92-032-20

FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

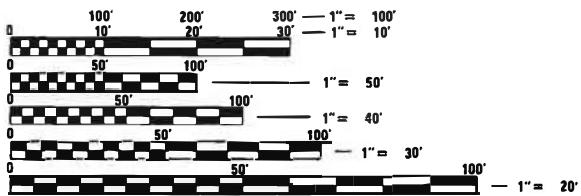
PROPOSED HIGHWAY PLANS

OMISSIONS:

- #1 (SN 101-0146) STA. 487 + 14.67 TO STA. 487 + 91.99
- #2 (SN 101-0147) STA. 492 + 64.94 TO STA. 493 + 42.34
- #3 (SN 101-0148) STA. 512 + 74.74 TO STA. 513 + 52.23
- #4 (SN 101-0174) STA. 854 + 34.77 TO STA. 855 + 30.77

IMPROVEMENT BEGINS
 STA 462 + 65.45
 PROJECT BEGINS
 STA. 463 + 39

BURRITT TOWNSHIP SECTION (5,8,9,10,13,14,15,24)
 OWEN TOWNSHIP SECTION (31,32)
 ROCKFORD TOWNSHIP SECTION (4,5,6,9)

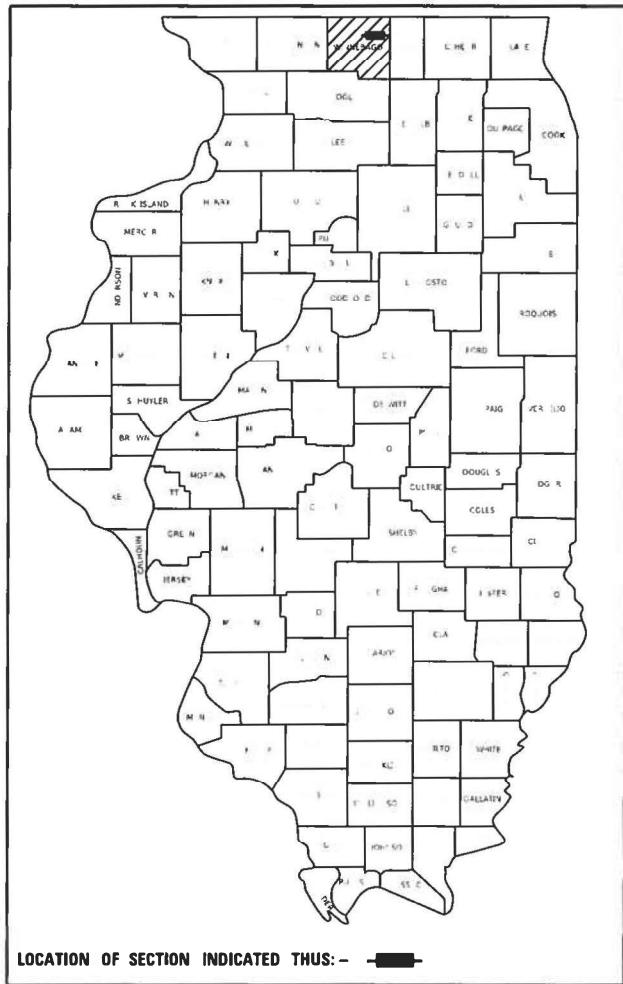
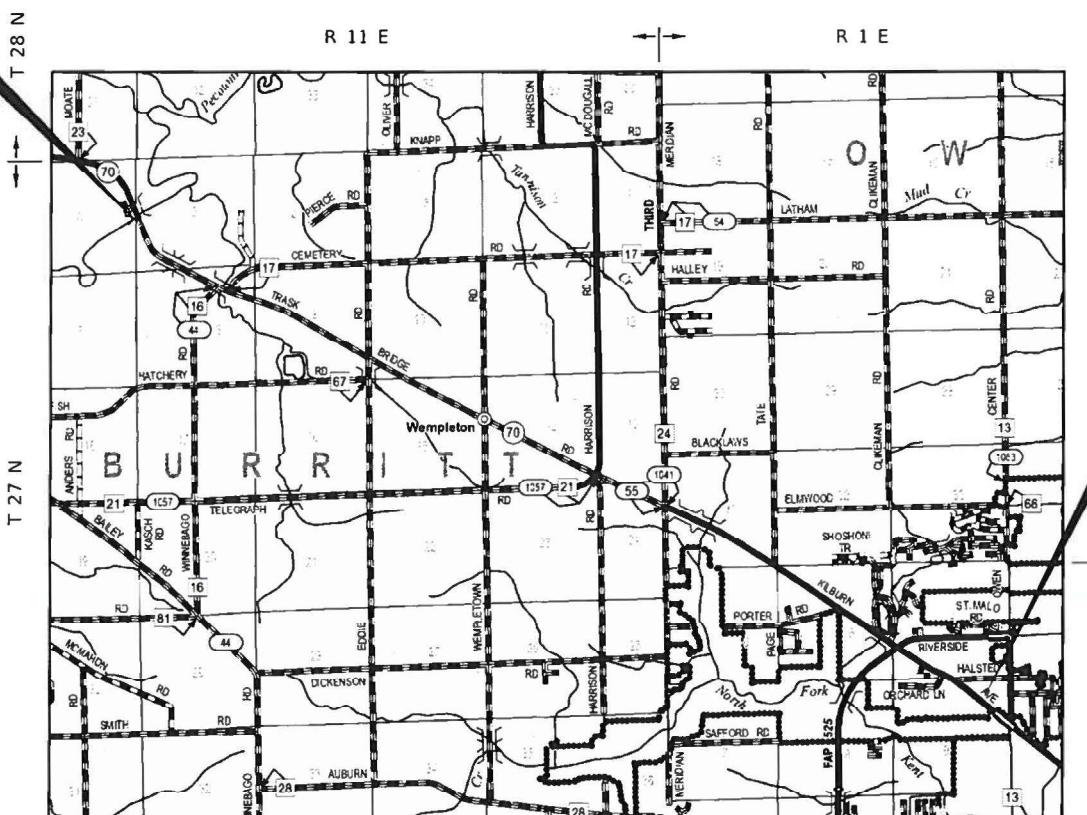


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
 ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
 CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
 ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: ANDREW LEE
 PROJECT MANAGER: MARX SAINTELUS (815) 284-5994

CONTRACT NO. 64P29



IMPROVEMENTS END
 STA 916 + 57.82
 PROJECT ENDS
 STA. 916 + 57.82

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED *January 19th 2021*
E.A. Lee
 REGIONAL ENGINEER

March 19, 2021 *E.A. Lee*
 ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2021 *Jenny, Gen*
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001	- 8	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	-	DECIMAL OF AN INCH AND OF A FOOT
442201	- 3	CLASS C AND D PATCHES
635001	- 2	DELINEATORS
642001	- 2	SHOULDER RUMBLE STRIPS, 16 IN
701001	- 2	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006	- 5	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011	- 4	OFF-RD MOVING OPERATION, 2L, 2W, DAY ONLY
701201	- 5	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > = 45 MPH
701301	- 4	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306	- 4	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > = 45 MPH
701311	- 3	LANE CLOSURE 2L, 2W MOVING OPERATIONS – DAY ONLY
701336	- 7	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > = 45 MPH
701501	- 6	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502	- 9	URBAN LANE CLOSURE, 2L, 2W, W/BIDIRECITONAL LEFT TURN LANE
701701	- 10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901	- 8	TRAFFIC CONTROL DEVICES
780001	- 5	TYPICAL PAVEMENT MARKINGS
781001	- 4	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

USER NAME = leeac			DESIGNED -			REVISED -			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & HIGHWAY STANDARDS						F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000 " / in.	DRAWN -	REVISED -	CHECKED -	REVISED -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT							
PLOT DATE = 1/25/2021	DATE -	REVISED -																		

GENERAL NOTES

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced.

The existing hot-mix asphalt on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. This could be the entire entrance or tapered at the end depending on if the mainline is resurfaced or milled and resurfaced. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for **INCIDENTAL HOT-MIX ASPHALT SURFACING**.

The drop off that occurs at entrance edges as a result of resurfacing of the entrance shall be corrected using aggregate shoulder material. This work shall be paid for by the TON for Aggregate Shoulders of the type specified in the plans.

The following Mixture Requirements are applicable for this project:

Location(s):	Mainline and Shoulder	
Mixture Use(s):	Surface Course	Binder Course
PG:	PG 58-28	PG 58-28
Design Air Voids:	4.0 @ N50	4.0 @ N50
Mixture Composition (Mixture Gradation):	IL 9.5	IL 9.5
Friction Aggregate:	D	N/A
Mixture Weight:	112 lbs/sy/in	N/A
Quality Management Program:	QCP	QCP
Sublot Size:	1000	1000
Number of Roller Passes ¹⁾ :	N/A	N/A

1) When a number of roller passes is specified, the Contractor may opt to use intelligent compaction in lieu of density testing under the Quality Control for Performance (QCP) program.

The Contractor will be required to furnish 5 1/2" high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be tacked or primed shall be limited to that which can be covered with HMA on the next day's production, but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted. Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for Delineators.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All non-freeway arrows shall be the large size.
 2. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1 mile or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 1 Each.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2, or another option would be to install a vaulted style, monumented as described by NGS as a 3D monument (Top Security Sleeve Rod Monument), with installation instructions provided by the District Chief of Surveys. If poured in place, the bottom of the marker shall be 5'-0" below the ground surface.

The Permanent Survey Markers, if possible, shall be installed at the beginning of the job and protected throughout.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal coordinates must be derived by GPS and the elevation derived using an electronic level. The meta data, such as the Geoid used, (NGS adjustment ie: 97 HARN, 03, 07), and the base point(s) name or number shall be submitted along with a complete collection log. If collected using RTK method, it will require either 3 collections (averaged) from 2 different bases, or a minimum of 3 collections (averaged), at least 2 hours apart, from the same base. If using a CORS type network, the collection procedure shall include localizing with check shots on at least 2 different HARN monuments both before and after collection. The level circuit shall be run from furnished mark to furnished mark and then adjusted. The error of closure shall be submitted with the electronic level notes in a recognized format approved by the Engineer and/or the Chief of Surveys. The Engineer shall submit this information to the District Chief of Surveys.

It shall be the Contractor's responsibility to contact the municipality to determine approved methods of utility structure adjustment. Utility structures may include, but are not limited to, manholes, water valves, handholes, etc. All materials and work necessary to complete adjustments per municipality requirements shall be considered included in the cost of the associated adjustment pay item.

Patching:

- HOT-MIX ASPHALT REMOVAL OVER PATCHES on Existing COMPOSITE Pavement may require 2 different types of 7" HMA Removal as follows. Removal over the PCC portion shall consist of the removal of HMA to the existing CONCRETE surface. Removal over Full Depth HMA Widened portion shall consist of the removal of ONLY 7" thickness of HMA.
 - HOT-MIX ASPHALT REMOVAL OVER PATCHES on Existing Full Width Full Depth HMA Pavement shall consist of removal of ONLY 7" thickness of HMA.
 - Full depth CLASS D PATCHES shall only be performed on locations determined upon inspection of uncovered PCC concrete, and only over the PCC portions (not over Full Depth portions)

The limits of Existing Composite Pavement and Existing Full Depth HMA Pavement shown on the plans are estimated based off of record plan information.

Proposed pavement marking shall extend across existing bridges, however, the Grooving for Pavement Marking and Raised Reflective Pavement Markers shall be omitted from the existing bridges.

Proposed pavement marking across existing bridge omissions shall be MODIFIED LUBETHANE

Temporary Pavement Marking - This contract is expected to be completed in the 2021 construction season, and a Winter Shutdown is NOT anticipated. However, any temporary pavement marking required in the case of a Winter Shutdown shall be paint. The location of the winter paint temporary pavement marking shall be placed on the proposed permanent location, such that the temporary paint will be removed by the future grooving after the Winter Shutdown. The removal of Temporary Pavement Marking shall not be paid separately. Temporary Pavement Marking shall only be paid for if used as outlined herein.

LONGITUDINAL JOINT SEALANT shall be placed on the proposed Binder (prior to placement of Surface Course) at the following joints only:

- Joints only:
 - Centerline Joint
 - 2 lane joints at bi-directional median/ LTL (No LJS required at centerline joint at bi-directional median / LTL)
 - Joints between thru lane and RTI

JOINT TRIMMING for HMA surface course shall only be performed at the outside Edge of Pavement (EOP) joint with HMA shoulder.

FILE NAME = 64P29.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -				FAS 65 & FAU 5106	(102, 103)RS-4	Winnebago	78	03
	PLOT SCALE =	CHECKED -	REVISED -					CONTRACT NO. 64P29		
	PLOT DATE = 1/22/2021 9:57 AM	DATE - 1/22/2021 9:57 AM	REVISED -			SCALE:	sheet no.	of sheets	sta.	to sta. illinois fed. aid project

GENERAL NOTES

The Contractor shall be aware that Area Reflective Crack Control Treatment (ARCCT) exists within the existing HMA pavement at an estimated 3-1/2" depth. The 3" milling is estimated to avoid the ARCCT, and the 3-3/4" milling is estimated to remove the ARCCT, but the contractor should be prepared to make any necessary adjustments to their process if required.

After the final surface is placed and the pavement marking is laid out, but not placed, the Contractor and Engineer shall contact Traffic Operations to check the pavement marking layout before placement of permanent pavement marking.

FILE NAME = 64P29.GN.DOCX

USER NAME =	DESIGNED - Engineering Systems	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 1/22/2021 12:40 PM	DATE - 1/22/2021 9:57 AM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 65 & FAU 5106	(102, 103)RS-4	Winnebago	78	04
				CONTRACT NO. 64P29
SCALE:	Sheet No. OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE
				STP - 80% FED 20% STATE	STP>200K - 80% FED 20% STATE
				ROADWAY	ROADWAY
				0005	0005
				RURAL	URBAN
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	55	39	16
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	155,408	88,313	67,095
40600900	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50	TON	40	25	15
40600990	TEMPORARY RAMP	SQ YD	2,633	1,148	1,485
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	1,223	909	314
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	20,444	11,759	8,685
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	23,924	13,770	10,154
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	3,533	1,694	1,839
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	16,178	7,467	8,711
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	163,057	101,181	61,876
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	45,650	18,847	26,803
44002228	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 7"	SQ YD	3,120	2,320	800
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	215	166	49
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	51	36	15

* SPECIALTY ITEMS

USER NAME = leeac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -			55	(102,103)RS-4	WINNEBAGO	78	05		
CHECKED -	REVISED -									CONTRACT NO. 64P29
PLOT DATE = 1/25/2021	DATE -	REVISED -		SCALE:	OF SHEETS STA. TO STA.					ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE
				STP - 80% FED 20% STATE	STP>200K - 80% FED 20% STATE
				ROADWAY	ROADWAY
				0005	0005
				RURAL	URBAN
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	60	30	30
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3,839	2,346	1,493
60255500	MANHOLES TO BE ADJUSTED	EACH	2	1	1
60260100	INLETS TO BE ADJUSTED	EACH	2	1	1
63500105	DELINEATORS	EACH	4	1	3
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	75,166	46,860	28,306
*	66700305 PERMANENT SURVEY MARKERS, TYPE II	EACH	1	0	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.5	0.5
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5	0.5
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	0.5	0.5

* SPECIALTY ITEMS

USER NAME = leeac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		55	(102,103)RS-4		WINNEBAGO	78	06		
	CHECKED -	REVISED -									CONTRACT NO. 64P29
	PLOT DATE = 1/25/2021	DATE -		SCALE:	OF	Sheets	STA,	TO STA,		ILLINOIS	FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE
				STP - 80% FED 20% STATE	STP>200K - 80% FED 20% STATE
				ROADWAY	ROADWAY
				0005	0005
				RURAL	URBAN
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	6	3	3
70300100	SHORT TERM PAVEMENT MARKING	FOOT	27,243	14,556	12,687
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3,027	1,617	1,410
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	992	160	832
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	148,310	82,016	66,294
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	7,780	972	6,808
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2,639	507	2,132
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	728	268	460
*	78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	992	160	832
*	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	148,310	82,016	66,294
*	78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	7,780	972	6,808
*	78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,639	507	2,132
*	78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	728	268	460

* SPECIALTY ITEMS

USER NAME = leeac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.S. RTE. 55	SECTION (102,103)RS-4	COUNTY WINNEBAGO	TOTAL SHEETS 78	SHEET NO. 07
				DRAWN -	REVISED -	OF SHEETS STA. TO STA.					
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF SHEETS STA. TO STA.					
PLOT DATE = 1/25/2021	DATE -	REVISED -									
							ILLINOIS	FED. AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE
				STP - 80% FED 20% STATE	STP>200K - 80% FED 20% STATE
				ROADWAY 0005 RURAL	ROADWAY 0005 URBAN
*	78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1,314	736	578
*	78009012 MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	38	0	38
*	78100100 RAISED REFLECTIVE PAVEMENT MARKER	EACH	39	39	0
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	992	349	643
	X4400196 HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	4,999	2,960	2,039
*	X7830060 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1,240	200	1,040
*	X7830070 GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	148,310	82,016	66,294
*	X7830076 GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	7,780	972	6,808
*	X7830078 GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	2,639	507	2,132
*	X7830090 GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	728	268	460
	Z0028415 GEOTECHNICAL REINFORCEMENT	SQ YD	326	232	94
	Z0033700 LONGITUDINAL JOINT SEALANT	FOOT	56,297	29,190	27,107
	Z0034105 MATERIAL TRANSFER DEVICE	TON	28,710	15,932	12,778
	Z0040315 PILOT CAR	DAY	6	3	3

* SPECIALTY ITEMS

USER NAME = leecac	DESIGNED -	REVISED -	SUMMARY OF QUANTITIES				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -					55	(102,103)RS-4	WINNEBAGO	78	08
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 64P29	ILLINOIS	FED. AID PROJECT	
PLOT DATE = 1/25/2021	DATE -	REVISED -									
			SCALE:	1	OF	3	STA.	TO STA.			

A. COMPOSITE PAVEMENT - TANGENT SEGMENT

3" MILLING (STANDARD)

3-3/4" MILLING (GUARDRAIL / C&C)

466+06.40 - 473+58.69 463+39.00 - 466+06.40 (GR)
 495+58.19 - 505+51.20 487+91.99 - 492+64.94 (GR)
 520+58.80 - 535+75.25 493+42.34 - 495+58.19 (GR)
 547+23.90 - 643+05.54 643+05.54 - 651+53.53 (C&C)
 651+53.53 - 695+29.00 768+61.56 - 772+52.72 (C&C)
 716+44.00 - 732+10.65
 746+15.02 - 762+16.31
 772+52.72 - 783+55.00
 808+27.00 - 850+90.74
 902+99.00 - 915+63.99

C

8' BIT SHLD 12' & VAR. 12' & VAR. 8' BIT SHLD

* * * *

EXISTING CONCRETE PAVEMENT WITH HMA OVERLAY
 HMA SURFACE REMOVAL 3" OR 3-3/4" (SEE STATIONS)
 1 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5,N50
 2" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D"
 EX BAI

PAVING OMISSIONS

$$\begin{array}{r} 487+14.67 \\ 492+64.94 \\ 512+74.74 \\ 854+34.77 \end{array} - \begin{array}{r} 487+91.9 \\ 493+42.3 \\ 513+52.2 \\ 855+30.7 \end{array}$$



B. COMPOSITE PAVEMENT - MEDIANS

3" MILLING (STANDARD)

3-3/4" MILLING (GUARDRAIL / C&G)

$$\begin{array}{r} 850+90.74 = 851+77.01 \\ 870+29.00 = 875+13.75 \\ 884+80.14 = 888+98.02 \\ 898+52.82 = 902+99.00 \end{array}$$

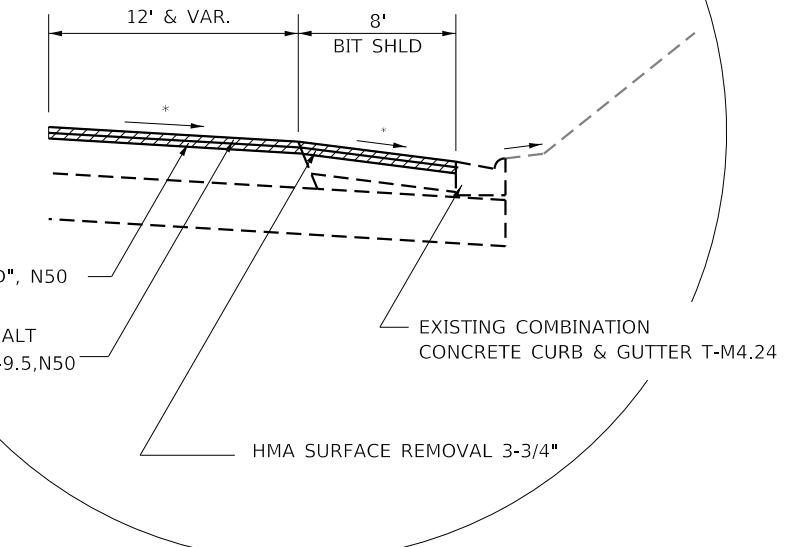
851+77.01 - 854+34.77 (GR)
855+30.77 - 856+48.00 (GR)
896+28.01 - 898+52.82 (GR)

The diagram illustrates a cross-section of a four-lane road. The lanes are defined by the following widths: 8' & VAR BIT SHLD, 13' & VAR THRU LANE, MEDIAN AND LEFT TURN LANE, 13' & VAR THRU LANE, and 8' & VAR BIT SHLD. The road surface consists of a 2" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, and a 1 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50. Below the asphalt layers, there is an EXISTING CONCRETE PAVEMENT WITH HMA OVERLAY. The diagram also shows the removal of HMA SURFACE REMOVAL, 3" OR 3 3/4" (SEE STATIONS NOTED) from the existing pavement.

*MATCH EXISTING CROSS SLOPE (MIN. 1/8")/F
HMA MIX D = 112 LB/SY/IN
HMA MIX C = 112 LB/SY/IN

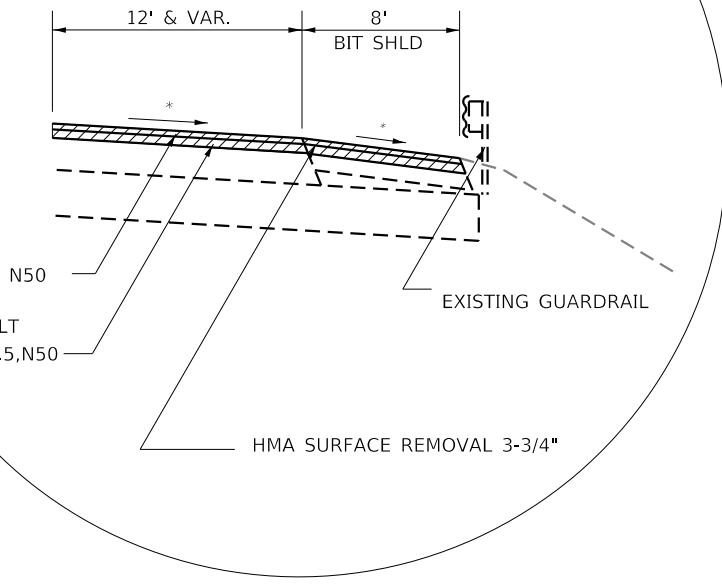
1. DETAIL - EXIST. CURB & GUTTER SECTIONS

(MAINLINE HMA PAVEMENT AND SHOULDERS SHALL BE MILLED 3-3/4" THROUGH EXISTING CURB & GUTTER SECTIONS IN ORDER TO MAINTAIN EXISTING PROFILE)



2. DETAIL - EXIST. GUARDRAIL SECTIONS

(MAINLINE HMA PAVEMENT AND SHOULDERS SHALL BE
MILLED 3-3/4" THROUGH EXISTING GUARDRAIL
SECTIONS IN ORDER TO MAINTAIN EXISTING PROFILE)



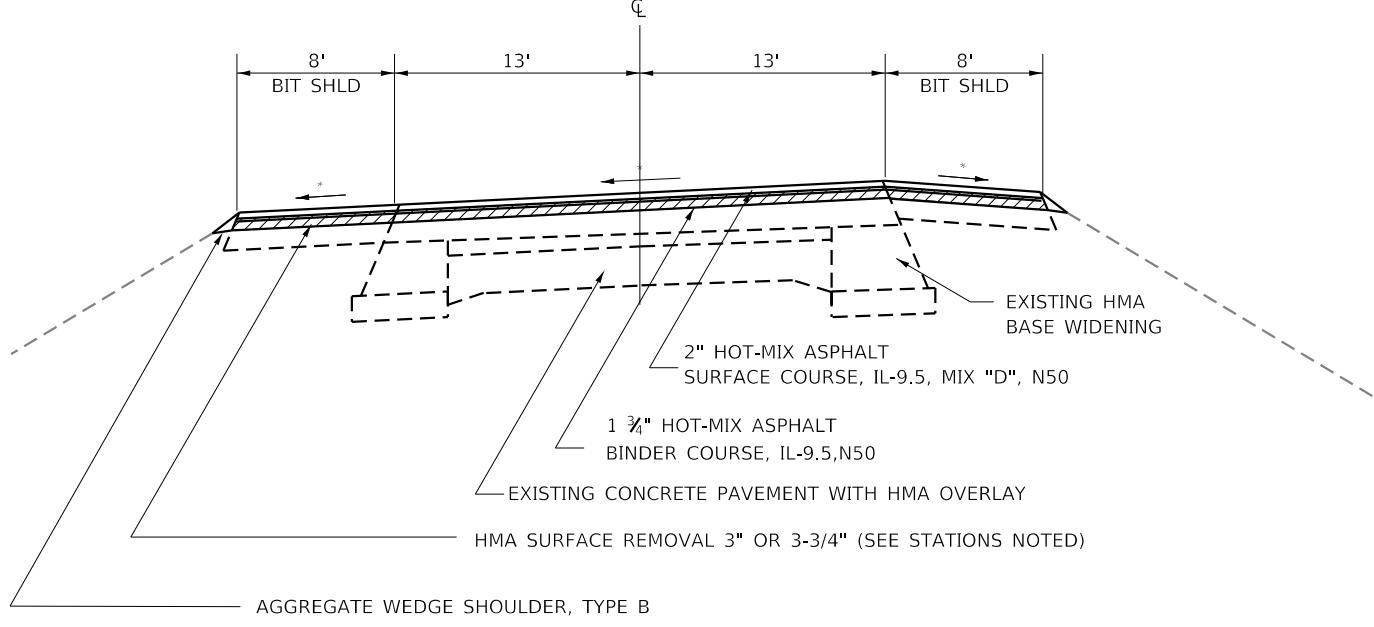
C. COMPOSITE PAVEMENT - SUPER ELEVATION LEFT

3" MILLING (STANDARD)

473+58.69 - 473+85.60
516+34.81 - 520+58.80

3-3/4" MILLING (GUARDRAIL / C&G)

473+85.60 - 487+14.67 (GR)
513+52.23 - 516+34.81 (GR)



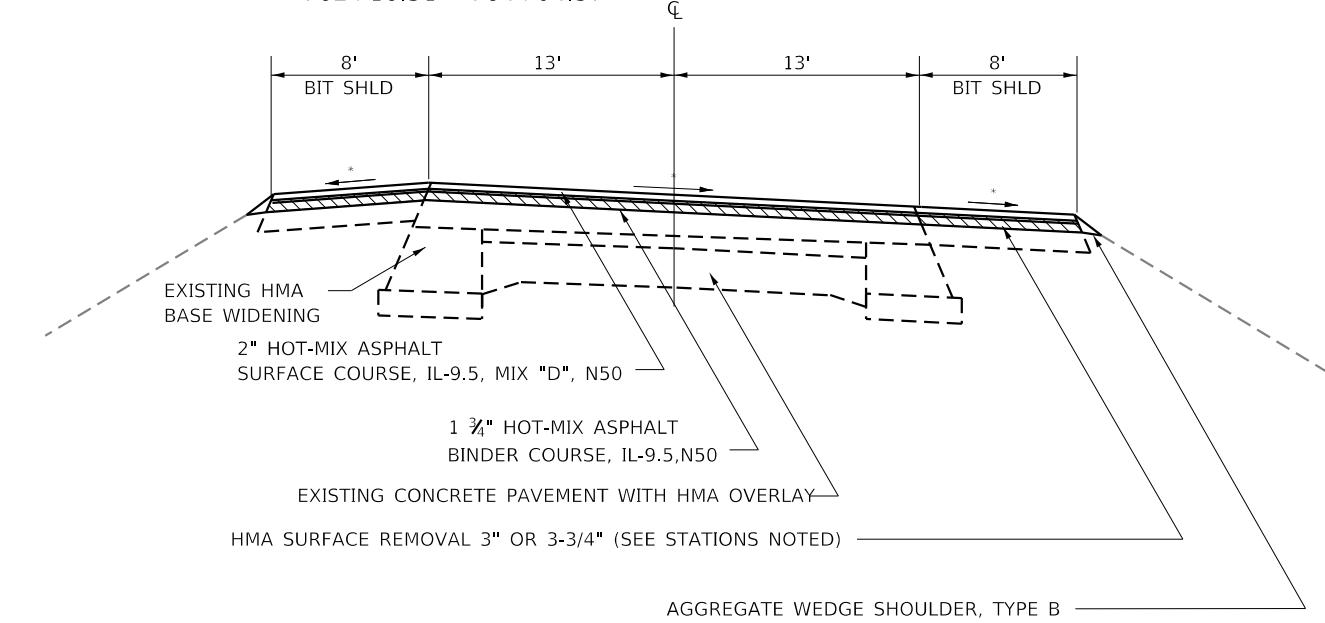
D. COMPOSITE PAVEMENT - SUPER ELEVATION LEFT

3" MILLING (STANDARD)

535+75.25 - 538+55.62
541+94.26 - 547+23.90
762+16.31 - 764+04.57

3-3/4" MILLING (GUARDRAIL / C&G)

538+55.62 - 541+94.26 (C&G)
764+04.57 - 768+61.56 (C&G)



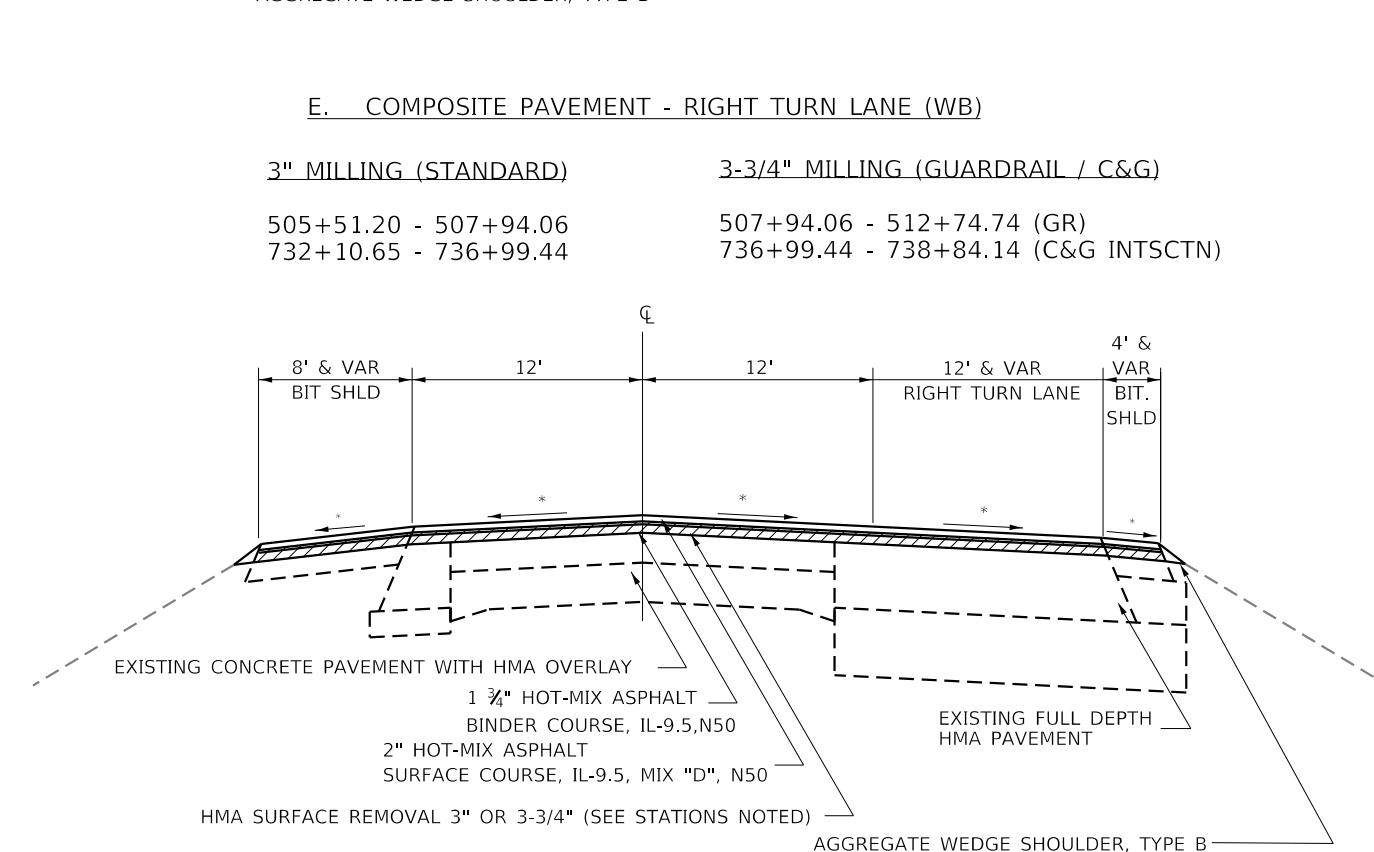
E. COMPOSITE PAVEMENT - RIGHT TURN LANE (WB)

3" MILLING (STANDARD)

505+51.20 - 507+94.06
732+10.65 - 736+99.44

3-3/4" MILLING (GUARDRAIL / C&G)

507+94.06 - 512+74.74 (GR)
736+99.44 - 738+84.14 (C&G INTSCTN)



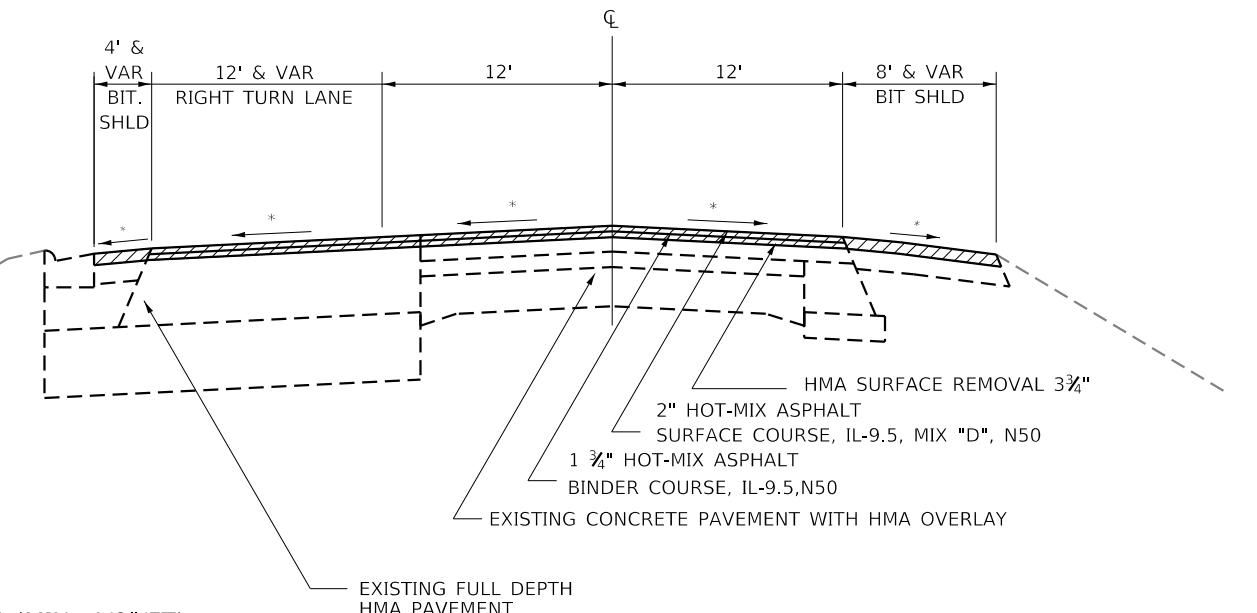
F. COMPOSITE PAVEMENT - RIGHT TURN LANE (EB)

3" MILLING (STANDARD)

(NONE)

3-3/4" MILLING (GUARDRAIL / C&G)

738+84.14 - 746+67.16 (C&G INTSCTN)



*MATCH EXISTING CROSS SLOPE (MIN. 1/8"/FT)
HMA MIX D = 112 LB/SY/IN
HMA MIX C = 112 LB/SY/IN

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			IL ROUTE 70 TYPICAL SECTIONS				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = levac	DESIGNED -	REVISED -	SCALE:	1:100,000	1:100,000	1:100,000	55	(102,103)RS-4	WINNEBAGO	78	11
PLOT SCALE = 100,000 ' / in.	CHECKED -	REVISED -	DATE	-	REVISED -	DATE					CONTRACT NO. 64P29
PLOT DATE = 1/25/2021											ILLINOIS FED. AID PROJECT

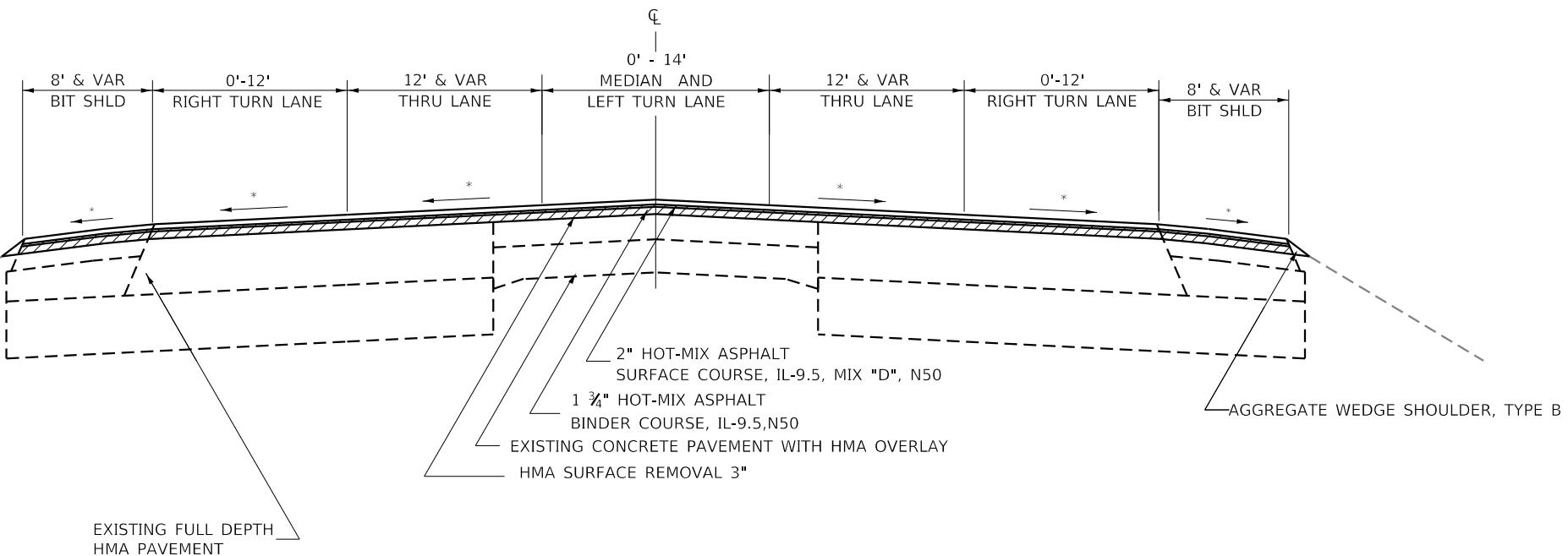
G. COMPOSITE PAVEMENT - MEDIAN WITH TURN LANES

3" MILLING (STANDARD)

865+96.71 - 870+29.00

3-3/4" MILLING (GUARDRAIL / C&G)

861+25.00 - 865+96.71



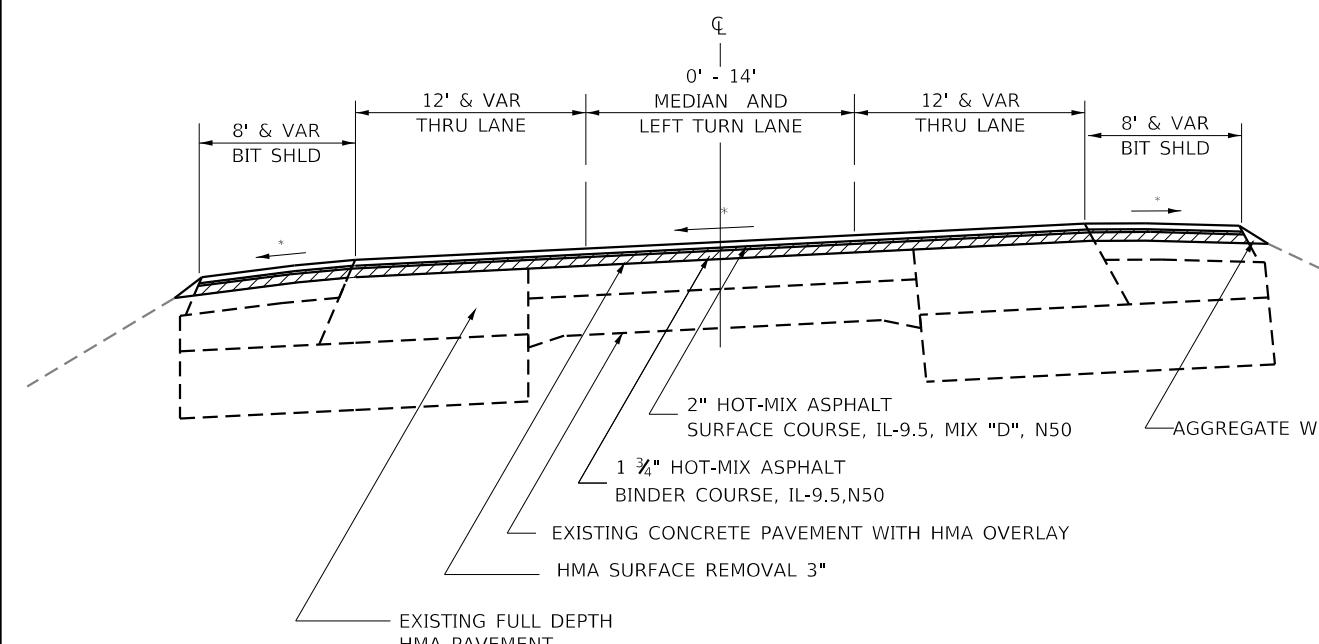
H. COMPOSITE PAVEMENT - MEDIAN WITH SUPER ELEVATION LEFT

3" MILLING (STANDARD)

875+13.75 - 884+80.14

3-3/4" MILLING (GUARDRAIL / C&G)

(NONE)



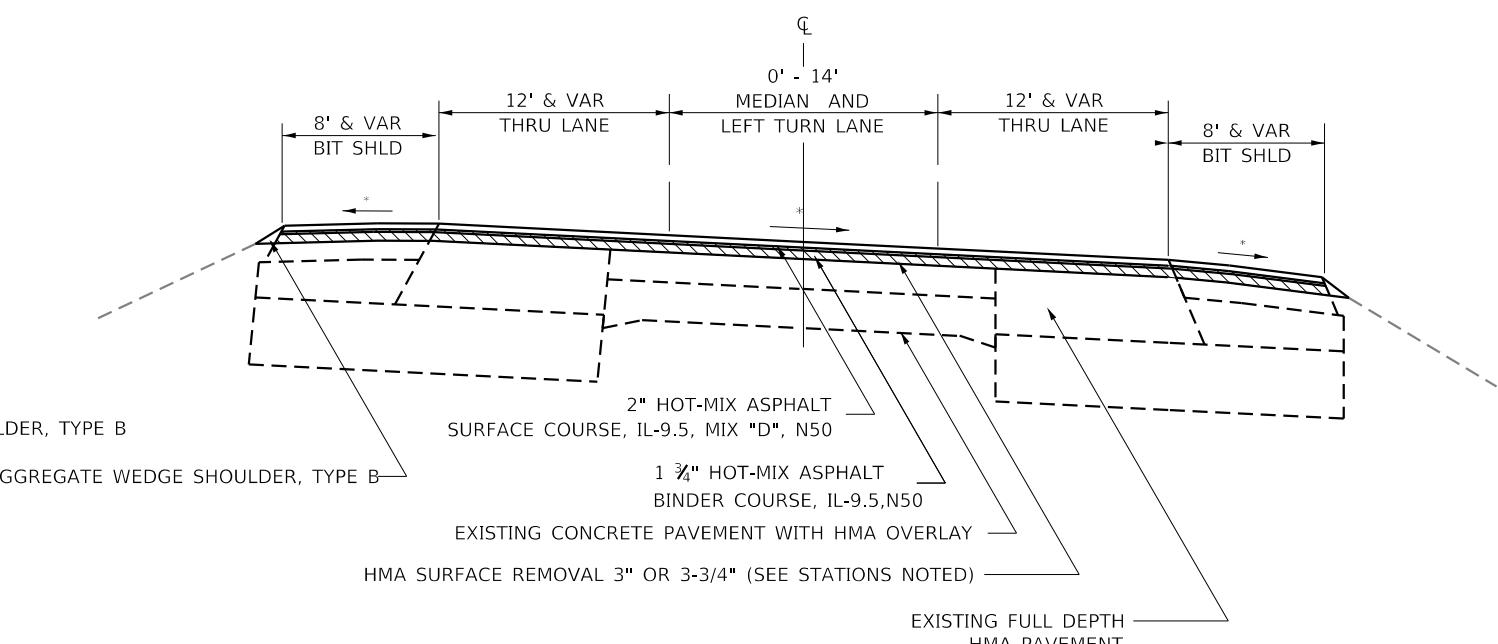
I. COMPOSITE PAVEMENT - MEDIAN WITH SUPER ELEVATION RIGHT

3" MILLING (STANDARD)

888+98.02 - 889+90.47

3-3/4" MILLING (GUARDRAIL / C&G)

889+90.47 - 896+28.01 (C&G)



*MATCH EXISTING CROSS SLOPE (MIN. 1/8"/FT)

HMA MIX D = 112 LB/SY/IN

HMA MIX C = 112 LB/SY/IN

USER NAME	= leiac	DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-		
PLOT SCALE	= 100,000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 1/25/2021	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

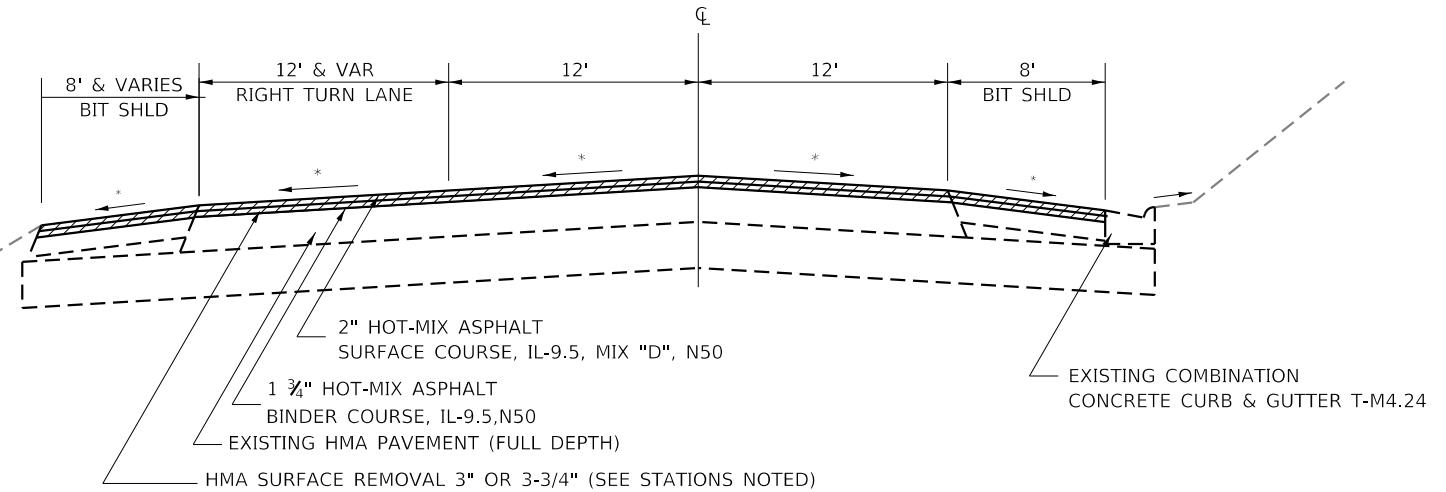
IL ROUTE 70
TYPICAL SECTIONS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(102,103)RS-4	WINNEBAGO	78	12
		CONTRACT NO. 64P29		ILLINOIS FED. AID PROJECT

SCALE: SHEET OF SHEETS STA. TO STA.

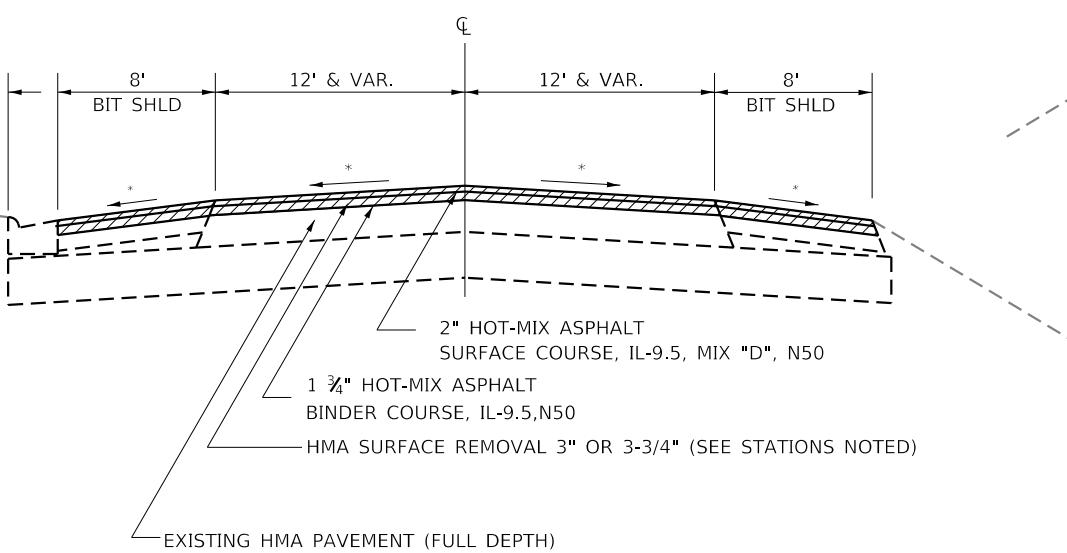
K. FULL DEPTH HMA PAVEMENT -RIGHT TURN LANE (WB)

3" MILLING (STANDARD) 3-3/4" MILLING (GUARDRAIL / C&G)
 798+20.74 - 801+78.35 796+31.20 - 798+20.74 (C&G)



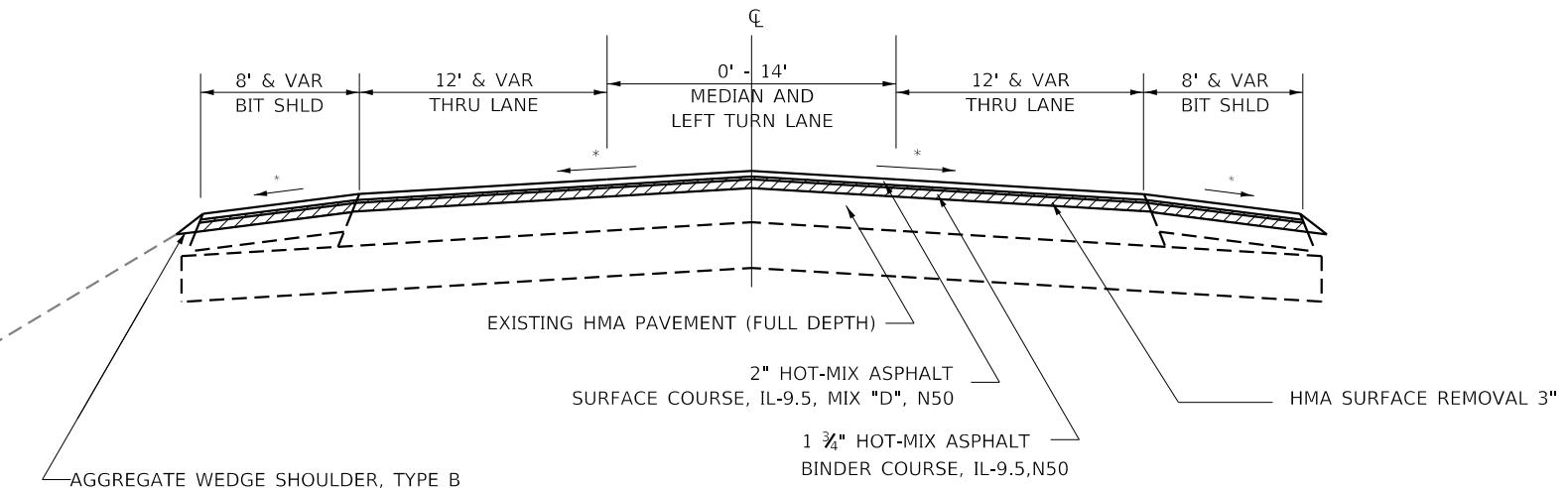
J. FULL DEPTH HMA PAVEMENT - TANGENT SECTION

3" MILLING (STANDARD) 3-3/4" MILLING (GUARDRAIL / C&G)
 783+55.00 - 785+54.70 785+54.70 - 796+31.20 (C&G)
 801+78.35 - 808+27.00 915+63.99 - 916+57.82 (C&G)



L. FULL DEPTH HMA PAVEMENT - MEDIAN SEGMENT

3" MILLING (STANDARD) 3-3/4" MILLING (GUARDRAIL / C&G)
 695+29.00 - 716+44.00 (NONE)



*MATCH EXISTING CROSS SLOPE (MIN. 1/8"/FT)
 HMA MIX D = 112 LB/SY/IN
 HMA MIX C = 112 LB/SY/IN

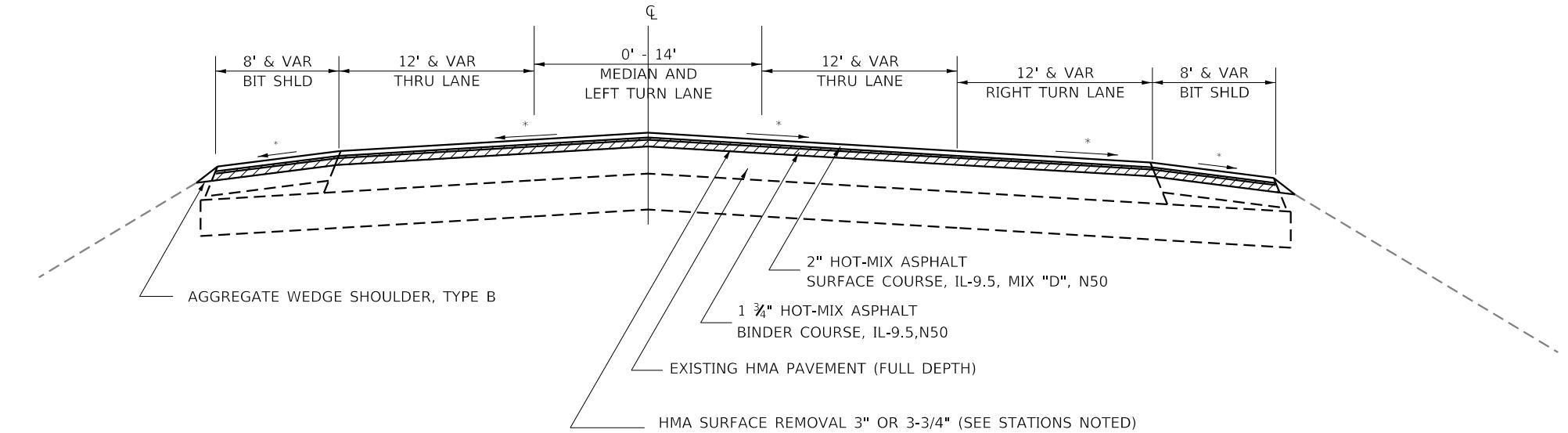
M. FULL DEPTH HMA PAVEMENT - MEDIAN WITH TURN LANES

3" MILLING (STANDARD)

(NONE)

3-3/4" MILLING (GUARDRAIL / C&G)

856+48.00 - 857+88.37 (GR)
857+88.37 - 861+25.00 (3.75" GAP MILLING)



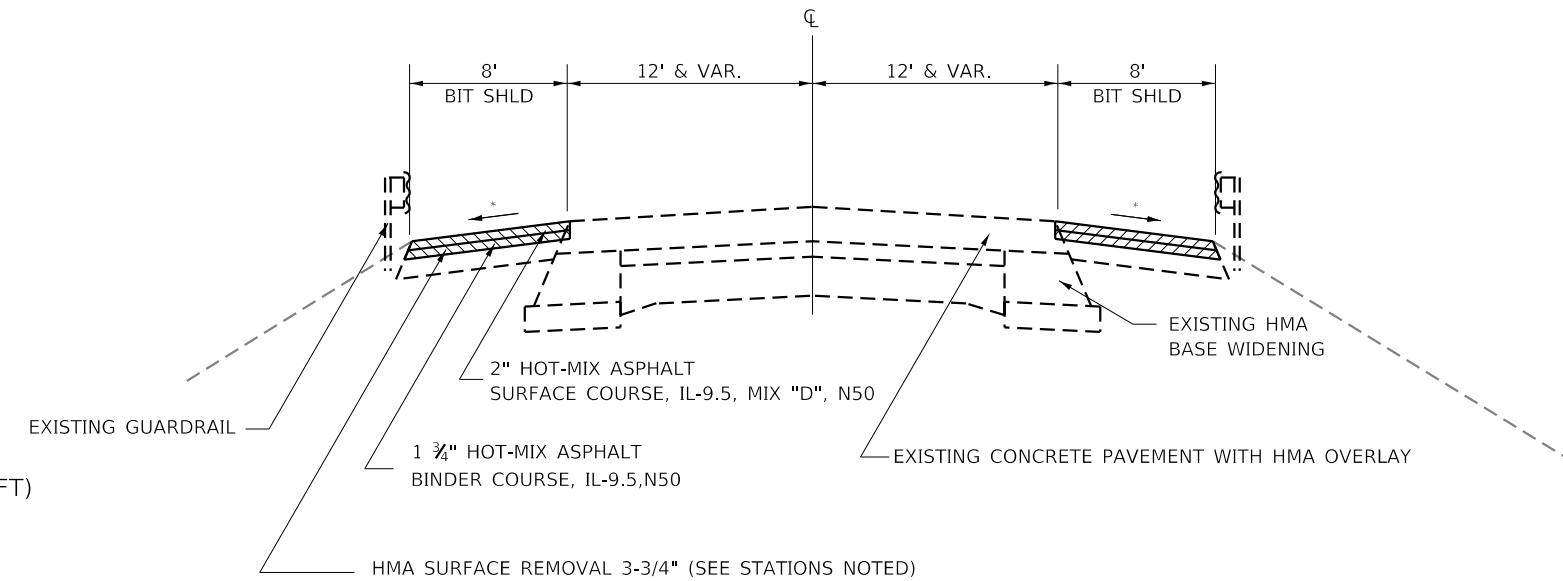
N. COMPOSITE PAVEMENT - TANGENT SEGMENT (SHOULDER ONLY)

3" MILLING (STANDARD)

(NONE)

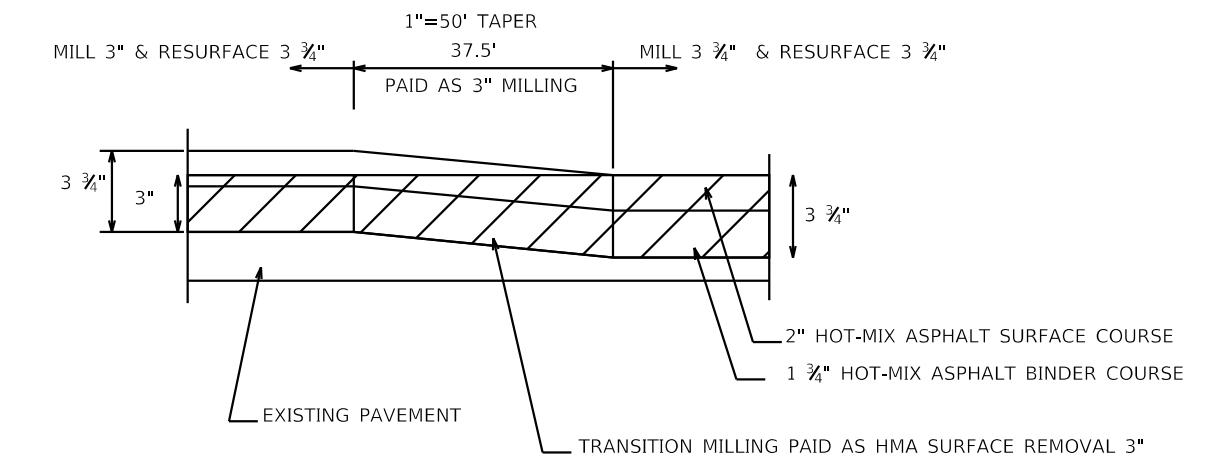
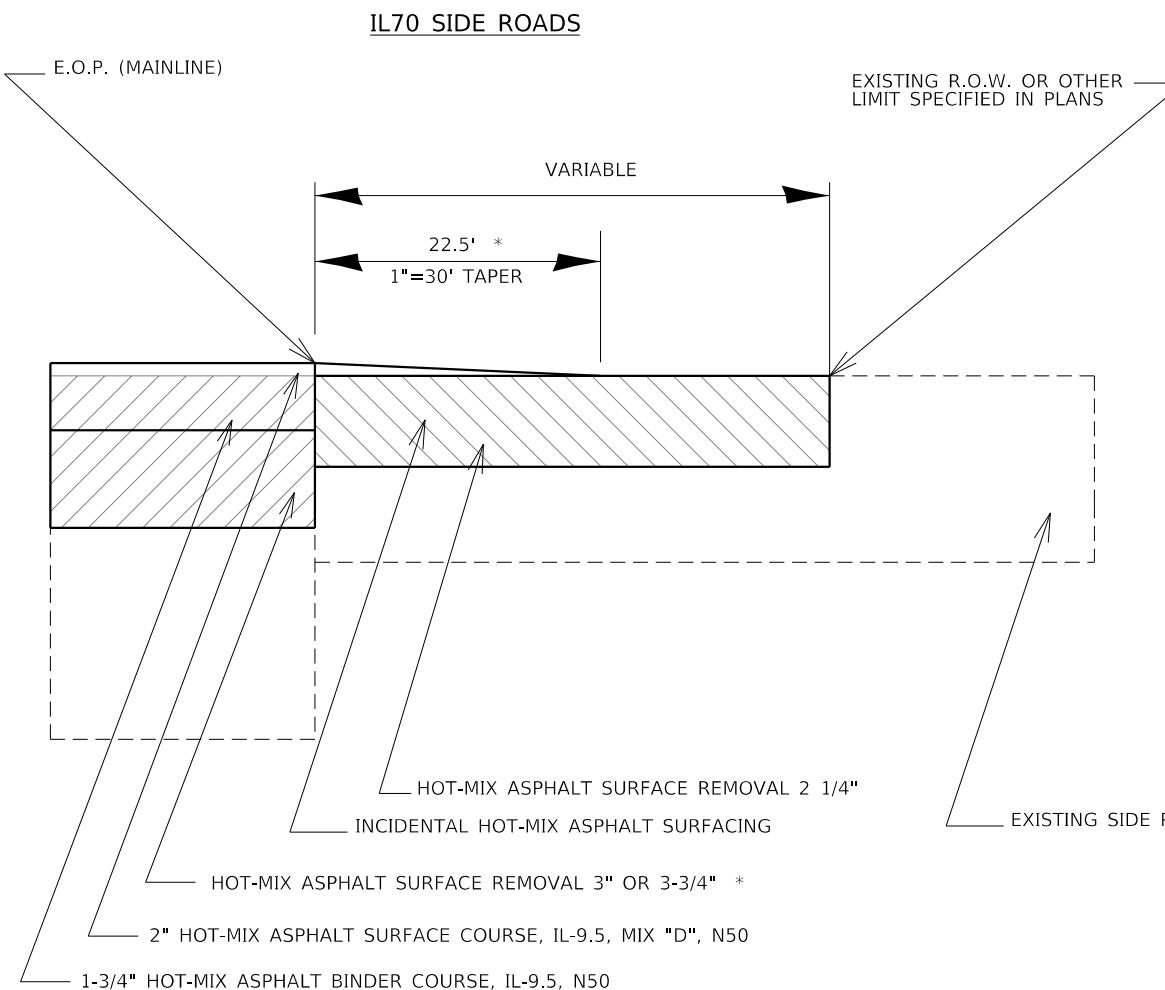
3-3/4" MILLING (GUARDRAIL / C&G)

462+65.45 - 463+39.00 (GR)

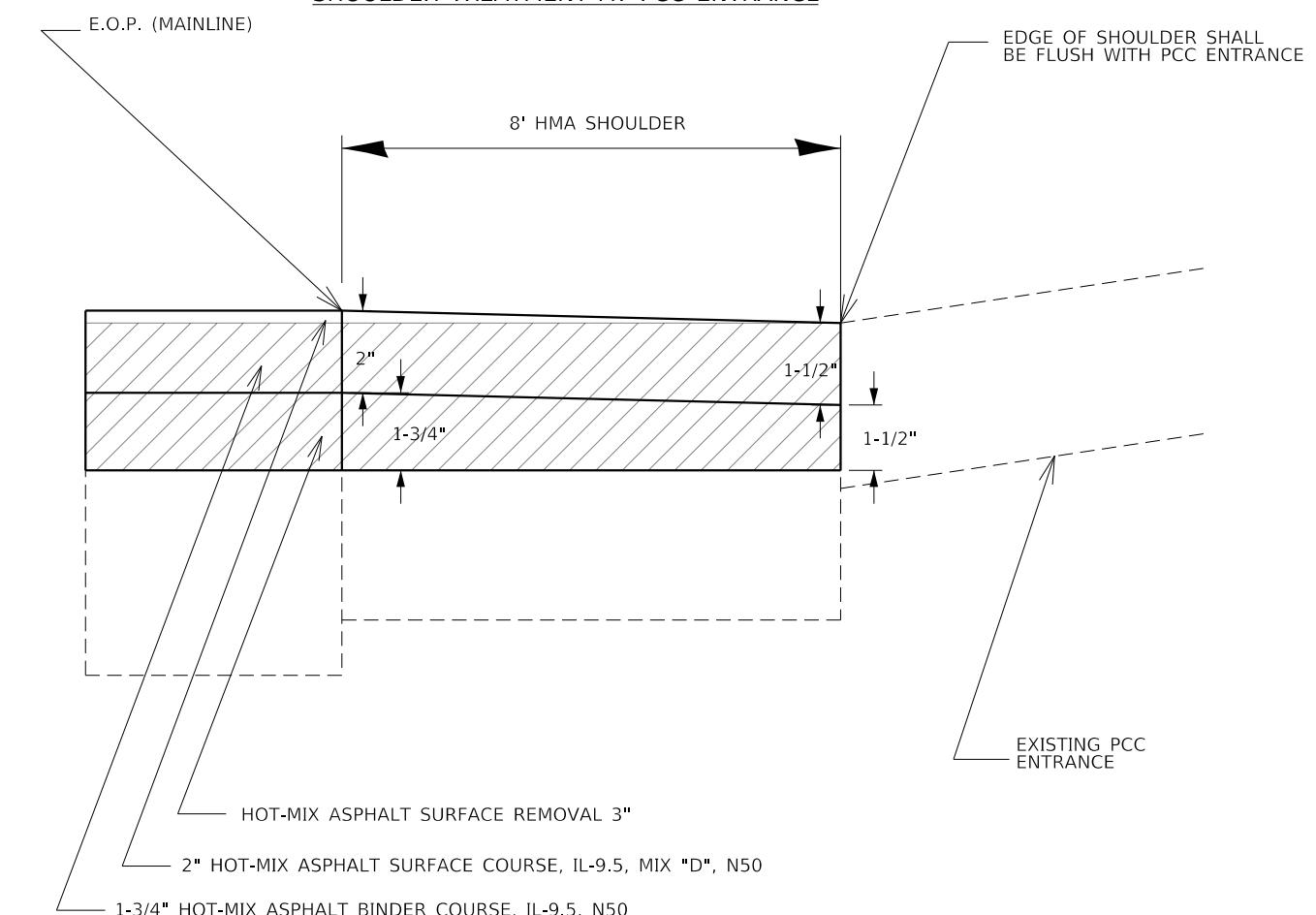


*MATCH EXISTING CROSS SLOPE (MIN. 1/8"/FT)
HMA MIX D = 112 LB/SY/IN
HMA MIX C = 112 LB/SY/IN

MILLING TRANSITION TAPER



SHOULDER TREATMENT AT PCC ENTRANCE

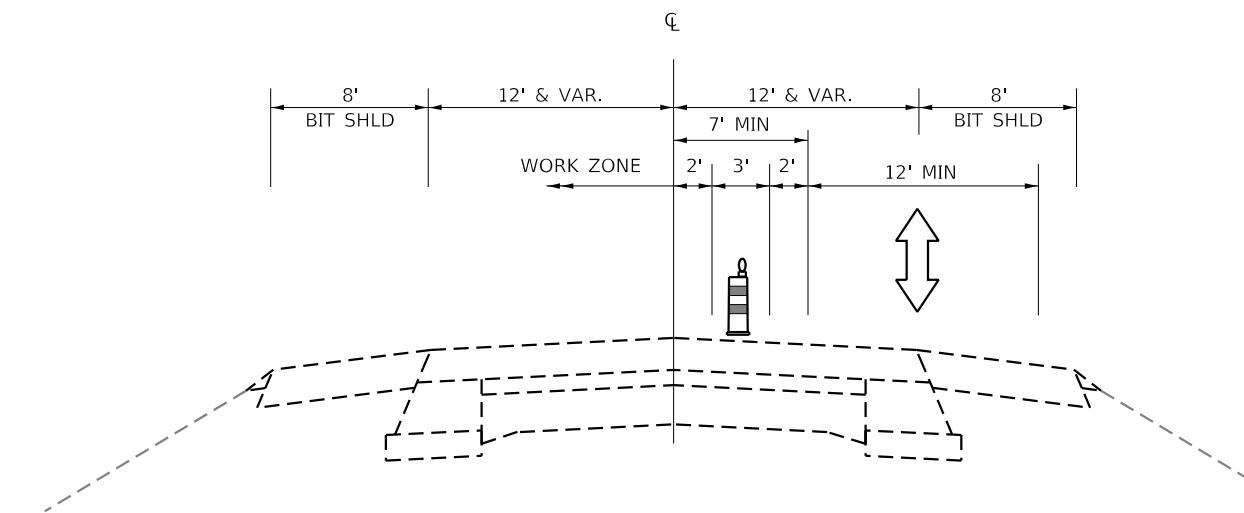


* SIDE ROAD TAPER OF 1"=30' IS REQUIRED ONLY WHERE ADJACENT MAINLINE HMA SURFACE REMOVAL IS 3"

	EXISTING COMPOSITE (HMA OVER PCC) W/ WIDENING	EXISTING FULL DEPTH HMA PAVEMENT
EXISTING PAVEMENT		
PATCHING - STEP I (PARTIAL DEPTH)		
PATCHING - STEP II (FULL DEPTH) (IF DEEMED NECESSARY)		(N/A - NO FULL DEPTH PATCHES FOR FULL DEPTH HMA SECTIONS)

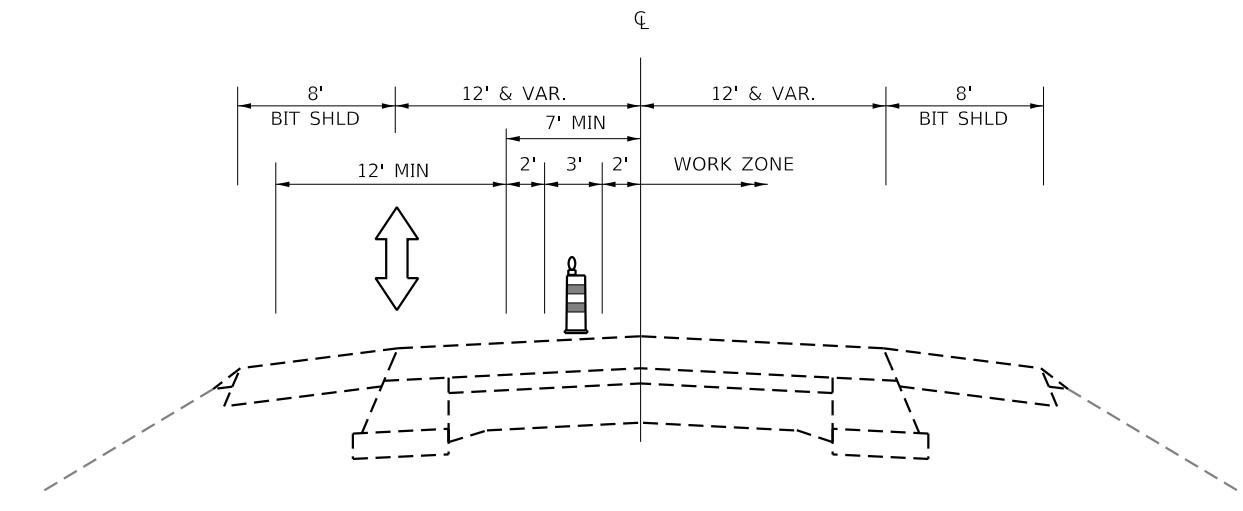
NOTE: PATCHING SHALL BE PERFORMED ONE LANE AT A TIME IN ORDER TO
KEEP A MINIMUM OF ONE LANE OF TRAFFIC OPEN AT ALL TIMES DURING
CONSTRUCTION ACTIVITIES

USER NAME = leaac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 70 PATCHING TYPICAL SECTIONS				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		WINNEBAGO	78	16
CHECKED -	REVISED -											CONTRACT NO. 64P29	
PLOT DATE = 1/25/2021	DATE -	REVISED -								ILLINOIS	FED. AID PROJECT		



NB IL 70

TWO-LANE SINGLE LANE DAILY CLOSURE
MINIMUM TRAFFIC AND SHOULDER STAGED WIDTHS



SB IL 70

TWO-LANE SINGLE LANE DAILY CLOSURE
MINIMUM TRAFFIC AND SHOULDER STAGED WIDTHS

USER NAME = leeac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 70 MOT TYPICAL SECTION (2 LANE SECTION)			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -			55	(102,103)RS-4		WINNEBAGO	78	17		
CHECKED -	REVISED -										CONTRACT NO. 64P29
PLOT DATE = 1/25/2021	DATE -	REVISED -		SCALE:	OF	SHEETS	STA,	TO STA,		ILLINOIS	FED. AID PROJECT

30300001	AGGREGATE SUBGRADE IMPROVEMENT				
CU YD	LOCATION	REMARKS			
	RURAL	FULL DEPTH PATCHING SUBGRADE			
39		ONLY AS DIRECTED BY ENGINEER			
39	SUBTOTAL (RURAL)				
	URBAN				
16					
16	SUBTOTAL (URBAN)				
55	TOTAL				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES				
TON	LOCATION	REMARKS			
	RURAL	REPLACEMENT OF 7" PARTIAL DEPTH PATCHES			
909					
909	SUBTOTAL (RURAL)				
	URBAN				
314		REPLACEMENT OF 7" PARTIAL DEPTH PATCHES			
314	SUBTOTAL (URBAN)				
1,223	TOTAL				
44002228	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 7"				
SQ YD	LOCATION	REMARKS			
	RURAL				
2320					
2320	SUBTOTAL (RURAL)				
	URBAN				
800					
800	SUBTOTAL (URBAN)				
3,120	TOTAL				
44201827	CLASS D PATCHES, TYPE II, 15 INCH				
SQ YD	LOCATION	REMARKS			
	RURAL	APPROX 10% OF PARTIAL DEPTH QUANTITY			
166					
166	SUBTOTAL (RURAL)				
	URBAN				
49		APPROX 10% OF PARTIAL DEPTH QUANTITY			
49	SUBTOTAL (URBAN)				
215	TOTAL				

44201831	CLASS D PATCHES, TYPE III, 15 INCH				
SQ YD	LOCATION	REMARKS			
	RURAL	APPROX 10% OF PARTIAL DEPTH QUANTITY			
36					
36	SUBTOTAL (RURAL)				
	URBAN				
15					
15	SUBTOTAL (URBAN)				
51	TOTAL				
44201833	CLASS D PATCHES, TYPE IV, 15 INCH				
SQ YD	LOCATION	REMARKS			
	RURAL	APPROX 10% OF PARTIAL DEPTH QUANTITY			
30					
30	SUBTOTAL (RURAL)				
	URBAN				
30		APPROX 10% OF PARTIAL DEPTH QUANTITY			
30	SUBTOTAL (URBAN)				
60	TOTAL				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B				
TON	LOCATION				
	RURAL				
54	466+06	-	473+59		
71	495+58	-	505+51		
109	520+59	-	535+75		
20	535+75	-	538+56		
38	541+94	-	547+24		
690	547+24	-	643+06		
315	651+54	-	695+29		
152	695+29	-	716+44		
113	716+44	-	732+11		
2,346	SUBTOTAL (RURAL)				

URBAN			
24.0	738+30	-	738+48
13.9	738+72	-	738+85
23.5	739+49	-	739+62
12.0	739+63		
12.0	738+59		
23.6	738+62	-	738+74
12.8	739+36	-	739+48
23.7	739+78	-	739+96
22.0	795+16	-	795+34
12.0	795+53	-	795+64
16.8	832+04		
20.0	862+95	-	863+09
12.0	863+19	-	863+30
12.0	863+42	-	863+53
12.0	863+84		
12.0	864+00		
28.0	863+94	-	864+18
11.0	862+47		
12	862+66		
28.0	862+38	-	862+60
12.0	862+94	-	863+05
12.0	863+16	-	863+28
20	863+40	-	863+53
26	877+72	-	877+97
29.0	886+78	-	887+07
17.6	894+82	-	894+97
460	SUBTOTAL (URBAN)		
728	TOTAL		
78009004	<u>MODIFIED URETHANE PAVEMENT MARKING - LINE 4"</u>		
FOOT	LOCATION	REMARKS	
	RURAL	WHITE	
155	487+15	-	487+92
155	492+65	-	493+42
155	512+75	-	513+52
		YELLOW	
77	487+15	-	487+92
19	487+15	487+92	
19	492+65	-	493+43
156	512+75	-	513+52
736	SUBTOTAL (RURAL)		
	URBAN	YELLOW	
385	854+32	855+28	
		PAINTED MEDIAN (BRIDGE # 4)	
		WHITE	
192	854+35	855+31	
578	SUBTOTAL (URBAN)		
1,314	TOTAL		

78009012	<u>MODIFIED URETHANE PAVEMENT MARKING - LINE 12"</u>		
FOOT	LOCATION		
	RURAL		
0	N/A		
0	SUBTOTAL (RURAL)		
	URBAN		
38	854+35	-	855+31
38	SUBTOTAL (URBAN)		
38	TOTAL		
78100100	<u>RAISED REFLECTIVE PAVEMENT MARKER</u>		
EACH	LOCATION	OFFSET	REMARKS
	ONE-WAY CRISTAL		
	RURAL		
10	701+53	-	703+53
15	704+90	-	707+90
14	704+90	-	707+70
39	(SUBTOTAL RURAL)		
	URBAN		
0			
0	(SUBTOTAL URBAN)		
39	SUBTOTAL RURAL		
0	SUBTOTAL URBAN		
39	TOTAL		
78300200	<u>RAISED REFLECTIVE PAVEMENT MARKER REMOVAL</u>		
EACH	LOCATION	OFFSET	REMARKS
	RURAL		AS DIRECTED BY THE RESIDENT ENGINEER
349			(ESTIMATED 25% MISSING)
349	SUBTOTAL (RURAL)		
	URBAN		
643			
643	SUBTOTAL (URBAN)		
992	TOTAL		
X7830060	<u>GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS</u>		
SQ FT	LOCATION	OFFSET	REMARKS
	RURAL		MATCH FINAL THERMO - 125% RATE MAXIMUM
200			
200	SUBTOTAL (RURAL)		
	URBAN		
1,040			
1,040	SUBTOTAL (URBAN)		
1,240	TOTAL		

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES					F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCALE:	1,040	SHEET	OF	1,240	55	(102,103)RS-4	WINNEBAGO	78	27
										CONTRACT NO. 64P29
										ILLINOIS FED. AID PROJECT
FILE NAME: 64P29\Program Development\Studies & Plans\DesignCAD\Sheets\02_64P29-shr-cover_and_schedules.dwg		DATE	REVISED	DATE	REVISED	DATE	REVISED	DATE	REVISED	

X7830070	<u>GROOVING FOR RECESSED PAVEMENT MARKING 5"</u>		
FOOT	LOCATION	OFFSET	REMARKS
	RURAL		MATCH FINAL THERMO 4"
82 , 016			
82 , 016	SUBTOTAL (RURAL)		
	URBAN		
66 , 294			
66 , 294	SUBTOTAL (URBAN)		
148 , 310	TOTAL		
X7830076	<u>GROOVING FOR RECESSED PAVEMENT MARKING 9"</u>		
FOOT	LOCATION	OFFSET	REMARKS
	RURAL		MATCH FINAL THERMO 8"
972			
972	SUBTOTAL (RURAL)		
	URBAN		
6 , 808			
6 , 808	SUBTOTAL (URBAN)		
7 , 780	TOTAL		
X7830078	<u>GROOVING FOR RECESSED PAVEMENT MARKING 13"</u>		
FOOT	LOCATION	OFFSET	REMARKS
	RURAL		MATCH FINAL THERMO 12"
507			
507	SUBTOTAL (RURAL)		
	URBAN		
2 , 132			
2 , 132	SUBTOTAL (URBAN)		
2 , 639	TOTAL		
X7830090	<u>GROOVING FOR RECESSED PAVEMENT MARKING 25"</u>		
FOOT	LOCATION	OFFSET	REMARKS
	RURAL		MATCH FINAL THERMO 24"
268			
268	SUBTOTAL (RURAL)		
	URBAN		
460			
460	SUBTOTAL (URBAN)		
728	TOTAL		

Z0028415	<u>GEOTECHNICAL REINFORCEMENT</u>		
SQ YD	LOCATION	OFFSET	REMARKS
	RURAL		
232			FULL DEPTH PATCHING SUBGRADE
232	SUBTOTAL (RURAL)		ONLY AS DIRECTED BY ENGINEER
	URBAN		
94			
94	SUBTOTAL (URBAN)		
326	TOTAL		
Z0033700	<u>LONGITUDINAL JOINT SEALANT</u>		
FOOT	LOCATION		REMARKS
	RURAL	LINES	
2 , 376	463+39	- 487+15	1 (BRIDGE)
473	487+92	- 492+65	1 (BRIDGE)
1 , 209	493+42	- 505+51	1
1 , 447	505+51	- 512+75	2 (SB) RTL @ WINNEBAGO (BRIDGE)
18 , 221	513+52	- 695+73	1
1 , 560	695+73	- 703+53	2 MEDIAN AND (SB) LTL @ HARRISON
273	703+53	- 704+90	2 HARRISON INTERSECTION
1 , 820	704+90	- 714+00	2 MEDIAN AND (NB) LTL @ HARRISON
1 , 811	714+00	- 732+11	1
29 , 190	SUBTOTAL (RURAL)		
	URBAN		
978	732+11	- 736+99	2 (SB) RTL @ MERIDIAN
1 , 285	736+99	- 741+28	3 MERIDIAN INTERSECTION
974	741+28	- 746+15	2 (NB) RTL @ MERIDIAN
4 , 788	746+15	- 794+03	1
1 , 550	794+03	801+78	2 (NB) RTL @ TATE
5 , 020	801+78	851+98	1
468	851+98	854+32	2 MEDIAN (BRIDGE)
206	855+28	856+31	2 MEDIAN
614	856+31	858+36	3 (SB) LTL @ LAKESIDE
643	858+36	860+50	3 (SB) MEDIAN,RTL AND LTL @ SPRINGFIELD
2 , 186	860+50	865+97	4 INTERSECTION RIVERSIDE AND SPRINGFIELD
1 , 298	865+97	870+29	3 (NB) MEDIAN, RTL AND LTL @ RIVERSIDE
1 , 419	870+29	877+39	2 MEDIAN
1 , 802	877+39	886+40	2 (NB) MEDIAN AND LTL @ BARTHOLOMEW
1 , 586	886+40	894+33	2 (NB) LTL @ ORCHARD AND (SB) LTL @ HALSTED
1 , 731	894+33	902+99	2 MEDIAN @ HALSTED
1 , 183	902+99	914+82	1
351	914+82	916+58	2 MEDIAN
27 , 107	SUBTOTAL (URBAN)		
56 , 297	TOTAL		

Z0034105	<u>MATERIAL TRANSFER DEVICE</u>			
TON	<u>LOCATION</u>			<u>REMARKS</u>
	RURAL			
15,932				MATCH HMA BINDER + SURFACE TONNAGE (NO SHOULDER)
15,932	SUBTOTAL (RURAL)			
	URBAN			
12,778				MATCH HMA BINDER + SURFACE TONNAGE (NO SHOULDER)
12,778	SUBTOTAL (URBAN)			
28,710	TOTAL			
Z0052000	<u>REPAIR STEEL PLATE BEAM GUARDRAIL, TYPE A</u>			
TON	<u>LOCATION</u>			<u>REMARKS</u>
	RURAL			
150				AT THE DIRECTION OF THE ENGINEER
150	SUBTOTAL (RURAL)			
	URBAN			
50				AT THE DIRECTION OF THE ENGINEER
50	SUBTOTAL (URBAN)			
200	TOTAL			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

USER NAME = leeac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		55	(102,103)RS-4	WINNEBAGO	78	29
	CHECKED -	REVISED -						CONTRACT NO. 64P29
	PLOT DATE = 1/25/2021	DATE -		SCALE:	OF SHEET	STA.	TO STA.	ILLINOIS FED. AID PROJECT

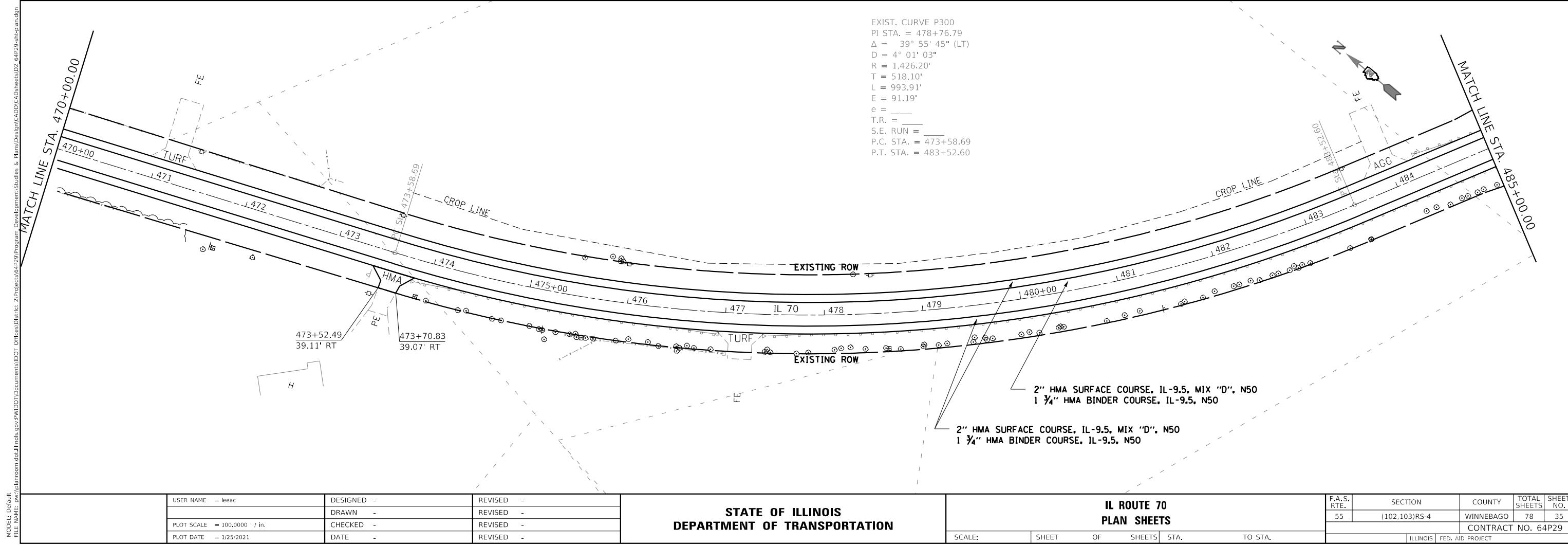
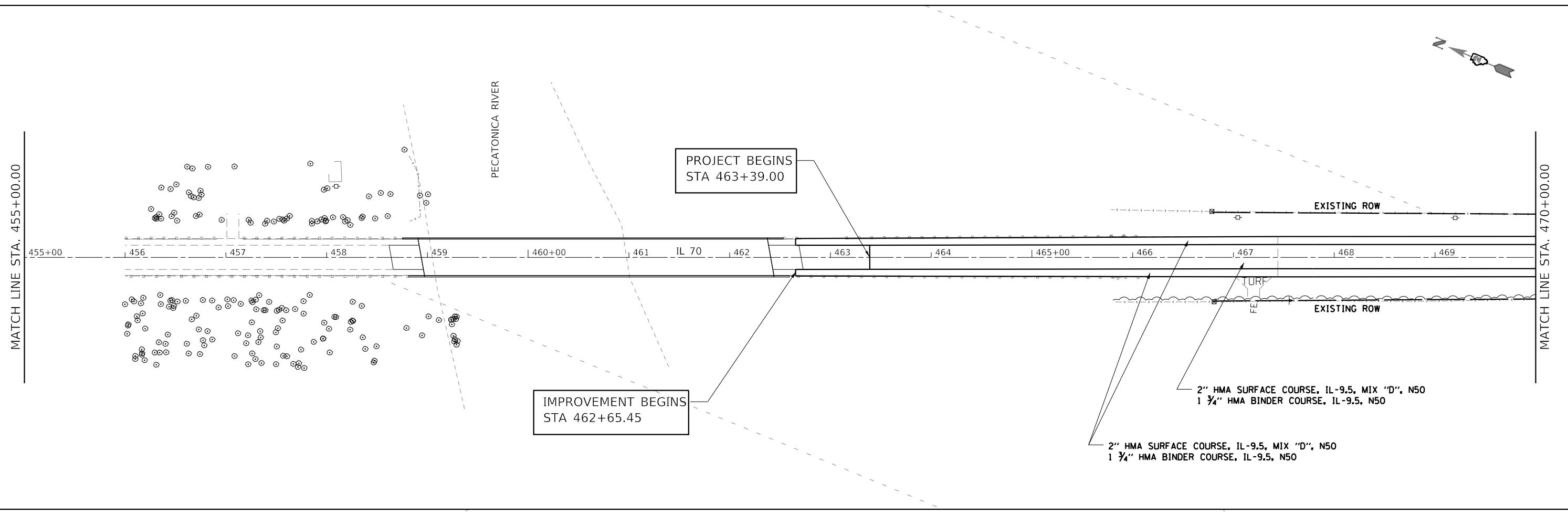
LOCATION				REMARKS	PAVEMENT						HOT-MIX ASPHALT SURFACE REMOVAL , 3"	HOT-MIX ASPHALT SURFACE REMOVAL , 3 3/4"
STA TO STA		LENGTH	AVG WDTN		AREA	RT SHLD R WDTN	AREA	LT SHLD R WDTN	AREA	SQ YD	SQ YD	SQ YD
RURAL		FT	FT		SQ YD	FT	SQ YD	FT	SQ YD	SQ YD	SQ YD	SQ YD
462 + 65.45	-	463 + 39.00		GUARDRAIL	74		0	8	65	8	65	
463 + 39.00	-	466 + 06.36		GUARDRAIL	267	24	713	8	238	8	238	
466 + 06.36	-	473 + 85.61		**	779	24	2078	8	693	8	693	3463
473 + 85.61	-	487 + 14.67		GUARDRAIL	1329	24	3544	8	1181	8	1181	
487 + 14.67	-	487 + 91.99		BRIDGE #1								5907
487 + 91.99	-	492 + 64.94		GUARDRAIL	473	24	1261	8	420	8	420	
492 + 64.94	-	493 + 42.34		BRIDGE # 2								
493 + 42.34	-	495 + 60.17		GUARDRAIL	218	24	581	8	194	8	194	
495 + 60.17	-	505 + 51.20		**	991	24	2643	8	881	8	881	4405
505 + 51.20	-	508 + 06.54		**	255	29	823	4	113	8	215	1151
508 + 06.54	-	512 + 04.84		GUARDRAIL	398	36	1593	4	177	8	354	
512 + 04.84	-	512 + 74.74		GUARDRAIL	70	VAR	217	VAR	40	8	62	
512 + 74.74	-	513 + 52.23		BRIDGE # 3								320
513 + 52.23	-	516 + 34.81		GUARDRAIL	283	24	754	8	251	8	251	
516 + 34.81	-	538 + 55.62		**	2221	24	5922	8	1974	8	1836	9732
538 + 55.62	-	541 + 94.26		C&G	339	24	903	8	301	8	301	
541 + 94.26	-	643 + 05.54		**	10111	24	26963	8	8775	8	8775	44514
643 + 05.54	-	651 + 53.53		C&G	848	24	2261	8	542	8	542	
651 + 53.53	-	695 + 73.28		**	4420	24	11786	8	3929	8	3929	19643
695 + 73.28	-	699 + 23.22		**	350	31	1205	8	311	8	311	1827
699 + 23.22	-	702 + 02.18		**	279	38	1178	8	248	8	248	1674
702 + 02.18	-	705 + 83.08		**	381	VAR	1,855	8	83	VAR	155	2094
705 + 83.08	-	710 + 49.58		**	467	38	1970	8	415	8	415	2799
710 + 49.48	-	713 + 99.58		**	350	31	1206	8	311	8	311	1828
713 + 99.58	-	732 + 10.65		**	1811	24	4830	8	1610	8	1610	8049
					SUBTOTAL - RURAL							101,181
												18,847

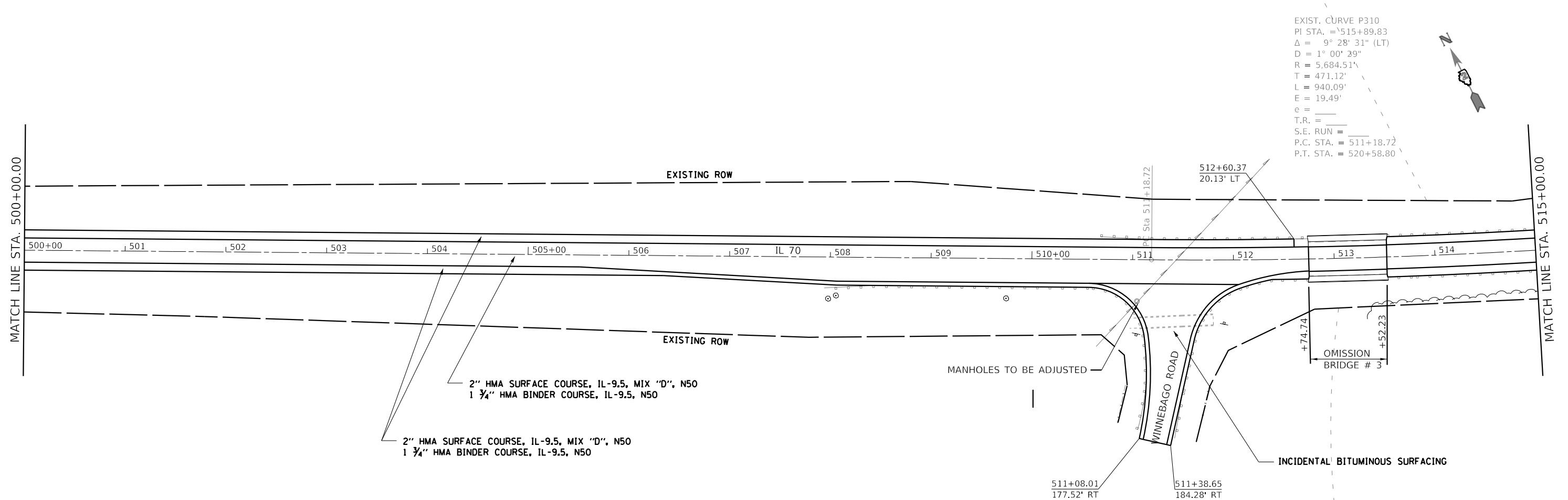
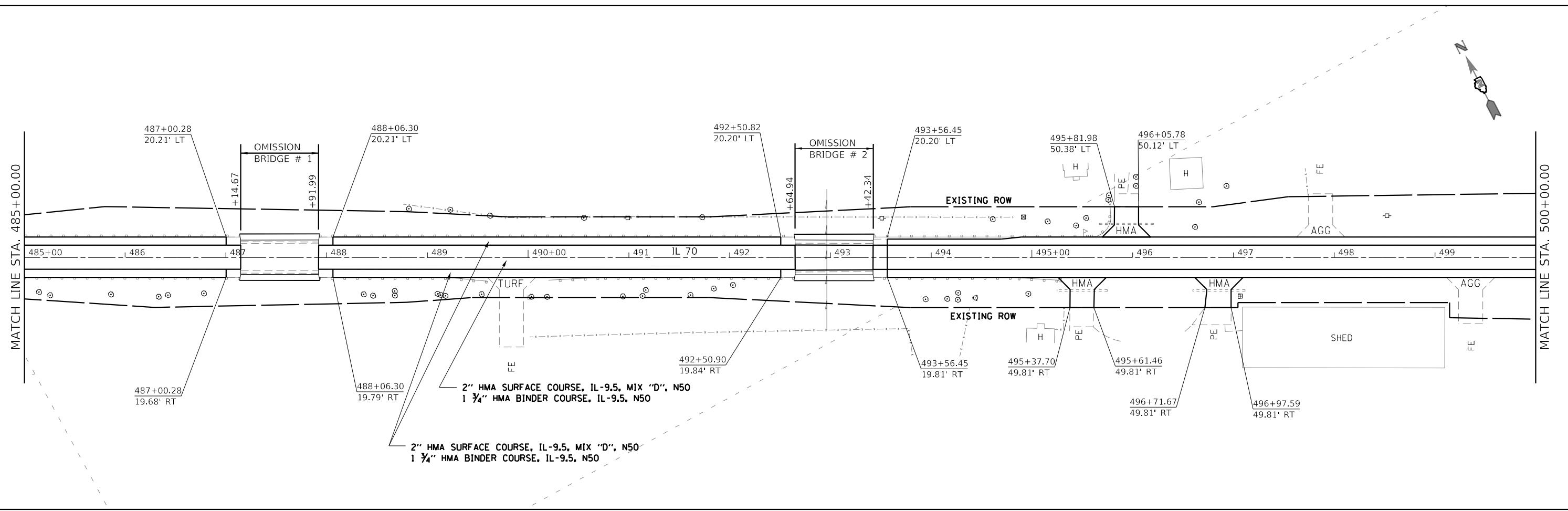
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

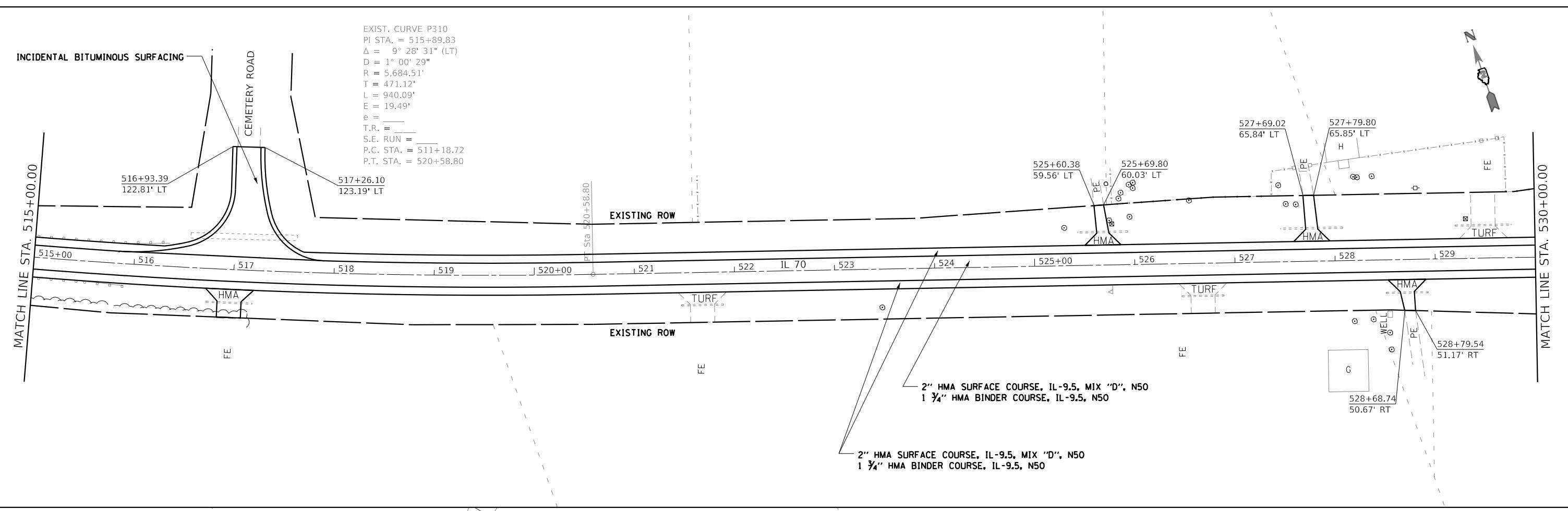
HMA MILLING SCHEDULE

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(102,103)RS-4	WINNEBAGO	78	31
				CONTRACT NO. 64P29
		ILLINOIS	FED. AID PROJECT	

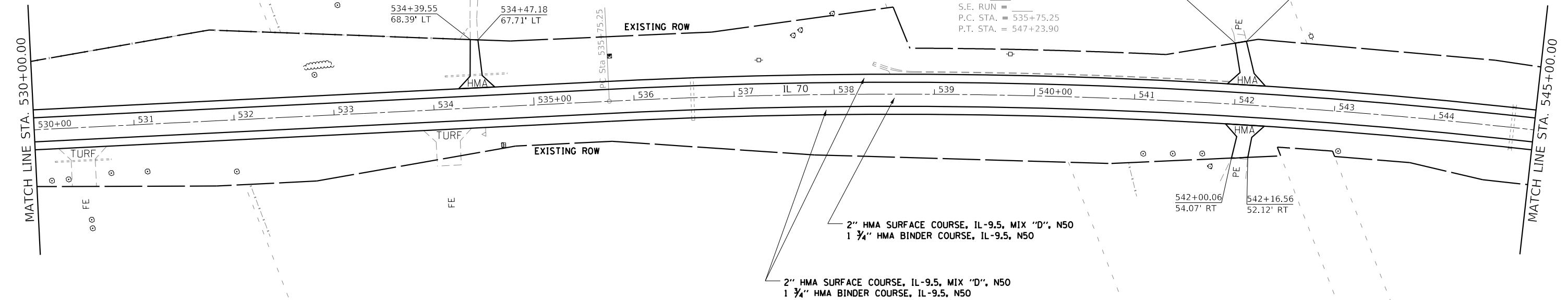
LOCATION	TYPE	EXISTING	AREA	* 40600290	* 40600990	* 40800050	* 44000158
				BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
			(SQ YD)	(POUND)	(SQ YD)	(TON)	(SQ YD)
STA 868 + 35	PE	HMA	100.4	45.2		15.5	
STA 869 + 62	PE	HMA	87.7	39.5		13.5	
STA 871 + 22	PE	HMA	79.1	35.6		12.2	
STA 872 + 56	PE	HMA	68.9	31.0		10.6	
STA 885 + 18	PE	HMA	87.2	39.3		13.4	
STA 890 + 27	PE	HMA	49.7	22.4		7.6	
STA 890 + 61	PE	HMA	36.7	16.5		5.6	
STA 894 + 80	PE	HMA	33.4	15.1		5.2	
STA 900 + 37	CE	HMA	95.2	42.9		14.7	
STA 903 + 88	PE	HMA	94.7	42.6		14.6	
STA 914 + 49	PE	HMA	69.7	31.4		10.7	
STA 916 + 09	CE	HMA	144.3	65.0		30.3	
SIDE STREETS							
RURAL							
STA 511 + 25	SB Leg	WINNEBAGO ROAD	938.0	458.1	80.0	144.5	938.0
STA 517 + 13	NB Leg	CEMETERY ROAD	688.9	352.3	94.0	106.1	688.9
STA 587 + 30	NB leg	EDDIE ROAD	773.7	401.7	119.0	119.1	773.7
STA 587 + 30	SB leg	EDDIE ROAD	720.3	377.3	118.0	110.9	720.3
STA 647 + 45	NB Leg	WEMPLETOWN ROAD	1,229.8	604.3	113.0	189.4	1,229.8
STA 647 + 25	SB Leg	WEMPLETOWN ROAD	1,211.2	596.4	114.0	186.5	1,211.2
STA 704 + 00	NB Leg	HARRISON RD	549.3	282.3	78.0	84.6	549.3
STA 704 + 33	SB Leg	TELEGRAPH RD	1,354.8	665.9	125.0	208.6	1,354.8
URBAN							
STA 738 + 75	NB Leg	MERIDIAN ROAD	1,270.4	632.9	136.0	195.6	1,270.4
STA 739 + 20	SB Leg	MERIDIAN ROAD	1,331.8	661.0	137.0	205.1	1,331.8
STA 795 + 75	NB Leg	TATE ROAD	815.2	410.5	97.0	125.5	815.2
STA 832 + 00	SB Leg	PORTER ROAD	568.3	299.4	97.0	87.5	568.3
STA 851 + 00	NB Leg	SHOREWOOD DR	357.9	205.6	99.0	55.1	357.9
STA 858 + 90	NB Leg	LAKESIDE ROAD	243.4	148.7	87.0	37.5	243.4
STA 863 + 50	NB Leg	RIVERSIDE BLVD	1,029.9	521.1	128.0	158.6	1,029.9
STA 863 + 00	SB LeG	SPRINGFIELD AVE	997.1	502.7	120.0	153.6	997.1
STA 877 + 50	SB Leg	BARTHOLOMEW ST	607.2	320.1	104.0	93.5	607.2
STA 886 + 81	SB Leg	ORCHARD LANE	691.4	353.5	94.0	106.5	691.4
STA 895 + 10	NB Leg	HALSTED ROAD	797.4	417.4	130.0	122.8	797.4
		RURAL		5,327.0	841.0	1,694.0	7,467.0
		URBAN		5,902.0	1,229.0	1,839.0	8,711.0
TOTALS				11,229.0	2,070.0	3,533.0	16,178.0





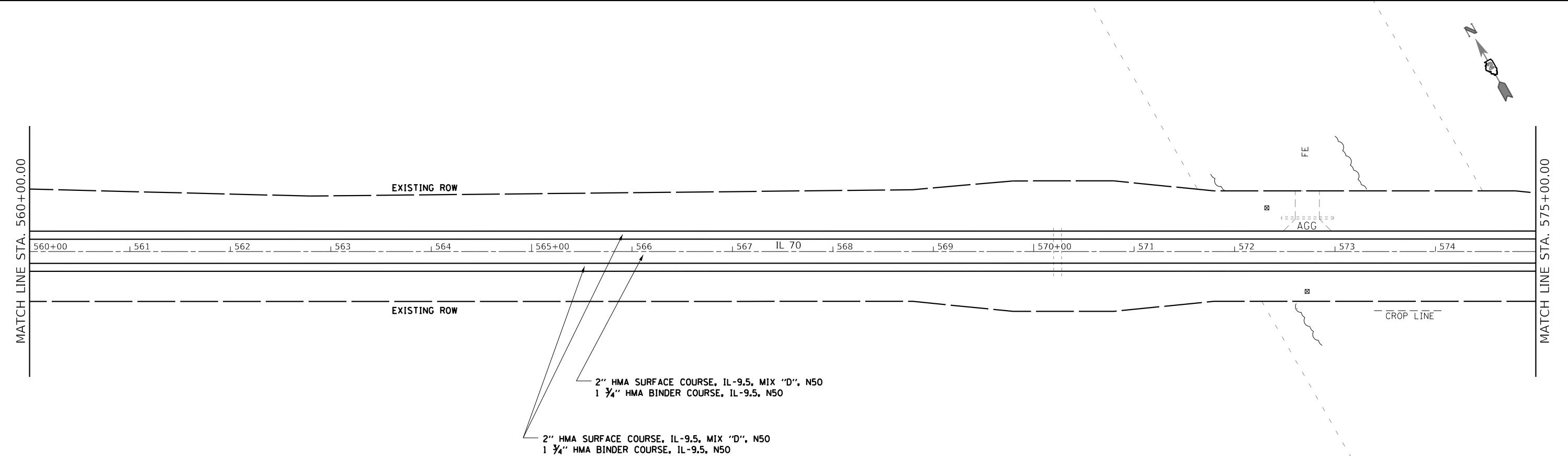
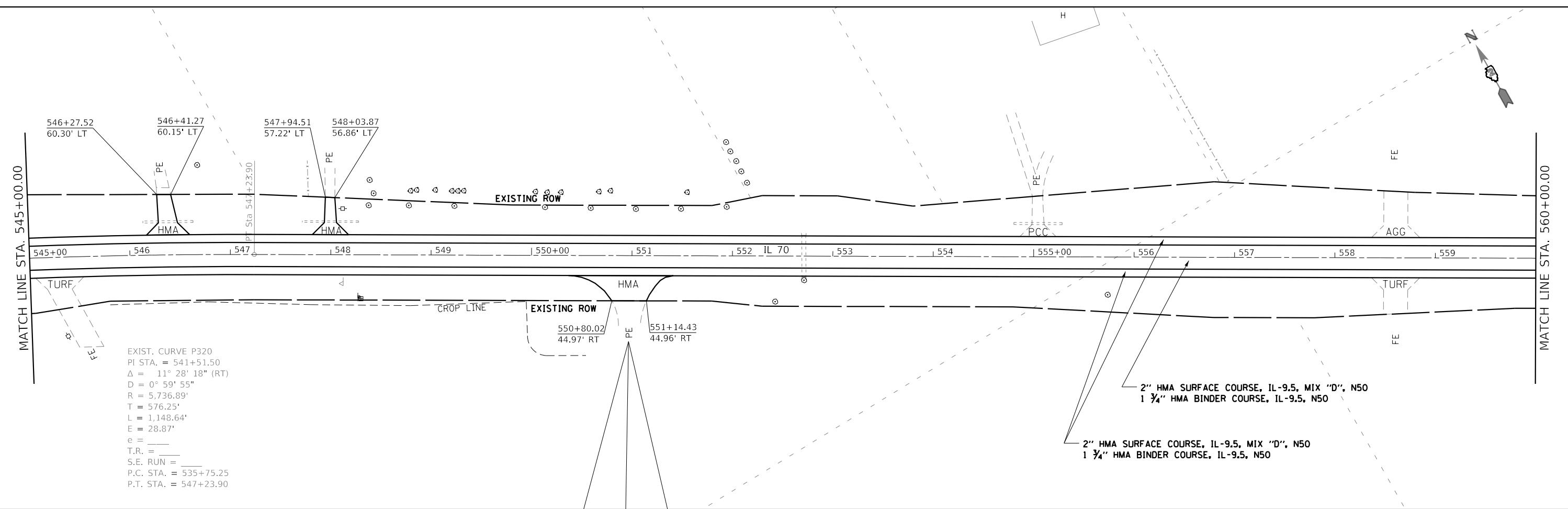


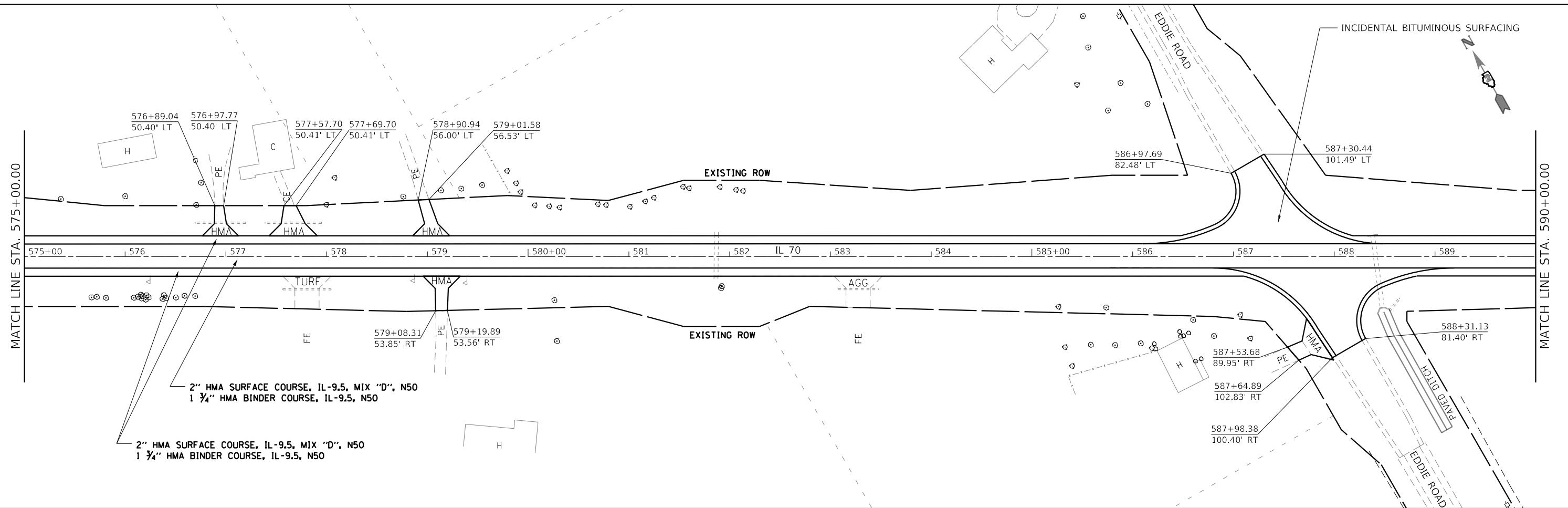
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FILE NAME: 64P29-htc-plan.dwg

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DRAWN -	REVISED -			55	(102,103)RS-4		WINNEBAGO	78	37		
CHECKED -	REVISED -				CONTRACT NO. 64P29						
PLOT DATE = 1/25/2021	DATE -	REVISED -		SCALE:	OF	Sheets	STA.	TO STA.		ILLINOIS	FED. AID PROJECT

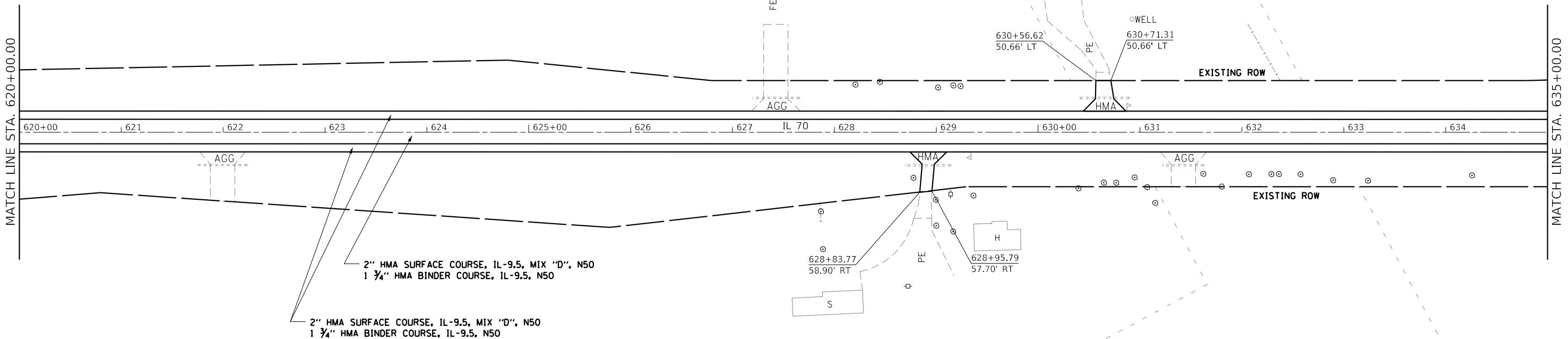
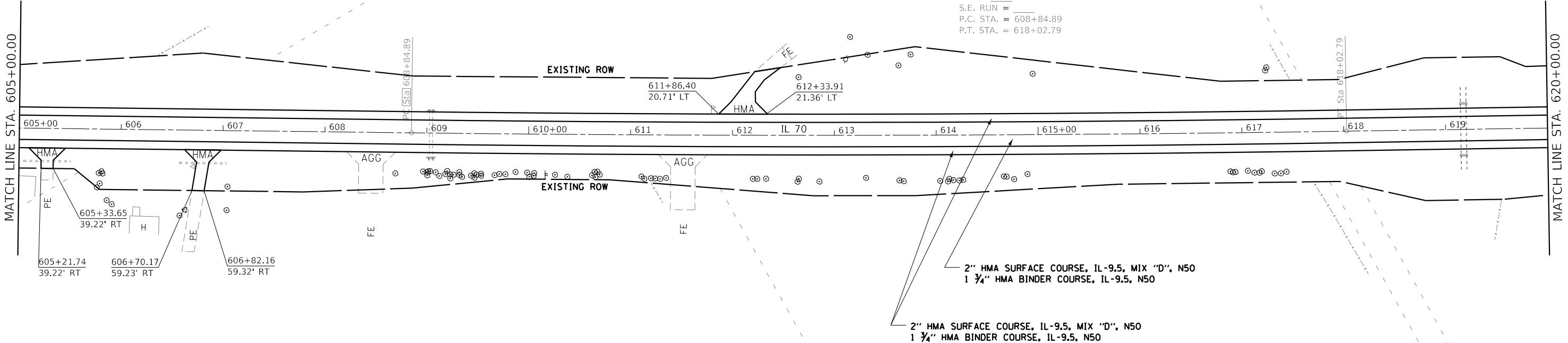




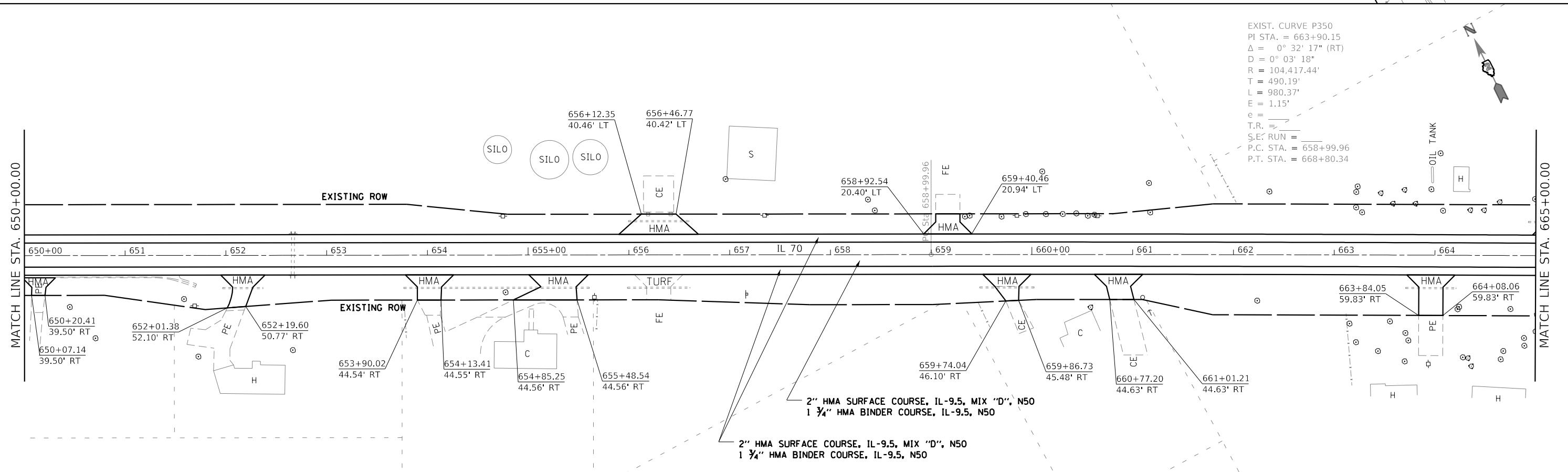
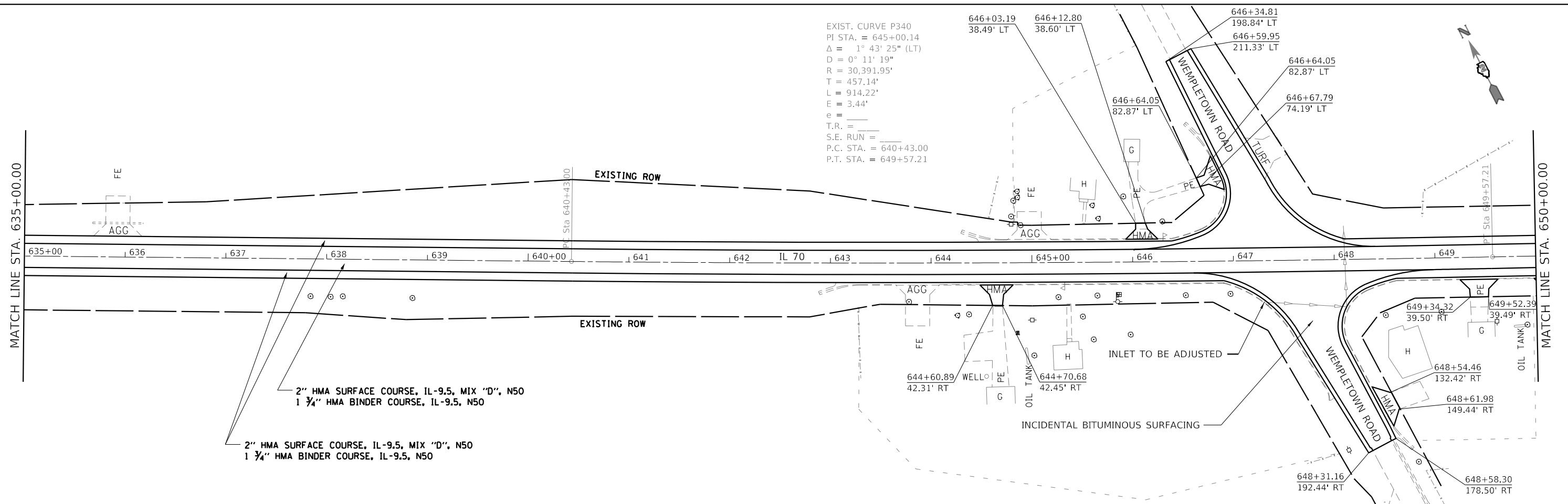
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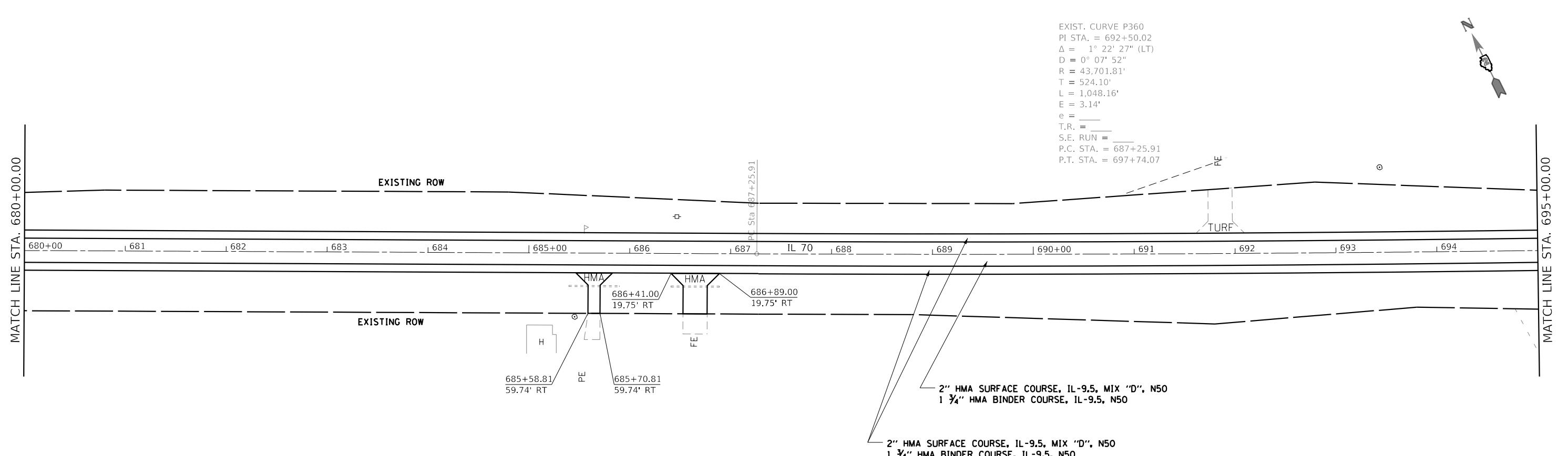
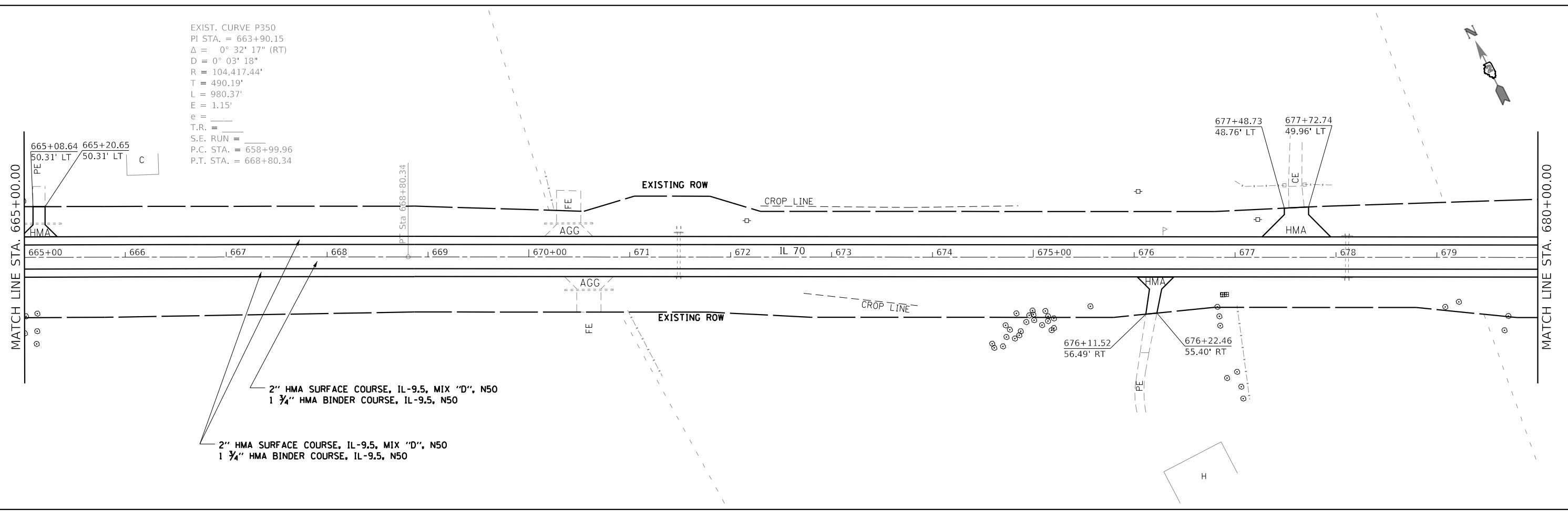
USER NAME = leeac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 70 PLAN SHEETS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -			55	(102,103)RS-4		WINNEBAGO	78	39		
CHECKED -	REVISED -										CONTRACT NO. 64P29
PLOT DATE = 1/25/2021	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT

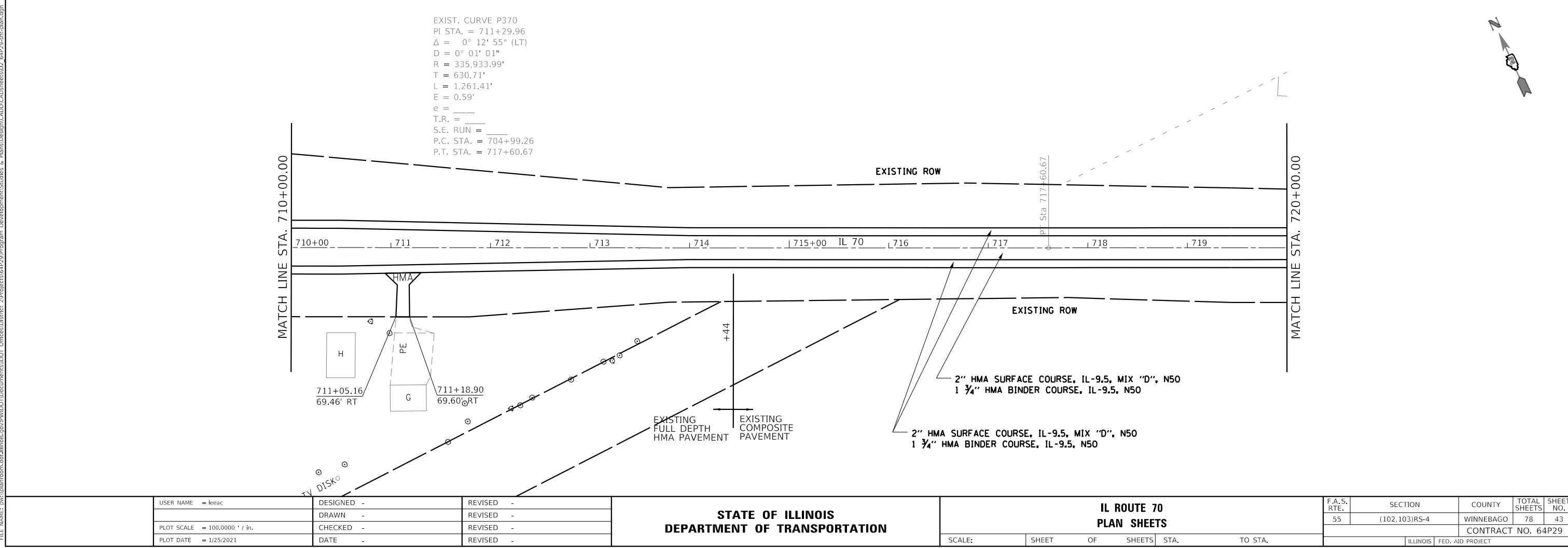
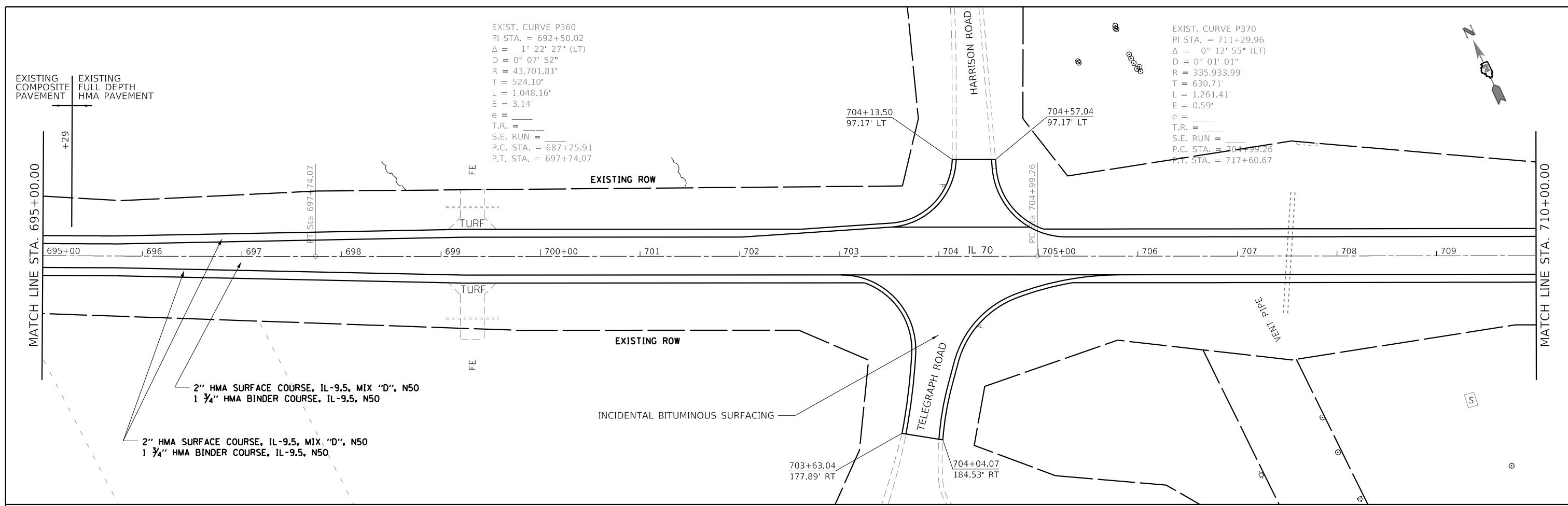
EXIST. CURVE P330
 PI STA. = 613+43.87
 Δ = $1^\circ 35' 42''$ (LT)
 D = $0^\circ 10' 26''$
 R = 32,972.79'
 T = 458.98'
 L = 917.90'
 E = 3.19'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA. = 608+84.89
 P.T. STA. = 618+02.79

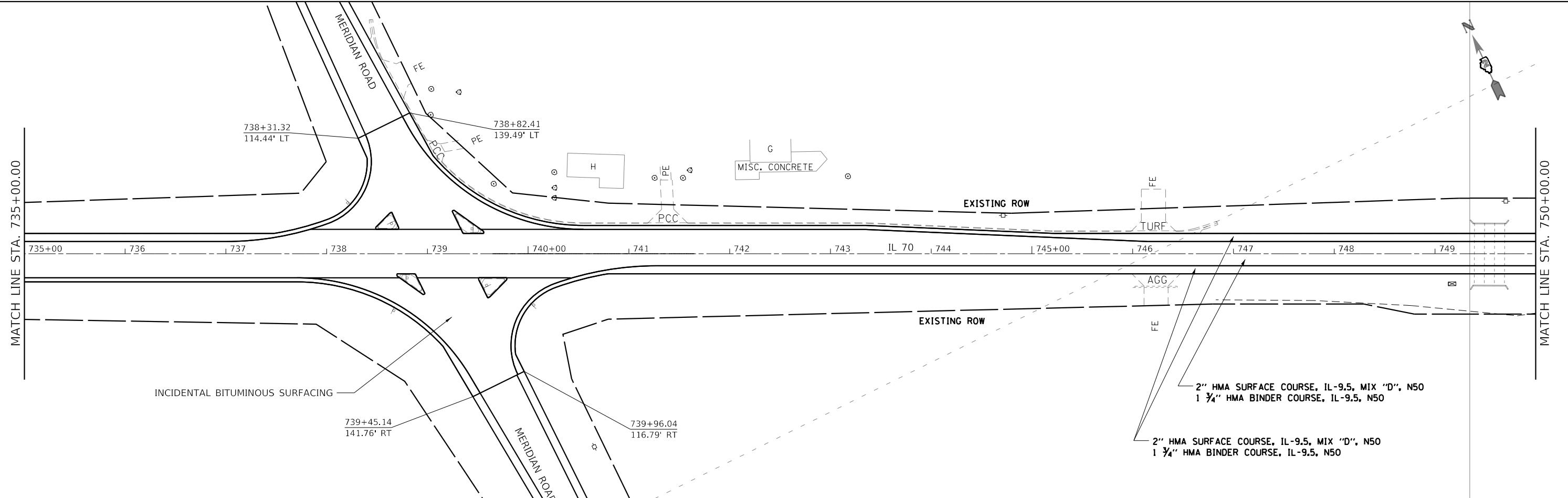
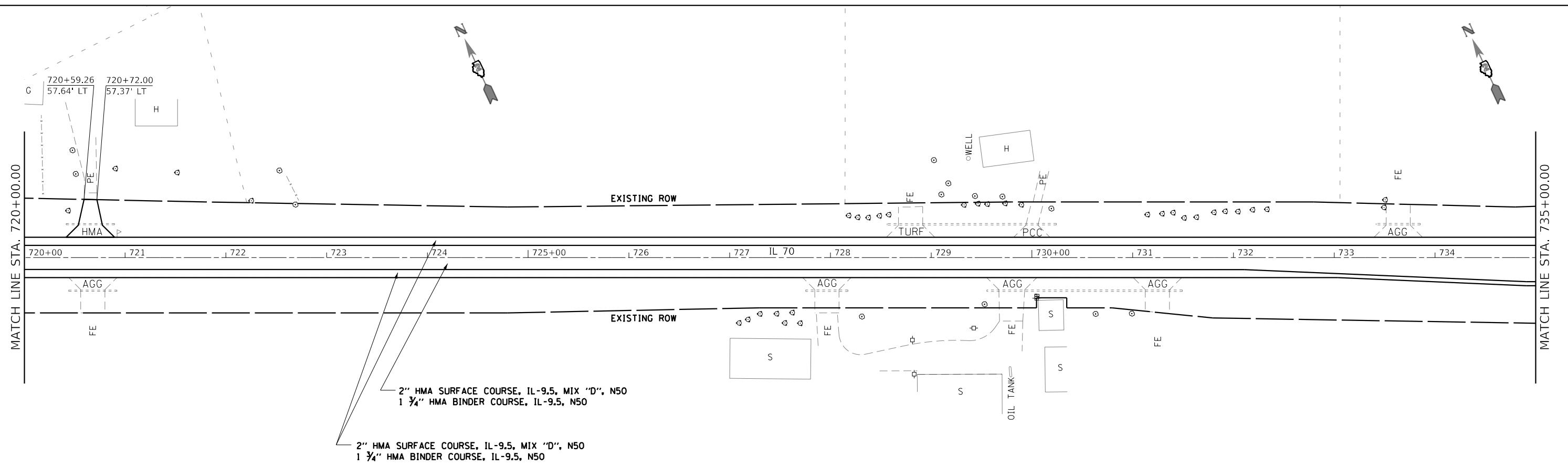


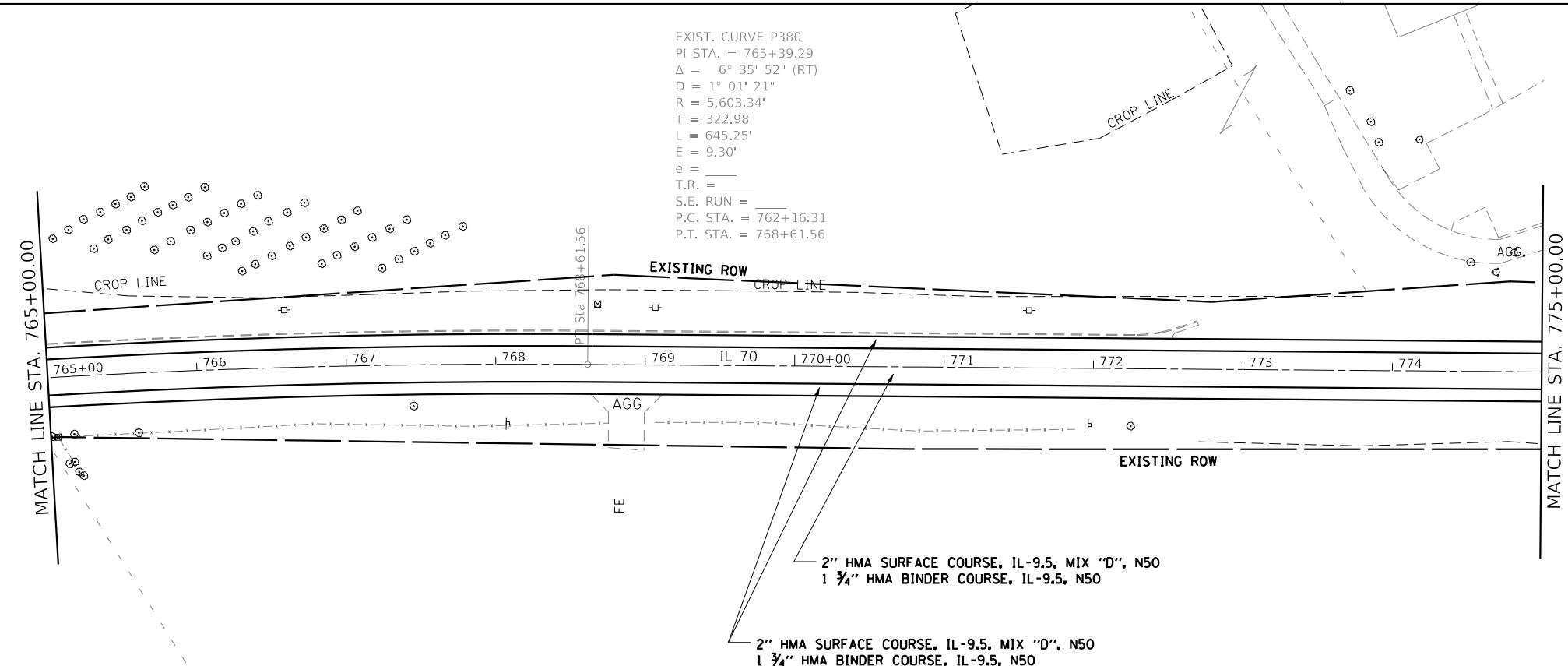
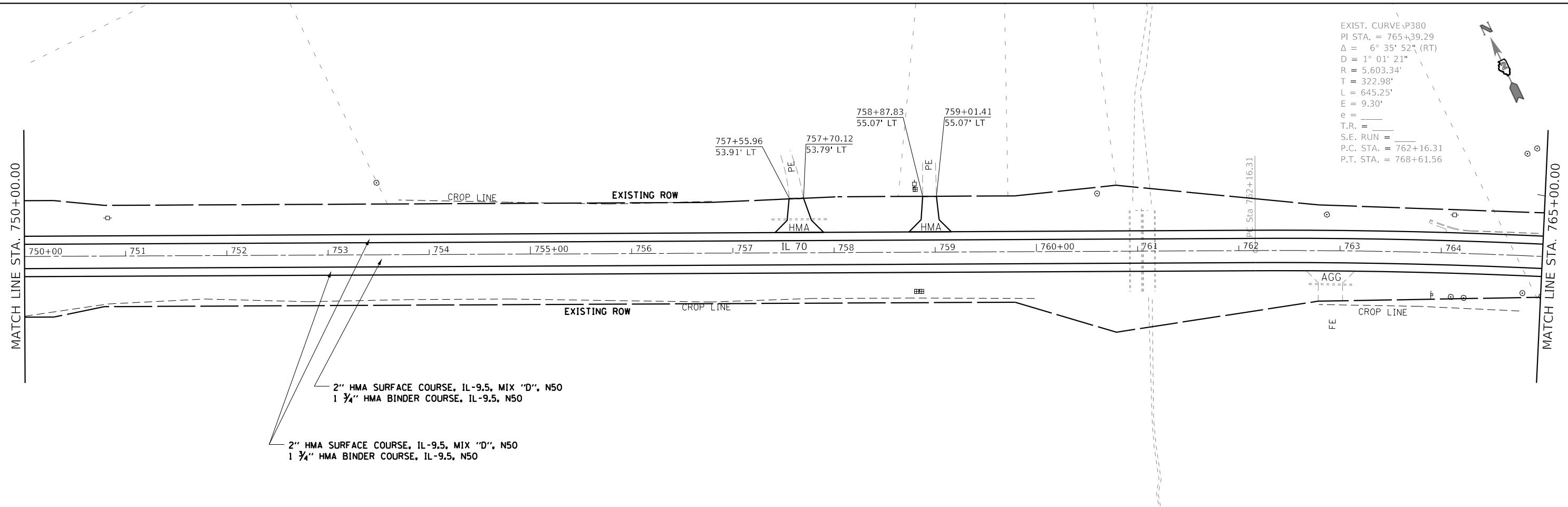
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DRAWN	-	REVISED	-	DATE	-		PLAN SHEETS	(102,103)RS-4		WINNEBAGO	78	40
CHECKED	-	REVISED	-	REVISED	-		SCALE:	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 64P29
PLOT DATE	1/25/2021 <th>DATE</th> <td>-</td> <th>REVISED</th> <td>-</td> <th data-kind="ghost"></th> <td></td> <td></td> <td></td> <td>ILLINOIS</td> <td>FED. AID PROJECT</td> <td></td>	DATE	-	REVISED	-					ILLINOIS	FED. AID PROJECT	

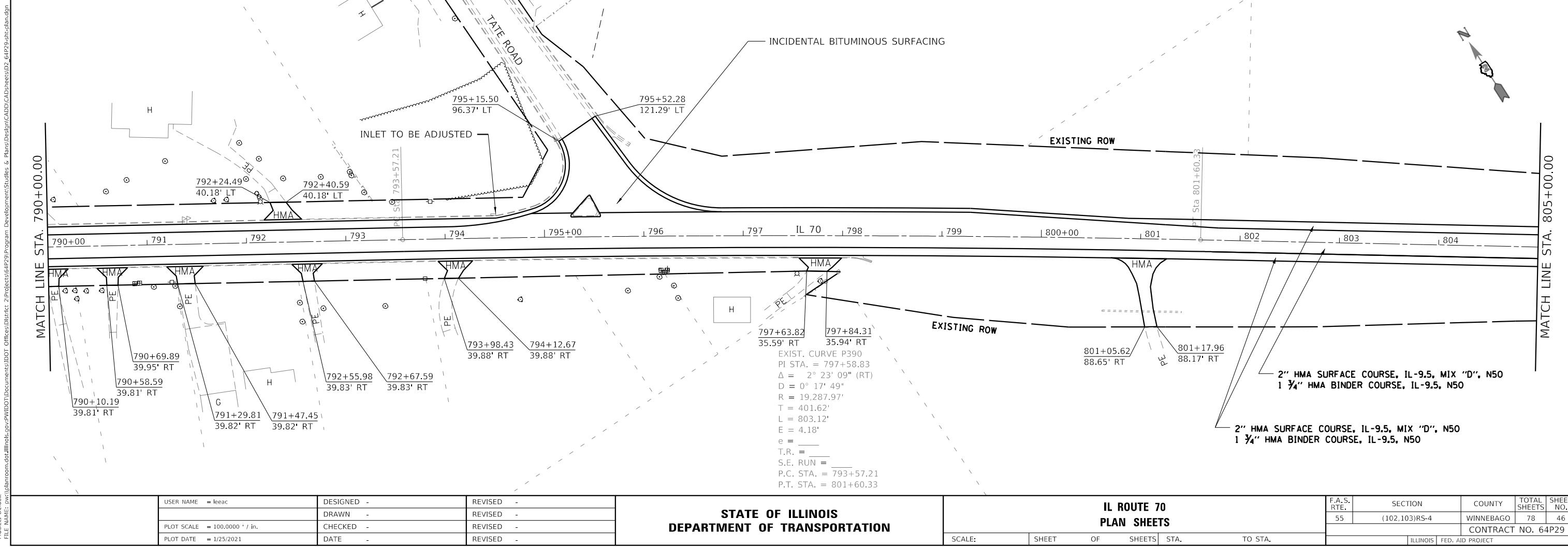
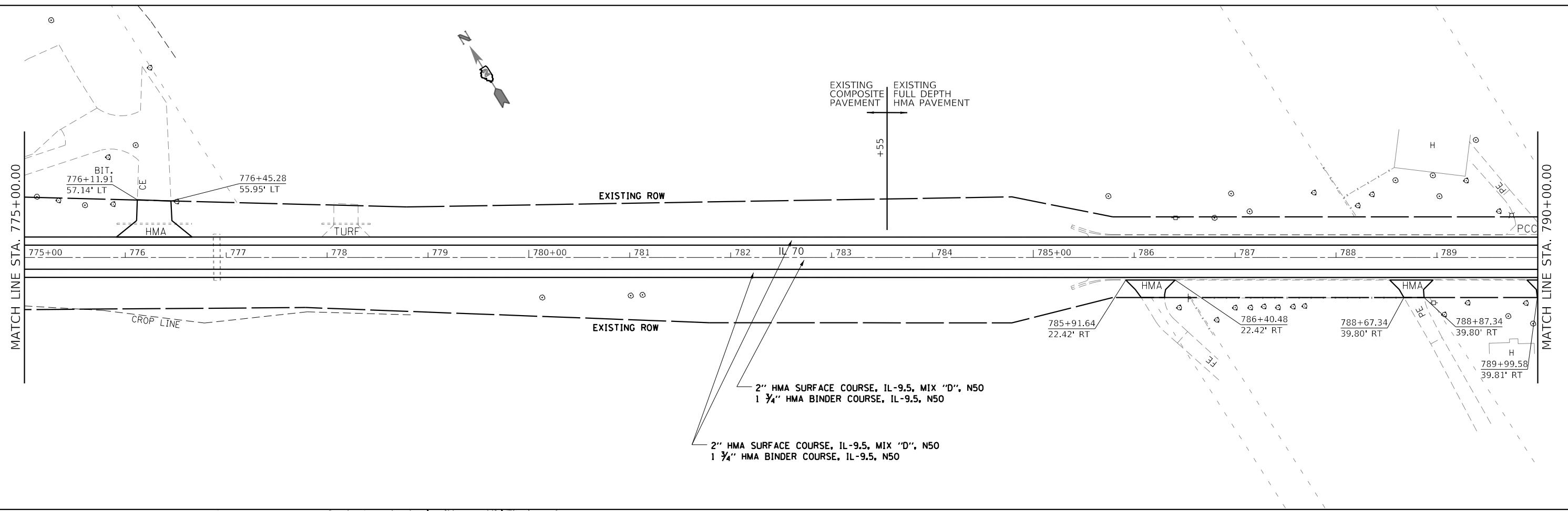


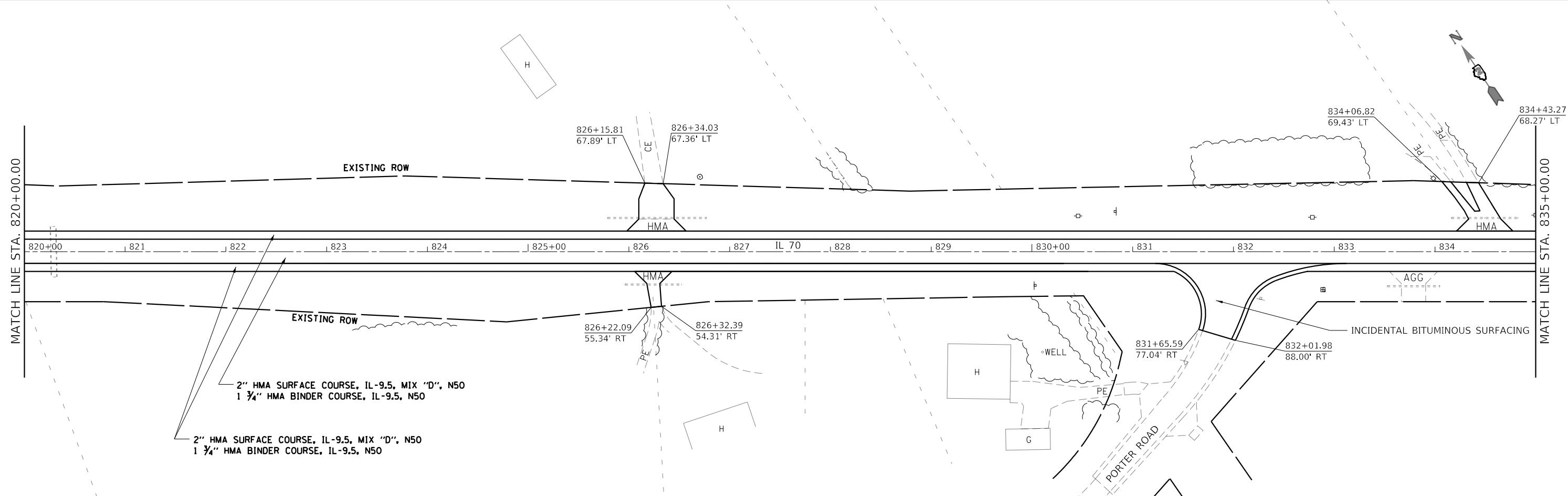
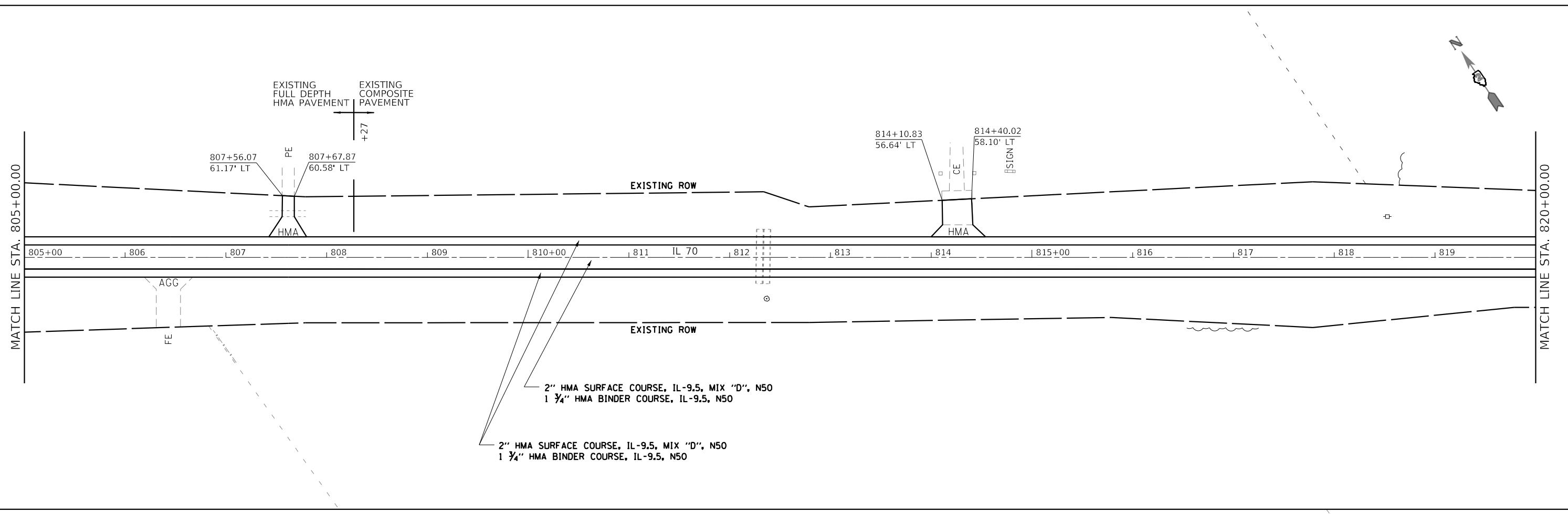


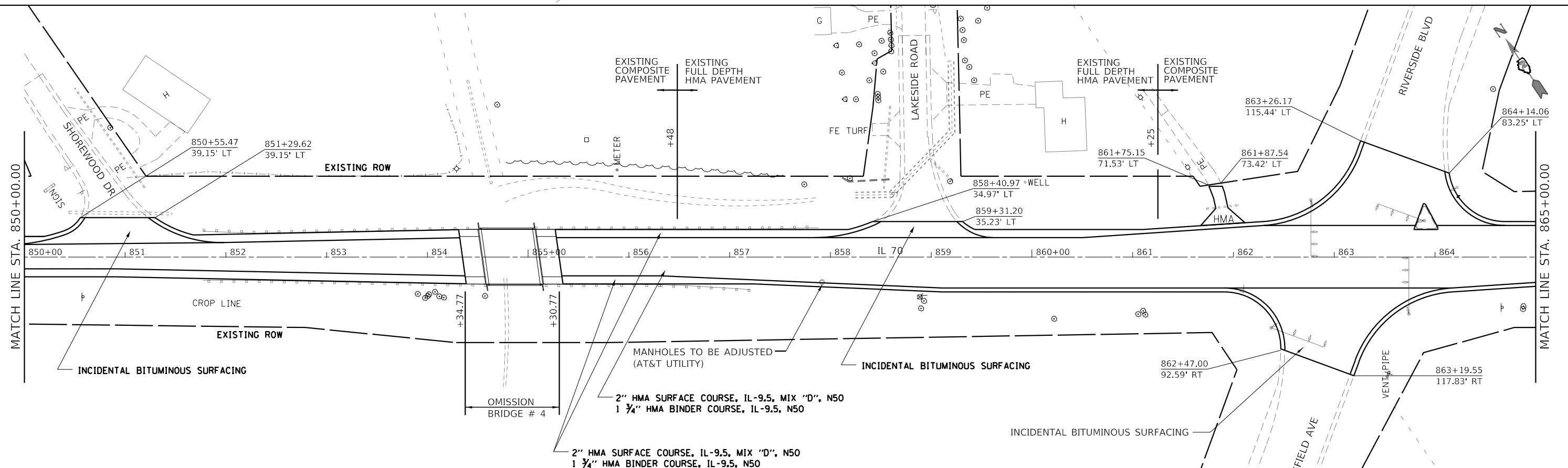
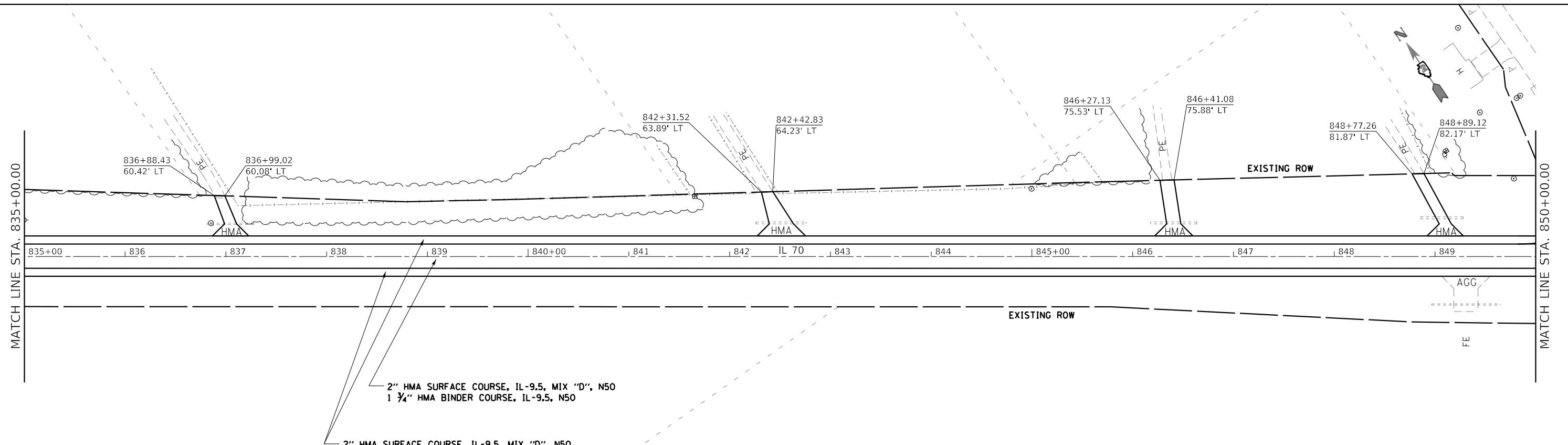


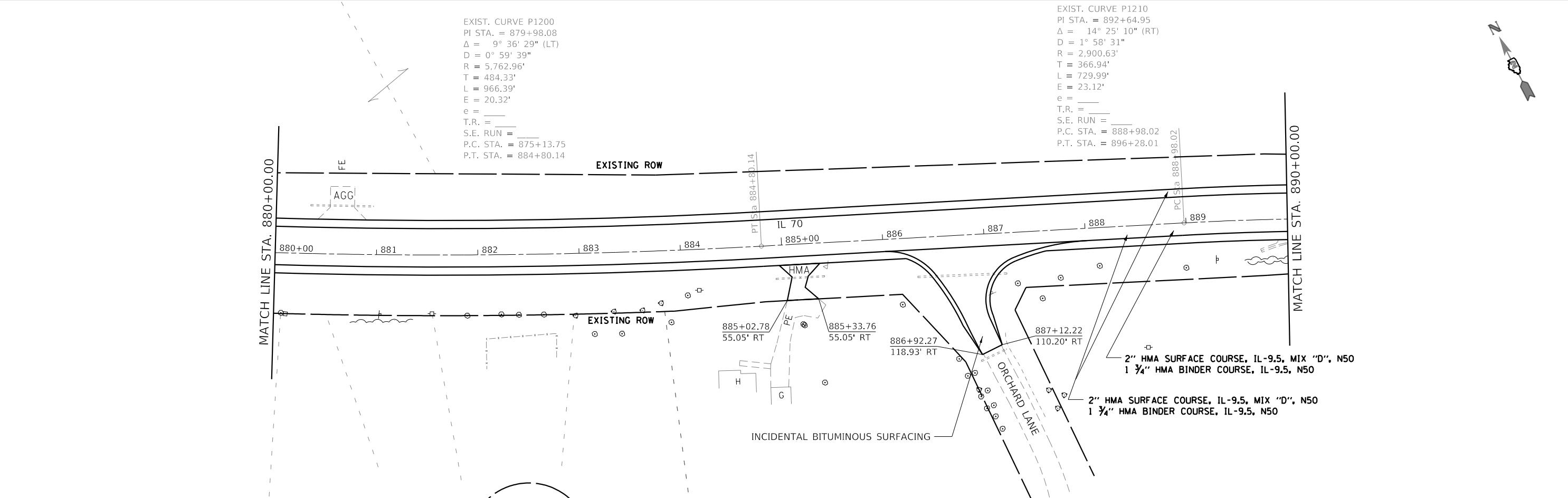
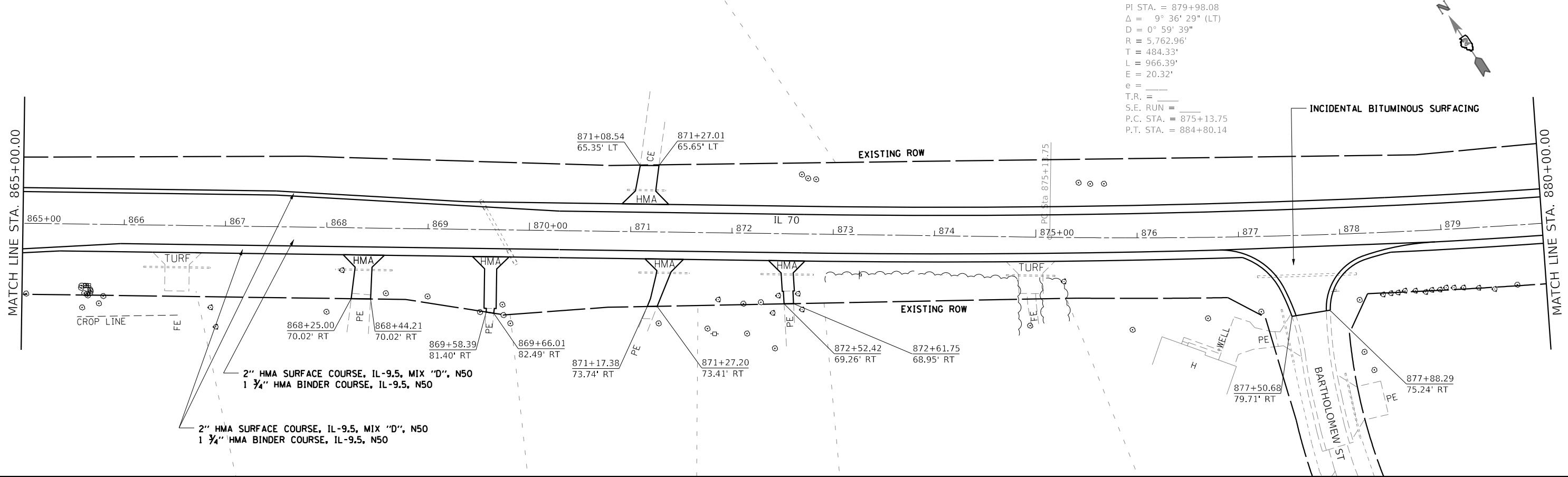


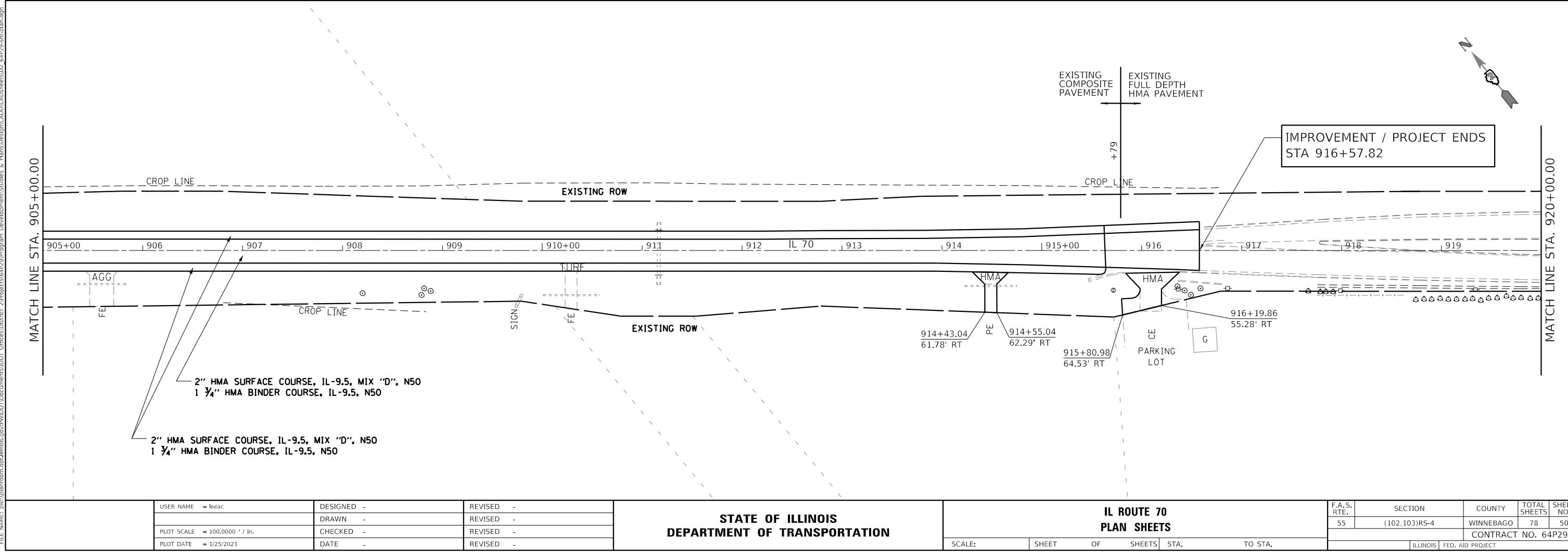
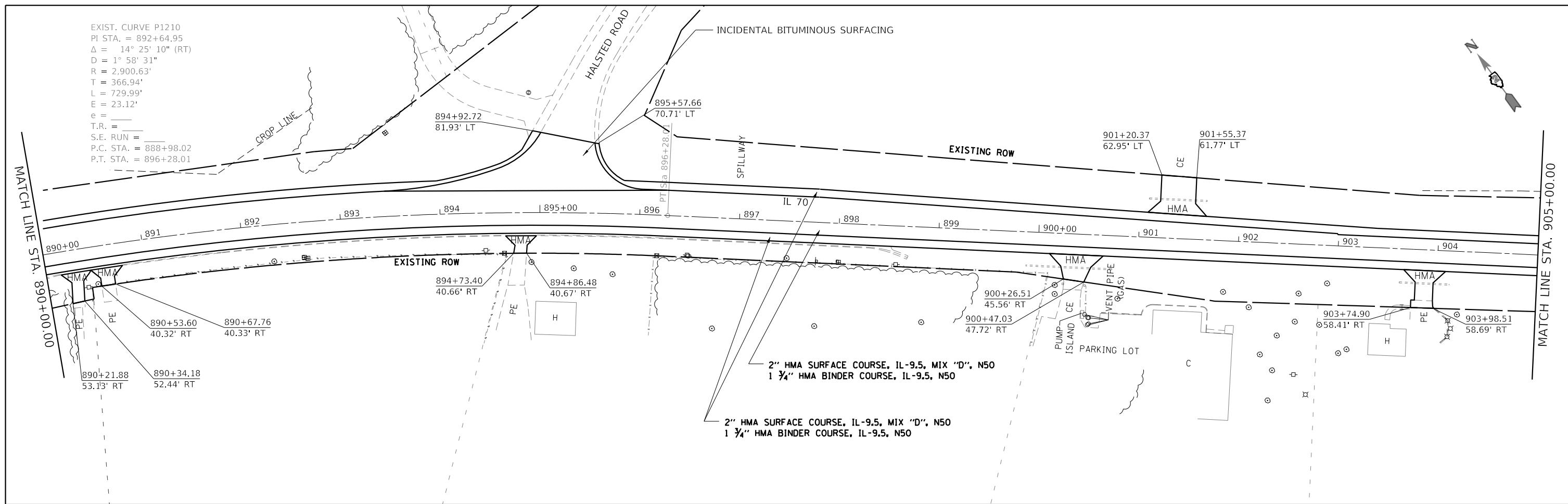


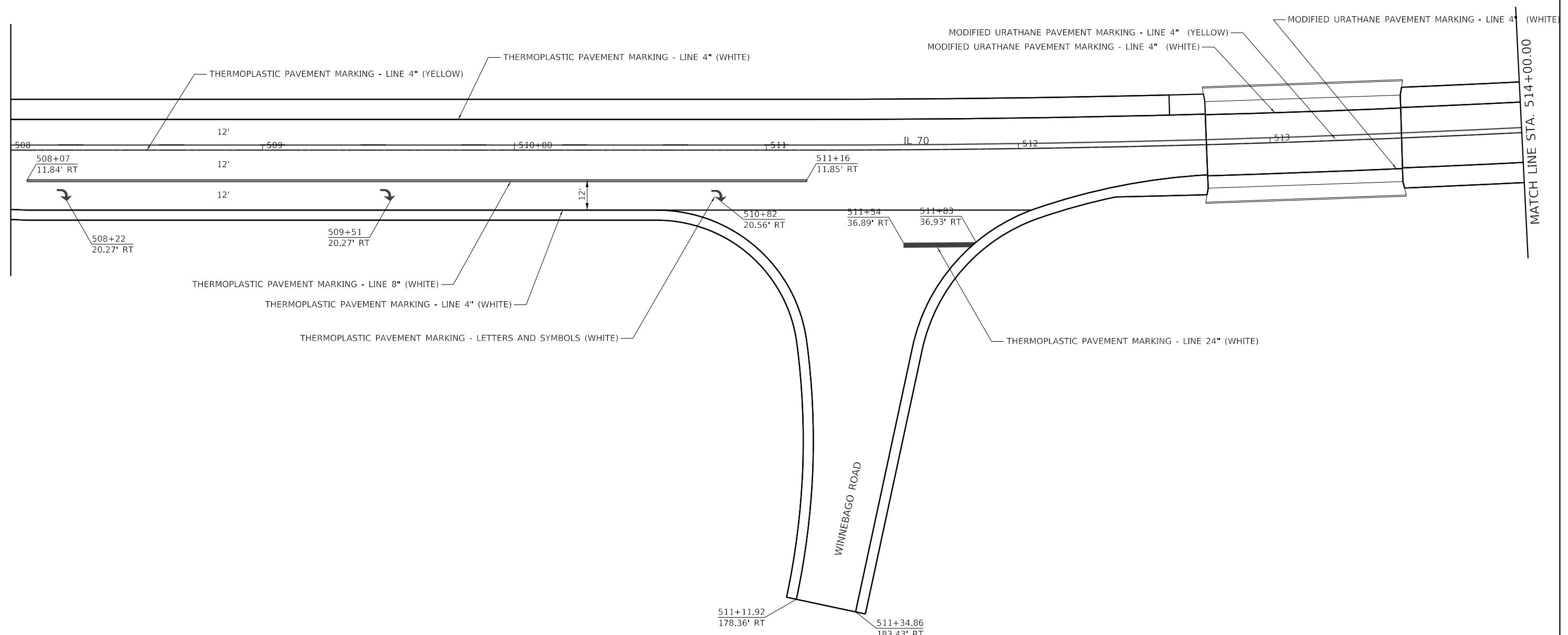










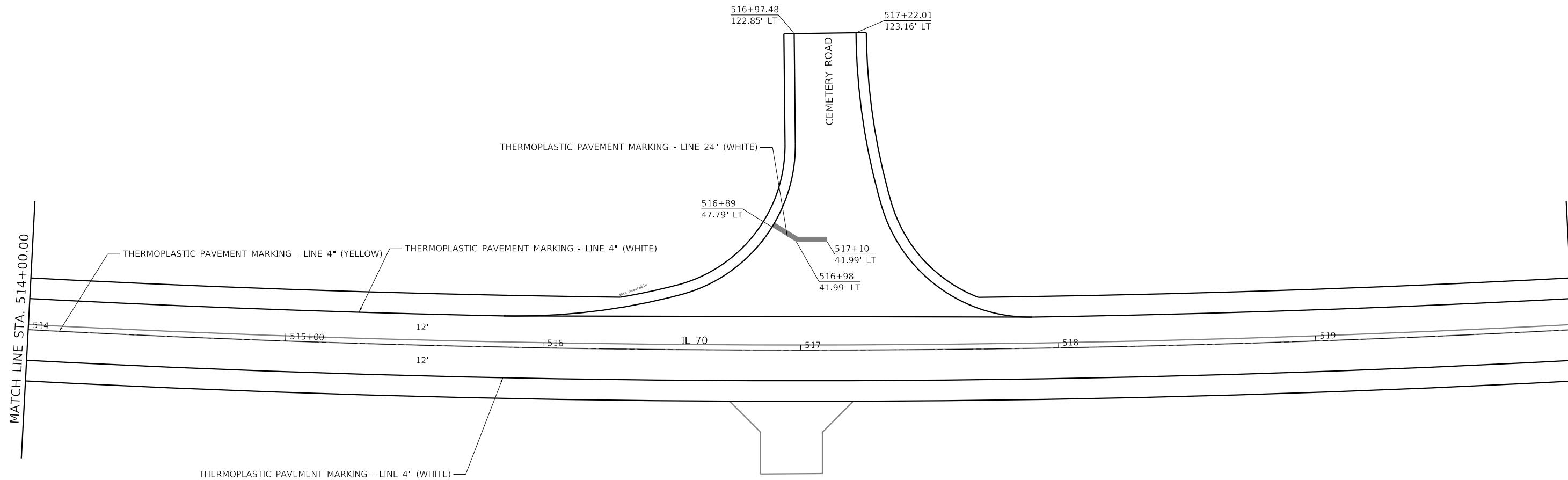


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 70
PAVEMENT MARKING DETAILS

USER NAME = levac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -			55	(102,103)RS-4	WINNEBAGO	78	51
PLOT SCALE = 40,000 " / in.	CHECKED -	REVISED -		CONTRACT NO. 64P29				
PLOT DATE = 1/25/2021	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

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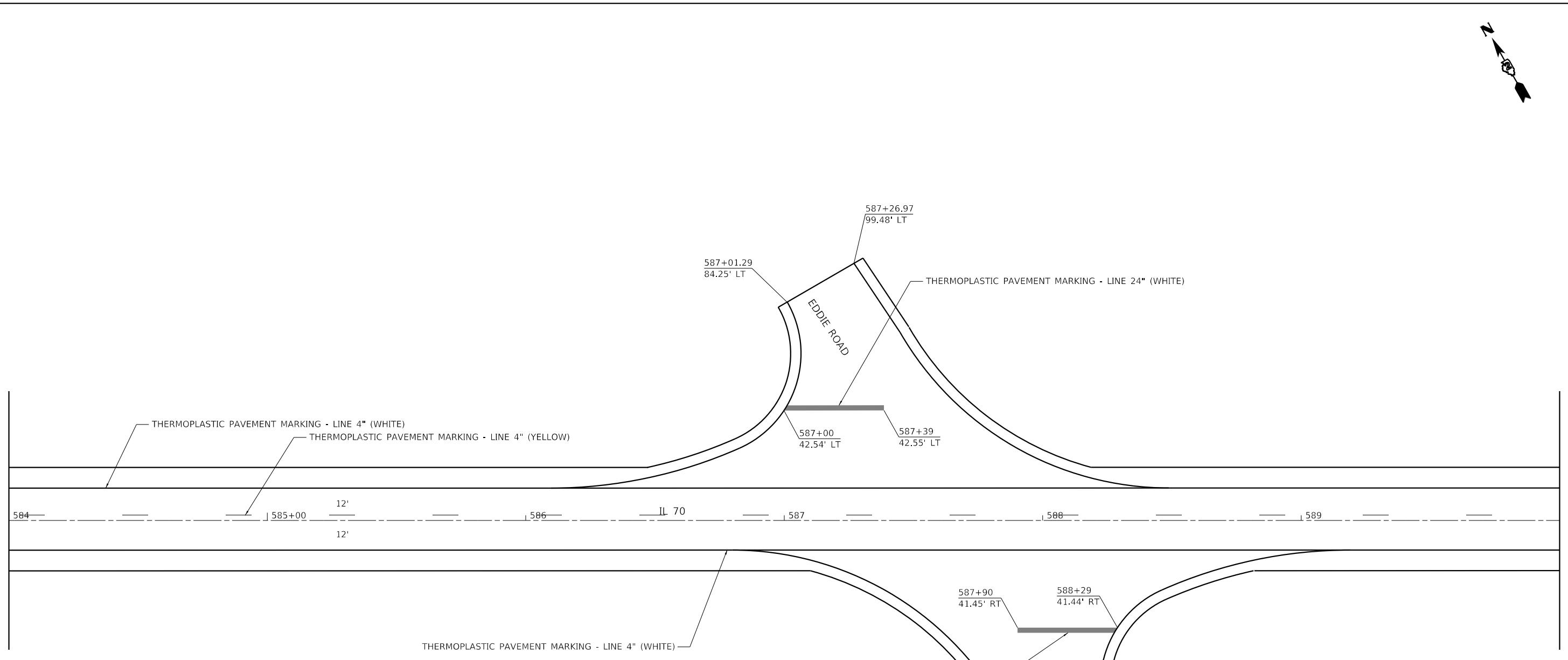
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 70
PAVEMENT MARKING DETAILS

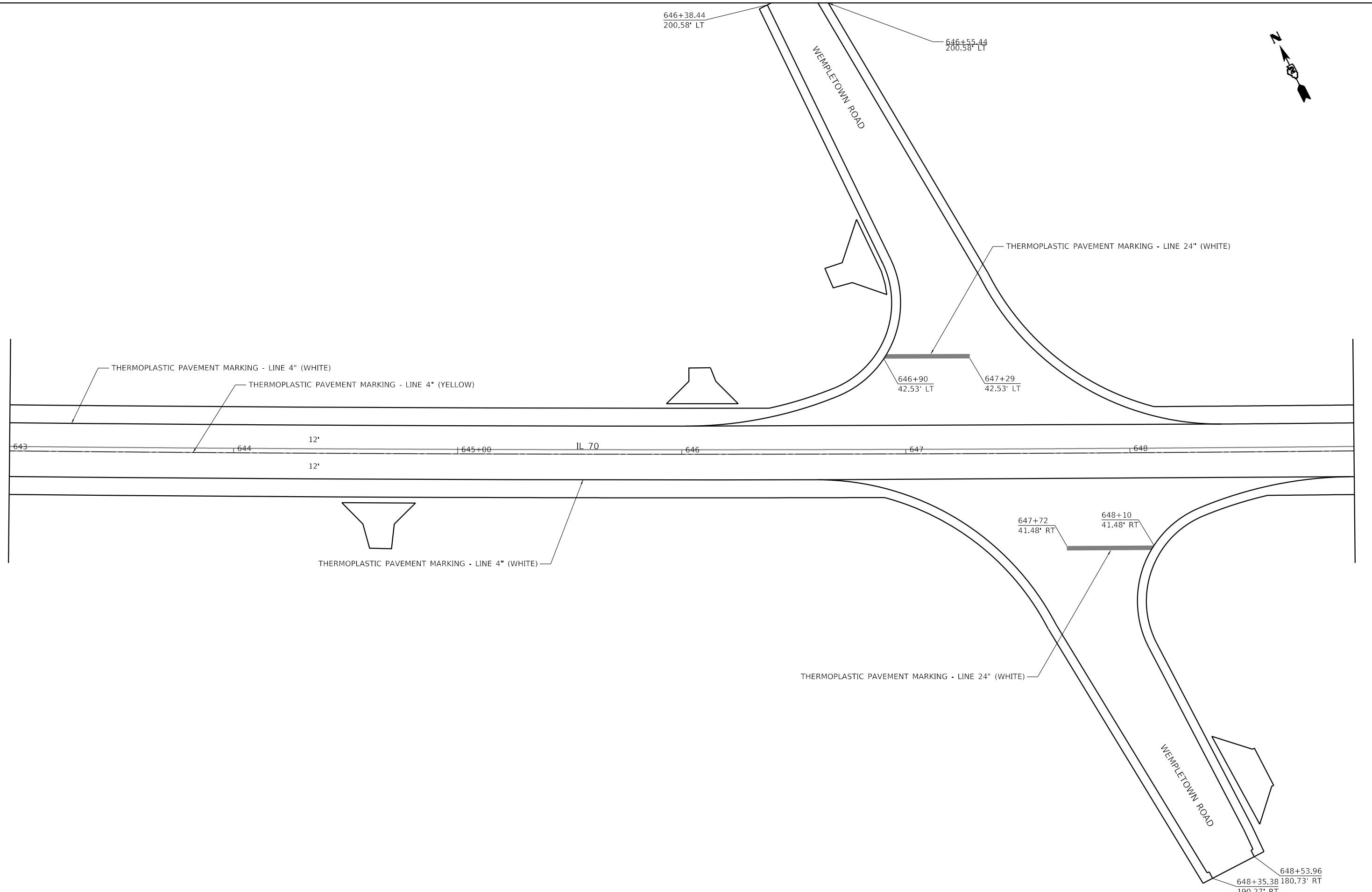
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						55	(102,103)RS-4	WINNEBAGO	78	52

ILLINOIS FED. AID PROJECT

CONTRACT NO. 64P29



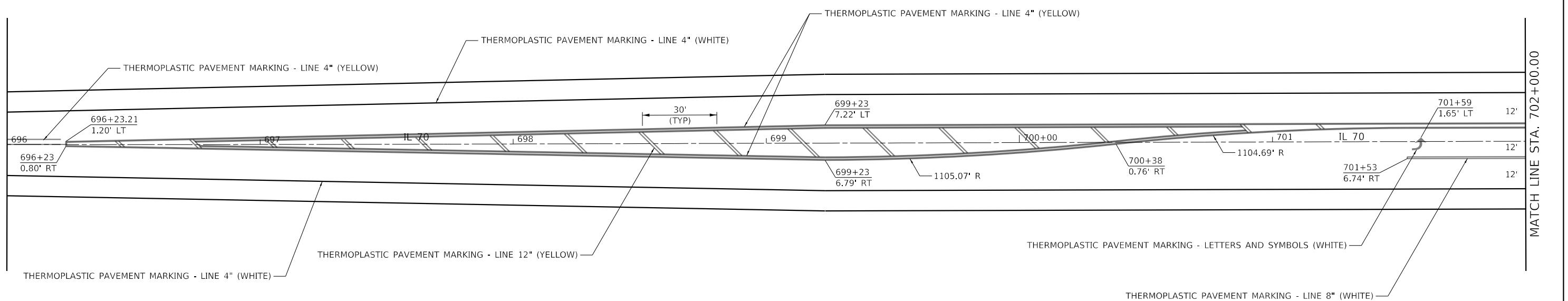
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		DRAWN -	REVISED -			55	(102,103)RS-4		WINNEBAGO	78	53				
		PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 64P29								
		PLOT DATE = 1/25/2021	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA,		ILLINOIS	FED. AID PROJECT	



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 70
PAVEMENT MARKING DETAILS

USER NAME = levac	DESIGNED -	REVISED -	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -	55	(102,103)RS-4	WINNEBAGO	78	54
PLOT SCALE = 40,000 " / in.	CHECKED -	REVISED -					CONTRACT NO. 64P29
PLOT DATE = 1/25/2021	DATE -	REVISED -	SCALE:	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT



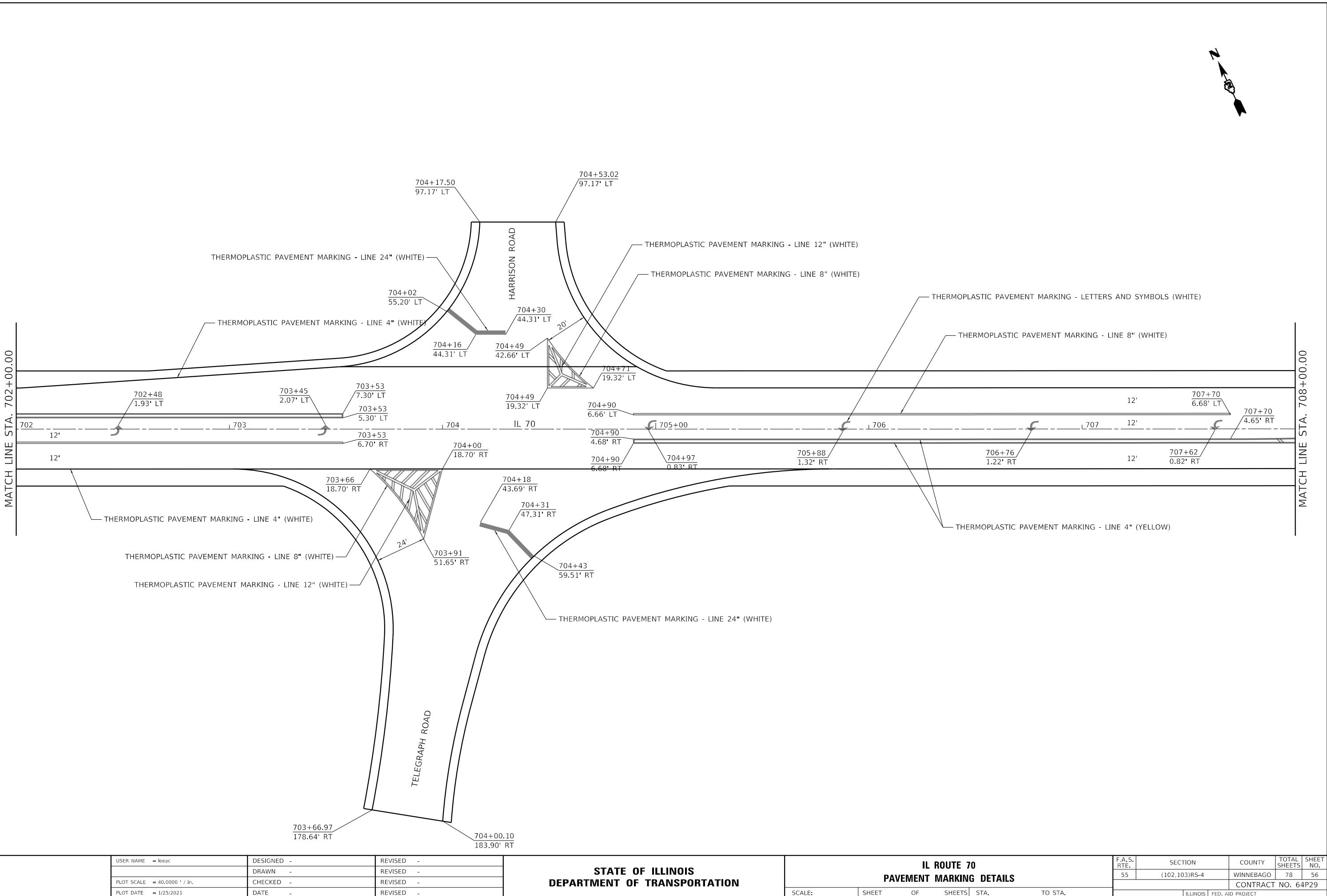
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

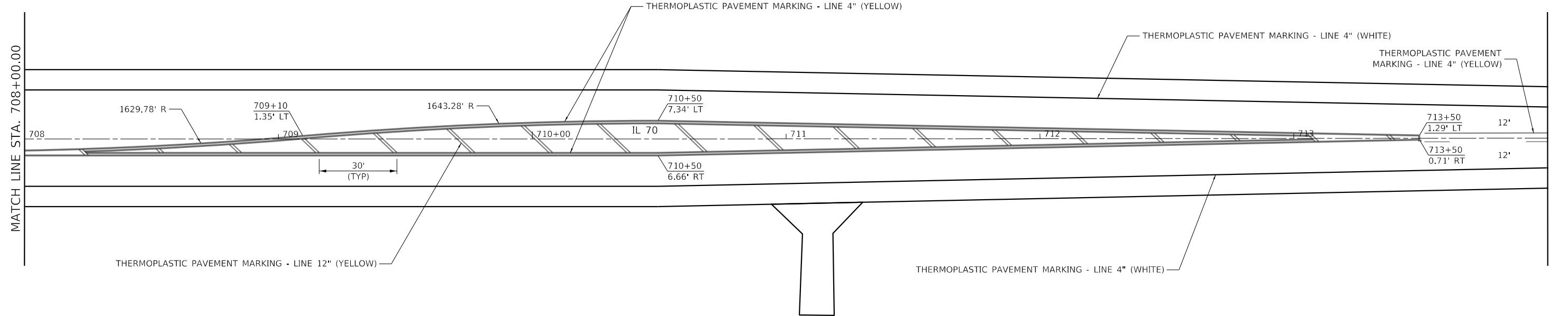
**IL ROUTE 70
PAVEMENT MARKING DETAILS**

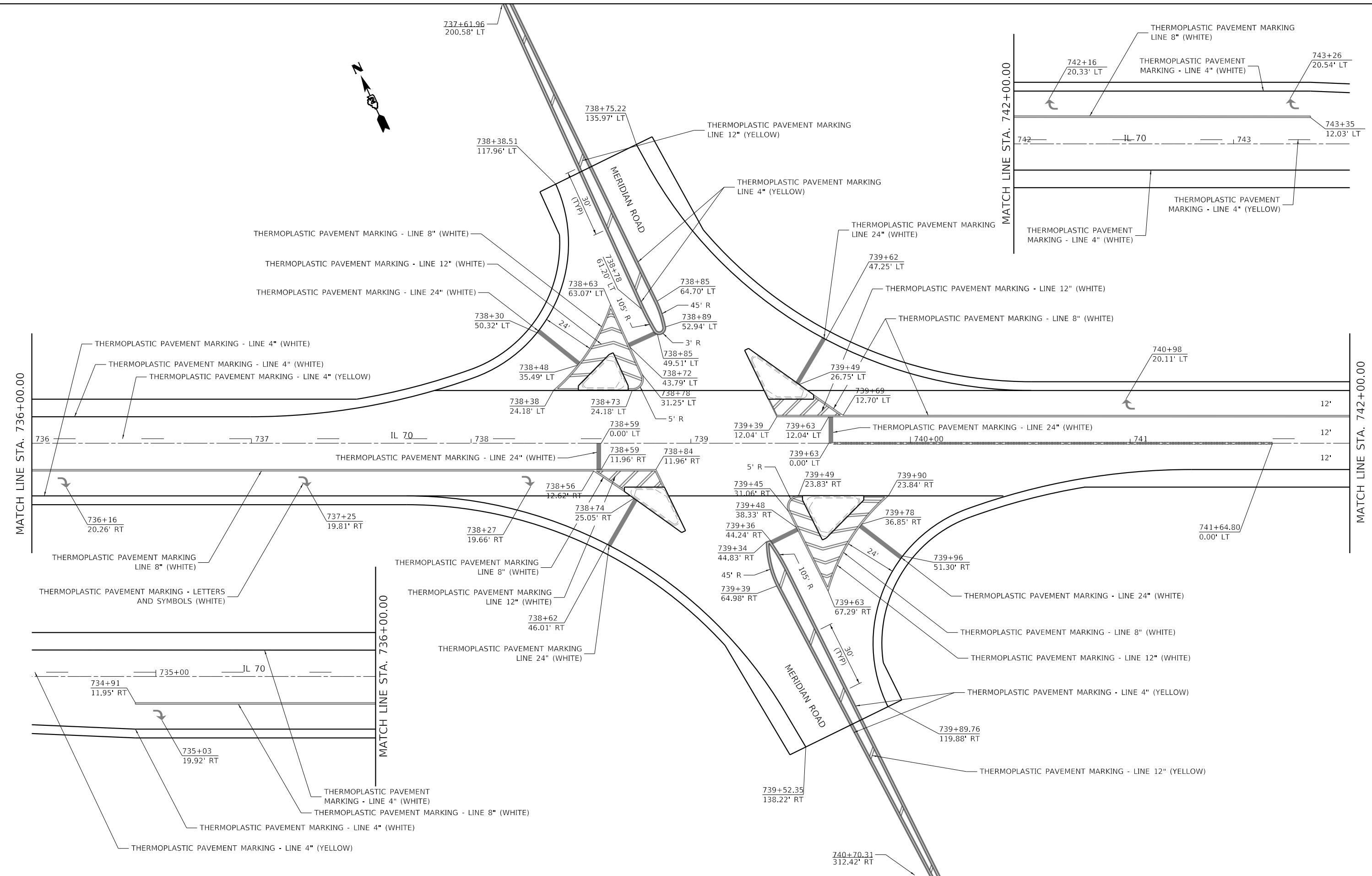
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						55	(102,103)RS-4	WINNEBAGO	78	55

CONTRACT NO. 64P29

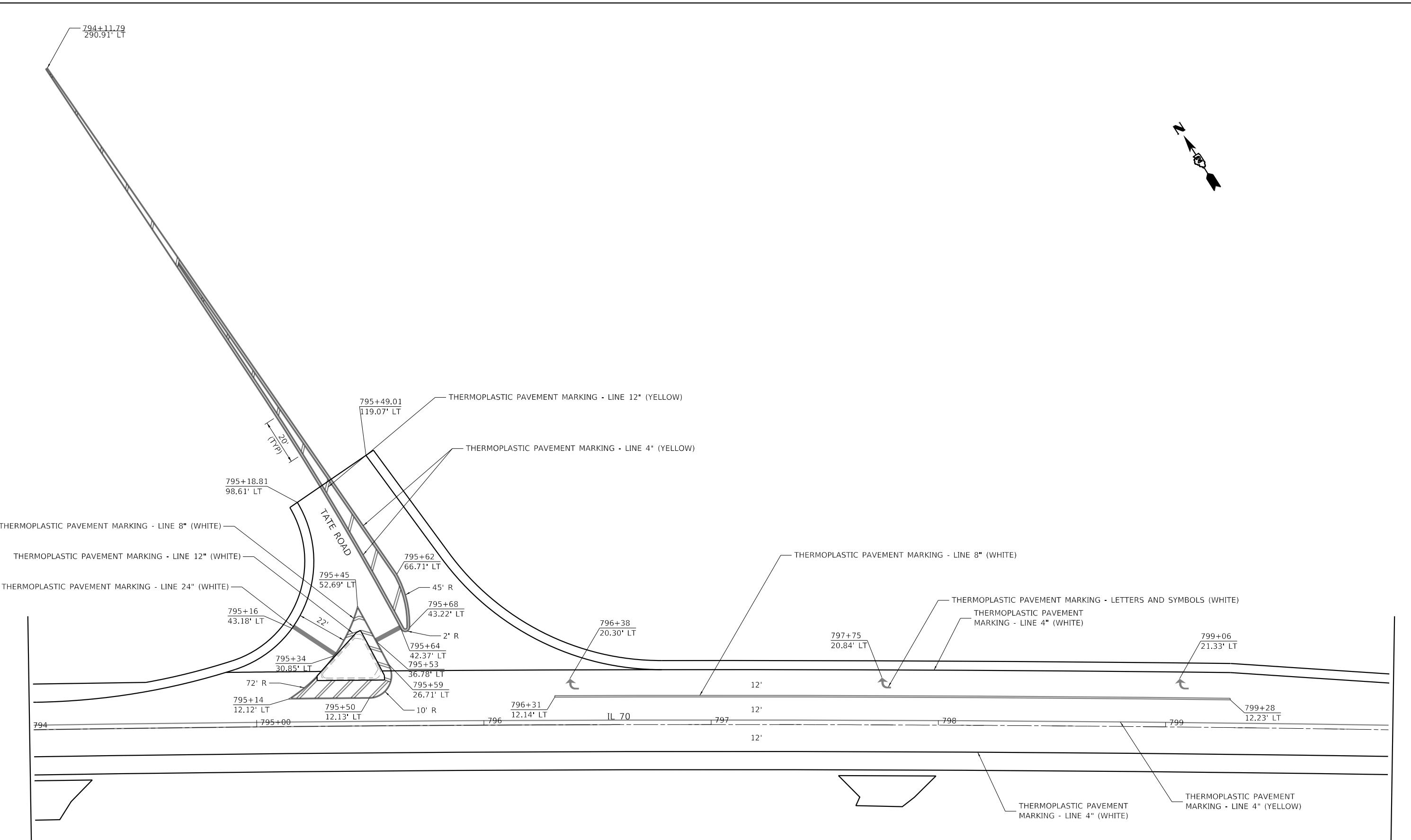
ILLINOIS FED. AID PROJECT







STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			IL ROUTE 70 PAVEMENT MARKING DETAILS				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME	DESIGNED	REVISED	PLOT SCALE	CHECKED	REVISED	DATE	SCALE:	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
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											CONTRACT NO. 64P29



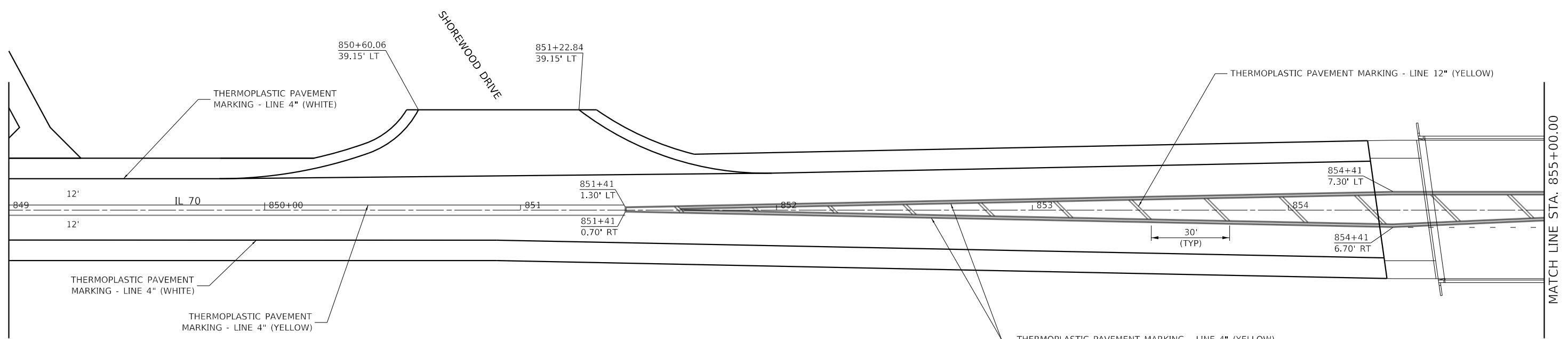
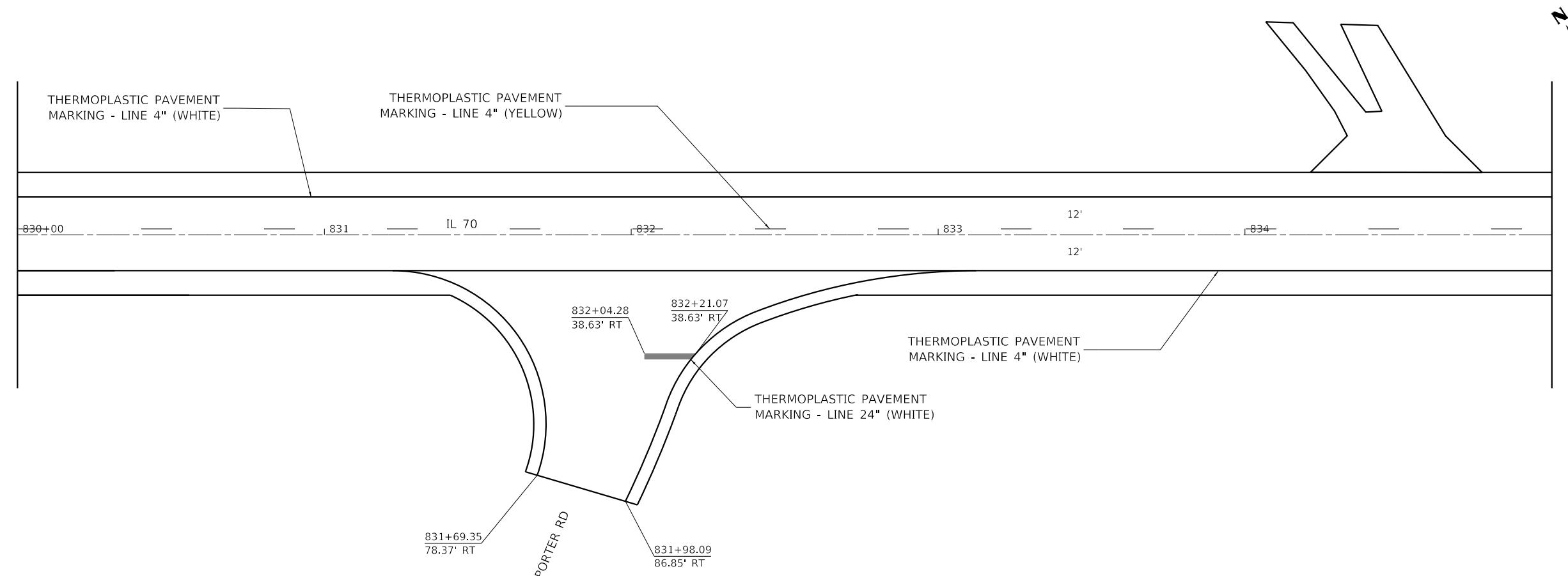
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL ROUTE 70
PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(102,103)RS-4	WINNEBAGO	78	59
		CONTRACT NO. 64P29		

ILLINOIS FED. AID PROJECT

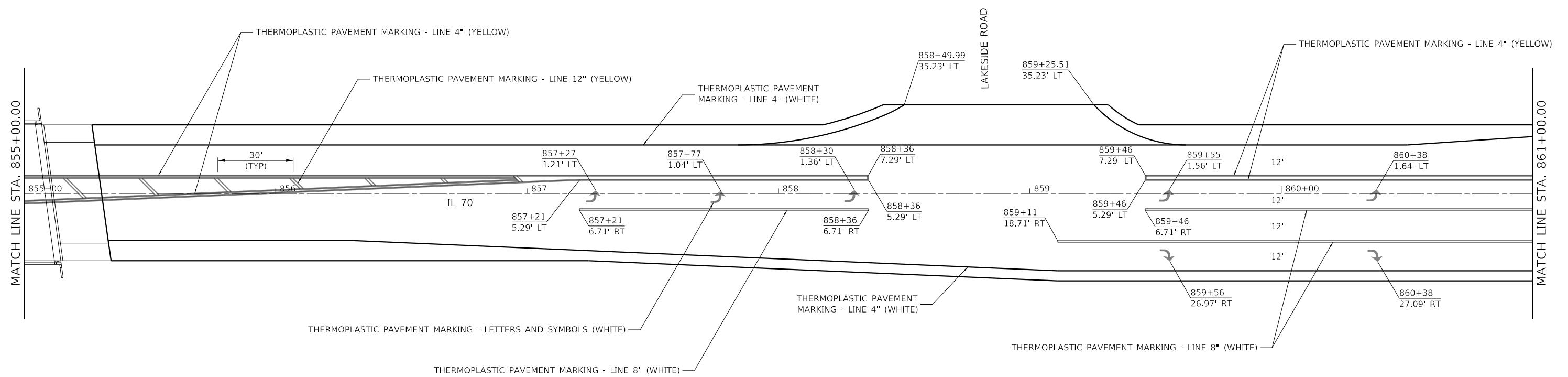


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	DRAWN -	REVISED -
PLOT SCALE = 40,000 " / in.	CHECKED -	REVISED -
PLOT DATE = 1/25/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 70
PAVEMENT MARKING DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						55	(102,103)RS-4	WINNEBAGO	78	60

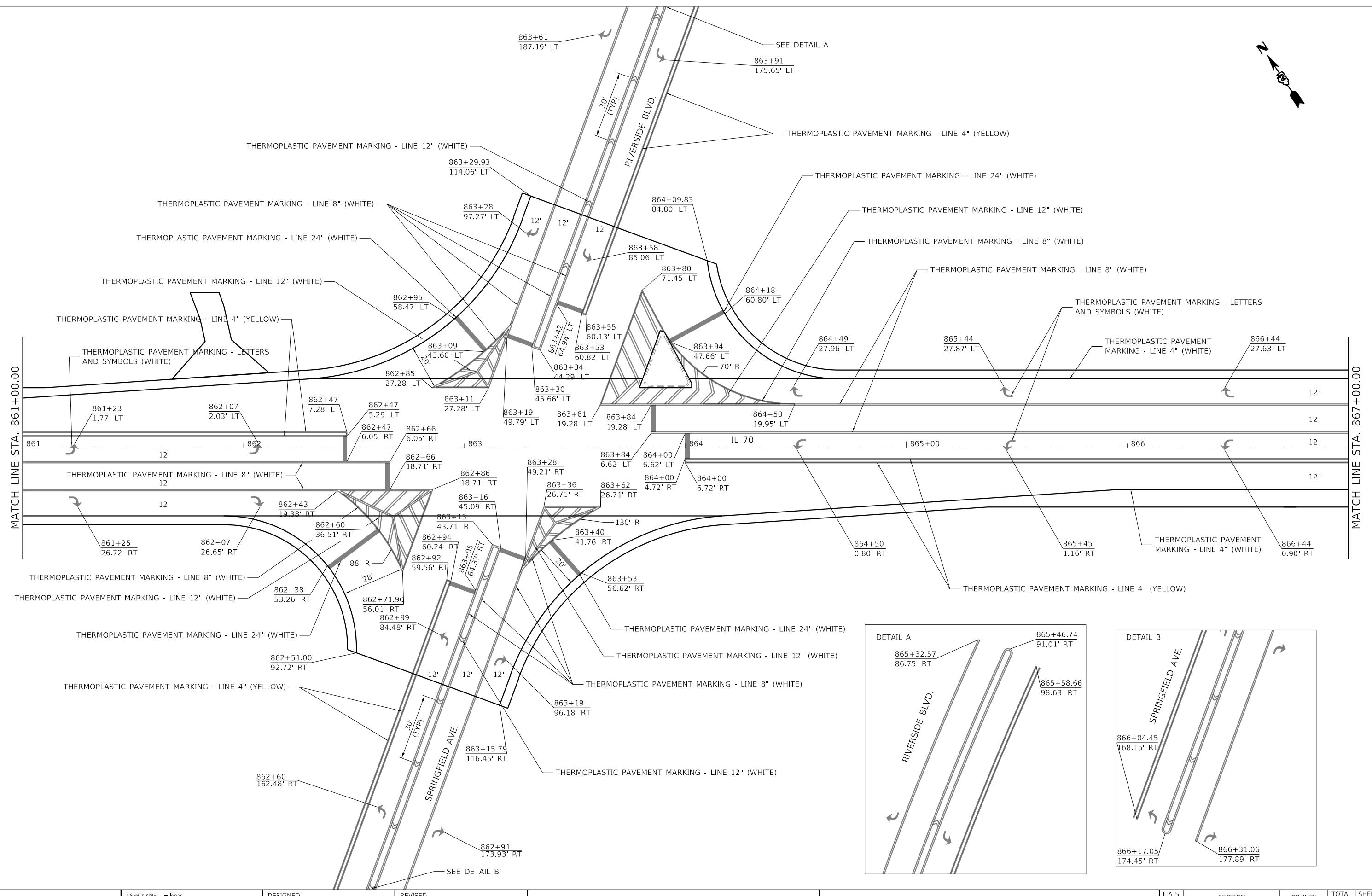


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL ROUTE 70
PAVEMENT MARKING DETAILS**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						55	(102,103)RS-4	WINNEBAGO	78	61

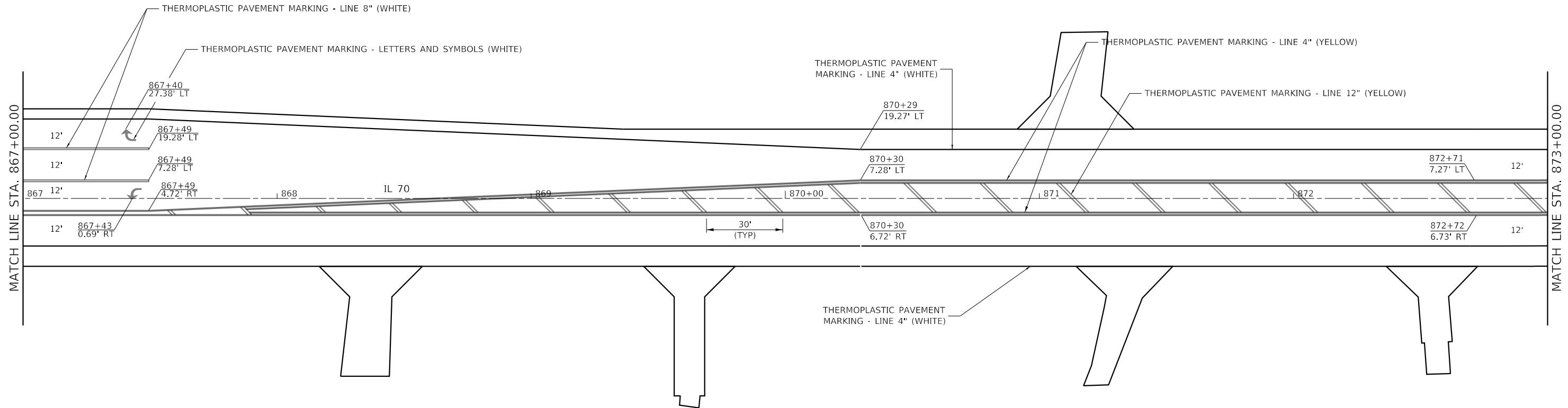
ILLINOIS FED. AID PROJECT

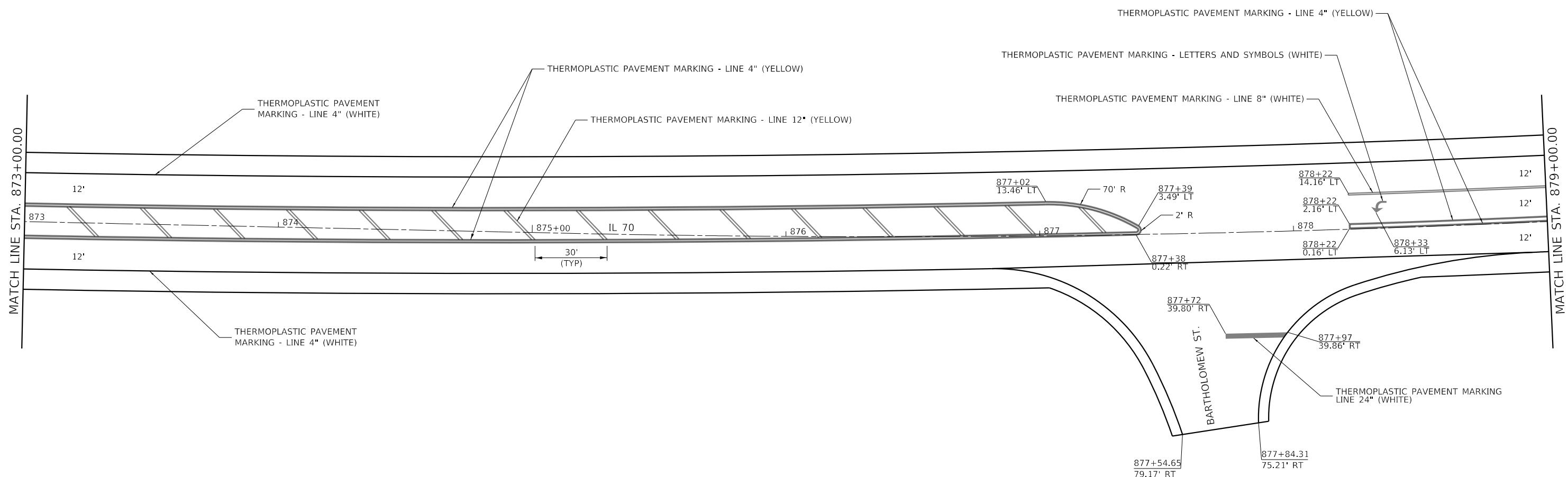


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 70
PAVEMENT MARKING DETAILS

USER NAME = leeac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	DRAWN -		55	(102,103)RS-4	WINNEBAGO	78	62
CHECKED -	REVISED -	CHECKED -		CONTRACT NO. 64P29				
PLOT SCALE = 40,000 " / in.	DATE -	REVISED -		SCALE:	SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

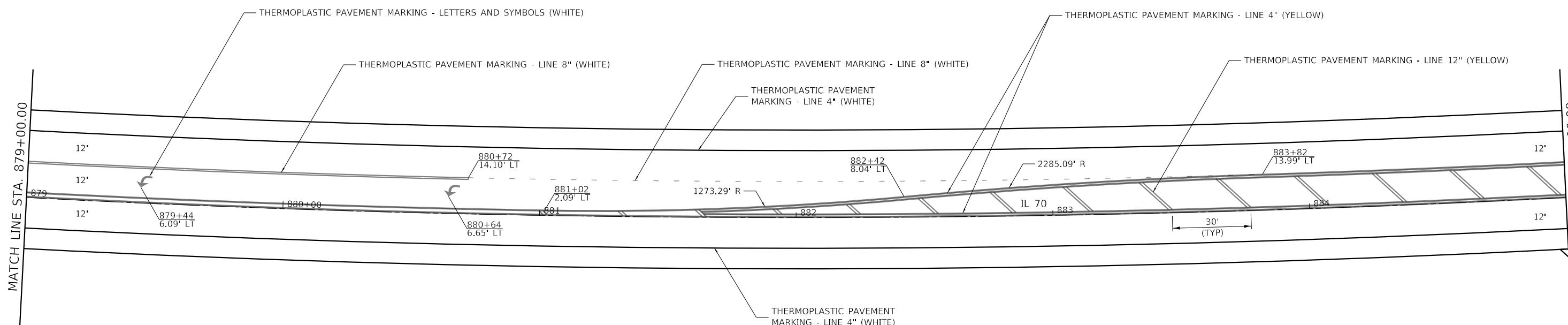
**IL ROUTE 70
PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(102,103)RS-4	WINNEBAGO	78	64

ILLINOIS FED. AID PROJECT

CONTRACT NO. 64P29



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

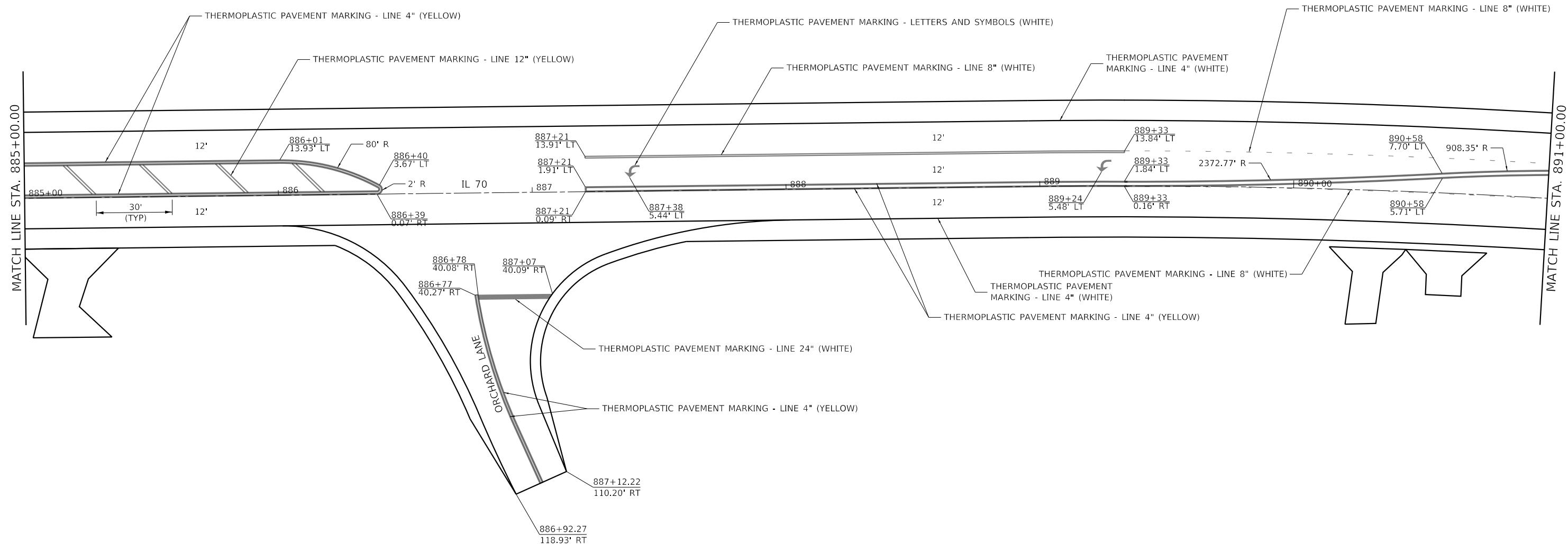
**IL ROUTE 70
PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(102,103)RS-4	WINNEBAGO	78	65

CONTRACT NO. 64P29

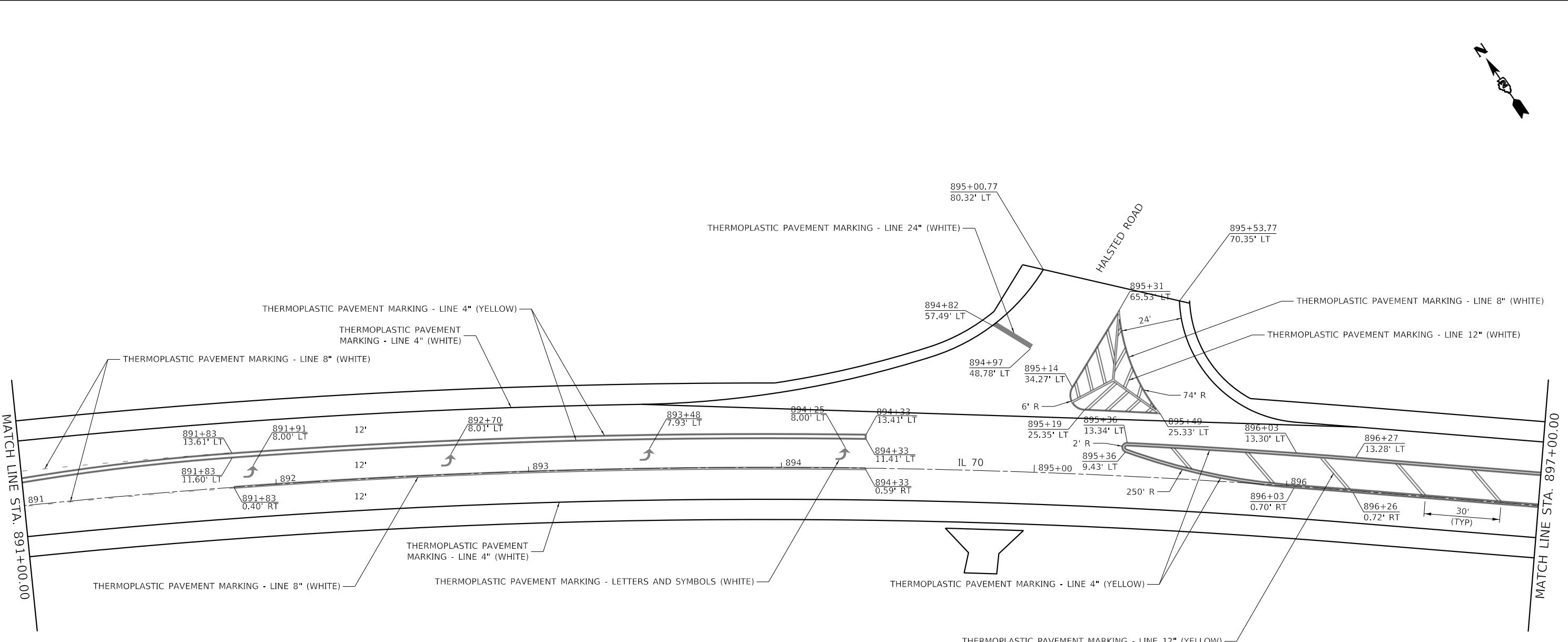
ILLINOIS FED. AID PROJECT

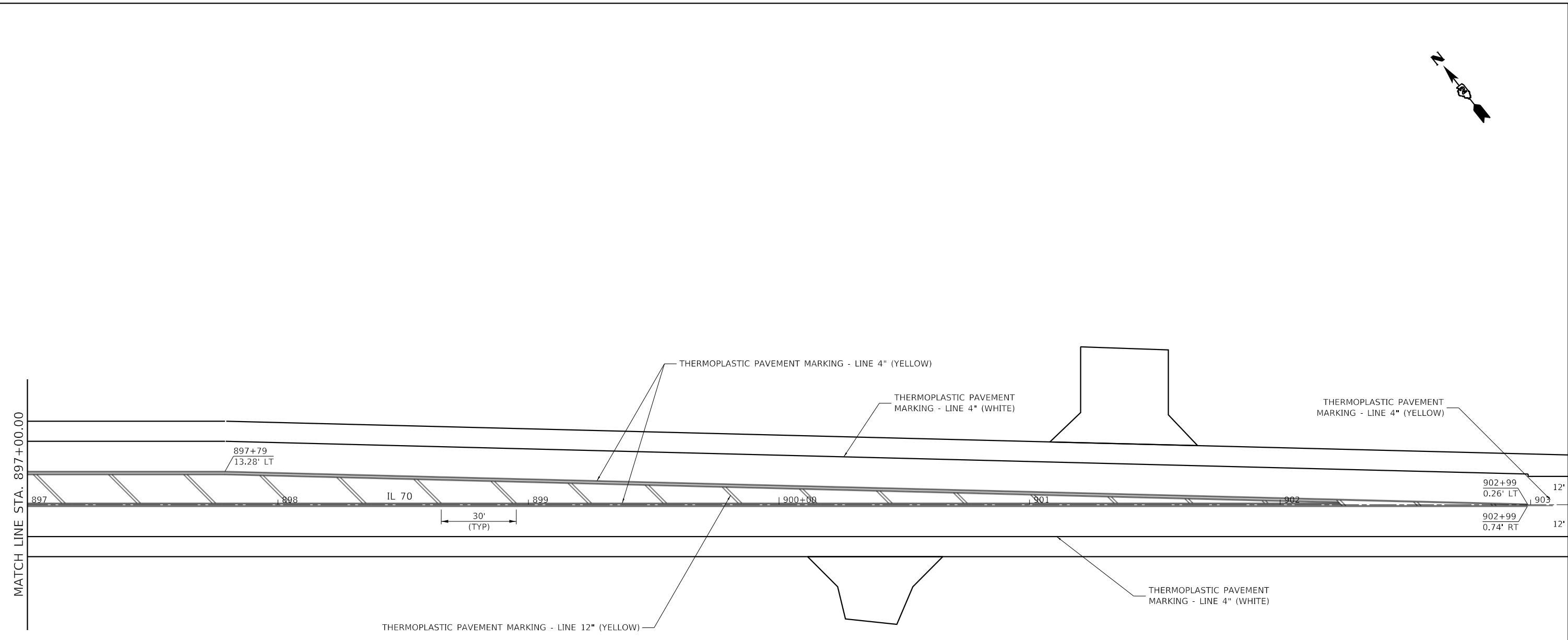


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

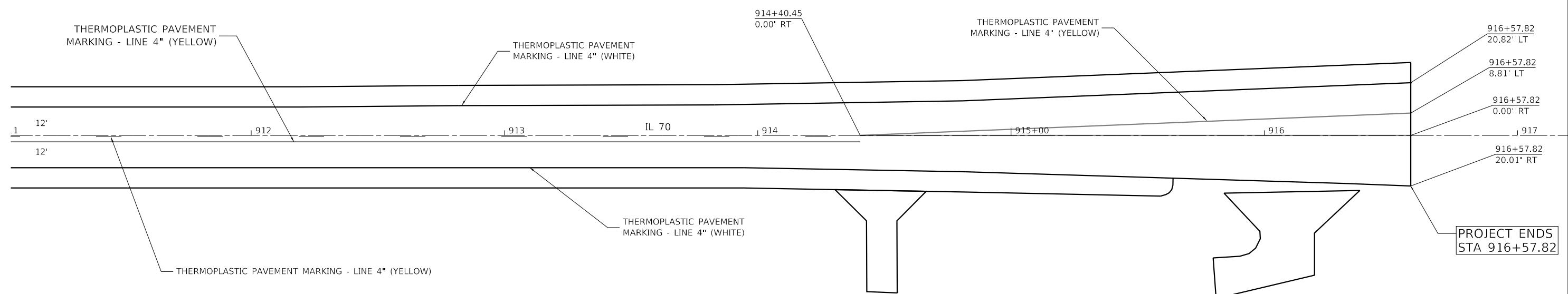
IL ROUTE 70
PAVEMENT MARKING DETAILS

USER NAME = levac	DESIGNED -	REVISED -	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40,000 " / in.	DRAWN -	REVISED -	55	(102,103)RS-4	WINNEBAGO	78	66
PLOT DATE = 1/25/2021	CHECKED -	REVISED -					CONTRACT NO. 64P29
			SCALE:	OF SHEET	SHEETS STA.	TO STA.	ILLINOIS FED. AID PROJECT





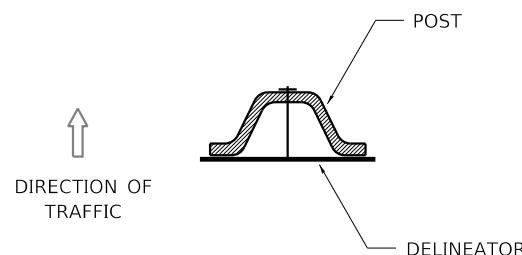
USER NAME = levac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 70 PAVEMENT MARKING DETAILS			
DRAWN -	REVISED -	SCALE:		SHEET	OF	SHEETS STA. TO STA.	
CHECKED -	REVISED -	55		(102,103)RS-4			
PLOT DATE = 1/25/2021	DATE -	REVISED -		ILLINOIS	WINNEBAGO 78 68 CONTRACT NO. 64P29		



USER NAME = leeac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 70 PAVEMENT MARKING DETAILS			
DRAWN -	REVISED -	SCALE:		SHEET	OF	SHEETS STA. TO STA.	
CHECKED -	REVISED -						
PLOT DATE = 1/25/2021	DATE -	REVISED -					

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(102,103)RS-4	WINNEBAGO	78	69
		ILLINOIS	FED. AID PROJECT	CONTRACT NO. 64P29

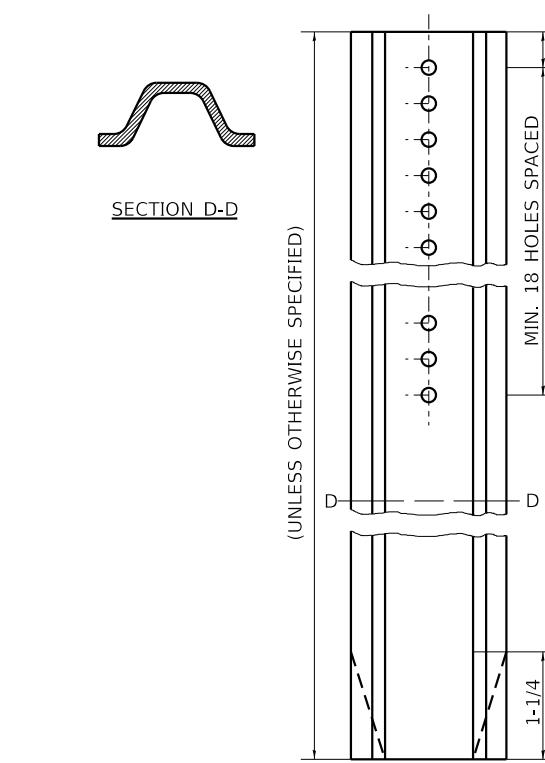
DELINERATOR AND POST ORIENTATION



DELINERATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINERATOR ATTACHECD AS SHOWN ABOVE.

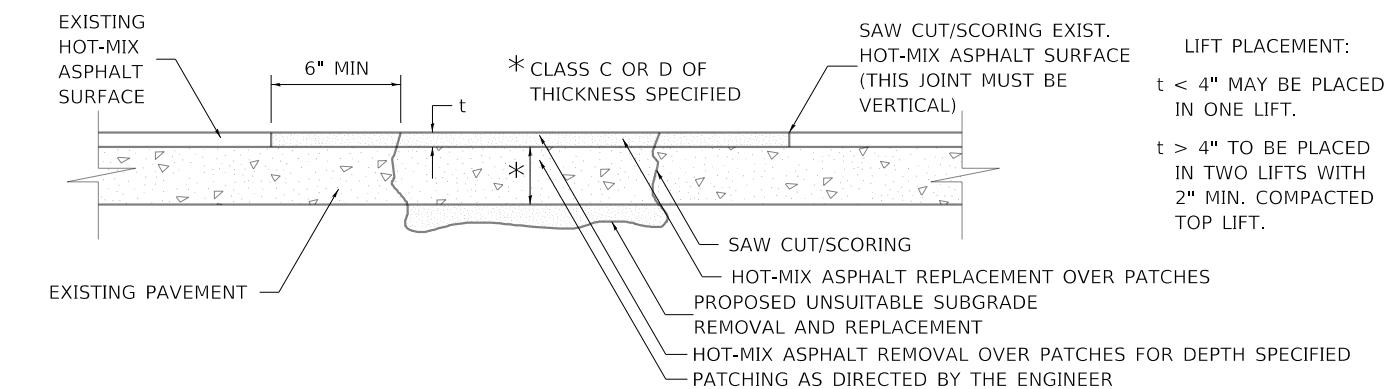
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11



DELINERATOR AND POST ORIENTATION 37.4

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT



SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. RESIDENT ENGINEER WILL DETERMINE IF LOCATION IS TO BE PATCHED OR TO ONLY REPLACE HOT-MIX ASPHALT SURFACE.
3. REMOVE AND REPLACE FULL DEPTH PATCHES AT LOCATIONS DIRECTED BY THE ENGINEER.
4. REPLACE HOT-MIX ASPHALT SURFACE OVER FULL DEPTH PATCHES AND AT LOCATIONS OF HOT-MIX ASPHALT SURFACE REMOVAL.

REVISED - 10-03-11

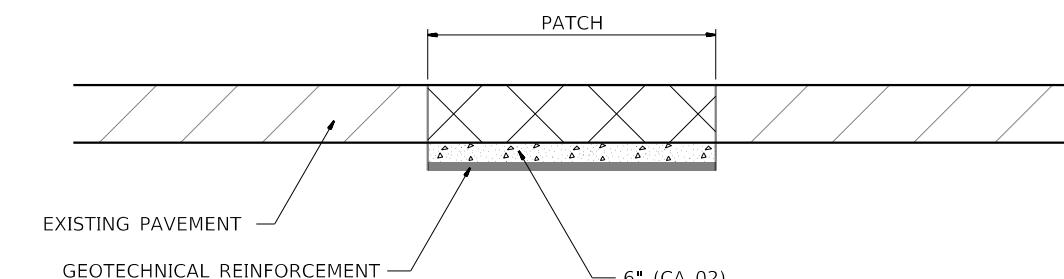
GENERAL NOTES:

1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT 32.4

SUBGRADE REPLACEMENT



NOTES:

THE CA 02 SHALL BE COMPAKTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

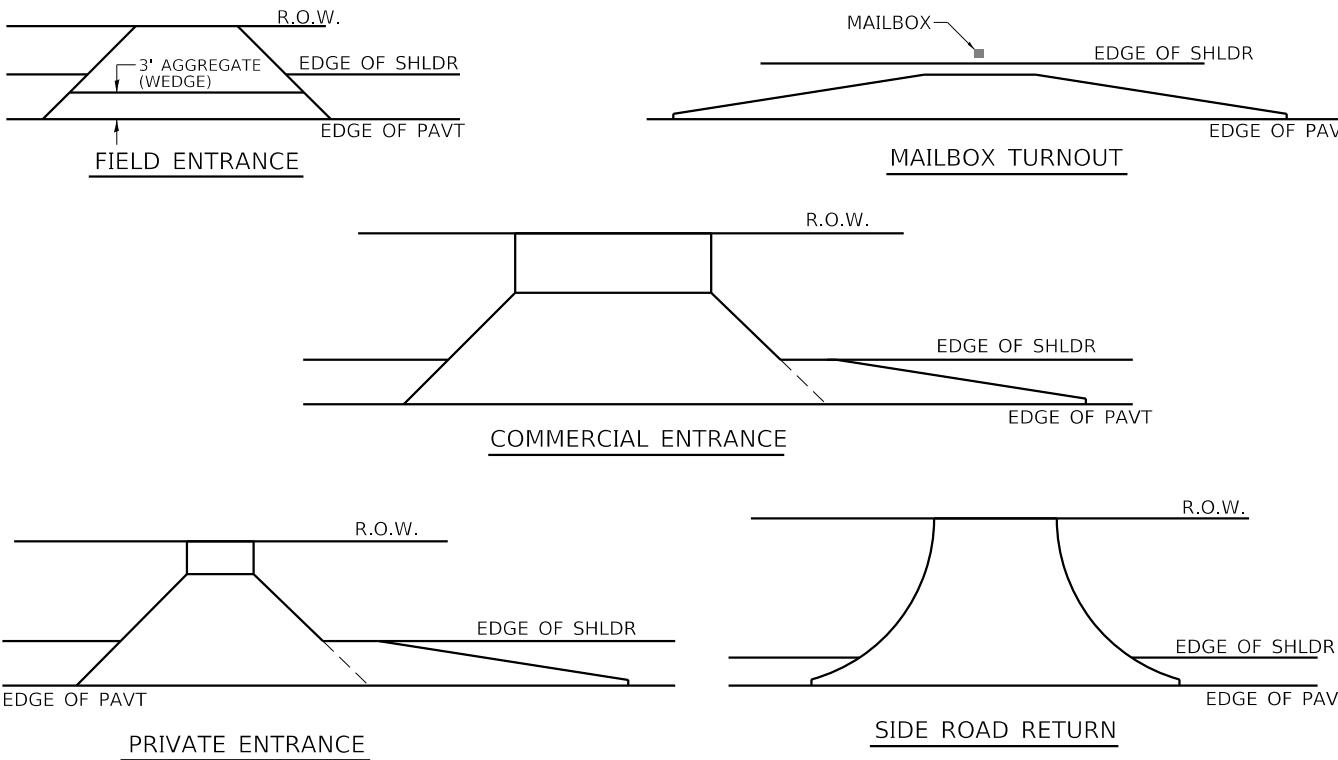
THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-13-13	REGION 2 / DISTRICT 2 STANDARD			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -	55	(102,103)RS-4	WINNEBAGO	78	70			
REVISED -								CONTRACT NO. 64P29
REVISED -	SCALE: 100,0000' /	irSHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT

HOT-MIX ASPHALT APPROACHES & MAILBOX RETURNS FOR TWO LIFT (3P) RESURFACING PROJECTS

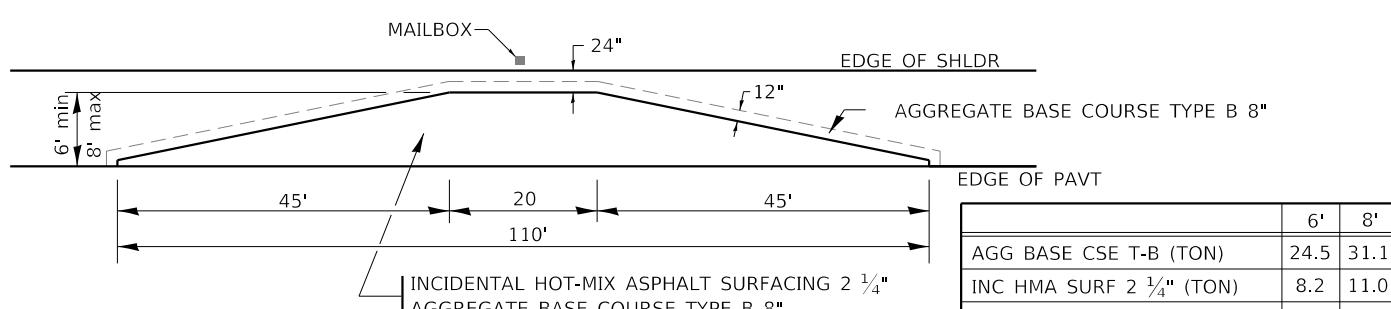


NOTE: EXISTING HMA PE's, CE's, SR's, & MB TURNOUTS
Place $2\frac{1}{4}$ " Incidental Hot-Mix Asphalt Surfacing on entrance to conform to the existing configuration.

EXISTING AGG. PE's & CE's
Place $2\frac{1}{4}$ " Incidental Hot-Mix Asphalt Surfacing on existing entrance to conform to the present configuration.

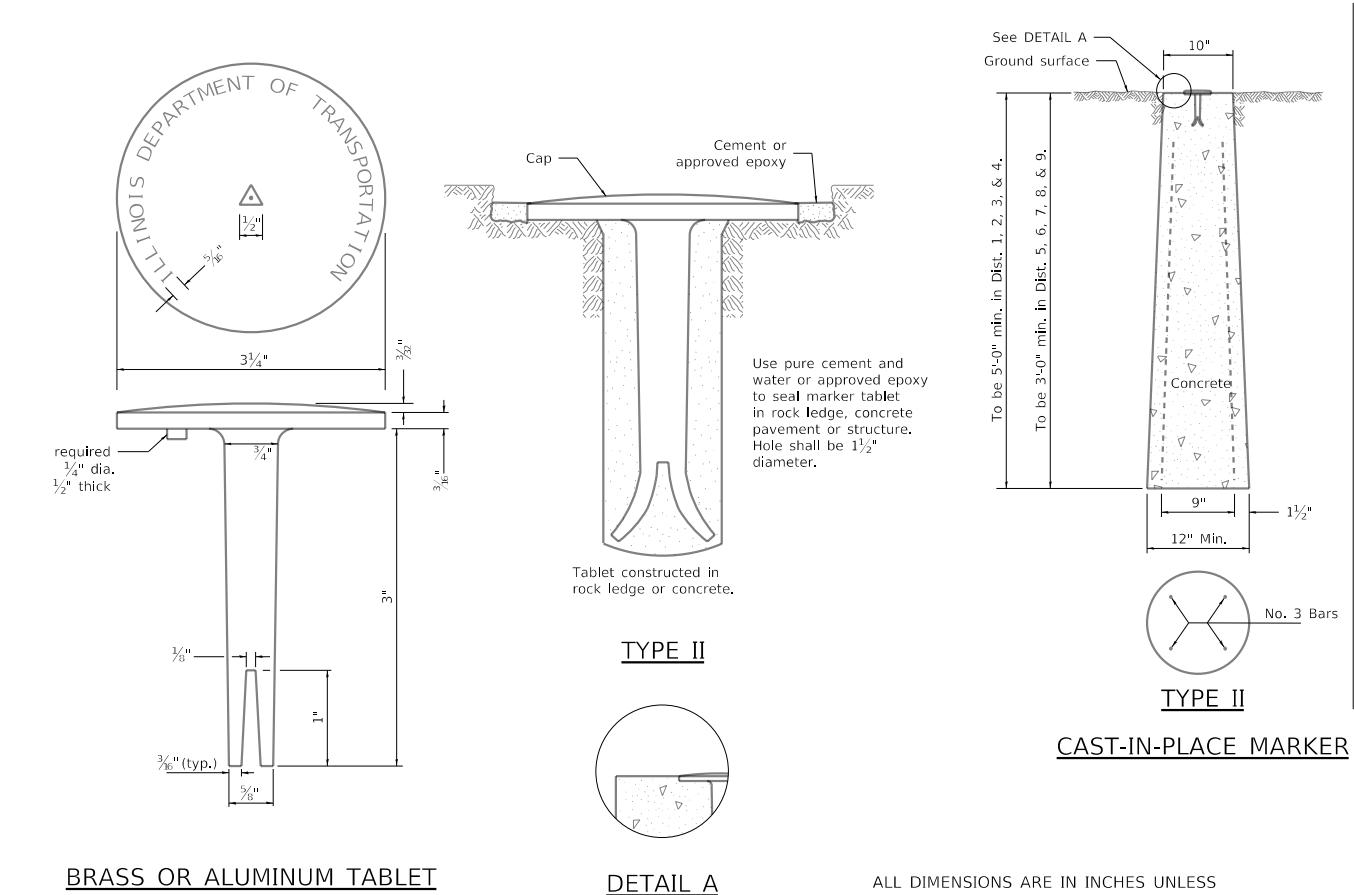
EXISTING AGG. SIDEROADS
Place 3" Incidental Hot-Mix Asphalt Surfacing on sideroad to conform to the present configuration.

EXISTING AGG. MAILBOX TURNS
Existing Agg. Mailbox Turnouts shall be constructed as shown below.



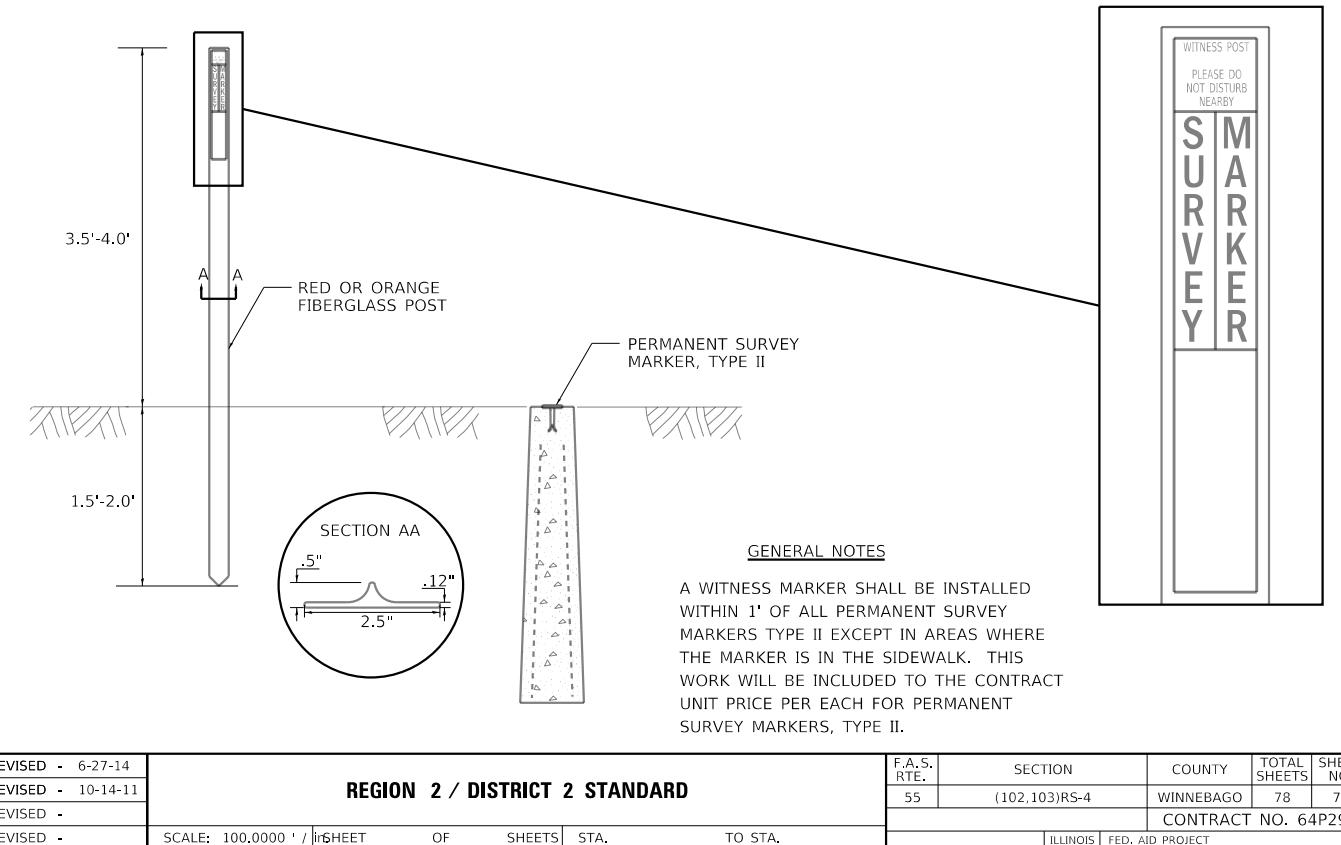
REVISED - 1-05-16
REVISED - 7-21-15
REVISED - 6-27-14
REVISED - 10-21-08

PERMANENT SURVEY MARKERS, TYPE II



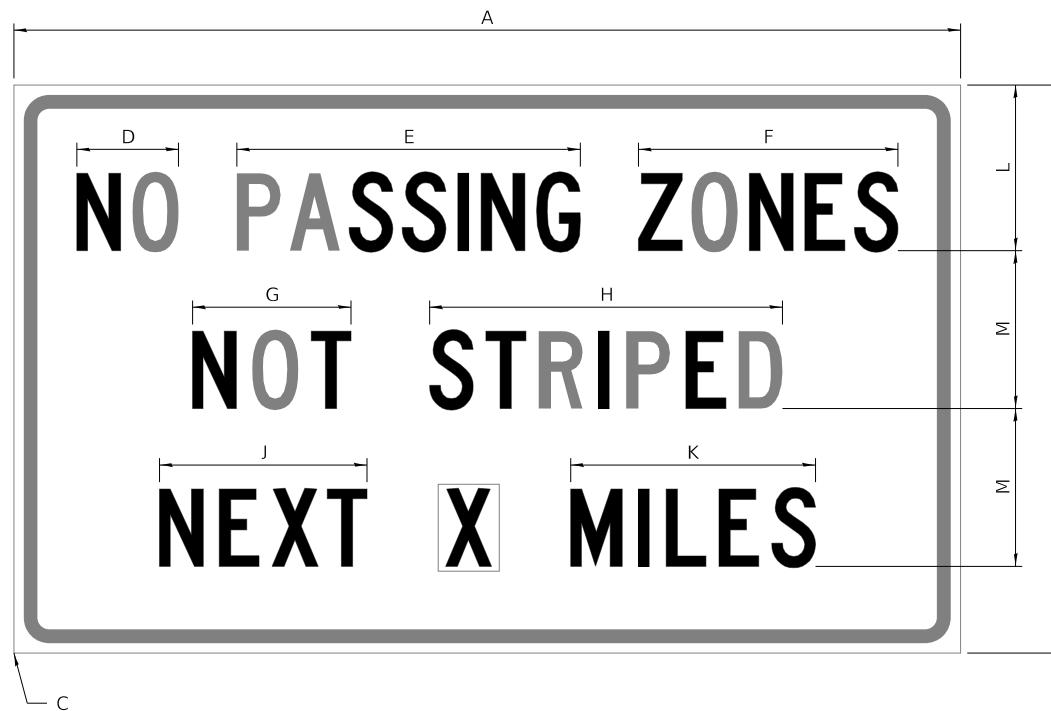
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



COLOR LEGEND AND BORDER
BACKGROUND BLACK ORANGE NON-REFLECTORIZED
REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

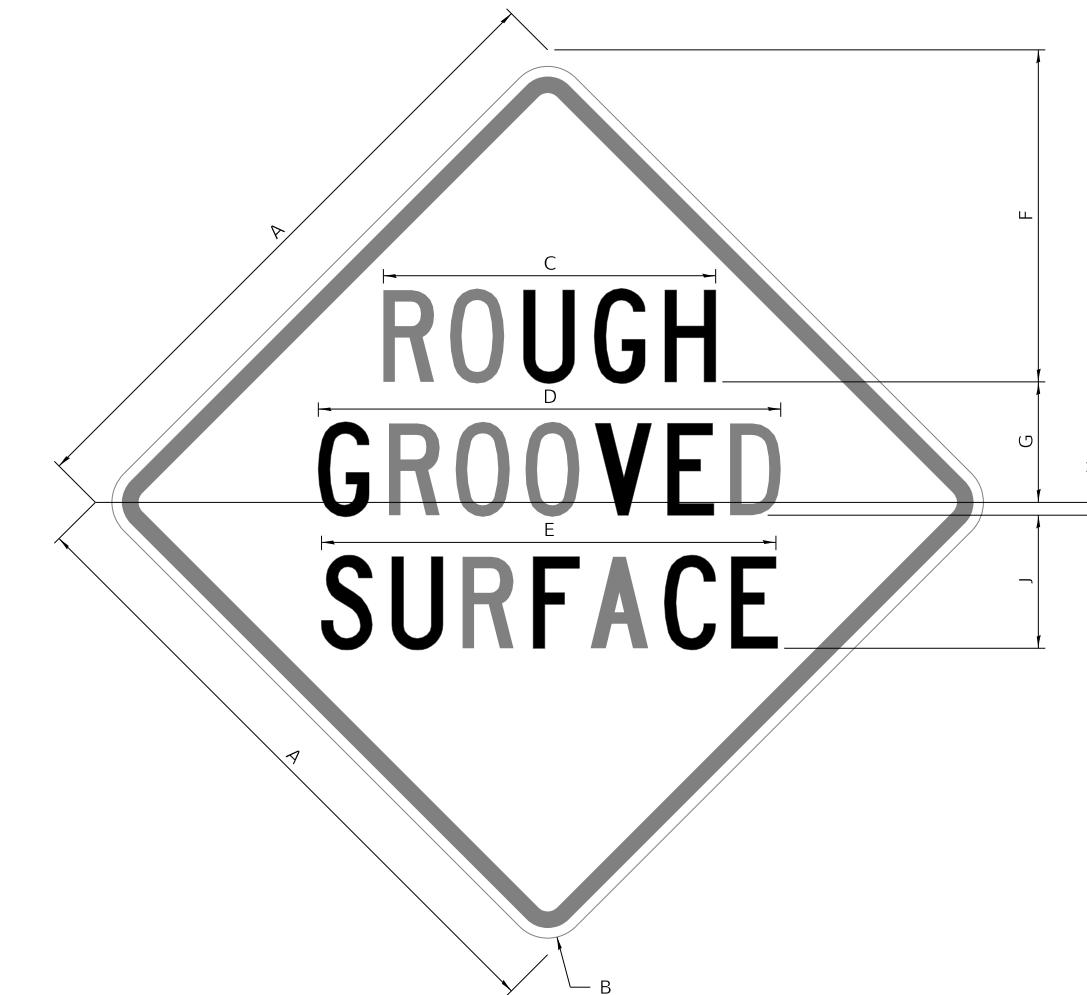
All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

Sign not to scale

ILLINOIS STANDARD W8-I107



COLOR LEGEND AND BORDER
BACKGROUND BLACK ORANGE NON-REFLECTORIZED
REFLECTORIZED

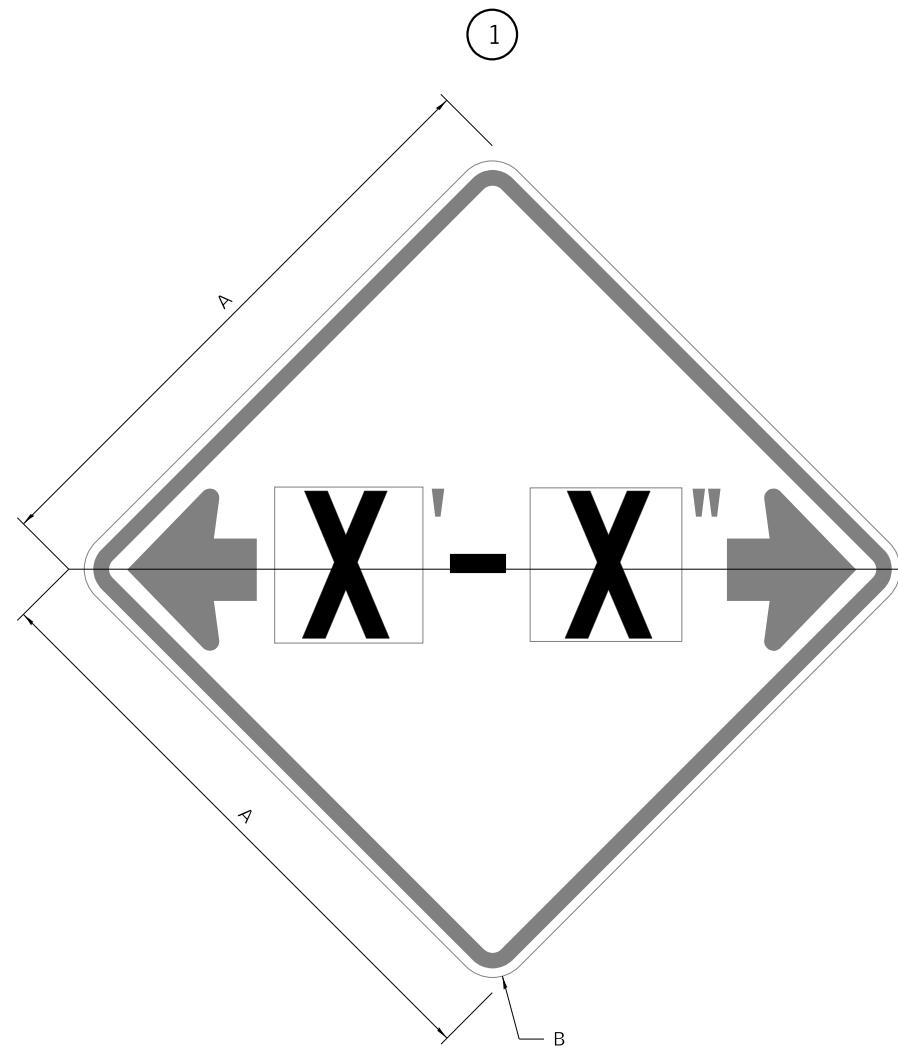
SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

FILE NAME: pws\planroom\dot.illinois.gov\PWDOT\Documents\District 2\Projects\64P29\Program\DRAWN\Studies & Plans\Design\CADD\CADD\REVISED\29-shrt-details.dgn	USER NAME = leeac	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE. 55	SECTION (102,103)RS-4	COUNTY WINNEBAGO	TOTAL SHEETS 78	SHEET NO. 72
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -							CONTRACT NO. 64P29	
PLOT DATE = 1/25/2021	DATE -	REVISED -	SCALE:			1 OF 4 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT	

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

COLOR	LEGEND AND BORDER BACKGROUND	BLACK FL ORANGE	NON-REFLECTORIZED
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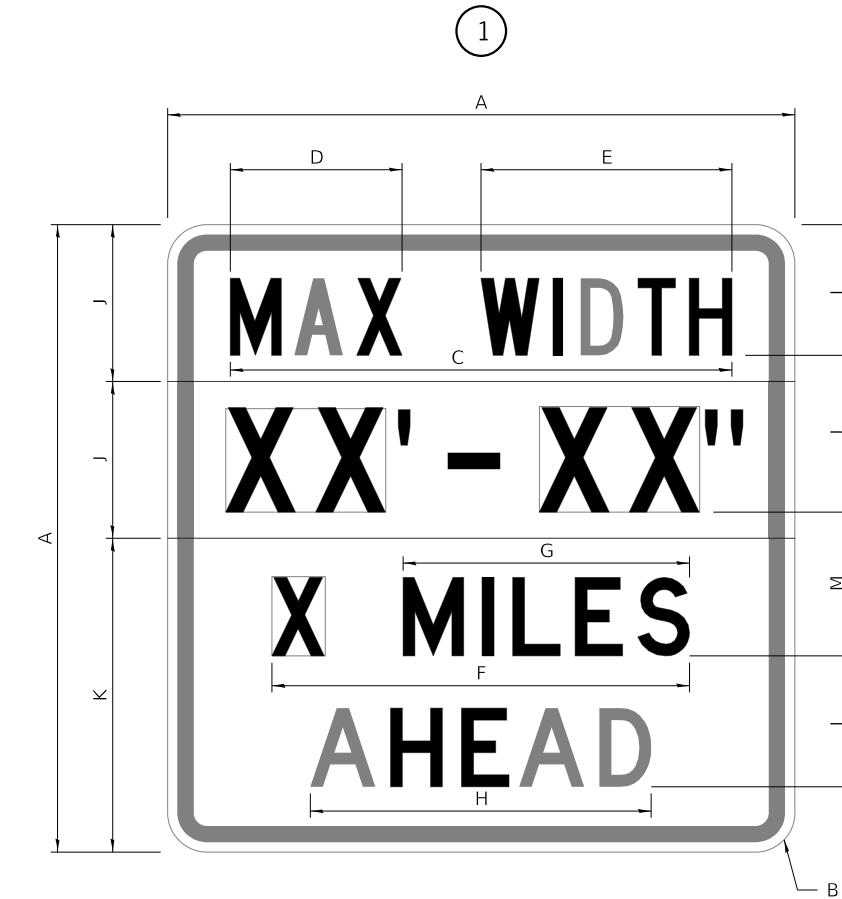
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

(1) Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

ILLINOIS STANDARD W12-I103



SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

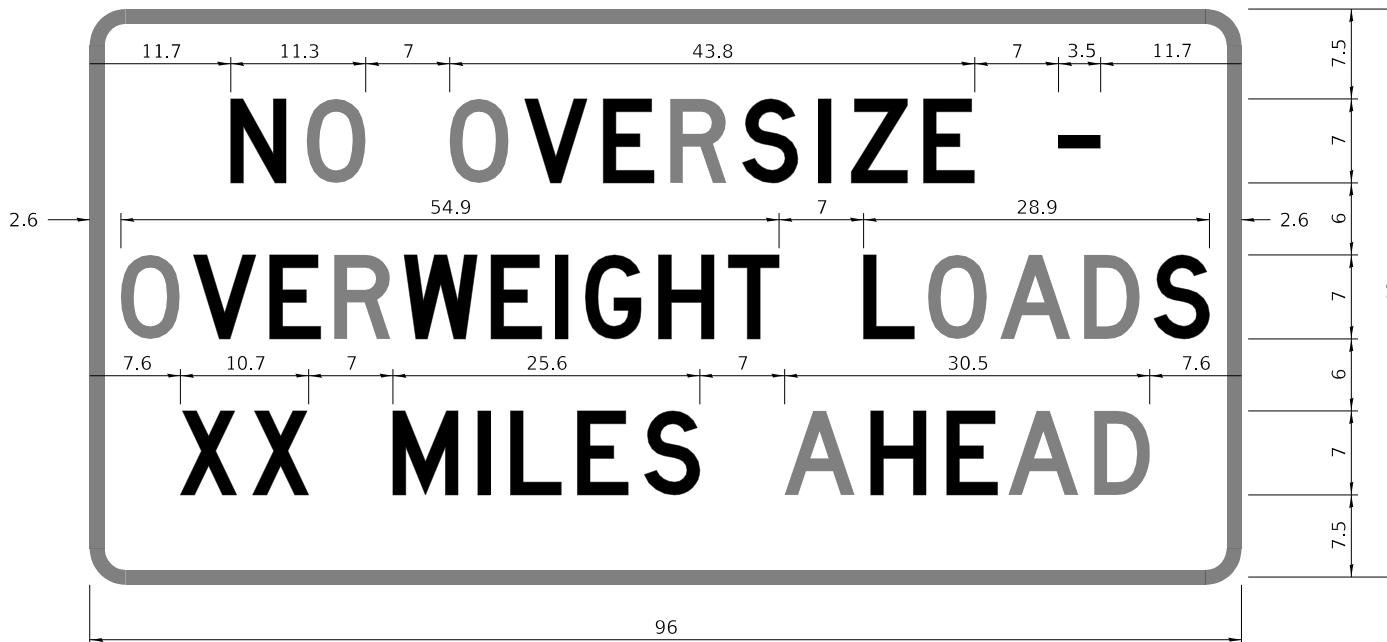
Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE
TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME: pws\planroom\dot\illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\64P29\Program\DRAWN\Management\Studies & Plans\Design\CADD\CADshe\REVISED\p29-shd-details.dgn	USER NAME = leeac	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE. 55	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -				(102,103)RS-4		WINNEBAGO	78	73
PLOT DATE = 1/25/2021	DATE -	REVISED -				CONTRACT NO. 64P29				
SCALE:	SHEET 2	OF 4	SHEETS	STA,	TO STA,			ILLINOIS	FED. AID PROJECT	

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



COLOR LEGEND AND BORDER BACKGROUND BLACK
NON-REFLECTORIZED
ORANGE REFLECTORIZED

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;
[NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;
Table of letter and object lefts.

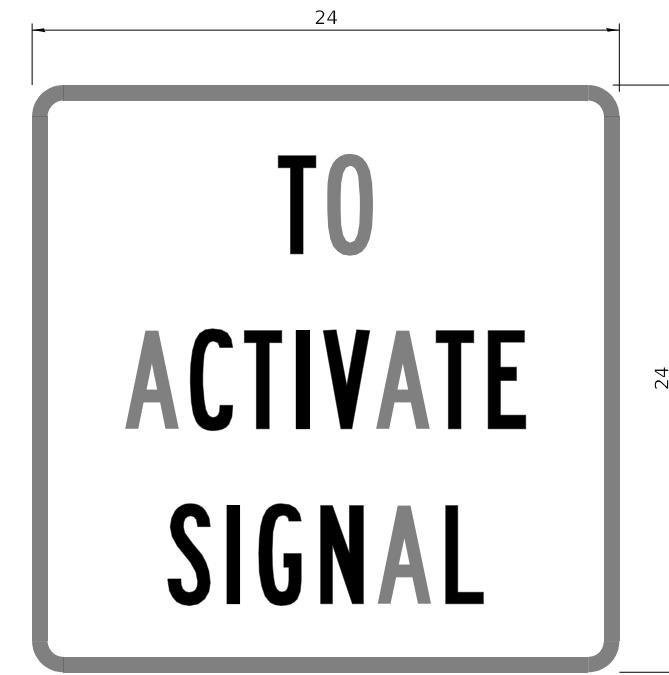
N 11.7	O 18.1	O 30.0	V 36.2	E 42.8	R 48.4	S 54.4	I 60.7	Z 63.5	E 69.5	- 80.8
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O 2.6	V 8.6	E 15.0	R 20.4	W 26.2	E 33.4	I 38.8	G 41.3	H 47.4	T 53.2	L 64.5	O 69.9	A 75.9	D 82.9	S 88.7
----------	----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

X 7.6	X 13.6	M 25.3	I 32.3	L 35.1	E 40.6	S 46.2	A 57.9	H 65.1	E 71.4	A 76.6	D 83.7
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Sign not to scale

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR LEGEND AND BORDER BACKGROUND BLACK
WHITE NON-REFLECTORIZED
REFLECTORIZED

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

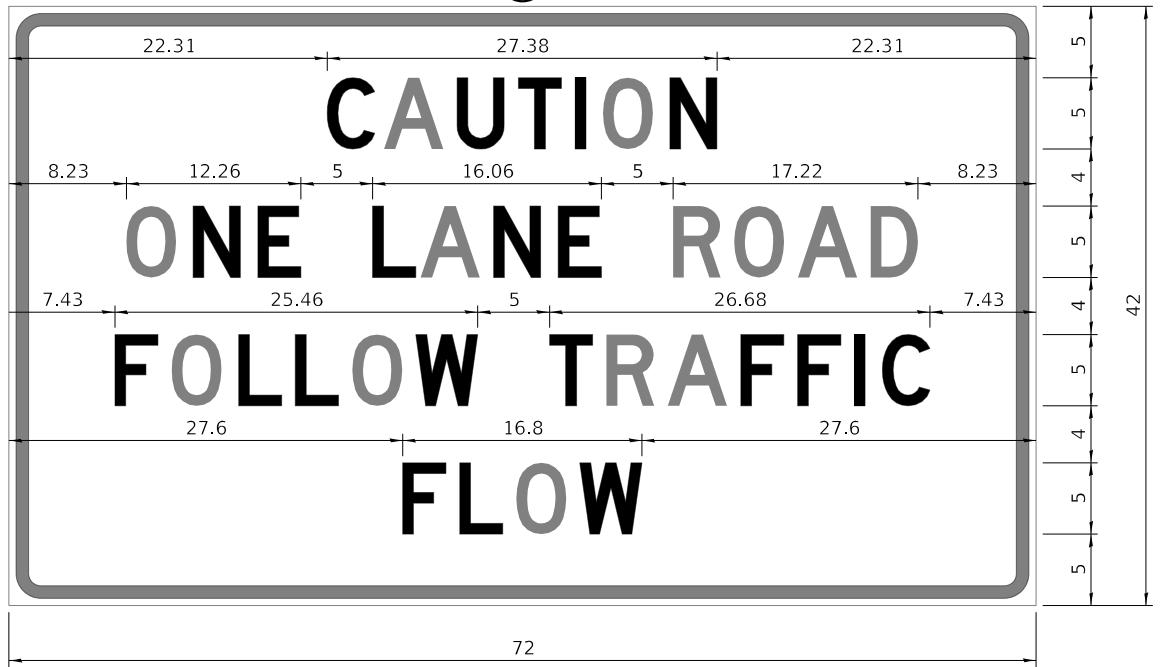
USER NAME = leeac	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE. 55	SECTION (102,103)RS-4	COUNTY WINNEBAGO	TOTAL SHEETS 78	SHEET NO. 74
FILE NAME: pws\planroom\dot.illinois.gov\PWIDOT\Documents\District 2\Projects\64P29\Program\DRAWN\Management\Studies & Plans\Design\CADD\CAD\drawing.dwg	REVIEWED -	REVIEWED - 29-shrt-details.dgn							
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -							CONTRACT NO. 64P29
USER NAME = leeac	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE. 55	SECTION (102,103)RS-4	COUNTY WINNEBAGO	TOTAL SHEETS 78	SHEET NO. 74
FILE NAME: pws\planroom\dot.illinois.gov\PWIDOT\Documents\District 2\Projects\64P29\Program\DRAWN\Management\Studies & Plans\Design\CADD\CAD\drawing.dwg	REVIEWED -	REVIEWED - 29-shrt-details.dgn							
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -							CONTRACT NO. 64P29

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

ILLINOIS FED. AID PROJECT

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

(2)



COLOR LEGEND AND BORDER
BACKGROUND BLACK
ORANGE NON-REFLECTORIZED
REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" Indent;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

(2) This sign shall be installed at entrances located between
the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C 3.36	0.62	A 4.18	0.94	U 3.36	0.94	T 3.04	0.94	I 0.78	1.17	O 3.52	1.17	N 3.36	22.31
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8.23	O 3.51	1.17	N 3.36	1.18	E 3.04
------	-----------	------	-----------	------	-----------

5.00	L 3.05	0.31	A 4.18	0.94	N 3.36	1.17	E 3.05
------	-----------	------	-----------	------	-----------	------	-----------

5.00	R 3.36	0.93	O 3.52	0.94	A 4.18	0.93	D 3.36	8.23
------	-----------	------	-----------	------	-----------	------	-----------	------

7.43	F 3.04	0.94	O 3.52	1.17	L 3.04	0.94	L 3.05	0.94	O 3.51	0.94	W 4.37
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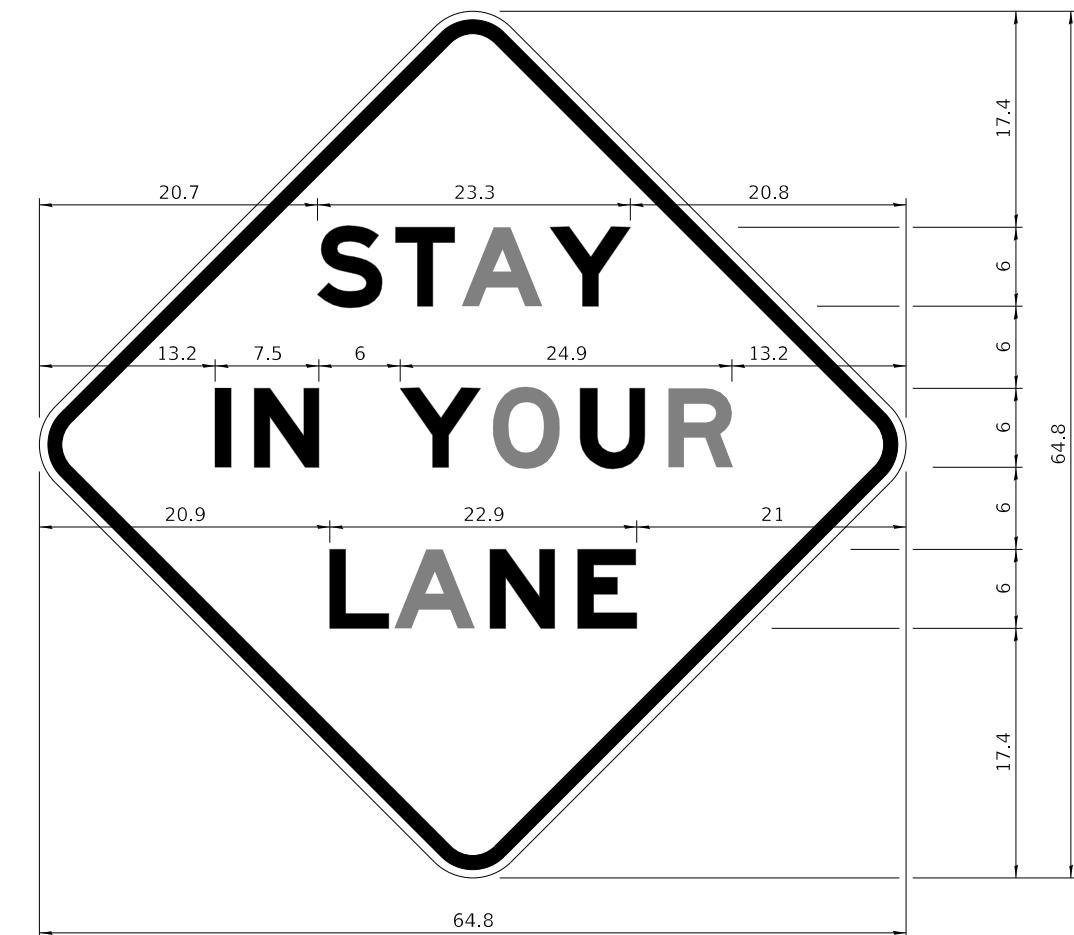
5.00	T 3.05	0.94	R 3.36	0.94	A 4.18	0.93	F 3.05	0.94	F 3.04	0.94	I 0.78	1.18	C 3.35	7.43
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27.60	F 3.05	0.94	L 3.04	0.94	O 3.52	0.93	W 4.38	27.60
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Sign not to scale

WORK ZONE SIGN DETAILS

STAY IN YOUR LANE



COLOR LEGEND AND BORDER
BACKGROUND BLACK
ORANGE NON-REFLECTORIZED
REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S 20.7	T 26.8	A 31.6	Y 38.0
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I 13.2	N 15.9	Y 26.7	O 33.9	U 40.5	R 46.8
-----------	-----------	-----------	-----------	-----------	-----------

L 20.9	A 25.8	N 33.1	E 39.4
-----------	-----------	-----------	-----------

Sign not to scale

FILE NAME: pws\planroom\dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\64P29\Program\DRAWN\Management\Studies & Plans\Design\CADD\CADshe\REVISED\64P29-shrt-details.dgn	USER NAME = leeac	DESIGNED -	REVISED - 3-02-16
PLOT SCALE = 10,000.00' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/25/2021	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

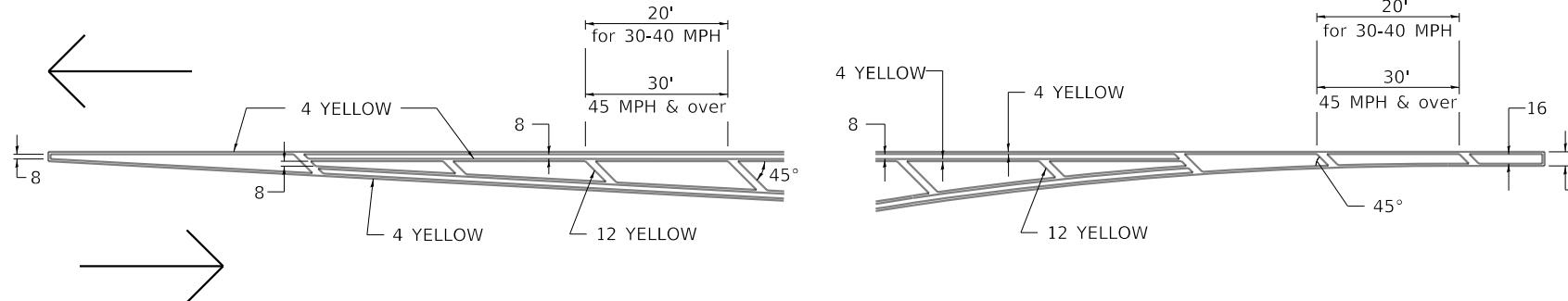
REGION 2 / DISTRICT 2 STANDARD

SCALE:	4	OF 4	4 SHEETS	STA,	TO STA,	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55						(102,103)RS-4		WINNEBAGO	78	75

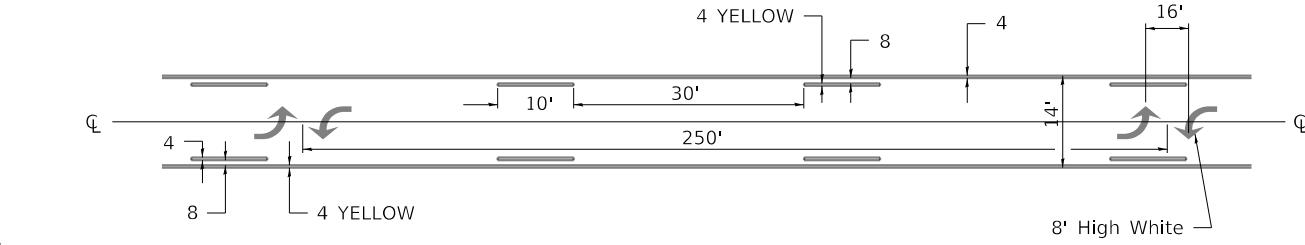
ILLINOIS FED. AID PROJECT

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

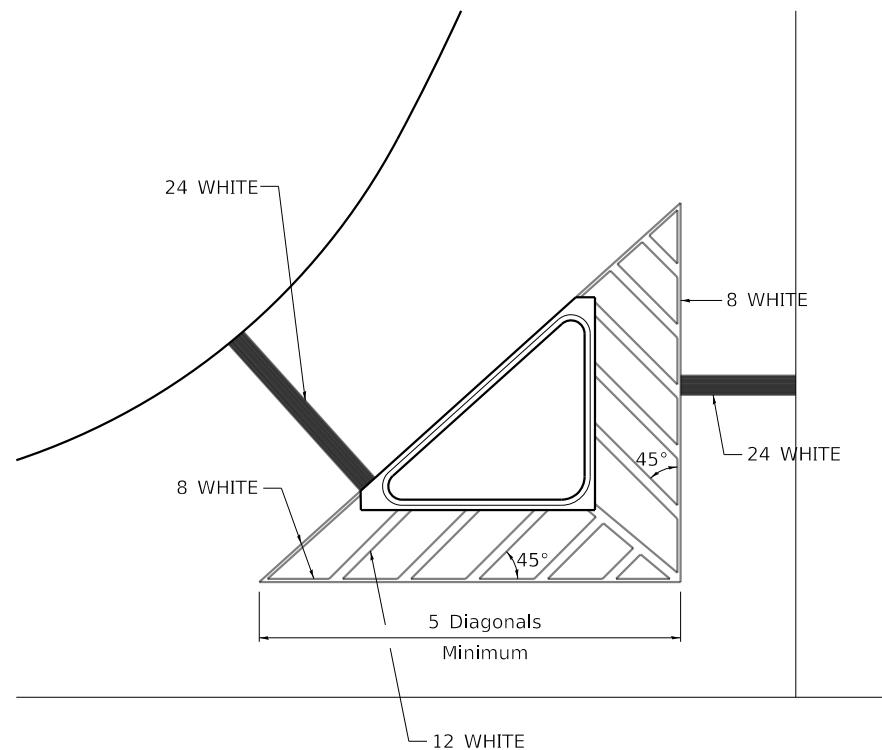


MEDIAN PAVEMENT MARKING

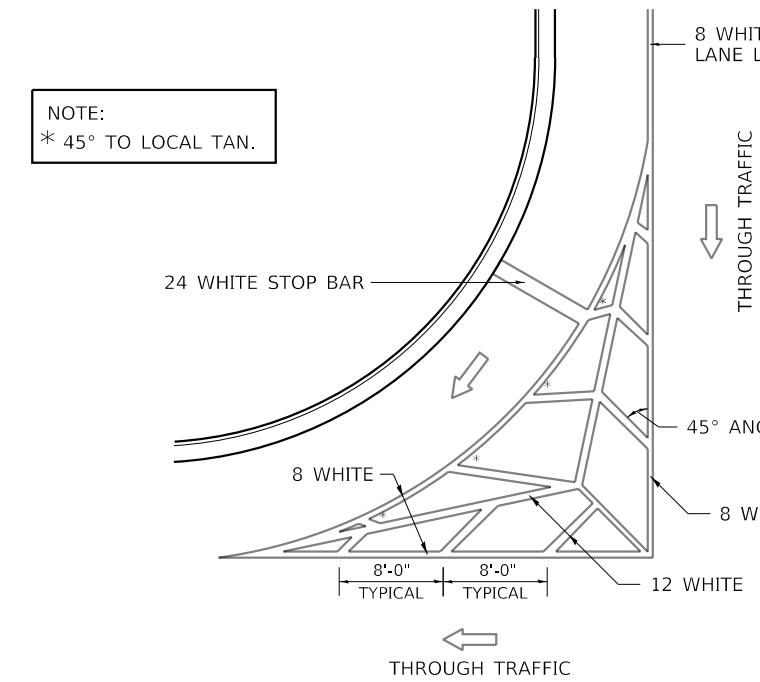


** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

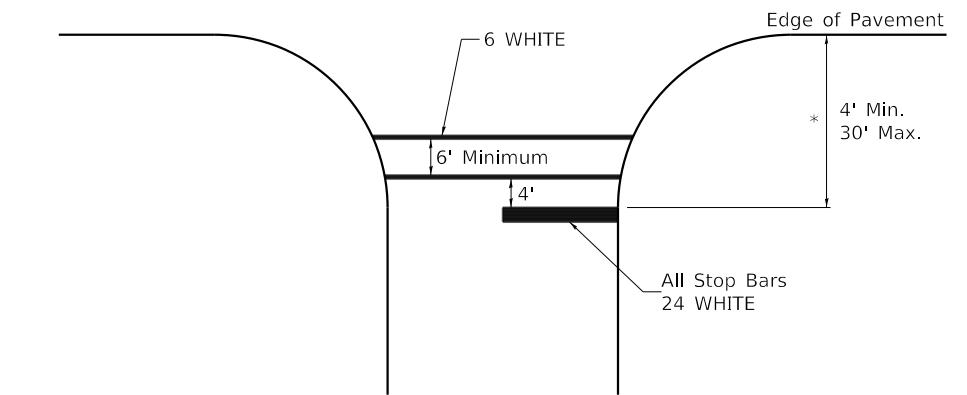


TYPICAL MARKING FOR PAINTED ISLANDS



STANDARD CROSSWALK MARKING

See Schedules for Locations



* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

USER NAME = leeac	DESIGNED -	REVISED - 6-27-14
FILE NAME: pws\planroom\dot.illinois.gov\PWIDOT\Documents\District 2\Projects\64P29\Program\DRAWN\ment\Studies & Plans\Design\CADD\CAD\she	DRA	REVISED 6-29-shd-det405e12
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/25/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

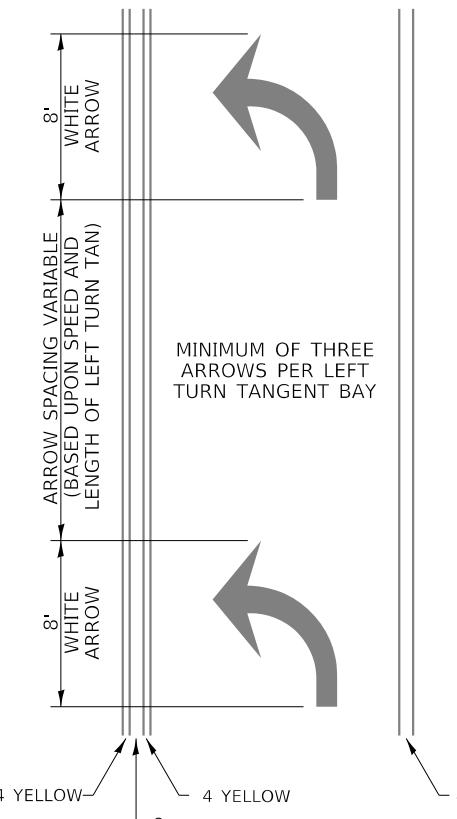
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(102,103)RS-4	WINNEBAGO	78	76
				CONTRACT NO. 64P29

ILLINOIS FED. AID PROJECT

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

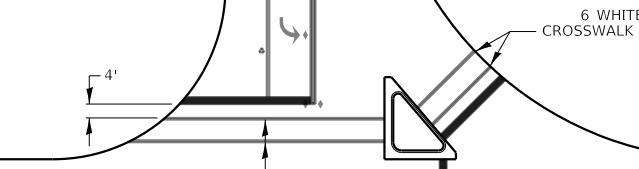


ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

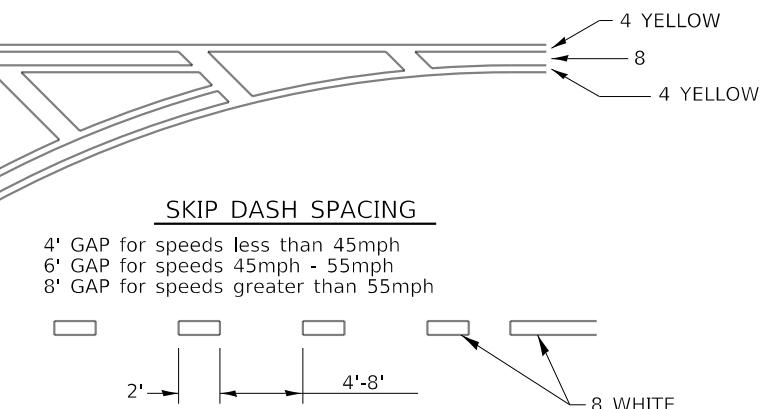
- ◆ ONE-WAY AMBER MARKER
- ◆ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

6 at 40' O.C.
APPROACH SIDE ONLY

See Typical
Drawing at right



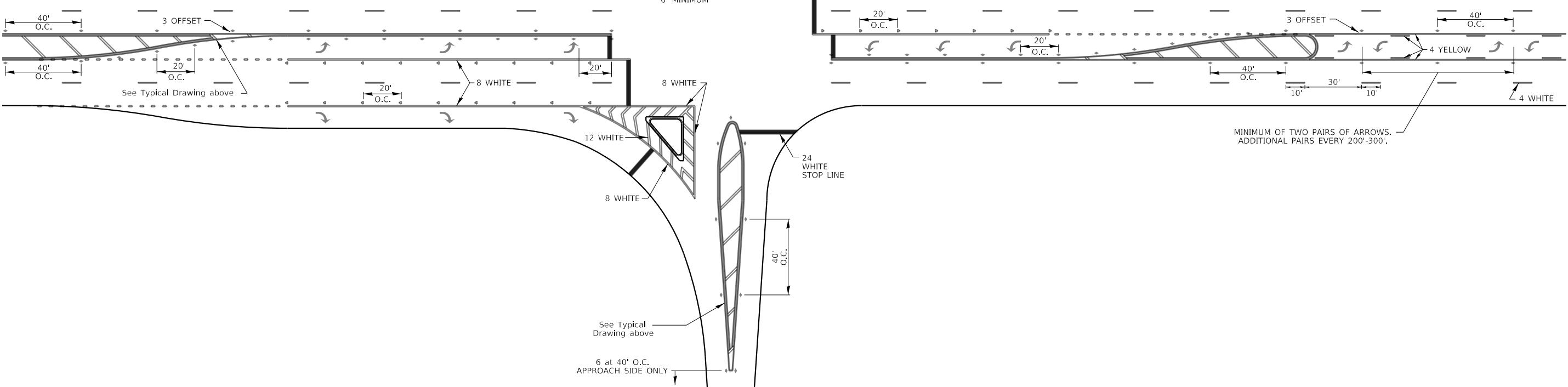
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



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FILE NAME: pws\planroom\dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\64P29\Program\DRAWN\Studies & Plans\Design\CADD\CADshort\REVISED\29-shrt-detai05e12	DRAWN -	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/25/2021	DATE -	REVISED -

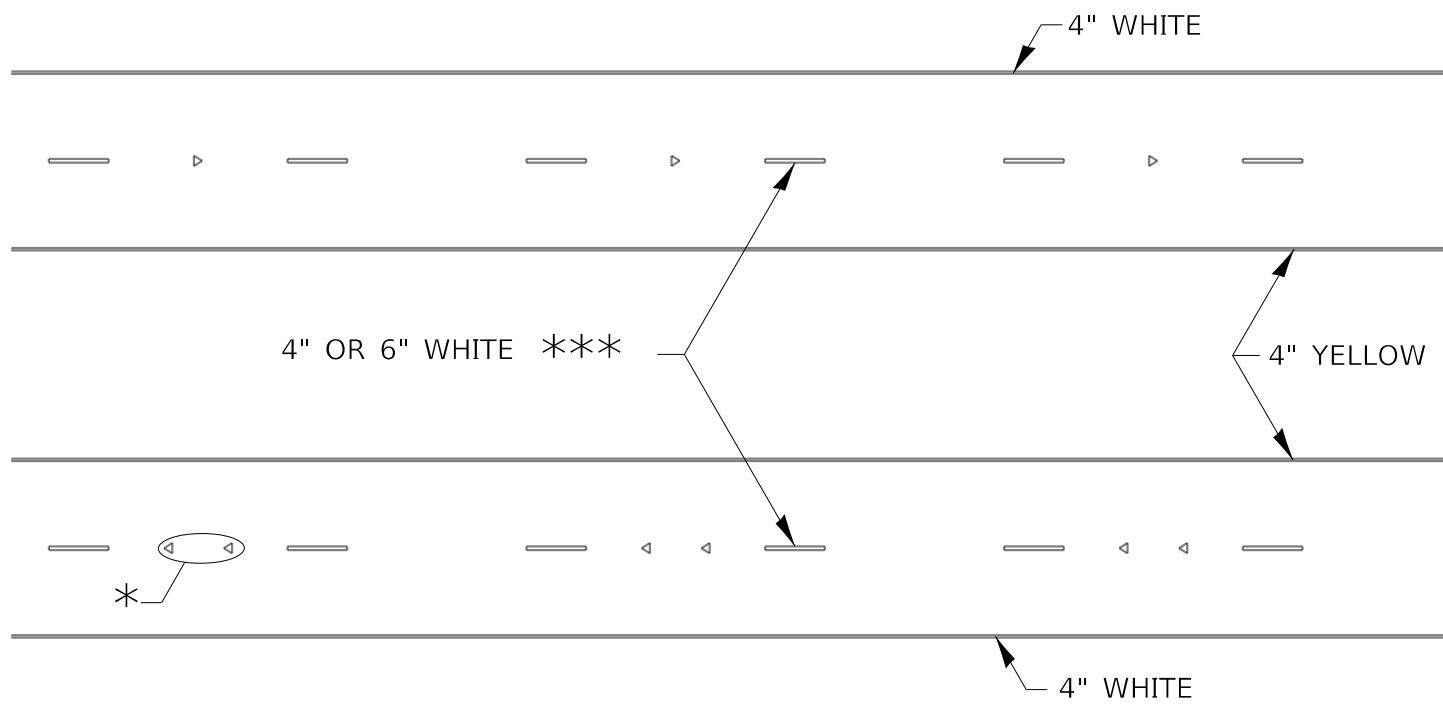
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

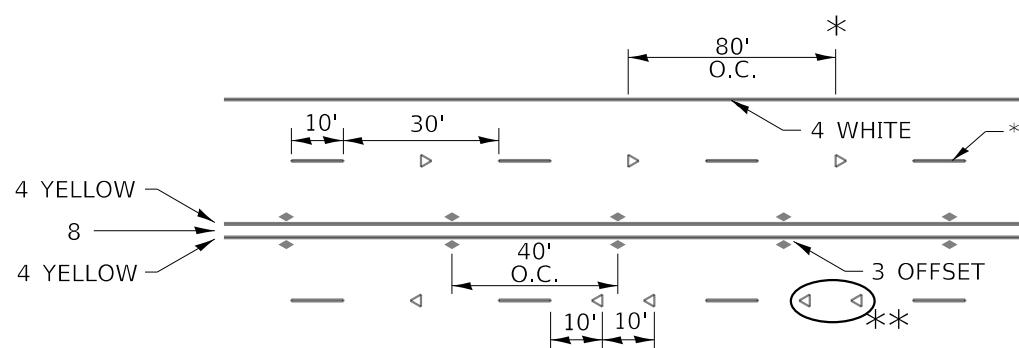
F.A.S. RTE. 55	SECTION (102,103)RS-4	COUNTY WINNEBAGO	TOTAL SHEETS 78	SHEET NO. 77
			CONTRACT NO. 64P29	ILLINOIS FED. AID PROJECT

TYPICAL PAVEMENT MARKINGS

TYPICAL PARKING SPACING



MULTI-LANE / DIVIDED



SYMBOLS

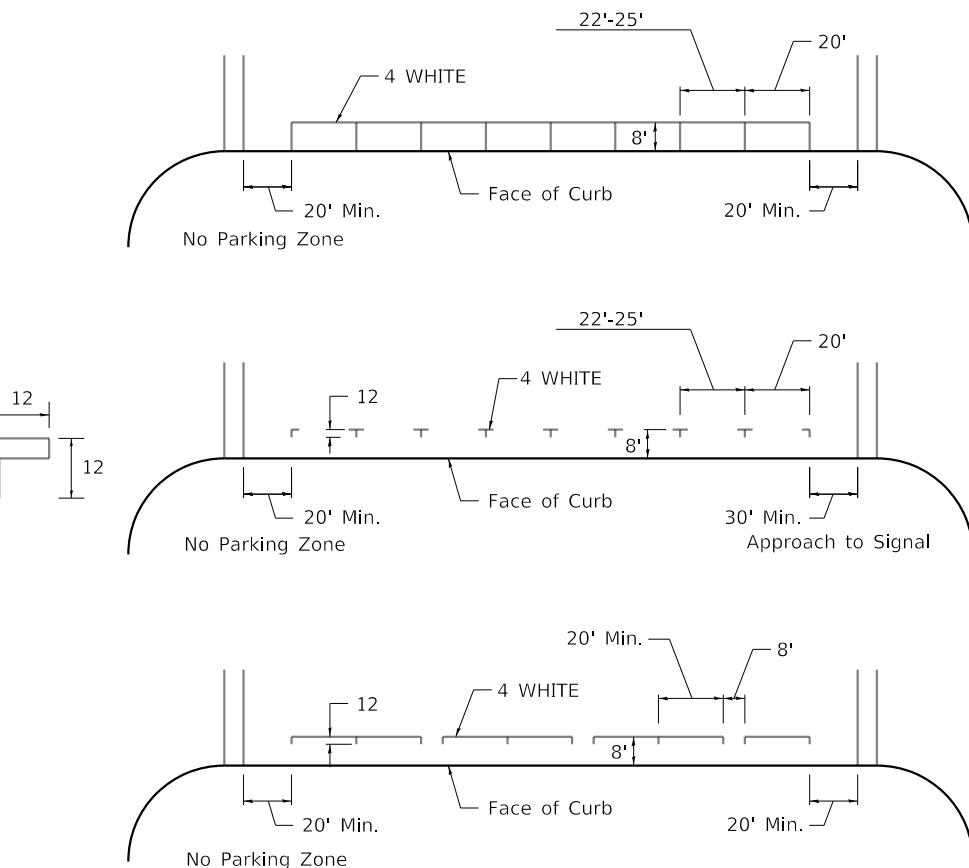
* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

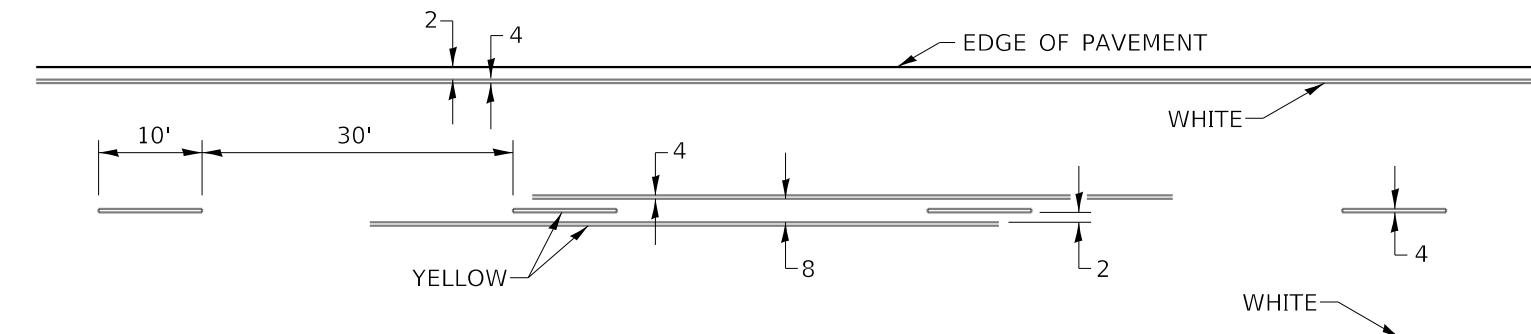
*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



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FILE NAME: pws\planroom.dot.illinois.gov\PWIDOT\Documents\District 2\Projects\64P29\Program\DRAWN\ment\Studies & Plans\Design\CADD\CAD\she	DRA	REVISED 07-29-13
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED - 11-28-12
PLOT DATE = 1/25/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

F.A.S. RTE. 55	SECTION (102,103)RS-4	COUNTY WINNEBAGO	TOTAL SHEETS 78	SHEET NO. 78
			CONTRACT NO. 64P29	ILLINOIS FED. AID PROJECT