

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	1
ILLINOIS			CONTRACT NO. 64M39	

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

PROPOSED HIGHWAY PLANS

FAP ROUTE 301 (US 20/IL 84)
SECTION 29RS-8
PROJECT NHPP-FBGR(420)
PAVEMENT RESURFACING
JO DAVIESS COUNTY

C-92-063-18

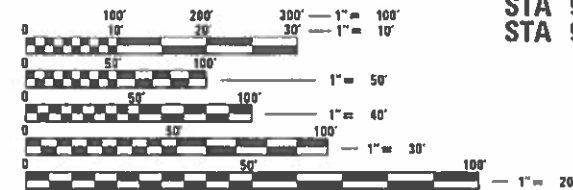
EAST GALENA TOWNSHIP 26, 31, 35, & 36
ELIZABETH TOWNSHIP 6
RICE TOWNSHIP 1



SECTION BEGINS
STA 934+44

PAVING GAP
STA 992+90 TO
STA 995+00

SECTION ENDS
STA 1153+94

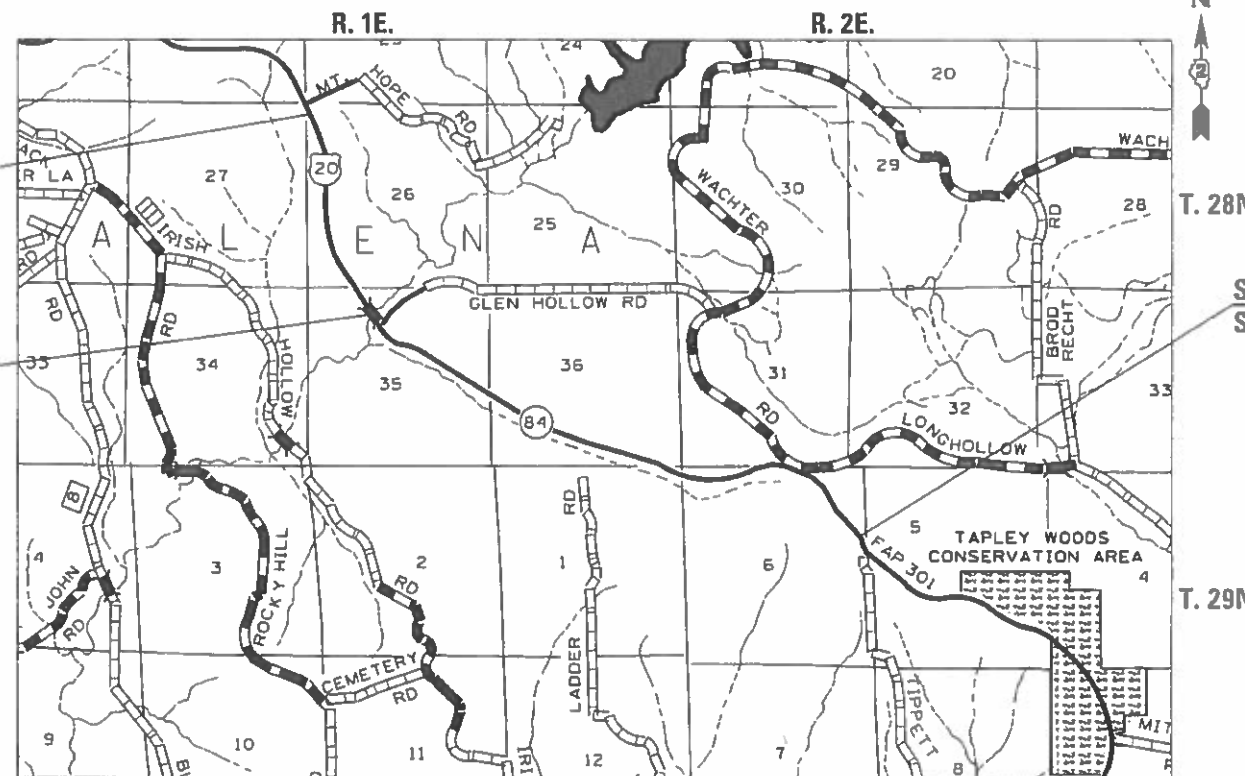


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: STEVE ROBERY
PROJECT MANAGER: ANDY LEE (815)284-5343

CONTRACT NO. 64M39



GROSS LENGTH = 21,950 FT. = 4.16 MILE
NET LENGTH = 21,740 FT. = 4.12 MILE

SQUAD ENGINEER: ANDY LEE (815)-284-5343

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 1-25-2019
March 22 2019
REGIONAL ENGINEER

March 22 2019
ENGINEER OF DESIGN AND ENVIRONMENT

Paul J. Ch...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1A. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches. This work will be included in the contract unit price per Foot for COMBBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12.

Fertilizer shall be applied to all disturbed areas and incorporated into the seedbed prior to seeding or placement of sod at the rate specified in Sections 250 and 252 of the Standard Specifications. This work shall be included in the cost of COMBBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12.

Mulch Method II shall be applied over all seeded areas. This shall be included in the cost of the COMBBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12.

All "Aggregate Subgrade Improvement" (Section 303), shall be completed in accordance with Articles 311.04, 311.05, 311.05(a), 311.06 and 311.07. All aggregate subgrade thicknesses equal to or less than 12 inches shall be constructed of aggregate of CA02 gradation. All aggregate subgrade thicknesses greater than 12 inches shall be constructed of CS02.

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.

Class C Patches shall be tied to the adjacent lane when the patches are more than 20 feet. The cost of the tie bars shall be included in the cost of the patch.

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.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1½ inches in depth in a single pass.

The following Mixture Requirements are applicable for this project:

Location(s):	Resurfacing		Shoulders
	Surface	Level Binder	Top Lift
Mixture Use(s):	PG 58-28	PG 58-28	PG 58-28
PG:	PG 58-28	PG 58-28	PG 58-28
Design Air Voids:	4.0 @ N70	4.0 @ N70	4.0 @ N70
Mixture Composition (Mixture Gradation):	IL 9.5	IL 9.5 FG	IL 9.5, or 9.5FG
Friction Aggregate:	D	N/A	C
Mixture Weight:	112 lbs/sy/in		112 lbs/sy/in
Quality Management Program:	QCP	QCP	QC / QA
Sublot Size:	1,000	1,000	N/A
Number of Roller Passes ¹⁾ :	N/A	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.

Reflective Crack Control shall be placed on the existing surface prior to any resurfacing, unless pavement is milled then it will be placed on the binder course.

Install rumble strips in all shoulders in accordance with State Standard 642006 Rumble Strips shall be placed on shoulders on both sides of the pavement.

If, during the grinding or resurfacing operations, the existing mailboxes become a hindrance, the Contractor shall be required to carefully remove and reinstall the mailboxes as directed by the Engineer. This work shall be included in the contract unit price for the INCIDENTAL HOT-MIX ASPHALT SURFACING.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

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

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. 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.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

Aggregate Base Course, Type B, is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

The Contractor shall be responsible for locating and protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123.

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

CADD data will be available to Contractors and Consultants working on this project, once this project has been awarded. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

Polymerized Bituminous Materials (Tack Coat) Rates

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb / sq ft
Existing Pavement	0.04 lb / sq ft
Fog Coat (between lifts)	0.04 lb / sq ft

FILE NAME = 64M39.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -					FAP 301 (US 20 / IL 84)	29 RS-8	Jo Daviess	76	3
	PLOT DATE = 1/23/2019 11:24 AM	CHECKED -	REVISED -		SCALE	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT
	DATE = 1/10/2019 8:46 AM	REVISED -	REVISED -									

GENERAL NOTES

Two (2) weeks prior to the placing of the Thermoplastic Pavement Marking Line, notice shall be given to Kurt Glazier at the Illinois Department of Transportation, District 2 (815/440-1833) for the moving of the No Passing Zone sign at the start of the westbound (WB) climbing lane.

Based on a structural analysis only an emptied Material Transfer Device (MTD) will be allowed over structures SN 043-0035, SN 043-1011, SN 043-1013, SN 043-1014, SN 043-1077, and SN 043-1113.

Recommended Sequence of Work:

Step 1: Perform all the Pavement Patching.

Step 2: Perform the Hot-Mix Asphalt Surface Removal 2 ¼”.

Step 3: Perform the additional 2” of Hot-Mix Asphalt Surface Removal in the areas for 4 ¼” Surface Removal.

Step 4: Place 2” of Level Binder (Machine Method) in areas that were milled for 4 ¼” Surface Removal. Note: Any areas milled 4 ¼” must have the first 2” lift of Level Binder placed and compacted on the same day prior to re-opening the lane to traffic.

Step 5: Place ¾” of Level Binder (Machine Method) on mainline.

Step 6: Place 1 ½” of Hot-Mix Asphalt Surface Course on mainline.

Step 7: Place 2 ¼” of Hot-Mix Asphalt Surface Course on shoulders.

Step 8: Place the Incidental Hot-Mix Asphalt in the remaining areas.

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	DATE = 1/10/2019 8:46 AM	REVISED -				ILLINOIS	FED. AID PROJECT				
				SCALE:	SHEET NO. OF SHEETS	STA. TO STA.					

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	RURAL	ROADWAY
			TOTAL QUANTITY	80% FED 20% STATE
				0005
30300106	AGGREGATE SUBGRADE IMPROVEMENT 6"	SQ YD	44	44
35101400	AGGREGATE BASE COURSE, TYPE B	TON	100	100
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	120,995	120,995
40600535	LEVELING BINDER (HAND METHOD), N70	TON	65	65
40600637	LEVELING BINDER (MACHINE METHOD), 1L-9.5FG, N70	TON	5,062	5,062
40600990	TEMPORARY RAMP	SQ YD	322	322
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	955	955
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	6,671	6,671
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6,571	6,571
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	427	427
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	126,216	126,216
44000166	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	SQ YD	2,860	2,860
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	25	25
44002217	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4 1/4"	SQ YD	1,400	1,400

* SPECIALTY ITEM

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SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64M39					
						ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	RURAL	ROADWAY
			TOTAL QUANTITY	80% FED 20% STATE 0005
44002232	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 8"	SQ YD	1,383	1,383
44201329	CLASS C PATCHES, TYPE II, 8 INCH	SQ YD	51	51
44201333	CLASS C PATCHES, TYPE III, 8 INCH	SQ YD	20	20
44201335	CLASS C PATCHES, TYPE IV, 8 INCH	SQ YD	54	54
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	43	43
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	60	60
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	33	33
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	4,030	4,030
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	628	628
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	25	25
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	42,413	42,413
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1

* SPECIALTY ITEM

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SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64M39					
						ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	RURAL	ROADWAY
			TOTAL QUANTITY	80% FED 20% STATE 0005
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	38,202	38,202
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3,328	3,328
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	239	239
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	79,082	79,082
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	909	909
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	569	569
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	40	40
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	2,660	2,660
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	524	524
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	473	473
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	2,416	2,416
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	120	120

* SPECIALTY ITEM

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PLOT DATE = 1/18/2019	CHECKED -	REVISED -		CONTRACT NO. 64M39										
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

SUMMARY OF QUANTITIES

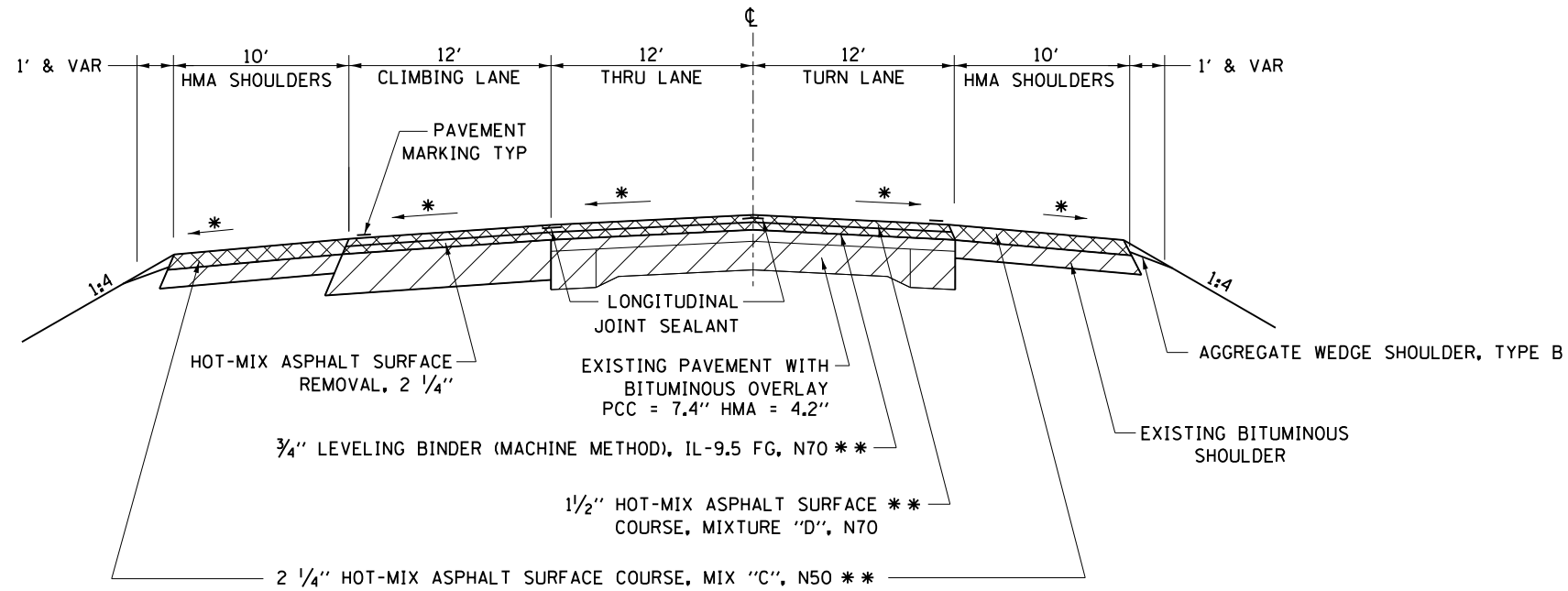
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			TOTAL QUANTITY	80% FED 20% STATE 0005
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	265	265
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	79,082	79,082
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	909	909
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	569	569
* X7830084	GROOVING FOR RECESSED PAVEMENT MARKING 19"	FOOT	36	36
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	40	40
* Z0008758	AERIAL SPEED CHECK MARKING	FOOT	36	36
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	261	261
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	36,006	36,006
Z0034105	MATERIAL TRANSFER DEVICE	TON	10,952	10,952
Z0040315	PILOT CAR	DAY	3	3

* SPECIALTY ITEM

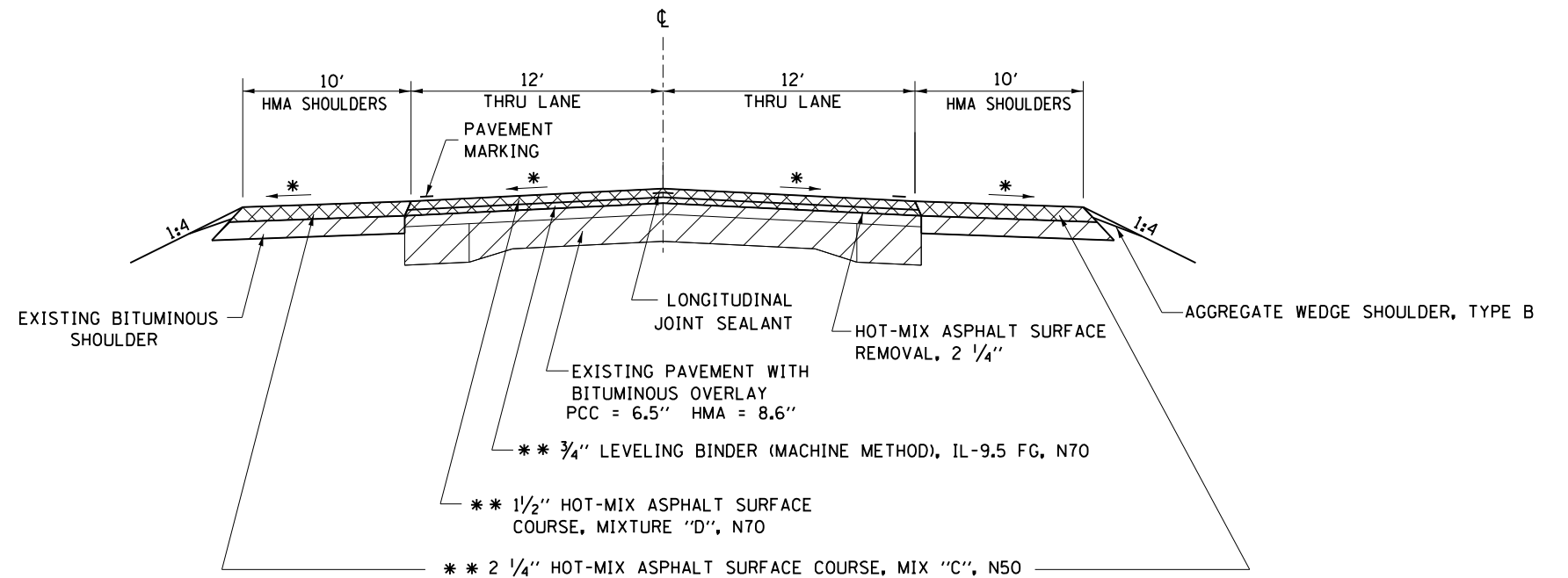
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SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64M39 ILLINOIS FED. AID PROJECT					

WEST CLIMBING LANE
STA 934+44 - 986+61



TWO LANE
STA 986+61 TO 992+90
STA 995+00 TO 1088+27



REMOVAL

EXISTING

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

** 112 LBS/SO YD/IN

USER NAME = ankneyde	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

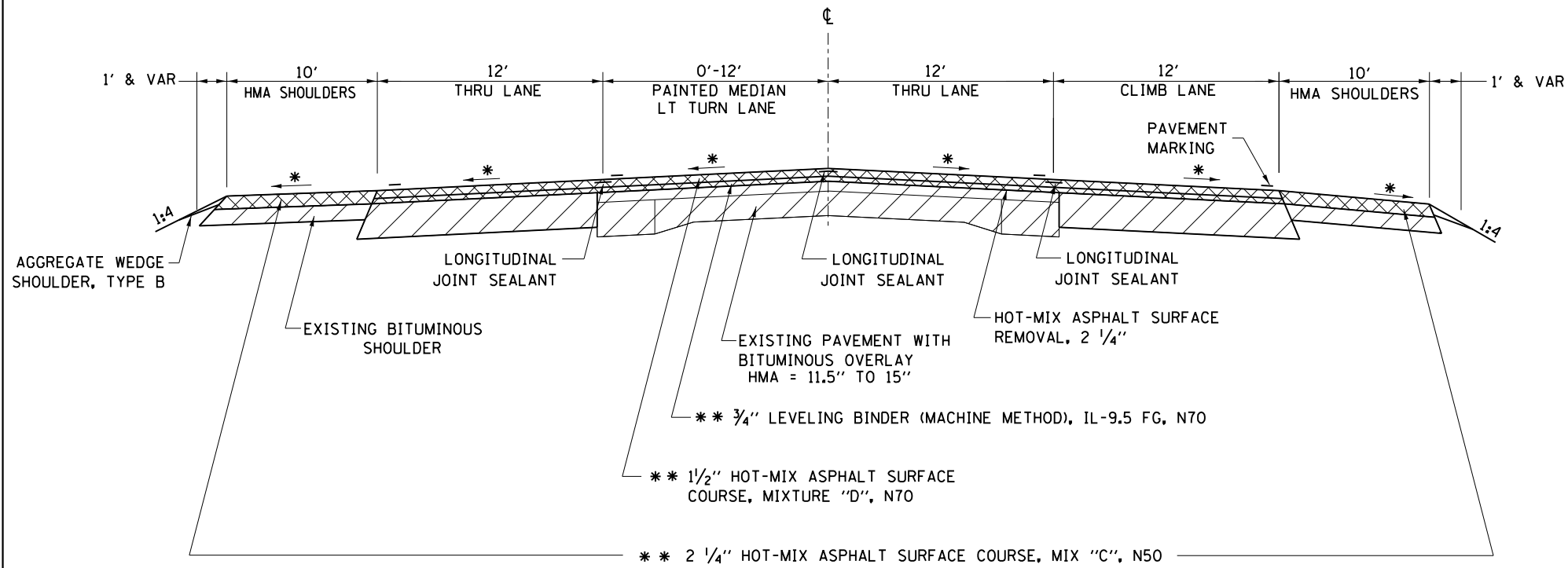
TYPICALS
US 20

SCALE: SHEET OF SHEETS STA. TO STA.

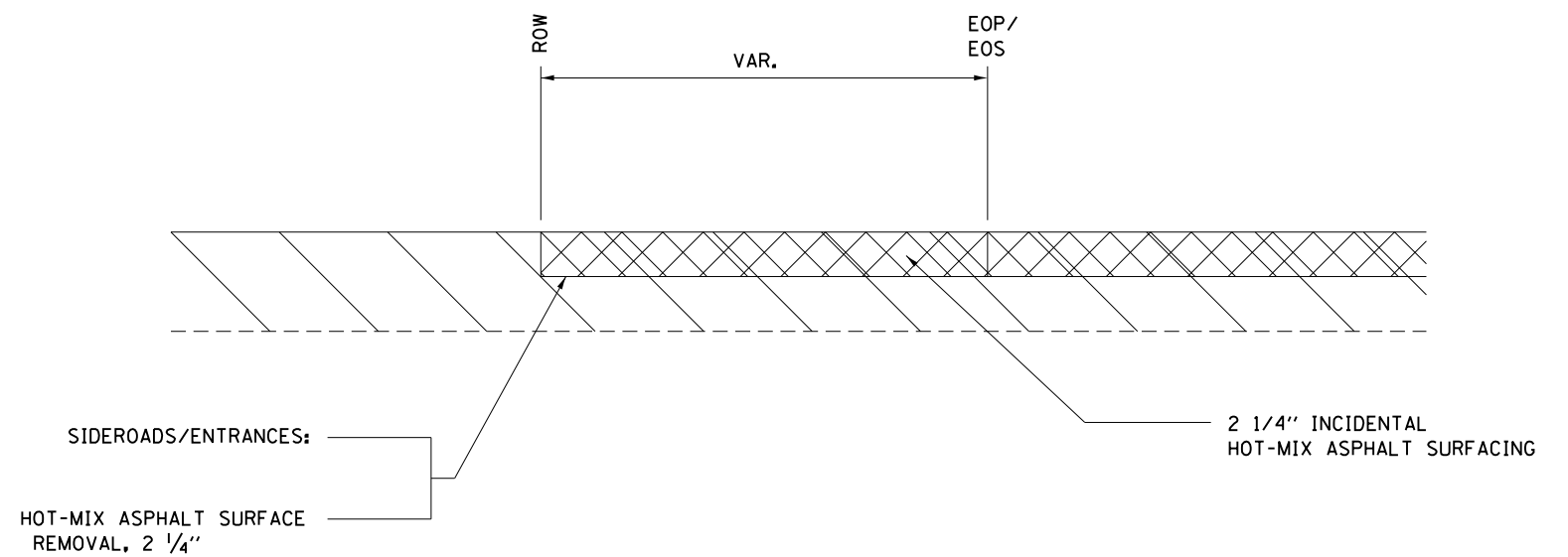
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EAST CLIMBING LANE
STA 1119+85 - 1132+49



TYPICAL MILLING @ SIDE ROADS/ENTRANCES
US 20 / IL 84



REMOVAL
 EXISTING

* MAINTAIN EXISTING CROSS SLOPE (MIN 1/8"/FT)
 ** 112 LBS/SQ YD/IN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS
US 20

SCALE: SHEET OF SHEETS STA. TO STA.

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Schedule of Quantities

30300106 AGGREGATE SUBGRADE IMPROVEMENT 6"

<u>SO YD</u>	<u>LOCATION</u>
	US 20 / IL 84
43.5	As Needed & Directed by the Resident (Aggregate Under Full-Depth Patches)
<u>43.5</u>	TOTAL

40600295 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)

<u>POUND</u>	<u>LOCATION</u>	(See General Notes for Application Rates or HMA Schedule)
	US 20 / IL 84	
221	As Needed & Directed by the Resident (Hot-Mix Asphalt Replacement Over Patches)	
<u>221</u>	TOTAL	

40600535 LEVELING BINDER (HAND METHOD), N70

<u>TON</u>	<u>LOCATION</u>
	US 20 / IL 84
65	As Needed & Directed by the Resident
<u>65</u>	TOTAL

40600637 LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70

<u>TON</u>	<u>LOCATION</u>	(See Edge of Pavement Repair - Dist Std 38.4) *Full Lane Width*
	US 20 / IL 84	
190.4	Sta 976 + 90 - 982 + 90	*West Outside Climbing Lane*
2.4	Sta 989 + 36 - 989 + 66	LT - 3' Wide E.O.P. Repair
476.0	Sta 1038 + 70 - 1053 + 70	*RT (EB) Lane*
11.9	As Needed & Directed by the Resident (E.O.P. Repair)	
<u>680.7</u>	TOTAL	

40600990 TEMPORARY RAMP

<u>SO YD</u>	<u>LOCATION</u>	(Taper Rate = 1' : 40', so L = 7.5')
	US 20 / IL 84	
46.7	Sta 934 + 44	Project Begins
35.0	Sta 992 + 90	Bridge
35.8	Sta 994 + 99	Bridge
24.2	Sta 995 + 73	Glen Hollow Rd
18.3	Sta 1065 + 48	Devils Ladder Rd
51.7	Sta 1131 + 80	Eagle Ridge Dr
36.7	Sta 1153 + 94	Project Ends
73.3	As Needed & Directed by the Resident	
<u>321.7</u>	TOTAL	

44000166 HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"

<u>SO YD</u>	<u>LOCATION</u>	(See Edge of Pavement Repair - Dist Std 38.4) *Full Lane Width*
	US 20 / IL 84	
800.0	Sta 976 + 90 - 982 + 90	*West Outside Climbing Lane*
10.0	Sta 989 + 36 - 989 + 66	LT - 3' Wide E.O.P. Repair
2,000.0	Sta 1038 + 70 - 1053 + 70	*RT (EB) Lane*
50.0	As Needed & Directed by the Resident (E.O.P. Repair)	
<u>2,860.0</u>	TOTAL	

44000500 COMBINATION CURB AND GUTTER REMOVAL

<u>FOOT</u>	<u>LOCATION</u>
	US 20 / IL 84
25	Sta 1131 + 75 LT - Curb and Gutter at Eagle Ridge Dr.
<u>25</u>	TOTAL

44300200 STRIP REFLECTIVE CRACK CONTROL TREATMENT

<u>FOOT</u>	<u>LOCATION</u>	(See Edge of Pavement Repair - Dist Std 38.4 and Typical)
	US 20 / IL 84	
30	Sta 989 + 36 - 989 + 66	LT - E.O.P. Repair
3,500	Sta 1092 + 50 - 1127 + 50	Centerline of EB Climbing Lanes
500	As Needed & Directed by the Resident (E.O.P. Repair)	
<u>4,030</u>	TOTAL	

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

<u>TON</u>	<u>LOCATION</u>	(Figured a 1' Wedge next to HMA Shoulder)
	US 20 / IL 84	
84.3	Sta 934 + 44 - 992 + 90	LT
229.3	Sta 995 + 00 - 1153 + 94	LT
84.3	Sta 934 + 44 - 992 + 90	RT
229.3	Sta 995 + 00 - 1153 + 94	RT
<u>627.2</u>	TOTAL	

60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

<u>FOOT</u>	<u>LOCATION</u>	(See Highway Standard 606001)
	US 20 / IL 84	
25	Sta 1131 + 75	LT - Curb and Gutter at Eagle Ridge Dr.
<u>25</u>	TOTAL	

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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	12
CONTRACT NO. 64M39				
		ILLINOIS	FED. AID PROJECT	

Schedule of Quantities

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

FOOT LOCATION (See Highway Standard 642006)

US 20 / IL 84			
5,748	Sta 934 + 44	- 991+ 92	LT
13,434	Sta 996 + 26	- 1130+ 60	LT
1,639	Sta 1137 + 55	- 1153+ 94	LT
5,748	Sta 934 + 44	- 991+ 92	RT
15,844	Sta 995 + 50	- 1153+ 94	RT
<u>42,413</u>	TOTAL		

SO FT. LOCATION (Surface Removal Only of Short Term)

US 20 / IL 84		Yellow
389.8	Sta 934 + 44 - 992+ 90	Double Yellow Center Line @ 2 stripes
167.0	Sta 995 + 00 - 1020+ 05	Double Yellow Center Line @ 2 stripes
1,434.8	Sta 1020 + 05 - 1127+ 66	Double Yellow Median @ 4 stripes
24.3	Sta 1127 + 66 - 1131+ 30	Double Yellow Median @ 2 stripes
61.7	Sta 1132 + 13 - 1136+ 75	Double Yellow Median @ 4 stripes
4.3	Sta 1136 + 75 - 1137+ 38	Double Yellow Median @ 2 stripes
110.5	Sta 1137 + 38 - 1153+ 94	Double Yellow Center Line @ 2 stripes
<u>2,192.5</u>	<i>Yellow Total</i>	

70300100 SHORT TERM PAVEMENT MARKING

FOOT LOCATION (4 Applications - Milled, Tack Coat, LB, Surface)
*3 Applications

US 20 / IL 84				Yellow
4,678	Sta 934 + 44	- 992+ 90	Double Yellow Center Line @ 2 stripes	
2,004	Sta 995 + 00	- 1020+ 05	Double Yellow Center Line @ 2 stripes	
17,218	Sta 1020 + 05	- 1127+ 66	Double Yellow Median @ 4 stripes	
292	Sta 1127 + 66	- 1131+ 30	Double Yellow Median @ 2 stripes	
740	Sta 1132 + 13	- 1136+ 75	Double Yellow Median @ 4 stripes	
52	Sta 1136 + 75	- 1137+ 38	Double Yellow Median @ 2 stripes	
1,326	Sta 1137 + 38	- 1153+ 94	Double Yellow Center Line @ 2 stripes	
<u>26,310</u>	<i>Yellow Total</i>			

US 20 / IL 84				White
1,966	Sta 934 + 44	- 983 + 58	Single White Passing Lane @ 1 stripe	
2,280	Sta 1090 + 91	- 1147 + 90	Single White Passing Lane @ 1 stripe	
708	Sta 934 + 44	- 992 + 90	Diagonal Shoulder Stripe LT*	
1,632	Sta 995 + 00	- 1131+ 00	Diagonal Shoulder Stripe LT*	
216	Sta 1136 + 02	- 1153+ 94	Diagonal Shoulder Stripe LT*	
708	Sta 934 + 44	- 992 + 90	Diagonal Shoulder Stripe RT*	
1,908	Sta 995 + 00	- 1153+ 94	Diagonal Shoulder Stripe RT*	
352	Eagle Ridge Dr		Stop Bar @ 4 Stripes	
288	Eagle Ridge Dr		Stop Bar @ 4 Stripes	
192	Sta 1127 + 89		LT Turn Arrow 16' @ 3 stripes	
192	Sta 1129 + 50		LT Turn Arrow 16' @ 3 stripes	
192	Sta 1131 + 10		LT Turn Arrow 16' @ 3 stripes	
144	Sta 1127 + 75	- 1131+ 29	LT Turn Lane - 1 stripe	
192	Sta 1132 + 50		RT Turn Arrow 16' @ 3 stripes	
192	Sta 1134 + 16		RT Turn Arrow 16' @ 3 stripes	
192	Sta 1135 + 83		RT Turn Arrow 16' @ 3 stripes	
154	Sta 1132 + 18	- 1136 + 02	RT Turn Lane - 1 stripe	
192	Sta 1141 + 11		Drop Arrow 16' @ 3 stripes	
192	Sta 1145 + 99		Drop Arrow 16' @ 3 stripes	
<u>11,892</u>	<i>White Total</i>			

38,202 **TOTAL**

US 20 / IL 84		White
163.8	Sta 934 + 44 - 983 + 58	Single White Passing Lane @ 1 stripe
190.0	Sta 1090 + 91 - 1147 + 90	Single White Passing Lane @ 1 stripe
78.7	Sta 934 + 44 - 992 + 90	Diagonal Shoulder Stripe LT
181.3	Sta 995 + 00 - 1131 + 00	Diagonal Shoulder Stripe LT
24.0	Sta 1136 + 02 - 1153 + 94	Diagonal Shoulder Stripe LT
78.7	Sta 934 + 44 - 992 + 90	Diagonal Shoulder Stripe RT
212.0	Sta 995 + 00 - 1153 + 94	Diagonal Shoulder Stripe RT
29.3	Eagle Ridge Dr	Stop Bar @ 4 Stripes
24.0	Eagle Ridge Dr	Stop Bar @ 4 Stripes
16.0	Sta 1127 + 89	LT Turn Arrow 16' @ 3 stripes
16.0	Sta 1129 + 50	LT Turn Arrow 16' @ 3 stripes
16.0	Sta 1131 + 10	LT Turn Arrow 16' @ 3 stripes
12.0	Sta 1127 + 75 - 1131 + 29	LT Turn Lane - 1 stripe
16.0	Sta 1132 + 50	RT Turn Arrow 16' @ 3 stripes
16.0	Sta 1134 + 16	RT Turn Arrow 16' @ 3 stripes
16.0	Sta 1135 + 83	RT Turn Arrow 16' @ 3 stripes
12.8	Sta 1132 + 18 - 1136 + 02	RT Turn Lane - 1 stripe
16.0	Sta 1141 + 11	Drop Arrow 16' @ 3 stripes
16.0	Sta 1145 + 99	Drop Arrow 16' @ 3 stripes
<u>1,134.7</u>	<i>White Total</i>	
<u>3,327.2</u>	TOTAL	

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

SO FT. LOCATION (See Pavement Marking Sheets)

US 20 / IL 84		White
15.6	Sta 1127 + 89.4	LT Turn Arrow @ Eagle Ridge Dr
15.6	Sta 1128 + 69	LT Turn Arrow @ Eagle Ridge Dr
15.6	Sta 1129 + 50.2	LT Turn Arrow @ Eagle Ridge Dr
15.6	Sta 1130 + 29.8	LT Turn Arrow @ Eagle Ridge Dr
15.6	Sta 1131 + 9.55	LT Turn Arrow @ Eagle Ridge Dr
15.6	Sta 1132 + 49.5	RT Turn Arrow @ Eagle Ridge Dr
15.6	Sta 1133 + 32.7	RT Turn Arrow @ Eagle Ridge Dr
15.6	Sta 1134 + 15.9	RT Turn Arrow @ Eagle Ridge Dr
15.6	Sta 1134 + 99.1	RT Turn Arrow @ Eagle Ridge Dr
15.6	Sta 1135 + 82.6	RT Turn Arrow @ Eagle Ridge Dr
41.5	Sta 1141 + 11.2	Lane Drop Arrow
41.5	Sta 1145 + 98.6	Lane Drop Arrow
<u>239.0</u>	TOTAL	

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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	13
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				

Schedule of Quantities

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

FOOT	LOCATION			
		(See Pavement Marking Sheets)		
		*Turkey Tracks are required per Roadside Safety Assessment		
	US 20 / IL 84			White
6,095	Sta 934 + 44	-	995 + 39	LT - EOP
24	Sta 995 + 39	-	996 + 08	*Turkey Tracks @ EOP along Glen Hollow Rd.
13,463	Sta 996 + 08	-	1130 + 71	LT - EOP
2,144	Sta 1132 + 50	-	1153 + 94	LT - EOP
13,063	Sta 934 + 44	-	1065 + 07	RT - EOP
8,800	Sta 1065 + 94	-	1153 + 94	RT - EOP
43,589	<i>White Total</i>			

	US 20 / IL 84			Yellow
10,432	Sta 934 + 44	-	986 + 60	Double Yellow No Pass
1,004	Sta 986 + 60	-	994 + 63	No Pass RT & Skip Dash
808	Sta 994 + 63	-	998 + 67	Double Yellow Center Line
1,332	Sta 998 + 67	-	1009 + 29	No Pass LT & Skip Dash
1,050	Sta 1009 + 29	-	1051 + 22	Skip Dash
1,291	Sta 1051 + 22	-	1061 + 53	No Pass RT & Skip Dash
2,952	Sta 1061 + 53	-	1076 + 29	Double Yellow Center Line
1,828	Sta 1076 + 29	-	1090 + 91	No Pass LT & Skip Dash
5,828	Sta 1090 + 91	-	1120 + 05	Double Yellow Center Line
110	Sta 1120 + 05	-	1120 + 60	Median - 2 Lines
2,824	Sta 1120 + 60	-	1127 + 66	Median - 4 Lines
728	Sta 1127 + 66	-	1131 + 30	Median - 2 Lines
1,868	Sta 1132 + 13	-	1136 + 75	Median - 4 Lines
126	Sta 1136 + 75	-	1137 + 38	Median - 2 Lines
3,312	Sta 1137 + 38	-	1153 + 94	Double Yellow Center Line
35,493	<i>Yellow Total</i>			

79,082 TOTAL

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

FOOT	LOCATION			
		(See Pavement Marking Sheets & Dist Std 41.1)		
	US 20 / IL 84			White
40	Sta 1126 + 56	-	1127 + 75	LT Turn Lane @ Eagle Ridge Dr, Skip Dashed
354	Sta 1127 + 75	-	1131 + 29	LT Turn Lane @ Eagle Ridge Dr, Line
384	Sta 1132 + 18	-	1136 + 02	RT Turn Lane @ Eagle Ridge Dr, Line
60	Sta 1136 + 02	-	1137 + 81	RT Turn Lane @ Eagle Ridge Dr, Skip Dashed
71	Sta 1131 + 34	-	1131 + 62	Painted Island @ Eagle Ridge Dr
909	TOTAL			

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

FOOT	LOCATION			
		(See Pavement Marking Sheets)		
	US 20 / IL 84			Yellow
303	Sta 1120 + 28	-	1127 + 75	Diagonals for Median @ Eagle Ridge Dr
210	Sta 1132 + 13	-	1137 + 36	Diagonals for Median @ Eagle Ridge Dr
513	<i>Yellow Total</i>			
	US 20 / IL 84			White
56	Sta 1131 + 34	-	1131 + 62	Diagonals for Island @ Eagle Ridge Dr
56	<i>White Total</i>			
569	TOTAL			

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

FOOT	LOCATION			
		(See Pavement Marking Sheets)		
	US 20 / IL 84			White
22	Sta 1131 + 32			Stop Bars - Eagle Ridge Dr
18	Sta 1131 + 58			Stop Bars - Eagle Ridge Dr
40	TOTAL			

78004230 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"

FOOT	LOCATION			
		(See Pavement Marking Sheets)		
	US 20 / IL 84			White
1,230	Sta 934 + 44	-	983 + 58	Skip Dashes - West Climbing Lane - LT
1,430	Sta 1090 + 90	-	1147 + 90	Skip Dashes - East Climbing Lane - RT
2,660	TOTAL			

78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION			
		(See Standard 781001 and Dist Std 41.1)		
				<i>Two-Way Amber</i>
	US 20 / IL 84			
74	Sta 934 + 44	-	992 + 90	Center Line - 1 @ 80' o.c.
158	Sta 995 + 00	-	1120 + 05	Center Line - 1 @ 80' o.c.
38	Sta 1120 + 23	-	1127 + 42	Striped Median - 2 @ 40' o.c.
19	Sta 1127 + 75	-	1131 + 30	Striped Median RT - 1 @ 20' o.c.
10	Sta 1127 + 75	-	1131 + 30	Striped Median LT - 1 @ 40' o.c.
30	Sta 1132 + 13	-	1137 + 74	Striped Median - 2 @ 40' o.c.
21	Sta 1137 + 92	-	1153 + 94	Center Line - 1 @ 80' o.c.
350	<i>Sub-Total</i>			
				<i>One-Way Crystal</i>
	US 20 / IL 84			
62	Sta 934 + 44	-	983 + 56	West Climbing Lane - 1 @ 80' o.c.
72	Sta 1090 + 91	-	1147 + 93	East Climbing Lane - 1 @ 80' o.c.
19	Sta 1127 + 70	-	1131 + 30	LT Turn Lane - 1 @ 20' o.c.
21	Sta 1132 + 18	-	1136 + 02	RT Turn Lane - 1 @ 20' o.c.
174	<i>Sub-Total</i>			
524	TOTAL			

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

EACH	LOCATION			
		(See Pavement Marking Sheets)		
	US 20 / IL 84			
123	Sta 934 + 44	-	992 + 90	
350	Sta 995 + 00	-	1153 + 94	
473	TOTAL			

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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	14
			CONTRACT NO. 64M39	
		ILLINOIS	FED. AID PROJECT	

Schedule of Quantities

SO YD LOCATION (See Written Special Provision for Joint Trimming)

US 20 / IL 84				
324.8	Sta	934 + 44	- 992 + 90	LT Edge
883.0	Sta	995 + 00	- 1153 + 94	LT Edge
324.8	Sta	934 + 44	- 992 + 90	RT Edge
883.0	Sta	995 + 00	- 1153 + 94	RT Edge
2,415.6	TOTAL			

X7830060 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS

SO FT LOCATION (See Pavement Marking Sheets)

US 20 / IL 84 White				
17.3	Sta	1127 + 89.4	LT Turn Arrow @ Eagle Ridge Dr	
17.3	Sta	1128 + 69	LT Turn Arrow @ Eagle Ridge Dr	
17.3	Sta	1129 + 50.2	LT Turn Arrow @ Eagle Ridge Dr	
17.3	Sta	1130 + 29.8	LT Turn Arrow @ Eagle Ridge Dr	
17.3	Sta	1131 + 9.55	LT Turn Arrow @ Eagle Ridge Dr	
17.3	Sta	1132 + 49.5	RT Turn Arrow @ Eagle Ridge Dr	
17.3	Sta	1133 + 32.7	RT Turn Arrow @ Eagle Ridge Dr	
17.3	Sta	1134 + 15.9	RT Turn Arrow @ Eagle Ridge Dr	
17.3	Sta	1134 + 99.1	RT Turn Arrow @ Eagle Ridge Dr	
17.3	Sta	1135 + 82.6	RT Turn Arrow @ Eagle Ridge Dr	
45.6	Sta	1141 + 11.2	Lane Drop Arrow	
45.6	Sta	1145 + 98.6	Lane Drop Arrow	
264.2	TOTAL			

X7830070 GROOVING FOR RECESSED PAVEMENT MARKING 5"

FOOT LOCATION (See Pavement Marking Sheets)
*Turkey Tracks are required per Roadside Safety Assessment

US 20 / IL 84 White				
6,095	Sta	934 + 44	- 995 + 39	LT - EOP
24	Sta	995 + 39	- 996 + 08	*Turkey Tracks @ EOP along Glen Hollow Rd.
13,463	Sta	996 + 08	- 1130 + 71	LT - EOP
2,144	Sta	1132 + 50	- 1153 + 94	LT - EOP
13,063	Sta	934 + 44	- 1065 + 07	RT - EOP
8,800	Sta	1065 + 94	- 1153 + 94	RT - EOP
43,589	White Total			

US 20 / IL 84 Yellow				
10,432	Sta	934 + 44	- 986 + 60	Double Yellow No Pass
1,004	Sta	986 + 60	- 994 + 63	No Pass RT & Skip Dash
808	Sta	994 + 63	- 998 + 67	Double Yellow Center Line
1,332	Sta	998 + 67	- 1009 + 29	No Pass LT & Skip Dash
1,050	Sta	1009 + 29	- 1051 + 22	Skip Dash
1,291	Sta	1051 + 22	- 1061 + 53	No Pass RT & Skip Dash
2,952	Sta	1061 + 53	- 1076 + 29	Double Yellow Center Line
1,828	Sta	1076 + 29	- 1090 + 91	No Pass LT & Skip Dash
5,828	Sta	1090 + 91	- 1120 + 05	Double Yellow Center Line
110	Sta	1120 + 05	- 1120 + 60	Median - 2 Lines
2,824	Sta	1120 + 60	- 1127 + 66	Median - 4 Lines
728	Sta	1127 + 66	- 1131 + 30	Median - 2 Lines
1,868	Sta	1132 + 13	- 1136 + 75	Median - 4 Lines
126	Sta	1136 + 75	- 1137 + 38	Median - 2 Lines
3,312	Sta	1137 + 38	- 1153 + 94	Double Yellow Center Line
35,493	Yellow Total			

79,082 TOTAL

X7830076 GROOVING FOR RECESSED PAVEMENT MARKING 9"

FOOT LOCATION (See Pavement Marking Sheets & Dist Std 41.1)

US 20 / IL 84 White				
40	Sta	1126 + 56	- 1127 + 75	LT Turn Lane @ Eagle Ridge Dr, Skip Dashed
354	Sta	1127 + 75	- 1131 + 29	LT Turn Lane @ Eagle Ridge Dr
384	Sta	1132 + 18	- 1136 + 02	RT Turn Lane @ Eagle Ridge Dr
60	Sta	1136 + 02	- 1137 + 81	RT Turn Lane @ Eagle Ridge Dr, Skip Dashed
71	Sta	1131 + 34	- 1131 + 62	Painted Island @ Eagle Ridge Dr
909	TOTAL			

X7830078 GROOVING FOR RECESSED PAVEMENT MARKING 13"

FOOT LOCATION (See Pavement Marking Sheets)

US 20 / IL 84 Yellow				
303	Sta	1120 + 28	- 1127 + 75	Diagonals for Median @ Eagle Ridge Dr
210	Sta	1132 + 13	- 1137 + 36	Diagonals for Median @ Eagle Ridge Dr
513	Yellow Total			
US 20 / IL 84 White				
56	Sta	1131 + 34	- 1131 + 62	Diagonals for Island @ Eagle Ridge Dr
56	White Total			
569	TOTAL			

X7830084 GROOVING FOR RECESSED PAVEMENT MARKING 19"

FOOT LOCATION (See Dist Std 46.4)

US 20 / IL 84 White				
12	Sta	1038 + 27	Aerial Speed Check Zone Stripes	
12	Sta	1044 + 87	Aerial Speed Check Zone Stripes	
12	Sta	1051 + 47	Aerial Speed Check Zone Stripes	
36	TOTAL			

X7830090 GROOVING FOR RECESSED PAVEMENT MARKING 25"

FOOT LOCATION (See Pavement Marking Sheets)

US 20 / IL 84 White				
22	Sta	1131 + 32	Stop Bars - Eagle Ridge Dr	
18	Sta	1131 + 58	Stop Bars - Eagle Ridge Dr	
40	TOTAL			

Z0008758 AERIAL SPEED CHECK MARKING

FOOT LOCATION (See Dist Std 46.4)

US 20 / IL 84 White				
12	Sta	1038 + 27	Aerial Speed Check Zone Stripes	
12	Sta	1044 + 87	Aerial Speed Check Zone Stripes	
12	Sta	1051 + 47	Aerial Speed Check Zone Stripes	
36	TOTAL			

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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	15
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				

Schedule of Quantities

Z0028415 GEOTECHNICAL REINFORCEMENT

<u>SO YD</u>	<u>LOCATION</u>	(See Written Special Provision and Dist Std 97.4)
	US 20 / IL 84	
307	As Needed & Directed by the Resident (Under Aggregate of Full-Depth Patches)	
307	TOTAL	

Z0033700 LONGITUDINAL JOINT SEALANT

<u>FOOT</u>	<u>LOCATION</u>	(See Special Provision)
		*Place under the Surface Lift
	US 20 / IL 84	
10,894	Sta 934 + 44 - 988 + 91	Center Line & Climbing Lane
399	Sta 988 + 91 - 992 + 90	Center Line
9,327	Sta 995 + 00 - 1088 + 27	Center Line
6,316	Sta 1088 + 27 - 1119 + 85	Center Line & Climbing Lane
3,792	Sta 1119 + 85 - 1132 + 49	Center Line, Climbing Lane, & Median
2,264	Sta 1132 + 49 - 1138 + 15	Center Line, Climbing Lane, Median, & Turn Lane
2,870	Sta 1138 + 15 - 1152 + 50	Center Line & Climbing Lane
144	Sta 1152 + 50 - 1153 + 94	Center Line
36,006	TOTAL	

Z0034105 MATERIAL TRANSFER DEVICE

<u>TON</u>	<u>LOCATION</u>	(See Special Provisions)
	US 20 / IL 84	
4,381	As Directed by the Resident (LB (MM), IL-9.5FG, N70)	
6,571	As Directed by the Resident (HMA Surface Course, Mix "D", N70)	
10,952	TOTAL	

Z0040315 PILOT CAR

<u>DAY</u>	<u>LOCATION</u>	(See Special Provisions)
	US 20 / IL 84	
3	As Needed & Directed by the Resident	
3	TOTAL	

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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	16
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				

HMA SCHEDULE

40600295 ***40600637*** ***40603310*** ***40603340*** ***40800050*** 44000158

Location	Remarks	Length	Proposed Surface		Polymerized Bituminous Materials (Tack Coat)	Leveling Binder, (Machine Method), IL-9.5FG, N70	Hot-Mix Asphalt Surface Course, Mix "C", N50	Hot-Mix Asphalt Surface Course, Mix "D", N70	Incidental Hot-Mix Asphalt Surfacing	Hot-Mix Asphalt Surface Removal, 2 1/4"
			Feet	Width(Ft)	Sq Yd	*Pound*	*Ton*	Ton	*Ton*	Ton
US 20 / IL 84										
Sta 934 + 44 - 959 + 29	Start Project	2,485	36	9,940.0	11,033.4	572.1		858.2		9,940.0
Sta 959 + 29 - 984 + 29	West Climbing	2,500	36	10,000.0	11,100.0	575.6		863.3		10,000.0
Sta 984 + 29 - 986 + 61	Transition to 2 Lane	232	36 - 24	773.3	863.0	44.7		67.1		773.3
Sta 986 + 61 - 992 + 90	Two Lane	629	24	1,677.3	1,887.0	97.8		146.8		1,677.3
Sta 992 + 90 - 995 + 00	Paving Gap (Bridge)	210	24							
Sta 995 + 00 - 1026 + 27	Two Lane	3,127	24	8,338.7	9,381.0	486.4		729.6		8,338.7
Sta 1026 + 27- 1057 + 27	Two Lane	3,100	24	8,266.7	9,300.0	482.2		723.3		8,266.7
Sta 1057 + 27- 1088 + 27	Two Lane	3,100	24	8,266.7	9,300.0	482.2		723.3		8,266.7
Sta 1088 + 27- 1091 + 16	Transition to 3 Lane	289	24 - 36	984.5	1,098.0	56.9		85.4		984.5
Sta 1091 + 16- 1119 + 85	East Climbing	2,869	36	11,476.0	12,738.4	660.5		990.8		11,476.0
Sta 1119 + 85- 1123 + 04	Transition to LT Turn	319	36 - 50	1,534.2	1,695.3	87.9		131.9		1,534.2
Sta 1123 + 04- 1132 + 49	Median / LT Turn	945	50	5,250.0	5,783.4	299.9		449.8		5,250.0
Sta 1132 + 49- 1135 + 92	Median & RT Turn	343	62	2,362.9	2,593.1	134.5		201.7		2,362.9
Sta 1135 + 92- 1138 + 15	Transition to 3 Lane	223	62 - 36	1,070.5	1,182.9	61.3		92.0		1,070.5
Sta 1138 + 15- 1148 + 29	East Climbing	1,014	36	4,056.0	4,502.2	233.4		350.2		4,056.0
Sta 1148 + 29- 1152 + 50	Transition to 2 Lane	421	36 - 24	1,419.7	1,583.8	82.1		123.2		1,419.7
Sta 1152 + 50- 1153 + 94	End Project	144	24	384.0	432.0	22.4		33.6		384.0
Shoulders										
Sta 934 + 44 - 990 + 73	Shoulders LT	5,629	10	6,254.4	4,503.2		875.6			6,254.4
Sta 990 + 73 - 992 + 90	Shoulders LT	217	10 & Var	155.7	112.1		21.8			155.7
Sta 992 + 90 - 995 + 00	Paving Gap (Bridge)	210								
Sta 995 + 00 - 996 + 05	Shoulders LT	105	10 & Var	78.8	56.7		11.0			78.8
Sta 996 + 05 - 1131 + 02	Shoulders LT	13,497	10	14,996.7	10,797.6		2,099.5			14,996.7
Sta 1132 + 50- 1137 + 81	Shoulders LT	531	10 & Var	307.7	221.5		43.1			307.7
Sta 1137 + 81- 1153 + 94	Shoulders LT	1,613	10	1,792.2	1,290.4		250.9			1,792.2
Sta 934 + 44 - 990 + 00	Shoulders RT	5,556	10	6,173.3	4,444.8		864.3			6,173.3
Sta 990 + 00 - 992 + 90	Shoulders RT	290	10 & Var	291.2	209.7		40.8			291.2
Sta 992 + 90 - 995 + 00	Paving Gap (Bridge)	210								
Sta 995 + 00 - 997 + 17	Shoulders RT	217	10 & Var	175.3	126.2		24.5			175.3
Sta 997 + 17 - 1153 + 94	Shoulders RT	15,677	10	17,418.9	12,541.6		2,438.6			17,418.9
Side Roads										
Sta 995 + 75 LT	Glen Hollow Rd	30	29	141.8	102.1			21.8		141.8
Sta 1065 + 50 RT	Devils Ladder Rd	65	20	207.7	149.5			32.0		207.7
Sta 1131 + 80 LT	Eagle Ridge Dr	30	60	512.7	369.1			79.0		512.7
Totals				124,306.9	119,398.5	4,380.1	6,670.2	6,570.1	132.8	124,306.9

*Quantities are Figured 6" Wider on Each Edge Side to Account for Joint Trimming (Mainline HMA Surface & LB and Tack Coat)
 **Polymerized Bituminous Materials (Tack Coat) Rate of Application = 0.04 Lb / Sq Ft on Existing HMA/Between Lifts, 0.08 Lb / Sq F Milled
 ***Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in

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USER NAME = ankneyde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	301	29RS-8	JODAVIESS	76	17
PLOT DATE = 1/18/2019	DATE -	REVISED -		CONTRACT NO. 64M39										
											ILLINOIS	FED. AID PROJECT		

PARTIAL DEPTH PAVEMENT PATCHING (WEST CLIMBING LANE)

12 FEET LANE WIDTH

STATION	REMARKS	LENGTH OF PATCH			AREA OF PATCHES (CLASS C PATCHES)									HOT-MIX ASPHALT REMOVAL OVER PATCHES - 4.25"			HOT-MIX ASPHALT REPLACEMENT OVER PATCHES		
		CLIMBING FEET	LT LANE FEET	RT LANE FEET	TYPE 2			TYPE 3			TYPE 4			CLIMBING SQ YD	LT LANE SQ YD	RT LANE SQ YD	CLIMBING SQ YD	LT LANE SQ YD	RT LANE TON
					CLIMBING SQ YD	LT LANE SQ YD	RT LANE SQ YD	CLIMBING SQ YD	LT LANE SQ YD	RT LANE SQ YD	CLIMBING SQ YD	LT LANE SQ YD	RT LANE SQ YD						
US 20 / IL 84																			
934+44	START OF PROJECT																		
935+25		6	6		8.0	8.0								9.3	9.3		2.2	2.2	
935+33				6			8.0								9.3				2.2
936+60		6	6		8.0	8.0								9.3	9.3		2.2	2.2	
938+76		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	2.2	2.2	2.2
939+86		20										26.7		28.0			6.7		
940+46		10			13.3									14.7			3.5		
940+84		6	6		8.0	8.0								9.3	9.3		2.2	2.2	
941+37		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	2.2	2.2	2.2
942+31		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	2.2	2.2	2.2
943+28		25	10			13.3						33.3		34.7	14.7		8.3	3.5	
944+49		6			8.0									9.3			2.2		
945+25		25										33.3		34.7			8.3		
945+94		6			8.0									9.3			2.2		
947+44		6			8.0									9.3			2.2		
947+94		6	6		8.0	8.0								9.3	9.3		2.2	2.2	
948+83		25	6	6		8.0	8.0					33.3		34.7	9.3	9.3	8.3	2.2	2.2
949+83				6			8.0									9.3			2.2
950+02		25	25									33.3	33.3	34.7	34.7		8.3	8.3	
952+06		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	2.2	2.2	2.2
952+71		6	6		8.0	8.0								9.3	9.3		2.2	2.2	
953+62		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	2.2	2.2	2.2
954+01		15	6	6		8.0	8.0	20.0						21.3	9.3	9.3	5.1	2.2	2.2
954+46		15	6	6		8.0	8.0	20.0						21.3	9.3	9.3	5.1	2.2	2.2
955+18		6			8.0									9.3			2.2		
955+29			6			8.0									9.3			2.2	
955+45		6			8.0									9.3			2.2		
956+38		30										40.0		41.3			9.8		
958+49		6			8.0									9.3			2.2		
958+79		10			13.3									14.7			3.5		
959+38		25	6	6		8.0	8.0					33.3		34.7	9.3	9.3	8.3	2.2	2.2
960+36		40	10			13.3								54.7	14.7		13.0	3.5	
961+19		6	6		8.0	8.0								9.3	9.3		2.2	2.2	
961+73			6			8.0									9.3			2.2	
961+92		10			13.3									14.7			3.5		
962+36			6	6		8.0	8.0								9.3	9.3		2.2	2.2
963+05			6			8.0									9.3			2.2	
963+88			6	6		8.0	8.0								9.3	9.3		2.2	2.2
964+39		20	6	6		8.0	8.0					26.7		28.0	9.3	9.3	6.7	2.2	2.2
965+84		6	6		8.0	8.0								9.3	9.3		2.2	2.2	
966+84		6			8.0									9.3			2.2		
967+49		40	6	6		8.0	8.0					53.3		54.7	9.3	9.3	13.0	2.2	2.2
968+14		20	6	6		8.0	8.0					26.7		28.0	9.3	9.3	6.7	2.2	2.2
968+65		6	6		8.0	8.0								9.3	9.3		2.2	2.2	
969+38		6			8.0									9.3			2.2		
969+94		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	2.2	2.2	2.2
970+53				6			8.0									9.3			2.2
971+40				6			8.0									9.3			2.2
972+12				6			8.0									9.3			2.2
974+24				6			8.0									9.3			2.2
975+54				6			8.0									9.3			2.2
976+53				6			8.0									9.3			2.2
977+19				6			8.0									9.3			2.2
978+53				20									26.7			28.0			6.7
TOTAL - PAGE 1					216.0	234.7	192.0	40.0	0.0	0.0	393.3	33.3	26.7	700.0	306.7	252.0	166.6	73.0	60.0

*Patches were eliminated due to the HMA Surface Removal 4.25"

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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PARTIAL DEPTH PAVEMENT PATCHING
(WEST CLIMBING LANE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	19
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				

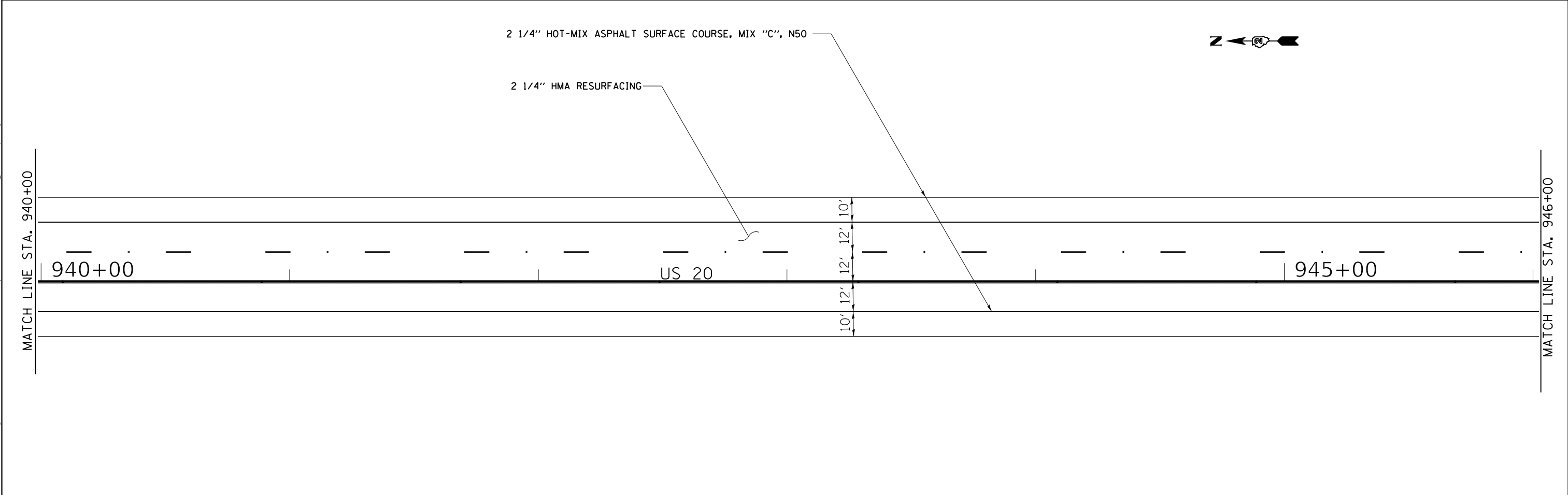
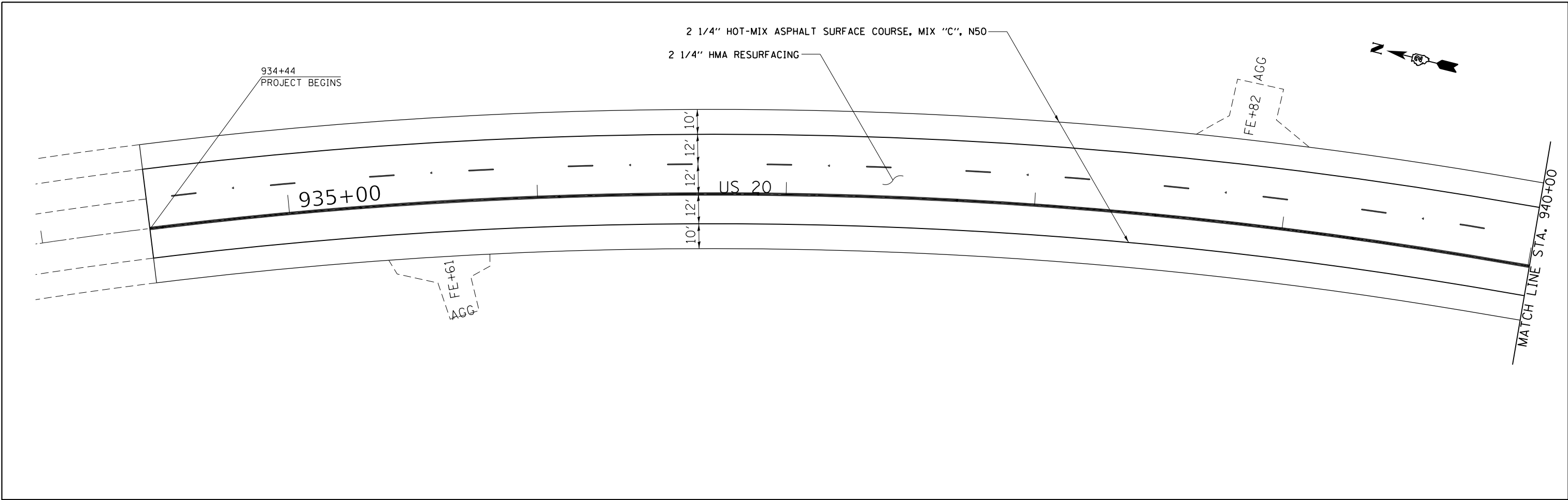
PARTIAL DEPTH PAVEMENT PATCHING (EAST CLIMBING LANE)

12 FEET LANE WIDTH

STATION	REMARKS	LENGTH OF PATCH			AREA OF PATCHES (CLASS D PATCHES)									HOT-MIX ASPHALT REMOVAL OVER PATCHES - 8"			HOT-MIX ASPHALT REPLACEMENT OVER PATCHES		
		LT LANE FEET	RT LANE FEET	CLIMBING FEET	44201717			44201721			44201723			LT LANE SQ YD	RT LANE SQ YD	CLIMBING SQ YD	LT LANE SQ YD	RT LANE SQ YD	CLIMBING TON
					TYPE 2	TYPE 3	TYPE 4	TYPE 2	TYPE 3	TYPE 4	TYPE 2	TYPE 3	TYPE 4						
US 20 / IL 84																			
1088+26	START OF EB CLIMBING																		
1092+06		15	15	15				20.0	20.0	20.0				21.3	21.3	21.3	9.6	9.6	9.6
1093+58		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1094+15		25									33.3			34.7			15.5		
1094+46		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1097+23		6	10		8.0	13.3								9.3	14.7		4.2	6.6	
1098+62			6	6			8.0								9.3	9.3	9.3	4.2	4.2
1099+71		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1100+71				6			8.0									9.3			4.2
1102+01		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1105+16			6	6			8.0								9.3	9.3		4.2	4.2
1105+90				10			13.3									14.7			6.6
1106+54			6	6			8.0								9.3	9.3		4.2	4.2
1111+76				6			8.0									9.3			4.2
1114+28		6			8.0									9.3			4.2		
1115+34		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1116+52		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1119+84		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1120+89		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1121+32			6				8.0								9.3			4.2	
1123+17				6			8.0									9.3			4.2
1124+01			6	6			8.0								9.3	9.3		4.2	4.2
1127+15				6			8.0									9.3			4.2
1132+84		6	6		8.0	8.0								9.3	9.3		4.2	4.2	
1136+01		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1137+08		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1137+59			6	6			8.0								9.3	9.3		4.2	4.2
1138+02			6	6			8.0								9.3	9.3		4.2	4.2
1139+16		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1140+21		6	6		8.0	8.0								9.3	9.3		4.2	4.2	
1141+86		6			8.0									9.3			4.2		
1147+96		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1148+78		6			8.0									9.3			4.2		
1149+19				6			8.0									9.3			4.2
1152+51		6	6	6	8.0	8.0	8.0							9.3	9.3	9.3	4.2	4.2	4.2
1153+74			6				8.0								9.3			4.2	
1154+42	END OF PROJECT																		
LANE TOTALS					152.0	197.3	205.3	20.0	20.0	20.0	33.3	0.0	0.0	233.3	250.7	260.0	104.5	112.3	116.5
TOTAL						554.7			60.0		33.3			744.0			333.3		
TOTAL FULL DEPTH (5%)						42.6			60.0		33.0			744.0			333.3		

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PLOT DATE = 1/18/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



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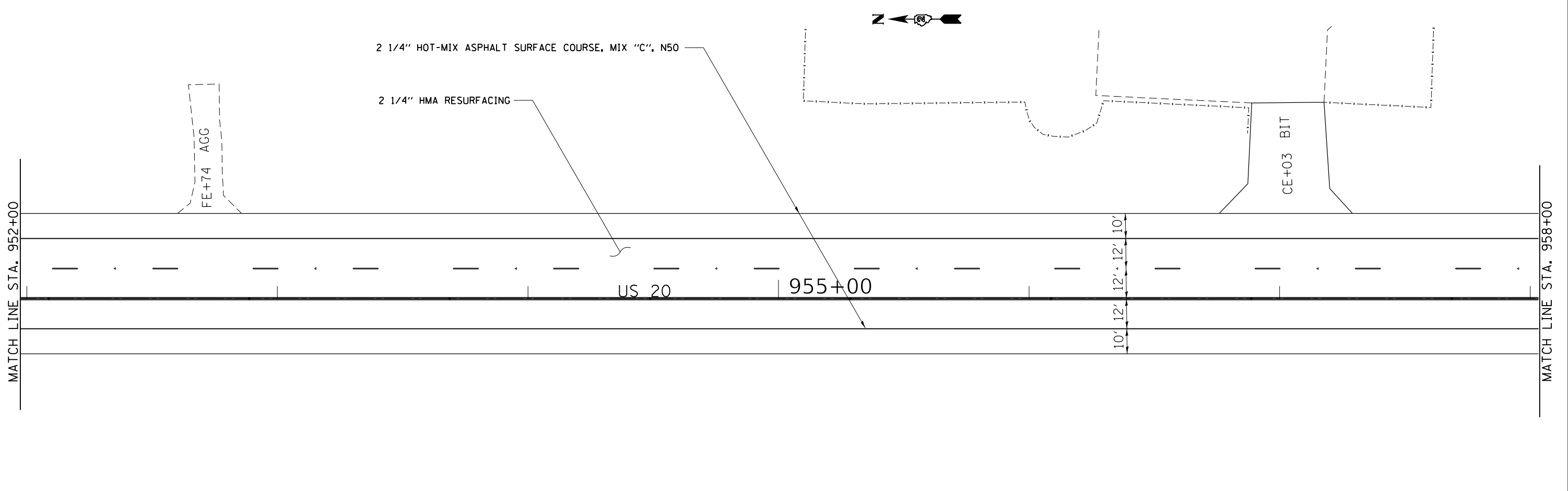
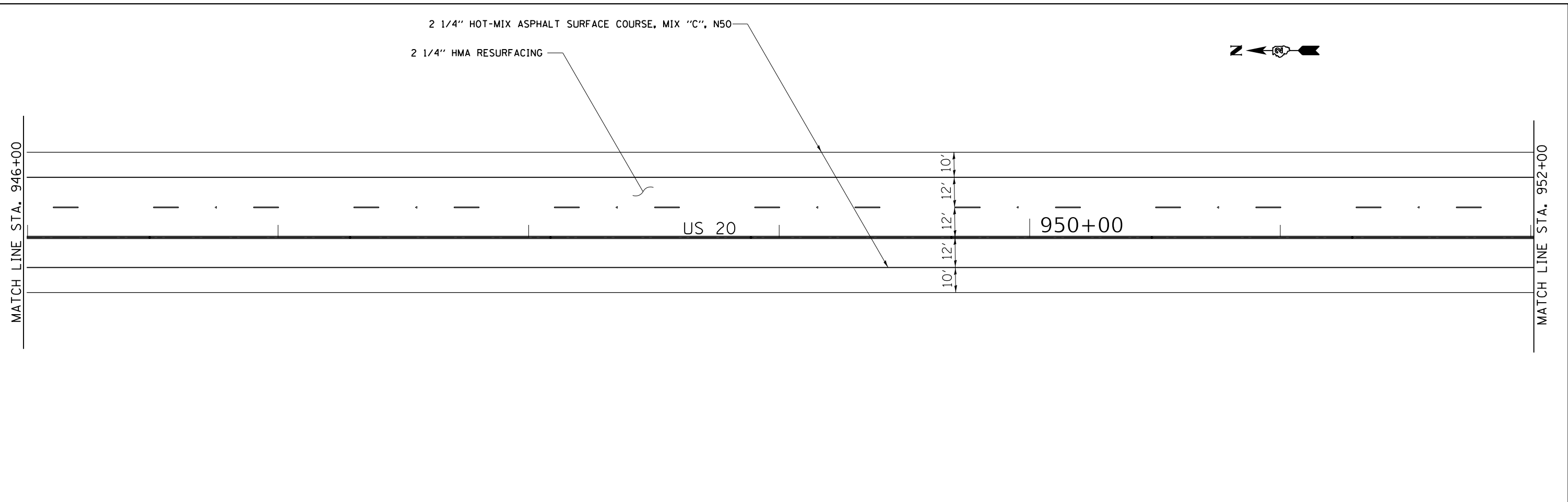
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
US 20 / IL 84

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	23
CONTRACT NO. 64M39			ILLINOIS FED. AID PROJECT	

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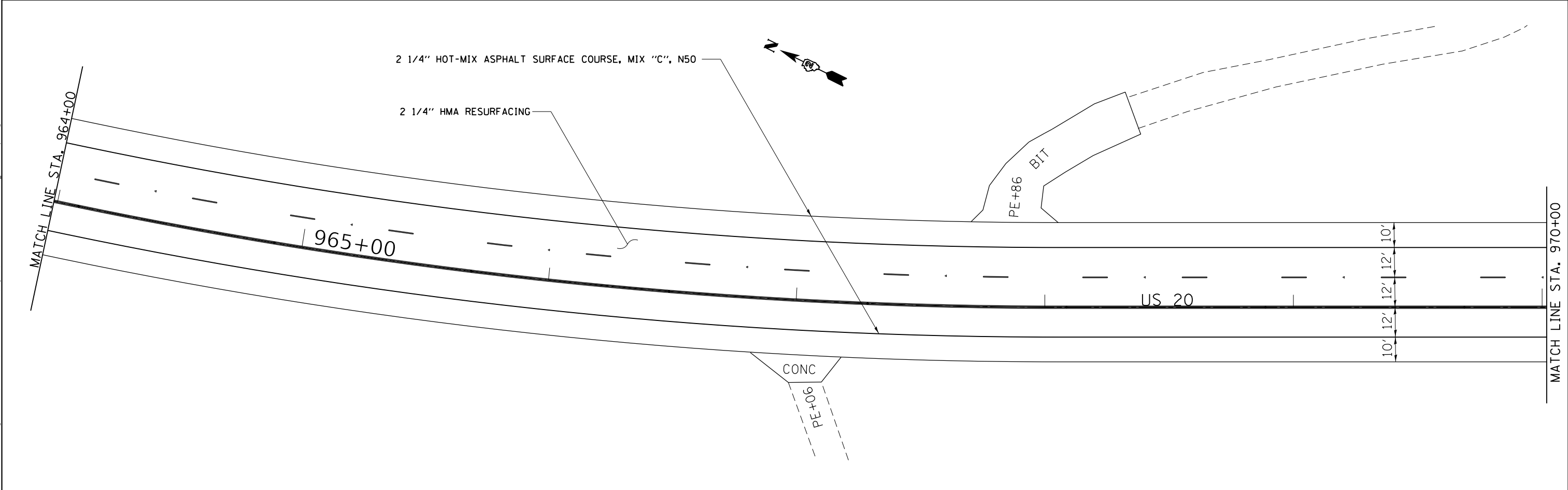
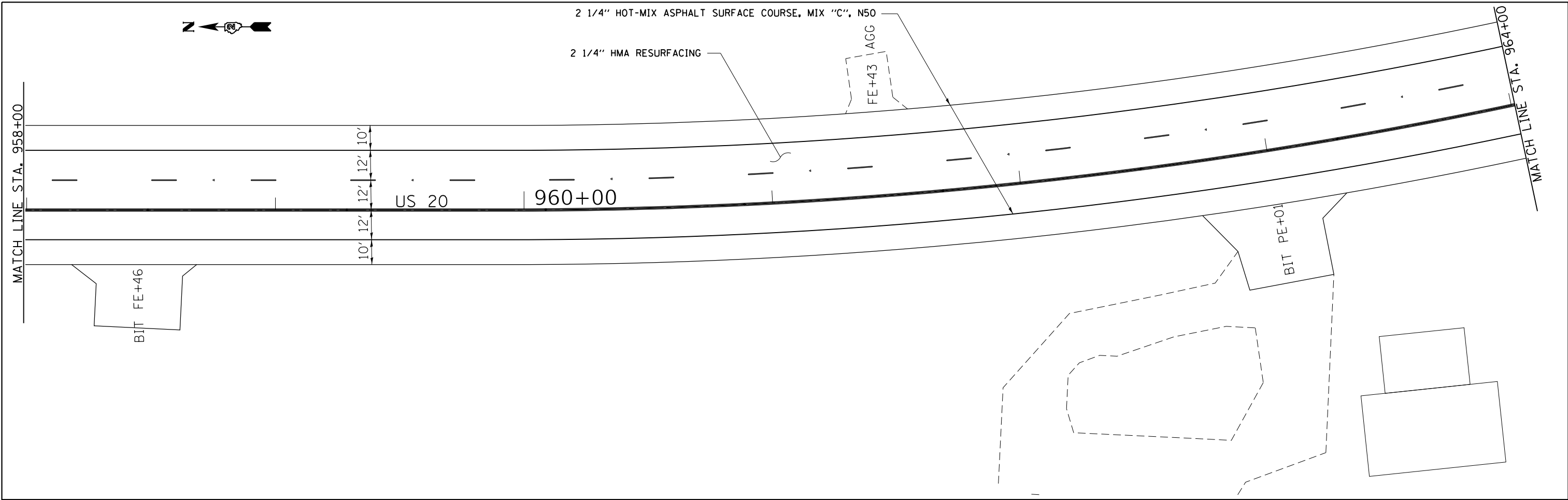


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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET US 20 /IL 84			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	24
CONTRACT NO. 64M39			ILLINOIS FED. AID PROJECT	



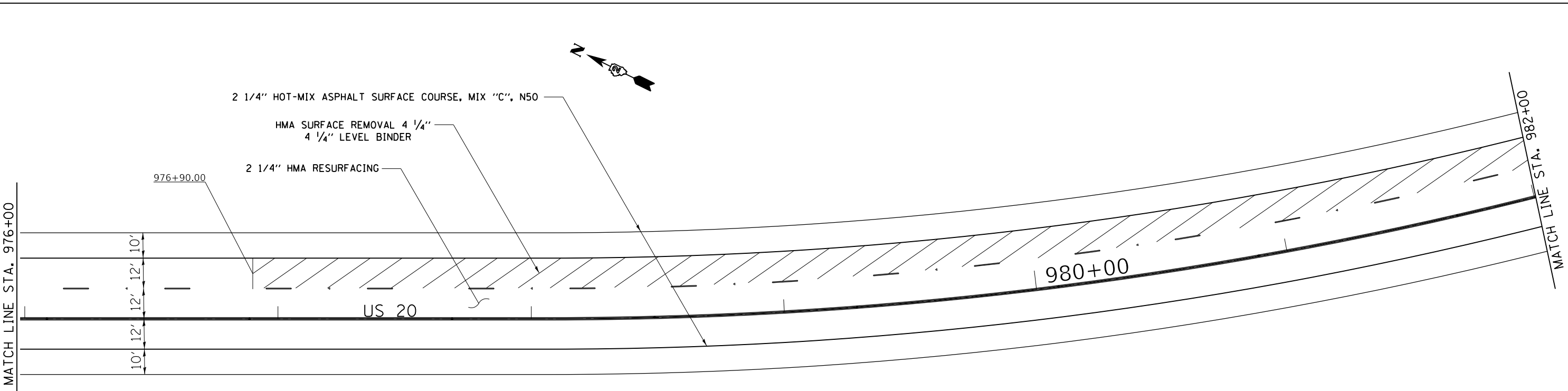
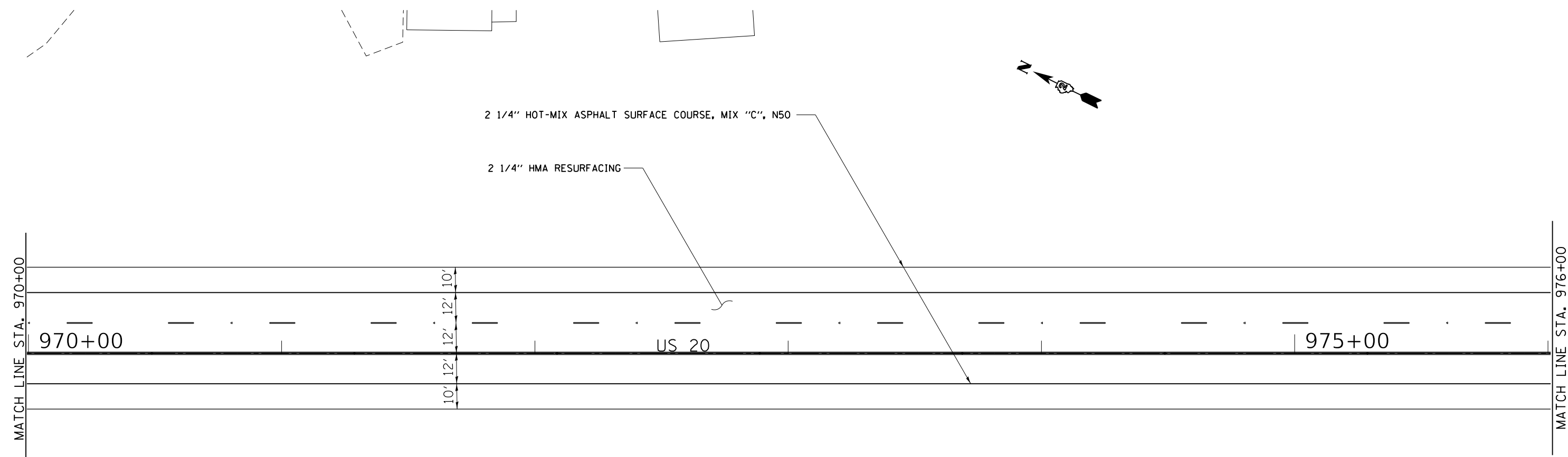
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PLOT DATE = 1/18/2019	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET US 20 / IL 84		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		301	29RS-8	JO DAVIESS	76	25
SCALE:		SHEET OF SHEETS		STA. TO STA.		CONTRACT NO. 64M39

ILLINOIS		FED. AID PROJECT	
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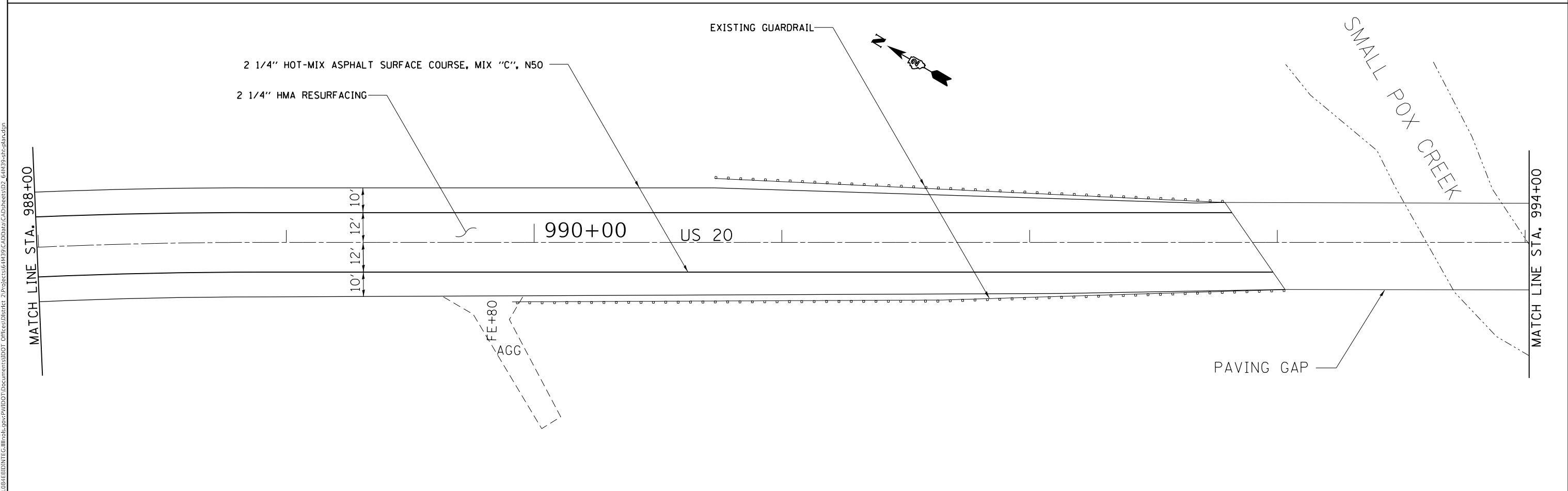
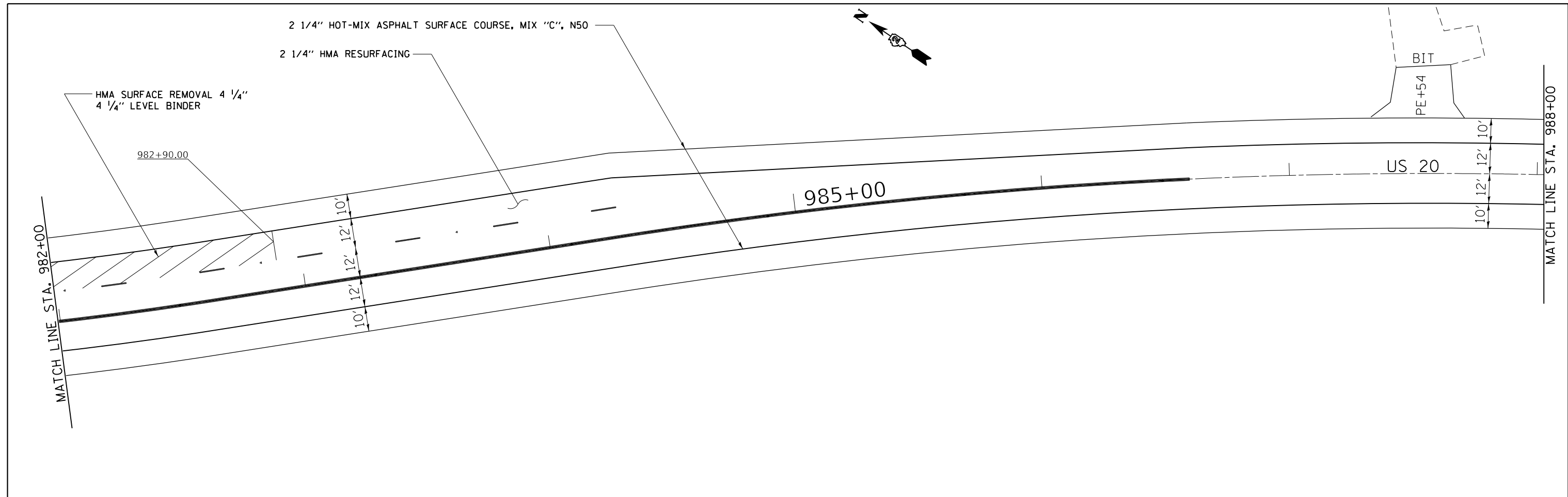
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET US 20 /IL 84			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	26
CONTRACT NO. 64M39			ILLINOIS FED. AID PROJECT	

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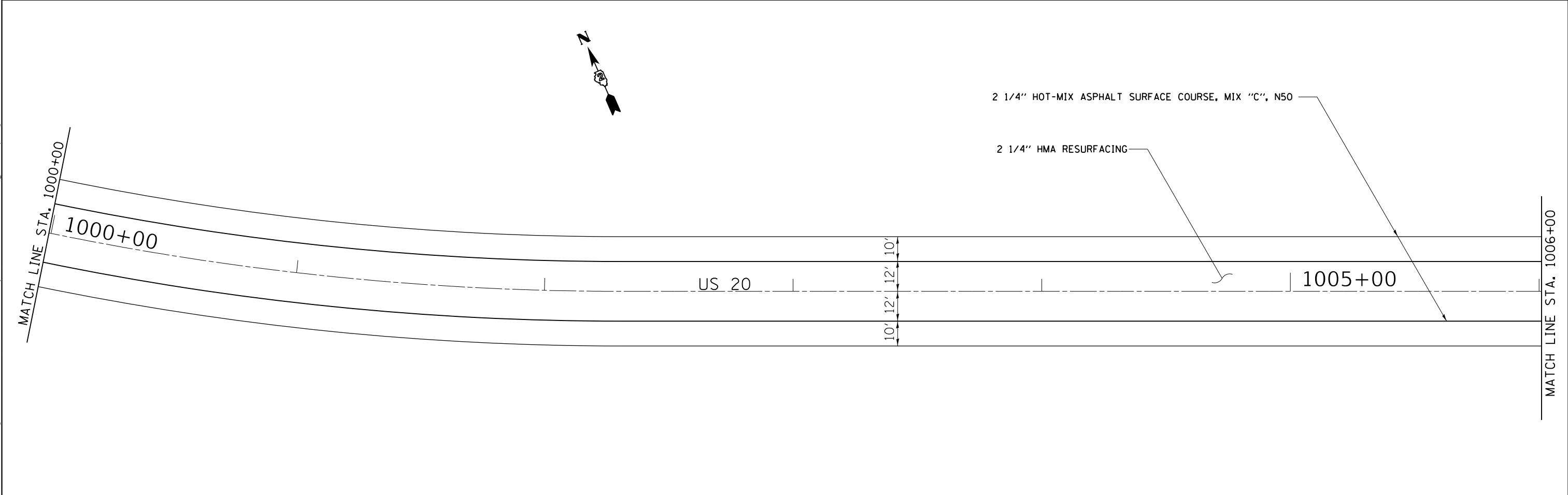
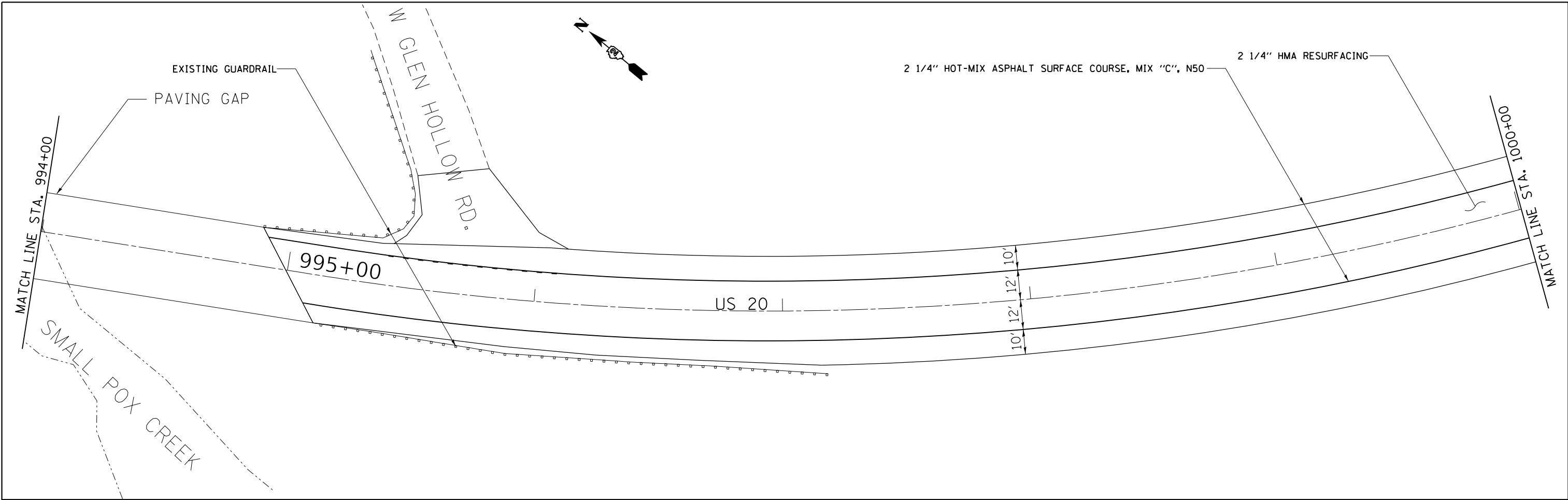
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 US 20 / IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	27
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 1/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET US 20 /IL 84			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	28
			CONTRACT NO. 64M39	
		ILLINOIS	FED. AID PROJECT	

MATCH LINE STA. 1006+00

MATCH LINE STA. 1012+00

2 1/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

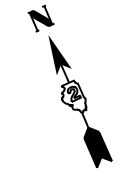
2 1/4" HMA RESURFACING

US 20

1010+00

AG
FE+95

10'
12'
10'



MATCH LINE STA. 1012+00

MATCH LINE STA. 1018+00

2 1/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

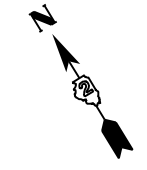
2 1/4" HMA RESURFACING

1015+00 US 20

BIT
PE+55

BIT
PE+83

10'
12'
10'



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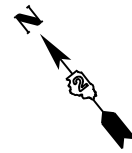
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
US 20 / IL 84

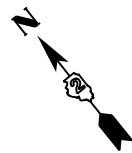
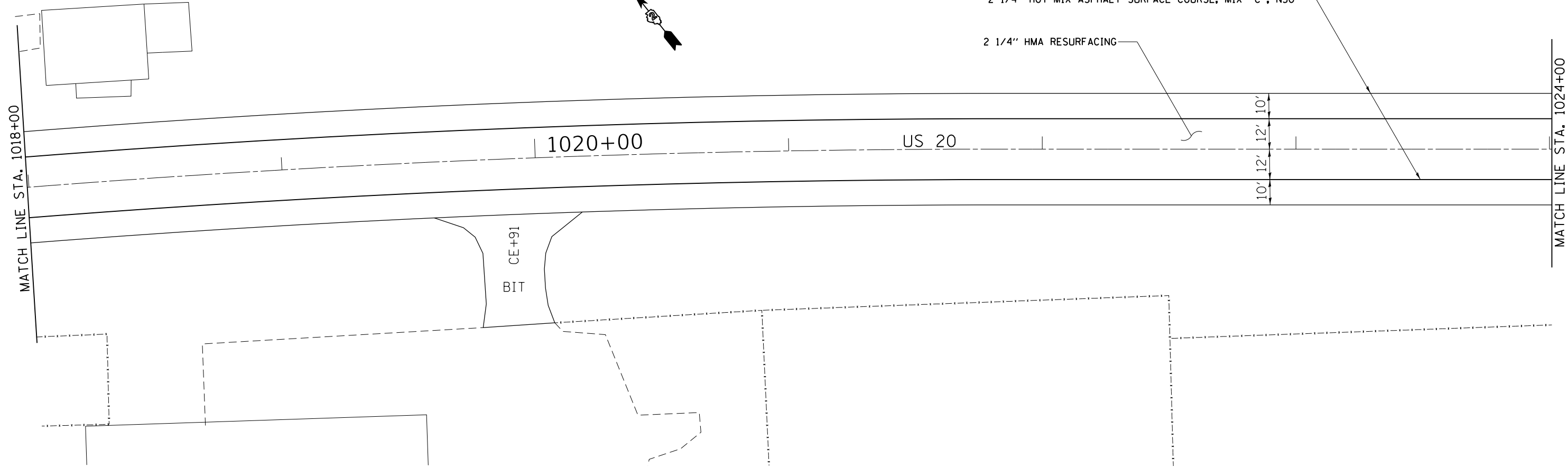
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				



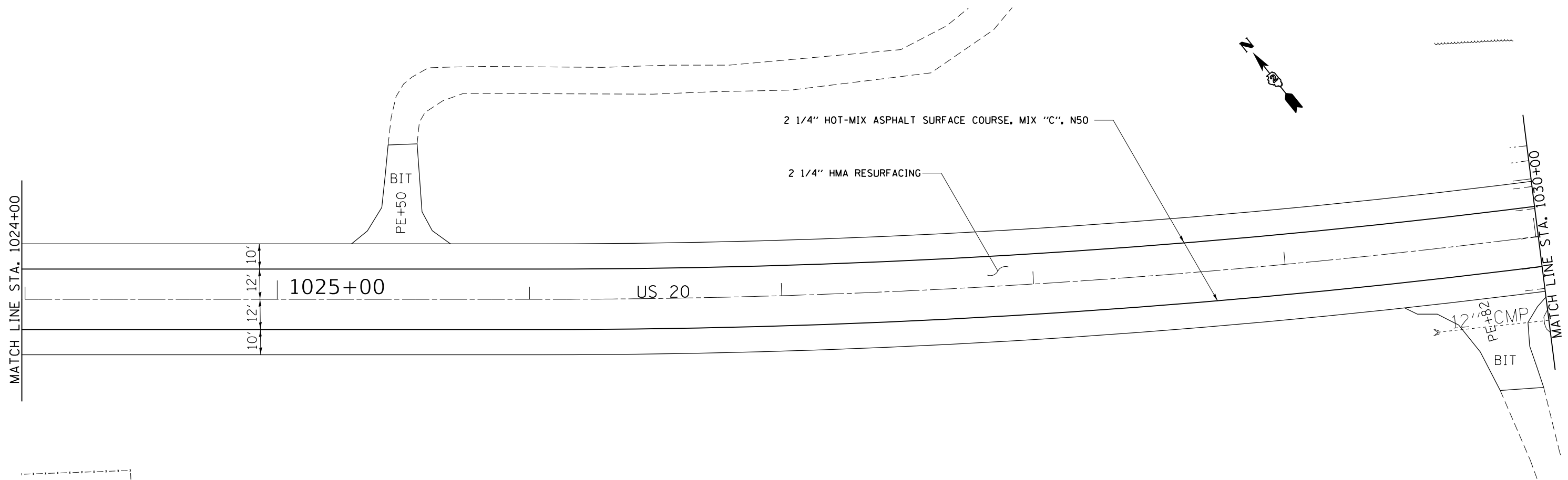
2 1/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

2 1/4" HMA RESURFACING



2 1/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

2 1/4" HMA RESURFACING



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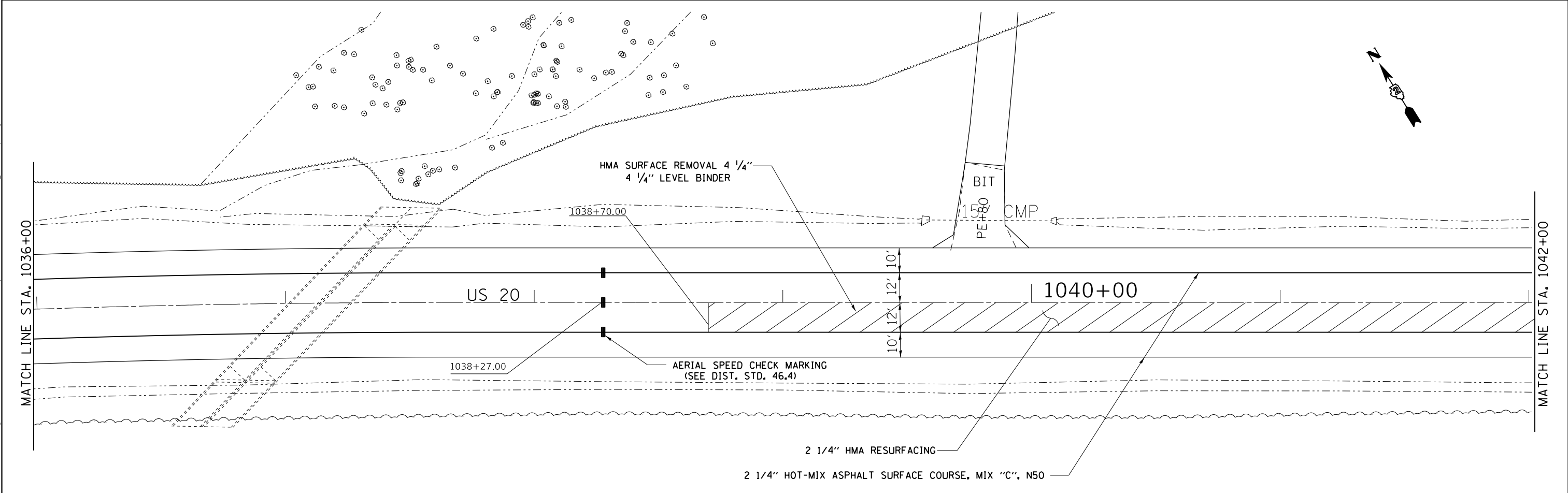
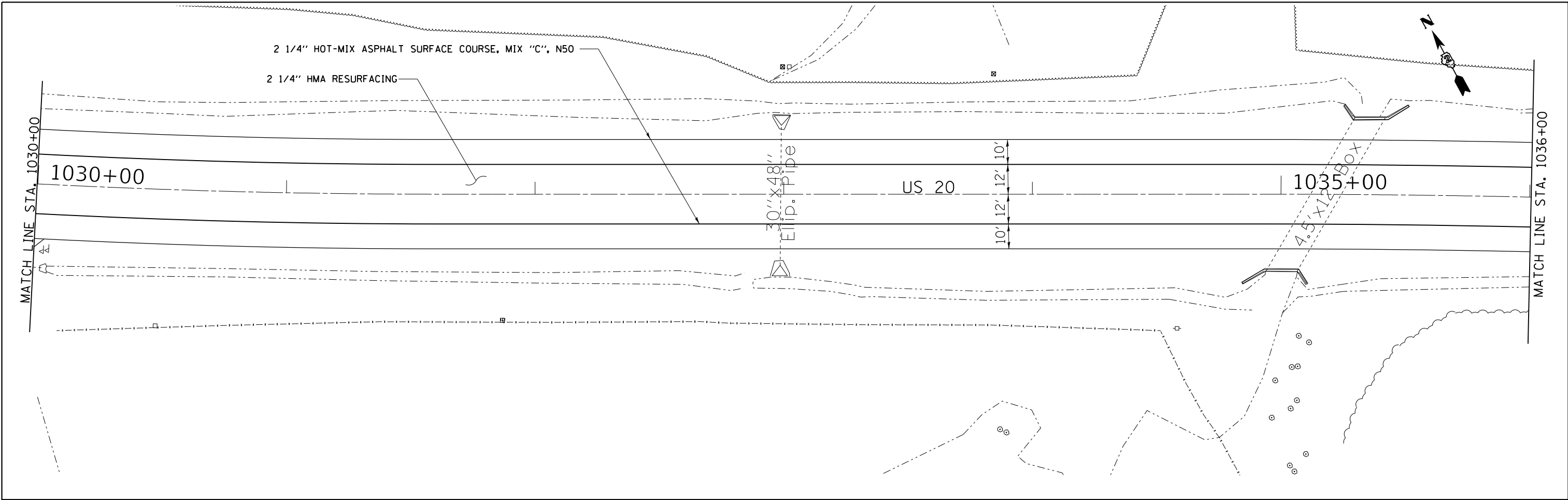
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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
US 20 / IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	30
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				



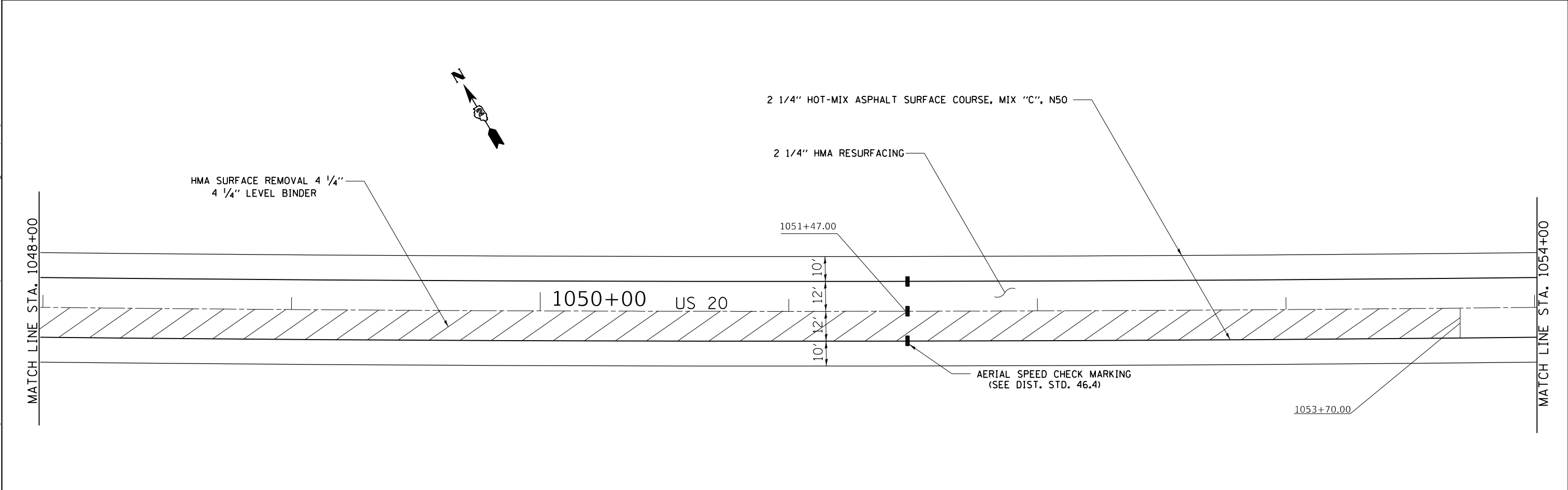
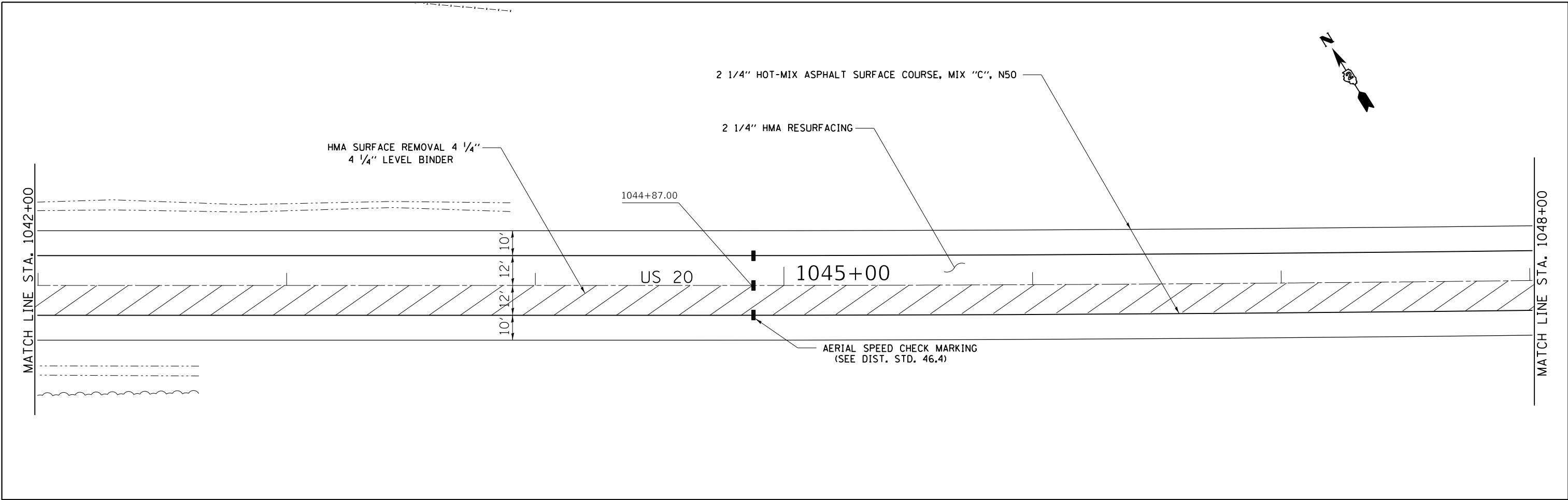
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET US 20 /IL 84		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		301	29RS-8	JO DAVIESS	76	31
SCALE:		SHEET OF SHEETS		STA. TO STA.		CONTRACT NO. 64M39

ILLINOIS		FED. AID PROJECT	
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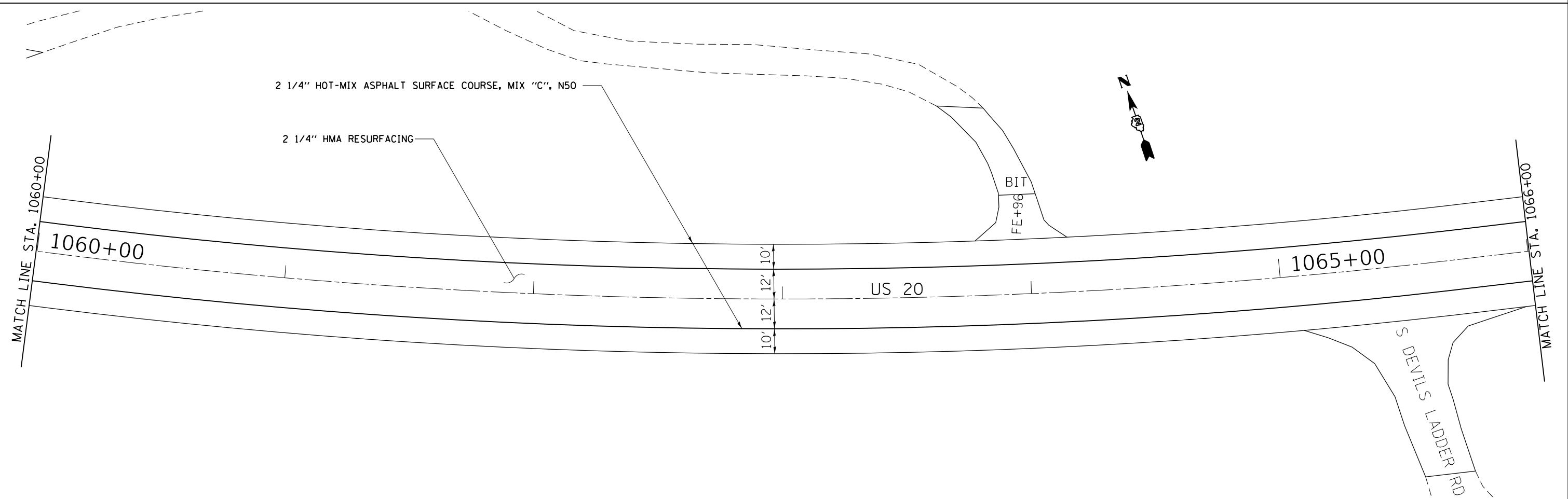
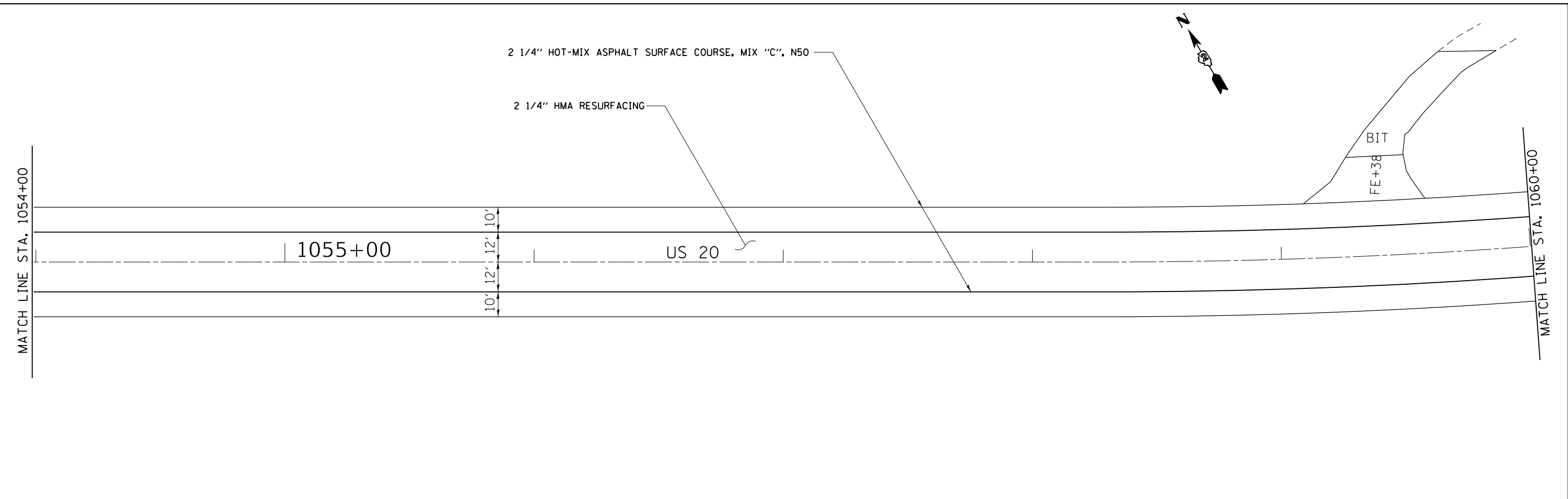
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PLOT DATE = 1/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET US 20 / IL 84		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		301	29RS-8	JO DAVIESS	76	32
SCALE:		SHEET OF SHEETS		STA. TO STA.		CONTRACT NO. 64M39

ILLINOIS	FED. AID PROJECT
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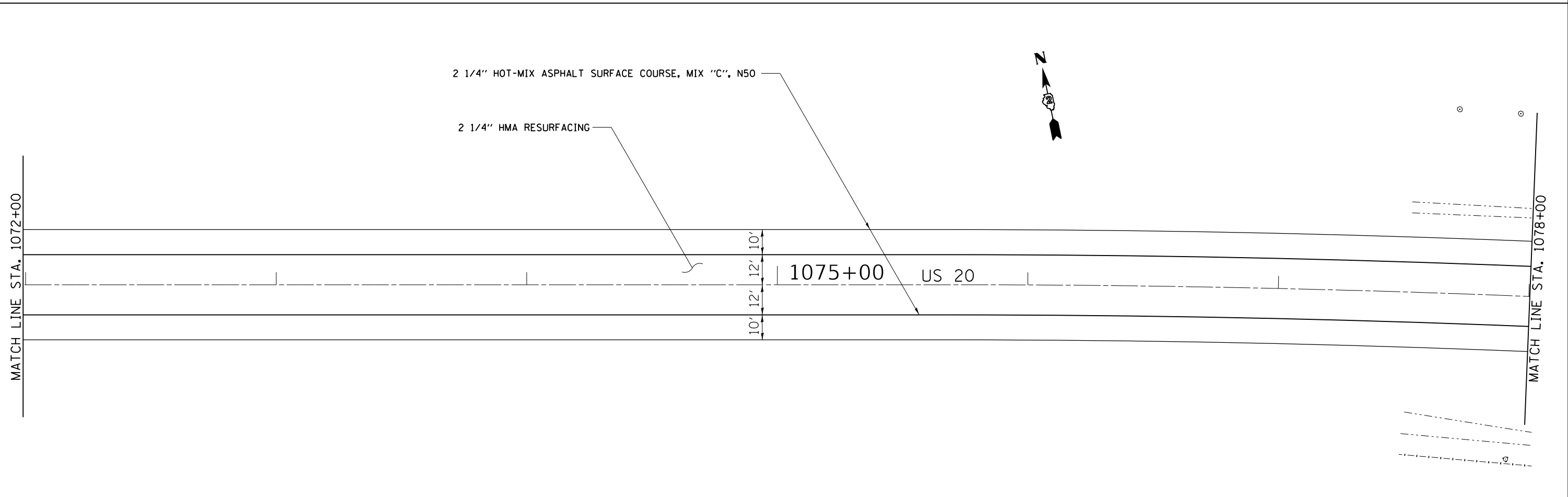
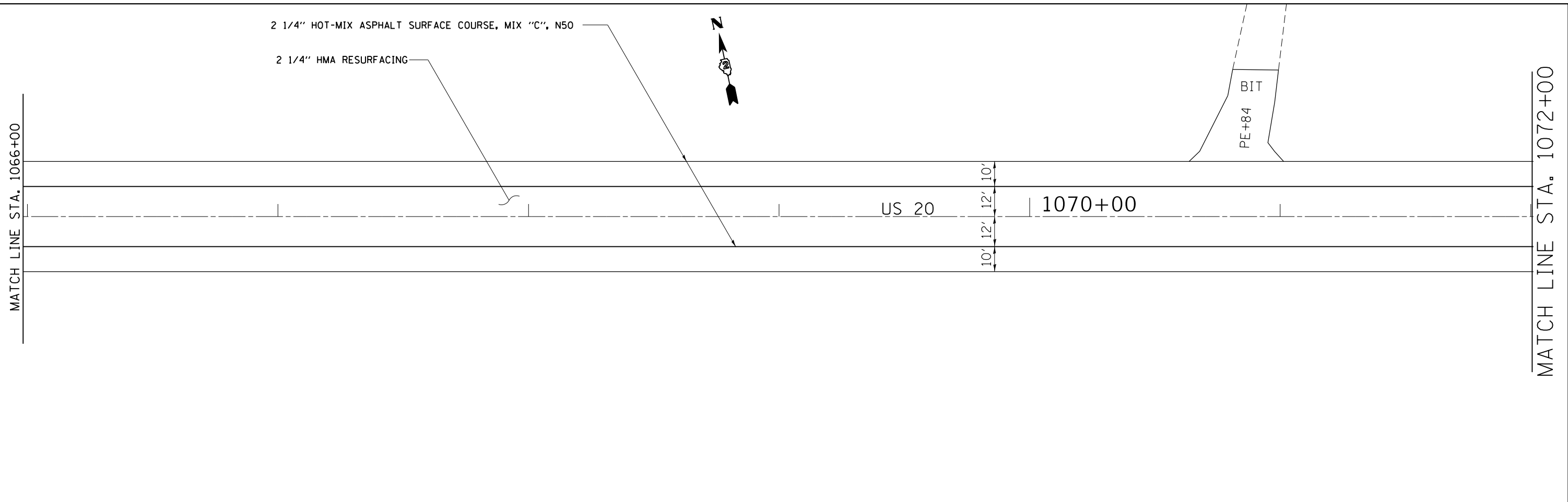
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 US 20 / IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	33
			CONTRACT NO. 64M39	
ILLINOIS FED. AID PROJECT				

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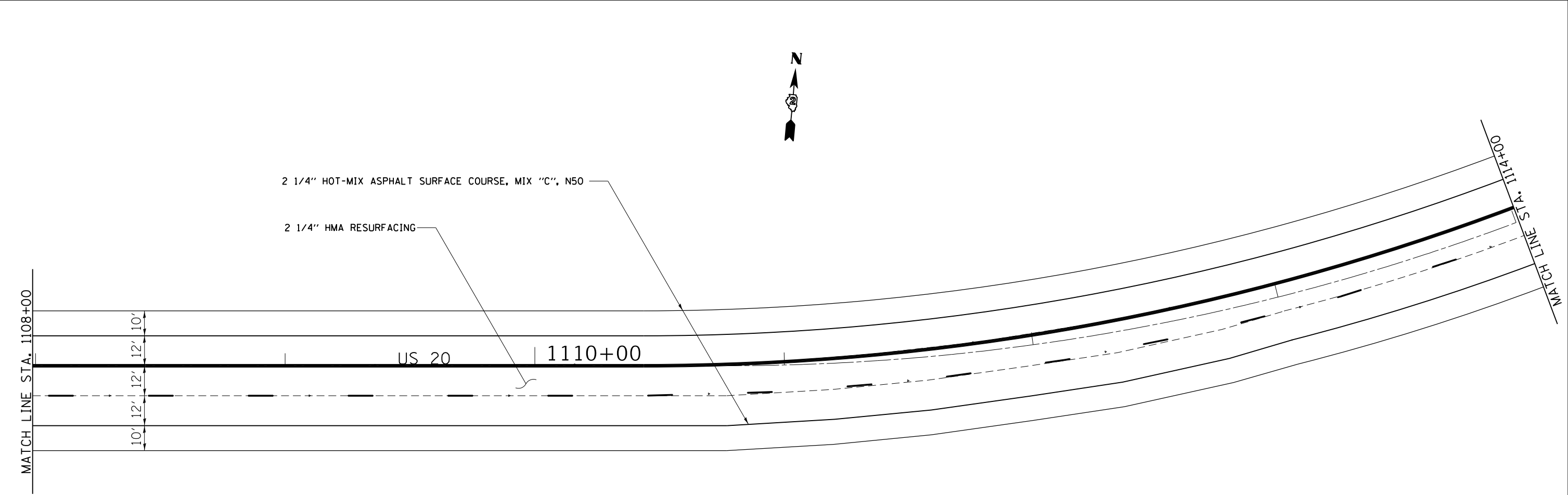
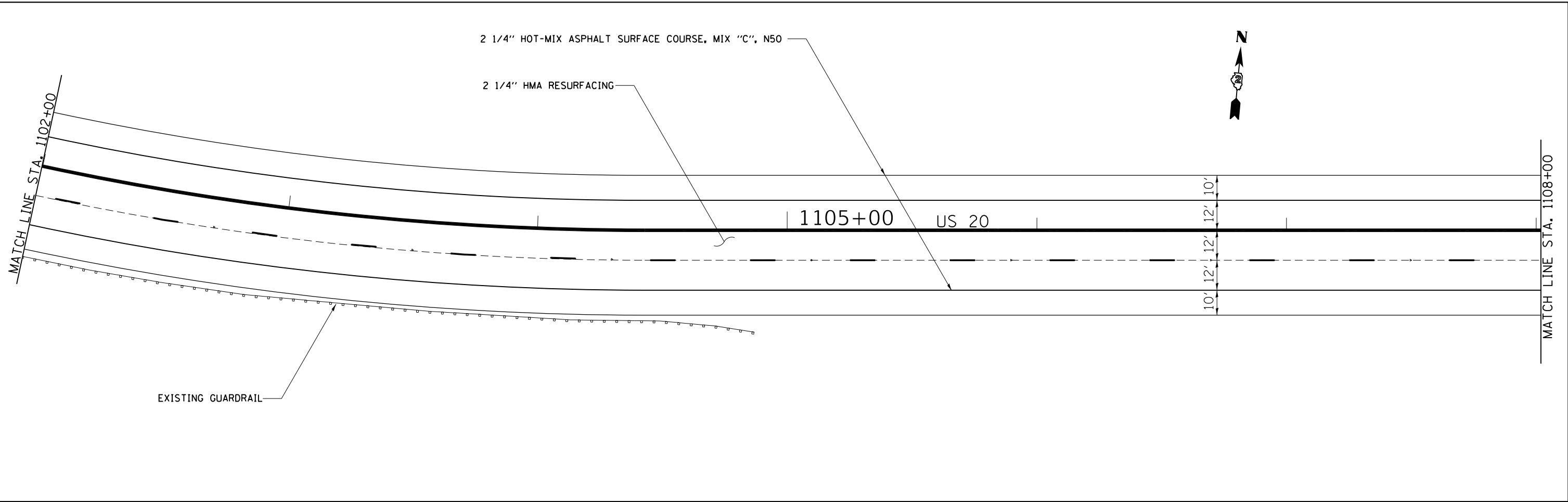
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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 US 20 / IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	34
CONTRACT NO. 64M39			ILLINOIS FED. AID PROJECT	



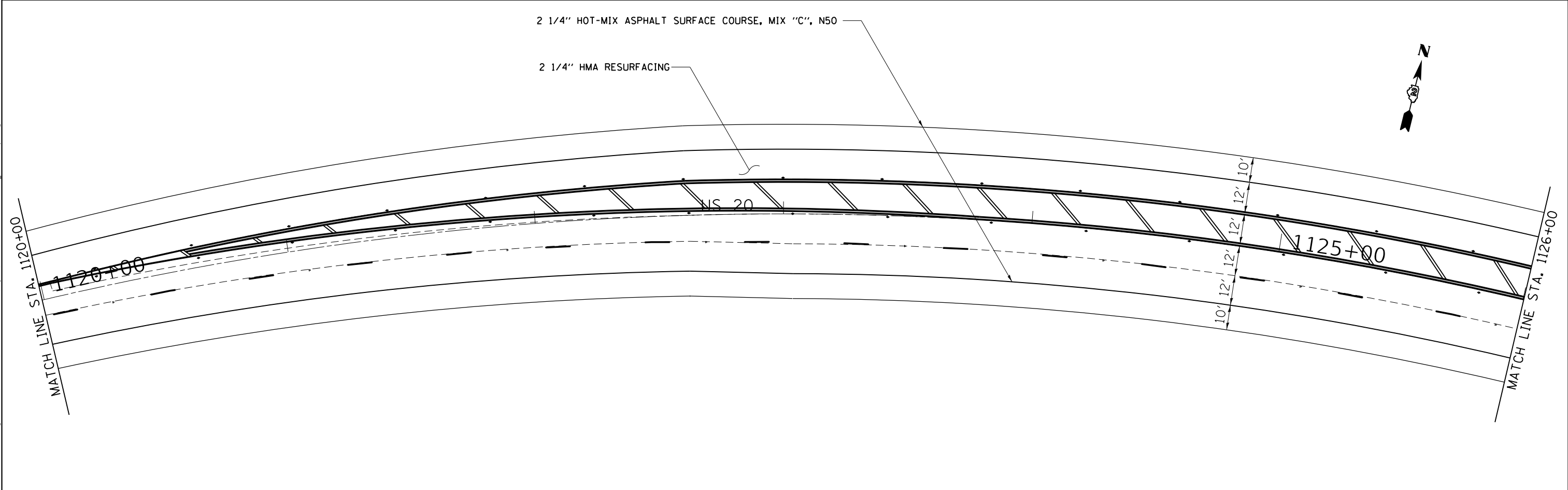
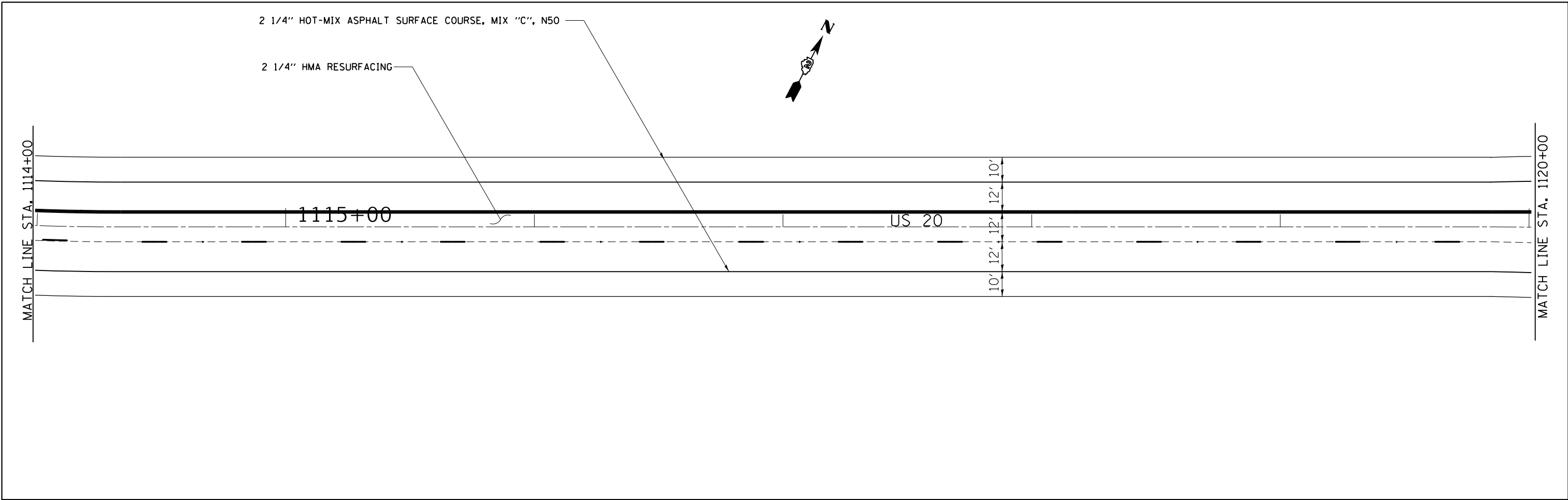
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PLOT DATE = 1/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET US 20 /IL 84		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	37
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				



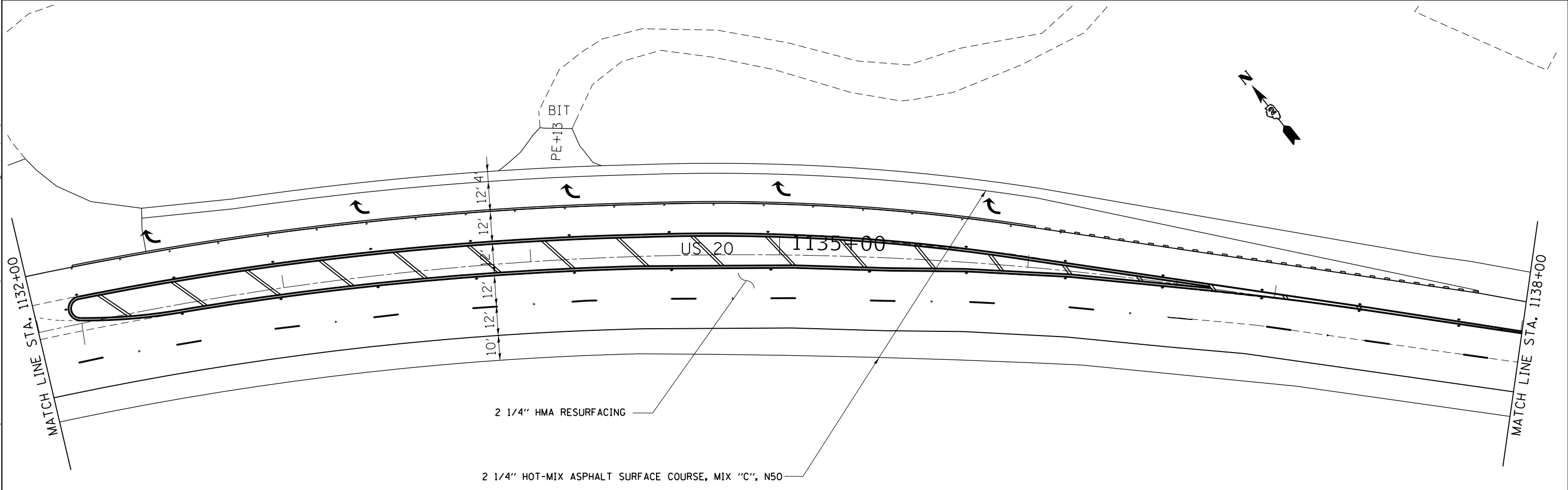
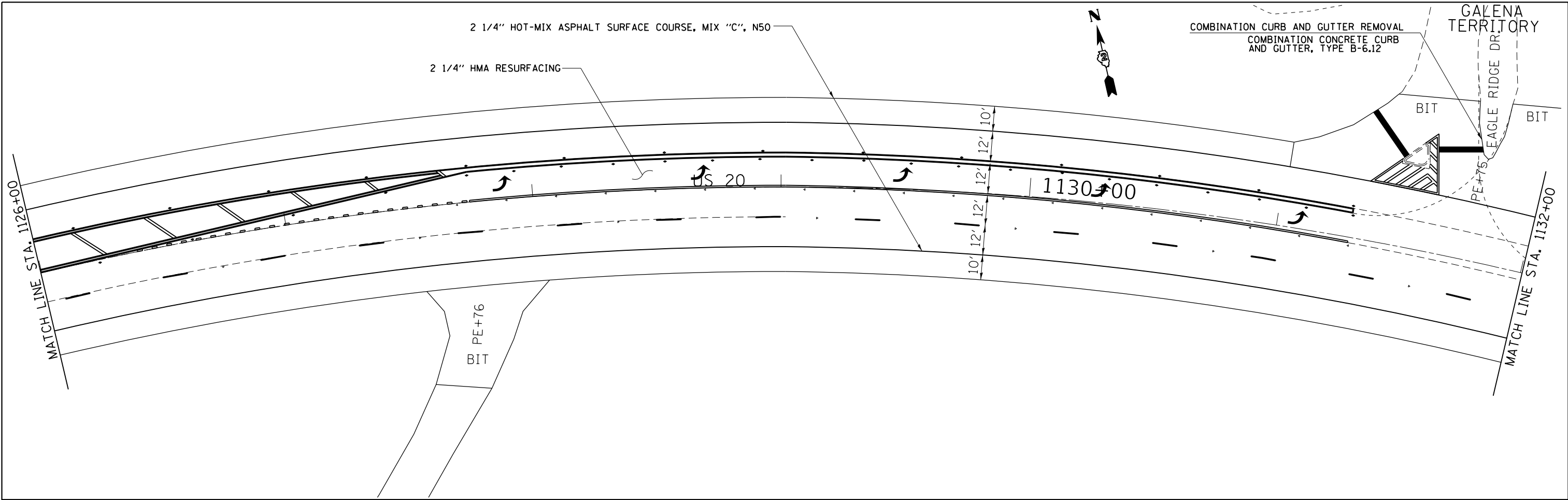
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PLOT DATE = 1/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET			
US 20 /IL 84			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	38
CONTRACT NO. 64M39			ILLINOIS FED. AID PROJECT	



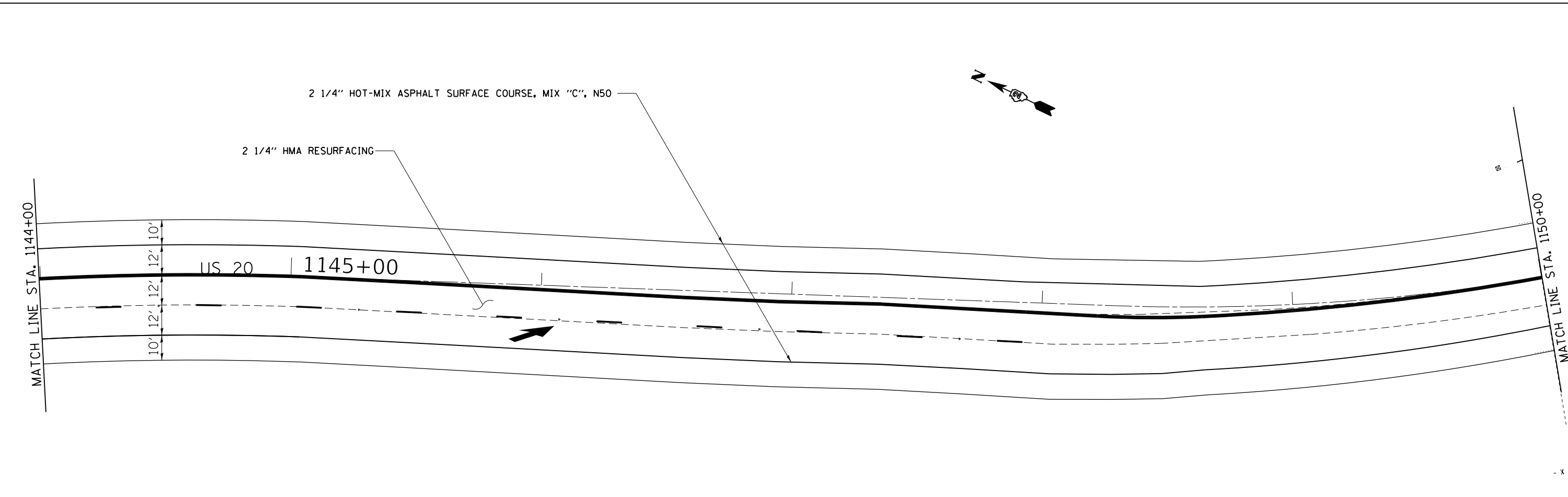
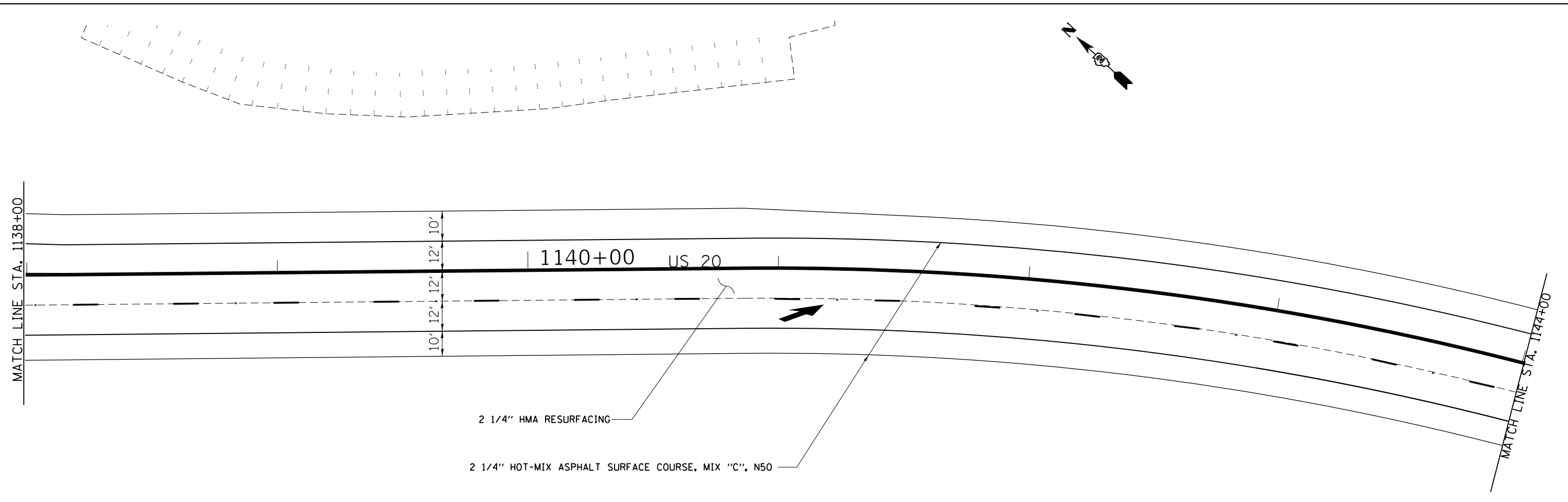
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PLOT DATE = 1/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET US 20 /IL 84		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		301	29RS-8	JO DAVIESS	76	39
SCALE:		SHEET OF SHEETS		STA. TO STA.		CONTRACT NO. 64M39

ILLINOIS		FED. AID PROJECT	
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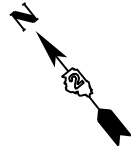
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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET	
US 20 /IL 84	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	40
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 1150+00

1150+00

BIT

PE+76

1153+94
PROJECT ENDS

1155+00

10'
12'
10'

2 1/4" HMA RESURFACING

2 1/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

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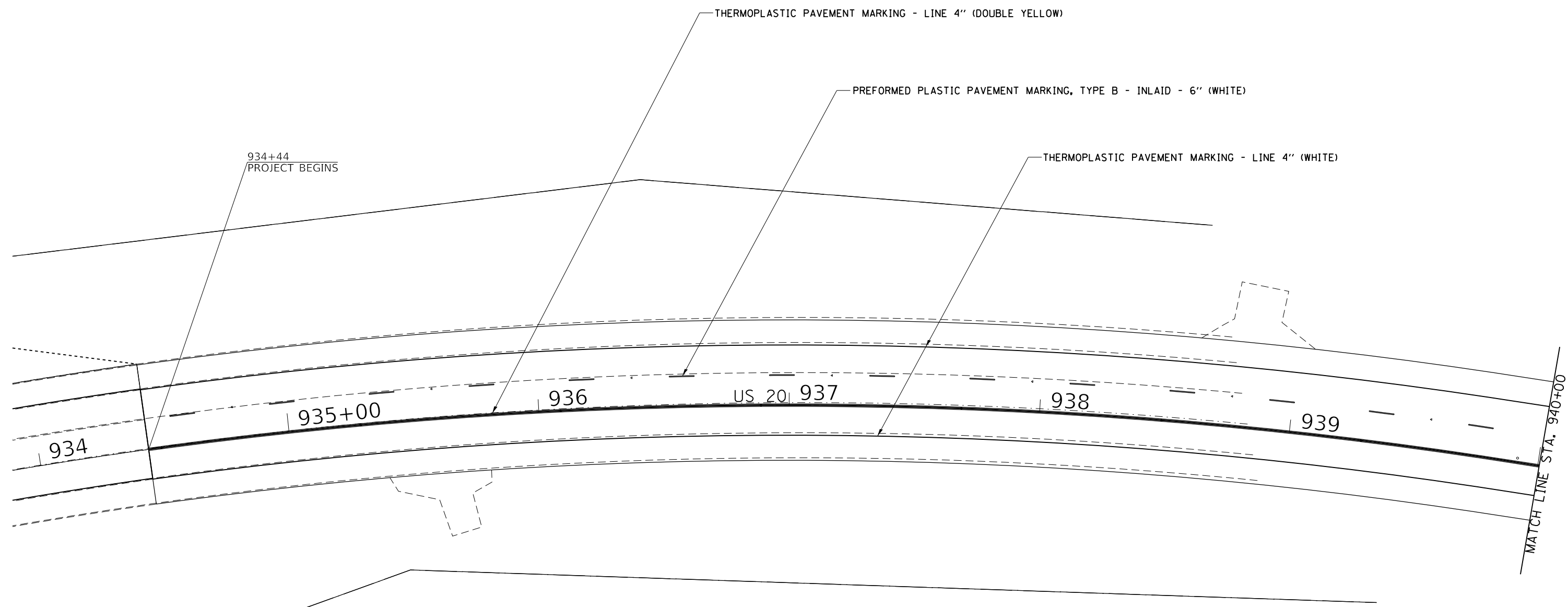
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PLOT DATE = 1/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
US 20 / IL 84

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	41
CONTRACT NO. 64M39			ILLINOIS FED. AID PROJECT	



SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

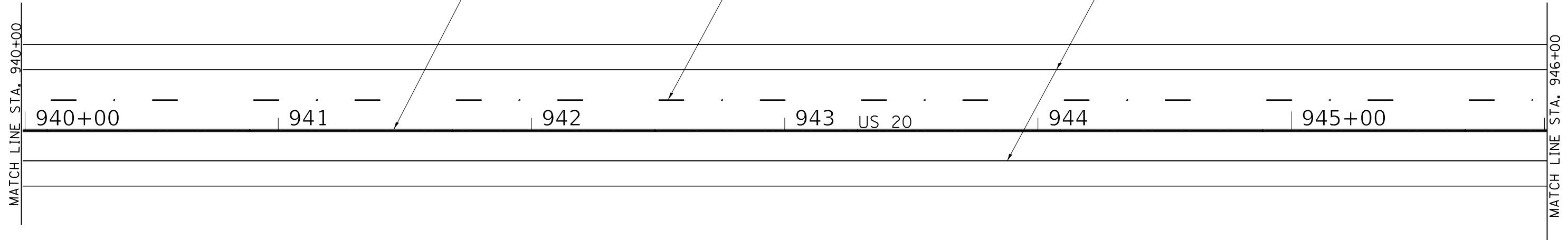
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301	29RS-8	JO DAVIESS	76	42
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - 6" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)



SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

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PLOT DATE = 1/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING				
US 20 /IL 84				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

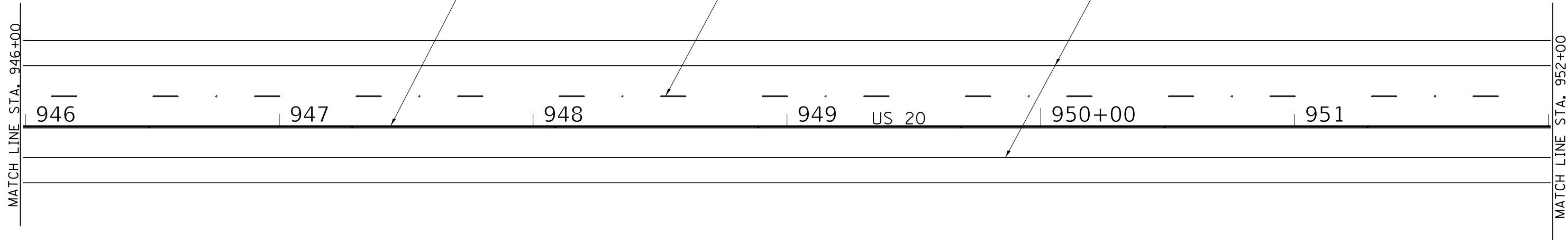
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	43
CONTRACT NO. 64M39				
ILLINOIS		FED. AID PROJECT		



THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - 6" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)



SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

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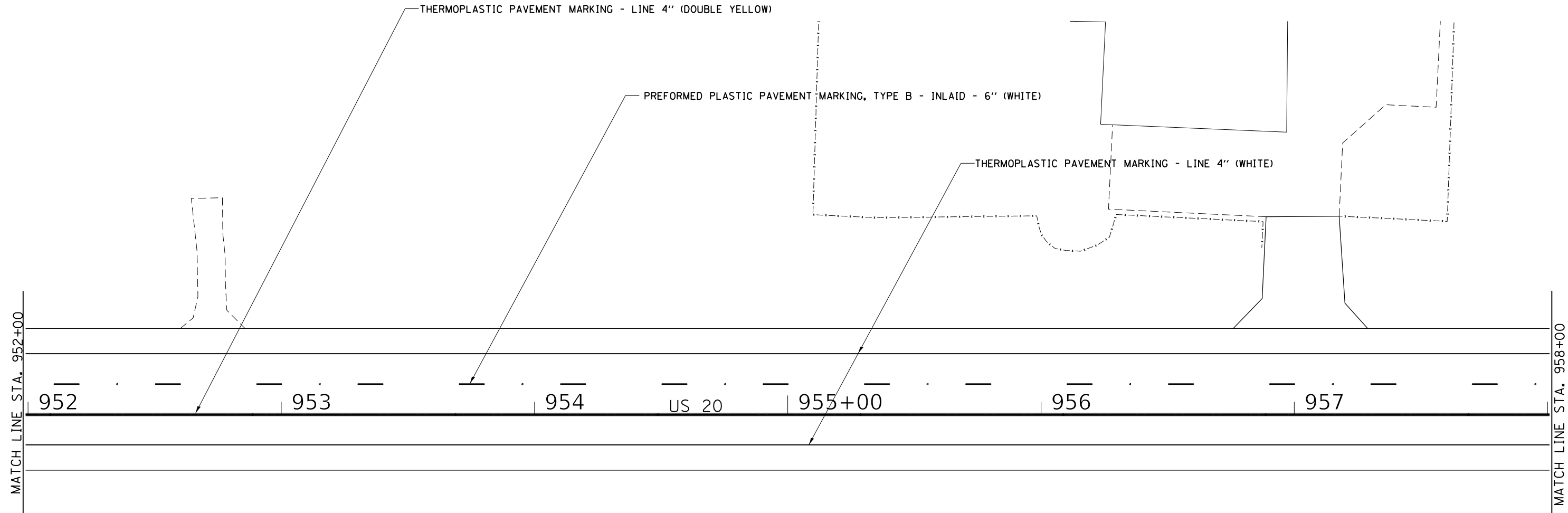
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	44
CONTRACT NO. 64M39				
		ILLINOIS	FED. AID PROJECT	

US 20



SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

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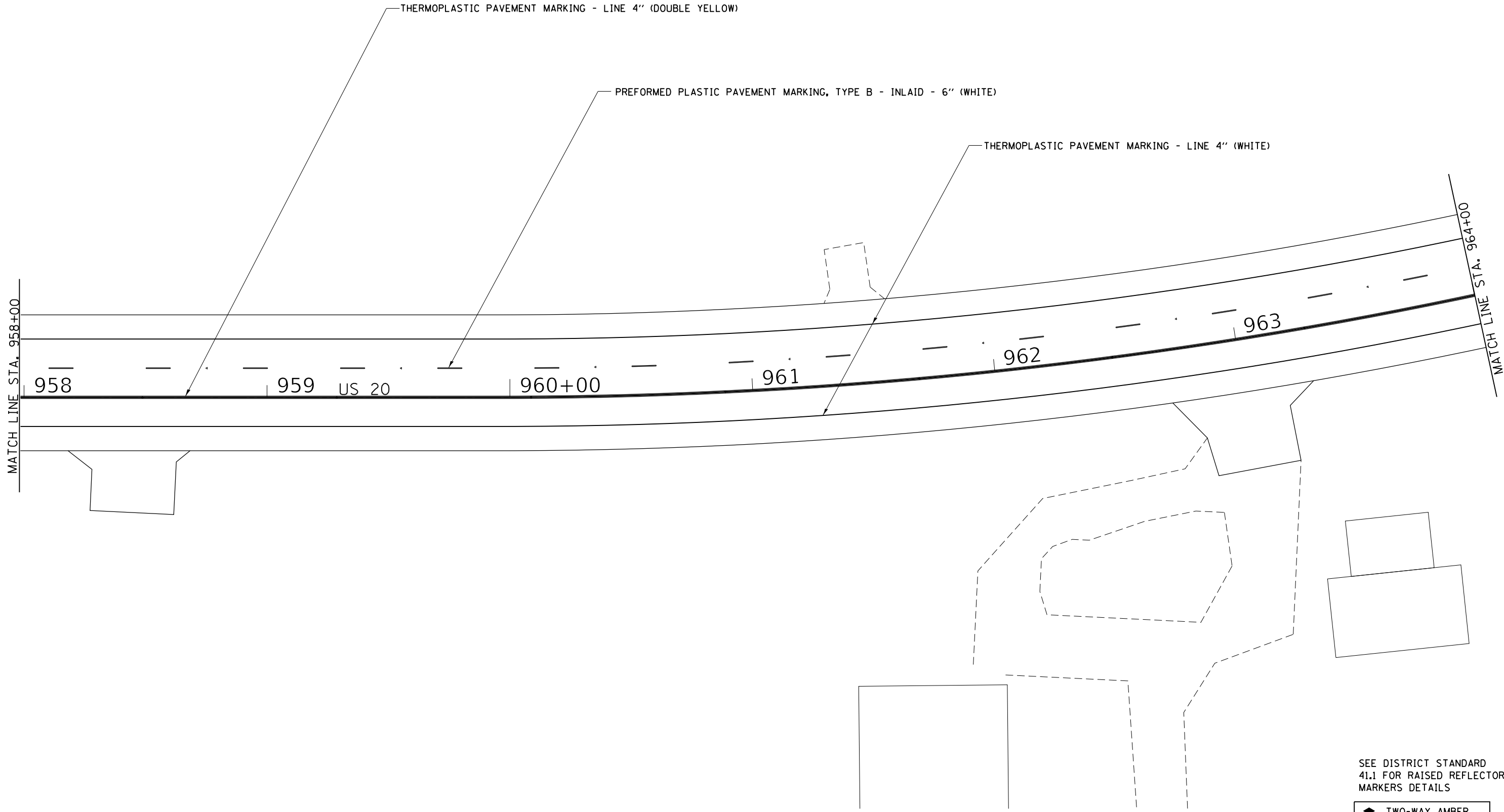
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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	45
			CONTRACT NO. 64M39	
		ILLINOIS	FED. AID PROJECT	



SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

MODEL: Default
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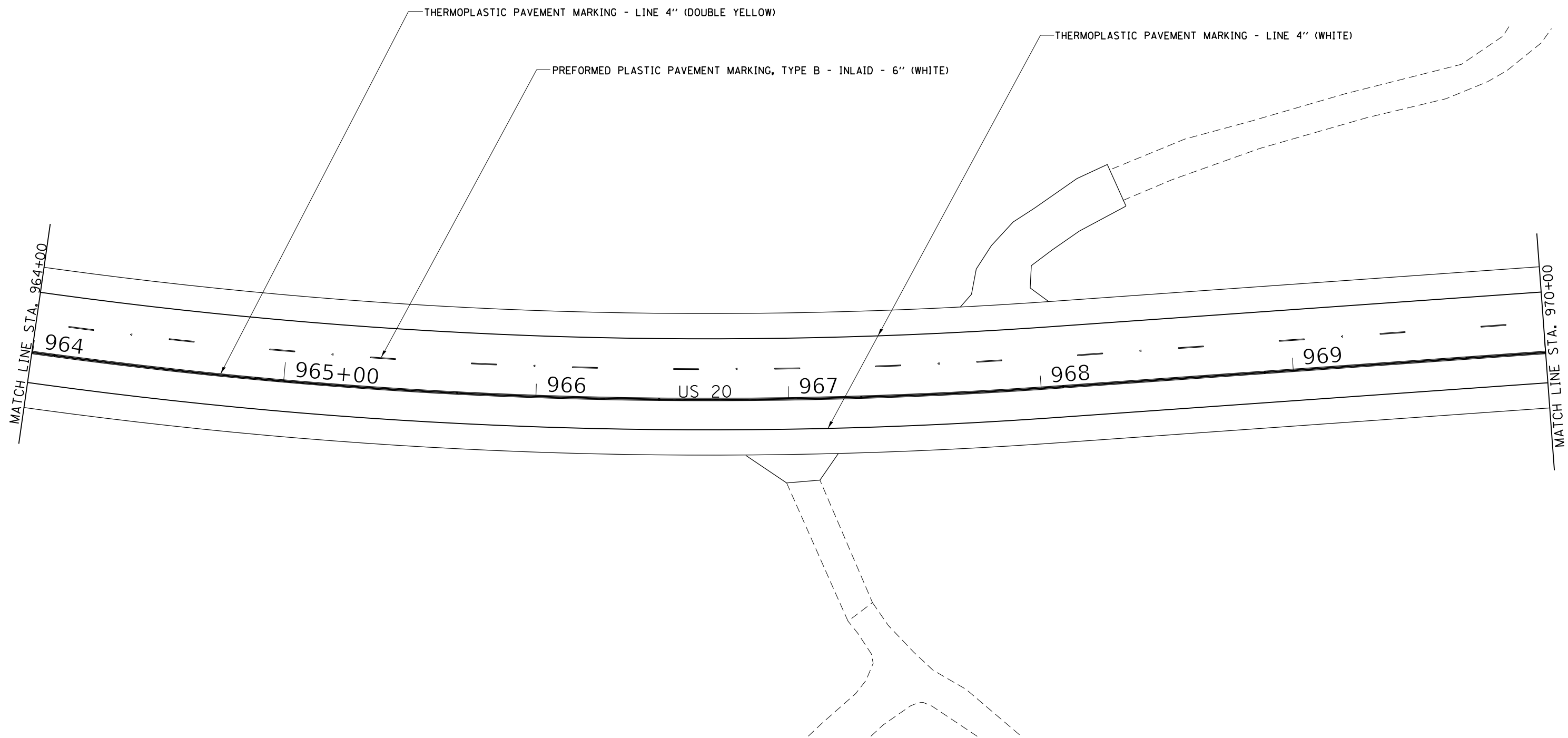
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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	46
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				



SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

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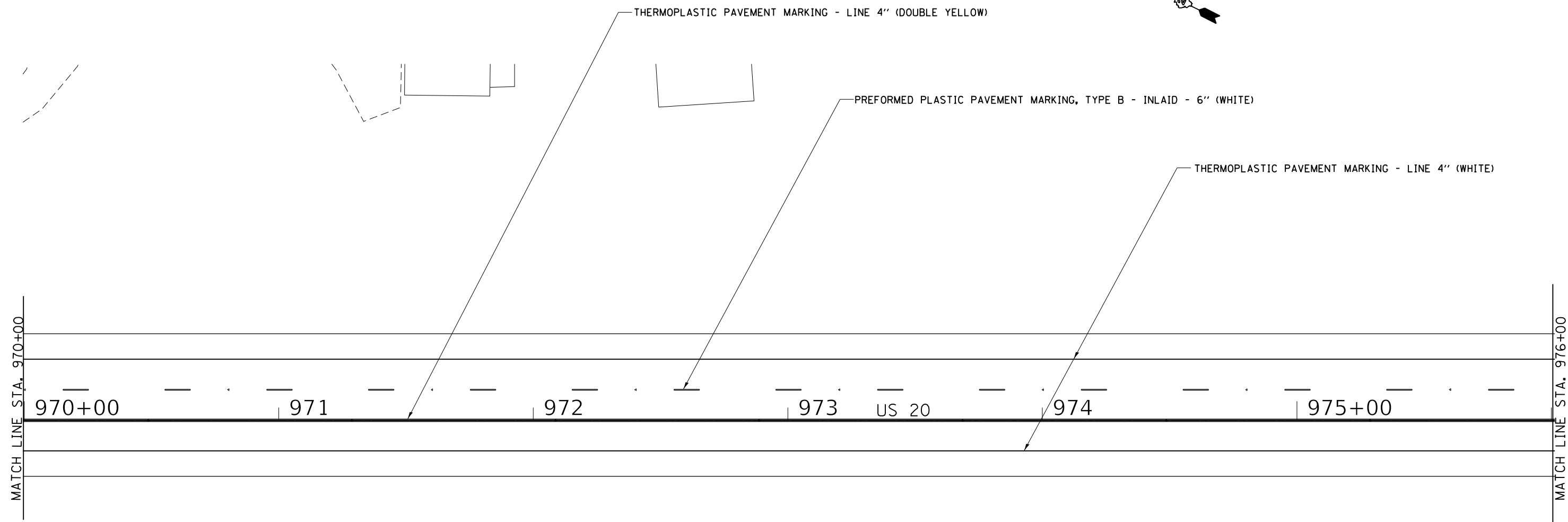
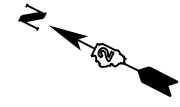
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	47
CONTRACT NO. 64M39				
		ILLINOIS	FED. AID PROJECT	



SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

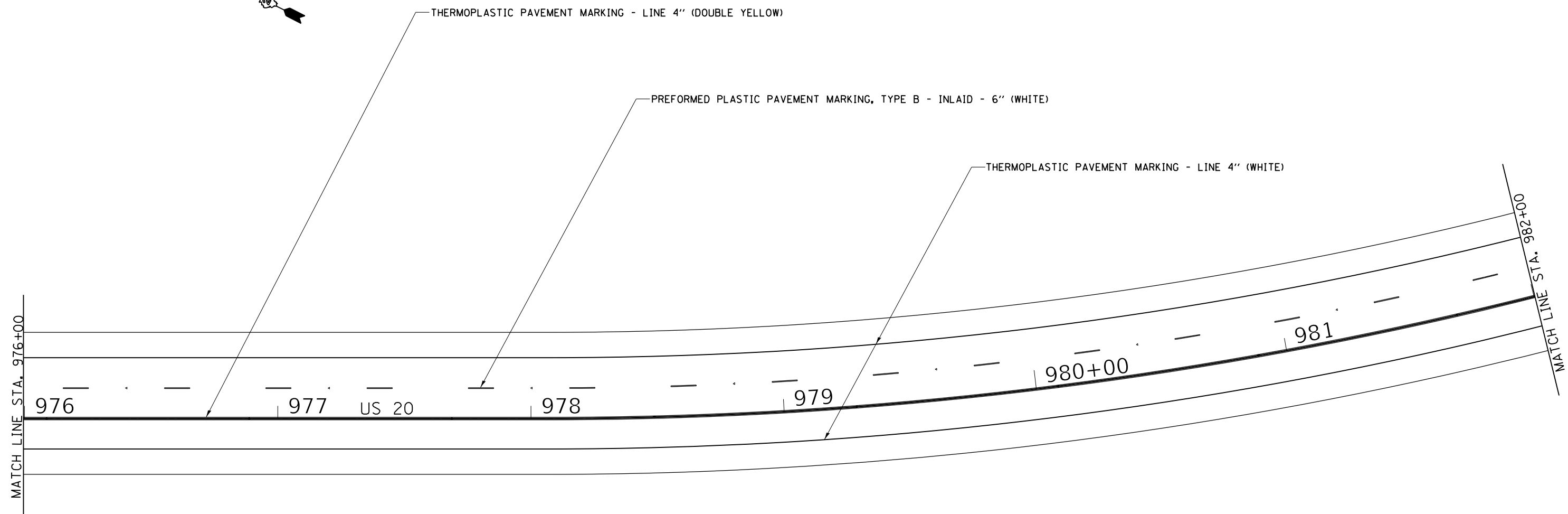
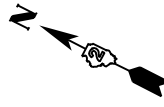
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USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	48
CONTRACT NO. 64M39				
SCALE:		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT



MATCH LINE STA. 976+00

MATCH LINE STA. 982+00

SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

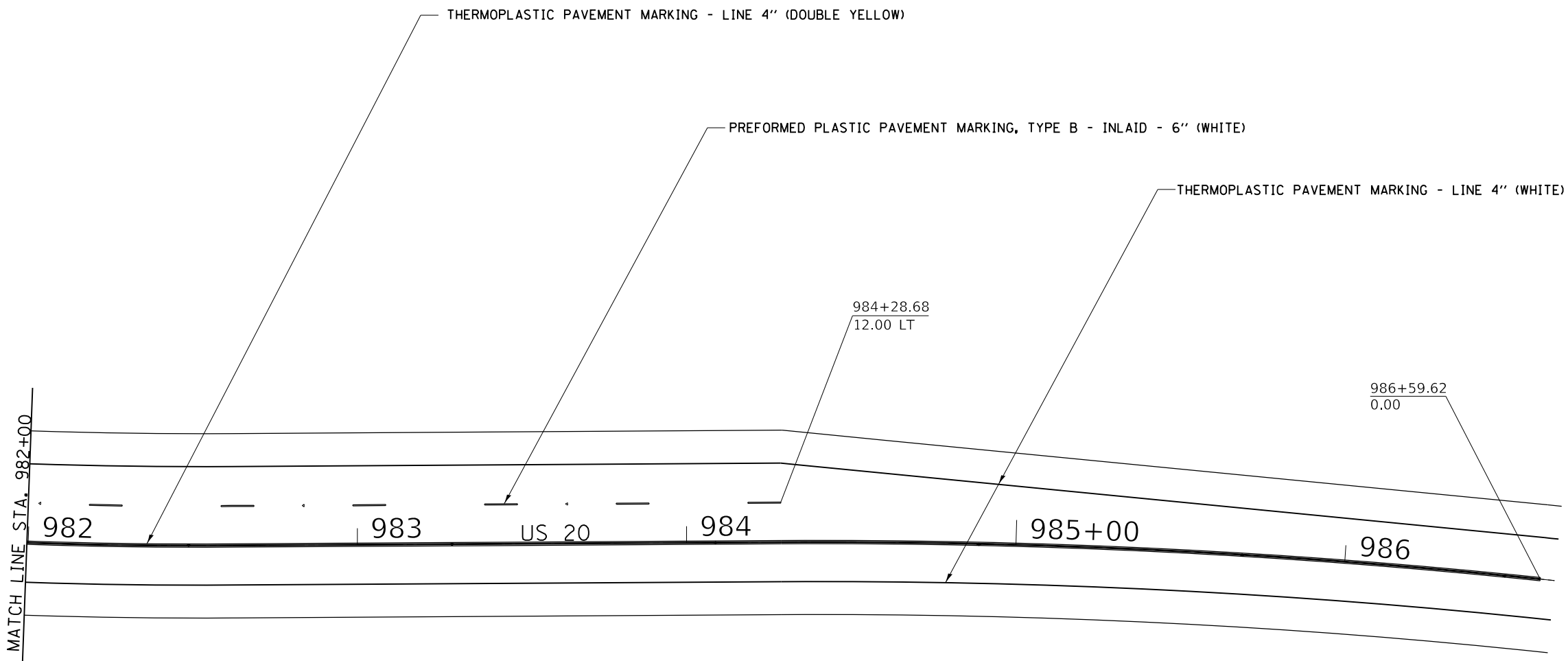
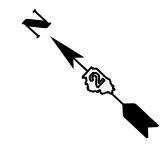
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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING US 20 /IL 84				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	49
			CONTRACT NO. 64M39	
		ILLINOIS	FED. AID PROJECT	



MATCH LINE STA. 982+00

SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

MODEL: Default
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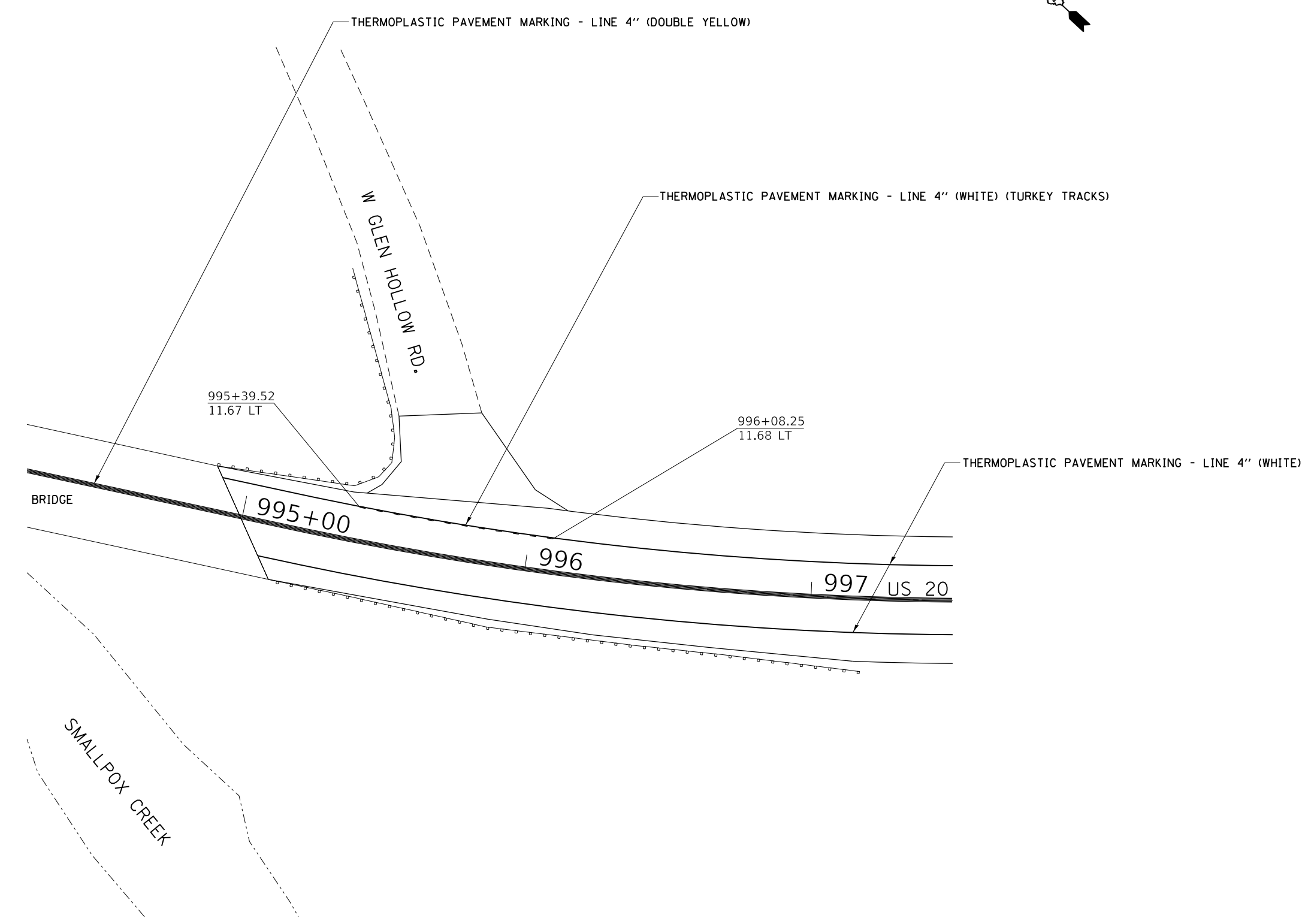
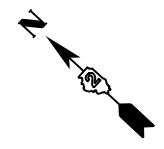
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	DRAWN -	REVISED -
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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	50
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				



SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

MODEL: Default
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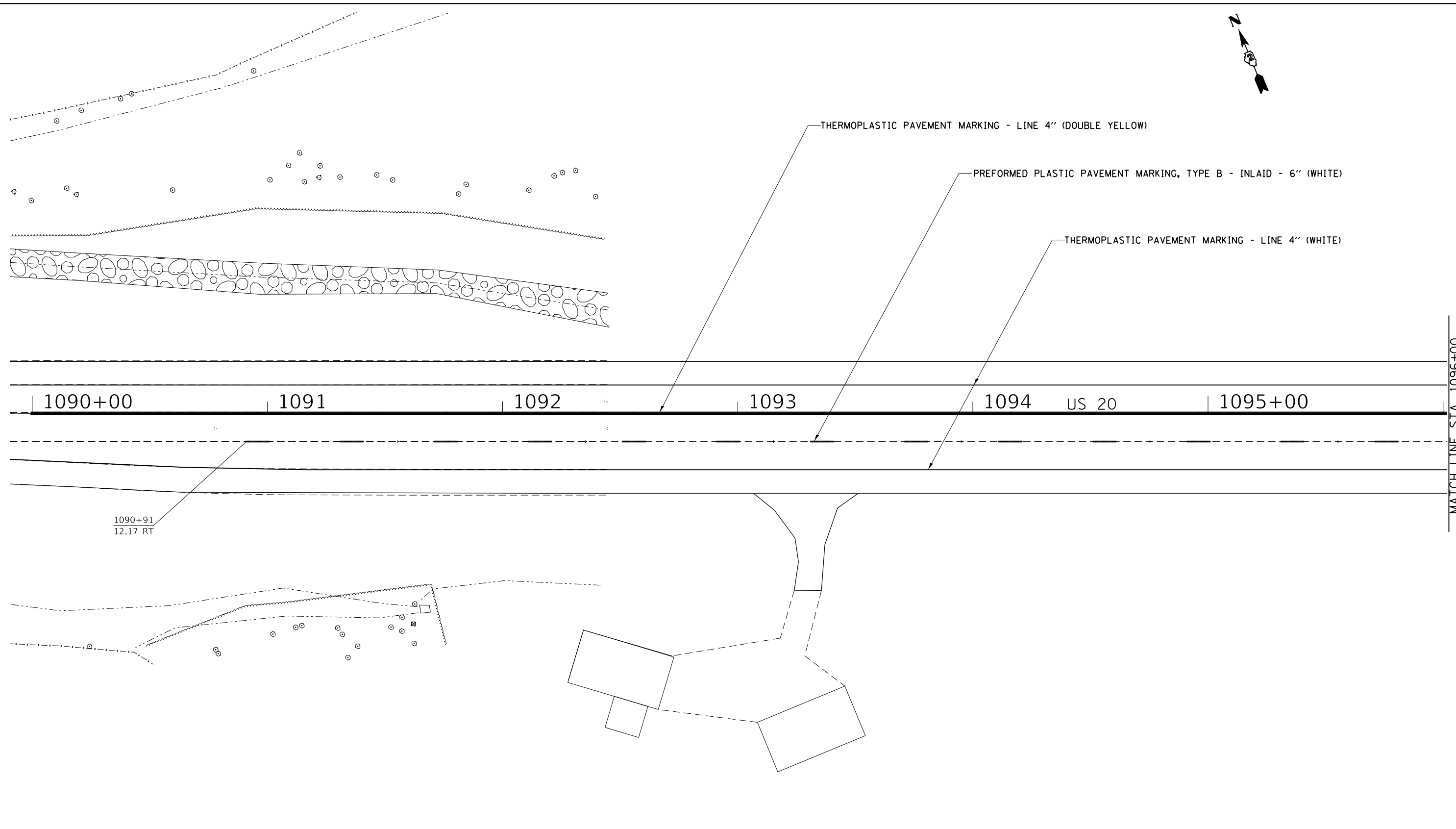
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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	51
CONTRACT NO. 64M39				
		ILLINOIS	FED. AID PROJECT	



MATCH LINE STA. 1096+00

SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

MODEL: Default
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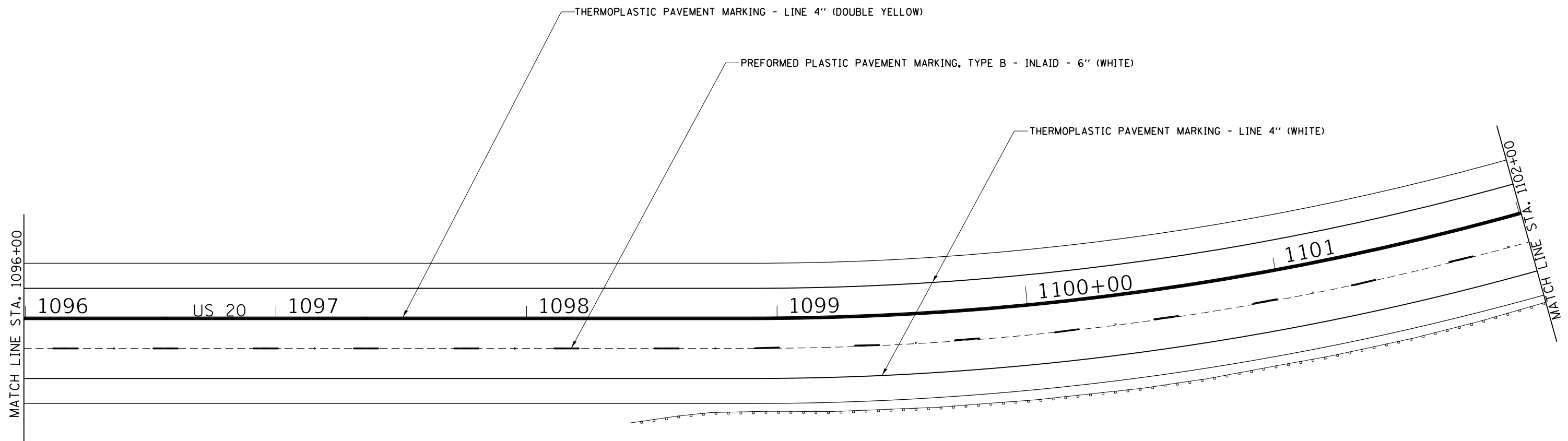
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DRAWN -	REVISIED -	
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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	52
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 1096+00

MATCH LINE STA. 1102+00

SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

MODEL: Default
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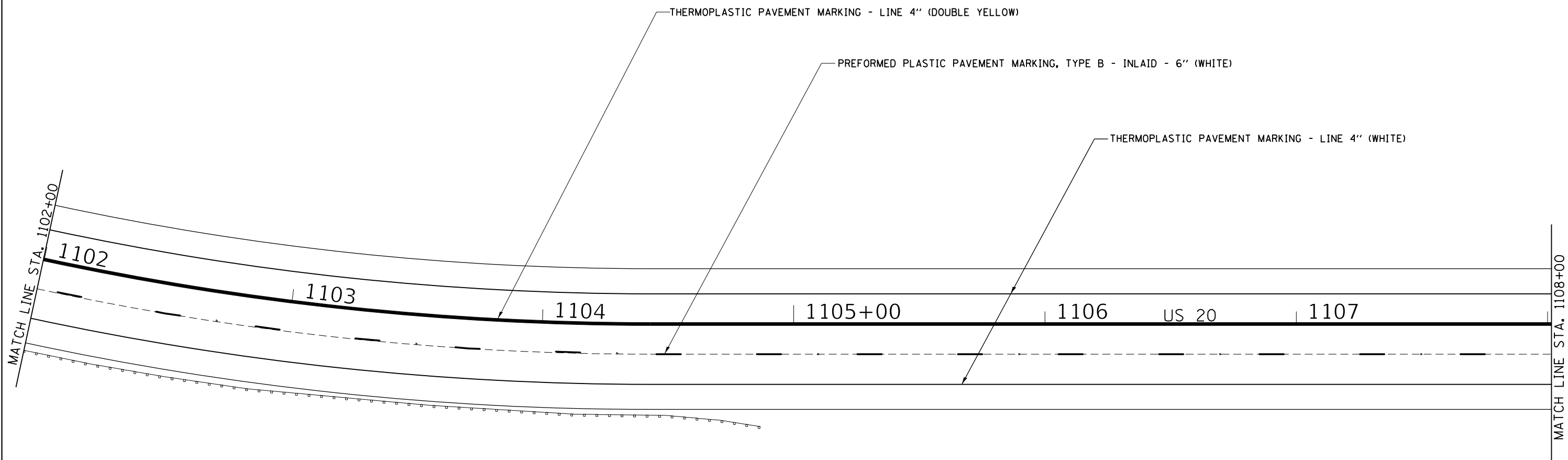
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PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	53
CONTRACT NO. 64M39				
		ILLINOIS	FED. AID PROJECT	

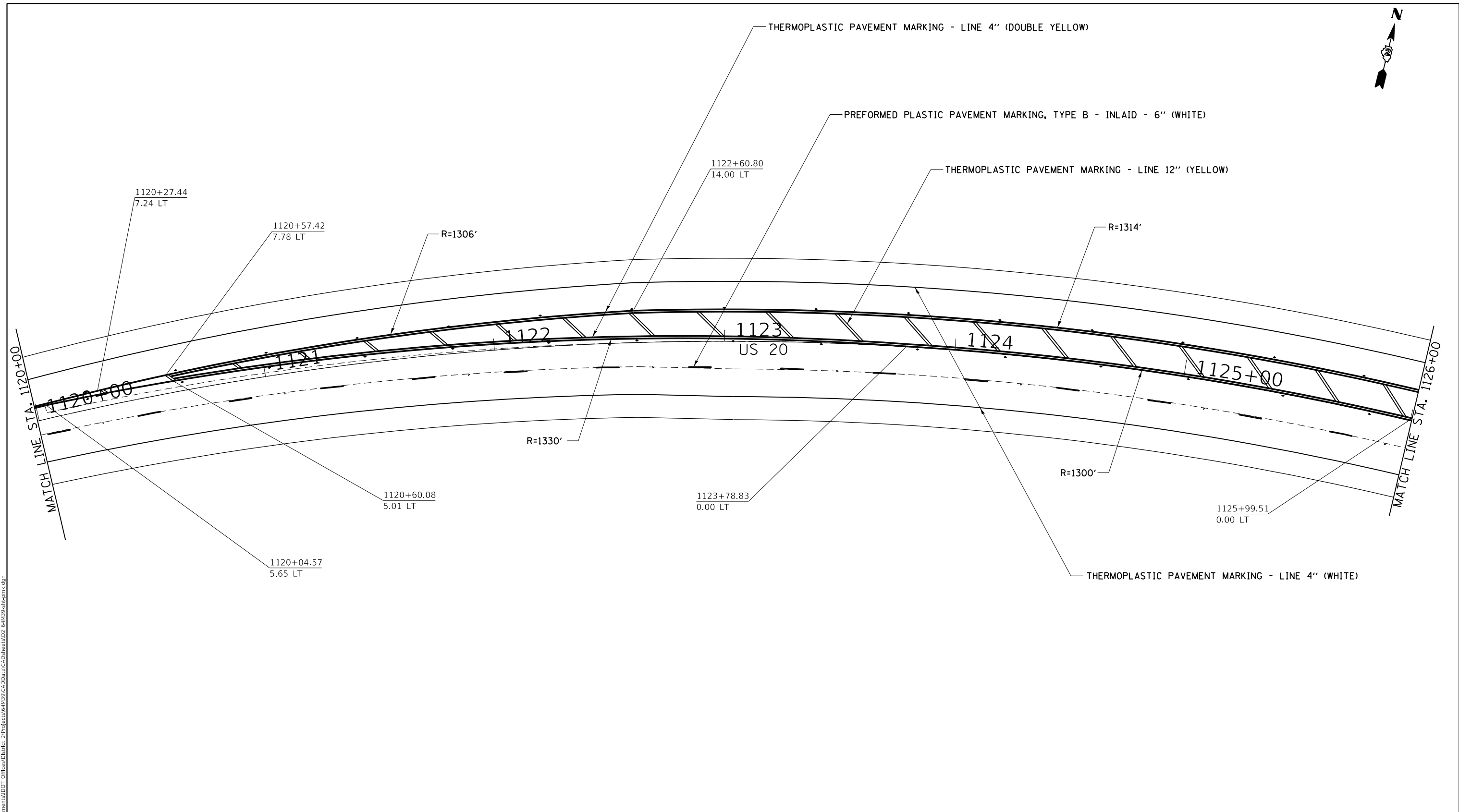


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SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

	USER NAME = ankneyde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING US 20 /IL 84				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	301	29RS-8	JO DAVIESS	76 54
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 64M39									
	PLOT DATE = 1/18/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									



SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

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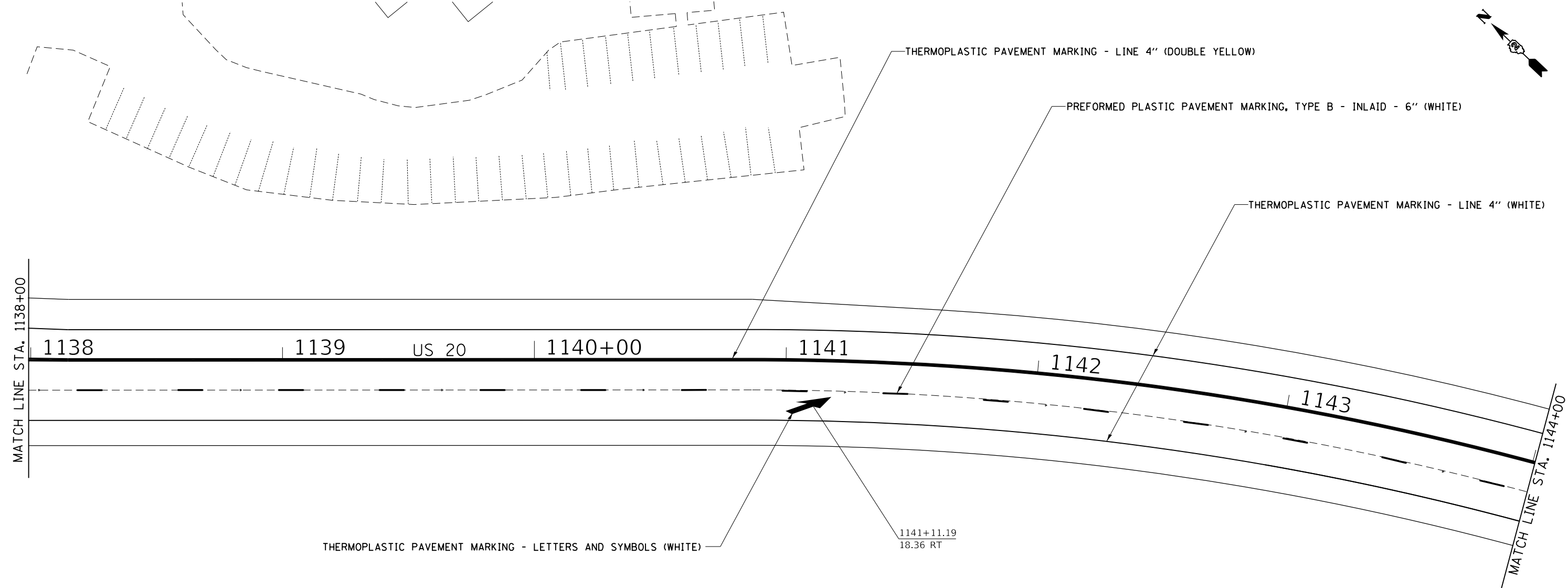
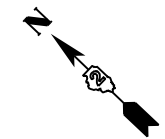
USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	57
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) 1141+11.19
18.36 RT

SEE DISTRICT STANDARD 41.1 FOR RAISED REFLECTOR MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

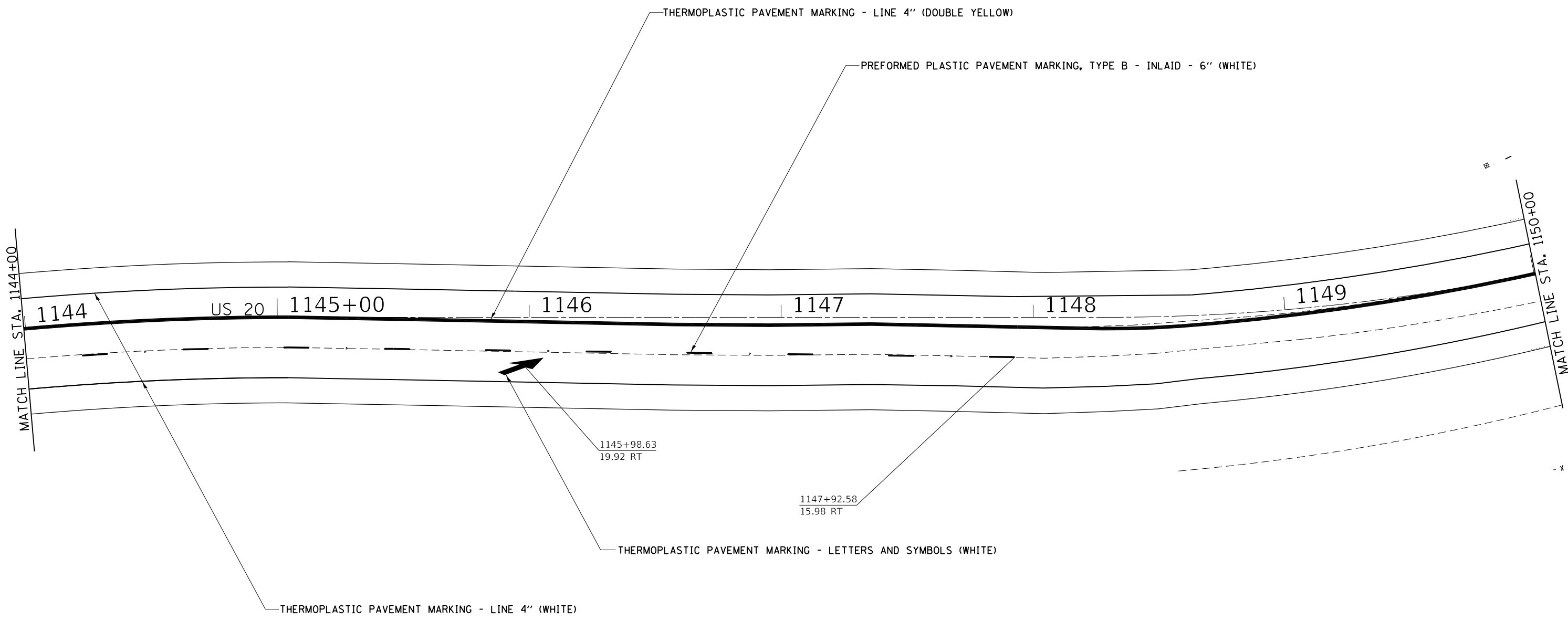
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USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING				
US 20 /IL 84				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	60
			CONTRACT NO. 64M39	
		ILLINOIS	FED. AID PROJECT	



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SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

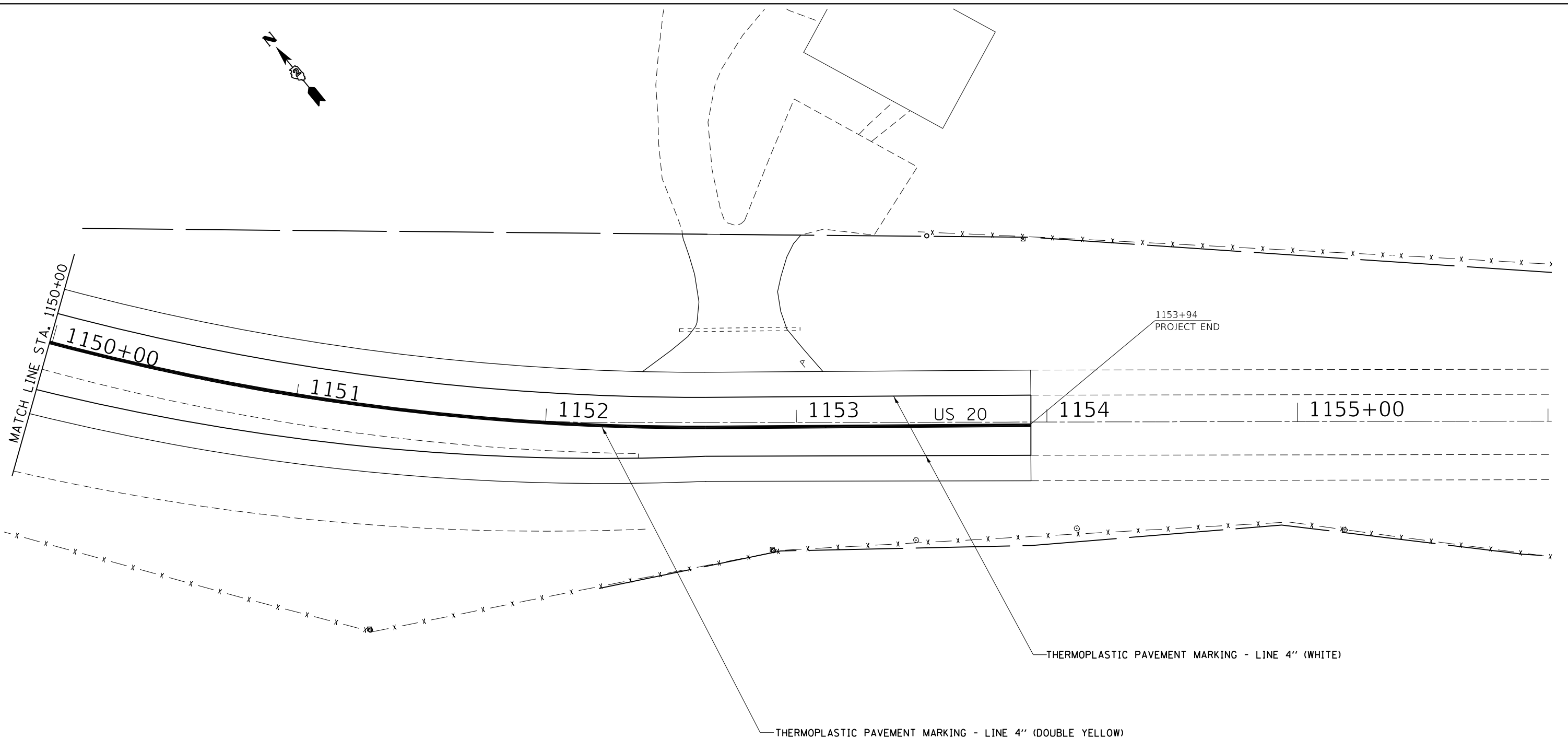
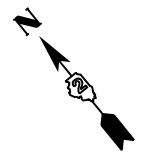
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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	61
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



SEE DISTRICT STANDARD
41.1 FOR RAISED REFLECTOR
MARKERS DETAILS

- ◆ TWO-WAY AMBER
- ◀ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

MODEL: Default
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	DRAWN -	REVISED -
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PLOT DATE = 1/18/2019	DATE -	REVISED -

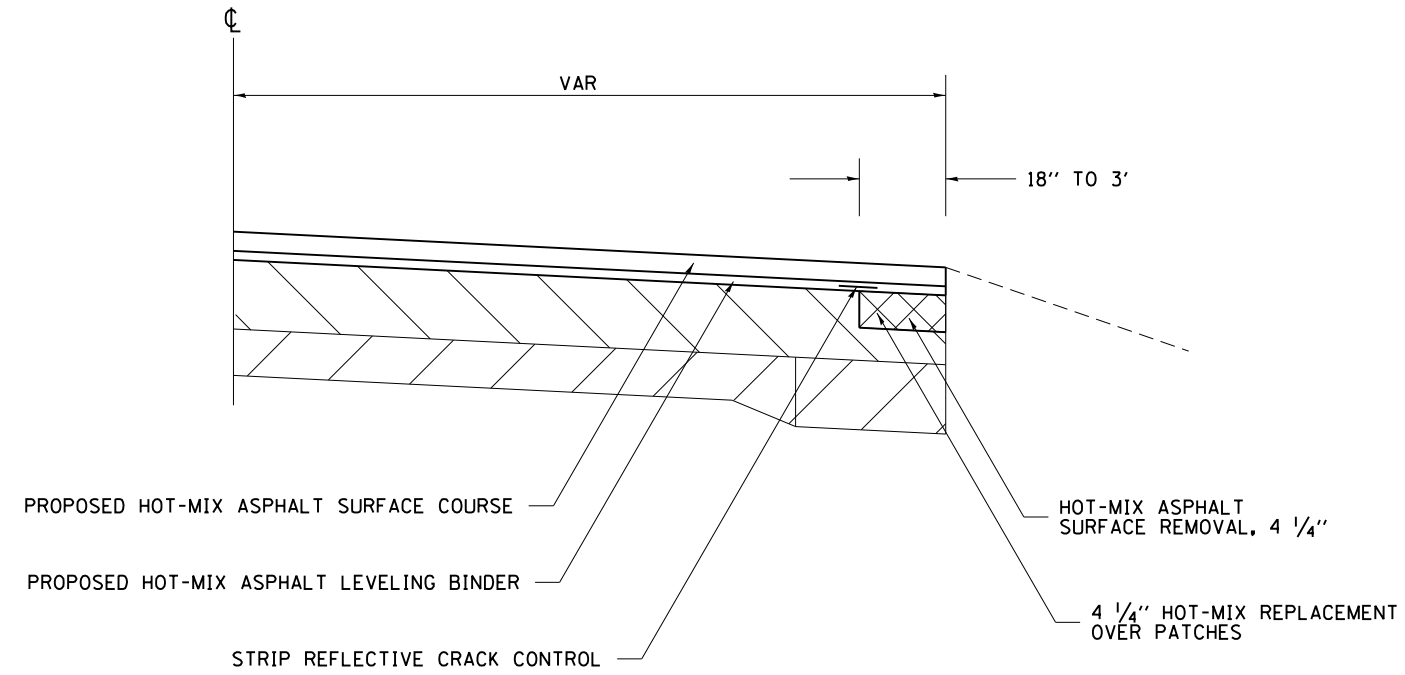
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
US 20 /IL 84**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JO DAVIESS	76	62
CONTRACT NO. 64M39				
ILLINOIS FED. AID PROJECT				

EDGE OF PAVEMENT REPAIR DETAIL



MODEL: Default
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

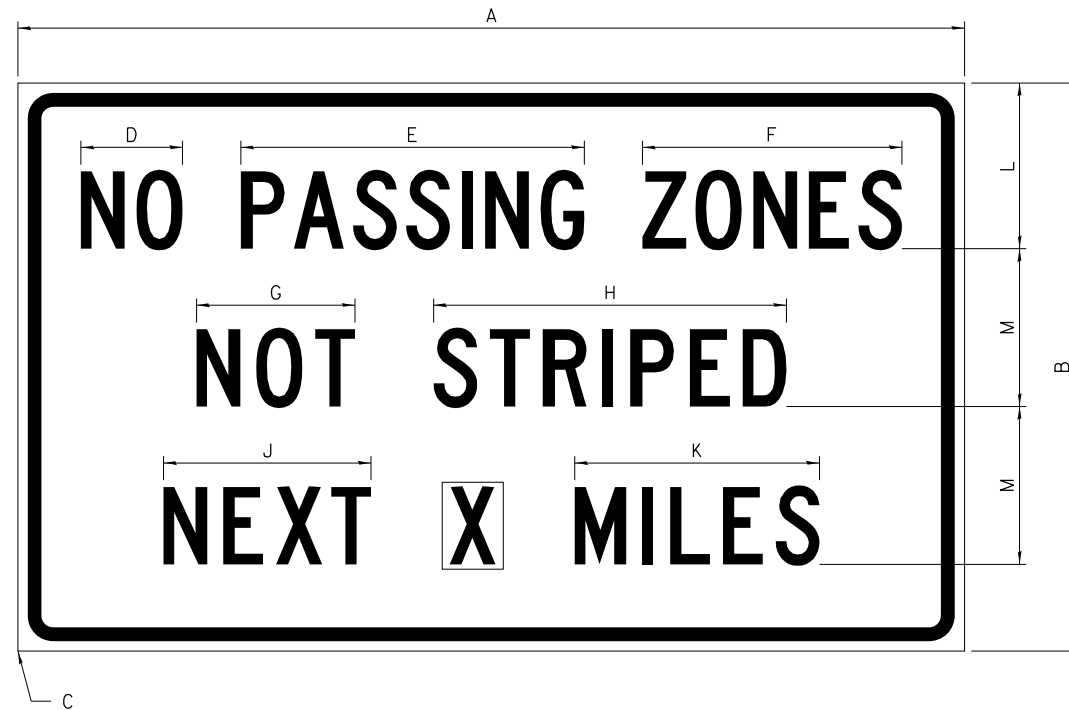
EDGE OF PAVEMENT REPAIR DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	63
CONTRACT NO. 64M39			ILLINOIS FED. AID PROJECT	

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



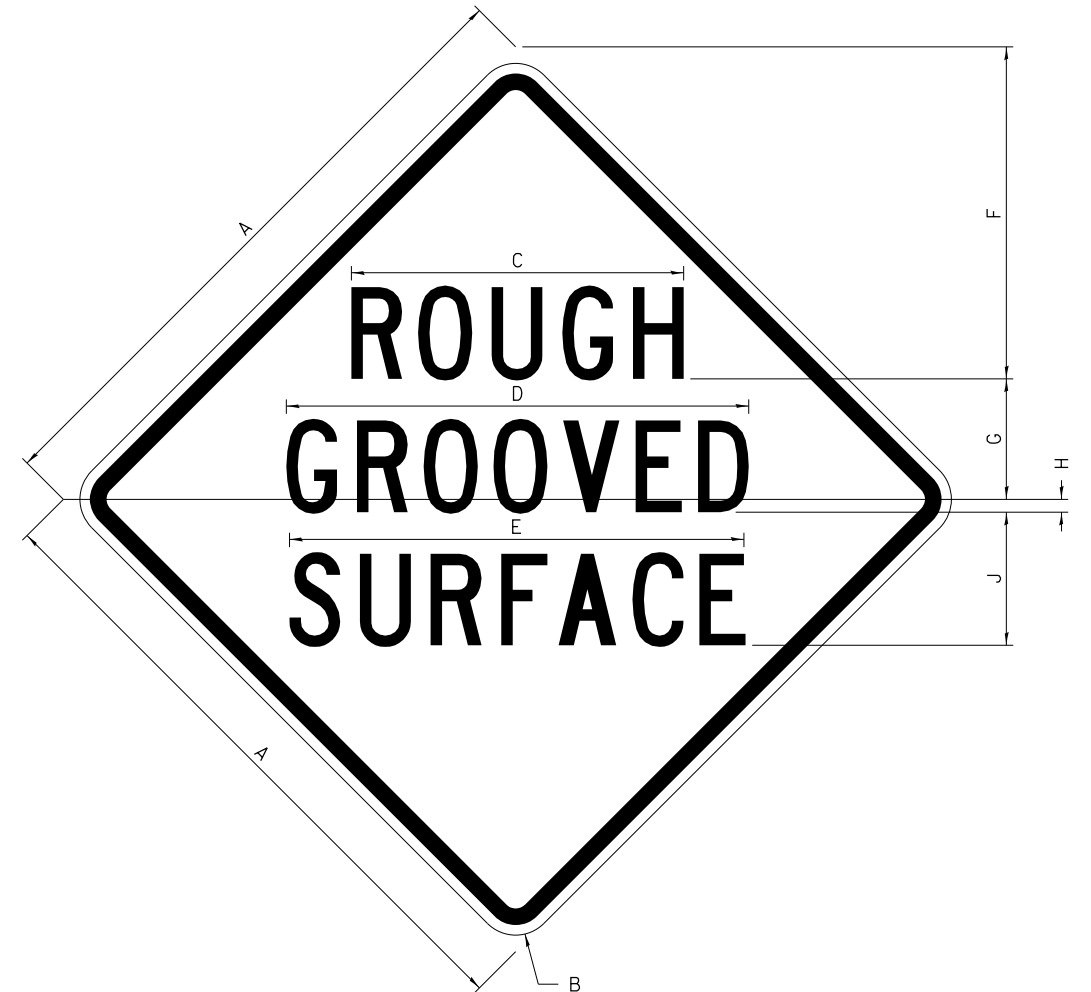
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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

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

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.

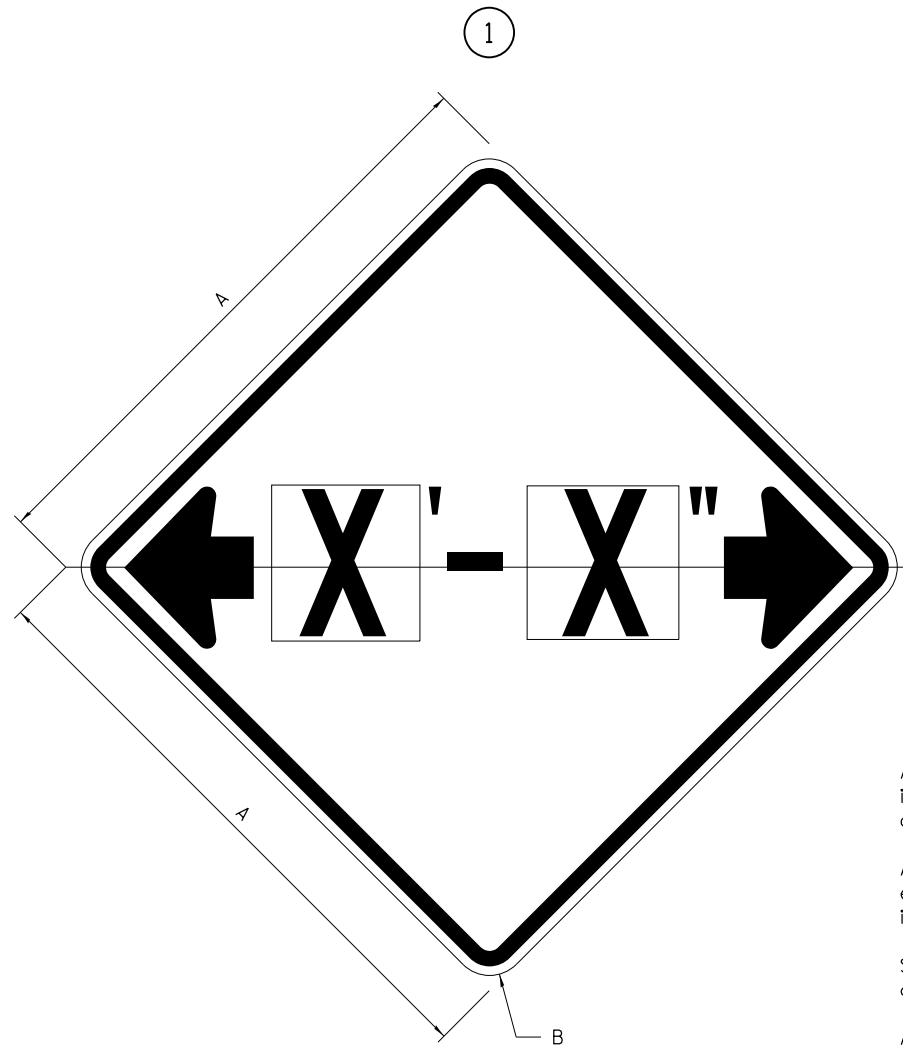
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

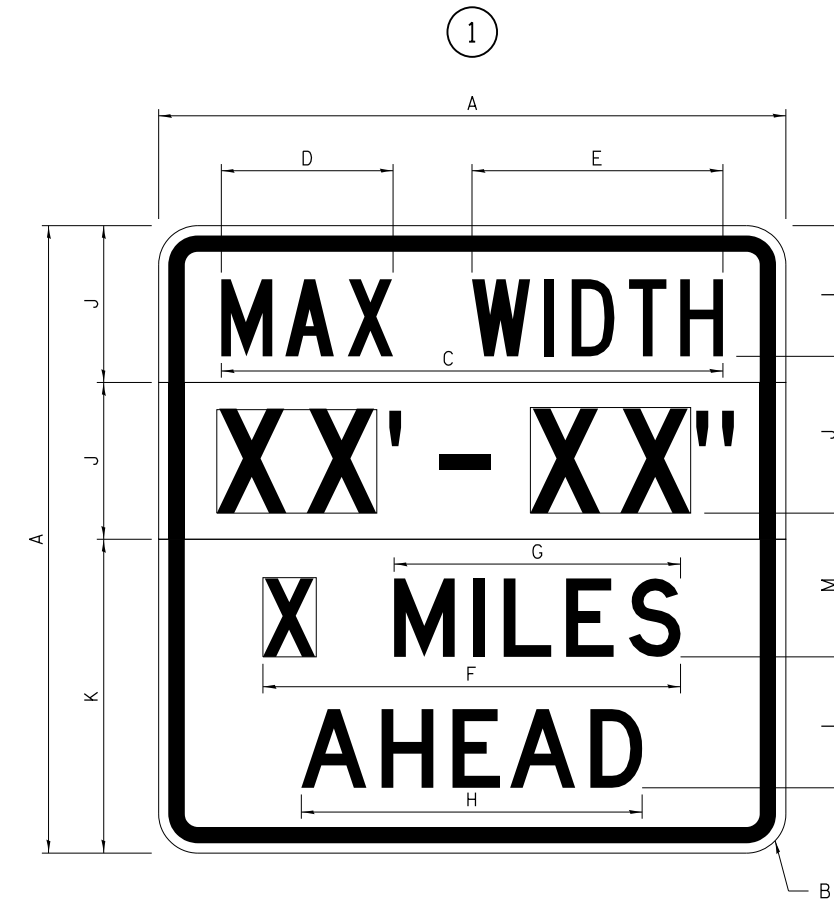
FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\64M39\Drawings\CABsheets\02.64M39-sht-details	DRAWN -	REVISOR -	301			29RS-8	JODAVIESS	76	64	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISOR -	CONTRACT NO. 64M39							
PLOT DATE = 1/18/2019	DATE -	REVISOR -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE:						SHEET NO.	OF SHEETS	STA.	TO STA.	

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



ILLINOIS STANDARD W12-I103



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 REFLECTORIZED

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

COLOR LEGEND AND BORDER BACKGROUND (WIDTH) BLACK WHITE FL ORANGE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

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 =	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\64M39\Drawings\CABsheets\02.64M39-sht-details		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

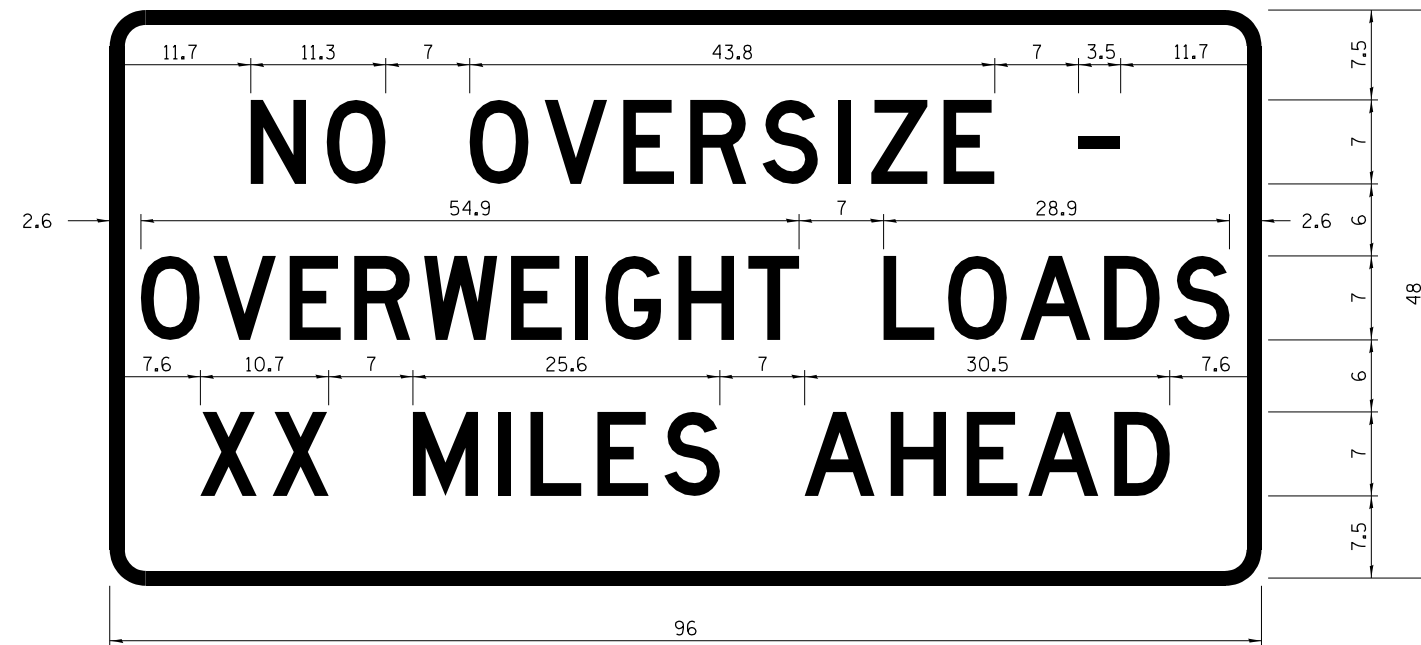
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	65
CONTRACT NO. 64M39				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE NON-REFLECTORIZED 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.

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

Sign not to scale

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

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.

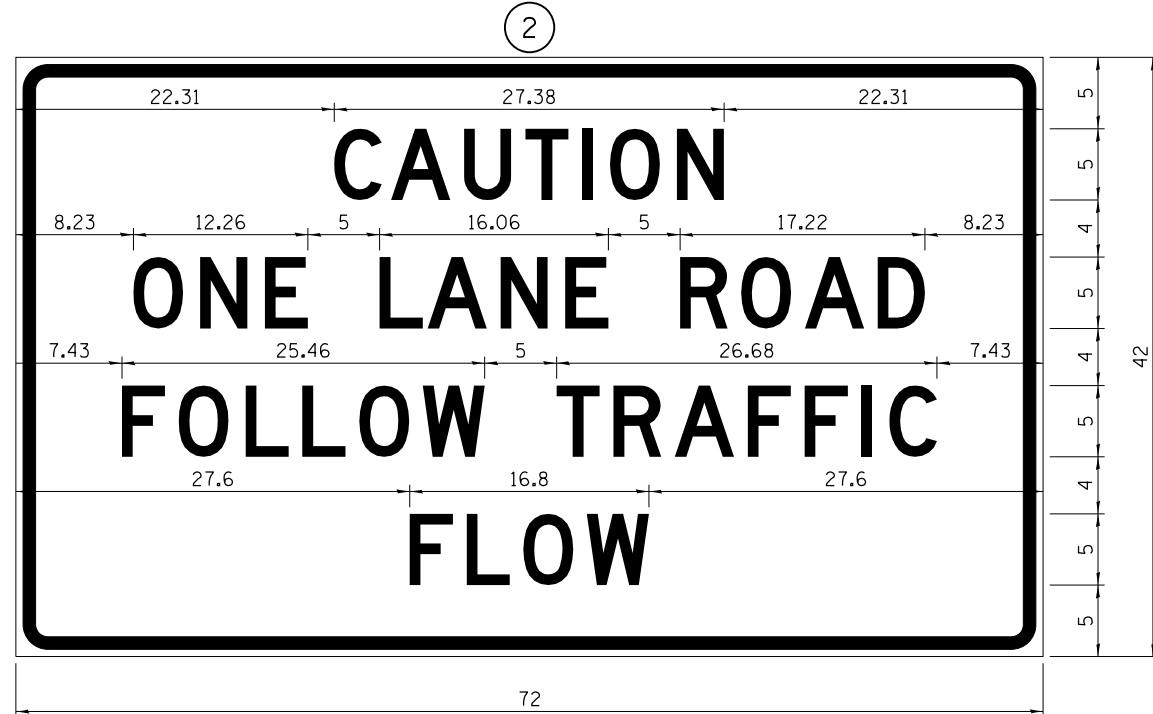
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\64M39\Drawings\CAB\Drawings\02-64M39-sht-details	DRAWN -	REVISED -	301			29RS-8	JODAVIESS	76	66	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 64M39							
PLOT DATE = 1/18/2019	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS



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	0.62	A	0.94	U	0.94	T	0.94	I	1.17	O	1.17	N	3.36	22.31
	3.36		4.18		3.36		3.04		0.78		3.52		3.36		

8.23	O	1.17	N	1.18	E
	3.51		3.36		3.04

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

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

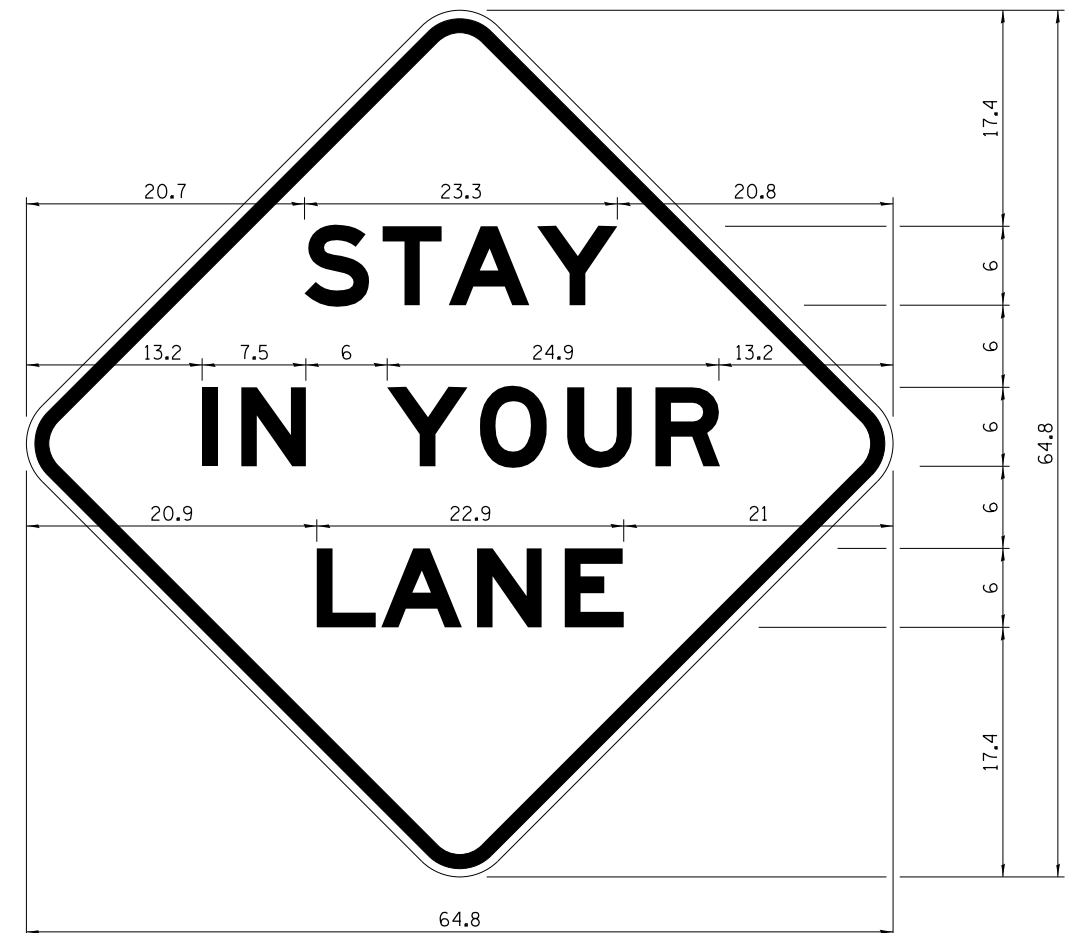
7.43	F	0.94	O	1.17	L	0.94	L	0.94	O	0.94	W
	3.04		3.52		3.04		3.05		3.51		4.37

5.00	T	0.94	R	0.94	A	0.93	F	0.94	F	0.94	I	1.18	C	7.43
	3.05		3.36		4.18		3.05		3.04		0.78		3.35	

27.60	F	0.94	L	0.94	O	0.93	W	27.60
	3.05		3.04		3.52		4.38	

Sign not to scale

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	T	A	Y
20.7	26.8	31.6	38.0

I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

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.

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16
pw\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\64M39\Drawings\CABsheets\02_64M39-sht-details		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 1/18/2019	DATE -	REVISED -

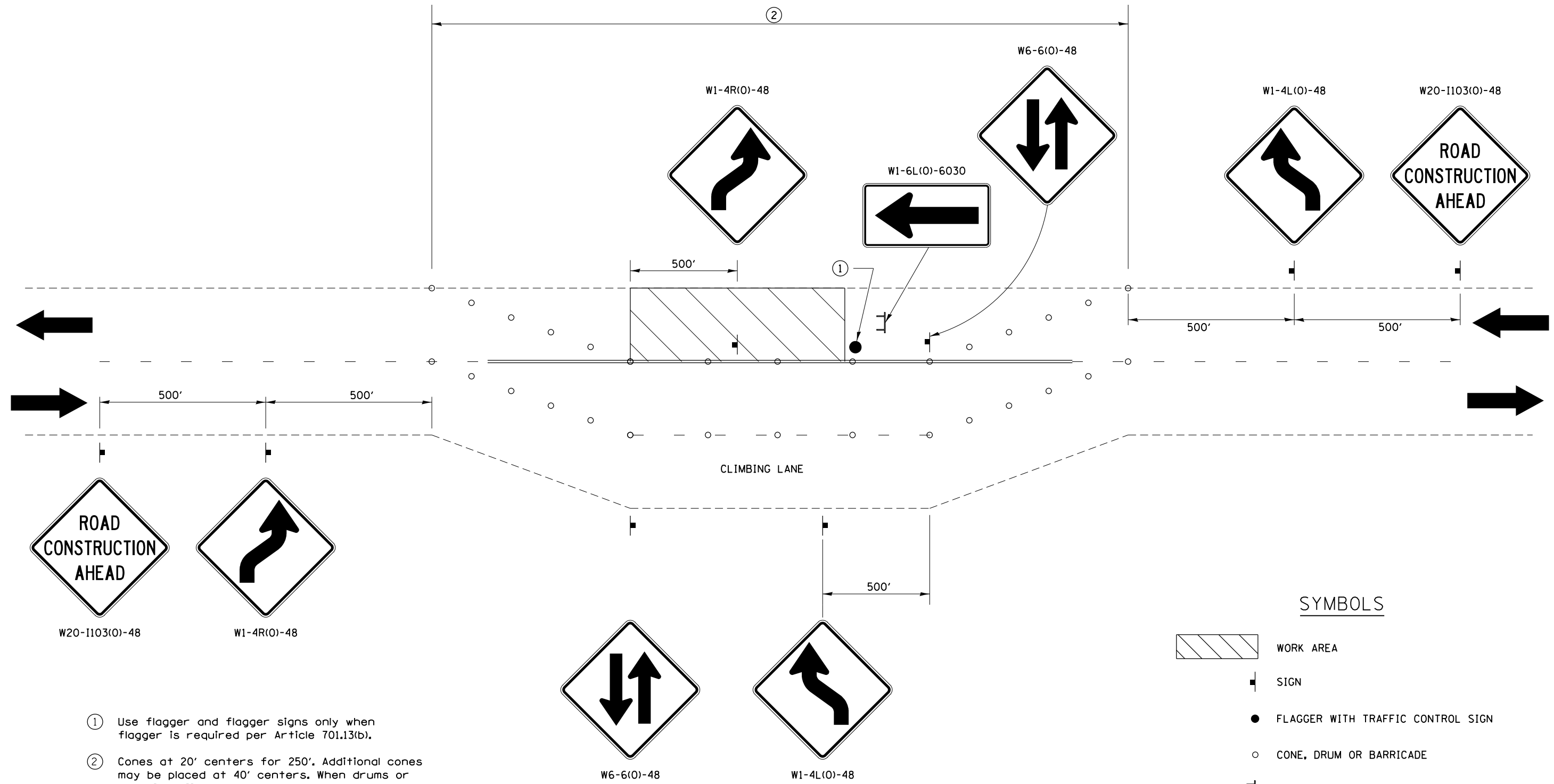
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	67
CONTRACT NO. 64M39				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL FOR THREE LANE SECTION CASE 1



- ① Use flagger and flagger signs only when flagger is required per Article 701.13(b).
- ② Cones at 20' centers for 250'. Additional cones may be placed at 40' centers. When drums or type I or II barricades are used, the interval between devices may be doubled.

SYMBOLS

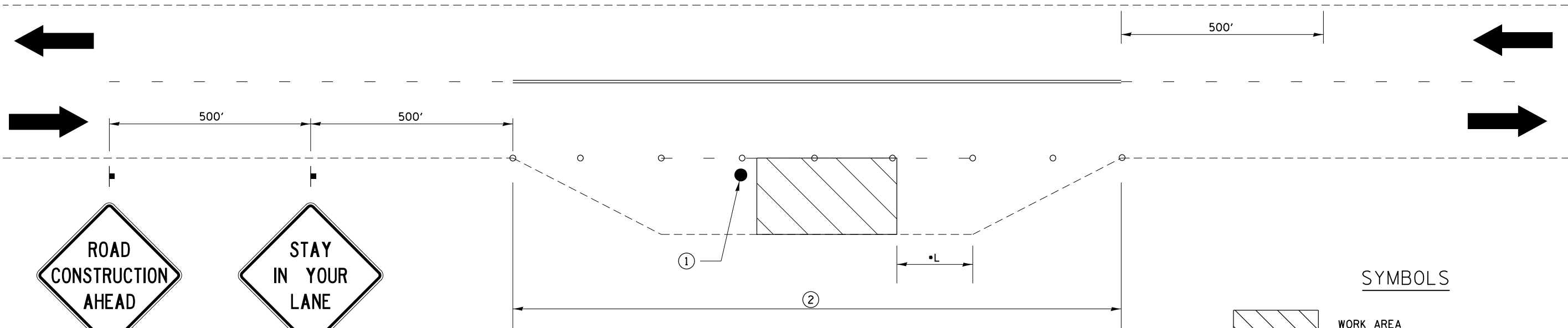
- WORK AREA
- SIGN
- FLAGGER WITH TRAFFIC CONTROL SIGN
- CONE, DRUM OR BARRICADE
- TYPE III BARRICADE

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			REVISED - 8-27-13					301	29RS-8	JODAVIESS	76	68
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - 7-30-13			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
	PLOT DATE = 1/18/2019	DATE -	REVISED -								CONTRACT NO. 64M39	

TRAFFIC CONTROL FOR THREE LANE SECTION CASE 2

W20-1103(0)-48



SYMBOLS

- WORK AREA
- SIGN
- FLAGGER WITH TRAFFIC CONTROL SIGN
- CONE, DRUM OR BARRICADE

- ① Use flagger and flagger signs only when flagger is required per Article 701.13(b).
- ② Cones at 20' centers for 250'. Additional cones may be placed at 40' centers. When drums or type I or II barricades are used, the interval between devices may be doubled.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

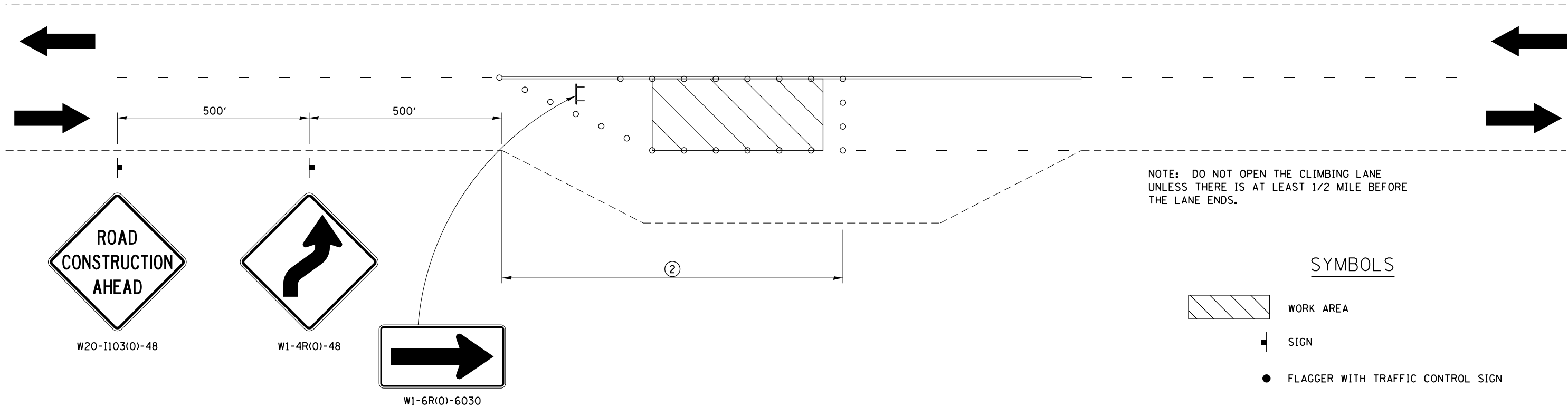
*IF THE WORK ENDS WITHIN 2500 FEET OF THE TRANSITION WHEN THE SPEED IS > 40 MPH OR 1500 FEET FOR ALL OTHER SPEEDS, THE CLIMBING LANE SHALL REMAIN CLOSED AS SHOWN.

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED - 8-27-13			301	29RS-8	JODAVIESS	76	69	
			REVISED - 7-30-13			CONTRACT NO. 64M39					
			REVISED -			ILLINOIS FED. AID PROJECT					
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISIONS	SCALE:		SHEET NO. OF SHEETS		STA. TO STA.			
PLOT DATE = 1/18/2019		DATE -									

TRAFFIC CONTROL FOR THREE LANE SECTION

CASE 4

W20-1103(O)-48



NOTE: DO NOT OPEN THE CLIMBING LANE UNLESS THERE IS AT LEAST 1/2 MILE BEFORE THE LANE ENDS.

SYMBOLS

- WORK AREA
- SIGN
- FLAGGER WITH TRAFFIC CONTROL SIGN
- CONE, DRUM OR BARRICADE
- TYPE III BARRICADE

② Cones at 20' centers for 250'. Additional cones may be placed at 40' centers. When drums or type I or II barricades are used, the interval between devices may be doubled.

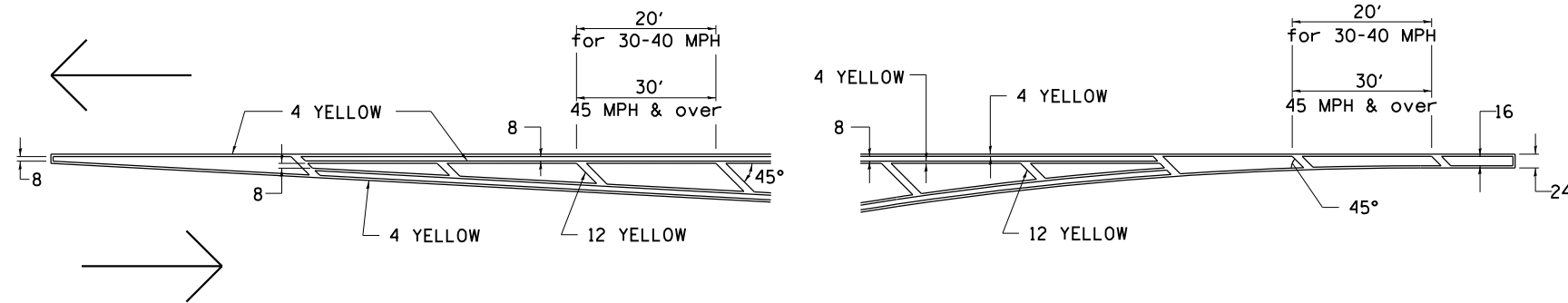
THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

CASE 4 APPLIES WHEN NO WORKERS ARE PRESENT. WHEN WORKERS ARE PRESENT, TWO LANES SHALL BE CLOSED AND TRAFFIC CONTROL SHALL BE ACCORDING TO CASE 3.

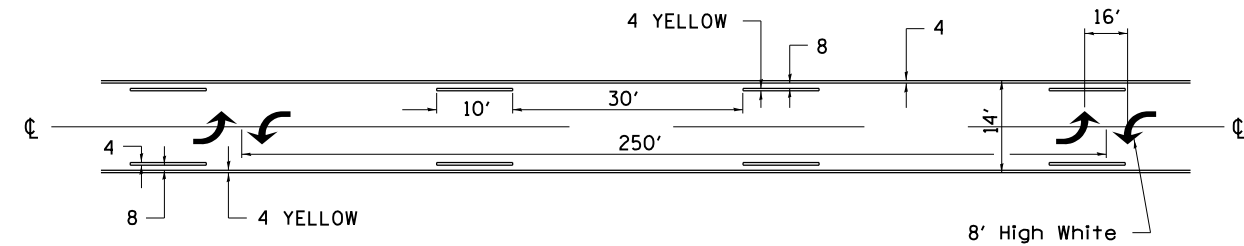
FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						301	29RS-8	JODAVIESS	76	71	
						CONTRACT NO. 64M39					
						ILLINOIS FED. AID PROJECT					
				SCALE:		SHEET NO. OF SHEETS		STA. TO STA.			

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

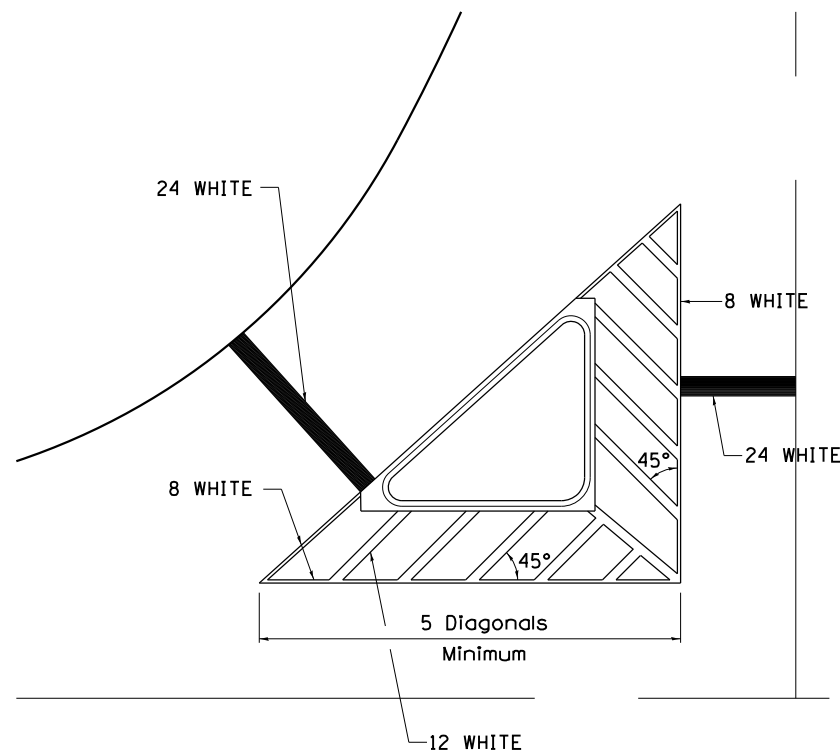


MEDIAN PAVEMENT MARKING



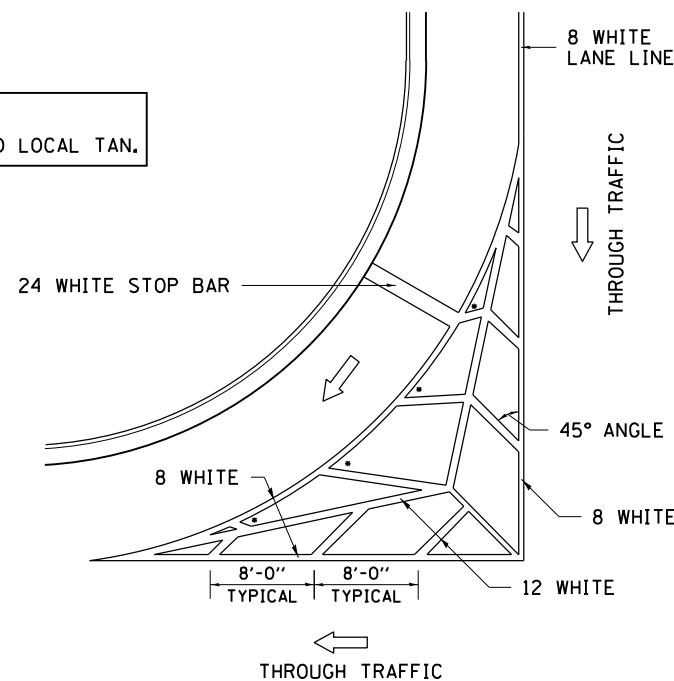
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



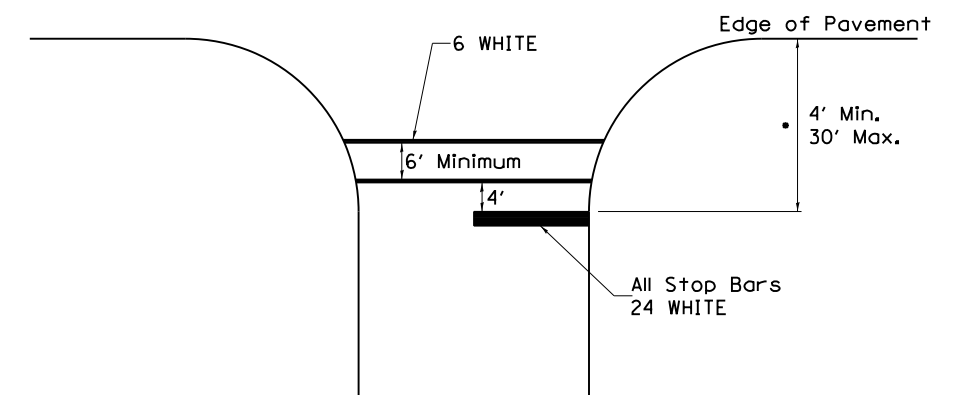
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



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

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 6-27-14
p:\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\64M39\Drawings\CABsheets\02.64M39-sht-details		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

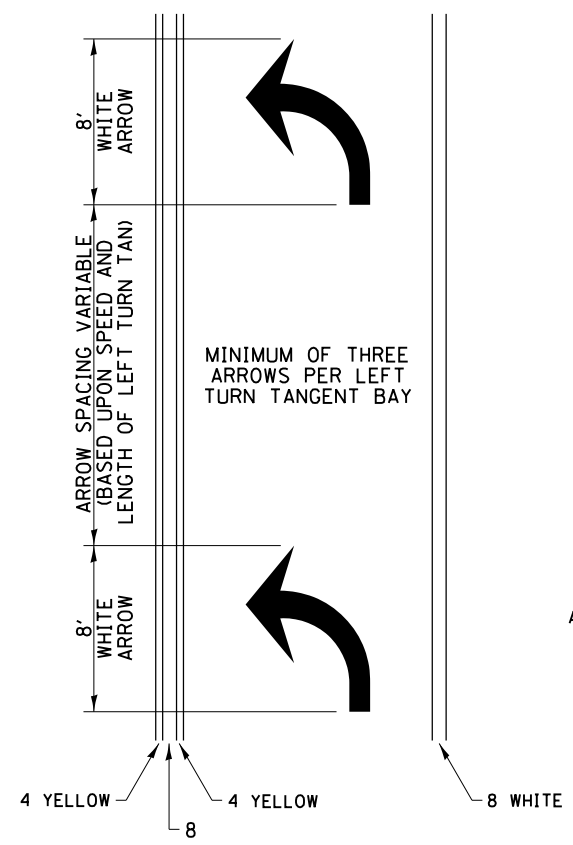
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	72
CONTRACT NO. 64M39				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

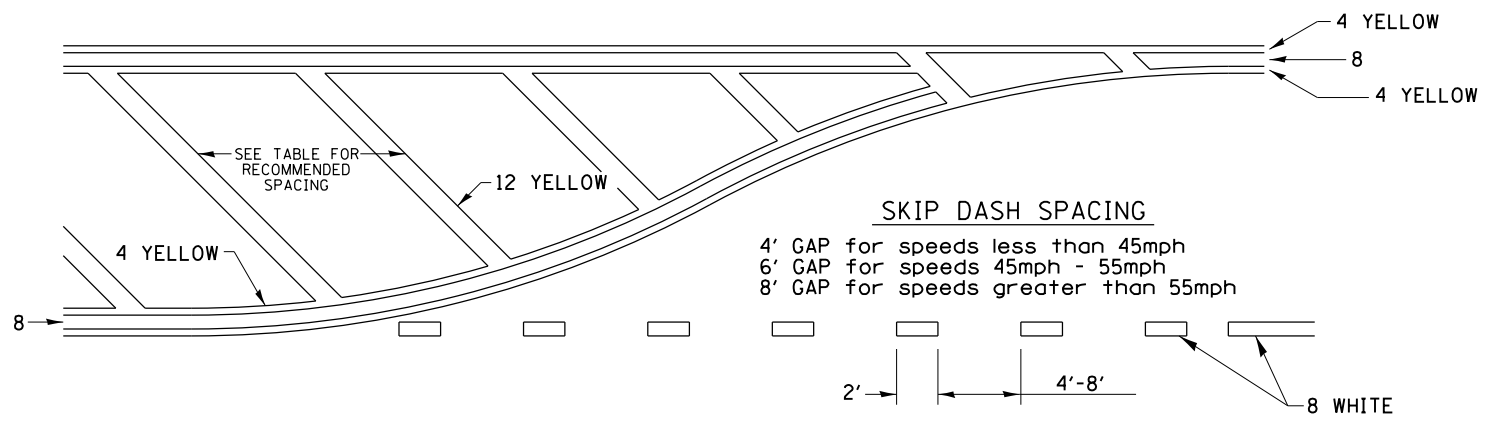
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

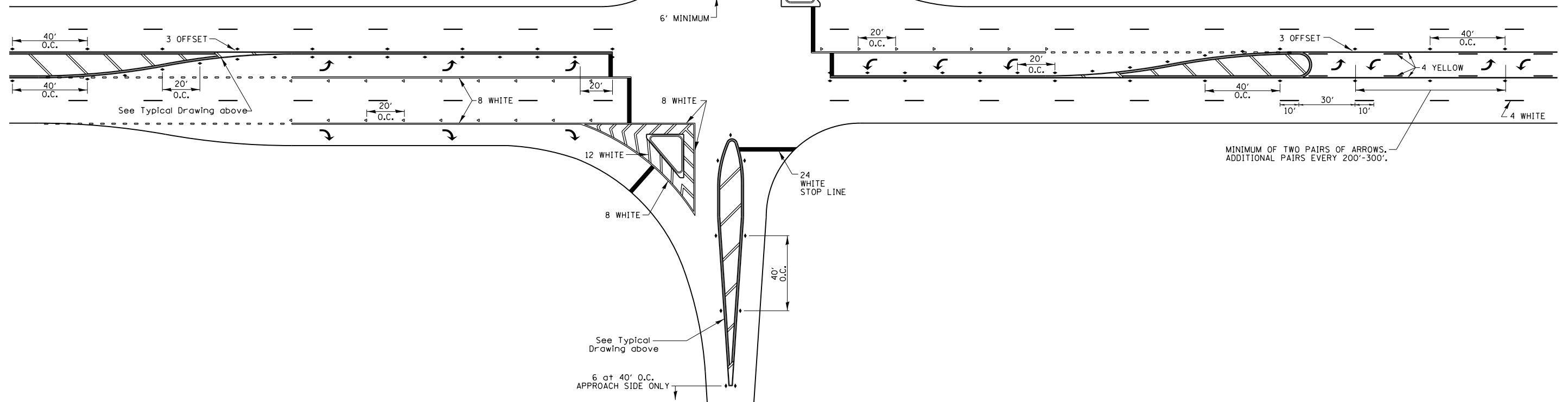
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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.



FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 6-27-14
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\64M39\Drawings\CABsheets\02.64M39-sht-detail.dwg		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/18/2019	DATE -	REVISED -

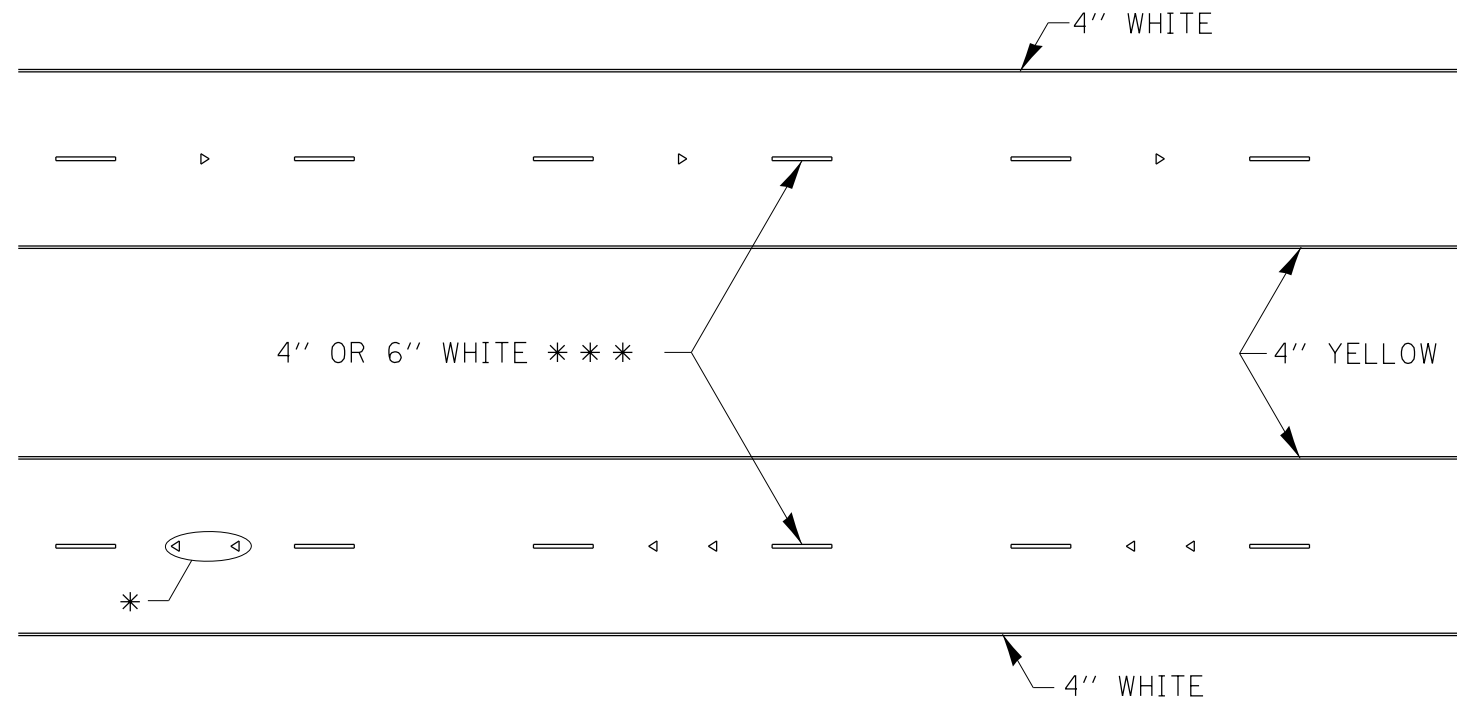
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

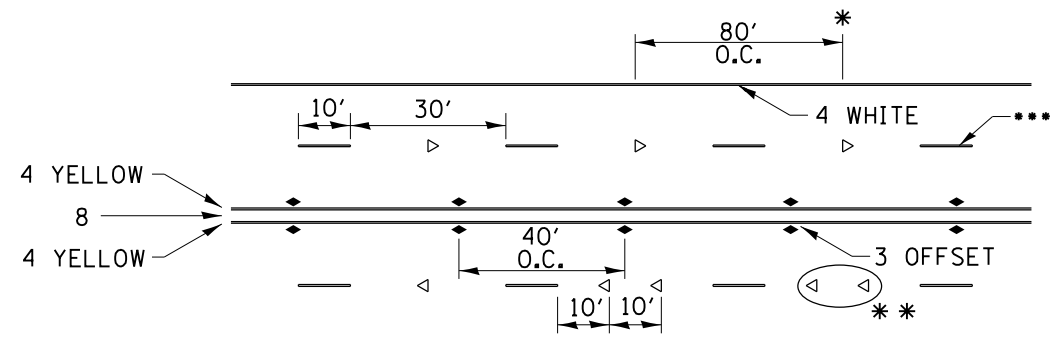
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-8	JODAVIESS	76	73
CONTRACT NO. 64M39				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT > 20,000.

MULTI-LANE / DIVIDED



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

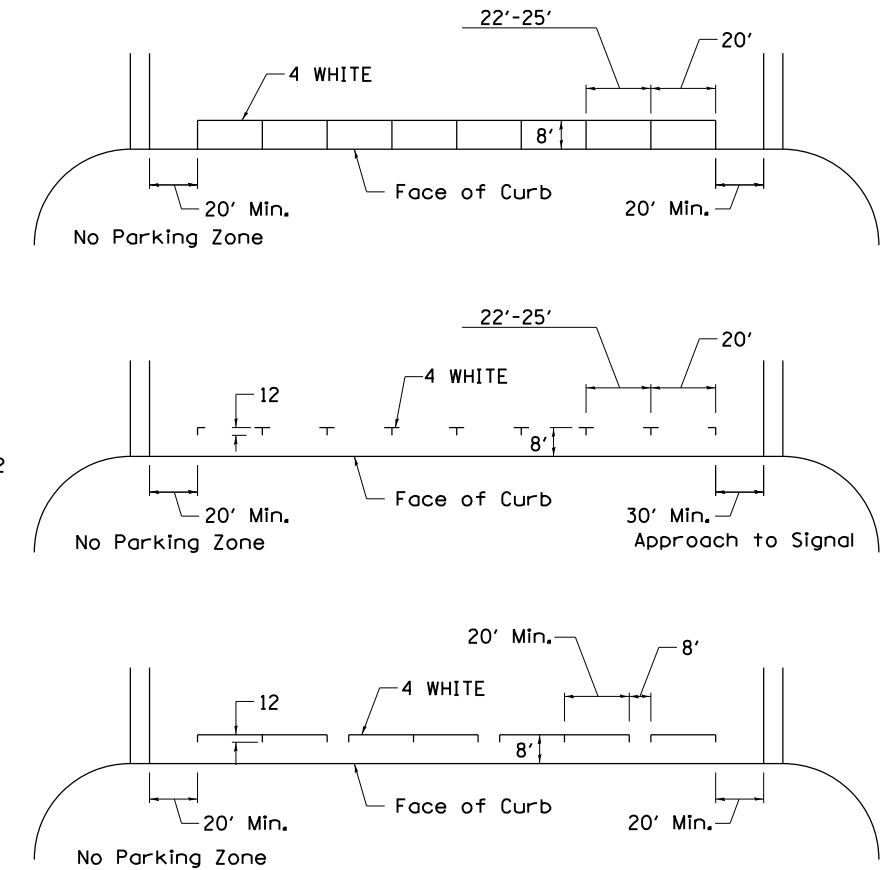
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

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

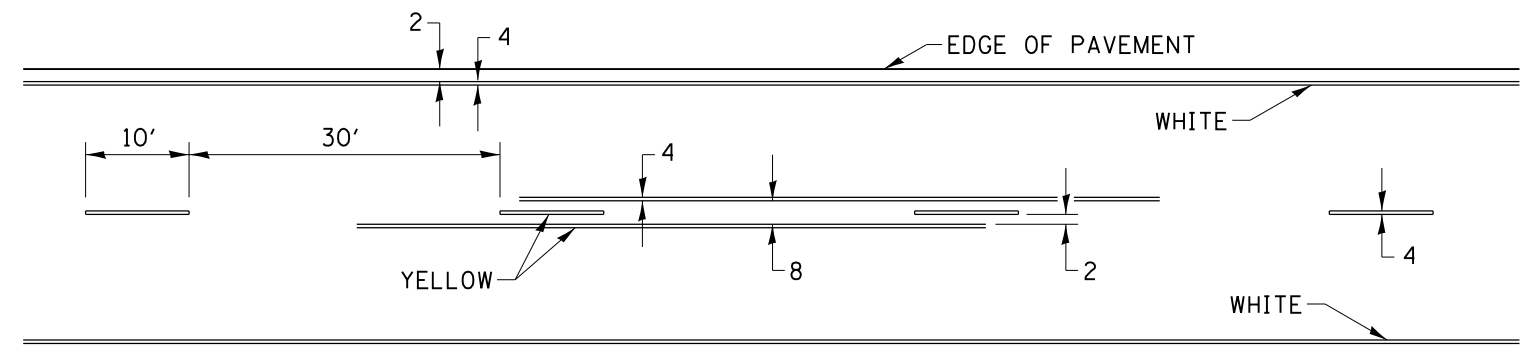
MULTI-LANE / UNDIVIDED & ONE WAY

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

TYPICAL PARKING SPACING



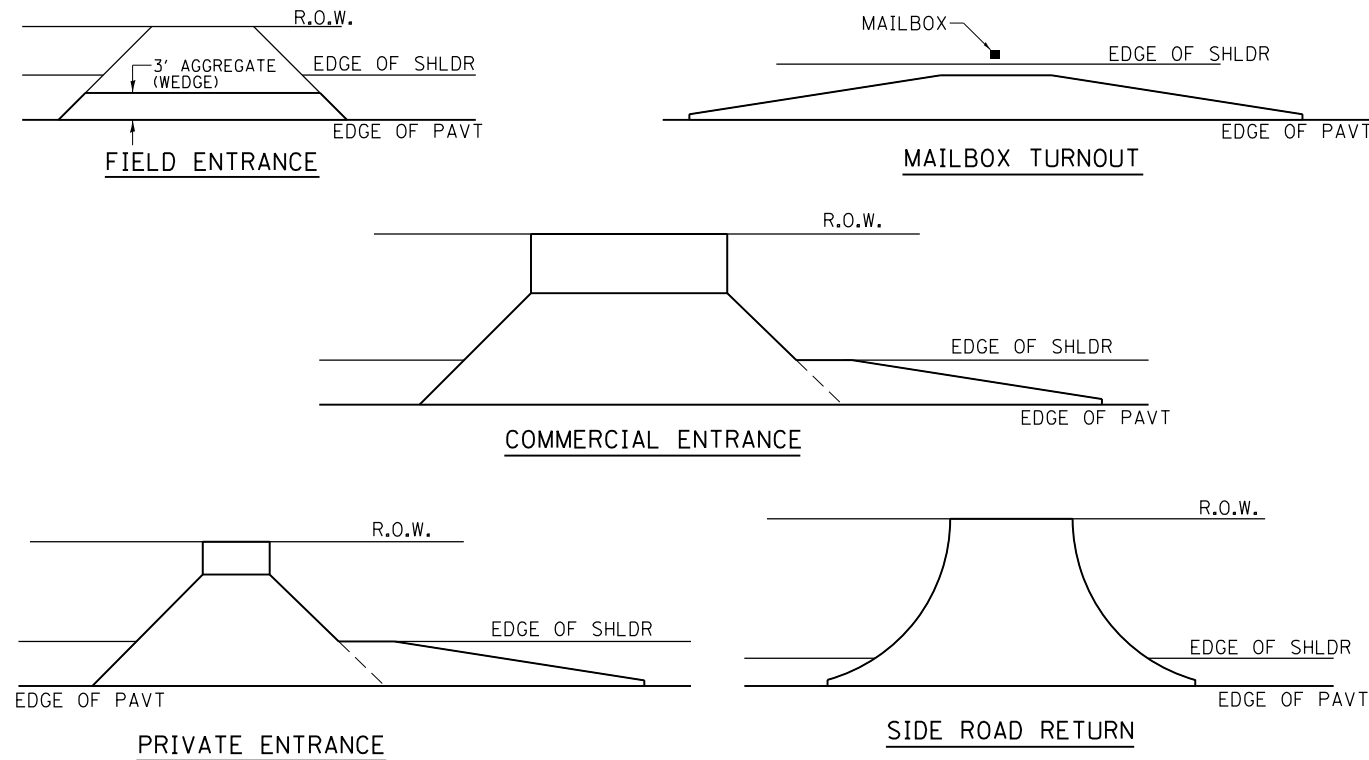
TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



SYMBOLS

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\64M39\DRAWING\CABsheets\02.64M39-sht-detail.dwg	DRAWN -	REVISED - 8-27-13	301					29RS-8	JODAVIESS	76	74	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - 11-28-12	CONTRACT NO. 64M39									
PLOT DATE = 1/18/2019	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

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

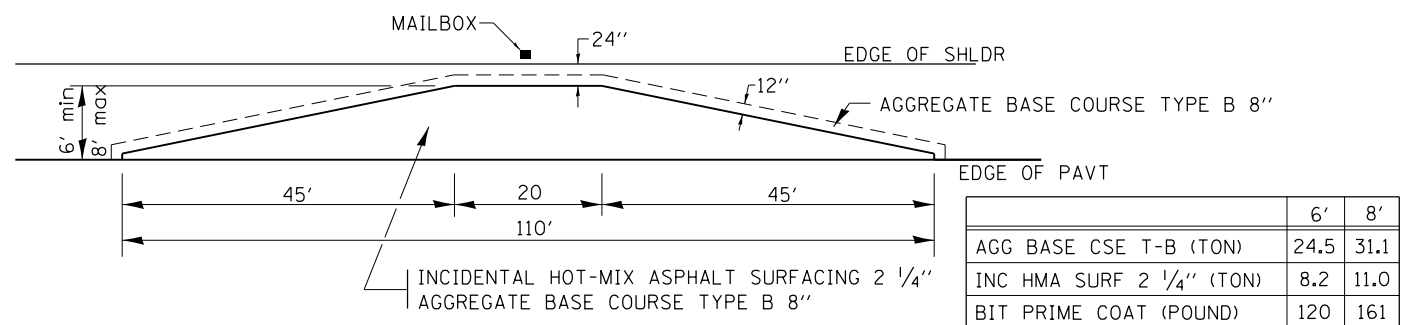


NOTE: EXISTING HMA PE's, CE's, SR's, & MB TURNOUTS
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on entrance to conform to the existing configuration.

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

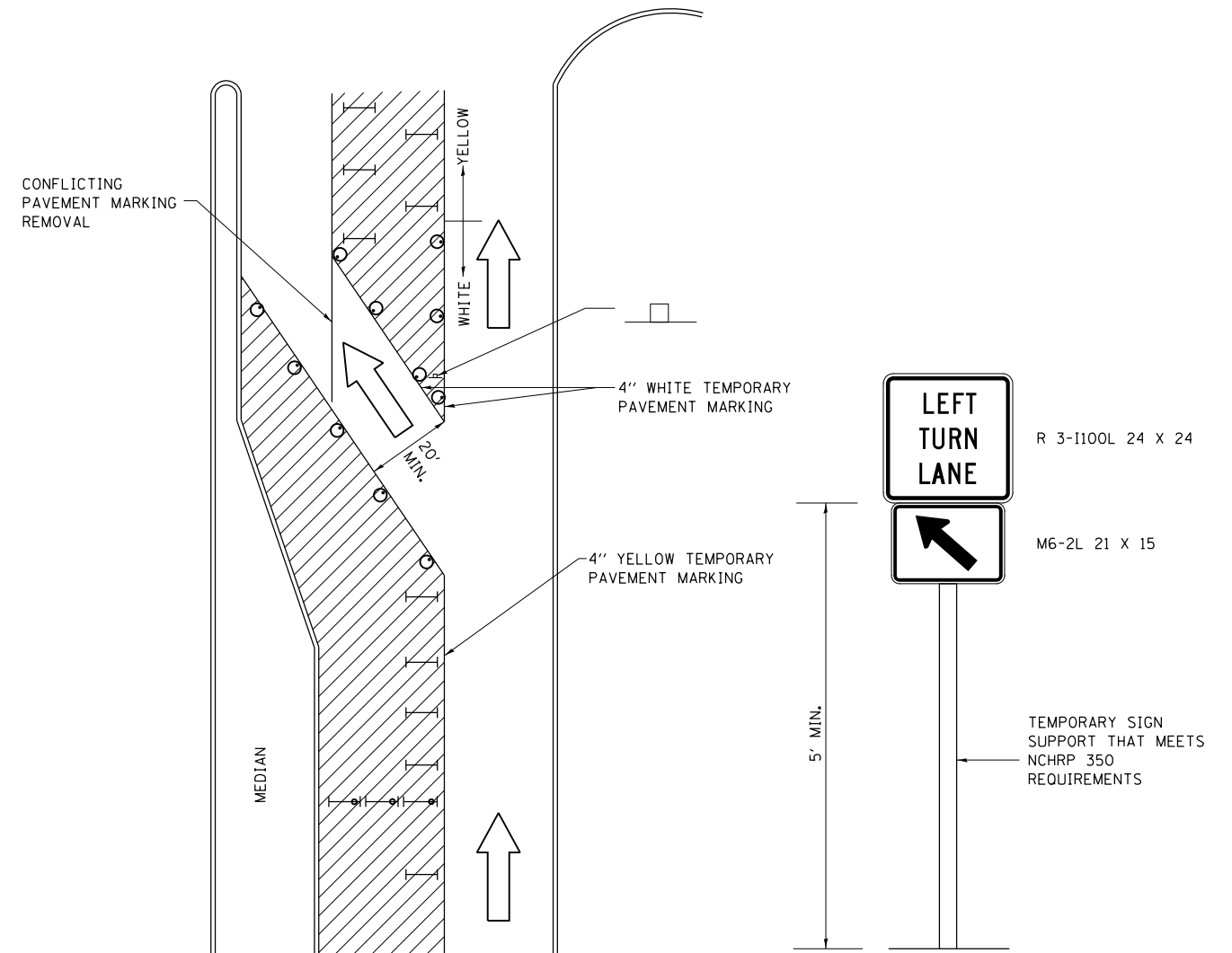
EXISTING AGG. SIDEROADS
Place 3" Incidental Hot-Mix Asphalt Surfacing on sideroad to conform to the present configuration.

EXISTING AGG. MAILBOX TURNOUTS
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

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT
- DRUM OR BARRICADE WITH STEADY BURN LIGHT
- SIGN (SEE DETAIL)
- TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN

GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED.

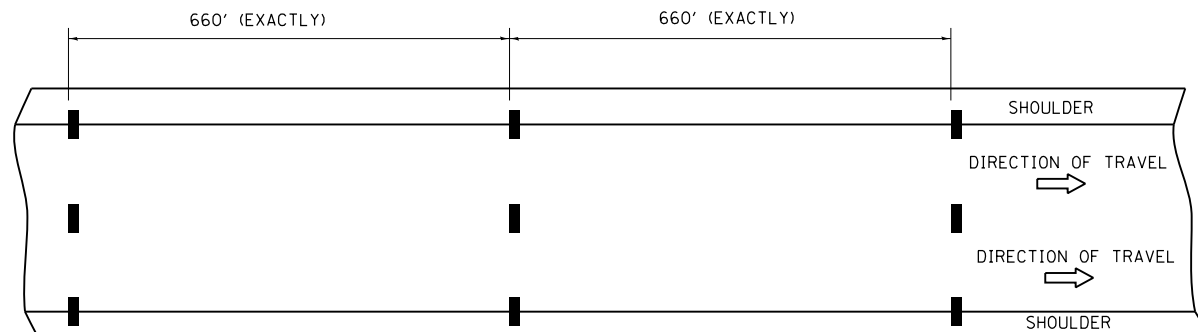
THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-14-11	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -			301	29RS-8	JODAVIESS	76	75
REVISED -	SCALE: 100.0000' / 1" = 100'	SHEET NO.	OF	SHEETS	STA.	TO	STA.
REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 64M39		

AERIAL SPEED CHECK ZONES



USE THERMOPLASTIC PAVEMENT MARKINGS MEETING THE REQUIREMENTS OF SECTION 782 OF THE STANDARD SPECIFICATIONS.

POLICE AERIAL SPEED CHECK ZONES

ESTABLISHED ZONES AND NEW ZONES REQUESTED BY THE ILLINOIS STATE POLICE SHALL BE MARKED CONSISTENT WITH THE REQUIREMENTS OF SECTION 3B.21 OF THE MUTCD. WHEN NEW ZONES ARE PLACED IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF THE MEASUREMENT CAN BE ATTESTED TO IN COURT.

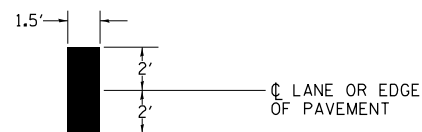
ILLINOIS STATE POLICE

DISTRICT 1 STERLING 815/632-4010 CARROLL, LEE, OGLE, WHITESIDE
 DISTRICT 7 EAST MOLINE 309/752-4915 HENRY, ROCK ISLAND
 DISTRICT 16 PECAATONICA 815/239-1152 BOONE, JO DAVIESS, STEPHENSON, WINNEBAGO

BASIS OF PAYMENT:

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR AERIAL SPEED CHECK MARKING.

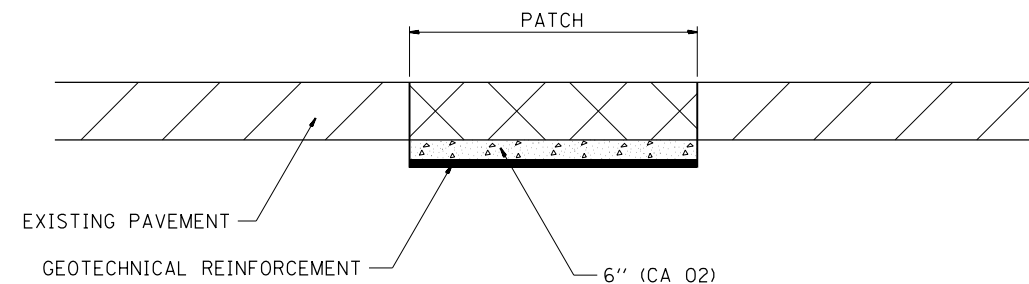
PAVEMENT MARKING DETAIL



REVISED - 1-05-16
 REVISED - 6-27-14
 REVISED - 8-27-13
 REVISED - 10-03-11

AERIAL SPEED CHECK ZONES 46.4

SUBGRADE REPLACEMENT



NOTES:

THE CA 02 SHALL BE COMPACTED 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.

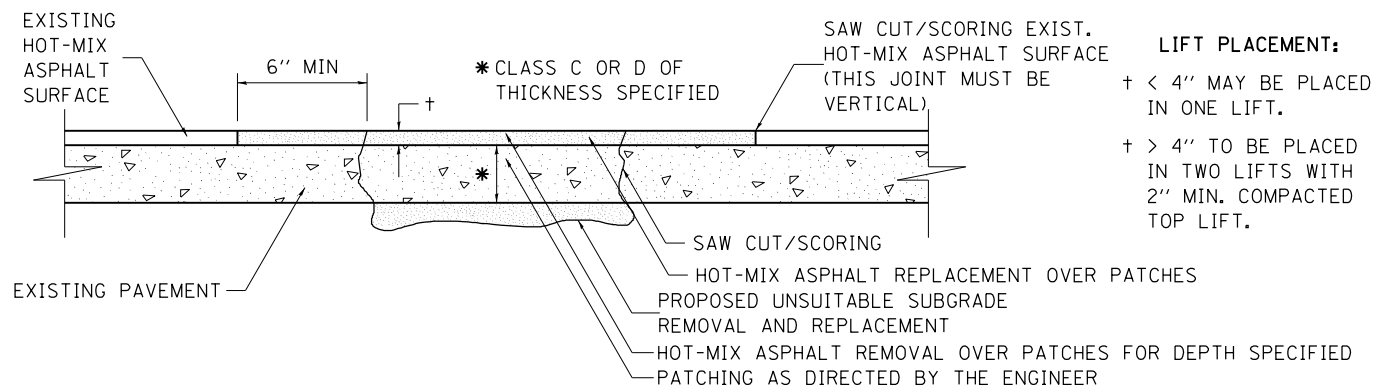
THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-13-13

SUBGRADE REPLACEMENT 97.4

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT



LIFT PLACEMENT:

+ < 4" MAY BE PLACED IN ONE LIFT.
 + > 4" TO BE PLACED IN TWO LIFTS WITH 2" MIN. COMPACTED TOP LIFT.

SEQUENCE OF CONSTRUCTION:

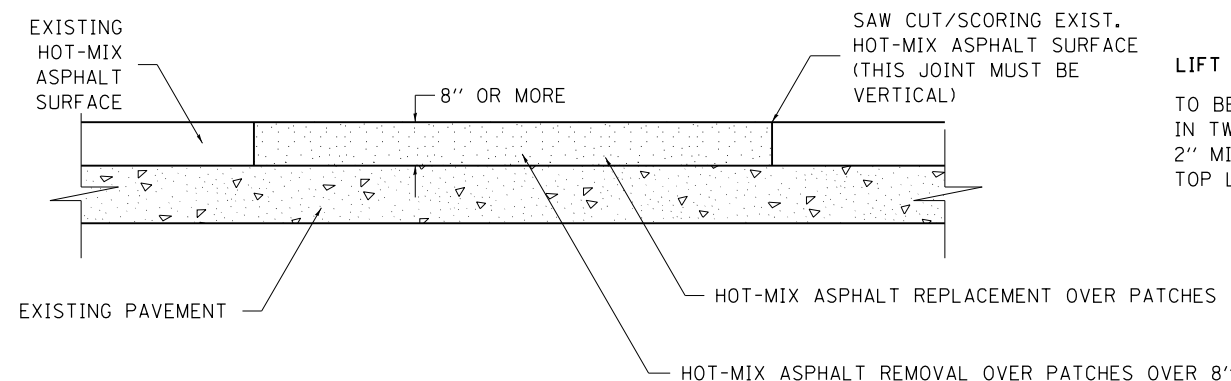
1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. RESIDENT ENGINEER WILL DETERMINE IF LOCATION IS TO BE PATCHED OR TO ONLY REPLACE HOT-MIX ASPHALT SURFACE.
3. REMOVE AND REPLACE FULL DEPTH PATCHES AT LOCATIONS DIRECTED BY THE ENGINEER.
4. REPLACE HOT-MIX ASPHALT SURFACE OVER FULL DEPTH PATCHES AND AT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

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.

REVISED - 10-03-11

PAVEMENT PATCHING DETAIL



LIFT PLACEMENT:

TO BE PLACED IN TWO LIFTS WITH 2" MIN. COMPACTED TOP LIFT.

SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. REPLACE HOT-MIX ASPHALT SURFACE.

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.

REVISED - 10-03-11	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					301	29RS-8	JODAVIESS	76	76
REVISED -					CONTRACT NO. 64M39				
REVISED -					SCALE: 100.0000' / 1"	SHEET NO.	OF SHEETS	STA.	TO STA.

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT 32.4

PAVEMENT PATCHING DETAIL 33.4

PLOT DATE = 1/18/2019