

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	1
		ILLINOIS	CONTRACT NO. 64R10	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

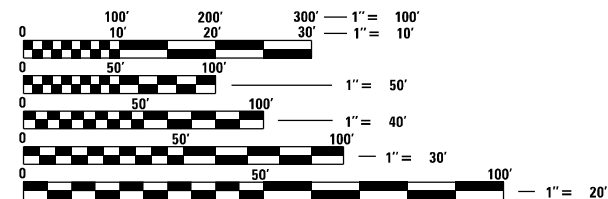
PROPOSED HIGHWAY PLANS

FAP ROUTE 301 (US 20)
SECTION (17R-1, 17R-3)RS
PROJECT NHPP-ONYS(524)
SMART OVERLAY AND
LONGITUDINAL JOINT REPAIR
WINNEBAGO COUNTY

HIGHWAY CLASSIFICATION

F.A.P. ROUTE 301 (US 20)
CLASSIFICATION: FREEWAY /EXPRESSWAY
2022 ADT: 14275
P.V. = 83.7%
M.U. = 5.1%
S.U. = 11.2%
DESIGN SPEED: 65 MPH
POSTED SPEED: 60 MPH

SEWARD TOWNSHIP SECTIONS (5,6)



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

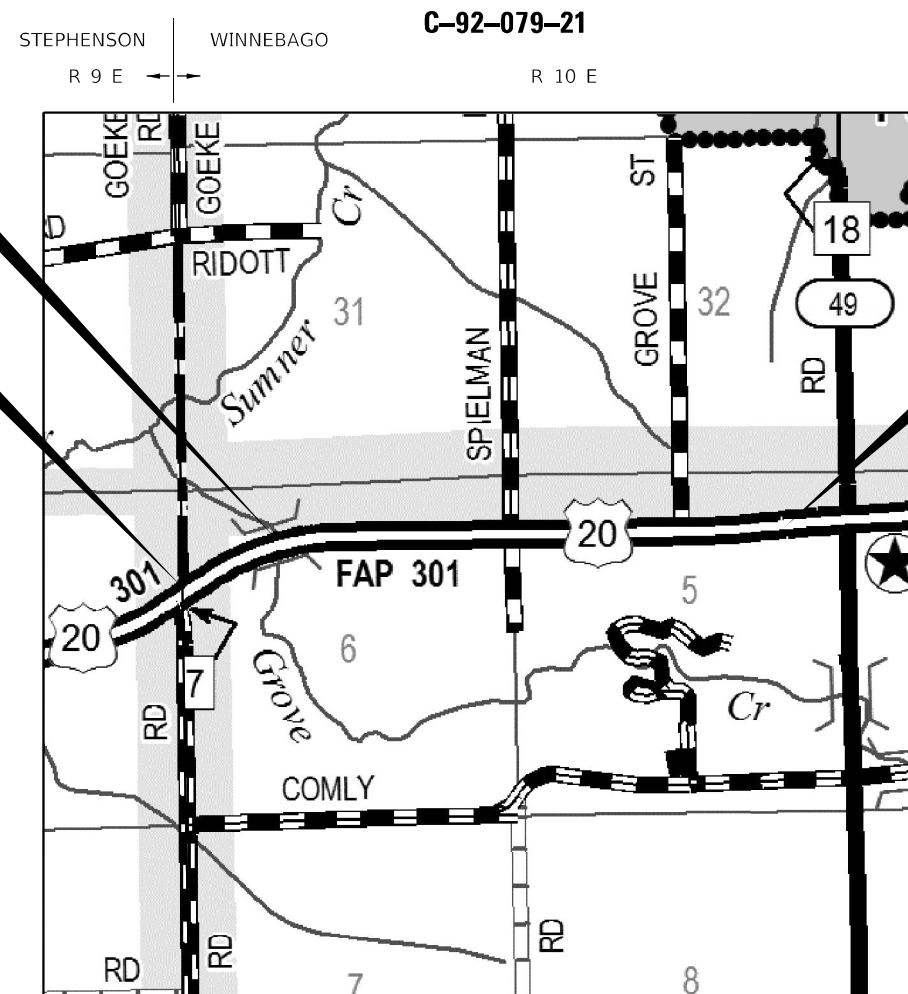
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: STEVE ROBERY
TEAM LEADER: COREY CONDERMAN (815) 284-5936
PROJECT MANAGER: ANDREW DEWEY (815) 284-5358
Andrew.P.Dewey@illinois.gov
CONTRACT NO. 64R10

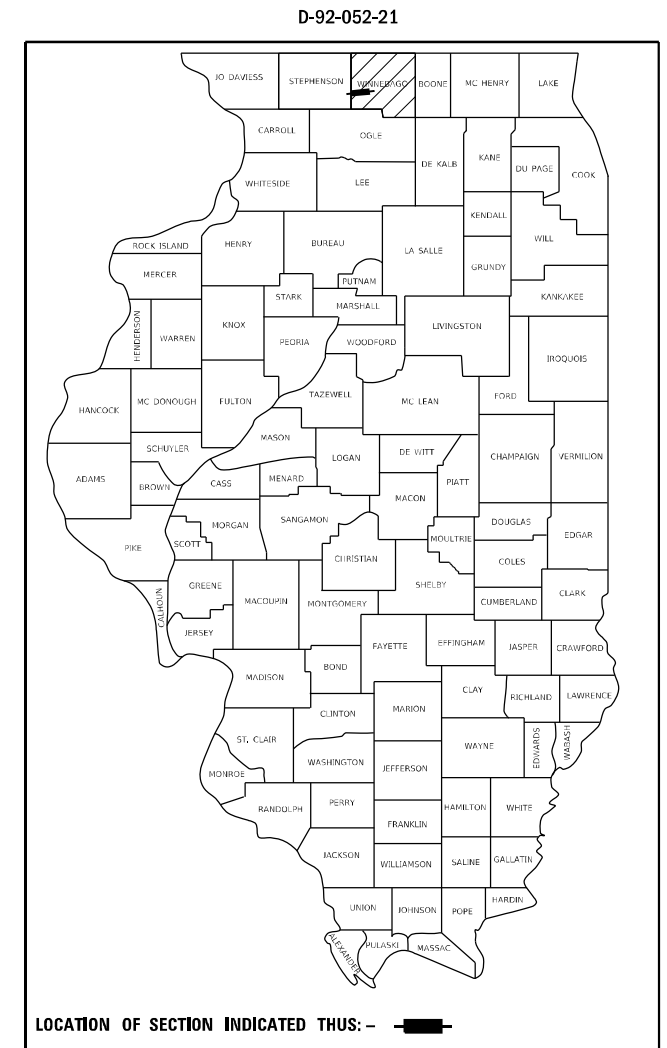
PAVING GAP
STA. 15+94 - 17+57 EB
STA. 15+69 - 17+35 WB

PROJECT BEGINS
STA. 0+00

PROJECT ENDS
STA. 96+36



GROSS LENGTH = 9636 FT. = 1.83 MILE
NET LENGTH = 9471 FT. = 1.79 MILE



LOCATION OF SECTION INDICATED THIS: - [shaded area] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12/10 2021
David Almond
REGIONAL ENGINEER

February 4 2022
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 4 2022
Stephen M. Lewis
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001 - 08	STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
001006	DECIMAL OF INCH & FOOT
442201 - 03	CLASS C and D PATCHES
630001 - 12	STEEL PLATE BEAM GUARDRAIL
630201 - 07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301 - 09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631033 - 08	TRAFFIC BARRIER TERMINAL, TYPE 6B
635001 - 02	DELINEATORS
642001 - 03	SHOULDER RUMBLE STRIPS, 16 IN.
701101 - 05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701400 - 11	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401 - 13	LANE CLOSURE, FREEWAY / EXPRESSWAY
701406 - 13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426 - 09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS \geq 45 MPH
701901 - 08	TRAFFIC CONTROL DEVICES
720011 - 01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
725001 - 01	OBJECT AND TERMINAL MARKERS
728001 - 01	TELESCOPING STEEL SIGN SUPPORT
729001 - 01	APPLICATIONS OF TYPES A & B POSTS (FOR SIGNS AND MARKERS)
780001 - 05	TYPICAL PAVEMENT MARKINGS
781001 - 04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006 - 01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

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PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -				301	(17R-1, 17R-3)RS	WINNEBAGO	41	2
PLOT DATE = 12/10/2021	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 64R10				
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

GENERAL NOTES

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

Based on our structural analysis, the following structures can be crossed with an empty MTD with the following maximum gross weight restrictions: 101-0166 (40 tons), and 101-0167 (40 tons).

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 following Mixture Requirements are applicable for this project:

Location and Mixture Use(s):	Mainline Resurfacing		Shoulders
	Surface	Binder	Top Lift - Surface
PG:	SBS PG 70-28	SBS PG 70-28	PG 64-22
Design Air Voids:	4.0 @ N70	4.0 @ N70	4.0 @ N50
Mixture Composition:	IL 9.5	IL 9.5FG	IL 9.5 or 9.5FG
Friction Aggregate:	D	N/A	C
Mixture Weight:	112 lbs/sy/in	N/A	112 lbs/sy/in
Quality Management Program:	QCP	QCP	QC/QA
Sublot Size:	1000	1000	N/A
Material Transfer Device	Yes	Yes	No

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.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type 1 Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

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

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.

All of the excavated material needed for the guardrail work shall be used adjacent to the proposed Hot-Mix Asphalt Shoulders, 6". This earthwork shall be seeded, fertilized, and mulched. This work shall not be paid for separately but shall be included in the cost of HOT-MIX ASPHALT SHOULDERS, 6".

FILE NAME = 64R10.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES					ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE - 12/7/2021 1:57 PM	REVISED -											

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				FUNDS	RURAL
				80% FED / 20% STATE	
				ROADWAY	
				0005	
20200100	EARTH EXCAVATION	CU YD	69	69	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12,061	12,061	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	29,701	29,701	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	23,692	23,692	
40600990	TEMPORARY RAMP	SQ YD	421	421	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	107	107	
40603218	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-9.5FG, N70	TON	2,004	2,004	
40604000	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5FG, MIX "C", N50	TON	3,377	3,377	
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	TON	7,218	7,218	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	461	461	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	85,253	85,253	
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	8,419	8,419	
44002224	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 6"	SQ YD	317	317	
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	24	24	

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				FUNDS	RURAL
				80% FED / 20% STATE ROADWAY	
				0005	
				RURAL	
44201357	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	107	107	
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	187	187	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	497	497	
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	411	411	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	775	775	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	1,048	1,048	
63500105	DELINEATORS	EACH	4	4	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	18,943	18,943	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2	
67100100	MOBILIZATION	L SUM	1	1	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1	

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				FUNDS	ROADWAY
				80% FED / 20% STATE	
				0005	
				RURAL	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	148		148
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,652		2,652
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	884		884
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	75,772		75,772
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	390		390
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	38,093		38,093
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4,736		4,736
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,921		1,921
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	255		255
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	84		84
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	400		400
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	37,886		37,886
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	4,736		4,736

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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				FUNDS	ROADWAY
				80% FED / 20% STATE	
				0005	
				RURAL	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1,921		1,921
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	255		255
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	84		84
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	246		246
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	184		184
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	6,314		6,314
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	12,629		12,629
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	2,141		2,141
* X7820007	GUARDRAIL REFLECTORS, TYPE C (SPECIAL)	EACH	16		16
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1
Z0034105	MATERIAL TRANSFER DEVICE	TON	7,218		7,218
∅ Z0076600	TRAINEES	HOUR	1,000		1,000
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000		1,000

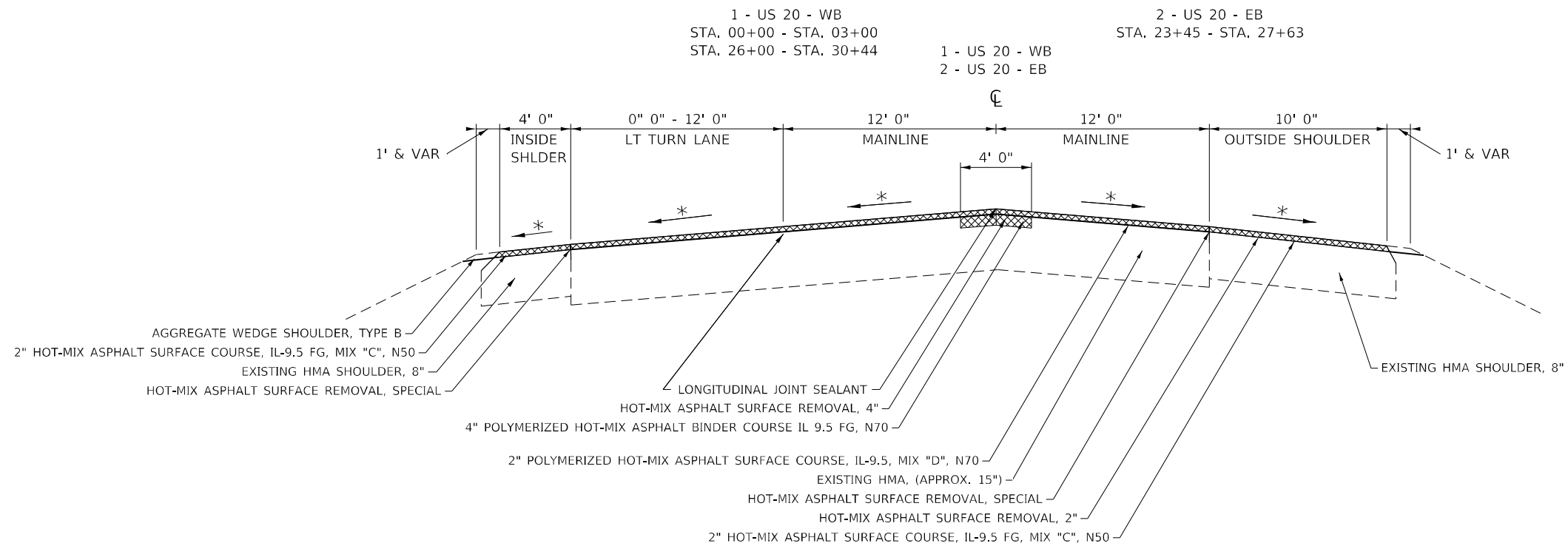
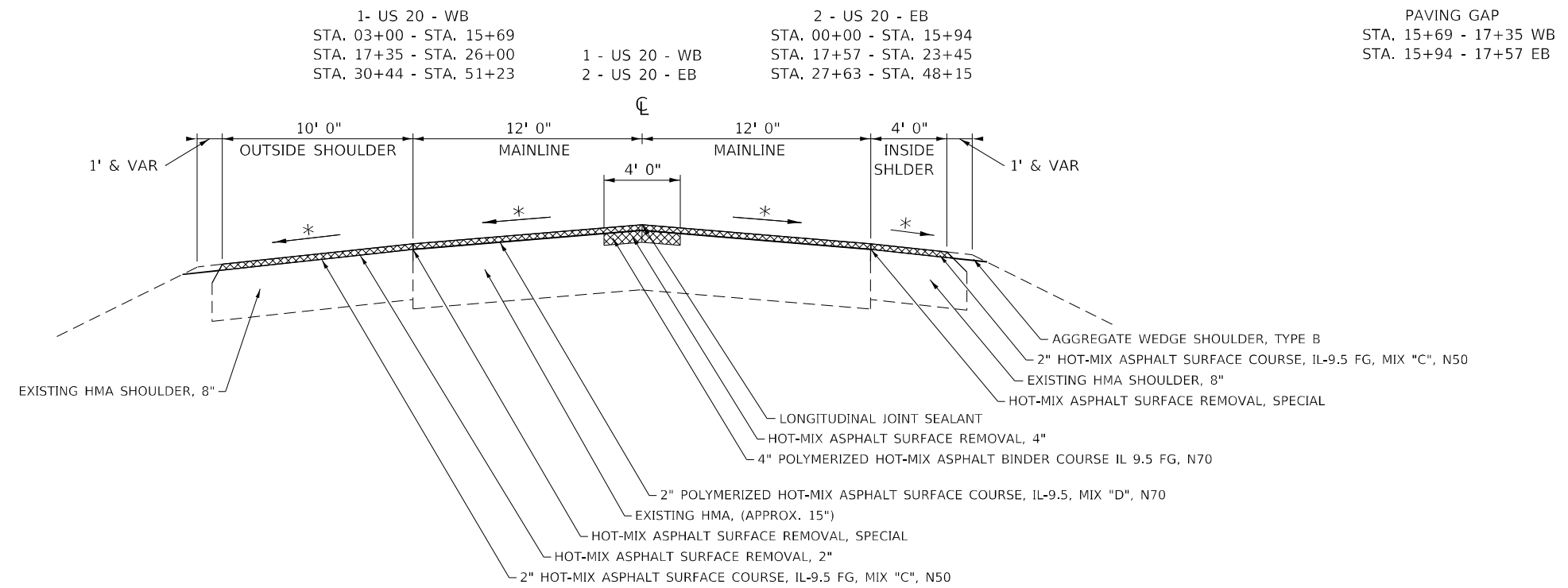
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TYPICAL SECTIONS



☒ REMOVAL

112# / IN / SQ YD

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	8
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

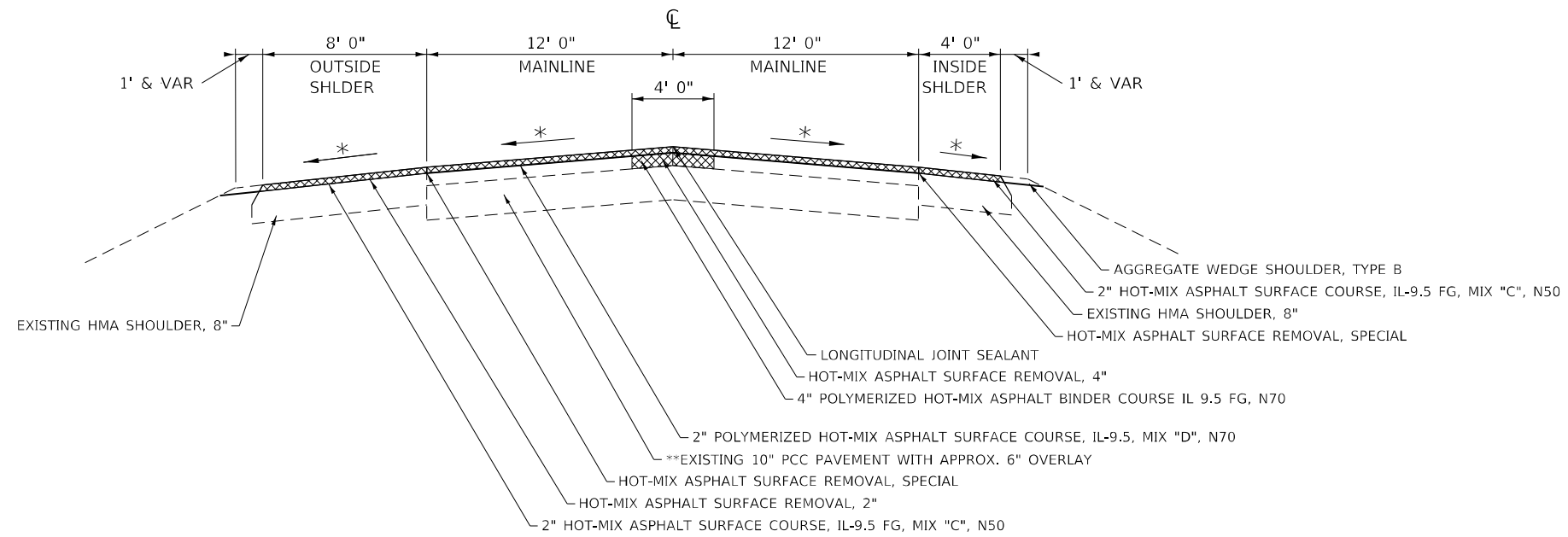
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TYPICAL SECTIONS

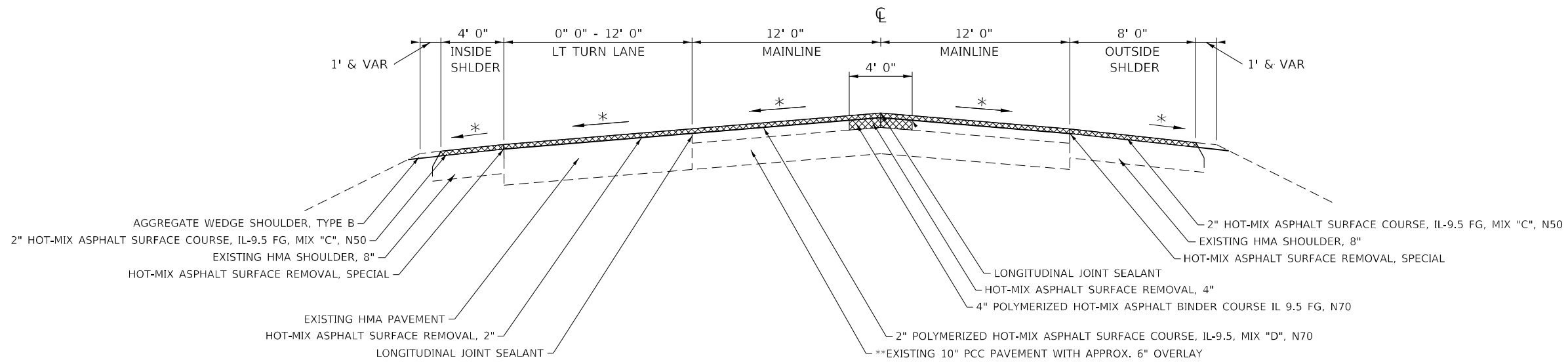
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 STA. 51+23 - STA. 51+73
 STA. 58+56 - STA. 78+10
 STA. 84+21 - STA. 96+36

1 - US 20 - WB
 2 - US 20 - EB

2 - US 20 - EB
 STA. 48+15 - STA. 48+31
 STA. 54+50 - STA. 74+84
 STA. 80+27 - STA. 96+36



US 20 - EB
 STA. 48+31 - STA. 52+64
 STA. 74+84 - STA. 80+27



☒ REMOVAL

112# / IN / SQ YD

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

** MAY ENCOUNTER OVERLAY WITH < 4" EXISTING DEPTH (APPROX 3.25")

STA. 51+28 - STA. 54+55 EB

STA. 51+78 - STA. 54+96 WB

STA. 77+79 - STA. 81+14 EB & WB

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PLOT DATE = 12/10/2021	DATE -	REVISED -

STATE OF ILLINOIS
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TYPICAL SECTIONS

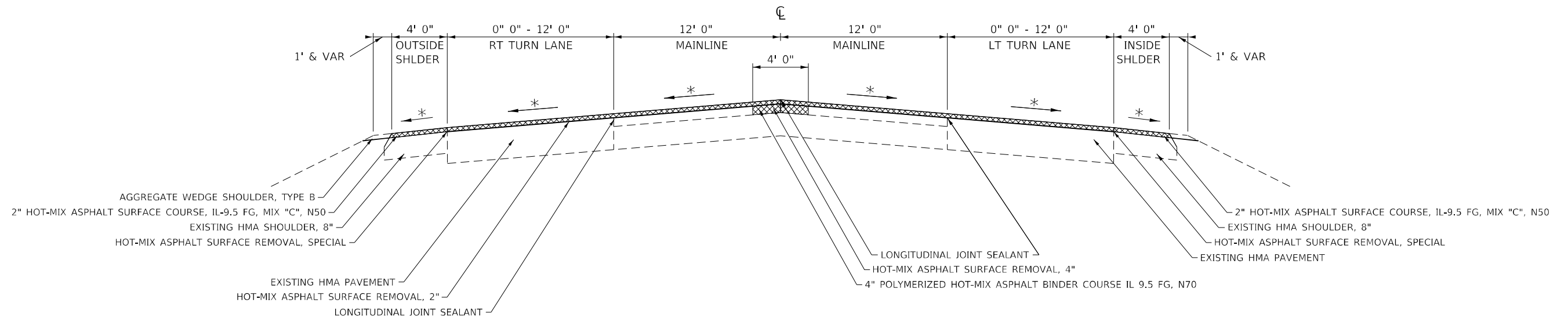
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	9
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

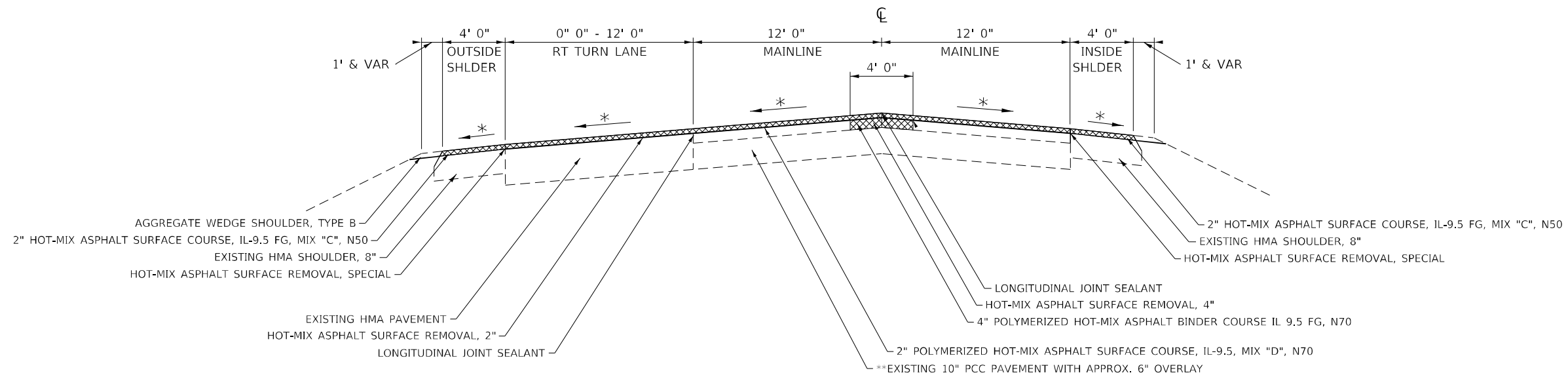
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TYPICAL SECTIONS

US 20 - WB
STA. 53+45 - STA. 58+56



US 20 - WB
STA. 80+33 - STA. 84+21



☒ REMOVAL

112# / IN / SQ YD

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

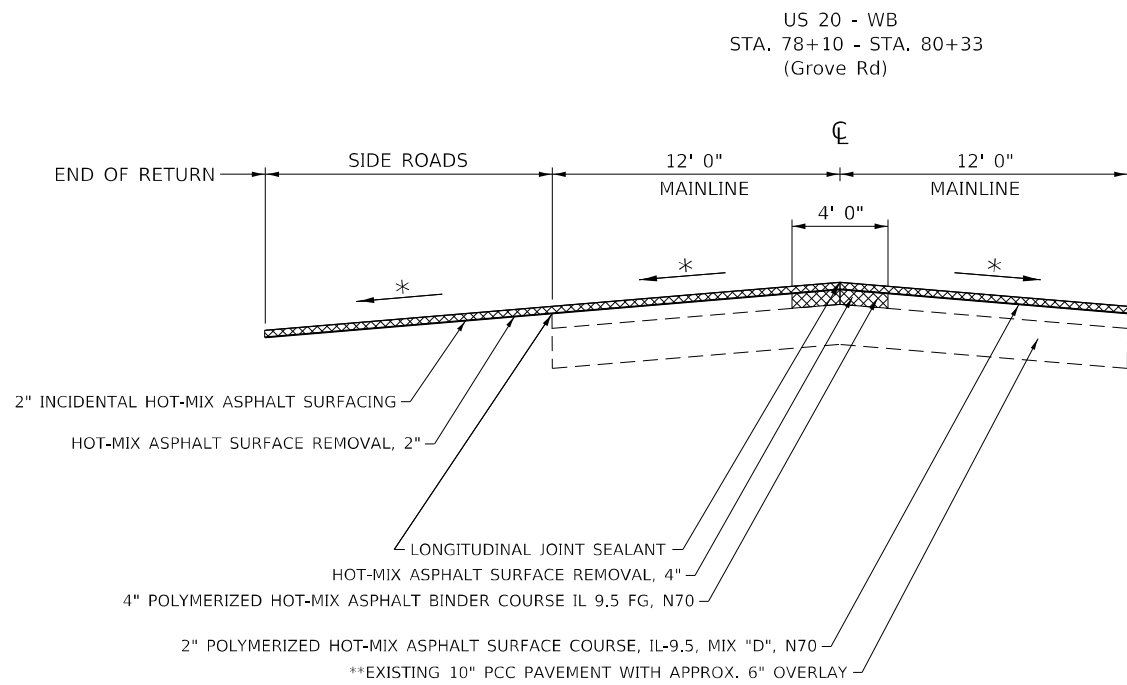
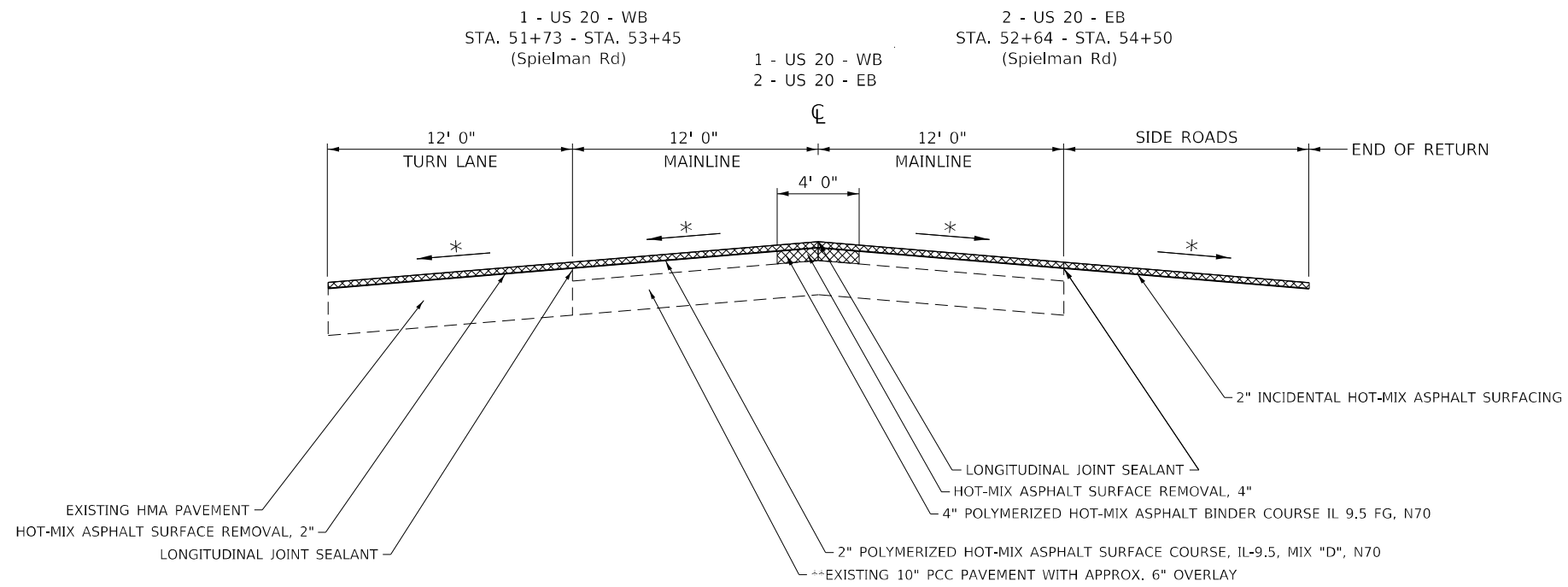
TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 64R10	
			ILLINOIS FED. AID PROJECT	

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TYPICAL SECTIONS



☒ REMOVAL

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STA. 51+78 - STA. 54+96 WB

STA. 77+79 - STA. 81+14 EB & WB

USER NAME = Deweya	DESIGNED -	REVISED -
PLOT SCALE = 8,000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

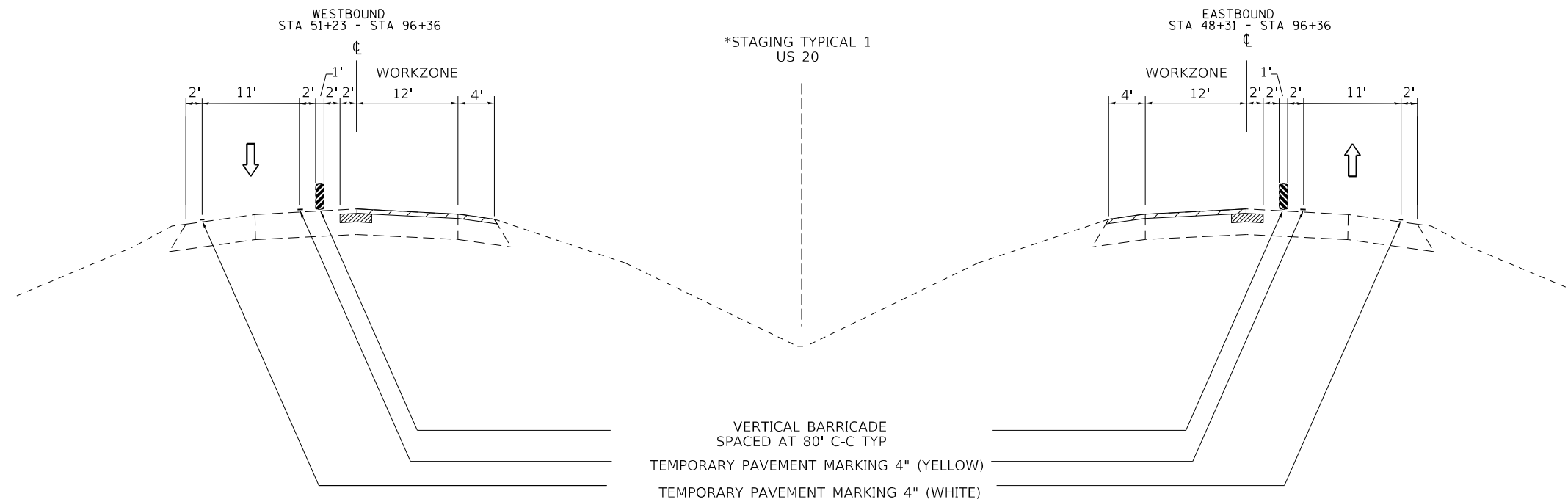
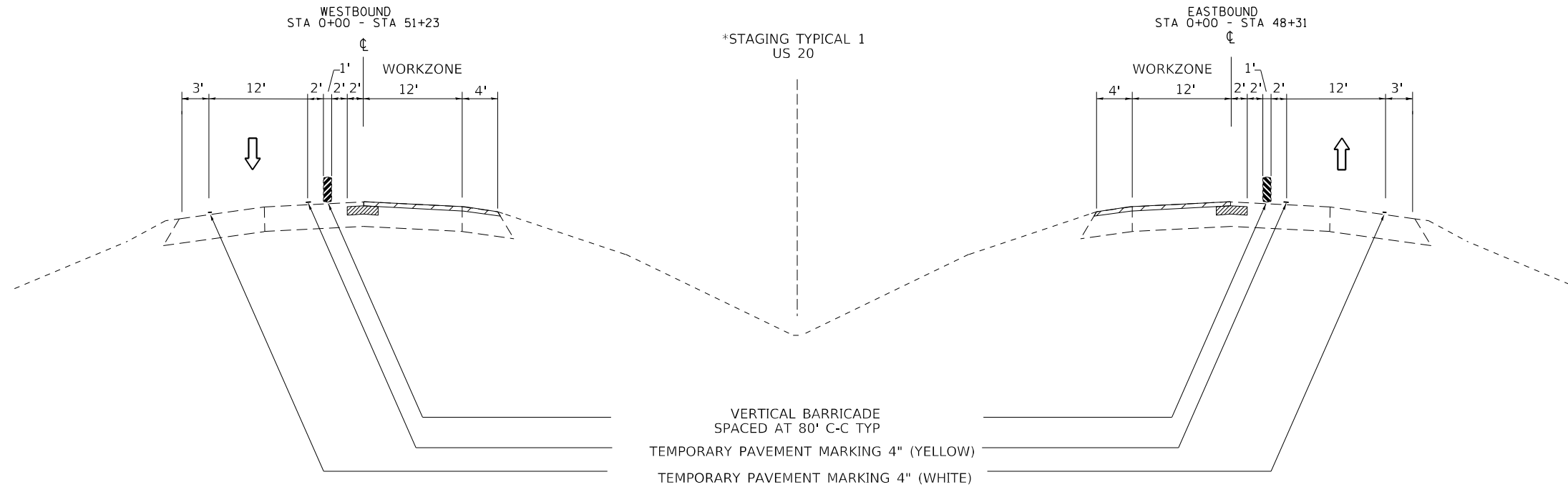
TYPICAL SECTIONS






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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	11
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

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MOT TYPICAL SECTIONS



-  HOT-MIX ASPHALT SURFACE REMOVAL, 2"
-  2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX "D", N70
-  2" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 FG, MIX "C", N50
-  HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 9.5 FG, N70

STAGE 1
-WORKZONE AREA EXTENDS 2' PAST CENTERLINE ONTO THE
DRIVING LANE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

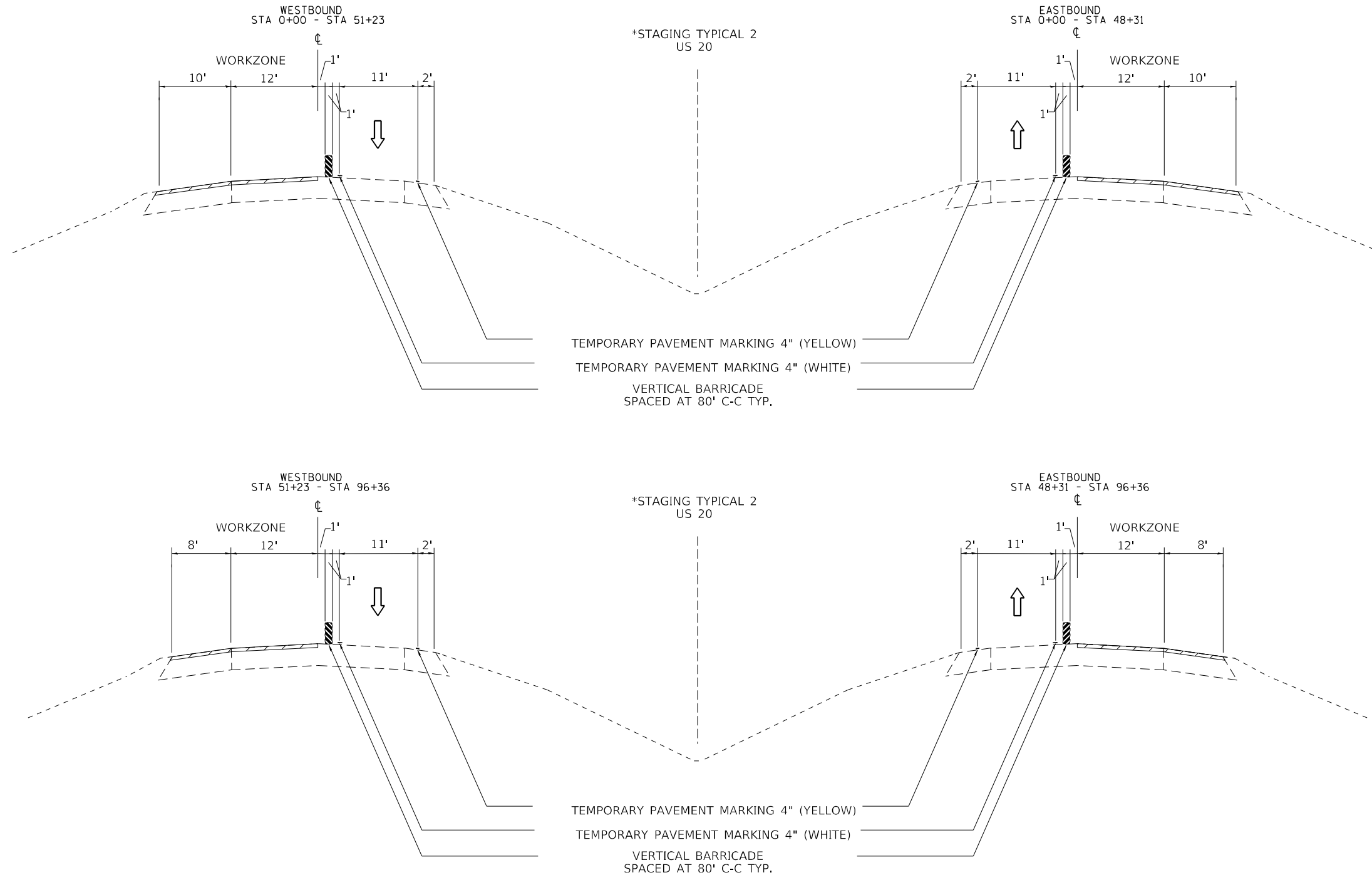
US ROUTE 20
TYPICAL SECTIONS MOT

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	13
			CONTRACT NO. 64R10	
			ILLINOIS FED. AID PROJECT	

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MOT TYPICAL SECTIONS



- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX "D", N70
- 2" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 FG, MIX "C", N50

STAGE 2
-WORKZONE AREA EXTEND UP TO CENTERLINE

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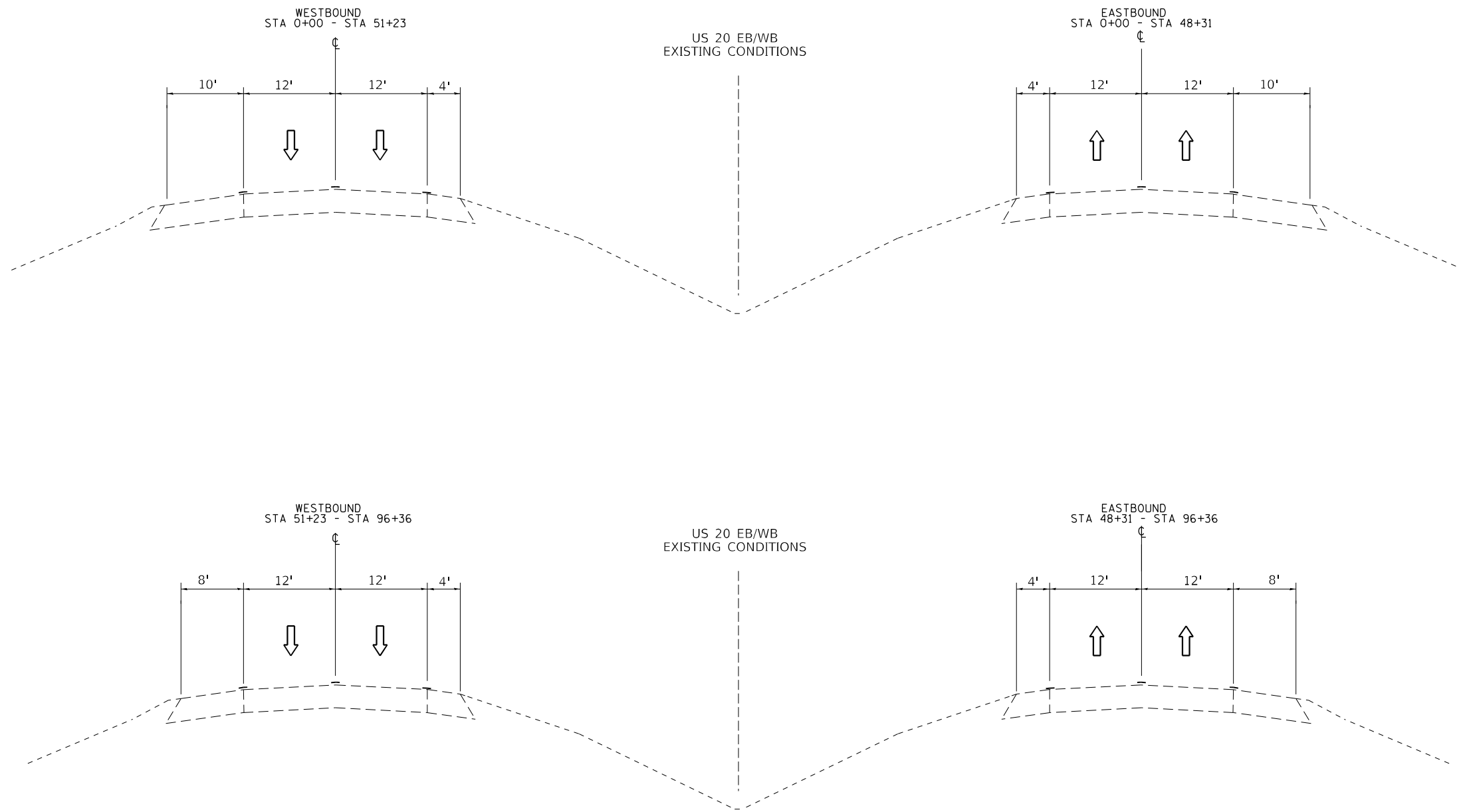
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 20 TYPICAL SECTIONS MOT			
SCALE:	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	14
			CONTRACT NO. 64R10	
		ILLINOIS FED. AID PROJECT		

MOT TYPICAL SECTIONS



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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 20
TYPICAL SECTIONS MOT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	12
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

40600990 <u>TEMPORARY RAMP</u>			
<u>SQ_YD</u>	<u>LOCATION</u>	(Taper Rate = 1" : 40", so L = 20' & L = 7.5')	
		Remarks	
	<u>US20</u>		
44	Sta 00+00	Project Begins	
47	Sta 53+00	Spielman Rd (EB/WB)	
23	Sta 79+50	Grove Street	
36	Sta 96+36	Project Ends	
17.8	Sta 15+94	Grove Creek Bridge (EB)	
17.8	Sta 15+69	Grove Creek Bridge (WB)	
17.8	Sta 17+57	Grove Creek Bridge (EB)	
17.8	Sta 17+35	Grove Creek Bridge (WB)	
200	As Needed & Directed by the Resident		
<u>421</u>	TOTAL		

64200116 <u>SHOULDER RUMBLE STRIPS, 16 INCH</u>			
<u>FOOT</u>	<u>LOCATION</u>		
	<u>WESTBOUND</u>		
1,569	Sta 00+00 - 15+69		
7,901	Sta 17+35 - 96+36		
	<u>EASTBOUND</u>		
1,594	Sta 00+00 - 15+94		
7,879	Sta 17+57 - 96+36		
<u>18,943</u>	TOTAL		

70300100 <u>SHORT TERM PAVEMENT MARKING</u>			
<u>FOOT</u>	<u>LOCATION</u>	Remarks	
	<u>US20</u>		
157	Sta 00+00 - 15+69	White - (30 - GAP - 10' DASH)	
790	Sta 17+35 - 96+36	WB	
159	Sta 00+00 - 15+94	EB	
788	Sta 17+57 - 96+36	EB	
	<u>US20</u>		
63	Sta 00+00 - 15+69	White - diagonal (100' - GAP - 4' DIAGONAL)	
316	Sta 17+35 - 96+36	WB	
64	Sta 00+00 - 15+94	EB	
315	Sta 17+57 - 96+36	EB	
<u>2,652</u>	TOTAL		

70300150 <u>SHORT TERM PAVEMENT MARKING REMOVAL</u>			
<u>SQ_FT</u>	<u>LOCATION</u>	Remarks	
	<u>US20</u>		
52	Sta 00+00 - 15+69	White - (30 - GAP - 10' DASH)	
263	Sta 17+35 - 96+36	WB	
53	Sta 00+00 - 15+94	EB	
263	Sta 17+57 - 96+36	EB	
	<u>US20</u>		
21	Sta 00+00 - 15+69	White - diagonal (100' - GAP - 4' DIAGONAL)	
105	Sta 17+35 - 96+36	WB	
21	Sta 00+00 - 15+94	EB	
105	Sta 17+57 - 96+36	EB	
<u>884</u>	TOTAL		

70300221 <u>TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT</u>			
<u>FOOT</u>	<u>LOCATION</u>	Remarks	
	<u>US20</u>		
1,594	Sta 00+00 - 15+94	White (Stage 1)	
7,879	Sta 17+57 - 96+36	EB	
1,569	Sta 00+00 - 15+69	WB	
7,901	Sta 17+35 - 96+36	WB	
	<u>US20</u>		
1,594	Sta 00+00 - 15+94	Yellow (Stage 1)	
7,879	Sta 17+57 - 96+36	EB	
1,569	Sta 00+00 - 15+69	WB	
7,901	Sta 17+35 - 96+36	WB	
	<u>US20</u>		
1,594	Sta 00+00 - 15+94	White (Stage 2)	
7,879	Sta 17+57 - 96+36	EB	
1,569	Sta 00+00 - 15+69	WB	
7,901	Sta 17+35 - 96+36	WB	
	<u>US20</u>		
1,594	Sta 00+00 - 15+94	Yellow (Stage 2)	
7,879	Sta 17+57 - 96+36	EB	
1,569	Sta 00+00 - 15+69	WB	
7,901	Sta 17+35 - 96+36	WB	
<u>75,772</u>	TOTAL		

78000100 <u>THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS</u>			
<u>SQ_FT</u>	<u>LOCATION</u>	(See Pavement Marking Sheets)	
		Remarks	
	<u>US 20</u>		
	<u>WESTBOUND</u>		White
15.6	Sta 1579+36	LT ARROW	
15.6	Sta 1580+21	LT ARROW	
15.6	Sta 00+38	LT ARROW	
15.6	Sta 27+81	LT ARROW	
15.6	Sta 28+41	LT ARROW	
15.6	Sta 53+97	RT ARROW	
15.6	Sta 54+61	RT ARROW	
15.6	Sta 55+24	RT ARROW	
15.6	Sta 55+87	RT ARROW	
15.6	Sta 53+97	LT ARROW	
15.6	Sta 54+61	LT ARROW	
15.6	Sta 55+24	LT ARROW	
15.6	Sta 55+87	LT ARROW	
15.6	Sta 80+53	RT ARROW	
15.6	Sta 81+39	RT ARROW	
15.6	Sta 82+24	RT ARROW	
	<u>EASTBOUND</u>		
15.6	Sta 25+29	LT ARROW	
15.6	Sta 25+89	LT ARROW	
15.6	Sta 50+59	LT ARROW	
15.6	Sta 51+44	LT ARROW	
15.6	Sta 52+29	LT ARROW	
15.6	Sta 76+85	LT ARROW	
15.6	Sta 77+51	LT ARROW	
15.6	Sta 78+18	LT ARROW	
15.6	Sta 79+85	LT ARROW	
<u>390.0</u>	TOTAL		

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	15
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

FOOT	LOCATION	(See Pavement Marking Sheets) Remarks
	US 20	
	<u>WESTBOUND</u>	Yellow
1569	Sta 00+00 - 15+69	1 stripe
7901	Sta 17+35 - 96+36	1 stripe
	<u>EASTBOUND</u>	
104	Sta 1579+59 - 00+00	1 stripe
1594	Sta 00+00 - 15+94	1 stripe
7879	Sta 17+57 - 96+36	1 stripe
	<u>WESTBOUND</u>	White
1569	Sta 00+00 - 15+69	1 stripe
7901	Sta 17+35 - 96+36	1 stripe
	<u>EASTBOUND</u>	
104	Sta 1579+59 - 00+00	1 stripe
1594	Sta 00+00 - 15+94	1 stripe
7879	Sta 17+57 - 96+36	1 stripe
38,093	TOTAL	

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

FOOT	LOCATION	(See Pavement Marking Sheets) Remarks
	US 20	
	<u>WESTBOUND</u>	White
392	Sta 00+00 - 15+69	10' dash 30' skip
1,975	Sta 17+35 - 96+36	10' dash 30' skip
	<u>EASTBOUND</u>	
399	Sta 00+00 - 15+94	10' dash 30' skip
1,970	Sta 17+57 - 96+36	10' dash 30' skip
4,736	TOTAL	

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

FOOT	LOCATION	(See Pavement Marking Sheets & Dist Std 41.1) Remarks
	US 20	
	<u>WESTBOUND</u>	White
210	Sta 1579+36 - 00+59	Solid LT lane
100	Sta 27+61 - 28+61	Solid LT lane
130	Sta 52+56 - 53+00	Island stripes WB
230	Sta 53+75 - 56+05	Solid LT lane
230	Sta 53+75 - 56+05	Solid RT lane
130	Sta 79+01 - 79+47	Island stripes WB
211	Sta 80+33 - 82+44	Solid LT lane
	<u>EASTBOUND</u>	
100	Sta 25+08 - 26+08	Solid LT lane
210	Sta 50+39 - 52+49	Solid LT lane
130	Sta 53+33 - 53+76	Island stripes EB
240	Sta 76+64 - 79+04	Solid LT lane
1,921	TOTAL	

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

FOOT	LOCATION	(See Pavement Marking Sheets) Remarks
	US 20	
	<u>WESTBOUND</u>	White
85	Sta 52+56 - 53+00	Island stripes WB
85	Sta 79+01 - 79+47	Island stripes WB
	<u>EASTBOUND</u>	
85	Sta 53+33 - 53+76	Island stripes EB
255	TOTAL	

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

FOOT	LOCATION	(See Pavement Marking Sheets) Remark
	US 20	
	<u>WESTBOUND</u>	White
18	Sta 52+66 - 52+78	stop line WB
10	Sta 53+00 - 53+13	stop line WB
18	Sta 79+12 - 79+22	stop line WB
10	Sta 79+47 - 79+59	stop line WB
	<u>EASTBOUND</u>	
10	Sta 53+22 - 53+33	stop line EB
18	Sta 53+59 - 53+71	stop line EB
84	TOTAL	

78011000 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS

SQ. FT.	LOCATION	(See Pavement Marking Sheets) Remarks
	US 20	
	<u>WESTBOUND</u>	White
16	Sta 1579+36	LT ARROW
16	Sta 1580+21	LT ARROW
16	Sta 00+38	LT ARROW
16	Sta 27+81	LT ARROW
16	Sta 28+41	LT ARROW
16	Sta 53+97	RT ARROW
16	Sta 54+61	RT ARROW
16	Sta 55+24	RT ARROW
16	Sta 55+87	RT ARROW
16	Sta 53+97	LT ARROW
16	Sta 54+61	LT ARROW
16	Sta 55+24	LT ARROW
16	Sta 55+87	LT ARROW
16	Sta 80+53	RT ARROW
16	Sta 81+39	RT ARROW
16	Sta 82+24	RT ARROW
	<u>EASTBOUND</u>	
16	Sta 25+29	LT ARROW
16	Sta 25+89	LT ARROW
16	Sta 50+59	LT ARROW
16	Sta 51+44	LT ARROW
16	Sta 52+29	LT ARROW
16	Sta 76+85	LT ARROW
16	Sta 77+51	LT ARROW
16	Sta 78+18	LT ARROW
16	Sta 79+85	LT ARROW
400	TOTAL	

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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	16
			CONTRACT NO. 64R10	
		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

78011025 GROOVING FOR RECESSED PAVEMENT MARKING 5"

FOOT	LOCATION	(See Pavement Marking Sheets) Remarks
	US 20	
	<u>WESTBOUND</u>	Yellow
1569	Sta 00+00 - 15+69	1 stripe
7901	Sta 17+35 - 96+36	1 stripe
	<u>EASTBOUND</u>	
1594	Sta 00+00 - 15+94	1 stripe
7879	Sta 17+57 - 96+36	1 stripe
	<u>WESTBOUND</u>	White
1569	Sta 00+00 - 15+69	1 stripe
7901	Sta 17+35 - 96+36	1 stripe
	<u>EASTBOUND</u>	
1594	Sta 00+00 - 15+94	1 stripe
7879	Sta 17+57 - 96+36	1 stripe
37,886	TOTAL	

78011035 GROOVING FOR RECESSED PAVEMENT MARKING 7"

FOOT	LOCATION	(See Pavement Marking Sheets) Remarks
	US 20	
	<u>WESTBOUND</u>	White
392	Sta 00+00 - 15+69	10' dash 30' skip
1,975	Sta 17+35 - 96+36	10' dash 30' skip
	<u>EASTBOUND</u>	
399	Sta 00+00 - 15+94	10' dash 30' skip
1,970	Sta 17+57 - 96+36	10' dash 30' skip
4,736	TOTAL	

78011045 GROOVING FOR RECESSED PAVEMENT MARKING 9"

FOOT	LOCATION	(See Pavement Marking Sheets & Dist Std 41.1) Remarks
	US 20	
	<u>WESTBOUND</u>	White
210	Sta 1579+16 - 00+59	Solid LT lane
100	Sta 27+61 - 28+61	Solid LT lane
130	Sta 52+56 - 53+00	Island stripes WB
230	Sta 53+75 - 56+05	Solid LT lane
230	Sta 53+75 - 56+05	Solid RT lane
130	Sta 79+01 - 79+47	Island stripes WB
211	Sta 80+33 - 82+44	Solid LT lane
	<u>EASTBOUND</u>	
100	Sta 25+08 - 26+08	Solid LT lane
210	Sta 50+39 - 52+49	Solid LT lane
130	Sta 53+33 - 53+76	Island stripes EB
240	Sta 76+64 - 79+04	Solid LT lane
1,921	TOTAL	

78011065 GROOVING FOR RECESSED PAVEMENT MARKING 13"

FOOT	LOCATION	(See Pavement Marking Sheets) Remarks
	US 20	
	<u>WESTBOUND</u>	Yellow
85	Sta 52+56 - 53+00	Island stripes WB
85	Sta 79+01 - 79+47	Island stripes WB
	<u>EASTBOUND</u>	
85	Sta 53+33 - 53+76	Island stripes EB
255	TOTAL	

78011125 GROOVING FOR RECESSED PAVEMENT MARKING 25"

FOOT	LOCATION	(See Pavement Marking Sheets) Remarks
	US 20	
	<u>WESTBOUND</u>	White
18	Sta 52+66 - 52+78	stop line WB
10	Sta 53+00 - 53+13	stop line WB
18	Sta 79+12 - 79+22	stop line WB
10	Sta 79+47 - 79+59	stop line WB
	<u>EASTBOUND</u>	
10	Sta 53+22 - 53+33	stop line EB
18	Sta 53+59 - 53+71	stop line EB
84	TOTAL	

78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION	(See Standard 781001 and Dist Std 41.1) Remarks
	US 20	
	<u>WESTBOUND</u>	One-Way White
3	Sta 1579+16 - 00+00	Center Lane - 1 @ 80' o.c.
21	Sta 00+00 - 15+69	Center Lane - 1 @ 80' o.c.
100	Sta 17+35 - 96+36	Center Lane - 1 @ 80' o.c.
	<u>EASTBOUND</u>	
2	Sta 1579+59 - 00+00	Center Lane - 1 @ 80' o.c.
21	Sta 00+00 - 15+94	Center Lane - 1 @ 80' o.c.
99	Sta 17+57 - 96+36	Center Lane - 1 @ 80' o.c.
246	TOTAL	

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

EACH	LOCATION	Remarks
	US 20	
	<u>WESTBOUND</u>	
2	Sta 1579+16 - 00+00	Center Lane - 1 @ 80' o.c.
15	Sta 00+00 - 15+69	Center Lane - 1 @ 80' o.c.
75	Sta 17+35 - 96+36	Center Lane - 1 @ 80' o.c.
	<u>EASTBOUND</u>	
2	Sta 1579+59 - 00+00	Center Lane - 1 @ 80' o.c.
16	Sta 00+00 - 15+94	Center Lane - 1 @ 80' o.c.
75	Sta 17+57 - 96+36	Center Lane - 1 @ 80' o.c.
184	TOTAL	

78300201 PAVEMENT MARKING REMOVAL - GRINDING

SQ FT	LOCATION	Remarks
	US20	White (Stage 1)
523	Sta 00+00 - 15+69	WB
2,634	Sta 17+35 - 96+36	WB
531	Sta 00+00 - 15+94	EB
2,626	Sta 17+57 - 96+36	EB
6,314	TOTAL	

MODEL: Default
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	17
CONTRACT NO. 64R10				
		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

78300202 PAVEMENT MARKING REMOVAL - WATER BLASTING

SQ FT	LOCATION	Remarks
	<u>US20</u>	White (Stage 2)
531	Sta 00+00 - 15+94	EB
2,626	Sta 17+57 - 96+36	EB
523	Sta 00+00 - 15+69	WB
2,634	Sta 17+35 - 96+36	WB
	<u>US20</u>	Yellow (Stage 2)
531	Sta 00+00 - 15+94	EB
2,626	Sta 17+57 - 96+36	EB
523	Sta 00+00 - 15+69	WB
2,634	Sta 17+35 - 96+36	WB
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USER NAME = Deweya PLOT SCALE = 100,0000 ' / in. PLOT DATE = 12/10/2021	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: x-small;">F.A.P. RTE.</td> <td style="font-size: x-small;">SECTION</td> <td style="font-size: x-small;">COUNTY</td> <td style="font-size: x-small;">TOTAL SHEETS</td> <td style="font-size: x-small;">SHEET NO.</td> </tr> <tr> <td style="text-align: center;">301</td> <td style="text-align: center;">(17R-1, 17R-3)RS</td> <td style="text-align: center;">WINNEBAGO</td> <td style="text-align: center;">41</td> <td style="text-align: center;">18</td> </tr> <tr> <td colspan="5" style="text-align: center; font-size: x-small;">CONTRACT NO. 64R10</td> </tr> <tr> <td colspan="5" style="text-align: center; font-size: x-small;">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	301	(17R-1, 17R-3)RS	WINNEBAGO	41	18	CONTRACT NO. 64R10					ILLINOIS FED. AID PROJECT				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																					
301	(17R-1, 17R-3)RS	WINNEBAGO	41	18																					
CONTRACT NO. 64R10																									
ILLINOIS FED. AID PROJECT																									
			SCALE:	SHEET 4 OF 4 SHEETS	STA. TO STA.																				

HOT-MIX ASPHALT SCHEDULE

Location	Remarks	Length	MainLine Surface		Shoulder		40600290*	40600295*	40603218**	40604000**	40604162**	40800050**	
			Width (Ft)	Sq Yd	Width (Ft)	Sq Yd	Bituminous Materials (Tack Coat)	Polymerized Bituminous Materials (Tack Coat)	Polymerized HMA Binder Course IL-9.5FG N70	Hot-Mix Asphalt Surface Course, IL-9.5FG, MIX "C" N50	Polymerized HMA Surface Course, IL-9.5, MIX "D" N70	Incidental Hot-Mix Asphalt Surfacing	
			Feet		RT	LT	Pound	Pound	Ton	Ton	Ton	Ton	
WESTBOUND													
Sta 00+00 - 3 + 00	LT TURN LANE & MEDIAN	300	var	1,078.2	10	4	466.7	210.0	545.2	31.7	58.8	140.1	
Sta 3 + 00 - 15 + 69		1,269	24	3,384.0	10	4	1,974.0	888.3	1776.6	134.2	248.7	444.2	
Sta 15 + 69 - 17 + 35	PAVING GAP	166											
Sta 17 + 35 - d	GUARDRAIL	282	24	752.0	11	5	518.3	233.2	394.8	29.8	65.3	98.7	
Sta 20 + 17 - 26 + 00		583	24	1,554.7	10	4	906.9	408.1	816.2	61.7	114.3	204.1	
Sta 26 + 00 - 30 + 44	LT TURN LANE & MEDIAN	444	var	1,836.2	10	4	690.7	310.8	915.1	47.0	87.0	237.6	
Sta 30 + 44 - 51 + 23		2,079	24	5,544.0	10	4	3,234.0	1,455.3	2910.6	219.9	407.5	727.7	
Sta 51 + 23 - 51 + 73	10" PCC Begins	50	24	133.3	8	4	66.7	30.0	70.0	5.3	8.4	17.5	
Sta 51 + 73 - 53 + 45	SPIELMAN RD	172	24	458.7	4	4	152.9	68.8	240.8	18.2	19.3	60.2	
Sta 53 + 45 - 58 + 56	LT & RT TURN & MEDIAN - SPIELMAN RD	511	var	2,491.1	4	4	454.2	204.4	1223.2	54.1	57.2	321.0	
Sta 58 + 56 - 78 + 10		1,954	24	5,210.7	8	4	2,605.3	1,172.4	2735.6	206.7	328.3	683.9	
Sta 78 + 10 - 80 + 33	GROVE STREEET RD	223	24	594.7	8	4	297.3	133.8	312.2	23.6	37.5	78.1	
Sta 80 + 33 - 84 + 21	RT TURN & MEDIAN - GROVE RD	388	var	1,478.8	4	4	344.9	155.2	743.1	41.0	43.5	191.8	
Sta 84 + 21 - 96 + 36		1,215	24	3,240.0	8	4	1,620.0	729.0	1701.0	128.5	204.1	425.3	
EASTBOUND													
Sta 00+00 - 13 + 06		1,306	24	3,482.7	10	4	2,031.6	914.2	1828.4	138.1	256.0	457.1	
Sta 13 + 06 - 15 + 94	GUARDRAIL	288	24	768.0	11	5	529.3	238.2	403.2	30.5	66.7	100.8	
Sta 15 + 94 - 17 + 57	PAVING GAP	163										2.3	
Sta 17 + 57 - 23 + 45		588	24	1,568.0	10	4	914.7	411.6	823.2	62.2	115.2	205.8	
Sta 23 + 45 - 27 + 63	LT TURN LANE & MEDIAN	418	var	1,765.0	10	4	650.2	292.6	877.8	44.2	81.9	228.2	
Sta 27 + 63 - 48 + 15		2,052	24	5,472.0	10	4	3,192.0	1,436.4	2872.8	217.1	402.2	718.2	
Sta 48 + 15 - 48 + 31	10" PCC Begins	16	24	42.7	8	4	21.3	9.6	22.4	1.7	2.7	5.6	
Sta 48 + 31 - 52 + 64	LT TURN & MEDIAN - SPIELMAN RD	433	var	1,891.8	4	4	384.9	173.2	937.9	45.8	48.5	244.4	
Sta 52 + 64 - 54 + 50	SPIELMAN RD	186	24	496.0	4	4	165.3	74.4	260.4	19.7	20.8	65.1	
Sta 54 + 50 - 74 + 84		2,034	24	5,424.0	8	4	2,712.0	1,220.4	2847.6	215.2	341.7	711.9	
Sta 74 + 84 - 80 + 27	LT TURN & MEDIAN - GROVE RD	543	var	2,208.2	8	4	724.0	325.8	1102.3	57.4	91.2	285.8	
Sta 80 + 27 - 96 + 36		1,609	24	4,290.7	8	4	2,145.3	965.4	2252.6	170.2	270.3	563.2	
SIDE ROAD													
Sta 51 + 73 - 53 + 45	SPIELMAN RD - WB	319	var	799.1	4	4	283.2		359.6			151.5	
Sta 52 + 64 - 54 + 50	SPIELMAN RD - EB	345	var	728.1	4	4	306.2		327.6			144.8	
Sta 78 + 10 - 80 + 33	GROVE RD - WB	313	var	804.8	4	4	278.4		362.1			151.6	
ENTRANCE													
Sta 26 + 58 - 27 + 03	FIELD ENTRANCE - WB	45	var	181.0									
Sta 26 + 58 - 27 + 03	FIELD ENTRANCE - EB	30	var	153.0									
Sta 83 + 81 - 84 + 22	PRIVATE ENTRANCE - WB	116	var	85.1					38.3			12.7	
GRAND TOTAL													
							12,061	29,701	2,004	3,377	7,218	461	

* Bituminous Materials (Tack Coat) Rate of Application = 0.05 Lb / Sq Ft on Existing HMA, 0.025 Lb / Sq Ft Between Lifts
 ** Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in

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USER NAME = Deweya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HOT-MIX ASPHALT SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -			301	(17R-1, 17R-3)RS	WINNEBAGO	41	19
PLOT DATE = 12/10/2021	CHECKED -	REVISED -			CONTRACT NO. 64R10				
	DATE -	REVISED -			SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS

HOT-MIX ASPHALT SCHEDULE

Location	Remarks	Length	MainLine Surface		Shoulder		44000157	44000165	48102100	X4400196	40600370	
			Width (Ft)	Sq Yd	Width (Ft)	Sq Yd	Hot-Mix Asphalt Surface Removal, 2"	Hot-Mix Asphalt Surface Removal, 4"	Aggregate Wedge shoulder, Type B	HMA Surface Removal, Special	Longitudinal Joint Sealing	
							Sq Yd	Sq Yd	Ton	Sq Yd	Foot	
		Feet			RT	LT						
WESTBOUND												
Sta 00+00 - 3 + 00	LT TURN LANE & MEDIAN	300	var	1,078.2	10	4	1,544.9	133.3	7.6	33.3	600	
Sta 3 + 00 - 15 + 69		1,269	24	3,384.0	10	4	5,358.0	564.0	32.1	141.0	1,269	
Sta 15 + 69 - 17 + 35	PAVING GAP	166								18.4	166	
Sta 17 + 35 - d	GUARDRAIL	282	24	752.0	11	5	1,270.3	125.3	7.1	31.3	282	
Sta 20 + 17 - 26 + 00		583	24	1,554.7	10	4	2,461.6	259.1	14.8	64.8	583	
Sta 26 + 00 - 30 + 44	LT TURN LANE & MEDIAN	444	var	1,836.2	10	4	2,526.8	197.3	11.2	49.3	888	
Sta 30 + 44 - 51 + 23		2,079	24	5,544.0	10	4	8,778.0	924.0	52.6	231.0	2,079	
Sta 51 + 23 - 51 + 73	10" PCC Begins	50	24	133.3	8	4	200.0	22.2	1.3	5.6	50	
Sta 51 + 73 - 53 + 45	SPIELMAN RD	172	24	458.7	4	4	611.6	76.4	4.4	19.1	172	
Sta 53 + 45 - 58 + 56	LT & RT TURN & MEDIAN - SPIELMAN RD	511	var	2,491.1	4	4	2,945.4	227.1	12.9	56.8	1,533	
Sta 58 + 56 - 78 + 10		1,954	24	5,210.7	8	4	7,816.0	868.4	49.5	217.1	1,954	
Sta 78 + 10 - 80 + 33	GROVE STREET RD	223	24	594.7	8	4	892.0	99.1	5.6	24.8	223	
Sta 80 + 33 - 84 + 21	RT TURN & MEDIAN - GROVE RD	388	var	1,478.8	4	4	1,823.7	172.4	9.8	43.1	776	
Sta 84 + 21 - 96 + 36		1,215	24	3,240.0	8	4	4,860.0	540.0	30.8	135.0	1,215	
EASTBOUND												
Sta 00+00 - 13 + 06		1,306	24	3,482.7	10	4	5,514.2	580.4	33.1	145.1	1,306	
Sta 13 + 06 - 15 + 94	GUARDRAIL	288	24	768.0	11	5	1,297.3	128.0	7.3	32.0	288	
Sta 15 + 94 - 17 + 57	PAVING GAP	163							4.1	18.1	163	
Sta 17 + 57 - 23 + 45		588	24	1,568.0	10	4	2,482.7	261.3	14.9	65.3	588	
Sta 23 + 45 - 27 + 63	LT TURN LANE & MEDIAN	418	var	1,765.0	10	4	2,415.2	185.8	10.6	46.4	836	
Sta 27 + 63 - 48 + 15		2,052	24	5,472.0	10	4	8,664.0	912.0	51.9	228.0	2,052	
Sta 48 + 15 - 48 + 31	10" PCC Begins	16	24	42.7	8	4	64.0	7.1	0.4	1.8	16	
Sta 48 + 31 - 52 + 64	LT TURN & MEDIAN - SPIELMAN RD	433	var	1,891.8	4	4	2,276.7	192.4	11.0	48.1	866	
Sta 52 + 64 - 54 + 50	SPIELMAN RD	186	24	496.0	4	4	661.3	82.7	4.7	20.7	186	
Sta 54 + 50 - 74 + 84		2,034	24	5,424.0	8	4	8,136.0	904.0	51.5	226.0	2,034	
Sta 74 + 84 - 80 + 27	LT TURN & MEDIAN - GROVE RD	543	var	2,208.2	8	4	2,932.2	241.3	13.7	60.3	1,086	
Sta 80 + 27 - 96 + 36		1,609	24	4,290.7	8	4	6,436.0	715.1	40.7	178.8	1,609	
SIDE ROAD												
Sta 51 + 73 - 53 + 45	SPIELMAN RD - WB	319	var	799.1	4	4	1,082.3		4.0		258	
Sta 52 + 64 - 54 + 50	SPIELMAN RD - EB	345	var	728.1	4	4	1,034.4		4.4		279	
Sta 78 + 10 - 80 + 33	GROVE RD - WB	313	var	804.8	4	4	1,083.2		4.0		335	
ENTRANCE												
Sta 26 + 58 - 27 + 03	FIELD ENTRANCE - WB	45	var	181.0					0.6			
Sta 26 + 58 - 27 + 03	FIELD ENTRANCE - EB	30	var	153.0					0.4			
Sta 83 + 81 - 84 + 22	PRIVATE ENTRANCE - WB	116	var	85.1			85.1					
GRAND TOTAL								85,253	8,419	497	2,141	23,692

* Bituminous Materials (Tack Coat) Rate of Application = 0.05 Lb / Sq Ft on Existing HMA, 0.025 Lb / Sq Ft Between
 ** Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in

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	DRAWN -	REVISED -
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PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HOT-MIX ASPHALT SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	20
CONTRACT NO. 64R10				
		ILLINOIS	FED. AID PROJECT	

PATCHING SCHEDULE

Location	Mainline			44201353	44201357	44201359	44002224	40601005*
	Patch Width (ft)		Length (ft)	Class C Patches	Class C Patches	Class C Patches	Hot-Mix Asphalt	Hot-Mix Asphalt
	LT	RT		Type II, 10"	Type III, 10"	Type IV, 10"	Removal Over	Replacement Over
WB US-20				(yd ²)	(yd ²)	(yd ²)	Patches, 6" (yd ²)	Patches, 6" (ton)
Sta 96 + 12	12	12	10	0.0	0.0	26.7	26.7	9.0
Sta 95 + 50	12	12	10	0.0	0.0	26.7	26.7	9.0
Sta 72 + 42	12	12	10	0.0	0.0	26.7	26.7	9.0
EB US-20								
Sta 48 + 34	12	12	8	0.0	21.3	0.0	21.3	7.2
Sta 48 + 61	12	12	8	0.0	21.3	0.0	21.3	7.2
Sta 48 + 94	12	12	8	0.0	21.3	0.0	21.3	7.2
Sta 49 + 90	12	12	8	0.0	21.3	0.0	21.3	7.2
Sta 54 + 13	12	12	10	0.0	0.0	26.7	26.7	9.0
Sta 60 + 10	0	12	10	13.3	0.0	0.0	13.3	4.5
Sta 62 + 09	12	0	8	10.7	0.0	0.0	10.7	3.6
Sta 68 + 87	12	12	10	0.0	0.0	26.7	26.7	9.0
Sta 72 + 76	12	12	10	0.0	0.0	26.7	26.7	9.0
Sta 91 + 77	12	12	10	0.0	0.0	26.7	26.7	9.0
Sta 92 + 12	12	12	8	0.0	21.3	0.0	21.3	7.2
Totals				24.0	106.7	186.7	317.3	106.6

* Hot-Mix Asphalt Rate of Application = 112 lbs / Sq Yd / in

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<small>USER NAME</small> = Deweya	<small>DESIGNED</small> -	<small>REVISED</small> -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PATCHING SCHEDULE				<small>F.A.P. RTE.</small>	<small>SECTION</small>	<small>COUNTY</small>	<small>TOTAL SHEETS</small>	<small>SHEET NO.</small>		
<small>DRAWN</small> -	<small>REVISIONS</small> -	<small>REVISIONS</small> -		<small>SCALE:</small>	<small>SHEET 1</small>	<small>OF 1</small>	<small>SHEETS</small>	<small>STA.</small>	<small>TO STA.</small>	301	(17R-1, 17R-3)RS	WINNEBAGO	41	21
<small>PLOT SCALE</small> = 100,0000 ' / in.	<small>CHECKED</small> -	<small>REVISIONS</small> -		<small>CONTRACT NO. 64R10</small>										
<small>PLOT DATE</small> = 12/10/2021	<small>DATE</small> -	<small>REVISIONS</small> -		<small>ILLINOIS FED. AID PROJECT</small>										

GUARDRAIL SCHEDULE

				72501000	63100167	63100085	63000001	X78200007	63200310	20200100	48203021	63500105
LOCATION	STATION OF HAZARD*	HAZARD DESCRIPTION*	TERM MARKER, DA	TBT	TBT	SPBGR TY A	GR	GR	EARTH	HMA SHLD,	DELINEATORS	
				TY1 SP (TANG)	TY6	6' POSTS	REFLECTORS, TYPE C (SPL)	REM	EXCAVATION**	6"		
STATION TO STATION	SIDE			EA	EA	EA	FT	EA	FOOT	CU YD	SQ YD	EACH
EB LANE												
13+43.5 TO 16+22	RT	16+22	BRIDGE-CREEK	1	1	1	175	4	282	16	97	1
13+06 TO 16+22	LT	16+22	BRIDGE-CREEK	1	1	1	212.5	4	243	18	109	1
WB LANE												
17+01 TO 19+79.5	RT	17+01	BRIDGE-CREEK	1	1	1	175	4	282	16	97	1
17+01 TO 20+17	LT	17+01	BRIDGE-CREEK	1	1	1	212.5	4	241	18	109	1
GRAND TOTAL				4	4	4	775	16	1048	69	411	4

* GUARDRAIL LAYOUT SHOULD USE STATION OF HAZARD AS REFERENCE POINT. FOR THE EB LANES, THE HAZARD REFERENCE POINT IS THE EASTMOST POINT OF THE HAZARD, AND FOR THE WB LANES, THE HAZARD REFERENCE POINT IS THE WESTMOST POINT OF THE HAZARD.

** NO EXCAVATED MATERIAL SHALL BE REMOVED FROM THE JOBSITE. ALL MATERIAL SHALL BE USED ADJACENT TO THE PROPOSED HMA SHOULDER, 6" THIS EARTHWORK SHALL BE SEEDED, FERTILIZED, AND MULCHED. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SHOULDERS, 6".

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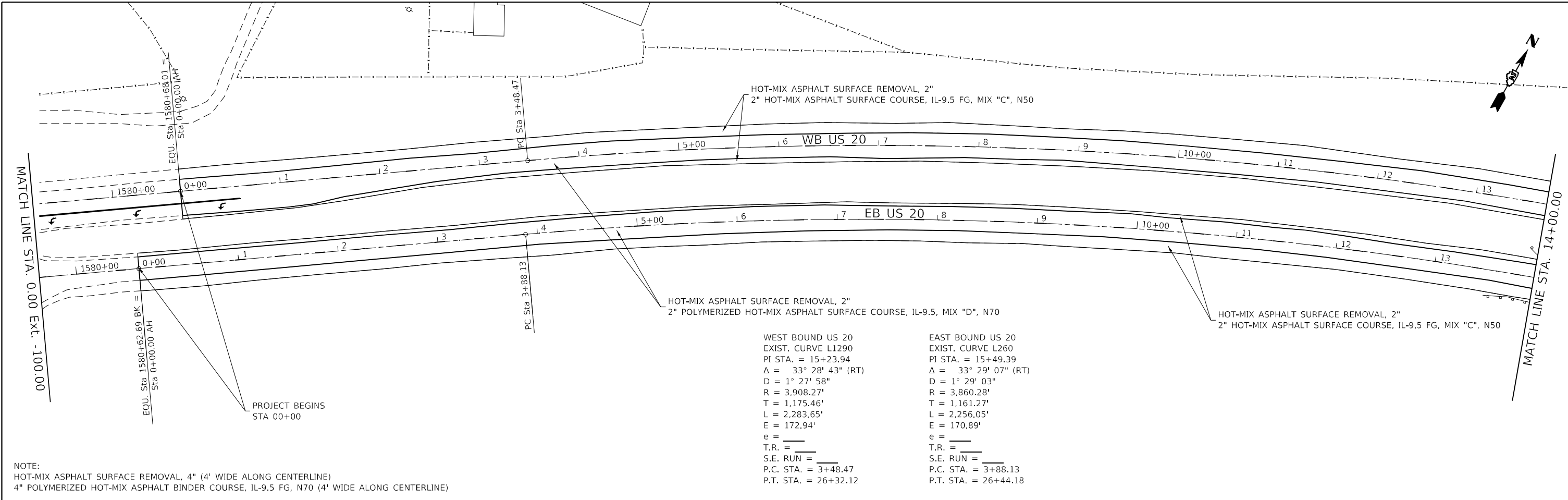
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PLOT DATE = 12/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL SCHEDULE

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

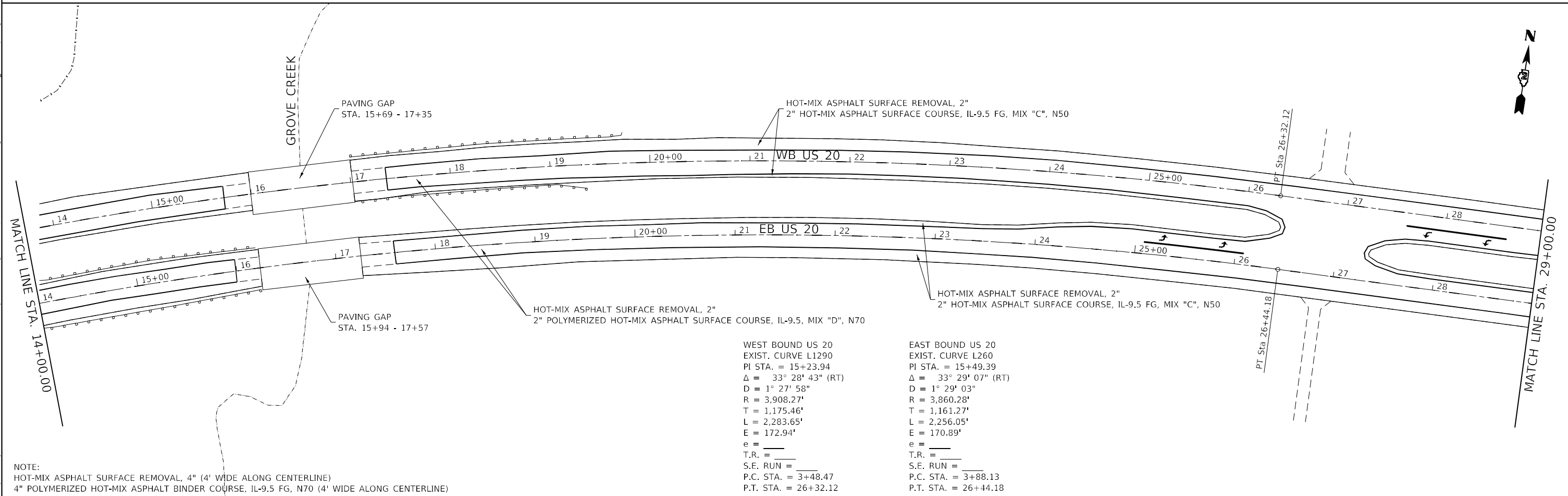
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3) R5	WINNEBAGO	42	22
CONTRACT NO. 64R10				
		ILLINOIS	FED. AID PROJECT	



WEST BOUND US 20
 EXIST. CURVE L1290
 PI STA. = 15+23.94
 $\Delta = 33^\circ 28' 43''$ (RT)
 $D = 1^\circ 27' 58''$
 $R = 3,908.27'$
 $T = 1,175.46'$
 $L = 2,283.65'$
 $E = 172.94'$
 $e = ______$
 T.R. = $______$
 S.E. RUN = $______$
 P.C. STA. = 3+48.47
 P.T. STA. = 26+32.12

EAST BOUND US 20
 EXIST. CURVE L260
 PI STA. = 15+49.39
 $\Delta = 33^\circ 29' 07''$ (RT)
 $D = 1^\circ 29' 03''$
 $R = 3,860.28'$
 $T = 1,161.27'$
 $L = 2,256.05'$
 $E = 170.89'$
 $e = ______$
 T.R. = $______$
 S.E. RUN = $______$
 P.C. STA. = 3+88.13
 P.T. STA. = 26+44.18

NOTE:
 HOT-MIX ASPHALT SURFACE REMOVAL, 4" (4' WIDE ALONG CENTERLINE)
 4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N70 (4' WIDE ALONG CENTERLINE)



WEST BOUND US 20
 EXIST. CURVE L1290
 PI STA. = 15+23.94
 $\Delta = 33^\circ 28' 43''$ (RT)
 $D = 1^\circ 27' 58''$
 $R = 3,908.27'$
 $T = 1,175.46'$
 $L = 2,283.65'$
 $E = 172.94'$
 $e = ______$
 T.R. = $______$
 S.E. RUN = $______$
 P.C. STA. = 3+48.47
 P.T. STA. = 26+32.12

EAST BOUND US 20
 EXIST. CURVE L260
 PI STA. = 15+49.39
 $\Delta = 33^\circ 29' 07''$ (RT)
 $D = 1^\circ 29' 03''$
 $R = 3,860.28'$
 $T = 1,161.27'$
 $L = 2,256.05'$
 $E = 170.89'$
 $e = ______$
 T.R. = $______$
 S.E. RUN = $______$
 P.C. STA. = 3+88.13
 P.T. STA. = 26+44.18

NOTE:
 HOT-MIX ASPHALT SURFACE REMOVAL, 4" (4' WIDE ALONG CENTERLINE)
 4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N70 (4' WIDE ALONG CENTERLINE)

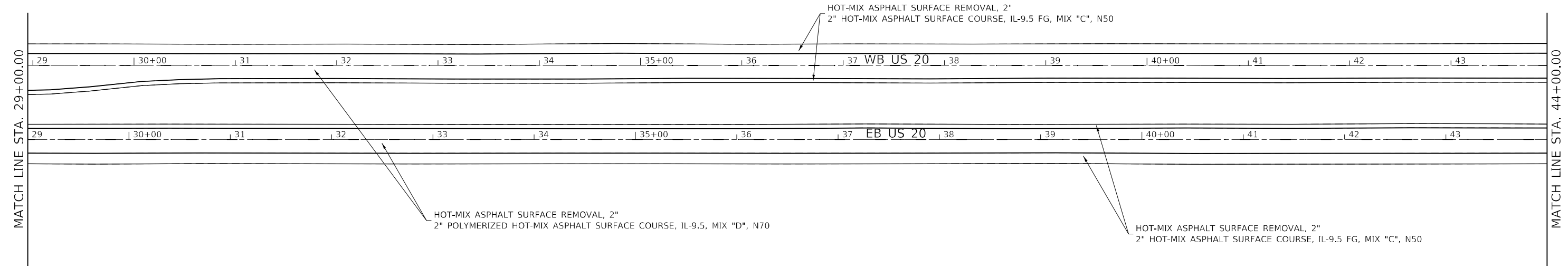
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USER NAME = Deweya	DESIGNED -	REVISED -
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PLOT DATE = 12/10/2021	CHECKED -	REVISED -
	DATE -	REVISED -

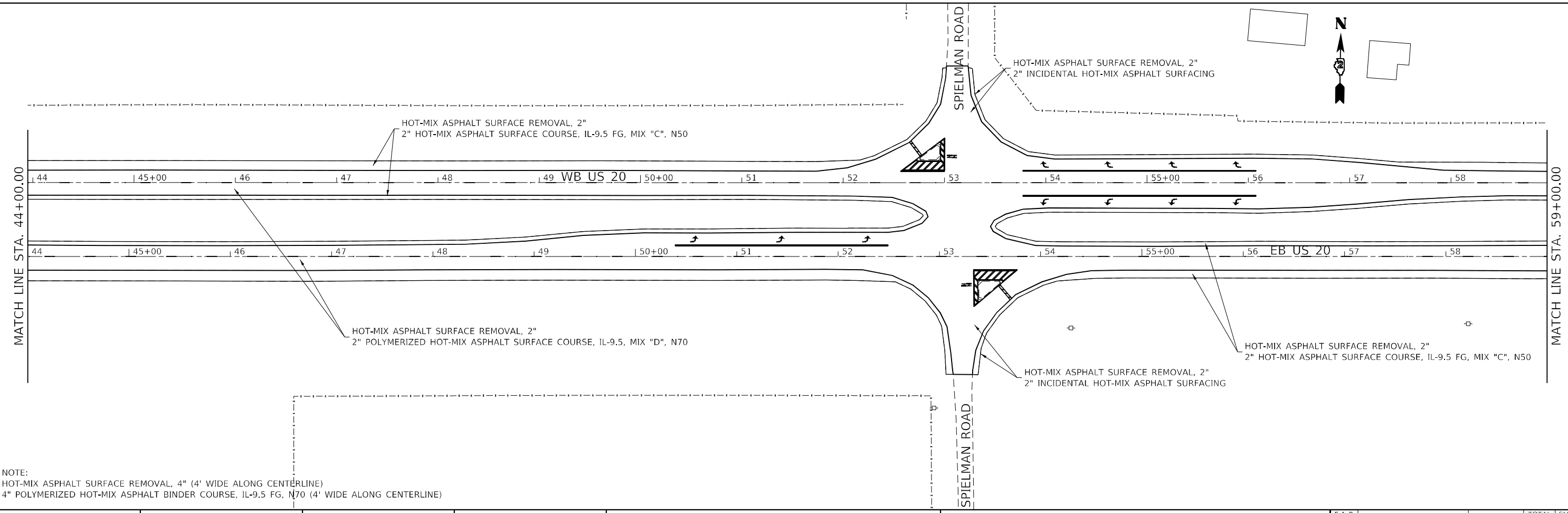
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	23
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				



NOTE:
 HOT-MIX ASPHALT SURFACE REMOVAL, 4" (4' WIDE ALONG CENTERLINE)
 4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N70 (4' WIDE ALONG CENTERLINE)



NOTE:
 HOT-MIX ASPHALT SURFACE REMOVAL, 4" (4' WIDE ALONG CENTERLINE)
 4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N70 (4' WIDE ALONG CENTERLINE)

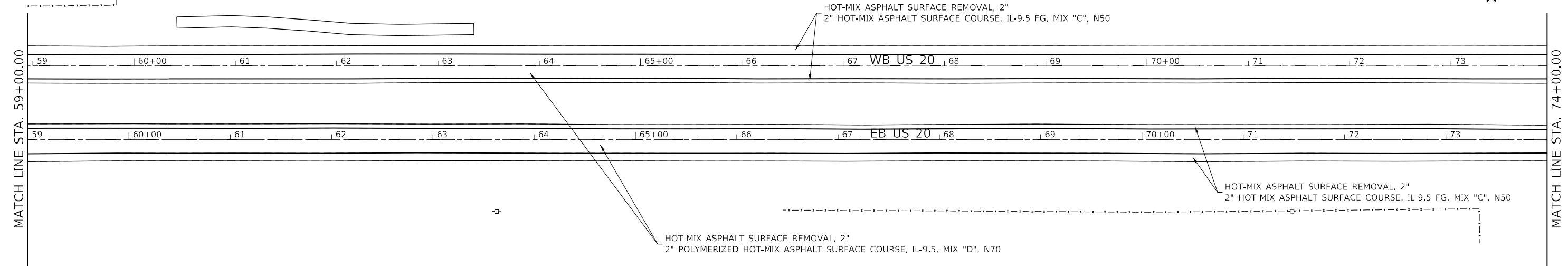
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 USER: Deweya
 DATE: 12/10/2021

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

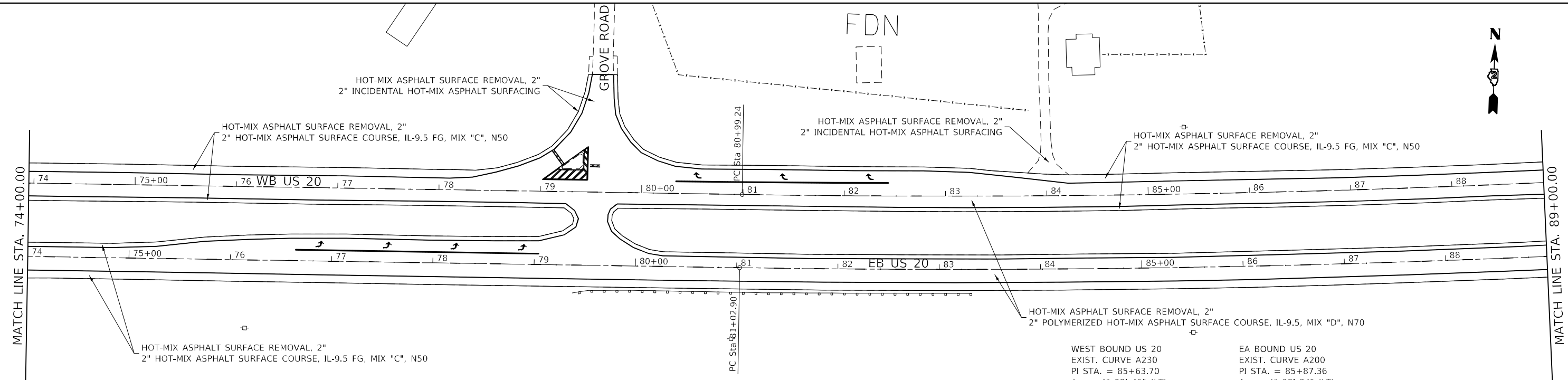
PLAN SHEET

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	24
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				



NOTE:
 HOT-MIX ASPHALT SURFACE REMOVAL, 4" (4' WIDE ALONG CENTERLINE)
 4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N70 (4' WIDE ALONG CENTERLINE)



NOTE:
 HOT-MIX ASPHALT SURFACE REMOVAL, 4" (4' WIDE ALONG CENTERLINE)
 4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N70 (4' WIDE ALONG CENTERLINE)

WEST BOUND US 20
 EXIST. CURVE A230
 PI STA. = 85+63.70
 $\Delta = 4^\circ 08' 45"$ (LT)
 $D = 0^\circ 26' 47"$
 $R = 12,832.34'$
 $T = 464.46'$
 $L = 928.52'$
 $E = 8.40'$
 $e = \underline{\hspace{1cm}}$
 $T.R. = \underline{\hspace{1cm}}$
 $S.E. RUN = \underline{\hspace{1cm}}$
 $P.C. STA. = 80+99.24$
 $P.T. STA. = 90+27.75$

EA BOUND US 20
 EXIST. CURVE A200
 PI STA. = 85+87.36
 $\Delta = 4^\circ 08' 34"$ (LT)
 $D = 0^\circ 25' 40"$
 $R = 13,394.59'$
 $T = 484.46'$
 $L = 968.50'$
 $E = 8.76'$
 $e = \underline{\hspace{1cm}}$
 $T.R. = \underline{\hspace{1cm}}$
 $S.E. RUN = \underline{\hspace{1cm}}$
 $P.C. STA. = 81+02.90$
 $P.T. STA. = 90+71.40$

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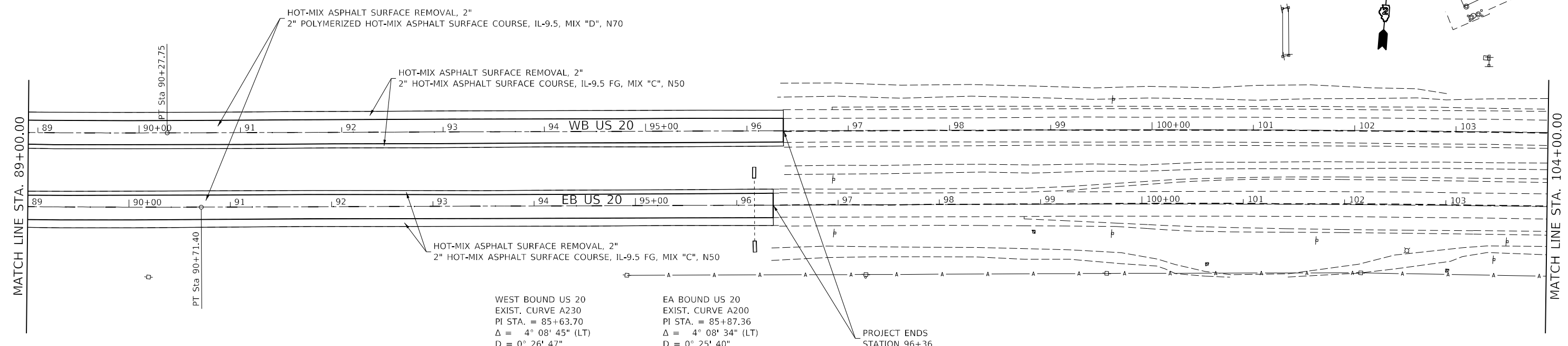
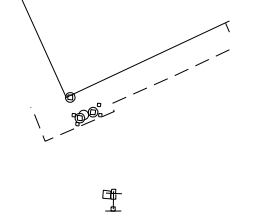
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PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	25
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

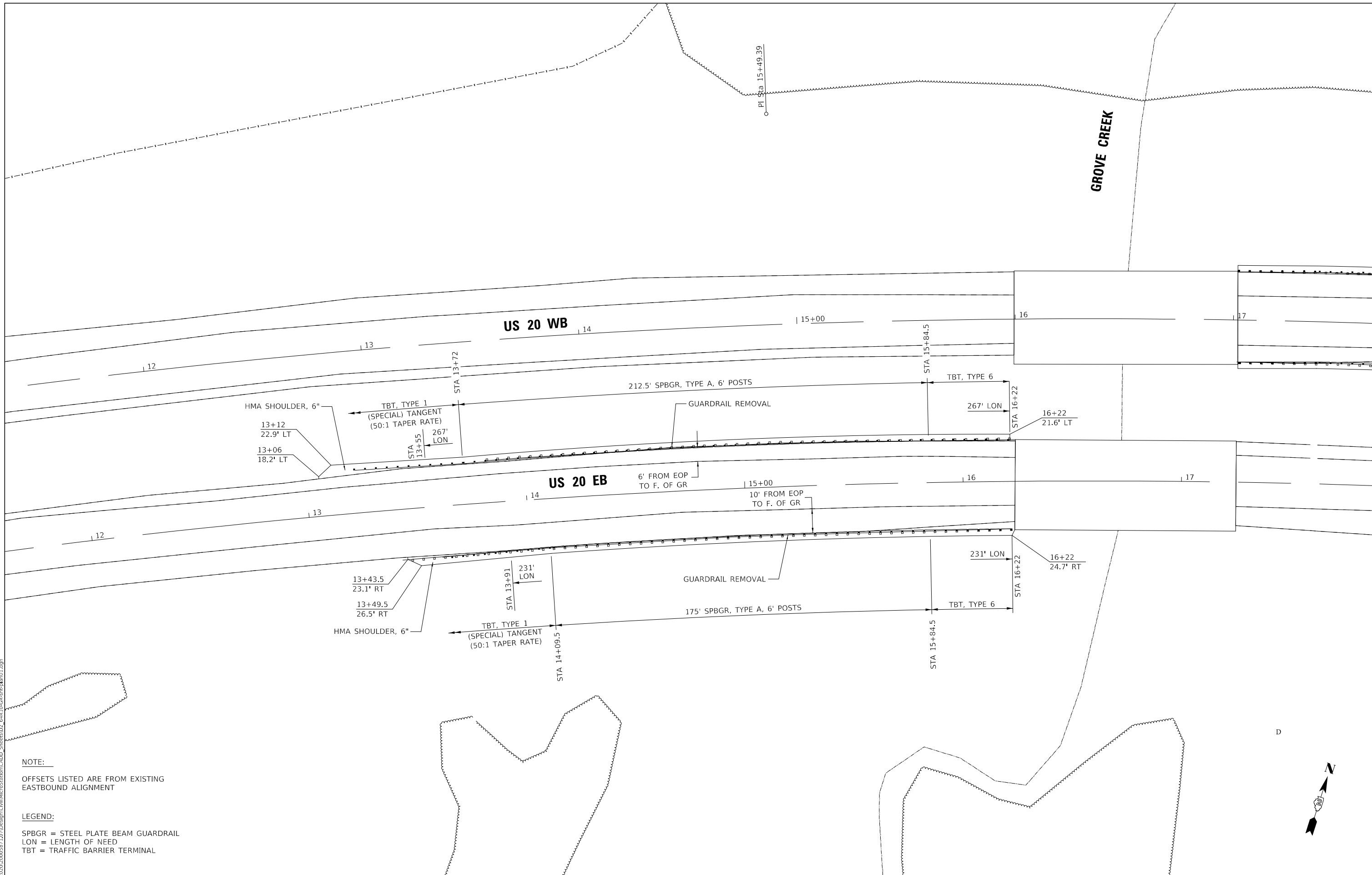


<p>WEST BOUND US 20 EXIST. CURVE A230 PI STA. = 85+63.70 $\Delta = 4^\circ 08' 45''$ (LT) $D = 0^\circ 26' 47''$ $R = 12,832.34'$ $T = 464.46'$ $L = 928.52'$ $E = 8.40'$ $e = \underline{\hspace{1cm}}$ $T.R. = \underline{\hspace{1cm}}$ $S.E. RUN = \underline{\hspace{1cm}}$ $P.C. STA. = 80+99.24$ $P.T. STA. = 90+27.75$</p>	<p>EA BOUND US 20 EXIST. CURVE A200 PI STA. = 85+87.36 $\Delta = 4^\circ 08' 34''$ (LT) $D = 0^\circ 25' 40''$ $R = 13,394.59'$ $T = 484.46'$ $L = 968.50'$ $E = 8.76'$ $e = \underline{\hspace{1cm}}$ $T.R. = \underline{\hspace{1cm}}$ $S.E. RUN = \underline{\hspace{1cm}}$ $P.C. STA. = 81+02.90$ $P.T. STA. = 90+71.40$</p>
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NOTE:
 HOT-MIX ASPHALT SURFACE REMOVAL, 4" (4' WIDE ALONG CENTERLINE)
 4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N70 (4' WIDE ALONG CENTERLINE)

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USER NAME = Deweya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 4	OF 4	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT
PLOT DATE = 12/10/2021	CHECKED -	REVISED -					(17R-1, 17R-3)RS	WINNEBAGO	41	26	CONTRACT NO. 64R10



NOTE:
 OFFSETS LISTED ARE FROM EXISTING EASTBOUND ALIGNMENT

LEGEND:
 SPBGR = STEEL PLATE BEAM GUARDRAIL
 LON = LENGTH OF NEED
 TBT = TRAFFIC BARRIER TERMINAL

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 DRAWN - MAP
 CHECKED - JWD
 DATE -

DESIGNED - PCB
 DRAWN - MAP
 CHECKED - JWD
 DATE -

DESIGNED - PCB
 DRAWN - MAP
 CHECKED - JWD
 DATE -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

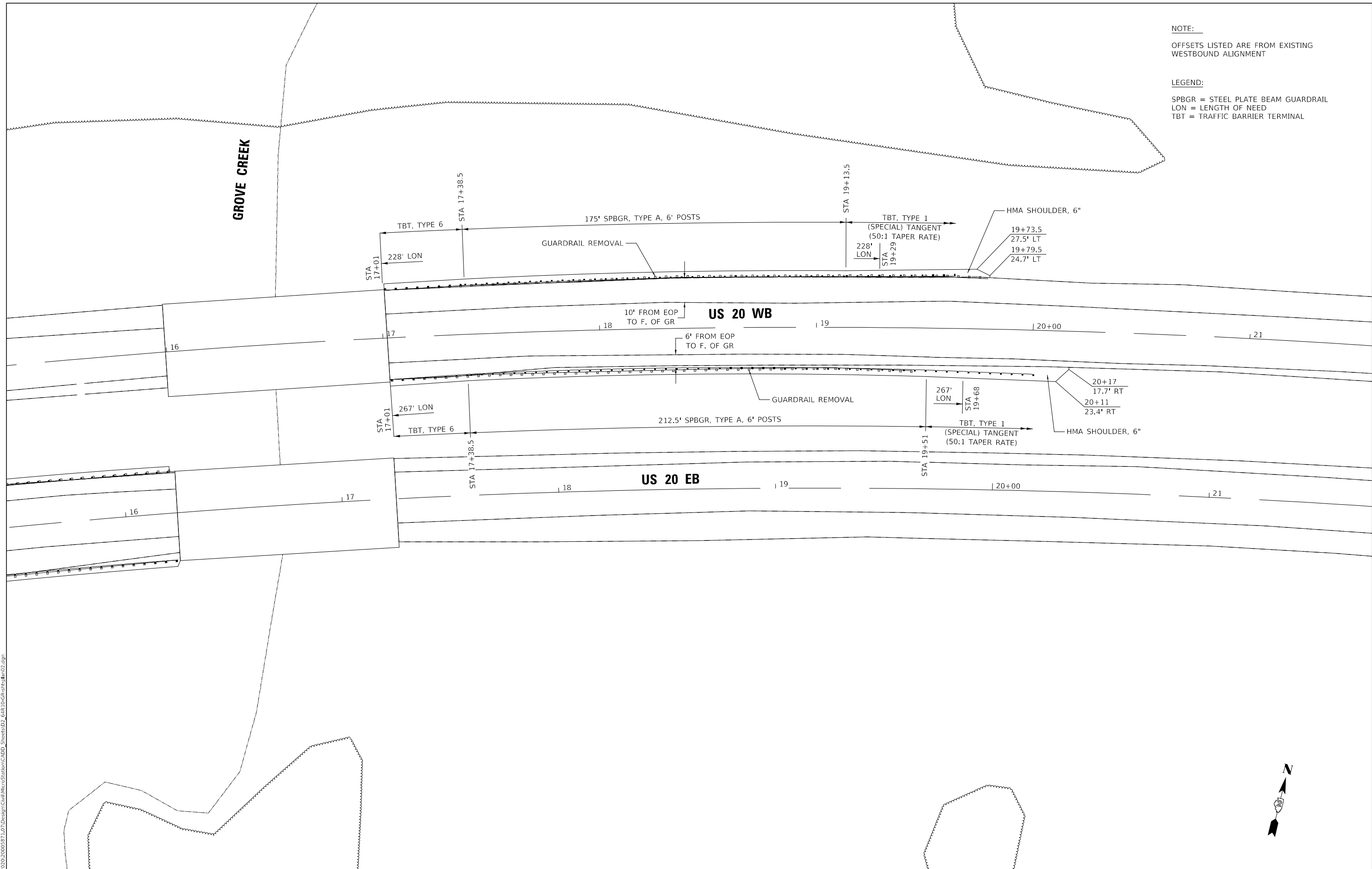
**GUARDRAIL AT STATION 14 + 50 EB
 DETAIL SHEET**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3) RS	WINNEBAGO	42	27
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

NOTE:
 OFFSETS LISTED ARE FROM EXISTING
 WESTBOUND ALIGNMENT

LEGEND:
 SPBGR = STEEL PLATE BEAM GUARDRAIL
 LON = LENGTH OF NEED
 TBT = TRAFFIC BARRIER TERMINAL



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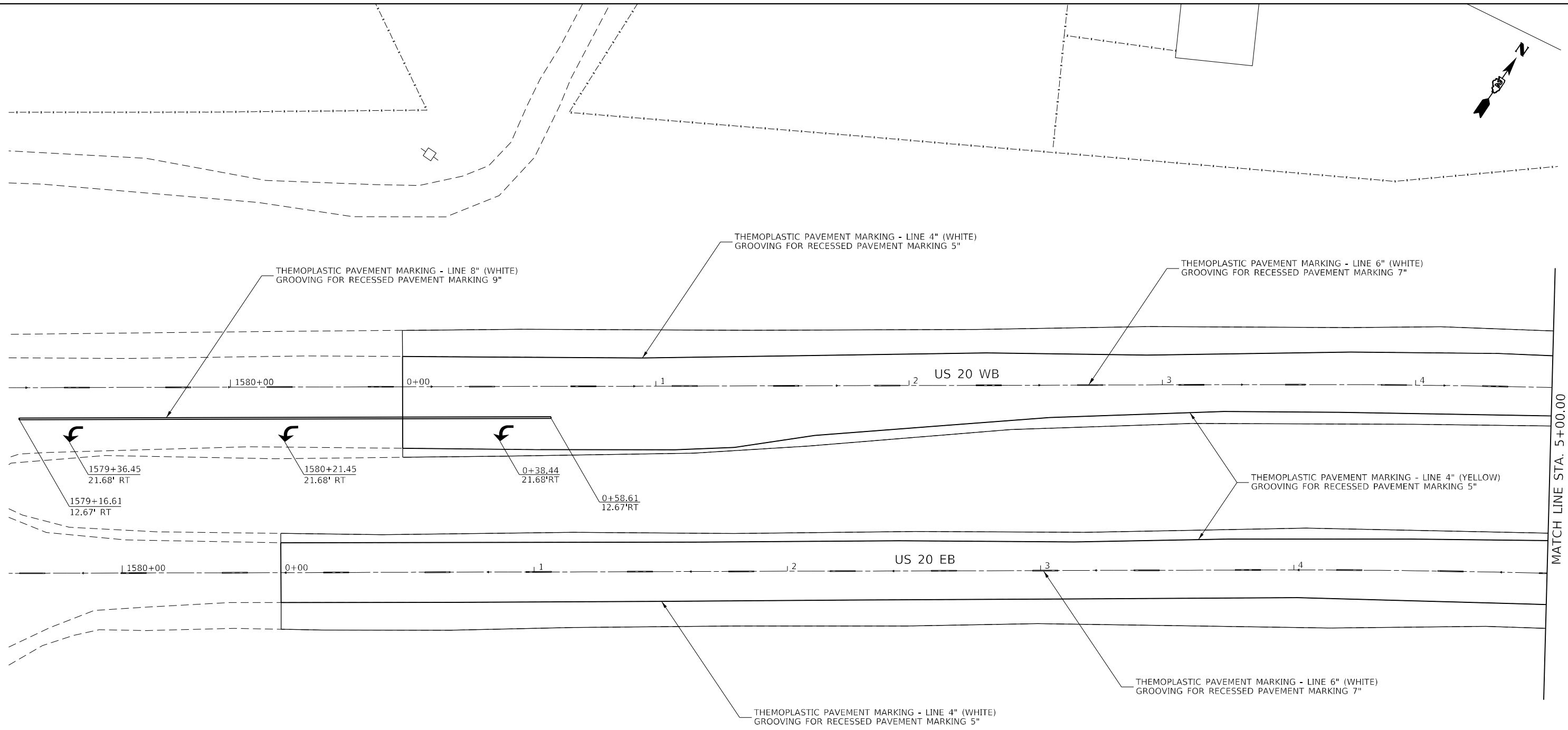
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PLOT DATE = 12/6/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AT STATION 18+50 WB
DETAIL SHEET

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3) RS	WINNEBAGO	42	28
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 5+00.00

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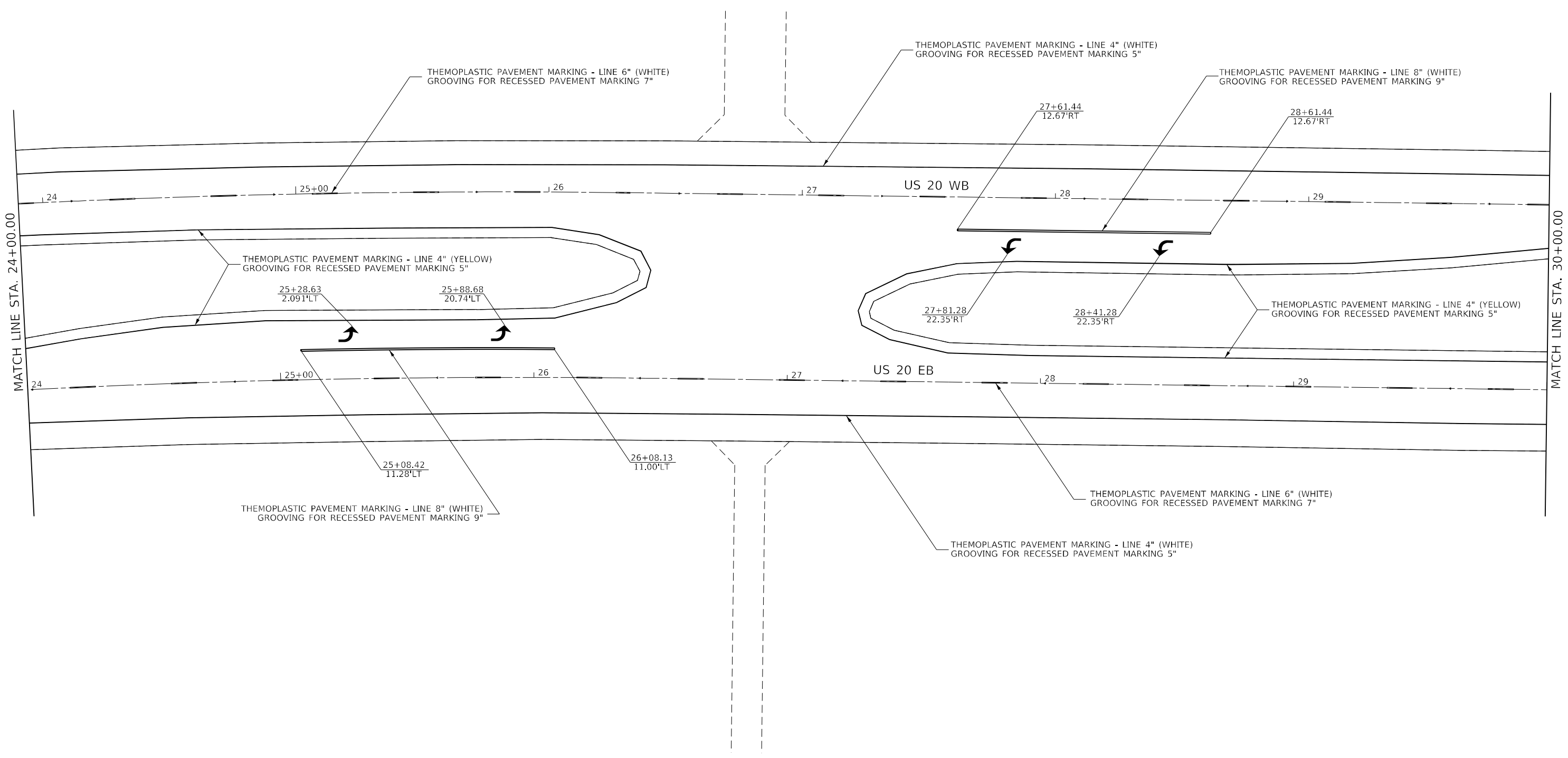
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	29
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

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



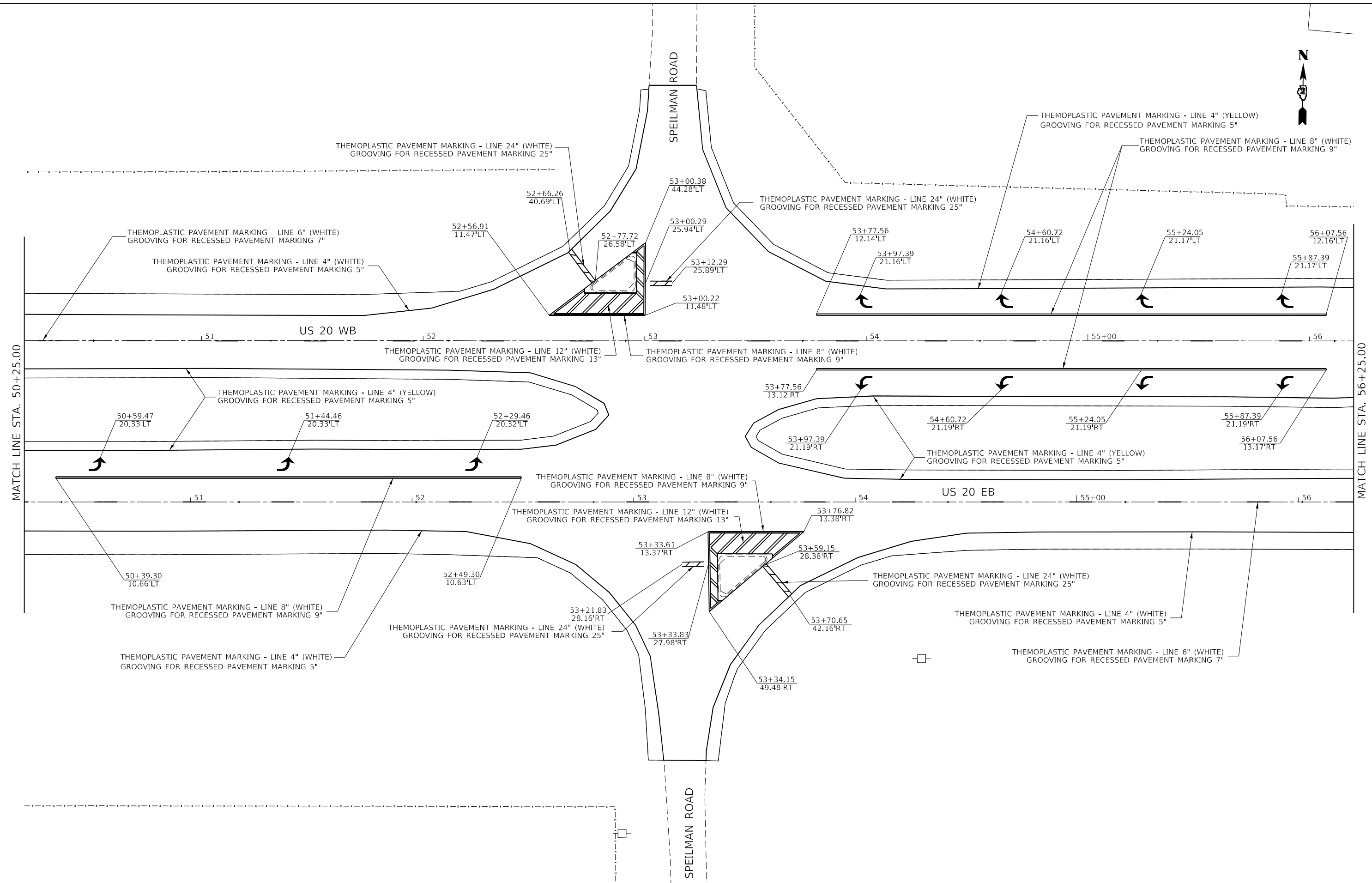
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PLOT DATE = 12/10/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SHEET
 SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	30
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				



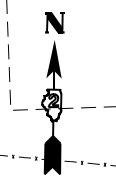
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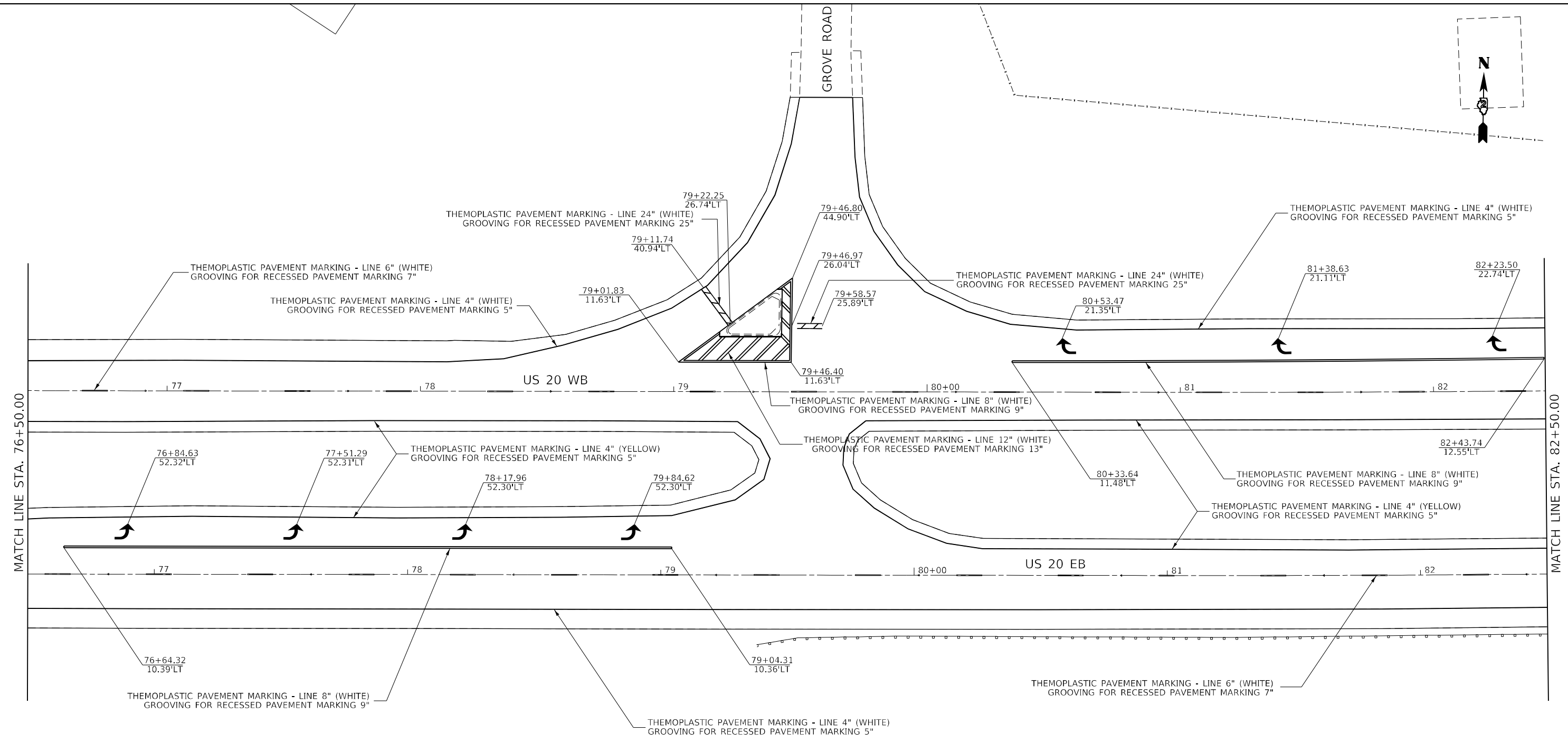
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	31
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				



GROVE ROAD



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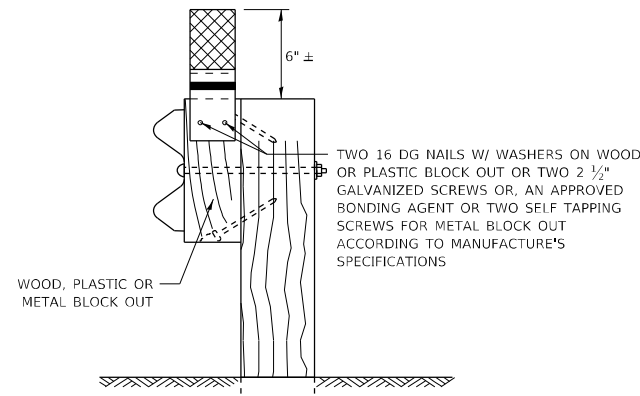
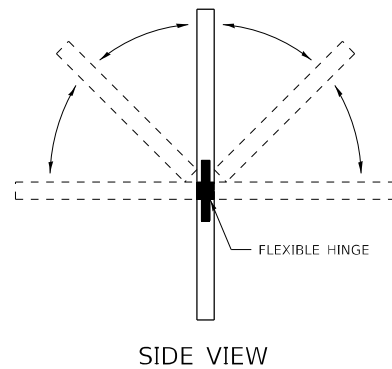
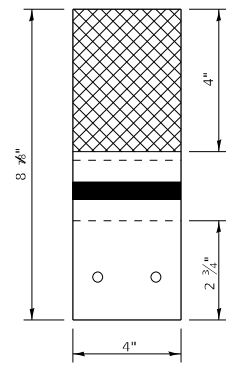
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PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	32
			CONTRACT NO. 64R10	
ILLINOIS FED. AID PROJECT				

GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

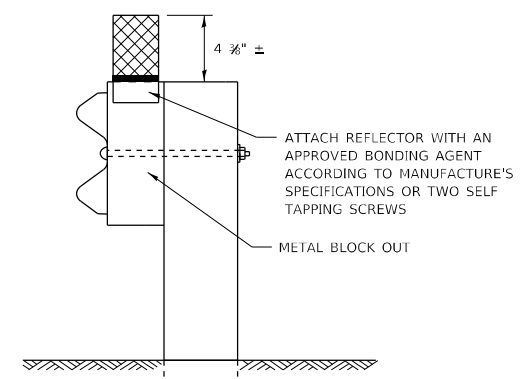
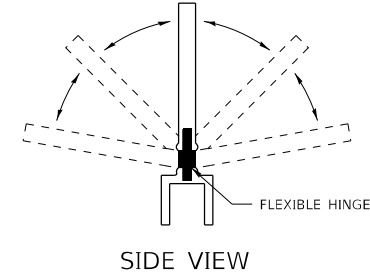
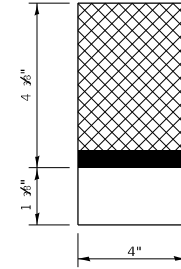


MOUNTED ON A WOOD OR PASTIC GUARDRAIL BLOCK OUT

REFLECTORS SHALL BE MOUNTED DIRECTLY TO WOOD OR PLASTIC BLOCK OUTS.

REFLECTORS MOUNTED ON WOODEN OR PLASTIC BLOCK OUT SHALL BE MOUNTED USING TWO 16 DG NAILS AND TWO 3/16" WASHERS OR TWO 2 1/2" GALVANIZED SCREWS WITH WASHERS.

REFLECTORS MOUNTED ON WOOD OR PLASTIC GUARDRAIL BLOCK OUT



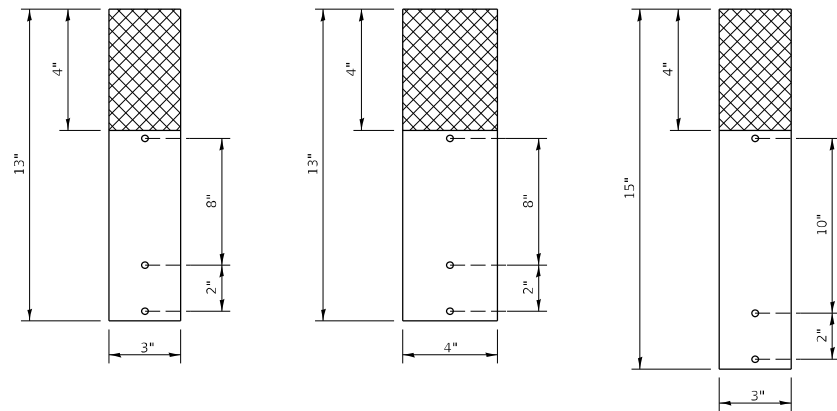
MOUNTED ON A METAL GUARDRAIL BLOCK OUT

REFLECTORS SHALL BE MOUNTED DIRECTLY TO METAL BLOCK OUT.

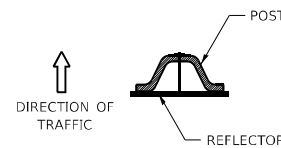
REFLECTORS MOUNTED ON METAL BLOCK OUT SHALL BE MOUNTED USING AN APPROVED BONDING AGENT PER THE MANUFACTURE'S SPECIFICATIONS OR TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

REFLECTORS MOUNTED ON METAL GUARDRAIL BLOCK OUT

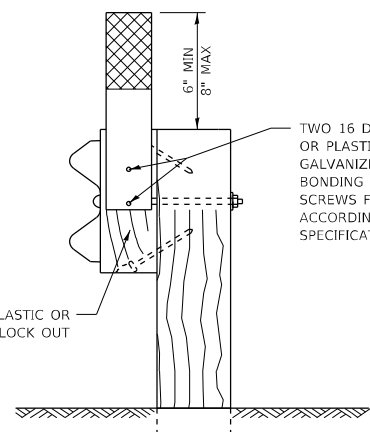
STRAIGHT GUARDRAIL / DELINEATOR REFLECTOR



SIDE VIEW



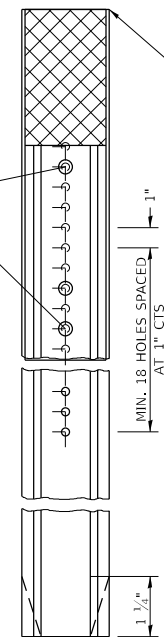
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE REFLECTOR ATTACHED AS SHOWN ABOVE.



MOUNTED ON A WOOD OR PASTIC GUARDRAIL BLOCK OUT

ADDITIONAL SHEETING MAY BE ADDED AS NEEDED FOR TURN AROUNDS AS SHOWN IN THE PLANS

10/24 X 1 1/2" BOLTS WITH WASHERS AND NUT (ADDITIONAL HOLES MAY BE DRILLED AS NEEDED)



TOP OF REFLECTOR PLACED FLUSH WITH TOP OF POST UNLESS DOUBLE SIDED REFLECTOR IS CALLED FOR, THEN REFLECTOR SHALL BE PLACED SUCH THAT THE REFLECTOR IS ABOVE THE TOP OF THE POST AND VISIBLE.

MOUNTED ON A DELINEATOR POST

NOTE:

REFLECTORS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR GUARDRAIL REFLECTORS, TYPE C (SPECIAL), WHICH PRICE SHALL ALSO INCLUDE SCREWS/NAILS, WASHERS OR BONDING AGENT.

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS SHALL BE SINGLE SIDED.

SHEETING COLOR SHALL BE CALLED OUT IN THE PLANS.

SPACING FOR REFLECTORS SHALL BE ACCORDING TO STANDARD 782006 UNLESS OTHERWISE NOTED IN THE PLANS.

REFLECTORS MOUNTED ON GUARDRAIL SHALL BE 4" WIDE.

REFLECTORS MOUNTED ON DELINEATOR POST SHALL BE 3" WIDE.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

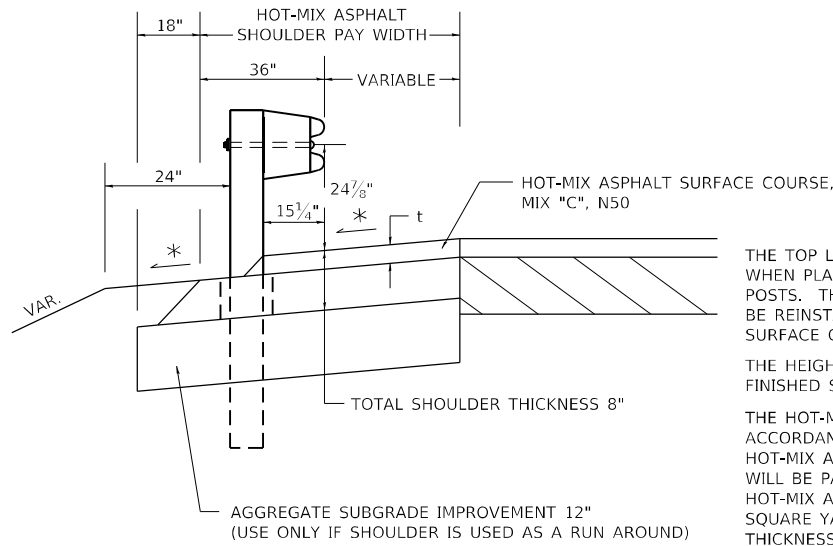
REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	33
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL



t = SEE TYPICAL SECTIONS FOR THICKNESS

GENERAL NOTES

THE TOP LIFT SHALL NOT BE PLACED BEHIND THE GUARDRAIL POSTS. WHEN PLACING THE TOP LIFT THE RAIL MUST BE REMOVED FROM THE POSTS. THE POST SHALL NOT BE REMOVED. THE RAIL ELEMENT SHALL BE REINSTALLED WITHIN 72 HOURS OF THE COMPLETION OF THE SURFACE COURSE.

THE HEIGHT OF THE GUARDRAIL SHALL BE SET 24 7/8" FROM THE FINISHED SURFACE.

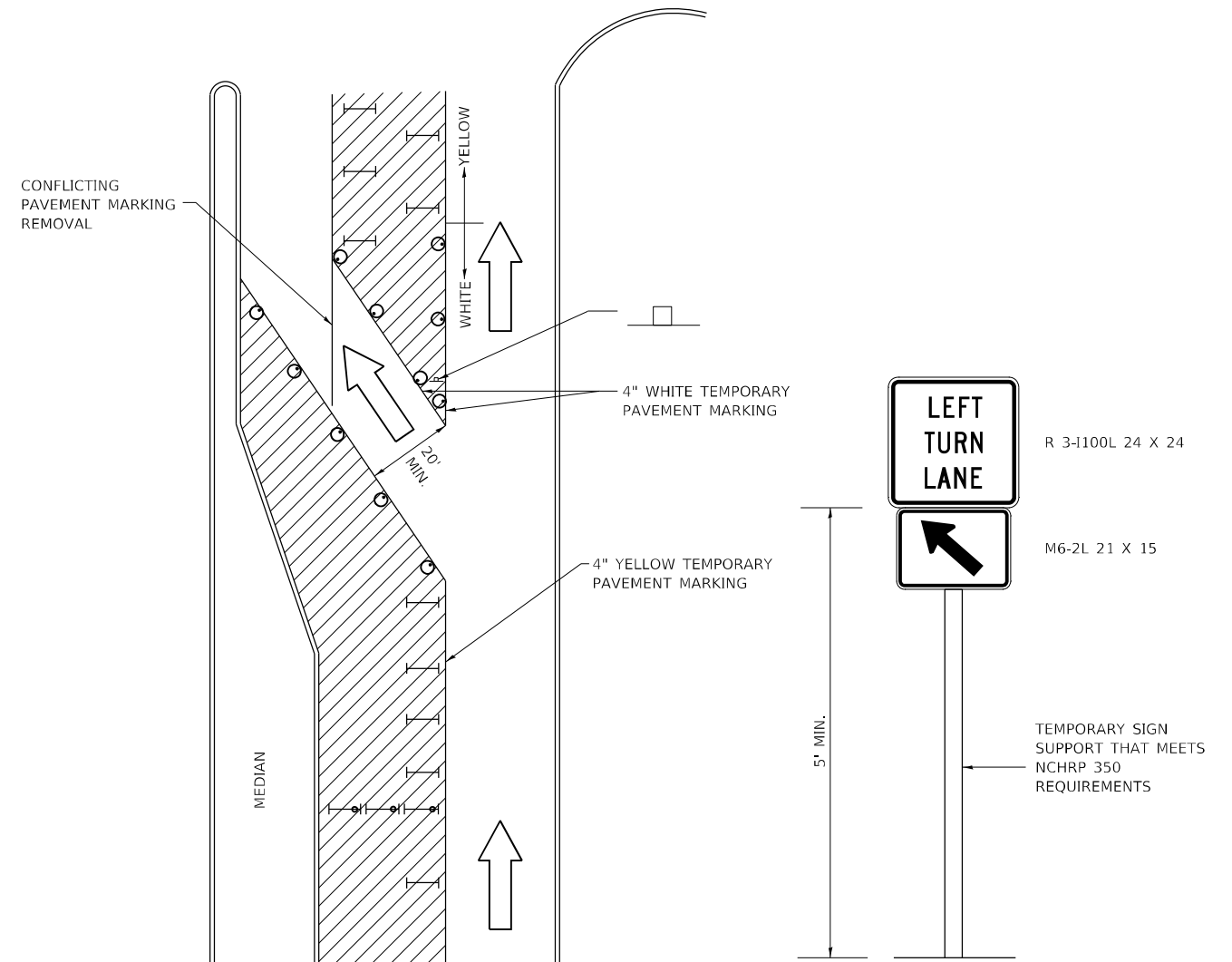
THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED. THE REMOVAL & REINSTALLATION OF THE GUARDRAIL WILL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATED SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

REVISED - 1-05-16
REVISED - 6-27-14
REVISED - 8-27-13
REVISED - 3-13-13

DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL 23.4

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.

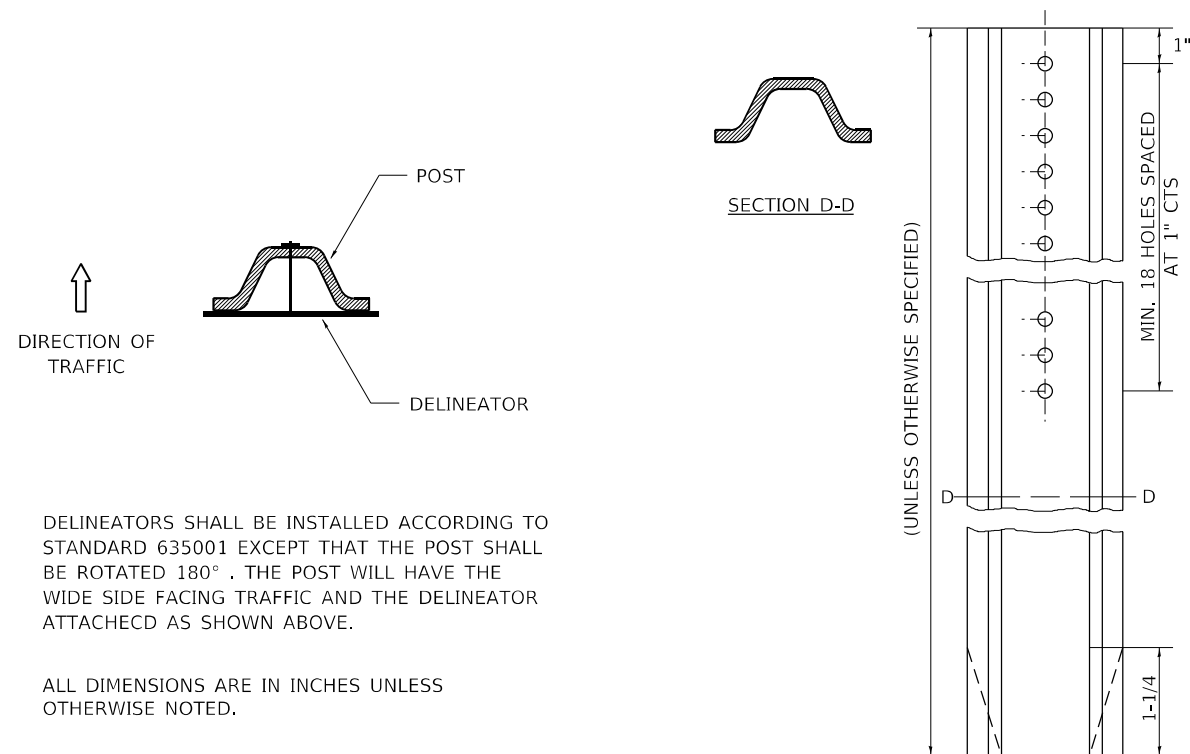
THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED.

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.

DELINEATOR AND POST ORIENTATION



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

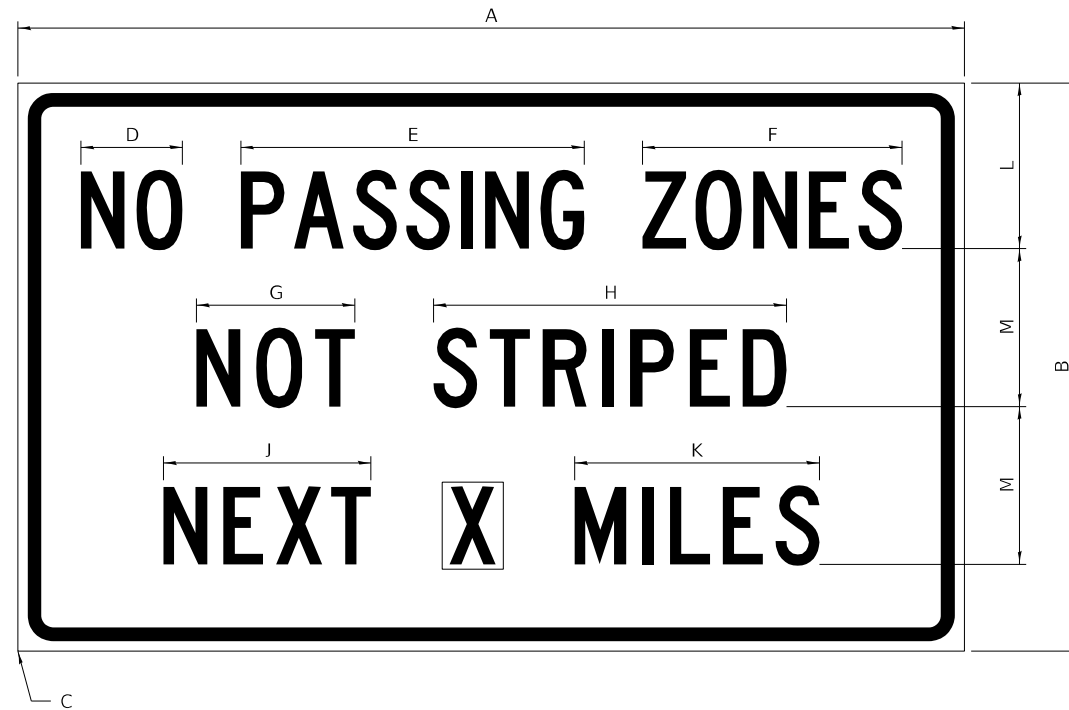
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REVISED -					301	(17R-1, 17R-3)RS	WINNEBAGO	41	34
REVISED -					CONTRACT NO. 64R10				
REVISED -					SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

Traffic Control and Protection at Turn Bays (To Remain Open to Traffic) 94.2

FILE NAME: p:\projects\1710221\1710221.dwg PLOT DATE: 11/10/2021

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



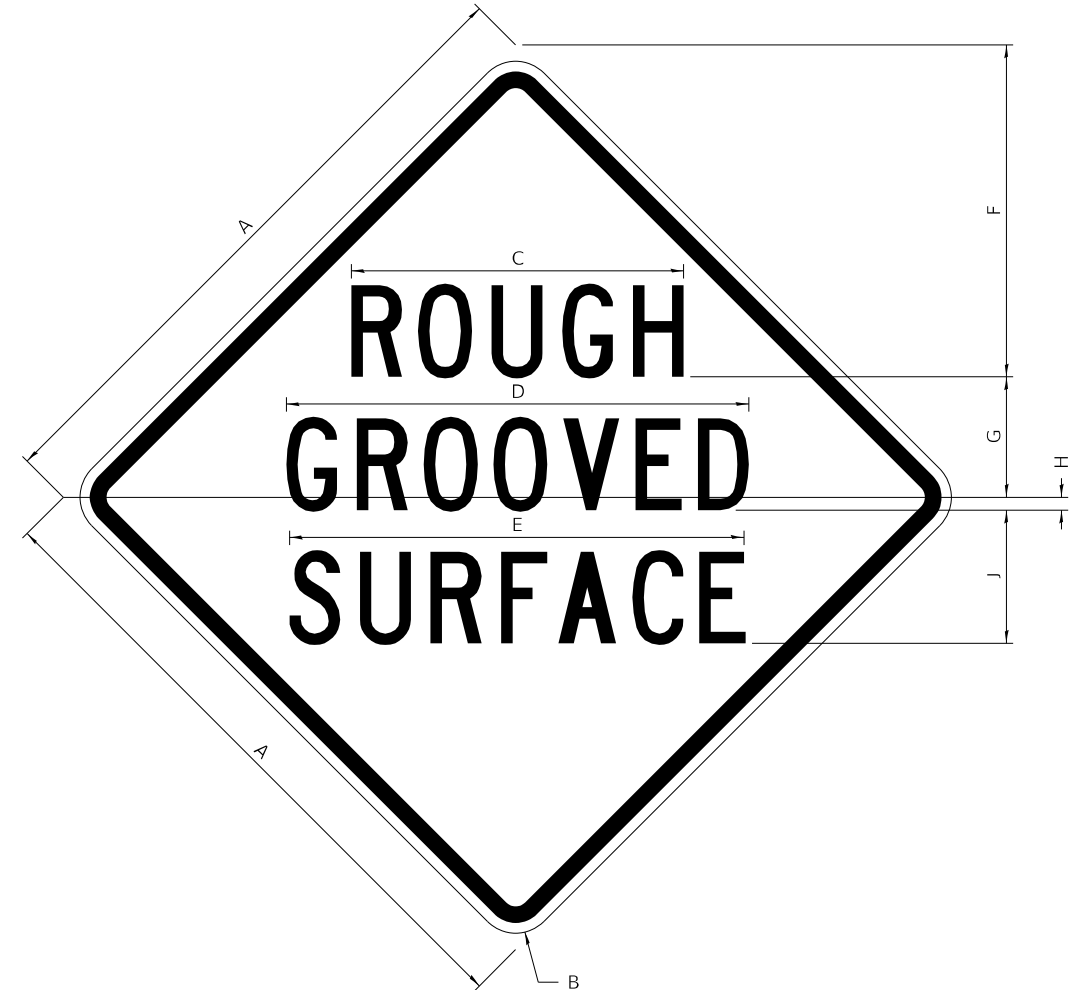
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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.

USER NAME = Deweya	DESIGNED -	REVISED - 3-02-16
FILE NAME: p:\dot-pw\Bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64R10\Program Development\Studies & Plans\Design\CADD\CAD\Sheet Standards.dgn	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

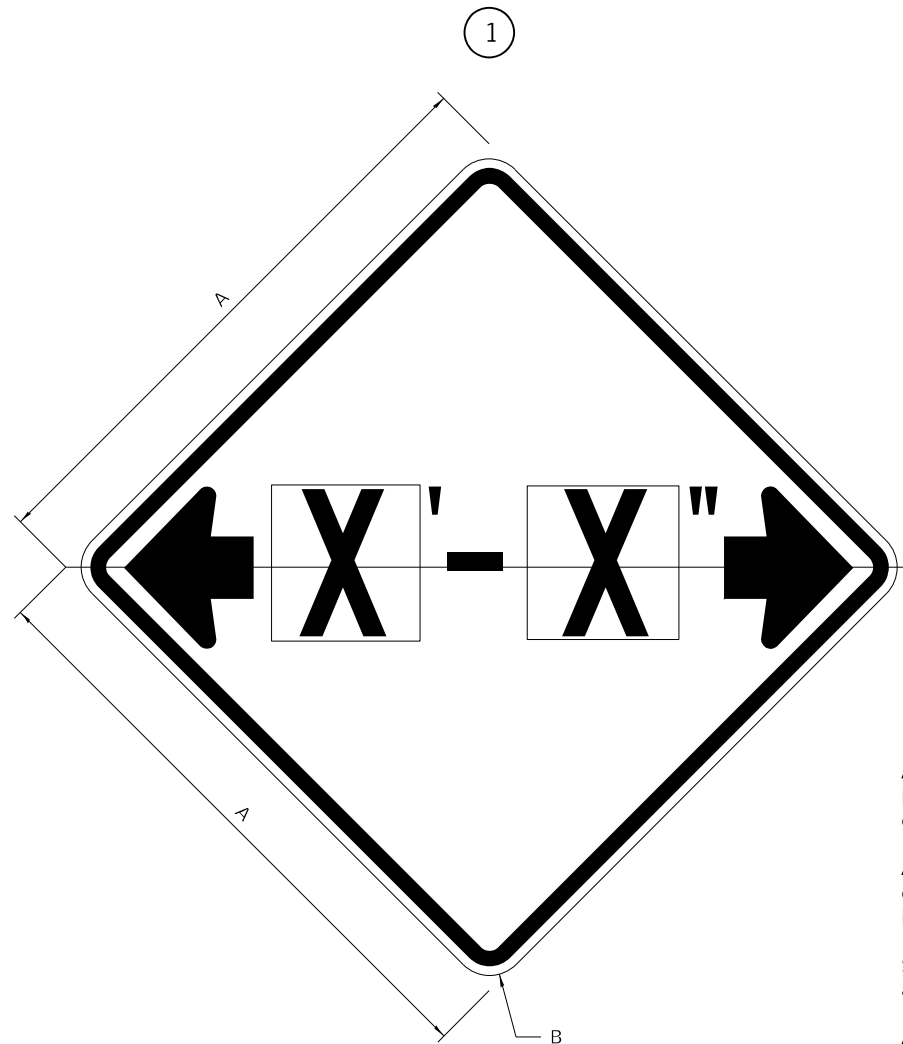
REGION 2 / DISTRICT 2 STANDARD

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

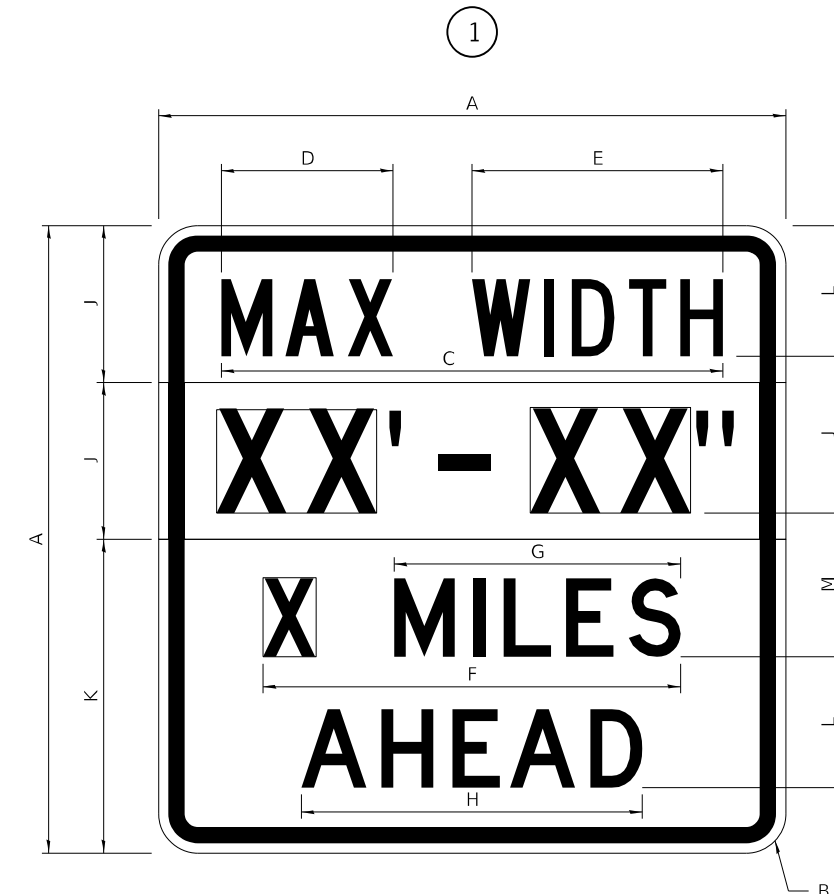
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	35
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

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.

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

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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 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

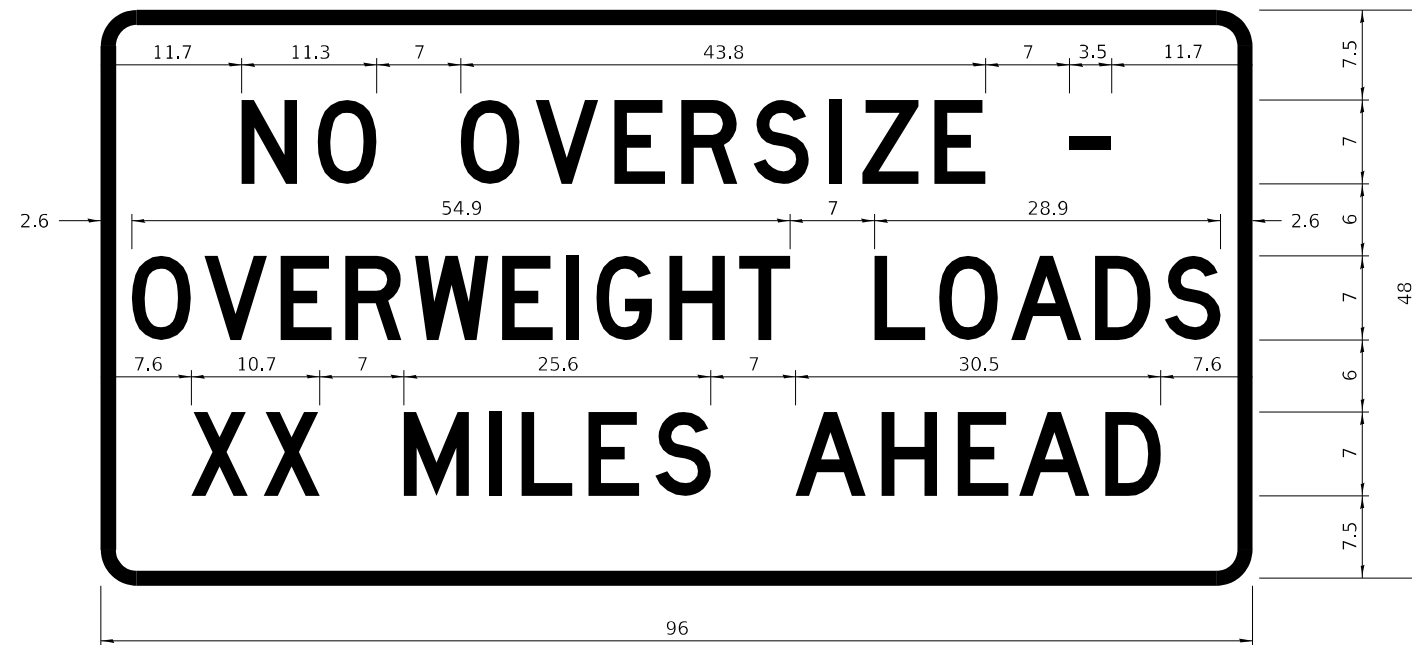
XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME: p:\dot-pw\... USER NAME = Deweya PLOT SCALE = 100,0000' / in. PLOT DATE = 12/10/2021	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - 3-02-16 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.	F.A.P. RTE. 301 SECTION (17R-1, 17R-3)RS COUNTY WINNEBAGO CONTRACT NO. 64R10	TOTAL SHEETS 41 SHEET NO. 36 ILLINOIS FED. AID PROJECT
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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
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COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	NON-REFLECTORIZED REFLECTORIZED
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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

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

Sign not to scale

GENERAL NOTES

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

All dimensions are in inches unless otherwise noted.

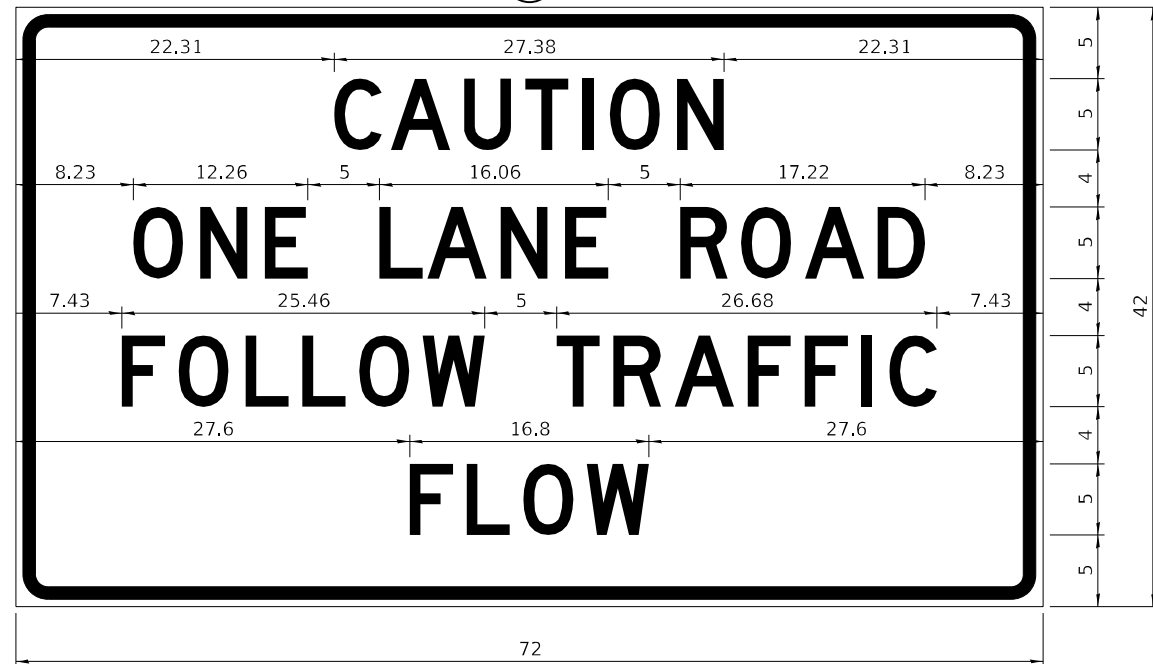
FILE NAME: p:\dot-pw\... USER NAME = Dewey DESIGNED - DRAWN - PLOT SCALE = 100,000' / in. PLOT DATE = 12/10/2021	DESIGNED - CHECKED - DATE -	REVISED - 3-02-16 REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE. 301 SECTION (17R-1, 17R-3)RS COUNTY WINNEBAGO TOTAL SHEETS 41 SHEET NO. 37 CONTRACT NO. 64R10 ILLINOIS FED. AID PROJECT
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SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS

2



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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

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

Table Of Widths And Spaces

22.31	C	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

GENERAL NOTES

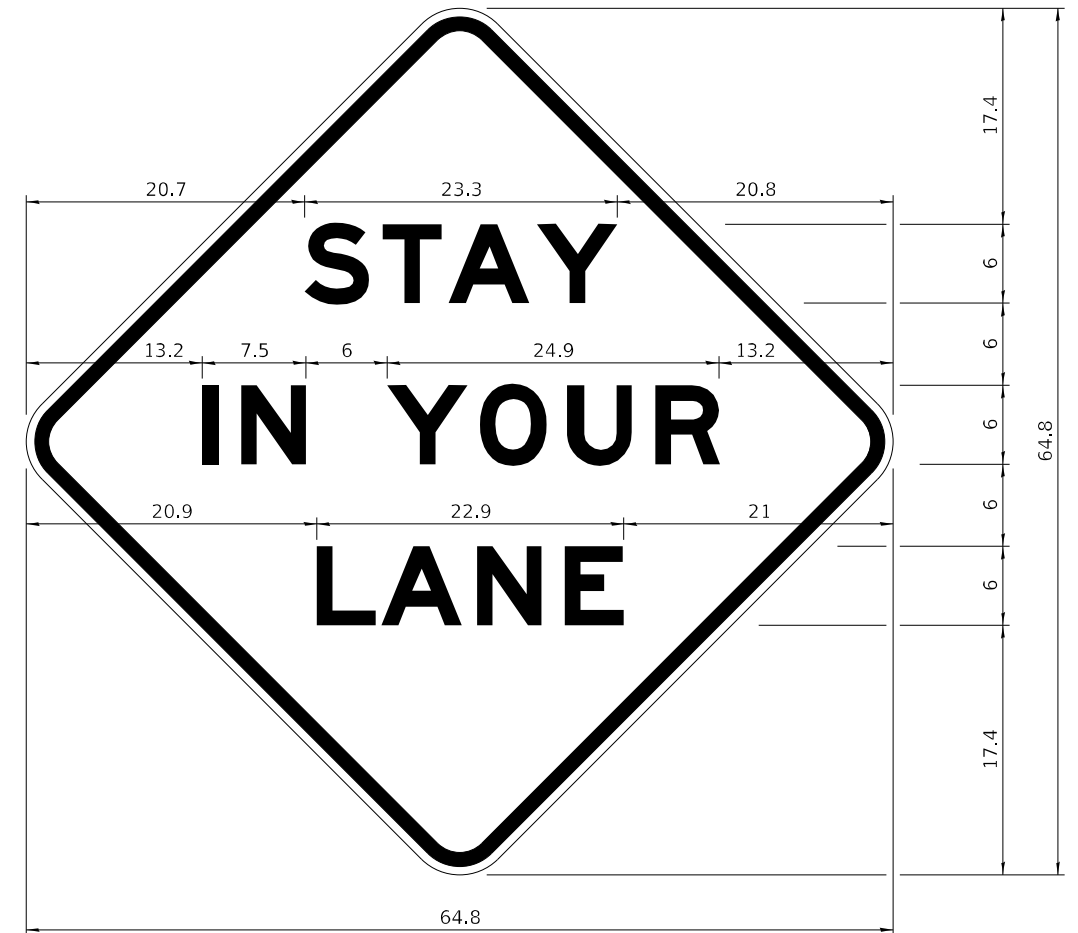
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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

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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

USER NAME = Deweya	DESIGNED -	REVISED - 3-02-16
FILE NAME: p:\dot\pw\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64R10\Program Design\Studies & Plans\Design\CADD\CAD Sheets\REVISED Sheet Standards.dgn	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

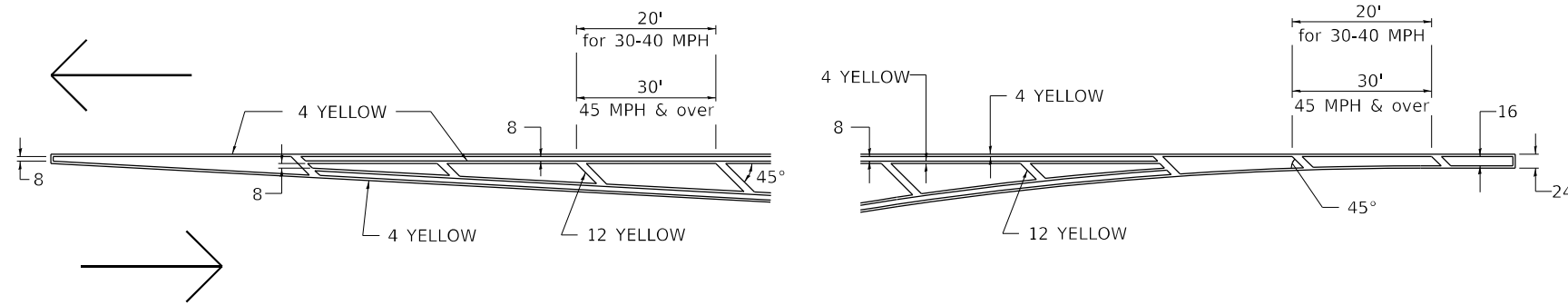
REGION 2 / DISTRICT 2 STANDARD

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

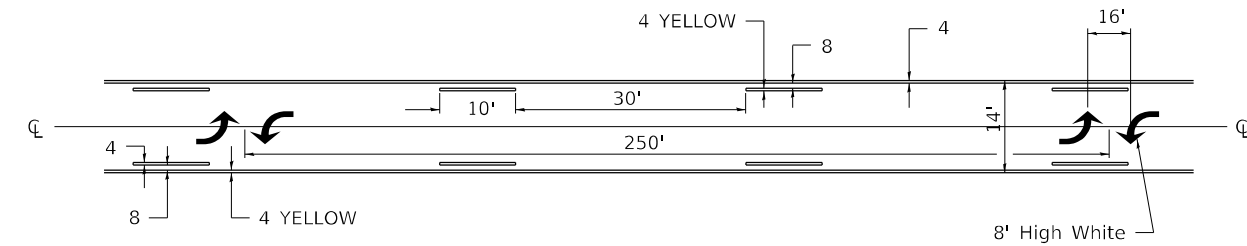
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	38
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

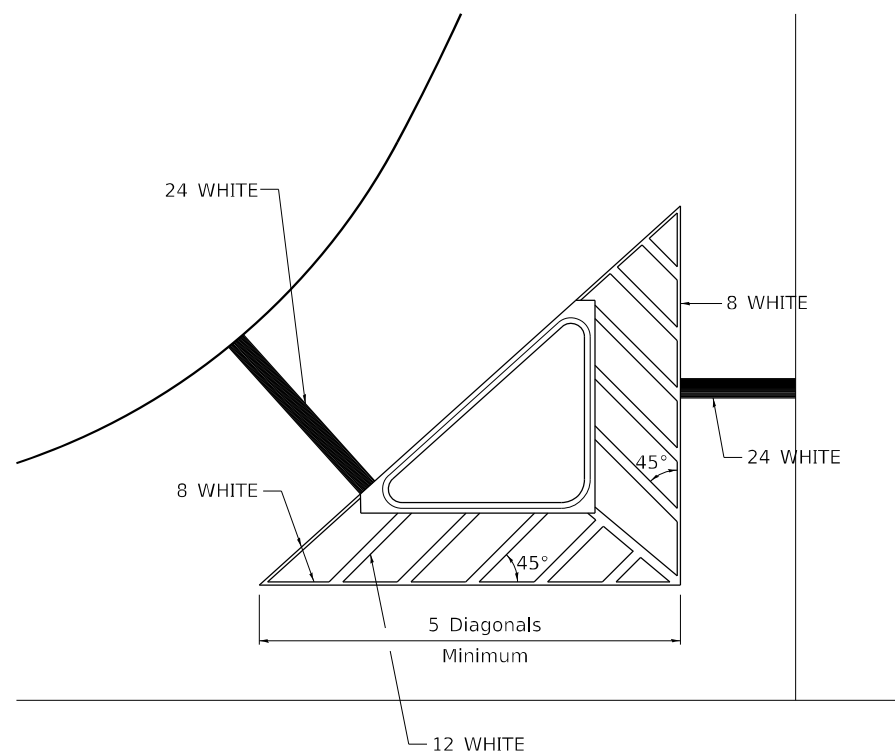


MEDIAN PAVEMENT MARKING



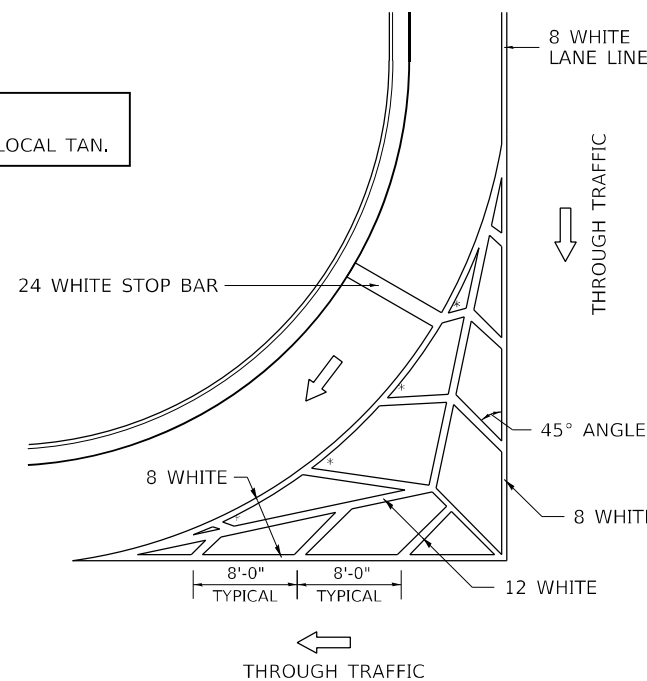
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



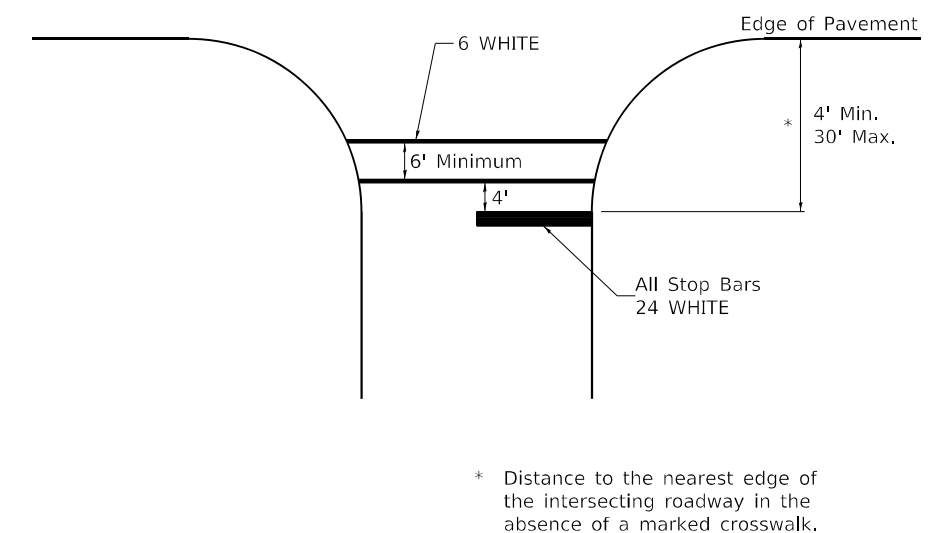
TYPICAL MARKING FOR PAINTED ISLANDS

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.

USER NAME = Deweya	DESIGNED -	REVISED - 6-27-14
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

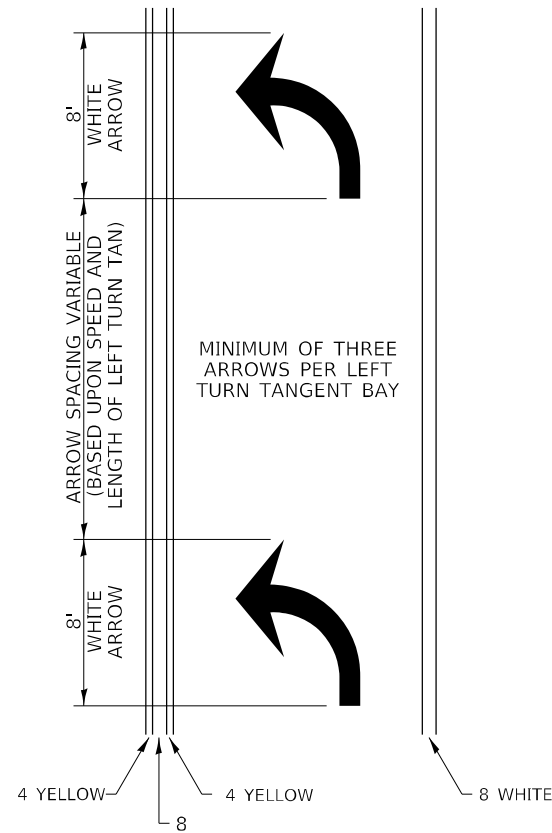
REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	39
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

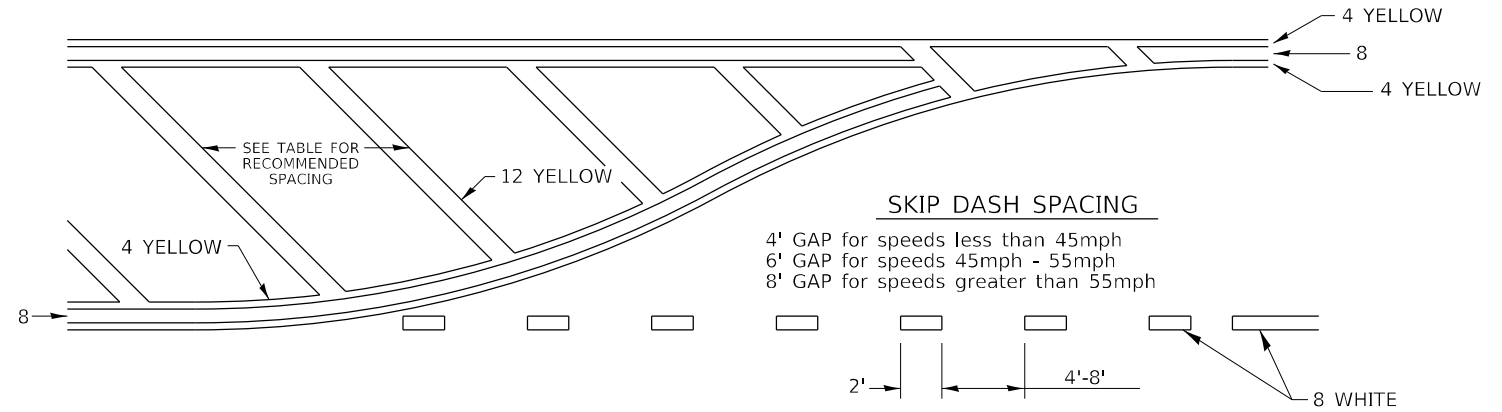
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

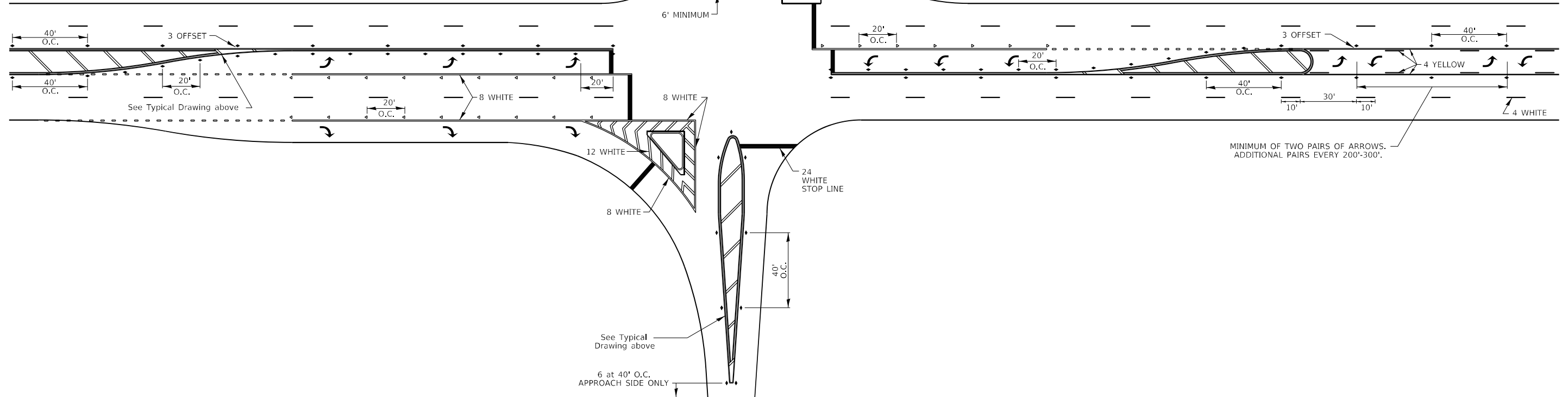
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

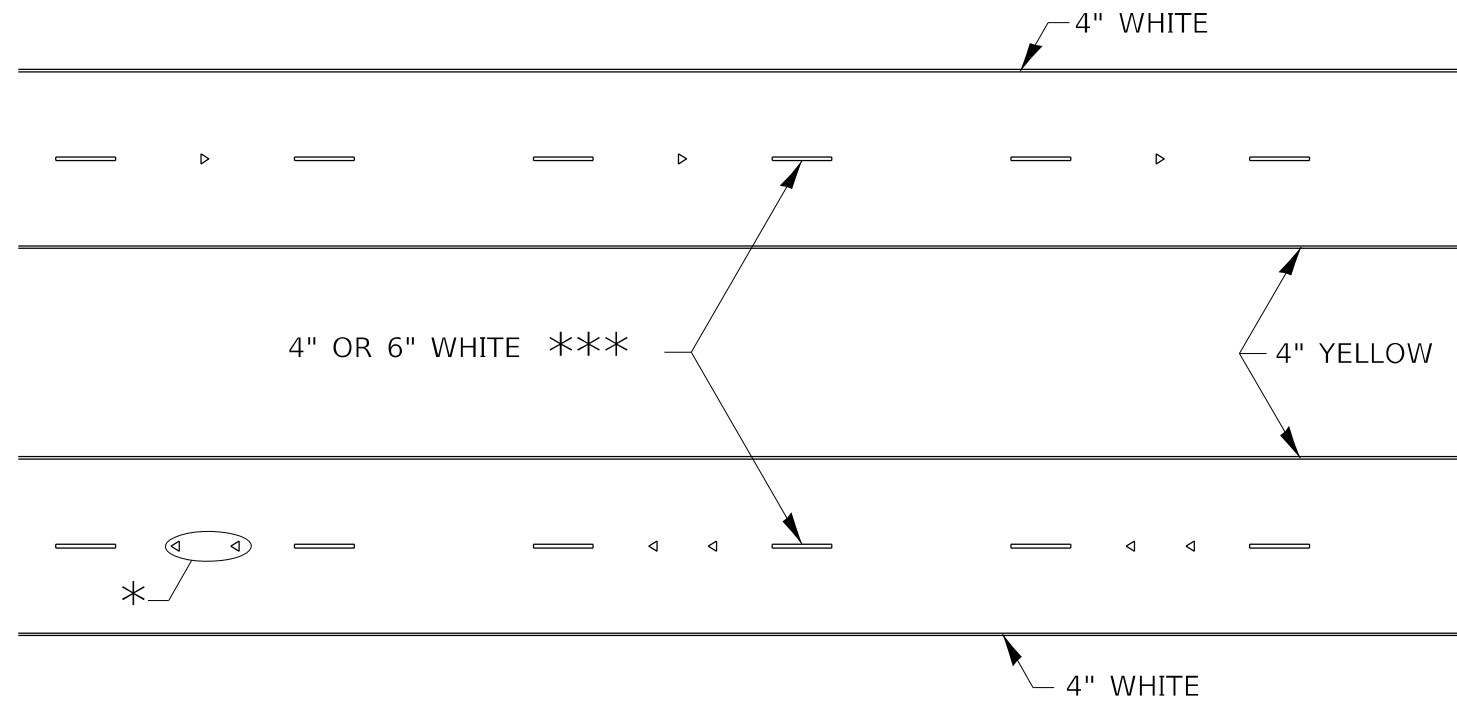
Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

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.



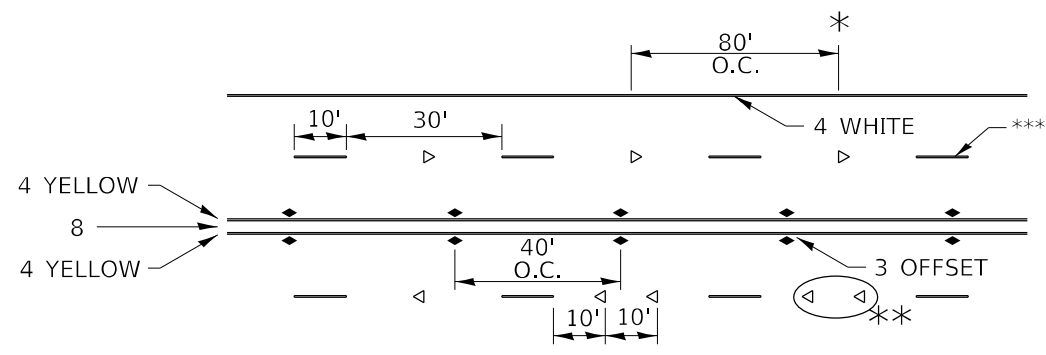
FILE NAME: p:\dot\pw\benley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64R10\Program\Drawings\Studies & Plans\Design\CADD\CAD Sheets\REVISED Sheet Start 2-05-17	USER NAME = Deweya	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE. 301	SECTION (17R-1, 17R-3)RS	COUNTY WINNEBAGO	TOTAL SHEETS 41	SHEET NO. 40
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 2 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 64R10				
	PLOT DATE = 12/10/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL PAVEMENT MARKINGS



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

MULTI-LANE / DIVIDED



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

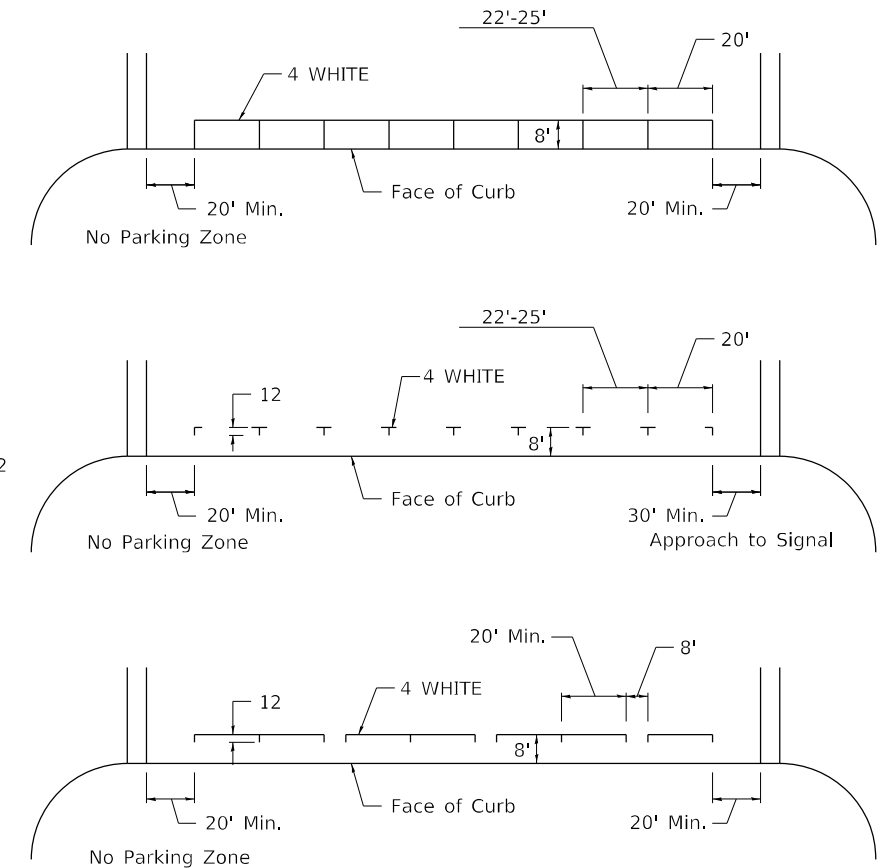
** USE DOUBLE MARKERS WHEN ADT \geq 20,000

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

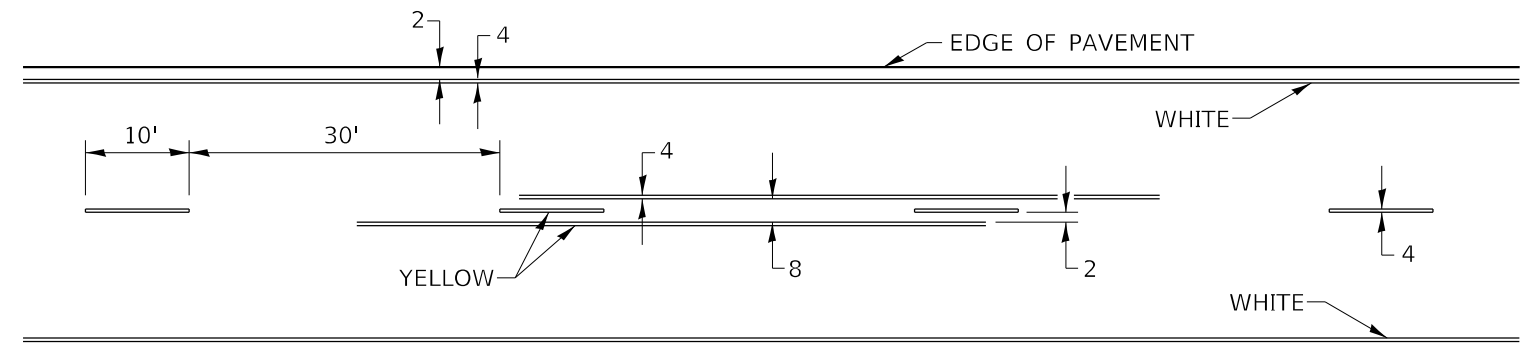
MULTI-LANE / UNDIVIDED & ONE WAY

(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

USER NAME = Deweya	DESIGNED -	REVISED - 6-27-14
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 11-28-12
PLOT DATE = 12/10/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(17R-1, 17R-3)RS	WINNEBAGO	41	41
CONTRACT NO. 64R10				
ILLINOIS FED. AID PROJECT				