

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	110N	WHITESIDE	27	1
		ILLINOIS	CONTRACT NO. 64P95	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 309 (US 30)  
SECTION 110N  
PROJECT HSIP-HKIC(668)  
INTERSECTION IMPROVEMENT  
WHITESIDE COUNTY  
US 30 AND EMERSON ROAD

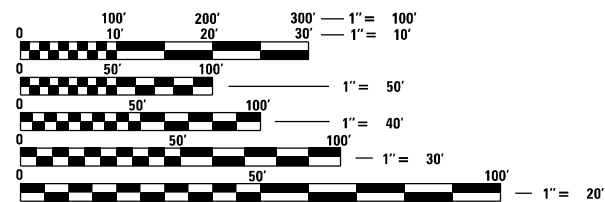
R 6 E C-92-011-22

**HIGHWAY CLASSIFICATION**

F.A.P. ROUTE 309 (US 30)  
CLASSIFICATION: OTHER PRINCIPLE ARTERIAL  
ADT: 6,700 (2019)  
P.V. = 5,325  
M.U. = 850  
S.U. = 525  
DESIGN SPEED: 60 MPH  
POSTED SPEED: 55 MPH

EMERSON ROAD  
CLASSIFICATION: MAJOR COLLECTOR  
ADT: 3,350 (2016)  
P.V. = 3,060  
M.U. = 180  
S.U. = 110  
DESIGN SPEED: 60 MPH  
POSTED SPEED: 55 MPH

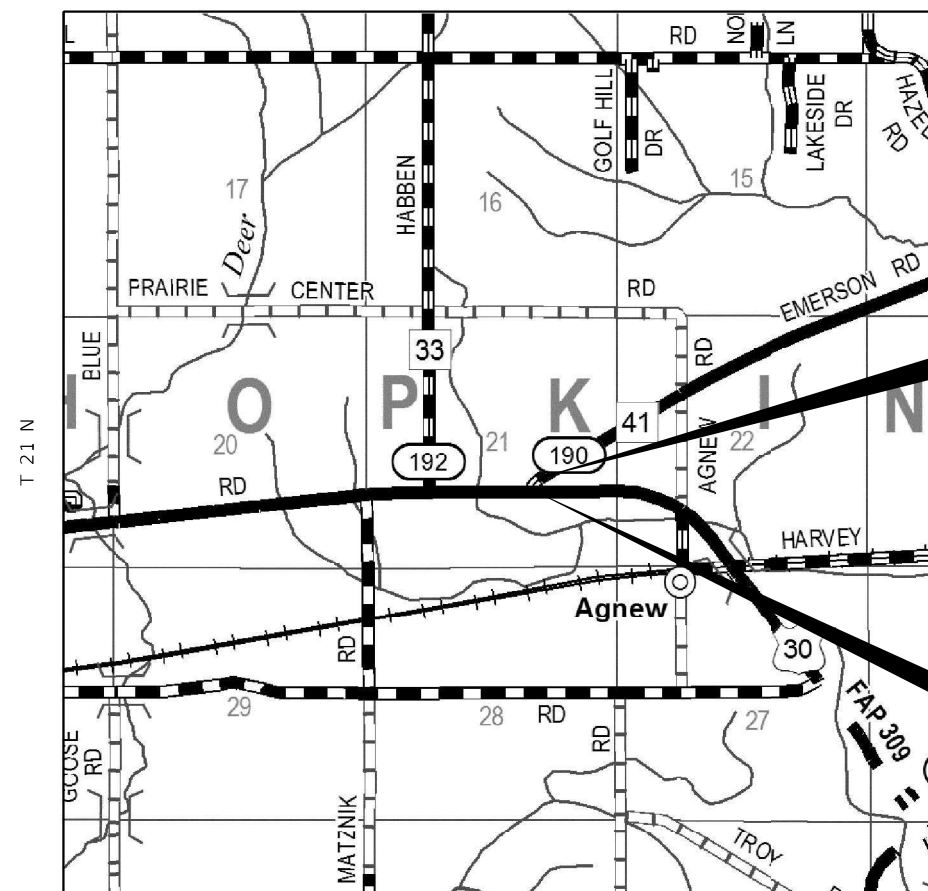
HOPKINS TOWNSHIP SECTION 21



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

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

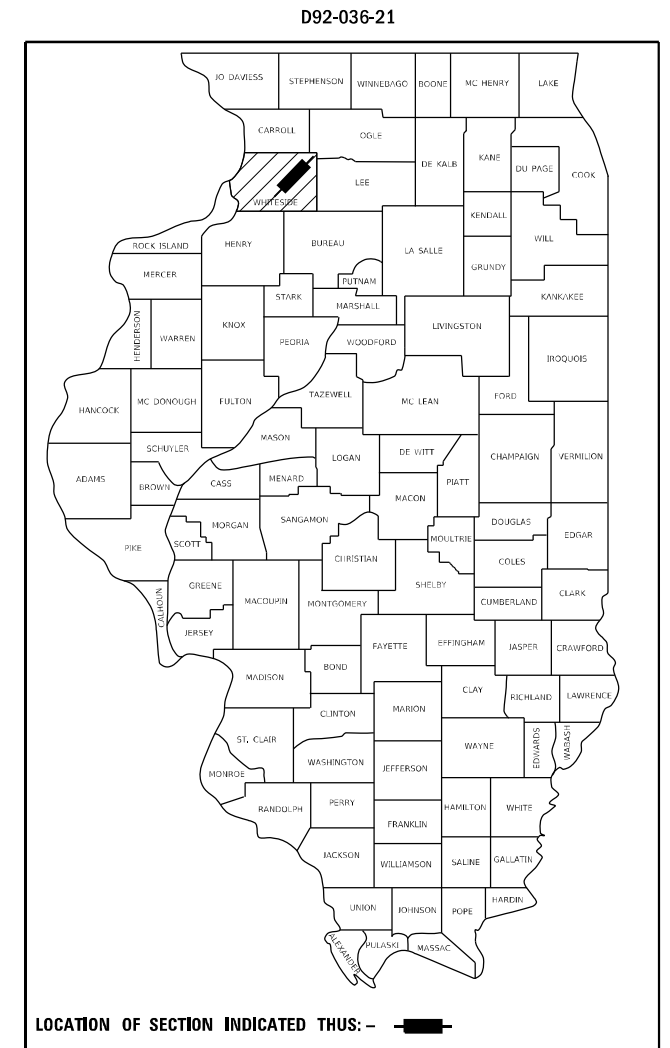
PROJECT ENGINEER: ANDREW LEE  
SQUAD LEADER: ROBERT BARTON  
PROJECT MANAGER: DENNISSE OTERO-LOPEZ (815)-284-5924  
EMAIL: [Dennisse.Otero-Lopez@illinois.gov](mailto:Dennisse.Otero-Lopez@illinois.gov)  
CONTRACT NO. 64P95



PROJECT ENDS  
STA. 2002 + 80

PROJECT BEGINS  
STA. 2000 + 19

GROSS LENGTH = 261 FT. = 0.05 MILE  
NET LENGTH = 261 FT. = 0.05 MILE



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 03/18 2022  
*Andrew Lee*  
REGIONAL ENGINEER

May 13, 2022 *Scott A. Etkin*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 *Stephen M. Smith*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -				309	110N	WHITESIDE	27	2
PLOT DATE = 3/18/2022	CHECKED -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		CONTRACT NO. 64P95				
	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

# GENERAL NOTES

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. **(Include the following sentence ONLY if seeding is less than 0.5 Acre)** This work will be included in the contract unit price per Cubic Yard for EARTH EXCAVATION.

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.

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 EARTH EXCAVATION.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

The following Mixture Requirements are applicable for this project:

Location	Resurfacing	Shoulders	
Mixture Use(s):	Surface	Top Lift	All Lower Lifts
PG:	PG 58-28	PG 58-28	PG 58-28
Design Air Voids:	4.0 @ N70	4.0 @ N70	4.0 @ N50
Mixture Composition:	IL 9.5	IL 9.5	IL 19.0
Friction Aggregate:	D	D	N/A
Mixture Weight:	112 lb/sy/in	112 lb/sy/in	N/A
Quality Management Program:	QC/QA	QC/QA	QC/QA
Sublot Size:	N/A	N/A	N/A
Material Transfer Device	N/A	N/A	N/A

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.

Culvert & bridge flows must be maintained throughout the project. Normal flow shall be allowed to pass at the rate it enters the jobsite. High flows shall be allowed to pass without causing damage to upstream properties.

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:

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

The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

Ms. Patricia Harris	Commonwealth Edison Company	630-437-2212
Mr. Lance Sandy	iFiber	815-753-5798
Mr. Hector Garcia	AT&T	630-573-5465
Mr. Chad Kirkland	Level 3 (Century Link)	636-887-4747

FILE NAME = 64P95.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 - 3/16/2022 11:43 AM	REVISED -		SCALE:	SHEET NO. 1	OF	SHEETS 1	STA.	TO STA.	ILLINOIS	FED. AID PROJECT

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FEDERAL 10% STATE	NONE 0005 RURAL
20200100	EARTH EXCAVATION	CU YD	20	20	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	127	127	
25100630	EROSION CONTROL BLANKET	SQ YD	127	127	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	16	16	
28000500	INLET AND PIPE PROTECTION	EACH	1	1	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	829	829	
35100100	AGGREGATE BASE COURSE, TYPE A	TON	25	25	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	290	290	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	937	937	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	664	664	
40604062	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	TON	186	186	
44000100	PAVEMENT REMOVAL	SQ YD	32	32	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1,888	1,888	
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	32	32	

\* SPECIALTY ITEMS

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SCALE:      SHEET 1 OF 3 SHEETS      STA.      TO STA.				ILLINOIS FED. AID PROJECT      CONTRACT NO. 64P95					



# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FEDERAL 10% STATE	NONE
				0005	RURAL
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	464	464	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	31	31	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	18	18	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	9	9	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	504	504	
X4402805	ISLAND REMOVAL	SQ FT	283	283	
X6061055	CONCRETE ISLAND (SPECIAL)	SQ FT	277	277	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	

\* SPECIALTY ITEMS

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# SCHEDULES

21101615	TOPSOIL FURNISH AND PLACE, 4"			REMARKS
SQ YD	LOCATION	OFFSET		
	EMERSON ROAD			
127	2000+19 - 2003+00	18.46' - 35.96' R/L		
<b>127</b>	<b>TOTAL</b>			

25100630	EROSION CONTROL BLANKET			REMARKS
SQ YD	LOCATION	OFFSET		
	EMERSON ROAD			
127	2000+19 - 2003+00	18.46' - 35.96' RT		
<b>127</b>	<b>TOTAL</b>			

28000250	TEMPORARY EROSION CONTROL SEEDING			REMARKS
POUND	LOCATION	OFFSET		
	EMERSON ROAD			
16	2000+19 - 2003+00	44.8' - 80.5' RT		
<b>16</b>	<b>TOTAL</b>			

28000500	INLET AND PIPE PROTECTION			REMARKS
EACH	LOCATION	OFFSET		
	EMERSON ROAD			
1	2000+90	47.71' RT		
<b>1</b>	<b>TOTAL</b>			

30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"			REMARKS
SQ YD	LOCATION	OFFSET		
	EMERSON ROAD			
369	2000+19 - 2001+60	15.33' - 34.27' RT		
459	2001+60 - 2002+80	15.05' - 19.04' RT		
<b>829</b>	<b>TOTAL</b>			

35100100	AGGREGATE BASE COURSE, TYPE A			REMARKS
TON	LOCATION	OFFSET		
	AGNEW ROAD			
25.1				GOOD NEIGHBOR POLICY
<b>25</b>	<b>TOTAL</b>			

44201396	CLASS C PATCHES, TYPE IV, 13 INCH			REMARKS
SQ YD	LOCATION	OFFSET		
	EMERSON ROAD			
31.4	2000+19 - 2001+60	15.33' - 34.27' RT		
<b>32</b>	<b>TOTAL</b>			

54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"			REMARKS
EACH	LOCATION	OFFSET		
	EMERSON ROAD			
1	2000+84	67.33' LT		
1	2000+90	47.71' RT		
<b>2</b>	<b>TOTAL</b>			

72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A			REMARKS
EACH	LOCATION	OFFSET		
	EMERSON ROAD			
1	2000+50	21.35' LT		STOP SIGN
<b>1</b>	<b>TOTAL</b>			

78000100	THERMOPLASTIC PAVEMENT - LETTERS AND SYMBOLS			REMARKS
SQ FT	LOCATION	OFFSET		
	US 30			
16	1097+24		RT	LEFT TURN ARROW
16	1097+99		RT	LEFT TURN ARROW
16	1098+74		RT	LEFT TURN ARROW
16	1099+50		RT	LEFT TURN ARROW
16	1100+24		RT	LEFT TURN ARROW
<b>78</b>	<b>TOTAL</b>			

78000200	THERMOPLASTIC PAVEMENT - LINE 4"			REMARKS
FOOT	LOCATION	OFFSET		
	EMERSON ROAD			
265	2000+51 - 2002+80		RT	WHITE EDGE LINE
465	2000+48 - 2002+80		CL	DOUBLE SOLID YELLOW LINE
	US 30			
108	1099+89 - 1100+44		CL	DOUBLE SOLID YELLOW LINE
235	1101+45 - 1102+04		CL	DOUBLE SOLID YELLOW LINE
<b>1073</b>	<b>TOTAL</b>			

78000500	THERMOPLASTIC PAVEMENT - LINE 8"			REMARKS
FOOT	LOCATION	OFFSET		
	EMERSON ROAD			
190	2000+29 - 2001+05		LT	WHITE PAINTED ISLAND
	US 30			
56	1099+88 - 1100+44		LT	WHITE PAINTED TURN LANE
<b>246</b>	<b>TOTAL</b>			

78000600	THERMOPLASTIC PAVEMENT - LINE 12"			REMARKS
FOOT	LOCATION	OFFSET		
	EMERSON ROAD			
355	2000+19 - 2002+80		LT	WHITE DIAGONALS
89	2000+29 - 2001+05		LT	WHITE PAINTED ISLAND
	US 30			
21	1101+42 - 1102+04		MEDIAN	SOLID YELLOW LINE
<b>464</b>	<b>TOTAL</b>			

78000650	THERMOPLASTIC PAVEMENT - LINE 24"			REMARKS
FOOT	LOCATION	OFFSET		
	EMERSON ROAD			
12	2000+50		LT	WHITE STOP BAR EMERSON ROAD
19	2000+41		LT	WHITE STOP BAR RIGHT TURN
<b>31</b>	<b>TOTAL</b>			

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PLOT DATE = 3/18/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	110N	WHITESIDE	27	8
CONTRACT NO. 64P95			ILLINOIS FED. AID PROJECT	



# SCHEDULES

78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS			
SQ FT	LOCATION	OFFSET	REMARKS	
<b>US 30</b>				
16	1097+24	RT	LEFT TURN ARROW	
16	1097+99	RT	LEFT TURN ARROW	
16	1098+74	RT	LEFT TURN ARROW	
16	1099+50	RT	LEFT TURN ARROW	
16	1100+24	RT	LEFT TURN ARROW	
<b>78</b>	<b>TOTAL</b>			

78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"			
FOOT	LOCATION	OFFSET	REMARKS	
<b>EMERSON ROAD</b>				
265	2000+51 - 2002+80	RT	WHITE EDGE LINE	
465	2000+48 - 2002+80	CL	DOUBLE SOLID YELLOW LINE	
<b>US 30</b>				
108	1099+89 - 1100+44		DOUBLE SOLID YELLOW LINE	
235	1101+45 - 1102+04	CL	DOUBLE SOLID YELLOW LINE	
<b>1073</b>	<b>TOTAL</b>			

78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"			
FOOT	LOCATION	OFFSET	REMARKS	
<b>EMERSON ROAD</b>				
190	2000+29 - 2001+05	LT	WHITE PAINTED ISLAND	
<b>US 30</b>				
56	1099+88 - 1100+44	LT	WHITE STOP BAR RIGHT TURN	
<b>246</b>	<b>TOTAL</b>			

78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"			
FOOT	LOCATION	OFFSET	REMARKS	
<b>EMERSON ROAD</b>				
355	2000+19 - 2002+80	LT	WHITE DIAGONALS	
89	2000+29 - 2001+05	LT	WHITE PAINTED ISLAND	
<b>US 30</b>				
21	1101+42 - 1102+04	MEDIAN	SOLID YELLOW LINE	
<b>464</b>	<b>TOTAL</b>			

78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"			
FOOT	LOCATION	OFFSET	REMARKS	
<b>EMERSON ROAD</b>				
12	2000+50	LT	WHITE STOP BAR EMERSON ROAD	
19	2000+41	LT	WHITE STOP BAR RIGHT TURN	
<b>31</b>	<b>TOTAL</b>			

78100100	RAISED REFLECTIVE PAVEMENT MARKER			
EACH	LOCATION	OFFSET	REMARKS	
<b>US 30</b>				
8	1099+89 - 1100+44	CL	TWO-WAY AMBER (20' O.C.)	
4	1099+88 - 1100+44	RT	ONE-WAY CRYSTAL MARKER (LEFT TURN LANE - 20' O.C.)	
6	1101+45 - 1102+16	CL	TWO-WAY AMBER (MEDIAN - 40' O.C.)	
<b>EMERSON ROAD</b>				
1	2000+19 - 2001+05	CL	TWO-WAY AMBER (20' O.C.)	
<b>18</b>	<b>TOTAL</b>			

78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL			
EACH	LOCATION	OFFSET	REMARKS	
<b>US 30</b>				
9	1100+91 - 1102+04	CL		
<b>9</b>	<b>TOTAL</b>			

78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING			
SQ FT	LOCATION	OFFSET	REMARKS	
<b>EMERSON ROAD</b>				
216	2000+12 - 2000+54	RT	ISLAND	
174	2000+12 - 2000+54	LT	ISLAND	
<b>US 30</b>				
37	1099+88 - 1100+44	CL	DOUBLE SOLID YELLOW LINE	
37	1099+88 - 1100+44	RT	WHITE TURN LANE	
39	1101+45 - 1102+04	CL	YELLOW PAINTED MEDIAN	
<b>504</b>	<b>TOTAL</b>			

X4402805	ISLAND REMOVAL			
SQ FT	LOCATION	OFFSET	REMARKS	
<b>EMERSON ROAD</b>				
283	2000+28 - 2000+49	53.84' LT		
<b>283</b>	<b>TOTAL</b>			

X6061055	CONCRETE ISLAND (SPECIAL)			
SQ FT	LOCATION	OFFSET	REMARKS	
<b>EMERSON ROAD</b>				
277	2000+34 - 200+71	21.35' LT		
<b>277</b>	<b>TOTAL</b>			

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PLOT DATE = 3/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	110N	WHITESIDE	27	9
				CONTRACT NO. 64P95
				ILLINOIS FED. AID PROJECT

# HMA SCHEDULE

<b>HMA SCHEDULE</b>														
LOCATION		Remarks	SURFACE				40600275	40600290	40600370	40604062	44000100	44000155	48203051	
			LENGTH	WIDTH		AREA	BITUMINOUS MATERIAL (PRIME COAT)	BITUMINOUS MATERIAL (TACK COAT)	LOGITUDINAL JOINT SEALANT	HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2"	PAVEMENT REMOVAL	HMA SURFACE REMOVAL, 1 1/2"	HMA SHOULDERS, 13 1/2"	
				SHOULDER (LT)	MAINLINE									WIDENING
STA TO STA	RT/LT		FOOT	FOOT	FOOT	FOOT	SQ FT	POUND	POUND	FOOT	TON	SQ YD	SQ YD	SQ YD
<b>MAINLINE (RURAL)</b>														
2000+19 - 2001+60	RT/LT		141	4	34.25 - 249.5	4 - 10.75	12,425	175	674	423	135	31	1,381	78
2001+60 - 2002+80	RT/LT		120	4	26 - 34.25	4	4,565	115	263	241	50	-	507	51
<b>TOTAL RURAL</b>								<b>290</b>	<b>937</b>	<b>664</b>	<b>186</b>	<b>32</b>	<b>1,888</b>	<b>129</b>

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 DATE: 3/18/2022

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>HMA SCHEDULE</b>			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	110N	WHITESIDE	27	11
CONTRACT NO. 64P95				
ILLINOIS FED. AID PROJECT				

# EARTHWORK SCHEDULE

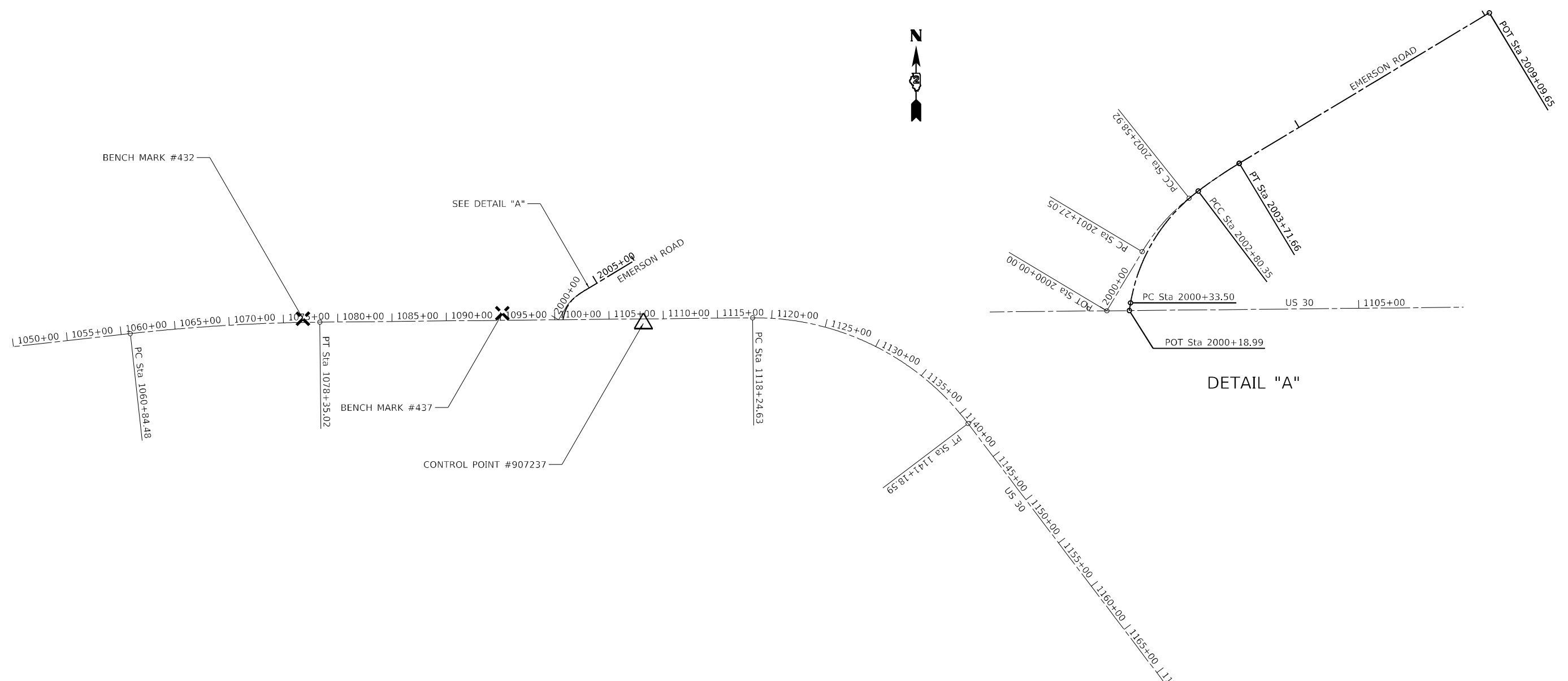
## EARTHWORK SCHEDULE

20200100

LOCATION	EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTMENT 25% SHRINKAGE	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
<b>RURAL</b>				
<b>MAINLINE (IL 78)</b>				
2000 + 19 - 2001 + 60	9.44	7.1	0.6	6.5
2001 + 60 - 2002 + 80	7.8	5.8	0.6	5.2
<b>TOTAL</b>	<b>20.0</b>	<b>10.0</b>	<b>0.0</b>	<b>10.0</b>

MODEL: Default  
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 PROJECT: I:\DOT\Documents\DOT Office\District 2\Projects\64P95\Program Development\Studies & Plans\Design\CADD\CAD\Drawings\64P95\ht-Schedule.dgn

USER NAME = dterod	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EARTHWORK SCHEDULE</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -					309	110N	WHITESIDE	27	10
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 64P95				
PLOT DATE = 3/18/2022	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.		



**HORIZONTAL CONTROL POINTS**

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
907237	1866546.7947	2394133.7824	653.8206	US30	1108+16.6793	41.8868' RT	GPS CONTROL POINT, PIN

**BENCH MARKS**

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
432	1866590.6585	2390996.2136	689.6129	US30	1076+80.0066	34.017' LT	VERTICAL CONTROL STATION, HEADWALL
437	1866640.0117	2392834.5407	681.5722	US30	1095+18.4339	64.307' LT	VERTICAL CONTROL STATION, POWER POLE

MODEL: Default  
 FILE: \\blmfc-pw-bentley.com\P\INDOT\Documents\DOT Office\District 2\Projects\64P95\Program\_Development\Studies & Plans\Drawn\CADD\CAD\Drawings\02\_64P95-shr-ATB.dgn

USER NAME = oterod	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1000.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>US ROUTE 30</b>	
<b>HORIZONTAL &amp; VERTICAL CONTROL</b>	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	110N	WHITESIDE	27	12
CONTRACT NO. 64P95				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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Chain EMMERSONRD contains:  
 1000 CUR 200 CUR 210 1001

Beginning chain EMMERSONRD description  
 =====

Point 1000 N 1,866,580.8780 E 2,393,352.6164 Sta 2000+00.0000

Course from 1000 to PC 200 30° 51' 37.9368" Dist 127.0473'

Curve Data  
 \*-----\*

Curve 200  
 P.I. Station 2001+93.7065 N 1,866,747.1592 E 2,393,451.9782  
 Delta = 20° 40' 39.1584" (RT)  
 Degree = 15° 40' 49.6286"  
 Tangent = 66.6592'  
 Length = 131.8683'  
 Radius = 365.3962'  
 External = 6.0306'  
 Long Chord = 131.1538'  
 Mid. Ord. = 5.9326'  
 P.C. Station 2001+27.0473 N 1,866,689.9377 E 2,393,417.7853  
 P.T. Station 2002+58.9156 N 1,866,788.6208 E 2,393,504.1738  
 C.C. N 1,866,502.5077 E 2,393,731.4482

Curve Data  
 \*-----\*

Curve 210  
 P.I. Station 2003+15.3666 N 1,866,823.7331 E 2,393,548.3762  
 Delta = 7° 24' 18.5724" (RT)  
 Degree = 6° 34' 05.0264"  
 Tangent = 56.4511'  
 Length = 112.7449'  
 Radius = 872.3391'  
 External = 1.8246'  
 Long Chord = 112.6665'  
 Mid. Ord. = 1.8208'  
 P.C. Station 2002+58.9156 N 1,866,788.6208 E 2,393,504.1738  
 P.T. Station 2003+71.6605 N 1,866,852.8555 E 2,393,596.7354  
 C.C. N 1,866,105.5604 E 2,394,046.7638

Course from PT 210 to 1001 58° 56' 35.6676" Dist 537.9852'

Point 1001 N 1,867,130.3950 E 2,394,057.6040 Sta 2009+09.6457

Ending chain EMMERSONRD description  
 =====

Chain PEMERSON contains:  
 70200 CUR 70300 CUR 70310 70201

Beginning chain PEMERSON description  
 =====

Point 70200 N 1,866,581.2912 E 2,393,393.9668 Sta 2000+18.9865

Course from 70200 to PC 70300 9° 25' 39.0078" Dist 14.5135'

Curve Data  
 \*-----\*

Curve 70300  
 P.I. Station 2001+63.2225 N 1,866,723.5790 E 2,393,417.5926  
 Delta = 43° 31' 06.3744" (RT)  
 Degree = 17° 37' 46.0942"  
 Tangent = 129.7225'  
 Length = 246.8505'  
 Radius = 325.0000'  
 External = 24.9327'  
 Long Chord = 240.9595'  
 Mid. Ord. = 23.1563'  
 P.C. Station 2000+33.5000 N 1,866,595.6086 E 2,393,396.3441  
 P.T. Station 2002+80.3505 N 1,866,801.7457 E 2,393,521.1199  
 C.C. N 1,866,542.3738 E 2,393,716.9546

Curve Data  
 \*-----\*

Curve 70310  
 P.I. Station 2003+26.0473 N 1,866,829.2811 E 2,393,557.5890  
 Delta = 5° 59' 50.2842" (RT)  
 Degree = 6° 34' 05.0264"  
 Tangent = 45.6968'  
 Length = 91.3100'  
 Radius = 872.3391'  
 External = 1.1961'  
 Long Chord = 91.2684'  
 Mid. Ord. = 1.1944'  
 P.C. Station 2002+80.3505 N 1,866,801.7457 E 2,393,521.1199  
 P.T. Station 2003+71.6605 N 1,866,852.8555 E 2,393,596.7354  
 C.C. N 1,866,105.5604 E 2,394,046.7638

Course from PT 70310 to 70201 58° 56' 35.6676" Dist 537.9852'

Point 70201 N 1,867,130.3950 E 2,394,057.6040 Sta 2009+09.6457

Ending chain PEMERSON description  
 =====

USER NAME = dterod	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1000.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 30  
 HORIZONTAL & VERTICAL CONTROL**

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

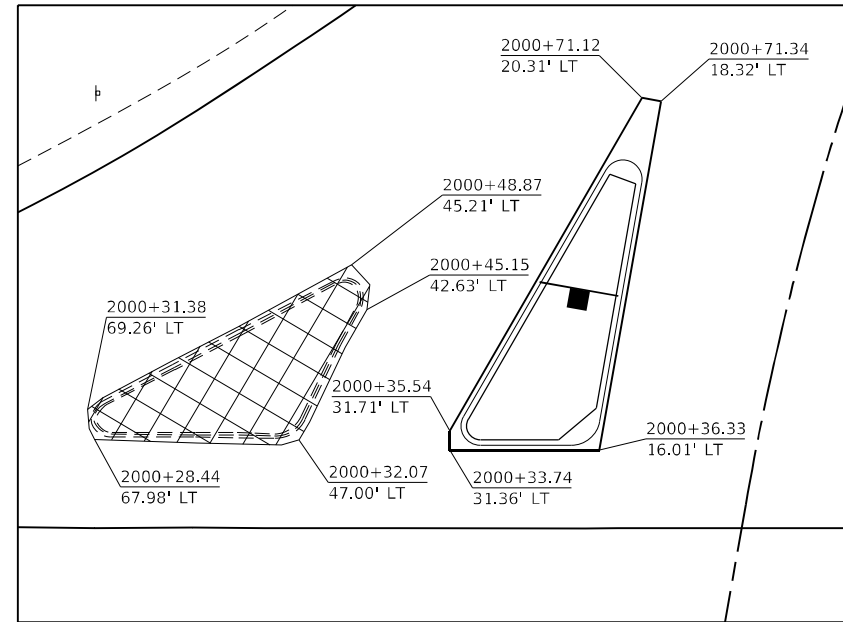
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	110N	WHITESIDE	27	13
CONTRACT NO. 64P95				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 200  
 PI STA. = 2001+93.71  
 $\Delta = 20^\circ 40' 39''$  (RT)  
 $D = 15^\circ 40' 50''$   
 $R = 365.40'$   
 $T = 66.66'$   
 $L = 131.87'$   
 $E = 6.03'$   
 $e = \text{---}$   
 T.R. =  $\text{---}$   
 S.E. RUN =  $\text{---}$   
 P.C. STA. = 2001+27.05  
 P.T. STA. = 2002+58.92

EXIST. CURVE 210  
 PI STA. = 2003+15.37  
 $\Delta = 7^\circ 24' 19''$  (RT)  
 $D = 6^\circ 34' 05''$   
 $R = 872.34'$   
 $T = 56.45'$   
 $L = 112.74'$   
 $E = 1.82'$   
 $e = \text{---}$   
 T.R. =  $\text{---}$   
 S.E. RUN =  $\text{---}$   
 P.C. STA. = 2002+58.92  
 P.T. STA. = 2003+71.66

PROP. CURVE 7300  
 PI STA. = 2001+63.22  
 $\Delta = 43^\circ 31' 06''$  (RT)  
 $D = 17^\circ 37' 46''$   
 $R = 325.00'$   
 $T = 129.72'$   
 $L = 246.85'$   
 $E = 24.93'$   
 $e = \text{---}$   
 T.R. =  $\text{---}$   
 S.E. RUN =  $\text{---}$   
 P.C. STA. = 2000+33.50  
 P.T. STA. = 2002+80.35

PROP. CURVE 7310  
 PI STA. = 2003+26.05  
 $\Delta = 5^\circ 59' 50''$  (RT)  
 $D = 6^\circ 34' 05''$   
 $R = 872.34'$   
 $T = 45.70'$   
 $L = 91.31'$   
 $E = 1.20'$   
 $e = \text{---}$   
 T.R. =  $\text{---}$   
 S.E. RUN =  $\text{---}$   
 P.C. STA. = 2002+80.35  
 P.T. STA. = 2003+71.66



**ISLAND DETAIL**

10-21-400-006  
 MEYERS, TREVOR A.  
 22594 LINCOLN ROAD  
 STERLING, IL 61081

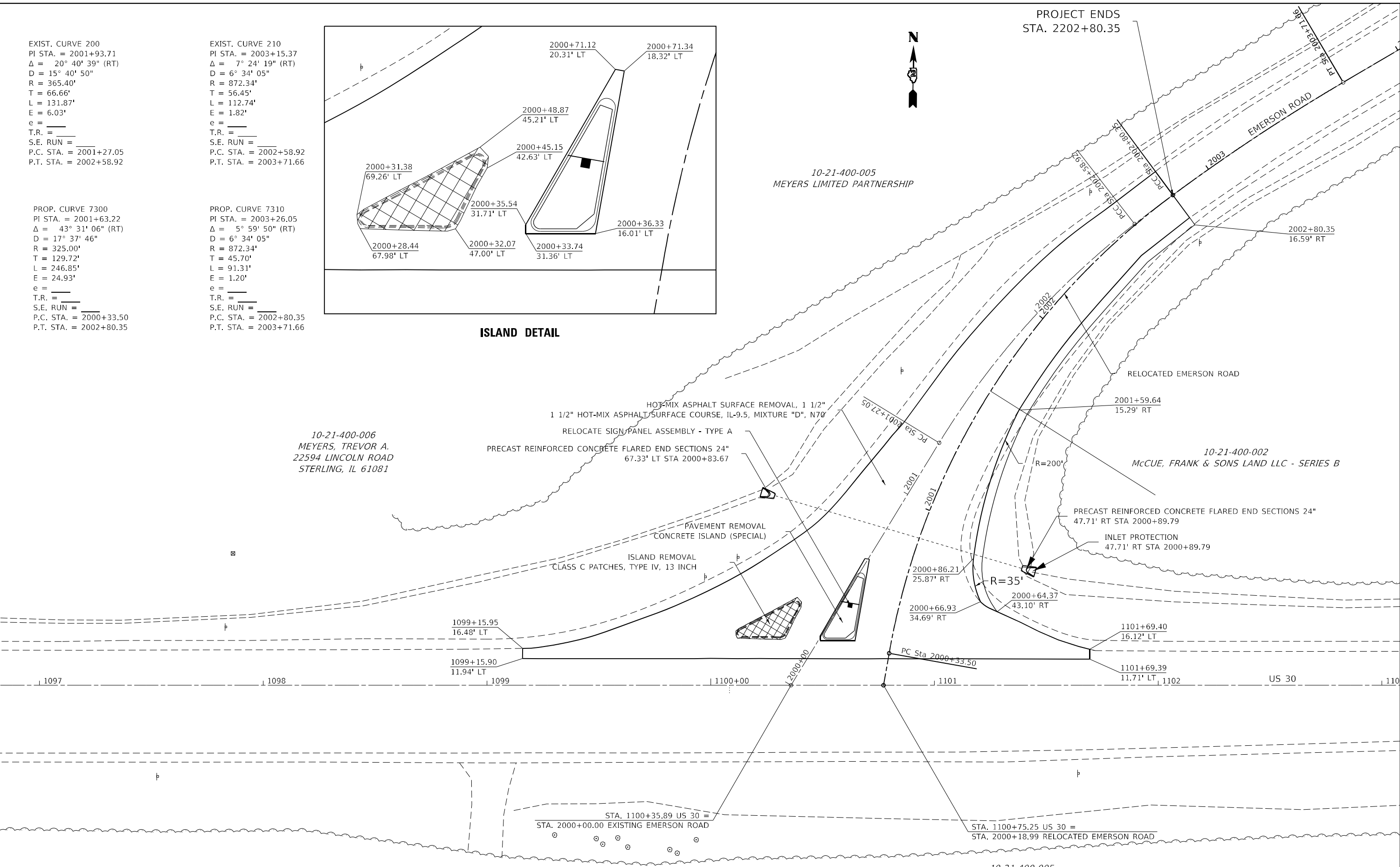
HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"  
 1 1/2" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIXTURE "D", N70  
 RELOCATE SIGN/PANEL ASSEMBLY - TYPE A  
 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"  
 67.33' LT STA 2000+83.67

PAVEMENT REMOVAL  
 CONCRETE ISLAND (SPECIAL)  
 ISLAND REMOVAL  
 CLASS C PATCHES, TYPE IV, 13 INCH

RELOCATED EMERSON ROAD

10-21-400-002  
 McCUE, FRANK & SONS LAND LLC - SERIES B

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"  
 47.71' RT STA 2000+89.79  
 INLET PROTECTION  
 47.71' RT STA 2000+89.79



\* PROPOSED CENTERLINE IS USED FOR STATIONING AND OFFSET

10-21-400-005  
 MEYERS LIMITED PARTNERSHIP

MODEL: Default  
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 PLOT DATE = 3/18/2022

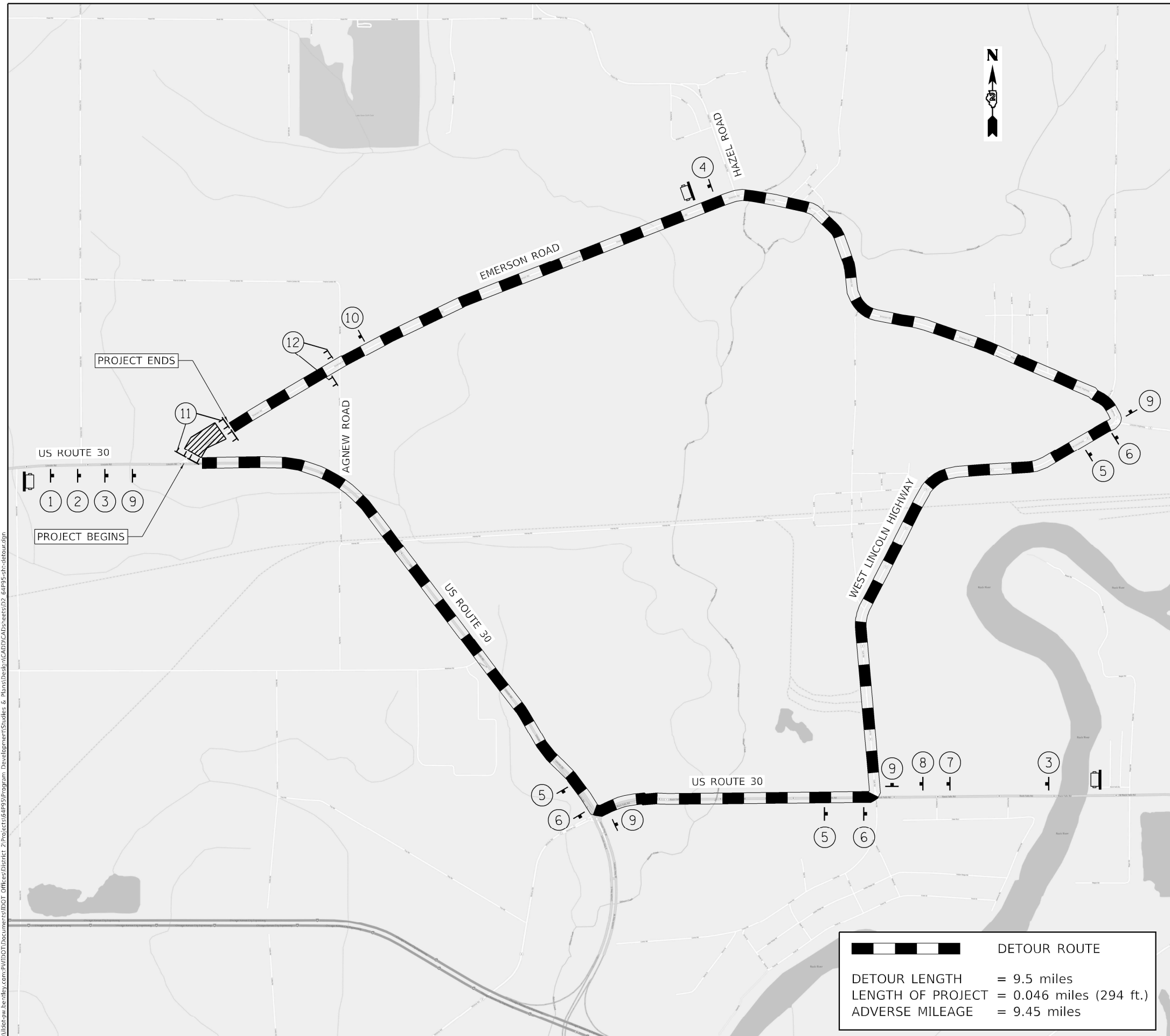
USER NAME = aterod	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
DATE -	DATE -	REVISED -


**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 30  
 PLAN SHEET**






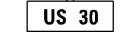
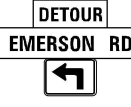
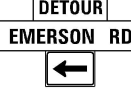
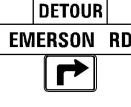
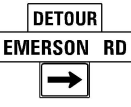
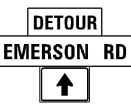



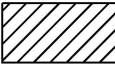



SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	110N	WHITESIDE	27	14
CONTRACT NO. 64P95				
ILLINOIS FED. AID PROJECT				



 DETOUR ROUTE  
 DETOUR LENGTH = 9.5 miles  
 LENGTH OF PROJECT = 0.046 miles (294 ft.)  
 ADVERSE MILEAGE = 9.45 miles

**LEGEND**

- ①  W20-1-4848
  - ②  W20-5-4848
  - ③  W20-2-4848  
 4812
  - ④  W20-3(0)-4848  
 4812
  - ⑤  M4-8-3015  
4812  
M5-1L-2115
  - ⑥  M4-8-3015  
4812  
M6-1L-2115
  - ⑦  M4-8-3015  
4812  
M5-1R-2115
  - ⑧  M4-8-3015  
4812  
M6-1R-2115
  - ⑨  M4-8-3015  
4812  
M6-3-2115
  - ⑩  M4-8A-2418
  - ⑪  R11-2-4830
  - ⑫  R11-4-6030
-  WORK ZONE  
 SIGN  
 CHANGEABLE MESSAGE SIGN  
 TYPE III BARRICADES WITH FLASHERS PLACED AS SHOWN IN STANDARD 701901.

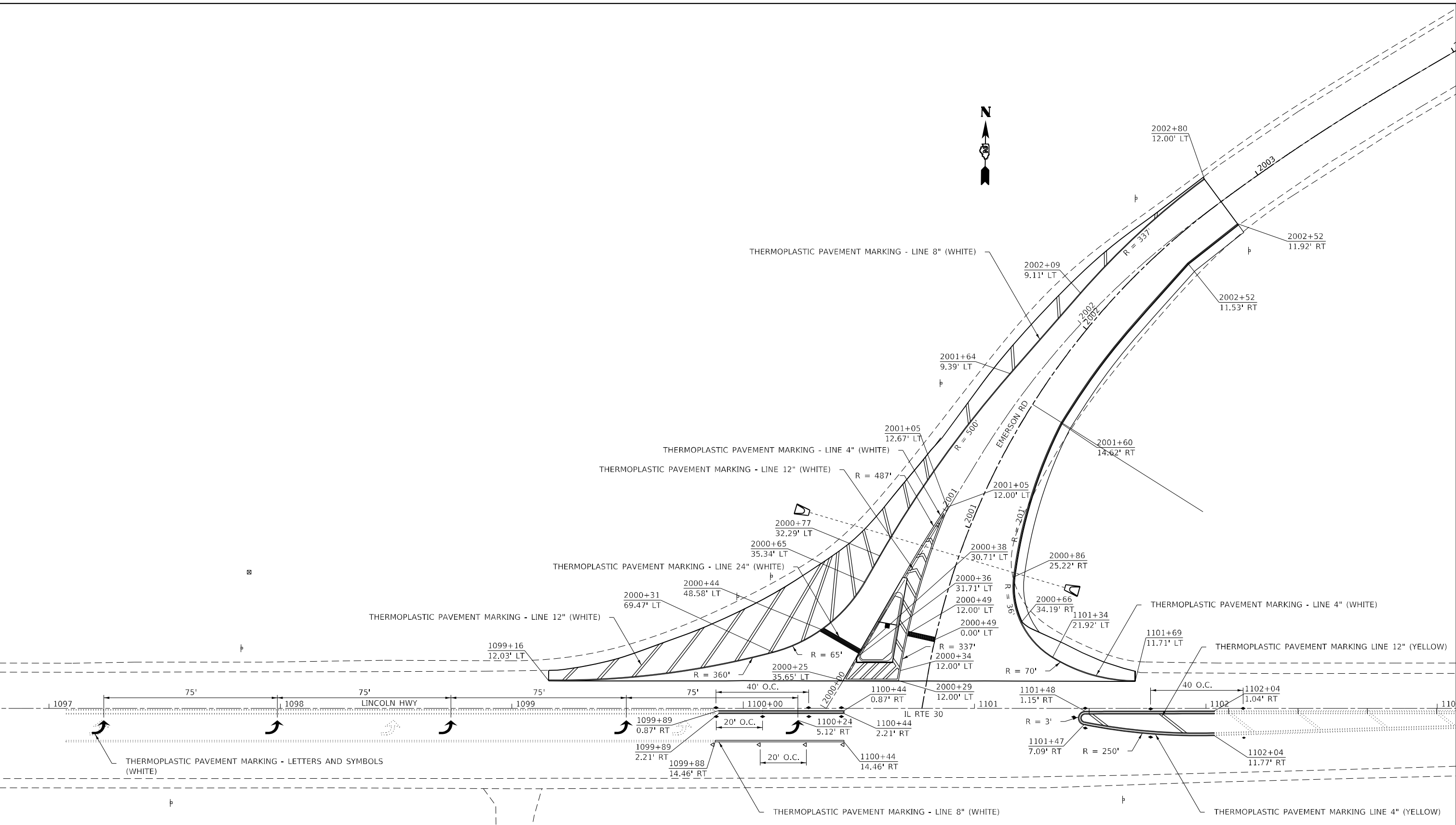
USER NAME = aterod	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>US ROUTE 30 DETOUR PLAN</b>			
SCALE:	SHEET 1	OF 1	SHEETS
STA.		TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	110N	WHITESIDE	27	15
CONTRACT NO. 64P95				
ILLINOIS FED. AID PROJECT				

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\* PROPOSED CENTERLINE IS USED FOR STATIONING AND OFFSET

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

USER NAME = aterod	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

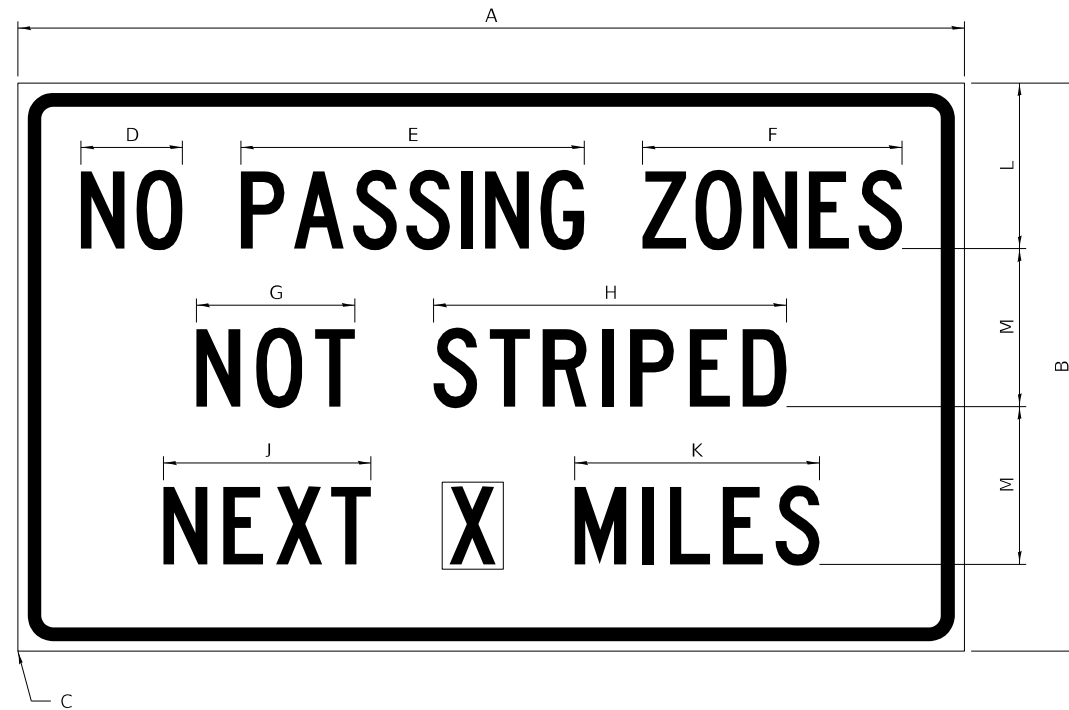
<b>US ROUTE 30 PAVEMENT MARKING</b>	
SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 309	SECTION 110N	COUNTY WHITESIDE	TOTAL SHEETS 27	SHEET NO. 16
CONTRACT NO. 64P95				
ILLINOIS FED. AID PROJECT				



# WORK ZONE SIGN DETAILS

**ILLINOIS STANDARD G20-I100**



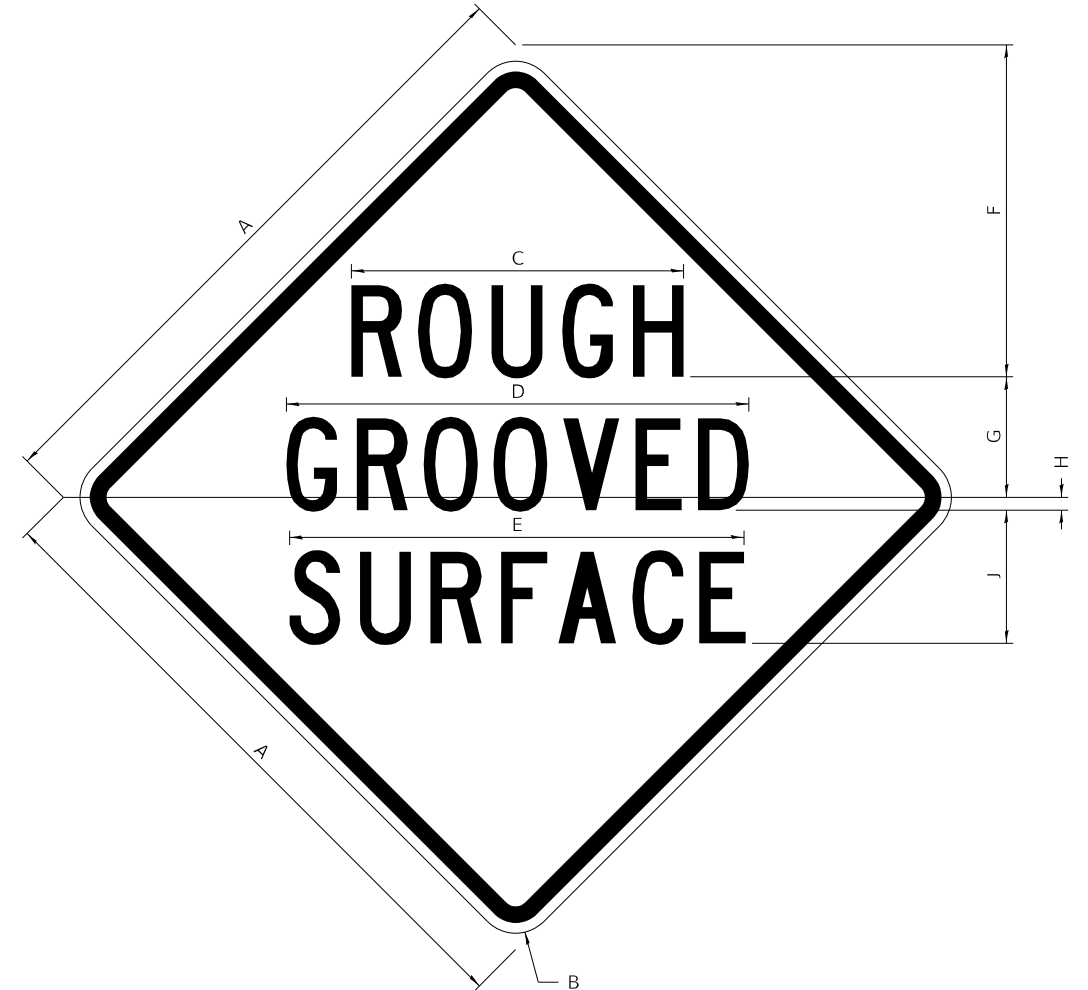
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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.

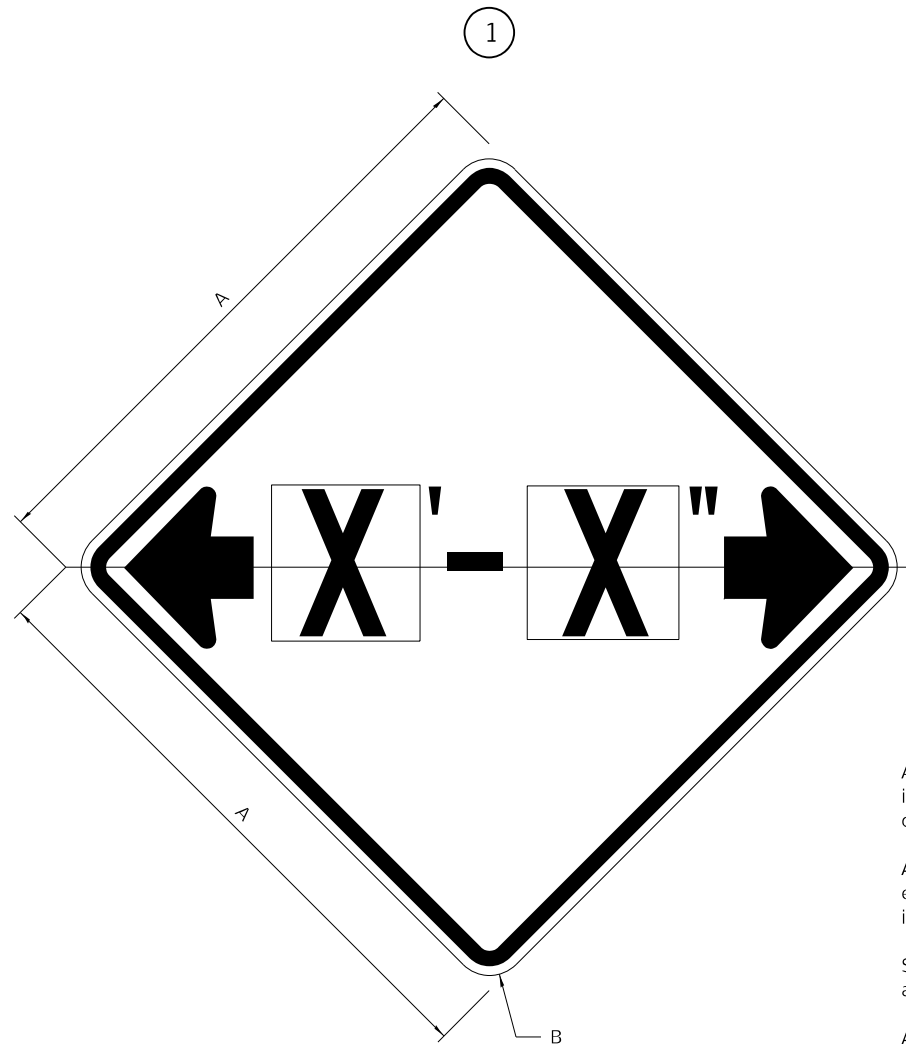
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

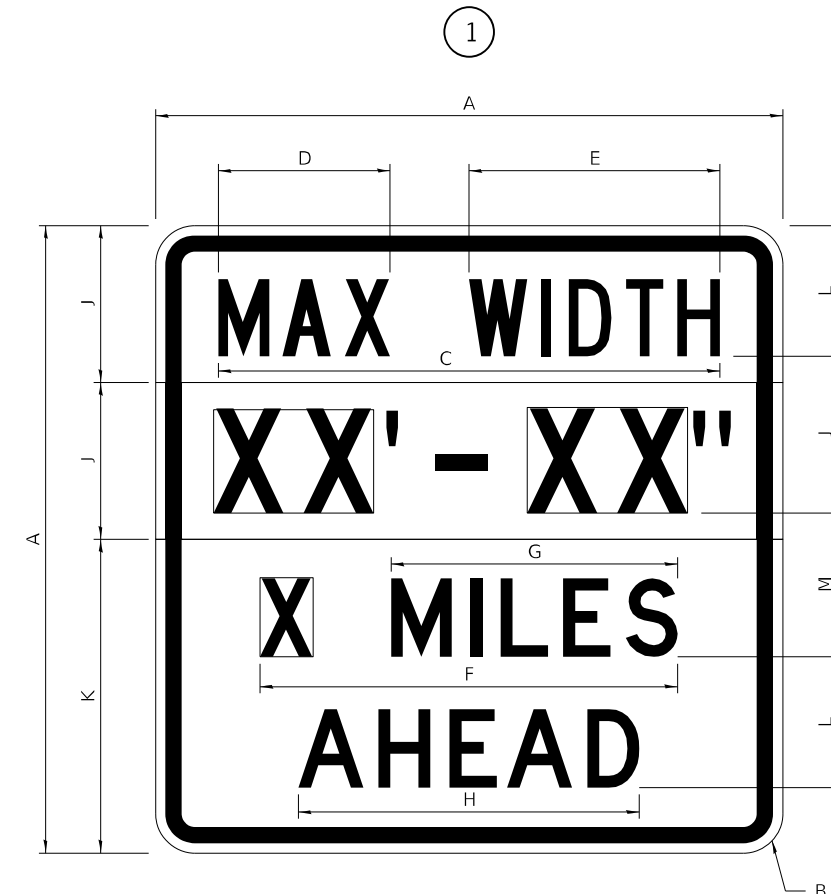
FILE NAME: p:\dot-pw\Bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64P95\Program Development\Studies & Plans\Design\CADD\CADsheets\sheet-details.dgn	USER NAME = dterod	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.P. RTE. 309	SECTION 110N	COUNTY WHITESIDE	TOTAL SHEETS 27	SHEET NO. 17
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -	ILLINOIS FED. AID PROJECT					CONTRACT NO. 64P95				
PLOT DATE = 3/18/2022	DATE -	REVISED -	SCALE:					SHEET 2 OF 9 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 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

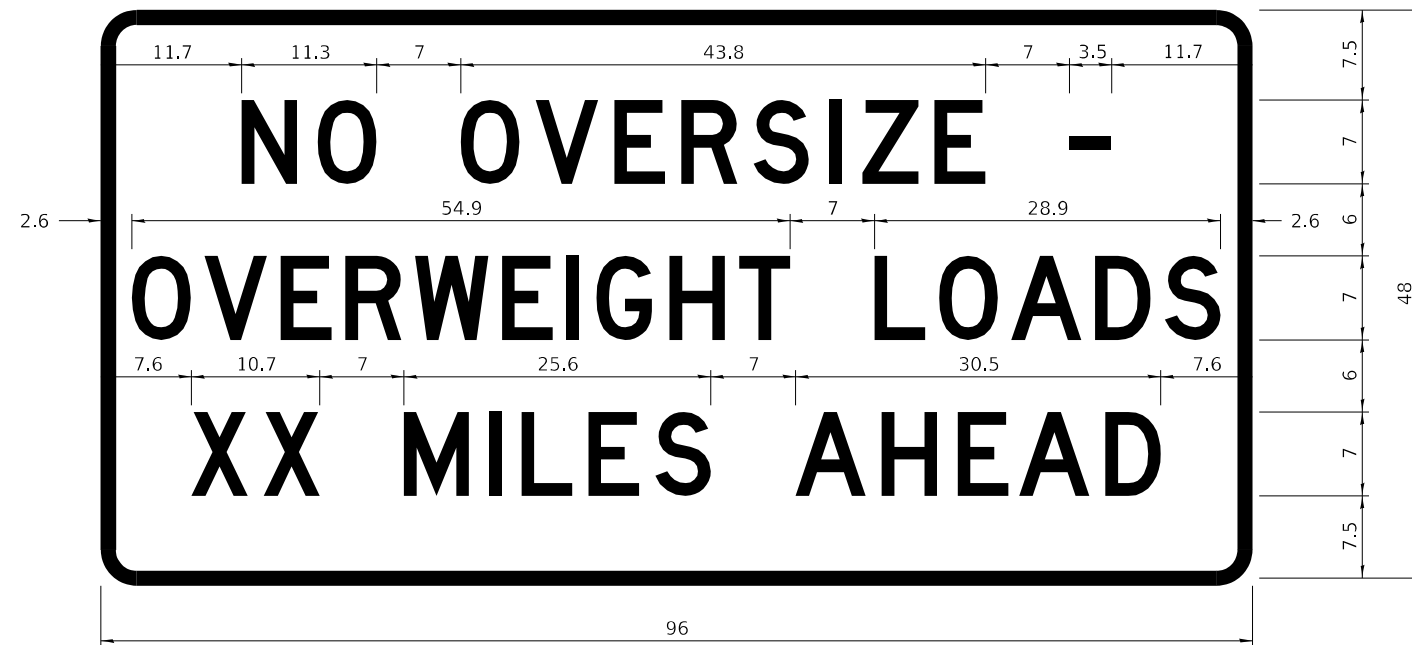
XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME: pwc:\dot-pw\Bentley.com\PWIDOT\Documents\UDOT Offices\District 2\Projects\64P95\Program Development\Studies & Plans\Design\CADD\CADsheets\Sheet-details.dgn	USER NAME = dterod	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.P. RTE. 309	SECTION 110N	COUNTY WHITESIDE	TOTAL SHEETS 27	SHEET NO. 18
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 64P95									
PLOT DATE = 3/18/2022	DATE -	REVISED -	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

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

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: p:\dot-pw\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64P95\Program Design\Studies & Plans\Design\CADD\CADsheets\REVISED-sheet-details.dgn	USER NAME = oterod	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -	309					110N	WHITESIDE	27	19	
PLOT DATE = 3/18/2022	DATE -	REVISED -	CONTRACT NO. 64P95									

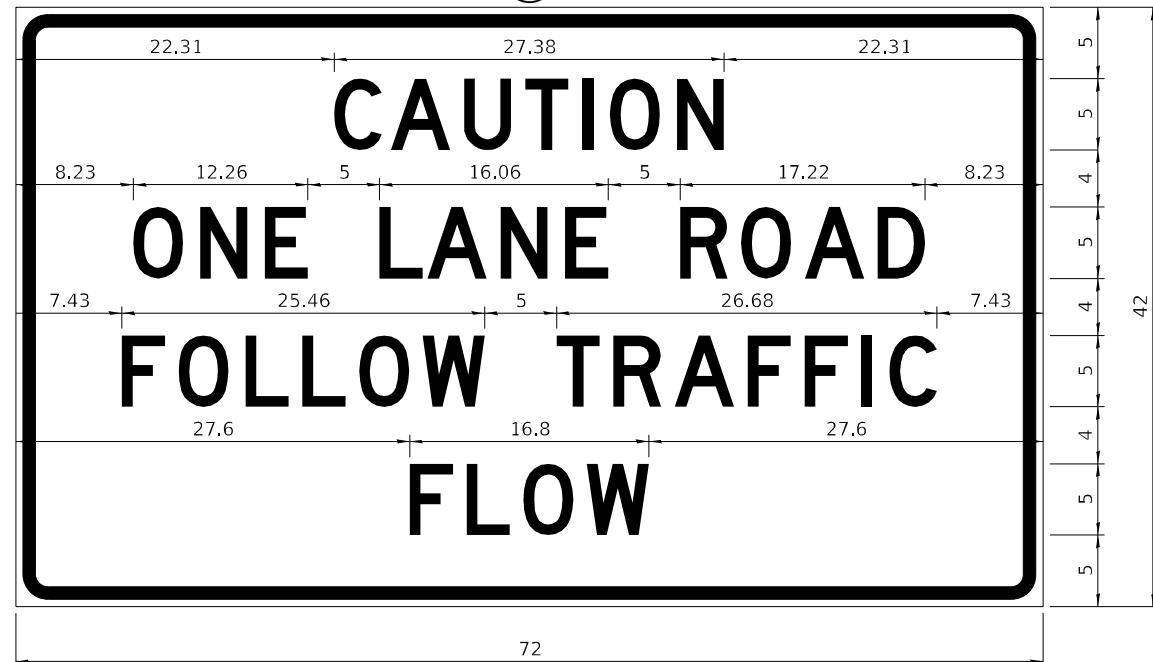
SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

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

8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
------	---	------	------	---	------	------	---	------

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

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

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

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

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

Sign not to scale

**GENERAL NOTES**

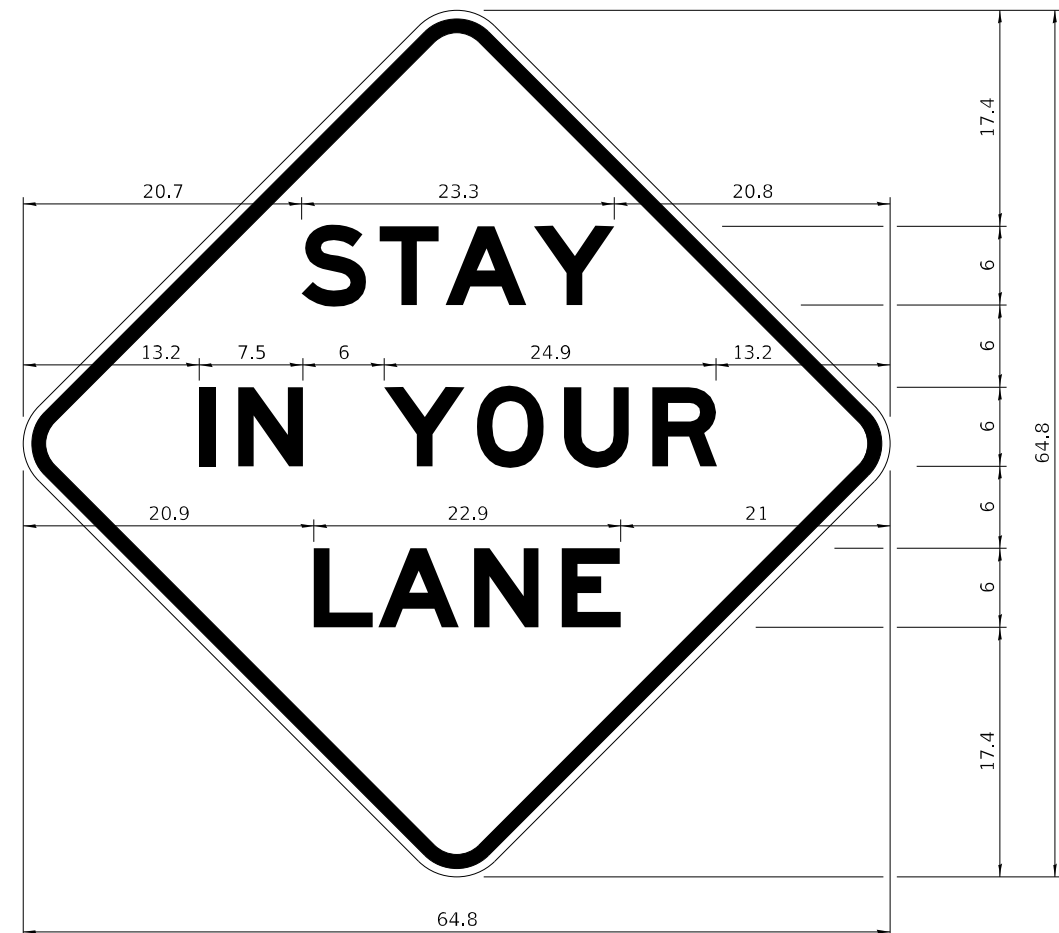
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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.

**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

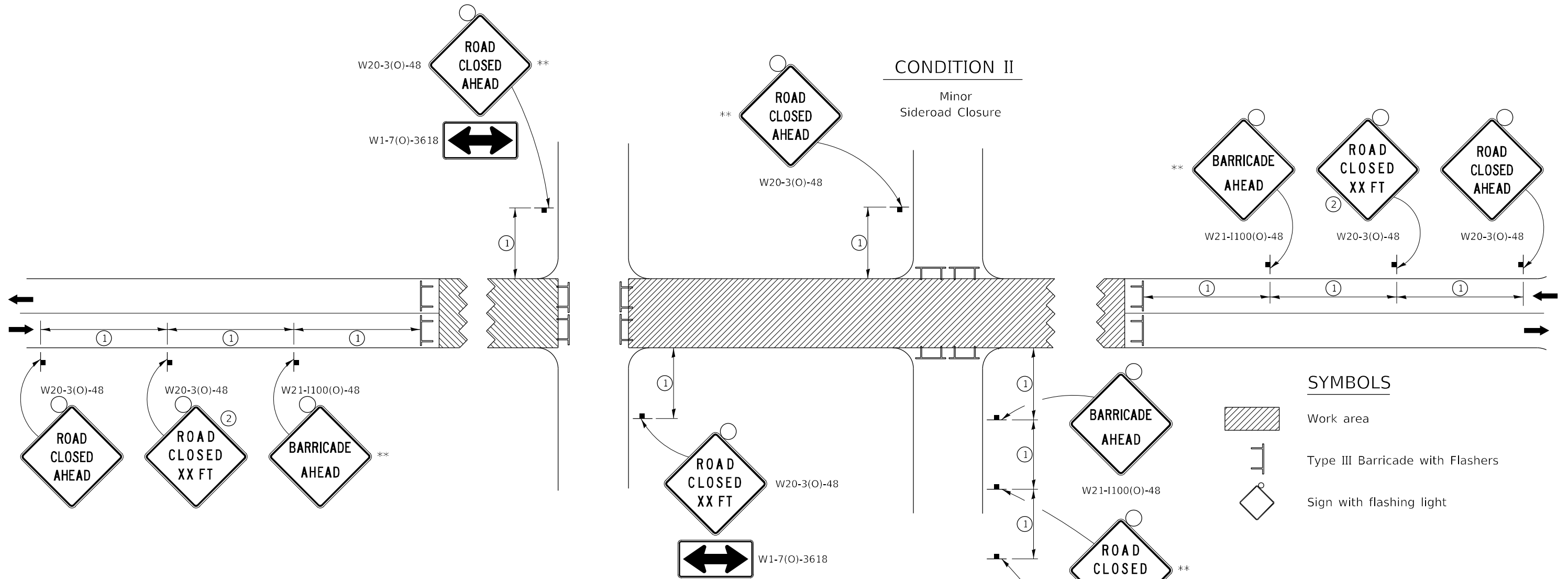
I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4




Sign not to scale

FILE NAME: p:\dot\pw\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64P95\Program\Drawings\Studies & Plans\Design\CADD\CADsheets\Sheet-details.dgn	USER NAME = oterod	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE. 309	SECTION 110N	COUNTY WHITESIDE	TOTAL SHEETS 27	SHEET NO. 20	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -	SCALE:			SHEET 5 OF 9 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 64P95	
PLOT DATE = 3/18/2022	DATE -	REVISED -									

# TRAFFIC CONTROL FOR ROAD CLOSURE



## SYMBOLS

-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

## GENERAL NOTES

- Longitudinal dimensions may be adjusted to fit field conditions.
- Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.
- \*\* Where local access is to be maintained, barricades are to be set up as shown in "Road Closed To Thru Traffic". Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.
- All dimensions are in inches unless otherwise shown.

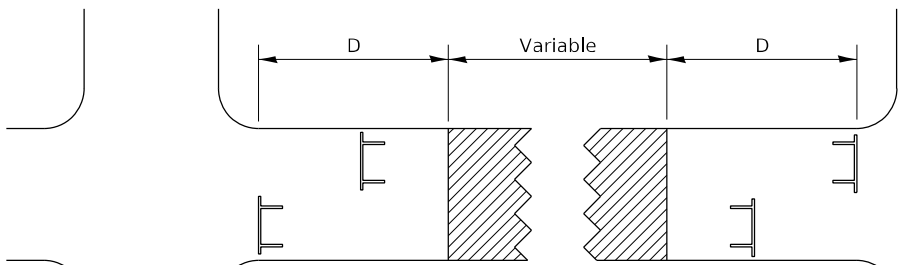
①

SIGN SPACING TABLE	
Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

②

SIGN LEGEND	
Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

## ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP

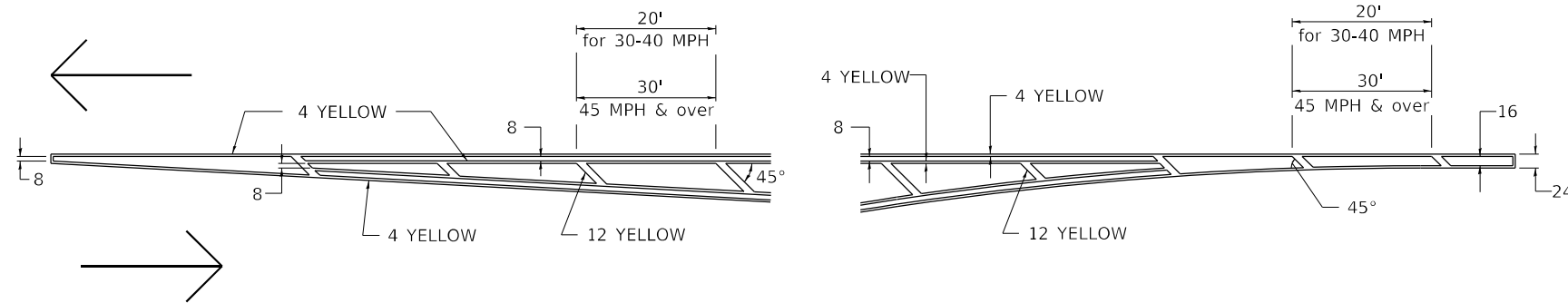


Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

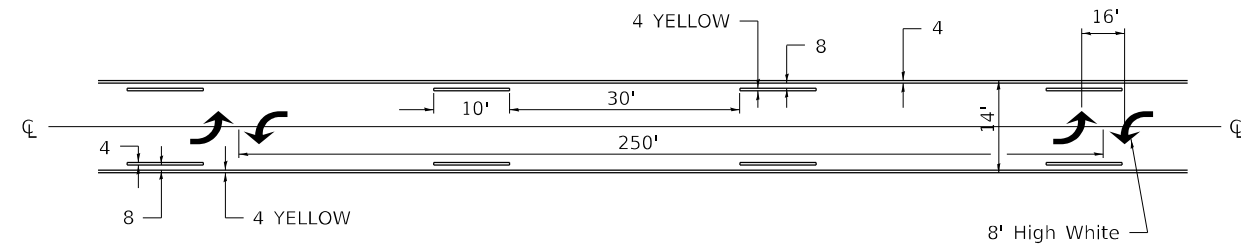
TYPICAL APPLICATION FOR ROAD CLOSURE

# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

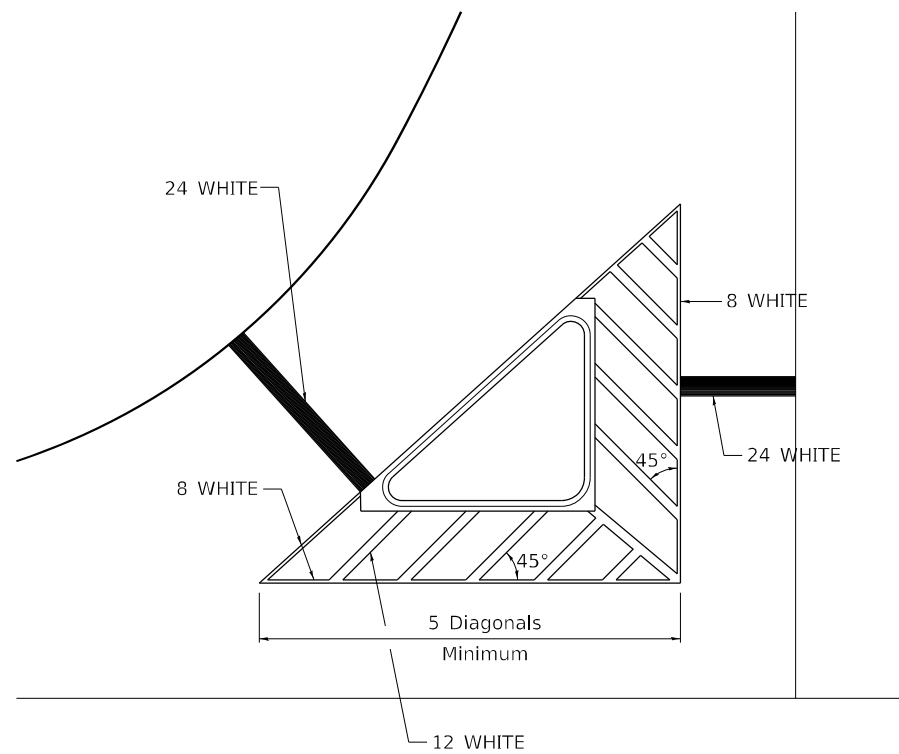


## MEDIAN PAVEMENT MARKING



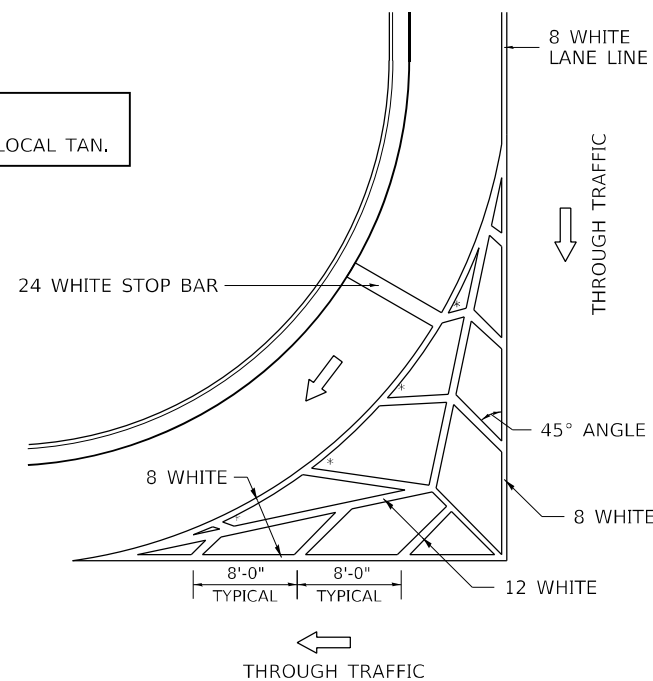
\*\* ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH



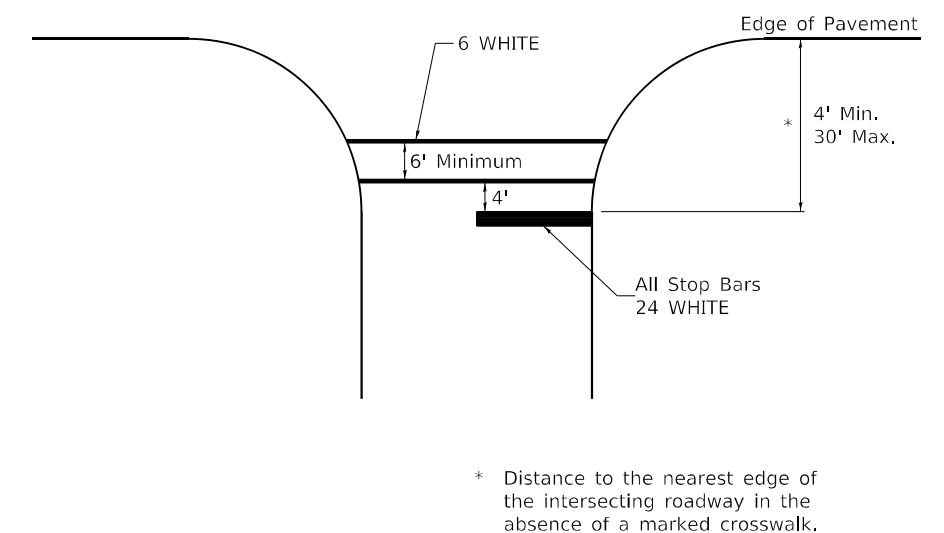
## TYPICAL MARKING FOR PAINTED ISLANDS

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 = oterod	DESIGNED -	REVISED - 6-27-14
FILE NAME: p:\dot\pw\Bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64P95\Program Design\Studies & Plans\Design\CADD\CADsheets\Sheet-Details\3905-12	CHECKED -	REVISED -
PLOT SCALE = 100,0000' / in.	DATE -	REVISED -
PLOT DATE = 3/18/2022		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

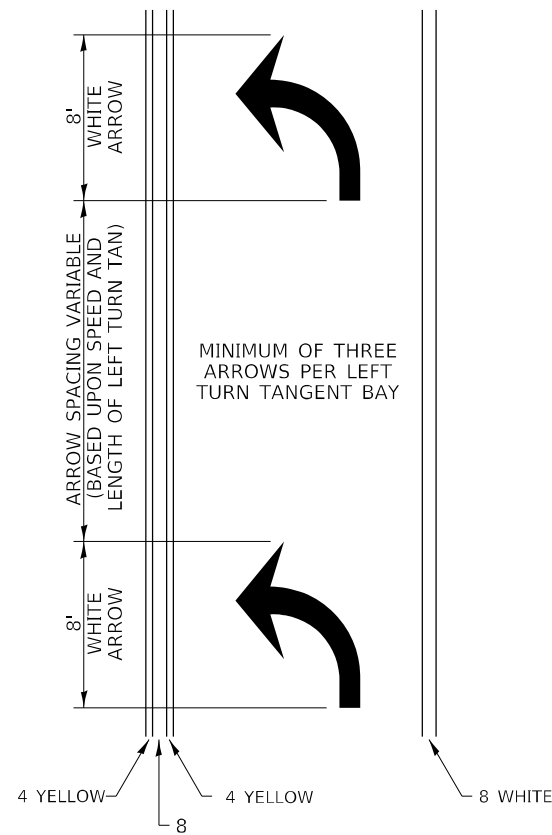
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE. 309	SECTION 110N	COUNTY WHITESIDE	TOTAL SHEETS 27	SHEET NO. 22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64P95	

# TYPICAL PAVEMENT MARKINGS

## ARROW LAYOUT

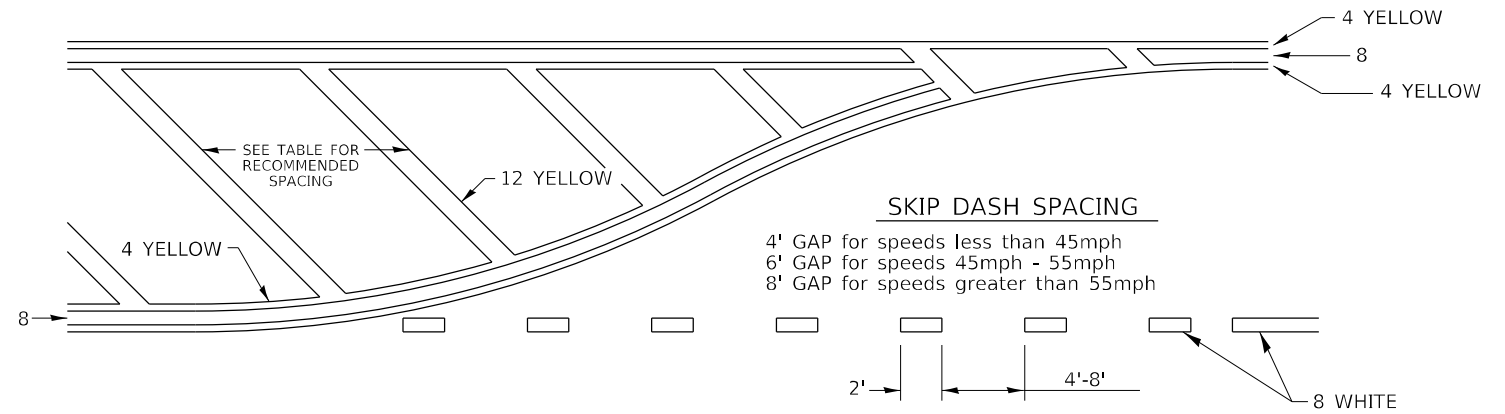


- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

6 at 40' O.C. APPROACH SIDE ONLY

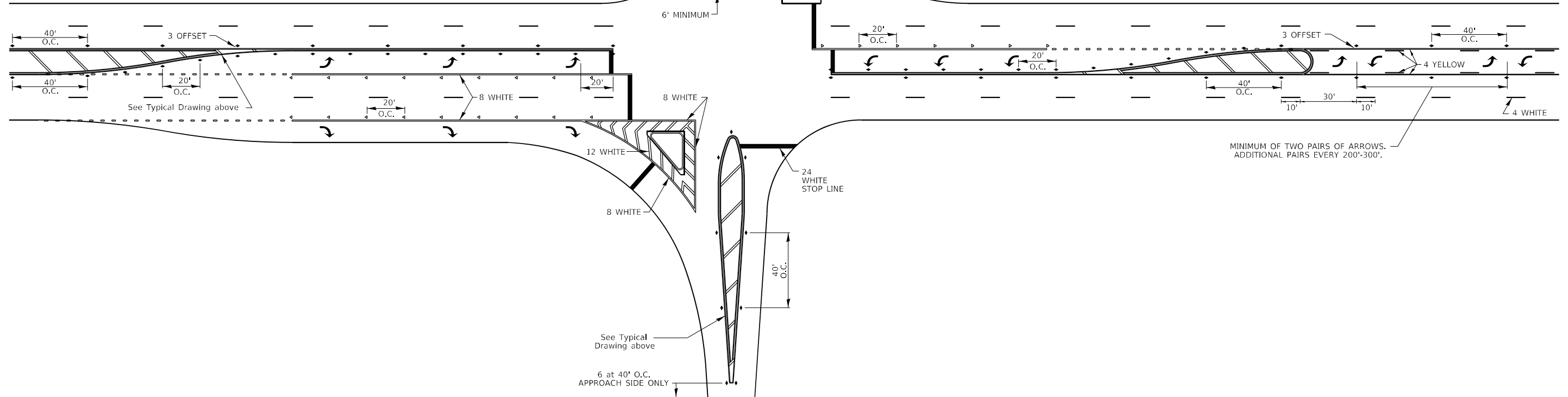
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



### RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

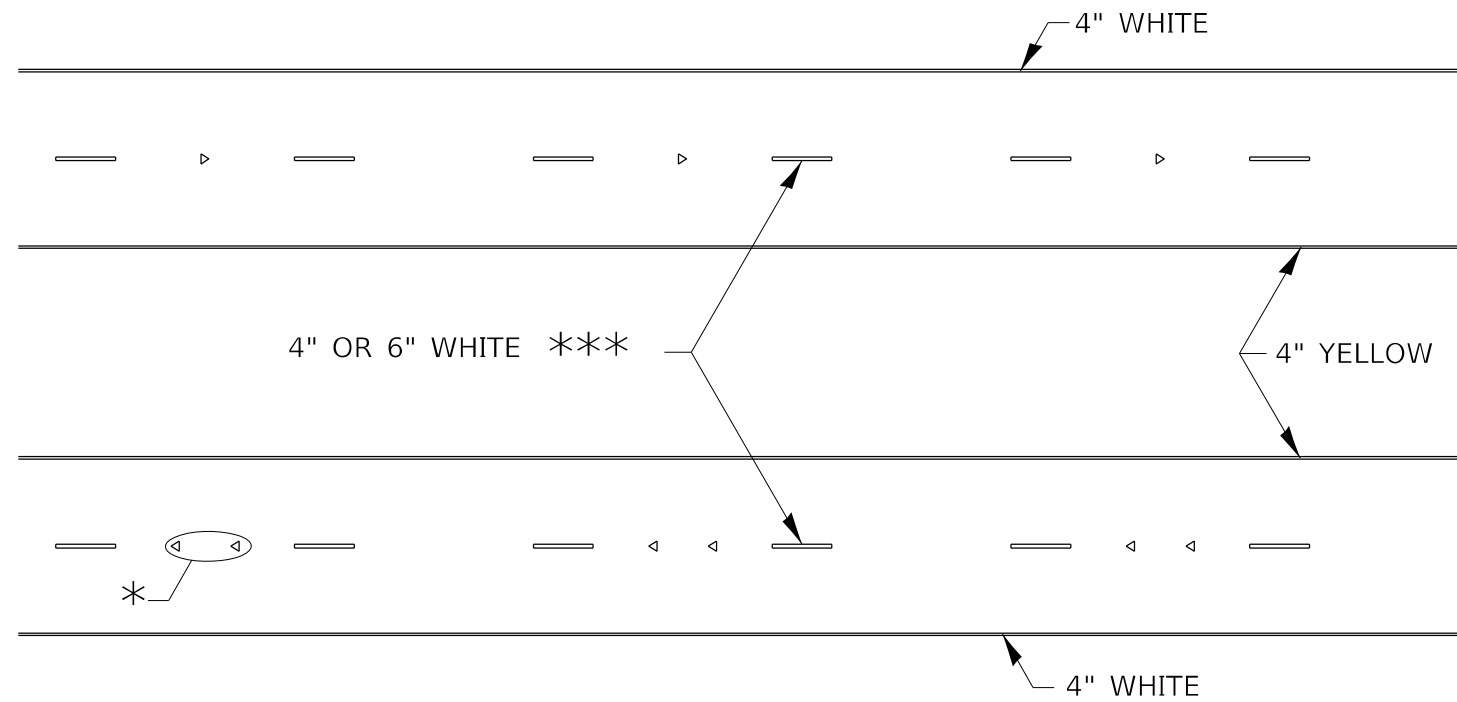
Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

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.



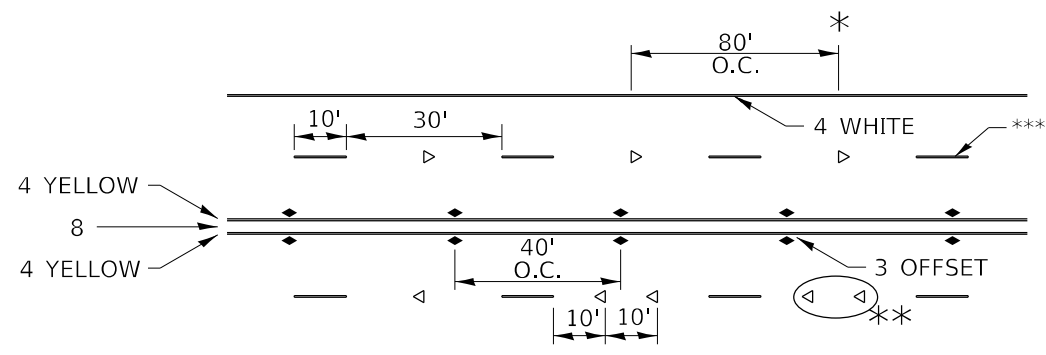
FILE NAME: p:\dot\pw\benley.com\PWIDOT\Documents\UDOT Offices\District 2\Projects\64P95\Program\Drawings\Studies & Plans\Design\CADD\CADsheets\Sheet-Details\3905-12	USER NAME = oterod	DESIGNED -	REVISED - 6-27-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.P. RTE. 309	SECTION 110N	COUNTY WHITESIDE	TOTAL SHEETS 27	SHEET NO. 23
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 8 OF 9 SHEETS	STA. TO STA.	CONTRACT NO. 64P95				
	PLOT DATE = 3/18/2022	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
<b>TYPICAL PAVEMENT MARKINGS SHEET 2 OF 3 41.1</b>												

# 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.

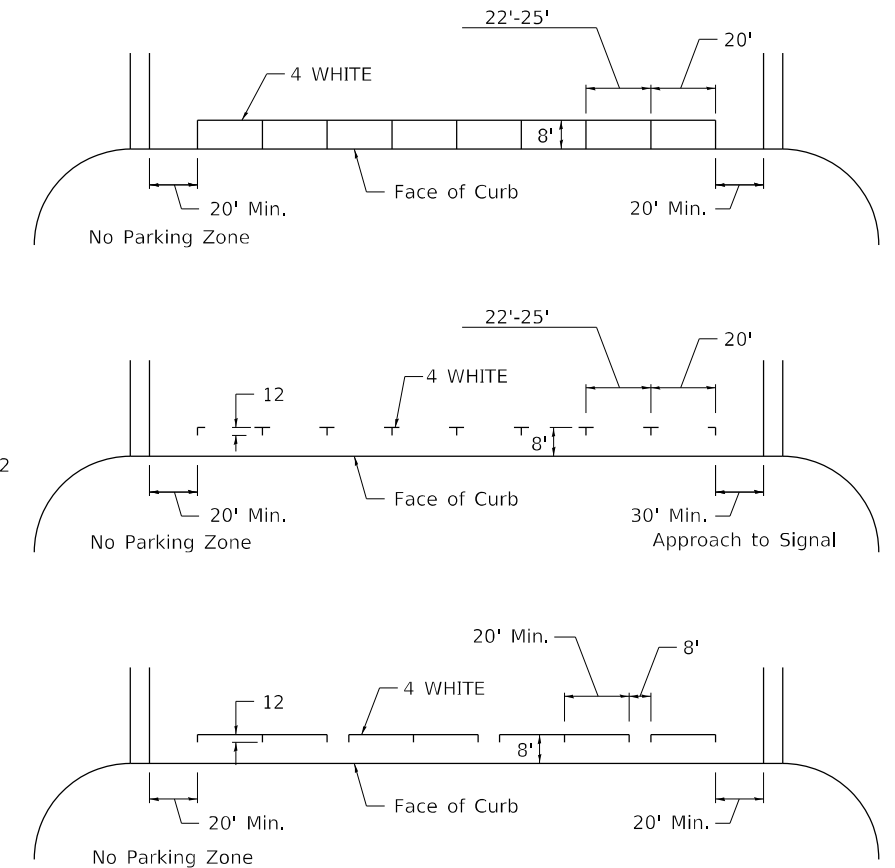
\*\* USE DOUBLE MARKERS WHEN ADT  $\geq$  20,000

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

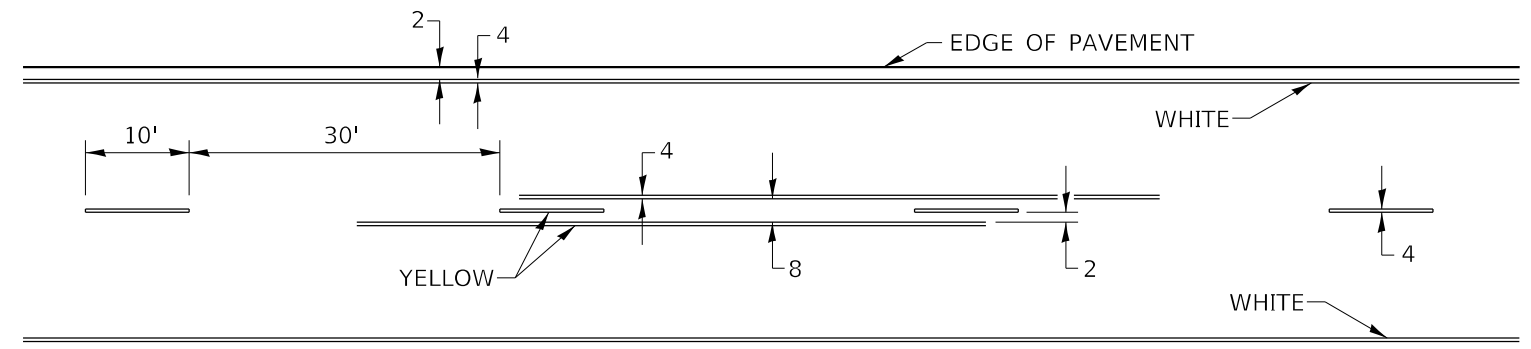
## MULTI-LANE / UNDIVIDED & ONE WAY

(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

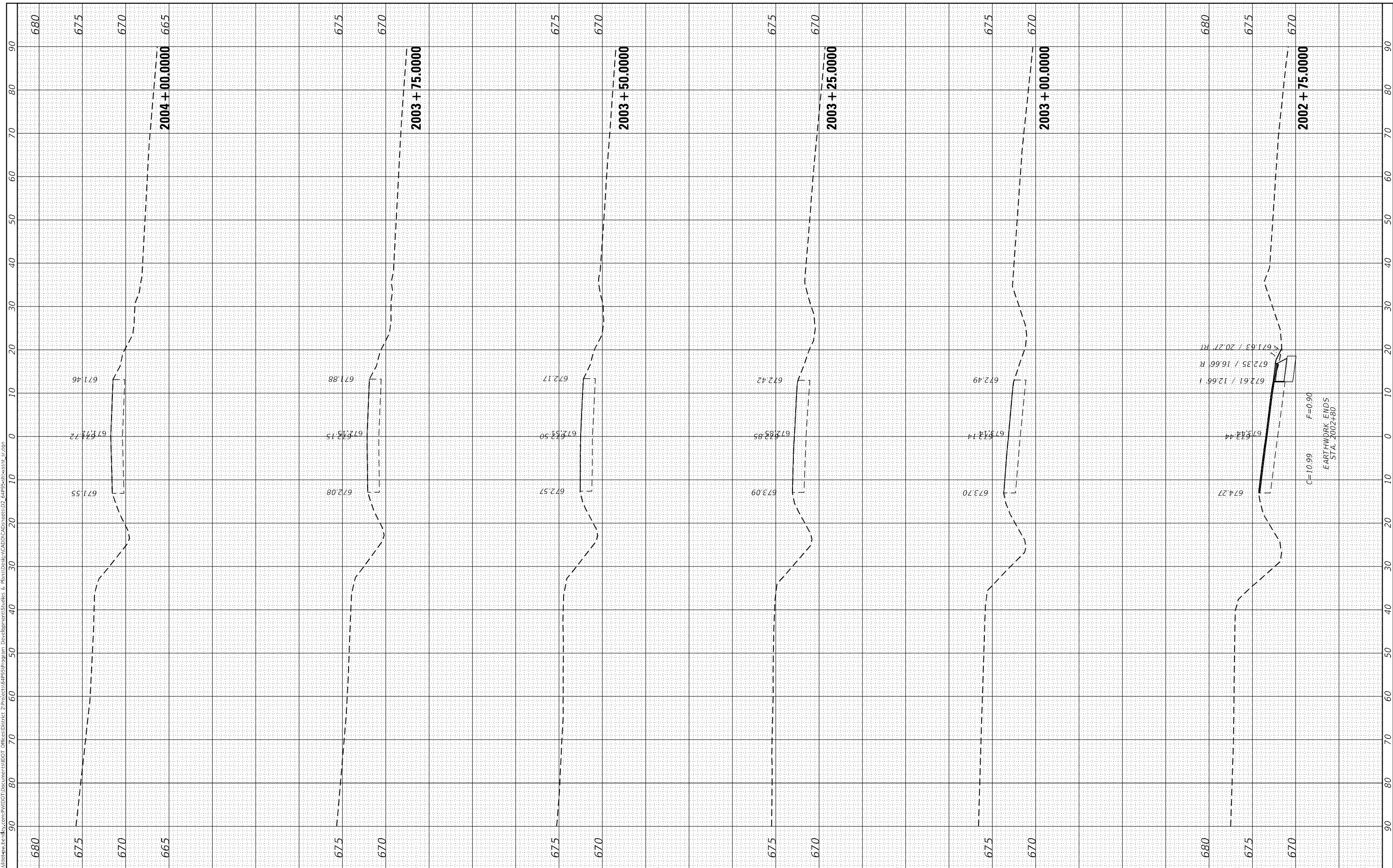
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	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 11-28-12		SCALE:	SHEET 9 OF 9 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 64P95			
PLOT DATE = 3/18/2022	DATE -	REVISED -		<b>TYPICAL PAVEMENT MARKINGS SHEET 3 OF 3 41.1</b>							



FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL Default  
 FILE NAME: \\pww\user\pww\benly.com\PIV\DOT\Documents\DOT Office\Director 2\Projects\64P95\Program Development\Studs & Plans\Design\CAD\CAD Sheets\02\_64P95-Subsect\_3.dwg



671.63 / 20.27' RT  
 672.35 / 16.66' R  
 672.61 / 12.66' L  
 673.44  
 674.27  
 C=10.99 F=0.90  
 EARTHWORK ENDS  
 STA. 2002+80

USER NAME = aterad
PLOT SCALE = 20.0000" / in.
PLOT DATE = 3/18/2022

DESIGNED -
DRAWN -
CHECKED -
DATE -

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REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EMERSON ROAD  
 CROSS SECTIONS**

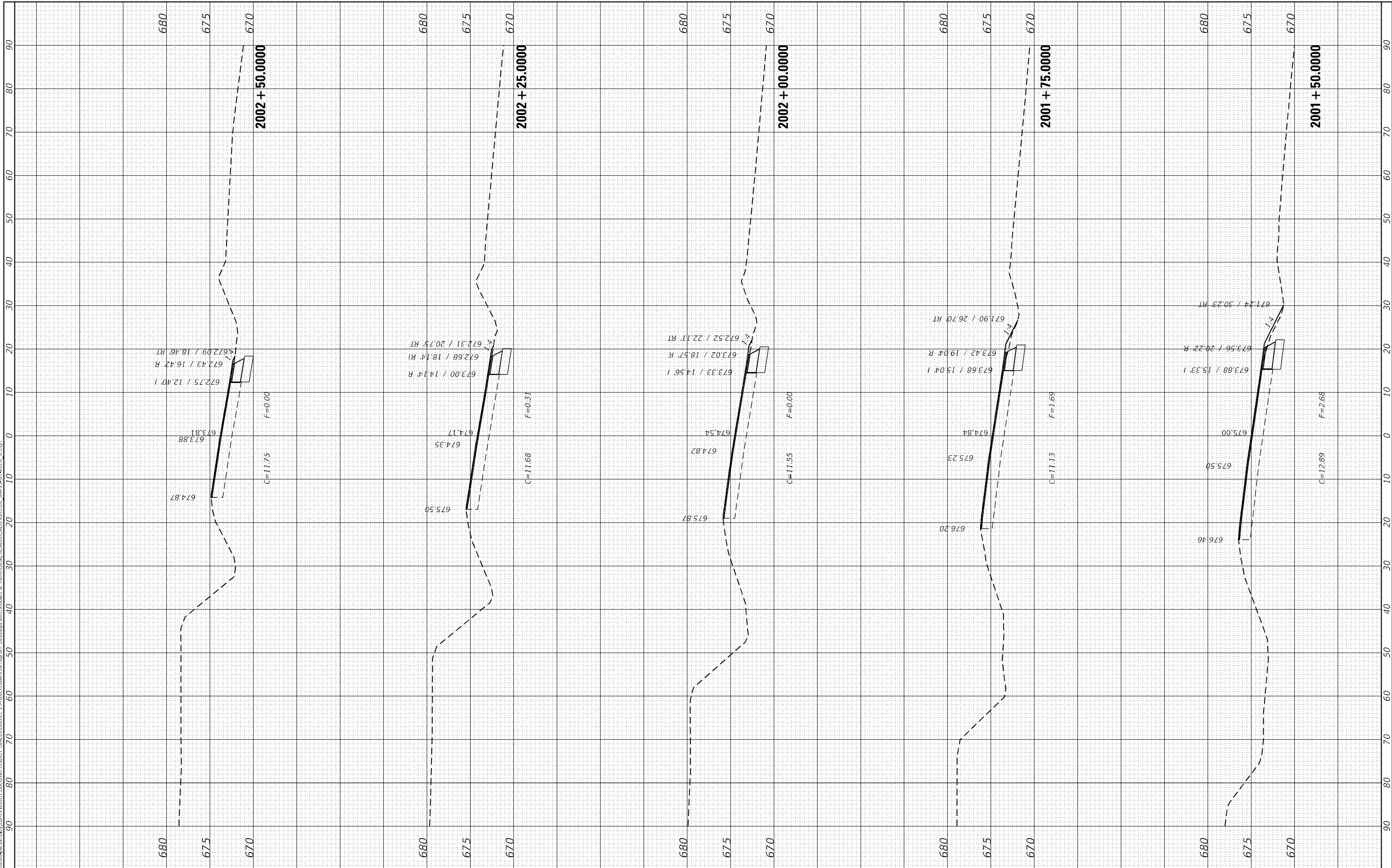
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F.A.P. RTE. 309	SECTION 110N	COUNTY WHITESIDE	TOTAL SHEETS 27	SHEET NO. 27
CONTRACT NO. 64P95			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
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	TEMPLATE		
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PLOT DATE = 3/18/2022

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMERSON ROAD  
CROSS SECTIONS**

SCALE: SHEET 2 OF 3 SHEETS STA. 2001+50.0000 TO STA. 2002+50.0000

F.A.P. RTE. 309	SECTION 110N	COUNTY WHITESIDE	TOTAL SHEETS 27	SHEET NO. 26
CONTRACT NO. 64P95			ILLINOIS FED. AID PROJECT	

