

04-24-2020 LETTING ITEM 028

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(177-3,4,4-1)RS	STEPHENSON	22	1
		ILLINOIS	CONTRACT NO. 64N59	

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

PROPOSED HIGHWAY PLANS

FAP ROUTE 301 (US 20)
SECTION 177-(3,4,4-1)-1RS
PROJECT NHPP-L3KU(512)
COLD MILLING, PATCHING, & RESURFACING
STEPHENSON COUNTY

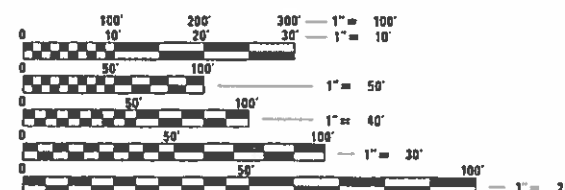


PAVING GAP
STA. 838+13 WB TO
STA. 841+80 WB

PROJECT BEGINS
STA. 810+98 WB

HARLEM TOWNSHIP SECTION (24)
LANCASTER TOWNSHIP SECTIONS (19,20,21,27,28)
SILVER TOWNSHIP SECTIONS (2,34)

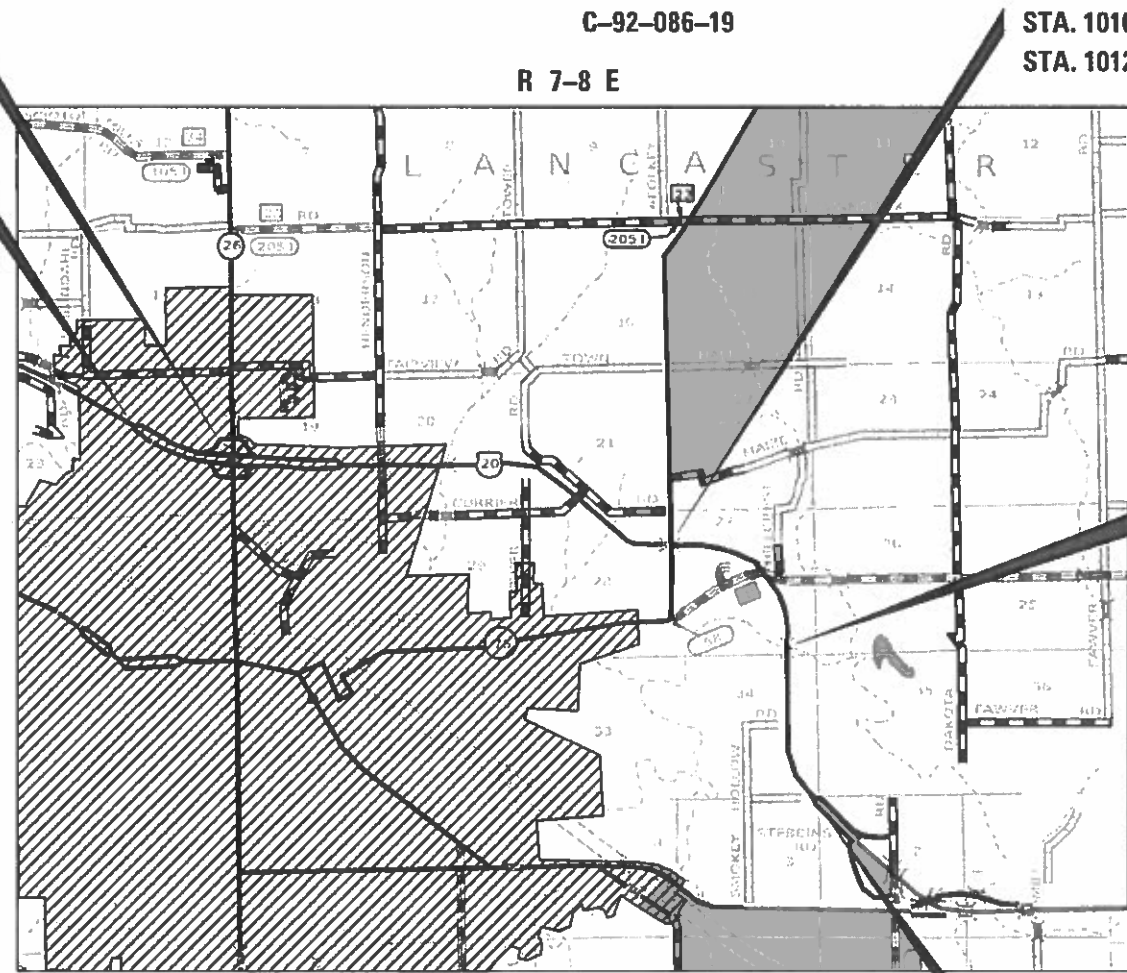
HARLEM TOWNSHIP SECTION: 24
LANCASTER TOWNSHIP SECTIONS: 19, 20, 21, 27, & 28
SILVER TOWNSHIP SECTIONS: 2 & 34



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
EMAIL: Corey.Conderman@illinois.gov
CONTRACT NO. 64N59



PAVING GAP
STA. 1010+52 WB TO
STA. 1012+90 WB



PAVING GAP
STA. 1072+82 WB TO
STA. 1083+13 WB

GROSS LENGTH = 33944 FT. = 6.43 MILE
NET LENGTH = 32308 FT. = 6.12 MILE

PROJECT ENDS
STA. 1150+42 WB

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 31st 2020

[Signature]
REGIONAL ENGINEER

March 20, 2020
ENGINEER OF DESIGN AND ENVIRONMENT

[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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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

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USER NAME = hogensonjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & HIGHWAY STANDARDS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -				301	177-(3,4,4-1)-1R5	STEPHENSON	22	2
PLOT DATE = 2/4/2020	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 64N59				
	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN ROADWAY	RURAL ROADWAY
				80% FED 20% STATE NHPP 0005	80% FED 20% STATE NHPP 0005
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	40	40	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	45,655	15,576	30,079
40600901	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	TON	130	39	91
40600990	TEMPORARY RAMP	SQ YD	198	81	117
40604062	HOT- MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	12,748	4,349	8,399
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	34	12	22
42000060	WELDED WIRE REINFORCEMENT	SQ YD	62	40	22
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	57	57	
44000100	PAVEMENT REMOVAL	SQ YD	57	57	
44000157	HOT- MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	101,164	34,513	66,651
44200986	CLASS B PATCHES, TYPE III, 11 INCH	SQ YD	22		22
44201299	DOWEL BARS 1 1/2"	EACH	10		10
44213200	SAW CUTS	FOOT	201	117	84

* SPECIALTY ITEM

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USER NAME = hogensonjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 20 SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	301	177-(3,4,4-1)-1R5	STEPHENSON	22	3
PLOT DATE = 2/5/2020	DATE -	REVISED -		CONTRACT NO. 64N59										
											ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN ROADWAY	RURAL ROADWAY
				80% FED 20% STATE NHPP 0005	80% FED 20% STATE NHPP 0005
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	550	187 363
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	548	185 363
	X0322288	MEDIAN CLOSURE	EACH	2	1 1
*	X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	145	46 99
*	X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	74,947	26,267 48,680
*	X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	8,820	2,720 6,100
*	X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	4,915	1,746 3,169
*	X7830084	GROOVING FOR RECESSED PAVEMENT MARKING 19"	FOOT	132	72 60
	Z0004542	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	291	100 191
	Z0008758	AERIAL SPEED CHECK MARKING	FOOT	132	72 60
	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	32,308	10,495 21,813
	Z0034105	MATERIAL TRANSFER DEVICE	TON	10,857	3,527 7,330

* SPECIALTY ITEM

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USER NAME = hogensonjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 20 SUMMARY OF QUANTITIES		F.A.P. RTE. 301	SECTION 177-(3,4,4-1)-1RS	COUNTY STEPHENSON	TOTAL SHEETS 22	SHEET NO. 5	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 64N59					
PLOT DATE = 2/5/2020	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

GENERAL NOTES

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

The removal of Bituminous Surfacing less than 6-inch thickness not on a rigid type base removed in conjunction with the base shall be removed as EARTH EXCAVATION. The removal of Bituminous Surfacing on a rigid type base or a thickness of 6 inches or more on a flexible base removed in conjunction with the base shall be included in the contract unit price for PAVEMENT REMOVAL of the type specified.

Closed expansion joints on jointed pavements shall be re-established during the patching operations. Class B Patches - when the pavement requires patching at the location of the expansion joint, a new joint should be established using a dowelled expansion patch as shown on Highway Standard 442101. When the joint is closed, but does not require patching, an expansion joint may be formed by sawing the pavement and filling the saw cut with a preformed expansion joint filler meeting the requirements of Section 1051 of the Standard Specifications as shown on Standard 420001.

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.

All mandatory joint sealing for Class A, Class B, and Class B (Hinge Jointed) patches as shown on the plans will not be measured for payment. Optional sawing of the joint for the sealant reservoir will not be measured for payment.

For all concrete patching that will not be resurfaced, the concrete shall be struck off flush with the existing pavement surface at each end of the patch.

The Engineer reserves the right to check all patches for smoothness by the use of a 10' rolling straight edge set to a 3/16" tolerance in the wheel paths. Any patch areas higher than 3/16" must be ground smooth with an approved grinding device consisting of multiple saws. The use of bushhammer or other impact devices will not be permitted. Any patch with depressions greater than 3/16" shall be repaired in a manner approved by the Engineer.

The mandatory saw cuts for pavement patching are:

Class A Patch: Cut two transverse saw cuts at each end of the patch; one full depth and one partial depth. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

Class B Patch: Cut two transverse saw cuts outlining the patch and one transverse pressure relief saw cut. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

The mandatory saw cuts will be paid for at the contract unit price per Foot for SAW CUTS.

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

The following Mixture Requirements are applicable for this project:

Location(s):	Mainline & Ramps
Mixture Use(s):	Surface
PG:	PG 64-22
Design Air Voids:	4.0 @ N70
Mixture Composition (Mixture Gradation):	IL 9.5
Friction Aggregate:	D
Mixture Weight:	112 lbs/sy/in
Quality Management Program:	QCP
Sublot Size:	1,000
Number of Roller Passes ¹⁾ :	N/A

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

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

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

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.

Work on this project will be in progress at the same time as work on the Contract #64N58 – US 20 WB. Work on these projects shall be scheduled to keep interference between all the projects to a minimum. The contractors shall inform each other of progress of the projects and give fair warning to the other contractors when a problem might be encountered.

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

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

FILE NAME = 64N59.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES					ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -		FAP 301 (US 20)	177-(3,4,4-1)-1RS	Stephenson	22	6					
	PLOT DATE = 1/24/2020 9:15 AM	CHECKED -	REVISED -							CONTRACT NO. 64N59				
		DATE - 6/20/2019 8:03 AM	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

Tie bars shall be installed to tie PCC appurtenance to adjacent existing concrete pavement.

Tie the following
to the existing
concrete pavement

Length, size, and
spacing of Tie Bars

Gutter or Curb & Gutter	Std. 606001	24" long No. 6 @ 36" centers
PCC Base Course	Std. 353001	24" long No. 6 @ 36" centers
PCC Pavement	Std. 420101	24" long No. 6 @ 36" centers

Tie bars to be installed in accordance with the applicable portions of Article 420.05(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

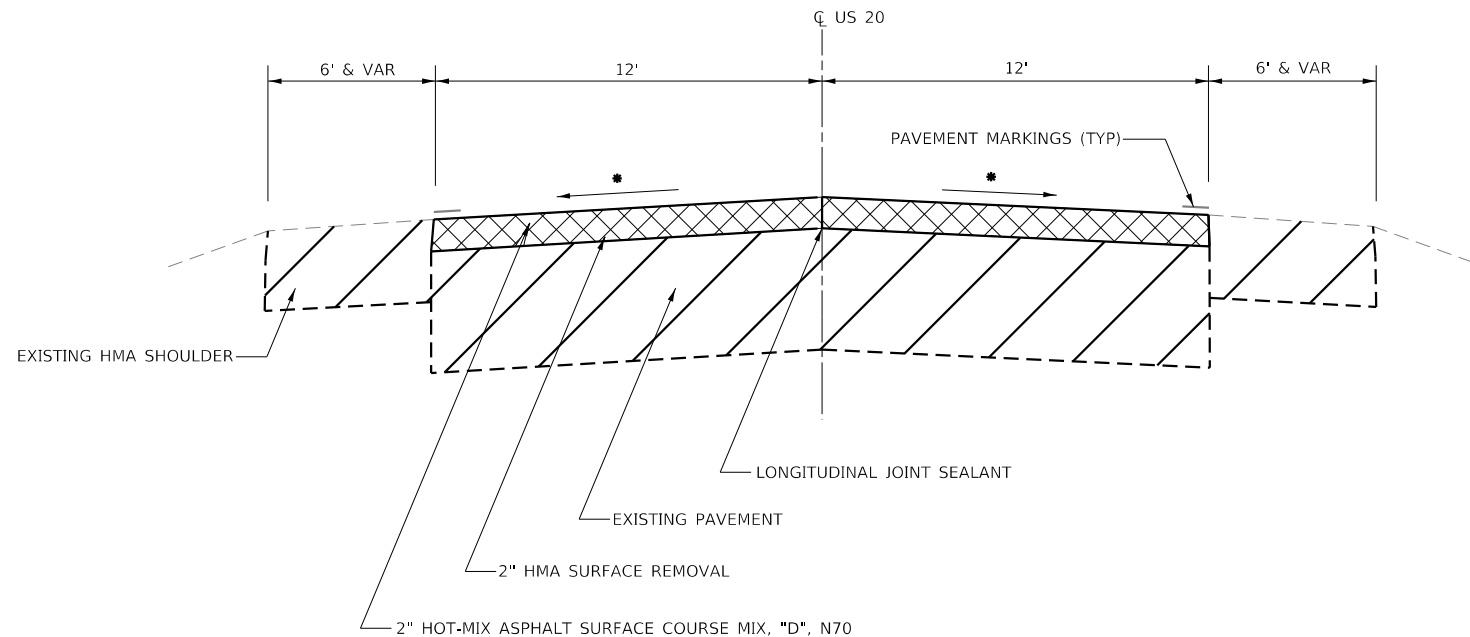
Recommended Sequence of Work:

- Step 1: Perform all the Patching and Pavement Connectors.
- Step 2: Perform all mainline Hot-Mix Asphalt Surface Removal 2" and Hot-Mix Asphalt Surface Removal (Special) in Shoulders.
- Step 3: Place the Longitudinal Joint Sealant on mainline center line.
- Step 4: Place 2" Hot-Mix Asphalt Surface Course
- Step 5: Mill half of ramps and place 2" Hot-Mix Asphalt Surface Course.
- Step 6: Mill other half of ramps and place 2" Hot-Mix Asphalt Surface Course.
- Step 7: Place the Incidental Hot-Mix Asphalt in the remaining areas.

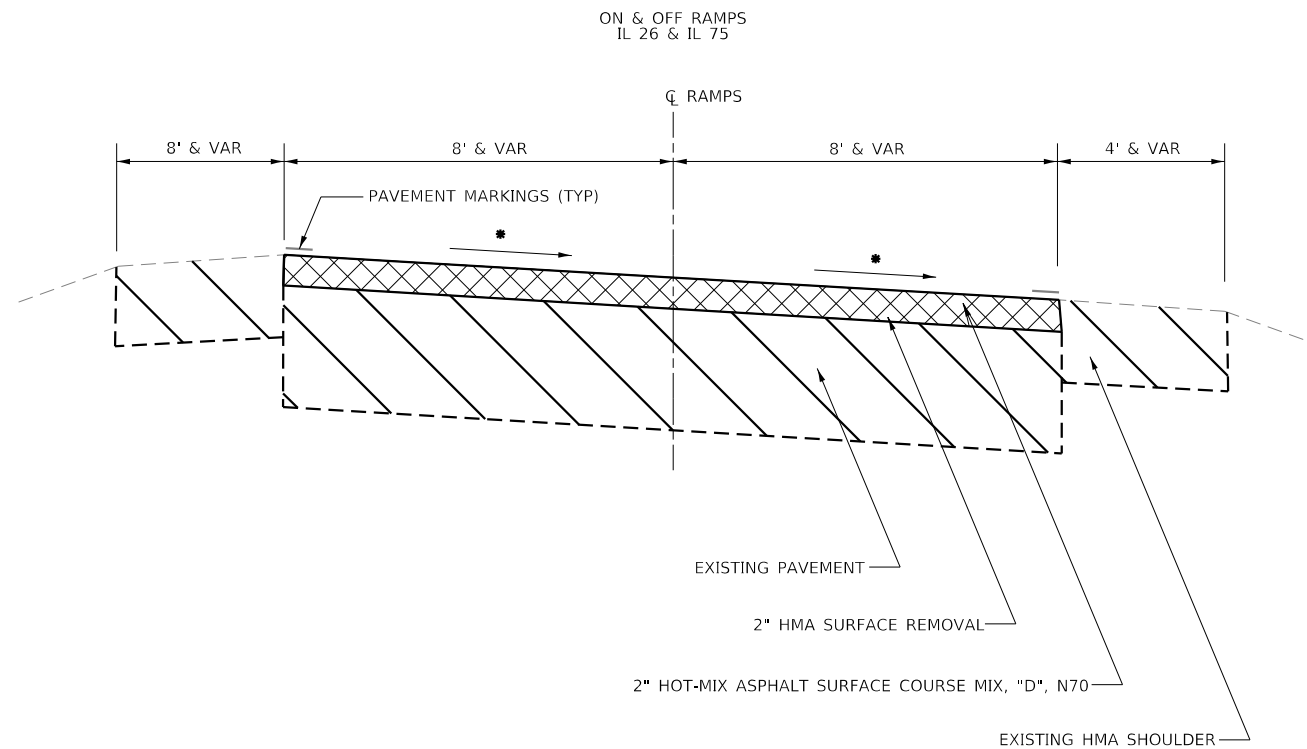
Based on our structural analysis, the following structures can be crossed with an empty MTD with the following maximum gross weight restrictions: 089-0042 (40 tons), 089-0046 (40 tons), 089-0047 (40 tons), 089-0048 (40 tons), 089-0049 (40 tons), 089-0050 (40 tons), 089-0056 (40 tons), 089-0057 (40 tons), 089-0080 (40 tons), 089-0081 (40 tons), 089-1085 (40 tons), 089-1087 (40 tons), 089-1088 (40 tons), and 089-2008 (40 tons).

FILE NAME = 64N59.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -			FAP 301 (US 20)	177-(3,4,4-1)-1RS	Stephenson	22	7
	PLOT DATE = 2/19/2020 10:32 AM	CHECKED -	REVISED -			CONTRACT NO. 64N59		ILLINOIS	FED. AID PROJECT	
	DATE - 6/20/2019 8:03 AM	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	

WB STA 810+98 - WB STA 838+13
 WB STA 841+80 - WB STA 1010+52
 WB STA 1012+90 - WB STA 1072+82
 WB STA 1083+13 - WB STA 1150+42



URBAN LIMITS (STA. 810+98 TO STA. 919+60)
 RURAL LIMITS (STA. 919+60 TO STA. 1150+42)



* MATCH EXISTING SLOPE
 MINIMUM 1/8"/FT CROSS SLOPE

BITUMINOUS APPLICATION RATES: 112 LB / SQ YD / INCH

MODEL: Default
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 PROJECT: 301\planroom.dwg
 OFFICE: 301\planroom.dwg
 DATE: 2/4/2020

USER NAME = hogensonjd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1R5	STEPHENSON	22	8
CONTRACT NO. 64N59				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

31101000 SUBBASE GRANULAR MATERIAL, TYPE B

TON	LOCATION	(See Standard 420401)	Remarks
URBAN	US 20 WB		
39.3	Sta 865 + 40 - 865 + 55		Pavement Connector - (15' x 34.5') @ 12"
39.3	TOTAL		

40600901 HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70

TON	LOCATION		Remarks
URBAN	RURAL	US 20 WB	
39	91	As Needed & Directed by the Resident (Mainline and Ramps)	
	130	TOTAL	

40600990 TEMPORARY RAMP

SO YD	LOCATION	(Taper Rate = 1' : 40' at 2", so L = 6'-8")	Remarks
URBAN	RURAL	US 20 WB	
17.8		Sta 810 + 98	Start of Project 24' wide x 6'-8" long - Mainline
17.8		Sta 838 + 13	IL 26 Bridge 24' wide x 6'-8" long - Mainline
17.8		Sta 841 + 80	IL 26 Bridge 24' wide x 6'-8" long - Mainline
	17.8	Sta 1010 + 52	IL 75 Bridge 24' wide x 6'-8" long - Mainline
	17.8	Sta 1012 + 90	IL 75 Bridge 24' wide x 6'-8" long - Mainline
	17.8	Sta 1072 + 82	Pec. River Bridge 24' wide x 6'-8" long - Mainline
	17.8	Sta 1083 + 13	Pec. River Bridge 24' wide x 6'-8" long - Mainline
	17.8	Sta 1150 + 42	End of Project 24' wide x 6'-8" long - Mainline
	11.9	Sta 18 + 42	Exit Ramp to IL 75 16' wide x 6'-8" long - Ramp
	15.9	Sta 00 + 00	Entrance Ramp - IL 75 21.5' wide x 6'-8" long - Ramp
11.9		Sta 18 + 62	Exit Ramp to IL 26 16' wide x 6'-8" long - Ramp
14.8		Sta 01 + 00	Entrance Ramp - IL 26 20' wide x 6'-8" long - Ramp
81	117	SUB-TOTAL	
	198	TOTAL	

42000060 WELDED WIRE REINFORCEMENT

SO YD	LOCATION	(See Standard 420401 and 420701)	Remarks
URBAN	RURAL	US 20 WB	
	21.3	Sta 1150 + 42 - 1150 + 58	LT 16' x 12' - Class B Patch
40.0		Sta 865 + 40 - 865 + 55	15' x 24' - Pavement Connector (Mainline Only)
	62	TOTAL	

42000080 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB

SO YD	LOCATION	(See Standard 420401)	Remarks
URBAN	US 20 WB		
56.7	Sta 865 + 40 - 865 + 55		15' x 34' - Fix Bad Joint
56.7	TOTAL		

44000100 PAVEMENT REMOVAL

SO YD	LOCATION	(See Standard 420401)	Remarks
URBAN	US 20 WB		
56.7	Sta 865 + 40 - 865 + 55		15' x 34' - Fix Bad Joint
56.7	TOTAL		

44200986 CLASS B PATCHES, TYPE III, 11 INCH

SO YD	LOCATION		Remarks
RURAL	US 20 WB		
21.3	Sta 1150 + 42 - 1150 + 58	LT	16' x 12'
21.3	TOTAL		

44201299 DOWEL BARS 1 1/2"

EACH	LOCATION		Remarks
RURAL	US 20 WB		
10	Sta 1150 + 42 - 1150 + 58	LT	East Side of Patch (West Side is HMA)
10	TOTAL		

44213200 SAW CUTS

FOOT	LOCATION		Remarks
URBAN	RURAL	US 20 WB	
	84	Sta 1150 + 42 - 1150 + 58	LT 16' (3 Cuts) x 12' (3 Cuts)
117		Sta 865 + 40 - 865 + 55	15' x 34' - Fix Bad Joint
	201	TOTAL	

70300100 SHORT TERM PAVEMENT MARKING

FOOT	LOCATION	(3 Applications - Milled, Tack Coat, Surface) *(1 Application Only)*	Remarks
URBAN	RURAL	US 20 WB	Yellow
109		Sta 810 + 98 - 838 + 13	RT *Shoulder Diagonals (4' diagonal every 100')*
312		Sta 841 + 80 - 919 + 60	RT *Shoulder Diagonals (4' diagonal every 100')*
	364	Sta 919 + 60 - 1010 + 52	RT *Shoulder Diagonals (4' diagonal every 100')*
	240	Sta 1012 + 90 - 1072 + 82	RT *Shoulder Diagonals (4' diagonal every 100')*
	270	Sta 1083 + 13 - 1150 + 58	RT *Shoulder Diagonals (4' diagonal every 100')*
	46	Sta 06 + 84 - 18 + 42	LT *Exit Ramp to IL 75 - shld. Diagonals*
	40	Sta 00 + 00 - 10 + 12	LT *Entrance Ramp from IL 75 - shld. Diagonals*
48		Sta 06 + 64 - 18 + 62	LT *Exit Ramp to IL 26 - shld. Diagonals*
42		Sta 01 + 00 - 11 + 61	LT *Entrance Ramp from IL 26 - shld. Diagonals*
511	960	Yellow Total	
URBAN	RURAL	US 20 WB	White
816		Sta 810 + 98 - 838 + 13	CL Centerline Skip Dash (4' every 40')
2,334		Sta 841 + 80 - 919 + 60	CL Centerline Skip Dash (4' every 40')
	2,728	Sta 919 + 60 - 1010 + 52	CL Centerline Skip Dash (4' every 40')
	1,797	Sta 1012 + 90 - 1072 + 82	CL Centerline Skip Dash (4' every 40')
	2,025	Sta 1083 + 13 - 1150 + 58	CL Centerline Skip Dash (4' every 40')
21		Sta 810 + 98 - 816 + 13	LT *Shoulder Diagonals (4' diagonal every 100')*
96		Sta 828 + 54 - 852 + 48	LT *Shoulder Diagonals (4' diagonal every 100')*
242		Sta 859 + 11 - 919 + 60	LT *Shoulder Diagonals (4' diagonal every 100')*
	212	Sta 919 + 60 - 972 + 43	LT *Shoulder Diagonals (4' diagonal every 100')*
	91	Sta 1000 + 88 - 1023 + 67	LT *Shoulder Diagonals (4' diagonal every 100')*
	480	Sta 1030 + 50 - 1150 + 58	LT *Shoulder Diagonals (4' diagonal every 100')*
	74	Sta 00 + 00 - 18 + 42	RT *Exit Ramp to IL 75 - shld. Diagonals*
	15	Sta 03 + 11 - 06 + 84	LT *Exit Ramp to IL 75 - shld. diagonals (gore)*
	152	Sta 00 + 00 - 38 + 00	RT *Entrance Ramp from IL 75 - shld. Diagonals*
	12	Sta 10 + 12 - 13 + 22	LT *Entrance Ramp from IL 75 - shld. Diagonals*
	564	Sta 13 + 22 - 32 + 00	LT IL 75 Entrance Ramp / Merge Lane Skip Dash
74		Sta 00 + 00 - 18 + 62	RT *Exit Ramp to IL 26 - shld. Diagonals*
14		Sta 03 + 11 - 06 + 64	LT *Exit Ramp to IL 26 - shld. diagonals (gore)*
93		Sta 01 + 00 - 24 + 26	RT *Entrance Ramp from IL 26 - shld. Diagonals*
21		Sta 11 + 61 - 16 + 82	LT *Entrance Ramp from IL 26 - shld. Diagonals*
3,711	8,150	White Total	
4,222	9,110	SUB-TOTAL	
	13,332	TOTAL	

MODEL: Default
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USER NAME = hogensonjd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1RS	STEPHENSON	22	9
CONTRACT NO. 64N59				
ILLINOIS		FED. AID PROJECT		

SCHEDULE OF QUANTITIES

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

<u>SO FT</u>		<u>LOCATION</u>		(Surface Removal Only of Short Term)	
URBAN	RURAL	US 20 WB			Yellow
36.3		Sta 810+98 - 838+13	RT	*Shoulder Diagonals (4' diagonal every 100')*	
104.0		Sta 841+80 - 919+60	RT	*Shoulder Diagonals (4' diagonal every 100')*	
	121.3	Sta 919+60 - 1010+52	RT	*Shoulder Diagonals (4' diagonal every 100')*	
	80.0	Sta 1012+90 - 1072+82	RT	*Shoulder Diagonals (4' diagonal every 100')*	
	90.0	Sta 1083+13 - 1150+58	RT	*Shoulder Diagonals (4' diagonal every 100')*	
	15.3	Sta 06+84 - 18+42	LT	*Exit Ramp to IL 75 - shld. Diagonals*	
	13.3	Sta 00+00 - 10+12	LT	*Entrance Ramp from IL 75 - shld. Diagonals*	
16.0		Sta 06+64 - 18+62	LT	*Exit Ramp to IL 26 - shld. Diagonals*	
14.0		Sta 01+00 - 11+61	LT	*Entrance Ramp from IL 26 - shld. Diagonals*	
170.3	320.0	<i>Yellow Total</i>			
URBAN	RURAL	US 20 WB			White
90.7		Sta 810+98 - 838+13	CL	Centerline Skip Dash (4' every 40')	
259.3		Sta 841+80 - 919+60	CL	Centerline Skip Dash (4' every 40')	
	303.1	Sta 919+60 - 1010+52	CL	Centerline Skip Dash (4' every 40')	
	199.7	Sta 1012+90 - 1072+82	CL	Centerline Skip Dash (4' every 40')	
	225.0	Sta 1083+13 - 1150+58	CL	Centerline Skip Dash (4' every 40')	
7.0		Sta 810+98 - 816+13	LT	*Shoulder Diagonals (4' diagonal every 100')*	
32.0		Sta 828+54 - 852+48	LT	*Shoulder Diagonals (4' diagonal every 100')*	
80.7		Sta 859+11 - 919+60	LT	*Shoulder Diagonals (4' diagonal every 100')*	
	70.7	Sta 919+60 - 972+43	LT	*Shoulder Diagonals (4' diagonal every 100')*	
	30.3	Sta 1000+88 - 1023+67	LT	*Shoulder Diagonals (4' diagonal every 100')*	
	160.0	Sta 1030+50 - 1150+58	LT	*Shoulder Diagonals (4' diagonal every 100')*	
	24.7	Sta 00+00 - 18+42	RT	*Exit Ramp to IL 75 - shld. Diagonals*	
	5.0	Sta 03+11 - 06+84	LT	*Exit Ramp to IL 75 - shld. diagonals (gore)*	
	50.7	Sta 00+00 - 38+00	RT	*Entrance Ramp from IL 75 - shld. Diagonals*	
	4.0	Sta 10+12 - 13+22	LT	*Entrance Ramp from IL 75 - shld. Diagonals*	
	62.7	Sta 13+22 - 32+00	LT	IL 75 Entrance Ramp / Merge Lane Skip Dash	
24.7		Sta 00+00 - 18+62	RT	*Exit Ramp to IL 26 - shld. Diagonals*	
4.7		Sta 03+11 - 06+64	LT	*Exit Ramp to IL 26 - shld. diagonals (gore)*	
31.0		Sta 01+00 - 24+26	RT	*Entrance Ramp from IL 26 - shld. Diagonals*	
7.0		Sta 11+61 - 16+82	LT	*Entrance Ramp from IL 26 - shld. Diagonals*	
537.0	1,135.8	<i>White Total</i>			
708	1,456	SUB-TOTAL			
	2,164	TOTAL			

78009000 MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

<u>SO FT</u>		<u>LOCATION</u>		(See DS 41.1 & DS 44.1 and Standard 78001)	
URBAN	RURAL	US 20 WB	White	Remarks	
	24.3	Sta 17+00	Wrong Way Arrow	Exit Ramp to IL 75	
	41.5	Sta 20+50	Lane Drop Arrow	Entrance Ramp fr. IL 75	
	41.5	Sta 31+50	Lane Drop Arrow	Entrance Ramp fr. IL 75	
24.3		Sta 18+00	Wrong Way Arrow	Exit Ramp to IL 26	
25	108	SUB-TOTAL			
	133	TOTAL			

78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4"

<u>FOOT</u>		<u>LOCATION</u>		(See DS 41.1 & DS 44.1 and Standard 78001)	
URBAN	RURAL	US 20 WB			Yellow
10,862		Sta 810+98 - 919+60	RT	Edge Line	
	23,098	Sta 919+60 - 1150+58	RT	Edge Line	
	1,158	Sta 06+84 - 18+42	LT	Exit Ramp to IL 75 - Edge Line	
	1,012	Sta 00+00 - 10+12	LT	Entrance Ramp from IL 75 - Edge Line	
1,198		Sta 06+64 - 18+62	LT	Exit Ramp to IL 26 - Edge Line	
1,061		Sta 01+00 - 11+61	LT	Entrance Ramp from IL 26 - Edge Line	
13,121	25,268	<i>Yellow Total</i>			
URBAN	RURAL	US 20 WB			White
515		Sta 810+98 - 816+13	LT	Edge Line	
2,394		Sta 828+54 - 852+48	LT	Edge Line	
6,049		Sta 859+11 - 919+60	LT	Edge Line	
	5,283	Sta 919+60 - 972+43	LT	Edge Line	
	2,279	Sta 1000+88 - 1023+67	LT	Edge Line	
	12,008	Sta 1030+50 - 1150+58	LT	Edge Line	
	1,842	Sta 00+00 - 18+42	RT	Exit Ramp to IL 75 - Edge Line	
	2,000	Sta 00+00 - 20+00	RT	Entrance Ramp from IL 75 - Edge Line	
1,862		Sta 00+00 - 18+62	RT	Exit Ramp to IL 26 - Edge Line	
2,326		Sta 01+00 - 24+26	RT	Entrance Ramp from IL 26 - Edge Line	
13,146	23,412	<i>White Total</i>			
26,267	48,680	SUB-TOTAL			
	74,947	TOTAL			

78009006 MODIFIED URETHANE PAVEMENT MARKING - LINE 6"

<u>FOOT</u>		<u>LOCATION</u>		(See DS 41.1 & DS 44.1 and Standard 78001)	
URBAN	RURAL	US 20 WB			White
2,720		Sta 810+98 - 919+60	CL	Skip Dash	
	5,780	Sta 919+60 - 1150+58	CL	Skip Dash	
	320	Sta 13+22 - 26+00	LT	Entrance Ramp / Merge Lane from IL 75 (80' o.c.)	
2,720	6,100	SUB-TOTAL			
	8,820	TOTAL			

78009008 MODIFIED URETHANE PAVEMENT MARKING - LINE 8"

<u>FOOT</u>		<u>LOCATION</u>		(See DS 41.1 & DS 44.1 and Standard 78001)	
URBAN	RURAL	US 20 WB			White
	371	Sta 1023+67 - 1027+38	LT	Exit Ramp to IL 75 - gore area	
	373	Sta 03+11 - 06+84	LT	Exit Ramp to IL 75 - gore area	
	315	Sta 997+73 - 1000+88	LT	Entrance Ramp from IL 75 - gore area	
	310	Sta 10+12 - 13+22	LT	Entrance Ramp from IL 75 - gore area	
	1,800	Sta 20+00 - 38+00	RT	Entrance Ramp from IL 75 - edge line (lane reduction)	
350		Sta 852+48 - 855+98	LT	Exit Ramp to IL 26 - gore area	
353		Sta 03+11 - 06+64	LT	Exit Ramp to IL 26 - gore area	
522		Sta 823+32 - 828+54	LT	Entrance Ramp from IL 26 - gore area	
521		Sta 11+61 - 16+82	LT	Entrance Ramp from IL 26 - gore area	
1,746	3,169	SUB-TOTAL			
	4,915	TOTAL			

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USER NAME = hogensonjd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1R5	STEPHENSON	22	10
CONTRACT NO. 64N59				
		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

78100100 RAISED REFLECTIVE PAVEMENT MARKER

<u>FACH</u>	<u>LOCATION</u>	(See Standard 781001 and Dist Std 41.1)			
<u>Two-Way Amber</u>					
RURAL	US 20 WB				Remarks
15	Sta 06+84 - 12+25	-	12+25	LT	Exit Ramp to IL 75 (40' O.C.)
15	Sub-Total				
<u>One-Way Crysta/</u>					
URBAN	RURAL	US 20 WB			Remarks
35		Sta 810+98 - 838+13	-	838+13	CL Start of Project to IL 26 (80' O.C.)
98		Sta 841+80 - 919+60	-	919+60	CL IL 26 to Urban End (80' O.C.)
	115	Sta 919+60 - 1010+52	-	1010+52	CL Rural Start to IL 75 (80' O.C.)
	76	Sta 1012+90 - 1072+82	-	1072+82	CL IL 75 to Pecatonica River (80' O.C.)
	85	Sta 1083+13 - 1150+58	-	1150+58	CL Pec. River to End of Project (80' O.C.)
	35	Sta 00+00 - 06+84	-	06+84	RT Exit Ramp to IL 75 (20' O.C.)
	10	Sta 03+11 - 06+84	-	06+84	LT Exit Ramp to IL 75 - gore area (40' O.C.)
	10	Sta 1023+67 - 1027+38	-	1027+38	LT Exit Ramp to IL 75 - gore area (40' O.C.)
	17	Sta 13+22 - 26+00	-	26+00	LT Entrance Ramp / Merge Lane from IL 75 (80' O.C.)
34		Sta 00+00 - 06+64	-	06+64	RT Exit Ramp to IL 26 (20' O.C.)
10		Sta 03+11 - 06+64	-	06+64	LT Exit Ramp to IL 26 - gore area (40' O.C.)
10		Sta 852+48 - 855+98	-	855+98	LT Exit Ramp to IL 26 - gore area (40' O.C.)
187	348	SUB-TOTAL			
187	363	SUB-TOTAL			
	550	TOTAL			

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>FACH</u>	<u>LOCATION</u>				
URBAN	RURAL	US 20 WB			Remarks
34		Sta 810+98 - 838+13	-	838+13	CL Start of Project to IL 26
98		Sta 841+80 - 919+60	-	919+60	CL IL 26 to Urban End
	112	Sta 919+60 - 1010+52	-	1010+52	CL Rural Start to IL 75
	75	Sta 1012+90 - 1072+82	-	1072+82	CL IL 75 to Pecatonica River
	83	Sta 1083+13 - 1150+58	-	1150+58	CL Pec. River to End of Project
	69	Sta 03+11 - 12+25	-	12+25	Exit Ramp to IL 75 and gore area
	24	Sta 13+22 - 32+00	-	32+00	LT Entrance Ramp / Merge Lane from IL 75
53		Sta 03+11 - 06+64	-	06+64	Exit Ramp to IL 26 and gore area
185	363	SUB-TOTAL			
	548	TOTAL			

X0322288 MEDIAN CLOSURE

<u>FACH</u>	<u>LOCATION</u>	(See Dist Std 98.4)	
URBAN	RURAL	US 20 WB	Remarks
1		Sta 865+00	Concrete Median Crossover
	1	Sta 1151+00	Concrete Median Crossover
	2	TOTAL	

X7830060 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS

<u>SO FT.</u>	<u>LOCATION</u>		
URBAN	RURAL	US 20 WB	White
	26.3	Sta 17+00	Wrong Way Arrow
	26.3	Sta 20+50	Lane Drop Arrow
	45.6	Sta 31+50	Lane Drop Arrow
	45.6	Sta 18+00	Wrong Way Arrow
45.6		SUB-TOTAL	
46	99	TOTAL	

X7830070 GROOVING FOR RECESSED PAVEMENT MARKING 5"

<u>FOOT</u>	<u>LOCATION</u>		
URBAN	RURAL	US 20 WB	Yellow
10,862		Sta 810+98 - 919+60	RT Edge Line
	23,098	Sta 919+60 - 1150+58	RT Edge Line
	1,158	Sta 06+84 - 18+42	LT Exit Ramp to IL 75 - Edge Line
	1,012	Sta 00+00 - 10+12	LT Entrance Ramp from IL 75 - Edge Line
1,198		Sta 06+64 - 18+62	LT Exit Ramp to IL 26 - Edge Line
1,061		Sta 01+00 - 11+61	LT Entrance Ramp from IL 26 - Edge Line
13,121	25,268	Yellow Total	

URBAN	RURAL	US 20 WB	White
515		Sta 810+98 - 816+13	LT Edge Line
2,394		Sta 828+54 - 852+48	LT Edge Line
6,049		Sta 859+11 - 919+60	LT Edge Line
	5,283	Sta 919+60 - 972+43	LT Edge Line
	2,279	Sta 1000+88 - 1023+67	LT Edge Line
	12,008	Sta 1030+50 - 1150+58	LT Edge Line
	1,842	Sta 00+00 - 18+42	RT Exit Ramp to IL 75 - Edge Line
	2,000	Sta 00+00 - 20+00	RT Entrance Ramp from IL 75 - Edge Line
1,862		Sta 00+00 - 18+62	RT Exit Ramp to IL 26 - Edge Line
2,326		Sta 01+00 - 24+26	RT Entrance Ramp from IL 26 - Edge Line
13,146	23,412	White Total	
26,267	48,680	SUB-TOTAL	
	74,947	TOTAL	

X7830074 GROOVING FOR RECESSED PAVEMENT MARKING 7"

<u>FOOT</u>	<u>LOCATION</u>		
URBAN	RURAL	US 20 WB	White
2,720		Sta 810+98 - 919+60	CL Skip Dash
	5,780	Sta 919+60 - 1150+58	CL Skip Dash
	320	Sta 13+22 - 26+00	LT Entrance Ramp / Merge Lane from IL 75 (80' o.c.)
2,720	6,100	SUB-TOTAL	
	8,820	TOTAL	

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USER NAME = hogensonjd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1R5	STEPHENSON	22	11
CONTRACT NO. 64N59				
ILLINOIS			FED. AID PROJECT	

SCHEDULE OF QUANTITIES

X7830076 GROOVING FOR RECESSED PAVEMENT MARKING 9"

<u>FOOT</u>		<u>LOCATION</u>			
URBAN	RURAL	US 20	WB	White	
	371	Sta	1023 + 67 - 1027 + 38	LT	Exit Ramp to IL 75 - gore area
	373	Sta	03 + 11 - 06 + 84	LT	Exit Ramp to IL 75 - gore area
	315	Sta	997 + 73 - 1000 + 88	LT	Entrance Ramp from IL 75 - gore area
	310	Sta	10 + 12 - 13 + 22	LT	Entrance Ramp from IL 75 - gore area
	1,800	Sta	20 + 00 - 38 + 00	RT	Entrance Ramp from IL 75 - edge line (lane reduction)
350		Sta	852 + 48 - 855 + 98	LT	Exit Ramp to IL 26 - gore area
353		Sta	03 + 11 - 06 + 64	LT	Exit Ramp to IL 26 - gore area
522		Sta	823 + 32 - 828 + 54	LT	Entrance Ramp from IL 26 - gore area
521		Sta	11 + 61 - 16 + 82	LT	Entrance Ramp from IL 26 - gore area
<u>1,746</u>	<u>3,169</u>	SUB-TOTAL			
	4,915	TOTAL			

X7830084 GROOVING FOR RECESSED PAVEMENT MARKING 19"

<u>FOOT</u>		<u>LOCATION</u>			
URBAN	RURAL	US 20	WB	White	(See Dist Std 46.4 - 3 Stripes x 4' @ 660')
12		Sta	837 + 12	Aerial	Speed Check Zone Stripes
12		Sta	843 + 72	Aerial	Speed Check Zone Stripes
12		Sta	850 + 32	Aerial	Speed Check Zone Stripes
12		Sta	856 + 92	Aerial	Speed Check Zone Stripes
12		Sta	863 + 52	Aerial	Speed Check Zone Stripes
12		Sta	913 + 35	Aerial	Speed Check Zone Stripes
	12	Sta	919 + 95	Aerial	Speed Check Zone Stripes
	12	Sta	926 + 55	Aerial	Speed Check Zone Stripes
	12	Sta	1083 + 99	Aerial	Speed Check Zone Stripes
	12	Sta	1090 + 59	Aerial	Speed Check Zone Stripes
	12	Sta	1097 + 19	Aerial	Speed Check Zone Stripes
<u>72</u>	<u>60</u>	SUB-TOTAL			
	132	TOTAL			

Z0008758 AERIAL SPEED CHECK MARKING

<u>FOOT</u>		<u>LOCATION</u>			
URBAN	RURAL	US 20	WB	White	(See Dist Std 46.4 - 3 Stripes x 4' @ 660')
12		Sta	837 + 12	Aerial	Speed Check Zone Stripes
12		Sta	843 + 72	Aerial	Speed Check Zone Stripes
12		Sta	850 + 32	Aerial	Speed Check Zone Stripes
12		Sta	856 + 92	Aerial	Speed Check Zone Stripes
12		Sta	863 + 52	Aerial	Speed Check Zone Stripes
12		Sta	913 + 35	Aerial	Speed Check Zone Stripes
	12	Sta	919 + 95	Aerial	Speed Check Zone Stripes
	12	Sta	926 + 55	Aerial	Speed Check Zone Stripes
	12	Sta	1083 + 99	Aerial	Speed Check Zone Stripes
	12	Sta	1090 + 59	Aerial	Speed Check Zone Stripes
	12	Sta	1097 + 19	Aerial	Speed Check Zone Stripes
<u>72</u>	<u>60</u>	SUB-TOTAL			
	132	TOTAL			

Z0034105 MATERIAL TRANSFER DEVICE

<u>TON</u>		<u>LOCATION</u>	
URBAN	RURAL	US 20	WB
3,527		As Directed by the Resident (Mainline Surface Only)	
	7,330	As Directed by the Resident (Mainline Surface Only)	
<u>10,857</u>		TOTAL	

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USER NAME = hogensonjd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1R5	STEPHENSON	22	12
CONTRACT NO. 64N59				
ILLINOIS			FED. AID PROJECT	

HMA SCHEDULE

STATIONS	LENGTH	PROPOSED SURFACE					**40600290**	***40604062***	****40800050****	44000157	****Z0004542****	*****Z0033700*****
		PAVEMENT		SHOULDER			BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	HOT-MIX ASPHALT REMOVAL (SPECIAL)	LONGITUDINAL JOINT SEALANT
		FT	WIDTH	SQ YD	LT	RT	SQ YD	POUND	TON	TON	SQ YD	SQ YD
US 20 WB - Urban												
810+98 . 838+13	2,715	24	7,240.0	10.0	6.0	22.9	3,268.3	912.2	2.6	7,240.0	22.9	2,715
Paving Gap - 1L 26 Bridge												
841+80 . 919+60	7,780	24	20,746.7	10.0	6.0	58.9	9,362.5	2,614.1	6.6	20,746.7	58.9	7,780
1L 26 Entrance Ramp (NW) - Urban												
1+00 . 1+40	40	20 to 16	80.0	4.0	6.0	1.4	36.6	10.1	0.2	80.0	1.4	
1+40 . 16+82	1,542	16	2,741.3	4.0	6.0	5.4	1,236.1	345.4	0.6	2,741.3	5.4	
16+82 . 24+26	744	16 to 0	661.3	0.0	6.0	3.3	299.1	83.3	0.4	661.3	3.3	
1L 26 Exit Ramp (NE) - Urban												
0+00 . 3+00	300	0 to 16	266.7	0.0	6.0	2.1	121.0	33.6	0.2	266.7	2.1	
3+00 . 18+62	1,562	16	2,776.9	4.0	6.0	5.5	1,252.1	349.9	0.6	2,776.9	5.5	
Urban Totals												
			34,513			100	15,576	4,349	12	34,513	100	10,495
US 20 WB - Rural												
919+60 . 1010+52	9,092	24	24,245.3	10.0	6.0	68.2	10,941.1	3,054.9	7.6	24,245.3	68.2	9,092
Paving Gap - 1L 75 Bridge												
1012+90 . 1072+82	5,992	24	15,978.7	10.0	6.0	46.2	7,211.2	2,013.3	5.2	15,978.7	46.2	5,992
Paving Gap - Pecatonica River Bridge												
1083+13 . 1150+42	6,729	24	17,944.0	10.0	6.0	51.4	8,097.9	2,260.9	5.8	17,944.0	51.4	6,729
1L 75 Entrance Ramp (NW) - Rural												
0+00 . 1+00	100	21.5 to 16	208.3	4.0	6.0	1.6	94.5	26.3	0.2	208.3	1.6	
1+00 . 13+22	1,222	16	2,172.4	4.0	6.0	4.6	979.7	273.7	0.5	2,172.4	4.6	
13+22 . 17+50	428	20 to 12	760.9	0.0	6.0	2.5	343.5	95.9	0.3	760.9	2.5	
17+50 . 32+00	1,450	12	1,933.3	0.0	6.0	5.2	872.3	243.6	0.6	1,933.3	5.2	
32+00 . 38+00	600	12 to 0	400.0	0.0	6.0	2.9	181.3	50.4	0.3	400.0	2.9	
1L 75 Exit Ramp (NE) - Rural												
0+00 . 3+00	300	0 to 16	266.7	0.0	6.0	2.1	121.0	33.6	0.2	266.7	2.1	
3+00 . 18+42	1,542	16	2,741.3	4.0	6.0	5.4	1,236.1	345.4	0.6	2,741.3	5.4	
Rural Totals												
			66,651			191	30,079	8,399	22	66,651	191	21,813
TOTALS												
			101,164			291	45,655	12,748	34	101,164	291	32,308

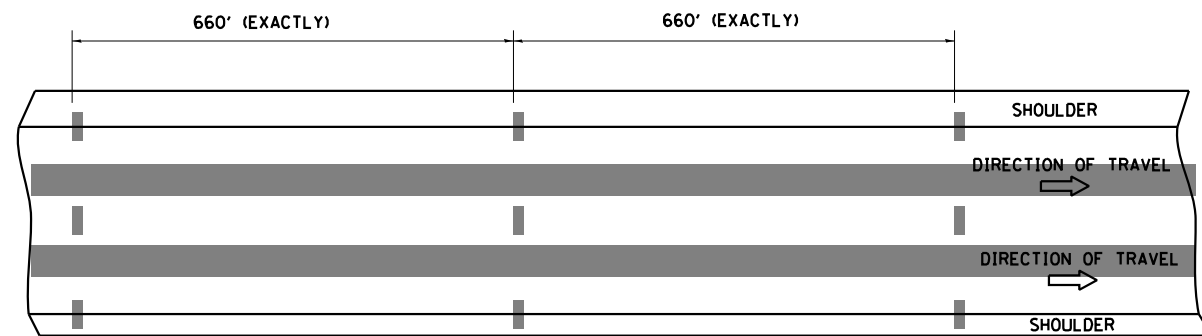
*Ramp Stations Increase with the Flow of Traffic and Opposite Mainline Stationing
 **Bituminous Materials (Tack Coat) Rate of Application = 0.05 Lb / Sq Ft on Existing HMA, 0.025 Lb / Sq Ft Between Lifts
 ***Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in
 ****Follow the Special Provision for Hot-Mix Asphalt Removal (Special) and Incidental HMA Surfacing. Omit Shoulder Locations on the High Side of Superelevations.
 *****Longitudinal Joint Sealant is Figured at Centerline of Mainline Only (Place on Milled Surface)

MODEL: Default
 FILE: hma_sch_pavplanroom.dwg
 PROJECT: ILLINOIS DOT
 OFFICE: ILLINOIS DOT
 DESIGNED: J. G. GRIFFIN
 DRAWN: J. G. GRIFFIN
 CHECKED: J. G. GRIFFIN
 DATE: 2/6/2020

USER NAME = jggriff PLOT SCALE = 100.0000' / in. PLOT DATE = 2/6/2020	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SCHEDULE	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.	301 177-(3,4,4-1)-1RS STEPHENSON 22 13	CONTRACT NO. 64N59 ILLINOIS FED. AID PROJECT
			SCALE:	SHEET OF SHEETS	STA.	TO STA.	

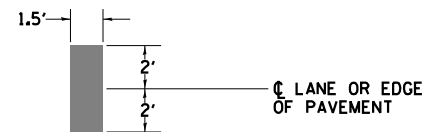
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 PLOT DATE: 2/2/2020

AERIAL SPEED CHECK ZONES



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

PAVEMENT MARKING DETAIL



POLICE AERIAL SPEED CHECK ZONES

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

ILLINOIS STATE POLICE

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

BASIS OF PAYMENT:

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

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

TYPICAL MEDIAN CROSSOVER CLOSURE

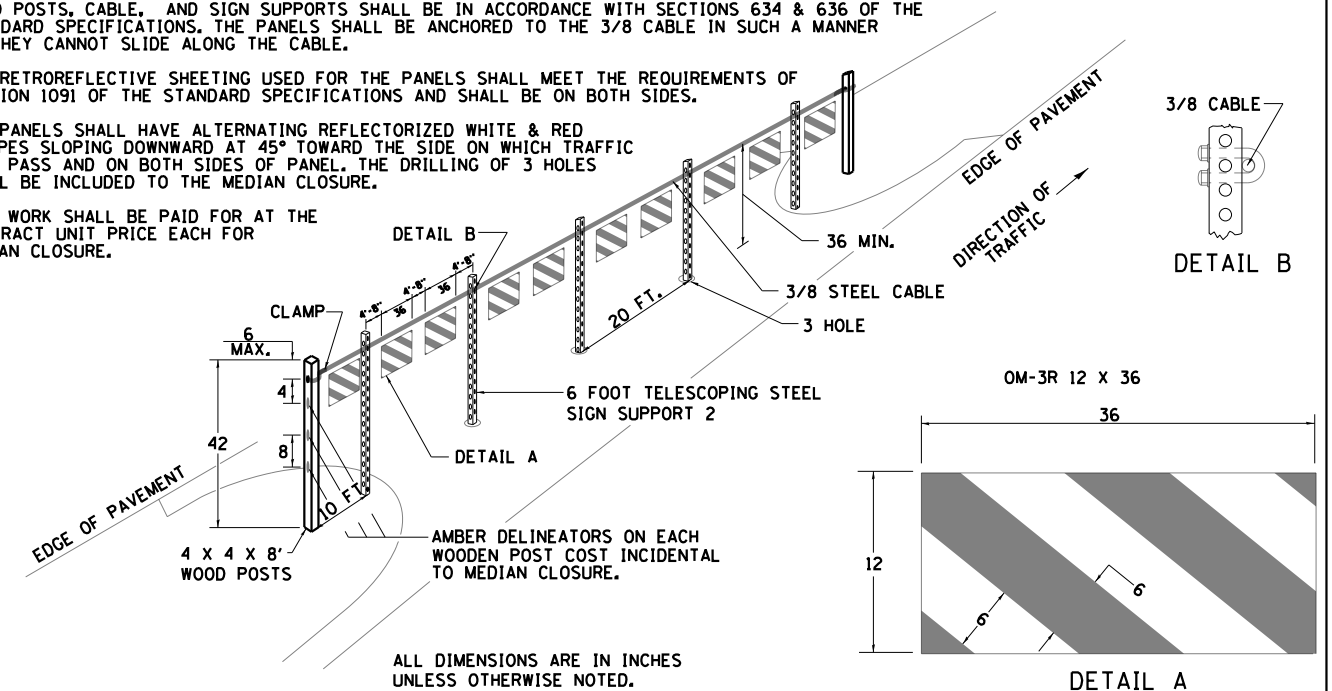
GENERAL NOTES

WOOD POSTS, CABLE, AND SIGN SUPPORTS SHALL BE IN ACCORDANCE WITH SECTIONS 634 & 636 OF THE STANDARD SPECIFICATIONS. THE PANELS SHALL BE ANCHORED TO THE 3/8 CABLE IN SUCH A MANNER SO THEY CANNOT SLIDE ALONG THE CABLE.

THE RETROREFLECTIVE SHEETING USED FOR THE PANELS SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS AND SHALL BE ON BOTH SIDES.

ALL PANELS SHALL HAVE ALTERNATING REFLECTORIZED WHITE & RED STRIPES SLOPING DOWNWARD AT 45° TOWARD THE SIDE ON WHICH TRAFFIC WILL PASS AND ON BOTH SIDES OF PANEL. THE DRILLING OF 3 HOLES SHALL BE INCLUDED TO THE MEDIAN CLOSURE.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MEDIAN CLOSURE.

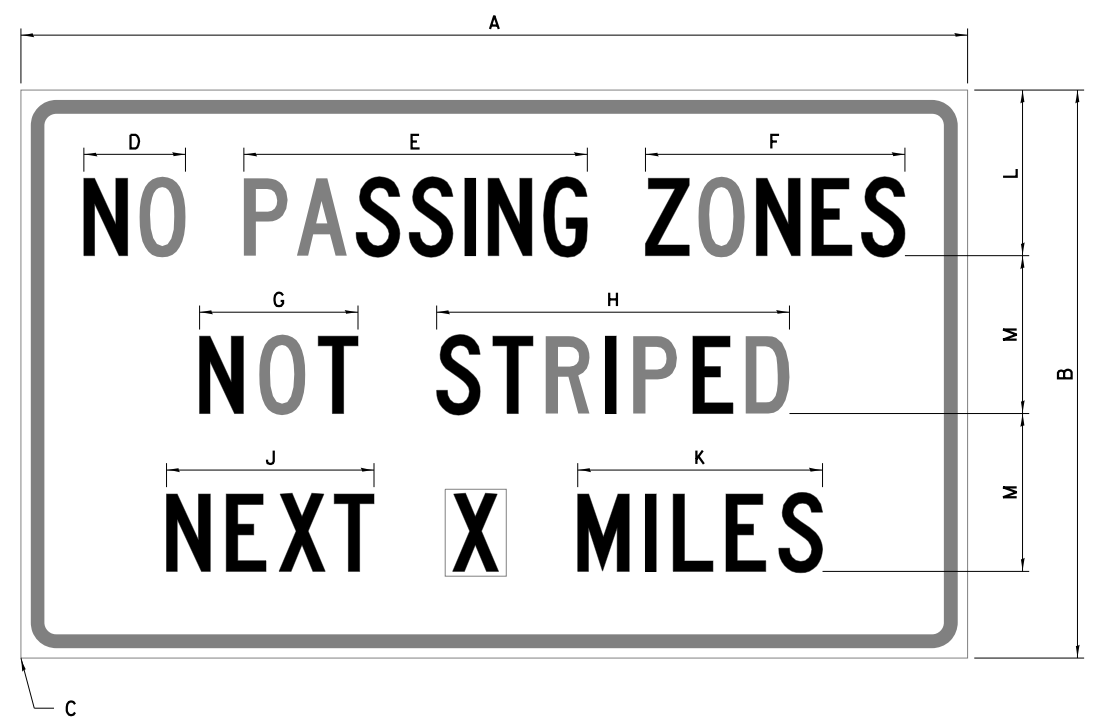


ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 1-16-12		301	177-(3,4,4-1)-1RS	STEPHENSON	22	14
REVISED -		CONTRACT NO. 64N59				
REVISED -		ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



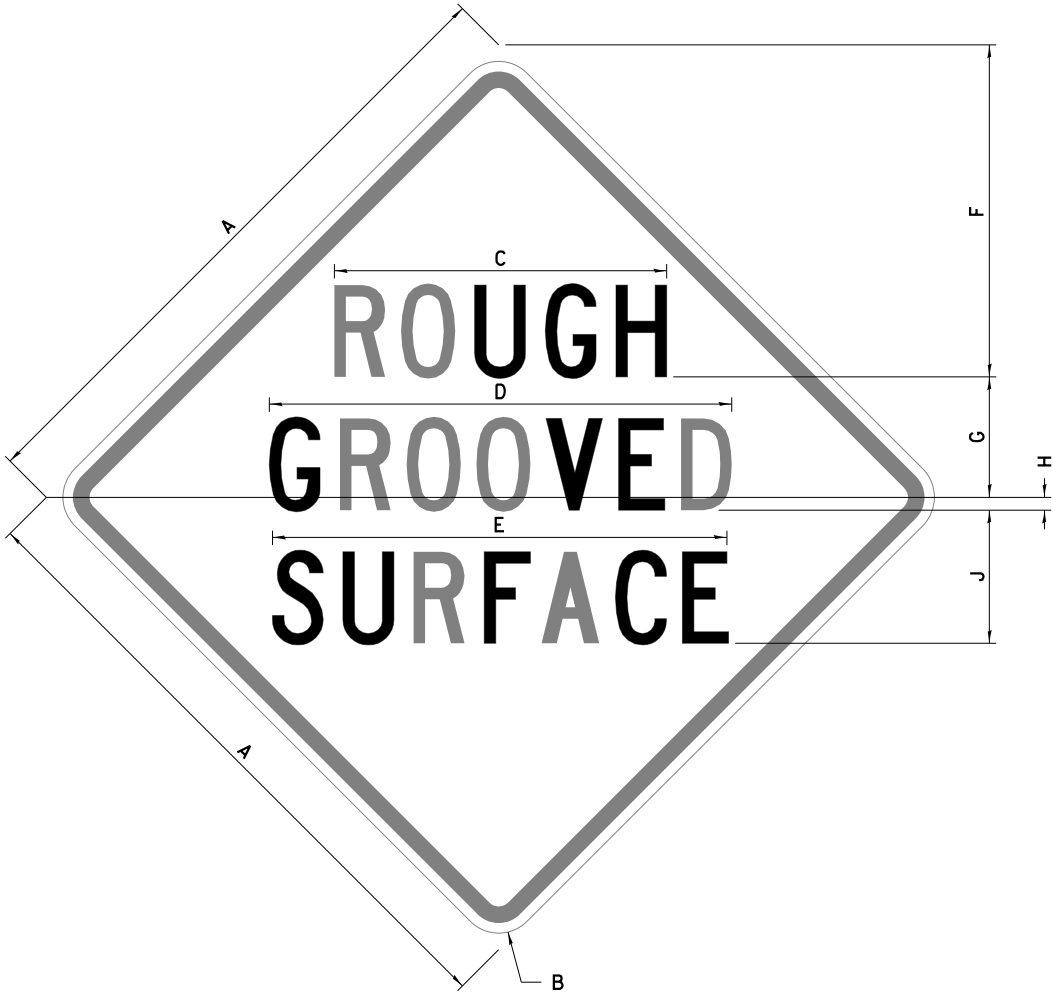
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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.

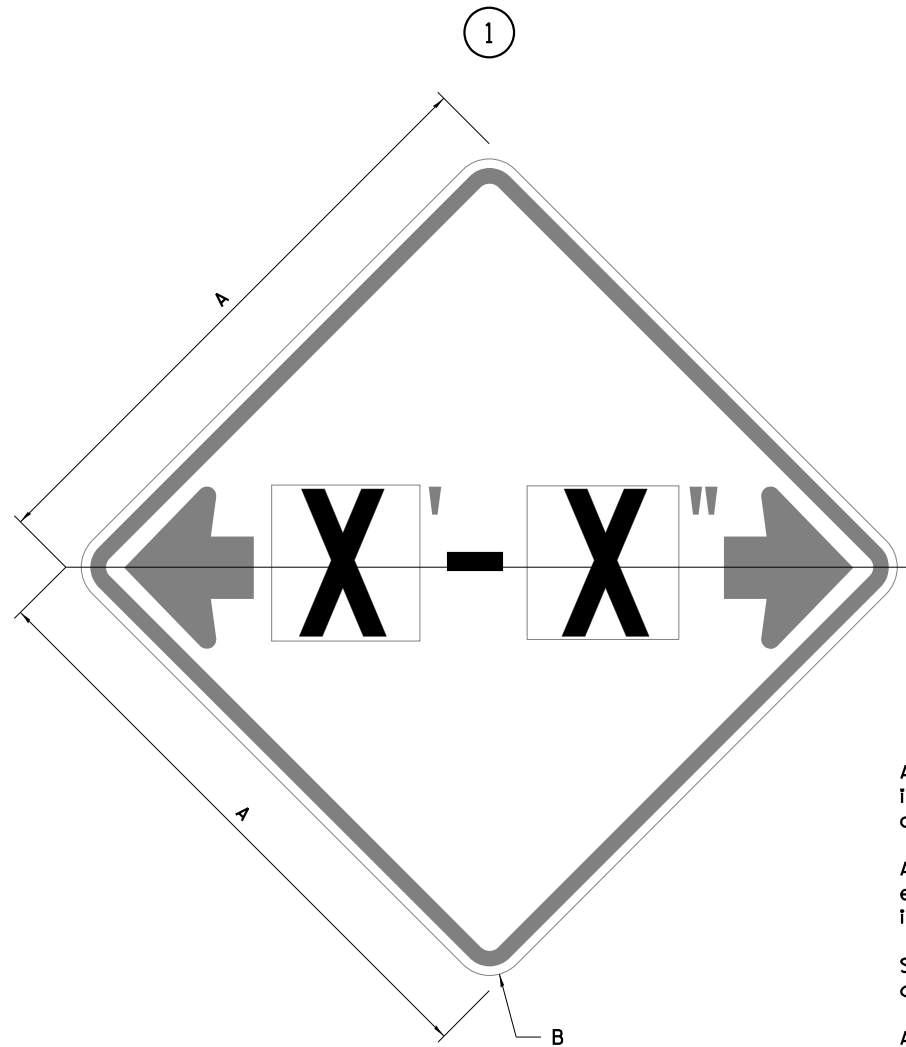
All dimensions are in inches unless otherwise noted.

FILE NAME: \\p1anroom\dtd\illinois\p1\PROJECTS\64N59\PROGRAM DEVELOPMENT\STUDIES & PLANS\DESIGN\CADD\CAD\sheet\02_64N59-std-detail.dgn

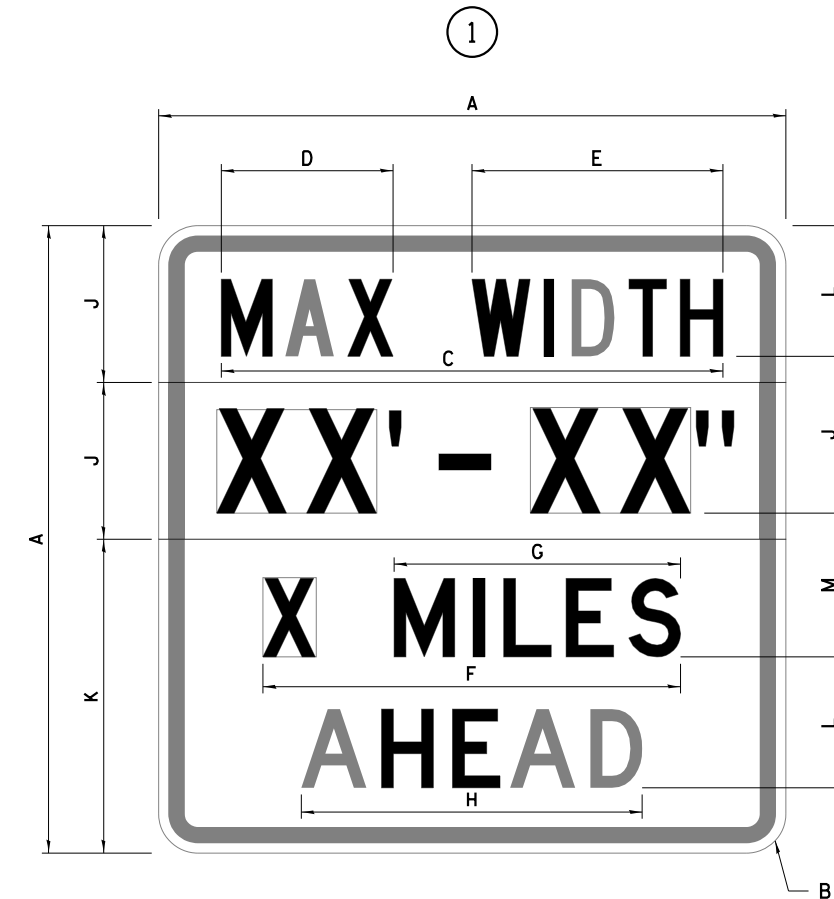
USER NAME = hogensonjd PLOT SCALE = 100.0000' / in. PLOT DATE = 2/4/2020	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - 3-02-16 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE: SHEET OF SHEETS STA. TO STA.	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 301 177-(3,4,4-1)-1R5 STEPHENSON 22 15 CONTRACT NO. 64N59
ILLINOIS FED. AID PROJECT WORK ZONE SIGN DETAILS SHEET 1 OF 4 34.1						

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



ILLINOIS STANDARD W12-I103



GENERAL NOTES

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

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

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

All dimensions are in inches unless otherwise noted.

COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

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

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

Sign not to scale

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

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: s:\pub\haronson\dot\illinois\dot\Documents\DOT_Offices\District_2\Projects\64N59\Program_Development\Studies & Plans\Design\CADD\Caddsheet102_64N59-1-1.dwg

USER NAME = hogensonjd	DESIGNED -	REVISED - 3-02-16
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

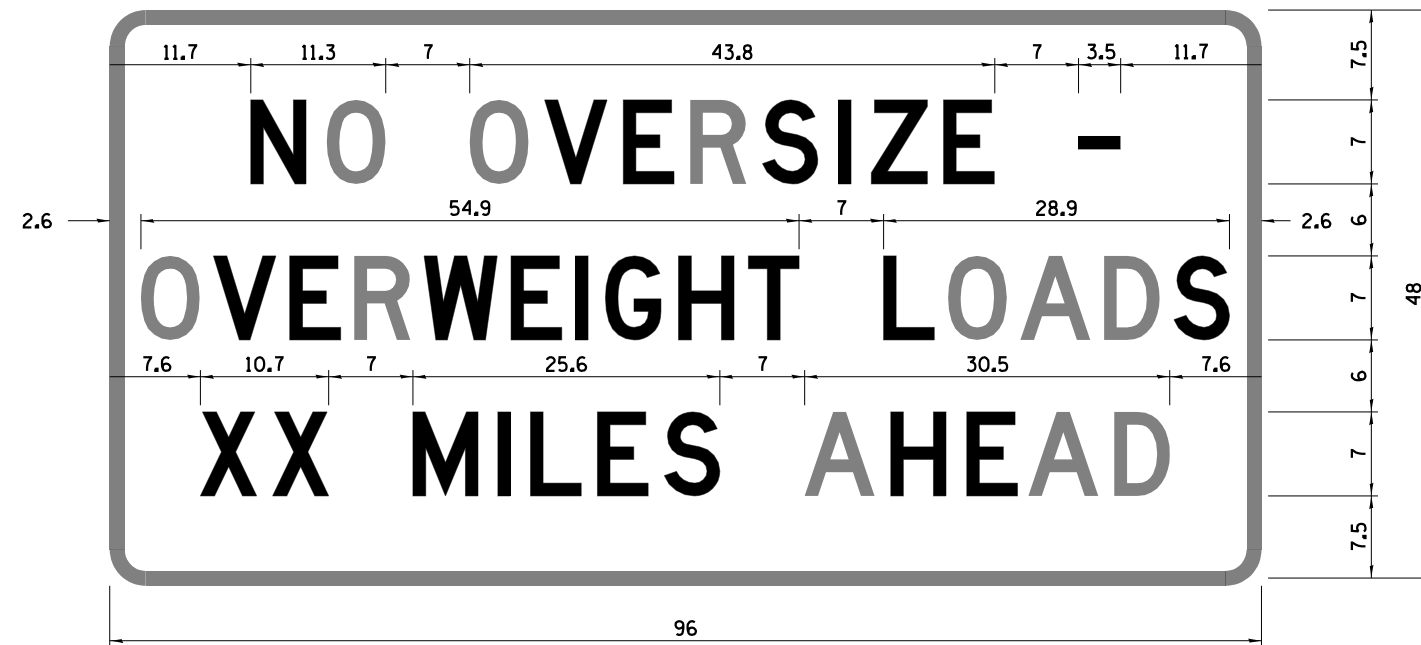
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

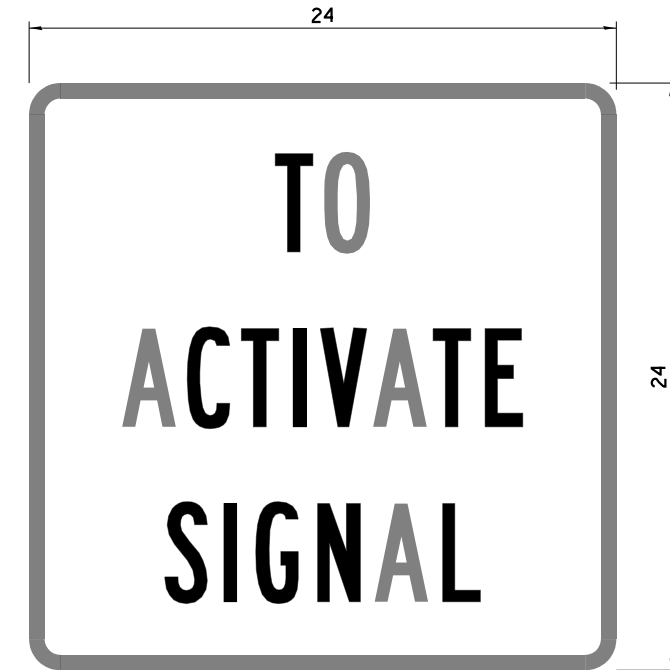
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1RS	STEPHENSON	22	16
CONTRACT NO. 64N59				

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
-------	------------------------------	--------------	---------------------------------

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

N	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

COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	NON-REFLECTORIZED REFLECTORIZED
-------	------------------------------	-------------	---------------------------------

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

Sign not to scale

GENERAL NOTES

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

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

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

All dimensions are in inches unless otherwise noted.

FILE NAME: p:\pub\baronm\dat\illinois.gov\PROJECTS\DOT Documents\DOT Offices\District 2\Projects\64N59\Program Development\Studies & Plans\Design\CADD\Caddsheet102_64N59-sch-detail.dgn

USER NAME = hogensonjd	DESIGNED -	REVISED - 3-02-16
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

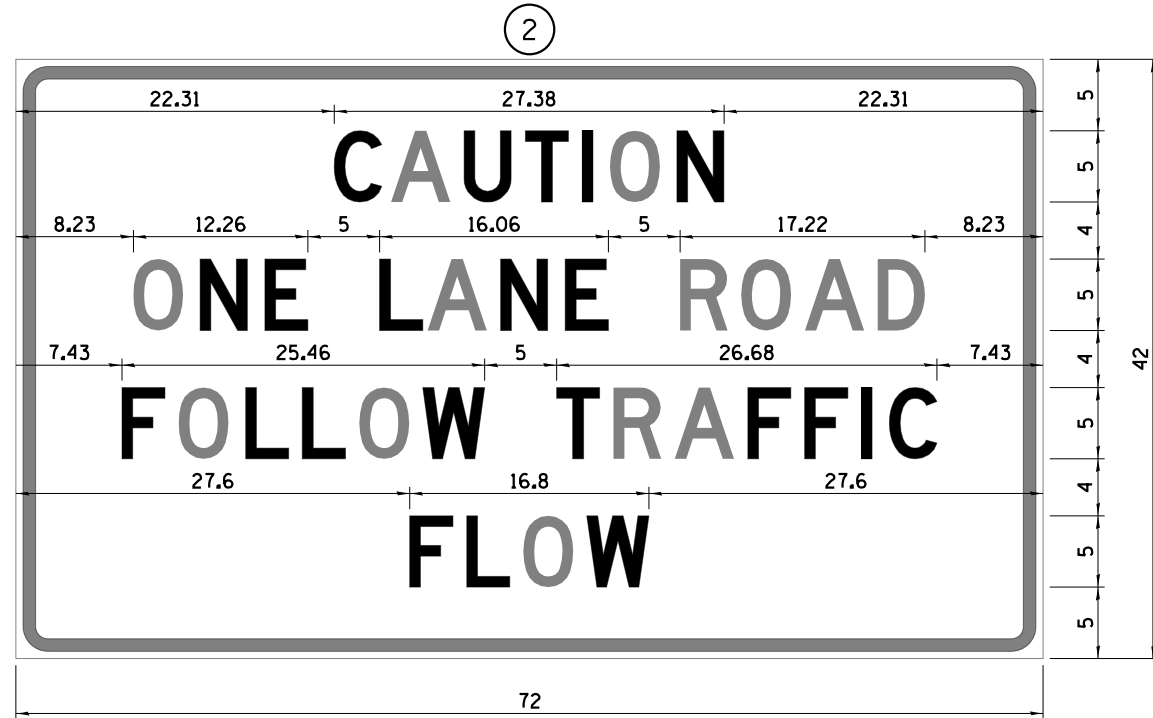
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

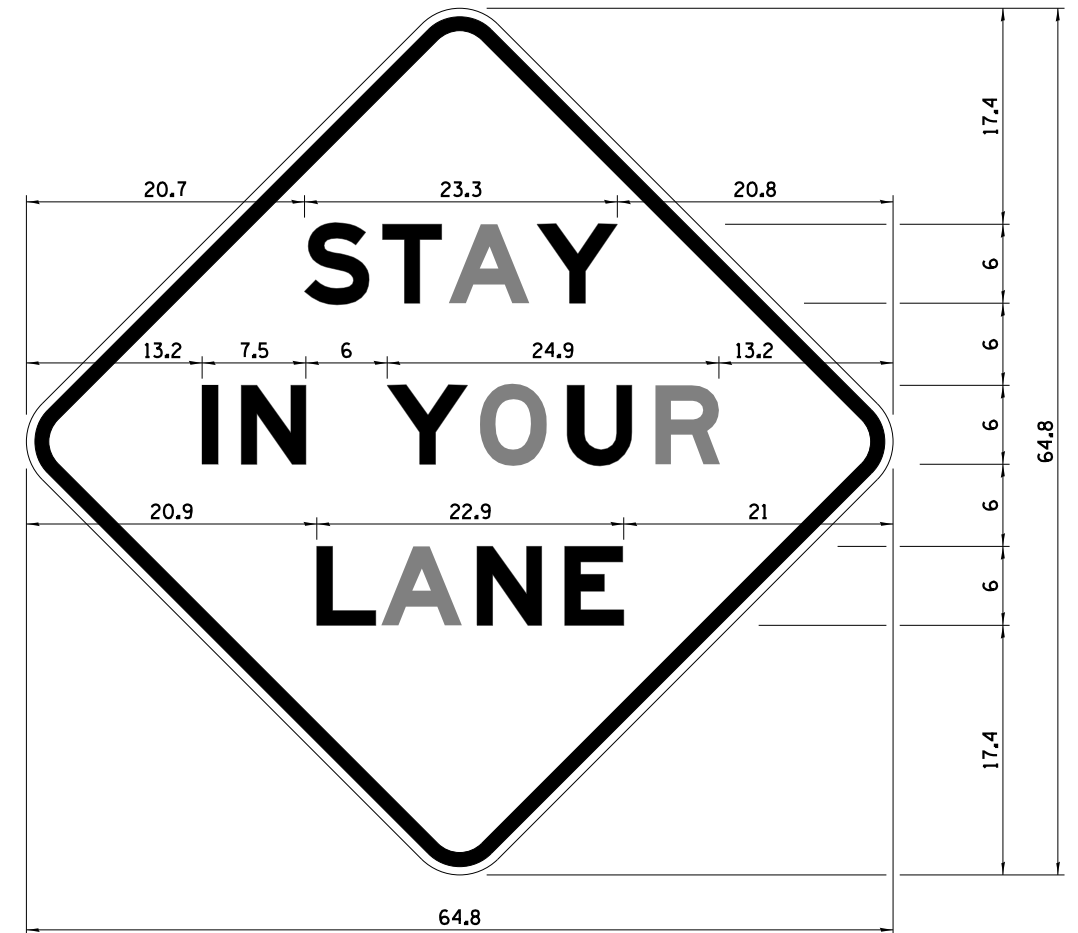
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1RS	STEPHENSON	22	17
CONTRACT NO. 64N59				

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS



STAY IN YOUR LANE



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	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.

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 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

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

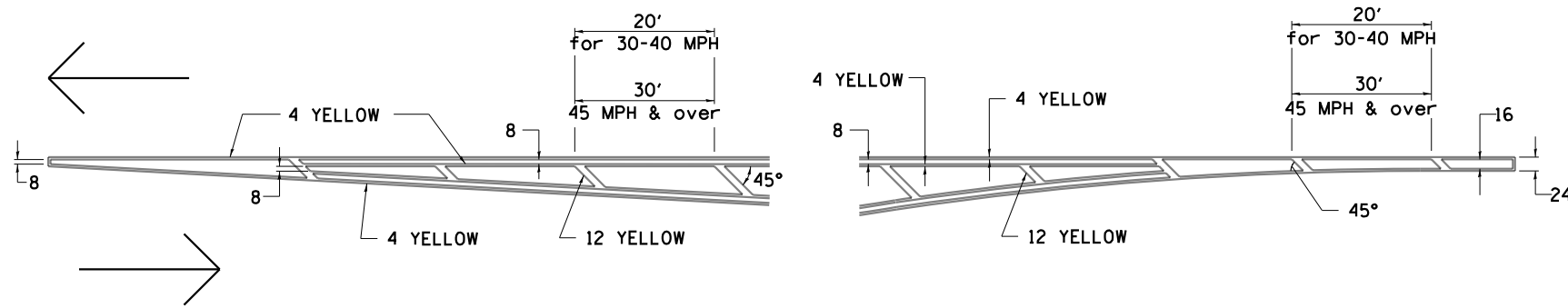
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

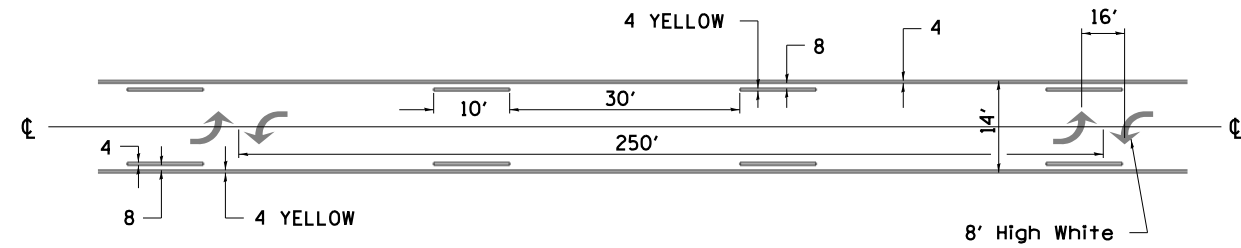
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1RS	STEPHENSON	22	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64N59	

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

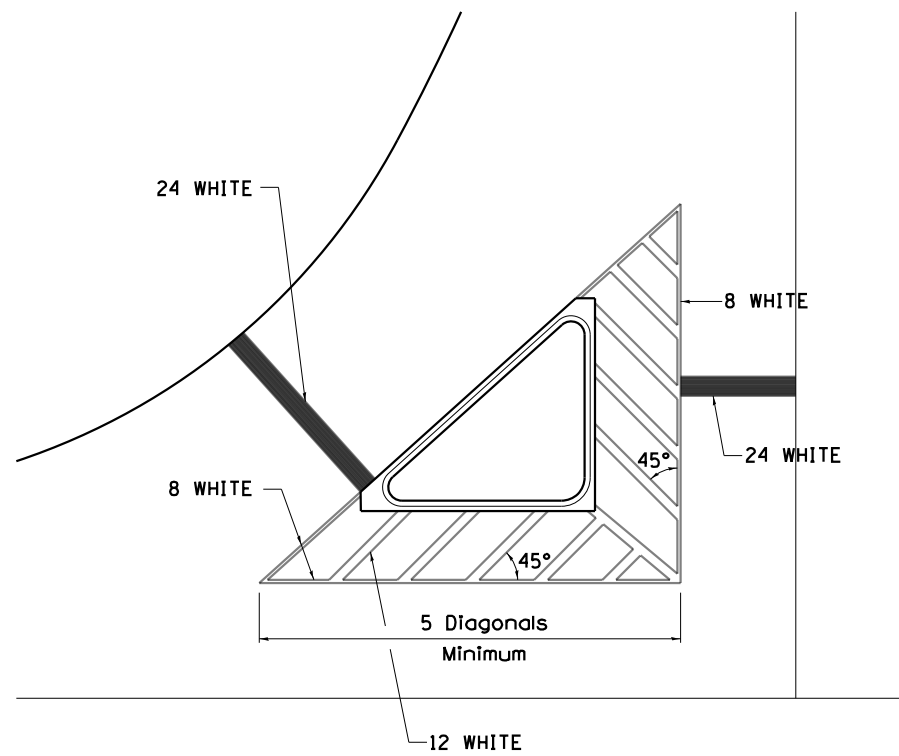


MEDIAN PAVEMENT MARKING



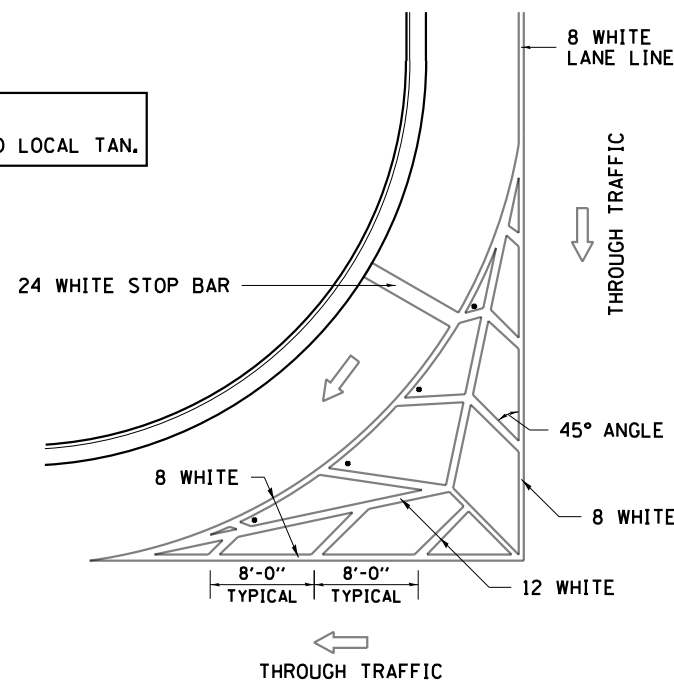
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



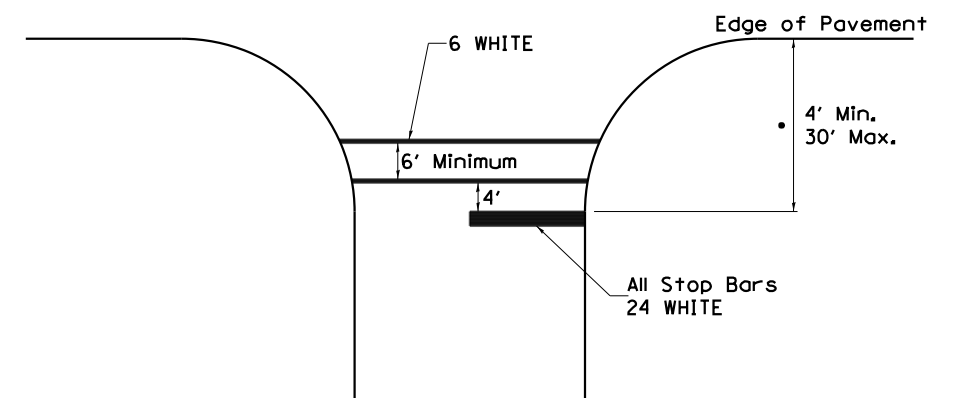
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



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

FILE NAME: p:\pub\baronm\dat\illinois.gov\PHUDOT\Documents\DOT_Offices\District 2\Projects\64N59\Program_Development\Studies & Plans\Design\CADD\Caddsheet102_64N59-std.dwg

USER NAME = hogensonjd	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 3-05-12
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PLOT DATE = 2/4/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

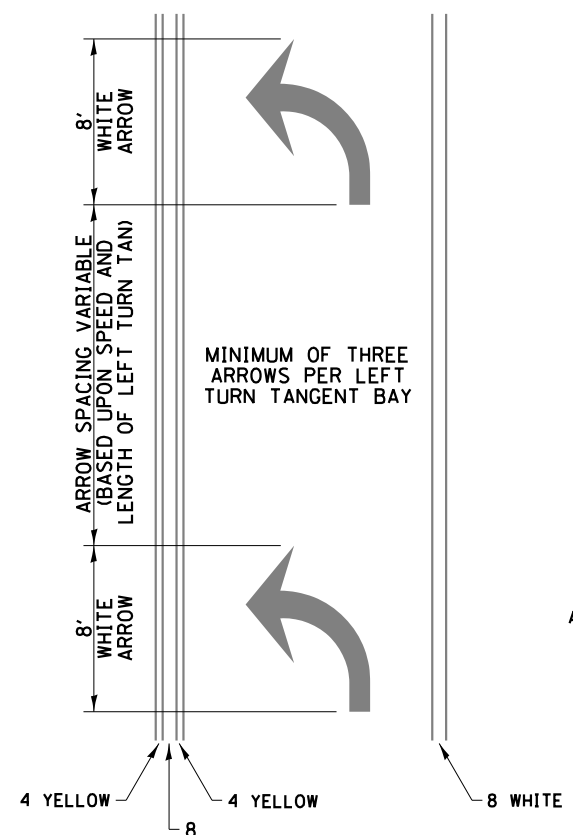
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1R5	STEPHENSON	22	19
CONTRACT NO. 64N59				

TYPICAL PAVEMENT MARKINGS

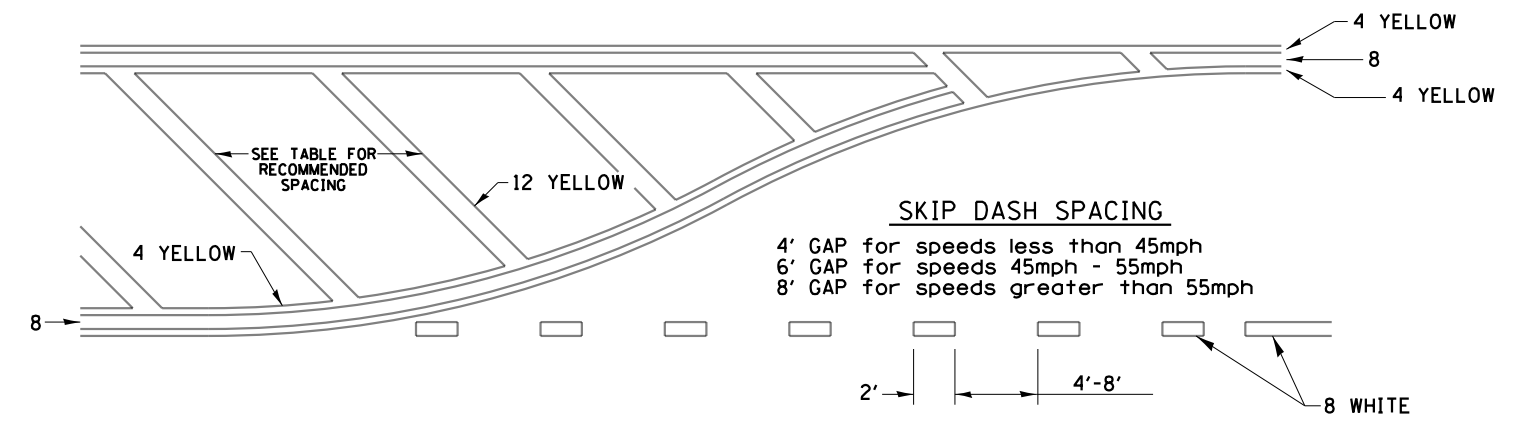
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

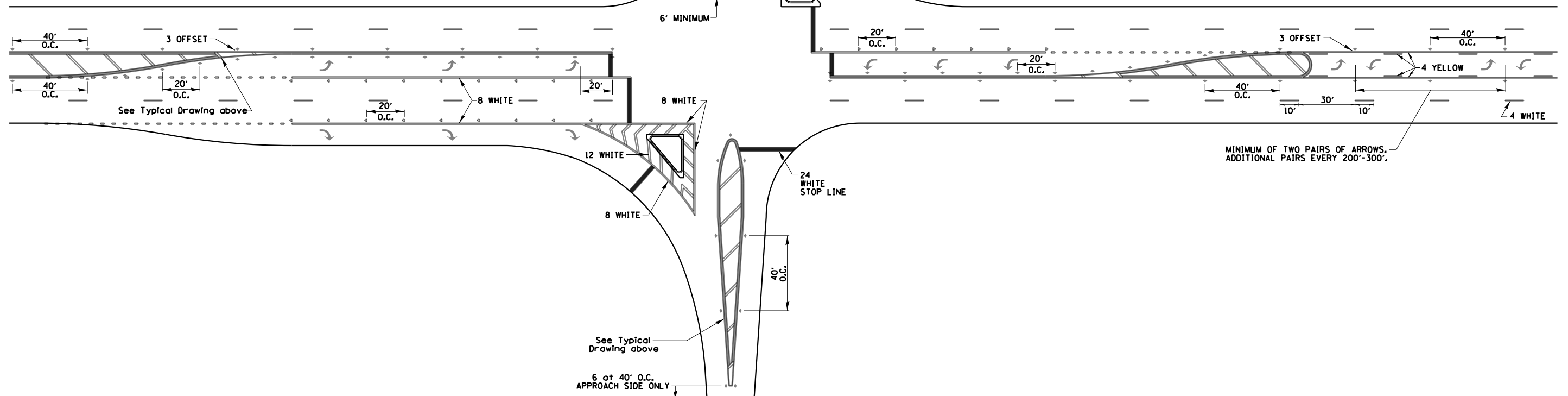
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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:\pub\pavroom\dat\illinois\dot\Documents\DOT_Offices\District 2\Projects\64N59\Program_Development\Studies & Plans\Design\CADD\CAD\Sheet\02_64N59-sch-draw1.dgn

USER NAME = hogensonjd	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 3-05-12
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2020	DATE -	REVISED -

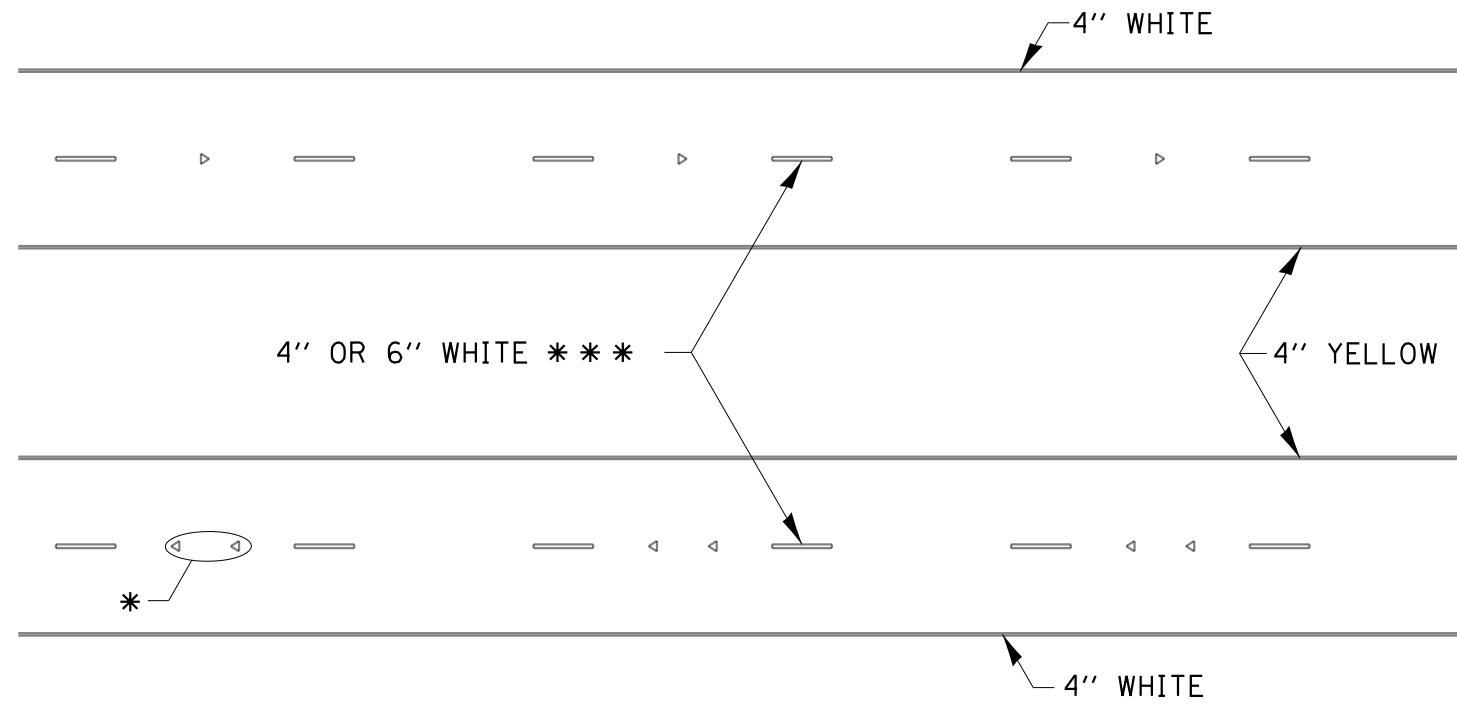
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

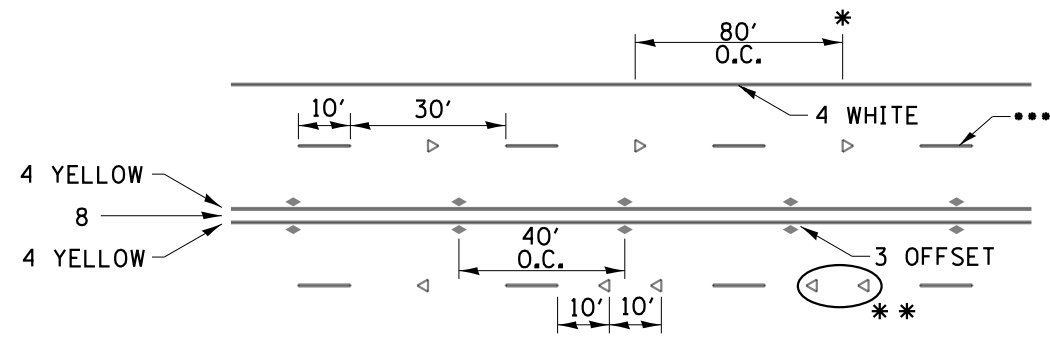
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1R5	STEPHENSON	22	20
CONTRACT NO. 64N59			ILLINOIS FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS



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

MULTI-LANE / DIVIDED

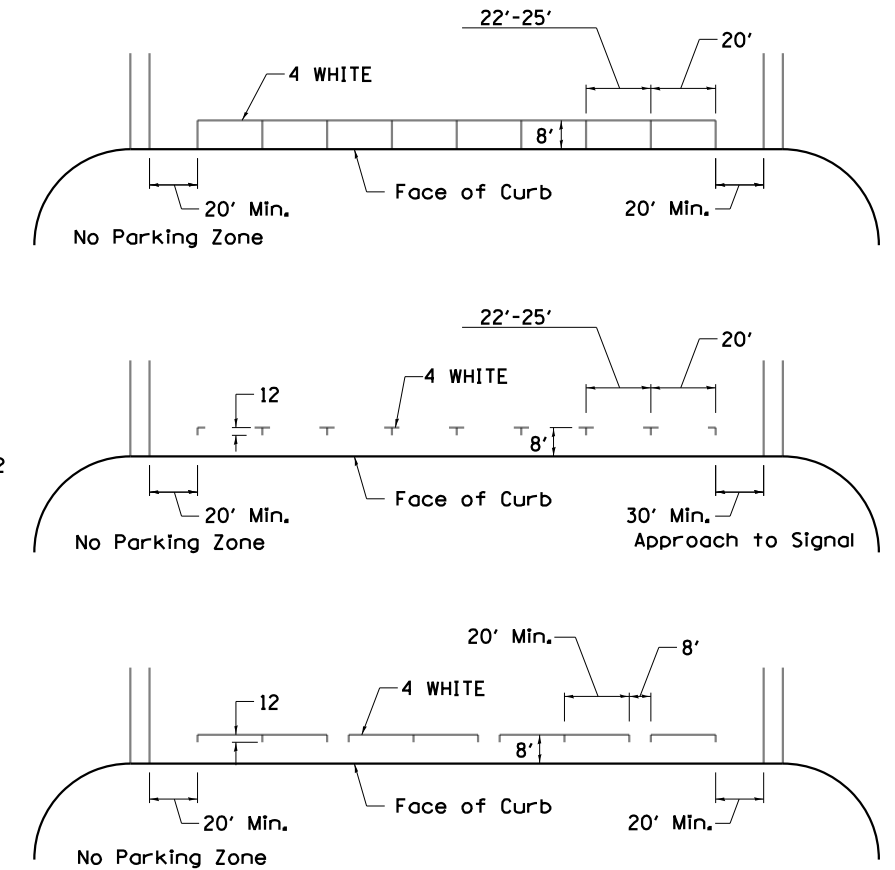


- REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- USE DOUBLE MARKERS WHEN ADT ≥ 20,000
- CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

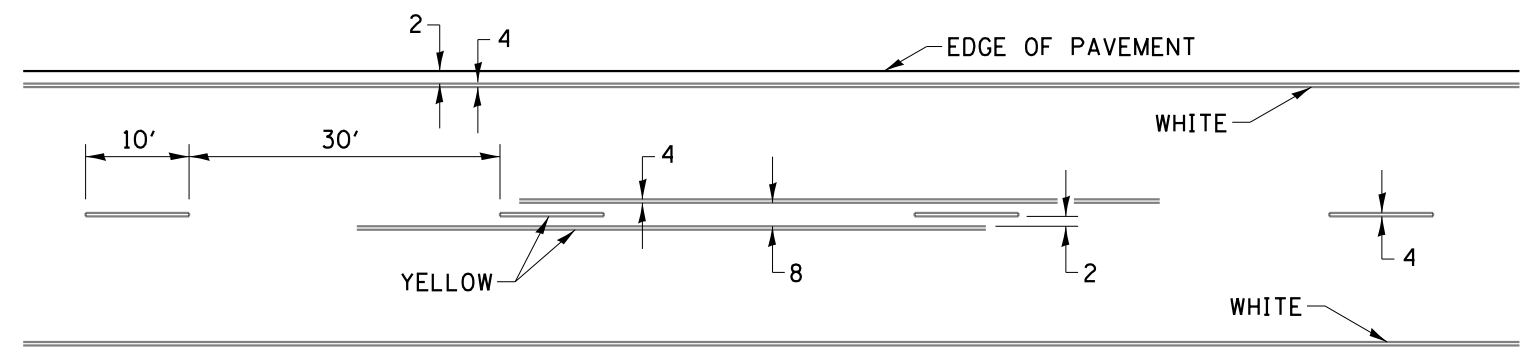
MULTI-LANE / UNDIVIDED & ONE WAY

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

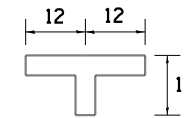
TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



SYMBOLS



FILE NAME: s:\pub\baronon.dwg; I:\links\gov\PIWDOT\Documents\DOT_Offices\District 2\Projects\64N59\Program_Development\Studies & Plans\Design\CADD\CAD\Sheet\02_64N59-std-detailed.dwg

USER NAME = hogensonjd	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 8-27-13
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 11-28-12
PLOT DATE = 2/4/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

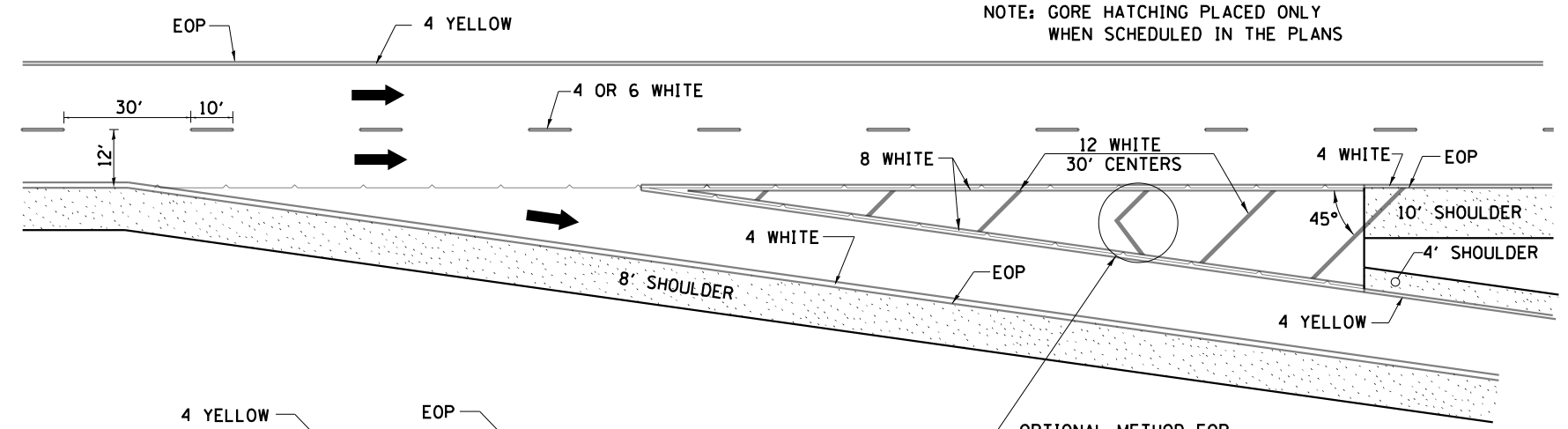
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1RS	STEPHENSON	22	21
CONTRACT NO. 64N59				

PAINING DETAILS

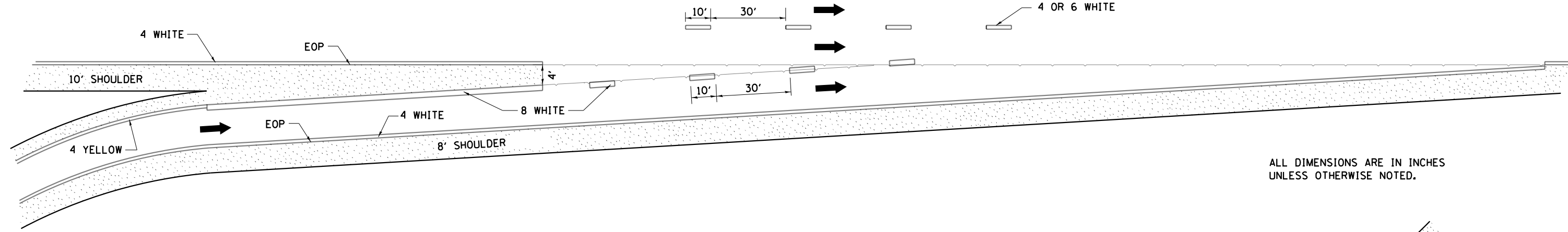
CENTERLINE SKIP DASH PAVEMENT MARKING WIDTH SHALL BE 4" WHEN THE POSTED SPEED LIMIT IS UNDER 40 MPH AND 6" WHEN THE POSTED SPEED LIMIT IS 40 MPH AND OVER.

EXIT RAMP

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

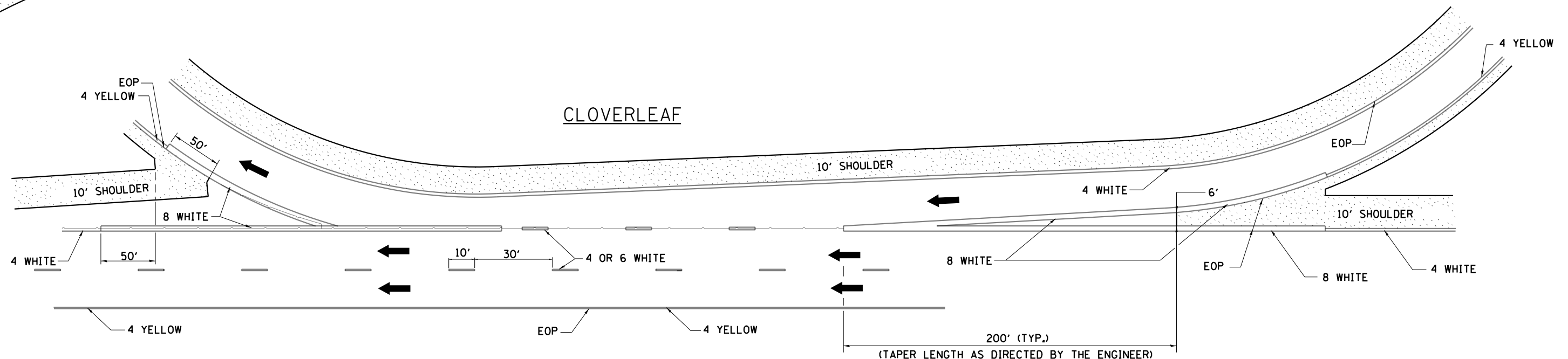


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CLOVERLEAF



FILE NAME: s:\pub\baron\ad\illinois\p\DOT\Documents\DOT_Offices\District_2\Projects\64N59\Program_Development\Studies & Plans\Design\CADD\Caddsheet\02_64N59-sch-details.dgn

USER NAME = hogensonjd	DESIGNED -	REVISED - 8-27-13
	DRAWN -	REVISED - 10-18-11
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-(3,4,4-1)-1RS	STEPHENSON	22	22
CONTRACT NO. 64N59				