

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

**FAS ROUTE 229 (MIDLAND RD)
SECTION (1MFT, 16MFT)RS
PROJECT STP-DEWC(629)
HENRY COUNTY
W SOUTH ST IN KEWANEE TO US 34
PATCHING, MILLING & DESIGNED OVERLAY**

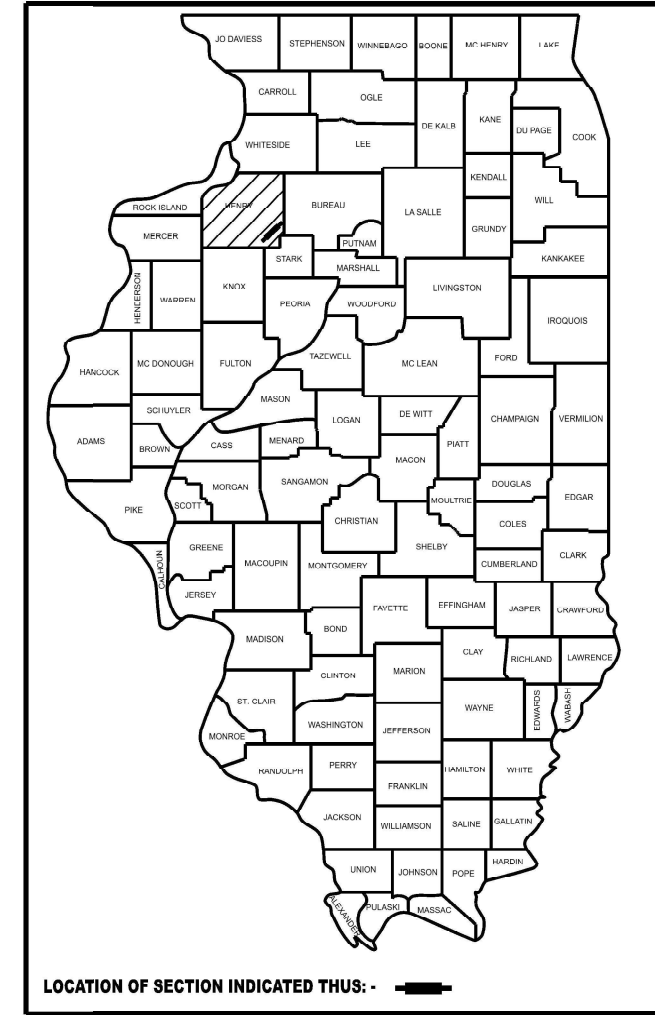
C-92-055-24

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

F.A.S. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT, 16MFT)RS	HENRY	24*	1
		ILLINOIS	CONTRACT NO. 64T18	

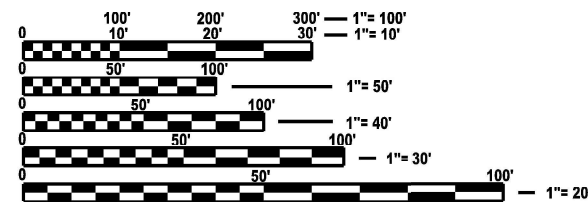
*24 + 1 = 25 TOTAL SHEETS

D-92-071-24



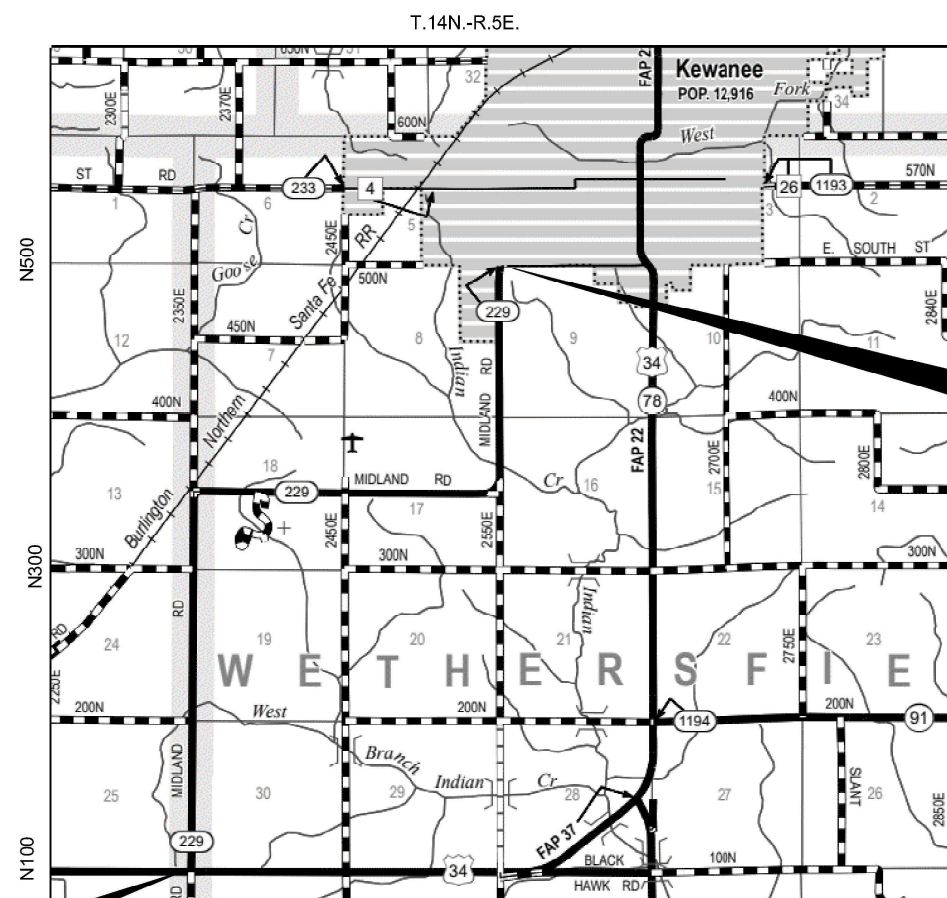
LOCATION OF SECTION INDICATED THUS: - [Symbol] -

**WETHERFIELD TOWNSHIP SECTIONS (8,9,16,17,18,19,30)
GALVA TOWNSHIP SECTIONS (13,24,25)**



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

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



PROJECT ENDS
STA. 316+12.91

PROJECT ENGINEER: CHAD SPREEMAN
PROJECT MANAGER: TRACI DUDEN (815)-284-5932
E-MAIL: Traci.Duden@illinois.gov
CONTRACT NO. 64T18

**PROJECT BEGINS
STA. 0+00**

GROSS LENGTH = 36,113 FT. = 6.84 MILE
NET LENGTH = 36,113 FT. = 6.84 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 12 20 24

Juha Thompson
REGIONAL ENGINEER

May 10, 2024 *[Signature]*
ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2024 *[Signature]*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

1	COVER SHEET
2	INDEX / HIGHWAY STANDARDS
3 - 5	SUMMARY OF QUANTITIES
6	GENERAL NOTES
7 - 8	TYPICAL SECTIONS
9 - 10	SCHEDULE OF QUANTITIES
11	PAVING SCHEDULE
12	ENTRANCE SCHEDULE
13 - 14	SIGNING SCHEDULE
15	PAVEMENT MARKING SHEET
16	RUMBLE RESURFACING (91.4)
17 - 20	WORK ZONE SIGN DETAILS (34.1)
21 - 24	TYPICAL PAVEMENT MARKINGS (41.1)
25	GUARDRAIL AND BARRIER WALL REFLECTORS, TYPE C (SPECIAL) (55.1)

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006-00	DECIMAL OF AN INCH AND A FOOT
442201-03	CLASS C AND D PATCHES
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701901-09	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT\011\Organization\Civil\DOT_Standards\Ceil\DOT_Standards.dwg

USER NAME = Eric.Tlorias	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND HIGHWAY STANDARDS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -			229	(1MFT,16MFT)RS	HENRY	25	2	
PLOT DATE = 12/7/2022	CHECKED -	REVISED -			CONTRACT NO. 64T18					
	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	ROADWAY
				0005 RURAL	0005 URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	52077	47886	4191
40600370	LONGITUDINAL JOINT SEALANT	FOOT	31585	28945	2640
40600900	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50	TON	60	55	5
40600990	TEMPORARY RAMP	SQ YD	116	58	58
40603080	HOT-MIX ASPHALT BINDER COURSE, IL- 19.0, N50	TON	9578	8802	776
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	7003	6436	567
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	154	154	0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	3861	3861	0
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	73993	67833	6160
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	75	65	10
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	220	198	22
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	1200	1080	120
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2779	2552	227
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5	0

*SPECIALTY ITEMS

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\DOT_Standards\Civil\DOT_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	3
CONTRACT NO. 64T18				
ILLINOIS FED.AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY
				0005 RURAL	0005 URBAN
67100100	MOBILIZATION	L SUM	1	1	0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	0
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	30	15	15
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6317	5777	540
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	822	694	128
* 72000100	SIGN PANEL - TYPE 1	SQ FT	316.5	238	78.5
* 72000200	SIGN PANEL - TYPE 2	SQ FT	74.9	74.9	0
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	213.4	125	88.4
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	74.9	74.9	0
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	96	96	0
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	126	98	28
* 73000100	WOOD SIGN SUPPORT	FOOT	570	493	77

*SPECIALTY ITEMS

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization\Civil\DOT_Standards\Civil\DOT_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	4
ILLINOIS FED.AID PROJECT			CONTRACT NO. 64T18	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY
				0005 RURAL	0005 URBAN
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	102658	91384	11274
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	349	0	349
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	374	0	374
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	34	0	34
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	102658	91384	11274
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	349	0	349
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	374	0	374
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	34	0	34
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	34	19	15
X4401196	HOT-MIX ASPHALT SURFACE REMOVAL - LONGITUDINAL JOINT	SQ YD	7019	6432	587
* X7820007	GUARDRAIL REFLECTORS, TYPE C (SPECIAL)	EACH	24	24	0
Z0034105	MATERIAL TRANSFER DEVICE	TON	16128	14785	1343
Z0055100	RUMBLE RESURFACING	SQ YD	200	100	100

*SPECIALTY ITEMS

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\DOT_Standards\Ceill\DOT_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	5
ILLINOIS FED.AID PROJECT			CONTRACT NO. 64T18	

GENERAL NOTES

The contractor shall notify Traffic Operations a minimum of 5 working days prior to placing permanent pavement marking or signing.

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

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

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

The following Mixture Requirements are applicable for this project:

Location and Mixture Use(s):	Mainline and Shoulder		Patching
	Surface	Binder	
PG:	PG 58-28	PG 58-28	PG 58-28
Design Air Voids:	4.0 @ N50	4.0 @ N50	4.0 @ N70
Mixture Composition:	IL 9.5	IL 19.0	IL 19.0
Friction Aggregate:	C	N/A	N/A
Mixture Weight:	112 lb/sq/in	N/A	N/A
Quality Management Program:	QCP	QCP	QC/QA
Sublot Size:	1,000	1,000	N/A
Material Transfer Device	Yes	Yes	N/A

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:

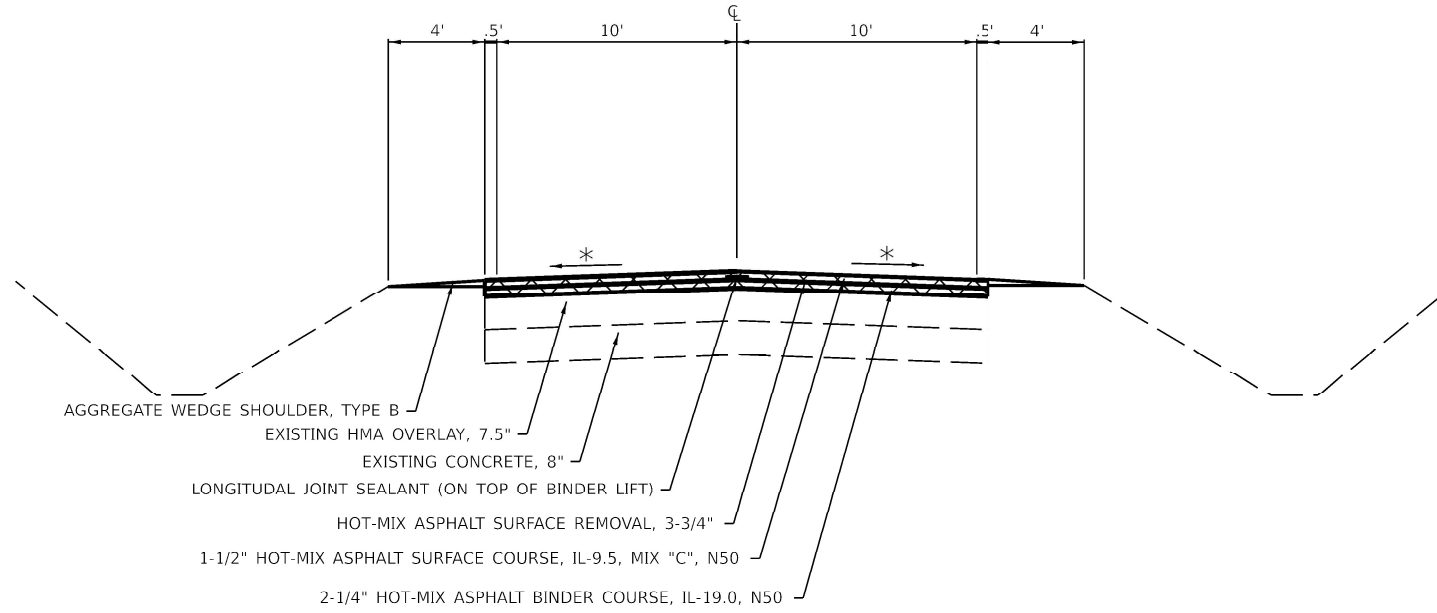
1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

Call JULIE at 1-800-892-0123 before any excavation or sign installment.

FILE NAME = 64T18.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISED -			FAS 229	(1MFT, 16MFT)RS	Henry	25	6		
	PLOT SCALE =	CHECKED -	REVISED -			CONTRACT NO. 64T18						
	PLOT DATE = 3/12/2024 11:26 AM	DATE - 3/11/2024 2:32 PM	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS

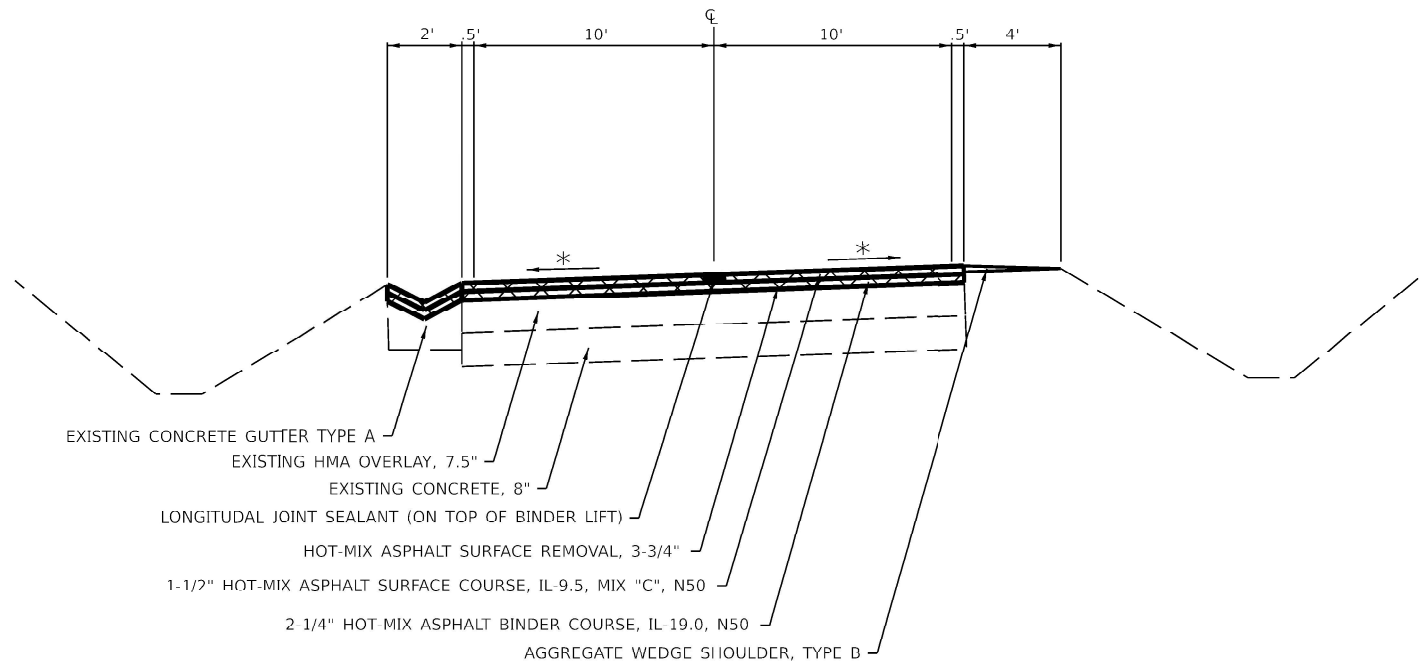
MIDLAND RD.

STA. 0+15 - 130+61
 STA. 134+63 - 232+99
 STA. 242+24 - 316+00



MIDLAND RD.

STA. 130+61 - 134+63
 STA. 232+99 - 242+24



* MATCH EXISTING, CROSS SLOPE
 HMA UNIT WEIGHT 112 LBS/ SQ YD/ IN

MODEL: Default
 PLOT DATE: 3/12/2024
 FILE: \\midwest-pw-bentley.com\PROJECTS\DOT_0_csd\District_2\03D_Projects\64T18\Drawings\02_64T18-418-Typical.dwg

USER NAME = C:\sitem\roses	DESIGNED -	REVISED -
PLOT SCALE = 1/8"=1'-0"	DRAWN -	REVISED -
PLOT DATE = 3/12/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

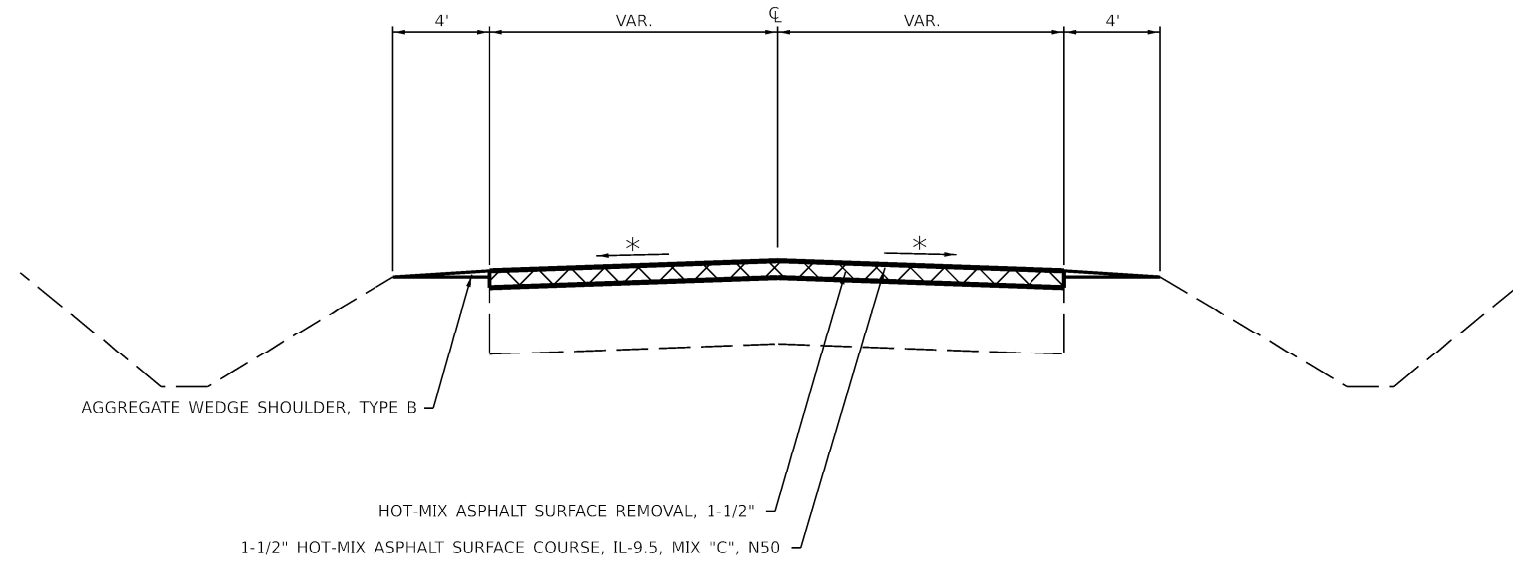
TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	7
CONTRACT NO. 64T18			ILLINOIS FED. AID PROJECT	

SIDE ROADS

N 200TH AVE
 N 300TH AVE
 F 2450TH STRFFFT
 PINE TREE RD
 E 2450TH AVE
 E 2550TH STREET



* MATCH EXISTING, CROSS SLOPE
 HMA UNIT WEIGHT 112 LBS/ SQ YD/ IN

MODEL: Default
 PLOT DATE: 3/12/2024
 FILE: \\p01idct-pw-bentley.com\RWIDOT\Documents\DOT_C_csd\District_203D_Projects\64T18\Project\Development\Studies & Plans\Design\CADD\CAD\Sheet\02_64T18-LL-TYPICAL.dgn

USER NAME = Crisliem.Roses	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PILOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -
PLOT DATE = 3/12/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:		TYPICAL SECTION	
		SHEET	OF SHEETS
STA.	TO STA.		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	8
CONTRACT NO. 64T18				
ILLINOIS FED. AID PROJECT				

44201741 CLASS D PATCHES, TYPE II, 8 INCH

SQ YD	LOCATION	OFFSET	REMARKS
	Rural		
65			TO BE USED AS DIRECTED BY RE/TE
	Urban		
10			TO BE USED AS DIRECTED BY RE/TE
75	TOTAL		

44201745 CLASS D PATCHES, TYPE III, 8 INCH

SQ YD	LOCATION	OFFSET	REMARKS
	Rural		
198			TO BE USED AS DIRECTED BY RE/TE
	Urban		
22			TO BE USED AS DIRECTED BY RE/TE
220	TOTAL		

44201747 CLASS D PATCHES, TYPE III, 8 INCH

SQ YD	LOCATION	OFFSET	REMARKS
	Rural		
1080			TO BE USED AS DIRECTED BY RE/TE
	Urban		
120			TO BE USED AS DIRECTED BY RE/TE
1200	TOTAL		

70300100 SHORT TERM PAVEMENT MARKING

FOOT	LOCATION	OFFSET	REMARKS
	Rural		
5777	00+15	- 289+00	Centerline (Yellow) Binder & Surface Lift
	Urban		
540	289+00	- 316+00	Centerline (Yellow) Binder & Surface Lift
6317	TOTAL		

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

SQ FT	LOCATION	OFFSET	REMARKS
	Rural		
694	00+15	- 289+00	Centerline (Yellow) Binder & Surface Lift
	Urban		
128	289+00	- 316+00	
822	TOTAL		

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

FOOT	LOCATION	OFFSET	REMARKS
	Rural		
57770	00+15	- 289+00.0	EDGE LINES - WHITE
1079	00+15	- 43+30	SKIP DASH - YELLOW
1055	43+30	- 51+74	NO PASSING RIGHT - YELLOW
3486	51+74	- 69+17	NO PASSING - YELLOW
858	69+17	- 76+03	NO PASSING LEFT - YELLOW
647	76+03	- 101+90	SKIP DASH - YELLOW
463	101+90	- 105+60	NO PASSING RIGHT - YELLOW
11510	105+60	- 163+15	NO PASSING - YELLOW

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" CONTINUED

FOOT	LOCATION	OFFSET	REMARKS
	Rural		
1189	163+15	- 172+66	NO PASSING LEFT - YELLOW
805	172+66	- 204+86	SKIP DASH - YELLOW
990	204+86	- 212+78	NO PASSING RIGHT - YELLOW
6336	212+78	- 244+46	NO PASSING - YELLOW
990	244+46	- 252+38	NO PASSING LEFT - YELLOW
343	252+38	- 266+11	SKIP DASH - YELLOW
1189	266+11	- 275+62	NO PASSING RIGHT - YELLOW
2676	275+62	- 289+00	NO PASSING - YELLOW
91384	Rural Subtotal		
	Urban		
5400	289+00	- 316+00	EDGE LINES - WHITE
4826	289+00	- 313+13	NO PASSING - YELLOW
1048	313+13	- 315+75	MEDIAN - YELLOW
11274	Urban Subtotal		
102658	TOTAL		

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

FOOT	LOCATION	OFFSET	REMARKS
	Urban		
159	315+53	- 315+98	ISLAND EDGES - WHITE
190	315+56	- 316+04	ISLAND EDGES - WHITE
349	TOTAL		

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

FOOT	LOCATION	OFFSET	REMARKS
	Urban		
90	311+41	- 315+72	MEDIAN DIAGONALS - YELLOW
177	315+53	- 315+98	ISLAND DIAGONALS - WHITE
107	315+56	- 316+04	ISLAND DIAGONALS - WHITE
374	TOTAL		

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

FOOT	LOCATION	OFFSET	REMARKS
	Urban		
22	315+53	- 315+73	ISLAND DIAGONALS - WHITE
12	315+70		ISLAND DIAGONALS - WHITE
34	TOTAL		

78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION	OFFSET	REMARKS
	Rural		
6	130+61	- 134+63	Two-Way Amber
13	232+99	- 242+24	Two-Way Amber
19	Rural Subtotal		
	Urban		
15	313+13	- 315+75	Two-Way Amber
34	TOTAL		

X7820007 GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

EACH	LOCATION	OFFSET	REMARKS
	Rural		
6	55+10	- 59+60	RT
6	55+98	- 60+52	LT
7	146+62	- 152+12	RT

See D.S. 55.1 & 782006 For Details & Layout

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\DOT_Standards\Civil\DOT_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = 12/7/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)	HENRY	25	9
CONTRACT NO. 64T18			ILLINOIS FED. AID PROJECT	

X7820007 GUARDRAIL REFLECTORS, TYPE C (SPECIAL) CONTINUED

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	<u>Rural</u>		See D.S. 55.1 & 782006 For Details & Layout
6	147+36 - 152+36	LT	
24	TOTAL		

Z0055100 RUMBLE RESURFACING

<u>SQ YD</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	<u>Rural</u>		
100	00+15		D.S 91.4
	<u>Urban</u>		
100	315+70		D.S 91.4
200	TOTAL		

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\DOT_Standards\Civil\DOT_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)	HENRY	25	10
CONTRACT NO. 64T18			ILLINOIS FED.AID PROJECT	

Location	Remarks	Length			40600290	40600370	40600900	40600990	40603080	40604050	44000155	44000164	48102100	X4401196	Z0034105
			Width	Sq Yd	Bituminous Materials Tack Coat	Longitudinal Joint Sealant	HMA Binder Cse H M, N50	Temporary Ramp	HMA Binder Cse IL-19.0, N50	HMA Surf Cse IL-9.5 Mix "C" N50	HMA Surface Removal 1-1/2"	HMA Surface Removal 3-3/4"	Aggregate Wedge Shoulder Type B	HMA Surface Removal Long. Joint	Material Transfer Device
			POUND	Foot	TON	Sq Yd	TON	TON	Sq Yd	Sq Yd	TON	Sq Yd	TON		
Mainline															
Midland Road															
Rural															
Sta.	0 + 15 - 130 + 61	13046	21	30441	20711	13046	25	58	3836	2801		30441	1122	2899	6636
Sta.	130 + 61 - 134 + 63	402	23	1027	698	402	1		129	94		1027	35	89	223
Sta.	131 + 62 - 133 + 70	208											18		
Sta.	134 + 63 - 232 + 99	9836	21	22951	15615	9836	19		2892	2111		22951	846	2186	5003
Sta.	232 + 99 - 242 + 24	925	23	2364	1607	925	2		298	216		2364	80	206	514
Sta.	242 + 24 - 289 + 00	4736	21	11051	7518	4736	9		1392	1017		11051	407	1052	2409
		Rural Subtotal			46149	28945	55	58	8547	6238	0	67833	2507	6432	14785
Urban															
Sta.	289 + 60 - 316 + 00	2640	21	6160	4191	2640	5	58	776	567		6160	227	587	1343
		Urban Subtotal			4191	2640	5	58	776	567	0	6160	227	587	1343
		Total Mainline			50340	31585	60	116	9323	6805	0	73993	2734	7019	16128
Side Roads															
N 200th St															
Lt Sta		HMA	20	VAR.	99	44			12	10	99		1		
N 300th St															
Lt Sta		HMA	25	VAR.	215	97			27	21	215		2		
E 2350th St															
Lt Sta		HMA	238	VAR.	492	221			62	48	492		15		
Lt Sta		HMA	175	VAR.	409	184			52	40	409		11		
Pine Tree Rd															
Rt. Sta		HMA	20	VAR.	199	90			25	20	199		1		
E 2450 th St															
Rt Sta		HMA	25	VAR.	116	52			15	11	116		2		
E 2550th St															
Rt Sta.		HMA	100	VAR.	246	111			31	24	246		6		
Rt Sta		HMA	115	VAR.	247	111			31	24	247		7		
		Total Sideroads RURAL			911	0	0	0	255	198	2024	0	45	0	0
		Rural Total			47060	28945	55	58	8802	6436	2024	67833	2552	6432	14785
		Urban Total			4191	2640	5	58	776	567	0	6160	227	587	1343
		TOTAL			51251	31585	60	116	9578	7003	2024	73993	2779	7019	16128

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization\ChivilDOT_Standards\Civil\DOT_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)	HENRY	25	11
CONTRACT NO. 64T18				
ILLINOIS FED.AID PROJECT				

ENTRANCES

LOCATION			EXISTING SURFACE CONDITION	AREA	40600290	40800050	44000155
					BIT MAT (TACK COAT)	INC HMA SURFACE	HMA SURFACE REM, 1 1/2"
STA	RT/LT	REMARKS	FOOT	SQ YD	POUND	TON	SQ YD
2+72	LT	CE	CONC				
4+00	LT	CE	CONC				
6+93	RT	FE	AGG				
18+56	RT	FE	AGG				
26+78	RT	FE	AGG				
35+00	RT	FE	AGG				
37+69	LT	FE	AGG				
40+00	RT	FE	AGG				
53+42	RT	PE	HMA	71.7	32.3	6.0	71.7
65+52	RT	FE	AGG				
68+40	RT	FE	AGG				
72+66	LT	FE	AGG				
93+15	RT	FE	AGG				
102+09	RT	FE	AGG				
132+64	LT	MB TURNOUT - E 2350 ST	HMA	31.3	14.1	2.6	31.3
134+38	LT	PE / MB TURNOUT	HMA	254.3	114.5	21.4	254.3
136+05	RT	CE - Golf Course	HMA	94.1	42.4	7.9	94.1
140+32	LT	PE / MB TURNOUT	HMA	67.6	30.4	5.7	67.6
145+59	LT	FE	AGG				
169+40	RT	FE	HMA - 6'	23.9	10.8	2.0	23.9
171+65	RT	PE	HMA	41.9	18.9	3.5	41.9
171+65	LT	MB TURNOUT	HMA	54.2	24.4	4.6	54.2
178+18	LT	PE	HMA	47.4	21.3	4.0	47.4
179+40	LT	PE / MB TURNOUT	HMA	66.0	29.7	5.5	66.0
183+45	LT	PE / MB TURNOUT	HMA	68.7	30.9	5.8	68.7
184+98	LT	PE	HMA	100.7	45.3	8.5	100.7
189+28	LT	FE	AGG				
198+20	LT	CE - Airport	HMA	128.2	57.7	10.8	128.2
202+19	LT	CE	CONC				
208+67	RT	PE	HMA	80.6	36.3	6.8	80.6
210+73	RT	PE	HMA	41.2	18.6	3.5	41.2
211+84	RT	PE	HMA	71.9	32.4	6.0	71.9
211+94	LT	PE	HMA	94.1	42.3	7.9	94.1
225+88	RT	PE	HMA	52.0	23.4	4.4	52.0
257+86	RT	PE / MB TURNOUT	HMA	107.9	48.5	9.1	107.9
265+96	LT	PE	HMA	65.0	29.2	5.5	65.0
266+15	RT	MB TURNOUT	HMA	36.9	16.6	3.1	36.9
274+47	RT	FE	AGG				
277+00	LT	FE	AGG				
282+81	RT	PE / MB TURNOUT	HMA	87.0	39.2	7.3	87.0
283+55	LT	PE	HMA	42.8	19.2	3.6	42.8
283+85	RT	MB TURNOUT	HMA	48.7	21.9	4.1	48.7
284+34	LT	PE	HMA	58.4	26.3	4.9	58.4
289+58	RT	FE	AGG				
312+33	LT	CE	CONC				
315+17	RT	FE	AGG				
TOTALS					826	154	1,837

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\DOT_Standards\Civil\DOT_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)	HENRY	25	12
CONTRACT NO. 64T18				
		ILLINOIS	FED. AID PROJECT	

MODEL: SHT_PLAN
 FILE NAME: C:\Bentley\CONNECT1011\Organization\Civil\DOT_Standards\Civil\DOT_Sheets.dwg

Sta	Side	Common Name of Sign	Sign Code	Size Hor (in)	Size Ver (in)	72000100	72000200	72400310	72400320	72400710	72800100	72800100	73000100	Notes
						SIGN PANEL TYPE 1 (SQ.FT)	SIGN PANEL TYPE 2 (SQ.FT)	REMOVE SIGN PANEL Type 1 (SQ.FT)	REMOVE SIGN PANEL TYPE 2 (SQ.FT)	RELOCATE SIGN PANEL TYPE I (SQ.FT)	TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 in)	TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 1/4 in)	WOOD SIGN SUPPORT (FOOT)	
5+07	E	STOP AHEAD	W3-1	36	36			9.00						Remove signs and post. Will re-use Speed Limit
6+65	W	STOP AHEAD	W3-1	36	36					9.00			17.0	Move north so that it is 650' before STOP sign
		US 34	W17-100	30	9					1.90				
6+65	E	STOP AHEAD	W3-1	36	36	9.00							17.0	Move north so that it is 650' before STOP sign
		Speed limit 55	R2-1	30	36					7.50				
9+29	W	STOP AHEAD	W3-1	36	36			9.00						Remove sign and post
43+08	E	No Passing Zone	W14-3	64	48		10.70		10.70				16.0	
45+72	E	Left Side Road	W2-2L	36	36			9.00						Remove signs and post
		200 N	W17-1100	30	9			1.90						
47+31	E	Left Side Road	W2-2L	36	36	9.00							17.0	650' south of intersection
		200 N	W17-1100	30	9	1.90								
53+12	W	STOP	R1-1	36	36	9.00		6.30						at 200 N
75+82	E	No Passing Zone	W14-3	64	48		10.70		10.70				16.0	
102+22	W	No Passing Zone	W14-3	64	48		10.70		10.70				16.0	
106+44	W	STOP	R1-1	36	36	9.00		6.30			9.0	5.0		at 300 N
127+04	E	Curve Rt with tangent sideroad	W1-10BR	36	36					9.00			18.0	Relocate 100 feet north (375 before curve)
		2350 E	W17-1100	30	9					1.90				
		25 mph advisory plate	W13-1	24	24					4.00				
131+26	W	STOP	R1-1	36	36	9.00		6.30			9.0	5.0		At 2350 E
133+90	N	STOP	R1-1	36	36	9.00		6.30			18.0	10.0		At 350 N
		Large Left Arrow	W1-6L	48	24	8.00								
		25 mph advisory plate	W13-1	24	24	4.00								
135+48	W	Chevron	W1-8	24	30	5.00							14.0	80 foot chevron spacing
134+42	W	Chevron	W1-8	24	30	5.00							14.0	
		Chevron	W1-8	24	30	5.00								
133+89	W	Chevron	W1-8	24	30	5.00							14.0	
132+31	W	Chevron	W1-8	24	30	5.00							14.0	
		Chevron	W1-8	24	30	5.00								
131+25	N	Chevron	W1-8	24	30	5.00							14.0	
130+20	N	Chevron	W1-8	24	30	5.00							14.0	
		Chevron	W1-8	24	30	5.00								
129+14	N	Chevron	W1-8	24	30	5.00							14.0	
139+70	N	Curve left with tangent sideroad	W1-10BL	36	36					9.00			18.0	Relocate 270 feet west
		2350 E	W17-1100	30	9					1.90				
		35 mph advisory plate	W13-1P	24	24					4.00				
141+81	N	Club Entrance	WSPC	36	36					9.00			16.0	Relocate 100 feet east
155+55	S	STOP	R1-1	36	36	9.00		6.30			9.0	5.0		At 2391 E
172+44	S	No Passing Zone	W14-3	64	48		10.70		10.70				16.0	
198+32	N	STOP	R1-1	36	36	9.00		6.30			9.0	5.0		At Kewanee Airport
204+12	N	No Passing Zone	W14-3	64	48		10.70		10.70				16.0	
231+05	S	Curve Left with Tangent Sideroad	W1-10BL	36	36					9.00			18.0	Relocate about 250' east(250' before curve)
		2550 E	W17-1100	30	9					1.90				
		45 mph Advisory Plate	W13-1	24	24					4.00				
232+10	S	Chevron	W1-8	18	24			3.00						
		Chevron	W1-8	18	24			3.00						
232+63	S	Chevron	W1-8	24	30	5.00							14.0	120 foot chevron spacing
233+68	S	Chevron	W1-8	18	24			3.00						
		Chevron	W1-8	18	24			3.00						
		Chevron	W1-8	24	30	5.00							14.0	
		Chevron	W1-8	24	30	5.00								
235+27	S	Large Arrow	W1-6	48	24	8.00							15.0	115 foot chevron spacing
		45 mph advisory plate	W13-1P	24	24	4.00								
		Chevron	W1-8	24	30	5.00								

USER NAME = Eric.Thomas	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = 12/7/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGN SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	13
CONTRACT NO. 64T18				
		ILLINOIS	FED. AID PROJECT	

MODEL: SHT_PLAN
 FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\DOT_Standards\Civil\DOT_Sheets.dwg

Sta	Side	Common Name of Sign	Sign Code	Size Hor (in)	Size Ver (in)	72000100 SIGN PANEL TYPE 1 (SQ.FT)	72000200 SIGN PANEL TYPE 2 (SQ.FT)	72400310 REMOVE SIGN PANEL Type 1 (SQ.FT)	72400320 REMOVE SIGN PANEL TYPE 2 (SQ.FT)	72400710 RELOCATE SIGN PANEL TYPE 1 (SQ.FT)	72800100 TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 in)	72800100 TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 1/4 in)	73000100 WOOD SIGN SUPPORT (FOOT)	Notes	
235+27	S	Chevron	W1-8	18	24			3.00							
		Chevron	W1-8	18	24			3.00							
236+32	S	Chevron	W1-8	24	30	5.00							14.0		
		Chevron	W1-8	24	30	5.00									
236+85	S	Cross Traffic	W16-1100	36	36					9.00			16.0		
		Chevron	W1-8	24	30			5.00							
		Chevron	W1-8	24	30			5.00							
237+38	E	Chevron	W1-8	24	30	5.00							14.0		
		Chevron	W1-8	24	30	5.00									
237+91	E	Chevron	W1-8	18	24			3.00							
		Chevron	W1-8	18	24			3.00							
238+44	E	Chevron	W1-8	24	30	5.00							14.0		
		Chevron	W1-8	24	30	5.00									
240+02	E	Chevron	W1-8	24	30	5.00							14.0		
		Chevron	W1-8	24	30	5.00									
241+08	E	Large Arrow	W1-6	48	24	8.00							15.0	120 foot chevron spacing	
		45 mph advisory plate	W13-1P	24	24	4.00									
		Chevron	W1-8	24	30	5.00									
241+08	E	Chevron	W1-8	18	24			3.00							
		Chevron	W1-8	18	24			3.00							
242+13	E	Chevron	W1-8	24	30	5.00							14.0		
242+14	E	Chevron	W1-8	18	24			3.00							
		Chevron	W1-8	18	24			3.00							
243+72	E	Chevron	W1-8	18	24			3.00							
		Chevron	W1-8	18	24			3.00							
246+89	W	Curve Right with tangent sideroad	W1-10bL	36	36					9.00			18.0	Relocate 575 feet south	
		2550 E	W17-1100	30	9					1.90					
		45 mph advisory plate	W13-1P	24	24					4.00					
234+75	E	STOP	R1-1	36	36	9.00		6.30			9.0	5.0		At 350 N	
251+64	E	No Passing Zone	W14-3	64	48		10.70		10.70				16.0		
265+37	W	No Passing Zone	W14-3	64	48		10.70		10.70				16.0		
						RURAL	238.90		74.90	125.00	74.90	96.00	63.00	35.00	493.00
306+56	E	Stop Ahead	W3-1	36	36			9.00						Remove sign and post	
306+56	W	Stop Ahead	W3-1	36	36			9.00						Remove sign and post	
308+67	E	Stop Ahead	W3-1	36	36			9.00						Remove sign and post	
308+67	W	Stop Ahead	W3-1	36	36			9.00						Remove sign and post	
309+72	E	Stop Ahead	W3-1	36	36	9.00							16.0	650' south of stop bar	
309+72	W	Stop Ahead	W3-1	36	36	9.00							16.0	650' south of stop bar	
311+31	E	T symbol	W2-4	36	36			9.00						Remove sign and post	
311+31	W	T symbol	W2-4	36	36			9.00						Remove sign and post	
311+84	E	T symbol	W2-4	36	36	9.00							16.0	200' north of new Stop Ahead sign	
311+84	W	T symbol	W2-4	36	36	9.00							16.0	200' north of new Stop Ahead sign	
		Speed limit 55	R2-1	30	36	7.50									
314+48	W	Speed limit 55	R2-1	30	36			7.50						Remove sign and post. Remove empty post	
316+59	E	STOP	R1-1	36	36	9.00		6.30			9.0	5.0		South Street Island	
316+59	E	STOP	R1-1	36	36	9.00		6.30			9.0	5.0		South Street - Radius	
		Do not enter	R5-1	36	36	9.00		6.30							
316+59	N	Two Headed Arrow	W1-7	48	24	8.00		8.00					13.0		
						URBAN	78.50	0.00	88.40	0.00	0.00	18.00	10.00	77.00	
		Total				317.40	74.90	213.40	74.90	96.00	81.00	45.00	570.00		

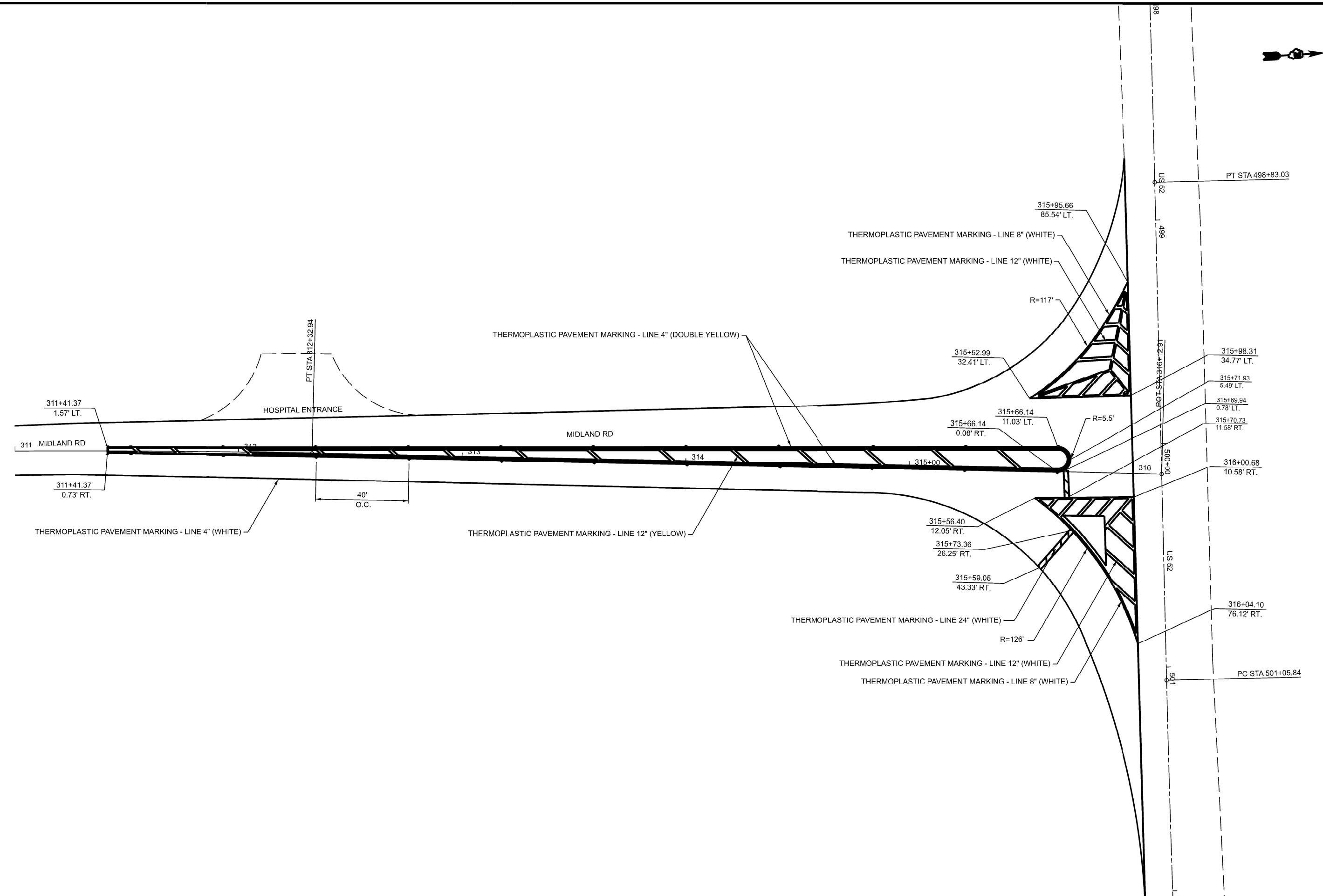
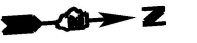
USER NAME = Eric.Thomas	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGN SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	14
CONTRACT NO. 64T18				
ILLINOIS		FED. AID PROJECT		



MODEL: E:\B1_Midland_Rd_Plan_1 [Sheet]
 FILE NAME: c:\pwworkspace\rosas@illinois.gov\055797\02_64T18-shr\cmk.dwg

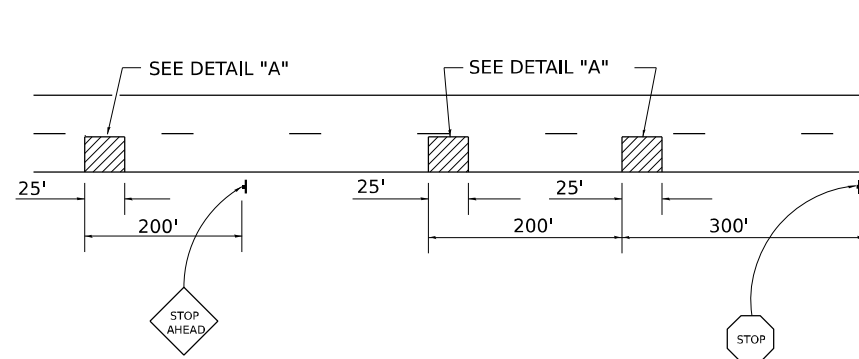
USER NAME = Cristian.Rosas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

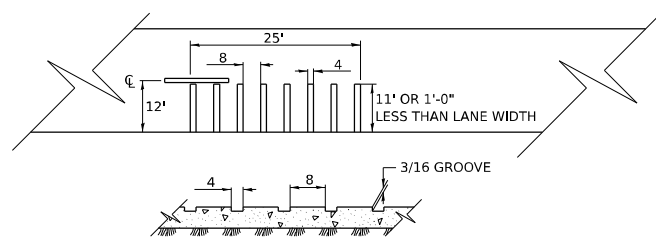
PAVEMENT MARKING SHEET			
SCALE: 1"=20'	SHEET	OF	SHEETS
	308+00.00	TO	317+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	15
CONTRACT NO. 64T18				
ILLINOIS FED. AID PROJECT				

RUMBLE RESURFACING



GROOVED



DETAIL "A"

NOTES

THE GROOVES SHALL BE CONSTRUCTED WITH A MILLING MACHINE CAPABLE OF COLD MILLING THE EXISTING SURFACE IN THE PATTERN SHOWN.

RUMBLE RESURFACING SHALL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE YARDS. THE LENGTH SHALL BE THE DISTANCE FROM OUTSIDE EDGE TO OUTSIDE EDGE OF THE GROOVE WHICH WILL BE APPROXIMATELY 25'. THE WIDTH SHALL BE 1' LESS THAN LANE WIDTH.

RUMBLE STRIPS SHALL BE CONSTRUCTED AS SHOWN AND PAID FOR PER SQUARE YARD AS RUMBLE RESURFACING.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

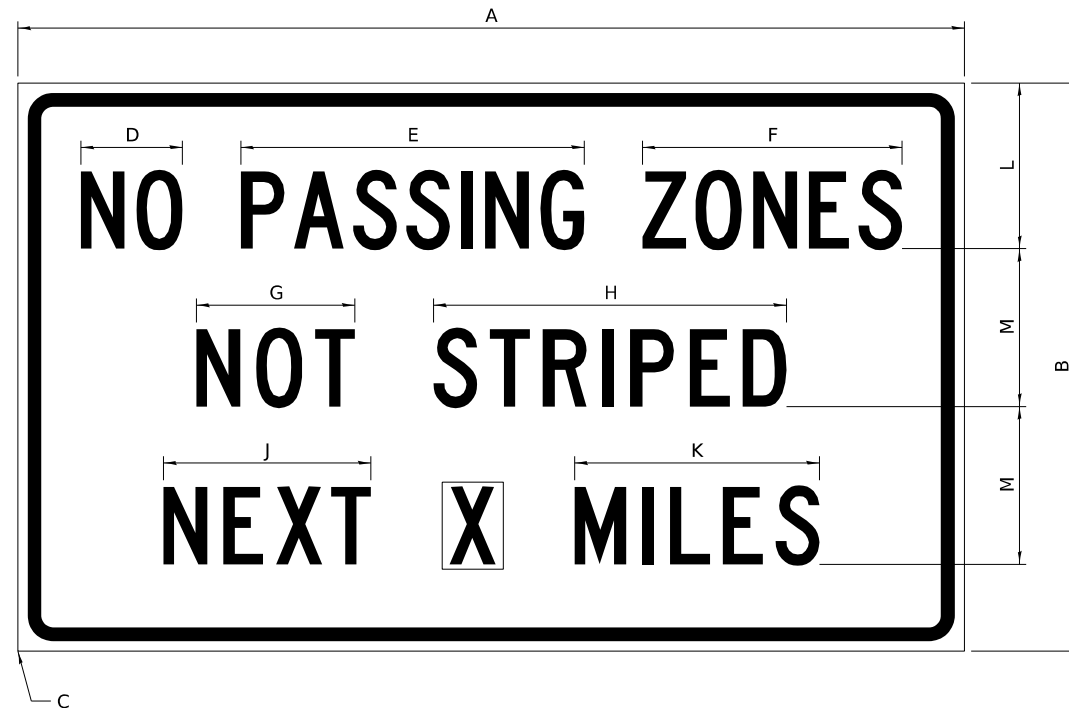
REVISED - 10-05-11

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization\Civil\IDOT_Standards\Civil\IDOT_Sheets.dwg
PLOT DATE: 12/7/2022

REVISED -	REGION 2 / DISTRICT 2 STANDARD		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -			229	(1MFT,16MFT)RS	HENRY	25	16	
REVISED -			CONTRACT NO. 64T18					
REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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

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

Sign not to scale

GENERAL NOTES

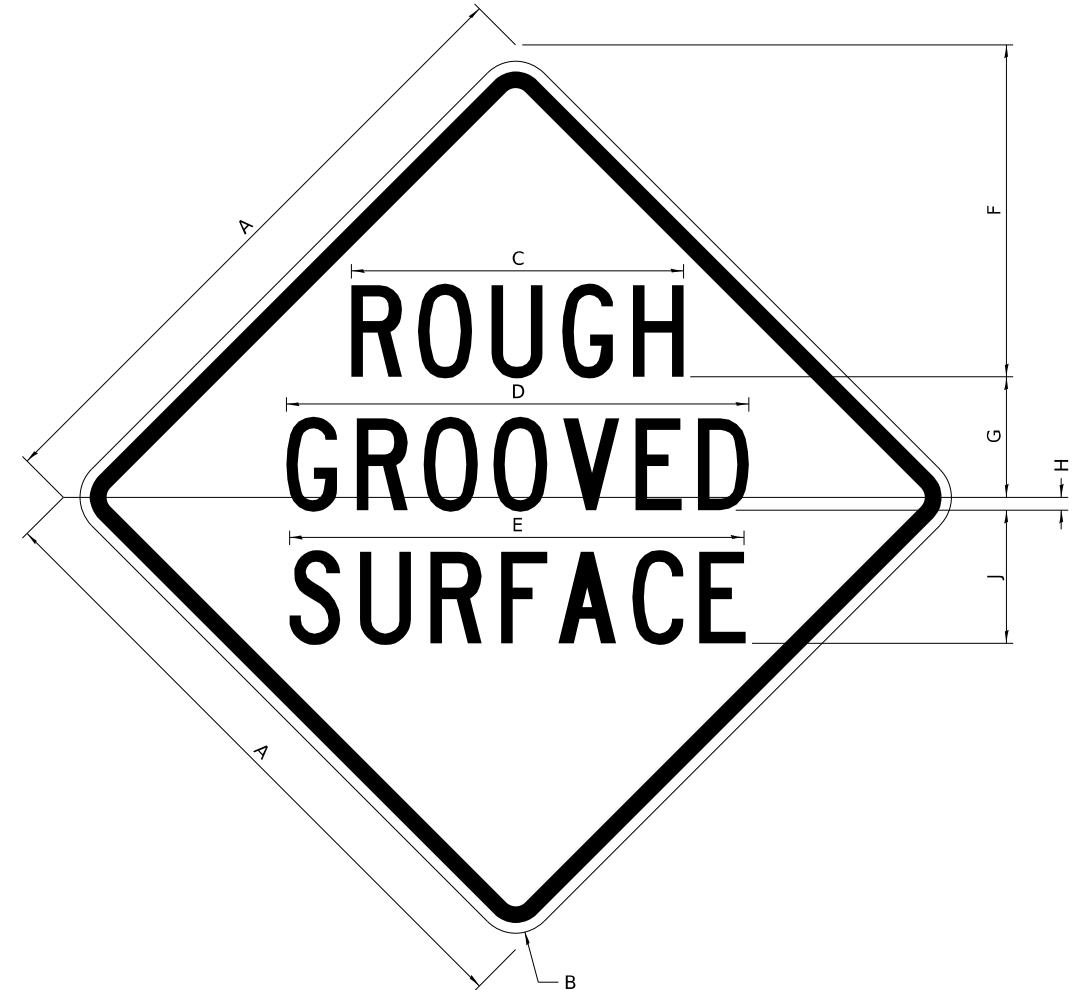
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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

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

All dimensions are in inches unless otherwise noted.

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

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Civil\IDOT_Signs.scd

USER NAME = Eric.Thomas	DESIGNED -	REVISED - 3-02-16
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = 12/7/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

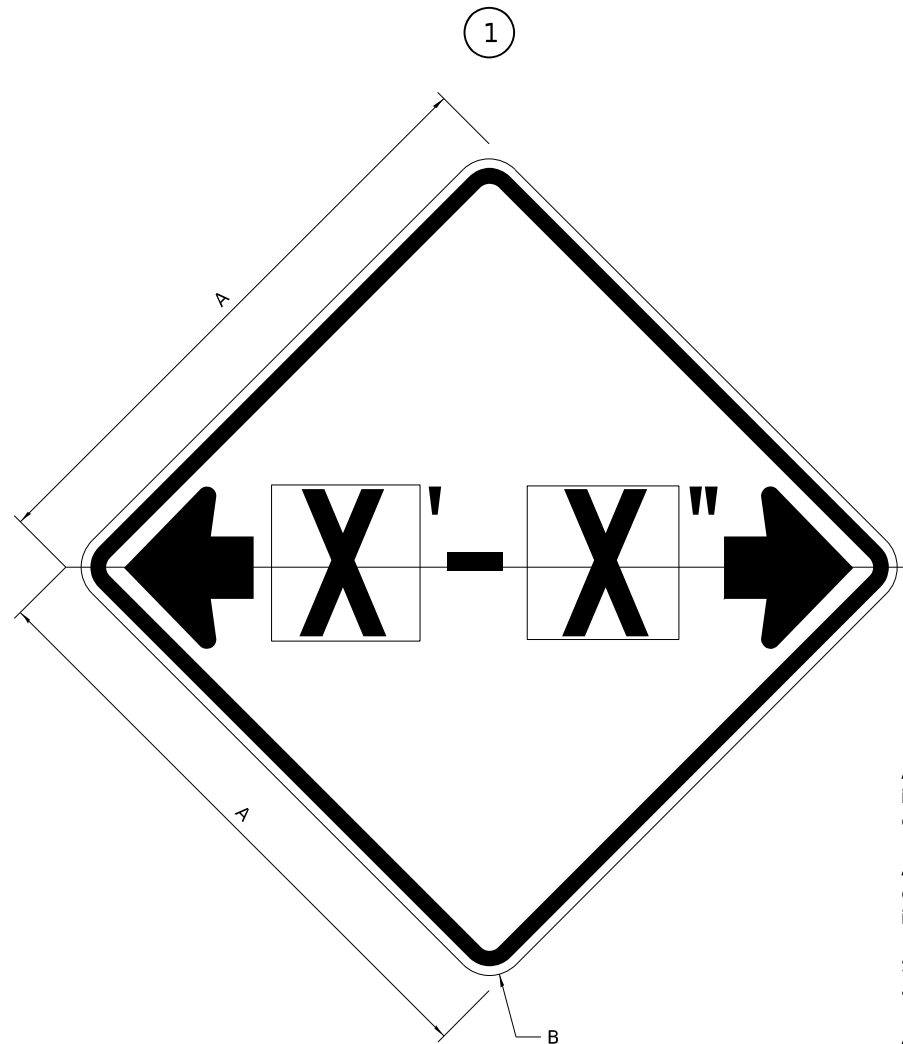
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	17
CONTRACT NO. 64T18				
ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



GENERAL NOTES

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

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

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

All dimensions are in inches unless otherwise noted.

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

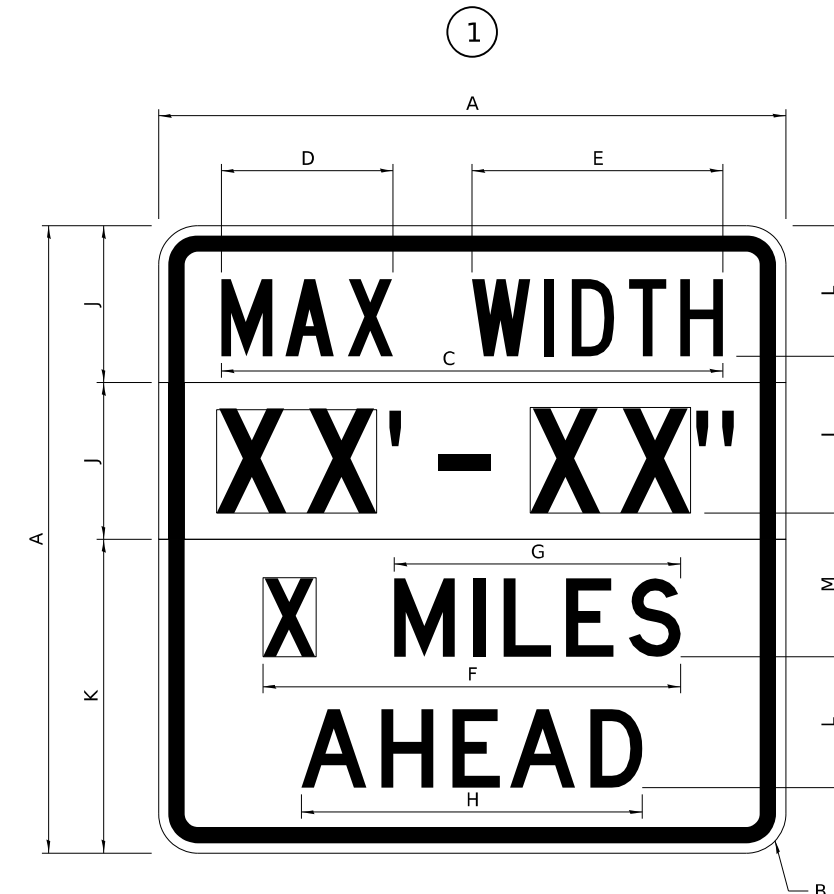
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

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

ILLINOIS STANDARD W12-I103



COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE 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

USER NAME = Eric.Thomas	DESIGNED -	REVISED - 3-02-16
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

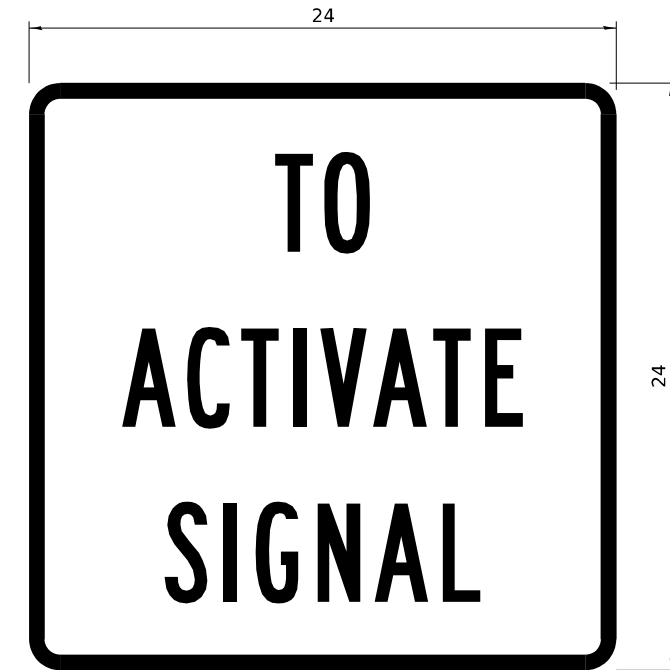
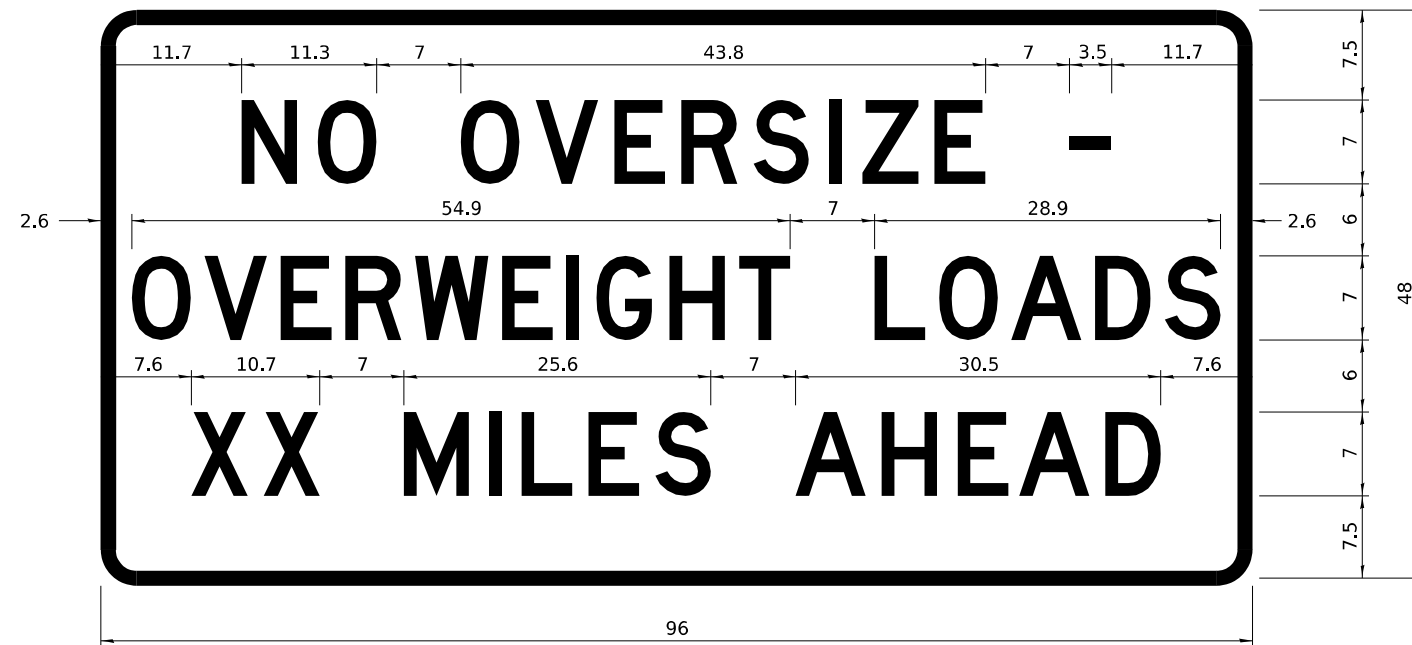
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	18
CONTRACT NO. 64T18				
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.

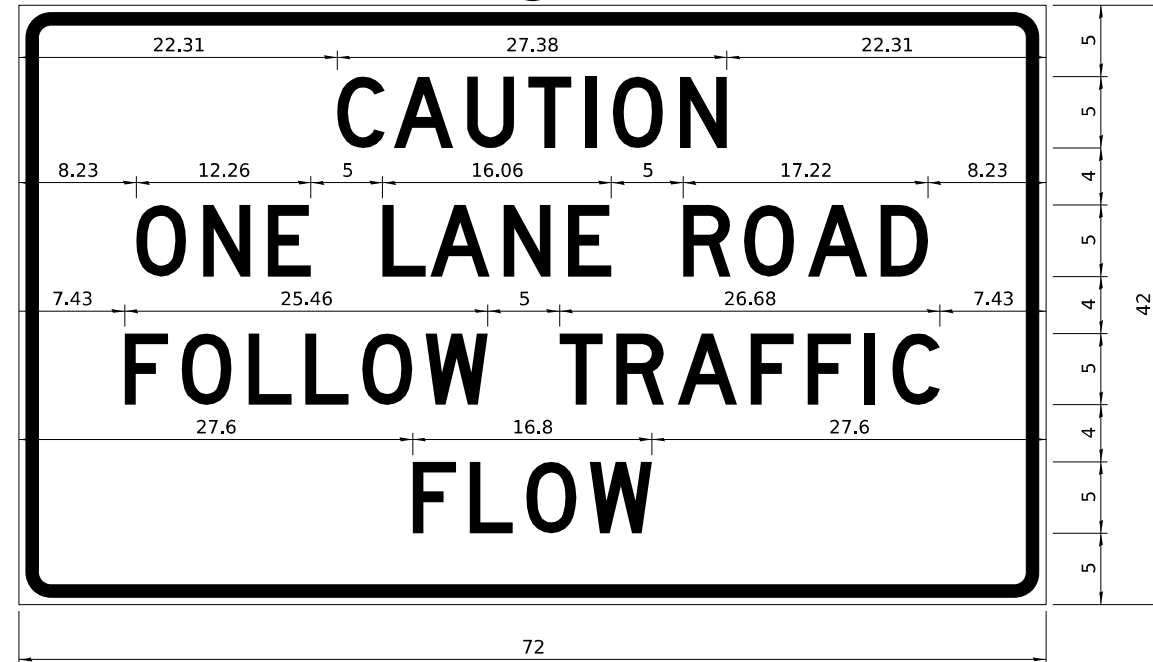
All dimensions are in inches unless otherwise noted.

DESIGNED -	REVISD -	3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISD -						229	(1MFT,16MFT)RS	HENRY	25	19
CHECKED -	REVISD -			SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64T18				
DATE -	REVISD -			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	0.62	A	0.94	U	0.94	T	0.94	I	1.17	O	1.17	N	3.36	22.31
	3.36		4.18		3.36		3.04		0.78		3.52		3.36		

8.23	O	1.17	N	1.18	E	3.04
	3.51		3.36			

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

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	4.37
	3.04		3.52		3.04		3.05		3.51			

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

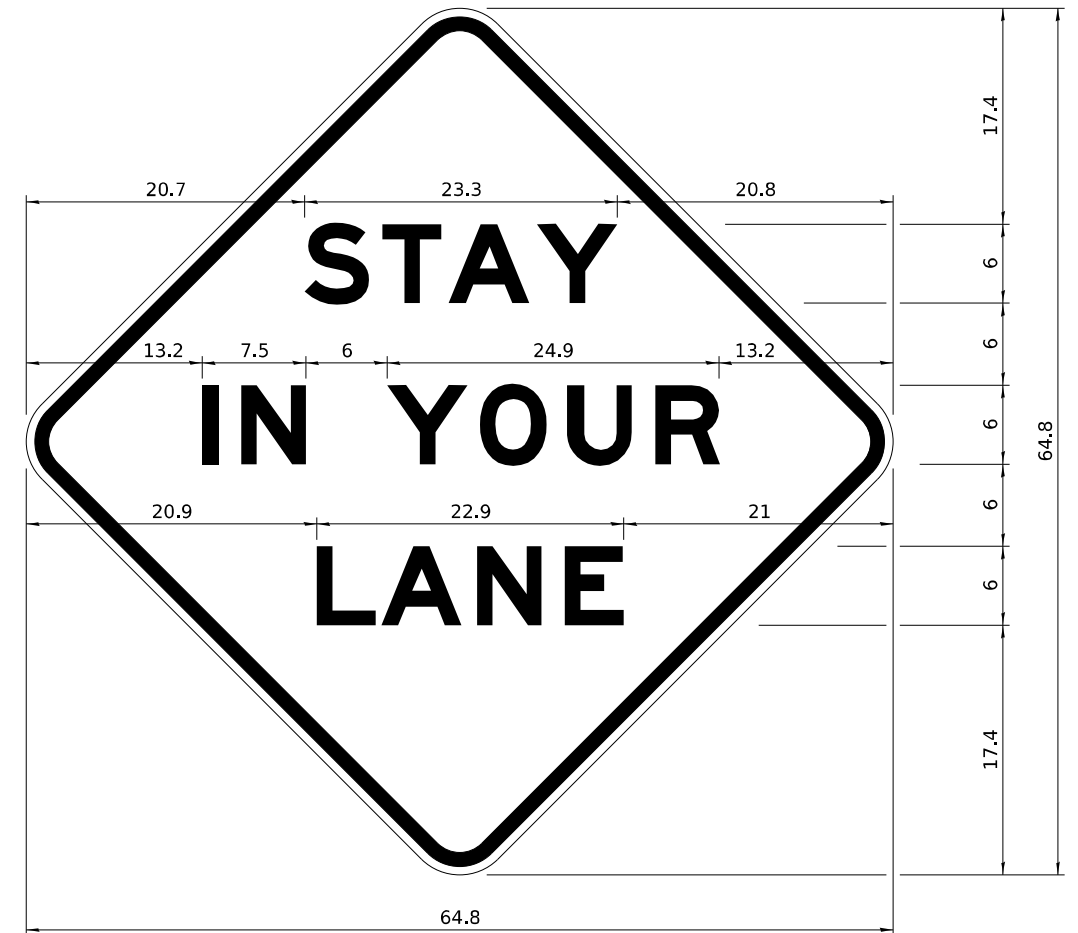
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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.

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

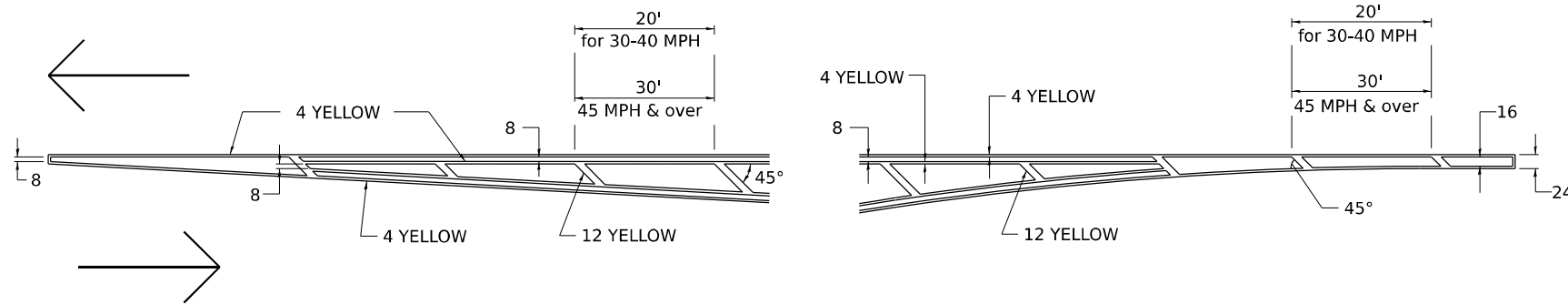
L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

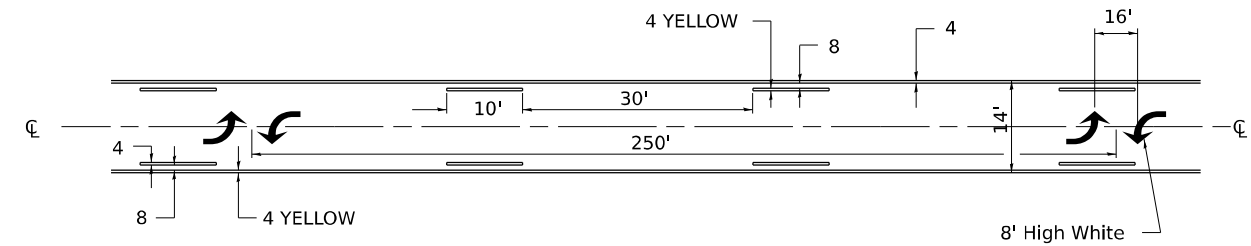
DESIGNED -	REVISD -	3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN -	REVISD -				229	(1MFT,16MFT)RS	HENRY	25	20	
CHECKED -	REVISD -				CONTRACT NO. 64T18					
DATE -	REVISD -				ILLINOIS FED. AID PROJECT					
SCALE:					SHEET	OF	SHEETS	STA.	TO STA.	

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

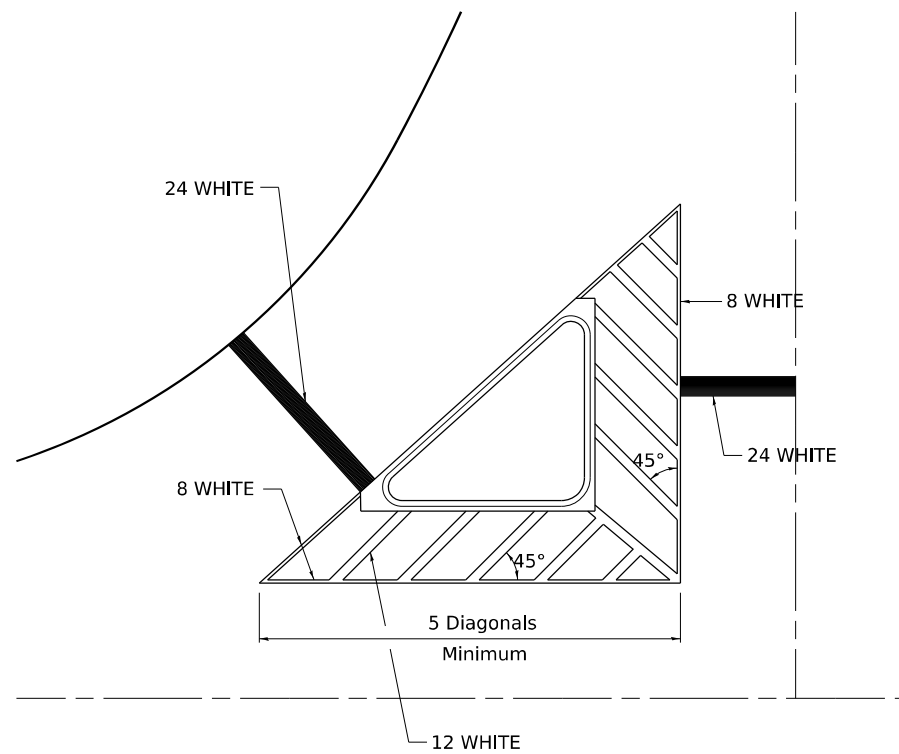


MEDIAN PAVEMENT MARKING



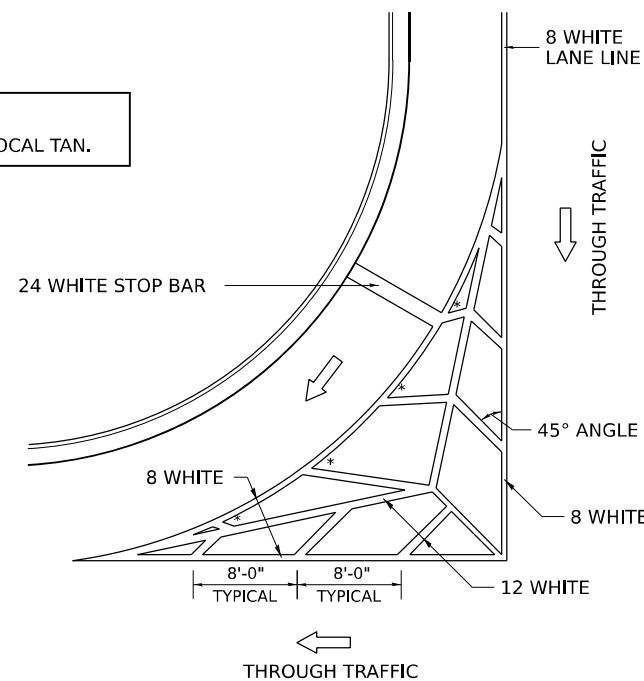
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



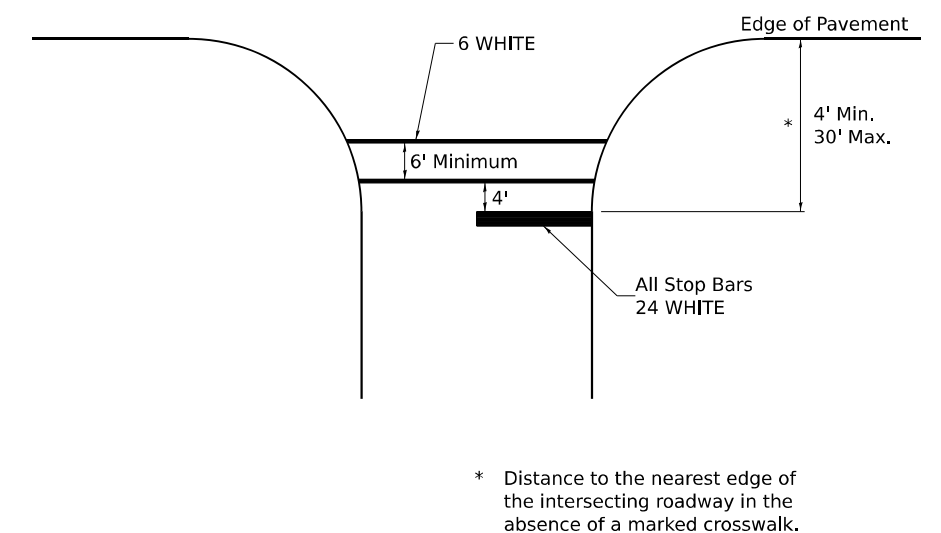
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



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

MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Civil\IDOT_Sheets.cad

USER NAME = Eric.Thomas	DESIGNED -	REVISED - 6-27-14
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED - 3-05-12
PLOT DATE = 12/7/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

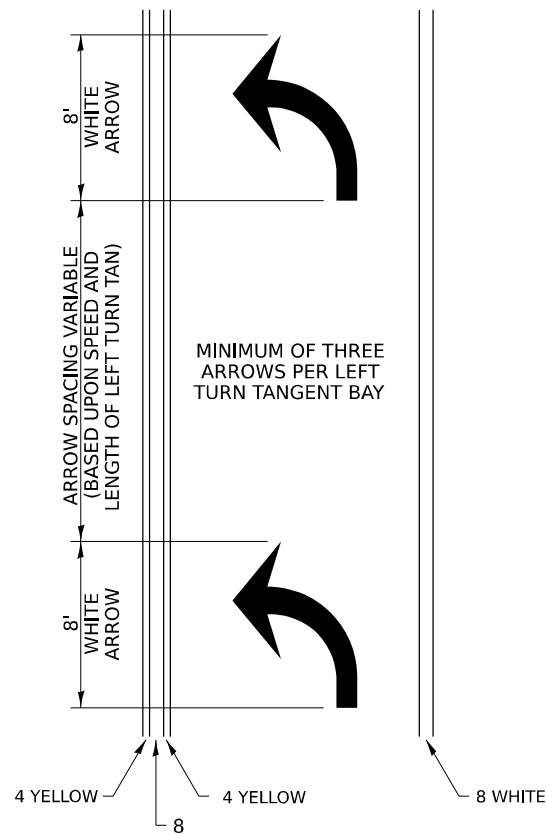
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	21
CONTRACT NO. 64T18				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

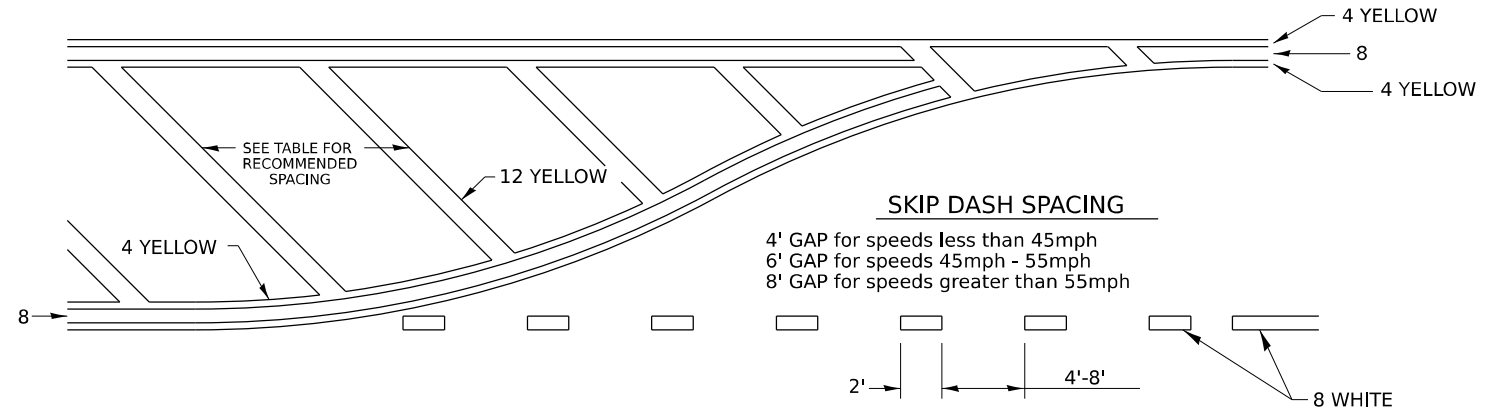


SYMBOLS

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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

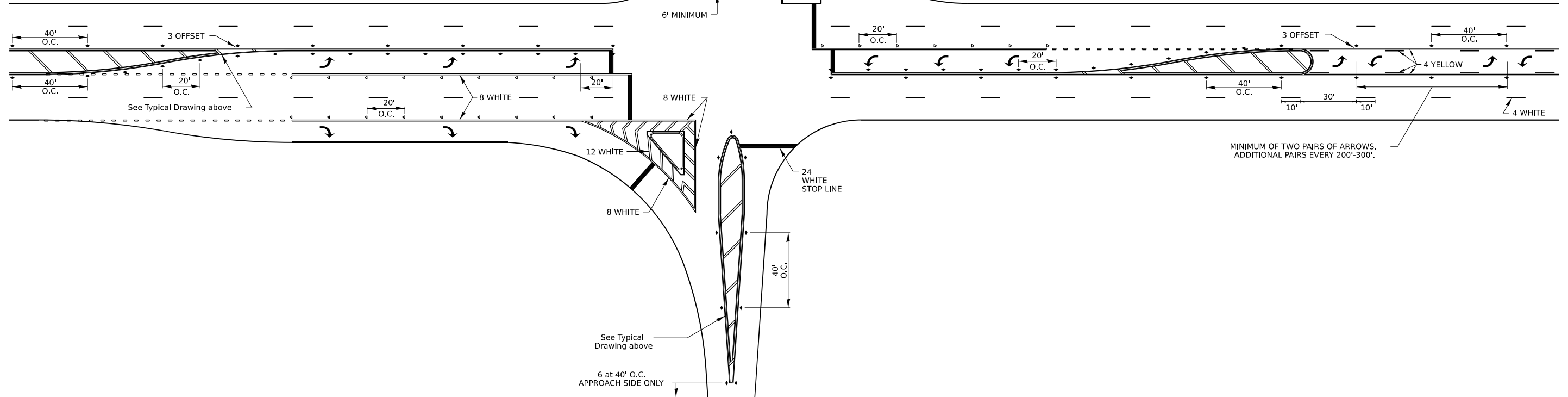
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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.



MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization\Chil\IDOT_Standards\Ceil\IDOT_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 3-05-12
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

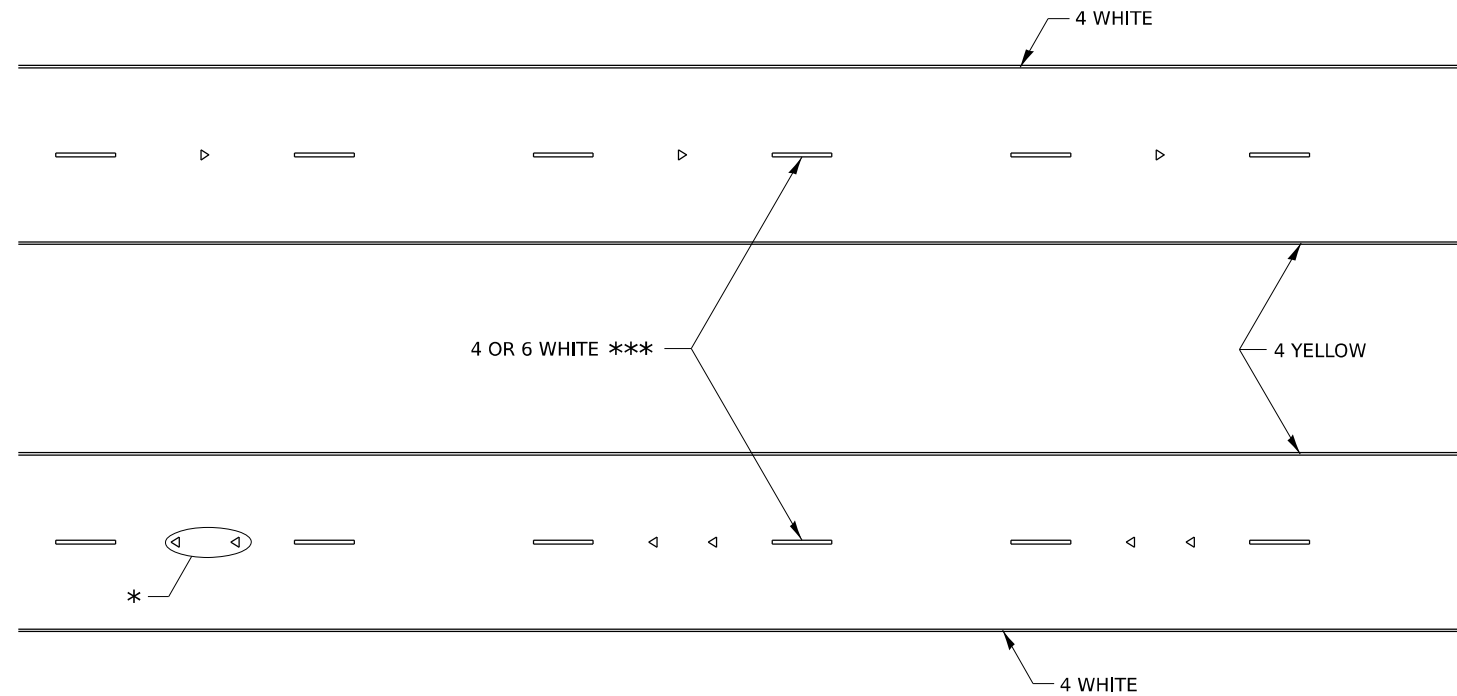
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

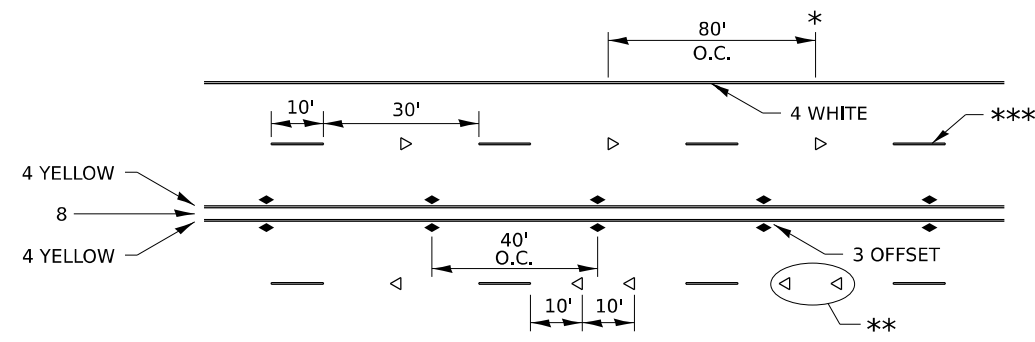
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	22
CONTRACT NO. 64T18				
ILLINOIS FED. AID PROJECT				

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.

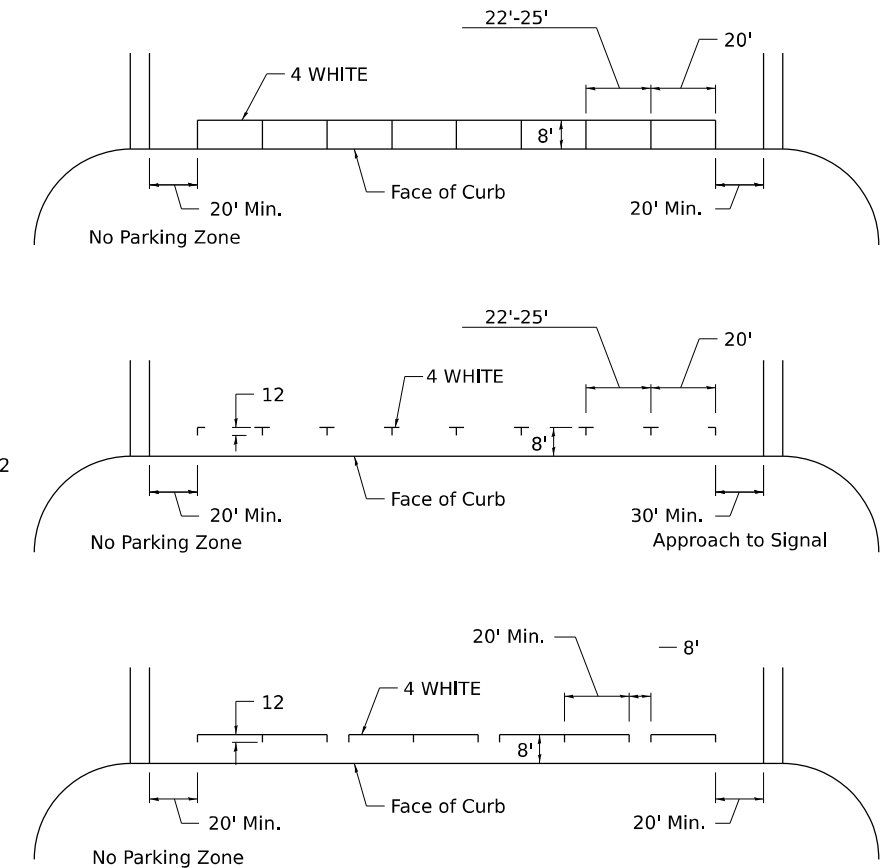
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

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

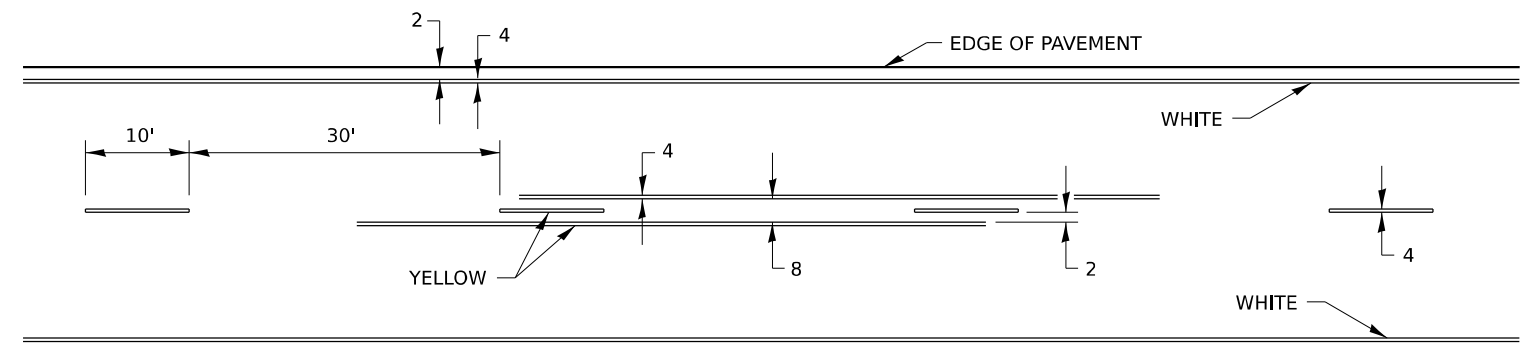
MULTI-LANE / UNDIVIDED & ONE WAY

(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



MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Civil\IDOT_Sheets.cad

USER NAME = Eric.Thomas	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 8-27-13
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED - 11-28-12
PLOT DATE = 12/7/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

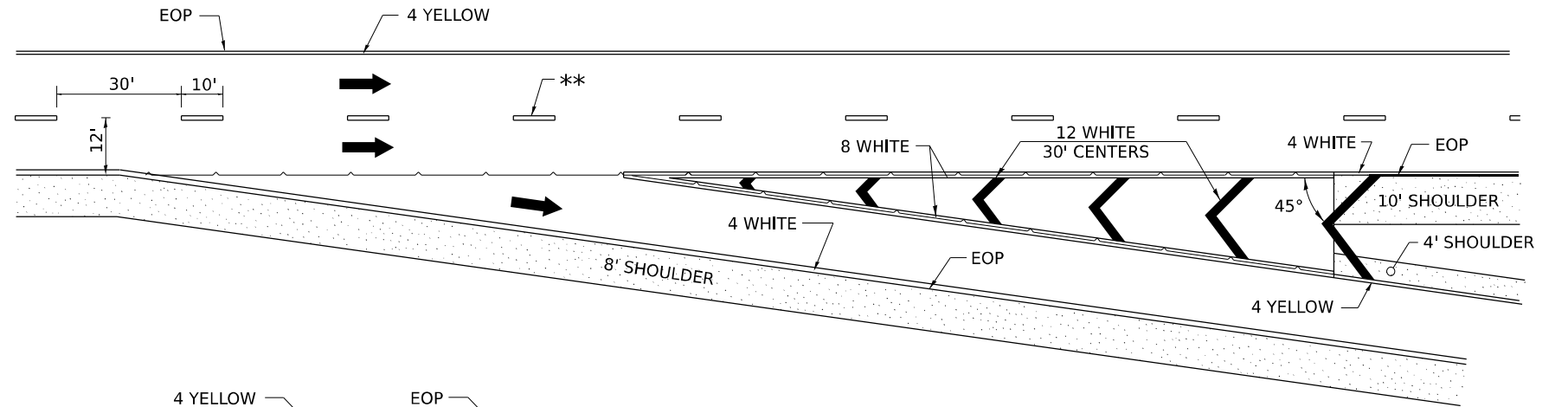
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	23
CONTRACT NO. 64T18				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

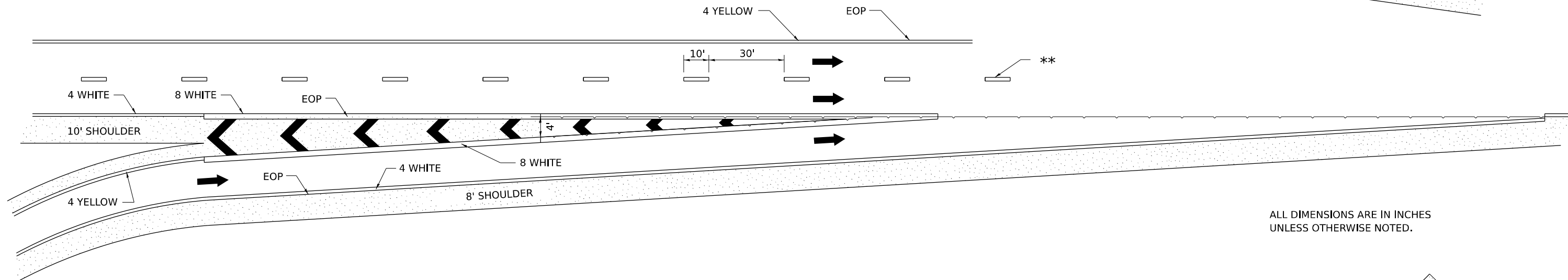
** 6" WHITE ON INTERSTATES, WHERE THE SPPED LIMIT IS 65 MPH, OR WHEN DIRECTED BY THE ENGINEER.
4" WIDE AT ALL OTHER LOCATIONS.

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

EXIT RAMP

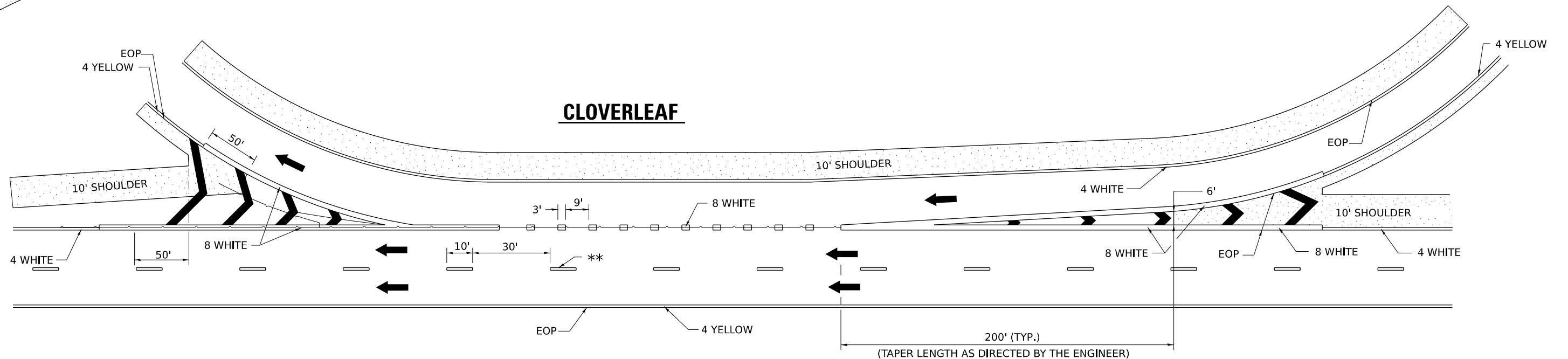


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CLOVERLEAF



MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization\Civil\IDOT_Standards\Civil\IDOT_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED -	REVISED - 9-15-23
	DRAWN -	REVISED - 8-27-13
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED - 10-18-11
PLOT DATE = 12/7/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

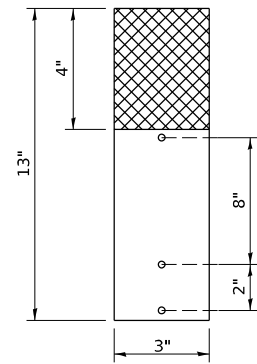
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE. 229	SECTION (1MFT,16MFT)RS	COUNTY HENRY	TOTAL SHEETS 25	SHEET NO. 24
CONTRACT NO. 64T18				
ILLINOIS FED. AID PROJECT				

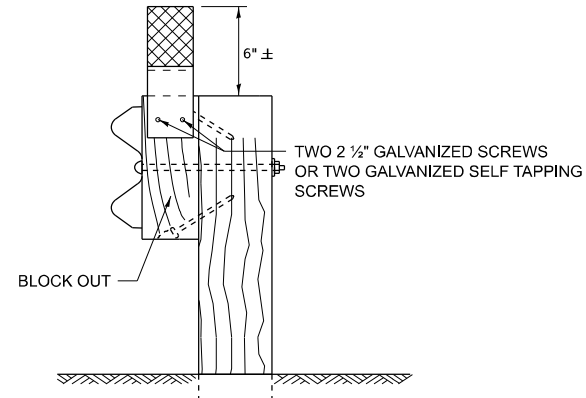
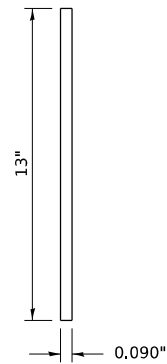
GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

REFLECTORS FOR GUARDRAIL BLOCK OUT OR DELINEATOR POST

STRAIGHT REFLECTOR / DELINEATOR



SIDE VIEW

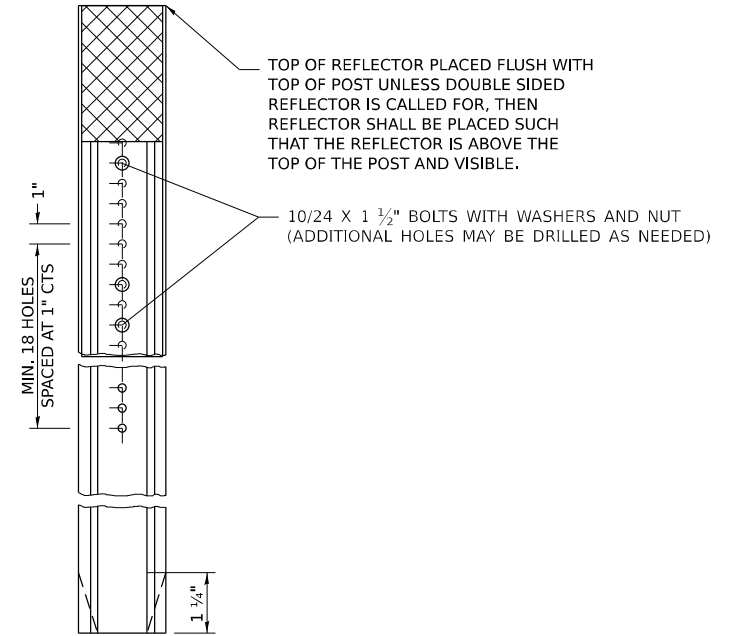


MOUNTED ON A GUARDRAIL BLOCK OUT

REFLECTORS SHALL BE MOUNTED DIRECTLY TO BLOCK OUTS.

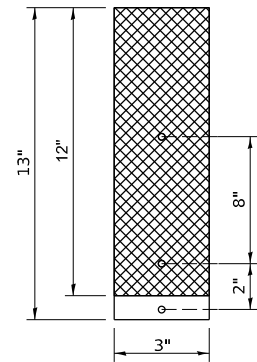
REFLECTORS MOUNTED ON WOODEN OR PLASTIC OR METAL BLOCK OUT SHALL BE MOUNTED USING TWO 2 1/2" GALVANIZED SCREWS WITH WASHERS OR TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

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

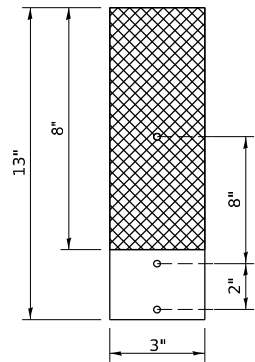


MOUNTED ON A DELINEATOR POST

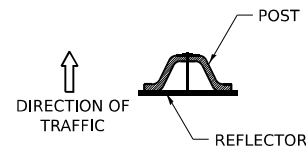
REPLACING 3 BUTTON DELINEATOR



REPLACING 2 BUTTON DELINEATOR



ADDITIONAL HOLES SHALL BE DRILLED IN THE REFLECTORS AS SHOWN ABOVE.



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

NOTE:

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

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON CENTER BARRIER OR IN THE MEDIAN SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE AMBER.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS ON THE OUTSIDE OF THE ROADWAY SHALL BE DOUBLE SIDED CRYSTAL.

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

NOTE:

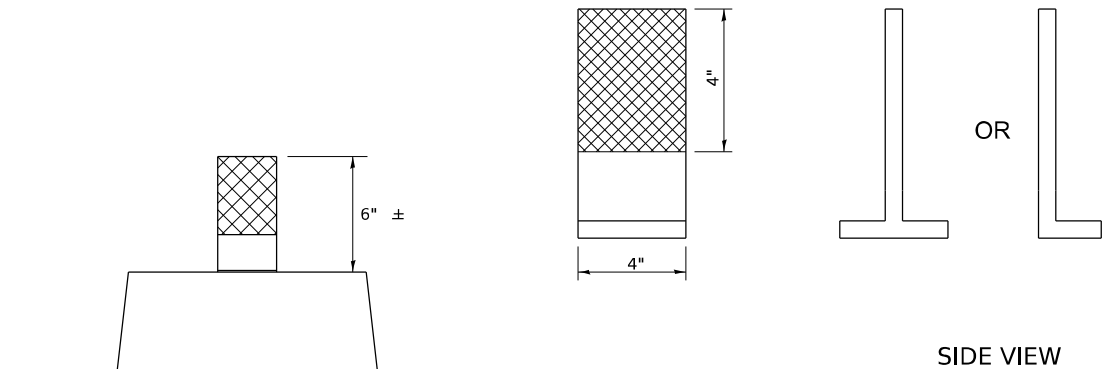
REFLECTORS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR GUARDRAIL REFLECTORS, TYPE C (SPECIAL), WHICH PRICE SHALL ALSO INCLUDE SCREWS, WASHERS OR AN APPROVED BONDING AGENT.

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON CENTER BARRIER SHALL BE DOUBLE SIDE AND BOTH SIDES SHALL BE AMBER.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS ALONG THE OUTSIDE OF THE HIGHWAY SHALL BE DOUBLE SIDED CRYSTAL.

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



REFLECTORS MOUNTED ON BARRIER WALL

MODEL: D:\SHEET STANDARD_551
FILE NAME: p:\projects\2024\20240318\DOT\Documents\DOT Office\Direct\2024\Projects\8118\Program Development\Studies & Plans\Design\CADD\CAD\Sheet\02_64T1\64T1-551.dgn

USER NAME = Cristian.Rosas	DESIGNED -	REVISED - 3-07-24
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED - 4-27-23
PLOT DATE = 3/12/2024	CHECKED -	REVISED - 6-21-21
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
229	(1MFT,16MFT)RS	HENRY	25	25
CONTRACT NO. 64T18				
ILLINOIS FED. AID PROJECT				