


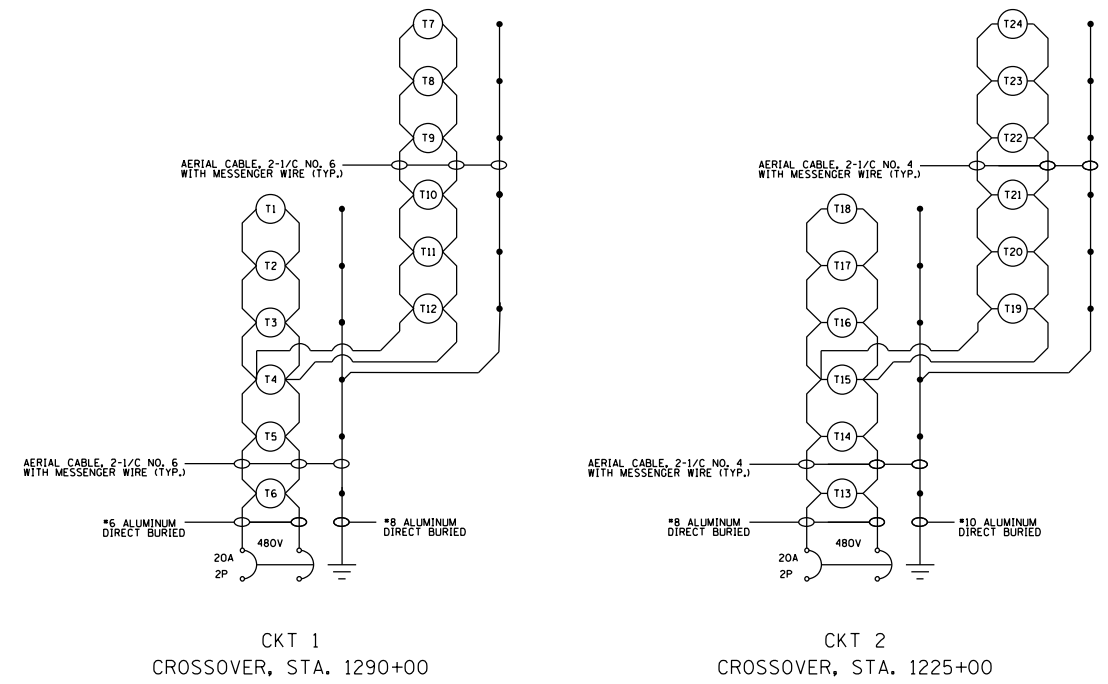


LEGEND

-  EXISTING HIGH MAST LIGHTING UNIT, 400W LUMINAIRE, NUMBER INSIDE THE CIRCLE INDICATES THE POLE NUMBER. NUMBER OUTSIDE THE SYMBOL (4) INDICATES THE NUMBER OF LUMINARIES ON TOWER
-  PROPOSED TEMPORARY LIGHTING UNIT, 50FTWOOD POLE, CLASS 3 WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H PER HIGHWAY STANDARD 830026
-  GROUND ROD

NOTES:

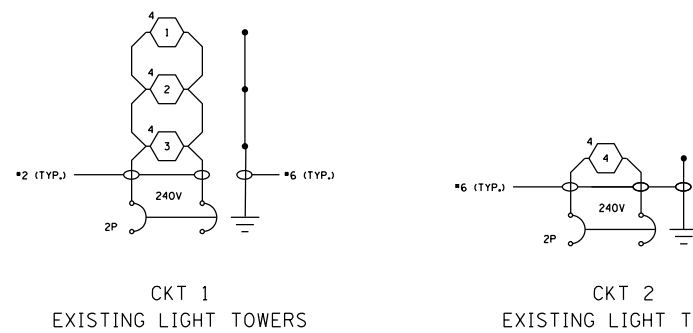
1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER



CKT 1
CROSSOVER, STA. 1290+00

CKT 2
CROSSOVER, STA. 1225+00

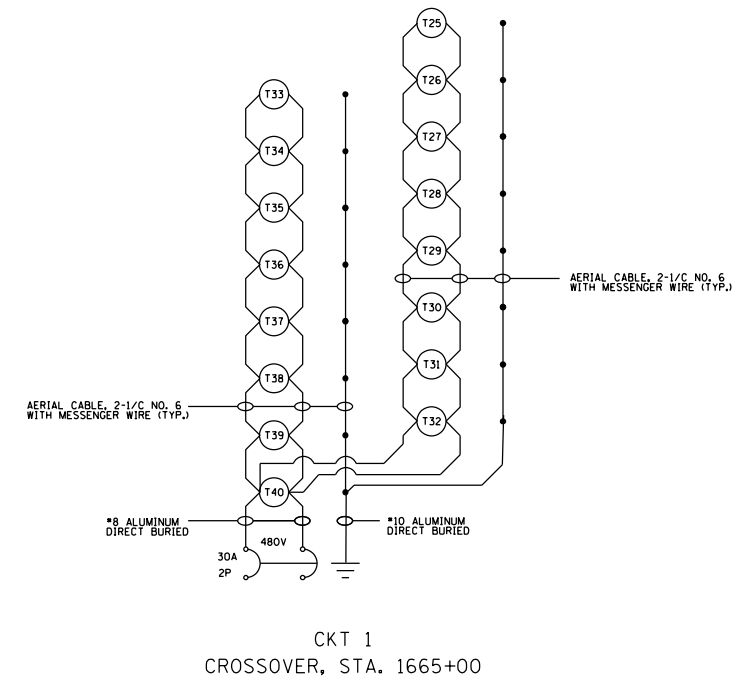
PROPOSED TEMP LIGHTING CONTROLLER 1



CKT 1
EXISTING LIGHT TOWERS

CKT 2
EXISTING LIGHT TOWER

EXISTING LIGHTING CONTROLLER FOR INFORMATION ONLY



CKT 1
CROSSOVER, STA. 1665+00

PROPOSED TEMP LIGHTING CONTROLLER 2

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

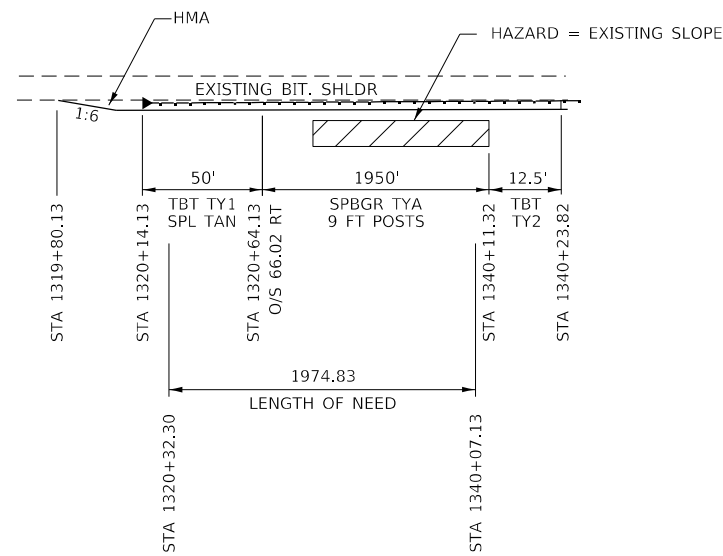
TEMPORARY LIGHTING DETAILS

SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

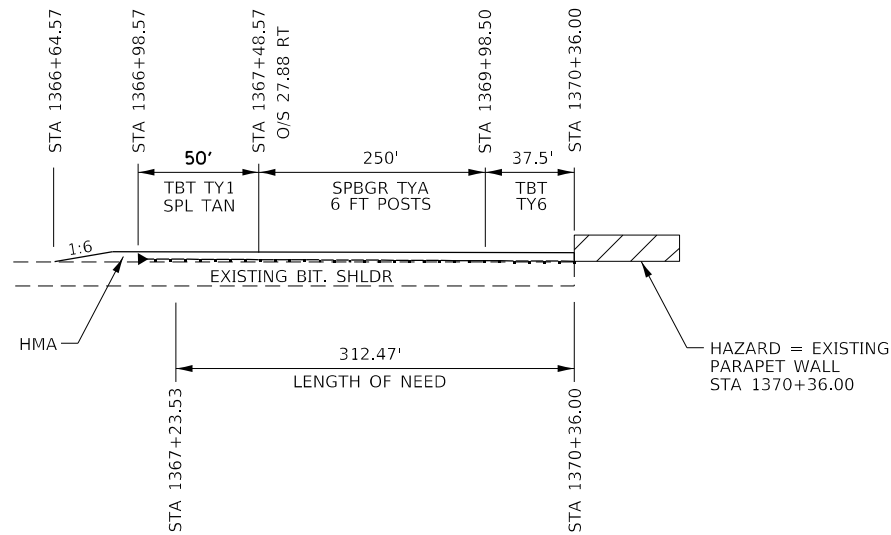
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-3,4)RS-2	HENRY	142	101
CONTRACT NO. 64C06				
ILLINOIS FED. AID PROJECT				

EASTBOUND (SB) GUARDRAIL DETAILS

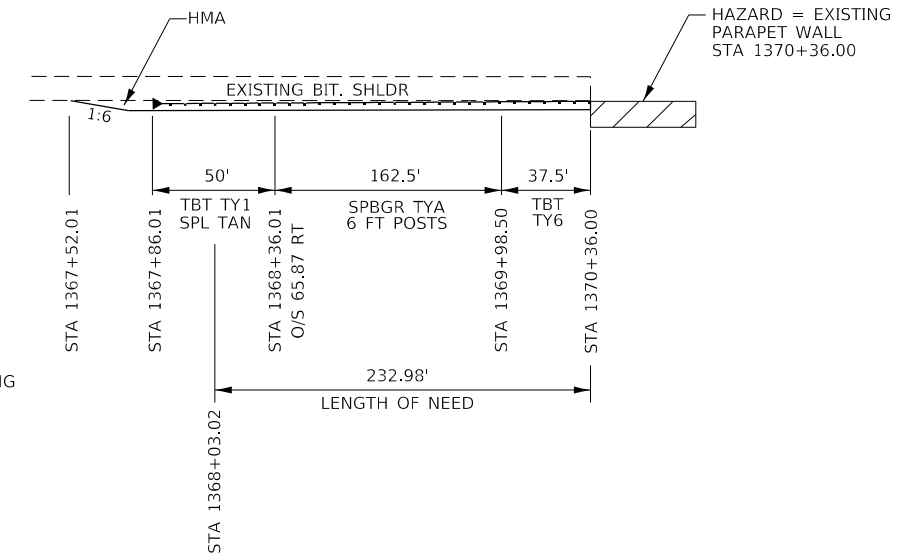
OUTSIDE STA 1320+14.13 TO STA 1340+23.82



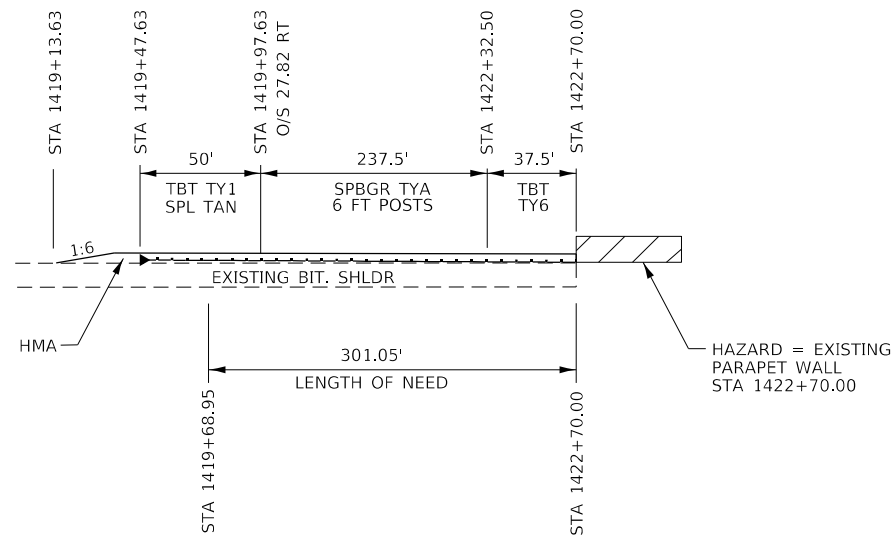
INSIDE STA 1366+98.57 TO STA 1370+36.00



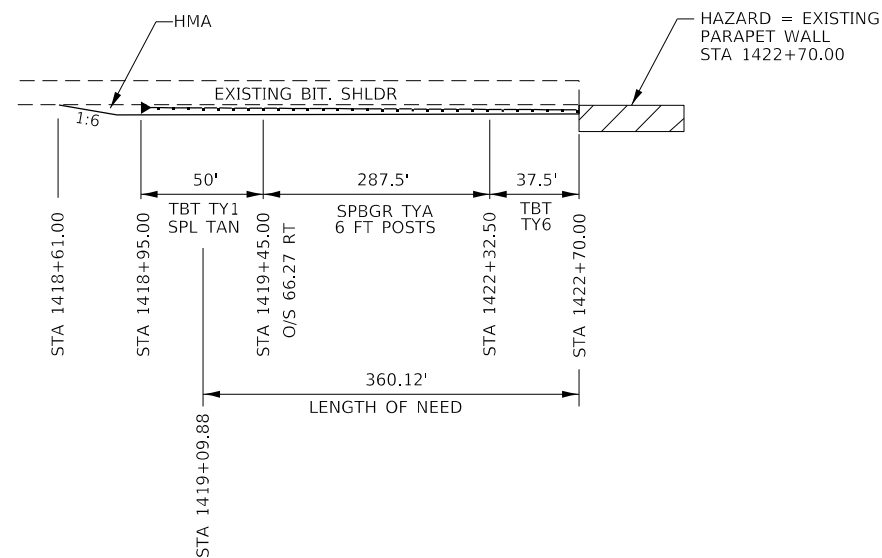
OUTSIDE STA 1367+86.01 TO STA 1370+36.00



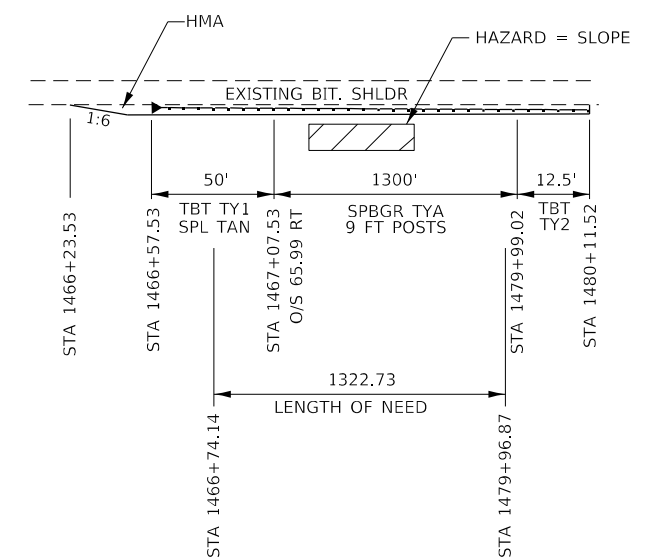
INSIDE STA 1419+47.63 TO STA 1422+70.00



OUTSIDE STA 1418+95.00 TO STA 1422+70.00



OUTSIDE STA 1466+57.53 TO STA 1480+11.52



NOTE:

THE BEGINNING LENGTH OF NEED POINT OF THE TERMINAL SHALL BE PLACED WITHIN 12FT. 6IN. OF THE LENGTH OF NEED POINT SHOWN ON THE PLANS UNLESS OTHERWISE NOTED.

SEE HMA SCHEDULE, SHEET 52, FOR BUMP OUT DETAILS

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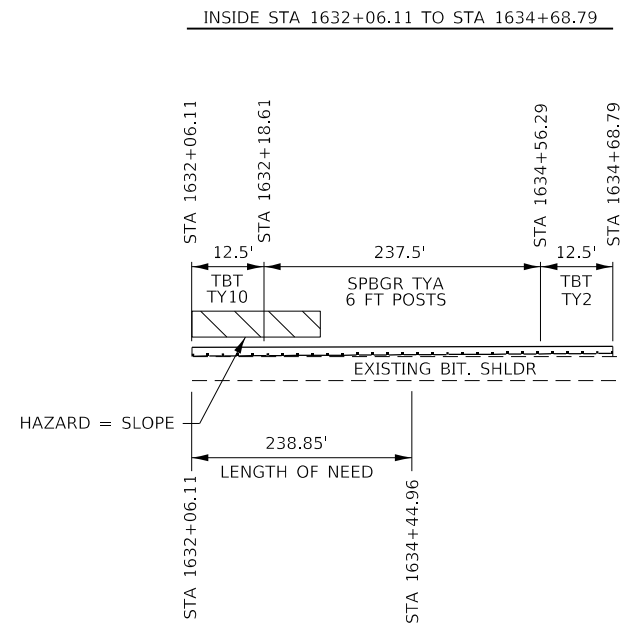
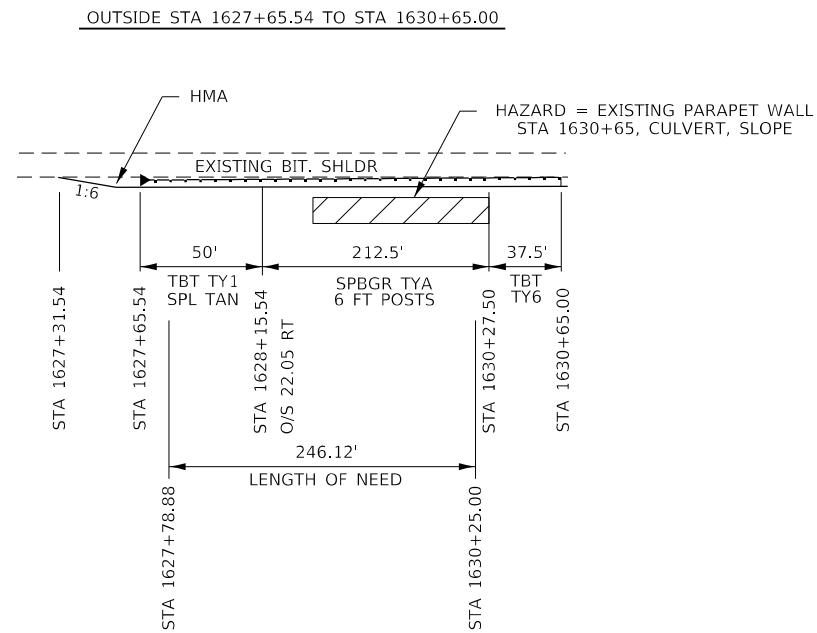
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	(37-3.4)RS-2	HENRY	142	102
CONTRACT NO. 64C06			ILLINOIS FED. AID PROJECT	

EASTBOUND (SB) GUARDRAIL DETAILS



SEE HMA SCHEDULE, SHEET 52,
FOR BUMP OUT DETAILS

NOTE: THE BEGINNING LENGTH OF NEED POINT
OF THE TERMINAL SHALL BE PLACED WITHIN
12FT. 6IN. OF THE LENGTH OF NEED POINT
SHOWN ON THE PLANS UNLESS OTHERWISE NOTED.

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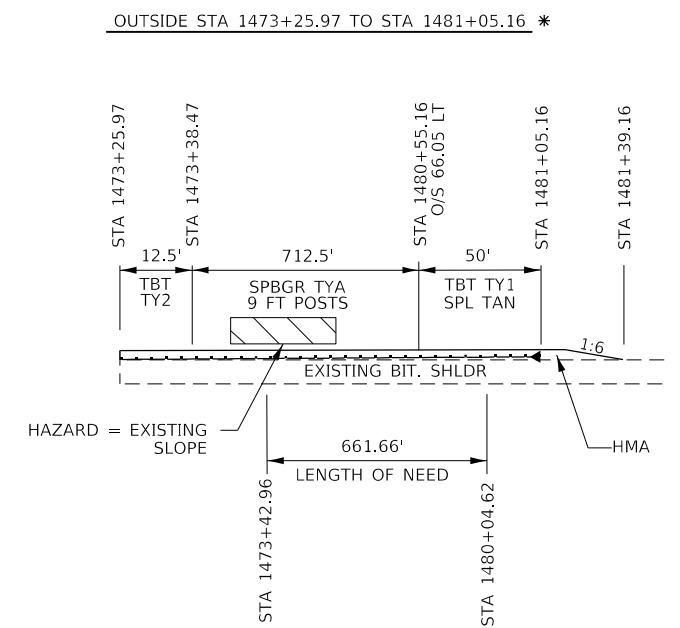
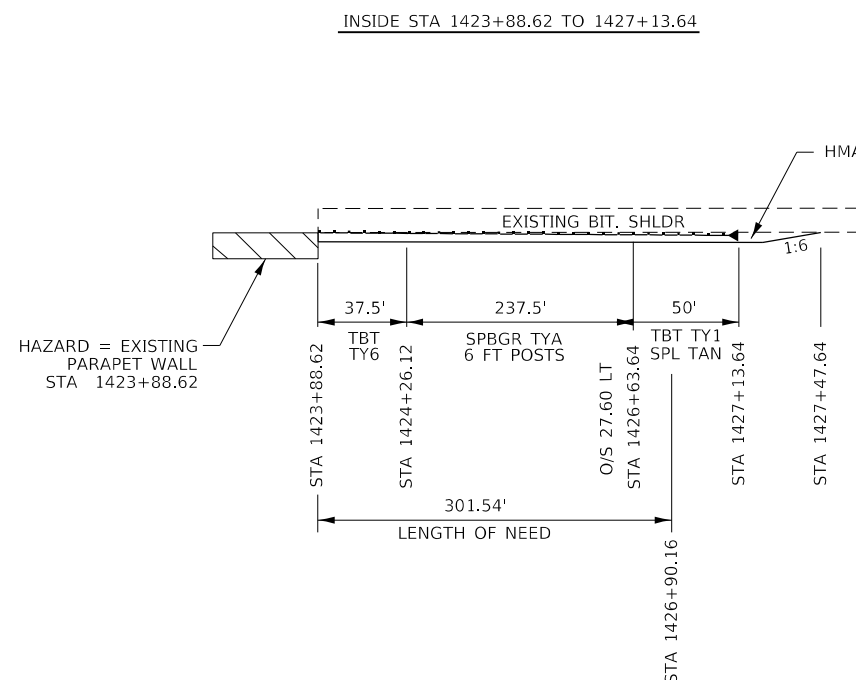
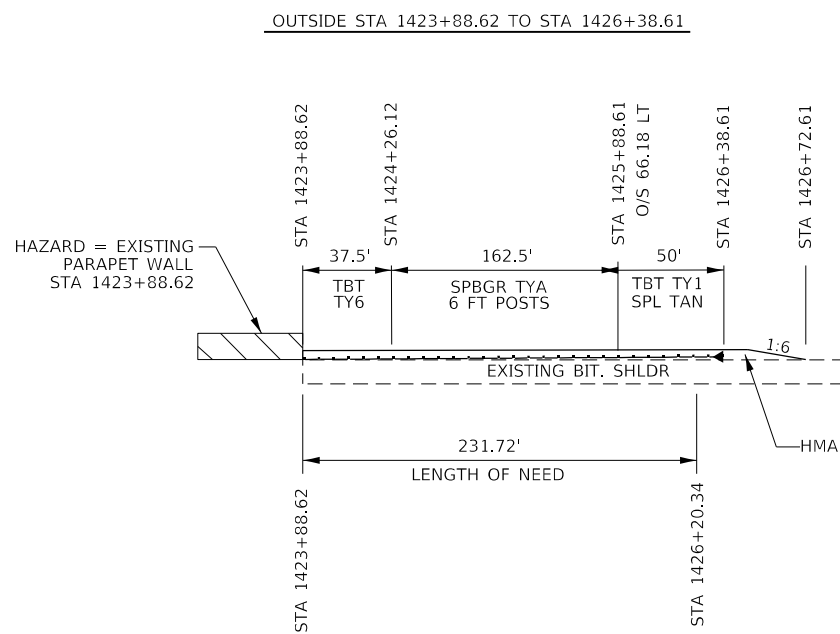
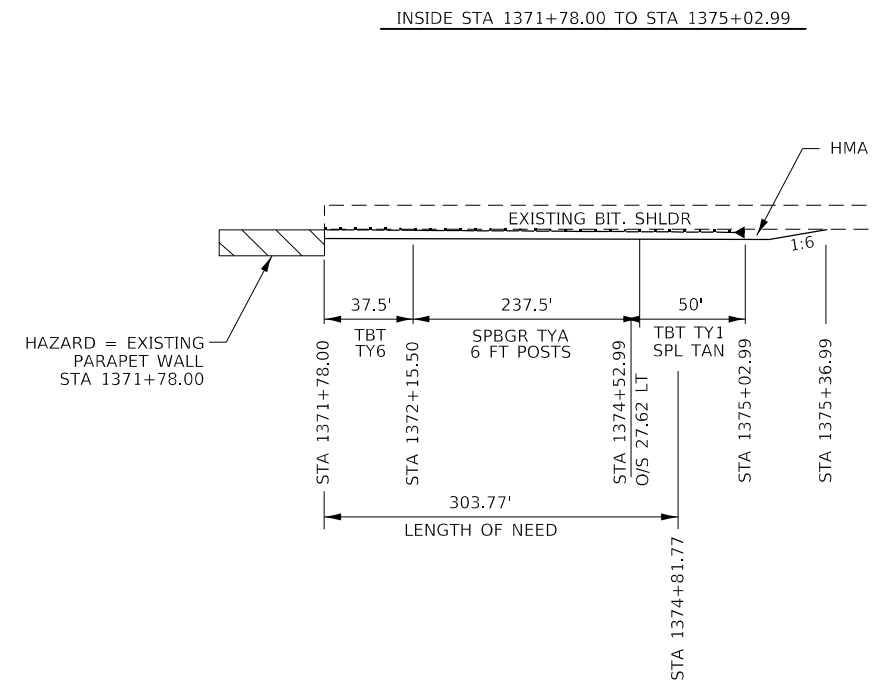
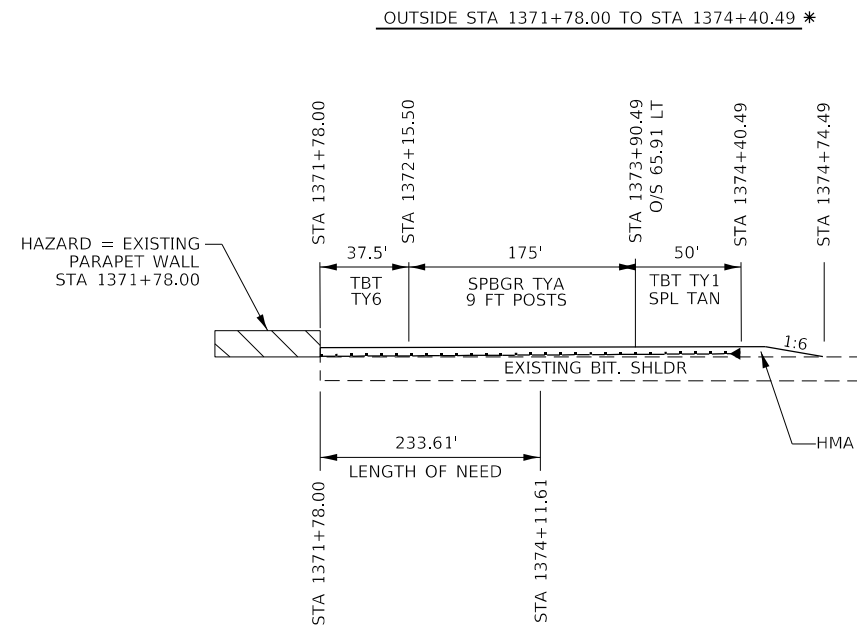
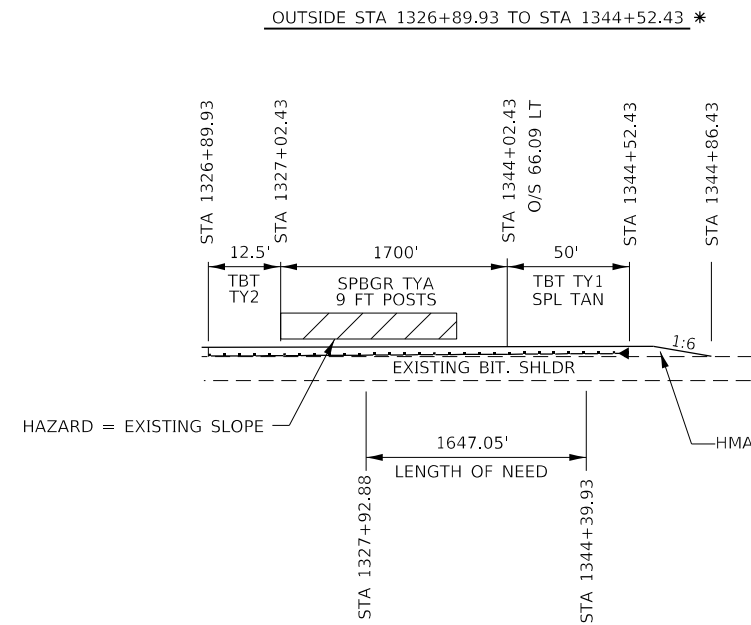
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	(37-3.4)RS-2	HENRY	142	104
CONTRACT NO. 64C06			ILLINOIS FED. AID PROJECT	

WESTBOUND (NB) GUARDRAIL DETAILS



* NOTE: THE BEGINNING LENGTH OF NEED POINT FOR THE TERMINAL EXTENDED BEYOND 12FT. 6IN. FROM THE LENGTH OF NEED POINT SHOWN.

NOTE: THE BEGINNING LENGTH OF NEED POINT OF THE TERMINAL SHALL BE PLACED WITHIN 12FT. 6IN. OF THE LENGTH OF NEED POINT SHOWN ON THE PLANS UNLESS OTHERWISE NOTED.

SEE HMA SCHEDULE, SHEET 52, FOR BUMP OUT DETAILS

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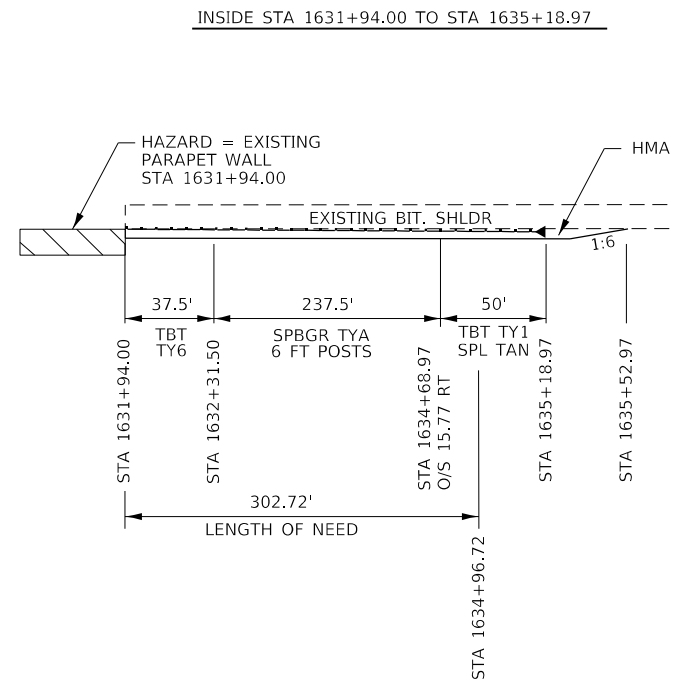
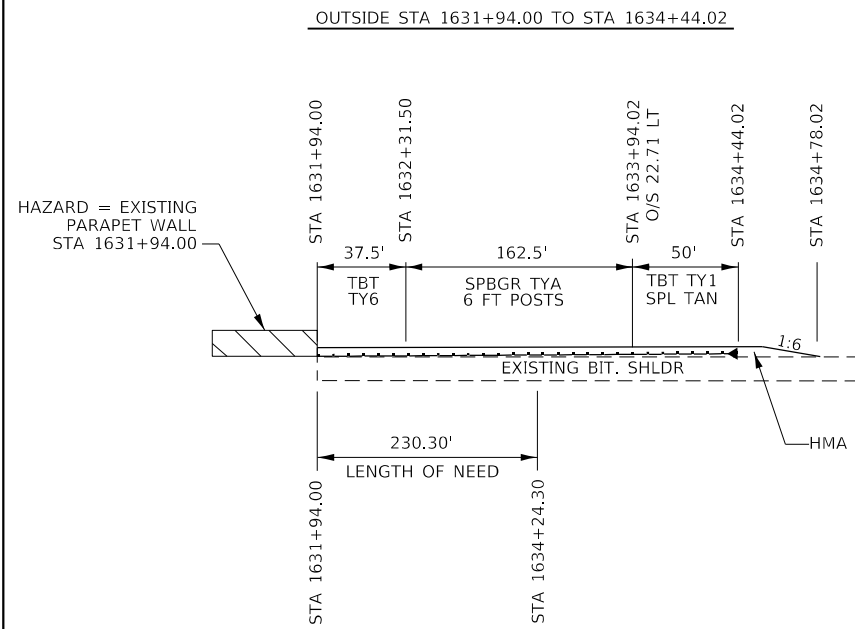
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	(37-3.4)RS-2	HENRY	142	105
CONTRACT NO. 64C06				
ILLINOIS		FED. AID PROJECT		

WESTBOUND (NB) GUARDRAIL DETAILS



SEE HMA SCHEDULE, SHEET 52,
FOR BUMP OUT DETAILS

NOTE: THE BEGINNING LENGTH OF NEED POINT
OF THE TERMINAL SHALL BE PLACED WITHIN
12FT. 6IN. OF THE LENGTH OF NEED POINT
SHOWN ON THE PLANS UNLESS OTHERWISE NOTED.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

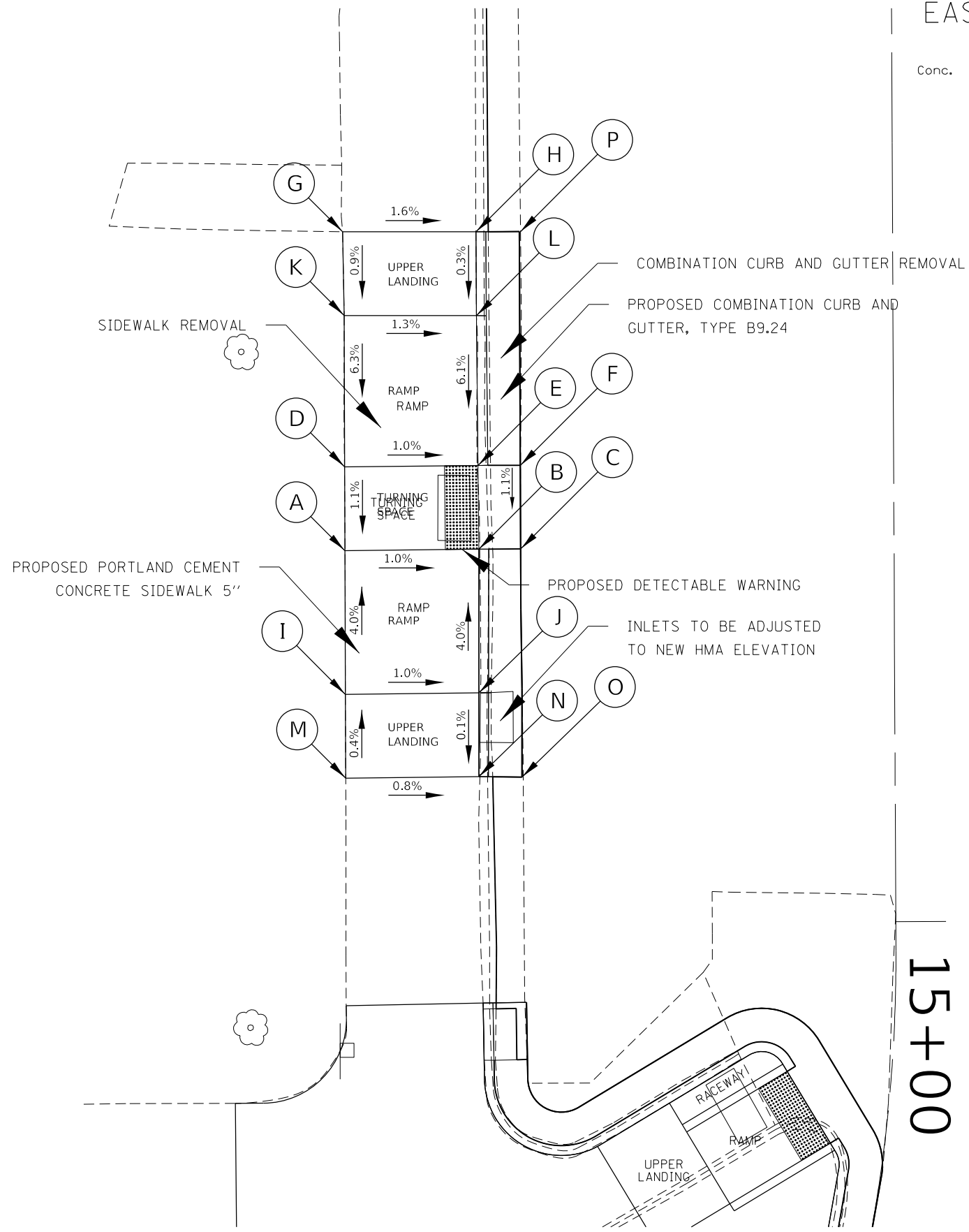
GUARDRAIL DETAILS

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	(37-3.4)RS-2	HENRY	142	107
CONTRACT NO. 64C06				
ILLINOIS		FED. AID PROJECT		

I-74 REST AREA
EASTBOUND/SOUTHBOUND

Conc.



15+00

POINT	STATION	OFFSET	SIDE	ELEVATION
A	14+77.71	32.79	RT	796.13
B	14+77.66	24.79	RT	796.05
C	14+77.65	22.31	RT	796.09 Δ
D	14+72.71	32.78	RT	796.18
E	14+72.66	24.82	RT	796.10
F	14+72.65	22.29	RT	796.14 Δ
G	14+58.68	32.84	RT	796.79 *
H	14+58.72	24.87	RT	796.66 *
I	14+86.28	32.80	RT	796.47
J	14+86.23	24.83	RT	796.39
K	14+63.68	32.76	RT	796.75
L	14+63.72	24.87	RT	796.65
M	14+91.28	38.80	RT	796.50 *
N	14+91.23	24.86	RT	796.38 *
O	14+91.28	22.27	RT	795.95 Δ
P	14+58.71	22.29	RT	796.24 Δ

* MATCH EXISTING ELEVATIONS
Δ ELEVATION TO TOP OF HMA OVERLAY

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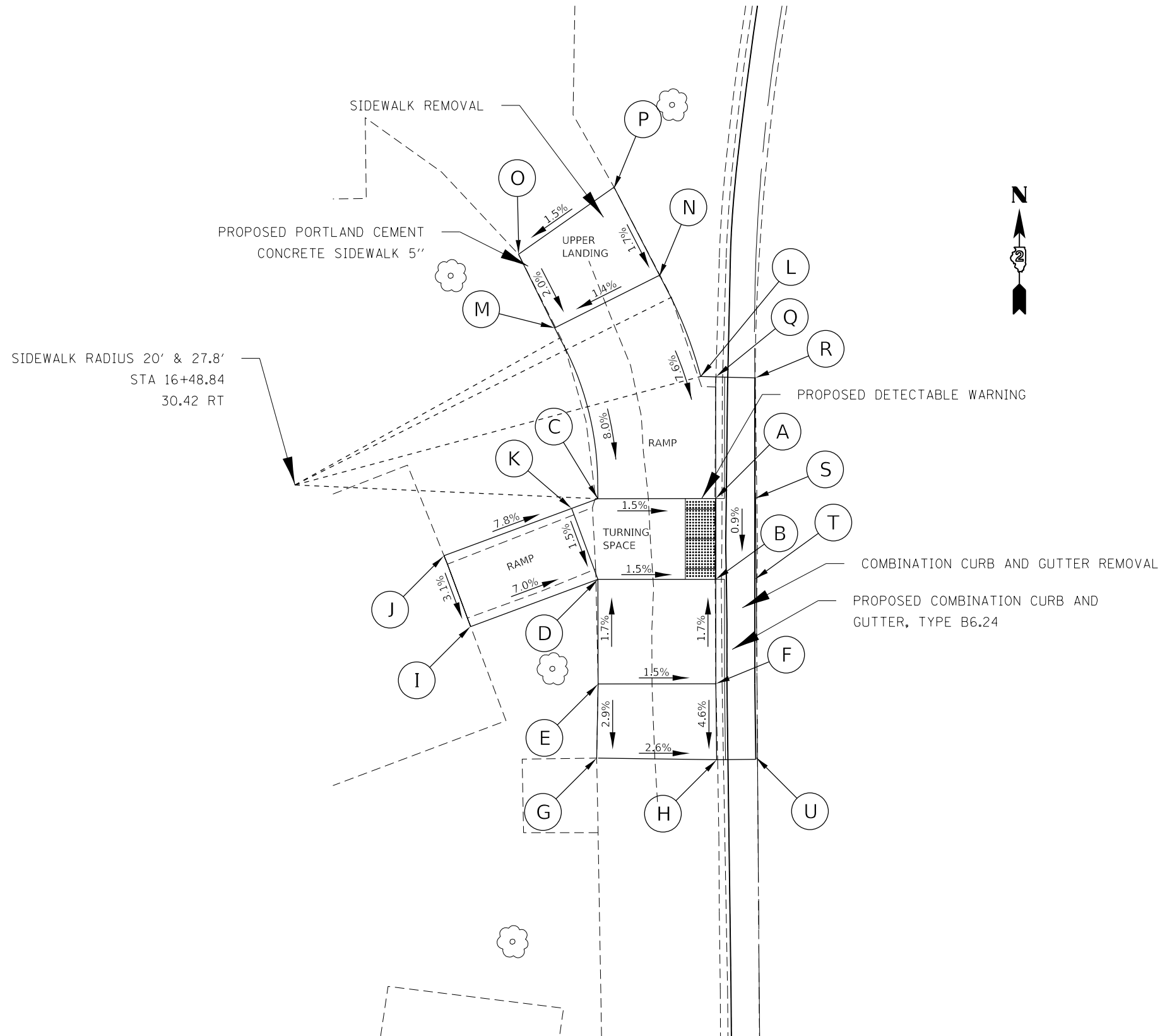
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
ADA LOCATION 1

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	(37-3.4)RS-2	HENRY	142	108
			CONTRACT NO. 64C06	
		ILLINOIS FED. AID PROJECT		

I-74 REST AREA EASTBOUND/SOUTHBOUND



POINT	STATION	OFFSET	SIDE	ELEVATION
A	16+49.94	2.64	RT	794.55
B	16+55.27	2.68	RT	794.50
C	16+49.89	10.42	RT	794.67
D	16+55.22	10.45	RT	794.62
E	16+62.13	10.49	RT	794.74
F	16+62.17	2.73	RT	794.62
G	16+67.02	10.53	RT	794.60 *
H	16+67.06	2.70	RT	794.40 *
I	16+58.28	18.89	RT	795.25 *
J	16+53.59	20.61	RT	795.40 *
K	16+50.52	12.16	RT	794.70
L	16+41.87	3.56	RT	795.15
M	16+38.73	13.19	RT	795.59
N	16+35.40	6.33	RT	795.69
O	16+34.40	15.68	RT	795.69 *
P	16+30.06	9.61	RT	795.80 *
Q	16+41.91	2.57	RT	795.03
R	16+42.00	0.02	LT	794.65 Δ
S	16+49.96	0.06	RT	794.59 Δ
T	16+55.29	0.09	RT	794.54 Δ
U	16+67.07	0.11	RT	794.39 Δ

* MATCH EXISTING ELEVATIONS
 Δ ELEVATION TO TOP OF HMA OVERLAY

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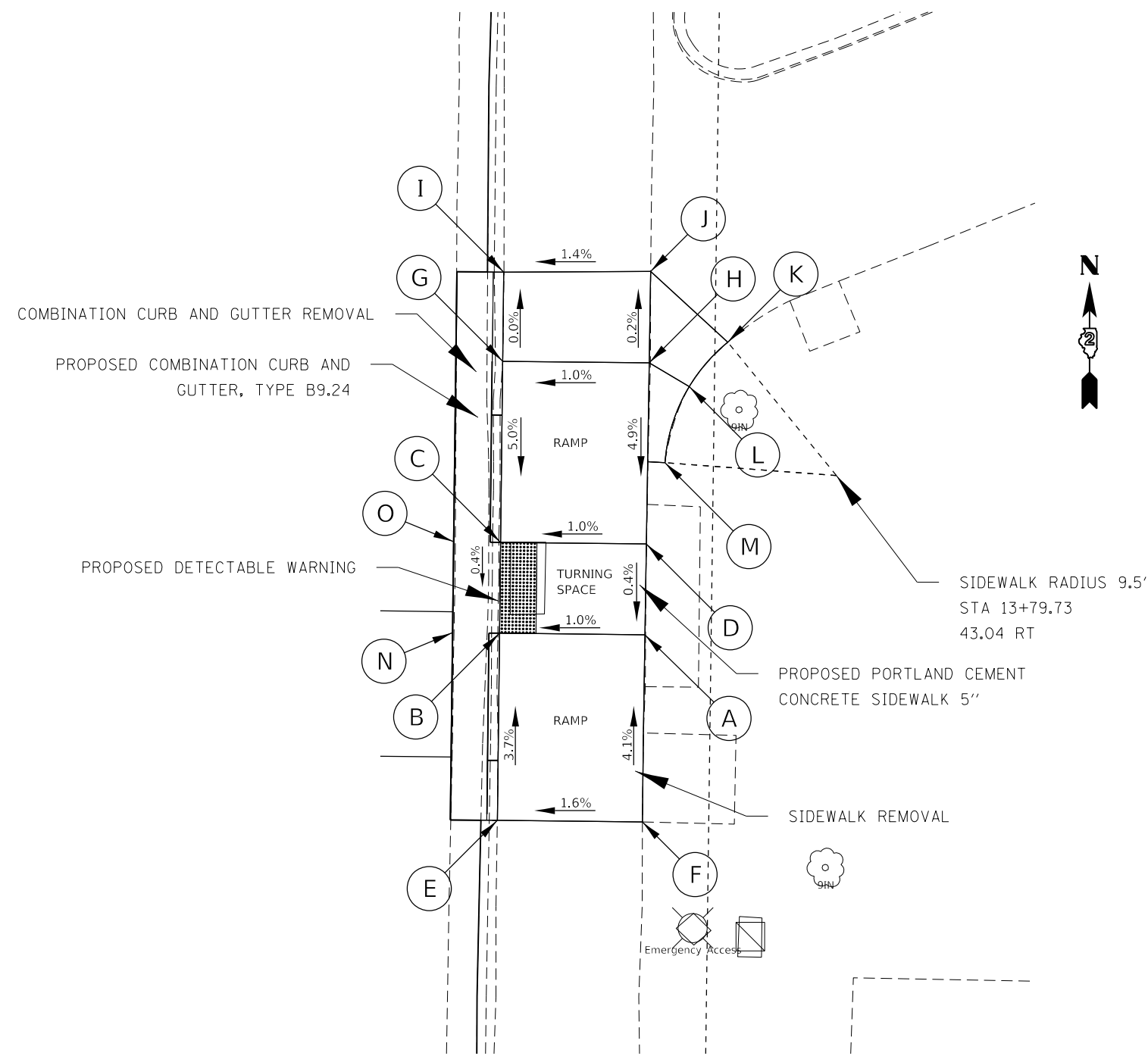
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAILS ADA LOCATION 3	
SCALE:	SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	(37-3.4)RS-2	HENRY	142	110
			CONTRACT NO. 64C06	
		ILLINOIS	FED. AID PROJECT	

I-74 REST AREA WESTBOUND/NORTHBOUND



POINT	STATION	OFFSET	SIDE	ELEVATION
A	13+70.81	32.62	RT	784.11
B	13+70.80	24.63	RT	784.03
C	13+75.80	24.62	RT	784.05
D	13+75.81	32.65	RT	784.13
E	13+60.50	24.65	RT	784.41*
F	13+60.52	32.63	RT	784.54*
G	13+85.75	24.60	RT	784.55
H	13+85.79	37.66	RT	784.68
I	13+90.66	24.59	RT	784.55*
J	13+90.81	32.67	RT	784.66*
K	13+86.97	36.96	RT	784.82*
L	13+84.54	34.88	RT	784.72
M	13+80.30	33.60	RT	784.56
N	13+70.79	22.05	RT	784.06 Δ
O	13+75.79	22.04	RT	784.08 Δ

* MATCH EXISTING ELEVATIONS

Δ ELEVATION TO TOP OF HMA OVERLAY

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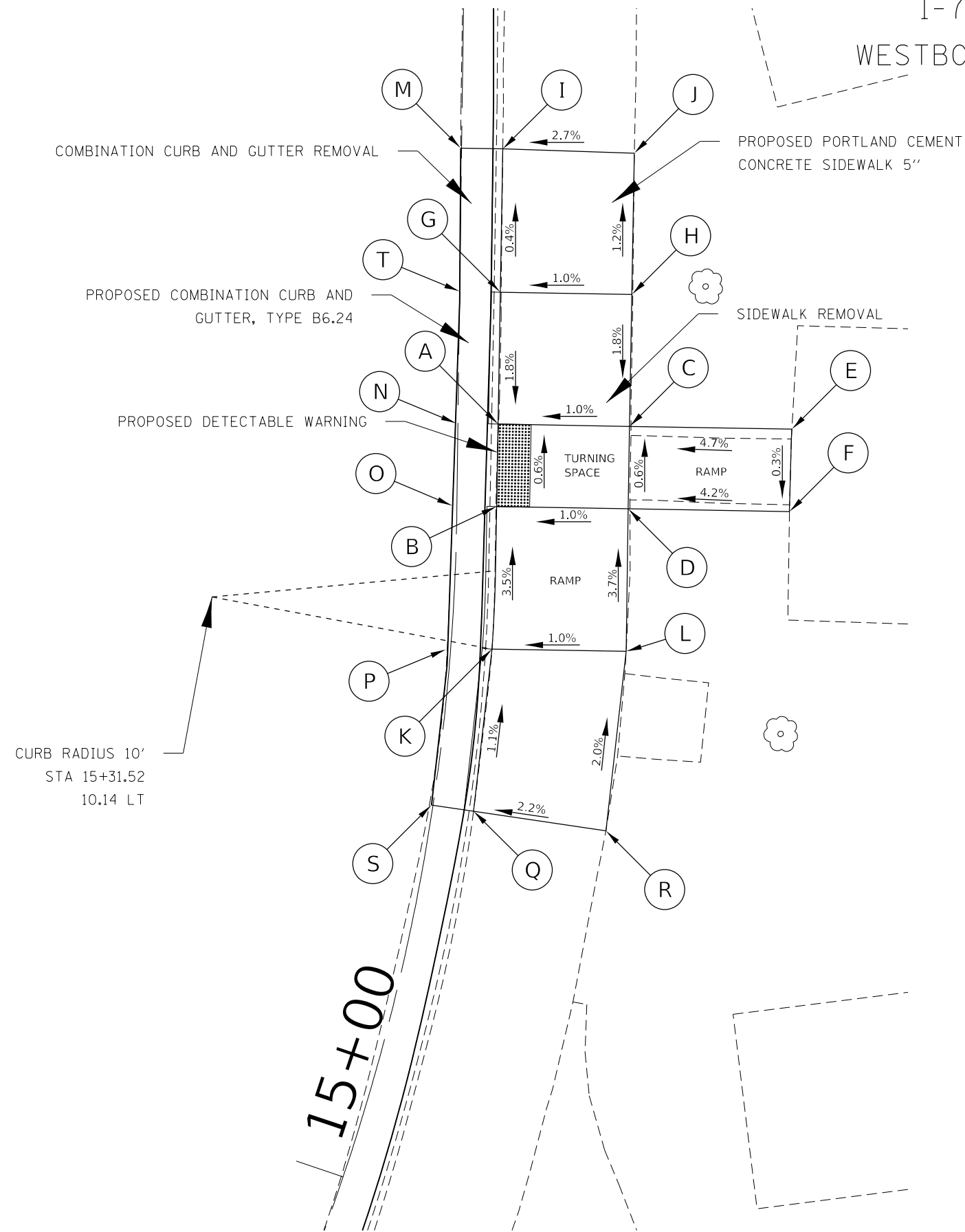
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS
ADA LOCATION 5**

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	(37-3.4)RS-2	HENRY	142	112
CONTRACT NO. 64C06			ILLINOIS FED. AID PROJECT	

I-74 REST AREA
WESTBOUND/NORTHBOUND



POINT	STATION	OFFSET	SIDE	ELEVATION
A	15+46.43	2.43	RT	783.56
B	15+41.43	2.41	RT	783.59
C	15+46.39	10.40	RT	783.64
D	15+41.39	10.38	RT	783.67
E	15+46.35	20.25	RT	784.10 *
F	15+41.35	20.17	RT	784.08 *
G	15+54.43	2.46	RT	783.70
H	15+54.39	10.44	RT	783.78
I	15+63.12	2.50	RT	783.67 *
J	15+62.96	10.47	RT	783.88 *
K	15+32.93	2.50	RT	783.89
L	15+33.37	10.63	RT	783.97
M	15+63.13	0.05	LT	783.51 Δ
N	15+46.44	0.16	LT	783.60 Δ
O	15+41.44	0.26	LT	783.63 Δ
P	15+32.92	0.21	LT	783.72 Δ
Q	15+23.22	2.49	RT	784.00 *
R	15+23.24	10.61	RT	784.18 *
S	15+23.22	0.10	LT	783.86 Δ
T	15+54.44	0.00	LT	783.55 Δ

* MATCH EXISTING ELEVATIONS

Δ ELEVATION TO TOP OF HMA OVERLAY

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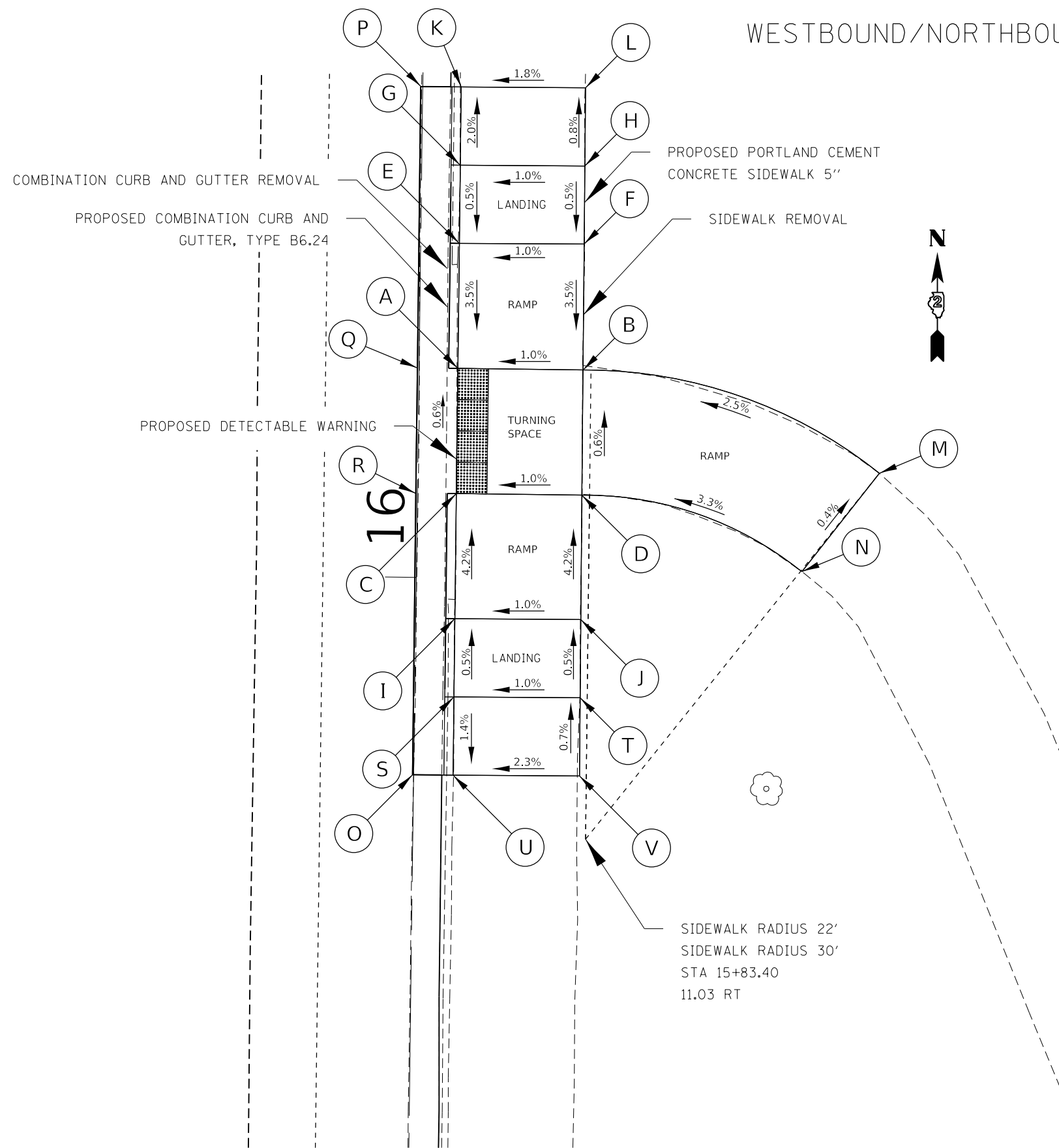
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
ADA LOCATION 7

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	(37-3.4)RS-2	HENRY	142	114
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C06	

I-74 REST AREA WESTBOUND/NORTHBOUND



POINT	STATION	OFFSET	SIDE	ELEVATION
A	16+13.39	2.48	RT	783.29
B	16+13.40	10.48	RT	783.37
C	16+05.39	2.49	RT	783.33
D	16+05.40	10.52	RT	783.41
E	16+21.39	2.47	RT	783.56
F	16+21.45	10.44	RT	783.64
G	16+26.39	2.45	RT	783.59
H	16+26.45	10.42	RT	783.67
I	15+97.39	2.50	RT	783.67
J	15+97.45	10.55	RT	783.75
K	16+31.39	2.40	RT	783.49 *
L	16+31.45	10.38	RT	783.63 *
M	16+07.05	29.51	RT	783.87 *
N	16+00.69	24.64	RT	783.90 *
O	15+87.37	0.07	LT	783.46 Δ
P	16+31.39	0.13	LT	783.28 Δ
Q	16+13.39	0.02	LT	783.33 Δ
R	16+05.39	0.05	LT	783.37 Δ
S	15+92.39	2.51	RT	783.69
T	15+92.45	10.56	RT	783.77
U	15+87.39	2.55	RT	783.62 *
V	15+87.44	10.46	RT	783.81 *

* MATCH EXISTING ELEVATIONS
 Δ ELEVATION TO TOP OF HMA OVERLAY

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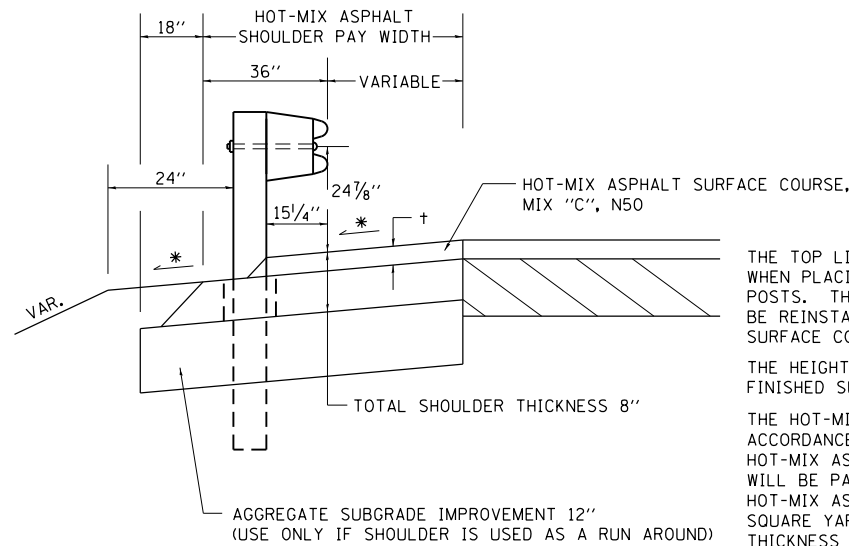
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS
ADA LOCATION 8**

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	(37-3.4)RS-2	HENRY	142	115
			CONTRACT NO. 64C06	
		ILLINOIS	FED. AID PROJECT	

DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL



+ = SEE TYPICAL SECTIONS FOR THICKNESS

GENERAL NOTES

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

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

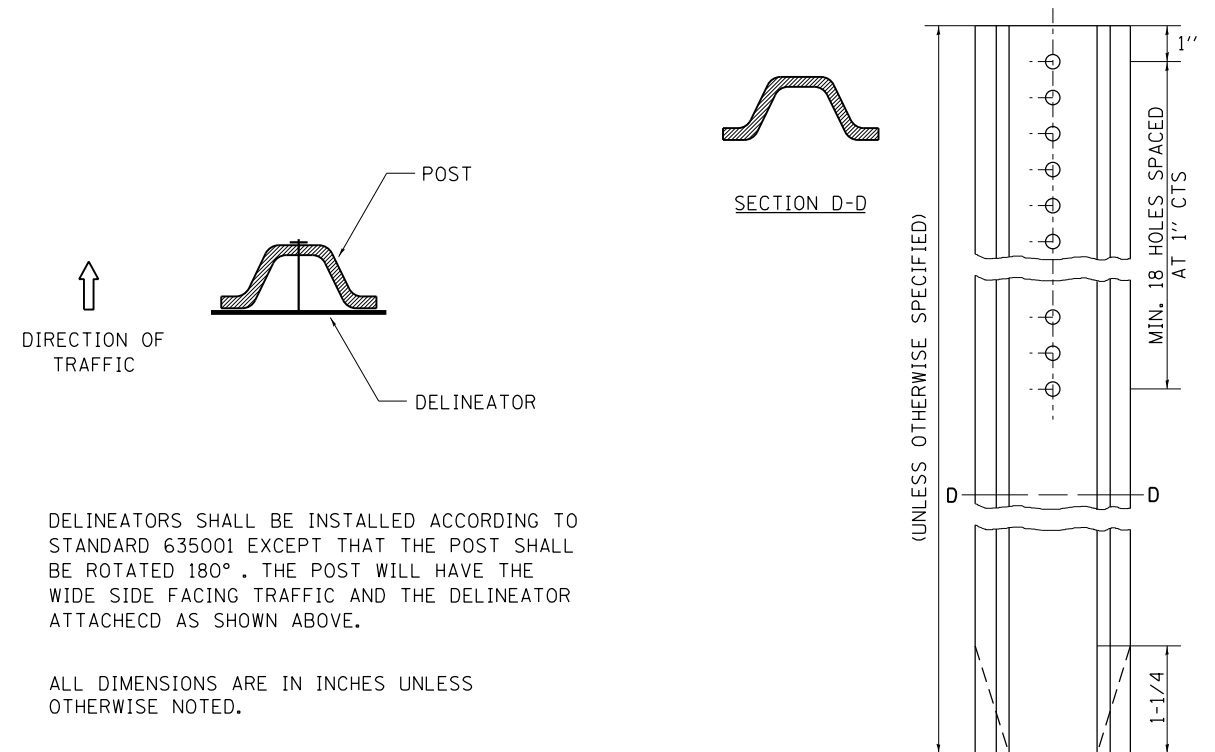
THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT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

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

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

DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL 23.4

DELINEATOR AND POST ORIENTATION



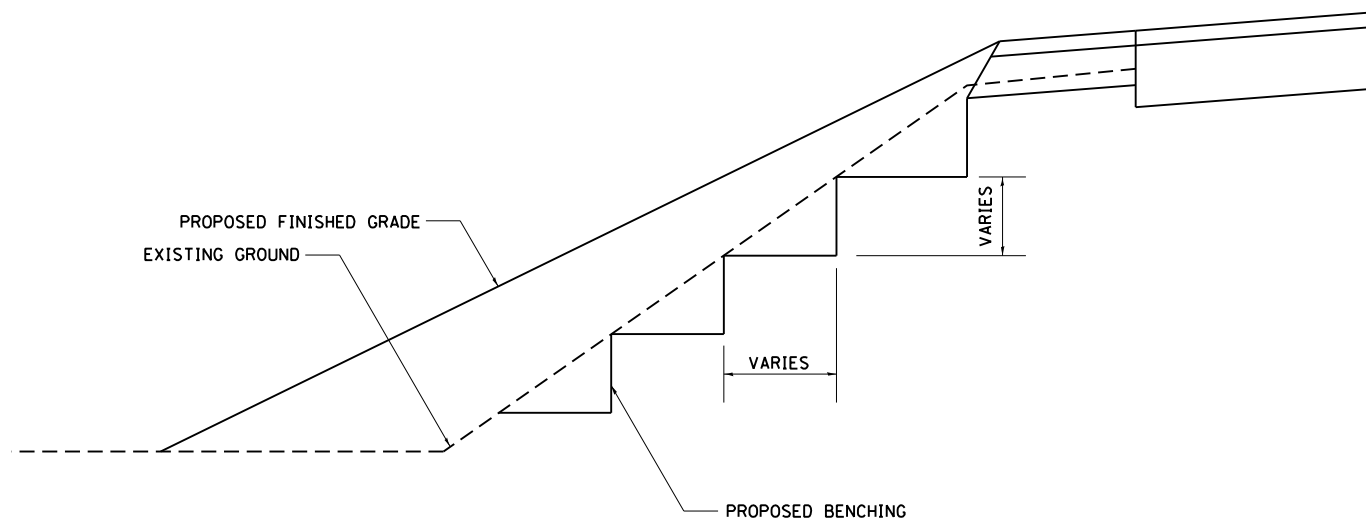
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

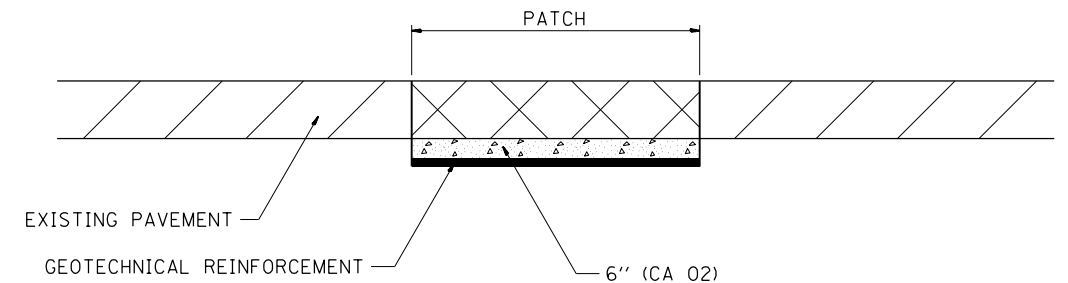
TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

SUBGRADE REPLACEMENT



NOTES:

THE CA 02 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-13-13
 REVISED -
 REVISED -
 REVISED -

REGION 2 / DISTRICT 2 STANDARD

SCALE: 100,0000' / 1" SHEET NO. 1 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-3,4)RS-2	HENRY	142	116
CONTRACT NO. 64C06				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

SUBGRADE REPLACEMENT 97.4

PLOT DATE = May-06-2015 09:09:20 AM

TYPICAL MEDIAN CROSSOVER CLOSURE

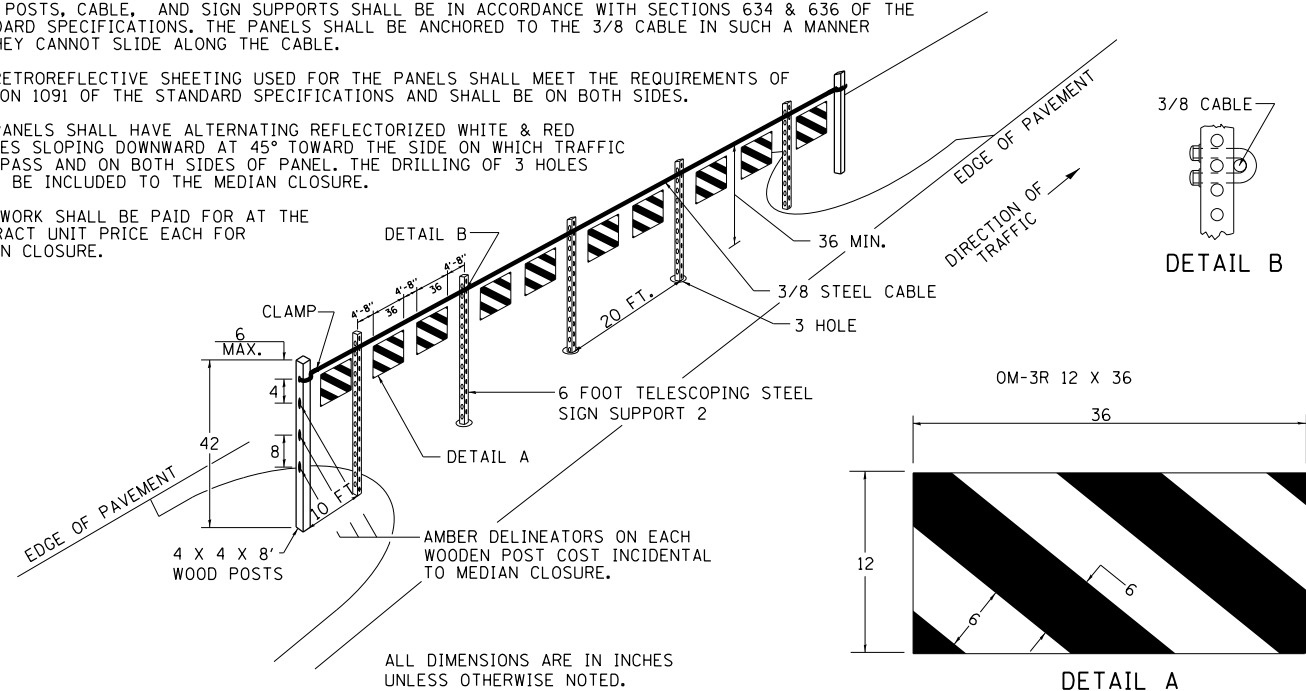
GENERAL NOTES

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.

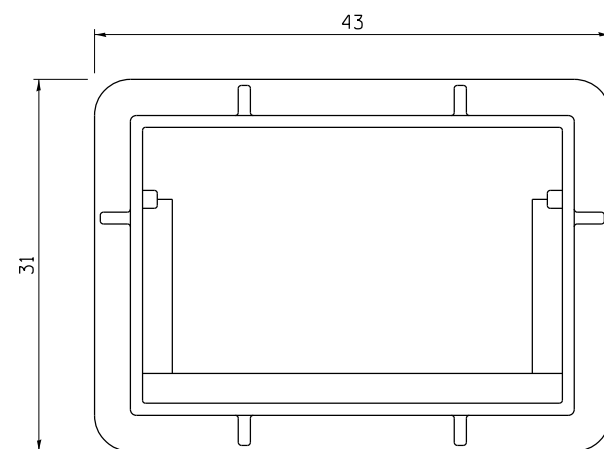
THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MEDIAN CLOSURE.



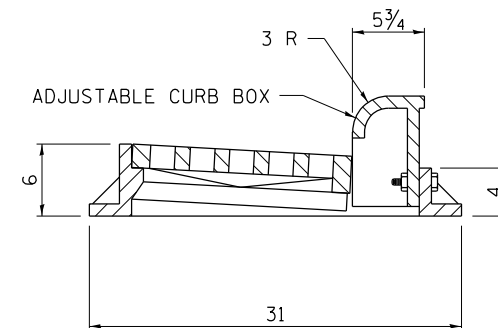
REVISED - 1-05-16
REVISED - 1-16-12

TYPICAL MEDIAN CROSSOVER CLOSURE 98.4

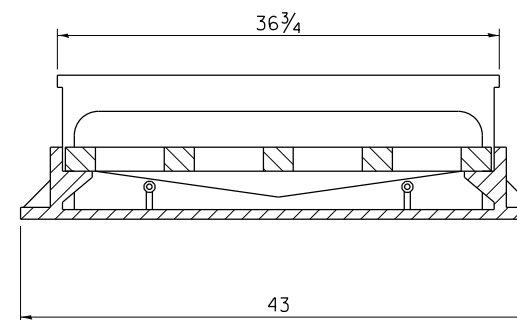
FRAME AND GRATE FOR INLETS, SPECIAL



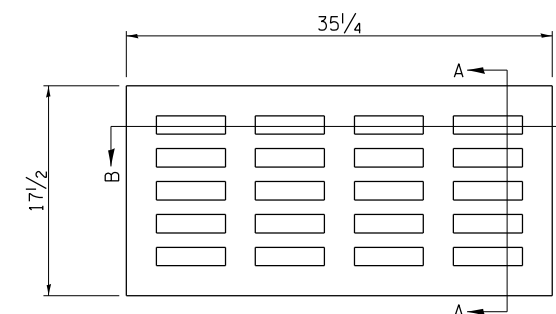
PLAN OF FRAME
WITHOUT GRATE AND CURB BOX



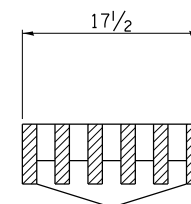
TRANSVERSE SECTION



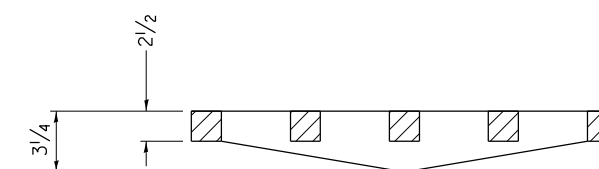
LONGITUDINAL SECTION



PLAN OF GRATE



SECTION A-A



SECTION B-B

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

R 3246 OR EQUIVALENT
APPROXIMATE WEIGHT - 495 LBS.

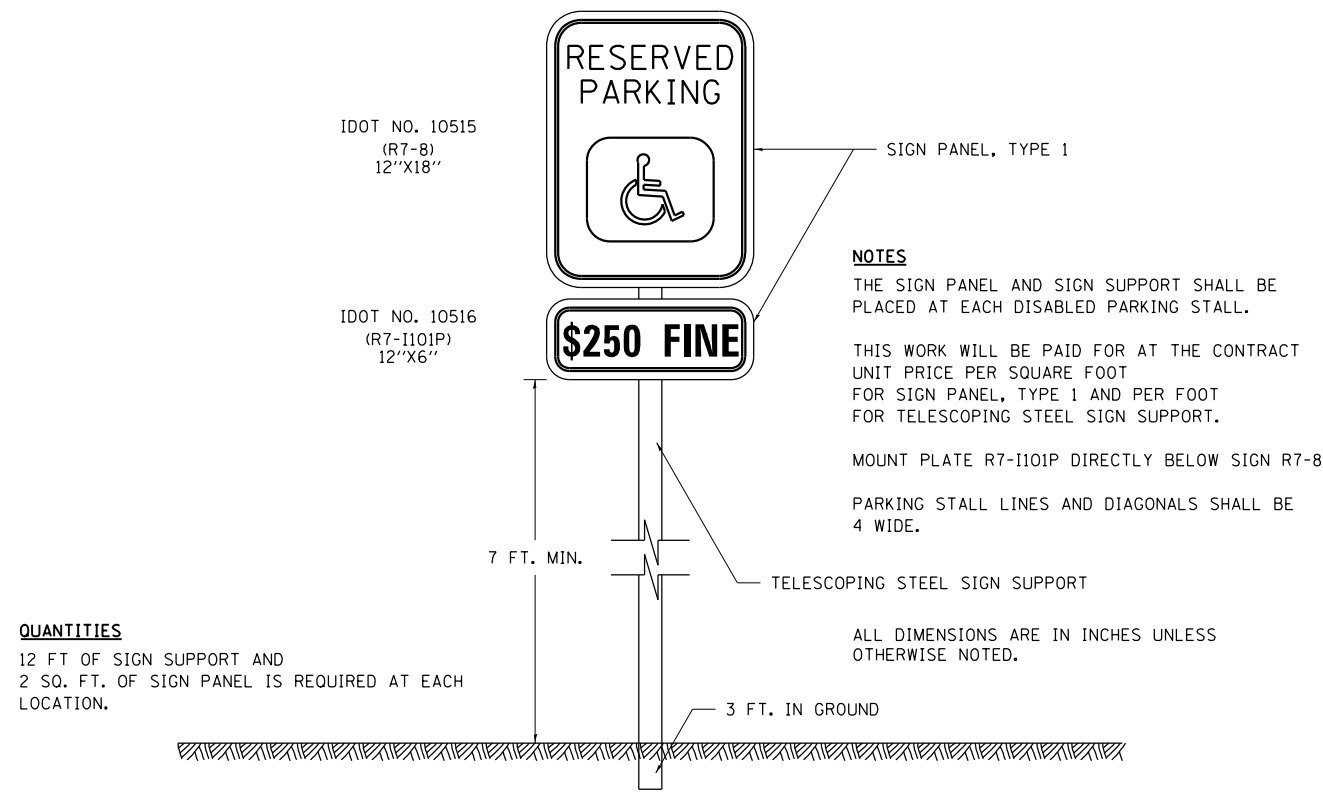
REVISED - 6-27-14
REVISED - 10-13-11
REVISED -
REVISED -

REGION 2 / DISTRICT 2 STANDARD

SCALE: 100.0000' / 1" SHEET NO. 2 OF 15 SHEETS STA. TO STA.

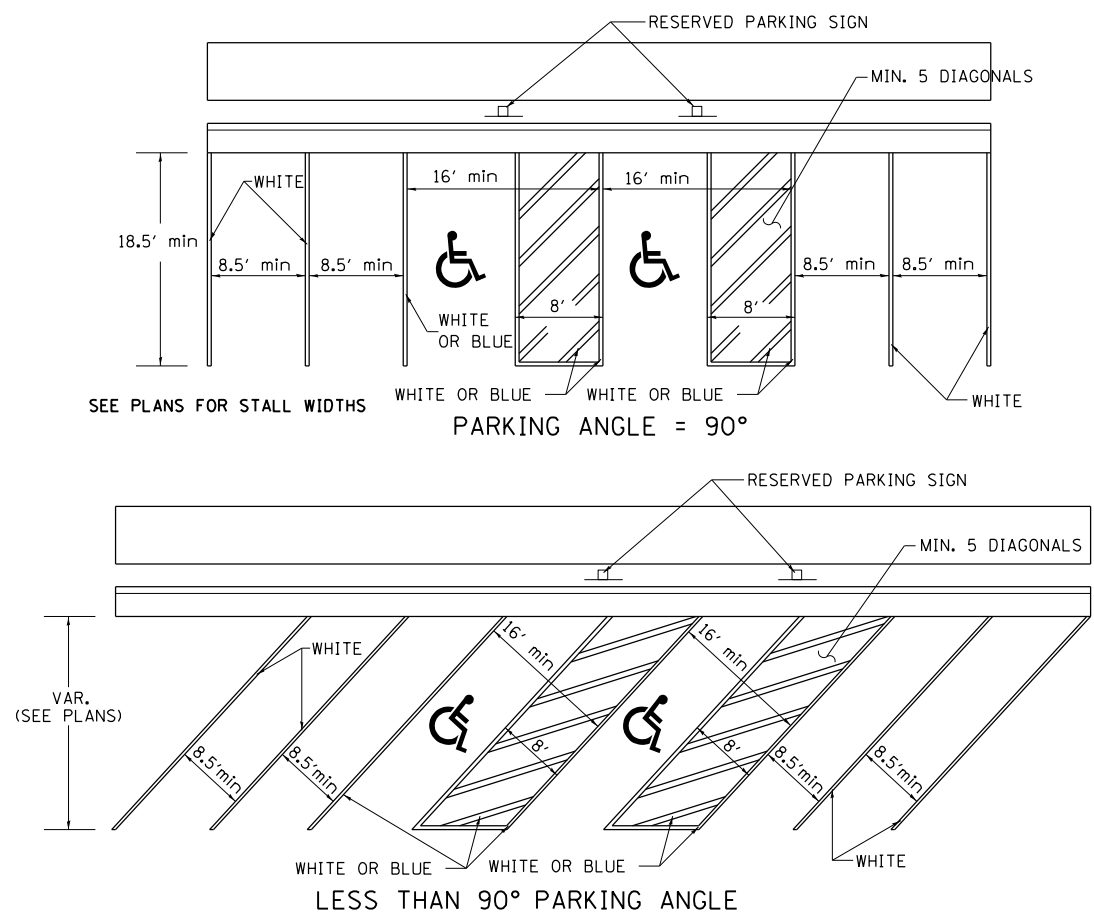
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-3,4)RS-2	HENRY	142	117
CONTRACT NO. 64C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RESERVED PARKING SIGN DETAIL



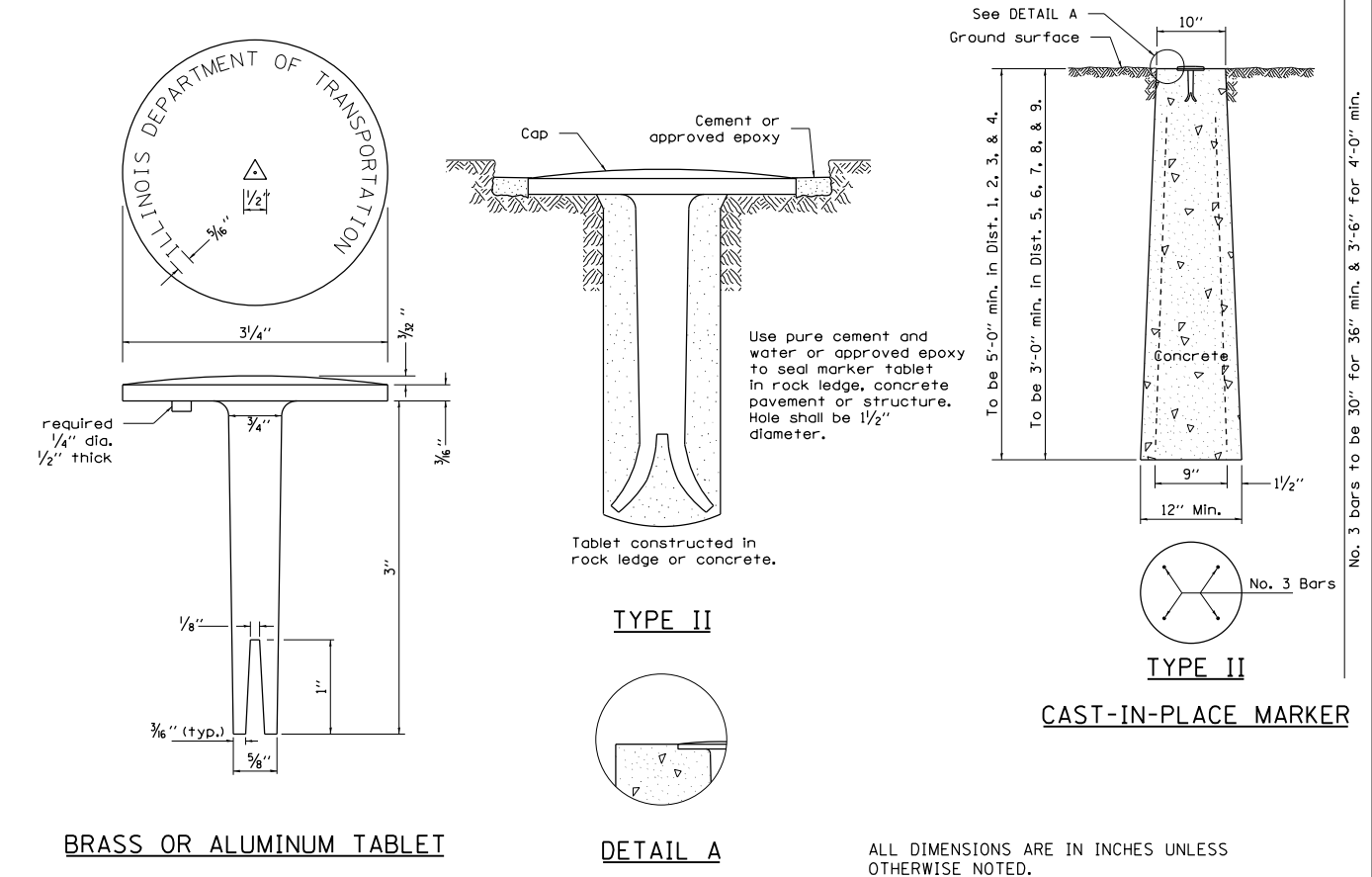
QUANTITIES
 12 FT. OF SIGN SUPPORT AND
 2 SQ. FT. OF SIGN PANEL IS REQUIRED AT EACH LOCATION.

DISABLED PARKING STRIPING

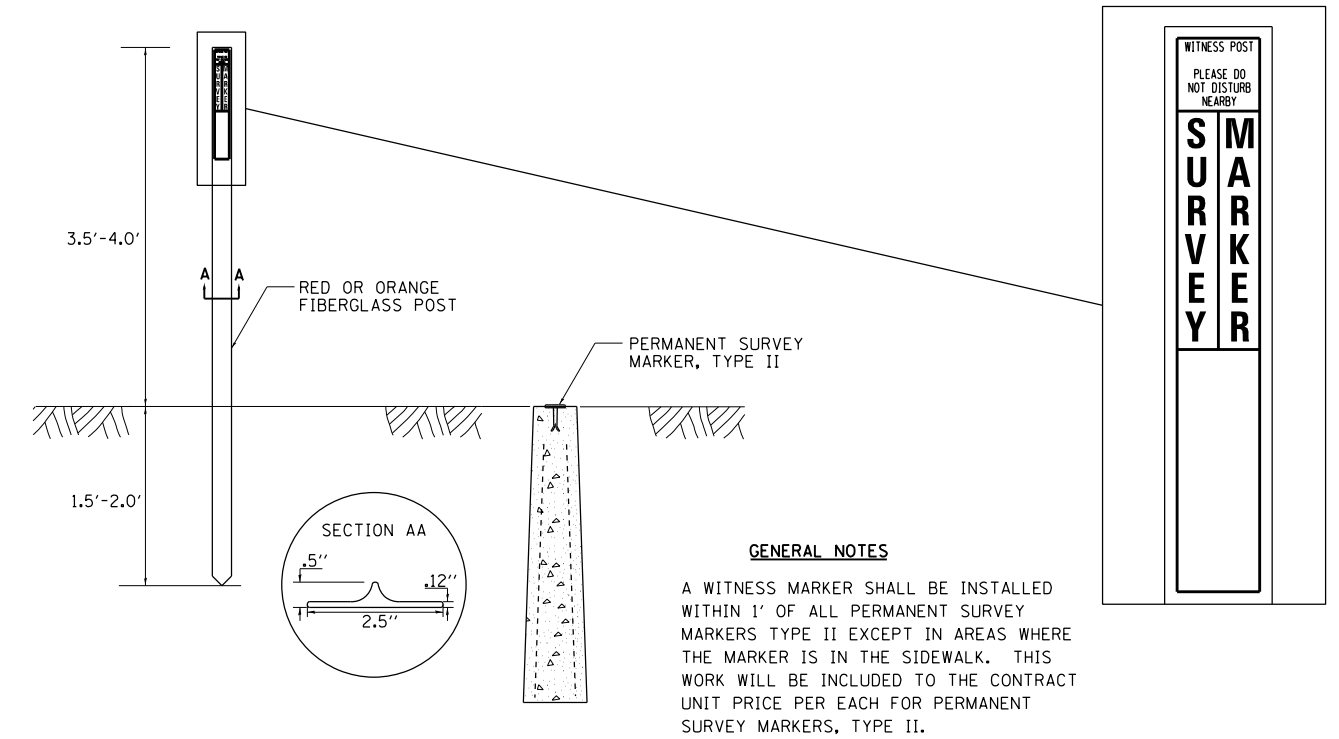


REVISED - 4-19-18
 REVISED - 1-05-16
 REVISED - 6-27-14
 10-14-11

PERMANENT SURVEY MARKERS, TYPE II



WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II

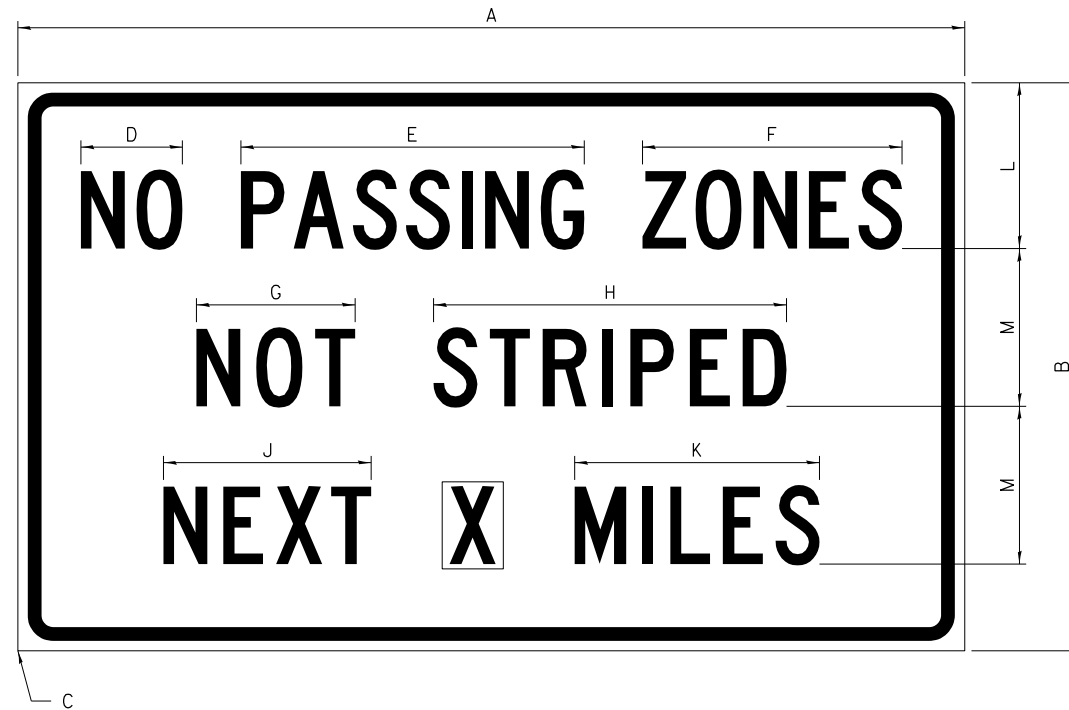


REVISED - 6-27-14	REGION 2 / DISTRICT 2 STANDARD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-14-11		74	(37-3,4)RS-2	HENRY	142	118
REVISED -		CONTRACT NO. 64C06				
REVISED -		SCALE: 100,0000 ' / 1"	SHEET NO. 3 OF 15 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

PLOT DATE = May-06-2015 09:10:08 AM

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



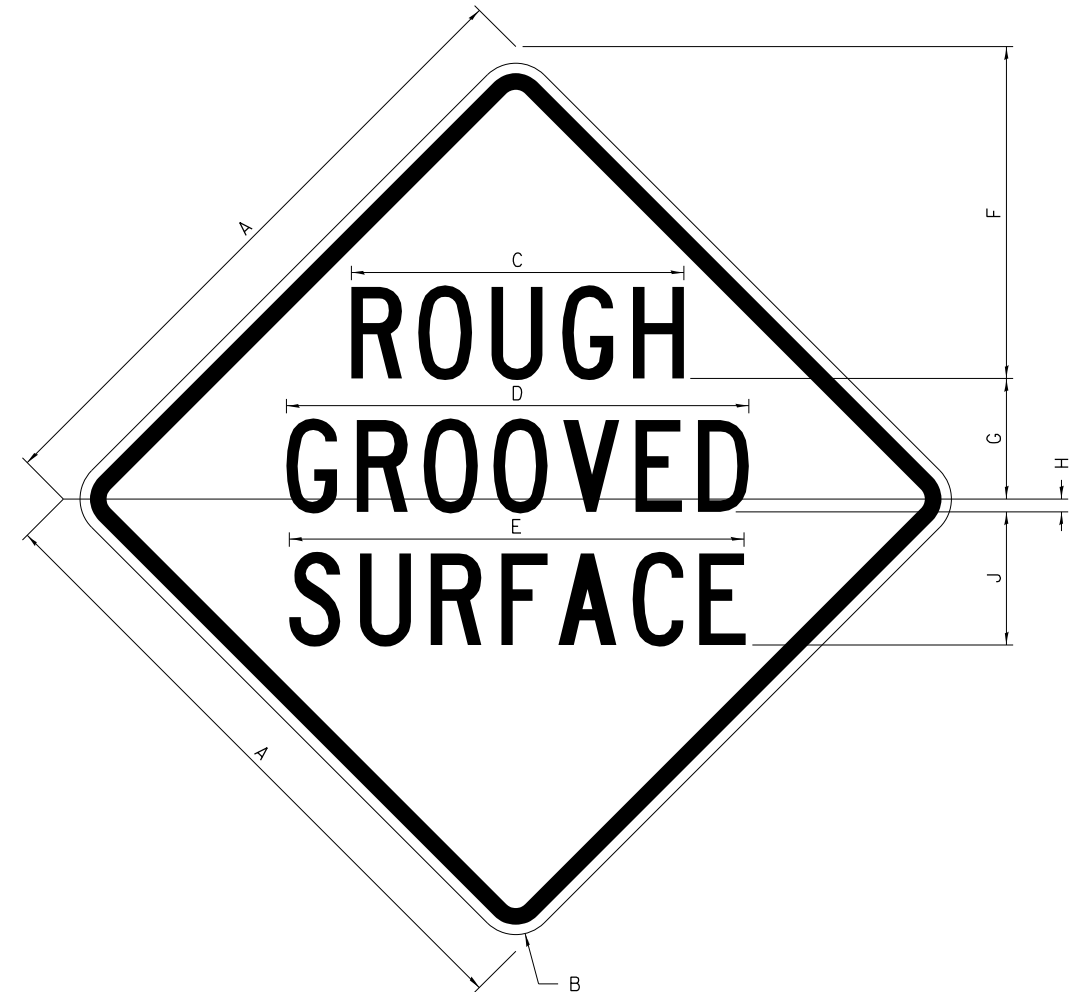
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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

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

Sign not to scale

ILLINOIS STANDARD W8-I107



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

GENERAL NOTES

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

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

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

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = bartonw	DESIGNED -	REVISED - 3-02-16
pw:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P202906\DRAWING\CABsheets\P202906-sht-standard		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

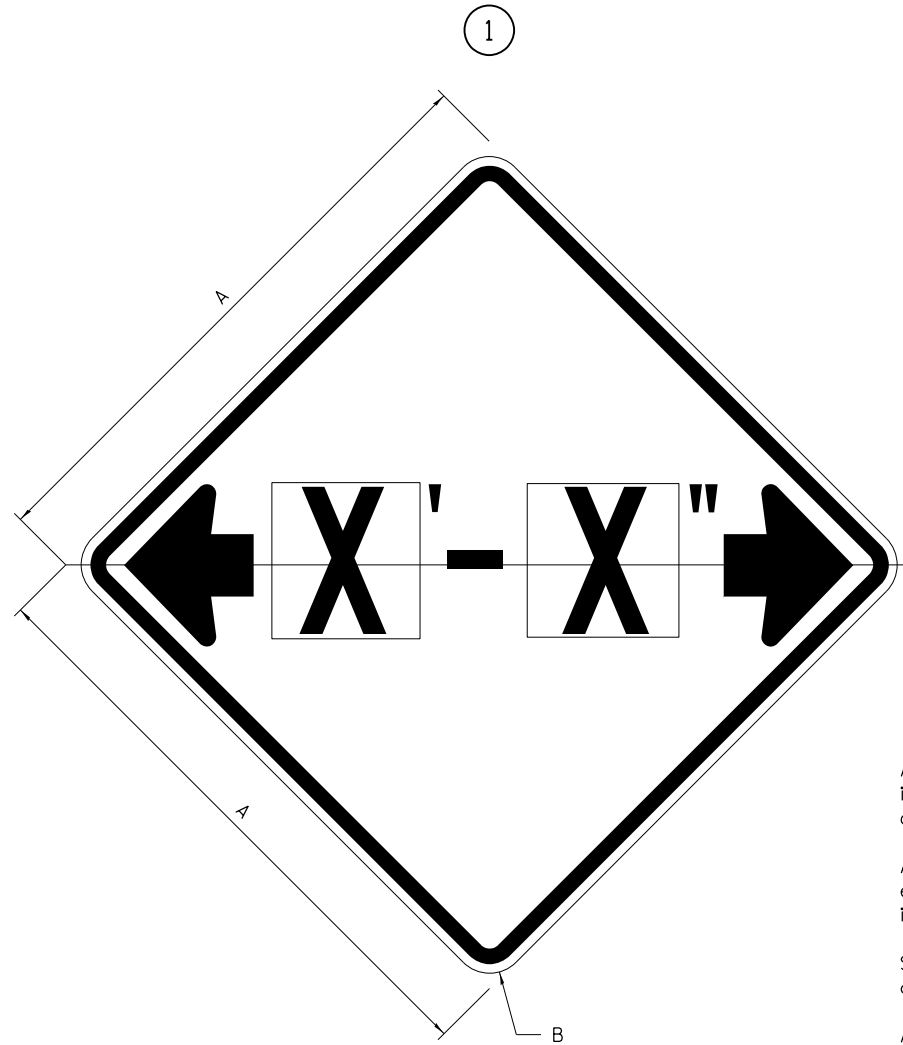
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. 4 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-3,4)RS-2	HENRY	142	119
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C06	

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

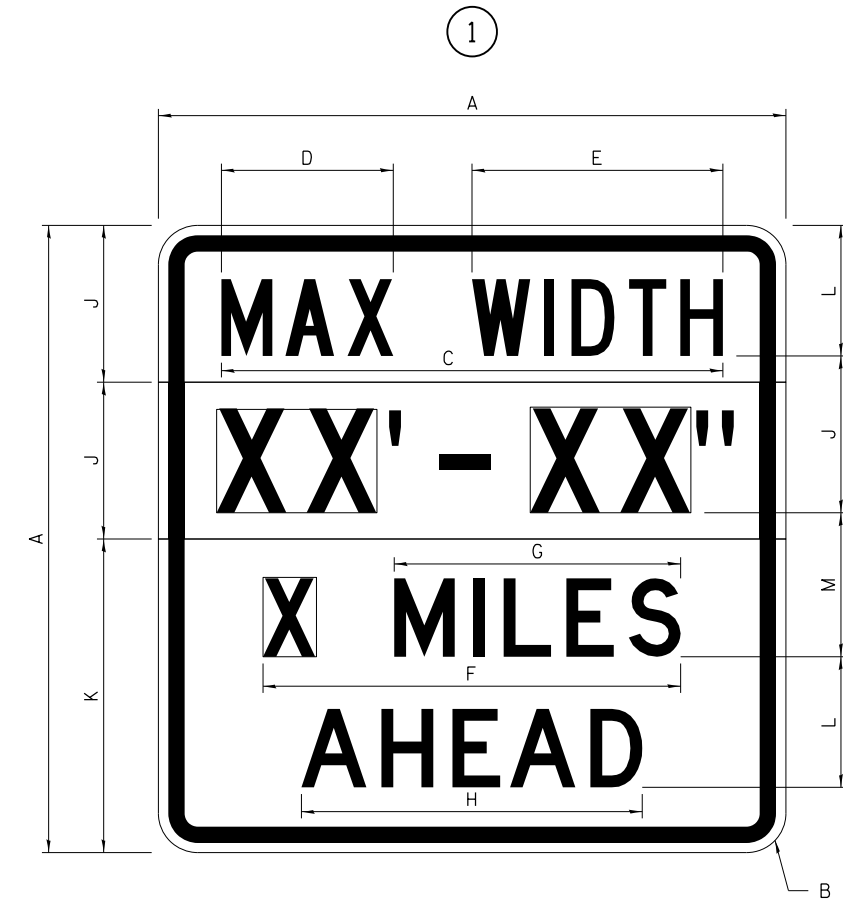
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

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 (WIDTH) BLACK WHITE FL ORANGE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

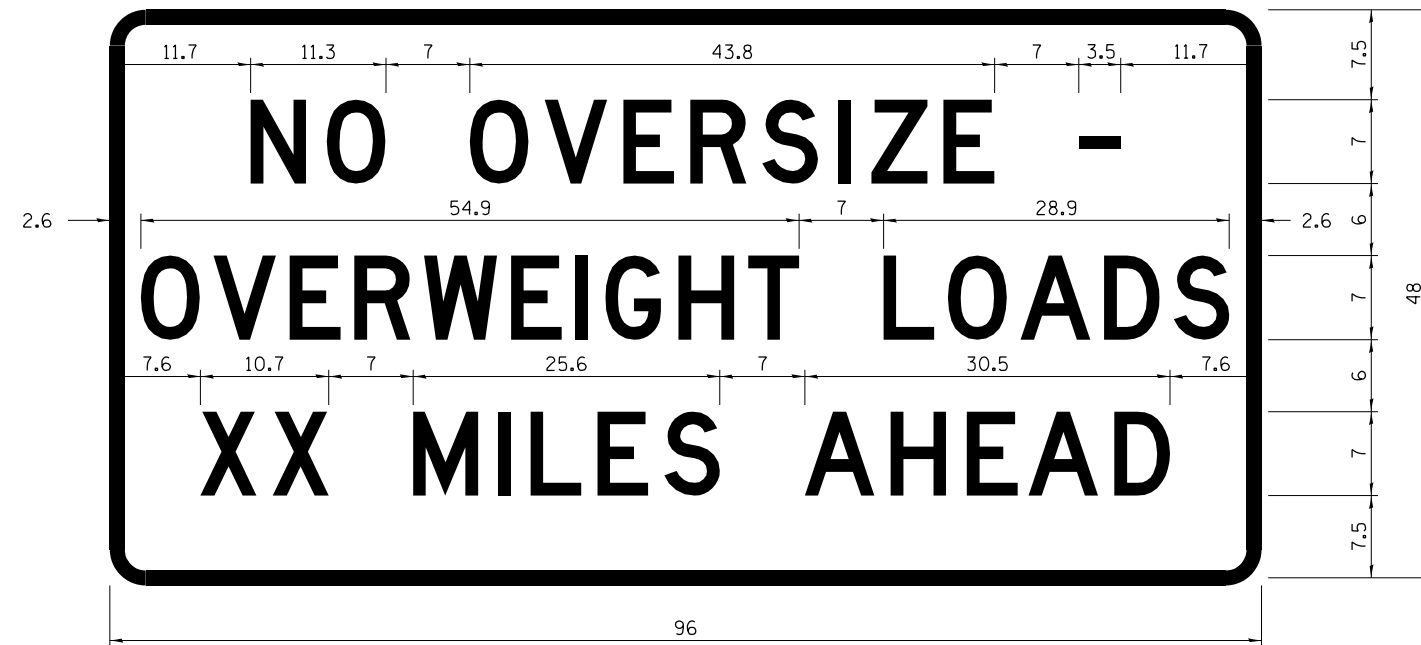
XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME =	USER NAME = bartonw	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\2022\22-0000\22-0000-CAB\22-0000-sht-standard	DRAWN -	CHECKED -	REVISED -			74	(37-3,4)RS-2	HENRY	142	120
PLOT SCALE = 100.0000' / 1in.	DATE -	REVISOR -	SCALE:			CONTRACT NO. 64C06		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE NON-REFLECTORIZED REFLECTORIZED

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

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

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

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

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

Sign not to scale

Sign not to scale

GENERAL NOTES

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

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

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

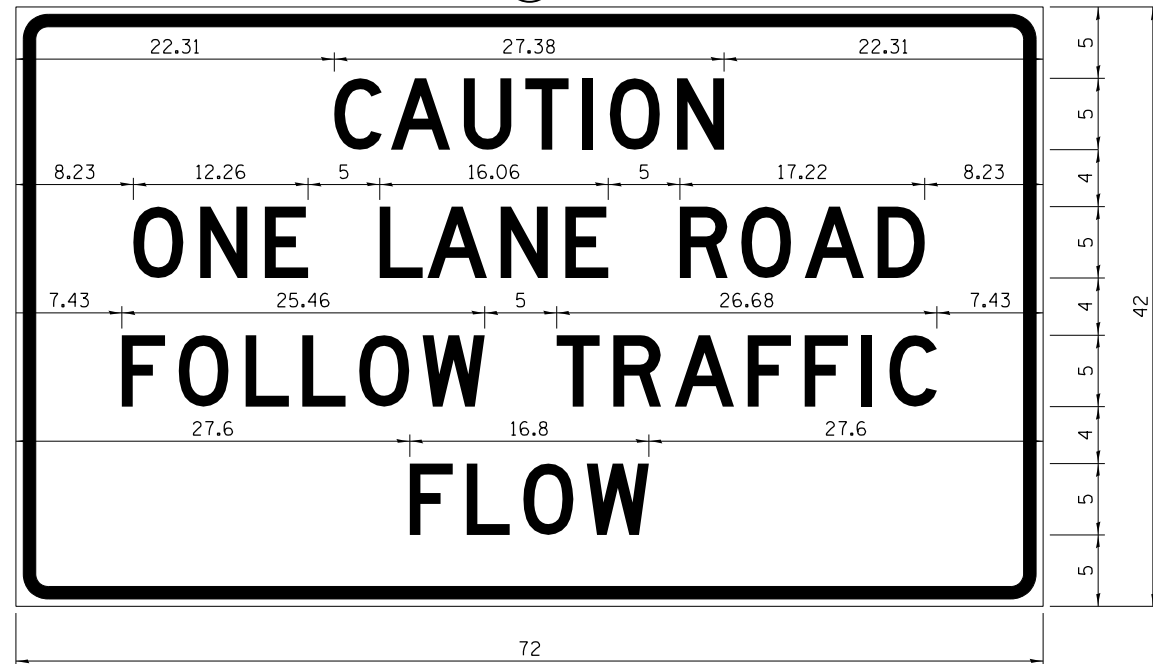
All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = bartonw	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P202906\DRAWING\CAB\sheet\p202906-sht-standard	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			74	(37-3,4)RS-2	HENRY	142	121
PLOT DATE = May-06-2019 09:10:57 AM	DATE -	REVISED -	REVISED -			CONTRACT NO. 64C06				
						SCALE:	SHEET NO. 6 OF 15 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS

②



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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

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

Table Of Widths And Spaces

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

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

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

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

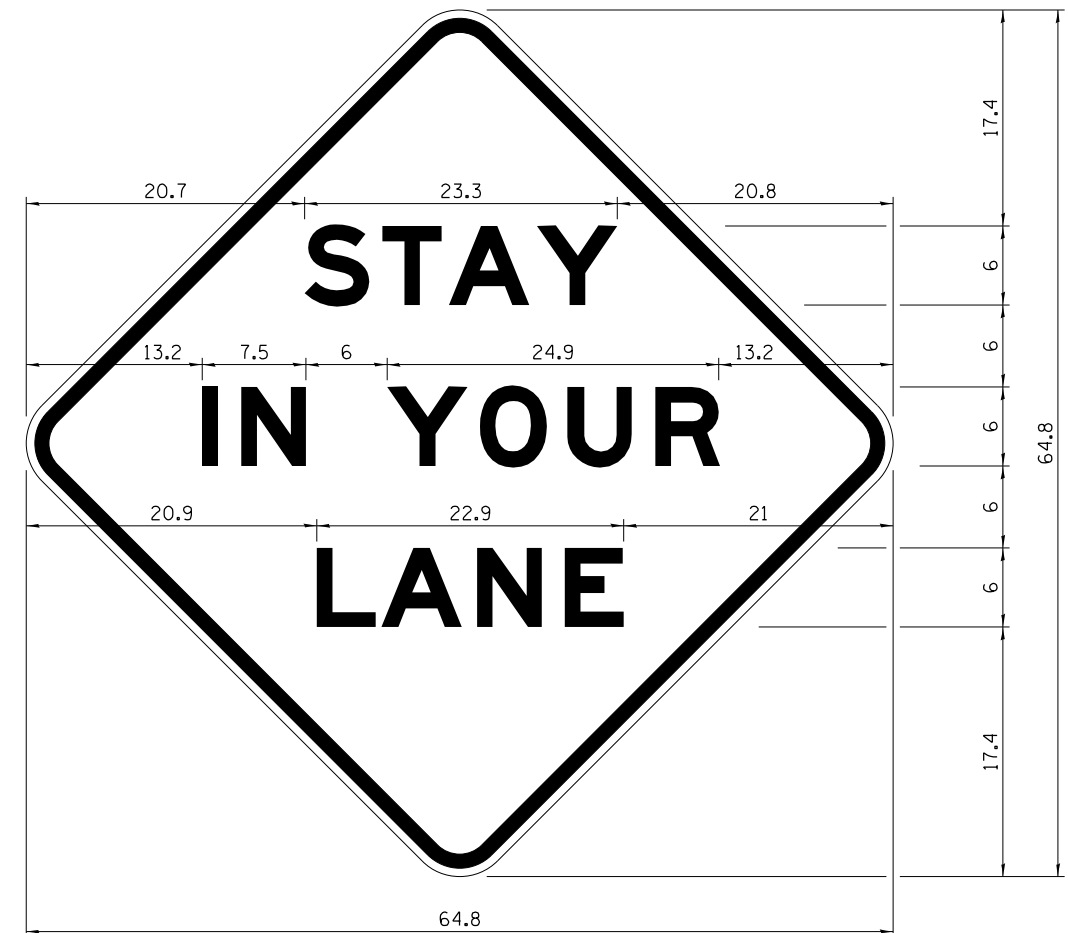
7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

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

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

Sign not to scale

STAY IN YOUR LANE



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S	T	A	Y
20.7	26.8	31.6	38.0

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

L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

GENERAL NOTES

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

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

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

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = bartonrw	DESIGNED -	REVISED - 3-02-16
pw:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P2029\DRAWING\CABsheets\P202906-sht-standard		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = May-06-2019 09:11:15 AM	DATE -	REVISED -

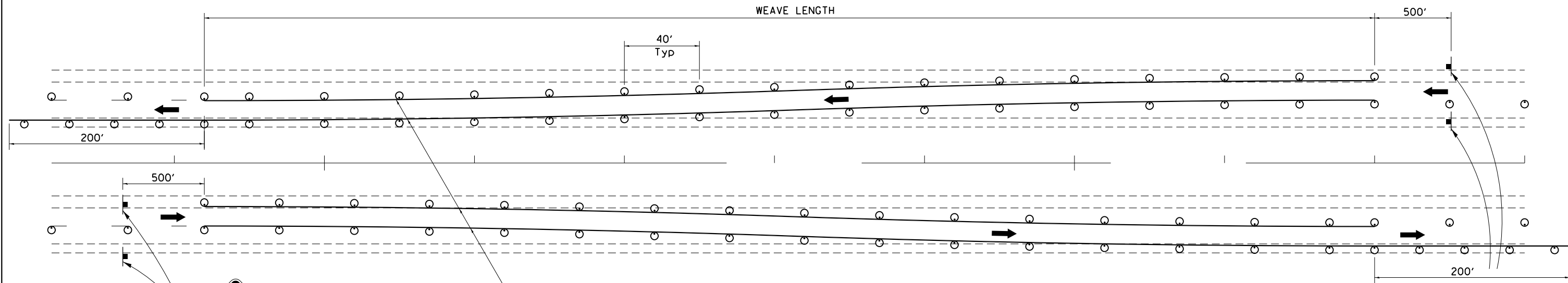
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

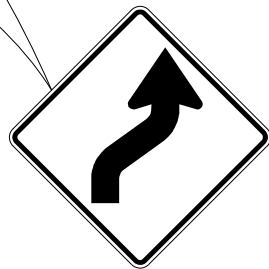
SCALE: SHEET NO. 7 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-3,4)RS-2	HENRY	142	122
CONTRACT NO. 64C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

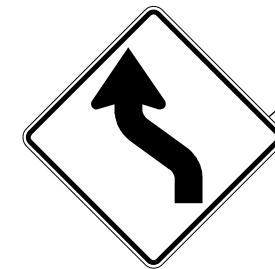
TRAFFIC CONTROL TYPICAL WEAVE



Temporary Pavement Marking required if Typical Weave is used for 14 days or more.



W1-4R(O)-48



W1-4L(O)-48

SYMBOLS

- DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- SIGN

STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	WEAVE LENGTH
65 MPH OR HIGHER	780 FT.
55 MPH	660 FT.
45 MPH	540 FT.

GENERAL NOTES:

USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.

USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.

TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.

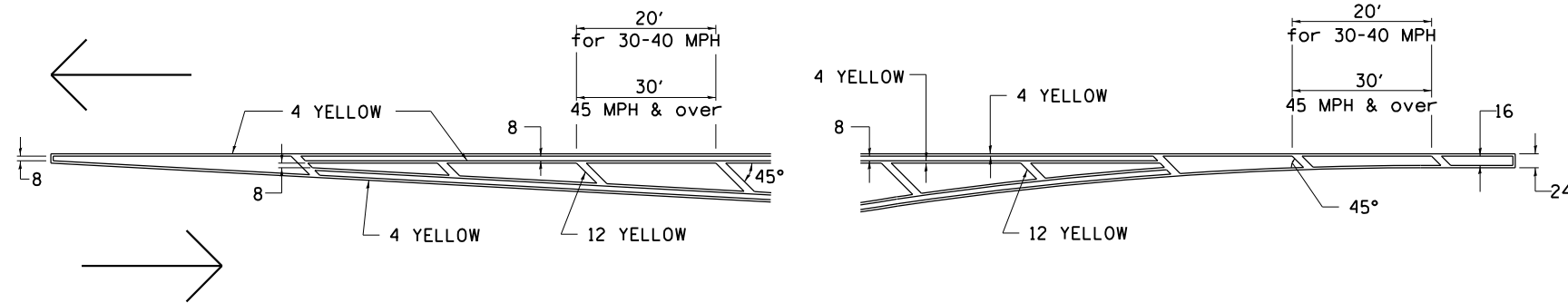
TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

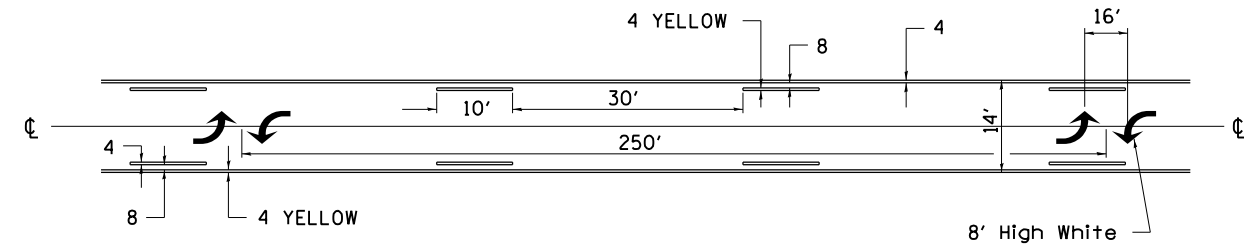
FILE NAME =	USER NAME = bartonrw	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P202906\DRAWING\CABsheets\P202906-sht-standard	DRAWN -	REVISED - 6-27-14	74			37-3,4)RS-2	HENRY	142	123	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - 8-27-13	CONTRACT NO. 64C06							
PLOT DATE = May-06-2019 09:11:49 AM	DATE -	REVISED - 10-17-11	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

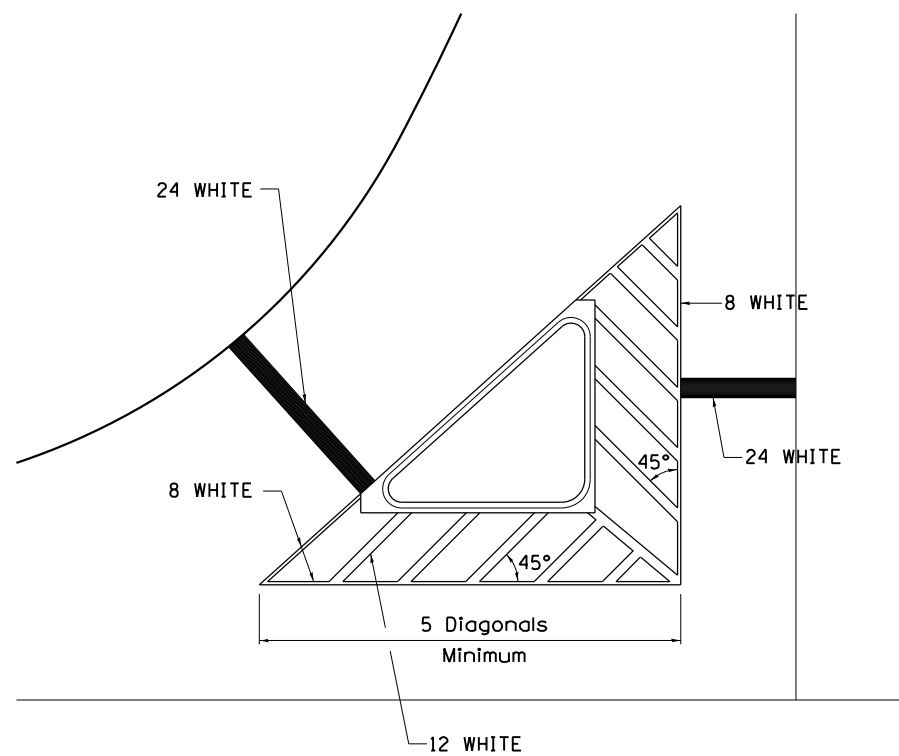


MEDIAN PAVEMENT MARKING



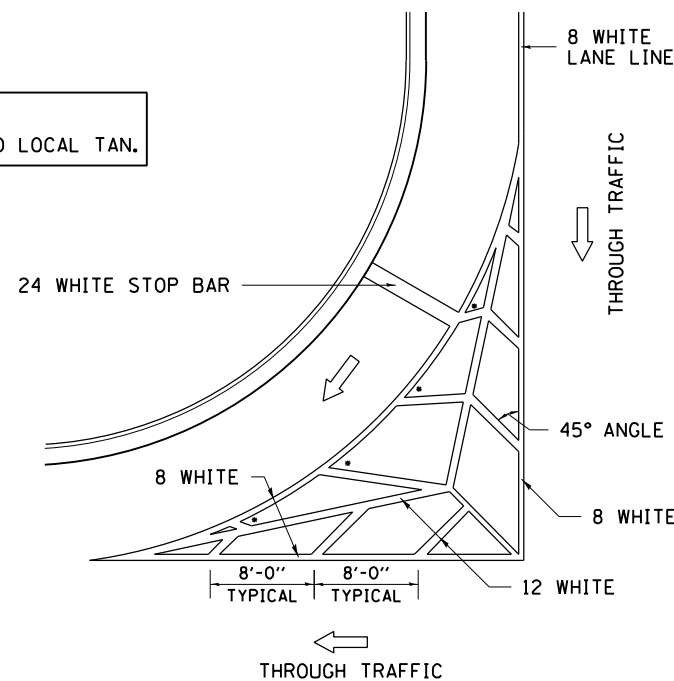
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



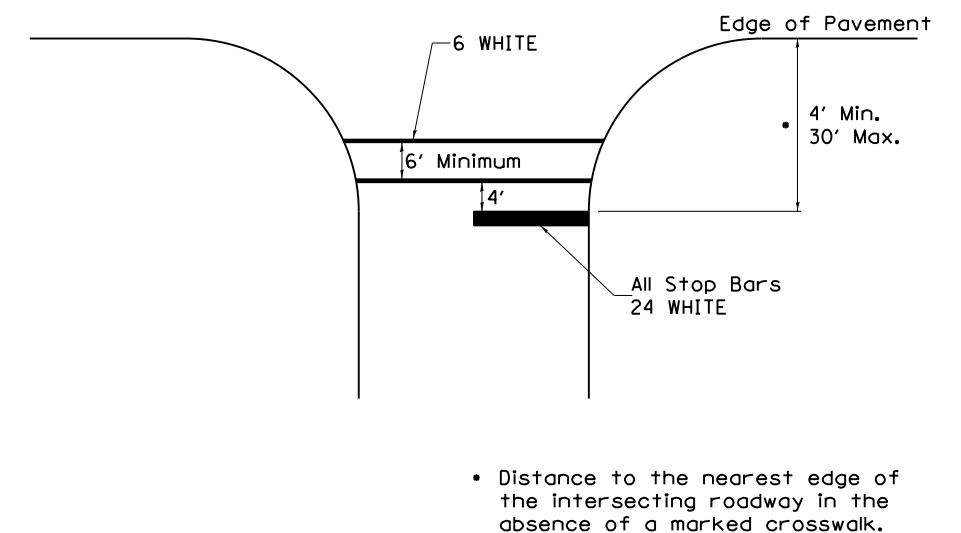
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations

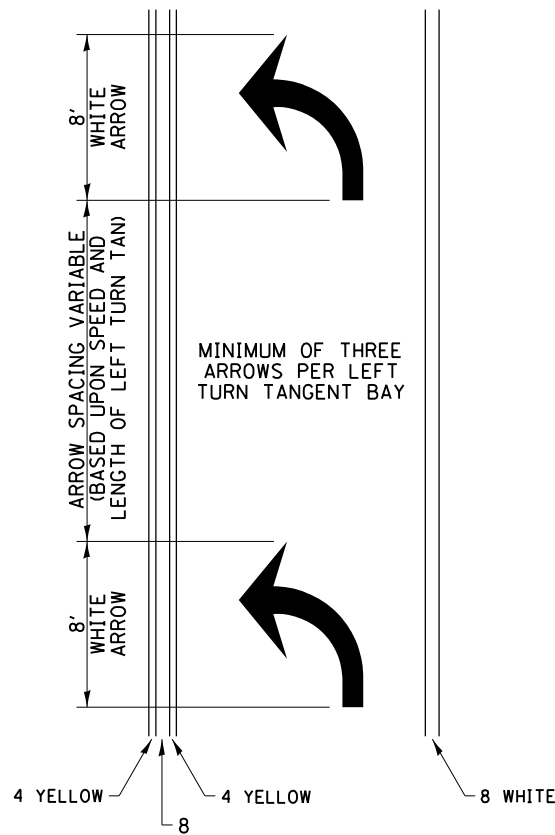


• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = bartonrw	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\P202906\Drawings\CABsheets\P202906-sht-standard		DRAWN -	REVISED - 3-05-12		SCALE:	SHEET NO. 9 OF 15 SHEETS	STA.	TO STA.	74	(37-3,4)RS-2	HENRY	142	124
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -					CONTRACT NO. 64C06					
PLOT DATE = May-06-2019 09:12:05 AM		DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

TYPICAL PAVEMENT MARKINGS

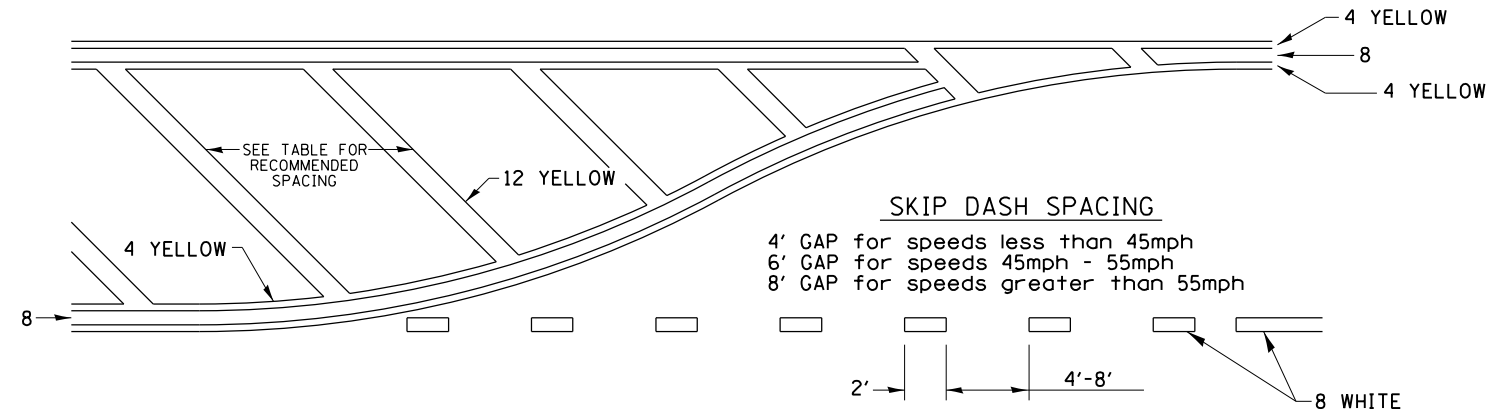
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

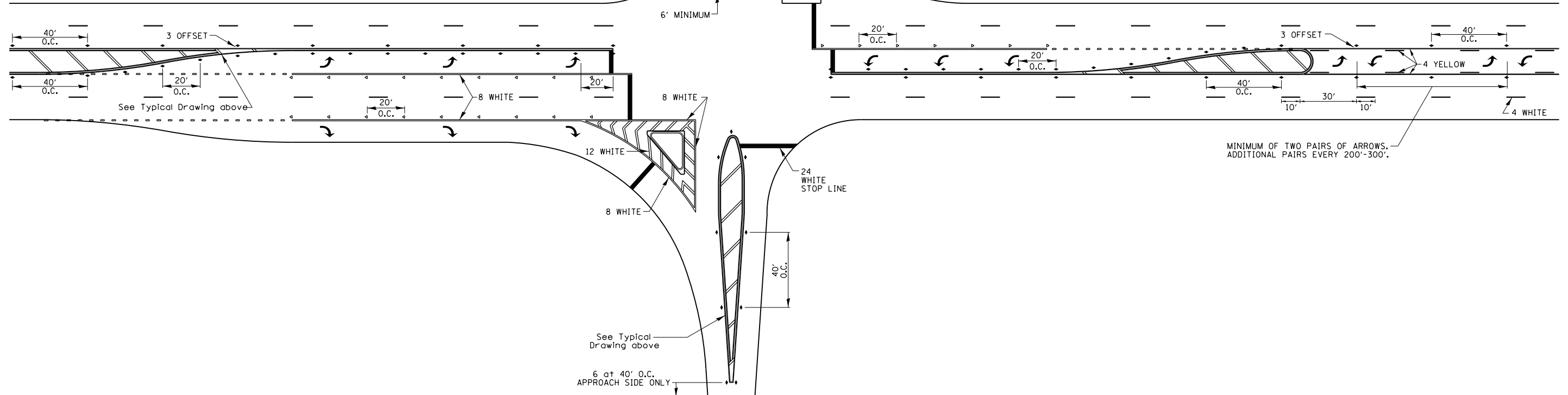
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

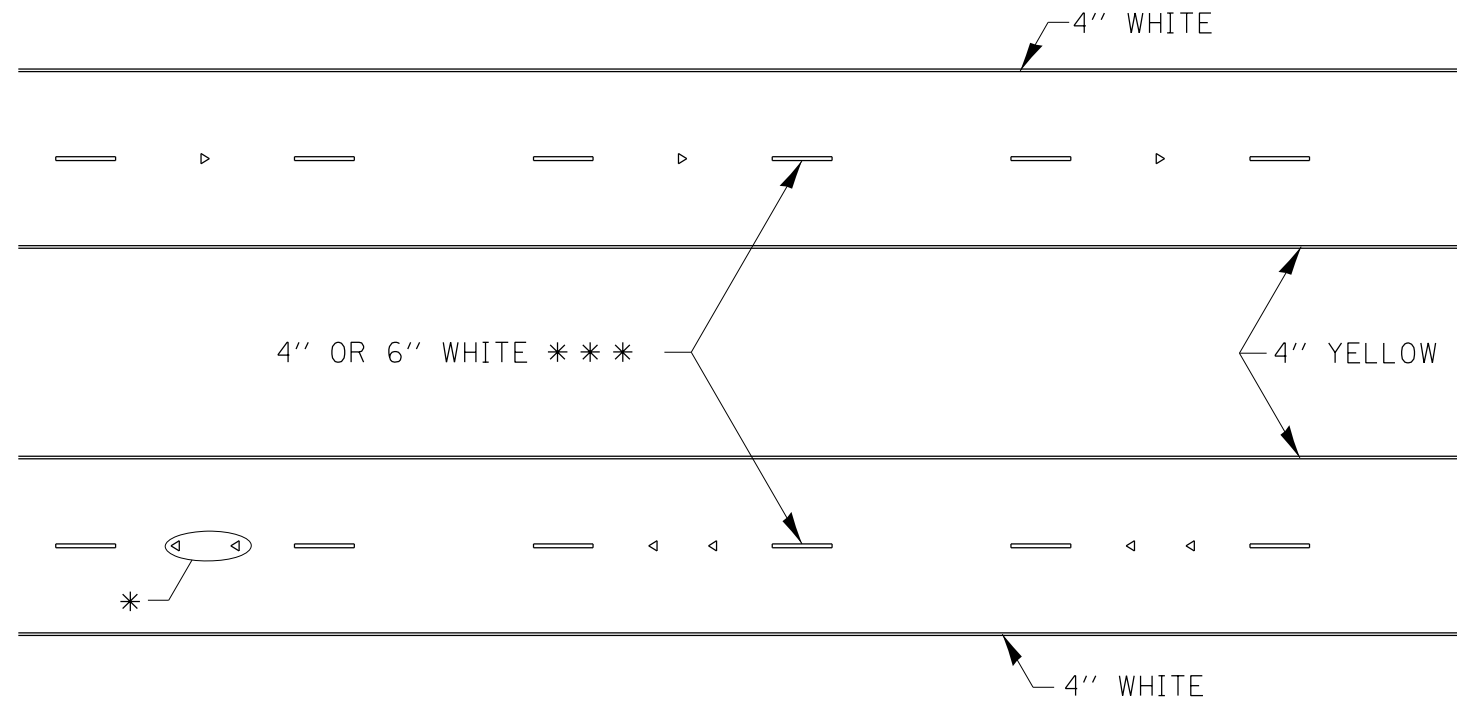
Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



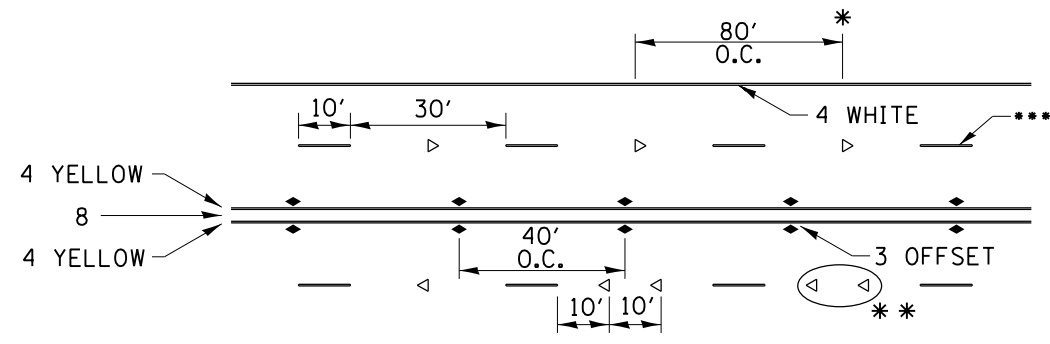
FILE NAME =	USER NAME = bartonrw	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P202906\Drawings\CABsheets\P202906-sht-standard	DRAWN -	REVISED - 3-05-12	REVISED -		74	(37-3,4)RS-2	HENRY	142	125			
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 64C06							
PLOT DATE = May-06-2019 09:12:32 AM	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						

TYPICAL PAVEMENT MARKINGS



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

MULTI-LANE / DIVIDED



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

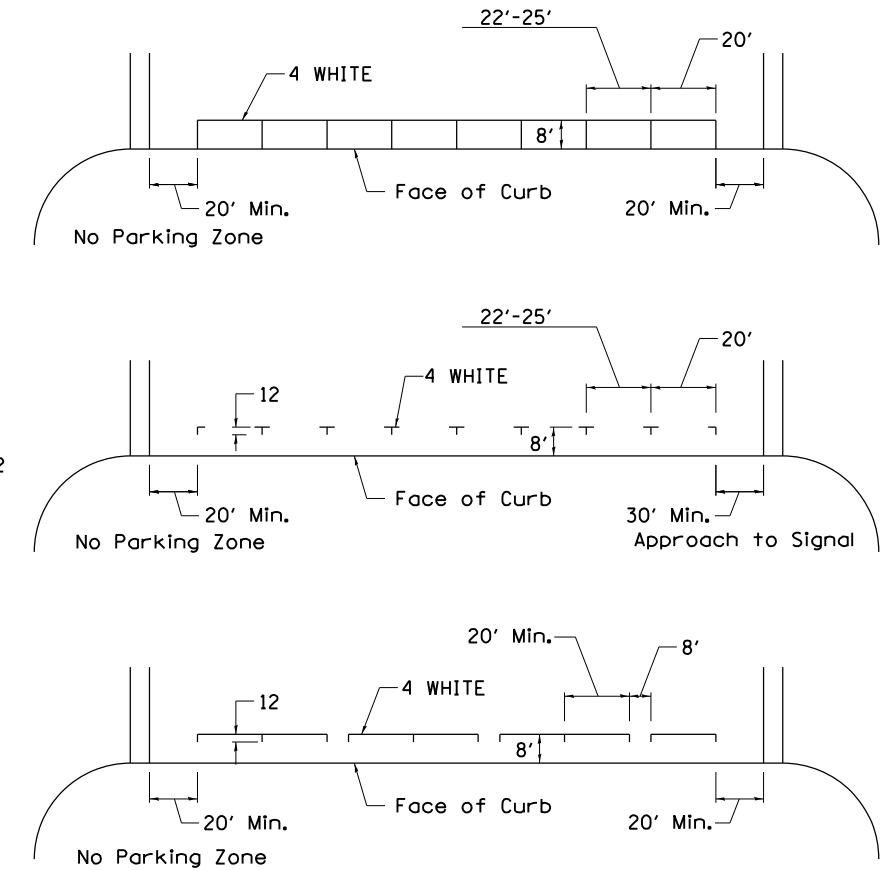
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

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

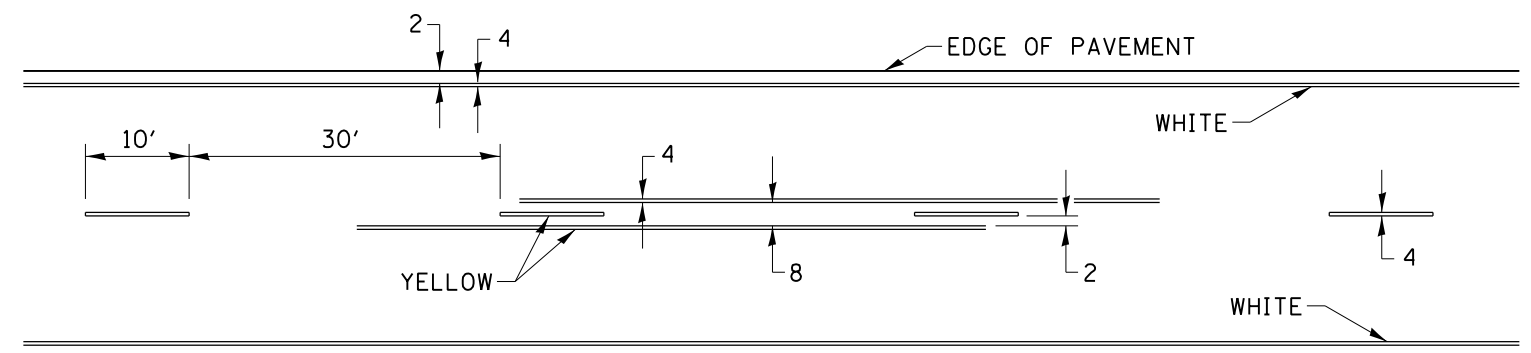
MULTI-LANE / UNDIVIDED & ONE WAY

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

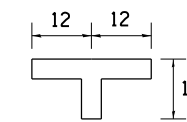
TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



SYMBOLS



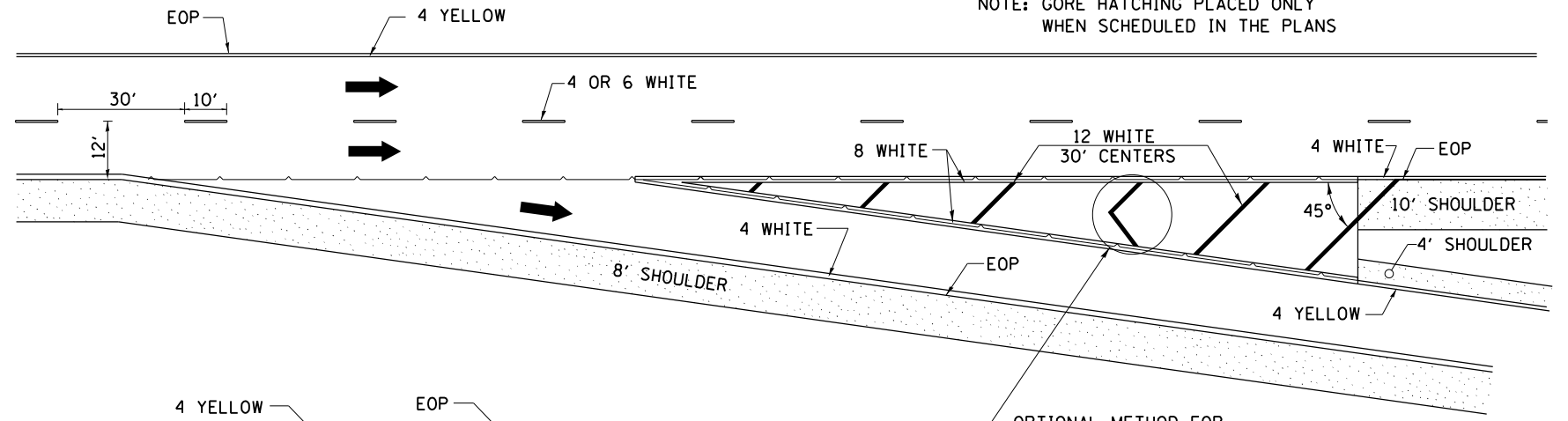
FILE NAME =	USER NAME = bartonrw	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P202906\DRAWING\CABsheets\P202906-shr-standard	DRAWN -	REVISED - 8-27-13	74					(37-3,4)RS-2	HENRY	142	126	
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PLOT DATE = May-06-2019 09:12:48 AM	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									

PAINING DETAILS

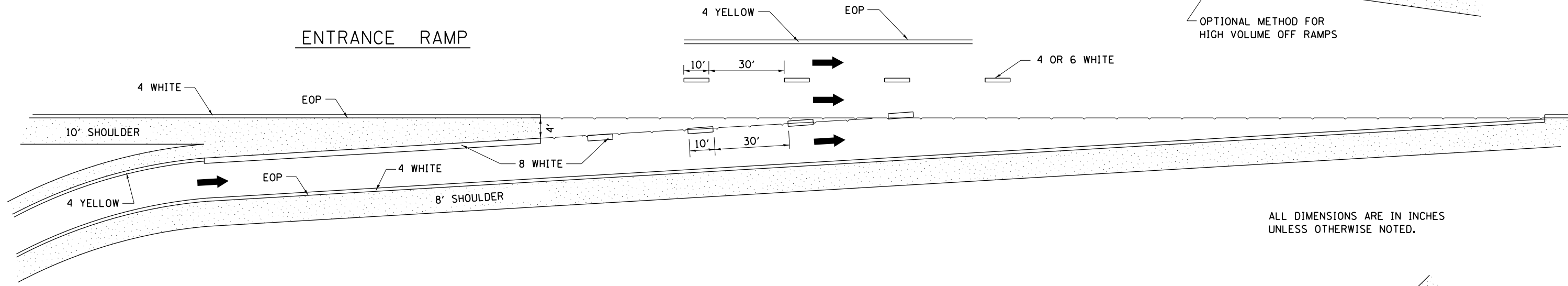
CENTERLINE SKIP DASH PAVEMENT MARKING WIDTH SHALL BE 4" WHEN THE POSTED SPEED LIMIT IS UNDER 40 MPH AND 6" WHEN THE POSTED SPEED LIMIT IS 40 MPH AND OVER.

EXIT RAMP

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

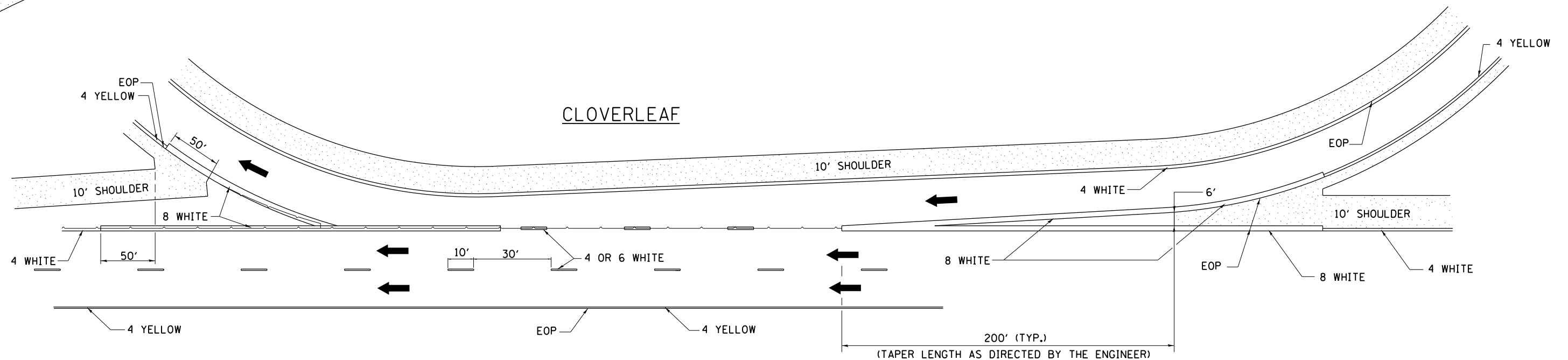


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

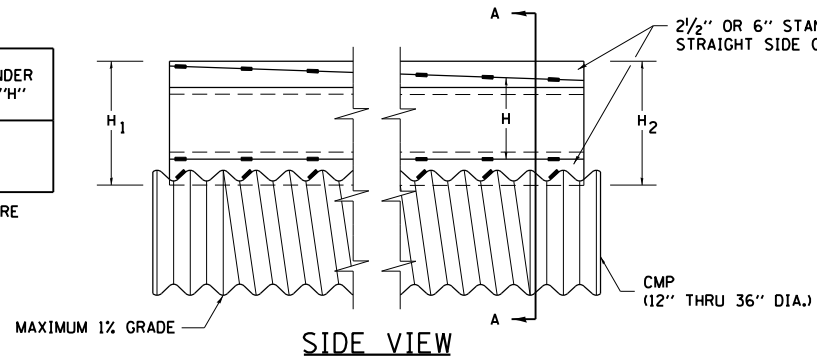
CLOVERLEAF



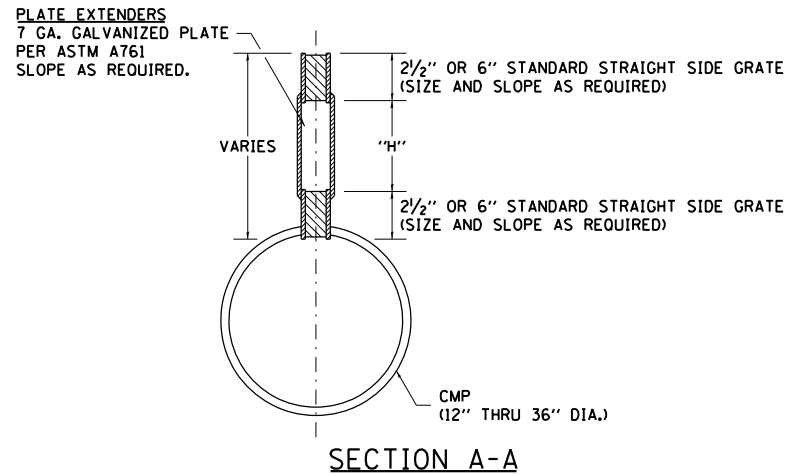
FILE NAME =	USER NAME = bartonw	DESIGNED -	REVISED - 8-27-13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P202906\CAD\Drawings\202906-shr-standards\202906-shr-standards.dwg	DESIGNED -	REVISED - 10-18-11	74				(37-3,4)RS-2	HENRY	142	127	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 64C06								
PLOT DATE = May-06-2019 09:13:02 AM	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

SLOTTED DRAIN PIPE

LOADING CONDITION	MAX. EXTENDER HEIGHT - "H"
H20/H25 • 750 PSI CONCRETE • 125 PSI TIRE PRESSURE	19"



DETAIL WITH VARIABLE HEIGHT GRATE



SECTION A-A

GENERAL

Class SI Concrete shall be used throughout. This specification covers Slotted Drain used for the removal of water as shown on the plans. The Slotted Drain shall be Corrugated Pipe Culvert with Integral Slotted Drains. Before placing the concrete adjacent to the pipe, the slot shall be covered by either thin, flat metal sheeting or by a board notched to fit over the grate bars. This covering must fit closely in the slot to prevent entry of concrete into the pipe. Paving over the slotted drain will then be one continuous operation over the protected drain. The protection for the drain slot shall then be removed. The pipe shall drain into the side of the inlet. The opening where the slot is removed shall be covered to prevent concrete from entering the pipe. The Corrugated Steel Pipe used in the Slotted Drain shall meet the requirements of AASHTO M36/ASTM A760. The CMP shall be ALUMINIZED STEEL Type 2. The diameter shall be as shown on the plans. Steel grating shall meet the galvanizing requirements of AASHTO M111. This work will be paid for at the contract unit price per foot for SLOTTED DRAIN of the pipe diameter specified WITH VARIABLE SLOT, or SLOTTED DRAIN, of the pipe diameter specified, WITH 6" SLOT, and shall include concrete and grating for depth specified on plans. Use approved end cap to prevent concrete entry into the pipe during gutter construction on the upstream end of the pipe.

CONNECTIONS

The Corrugated Steel Pipe shall have a minimum of two rerolled annular ends. The Slotted Drain bands shall be modified HUGGER Bands to secure the pipe and prevent infiltration of the backfill. When the Slotted Drain is banded together, the adjacent grates shall have a maximum 3" gap.

GRATES

The grates shall be manufactured from ASTM A670, Grade 36 steel. The spacers and bearing bars (sides) shall be 3/16" material ±0.008". The spacers shall be on 6" centers and welded on both sides to each bearing bar (sides) with four (4) 1-1/4" long 3/16" fillet welds on each side of the bearing bar. The plate extender shall be 7 gage steel meeting ASTM A761. The engineer may call for tensile strength tests on the grate if the grate is not in compliance with the above spacer specifications. If tensile strength tests are called for, minimum results for an in-place spacer pulled perpendicular to the bearing bar shall be:
T = 12,000 pounds for 2-1/2" grate
T = 15,000 pounds for 6" grate

GALVANIZING

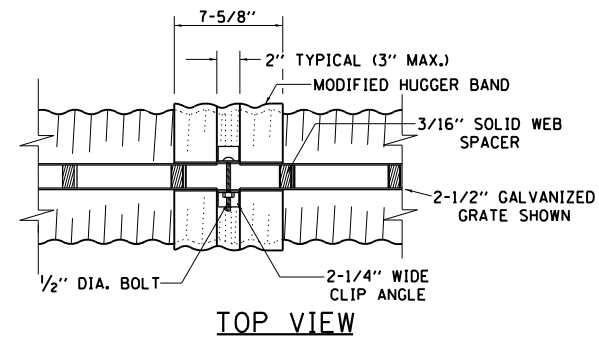
The grate and plate extenders shall be galvanized in accordance with ASTM A123 except with a 2 oz. galvanized coating.

GRATE ATTACHED TO CSP

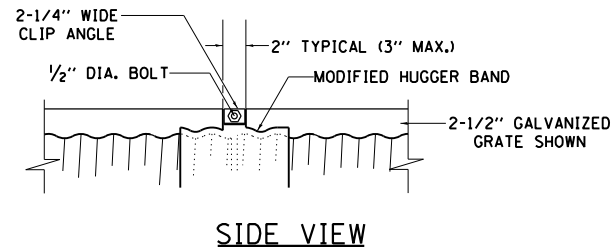
The grate shall be fillet welded with a minimum weld 1" long to the CSP on each side of the grate at every other corrugation.

TOLERANCES - FINISHED SLOTTED DRAIN - 20' LENGTHS

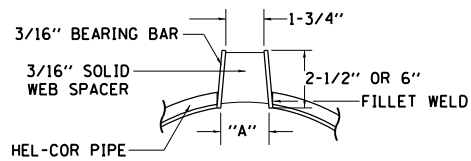
Vertical Bow = ± 3/8"
Horizontal Bow = ± 5/8"
Twist = ± 1/2"



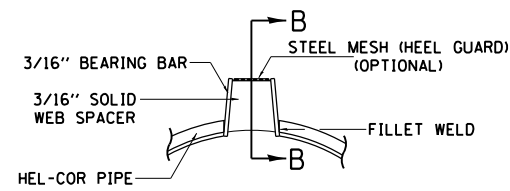
TOP VIEW



SIDE VIEW



SECTION A-A STANDARD DETAIL



SECTION A-A DETAIL WITH MESH

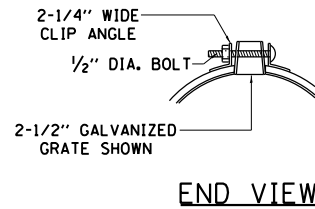
(TRAPEZOIDAL GALVANIZED GRATE SHOWN)

GAGE OF PIPE	DIAMETER OF PIPE						GRATE TYPE	"A"
	12"	15"	18"	24"	30"	36"		
16	X	X	X	X	X	X	X	
14	X	X	X	X	X	X	X	
12	N.A.	N.A.	N.A.	N.A.	X	X	X	

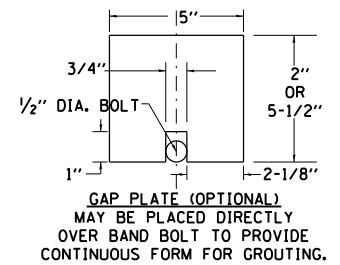
VERT = VERTICAL
TRAP = TRAPEZOIDAL

SLOTTED DRAIN NOTES

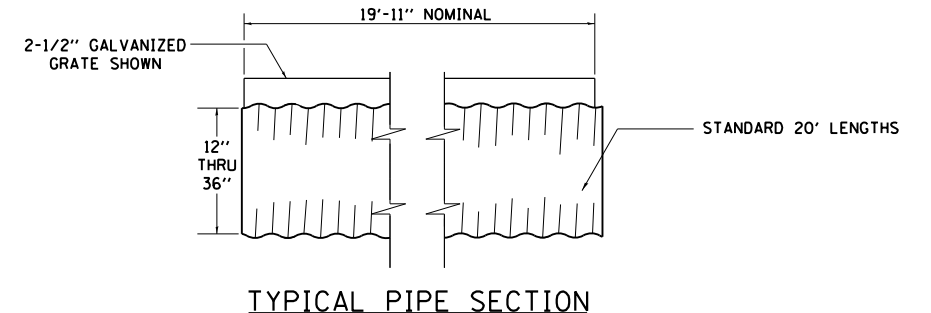
- GRATING IS AVAILABLE IN DEPTHS OF 2-1/2" AND 6".
- VERTICAL GRATING (STRAIGHT SIDES) WITH VERTICAL SPACERS IS ALSO AVAILABLE.
- FOR 6" VERTICAL & TRAPEZOIDAL REQUIREMENTS, THE SLOTTED DRAIN BAND MAY BE FURNISHED WITH THE 4" TECHCO BAND ANGLE.
- DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
- DIMENSIONS FOR H₁ AND H₂ AS REQUIRED.
- H₁ AND H₂ MEASURED FROM TOP OF GRATE TO BOTTOM OF GRATE.



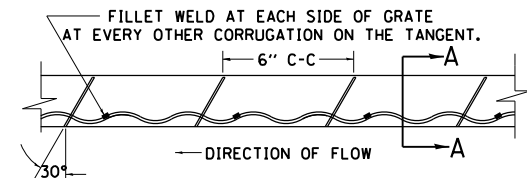
END VIEW



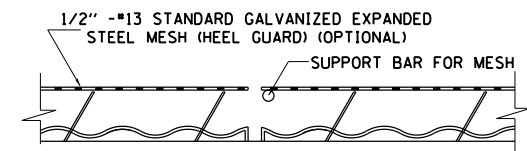
GAP PLATE (OPTIONAL) MAY BE PLACED DIRECTLY OVER BAND BOLT TO PROVIDE CONTINUOUS FORM FOR GROUTING.



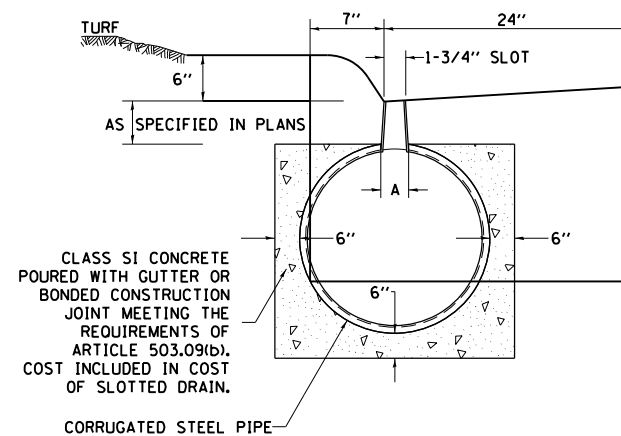
TYPICAL PIPE SECTION



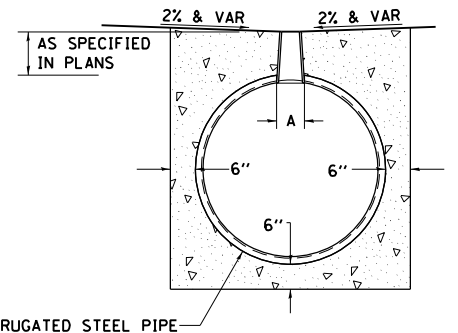
GRATE WELDING DETAIL



SECTION B-B



DETAIL FOR CURB & GUTTER



DETAIL FOR CROSSOVERS, DRIVEWAYS, OR PARKING LOTS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = bartonr	DESIGNED -	REVISED - 1-05-16
pw:\planroom\dot.illinois.gov\PIDOT\Documents\DOT Offices\District 2\Projects\2029\DRAWING\CABsheets\202906-sht-standard		CHECKED -	REVISED - 6-27-14
		DATE -	REVISED - 10-18-11
			REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

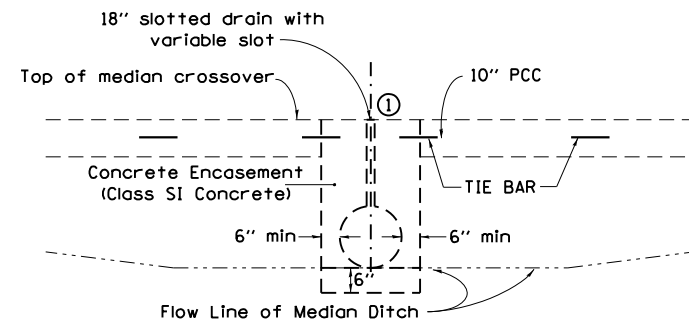
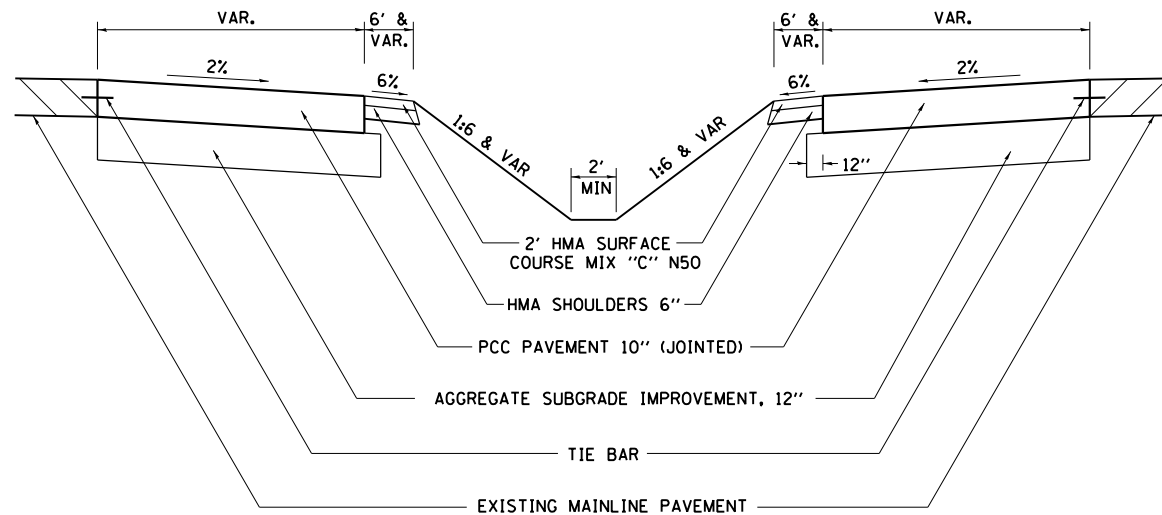
SCALE: SHEET NO. 13 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-3,4)RS-2	HENRY	142	128
CONTRACT NO. 64C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

64' TWO LANE MEDIAN CROSSOVER

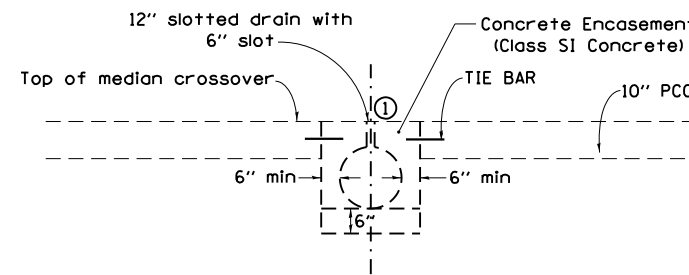
TYPICAL SECTION (POSTED SPEED LIMIT 65 MPH OR HIGHER, WORK ZONE SPEED LIMIT 55 MPH)

GENERAL NOTES



SECTION A-A

(USE TO MAINTAIN MEDIAN DRAINAGE THROUGH THE CROSSOVER)



SECTION A-A

(WHEN CROSSOVER IS AT MEDIAN HIGH POINT)

Construction of median crossover shall conform to the requirement of current Standard Specifications.

Slotted drain shall be constructed of 14 or 16 gauge corrugated metal roadway pipe modified to accommodate slotted drain as shown.

Pavement, subbase, & shoulder quantities are:

(3256.59 Sq. Yds.)	AGGREGATE SUBGRADE IMPROVEMENT, 12"
(3082.80 Sq. Yds.)	P.C.C. PAVEMENT 10" (JOINTED)
(95.09 Tons)	2" HMA SURFACE COURSE, MIX "C", N50
(848.99 Sq. Yds.)	HMA SHOULDERS 6"

Elbows and Caps shall be considered included to the SLOTTED DRAIN 12" WITH 6" SLOT.

See District Standard 61.2 or 68.1 for details for the slotted drain.

See District Standard 86.1 for details for the beveled pipe & guard.

The crossover is designed using a 55mph design speed.

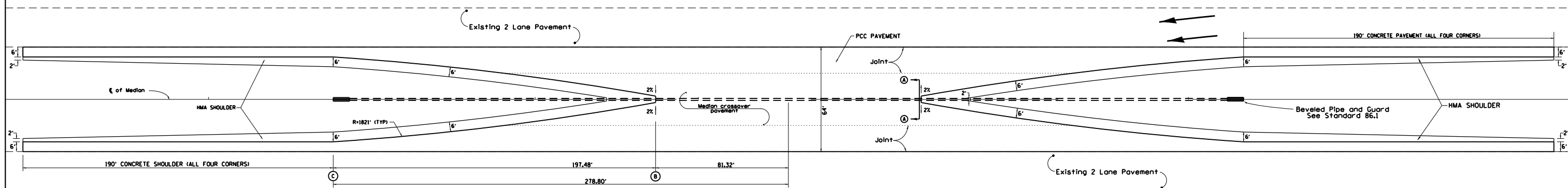
The end of the pipe guard shall be set where a minimum 1:4 front slope can be constructed from each side of pipe guard to the HMA shoulder.

The PCC Pavement 10" (JOINTED) shall be constructed according to Section 420 of the Standard Specifications and Highway Standards 420001, 420101, & 420106

The PCC Pavement 10" (JOINTED) shall be tied to adjacent existing concrete pavement and the concrete encasement for the slotted drain. The tie bars shall be No.6 bars 24" long @ 30" cts, and installed according to the applicable portions of Article 420.05(b) of the Standard Specifications. The cost of the bars to be included in the cost of the PCC Pavement 10" (JOINTED).

Distance feet from location station	0	81.32'	100'	125'	150'	175'	200'	225'	250'	275'	278.80'
Offsets feet from inside edge of pavement	32'	30'	26.79'	22.80'	19.16'	15.88'	12.95'	10.37'	8.14'	6.26'	6.00'
Drop feet from inside edge of pavement	0.64'	0.60'	0.54'	0.46'	0.38'	0.32'	0.26'	0.21'	0.16'	0.13'	0.12'

① Duct tape or wood blocks shall be used to cover slotted drain during construction of crossover paving



TYPICAL PLAN

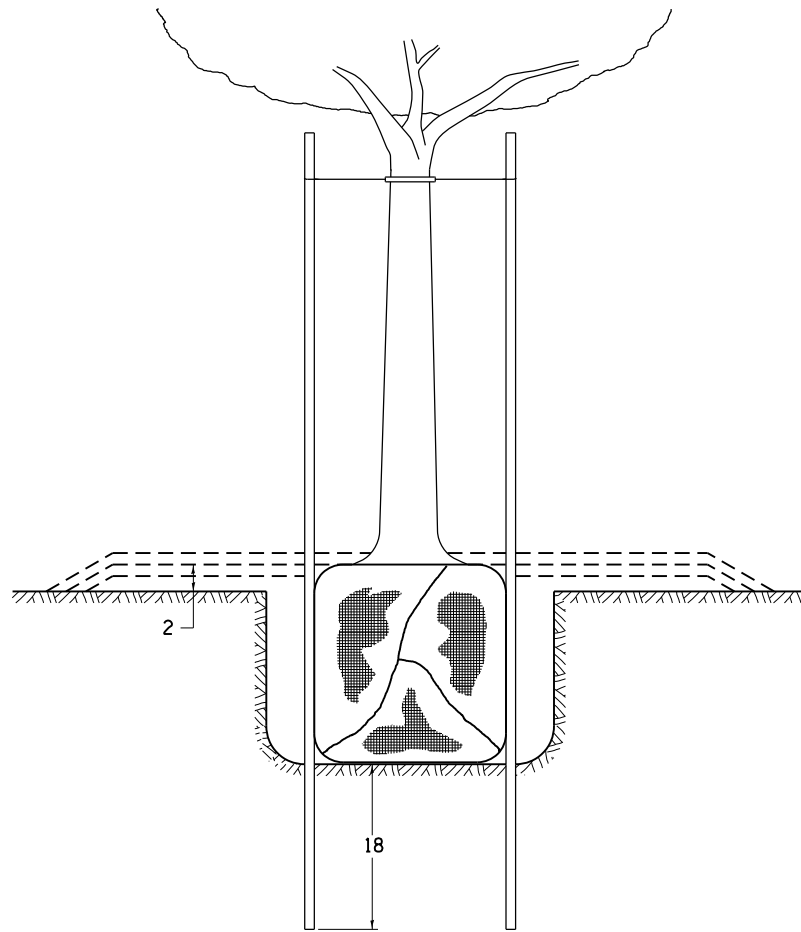
Unless otherwise specified, when the median crossover is to be removed, the Contractor shall be required to saw full-depth along the shoulder line 6' from edge of pavement). The 6' adjacent to the edge of pavement shall remain in place and be used as shoulders. The cost of Sawing shall be included in the Pavement Removal.

Longitudinal joints shall be sawed at a max 12' width. All joints shall be sealed.

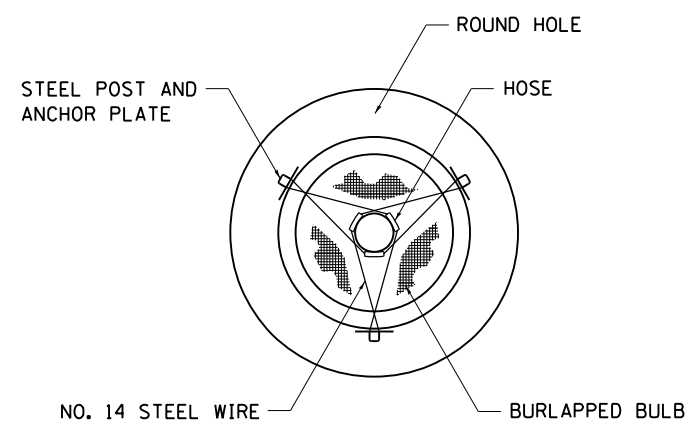
TRAFFIC CONTROL STANDARD 701416 IS TO BE USED WITH THIS DETAIL

FILE NAME =	USER NAME = bartonrw	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
px:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P202906\Drawings\CAB\Sheets\P202906-sht-standard	DRAWN to CAB sheets	CHECKED -	REVISED - 6-27-14			74	(37-3,4)RS-2	HENRY	142	129
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - 8-27-13				CONTRACT NO. 64C06				
PLOT DATE = May-06-2019 09:13:31 AM	DATE -	REVISED - 4-04-11				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DETAILS OF PLANTING AND BRACING TREES

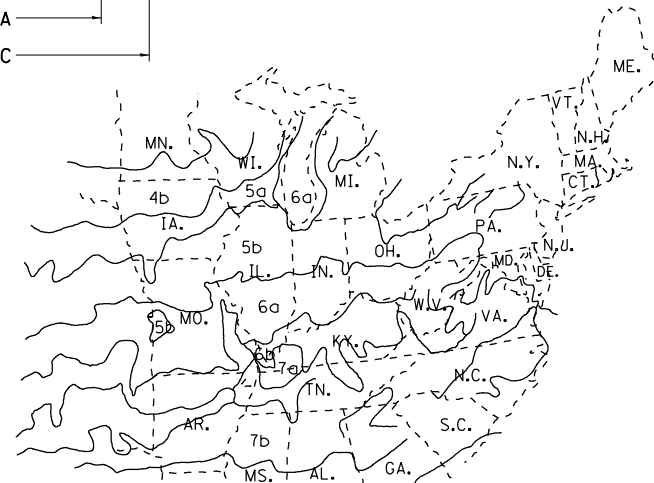
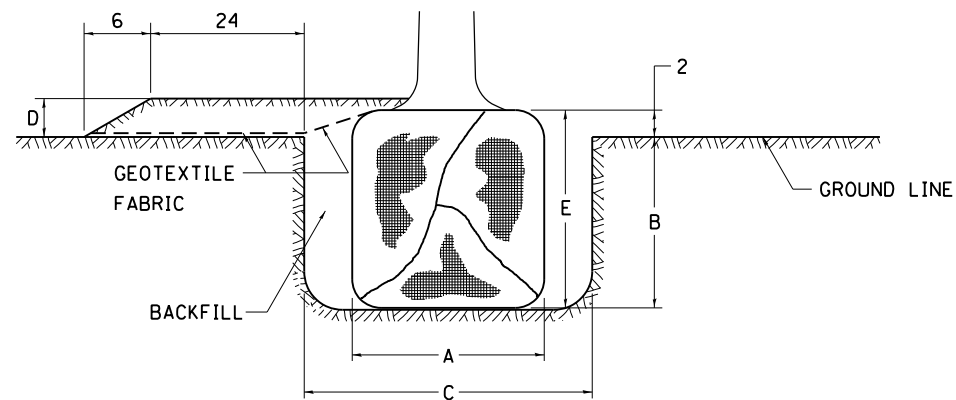


TREES SMALLER THAN 4 1/2 IN DIAMETER



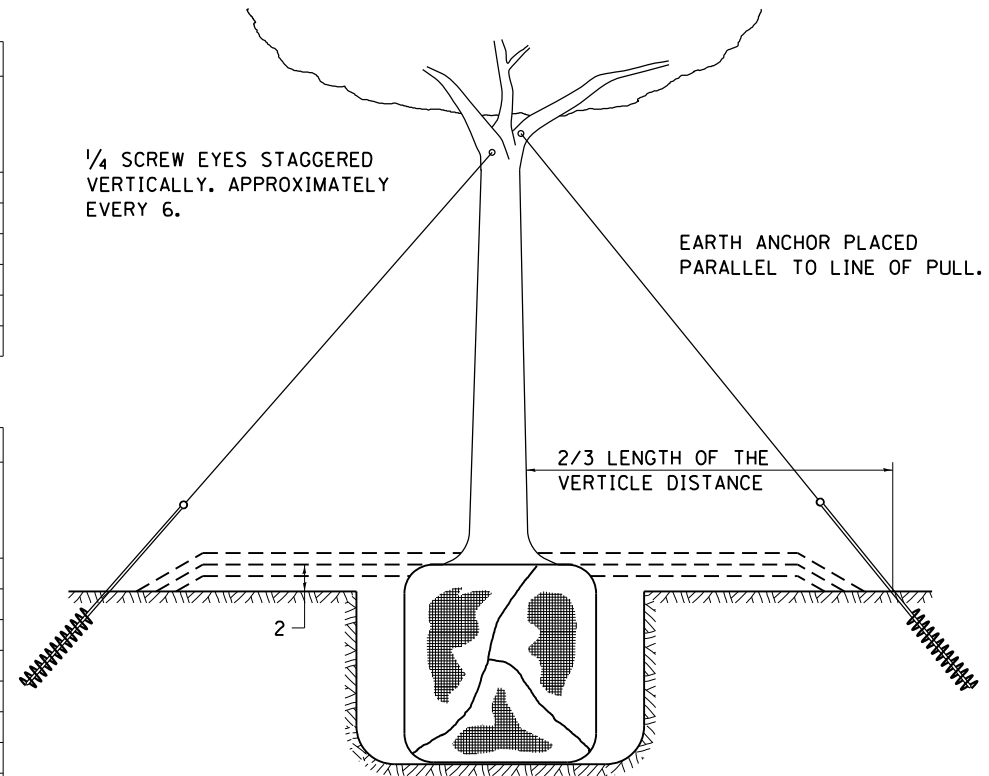
SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10' BB	24	14	36	4	16	0.61
10'-12' BB	26	15	36	4	17	0.61

LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
0-2	20	11	36	4	13	0.61
2-2 1/2 BB	24	14	48	4	16	0.78
2 1/2-3 BB	28	17	48	4	19	0.78
3-3 1/2 BB	32	17	60	4	19	0.96
3 1/2-4 BB	36	20	60	4	22	0.96
4-4 1/2 BB	40	22	72	4	24	1.16
4 1/2-5 BB	44	24	72	4	26	1.16
5-5 1/2 BB	48	27	84	4	29	1.38

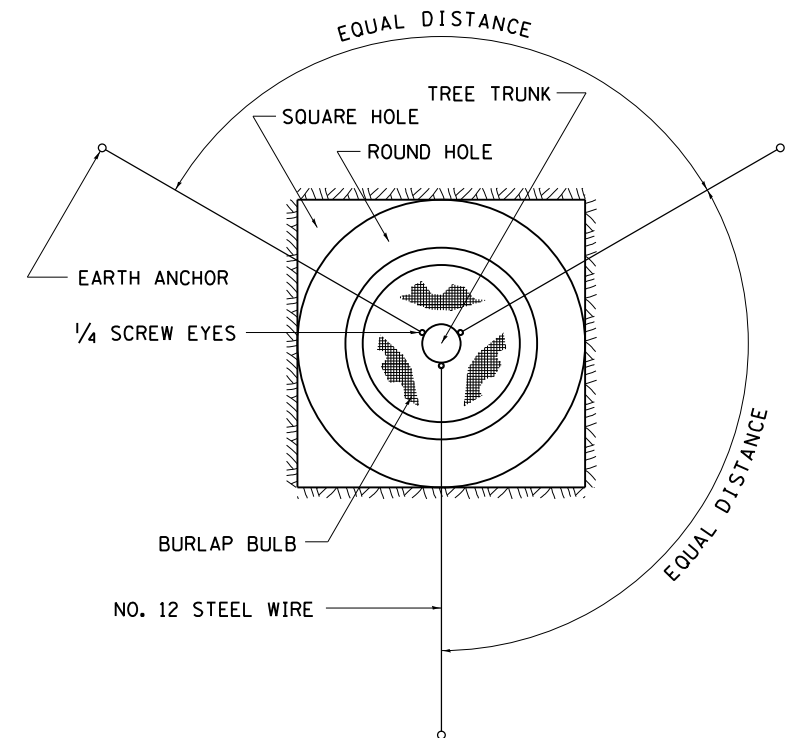


PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814



TREES OVER 4 1/2 IN DIAMETER



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = bartonrw	DESIGNED -	REVISED - 10-18-11
pw:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P202906\Drawings\CABsheets\P202906-sht-standard	DRAWN -	CHECKED -	REVISED -
PLOT SCALE = 100.0000' / in.	DATE -	DATE -	REVISED -
PLOT DATE = May-06-2019 09:13:45 AM			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

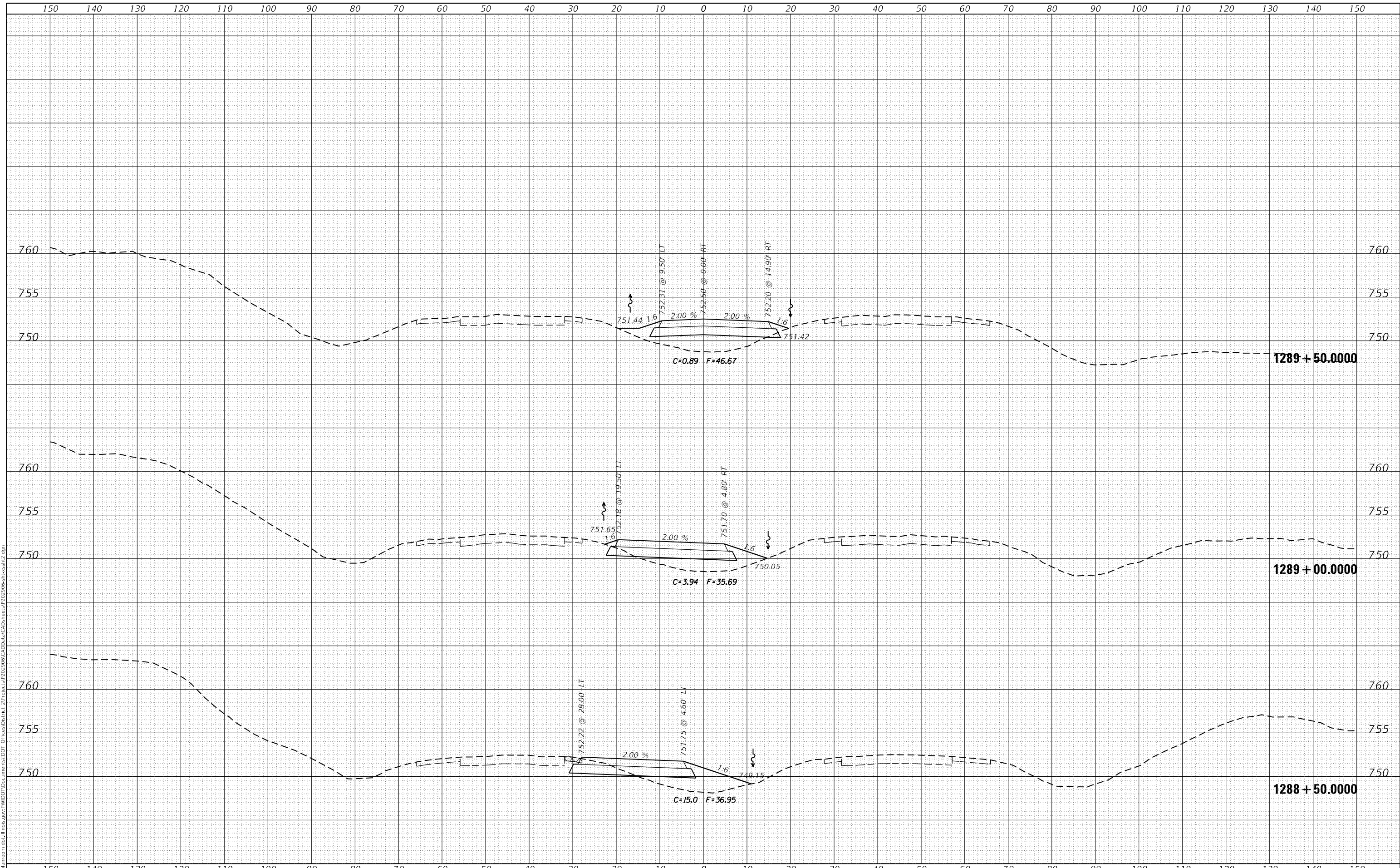
SCALE: SHEET NO. 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-3,4)RS-2	HENRY	142	130
CONTRACT NO. 64C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MODEL: Default
 FILE NAME: p:\work\mason.dwg
 PROJECT: P:\Projects\2020\2020\06\CD\Drawings\2020\2020-6-15-29-AM-1288-50-0000.dwg



USER NAME = bartonw	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = May-06-2019 09:15:29 AM	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: SHEET 3 OF 12 SHEETS STA. 1288+50.0000 TO STA. 1289+50.0000

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-3.4)RS-2	HENRY	142	133
CONTRACT NO. 64C06				
ILLINOIS FED. AID PROJECT				

