

047

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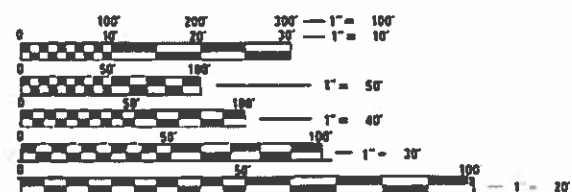
03-08-2019 LETTING ITEM 047

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ADT (EB): 6,200 (2017)



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

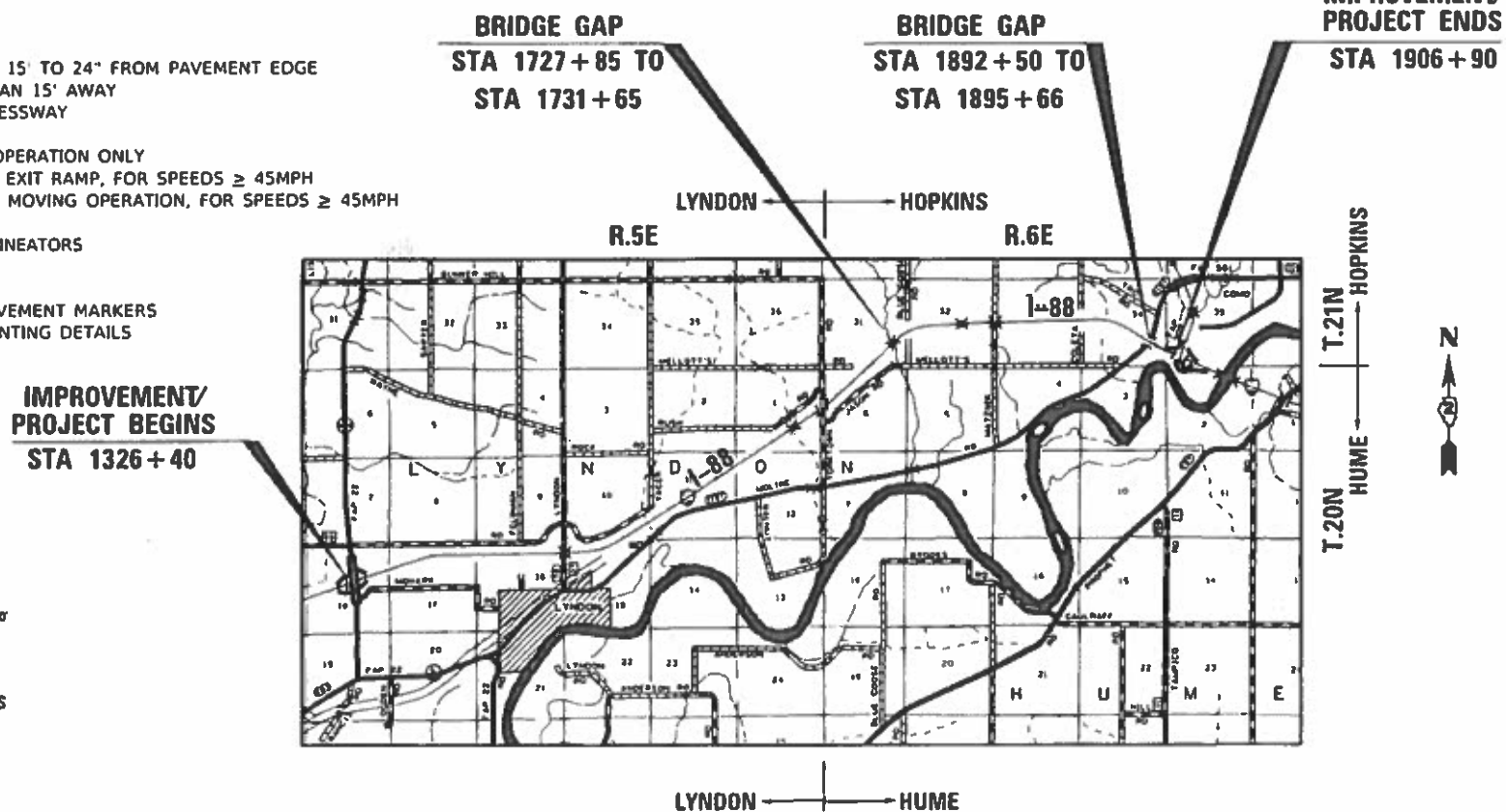
PROJECT ENGINEER = FAITH DUNCAN
PROJECT MANAGER = DENNISSE OTERO-LOPEZ (815)284-5924
TOWNSHIP(S): LYNDON (1, 6, 10, 11, 12, 14-18) AND HOPKINS (31-35)
CONTRACT NO. 64M94

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAI ROUTE 88 (I-88)
SECTION (195-2) RS-1
PROJECT NHPP-EQ47 (513)
ULTRA-THIN BONDED WEARING COURSE
WHITESIDE COUNTY

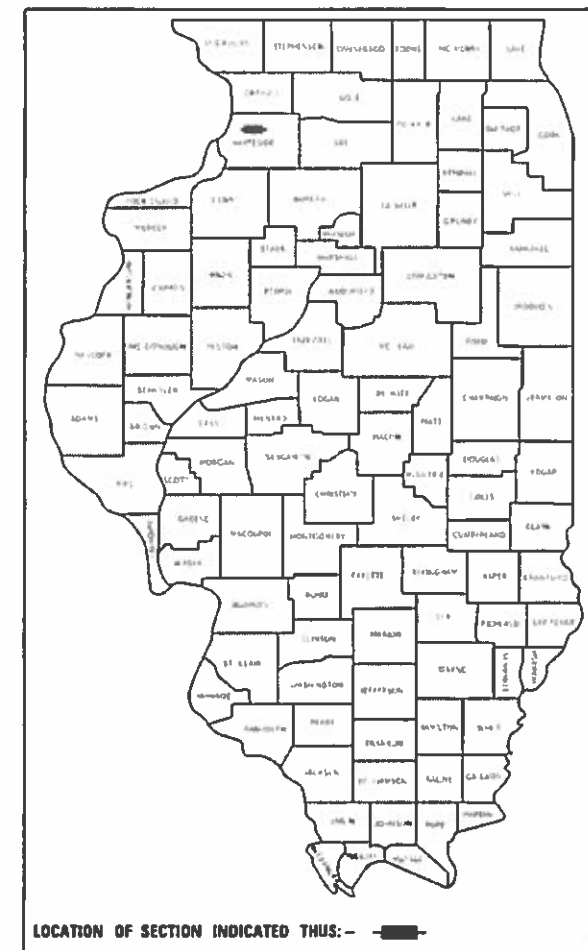
C-92-033-19



GROSS LENGTH = 58,050 FT. = 10.99 MILE
 NET LENGTH = 57,354 FT. = 10.86 MILE

P.A.S. REF.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B2	(195-2) RS-1	WHITESIDE	36	1
CONTRACT NO. 64M94				

D-92-039-18



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED 12-17 2018
[Signature]
 REGIONAL ENGINEER

Feb 1 2019
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

Feb 2019
[Signature]
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

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

The final top 4 inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils. The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed.

It is estimated that 540 cubic yards of earth will be hauled to the job from outside the project limits. A shrinkage factor of 15% has been used.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1A. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches. The work will be included in the contract unit price per cubic yard for EARTH EXCAVATION.

Fertilizer shall be applied to all disturbed areas and incorporated into the seedbed prior to seeding or placement of sod at the rate specified in Sections 250 and 252 of the Standard Specifications. This work shall be included in the cost of EARTH EXCAVATION.

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

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

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

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

The mandatory saw cuts for pavement patching are:

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

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

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

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.

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for Furnished Excavation.

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

One 16d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

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

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.

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

A quantity of 200 Cubic Yards of Furnish Excavation has been included to further build up the shoulders. The Engineer has determined that the excavated materials from the job are insufficient to bring the shoulders to the proper slope.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1 mile or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 5 Each.

Permanent Survey Markers, Type II placed in urban areas should be placed in sidewalk areas. The marker shall be placed as shown on District Standard 66.2. The sidewalk shall be placed around the marker and flush with the top.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2, or another option would be to install a vaulted style, monumented as described by NGS as a 3D monument (Top Security Sleeve Rod Monument), with installation instructions provided by the District Chief of Surveys. If poured in place, the bottom of the marker shall be 5'-0" below the ground surface.

The Permanent Survey Markers, if possible, shall be installed at the beginning of the job and protected throughout.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal coordinates must be derived by GPS and the elevation derived using an electronic level. The meta data, such as the Geoid used, (NGS adjustment ie: 97 HARN, 03, 07), and the base point(s) name or number shall be submitted along with a complete collection log. If collected using RTK method, it will require either 3 collections (averaged) from 2 different bases, or a minimum of 3 collections (averaged), at least 2 hours apart, from the same base. If using a CORS type network, the collection procedure shall include localizing with check shots on at least 2 different HARN monuments both before and after collection. The level circuit shall be run from furnished mark to furnished mark and then adjusted. The error of closure shall be submitted with the electronic level notes in a recognized format approved by the Engineer and/or the Chief of Surveys. The Engineer shall submit this information to the District Chief of Surveys.

FILE NAME = 64M94.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES					ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -		FAI 88 (I-88)	(195-2)RS-1	Whiteside	36	2					
	PLOT DATE = 12/14/2018 7:12 PM	CHECKED -	REVISED -		CONTRACT NO. #64M94					ILLINOIS	FED. AID PROJECT			
	DATE = 10/28/2018 10:30 AM	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.				

GENERAL NOTES

The Contractor shall place contraction joint in prolongation with joints in the existing pavement. The joint shall be a sawed contraction joint with dowel bar assembly as shown on Highway Standard 420001. The cost for this work shall be included in the contract unit price for the CLASS A PATCHES, TYPE II, 13 INCH and CLASS A PATCHES, TYPE IV, 13 INCHES.

Hot-Mix Asphalt shall meet the Ultra-Thin Bonded Wearing Course Special Provision of Type C.

Hot-Mix Asphalt shall meet Friction Aggregate "D".

All "Aggregate Subgrade Improvement" (Section 303), shall be completed in accordance with Articles 311.04, 311.05, 311.05(a), 311.06 and 311.07. All aggregate subgrade thicknesses equal to or less than 12 inches shall be constructed of aggregate of CA02 gradation. All aggregate subgrade thicknesses greater than 12 inches shall be constructed of CS02.

Install rumble strips in all shoulders in accordance with State Standard 642001 Rumble Strips shall be placed on shoulders on both sides of the pavement.

FILE NAME = 64M94.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	DATE - 10/28/2018 10:30 AM	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.				

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	NHPP / STATE	
			0005 90% FED 10% STATE	GRAND TOTAL
20200100	EARTH EXCAVATION	CU YD		235
20400800	FURNISHED EXCAVATION	CU YD		540
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD		729
△ 25000750	MOWING	ACRE		0.25
25100630	EROSION CONTROL BLANKET	SQ YD		729
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND		151
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD		10
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND		10,777
40600547	LEVELING BINDER (HAND METHOD), IL-9.5FG, N90	TON		5
40600990	TEMPORARY RAMP	SQ YD		734
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD		734
42000060	WELDED WIRE REINFORCEMENT	SQ YD		74
44000300	CURB REMOVAL	FOOT		100
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD		107
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD		54

* SPECIALTY ITEMS
 △ 100% STATE

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

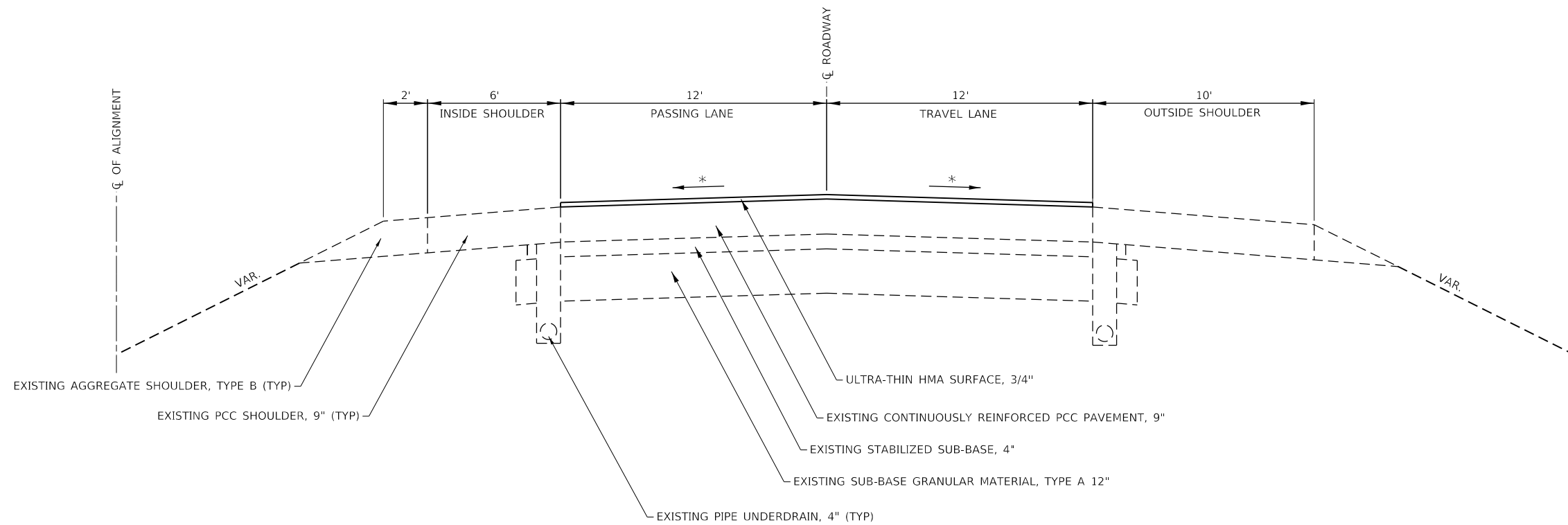
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-88	(195-2) RS-1	WHITESIDE	36	4
			CONTRACT NO. 64M94	
ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

I-88 (EB)

STA 1326+40 - STA 1420+80
 STA 1480+78 - STA 1503+75
 STA 1661+96 - STA 1678+97
 STA 1716+97 - STA 1720+07
 STA 1730+20 - STA 1807+66
 STA 1875+16 - STA 1893+27
 STA 1895+32 - STA 1906+90



BRIDGE GAP

STA 1727+85 - STA 1731+65
 STA 1892+50 - STA 1895+66

NOTES:

- * MATCH EXISTING CROSS SLOPE (MIN. 1/8"/FT.)
- ** ULTRA-THIN HMA SURFACE, 3/4" ENDS STA. 1906+61
- 1. PROPOSED DIAMOND GRINDING CONCRETE PAVEMENT IS VARIABLE DEPTH AT LOCATIONS SPECIFIED IN THE PLANS FOR REMOVING BUMPS IN THE EXISTING PAVEMENT PRIOR TO PLACING HMA SURFACE.
- 2. PROPOSED FURNISHED EXCAVATION IS FOR BUILDING UP SHOULDERS AND EMBANKMENT AROUND PROPOSED GUARDRAIL AND SHALL USE SEEDING CLASS 2A.
- 3. ULTRA-THIN HMA RATE OF APPLICATION = 112 LBS/SQ YD/IN

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

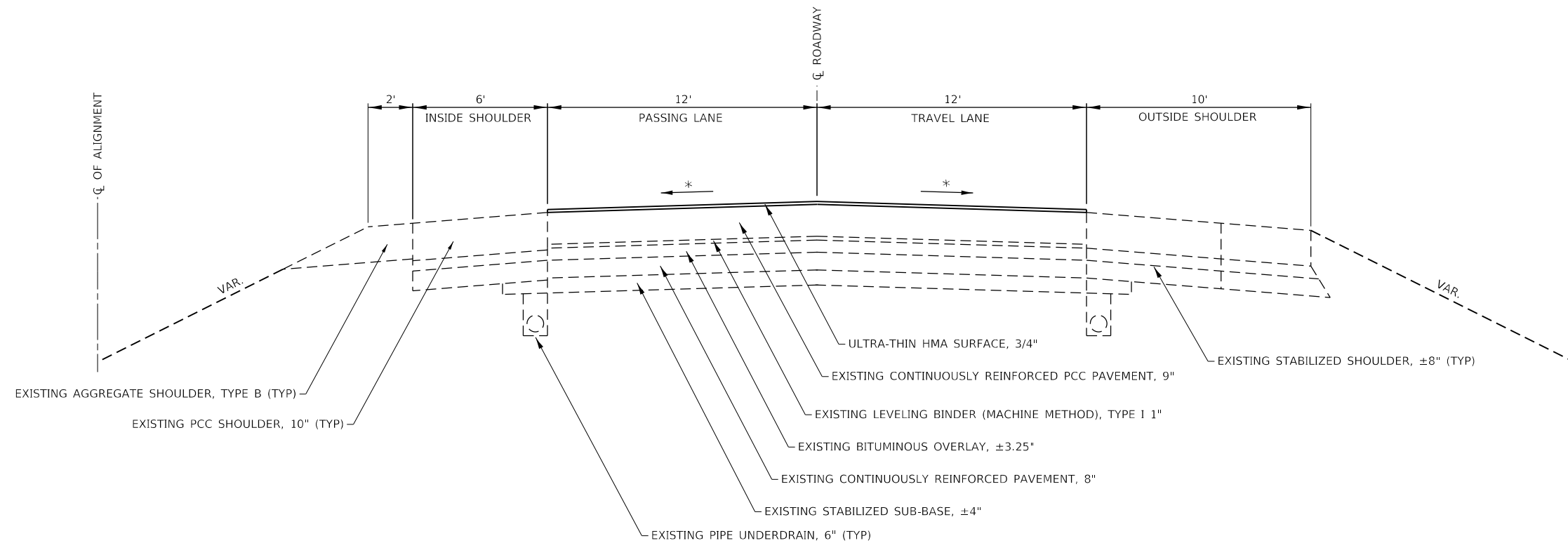
SCALE: _____ SHEET 1 OF 3 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	8
CONTRACT NO. 64M94			ILLINOIS FED. AID PROJECT	

TYPICAL SECTIONS

I-88 (EB)

STA 1420+80 - STA 1480+78
 STA 1503+75 - STA 1661+96
 STA 1678+97 - STA 1716+97
 STA 1807+66 - STA 1875+16



NOTES:

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

1. PROPOSED DIAMOND GRINDING CONCRETE PAVEMENT IS VARIABLE DEPTH AT LOCATIONS SPECIFIED IN THE PLANS FOR REMOVING BUMPS IN THE EXISTING PAVEMENT PRIOR TO PLACING HMA SURFACE.

2. PROPOSED FURNISHED EXCAVATION IS FOR BUILDING UP SHOULDERS AND EMBANKMENT AROUND PROPOSED GUARDRAIL AND SHALL USE SEEDING CLASS 2A.

3. ULTRA-THIN HMA RATE OF APPLICATION = 112 LBS/SQ YD/IN

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	9
CONTRACT NO. 64M94				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

63000001	<u>STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS</u>		
	<u>FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
		<u>OUTSIDE SHOULDER</u>	
	212.50	RT Sta. 1726+40.7 TO 1728+57.5	
	137.50	RT Sta. 1891+90.0 TO 1893+26.0	
	1,137.50	RT Sta. 1895+21.4 TO 1906+52.3	
		<u>INSIDE SHOULDER</u>	
	75.00	LT Sta. 1728+09.3 TO 1728+84.9	
	162.50	LT Sta. 1891+83.0 TO 1893+44.8	
	100.00	LT Sta. 1905+52.6 TO 1906+52.3	
	<u>1,825.0</u>	TOTAL	

63100085	<u>TRAFFIC BARRIER TERMINAL, TYPE 6</u>		
	<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
		<u>OUTSIDE SHOULDER</u>	
	1	RT Sta. 1728+57.5 TO 1728+95.8	
	1	RT Sta. 1893+26.0 TO 1893+63.0	
	1	RT Sta. 1906+52.3 TO 1906+89.8	
		<u>INSIDE SHOULDER</u>	
	1	LT Sta. 1728+84.9 TO 1729+22.8	
	1	LT Sta. 1893+44.8 TO 1893+81.9	
	1	LT Sta. 1906+52.3 TO 1906+89.8	
	<u>6</u>	TOTAL	

63100105	<u>TRAFFIC BARRIER TERMINAL, TYPE 10</u>		
	<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
		<u>OUTSIDE SHOULDER</u>	
	<u>1</u>	RT Sta. 1895+21.4	
	1	TOTAL	

63100167	<u>TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT</u>		
	<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
		<u>OUTSIDE SHOULDER</u>	
	1	RT Sta. 1725+89.1 TO 1726+40.7	
	1	RT Sta. 1891+40.4 TO 1891+90.0	
	<u>2</u>	TOTAL	

63100169	<u>TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED</u>		
	<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
		<u>INSIDE SHOULDER</u>	
	1	LT Sta. 1727+58.7 TO 1728+09.3	
	1	LT Sta. 1891+33.0 TO 1891+83.0	
	1	LT Sta. 1905+02.8 TO 1905+52.6	
	<u>3</u>	TOTAL	

63200310	<u>GUARDRAIL REMOVAL</u>		
	<u>FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
		<u>OUTSIDE SHOULDER</u>	
	379	RT Sta. 1725+01.0 TO 1728+87.0	
	382	RT Sta. 1889+78.0 TO 1893+56.0	
	1,152	RT Sta. 1895+29.0 TO 1906+74.0	
		<u>INSIDE SHOULDER</u>	
	181	LT Sta. 1727+35.0 TO 1729+11.0	
	182	LT Sta. 1891+99.0 TO 1893+75.0	
	179	LT Sta. 1905+01.0 TO 1906+75.0	
	<u>2,455</u>	TOTAL	

63500105	<u>DELINEATORS</u>		
	<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
	20	LT & RT Sta. 1326+40.0 TO 1906+90.0	Pipe underdrains
	5	LT & RT Sta. 1326+40.0 TO 190+90.0	Traffic Barrier Terminals
	<u>25</u>	TOTAL	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE: _____	SHEET 1 OF 5 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	11
			CONTRACT NO. 64M94	
		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

64200116 SHOULDER RUMBLE STRIPS, 16 INCH

FOOT

OUTSIDE SHOULDER

REMARKS

10	RT Sta. 1558+76.9	TO 1558+86.9	Patching
66	RT Sta. 1887+82.7	TO 1888+48.7	Patching

INSIDE SHOULDER

10	LT Sta. 1396+98.3	TO 1397+08.3	Patching
8	LT Sta. 1402+33.0	TO 1402+41.0	Patching
10	LT Sta. 1403+61.1	TO 1403+71.1	Patching
8	LT Sta. 1524+71.2	TO 1524+79.2	Patching
10	LT Sta. 1558+76.9	TO 1558+86.9	Patching

122 TOTAL

66700305 PERMANENT SURVEY MARKERS, TYPE II

EACH

LOCATION

REMARKS

5	CL Sta. 1326+40.0	TO 1906+90.0	Location determined by District Office- Chief of Surveys
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5 TOTAL

70300100 SHORT TERM PAVEMENT MARKING

1 Layer (Overlay)

FOOT

LOCATION

REMARKS

3,661.73	CL Sta. 1326+40.0	TO 1729+19.0	White Centerline Skip Dash
	Sta. 1729+19.0	TO 1730+16.0	Bridge Gap
1,487.55	CL Sta. 1730+16.0	TO 1893+79.0	White Centerline Skip Dash
	Sta. 1893+79.0	TO 1895+27.0	Bridge Gap
105.73	CL Sta. 1895+27.0	TO 1906+90.0	White Centerline Skip Dash
1,611.16	RT Sta. 1326+40.0	TO 1729+19.0	White Right Edge line
	Sta. 1729+19.0	TO 1730+16.0	Bridge Gap
654.52	RT Sta. 1730+16.0	TO 1893+79.0	White Right Edge line
	Sta. 1893+79.0	TO 1895+27.0	Bridge Gap
46.52	RT Sta. 1895+27.0	TO 1906+90.0	White Right Edge line
1,611.16	LT Sta. 1326+40.0	TO 1729+19.0	Yellow Left Edge line
	Sta. 1729+19.0	TO 1730+16.0	Bridge Gap
654.52	LT Sta. 1730+16.0	TO 1893+79.0	Yellow Left Edge line
	Sta. 1893+79.0	TO 1895+27.0	Bridge Gap
45.36	LT Sta. 1895+27.0	TO 1906+61.0	Yellow Left Edge line

9,879 TOTAL

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USER NAME = bartonrw	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000 ' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-17-2018 11:17:53 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: _____ SHEET 2 OF 5 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	12
CONTRACT NO. 64M94				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

<u>SQ FT</u>	<u>LOCATION</u>	<u>REMARKS</u>
1,220.58	CL Sta. 1326+40.0 TO 1729+19.0 Sta. 1729+19.0 TO 1730+16.0	White Centerline Skip Dash Bridge Gap
495.85	CL Sta. 1730+16.0 TO 1893+79.0 Sta. 1893+79.0 TO 1895+27.0	White Centerline Skip Dash Bridge Gap
35.24	CL Sta. 1895+27.0 TO 1906+90.0	White Centerline Skip Dash
537.05	RT Sta. 1326+40.0 TO 1729+19.0 Sta. 1729+19.0 TO 1730+16.0	White Right Edge line Bridge Gap
218.17	RT Sta. 1730+16.0 TO 1893+79.0 Sta. 1893+79.0 TO 1895+27.0	White Right Edge line Bridge Gap
15.51	RT Sta. 1895+27.0 TO 1906+90.0	White Right Edge line
537.05	LT Sta. 1326+40.0 TO 1729+19.0 Sta. 1729+19.0 TO 1730+16.0	Yellow Left Edge line Bridge Gap
218.17	LT Sta. 1730+16.0 TO 1893+79.0 Sta. 1893+79.0 TO 1895+27.0	Yellow Left Edge line Bridge Gap
<u>15.12</u>	LT Sta. 1895+27.0 TO 1906+61.0	Yellow Left Edge line
3,293	TOTAL	

72501000 TERMINAL MARKER - DIRECT APPLIED

<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
	<u>OUTSIDE SHOULDER</u>	
1	RT Sta. 1725+95.8	
1	RT Sta. 1891+38.0	
	<u>INSIDE SHOULDER</u>	
1	LT Sta. 1726+60.3	
1	LT Sta. 1890+56.9	
<u>1</u>	LT Sta. 1903+77.3	
5	TOTAL	

78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4"

<u>FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
1,225	RT Sta. 1326+40.0 TO 1338+65.0	1 White Solid Outside Edge Line
2,665	RT Sta. 1345+32.0 TO 1371+97.0	1 White Solid Outside Edge Line
52,606	RT Sta. 1380+84.0 TO 1906+90.0	1 White Solid Outside Edge Line
667	RT Sta. 1338+65.0 TO 1345+32.0	1 White Solid Outside Edge Line (IL 78 Exit Ramp)
1,128	RT Sta. 1369+56.0 TO 1380+84.0	1 White Solid Outside Edge Line (IL 78 Entrance Ramp)
<u>58,050</u>	LT Sta. 1326+40.0 TO 1906+90.0	1 Yellow Solid Inside Edge Line
116,341	TOTAL	

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SCHEDULE OF QUANTITIES

78009006 MODIFIED URETHANE PAVEMENT MARKING - LINE 6"

<u>FOOT</u>	<u>LOCATION</u>
14,512.50	CL Sta. 1326+40.0 TO 1906+90.0
14,520 TOTAL	

REMARKS
White Centerline Skip Dash

78009008 MODIFIED URETHANE PAVEMENT MARKING - LINE 8"

<u>FOOT</u>	<u>LOCATION</u>
748	RT Sta. 1341+58.0 TO 1345+32.0
241	RT Sta. 1369+56.0 TO 1371+97.0
30	RT Sta. 1371+97.0 TO 1372+92.0
1,019 TOTAL	

REMARKS
2 White Solid Outside Edge Lines (IL 78 Exit Ramp)
1 White Solid Inside Edge Line (IL 78 Entrance Ramp)
White Skip Dash

78100100 RAISED REFLECTIVE PAVEMENT MARKER

<u>EACH</u>	<u>LOCATION</u>
505	CL Sta. 1326+40.0 TO 1729+19.0 Sta. 1729+19.0 TO 1730+16.0
206	CL Sta. 1730+16.0 TO 1893+79.0 Sta. 1893+79.0 TO 1895+27.0
16	CL Sta. 1895+27.0 TO 1906+61.0
35	RT Sta. 1338+65.0 TO 1345+32.0
22	RT Sta. 1341+58.0 TO 1345+32.0
784 TOTAL	

REMARKS
Crystal Centerline Skip Dash
Bridge Gap
Crystal Centerline Skip Dash
Bridge Gap
Crystal Centerline Skip Dash
Crystal Outside Edge Line (IL 78 Exit Ramp)
Crystal Gore Area (IL 78 Exit Ramp)

78200005 GUARDRAIL REFLECTORS, TYPE A

<u>EACH</u>	<u>LOCATION</u>
<u>OUTSIDE SHOULDER</u>	
4	RT Sta. 1725+89.1 TO 1728+95.8
4	RT Sta. 1891+40.4 TO 1893+63.0
7	RT Sta. 1895+21.4 TO 1906+89.8
<u>INSIDE SHOULDER</u>	
4	LT Sta. 1727+58.7 TO 1729+22.8
4	LT Sta. 1891+33.0 TO 1893+81.9
4	LT Sta. 1905+02.8 TO 1906+89.8
27 TOTAL	

REMARKS

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USER NAME = bartonrw	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-17-2018 11:18:22 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: _____ SHEET 4 OF 5 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	14
CONTRACT NO. 64M94				
		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
719	CL Sta. 1326+40.0 TO 1906+61.0	
34	RT Sta. 1338+65.0 TO 1345+32.0	IL 78 Exit Ramp Edge of Pavement
20	RT Sta. 1341+58.0 TO 1345+32.0	IL 78 Gore Area
773	TOTAL	

X0320157 CLEANING UNDERDRAIN OUTLETS

<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
201	LT & RT Sta. 1326+40.0 TO 1906+90.0	If Needed
201	TOTAL	

X0325345 REALIGN EXISTING ATTENUATORS

<u>FOOT</u>	<u>LOCATION</u>	<u>REMARKS</u>
<u>EB</u>		
1	Crosby Rd 1358+74.9 TO 1359+07.0	
1	Lyndon Rd 1489+21.4 TO 1489+53.5	
1	Yorktown Rd 1670+38.1 TO 1670+70.0	Outside
1	Yorktown Rd 1671+72.0 TO 1672+04.1	
1	Matznick Rd 1796+02.0 TO 1796+34.0	
<u>WB</u>		
1	Crosby Rd 1357+77.4 TO 1358+09.5	
1	Lyndon Rd 1488+55.6 TO 1488+87.7	
1	Yorktown Rd 1671+06.2 TO 1671+38.2	
1	Matznick Rd 1795+50.0 TO 1795+82.2	
9	TOTAL	

X6431220 REMOVE AND REPLACE IMPACT ATTENUATOR SAND MODULE

<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
<u>EB</u>		
1	Crosby Rd 1358+74.9 TO 1359+07.0	
1	Yorktown Rd 1670+38.1 TO 1670+70.0	
<u>WB</u>		
2	Lyndon Rd 1488+55.6 TO 1488+87.7	
1	Matznick Rd 1795+50.0 TO 1795+82.2	
5	TOTAL	

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USER NAME = bartonw	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-17-2018 11:18:36 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	15
CONTRACT NO. 64M94				
ILLINOIS FED. AID PROJECT				

EARTH EXCAVATION

STATIONING		20200100		EARTH EX ADJ FOR SHRINKAGE		EMBANKMENT		EARTHWORK BALANCE*		21101615		25000750		25100630		28000250	
		EARTH EXCAVATION								TOPSOIL FURNISH AND PLACE, 4"		MOWING		EROSION CONTROL BLANKET		TEMP EROSION CONTROL SEEDING	
		LT	RT	LT	RT	LT	RT	LT	RT	LT	RT	LT	RT	LT	RT	LT	RT
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	SQ YD	SQ YD	ACRE	ACRE	SQ YD	SQ YD	POUND	POUND
1725+50	- 1725+75	0.00	0.42	0.00	0.35	0.00	1.51	0.00	-1.86	0.00	3.38	0.000	0.001	0.00	3.38	0.00	0.70
1725+75	- 1726+00	0.00	0.90	0.00	0.76	0.00	3.20	0.00	-3.96	0.00	7.75	0.000	0.002	0.00	7.75	0.00	1.60
1726+00	- 1726+25	0.00	1.19	0.00	1.01	0.00	3.30	0.00	-4.31	0.00	8.57	0.000	0.002	0.00	8.57	0.00	1.77
1726+25	- 1726+50	0.00	1.36	0.00	1.16	0.00	3.32	0.00	-4.47	0.00	9.04	0.000	0.002	0.00	9.04	0.00	1.87
1726+50	- 1726+75	0.00	1.32	0.00	1.12	0.00	3.40	0.00	-4.52	0.00	9.58	0.000	0.002	0.00	9.58	0.00	1.98
1726+75	- 1727+00	0.00	1.49	0.00	1.27	0.00	3.18	0.00	-4.45	11.71	8.36	0.002	0.002	11.71	8.36	2.42	1.73
1727+00	- 1727+25	2.54	1.46	2.16	1.24	1.70	2.70	-3.86	-3.94	23.42	4.79	0.005	0.001	23.42	4.79	4.84	0.99
1727+25	- 1727+50	4.08	1.37	3.47	1.17	5.70	2.34	-9.16	-3.51	13.01	1.58	0.003	0.000	13.01	1.58	2.69	0.33
1727+50	- 1727+75	3.49	1.61	2.97	1.37	7.70	2.32	-10.67	-3.69	1.68	1.33	0.000	0.000	1.68	1.33	0.35	0.28
1727+75	- 1728+00	3.58	1.74	3.04	1.48	5.88	2.38	-8.92	-3.86	1.72	1.85	0.000	0.000	1.72	1.85	0.36	0.38
1728+00	- 1728+25	2.79	1.68	2.37	1.43	3.91	2.37	-6.28	-3.80	1.82	1.76	0.000	0.000	1.82	1.76	0.38	0.36
1728+25	- 1728+50	2.12	1.52	1.80	1.29	3.34	2.32	-5.14	-3.61	2.14	1.26	0.000	0.000	2.14	1.26	0.44	0.26
1728+50	- 1728+75	2.32	1.50	1.97	1.28	5.67	2.74	-7.64	-4.01	25.07	3.58	0.005	0.001	25.07	3.58	5.18	0.74
1728+75	- 1729+00	3.38	0.81	2.87	0.69	6.82	1.60	-9.69	-2.29	39.63	3.15	0.008	0.001	39.63	3.15	8.19	0.65
1729+00	- 1729+25	2.01	0.00	1.70	0.00	2.75	0.00	-4.46	0.00	16.22	0.00	0.003	0.000	16.22	0.00	3.35	0.00
1890+75	- 1891+00	4.15	0.00	3.53	0.00	4.20	0.00	-7.73	0.00	9.53	0.00	0.002	0.000	9.53	0.00	1.97	0.00
1891+00	- 1891+25	8.04	0.50	6.83	0.42	8.37	1.20	-15.21	-1.62	19.86	1.93	0.004	0.000	19.86	1.93	4.10	0.40
1891+25	- 1891+50	6.77	1.28	5.76	1.09	7.97	2.88	-13.72	-3.97	17.63	7.10	0.0036	0.0015	17.63	7.10	3.64	1.47
1891+50	- 1891+75	5.34	1.41	4.54	1.20	6.90	2.78	-11.44	-3.98	21.36	5.29	0.0044	0.0011	21.36	5.29	4.41	1.09
1891+75	- 1892+00	4.92	1.45	4.18	1.23	6.25	2.24	-10.43	-3.47	29.15	0.57	0.0060	0.0001	29.15	0.57	6.02	0.12
1892+00	- 1892+25	4.70	1.76	3.99	1.49	6.14	2.31	-10.13	-3.81	25.94	1.21	0.0054	0.0002	25.94	1.21	5.36	0.25
1892+25	- 1892+50	4.35	1.76	3.70	1.49	5.68	2.29	-9.37	-3.78	22.33	1.01	0.0046	0.0002	22.33	1.01	4.61	0.21
1892+50	- 1892+75	4.46	1.75	3.80	1.49	5.00	2.51	-8.79	-4.00	20.21	3.13	0.0042	0.0006	20.21	3.13	4.18	0.65
1892+75	- 1893+00	5.66	1.88	4.81	1.60	5.09	3.26	-9.90	-4.86	22.69	9.89	0.0047	0.0020	22.69	9.89	4.69	2.04
1893+00	- 1893+25	5.57	2.13	4.73	1.81	4.82	3.50	-9.55	-5.31	22.11	12.32	0.0046	0.0025	22.11	12.32	4.57	2.55
1893+25	- 1893+50	5.81	2.15	4.94	1.83	4.63	3.23	-9.57	-5.06	21.96	9.54	0.0045	0.0020	21.96	9.54	4.54	1.97
1893+50	- 1893+75	3.62	0.98	3.08	0.83	4.33	1.59	-7.41	-2.42	14.60	4.24	0.0030	0.0009	14.60	4.24	3.02	0.88
1893+75	- 1894+00	0.08	0.00	0.07	0.00	1.75	0.00	-1.82	0.00	0.79	0.00	0.0002	0.0000	0.79	0.00	0.16	0.00
1895+00	- 1895+25	0.00	1.04	0.00	0.88	0.00	1.40	0.00	-2.28	0.00	2.82	0.0000	0.0006	0.00	2.82	0.00	0.58
1895+25	- 1895+50	0.00	2.20	0.00	1.87	0.00	2.76	0.00	-4.62	0.00	5.24	0.0000	0.0011	0.00	5.24	0.00	1.08
1895+50	- 1895+75	0.00	1.71	0.00	1.45	0.00	2.83	0.00	-4.28	0.00	5.04	0.0000	0.0010	0.00	5.04	0.00	1.04
1895+75	- 1896+00	0.00	1.10	0.00	0.93	0.00	3.05	0.00	-3.98	0.00	6.13	0.0000	0.0013	0.00	6.13	0.00	1.27
1896+00	- 1896+25	0.00	1.19	0.00	1.01	0.00	2.87	0.00	-3.89	0.00	5.29	0.0000	0.0011	0.00	5.29	0.00	1.09
1896+25	- 1896+50	0.00	1.45	0.00	1.23	0.00	2.50	0.00	-3.73	0.00	2.76	0.0000	0.0006	0.00	2.76	0.00	0.57
1896+50	- 1896+75	0.00	1.44	0.00	1.22	0.00	2.30	0.00	-3.53	0.00	1.03	0.0000	0.0002	0.00	1.03	0.00	0.21
1896+75	- 1897+00	0.00	1.25	0.00	1.06	0.00	2.24	0.00	-3.30	0.00	0.54	0.0000	0.0001	0.00	0.54	0.00	0.11
1897+00	- 1897+25	0.00	1.22	0.00	1.04	0.00	2.35	0.00	-3.38	0.00	1.51	0.0000	0.0003	0.00	1.51	0.00	0.31
1897+25	- 1897+50	0.00	1.23	0.00	1.04	0.00	2.47	0.00	-3.52	0.00	2.54	0.0000	0.0005	0.00	2.54	0.00	0.53
1897+50	- 1897+75	0.00	1.24	0.00	1.05	0.00	2.44	0.00	-3.49	0.00	2.26	0.0000	0.0005	0.00	2.26	0.00	0.47

*WASTE (+) / SHORTAGE (-)

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USER NAME = bartonw	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-17-2018 11:18:59 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EARTH EXCAVATION SCHEDULE

SCALE: _____ SHEET 1 OF 2 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	16
CONTRACT NO. 64M94				
ILLINOIS FED. AID PROJECT				

EARTH EXCAVATION (CONTINUED)

STATIONING		20200100		EARTH EX ADJ FOR SHRINKAGE		EMBANKMENT		EARTHWORK BALANCE*		21101615		25000750		25100630		28000250	
		EARTH EXCAVATION								TOPSOIL FURNISH AND PLACE, 4"		MOWING		EROSION CONTROL BLANKET		TEMP EROSION CONTROL SEEDING	
		LT	RT	LT	RT	LT	RT	LT	RT	LT	RT	LT	RT	LT	RT	LT	RT
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	SQ YD	SQ YD	ACRE	ACRE	SQ YD	SQ YD	POUND	POUND
1897+75	- 1898+00	0.00	1.22	0.00	1.04	0.00	2.29	0.00	-3.33	0.00	1.03	0.0000	0.0002	0.00	1.03	0.00	0.21
1898+00	- 1898+25	0.00	1.21	0.00	1.03	0.00	2.29	0.00	-3.32	0.00	1.04	0.0000	0.0002	0.00	1.04	0.00	0.22
1898+25	- 1898+50	0.00	1.22	0.00	1.03	0.00	2.38	0.00	-3.42	0.00	1.82	0.0000	0.0004	0.00	1.82	0.00	0.38
1898+50	- 1898+75	0.00	1.21	0.00	1.03	0.00	2.40	0.00	-3.43	0.00	1.96	0.0000	0.0004	0.00	1.96	0.00	0.40
1898+75	- 1899+00	0.00	1.19	0.00	1.01	0.00	2.36	0.00	-3.38	0.00	1.64	0.0000	0.0003	0.00	1.64	0.00	0.34
1899+00	- 1899+25	0.00	1.20	0.00	1.02	0.00	2.29	0.00	-3.31	0.00	1.03	0.0000	0.0002	0.00	1.03	0.00	0.21
1899+25	- 1899+50	0.00	1.20	0.00	1.02	0.00	2.28	0.00	-3.30	0.00	0.96	0.0000	0.0002	0.00	0.96	0.00	0.20
1899+50	- 1899+75	0.00	1.21	0.00	1.03	0.00	2.40	0.00	-3.43	0.00	1.94	0.0000	0.0004	0.00	1.94	0.00	0.40
1899+75	- 1900+00	0.00	1.22	0.00	1.03	0.00	2.45	0.00	-3.49	0.00	2.36	0.0000	0.0005	0.00	2.36	0.00	0.49
1900+00	- 1900+25	0.00	1.20	0.00	1.02	0.00	2.36	0.00	-3.38	0.00	1.60	0.0000	0.0003	0.00	1.60	0.00	0.33
1900+25	- 1900+50	0.00	1.58	0.00	1.34	0.00	2.37	0.00	-3.71	0.00	1.74	0.0000	0.0004	0.00	1.74	0.00	0.36
1900+50	- 1900+75	0.00	2.15	0.00	1.82	0.00	2.50	0.00	-4.32	0.00	2.89	0.0000	0.0006	0.00	2.89	0.00	0.60
1900+75	- 1901+00	0.00	1.91	0.00	1.62	0.00	2.41	0.00	-4.03	0.00	2.14	0.0000	0.0004	0.00	2.14	0.00	0.44
1901+00	- 1901+25	0.00	1.47	0.00	1.25	0.00	2.27	0.00	-3.52	0.00	0.83	0.0000	0.0002	0.00	0.83	0.00	0.17
1901+25	- 1901+50	0.00	1.72	0.00	1.46	0.00	2.34	0.00	-3.80	0.00	1.57	0.0000	0.0003	0.00	1.57	0.00	0.32
1901+50	- 1901+75	0.00	1.81	0.00	1.54	0.00	2.38	0.00	-3.91	0.00	1.92	0.0000	0.0004	0.00	1.92	0.00	0.40
1901+75	- 1902+00	0.00	1.45	0.00	1.23	0.00	2.27	0.00	-3.50	0.00	0.79	0.0000	0.0002	0.00	0.79	0.00	0.16
1902+00	- 1902+25	0.00	1.25	0.00	1.06	0.00	2.21	0.00	-3.27	0.00	0.35	0.0000	0.0001	0.00	0.35	0.00	0.07
1902+25	- 1902+50	0.00	1.23	0.00	1.04	0.00	2.26	0.00	-3.30	0.00	0.76	0.0000	0.0002	0.00	0.76	0.00	0.16
1902+50	- 1902+75	0.00	1.52	0.00	1.29	0.00	2.40	0.00	-3.68	0.00	1.99	0.0000	0.0004	0.00	1.99	0.00	0.41
1902+75	- 1903+00	0.00	1.79	0.00	1.52	0.00	2.49	0.00	-4.00	0.00	2.79	0.0000	0.0006	0.00	2.79	0.00	0.58
1903+00	- 1903+25	0.00	1.67	0.00	1.42	0.00	2.41	0.00	-3.83	0.00	2.14	0.0000	0.0004	0.00	2.14	0.00	0.44
1903+25	- 1903+50	0.00	1.52	0.00	1.29	0.00	2.33	0.00	-3.62	0.00	1.36	0.0000	0.0003	0.00	1.36	0.00	0.28
1903+50	- 1903+75	0.00	1.57	0.00	1.34	0.00	2.34	0.00	-3.68	0.00	1.50	0.0000	0.0003	0.00	1.50	0.00	0.31
1903+75	- 1904+00	0.00	1.76	0.00	1.50	0.00	2.43	0.00	-3.93	0.00	2.28	0.0000	0.0005	0.00	2.28	0.00	0.47
1904+00	- 1904+25	0.00	1.75	0.00	1.49	0.00	2.41	0.00	-3.90	0.00	2.11	0.0000	0.0004	0.00	2.11	0.00	0.44
1904+25	- 1904+50	0.00	1.67	0.00	1.42	0.00	2.39	0.00	-3.81	0.00	1.92	0.0000	0.0004	0.00	1.92	0.00	0.40
1904+50	- 1904+75	1.45	2.08	1.23	1.77	1.73	2.60	-2.96	-4.36	3.63	3.81	0.0007	0.0008	3.63	3.81	0.75	0.79
1904+75	- 1905+00	3.25	2.69	2.76	2.28	5.74	2.87	-8.50	-5.16	4.46	6.29	0.0009	0.0013	4.46	6.29	0.92	1.30
1905+00	- 1905+25	3.31	2.32	2.82	1.97	7.60	2.73	-10.41	-4.71	1.58	5.03	0.0003	0.0010	1.58	5.03	0.33	1.04
1905+25	- 1905+50	3.43	1.49	2.92	1.27	6.94	2.35	-9.86	-3.61	11.96	1.53	0.0025	0.0003	11.96	1.53	2.47	0.32
1905+50	- 1905+75	4.13	1.24	3.51	1.06	5.50	2.20	-9.01	-3.26	15.81	0.26	0.0033	0.0001	15.81	0.26	3.27	0.05
1905+75	- 1906+00	6.26	1.84	5.32	1.56	5.13	2.45	-10.45	-4.01	18.88	2.50	0.0039	0.0005	18.88	2.50	3.90	0.52
1906+00	- 1906+25	6.02	3.12	5.12	2.65	4.90	2.84	-10.01	-5.49	20.97	6.00	0.0043	0.0012	20.97	6.00	4.33	1.24
1906+25	- 1906+50	4.07	2.80	3.46	2.38	3.61	2.74	-7.07	-5.12	13.71	5.22	0.0028	0.0011	13.71	5.22	2.83	1.08
1906+50	- 1906+75	2.11	1.39	1.80	1.18	3.03	3.20	-4.83	-4.38	7.01	7.32	0.0014	0.0015	7.01	7.32	1.45	1.51
1906+75	- 1906+90	0.01	0.29	0.01	0.25	0.80	1.17	-0.81	-1.42	0.00	5.76	0.0000	0.0012	0.00	5.76	0.00	1.19
SUBTOTAL		123.83	109.63	105.26	93.19	159.56	180.55	-264.81	-273.74	482.58	245.56	0.0997	0.0507	482.58	245.56	99.71	50.73
TOTAL		235		200		345		-540		729		0.25		729		151	

*WASTE (+) / SHORTAGE (-)

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USER NAME = bartonw	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-17-2018 11:19:17 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EARTH EXCAVATION SCHEDULE

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	17
CONTRACT NO. 64M94				
ILLINOIS FED. AID PROJECT				

PROFILE DIAMOND GRINDING SCHEDULE

INSIDE LANE						
STATIONING	LENGTH	AVERAGE LENGTH	WIDTH	LT/RT	X0326767 PROFILE DIAMOND GRINDING CONCRETE PAVEMENT SQ YD	
	FEET	FEET	FEET			
1377+10.3 - 1377+12.8	2.5	2.5	6	LT	1.7	
1400+97.8 - 1401+15.3	17.5	16.8	12	-	22.3	
1401+00.0 - 1401+16.0	16.0					
1401+33.0 - 1401+40.7	7.7	7.7	6	LT	5.1	
1402+25.7 - 1402+40.5	14.8	11.5	12	-	15.3	
1402+26.8 - 1402+35.0	8.2					
1402+55.5 - 1402+61.6	6.1	5.1	12	-	6.7	
1402+58.5 - 1402+62.5	4.0					
1403+17.4 - 1403+21.9	4.5	4.5	6	RT	3.0	
1403+38.0 - 1403+47.8	9.8	9.8	6	LT	6.5	
1404+62.8 - 1404+71.6	8.8	8.8	6	LT	5.9	
1407+42.4 - 1407+50.3	7.9	6.7	12	-	8.9	
1407+43.3 - 1407+48.8	5.5					
1407+88.9 - 1407+93.5	4.6	4.6	6	RT	3.1	
1408+08.8 - 1408+15.8	7.0	5.9	12	-	7.9	
1408+11.8 - 1408+16.6	4.8					
1408+46.2 - 1408+55.2	9.0	5.8	12	-	7.8	
1408+50.2 - 1408+52.9	2.7					
1408+71.9 - 1408+76.0	4.1	3.1	12	-	4.1	
1409+14.7 - 1409+16.8	2.1					
1409+37.8 - 1409+50.1	12.3	11.9	12	-	15.9	
1409+37.9 - 1409+49.4	11.5					
1409+79.9 - 1409+90.5	10.6	10.3	12	-	13.7	
1409+80.7 - 1409+90.7	10.0					
1410+05.3 - 1410+10.6	5.3	5.3	6	LT	3.5	
1430+58.3 - 1430+64.1	5.8	5.9	12	-	7.9	
1441+96.9 - 1442+02.9	6.0					
1449+45.4 - 1449+53.1	7.7	7.7	6	LT	5.1	
1455+04.9 - 1455+09.7	4.8	4.8	6	LT	3.2	
1514+98.0 - 1515+05.5	7.5	4.9	12	-	6.5	
1515+01.1 - 1515+03.4	2.3					
1684+98.5 - 1685+03.8	5.3	5.3	6	LT	3.5	
1726+17.1 - 1726+23.3	6.2	4.3	12	-	5.8	
1726+17.9 - 1726+20.4	2.5					

INSIDE LANE						
STATIONING	LENGTH	AVERAGE LENGTH	WIDTH	LT/RT	X0326767 PROFILE DIAMOND GRINDING CONCRETE PAVEMENT SQ YD	
	FEET	FEET	FEET			
1726+59.6 - 1726+64.0	4.4	4.4	6	LT	2.9	
1727+39.6 - 1727+51.2	11.6	10.25	12	-	13.7	
1727+43.2 - 1727+52.1	8.9					
1727+69.3 - 1727+78.9	9.6	9.6	6	LT	6.4	
1728+10.9 - 1728+16.1	5.2	5.2	6	LT	3.5	
1728+28.6 - 1728+35.9	7.3	7.3	6	LT	4.9	
1729+32.6 - 1729+41.8	9.2	8.15	12	-	10.9	
1729+37.3 - 1729+44.4	7.1					
1729+73.1 - 1729+80.8	7.7	7.7	6	RT	5.1	
1729+93.1 - 1730+01.8	8.7	8.7	6	RT	5.8	
1730+56.2 - 1730+61.0	4.8	4.8	6	LT	3.2	
1730+77.1 - 1730+89.3	12.2	12.2	6	LT	8.1	
1740+87.8 - 1740+93.8	6	5.4	12	-	7.2	
1740+88.8 - 1740+93.6	4.8					
1757+45.3 - 1757+47.6	2.3	2.3	6	LT	1.5	
1757+70.0 - 1757+75.3	5.3	5.3	6	RT	3.5	
1763+62.1 - 1763+66.2	4.1	4.1	6	RT	2.7	
1764+48.9 - 1764+58.6	9.7	9.7	6	RT	6.5	
1767+82.7 - 1767+93.9	11.2	11.2	12	-	14.9	
1767+89.2 - 1768+00.4	11.2					
1890+28.3 - 1890+44.8	16.5	15.6	12	-	20.8	
1890+28.7 - 1890+43.4	14.7					
1890+57.8 - 1890+70.7	12.9	14.55	12	-	19.4	
1890+57.8 - 1890+74.0	16.2					
1890+90.8 - 1890+98.3	7.5	7.5	6	RT	5.0	
1892+10.3 - 1892+15.2	4.9	4.9	6	RT	3.3	
1893+06.8 - 1893+10.3	3.5	5.25	12	-	7.0	
1893+07.6 - 1893+14.6	7					
1893+48.0 - 1893+58.3	10.3	10.3	6	LT	6.9	
1893+92.8 - 1893+96.4	3.6	3.6	6	RT	2.4	
1903+48.7 - 1903+51.6	2.9	2.9	6	RT	1.9	
SUBTOTAL					331.1	

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USER NAME = bartonw	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-17-2018 11:19:35 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROFILE DIAMOND GRINDING SCHEDULE

SCALE: _____ SHEET 1 OF 2 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	18
CONTRACT NO. 64M94				
ILLINOIS FED. AID PROJECT				

HOT MIX ASPHALT SCHEDULE

STATIONING	REMARKS	LENGTH	WIDTH	PROPOSED	40600275	40600990	40600985	48100100	X0325536	X0326129
					BIT MAT (PRIME COAT)	TEMPORARY RAMP	PCC SURF REMOVAL - BUTT JOINT	AGG SHLDRS, TYPE A	RAPID POLY MODF EMLS	ULTRA-THIN HMA SURF
					(8.01b/SQ YD)			(6") (2.05 TON/CU YD)	(0.2 gal/SQ YD)	(3/4")
		FEET	FEET	SQ. YD.	POUND	SQ YD	SQ YD	TON	GALLON	SQ YD
I-88: MAINLINE - EB										
1326+40.0 - 1727+85.0		40145	24	107053.3					21410.7	107053
1727+85.0 - 1731+65.0	BRIDGE OMISSION	380.0								
1731+65.0 - 1892+50.0		16085	24	42893.3					8578.7	42893
1892+50.0 - 1895+66.0	BRIDGE OMISSION	316.0								
1895+66.0 - 1906+61.0		1095	24	2920.0					584.0	2920
1338+65.0 - 1341+58.0	Gore for IL 78 Exit	293	0 to 16	260.4					52.1	260
1341+58.0 - 1345+32.0	IL 78 Exit Ramp	374	16	664.9					133.0	665
1369+56.0 - 1372+92.0	IL 78 Entrance Ramp	336	16	597.3					119.5	597
1372+92.0 - 1380+84.0	Gore for IL 78	792	0 to 16	704.0					140.8	704
I-88: GUARDRAIL AREAS - OUTSIDE SHOULDERS - EB										
1725+54.5 - 1725+79.0		24.43	0 TO 4	5.4	43.4			2		
1725+79.0 - 1728+95.8		316.82	4	140.8	1126.5			48		
1891+04.8 - 1891+31.8		26.92	0 TO 4	6.0	47.9			2		
1891+31.8 - 1893+63.0		231.28	4	102.8	822.3			35		
1895+21.4 - 1906+89.8		1168.3	4	519.3	4154.2			177		
I-88: GUARDRAIL AREAS - INSIDE SHOULDERS - EB										
1727+23.5 - 1727+46.7		23.26	0 TO 16	20.7	165.4			7		
1727+46.7 - 1727+71.9		25	16	44.4	355.6			15		
1727+71.9 - 1727+95.2		23.31	8.42 TO 16	31.6	253.0			11		
1727+95.2 - 1728+84.9		89.72	4 TO 8.42	61.9	495.3			21		
1728+84.9 - 1729+22.8		37.88	4	16.8	134.7			6		
1891+03.0 - 1891+21.7		18.74	0 TO 14	14.6	116.6			5		
1891+21.7 - 1891+46.7		25	14	38.9	311.1			13		
1891+46.7 - 1891+71.5		24.88	7.08 TO 14	29.1	233.1			10		
1891+71.5 - 1893+44.8		173.26	4 TO 7.08	106.7	853.2			36		
1893+44.8 - 1893+81.9		37.12	4	16.5	132.0			6		

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USER NAME = bartonw	DESIGNED - _____	REVISED - _____
	DRAWN - SKV	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-17-2018 11:20:06 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HOT MIX ASPHALT SCHEDULE

SCALE: _____ SHEET 1 OF 2 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-88	(195-2) RS-1	WHITESIDE	36	20
			CONTRACT NO. 64M94	
		ILLINOIS	FED. AID PROJECT	

HOT MIX ASPHALT SCHEDULE (CONTINUED)

STATIONING	REMARKS	LENGTH	WIDTH	PROPOSED	40600275	40600990	40600985	48100100	X0325536	X0326129
					BIT MAT (PRIME COAT)	TEMPORARY RAMP	PCC SURF REMOVAL - BUTT JOINT	AGG SHLDRS, TYPE A	RAPID POLY MODF EMLS	ULTRA-THIN HMA SURF
					(8.0 lb/SQ YD)			(6") (2.05 TON/CU YD)	(0.2 gal/SQ YD)	(3/4")
		FEET	FEET	SQ. YD.	POUND	SQ YD	SQ YD	TON	GALLON	SQ YD
I-88: GUARDRAIL AREAS - INSIDE SHOULDERS - EB (CONTINUED)										
1904+67.9 - 1904+90.1		22.21	0 TO 16	19.7	157.9			7		
1904+90.1 - 1905+15.1		25	16	44.4	355.6			15		
1905+15.1 - 1905+52.6		37.48	7.25 TO 16	48.4	387.3			17		
1905+52.6 - 1906+52.3		99.67	4 TO 7.25	62.3	498.4			21		
1906+52.3 - 1906+89.8		37.54	4	16.7	133.5			6		
I-88: BUTT JOINTS										
1326+40.0 - 1326+77.5	Project Limits	37.5	24	100.0		100.00	100.0			
1906+23.5 - 1906+61.0	Project Limits	37.5	24	100.0		100.00	100.0			
1344+94.5 - 1345+32.0	IL 78 Exit Ramp	37.5	16	66.7		66.67	66.7			
1369+56.0 - 1369+93.5	IL 78 Entrance Ramp	37.5	16	66.7		66.67	66.7			
1727+47.5 - 1727+85.0	BRIDGE OMISSION	37.5	24	100.0		100.00	100.0			
1731+65.0 - 1732+02.5	BRIDGE OMISSION	37.5	24	100.0		100.00	100.0			
1892+12.5 - 1892+50.0	BRIDGE OMISSION	37.5	24	100.0		100.00	100.0			
1895+66.0 - 1896+03.5	BRIDGE OMISSION	37.5	24	100.0		100.00	100.0			
TOTALS					10,777	734	734	461	31,019	155,094

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USER NAME = bartonrw	DESIGNED - _____	REVISED - _____
	DRAWN - SKV	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-17-2018 11:20:20 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HOT MIX ASPHALT SCHEDULE

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-88	(195-2) RS-1	WHITESIDE	36	21
CONTRACT NO. 64M94				
ILLINOIS FED. AID PROJECT				

CLASS A PATCHES, 13" (MAINLINE)

STATION	LENGTH OF PATCH		30300001*	44200610		44200614		44213000***	44213200*	Z0028415*
	LT LANE (foot)	RT LANE (foot)	AGG SUBG IMPR	TYPE 2		TYPE 4		PATCH REIN- FORCEMT	SAW CUTS (4W+2L)	GEOTECH REINF
			(yd ³)	(yd ²)	(yd ²)	(yd ²)	(yd ²)	(yd ²)	(foot)	(yd ²)
EAST BOUND:										
1402+33.04	8			10.7				10.7	64	
1532+78.29	20	20				26.7	26.7	53.3	176	
1539+15.54	10	10		13.3	13.3			26.7	136	
1558+76.90	10	10		13.3	13.3			26.7	136	
1661+31.08		8			10.7			10.7	64	
1662+37.50	8	8		10.7	10.7			21.3	128	
1664+90.49		8			10.7			10.7	64	
	SUBTOTALS:			48.0	58.7	26.7	26.7	160.0	768.0	
	TOTAL:		10	107	54	160	1180	32		

* ADDITIONAL QUANTITY IS ON EB CLASS B PATCHING SCHEDULE
 *** EXISTING REINFORCEMENT BAR SPACING IS 163mm

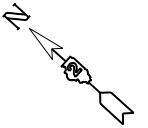
CLASS B PATCHES, 9" (SHOULDERS)

STATION	LENGTH OF PATCH		30300001*	42000060	44200956		44200964		44201298	44213200*	44213204	Z0028415*
	LT SHLDR (foot)	RT SHLDR (foot)	AGG SUBG IMPR	WELDED WIRE REINFORCEMENT	TYPE 2		TYPE 4		DOWEL BARS 1 1/4"	SAW CUTS (4W+2L)	TIE BARS, 3/4"	GEOTECH REINF
			(yd ³)	(yd ²)	(yd ²)	(yd ²)	(yd ²)	(yd ²)	(yd ²)	(each)	(foot)	(each)
EAST BOUND:												
1396+98.26	10				6.7				10	44		
1402+33.04	8				5.3				10	40		
1403+61.08	10				6.7				10	44		
1524+71.15	8				5.3				10	40		
1558+76.90	10	10			6.7	11.1			26	88		
1887+82.69		66		73.3				73.3	16	156	23	
	SUBTOTALS:			73.3	30.7	11.1		73.3	82.0	412.0	23.0	
	TOTAL:		10	74	42	74	82	1180	23	32		

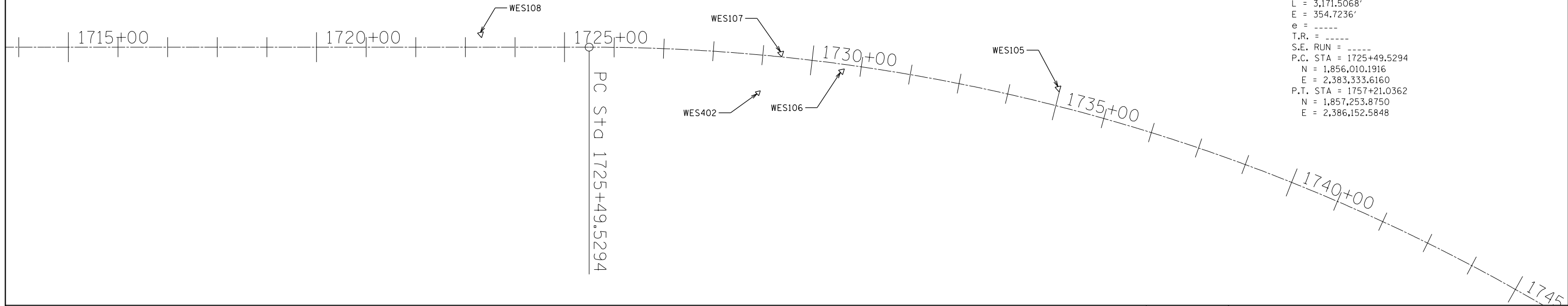
* ADDITIONAL QUANTITY IS ON EB CLASS A PATCHING SCHEDULE

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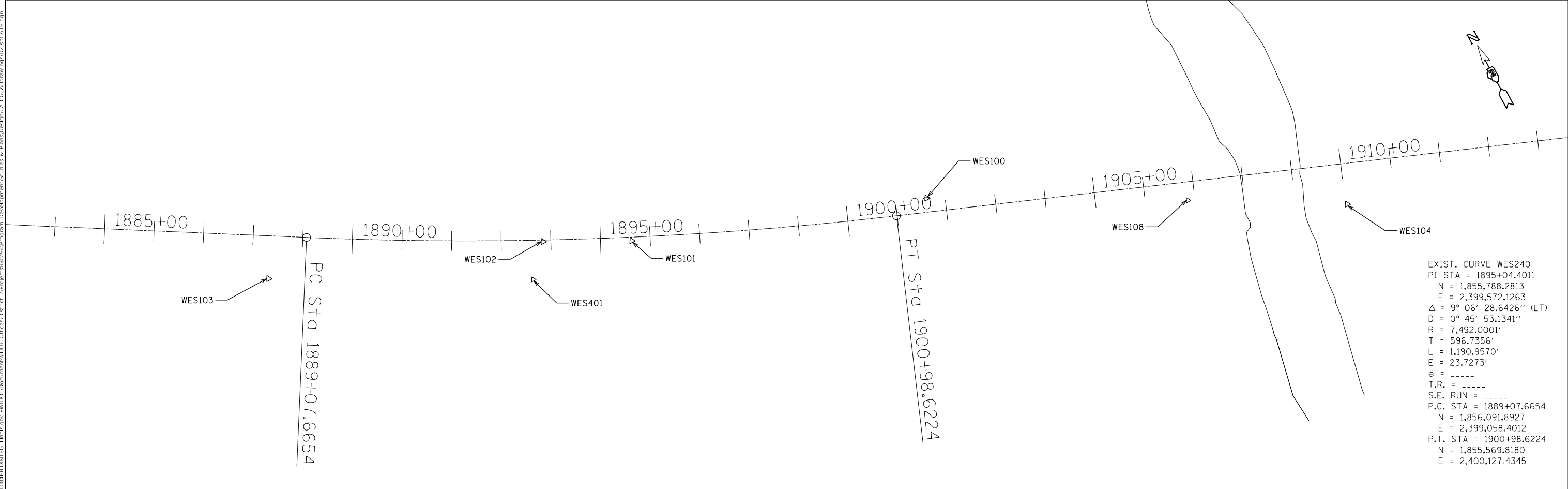
HORIZONTAL AND VERTICAL CONTROL



EXIST. CURVE WES220
 PI STA = 1742+33.2084
 N = 1,857,253.5306
 E = 2,384,468.9058
 Δ = 47° 35' 20.9576" (RT)
 D = 1° 30' 01.8790"
 R = 3,818.3900'
 T = 1,683.6790'
 L = 3,171.5068'
 E = 354.7236'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 1725+49.5294
 N = 1,856,010.1916
 E = 2,383,333.6160
 P.T. STA = 1757+21.0362
 N = 1,857,253.8750
 E = 2,386,152.5848



EXIST. CURVE WES240
 PI STA = 1895+04.4011
 N = 1,855,788.2813
 E = 2,399,572.1263
 Δ = 9° 06' 28.6426" (LT)
 D = 0° 45' 53.1341"
 R = 7,492.0001'
 T = 596.7356'
 L = 1,190.9570'
 E = 23.7273'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 1889+07.6654
 N = 1,856,091.8927
 E = 2,399,058.4012
 P.T. STA = 1900+98.6224
 N = 1,855,569.8180
 E = 2,400,127.4345



MODEL: Default
 FILE NAME: p:\11108\BARENITEC\Illinois.gov\RWIDOT\Documents\DOT_Offices\District_3\Projects\64M94\Program_Development\Studies & Plans\Design\CADD\CADDrawings\195-2\195-2\195-2.dwg

USER NAME = bartonrw	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 200.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-17-2018 11:28:53 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HORIZONTAL & VERTICAL CONTROL

SCALE: _____ SHEET 1 OF 2 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2)R5-1	WHITESIDE	36	23
CONTRACT NO. 64M94				
		ILLINOIS	FED. AID PROJECT	

HORIZONTAL AND VERTICAL CONTROL

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
WES100	1855571.940	2400199.137	642.262	I-88	1901+64.57	22.2248' LT	PIN & CAP
WES101	1855776.451	2399634.341	651.060	I-88	1895+64.18	7.3050' RT	PIN & CAP
WES102	1855859.215	2399475.693	651.549	I-88	1893+85.41	3.2314' RT	PIN & CAP
WES103	1856054.149	2398952.732	646.965	I-88	1888+35.90	86.2564' RT	PIN & CAP
WES104	1855161.673	2400940.503	626.336	I-88	1910+04.67	82.1480' RT	PIN & CAP
WES105	1856651.963	2384033.582	641.805	I-88	1734+96.83	33.7800' LT	PIN & CAP
WES106	1856354.737	2383712.735	643.416	I-88	1730+62.93	13.3000' RT	PIN & CAP
WES107	1856286.513	2383604.874	643.530	I-88	1729+36.58	5.6354' LT	PIN & CAP
WES108	1855867.691	2383167.251	638.366	I-88	1723+32.12	26.7679' LT	PIN & CAP

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
WES 400	1855319.761	2400661.000	636.291	I-88	1906+86.69	37.3587' RT	CHIS SQ TOP OF WALL
WES 401	1855801.368	2399422.013	656.135	I-88	1893+63.97	79.1465' RT	DISK TOP OF WALL
WES 402	1856199.331	2383631.914	645.510	I-88	1728+97.86	77.1906' RT	CHIS SQ TOP OF WALL

Chain I74 contains:
 CUR 02906320 CUR 02906330 CUR 02906340 CUR 00298200 CUR 00298210 CUR 00298220 - I7437

Chain I74 contains:
 CUR 02906320 CUR 02906330 CUR 02906340 CUR 00298200 CUR 00298210 CUR 00298220 - I7437

Beginning chain I74 description

Beginning chain I74 description

Curve Data

Curve 02906330
 P.I. Station 1314+36.19 N 1,680,744.2203 E 2,250,532.8955
 Delta = 10° 17' 26.14" (LT)
 Degree = 0° 28' 00.00"
 Tangent = 1,105.5402'
 Length = 2,205.1335'
 Radius = 12,277.7000'
 External = 49.6735'
 Long Chord = 2,202.1709'
 Mid. Ord. = 49.4733'
 P.C. Station 1303+30.65 N 1,681,849.6866 E 2,250,545.6784
 P.T. Station 1325+35.79 N 1,679,654.2526 E 2,250,717.7995
 C.C. N 1,681,707.7249 E 2,262,822.5576

Curve Data

Curve 02906330
 P.I. Station 1314+36.19 N 1,680,744.2203 E 2,250,532.8955
 Delta = 10° 17' 26.14" (LT)
 Degree = 0° 28' 00.00"
 Tangent = 1,105.5402'
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 Radius = 12,277.7000'
 External = 49.6735'
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 Mid. Ord. = 49.4733'
 P.C. Station 1303+30.65 N 1,681,849.6866 E 2,250,545.6784
 P.T. Station 1325+35.79 N 1,679,654.2526 E 2,250,717.7995
 C.C. N 1,681,707.7249 E 2,262,822.5576

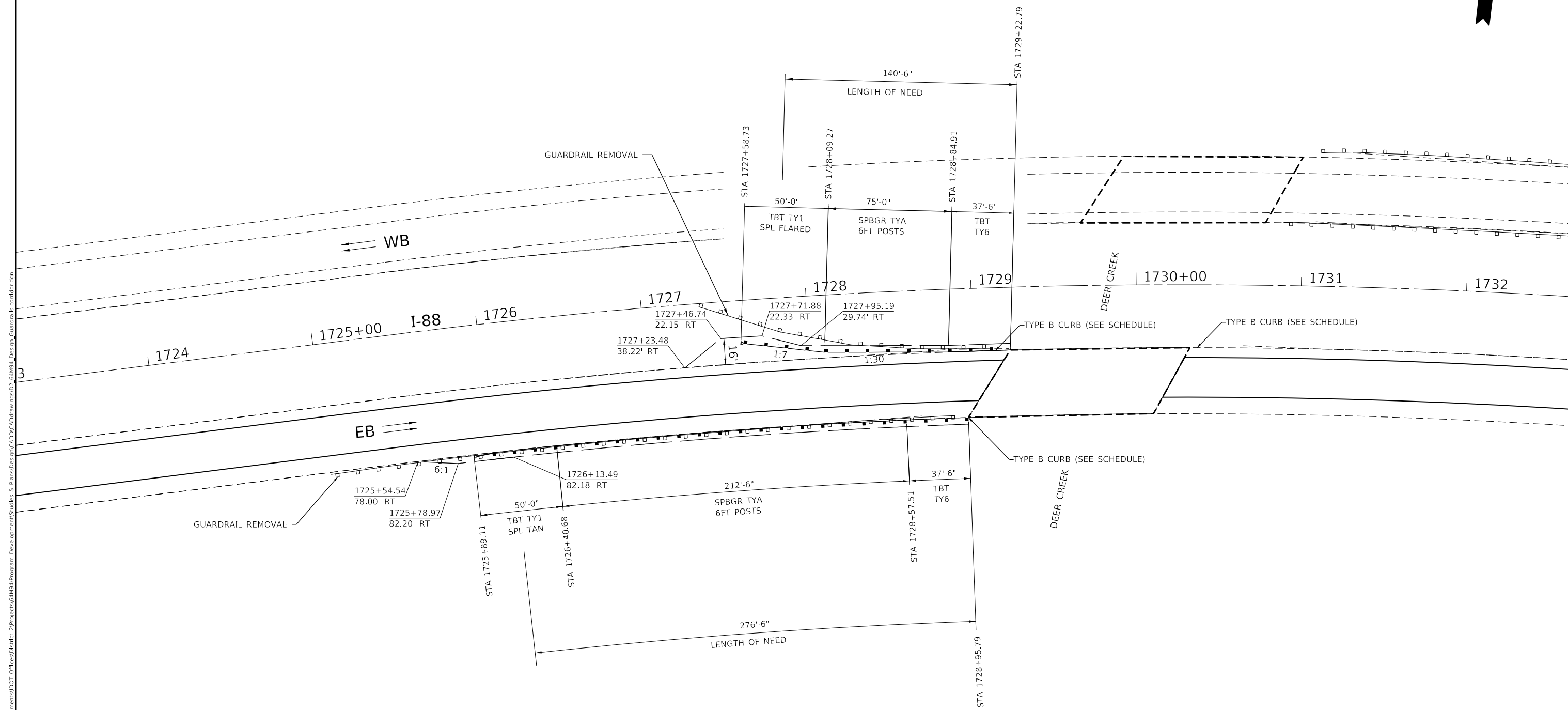
Course from PT 02906330 to PC 02906340 170° 22' 19.34" Dist 5,139.0153'

Course from PT 02906330 to PC 02906340 170° 22' 19.34" Dist 5,139.0153'

MOE:\1\default\FILE\NAME\PROJECTS\64M94\Program Development\Studies & Plans\Design\CADD\CADDrawings\I74-2-ht-ATB.dgn

USER NAME = bartonw PLOT SCALE = 200.0000' / in. PLOT DATE = Dec-17-2018 11:29:09 AM	DESIGNED - _____ DRAWN - _____ CHECKED - _____ DATE - _____	REVISED - _____ REVISED - _____ REVISED - _____ REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL & VERTICAL CONTROL SCALE: _____ SHEET 2 OF 2 SHEETS STA. _____ TO STA. _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>F.A.I. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>88</td> <td>(195-2)R5-1</td> <td>WHITESIDE</td> <td>36</td> <td>24</td> </tr> <tr> <td colspan="5" style="text-align: center;">CONTRACT NO. 64M94</td> </tr> <tr> <td colspan="5" style="text-align: center;">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	88	(195-2)R5-1	WHITESIDE	36	24	CONTRACT NO. 64M94					ILLINOIS FED. AID PROJECT				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																					
88	(195-2)R5-1	WHITESIDE	36	24																					
CONTRACT NO. 64M94																									
ILLINOIS FED. AID PROJECT																									

GUARDRAIL 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.

MOE:\1 - Default FILE NAME: p:\11188\BARDINTEG_illinois.gov-PWD\DOT\Documents\DOT_Offices\District 2\Projects\64M94\Program_Development\Studies & Plans\Design\CADD\CADDrawings\B2_64M94_Design_Guardrail-corridor.dgn

USER NAME = bartonrw	DESIGNED - _____	REVISED - _____
DRAWN - SKV	REVISED - _____	REVISED - _____
PLOT SCALE = 60:0' = 1" / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-17-2018 11:34:36 AM	DATE - _____	REVISED - _____

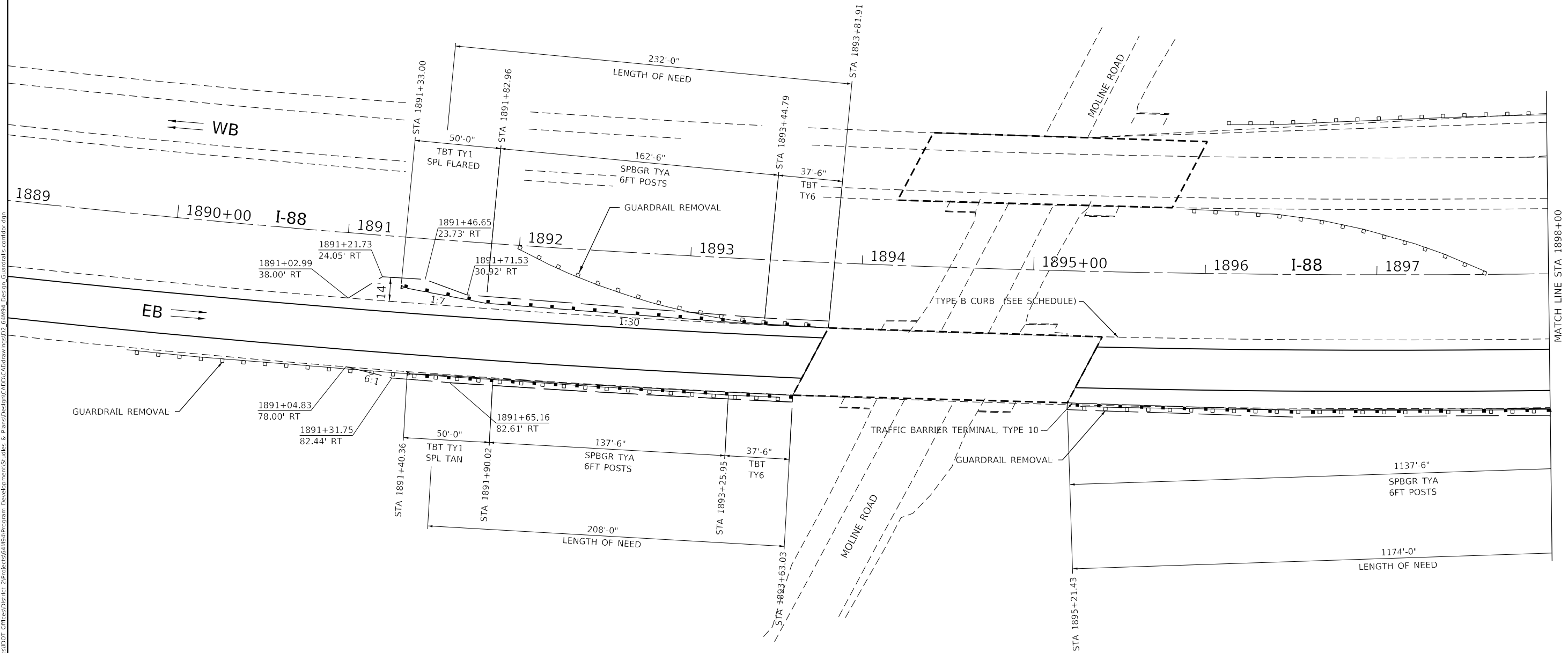
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	25
CONTRACT NO. 64M94			ILLINOIS FED. AID PROJECT	

GUARDRAIL 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.

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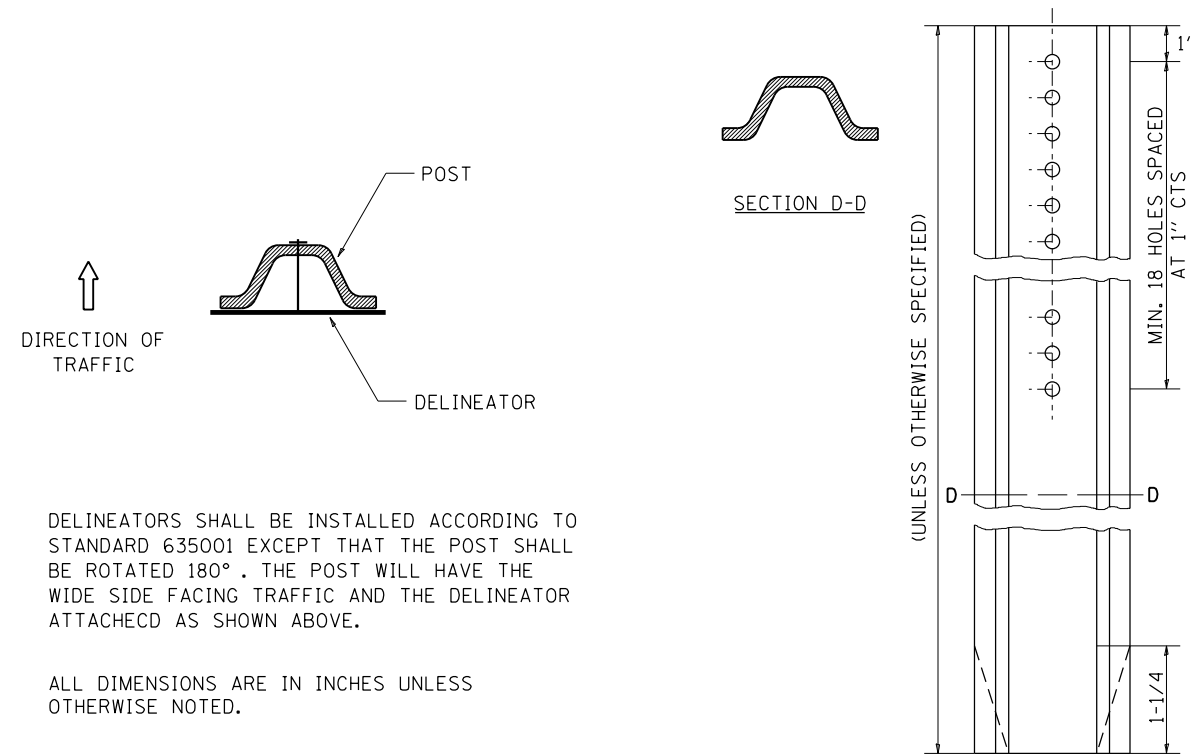
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DRAWN - SKV	REVISOR - _____	REVISOR - _____
PLOT SCALE = 60:0' = 1" / in.	CHECKED - _____	REVISOR - _____
PLOT DATE = Dec-17-2018 11:34:57 AM	DATE - _____	REVISOR - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: _____		SHEET 2 OF 3 SHEETS		STA. _____ TO STA. _____	
		GUARDRAIL DETAILS			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	26
CONTRACT NO. 64M94				
ILLINOIS FED. AID PROJECT				

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.

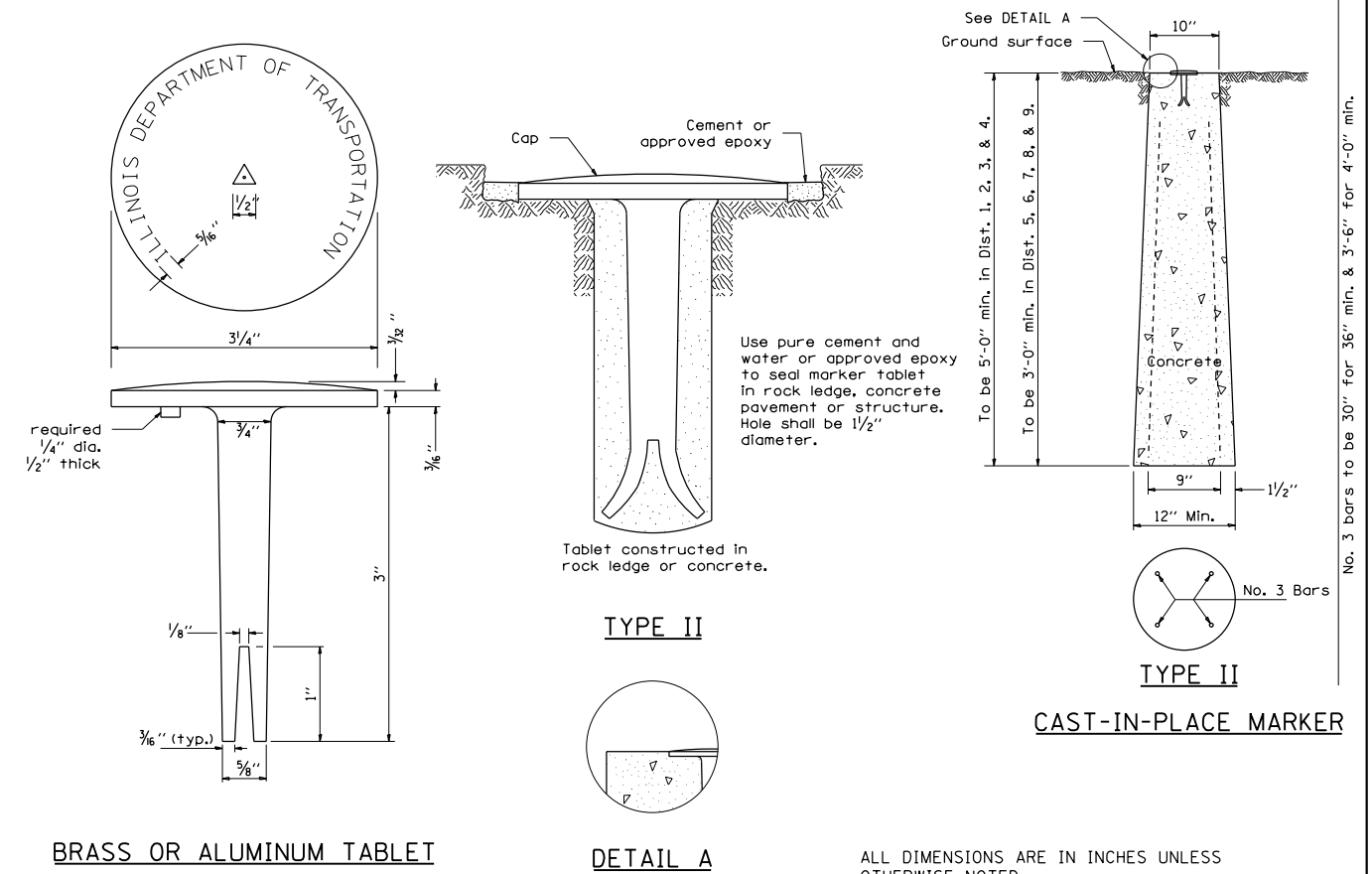
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION

37.4

PERMANENT SURVEY MARKERS, TYPE II

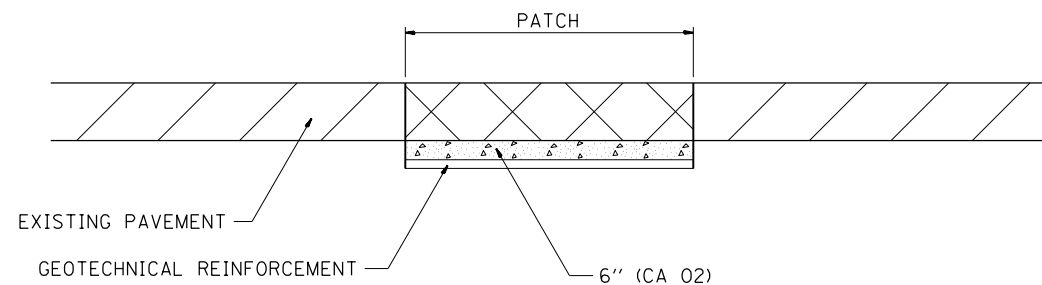


BRASS OR ALUMINUM TABLET

DETAIL A

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

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.

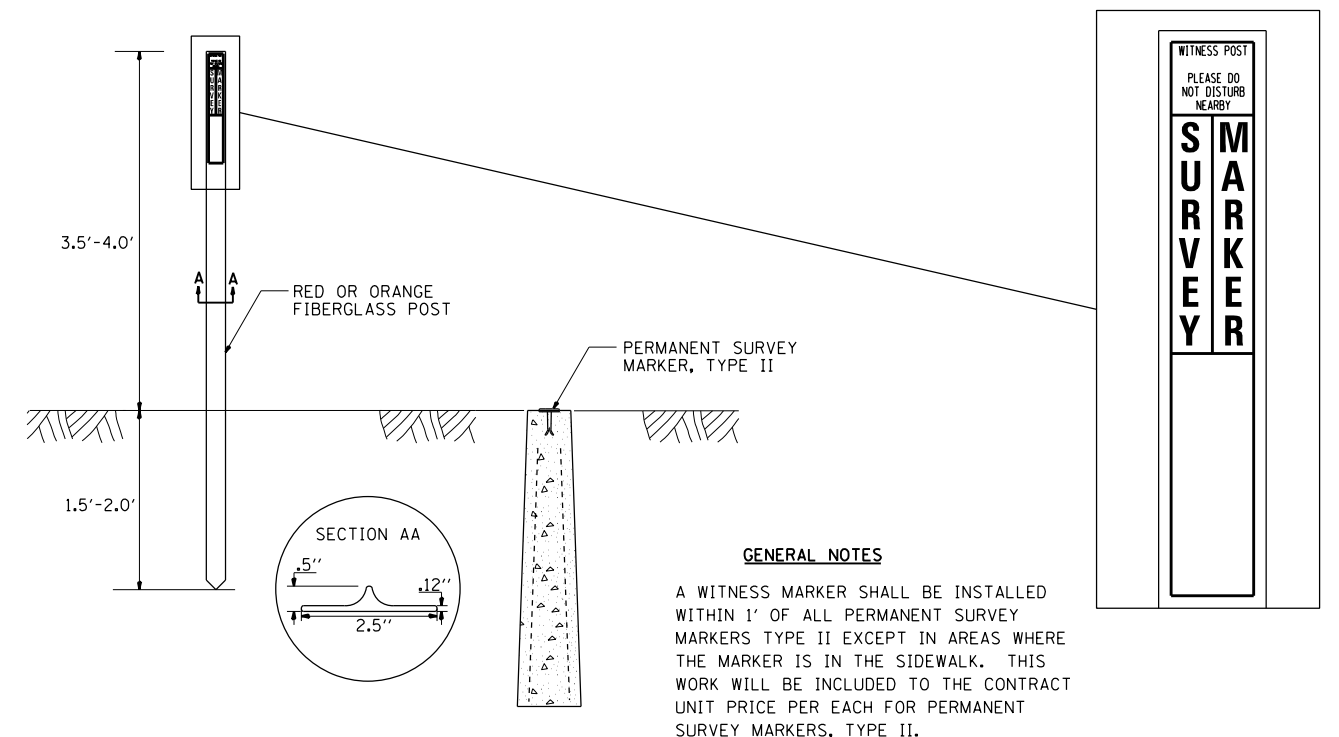
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-13-13

SUBGRADE REPLACEMENT

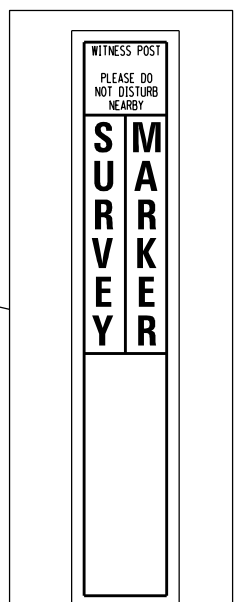
97.4

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH 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			88	(195-2) RS-1	WHITESIDE	36	28
REVISED -			CONTRACT NO. 64M94				
REVISED -	SCALE: 100,000	SHEET NO. 1 OF 1 SHEETS	STA. _____	TO STA. _____	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

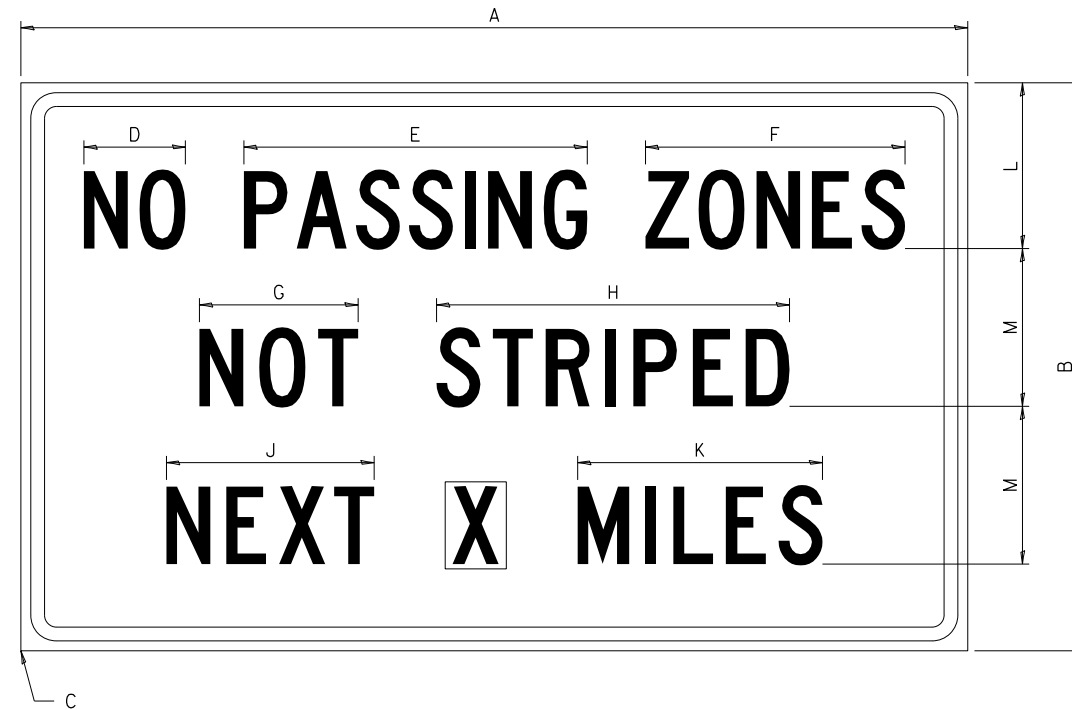
PERMANENT SURVEY MARKERS, TYPE II

66.2

PLOT DATE = Dec-14-2018 07:39:30 PM

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



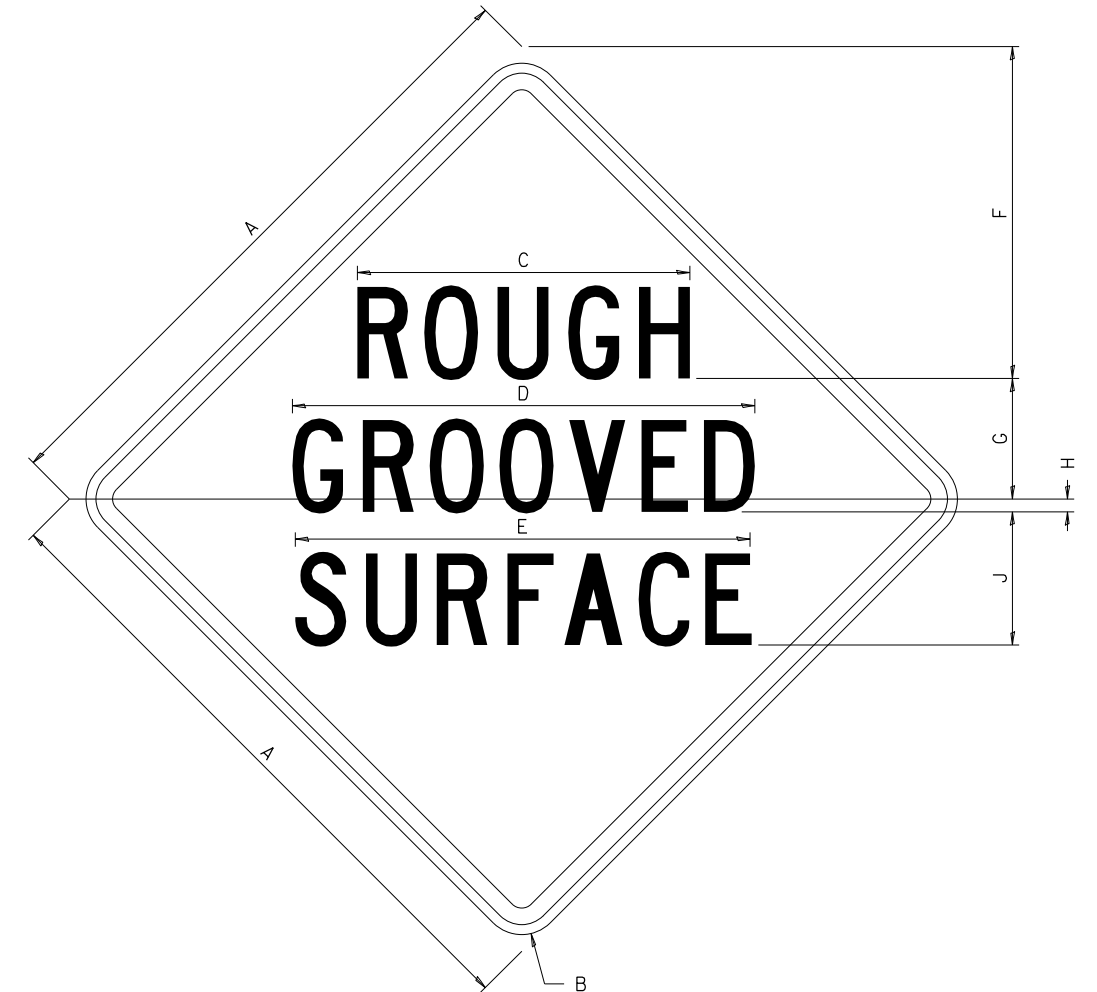
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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 = bartonrw	DESIGNED -	REVISED - 3-02-16
pw:\IL\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\64M94\Drawings\Development\Studies & Plans\Development\CAB\sheet\Q2.64M94-sht-details.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

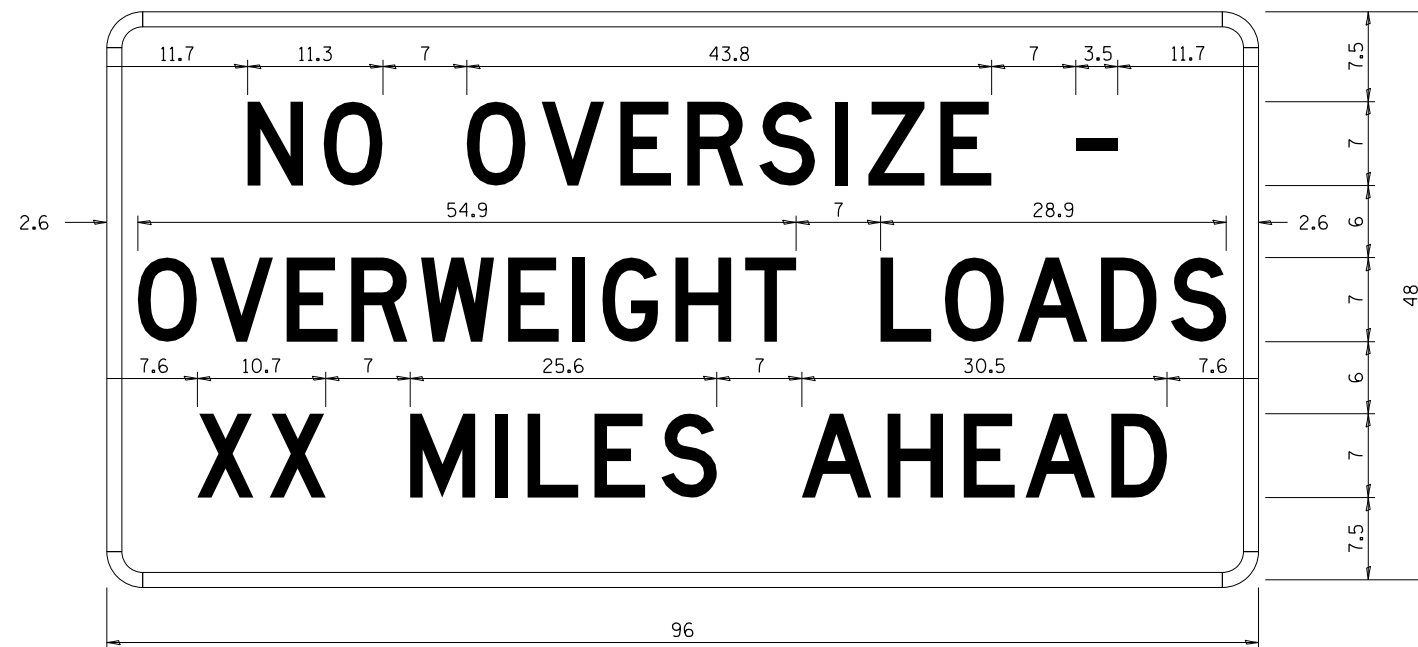
SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	29
CONTRACT NO. 64M94				
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

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.

COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE NON-REFLECTORIZED REFLECTORIZED

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

Sign not to scale

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

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
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PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -
PLOT DATE = Dec-14-2018 07:40:17 PM			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

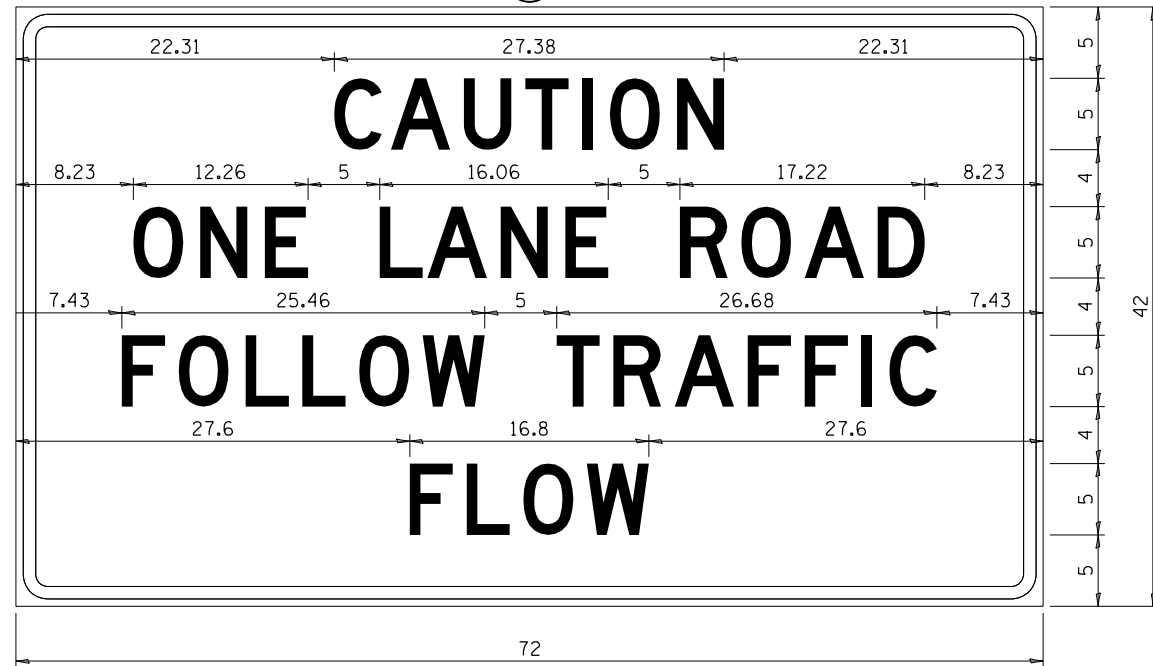
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	31
CONTRACT NO. 64M94				
FED. ROAD DIST. NO. 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	3.36	4.18	3.36	3.04	0.78	3.52	1.17	3.36	22.31						

8.23	O	1.17	N	1.18	E
3.51	3.36	3.04			

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

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

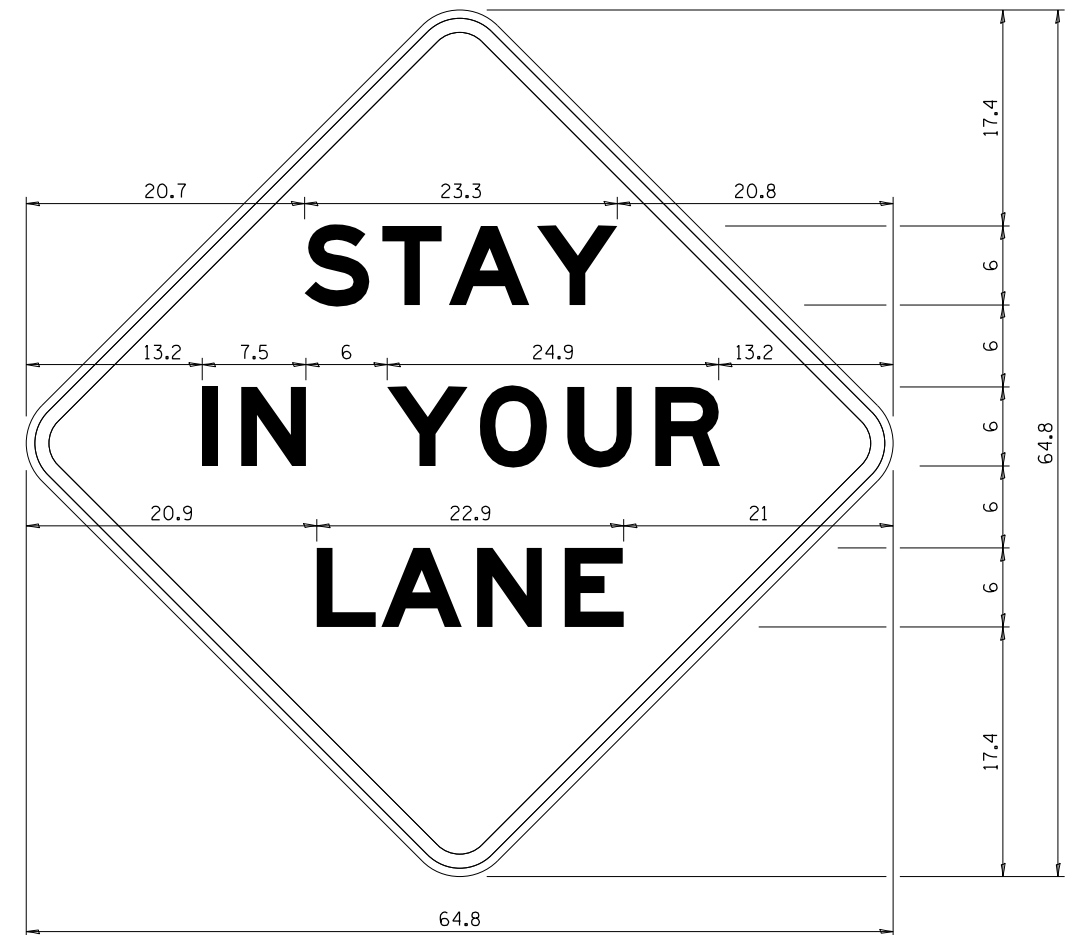
7.43	F	0.94	O	1.17	L	0.94	L	0.94	O	0.94	W
3.04	3.52	3.04	3.05	3.51	4.37						

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

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

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.

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

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = bartonrw	DESIGNED -	REVISED - 3-02-16
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PLOT SCALE = 100.0000' / in.		DATE -	REVISED -
PLOT DATE = Dec-14-2018 07:40:32 PM			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

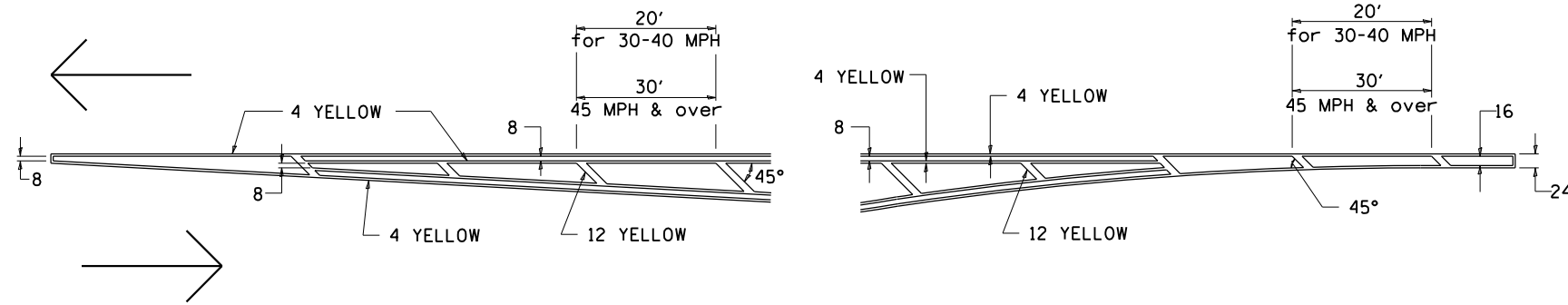
REGION 2 / DISTRICT 2 STANDARD

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

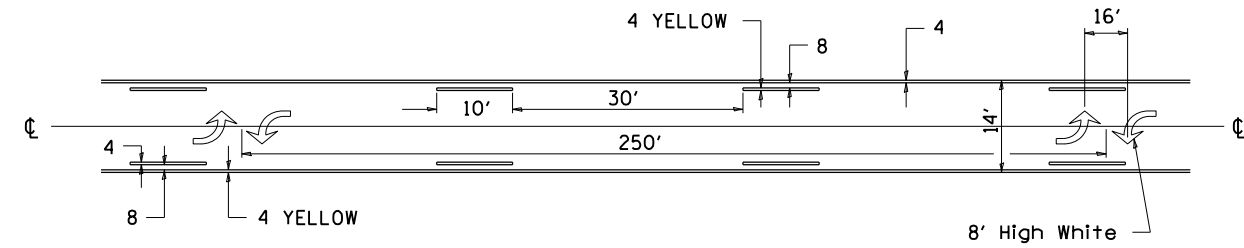
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	32
CONTRACT NO. 64M94				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

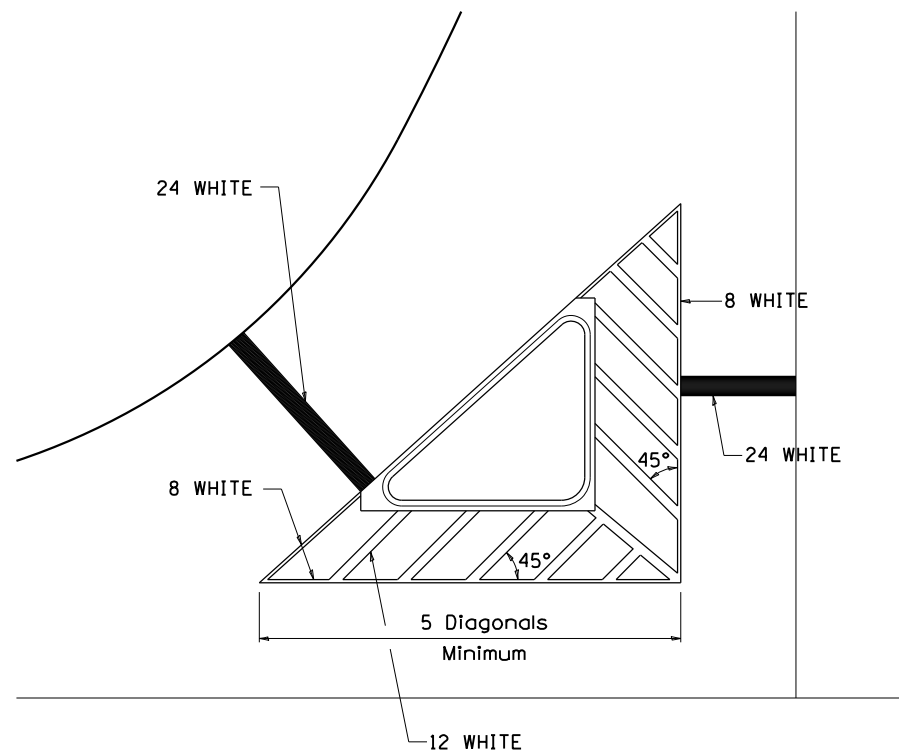


MEDIAN PAVEMENT MARKING



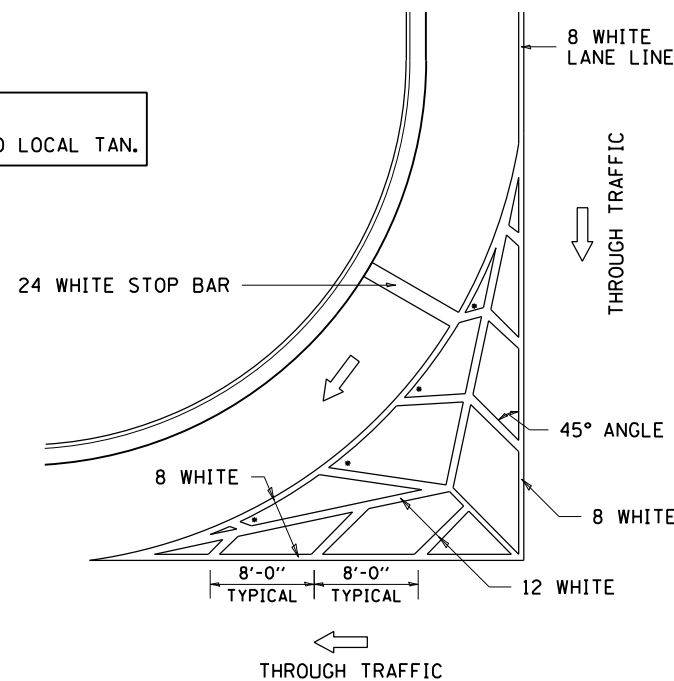
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



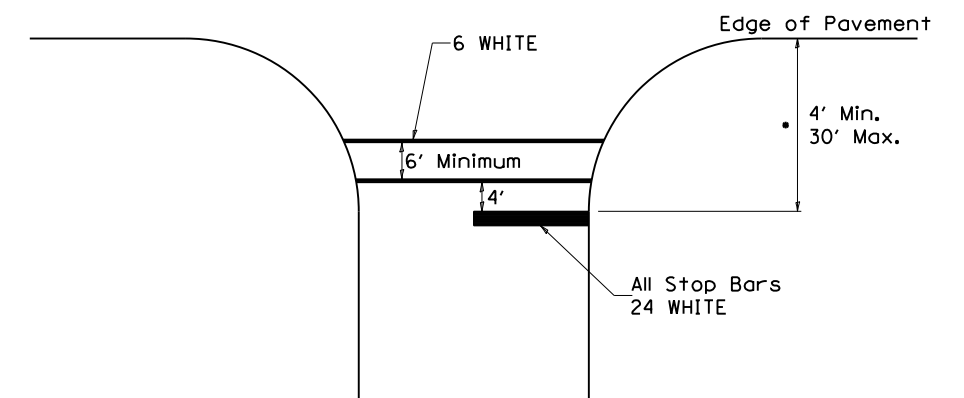
TYPICAL MARKING FOR PAINTED ISLANDS

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
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\64M94\Drawings\Development\Studies & Plans\Development\CABsheet\64M94-sht-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISOR -	REVISED -
PLOT DATE = Dec-14-2018 07:40:48 PM	DATE -	REVISOR -	REVISED -

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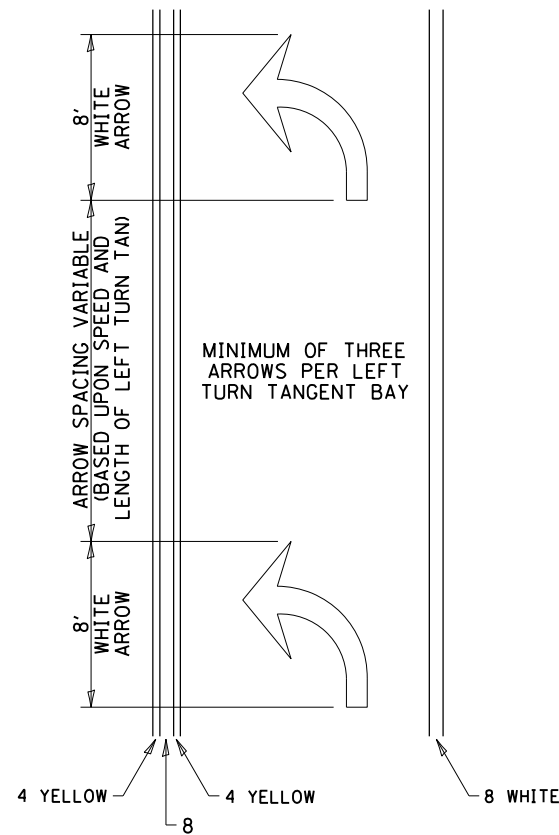
REGION 2 / DISTRICT 2 STANDARD

SCALE: _____ SHEET NO. 1 OF 3 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64M94	(195-2) RS-1	WHITESIDE	36	33
CONTRACT NO. 64M94				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

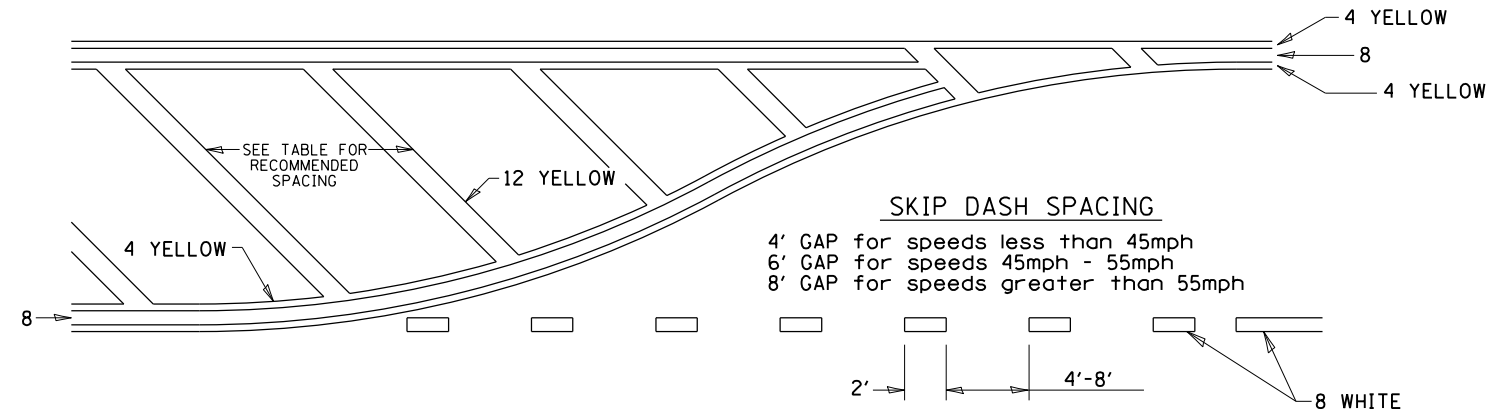
ARROW LAYOUT



- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◇ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

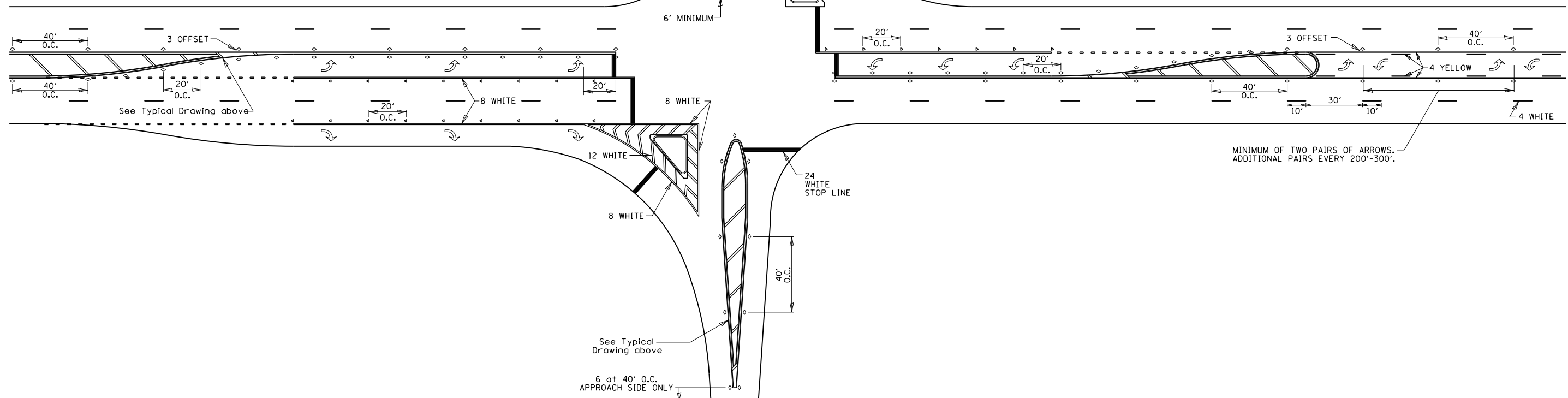
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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.



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PLOT SCALE = 100.0000' / in.	CHECKED -	DATE -	REVISED -
PLOT DATE = Dec-14-2018 07:41:02 PM			

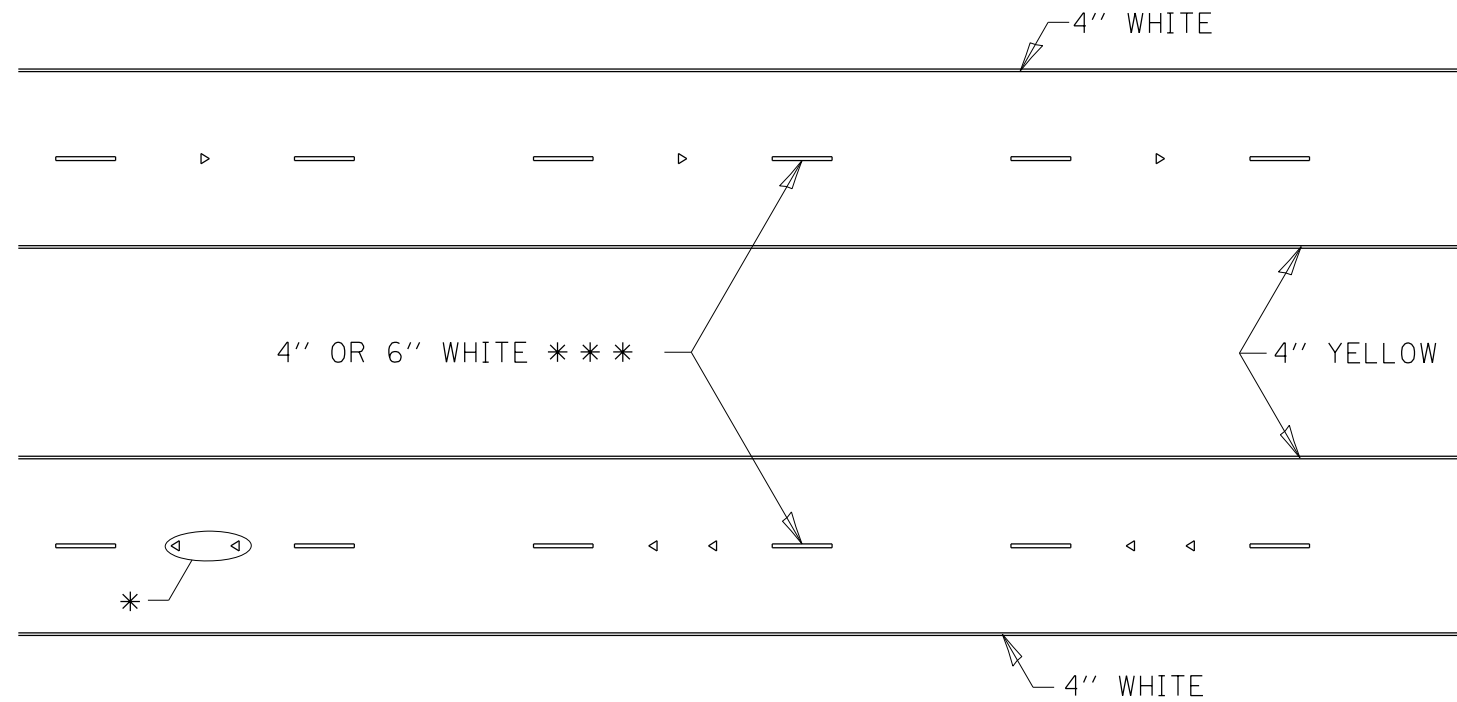
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

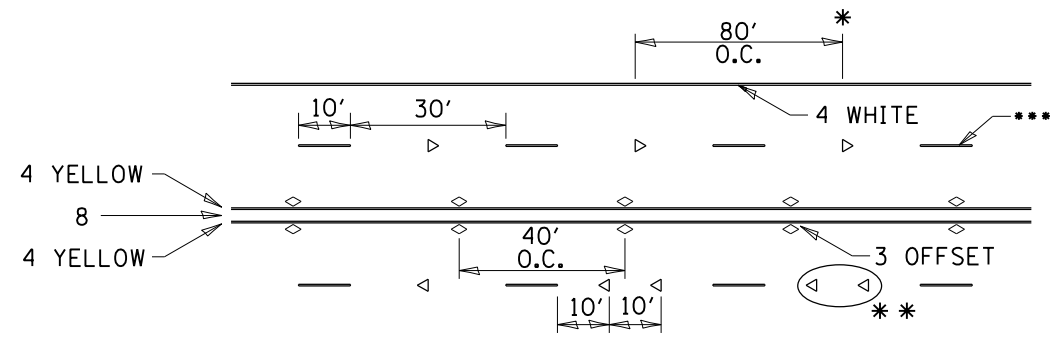
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	34
CONTRACT NO. 64M94				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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.

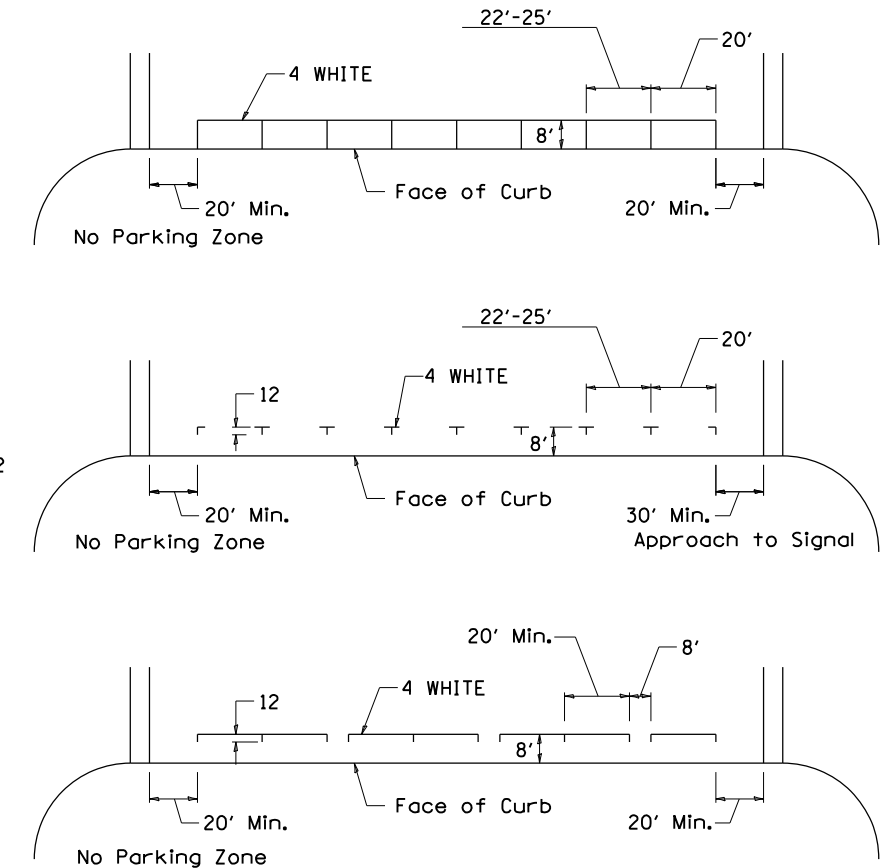
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

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

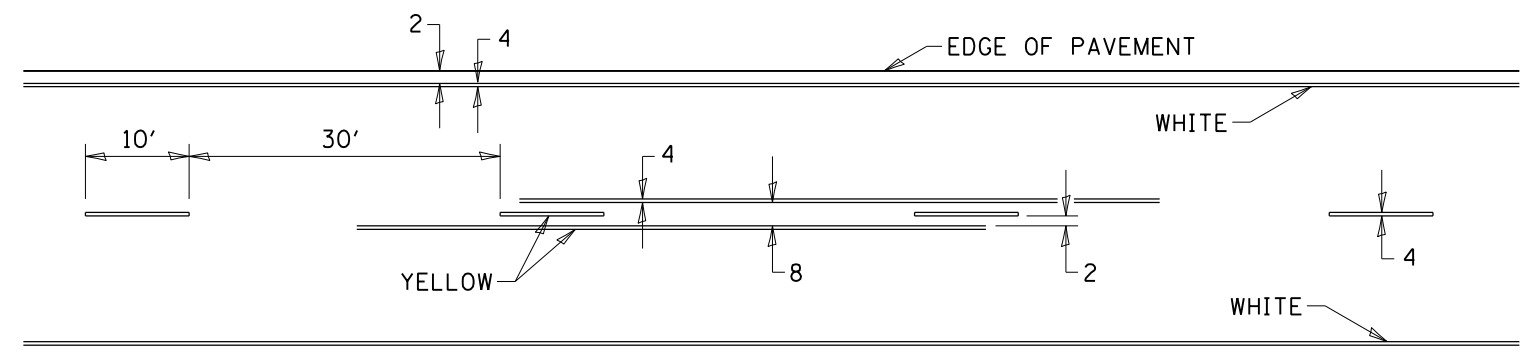
MULTI-LANE / UNDIVIDED & ONE WAY

(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

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

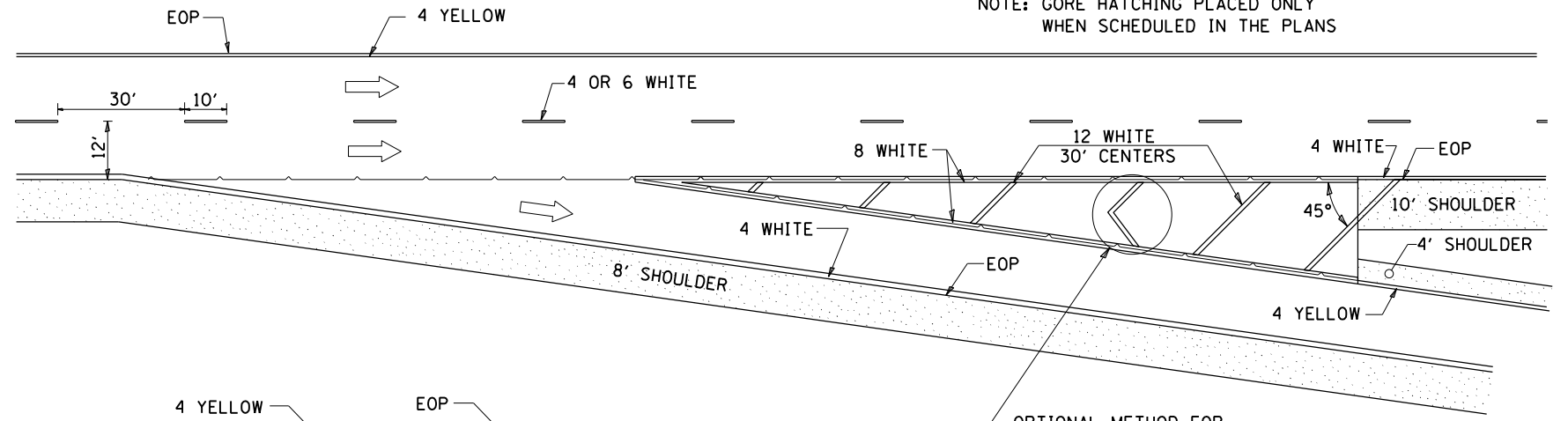
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	35
CONTRACT NO. 64M94				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PAINING DETAILS

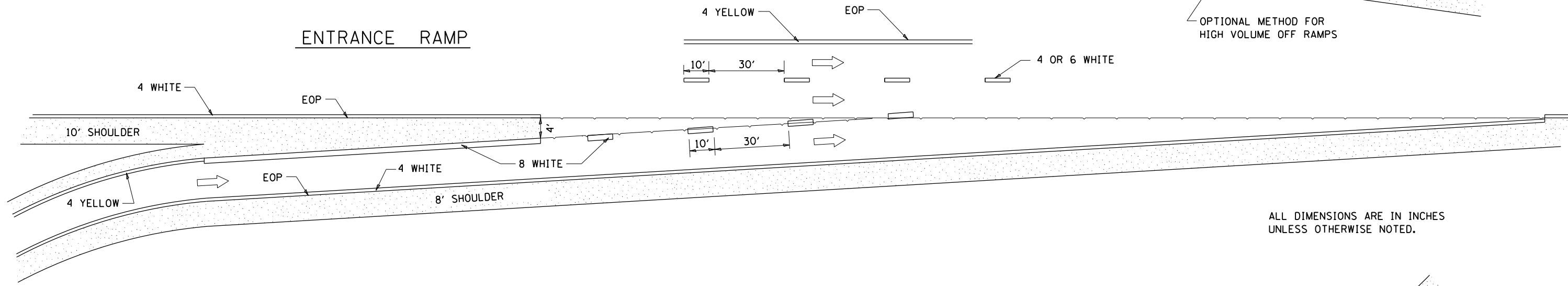
CENTERLINE SKIP DASH PAVEMENT MARKING WIDTH SHALL BE 4" WHEN THE POSTED SPEED LIMIT IS UNDER 40 MPH AND 6" WHEN THE POSTED SPEED LIMIT IS 40 MPH AND OVER.

EXIT RAMP

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

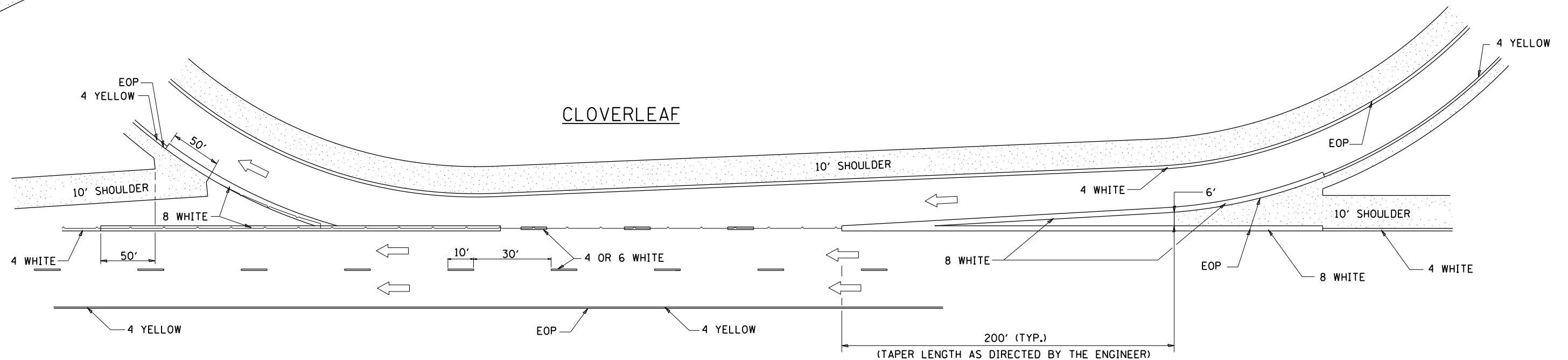


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CLOVERLEAF



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	PLOT DATE = Dec-14-2018 07:41:30 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2) RS-1	WHITESIDE	36	36
CONTRACT NO. 64M94				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				