

046

INDEX OF SHEETS

- 1 COVER SHEET
- 2-3 GENERAL NOTES
- 4-7 SUMMARY OF QUANTITIES
- 8-11 TYPICAL SECTIONS
- 12-16 SCHEDULE OF QUANTITIES
- 17 HMA SCHEDULE
- 18 PATCHING SCHEDULE
- 19-21 HORIZONTAL AND VERTICAL CONTROL SHEETS
- 22-33 PLAN SHEETS
- 34-44 STRIPING DETAILS
- 45-53 ADA RAMP DETAIL SHEETS
- 54 ILLUMINATED SIGN, LED DETAIL
- 55-56 PIPE HANDRAIL, SPECIAL DETAIL

03-08-2019 LETTING ITEM 046

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PROPOSED  
 HIGHWAY PLANS**

FAP ROUTE 301 ( US 20 /IL 84 /DECATUR STREET )  
 SECTION 29RS-7  
 PROJECT NHPP-1PJB(019)  
 HMA RESURFACING AND ADA IMPROVEMENTS  
 FROM POWDER HOUSE HILL RD. TO PARK AVENUE  
 JO DAVIESS COUNTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	1
ILLINOIS			64K59	

D-92-006-15

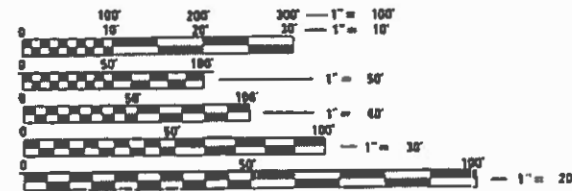


DISTRICT STANDARDS

- 57 PAVEMENT PATCHING DETAIL (DIST. STD. 33-4)
- 58-61 WORK ZONE SIGNS DETAILS (DIST. STD. 34-1)
- 62-64 TYPICAL PAVEMENT MARKINGS (DIST. STD. 41-1)
- 65 DETAILS OF PLANTING AND BRACING TREES (DIST. STD. 92-1)

STATE STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEM
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-04 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-05 DEPRESSED CORNER FOR SIDEWALKS
- 424026-03 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 442201-03 CLASS C AND D PATCHES
- 604001-04 FRAME AND LIDS TYPE 1
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 642006 SHOULDER RUMBLE STRIPS, B IN.
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDEVIDED
- 701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

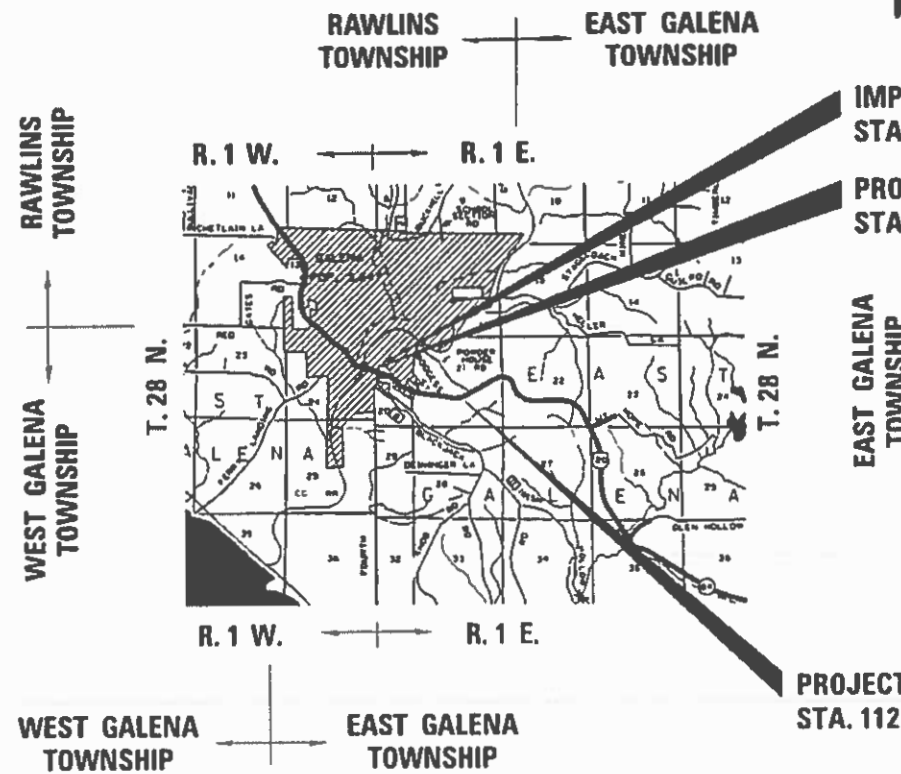


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: MAT DOBIE  
 SENIOR SQUAD LEADER: CHAD SPREEMAN (815-284-5934)  
 STUDIES & PLANS SQUAD ENGINEER: BABAK JAMALI (815-284-5971)  
 CONTRACT NO. 64K59

C-92-065-16



IMPROVEMENT ENDS STA. 1190 + 32

PROJECT ENDS STA. 1186 + 12

PROJECT /IMPROVEMENT BEGINS STA. 1125 + 31

EAST GAENA, SECTION 20 & 21

GROSS LENGTH = 6,501 FT. = 1.23 MILE  
 NET LENGTH = 6,081 FT. = 1.15 MILE

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED 12-7-18  
Manuel  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Feb 1 2019  
[Signature]  
 ENGINEER OF DESIGN AND ENVIRONMENT

Feb 1 2019  
[Signature]  
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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# 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.

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 SODDING.

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.

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

Areas of slag mixture are expected to be milled on this project. RAP containing slag mixture must be stockpiled separately.

The following Mixture Requirements are applicable for this project:

Location(s):			
Mixture Use(s):	Surface	Shoulder Surface	Level Binder
PG:	58 – 28	58 – 28	58 – 28
Design Air Voids:	4.0 @ N70	3.0 @ N50	4.0 @ N70
Mixture Composition (Mixture Gradation):	IL 9.5	IL 9.5 or 9.5 FG	IL 9.5 or 9.5 FG
Friction Aggregate:	F	C	
Mixture Unit Weight:	123/lbs/sy/in	112/lbs/sy/in	N/A
Quality Management Program:	QCP	QC/QA	QC/QA
Sublot Tonnage:	650	N/A	N/A

The Contractor shall place temporary hot-mix asphalt tapers along all sides of the utility structures protruding above the milled surface. The temporary tapers shall extend 2' outside of the castings, except for the approach side to traffic shall have a 4' taper length. Hot-mix asphalt meeting the approval of the Engineer shall be used, no cold millings will be allowed. The cost of the material, placement, maintenance, removal and disposal of said work will be included in the Pay Item for Hot-Mix Asphalt Surface Removal.

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

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

Install rumble strips in all shoulders in accordance with State Standard 642006. Rumble Strips shall be placed on shoulders on both sides of the pavement.

The new manhole lids on this project shall have the word "STORM", "SANITARY", or "WATER" on the lid. The word to be used is noted on the plans. It will be the Contractor's responsibility to determine the word to be used on other lids not noted on the plans. No additional compensation will be allowed for this work.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

Tree planting layout shall be performed by the District Roadside Management Specialist. Mulch shall be placed 4" thick and to the diameter around the tree as shown on District Standard 92.1. The mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree.

Excess trees that cannot be planted along the US 20 / IL 84 project limits shall be planted at alternative locations in Jo Daviess or Stephenson Counties as determined by the District Roadside Management Specialist.

Pavement Marking shall be done according to Standard 780001, except as follows:

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

Work on this project will be in progress at the same time as work on the Gear Street project in Galena. Work on these projects shall be scheduled to keep interference between all the projects to a minimum. The contractors shall inform each other of progress of the projects and give fair warning to the other contractors when a problem might be encountered.

The Contractor shall be responsible for locating and protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

AT&T - 630-573-5465  
 Jo Carroll Energy – 815-858-2207  
 Mediacom – 815-716-0582  
 City of Galena – 815-777-1050

Jo Carroll Energy – 815-273-2222  
 NICOR Gas – 630-388-3046  
 iFiber – 815-753-6075

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

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

Tie the following to the existing concrete pavement		Length, size, and spacing of Tie Bars
Gutter or Curb & Gutter	Std. 606001	24" long No. 6 @ 36" centers
PCC Base Course	Std. 353001	24" long No. 6 @ 36" centers
PCC Pavement	Std. 420101	24" long No. 6 @ 36" centers

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

FILE NAME = 64K59.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -			FAP 301 US 20/IL 84	29RS-7	Jo Daviess		1
	PLOT DATE = 1/15/2019 10:54 AM	CHECKED -	REVISED -					CONTRACT NO. #64K59		
	DATE = 11/28/2018 10:57 AM	REVISED -				SCALE	SHEET NO.	OF SHEETS	STA.	TO STA.

# GENERAL NOTES

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.

It shall be the Contractor's responsibility to contact the municipality to determine approved methods of utility structure adjustment. Utility structures may include, but are not limited to, manholes, water valves, handholes, etc. All materials and work necessary to complete adjustments per municipality requirements shall be considered included in the cost of the associated adjustment pay item.

The colorant used to stain the concrete structure shall be dosed per the manufacturers recommendation to meet the satisfaction of the local public agency. A 2' x 2' test panel shall be submitted to the Resident Engineer for approval of color.

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	PLOT SCALE =	DRAWN -	REVISED -			FAP 301 US 201L 84	29RS-7	Jo Daviess			2
	PLOT DATE = 1/15/2019 10:54 AM	CHECKED -	REVISED -			CONTRACT NO. #64K59					
	DATE - 11/28/2018 10:57 AM	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT			

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP 80% FED 20% State ROADWAY	NHPP 80% FED 20% State ADA	NHPP 80% FED 20% State UTILITIES	100% CITY OF GALENA UTILITIES
				0005-RURAL QUANTITY	0005 QUANTITY	0005 QUANTITY	0043-RURAL QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	48	0	48	0	0
25200100	SODDING	SQ YD	364	0	364	0	0
25200200	SUPPLEMENTAL WATERING	UNIT	5	0	5	0	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50	0	50	0	0
28000500	INLET AND PIPE PROTECTION	EACH	6	6	0	0	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	11,248	11,248	0	0	0
40600535	LEVELING BINDER (HAND METHOD), N70	TON	10	10	0	0	0
40600990	TEMPORARY RAMP	SQ YD	177	177	0	0	0
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	187	187	0	0	0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	377	377	0	0	0
40603390	HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N70	TON	2,510	2,510	0	0	0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	154	154	0	0	0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,158.5	0	2,158.5	0	0
* 42400800	DETECTABLE WARNINGS	SQ FT	148	0	148	0	0

\* SPECIALITY ITEM

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						301	29RS-7	JO DAVIESS	65	4
						<b>CONTRACT NO. 64K59</b>		ILLINOIS FED. AID PROJECT		
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	NHPP	NHPP	100% CITY
				80% FED 20% State ROADWAY 0005-RURAL QUANTITY	80% FED 20% State ADA 0005 QUANTITY	80% FED 20% State UTILITIES 0005 QUANTITY	OF GALENA UTILITIES 0043-RURAL QUANTITY
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	24,794	24,794	0	0	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	451	0	451	0	0
44000600	SIDEWALK REMOVAL	SQ FT	1,845.5	0	1,845.5	0	0
44002232	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 8"	SQ YD	418	418	0	0	0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	96	96	0	0	0
60255500	MANHOLES TO BE ADJUSTED	EACH	3	0	0	0	3
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	0	0	0	1
60260100	INLETS TO BE ADJUSTED	EACH	1	0	0	1	0
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	0	0	0	2
60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	0	0	0	1
60266600	VALVE BOXES TO BE ADJUSTED	EACH	9	1	0	0	8
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	451	0	451	0	0
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	3,648	3,648	0	0	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	0	0	0

\* SPECIALITY ITEM

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p:\11\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\2018\2018-12-06\2018-12-06.dgn						301	29RS-7	JO DAVIESS	65	5
PLOT SCALE = 1/8" = 100.0000' / 1 in.	CHECKED -	REVISOR -	REVISOR -			CONTRACT NO. 64K59		ILLINOIS FED. AID PROJECT		
Default	PLOT DATE = 12/6/2018	DATE -	REVISOR -	SCALE:	SHEET OF SHEETS	STA.	TO STA.			

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	NHPP	NHPP	100% CITY
				80% FED	80% FED	80% FED	OF GALENA
				20% State ROADWAY	20% State ADA	20% State UTILITIES	UTILITIES
				0005-RURAL QUANTITY	0005 QUANTITY	0005 QUANTITY	0043-RURAL QUANTITY
67100100	MOBILIZATION	L SUM	1	1	0	0	0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	0	0	0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	0	0	0
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	0	0	0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	0	0	0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	0	0	0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5	0	0	0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	34,740	34,740	0	0	0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,035	1,035	0	0	0
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	11	0	11	0	0
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	406	406	0	0	0
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	27,538	27,538	0	0	0
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	629	629	0	0	0
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	329	329	0	0	0

\* SPECIALITY ITEM

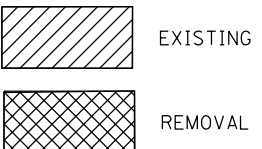
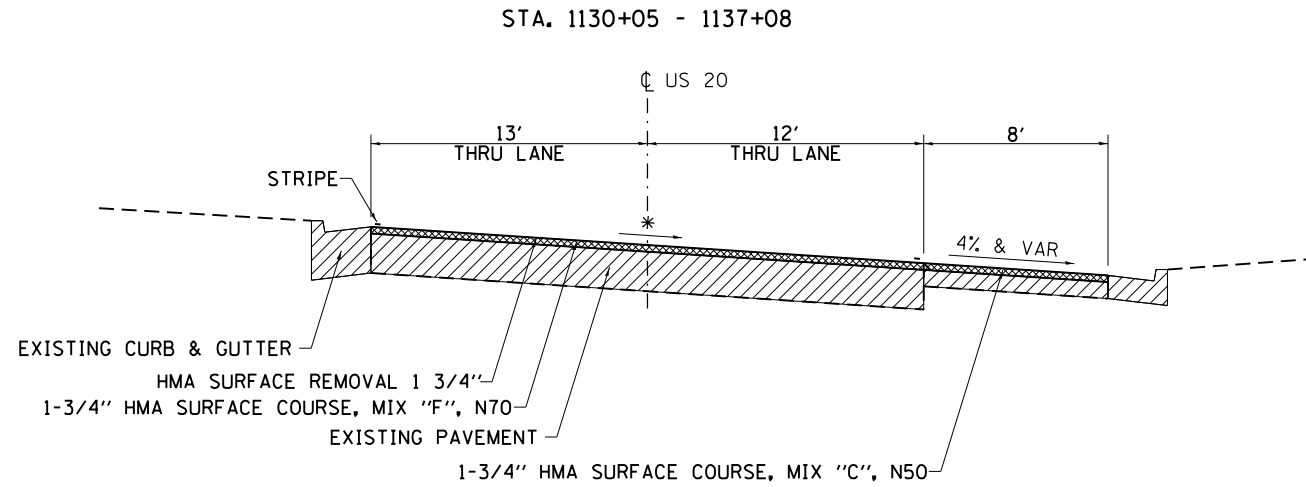
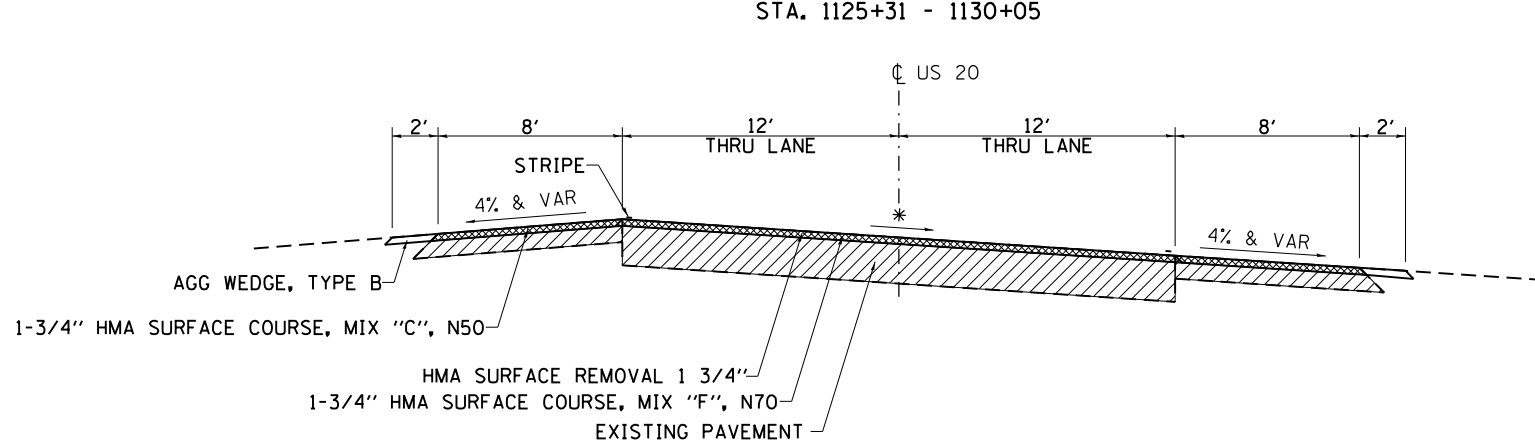
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP	NHPP	NHPP	100% CITY
				80% FED 20% State ROADWAY 0005-RURAL QUANTITY	80% FED 20% State ADA 0005 QUANTITY	80% FED 20% State UTILITIES 0005 QUANTITY	OF GALENA UTILITIES 0043-RURAL QUANTITY
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	167	167	0	0	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	234	234	0	0	0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	75	75	0	0	0
* 89100400	ILLUMINATED SIGN, LED	EACH	1	0	1	0	0
* A2000114	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE) 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	2	0	2	0	0
Z0007126	HANDRAIL REMOVAL	FOOT	182.5	0	182.5	0	0
Z0007430	TEMPORARY SIDEWALK	SQ FT	622	0	622	0	0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	0	0	0
Z0025505	PROPERTY MARKERS	EACH	10	10	0	0	0
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	8,859	8,859	0	0	0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	202	202	0	0	0
X5030290	STAINING CONCRETE STRUCTURES	SQ FT	2750	0	2750	0	0
X5091765	PIPE HANDRAIL, SPECIAL	FOOT	182.5	0	182.5	0	0
* X7240505	RELOCATE SIGN PANEL AND POST	EACH	8	0	8	0	0

\* SPECIALITY ITEM

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Documents\IDOT Offices\District 2\Projects\2018\2018-12-06\2018-12-06-15-shit-cover.dgn					301	29RS-7	JO DAVIESS	65	7
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -							
	PLOT DATE = 12/6/2018	DATE -	REVISED -							
					SCALE:		SHEET	OF	SHEETS	STA. TO STA.
										ILLINOIS FED. AID PROJECT

# TYPICAL SECTIONS



\* MATCH EXISTING CROSS SLOPE, MIN 1/8" PER FT.  
112 LBS/SQ YD/IN (MIX C)  
123 LBS/SQ YD/IN (MIX F)

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -
p:\11L084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2018\DRIVING DATA SHEETS\2018-15-typical.dwg	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 12/6/2018	DATE -	REVISED -

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

**TYPICAL SECTIONS**

SCALE:      SHEET    OF    SHEETS    STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	8
			CONTRACT NO. 64K59	
ILLINOIS FED. AID PROJECT				









# SCHEDULE OF QUANTITIES

**20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)**

UNIT	LOCATION	
24	1185+90.84	39.79' RT
24	1185+45.26	29.61' RT
<b>TOTAL</b>	<b>48</b>	

**25200100 SODDING**

THIS ITEM WILL BE USED BEHIND CURB RAMPS AND IN DISTURBED AREAS AS NEEDED. AREAS BETWEEN SIDEWALK AND NEW C&G WERE ALSO INCLUDED

SQ YD	LOCATION
47.9	SE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
100.4	NE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
20.4	NW QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
33.9	NE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
35.2	NW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
36.3	SE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
32.0	SW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
28.3	NW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
29.4	SW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
<b>TOTAL</b>	<b>363.80</b>

**25200200 SUPPLEMENTAL WATERING**

UNIT	LOCATION
5.0	SEE SODDING SCHEDULE
<b>TOTAL</b>	<b>5.0</b>

**28000250 TEMPORARY EROSION CONTROL SEEDING**

POUND	LOCATION
50	SEE SODDING SCHEDULE
<b>TOTAL</b>	<b>50.0</b>

**28000500 INLET AND PIPE PROTECTION**

EACH	LOCATION
3	PARK AVE
3	3RD STREET
<b>TOTAL</b>	<b>6.0</b>

**40600535 LEVELING BINDER (HAND METHOD), N70**

TON	LOCATION
10.0	AS NEEDED & DIRECTED BY THE ENGINEER
<b>TOTAL</b>	<b>10.0</b>

**42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5''**

\* EXISTING CONCRETE STRUCTURE TO BE COLORED

SQ FT	LOCATION
224.5	* NE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
287.4	* NW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
194.8	SE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
153.5	* SW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
239.1	* NW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
163.6	SW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
171.8	SE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
546.3	* NE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
177.3	* NW QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20

**TOTAL 2158.3**

**42400800 DETECTABLE WARNINGS**

SQ FT	LOCATION
22.7	NE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
17.9	NW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
20.1	SE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
17.3	SW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
12.8	NW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
22.2	SW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
10.0	SE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
15.1	NE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
10.0	NW QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20

**TOTAL 148.2**

**44000500 CONCRETE CURB AND GUTTER REMOVAL**

\* EXISTING CONCRETE STRUCTURE TO BE COLORED

FOOT	LOCATION
42.0	* NE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
60.5	* NW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
38.0	* SE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
37.5	* SW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
59.0	* NW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
50.5	* SW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
34.5	* SE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
97.5	* NE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
31.5	* NW QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20

**TOTAL 451.0**

# SCHEDULE OF QUANTITIES

## 44000600 SIDEWALK REMOVAL

<u>SQ FT</u>	<u>LOCATION</u>
198.9	NE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
219.7	NW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
118.9	SE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
117.0	SW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
237.8	NW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
155.4	SW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
118.4	SE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
518.7	NE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
160.6	NW QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20

TOTAL 1845.3

## 60255500 MANHOLES TO BE ADJUSTED

<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
1	1182+11.49 TO 13.12' RT	SANITARY
1	1185+83.97 TO 3.61' RT	SANITARY
1	1185+83.61 TO 13.04' RT	SANITARY

TOTAL 3.0

## 60255800 MANHOLES TO BE ADJUSTED WITH NEW TYPE IFRAME, CLOSED LID

<u>EACH</u>	<u>LOCATION</u>
1	AS DIRECTED BY THE ENGINEER

TOTAL 1.0

## 60260100 INLETS TO BE ADJUSTED

<u>EACH</u>	<u>LOCATION</u>
1	1185+87.91 34.90' LT

TOTAL 1.0

## 60265700 VALVE VAULTS TO BE ADJUSTED

<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
1	1185+73.05 5.88 RT	JUPITER DR.
1	1185+83.10 6.32 LT	BOGCESS ST

TOTAL 2.0

## 60265900 VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE IFRAME, CLOSED LID

<u>EACH</u>	<u>LOCATION</u>
1	AS DIRECTED BY THE ENGINEER

TOTAL 1.0

## 60266600 VALVE BOXES TO BE ADJUSTED

<u>EACH</u>	<u>LOCATION</u>	<u>REMARKS</u>
1	1142+48.05	36.85' RT JUPITER DR.
1	1157+48.60	23.35' RT BOGCESS ST
1	1157+72.88	23.34' RT BOGCESS ST
1	1157+77.62	40.63' RT BOGCESS ST
1	1163+46.23	20.00' RT
1	1182+29.51	27.41' RT 4TH ST.
1	1185+67.98	16.65' RT 3RD ST.
1	1185+68.89	36.90' LT 3RD ST.
1	1185+76.7	18.34' RT 3RD ST.

TOTAL 9.0

## 64200108 SHOULDER RUMBLE STRIPS, 8 INCH

<u>FOOT</u>	<u>LOCATION</u>
474	1125 + 31 TO 1130 + 05 LT
3,174	1125 + 31 TO 1157 + 05 RT

TOTAL 3648.0

## 60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

<u>FOOT</u>	<u>LOCATION</u>
451.0	SEE CONCRETE CURB AND GUTTER REMOVAL FOR SCHEDULE

TOTAL 451.0

# SCHEDULE OF QUANTITIES

70300100 SHORT TERM PAVEMENT MARKING

FIRST APPLICATION, MILLED SURFACE - PAINT

FOOT	LOCATION	REMARKS
401	1125+31 RT TO 1142+00 RT	DIAGONAL 12" (3X4") ON SHOULDER / 100'
114	1125+31 LT TO 1130+05 LT	DIAGONAL 12" (3X4") ON SHOULDER / 100'
30,551	1125+31 TO 1186+12	SEE THERMOPLASTIC PAVEMENT MARKING - LINE 4", 8", 12", 24" SCHEDULE
334	1143+17 RT TO 1157+08 RT	DIAGONAL 12" (3X4") ON SHOULDER / 100'

SUB-TOTAL 31399.2

SECOND APPLICATION

FOOT	LOCATION	REMARKS
134	1125+31 RT TO 1142+00 RT	DIAGONAL 2 STRIP/LINE (EVERY 100'),
38	1125+31 LT TO 1130+05 LT	DIAGONAL 2 STRIP/LINE (EVERY 100'),
247	1125+31 TO 1150+00	CENTERLINE (EVERY 40')
111	1143+17 RT TO 1157+08 RT	DIAGONAL 2 STRIP/LINE (EVERY 100'),
360	1150+00 TO 1155+45	FLUSH MEDIAN (EVERY 20')
96	1154+45 TO 1155+45	TURN LANE LINE (EVERY 10'), 7 STRIP/ARROW
132	1156+00 TO 1157+43	FLUSH MEDIAN (EVERY 20')
96	1156+30 TO 1157+28	TURN LANE LINE (EVERY 10'), 7 STRIP/ARROW
28	1157+83 RT TO 1158+17 RT	STOP BAR AT BOGGESS ST, EVERY 5'
898	1158+17 TO 1165+70	BI-DIRECTIONAL (EVERY 10'), 7 STRIP/ARROW
76	1158+17 TO 1158+67	TURN LANE LINE (EVERY 10'), 7 STRIP/ARROW
142	1164+20 TO 1165+66	TURN LANE LINE (EVERY 10'), 7 STRIP/ARROW
34	1166+04 RT TO 1166+49 RT	STOP BAR AT BOUTHILIER ST, EVERY 5'
83	1166+04 RT TO 1166+97 RT	BOUTHILIER ST FLUSH MEDIAN (EVERY 20')
236	1166+29 TO 1170+20	FLUSH MEDIAN (EVERY 20')
132	1166+29 TO 1167+49	TURN LANE LINE (EVERY 10'), 7 STRIP/ARROW
159	1170+20 TO 1186+12	CENTERLINE (EVERY 40')
103	1175+90 TO 1177+05	TURN LANE LINE (EVERY 10'), 7 STRIP/ARROW

SUB-TOTAL 3,106

TOTAL 34505.6

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

SQ FT	LOCATION	REMARKS
TOTAL 1035	1125+31 TO 1186+12	SEE SECOND APPLICATION SCHEDULE ABOVE FOR LOCATIONS

72400320 REMOVE SIGN PANEL - TYPE 2

SQ FT	LOCATION
10.67	1143+90.5 22.3' LT
TOTAL 10.7	

78009000 MODIFIED URETHANE PAVEMENT MARKING - LETTERS & SYMBOLS

SQ FT	LOCATION	REMARK (SEE STRIPING PLANS)
31.2	1154+45 TO 1155+45	LT TURN ARROW 2@15.6
31.2	1156+30 TO 1157+28	RT TURN ARROW 2@15.6
31.2	1158+17 TO 1158+67	LT TURN ARROW 2@15.6
187.2	1159+17 TO 1165+69	LT & RT TURN ARROWS 12@15.6
46.8	1164+20 TO 1165+66	RT TURN ARROW 3@15.6
46.8	1166+29 TO 1167+49	LT TURN ARROW 3@15.6
31.2	1175+90 TO 1177+05	RT TURN ARROW 2@15.6
TOTAL 405.6		

# SCHEDULE OF QUANTITIES

## 78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4"

FOOT	LOCATION	REMARK (SEE STRIPING PLANS)			
<u>MAINLINE CENTER LINE</u>					
3,338.0	I125+31 TO I142+00	NO PASSING			
1,296.0	I143+17 TO I149+65	NO PASSING			
200.0	I158+17 TO I159+17	NO PASSING			
3,794.0	I170+19 TO I189+16	NO PASSING			
170.0	I189+47 TO I190+32	NO PASSING			

### MAINLINE FLUSH MEDIAN & BI-DIRECTIONAL

1,764.0	I149+65 TO I155+45	FLUSH MEDIAN			
555.0	I156+07 TO I157+43	FLUSH MEDIAN			
1,643.0	I159+17 TO I165+69	BI-DIRECTIONAL			
1,433.0	I166+29 TO I170+19	FLUSH MEDIAN			

### MAINLINE EDGE OF PAVEMENT

1,669.0	I125+31 TO I142+00	RT (WHITE)			
2,997.0	I125+31 TO I155+28	LT (WHITE)			
1,390.0	I143+16 TO I157+06	RT (WHITE)			
2,549.0	I156+30 TO I181+79	LT (WHITE)			
689.0	I158+43 TO I165+32	RT (WHITE)			
1,033.0	I166+62 TO I176+95	RT (WHITE)			
401.0	I177+73 TO I181+74	RT (WHITE)			
284.0	I182+50 TO I185+34	LT (WHITE)			
289.0	I182+45 TO I185+34	RT (WHITE)			
283.0	I186+04 TO I188+87	LT (WHITE)			
284.0	I186+03 TO I188+87	RT (WHITE)			
65.0	I189+67 TO I190+32	LT (WHITE)			
65.0	I189+67 TO I190+32	RT (WHITE)			

### SIDE ROADS

137	I142+62 RT	JUPITER-EOP (BOTH SIDES)			
188	I157+82 RT	BOGGESS-EOP (BOTH SIDES)			
333	I166+00 RT	SEE DETAIL	BOUTHILLIER-FLUSH MEDIAN		
193	I166+00 RT	BOUTHILLIER-EOP (BOTH SIDES TO JOINT)			
38	I181+74 TO I182+05	4TH ST-EOP LT (WHITE) ALONG CURVE			
42	I182+29 TO I182+45	4TH ST-EOP LT (WHITE) ALONG CURVE			
42	I181+74 TO I182+00	4TH ST-EOP RT (WHITE) ALONG CURVE			
42	I182+21 TO I182+45	4TH ST-EOP RT (WHITE) ALONG CURVE			
38	I185+34 TO I185+55	3RD ST-EOP RT (WHITE) ALONG CURVE			
38	I185+81 TO I186+03	3RD ST-EOP RT (WHITE) ALONG CURVE			
39	I185+34 TO I185+55	3RD ST-EOP LT (WHITE) ALONG CURVE			
41	I185+82 TO I186+03	3RD ST-EOP LT (WHITE) ALONG CURVE			
47	I188+87 TO I189+17	PARK AVE-EOP RT (WHITE) ALONG CURVE			
48	I189+51 TO I189+67	PARK AVE-EOP RT (WHITE) ALONG CURVE			
97	I188+87 TO I189+13	PARK AVE-EOP LT (WHITE) ALONG CURVE			
40	I189+43 TO I189+67	PARK AVE-EOP LT (WHITE) ALONG CURVE			

TOTAL 27304.0

## 78009008 MODIFIED URETHANE PAVEMENT MARKING-LINE 8"

FOOT	LOCATION	REMARK (SEE STRIPING PLANS)			
100	I154+45 TO I155+45	LT TURN (WHITE)			
98	I156+30 TO I157+28	RT TURN (WHITE)			
50	I158+17 TO I158+67	LT TURN (WHITE)			
146	I164+20 TO I165+66	RT TURN (WHITE)			
120	I166+29 TO I167+49	LT TURN (WHITE)			
115	I175+90 TO I177+05	RT TURN (WHITE)			

TOTAL 629.0

## 78009012 MODIFIED URETHANE PAVEMENT MARKING - LINE 12"

SO FT	LOCATION	REMARK (SEE STRIPING PLANS)			
153	I149+65 TO I155+45	FLUSH MEDIAN DIAGONAL (YELLOW)			
82	I156+07 TO I157+43	FLUSH MEDIAN DIAGONAL (YELLOW)			
68	I166+29 TO I170+19	FLUSH MEDIAN DIAGONAL (YELLOW)			
26	I166+00 RT - BOUTHILLIER ST	FLUSH MEDIAN DIAGONAL (YELLOW)			

TOTAL 329.0

## 78009024 MODIFIED URETHANE PAVEMENT MARKING- LINE 24"

FOOT	LOCATION	REMARKS (SEE STRIPING PLANS)			
34	I157+83 TO I158+16	BOGGESS-STOP BAR (WHITE)			
42	I166+06 TO I166+49	BOUTHILLIER-STOP BAR (WHITE)			
18	I182+00 LT TO I182+18 LT	S 4TH ST-STOP BAR (WHITE)			
18	I189+10 LT TO I189+28 LT	S PARK AVE-STOP BAR (WHITE)			
55	I189+30 RT TO I189+86 RT	N PARK AVE-STOP BAR (WHITE)			

TOTAL 167.0

## 78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION	REMARKS (SEE STRIPING PLANS)			
<u>Two-Way Amber</u>					
33	I124+86 TO I149+45	Center Line - 1 @ 80' O.C.			
16	I149+45 TO I155+45	Striped Median LT - 1 @ 40' O.C.			
31	I149+45 TO I155+45	Striped Median and Left Turn Lane - 1 @ 20' O.C.			
10	I156+10 TO I157+41	Striped Median - 2 @ 40' O.C.			
6	I158+17 TO I159+00	Left Turn in Median - 1 @ 20' O.C.			
3	I158+17 TO I159+00	Turn Lane in Median - 40' O.C.			
34	I159+00 TO I165+69	Striped Median - 2 @ 40' O.C.			
8	I166+05 TO I166+96	Bouthiller St			
23	I166+29 TO I170+20	Striped Median LT - 1 @ 20' O.C.			
13	I166+29 TO I170+20	Striped Median RT - 1 @ 40' O.C.			
6	I170+20 TO I172+30	Outside Median LT - 1 @ 40' O.C.			
3	I170+20 TO I172+30	Outside Median RT - 1 @ 80' O.C.			
18	I172+30 TO I186+00	Center Line - 1 @ 80' O.C.			
<u>One-Way Amber</u>					
6	I154+45 TO I155+44	WB Left turn Lane - 1 @ 20' O.C.			
6	I156+30 TO I157+28	EB Right turn Lane - 1 @ 20' O.C.			
3	I158+17 TO I158+67	EB Left turn Lane - 1 @ 20' O.C.			
8	I164+20 TO I165+66	WB Right turn Lane - 1 @ 20' O.C.			
7	I166+29 TO I167+49	EB Left turn Lane - 1 @ 20' O.C.			

TOTAL 234.0





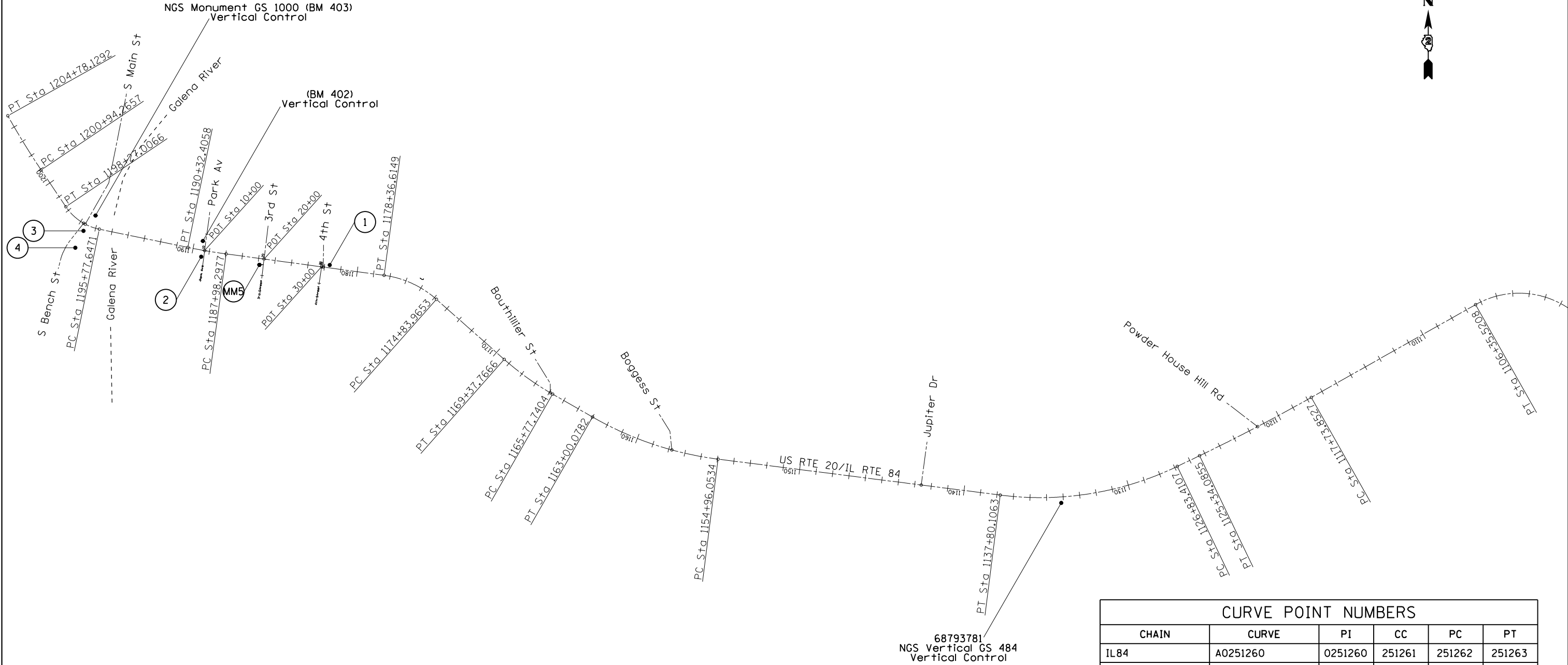
# HOT-MIX ASPHALT SCHEDULE

Location	Length (Feet)	Proposed Surface Area					40600290	40600990	40603310	40603390	40800050	44000156	48102100
		Pavement		Shoulder			Bituminous Materials (Tack Coat) {1 Application for Mainline and Shoulder}	Temporary Ramp	Hot-Mix Asphalt Surface Course, Mix "C", N50	Hot-Mix Asphalt Surface Course, Mix "F", N70	Incidental Hot-Mix Asphalt Surfacing	Hot Mix Asphalt Surface Removal 1 3/4"	Aggregate Wedge Shoulder, Type B
		Width (FT)	SQ YD	LT	RT	SQ YD							
STA 1125+31 - 1130+05	474.0	24	1,264.0	8	8	842.7	948.0	20.0	94.4	155.5	-	2,106.7	24.0
STA 1125+31 - 1130+05	474.0	0.5 (Trim)	26.3	-	-	-	11.9			3.2			
STA 1125+31 - 1157+00	3,169.0	0.5 (Trim)	176.1	-	-	-	79.2			21.7			
STA 1130+05 - 1149+64	1,959.0	25	5,441.7	-	8	1741.3	3,232.4	-	195.0	669.3	-	7,183.0	49.6
STA 1149+64 - 1153+32	368.0	36 & var	1,250.9	-	8	327.1	710.1	-	36.6	153.9	-	1,578.0	9.3
STA 1153+32 - 1158+46	514.0	48 & var	2,347.7	-	8	456.9	1,262.1	-	51.2	288.8	-	2,804.6	13.0
STA 1158+46 - 1170+89	1,243.0	48 & var	5,171.9	-	-		2,327.4	-	-	636.1	-	5,171.9	-
STA 1170+89 - 1173+18	229.0	26	661.6	-	-		297.7	-	-	81.4	-	661.6	-
STA 1173+18 - 1179+90	672.0	38 & var	2,268.7	-	-		1,020.9	-	-	279.1	-	2,268.7	-
STA 1179+90 - 1186+12	622.0	26	1,796.9	-	-		808.6	12.8	-	221.0	-	1,796.9	-
3rd street - STA 19+59.34 - 19+86.74	27.4	70 & var	113.7	-	-		51.2	12.6	-	-	14.3	113.7	-
3rd street - STA 20+13.12 - 20+44.20	31.1	71 & var	125.7	-	-		56.6	12.9	-	-	15.8	125.7	-
4th street - STA 29+59.99 - 29+86.94	27.0	72 & var	100.7	-	-		45.3	11.9	-	-	12.7	100.7	-
4th street - STA 30+13.05 - 30+41.66	28.6	72 & var	106.2	-	-		47.8	10.2	-	-	13.4	106.2	-
Bouthillier - STA 40+50.08 - 41+36.39	86.3	123 & var	309.1	-	-		139.1	12.6	-	-	38.9	309.1	-
Bogges - STA 10+15.4 - 10+82.8 (3 Temp Ramps)	67.4	146 & var	284.7	-	-		128.1	73.9	-	-	35.9	284.7	-
Jupitar - STA 1142+62 RT	37.8	117 & var	182.5	-	-		82.1	9.6	-	-	23.0	182.5	-
<b>TOTAL</b>							<b>11,248</b>	<b>176.5</b>	<b>377</b>	<b>2,510</b>	<b>154</b>	<b>24,794</b>	<b>96</b>

# PATCHING SCHEDULE

STATION	LENGTH OF PATCH		LENGTH OF PATCH		44002232				40601005			
	HOT-MIX ASPHALT REMOVAL OVER PATCHES				HMA REPLACEMENT OVER PATCHES - 8"							
US 20/IL84	LT LANE (feet)	RT LANE (feet)	MEDIAN (feet)	TURN LANE (feet)	LT LANE ( yd <sup>2</sup> )	RT LANE ( yd <sup>2</sup> )	MEDIAN ( yd <sup>2</sup> )	TURN LANE ( yd <sup>2</sup> )	LT LANE ( tons )	RT LANE ( tons )	MEDIAN ( tons )	TURN LANE ( tons )
1126 + 28	6	6	-	-	8.0	8.0	-	-	3.6	3.6	-	-
1139 + 68	6	6	-	-	8.7	8.0	-	-	3.9	3.6	-	-
1141 + 29	6	6	-	-	8.0	8.0	-	-	3.6	3.6	-	-
1145 + 90	6	6	-	-	8.0	8.0	-	-	3.6	3.6	-	-
1148 + 93	10	-	-	-	13.3	0.0	-	-	6.0	0.0	-	-
1149 + 52	6	6	-	-	8.0	8.0	-	-	3.6	3.6	-	-
1154 + 51	-	8	-	8	0.0	10.7	-	10.7	0.0	4.8	-	4.8
1156 + 22	-	20	-	-	0.0	26.7	-	-	0.0	11.9	-	-
1156 + 22	-	-	6	6	0.0	0.0	8.0	8.0	0.0	0.0	3.6	3.6
1156 + 72	-	-	6	6	0.0	-	8.0	8.0	0.0	0.0	3.6	3.6
1165 + 94	-	6	-	6	0.0	8.0	-	8.0	0.0	3.6	-	3.6
1171 + 34	20	6	-	-	28.9	8.7	-	-	12.9	3.9	-	-
1174 + 84	-	6	-	-	-	8.7	-	-	0.0	3.9	-	-
1175 + 94	6	6	-	-	8.7	8.7	-	-	3.9	3.9	-	-
1180 + 64	6	6	-	-	8.7	8.7	-	-	3.9	3.9	-	-
1182 + 34	-	30	-	-	0.0	43.3	-	-	0.0	19.4	-	-
1184 + 84	30	30	-	-	43.3	43.3	-	-	19.4	19.4	-	-
1185 + 76	6	6	-	-	8.7	8.7	-	-	3.9	3.9	-	-
LANE TOTAL					152.2	215.3	16.0	34.7	68.2	96.5	7.2	15.5
TOTAL					418				187			

# HORIZONTAL & VERTICAL CONTROL



FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -
p:\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2018\2018\Drawings\AD\Sheets\200615HVC-shs.dgn		REVISOR -	REVISOR -
Default	PLOT SCALE = 600.0000' / in.	CHECKED -	REVISOR -
	PLOT DATE = 12/6/2018	DATE -	REVISOR -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>US RTE 20/IL RTE 84 HORIZONTAL &amp; VERTICAL CONTROL</b>			
SCALE: 1" = 100'	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JODAVIESS	65	19
CONTRACT NO. 64K59				
ILLINOIS FED. AID PROJECT				

# HORIZONTAL & VERTICAL CONTROL

Chain IL84 contains:  
 A0251260 CUR A0251270 CUR A0251280 CUR 230 CUR 220 CUR 210 CUR 200  
 CUR A088200 CUR A088210

Beginning chain IL84 description  
 =====

Point A0251260 N 2,092,098.3900 E 2,233,945.4070 Sta 1103+33.0869

Course from PI A0251260 to PC A0251270 240° 33' 23.6503" Dist 1,722.3737'

Curve Data  
 \*-----\*

**Curve A0251270**

P.I. Station 1121+54.1086 N 2,091,064.8130 E 2,232,114.3500  
 Delta = 3° 48' 04.1849" (RT)  
 Degree = 0° 29' 59.9994"  
 Tangent = 380.2559'  
 Length = 760.2328'  
 Radius = 11,459.1600'  
 External = 6.3074'  
 Long Chord = 760.0934'  
 Mid. Ord. = 6.3039'  
 P.C. Station 1117+73.8527 N 2,091,251.7331 E 2,232,445.4926  
 P.T. Station 1125+34.0855 N 2,090,900.2569 E 2,231,771.5442  
 C.C. N 2,101,230.8446 E 2,226,812.5821

Course from PT A0251270 to PC A0251280 244° 21' 27.8353" Dist 149.3252'

Curve Data  
 \*-----\*

**Curve A0251280**

P.I. Station 1132+47.3362 N 2,090,591.5970 E 2,231,128.5390  
 Delta = 32° 53' 48.8210" (RT)  
 Degree = 2° 59' 58.6957"  
 Tangent = 563.9255'  
 Length = 1,096.6956'  
 Radius = 1,910.0900'  
 External = 81.5063'  
 Long Chord = 1,081.6936'  
 Mid. Ord. = 78.1706'  
 P.C. Station 1126+83.4107 N 2,090,835.6363 E 2,231,636.9255  
 P.T. Station 1137+80.1063 N 2,090,662.8090 E 2,230,569.1279  
 C.C. N 2,092,557.6083 E 2,230,810.3323

Course from PT A0251280 to PC 230 277° 15' 16.6562" Dist 1,715.9471'

Curve Data  
 \*-----\*

**Curve 230**

P.I. Station 1159+03.3461 N 2,090,930.9297 E 2,228,462.8851  
 Delta = 22° 34' 10.9216" (RT)  
 Degree = 2° 48' 25.5249"  
 Tangent = 407.2927'  
 Length = 804.0248'  
 Radius = 2,041.1093'  
 External = 40.2399'  
 Long Chord = 798.8365'  
 Mid. Ord. = 39.4619'  
 P.C. Station 1154+96.0534 N 2,090,879.4972 E 2,228,866.9173  
 P.T. Station 1163+00.0782 N 2,091,133.4936 E 2,228,109.5366  
 C.C. N 2,092,904.2669 E 2,229,124.6667

Course from PT 230 to PC 220 299° 49' 27.5778" Dist 277.6622'

Curve Data  
 \*-----\*

**Curve 220**

P.I. Station 1167+58.3829 N 2,091,361.4280 E 2,227,711.9323  
 Delta = 11° 42' 42.9991" (RT)  
 Degree = 3° 15' 11.0911"  
 Tangent = 180.6426'  
 Length = 360.0262'  
 Radius = 1,761.2774'  
 External = 9.2394'  
 Long Chord = 359.3997'  
 Mid. Ord. = 9.1912'  
 P.C. Station 1165+77.7404 N 2,091,271.5868 E 2,227,868.6496  
 P.T. Station 1169+37.7666 N 2,091,481.2110 E 2,227,576.7149  
 C.C. N 2,092,799.5907 E 2,228,744.6074

Course from PT 220 to PC 210 311° 32' 10.5769" Dist 546.1987'

Curve Data  
 \*-----\*

**Curve 210**

P.I. Station 1176+65.5960 N 2,091,963.8304 E 2,227,031.9083  
 Delta = 33° 49' 28.1548" (LT)  
 Degree = 9° 35' 29.5024"  
 Tangent = 181.6307'  
 Length = 352.6496'  
 Radius = 597.3582'  
 External = 27.0027'  
 Long Chord = 347.5509'  
 Mid. Ord. = 25.8349'  
 P.C. Station 1174+83.9653 N 2,091,843.3921 E 2,227,167.8654  
 P.T. Station 1178+36.6149 N 2,091,988.2034 E 2,226,851.9203  
 C.C. N 2,091,396.2479 E 2,226,771.7608

Course from PT 210 to PC 200 277° 42' 42.4222" Dist 961.6828'

Curve Data  
 \*-----\*

**Curve 200**

P.I. Station 1189+15.3972 N 2,092,132.9652 E 2,225,782.8949  
 Delta = 3° 54' 23.9878" (RT)  
 Degree = 1° 40' 07.4763"  
 Tangent = 117.0994'  
 Length = 234.1081'  
 Radius = 3,433.4685'  
 External = 1.9963'  
 Long Chord = 234.0627'  
 Mid. Ord. = 1.9951'  
 P.C. Station 1187+98.2977 N 2,092,117.2516 E 2,225,898.9352  
 P.T. Station 1190+32.4058 N 2,092,156.5482 E 2,225,668.1948  
 C.C. N 2,095,519.6665 E 2,226,359.6724

Course from PT 200 to PC A088200 281° 37' 06.4100" Dist 545.2413'

Curve Data  
 \*-----\*

**Curve A088200**

P.I. Station 1197+08.9872 N 2,092,292.8072 E 2,225,005.4763  
 Delta = 44° 28' 09.4573" (RT)  
 Degree = 17° 50' 00.2633"  
 Tangent = 131.3400'  
 Length = 249.3595'  
 Radius = 321.2834'  
 External = 25.8091'  
 Long Chord = 243.1477'  
 Mid. Ord. = 23.8900'  
 P.C. Station 1195+77.6471 N 2,092,266.3562 E 2,225,134.1253  
 P.T. Station 1198+27.0066 N 2,092,401.8053 E 2,224,932.1988  
 C.C. N 2,092,581.0566 E 2,225,198.8296

Course from PT A088200 to PC A088210 326° 05' 15.8672" Dist 267.2591'

Curve Data  
 \*-----\*

**Curve A088210**

P.I. Station 1202+86.3005 N 2,092,782.9700 E 2,224,675.9483  
 Delta = 4° 35' 48.3427" (RT)  
 Degree = 1° 11' 50.9966"  
 Tangent = 192.0348'  
 Length = 383.8635'  
 Radius = 4,784.6200'  
 External = 3.8522'  
 Long Chord = 383.7606'  
 Mid. Ord. = 3.8491'  
 P.C. Station 1200+94.2657 N 2,092,623.6018 E 2,224,783.0888  
 P.T. Station 1204+78.1292 N 2,092,950.4122 E 2,224,581.9246  
 C.C. N 2,095,293.0498 E 2,228,753.8112

=====

Ending chain IL84 description

Chain 4THST\_N contains:  
 1013 1012

Beginning chain 4THST\_N description  
 =====

Point 1013 N 2,092,037.8588 E 2,226,485.2287 Sta 30+00.0000

Course from 1013 to 1012 0° 38' 10.5742" Dist 95.0000'

Point 1012 N 2,092,132.8530 E 2,226,486.2836 Sta 30+95.0000

=====

Ending chain 4THST\_N description

Chain 4THST\_S contains:  
 1008 1010

Beginning chain 4THST\_S description  
 =====

Point 1008 N 2,091,920.5591 E 2,226,457.2591 Sta 28+80.0000

Course from 1008 to 1010 8° 22' 17.6408" Dist 120.0000'

Point 1010 N 2,092,039.2805 E 2,226,474.7302 Sta 30+00.0000

=====

Ending chain 4THST\_S description

Chain 3RDST contains:  
 1005 1007 1006

Beginning chain 3RDST description  
 =====

Point 1005 N 2,091,970.4385 E 2,226,113.7797 Sta 18+83.3353

Course from 1005 to 1007 6° 59' 07.7460" Dist 116.6647'

Point 1007 N 2,092,086.2372 E 2,226,127.9682 Sta 20+00.0000

Course from 1007 to 1006 6° 59' 07.7460" Dist 89.8206'

Point 1006 N 2,092,175.3910 E 2,226,138.8920 Sta 20+89.8205

=====

Ending chain 3RDST description

Chain PARKAV contains:  
 1002 1004 1003

Beginning chain PARKAV description  
 =====

Point 1002 N 2,092,058.2814 E 2,225,758.8627 Sta 9+20.2694

Course from 1002 to 1004 7° 41' 00.8163" Dist 79.7306'

Point 1004 N 2,092,137.2961 E 2,225,769.5228 Sta 10+00.0000

Course from 1004 to 1003 7° 41' 00.8163" Dist 102.8230'

Point 1003 N 2,092,239.1959 E 2,225,783.2705 Sta 11+02.8230

=====

Ending chain PARKAV description

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US RTE 201L RTE 84 HORIZONTAL &amp; VERTICAL CONTROL</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2201\DRAWING\DATA\EA0\Sheets\0200615HVC-shd.dgn		REVISION	REVISION		301	29RS-7	JODAVIESS	65	20	CONTRACT NO. 64K59		
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	PLOT DATE = 12/6/2018	DATE -	REVISION									

# HORIZONTAL & VERTICAL CONTROL

## HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	2092050.0454	2226524.2093	659.6490	IL84	1181+69.6605	17.3072' RT	PIN W/ IDOT YELLOW CAP E-LEVEL GPS CONTROL POINT
2	2092100.2933	2225748.6063	633.9610	IL84	1189+43.3421	40.0765' LT	PIN W/ IDOT YELLOW CAP E-LEVEL GPS CONTROL POINT
3	2092256.4633	2225038.2765	615.0200	IL84	1196+60.0759	40.8466' LT	"X" E-LEVEL GPS CONTROL POINT
4	2092154.3462	2224989.1676	610.0780	IL84	1196+59.2272	154.1532' RT	R.R. SPIKE W/ PUNCH E-LEVEL GPS CONTROL POINT
MM5	2092050.8352	2226099.5137	640.9030	IL84	1185+90.6210	38.9001' LT	MISSMAN 5/8" E-LEVEL TRAVERSE STATION
65722984	2107922.1400	2215746.2100	883.1200	IL84	OffChain	OffChain	JOD20-1B GPS BASE HELD FOR HORIZONTAL DISTRICT NETWORK MONUMENT
65722985	2108441.2200	2213068.1300	845.7500	IL84	OffChain	OffChain	JOD20-1A CHECK SHOT FOR RTK DISTRICT NETWORK MONUMENT
68793781	2090615.3717	2230937.0700	861.1900	IL84	1134+13.7926	36.2772' LT	NGS VERTICAL (GS 484) VERTICAL CONTROL STATION

## SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	2,091,916.8663	2,227,118.0658	706.6058	IL84	1175+66.3839	27.9183' RT	SURVEY POINT, NAIL
MM100	2,092,099.4118	2,225,881.3458	637.1984	IL84	1188+13.2468	20.0715' LT	MISSMAN NAIL TRAVERSE STATION
MM101	2,092,113.9214	2,226,149.6361	642.2103	IL84	1185+49.4174	30.3415' RT	MISSMAN NAIL TRAVERSE STATION
MM102	2,092,013.4244	2,226,519.1224	660.1403	IL84	1181+69.7872	19.6652' LT	MISSMAN NAIL TRAVERSE STATION
MM103	2,092,090.3608	2,226,252.4195	643.0166	IL84	1184+44.4021	20.7865' RT	MISSMAN NAIL TRAVERSE STATION

## BENCH MARKS

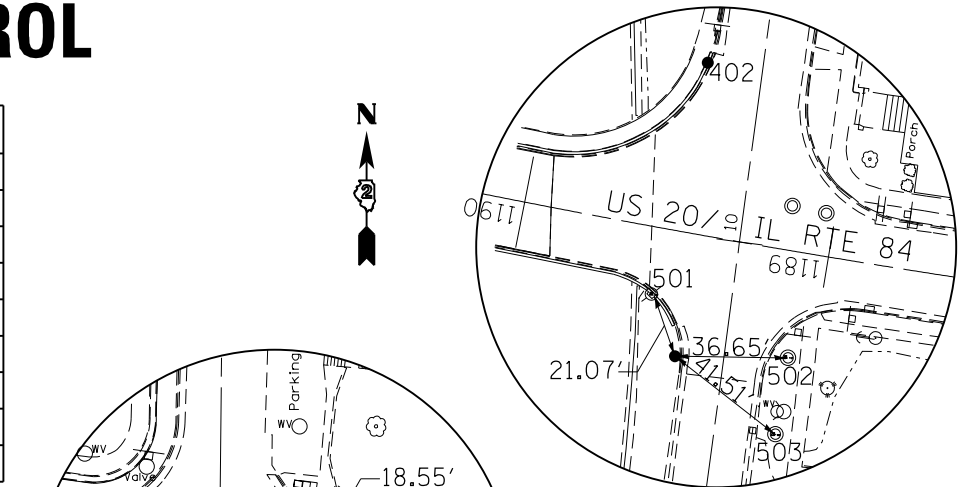
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
402	2,092,195.2994	2,225,759.2510	637.7290	IL84	1189+49.6789	55.3148' RT	SS PLUG E-LEVEL VERTICAL CONTROL STATION
403	2,092,349.0023	2,225,111.2695	615.2900	IL84	1196+28.4189	73.2593' RT	NGS VERTICAL (GS 1000)SS PLUG HELD FOR LEVELS VERTICAL CONTROL STATION
486	2,108,460.2096	2,212,971.0574	844.2181	IL84	Off Chain	Off Chain	BRASS DISK IN CONCRETE (GPS ELEVATION) GPS CONTROL POINT
MM401	2,092,011.2516	2,226,495.9866	658.8020	IL84	1181+92.4222	24.9230' LT	MISSMAN SURVEY MARKER NAIL IN P.P. E-LEVEL PP
MM405	2,092,113.8256	2,226,154.8476	643.2660	IL84	1185+44.2402	30.9459' RT	MISSMAN NE BOLT ON TOP FLANGE OF FIRE HYDRANT E-LEVEL FIRE HYDRANT

## REFERENCE TIES

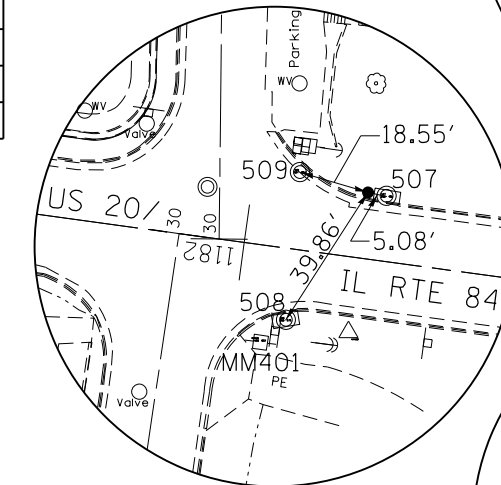
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	IL84	Off Chain	Off Chain	END OF GUARDRAIL STEEL PLATE BEAM GUARDRAIL
501	IL84	1189+53.4934	21.6686' LT	LIGHT POLE
502	IL84	1189+07.5216	34.4390' LT	TOP MANHOLE GRATE
503	IL84	1189+07.2759	59.6717' LT	TOP MANHOLE GRATE
504	IL84	1196+60.4396	41.2085' LT	CORNER OF HANDHOLE
505	IL84	1196+58.7841	38.7535' LT	CORNER OF HANDHOLE
506	IL84	1196+56.7626	40.4535' LT	CORNER OF HANDHOLE
507	IL84	1181+64.6001	16.9007' RT	PAINTED CENTER WINNEBAGO INLET MANHOLE
508	IL84	1181+86.5465	18.8004' LT	PAINTED CENTER WINNEBAGO INLET MANHOLE
509	IL84	1181+87.9997	20.1282' RT	PAINTED CENTER WINNEBAGO INLET MANHOLE

## APPARENT PROPERTY CORNERS

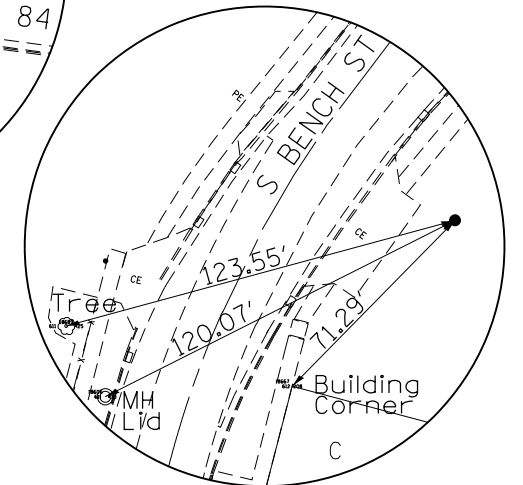
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
MM700	2,092,065.7327	2,226,093.5973	640.5471	IL84	1185+98.4830	24.9312' LT	MISSMAN FOUND 5/8" BLOCK CORNER LOT CORNER



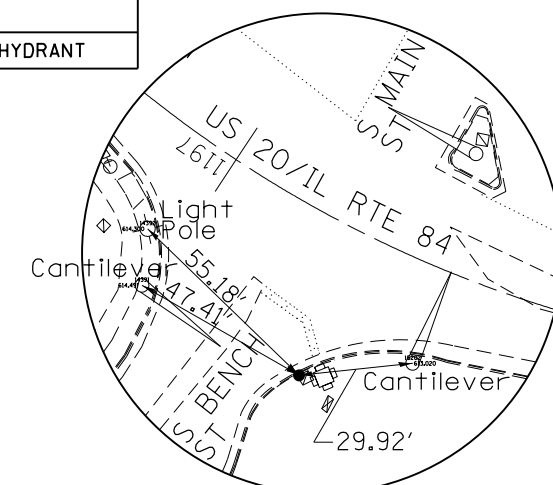
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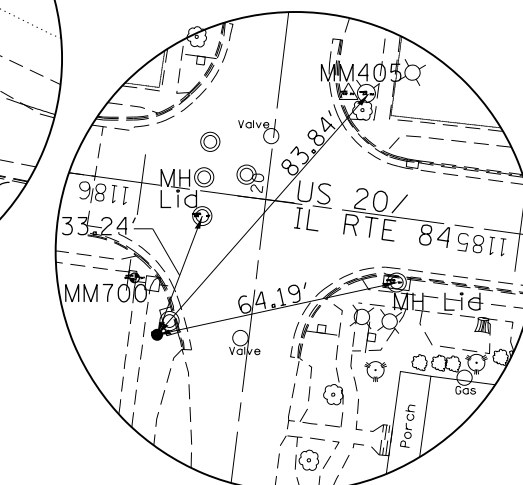
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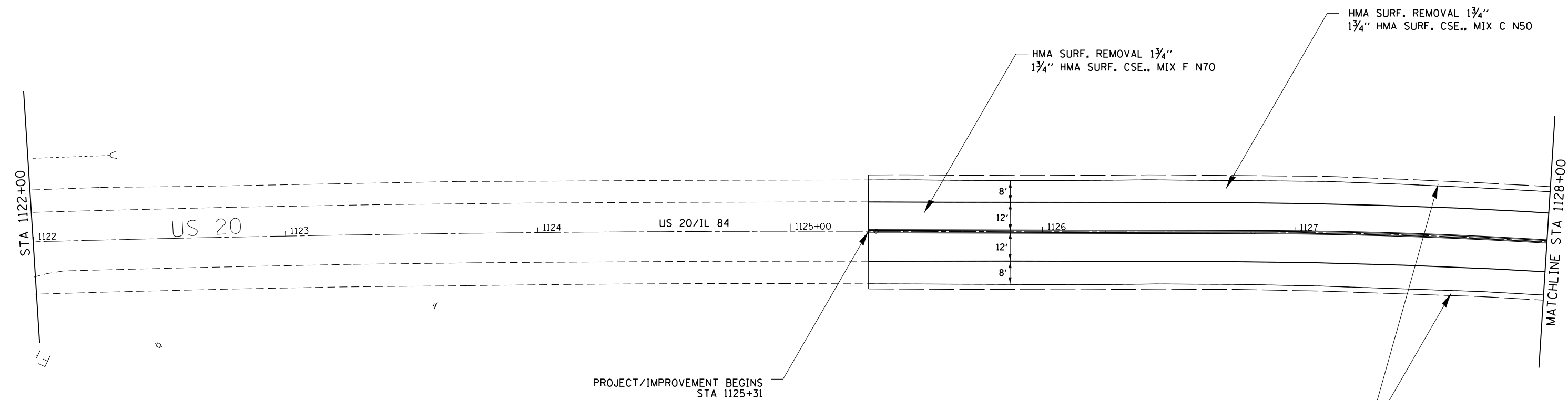
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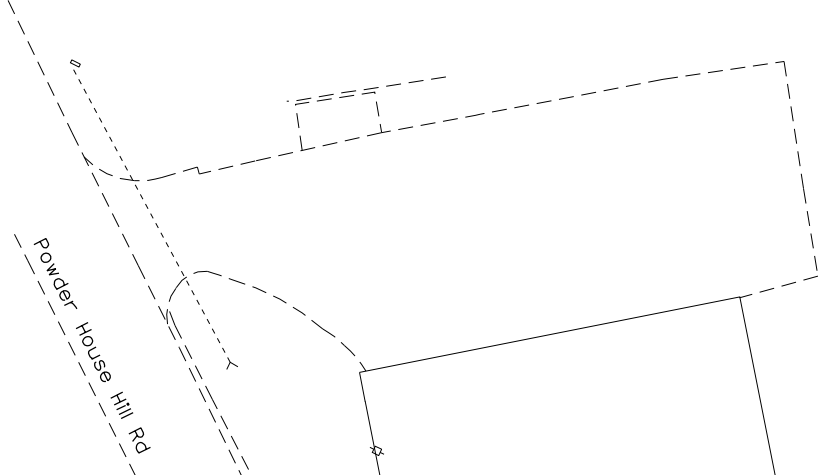


HORIZONTAL CONTROL POINT No. MM5



PROJECT/IMPROVEMENT BEGINS  
STA 1125+31

AGGREGATE WEDGE SHOULDER  
TYPE B



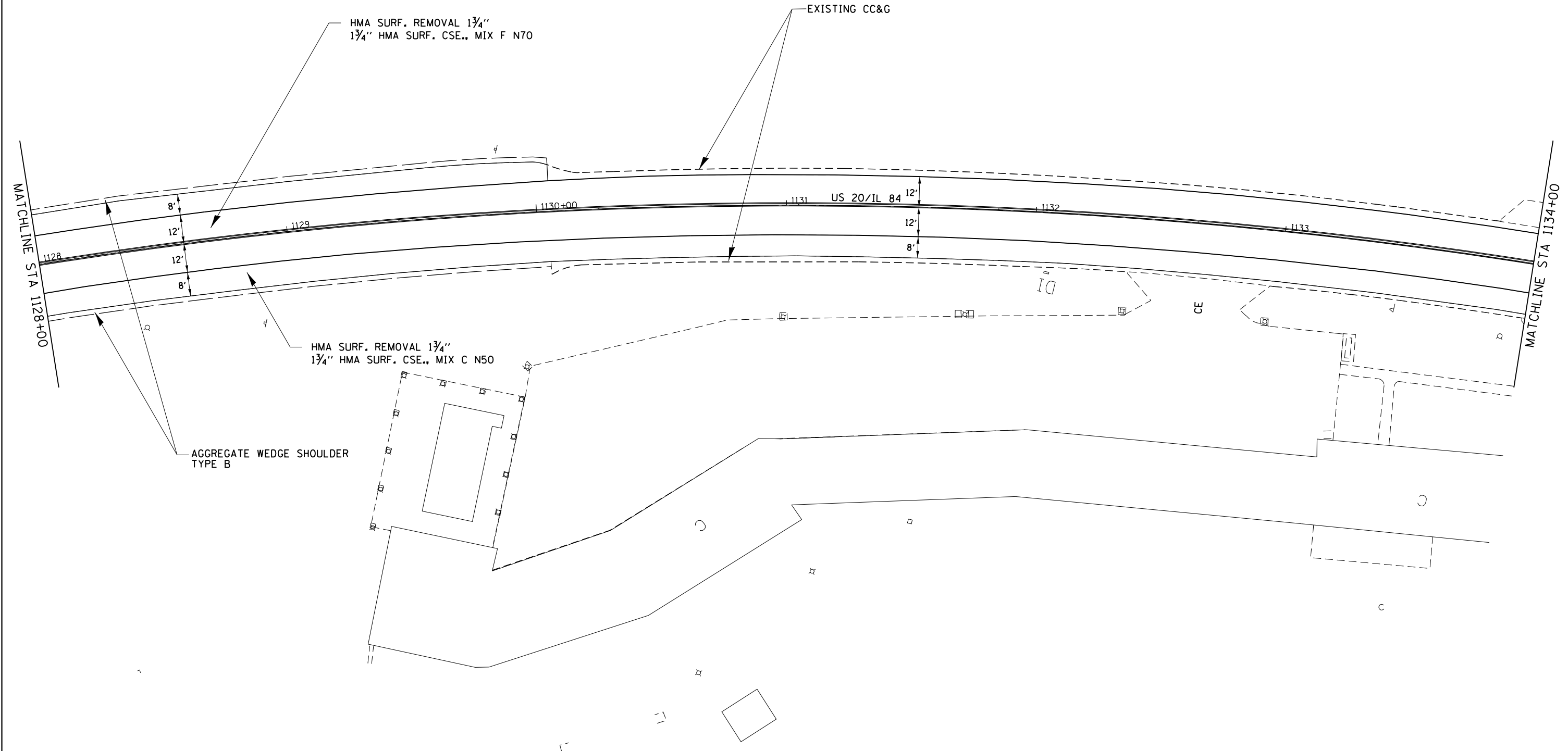
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 84 /US 20 PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K59	

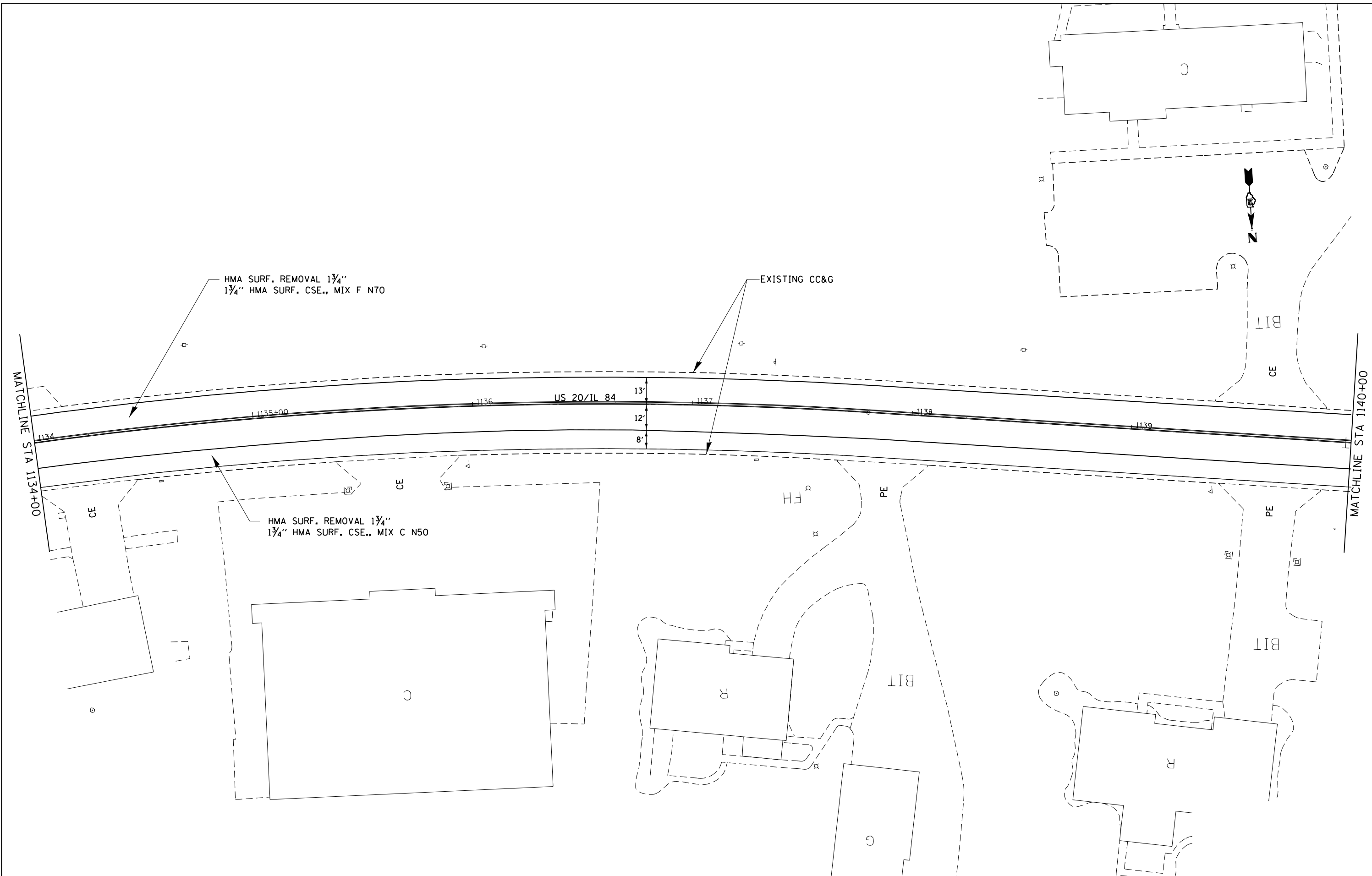


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 84 /US 20 PLAN SHEETS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	23
CONTRACT NO. 64K59				
ILLINOIS FED. AID PROJECT				



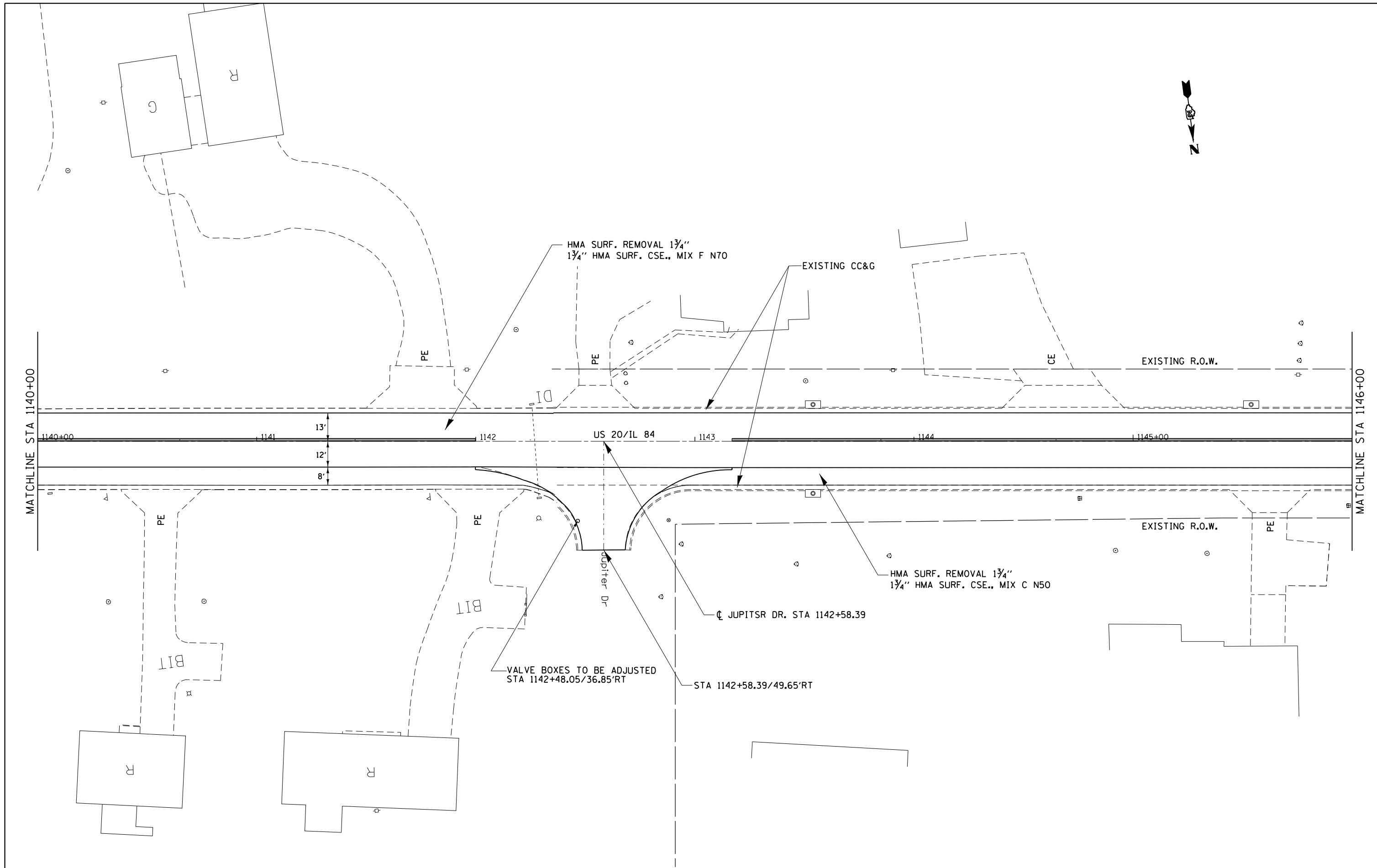
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

IL 84 /US 20 PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64K59			ILLINOIS FED. AID PROJECT	



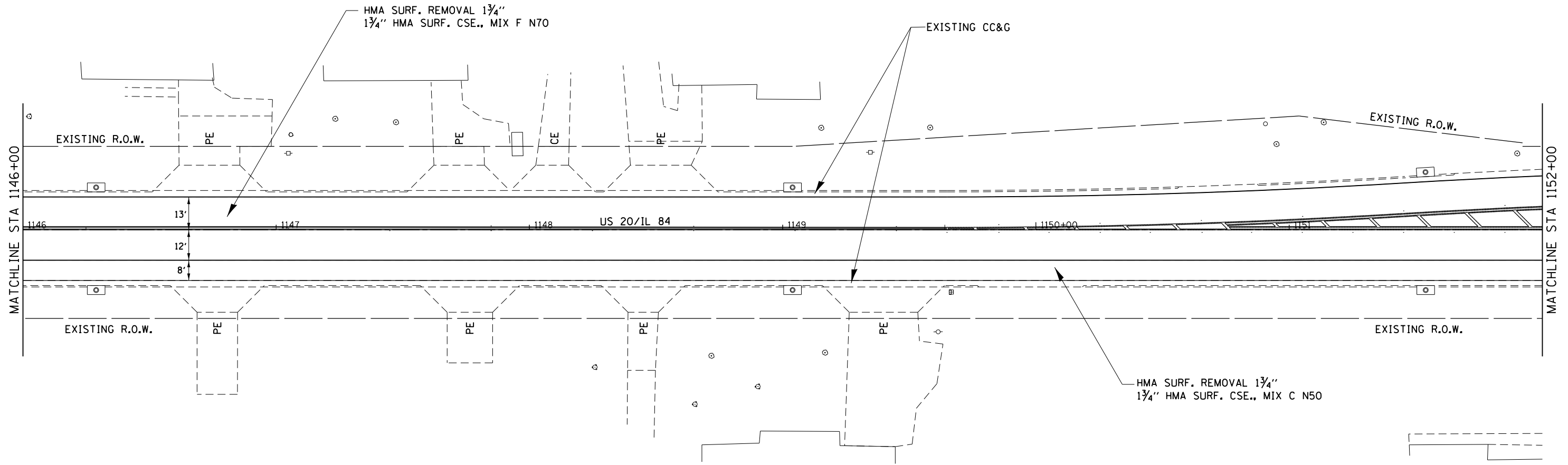


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 84 /US 20 PLAN SHEETS</b>			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	25
CONTRACT NO. 64K59			ILLINOIS FED. AID PROJECT	



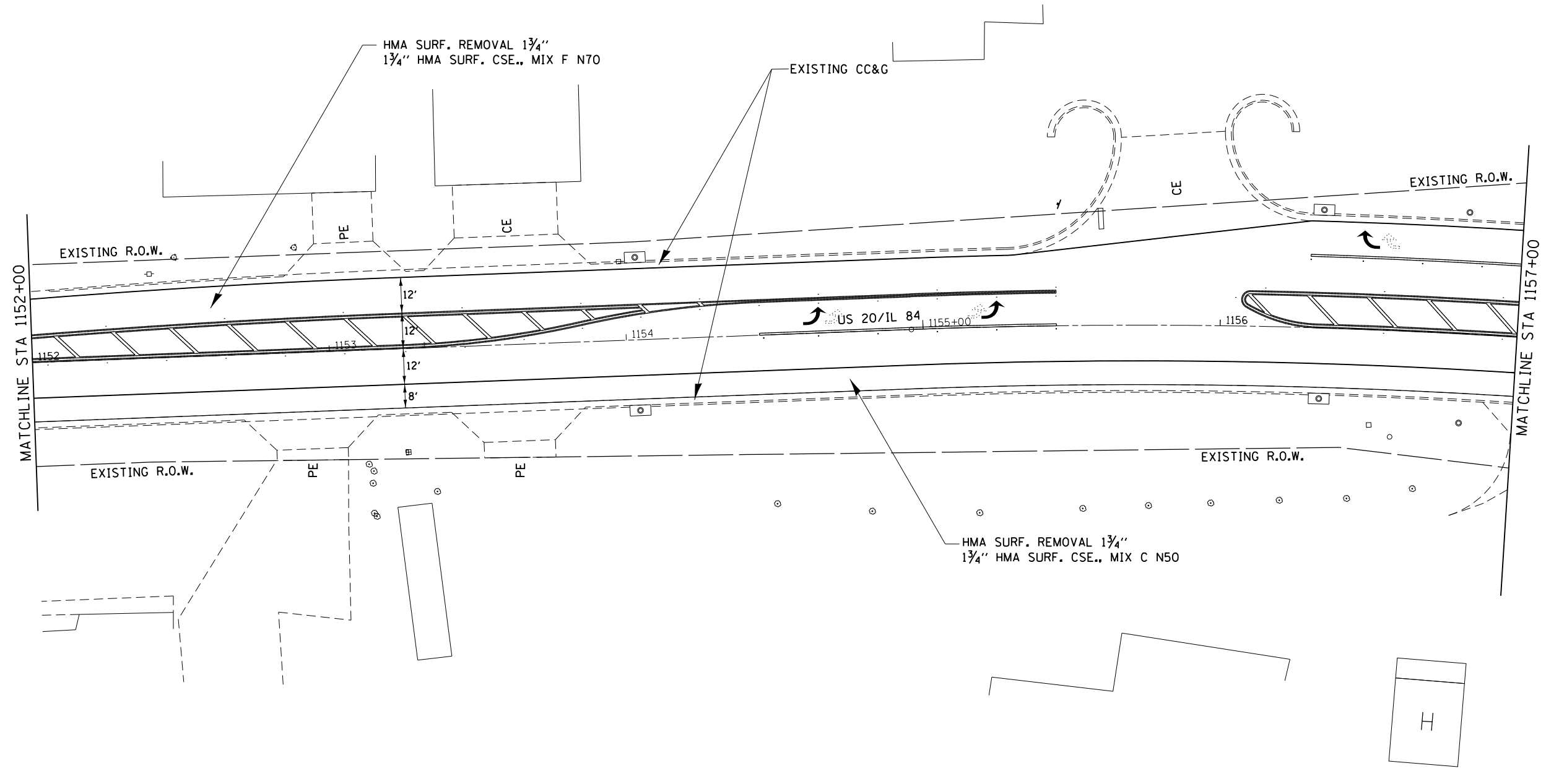
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84 / US 20 PLAN SHEETS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K59	

SCALE: SHEET OF SHEETS STA. TO STA.



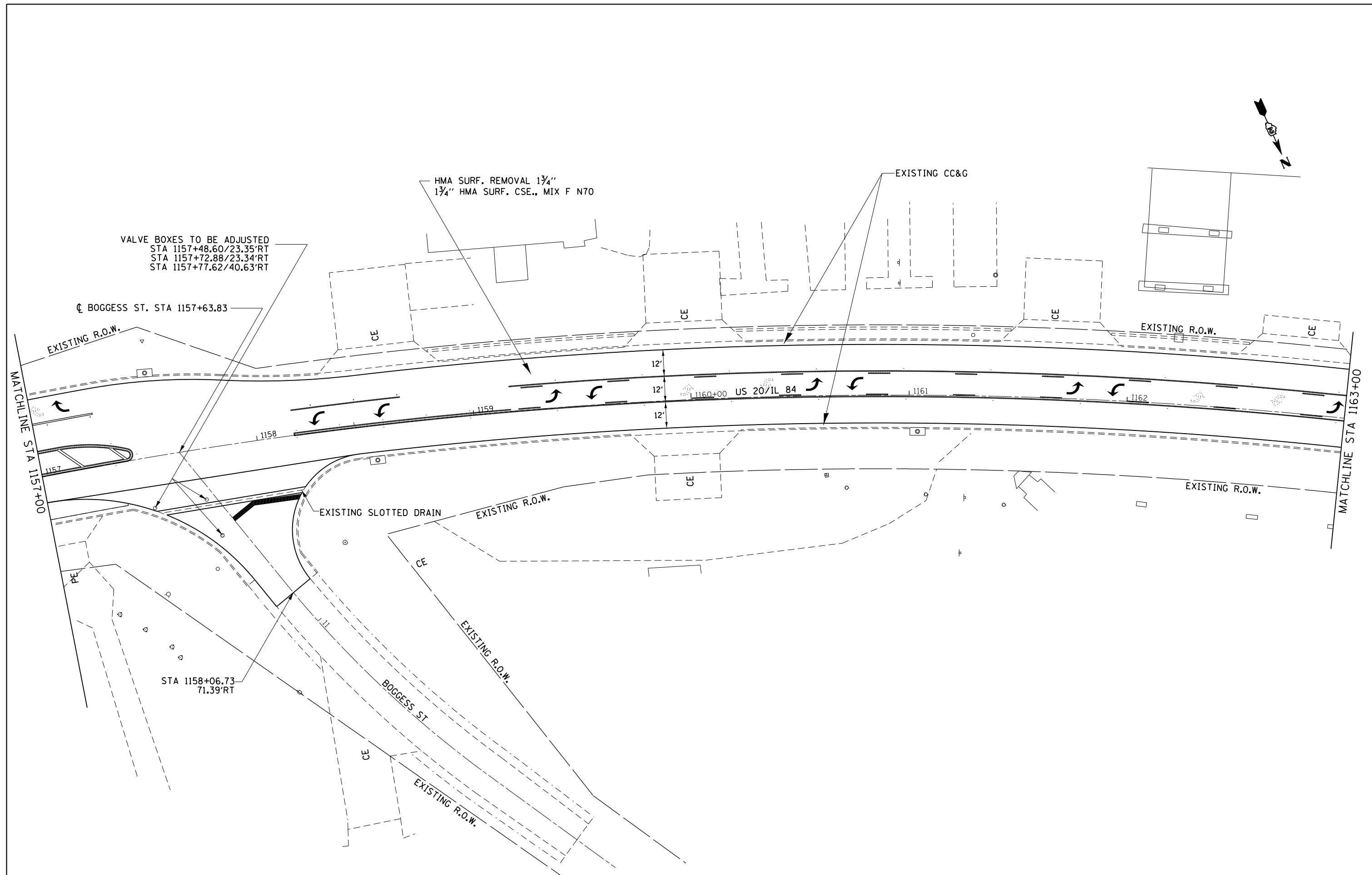
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84 /US 20 PLAN SHEETS**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K59	



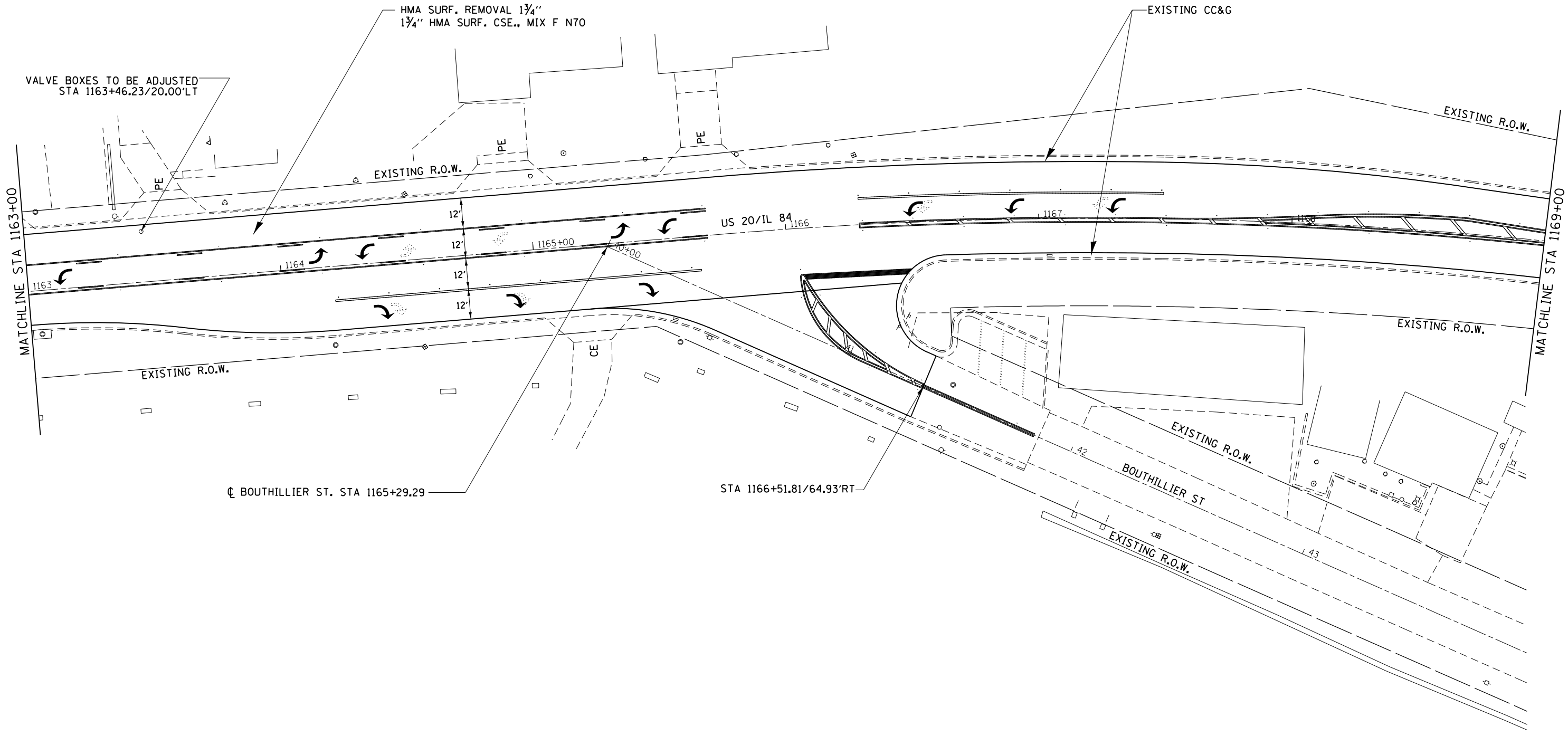
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 84 /US 20 PLAN SHEETS

SCALE:          SHEET    OF    SHEETS    STA.          TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	28
CONTRACT NO. 64K59				
ILLINOIS FED. AID PROJECT				



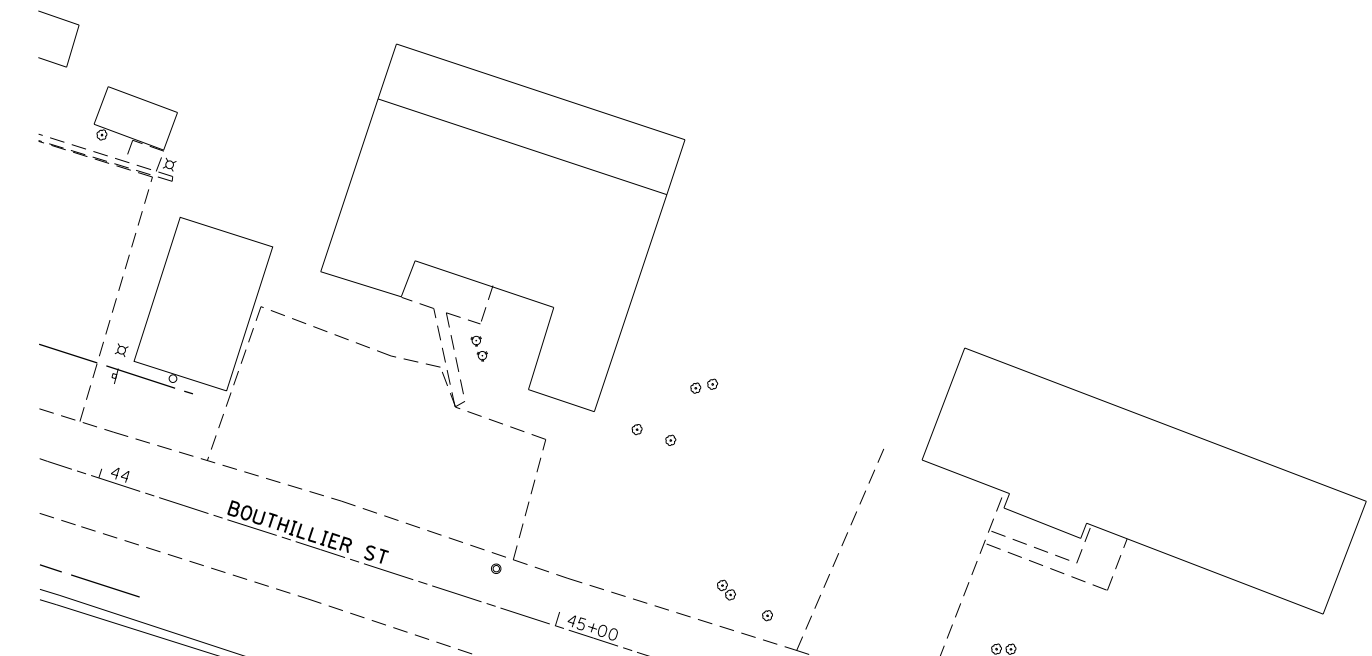
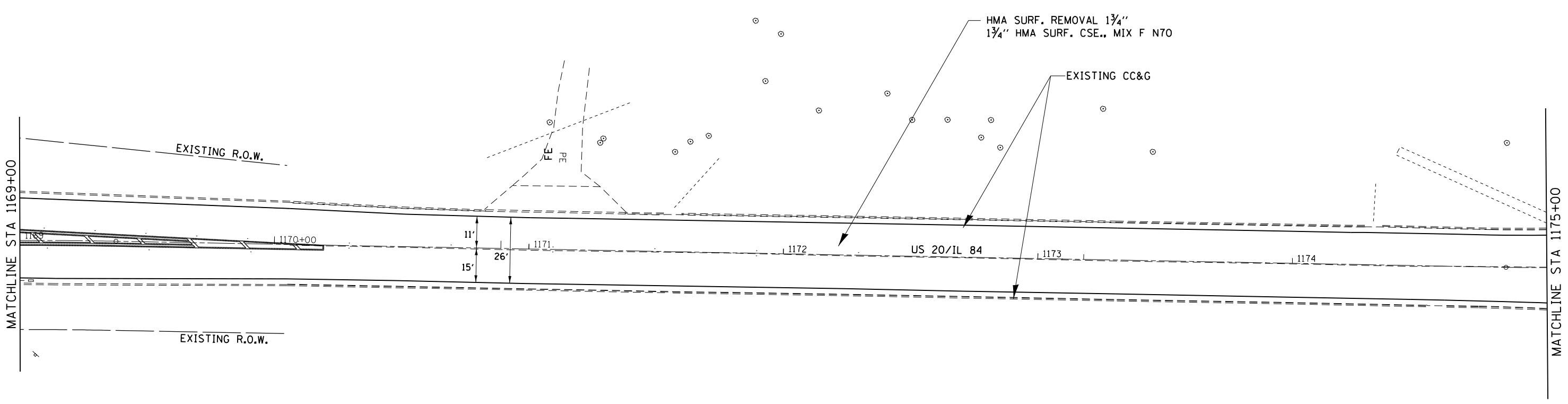
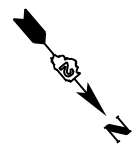
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84 /US 20 PLAN SHEETS**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	29
CONTRACT NO. 64K59			ILLINOIS FED. AID PROJECT	



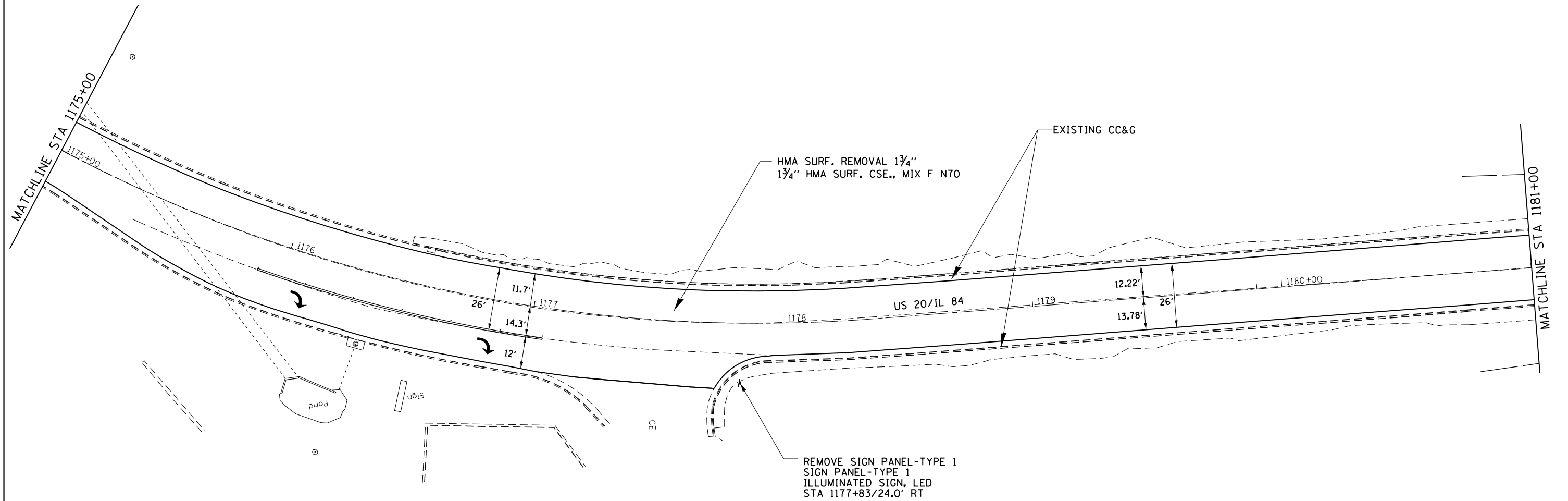
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 84 /US 20 PLAN SHEETS**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	30
CONTRACT NO.			64K59	
ILLINOIS FED. AID PROJECT				



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Default	DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

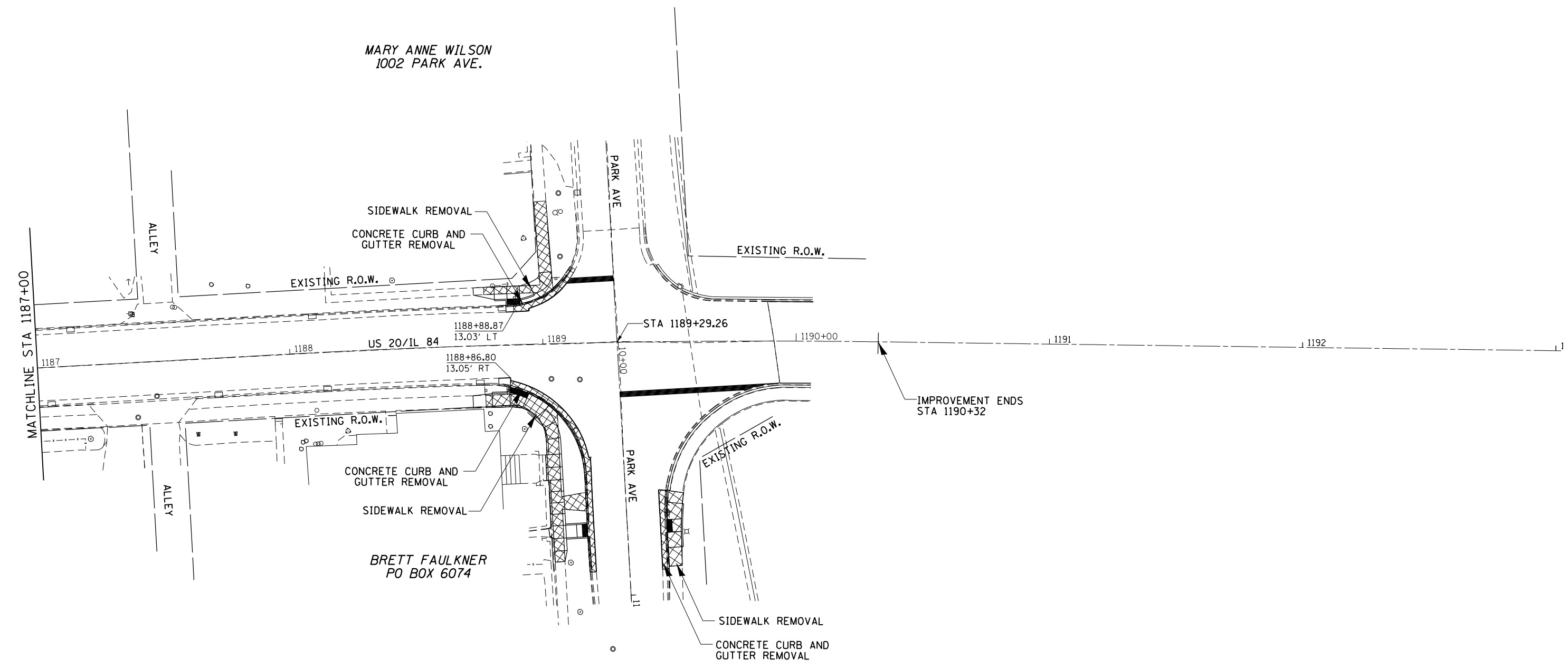
**IL 84 /US 20 PLAN SHEETS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	31
CONTRACT NO. 64K59			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.

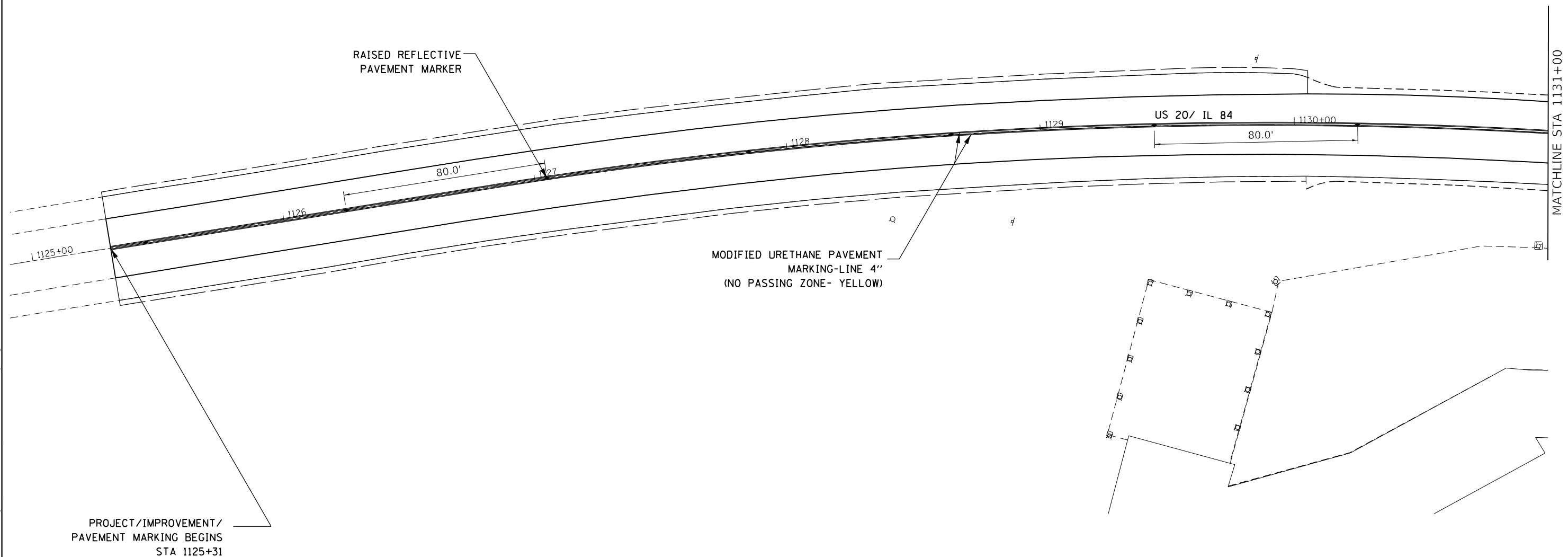






SYMBOLS	
	REMOVAL

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 84 /US 20 PLAN SHEETS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2018\2018-084\Drawings\2018-084-015-shr-pln\2018-084-015-shr-pln.dwg	PLLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					301	29RS-7	JO DAVIESS	65	33
Default	PLLOT DATE = 12/6/2018	DATE -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.			CONTRACT NO. 64K59				
ILLINOIS FED. AID PROJECT												



MATCHLINE STA 1131+00

PROJECT/IMPROVEMENT/  
PAVEMENT MARKING BEGINS  
STA 1125+31

MODIFIED URETHANE PAVEMENT  
MARKING-LINE 4"  
(NO PASSING ZONE- YELLOW)

**LEGEND**

	TWO-WAY AMBER MARKER
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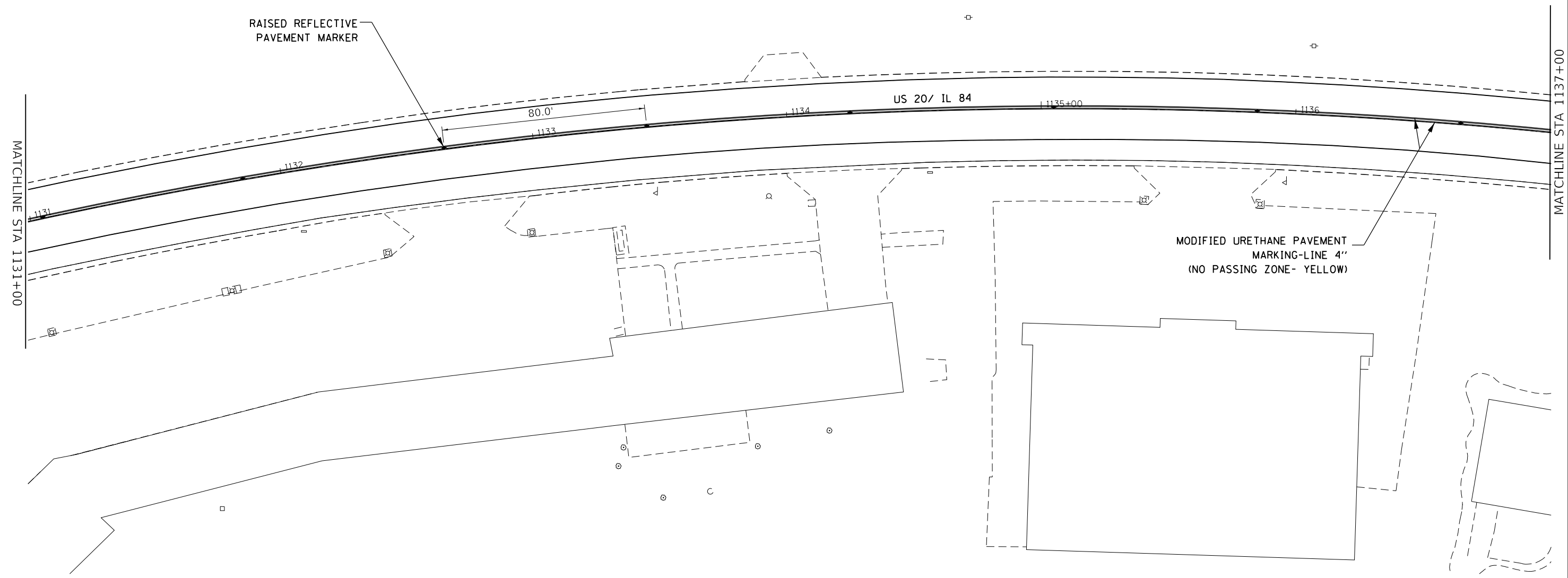
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PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 20 /IL 84  
PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	34
CONTRACT NO. 64M59				
ILLINOIS FED. AID PROJECT				



**LEGEND**

◆ TWO-WAY AMBER MARKER

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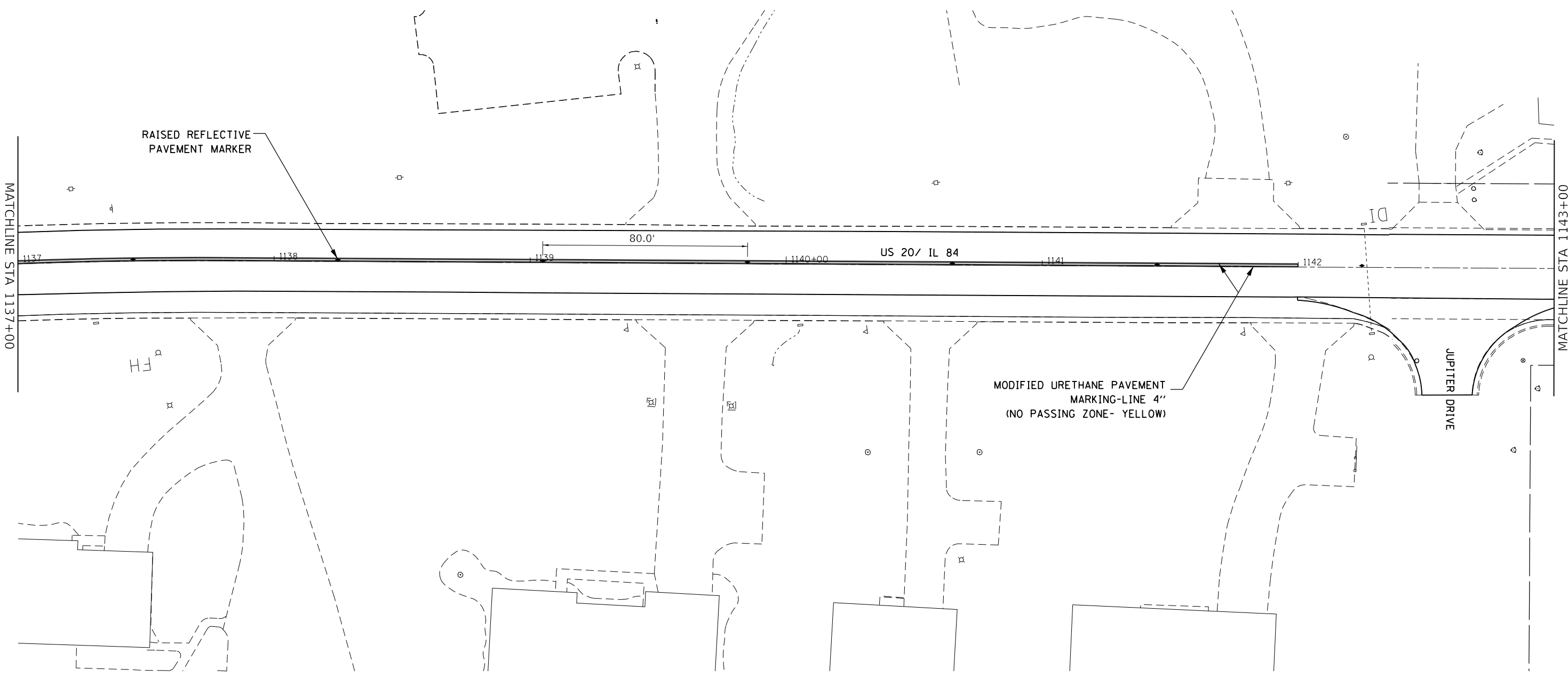
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PLOT DATE = 12/6/2018	DATE -	REVISED -

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

**US 20 /IL 84**  
**PAVEMENT MARKING DETAILS**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	35
CONTRACT NO. 64M59				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 1137+00

MATCHLINE STA 1143+00

RAISED REFLECTIVE  
PAVEMENT MARKER

80.0'

US 20/ IL 84

MODIFIED URETHANE PAVEMENT  
MARKING-LINE 4"  
(NO PASSING ZONE- YELLOW)

JUPITER DRIVE

**LEGEND**

	<b>TWO-WAY AMBER MARKER</b>
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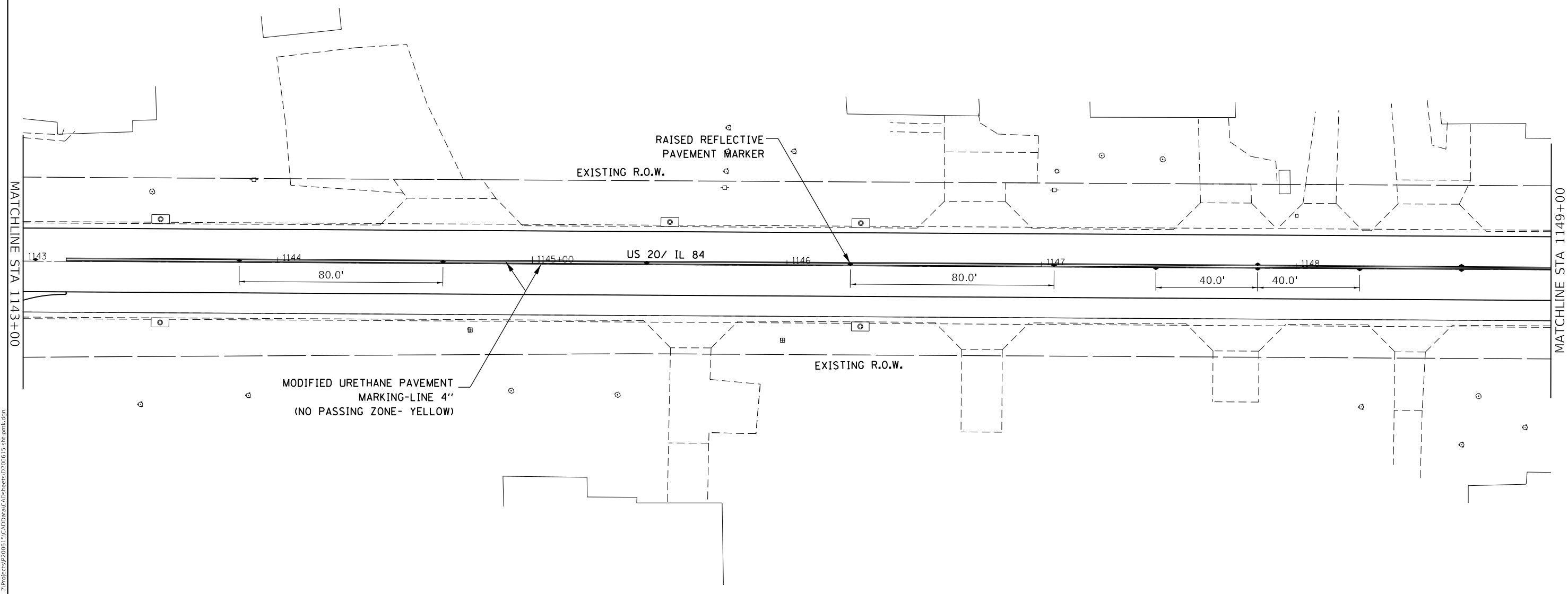
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PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 20 /IL 84  
PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	36
CONTRACT NO. 64M59				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 1143+00

MATCHLINE STA 1149+00

US 20/ IL 84

MODIFIED URETHANE PAVEMENT  
MARKING-LINE 4"  
(NO PASSING ZONE- YELLOW)

RAISED REFLECTIVE  
PAVEMENT MARKER

EXISTING R.O.W.

EXISTING R.O.W.

**LEGEND**

◆	TWO-WAY AMBER MARKER
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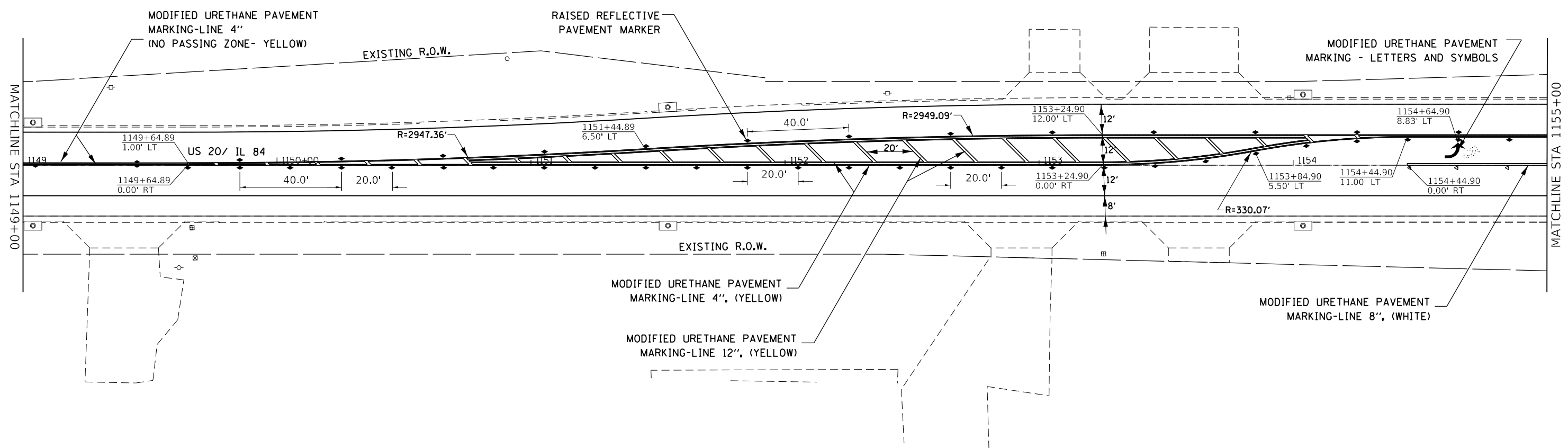
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PLOT DATE = 12/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 20 /IL 84  
PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	37
			CONTRACT NO. 64M59	
		ILLINOIS	FED. AID PROJECT	



**LEGEND**

	ONE-WAY CRYSTAL MARKER
	TWO-WAY AMBER MARKER

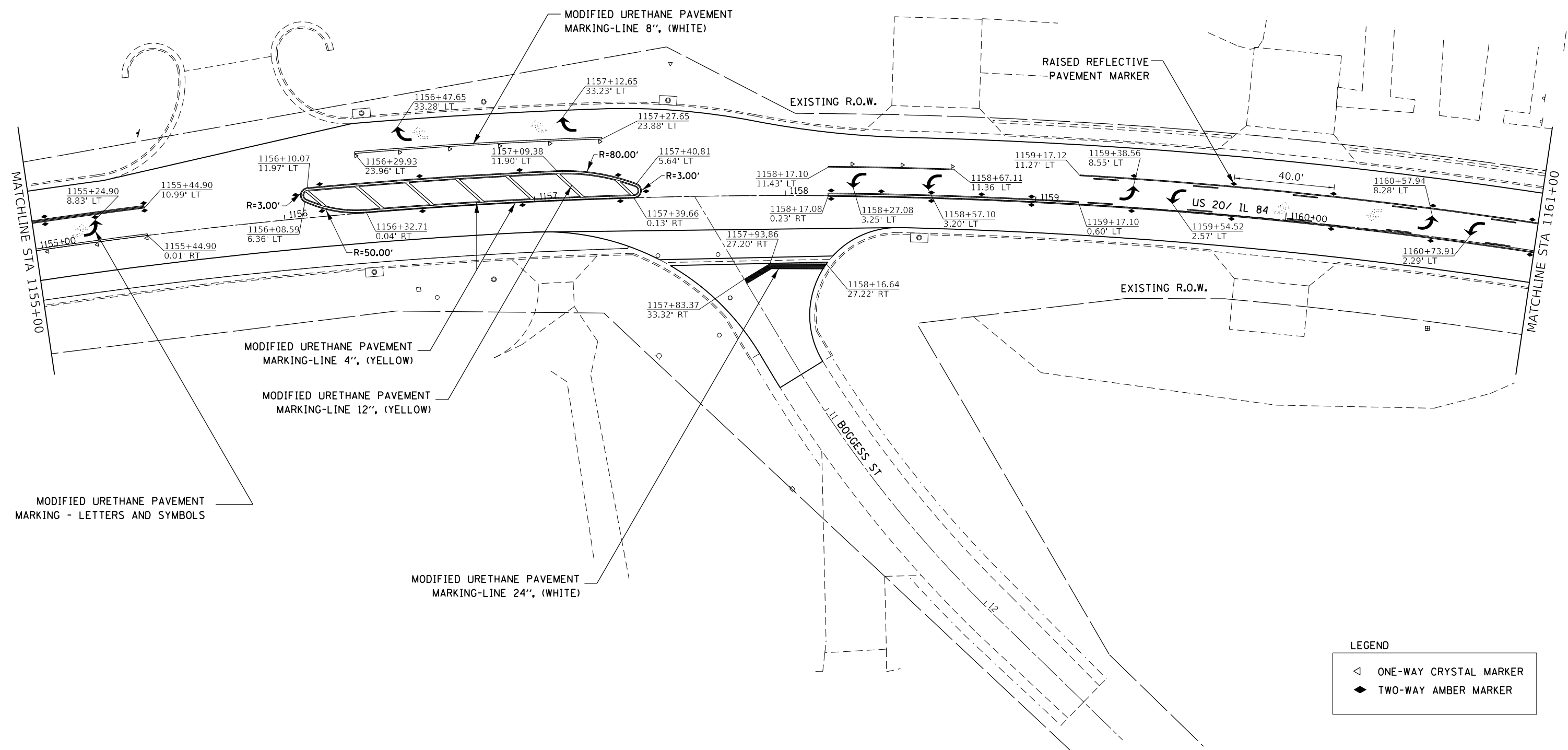
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USER NAME = Karkir	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

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

<b>US 20 /IL 84</b> <b>PAVEMENT MARKING DETAILS</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	38
			CONTRACT NO. 64M59	
ILLINOIS FED. AID PROJECT				



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**LEGEND**

	ONE-WAY CRYSTAL MARKER
	TWO-WAY AMBER MARKER

USER NAME = Karkir	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

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

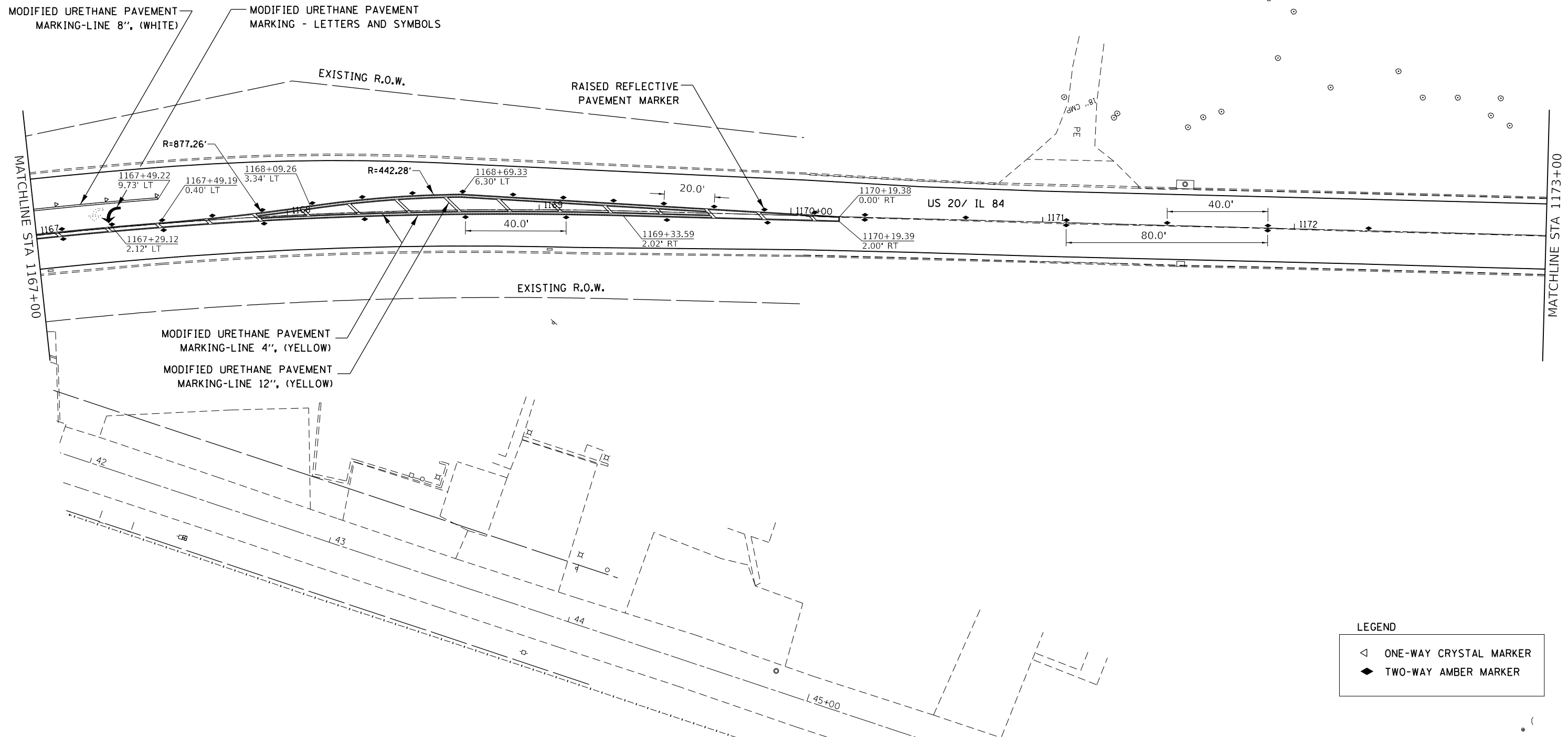
**US 20 / IL 84**  
**PAVEMENT MARKING DETAILS**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	39
CONTRACT NO. 64M59				
ILLINOIS FED. AID PROJECT				







**LEGEND**

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

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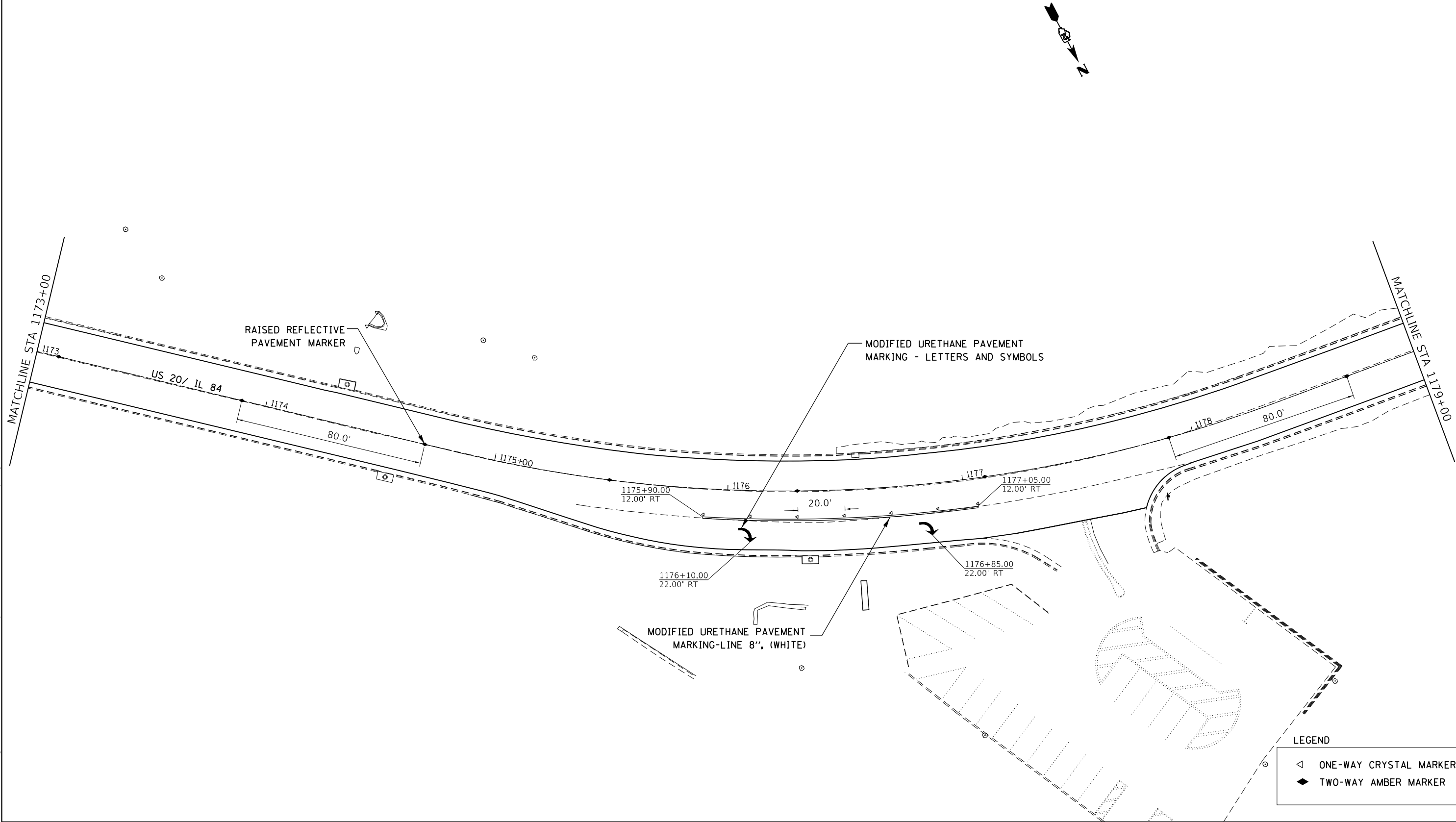
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>US 20 /IL 84</b>			
<b>PAVEMENT MARKING DETAILS</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	41
CONTRACT NO. 64M59				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

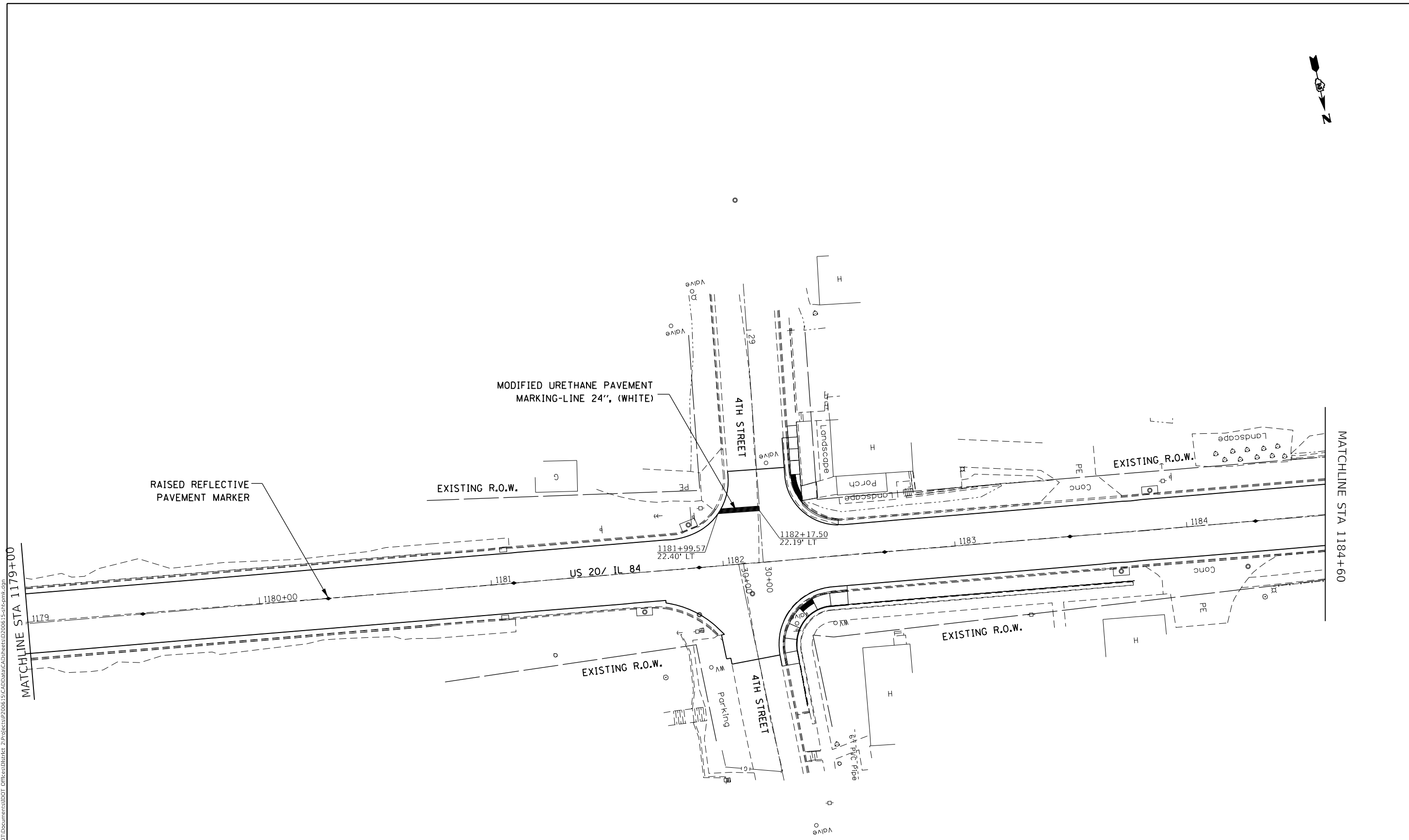
	ONE-WAY CRYSTAL MARKER
	TWO-WAY AMBER MARKER

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PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>US 20 / IL 84 PAVEMENT MARKING DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	42
CONTRACT NO. 64M59				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	ONE-WAY CRYSTAL MARKER
	TWO-WAY AMBER MARKER

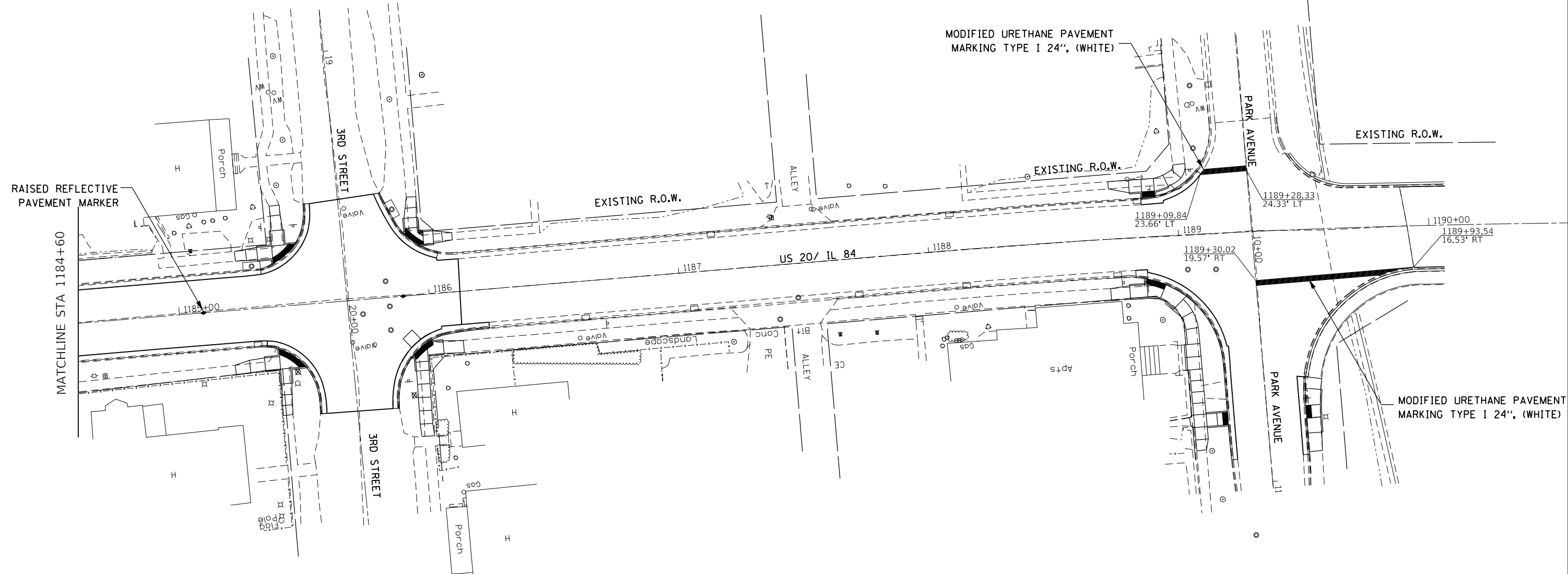
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PLOT DATE = 12/6/2018	DATE -	REVISED -

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

<b>US 20 /IL 84</b> <b>PAVEMENT MARKING DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			65	43
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**LEGEND**

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

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PLOT DATE = 12/6/2018	DATE -	REVISED -

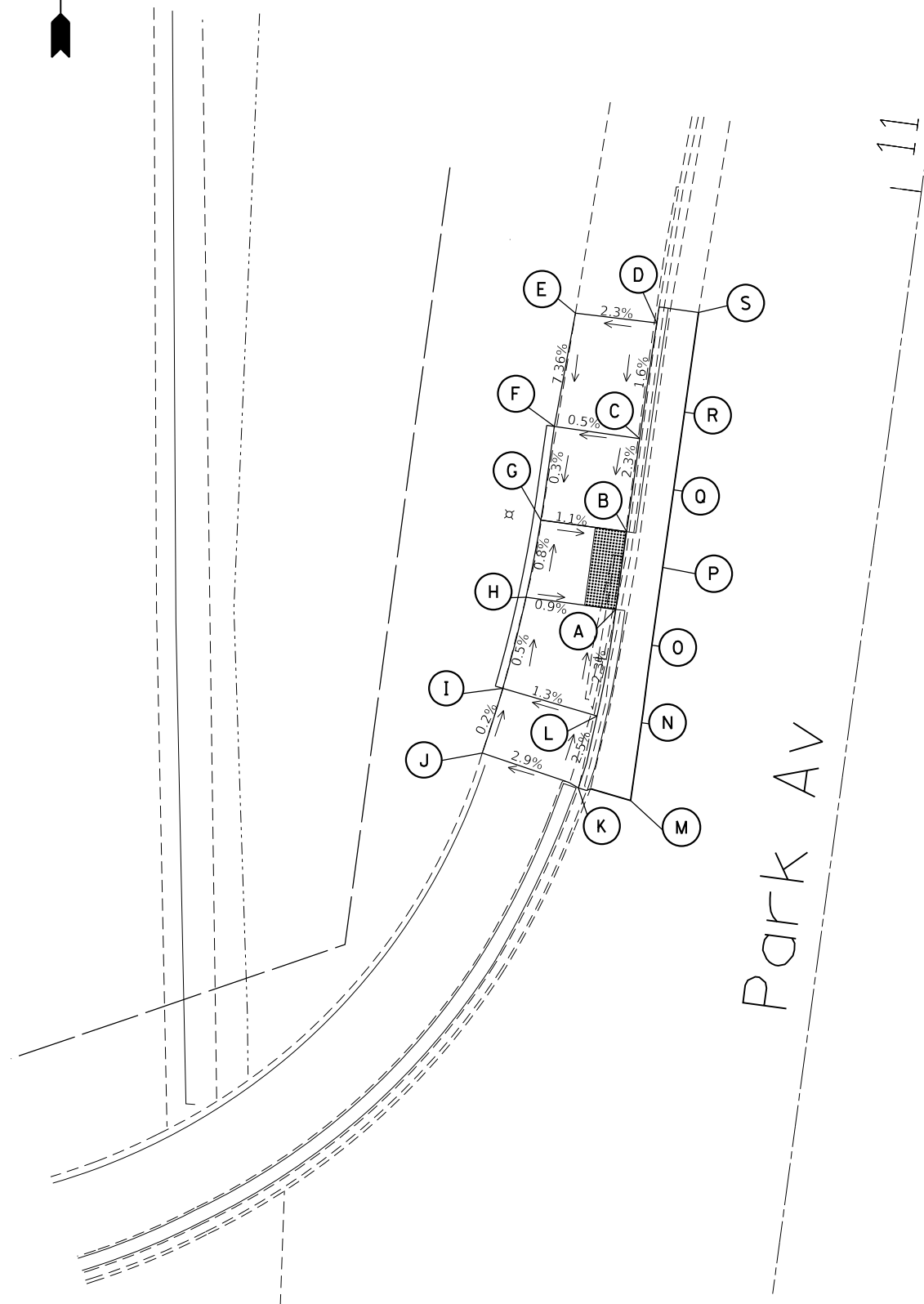
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**US 20 / IL 84**  
**PAVEMENT MARKING DETAILS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			65	44
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

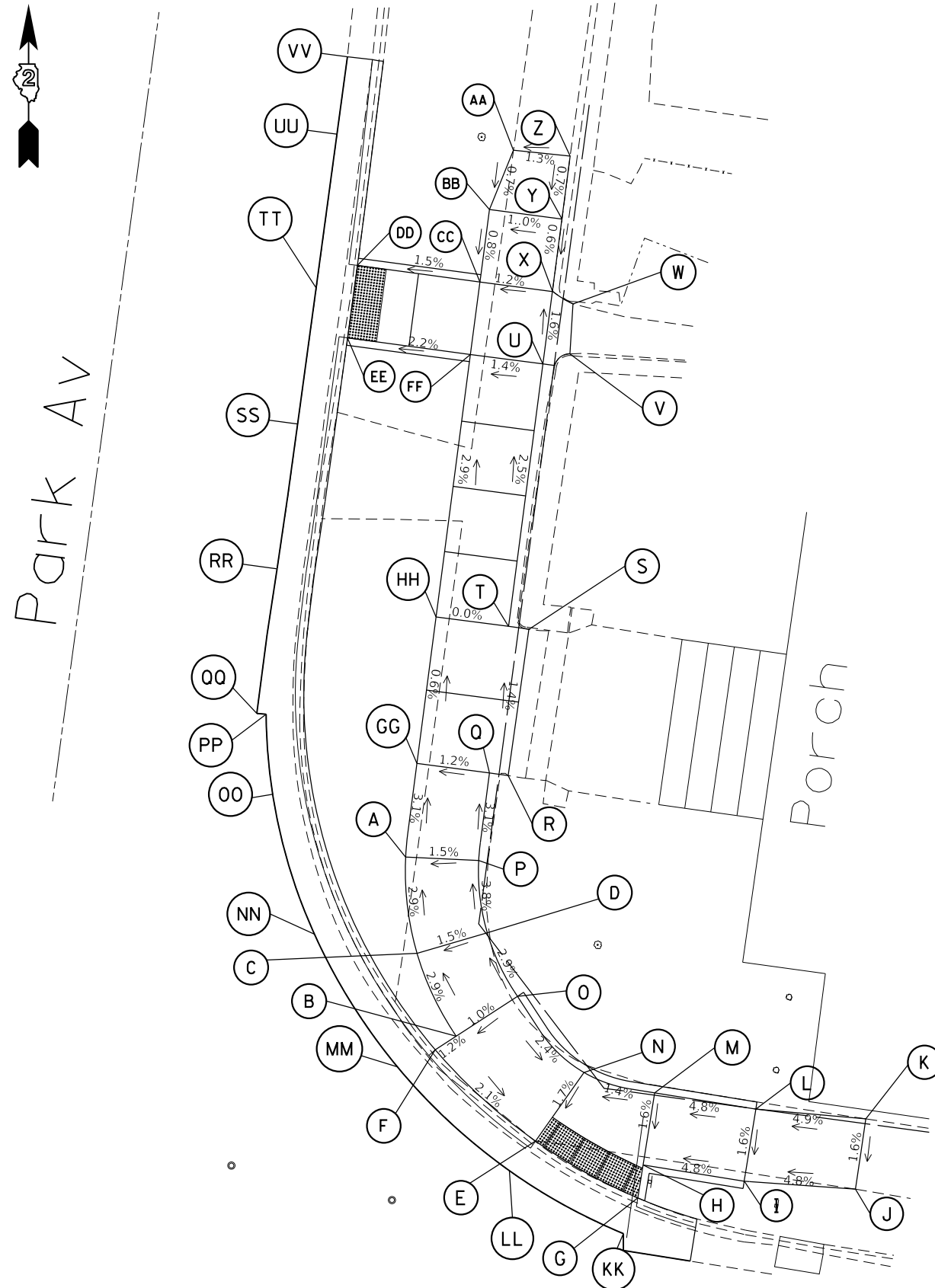
SCALE: SHEET OF SHEETS STA. TO STA.

# US 20 & PARK AVE - NW QUADRANT



POINT	STATION	OFFSET	SIDE	ELEVATION
A	1189+48.13	70.29	RT	634.32
B	1189+48.33	75.29	RT	634.27
C	1189+48.56	81.29	RT	634.38
D	1189+48.81	88.73	RT	634.5
E	1189+54.16	88.42	RT	634.38
F	1189+54.19	81.07	RT	634.35
G	1189+53.97	75.04	RT	634.33
H	1189+54.01	70.03	RT	634.37
I	1189+54.45	64.05	RT	634.4
J	1189+55.01	59.76	RT	634.41
K	1189+48.46	58.67	RT	634.6
L	1189+48.10	63.39	RT	634.48
M	1189+44.99	58.46	RT	634.58
N	1189+45.18	63.46	RT	634.49
O	1189+45.41	68.46	RT	634.4
P	1189+45.61	73.46	RT	634.38
Q	1189+45.80	78.45	RT	634.32
R	1189+45.99	83.45	RT	634.25
S	1189+46.24	89.86	RT	634.15

# US 20 & PARK AVE - NE QUADRANT



POINT	STATION	OFFSET	SIDE	EVEAVTION
A	1189+06.00	37.18	RT	635.35
B	1189+00.52	25.66	RT	635.72
C	1189+04.12	30.81	RT	635.54
D	1188+99.58	32.99	RT	635.61
E	1188+93.96	19.47	RT	635.5
F	1189+01.79	24.51	RT	635.7
G	1188+86.40	16.76	RT	635.56
H	1188+86.40	19.04	RT	635.59
I	1188+79.36	19.03	RT	635.93
J	1188+71.71	19.7	RT	636.3
K	1188+71.77	24.55	RT	636.38
L	1188+79.35	24.03	RT	636.01
M	1188+86.40	24.04	RT	635.67
N	1188+91.44	24.63	RT	635.6
O	1188+96.81	29.04	RT	635.77
P	1189+00.98	37.77	RT	635.42
Q	1189+01.24	43.81	RT	635.21
R	1188+99.93	43.84	RT	635.23
S	1189+00.17	53.94	RT	635.09
T	1189+01.59	53.91	RT	635.09
U	1189+02.23	72	RT	634.64
V	1189+00.49	72.98	RT	634.68
W	1189+00.86	76.39	RT	634.54
X	1189+02.41	76.99	RT	634.56
Y	1189+02.59	81.99	RT	634.59
Z	1189+02.75	86.33	RT	634.62
AA	1189+06.73	86.08	RT	634.57
BB	1189+07.71	81.81	RT	634.54
CC	1189+07.52	76.82	RT	634.5
DD	1189+16.17	76.53	RT	634.37
EE	1189+15.99	71.54	RT	634.38
FF	1189+07.34	71.82	RT	634.57
GG	1189+06.30	43.63	RT	635.15
HH	1189+06.67	53.73	RT	635.09
KK	1188+86.98	14.19	RT	635.6
LL	1188+95.41	17.19	RT	635.5
MM	1189+04.16	22.93	RT	635.32
NN	1189+11.33	30.95	RT	635.03
OO	1189+15.78	39.9	RT	634.83
PP	1189+17.16	45.22	RT	634.75
QQ	1189+17.81	45.17	RT	634.69
RR	1189+18.12	55.16	RT	634.61
SS	1189+18.41	65.16	RT	634.36
TT	1189+18.73	74.54	RT	634.36
UU	1189+19.12	85.15	RT	634.22
VV	1189+19.32	90.49	RT	634.15

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 20 & PARK AVE - NE QUADRANT  
ADA RAMP DETAIL**

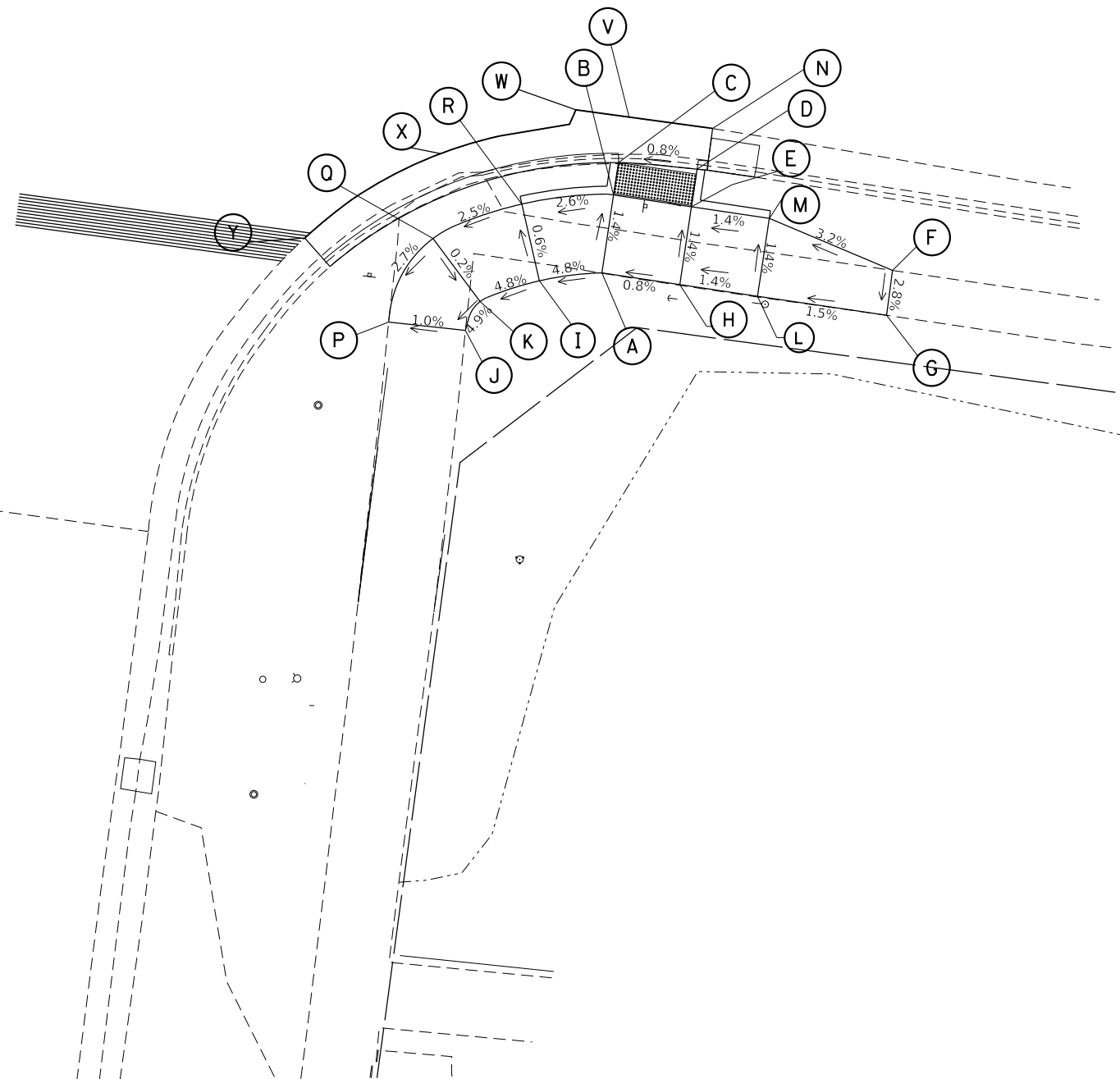
SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	46
			CONTRACT NO. 64K59	
ILLINOIS FED. AID PROJECT				

# US 20 & PARK AVE - SE QUADRANT

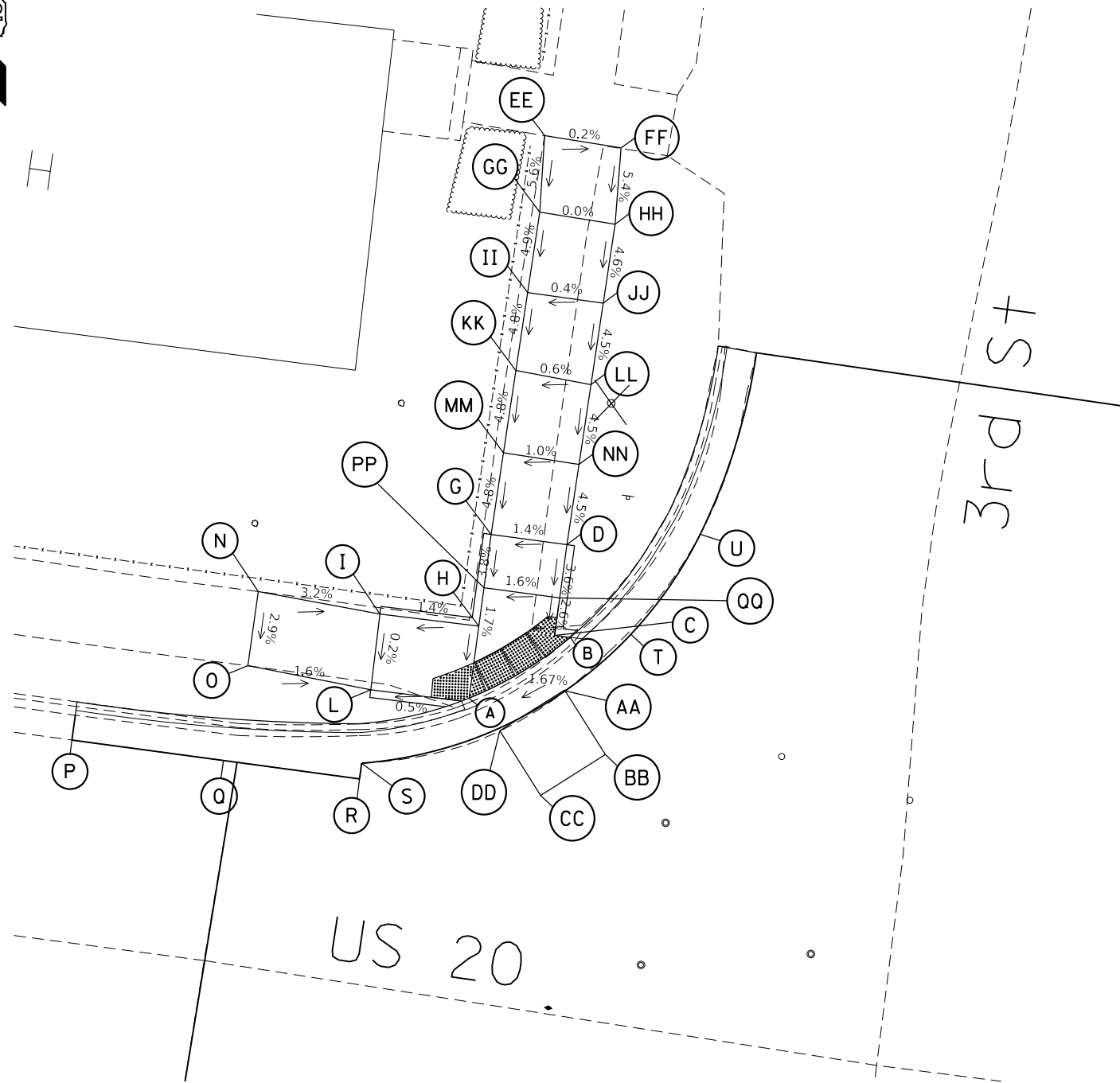


US 20



POINT	STATION	OFFSET	SIDE	ELEVATION
A	1188+91.29	23.13	LT	635.59
B	1188+91.35	18.13	LT	635.52
C	1188+91.37	16.05	LT	635.49
D	1188+86.39	15.66	LT	635.53
E	1188+86.37	18.07	LT	635.56
F	1188+73.20	20.05	LT	635.9
G	1188+73.13	22.93	LT	635.82
H	1188+86.32	23.07	LT	635.63
I	1188+95.10	24.27	LT	635.4
J	1188+99.19	28.14	LT	635.11
K	1188+98.57	26.18	LT	635.21
L	1188+81.35	23.02	LT	635.7
M	1188+81.40	18.02	LT	635.63
N	1188+85.84	12.96	LT	635.57
P	1189+04.04	28.41	LT	635.06
Q	1189+02.15	22.72	LT	635.22
R	1188+96.97	19.64	LT	635.37
V	1188+91.17	13.1	LT	635.53
W	1188+94.57	13.18	LT	635.49
X	1189+02.56	17.32	LT	635.26
Y	1189+10.13	24.03	LT	634.97

# US 20 & 3RD ST - NW QUADRANT

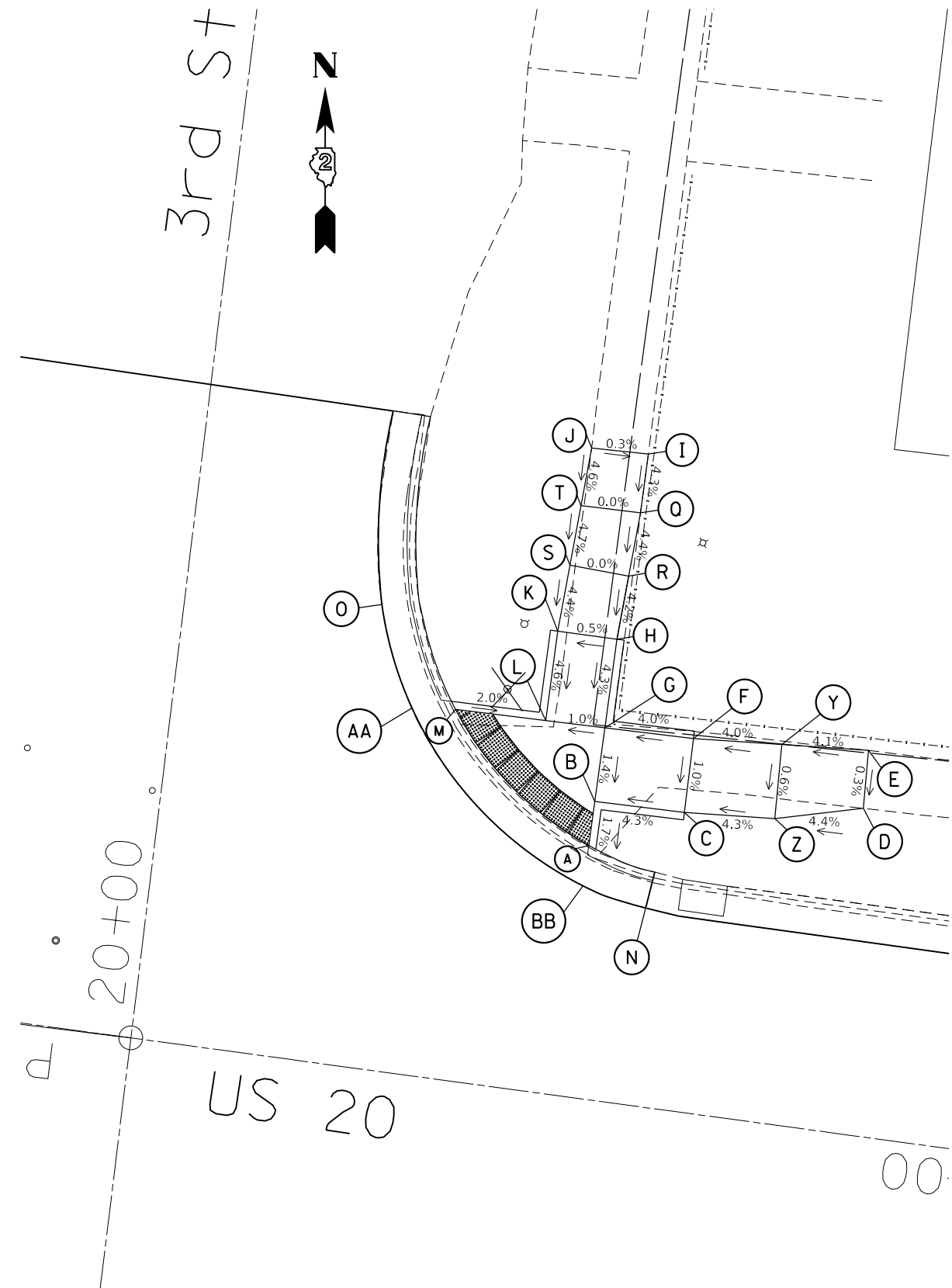


POINT	STATION	OFFSET	SIDE	ELEVATION
A	1185+97.47	19.4	RT	640.64
B	1185+91.43	24.24	RT	640.77
C	1185+92.47	24.22	RT	640.79
D	1185+92.47	30.22	RT	640.99
G	1185+97.47	30.22	RT	640.92
H	1185+97.47	24.16	RT	640.71
I	1186+03.98	24.08	RT	640.62
L	1186+03.92	19.08	RT	640.61
N	1186+12.07	24.48	RT	640.88
O	1186+12.10	19.57	RT	640.74
P	1186+22.86	13.2	RT	639.59
Q	1186+12.85	13.2	RT	639.8
R	1186+03.86	13.21	RT	640.13
S	1186+03.86	14.24	RT	640.16
T	1185+87.53	24.97	RT	640.83
U	1185+83.91	32.07	RT	641.28
AA	1185+91.29	20.72	RT	640.67
BB	1185+88.12	16.93	RT	640.58
CC	1185+91.97	13.72	RT	640.53
DD	1185+95.18	17.56	RT	640.59
EE	1185+97.51	56.57	RT	642.23
FF	1185+92.44	56.45	RT	642.22
GG	1185+97.15	51.56	RT	641.95
HH	1185+92.15	51.44	RT	641.95
II	1185+97.23	46.24	RT	641.69
JJ	1185+92.23	46.21	RT	641.71
KK	1185+97.31	41.08	RT	641.44
LL	1185+92.31	40.82	RT	641.47
MM	1185+97.39	35.63	RT	641.18
NN	1185+92.39	35.53	RT	641.23
PP	1185+97.47	26.7	RT	640.75
QQ	1185+92.47	26.7	RT	640.83

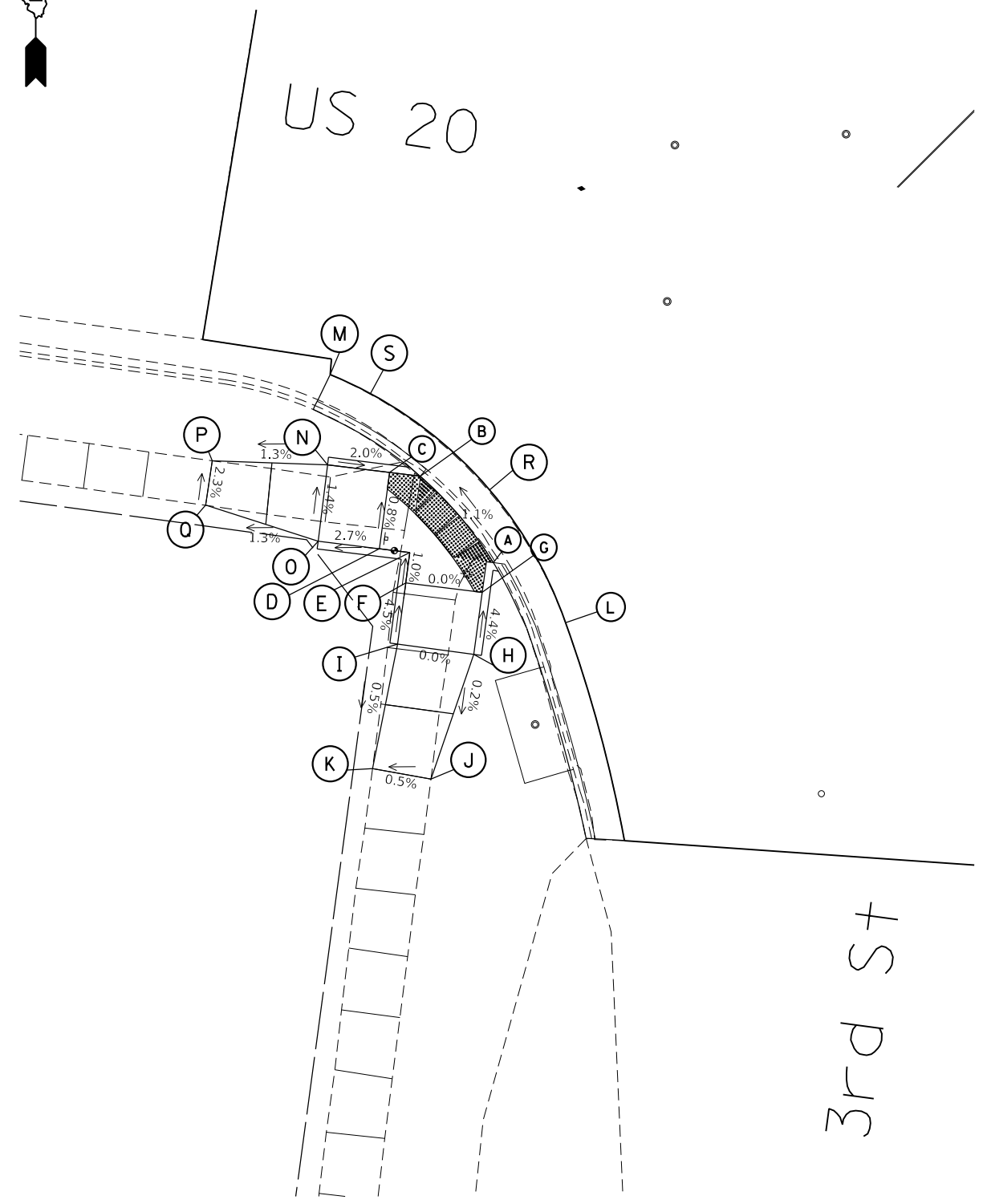


# US 20 & 3RD ST - NE QUADRANT

POINT	STATION	OFFSE	SIDE	ELEVATION
A	1185+38.43	16.92	RT	641.3
B	1185+38.43	19.91	RT	641.35
C	1185+32.38	19.99	RT	641.61
D	1185+20.50	21.88	RT	642.13
E	1185+20.68	25.78	RT	642.14
F	1185+32.44	24.98	RT	641.66
G	1185+38.43	24.91	RT	641.42
H	1185+38.43	30.91	RT	641.68
I	1185+38.00	43.51	RT	642.22
J	1185+41.83	43.4	RT	642.23
K	1185+42.43	30.91	RT	641.66
L	1185+42.44	24.86	RT	641.38
M	1185+48.54	24.78	RT	641.5
N	1185+34.09	13.28	RT	641.18
O	1185+54.38	31.1	RT	641.78
Q	1185+37.99	39.53	RT	642.05
R	1185+38.21	35.2	RT	641.86
S	1185+42.22	35.41	RT	641.86
T	1185+42.02	39.47	RT	642.05
Y	1185+26.51	25.39	RT	641.9
Z	1185+26.30	20.4	RT	641.87
AA	1185+51.45	24.48	RT	641.54
BB	1185+38.47	14.19	RT	641.34



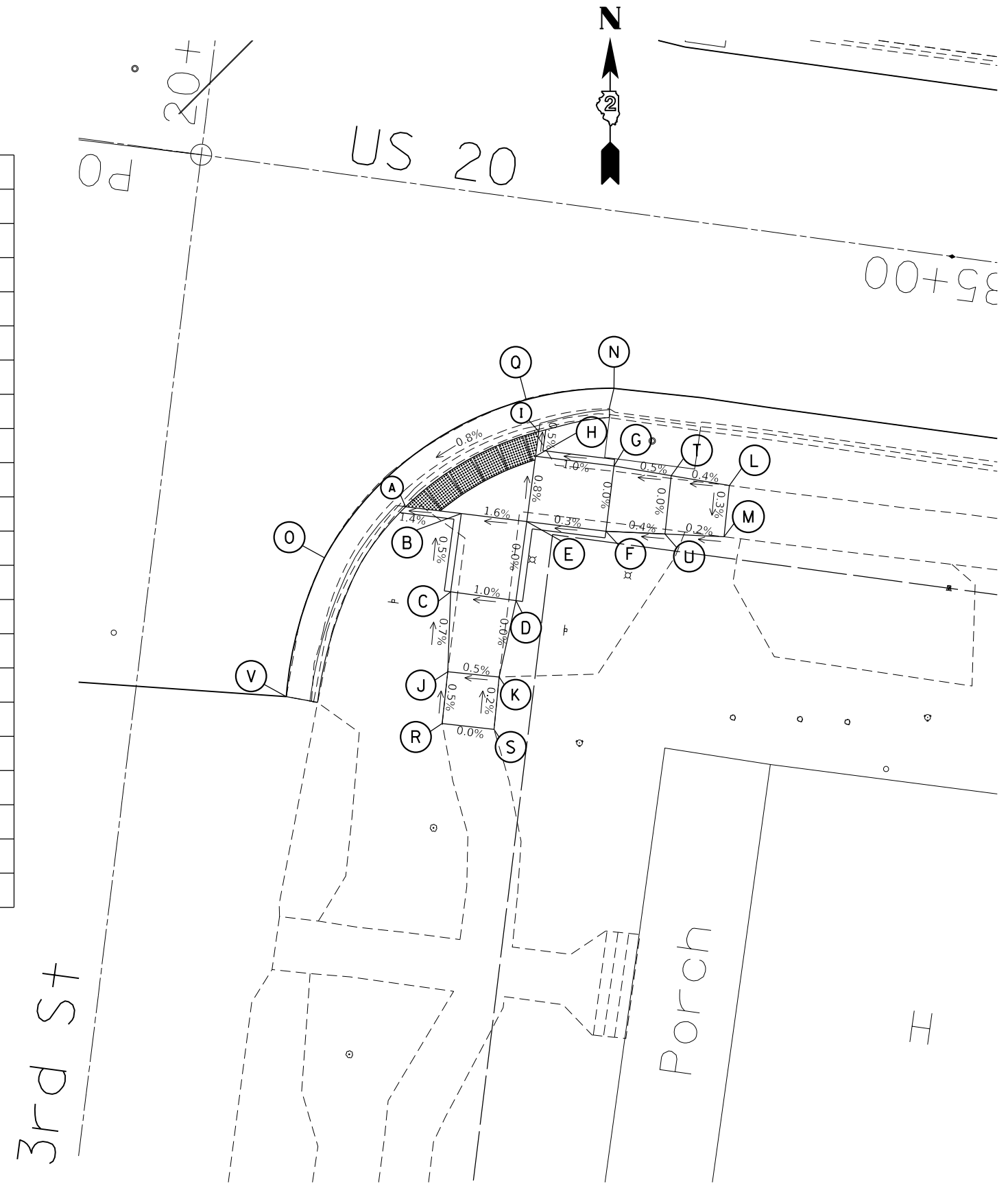
# US 20 & 3RD ST - SW QUADRANT



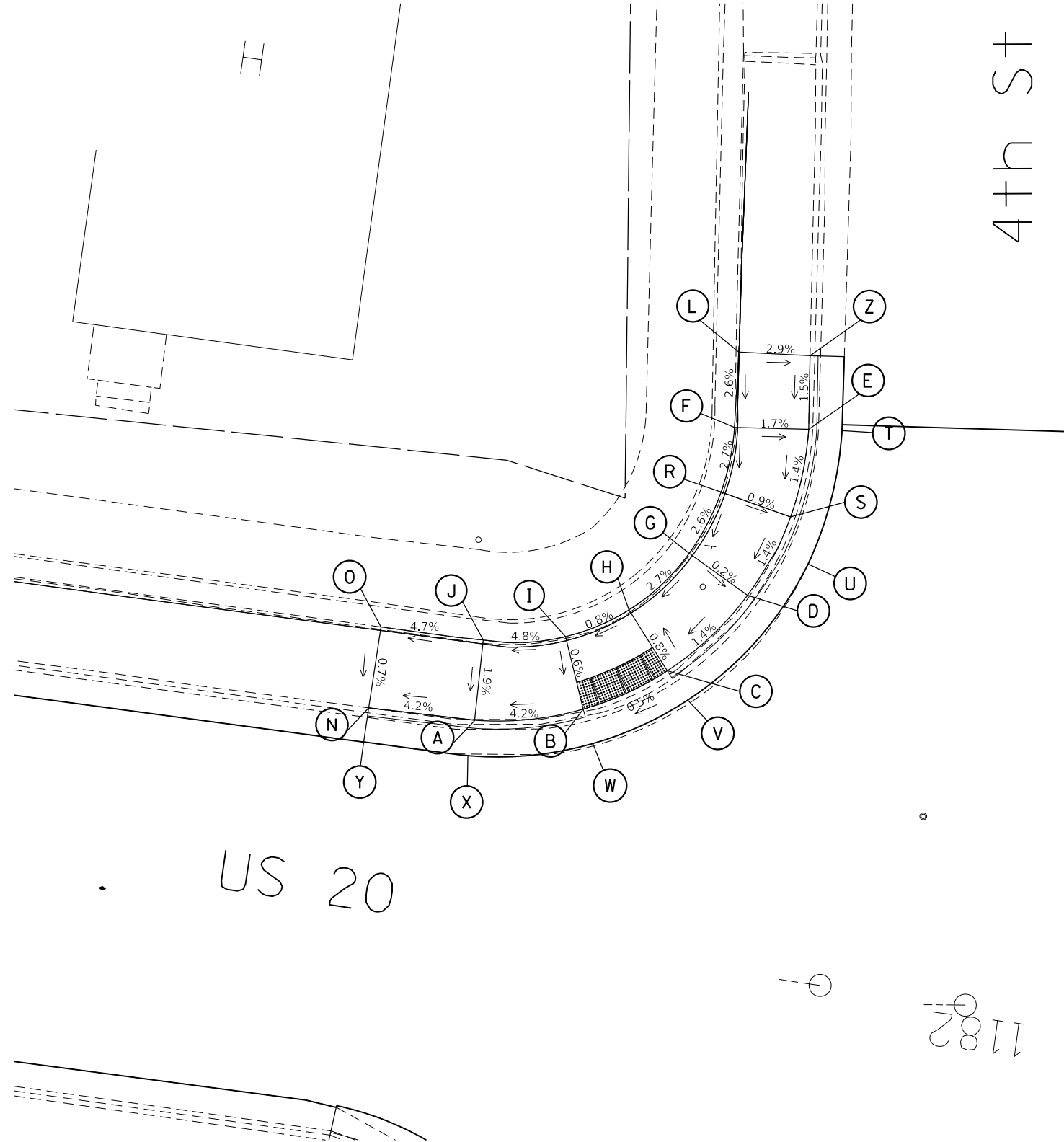
POINT	STATION	OFFSET	SIDE	ELEVATION
A	1185+92.00	24.85	LT	640.31
B	1185+97.47	19.92	LT	640.23
C	1185+99.47	19.94	LT	640.26
D	1185+99.46	24.94	LT	640.3
E	1185+97.47	24.92	LT	640.31
F	1185+97.47	26.92	LT	640.33
G	1185+92.47	26.85	LT	640.33
H	1185+92.47	30.92	LT	640.51
I	1185+97.47	30.92	LT	640.51
J	1185+94.14	39.31	LT	640.49
K	1185+97.99	39.15	LT	640.47
L	1185+86.83	28.08	LT	640.47
M	1186+04.14	14.16	LT	640.06
N	1186+03.53	20	LT	640.34
O	1186+03.47	25	LT	640.41
P	1186+10.98	20.73	LT	640.243
Q	1186+11.02	23.65	LT	640.31
R	1185+92.89	20.2	LT	640.32
S	1186+01.39	15.04	LT	640.15

# US 20 & 3RD ST - SE QUADRANT

POINT	STATION	OFFSET	SIDE	ELEVATION
A	1185+48.20	24.41	LT	641.23
B	1185+43.93	24.35	LT	641.29
C	1185+43.93	30.35	LT	641.32
D	1185+38.93	30.35	LT	641.37
E	1185+38.93	24.29	LT	641.37
F	1185+32.87	24.21	LT	641.39
G	1185+32.93	19.21	LT	641.39
H	1185+38.93	19.29	LT	641.33
I	1185+38.93	17.39	LT	641.32
J	1185+43.35	36.4	LT	641.36
K	1185+39.42	36.27	LT	641.37
L	1185+24.04	19.51	LT	641.43
M	1185+23.92	23.41	LT	641.42
N	1185+33.72	13.36	LT	641.48
O	1185+53.79	29.08	LT	641.2
Q	1185+40.20	15.12	LT	641.4
R	1185+43.23	40.35	LT	641.38
S	1185+39.27	40.26	LT	641.38
T	1185+28.52	19.36	LT	641.41
U	1185+28.39	23.81	LT	641.41
V	1185+55.25	39.91	LT	640.91



# US 20 & 4TH ST - NW QUADRANT



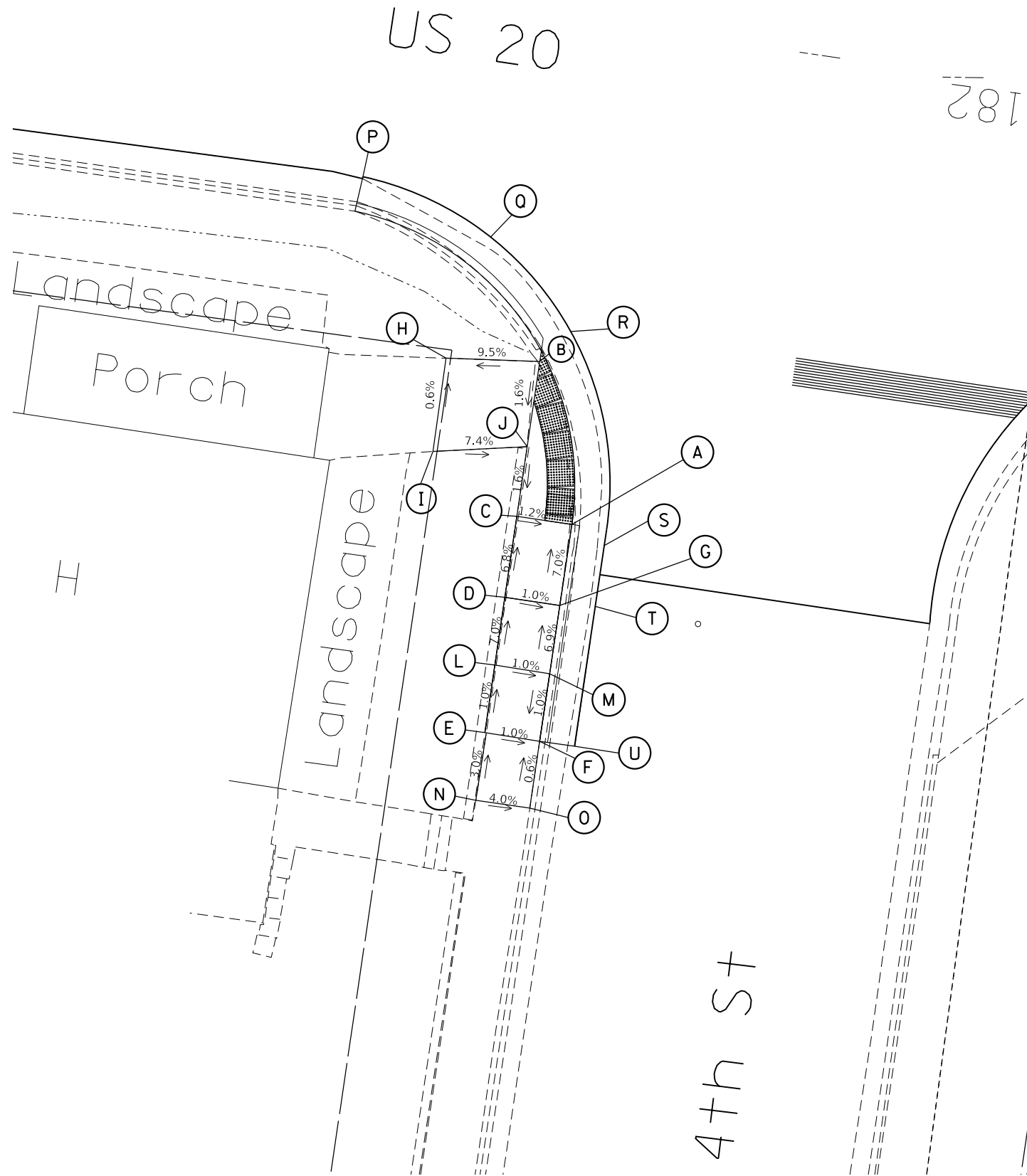
POINT	STATION	OFFSET	SIDE	ELEVATION
A	1182+44.56	15.64	RT	653.73
B	1182+36.89	17.49	RT	654.06
C	1182+31.24	21.05	RT	654.17
D	1182+26.24	27.24	RT	654.28
E	1182+23.46	39.72	RT	654.46
F	1182+28.79	39.14	RT	654.55
G	1182+30.81	29.67	RT	654.29
H	1182+34.57	25.04	RT	654.13
I	1182+38.86	22.51	RT	654.09
J	1182+44.73	21.47	RT	653.8
L	1182+29.22	44.57	RT	654.69
N	1182+52.26	15.5	RT	653.41
O	1182+52.18	21.42	RT	653.45
R	1182+29.12	34.38	RT	654.42
S	1182+23.91	33.27	RT	654.37
T	1182+21.06	39.94	RT	654.44
U	1182+22.19	30.07	RT	654.35
V	1182+29.50	19.15	RT	654.17
W	1182+35.87	15.11	RT	654.07
X	1182+44.71	13.05	RT	653.54
Y	1182+52.30	13	RT	653
Z	1182+24.08	45	RT	654.54

1182

US 20

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 20 &amp; 4TH ST - NW QUADRANT ADA RAMP DETAIL</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2018\2018-08-15-ADA Ramp	PLotted	DATA	REVISION				301	29RS-7	JO DAVIESS	65	52
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		SCALE:		CONTRACT NO. 64K59		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 12/6/2018	DATE -	REVISED -		SHEET	OF	SHEETS	STA.	TO	STA.	

# US 20 & 4TH ST - SW QUADRANT



POINT	STATION	OFFSET	SIDE	ELEVATION
A	1182+32.13	36.47	LT	654.39
B	1182+36.05	24.96	LT	654.62
C	1182+36.19	36.42	LT	654.44
D	1182+36.27	42.42	LT	654.85
E	1182+36.39	52.43	LT	655.25
F	1182+32.33	52.52	LT	655.21
G	1182+32.21	42.47	LT	654.81
H	1182+42.89	25.63	LT	653.97
I	1182+42.92	32.53	LT	654.01
J	1182+36.13	31.26	LT	654.52
L	1182+36.33	47.43	LT	655.2
M	1182+32.27	47.52	LT	655.16
N	1182+36.38	57.44	LT	655.4
O	1182+32.39	57.47	LT	655.24
P	1182+50.71	13.29	LT	653.11
Q	1182+40.84	16.42	LT	653.75
R	1182+34.10	22.48	LT	654.19
S	1182+29.56	37.68	LT	654.94
T	1182+29.62	42.18	LT	655.04
U	1182+29.75	52.54	LT	654.94

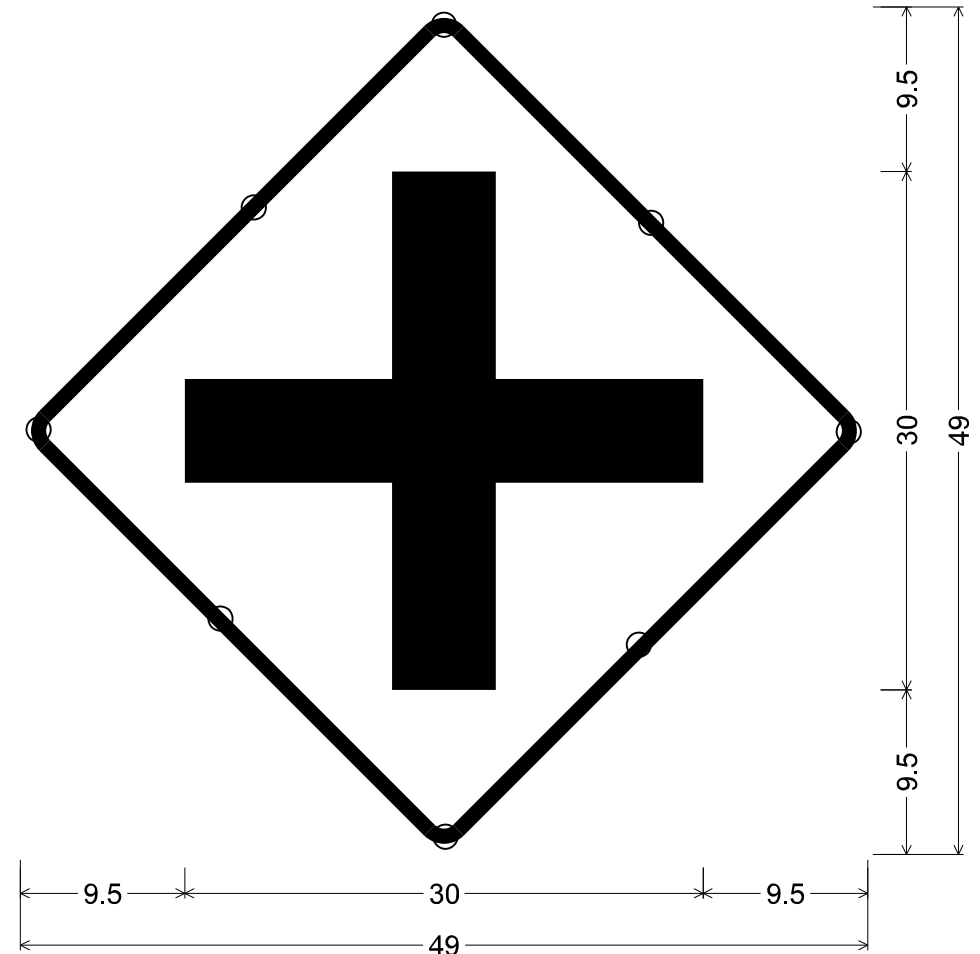
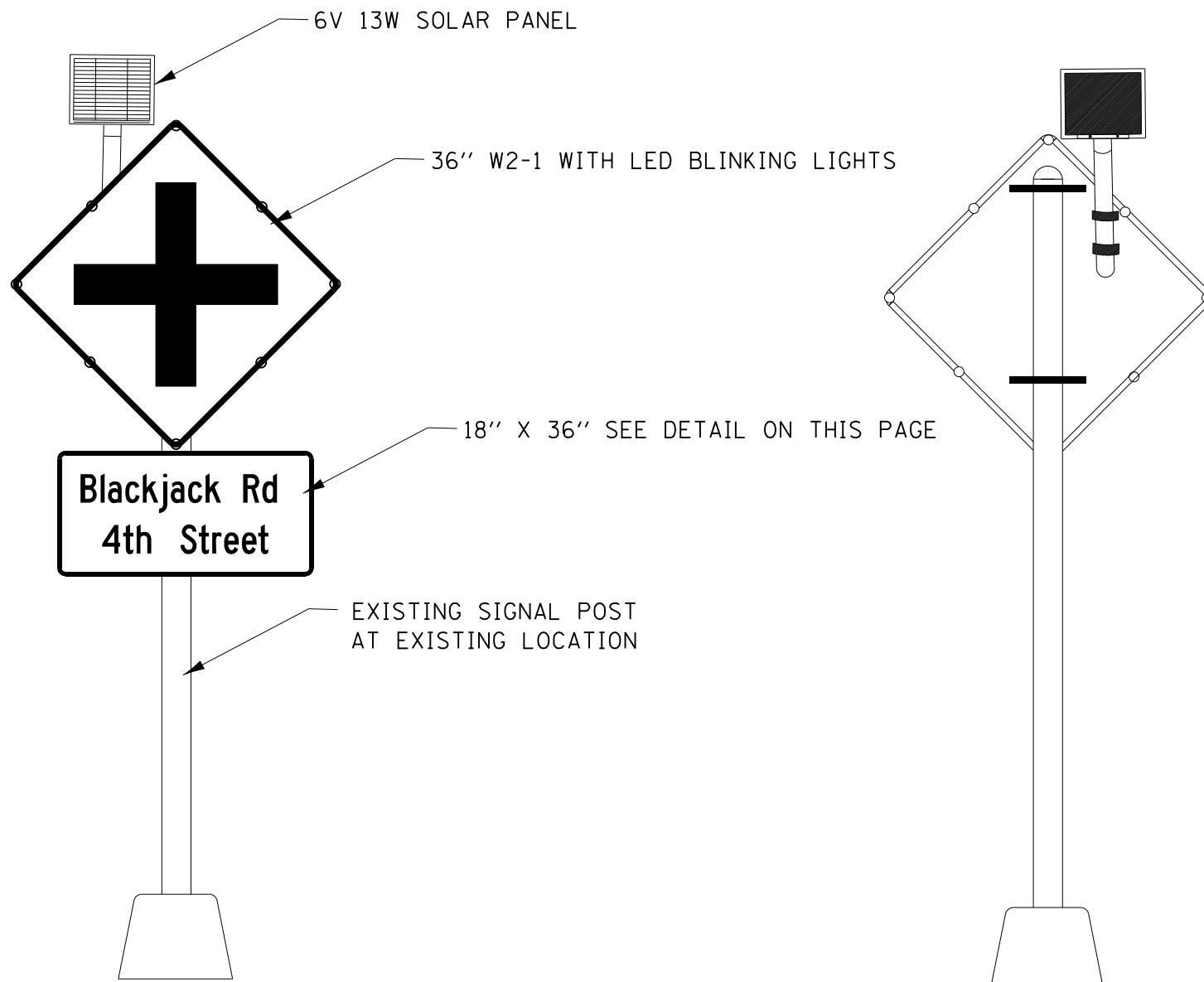
FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG Illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2018\Drawings\DOT\084EBID\084EBID-ADA Ramp\084EBID-ADA Ramp.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

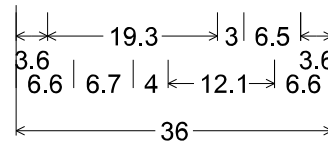
**US 20 & 4TH ST - SW QUADRANT  
ADA RAMP DETAIL**

SCALE:     SHEET   OF   SHEETS   STA.     TO STA.

F.A.P. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	53
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K59	



W2-1\_36x36; WITH BLINKING LED LIGHTS  
 36.0" across sides 2.3" Radius, 0.9" Border, 0.6" Indent, Black on Yellow;  
 CROSS ROAD;



1.5" Radius, 0.6" Border, 0.4" Indent, Black on Yellow;  
 [Blackjack Rd-] C 2K 85% spacing;  
 [4th Street] C 2K;

Table of widths and spaces.

3.6	B	2.2	0.5	l	0.6	0.4	a	1.9	0.5	c	2.0	0.4	k	2.2	0.1	j	1.1	0.5	a	1.9	0.5	c	2.0	0.4	k	2.1
				R			d			-																
				3.0			2.3			0.4																
				4			t			h																
				6.6			2.4			0.4																
							S			t																
							4.0			2.3																
										0.2																
										1.5																
										0.4																
										1.3																
										0.3																
										e																
										2.1																
										0.4																
										e																
										2.0																
										0.2																
										t																
										1.4																
										6.6																

**NOTE:**

THE EXISTING SIGNS SHALL BE REMOVED AND PAID FOR AS REMOVE SIGN PANEL TYPE 1 (SQ FT).

THE PROPOSED SIGN PANELS SHALL BE PLACED ON THE EXISTING POST AND PAID FOR AS ILLUMINATED SIGN, LED (EACH) AND SIGN PANEL TYPE 1 (SQ FT).

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\P2018\Drawings\02\0615-sht-standards			
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

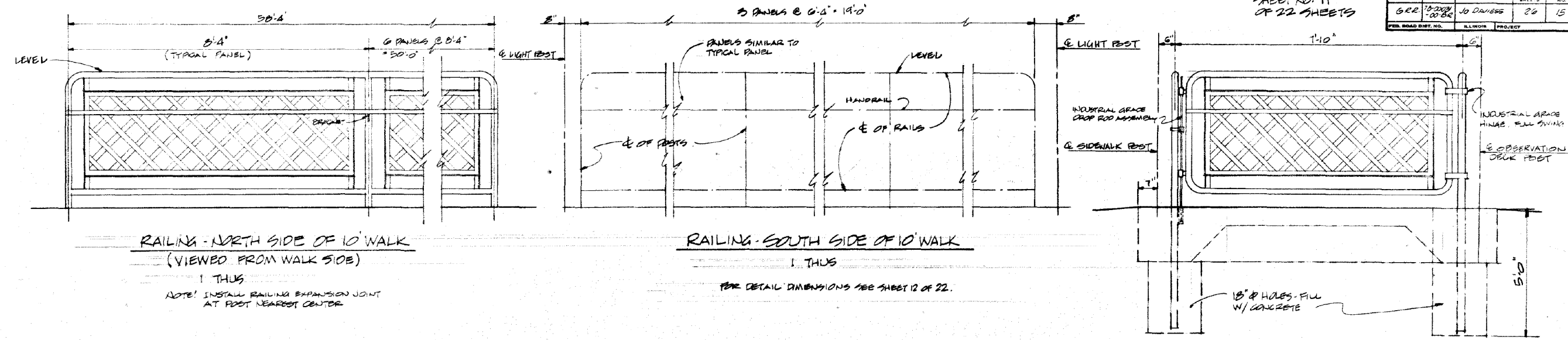
**ILLUMINATED SIGN, LED DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	54
CONTRACT NO. 64K59			ILLINOIS FED. AID PROJECT	

SHEET NO. 11  
OF 22 SHEETS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
GR-5	29RS-7	JO DAVIESS	65	55
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

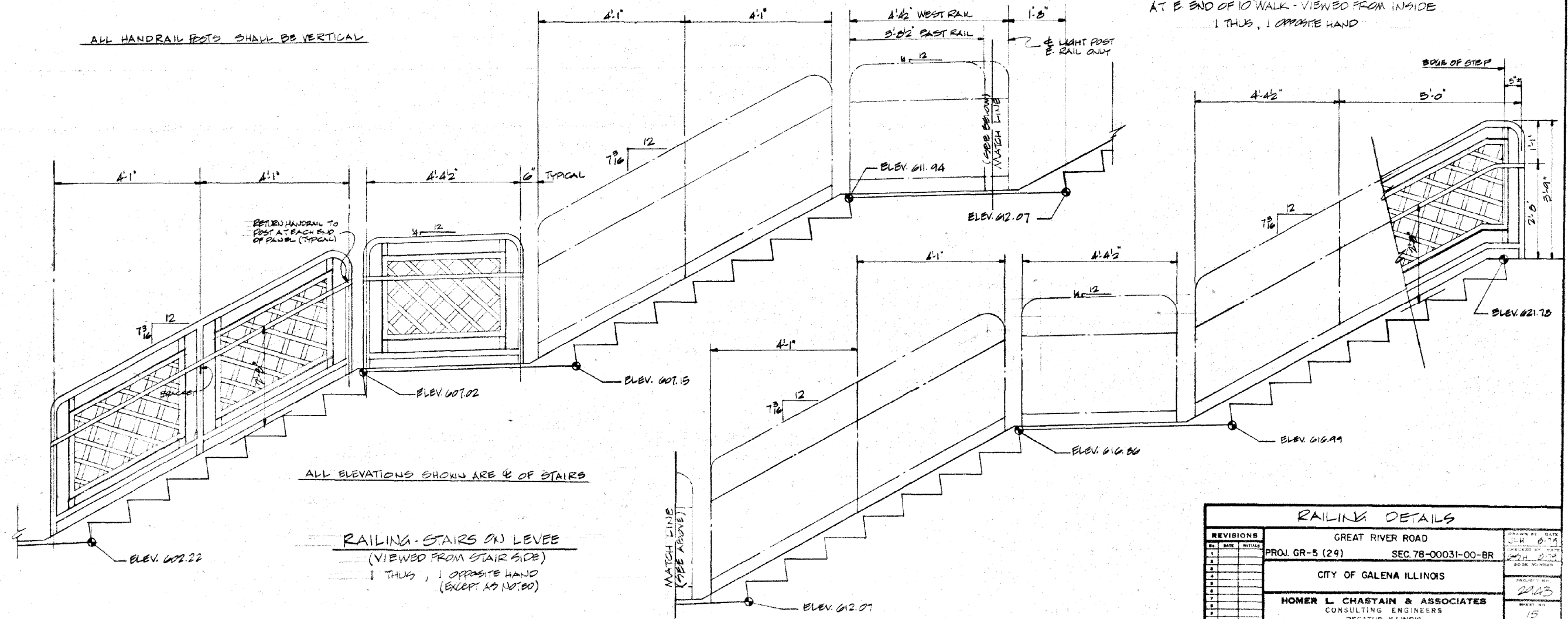


**RAILING - NORTH SIDE OF 10' WALK**  
(VIEWED FROM WALK SIDE)  
1 THIS  
NOTE: INSTALL RAILING EXPANSION JOINT AT POST NEAREST CENTER

**RAILING - SOUTH SIDE OF 10' WALK**  
1 THIS  
FOR DETAIL DIMENSIONS SEE SHEET 12 OF 22.

**DATE AT 10' WALK**  
AT E END OF 10' WALK - VIEWED FROM INSIDE  
1 THIS, 1 OPPOSITE HAND

ALL HANDRAIL POSTS SHALL BE VERTICAL



**RAILING - STAIRS ON LEVEL**  
(VIEWED FROM STAIR SIDE)  
1 THIS, 1 OPPOSITE HAND (EXCEPT AS NOTED)

REVISIONS			GREAT RIVER ROAD		DRAWN BY DATE
1			PROJ. GR-5 (29)	SEC. 78-00031-00-BR	JSR 6-78
2			CITY OF GALENA ILLINOIS		CHECKED BY DATE
3			HOMER L. CHASTAIN & ASSOCIATES		MSL 2-18
4			CONSULTING ENGINEERS		SCALE NUMBER
5			DECATUR, ILLINOIS		243
6					15

MODEL: Default  
 FILE: \\nas01\paulba\BIBID\ITC\Illinois\gov\p\p\DOT\Documents\DOT - Office\Director 2\Projects\2006\5\CAD\DATA\CAD\here\2006\5\spc-standard.dwg  
 PLOT SCALE = 100,0000' / in.  
 PLOT DATE = 12/6/2018

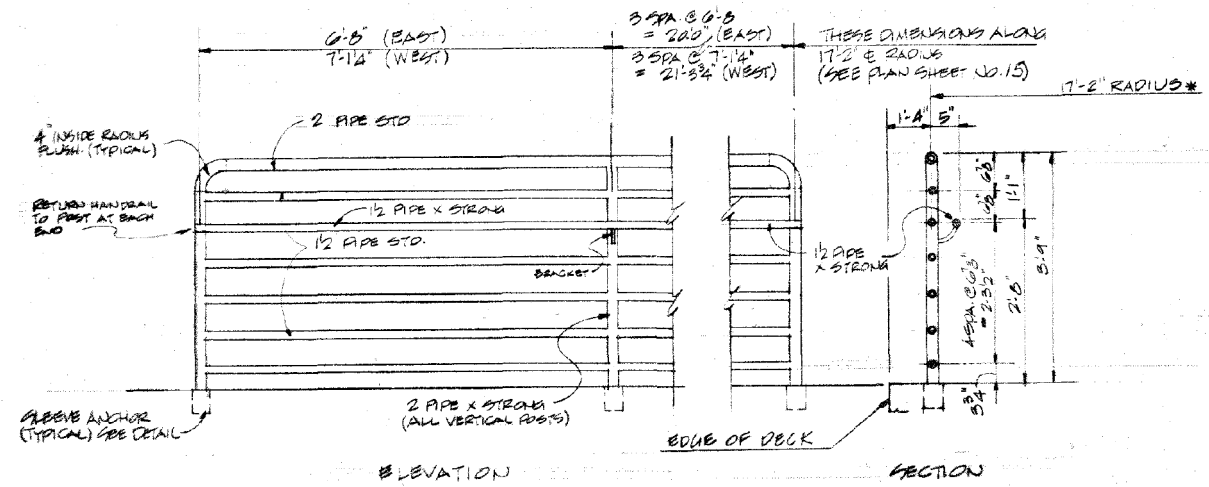
USER NAME = Karkir	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

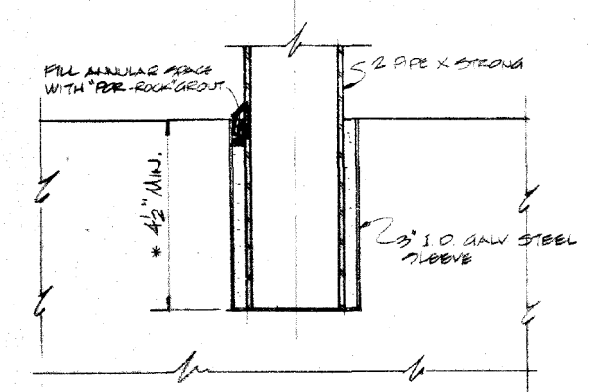
PIPE HANDRAIL, SPECIAL DETAIL  
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	55
CONTRACT NO. 64K59				
ILLINOIS FED. AID PROJECT				

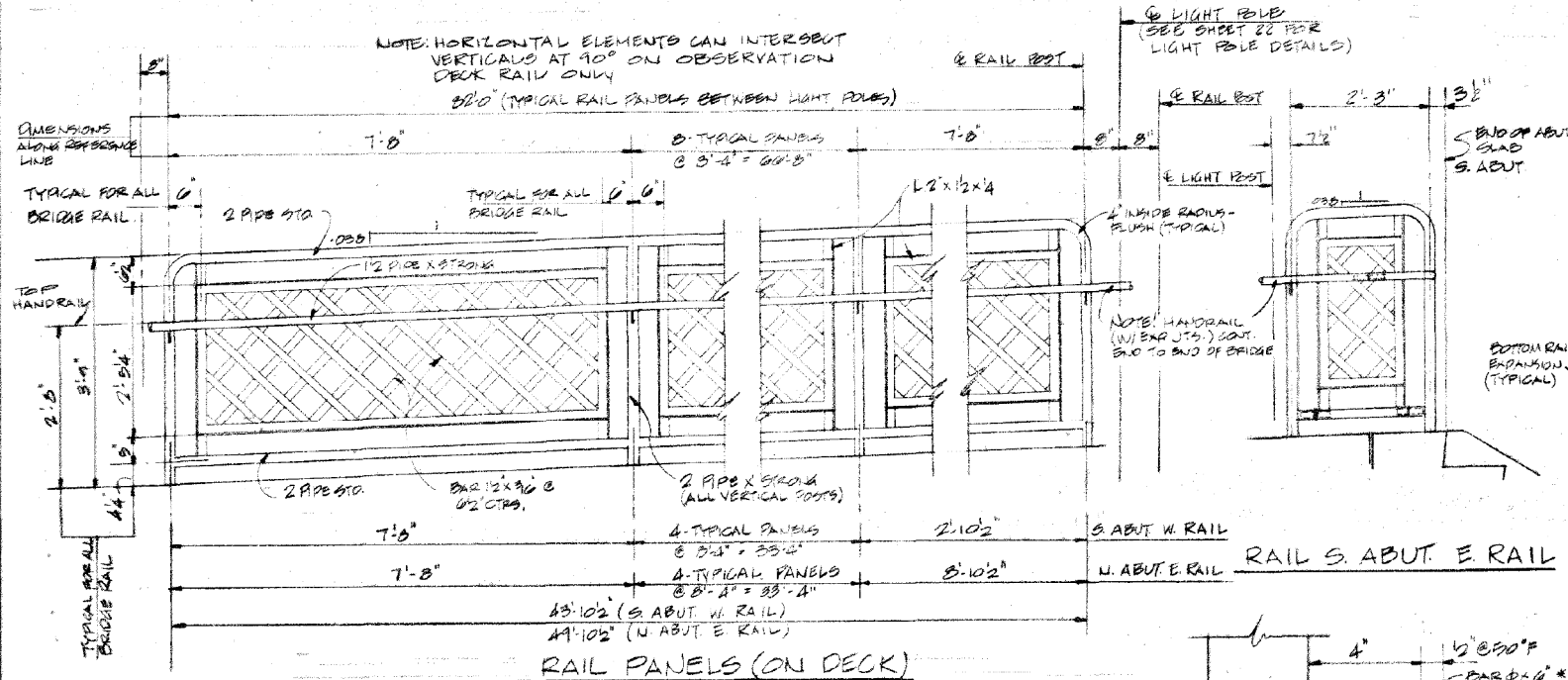
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
G.R.R.	78-0003/00-08	JO DAVIESS	20	16
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



**RAIL AT OBSERVATION DECK**  
(VIEWED FROM DECK)

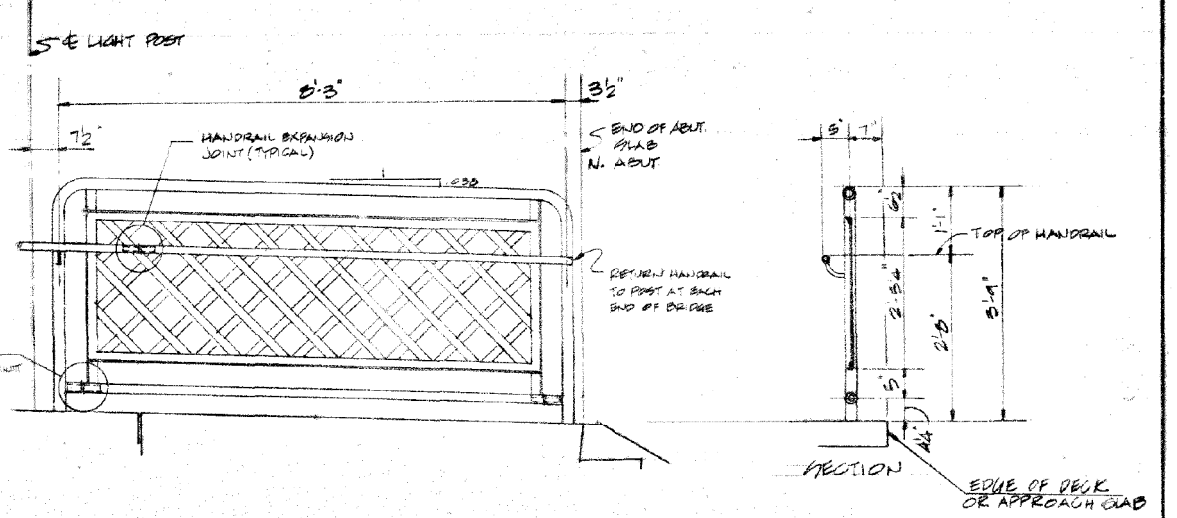


**DETAIL OF RAIL POST SLEEVE ANCHOR**  
(TYPICAL AT ALL RAIL POSTS)  
\* 6" MIN. FOR OBSERVATION RAIL ONLY



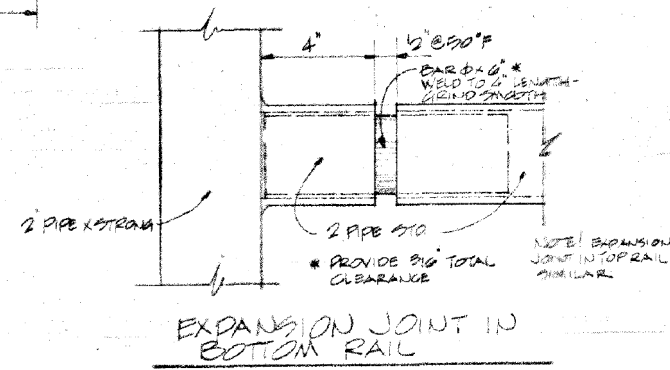
**RAIL PANELS (ON DECK)**

3 REQUIRED AS SHOWN (82'-0" LENGTH), 3 OPP. HAND  
1 REQUIRED AS SHOWN (43'-10 1/2" LENGTH)  
1 REQUIRED OPP. HAND (44'-10 1/2" LENGTH)  
NOTE! EXPANSION JOINT IS REQUIRED NEAR VERTICAL RAIL POST NEAREST CENTER OF 82'-0" LENGTH. EXPANSION JOINT REQUIRED IN HANDRAIL AT THIS LOCATION.

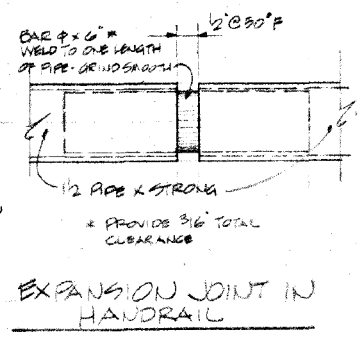


**RAIL S. ABUT. E. RAIL**

**RAIL N. ABUT. W. RAIL**



**EXPANSION JOINT IN BOTTOM RAIL**



**EXPANSION JOINT IN HANDRAIL**

REVISIONS		GREAT RIVER ROAD		OWNER BY STATE
1	DATE	PROJECT NO.	SEC. 78-0003/00-08	PROJECT NO.
2	DATE	CITY OF GALENA ILLINOIS		SHOP NUMBER
3	DATE	HOMER L. CHASTAIN & ASSOCIATES		PROJECT NO.
4	DATE	CONSULTING ENGINEERS		SHEET NO.
5	DATE	DECATUR, ILLINOIS		16

MODEL: Default  
 FILE: \\paul01\BAREID\ITC\Illinois\proj\PHD\DOT\Documents\1201\120100015-SPH-standard.dwg  
 PROJECT: PHD\DOT\Documents\1201\120100015-SPH-standard.dwg  
 OFFICE: D:\1201\120100015-SPH-standard.dwg

USER NAME = Karkir	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

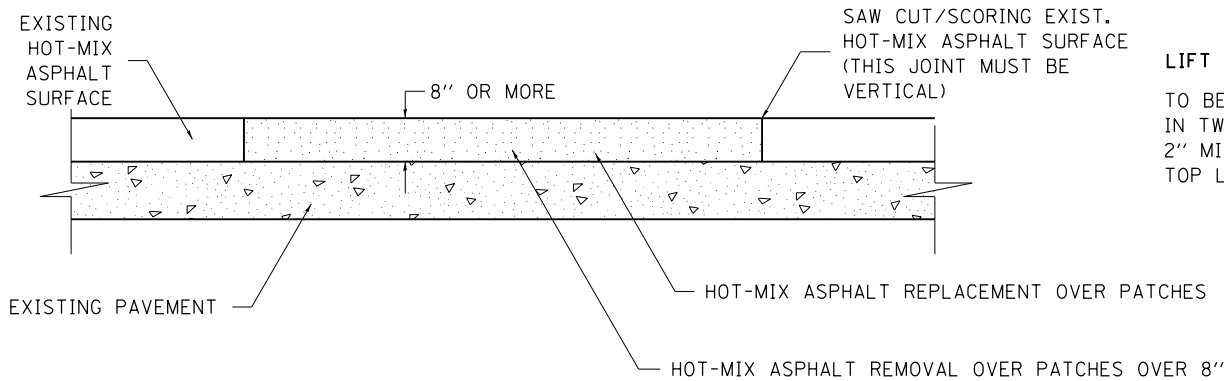
PIPE HANDRAIL, SPECIAL DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-7	JO DAVIESS	65	56
CONTRACT NO. 64K59			ILLINOIS FED. AID PROJECT	



# PAVEMENT PATCHING DETAIL



**LIFT PLACEMENT:**  
TO BE PLACED  
IN TWO LIFTS WITH  
2" MIN. COMPACTED  
TOP LIFT.

- SEQUENCE OF CONSTRUCTION:**
1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
  2. REPLACE HOT-MIX ASPHALT SURFACE.

- GENERAL NOTES:**
1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		301	29RS-7	JO DAVIESS	65	57
REVISED -		<b>CONTRACT NO. 64K59</b>				
REVISED -		SCALE: 100.0000' / 1" = 100'	SHEET NO.	OF SHEETS	STA.	TO STA.

PLOT DATE = 12/6/2018



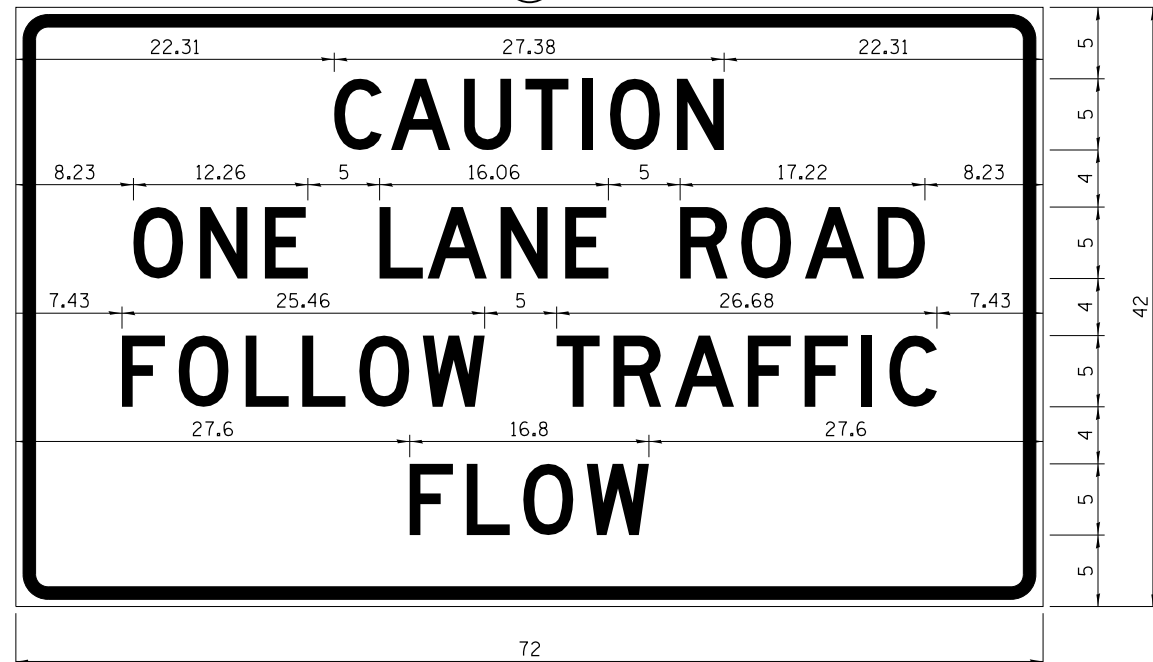




**ENTRANCE SIGN FOR USE  
WITH TEMPORARY SIGNALS**

**WORK ZONE SIGN DETAILS**

②



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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

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

**Table Of Widths And Spaces**

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

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

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

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

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

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

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

Sign not to scale

**GENERAL NOTES**

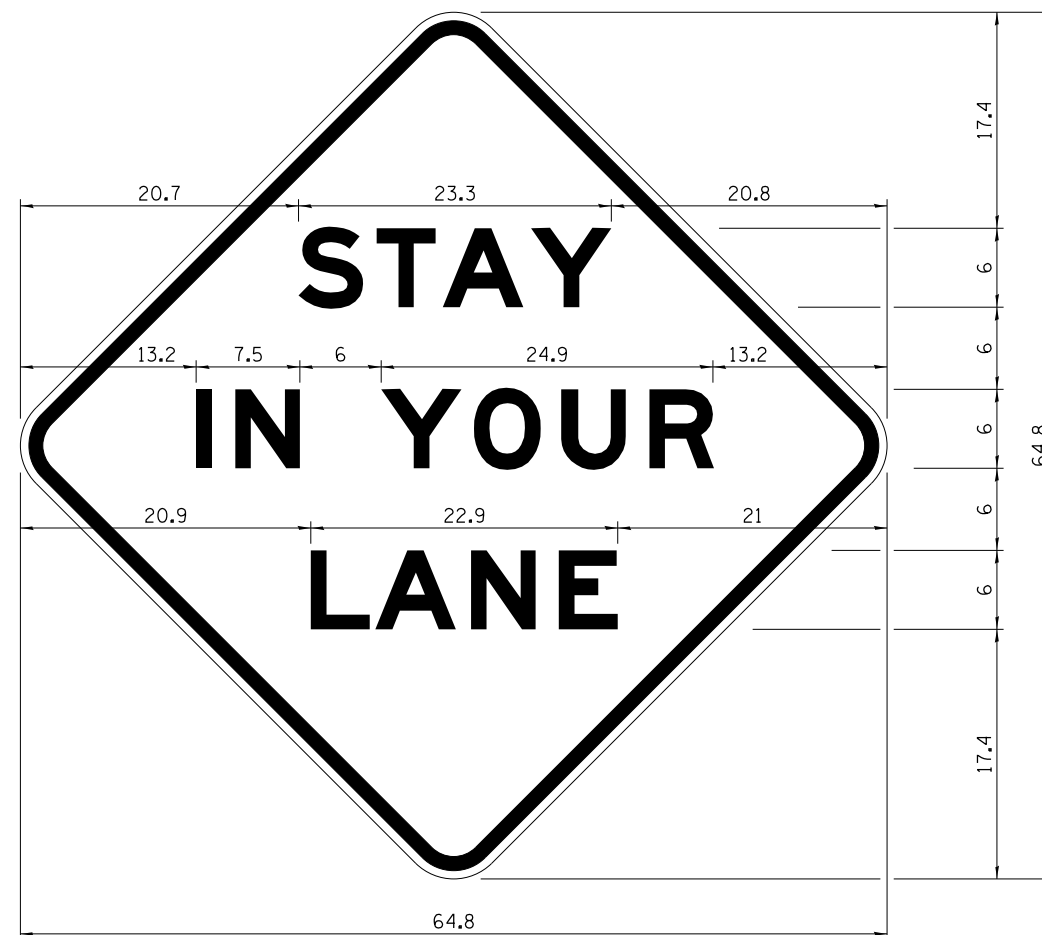
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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

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

All dimensions are in inches unless otherwise noted.

**STAY IN YOUR LANE**



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

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

**Table of Letter and Object Lefts**

S	T	A	Y
20.7	26.8	31.6	38.0

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

L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\1\084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 2\Projects\2206\Drawings\CAD\Drawings\220615-shr-standards	DESIGNED -	REVISED -	301			29RS-7	JO DAVIESS	65	61	
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -	CONTRACT NO. 64K59							
PLOT DATE = 12/6/2018	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

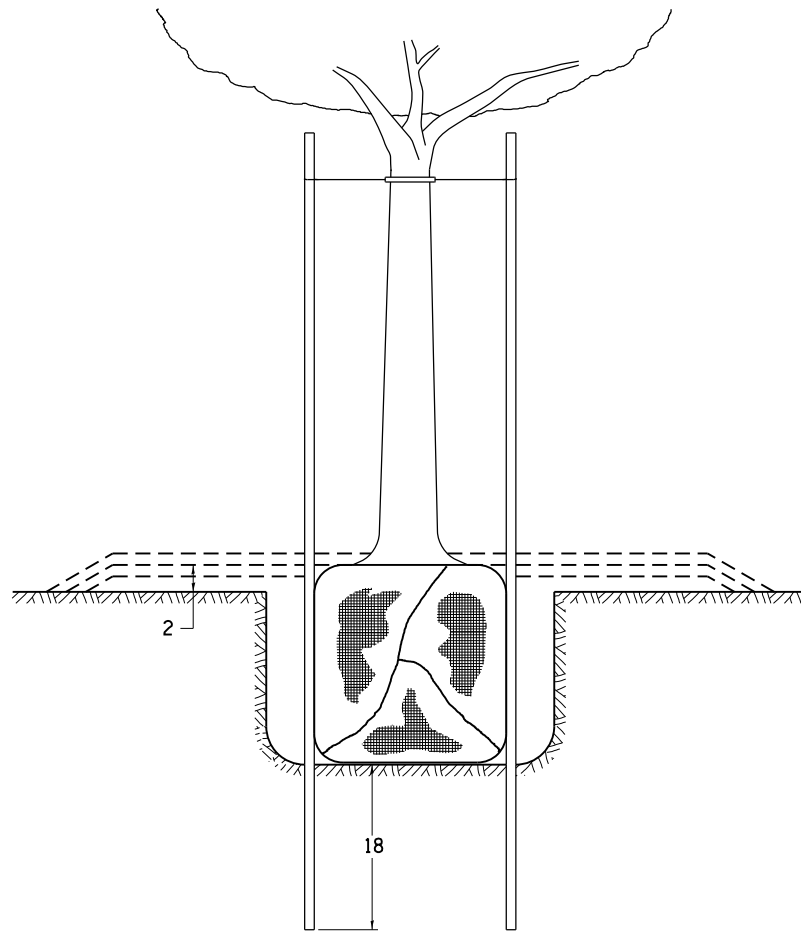




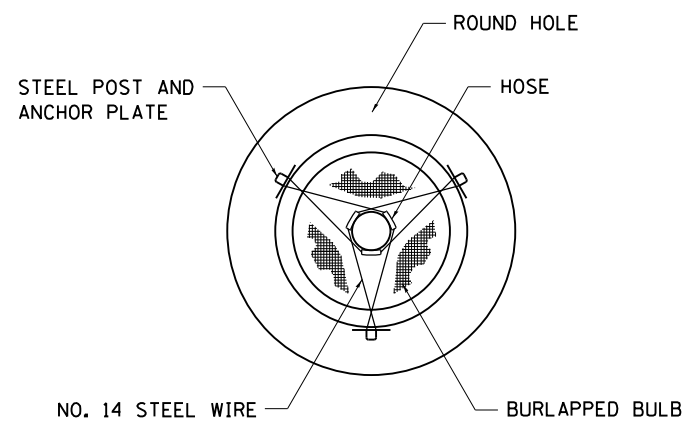




# DETAILS OF PLANTING AND BRACING TREES

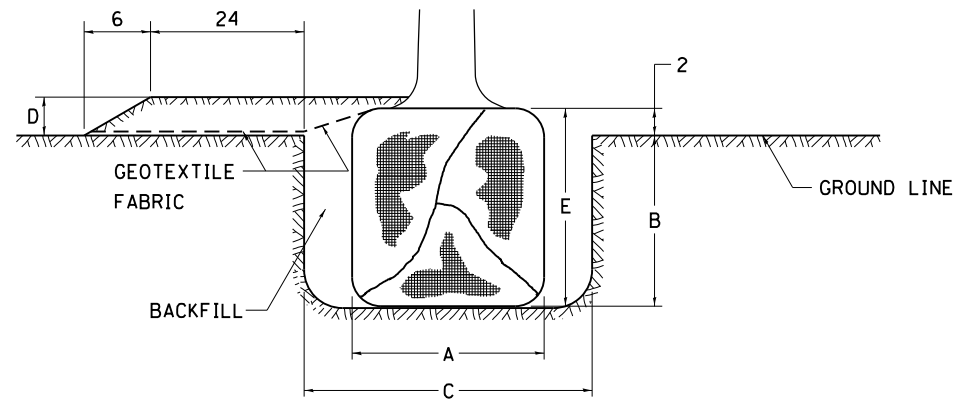


TREES SMALLER THAN 4 1/2 IN DIAMETER

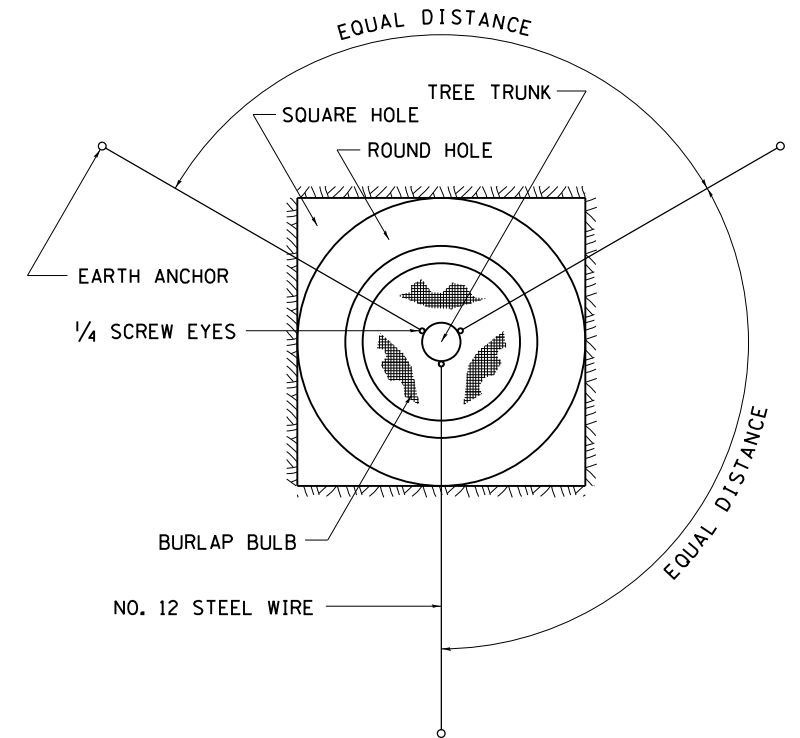


SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10'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

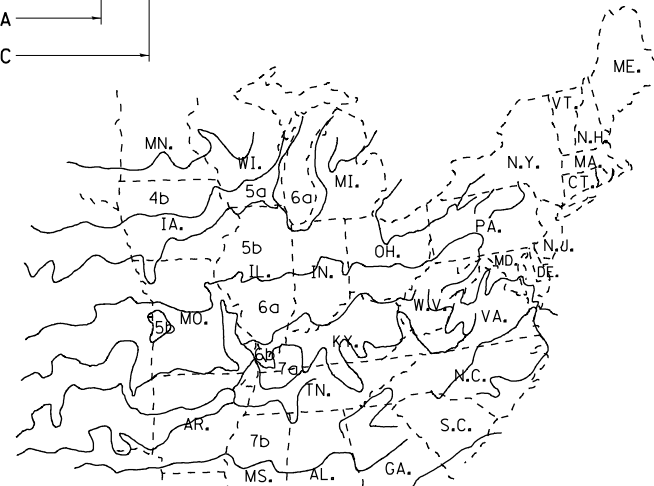
LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
0-2	20	11	36	4	13	0.61
2-2 1/2 BB	24	14	48	4	16	0.78
2 1/2-3 BB	28	17	48	4	19	0.78
3-3 1/2 BB	32	17	60	4	19	0.96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



TREES OVER 4 1/2 IN DIAMETER



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



PLANT HARDINESS ZONE MAP  
U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
PUBLICATION NO. 814

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED - 10-18-11
p:\1\084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2200\Drawings\CADsheets\200615-shr-standards		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-7	JO DAVIESS	65	65
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K59	