

04-27-2018 LETTING ITEM 062

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

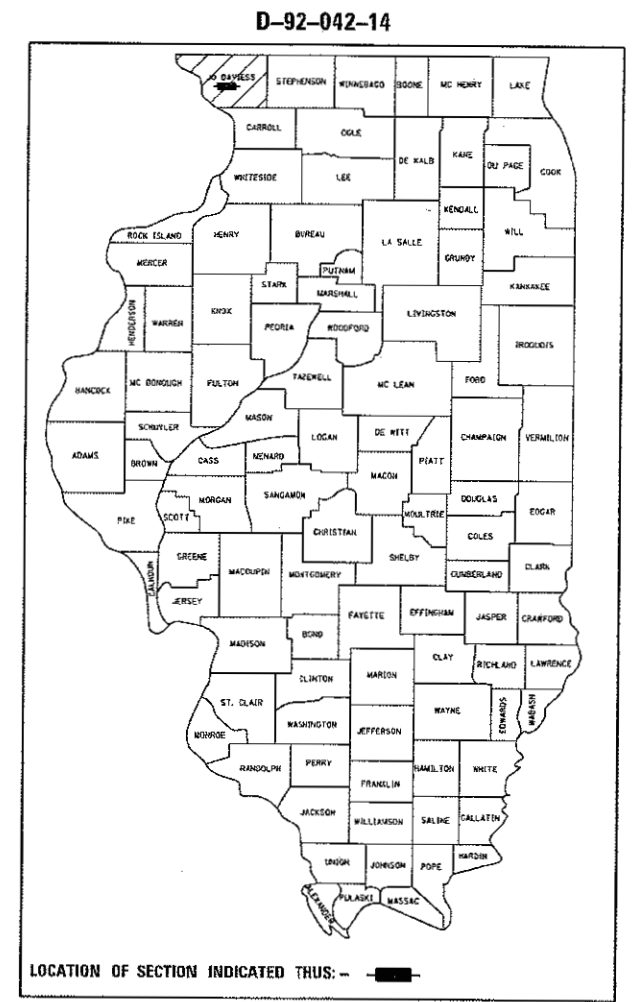
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	96	1
ILLINOIS			CONTRACT NO. 64K22	

PROJECT ENGINEER: STEVE ROBERY

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

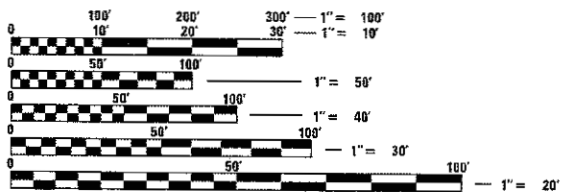
PROPOSED HIGHWAY PLANS

FAP 301 (US 20)
SECTION 29RS-6
PROJECT NHPP-HSIP-RID0(387)
PAVEMENT RESURFACING
JO DAVIESS COUNTY
C-92-064-17



SQUAD ENGINEER: COREY CONDERMAN (815)-284-5936

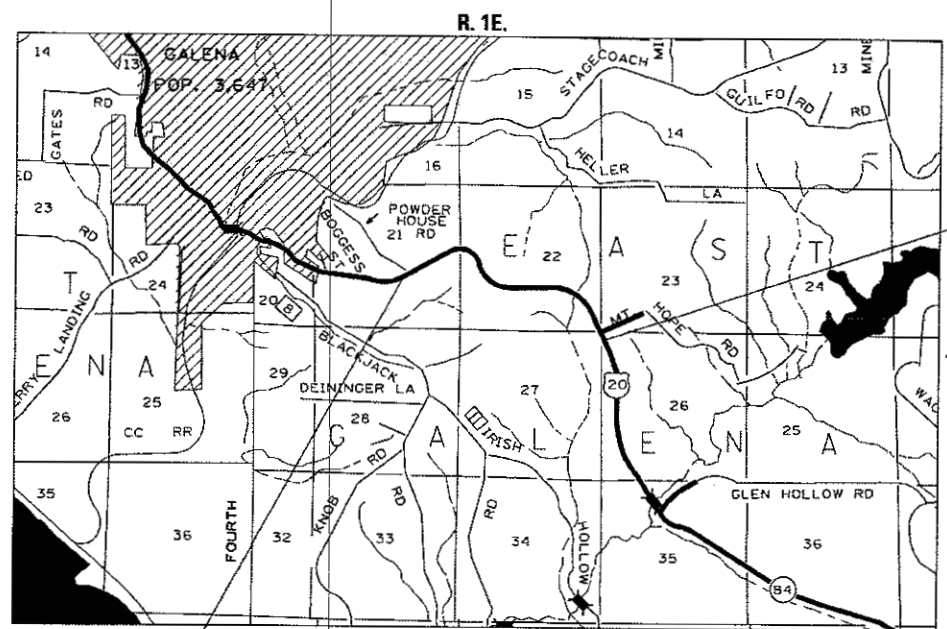
EAST GALENA TOWNSHIP 21, 22, 26, & 27



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: STEVE ROBERY
SENIOR SQUAD LEADER: ANDY LEE (815) 284-5343
SQUAD ENGINEER: COREY CONDERMAN (815) 284-5936
CONTRACT NO. 64K22



SECTION BEGINS
STA 1027+32

SECTION ENDS
STA 1125+31

GROSS LENGTH = 9,799 FT. = 1.86 MILES
NET LENGTH = 9,799 FT. = 1.86 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Jan 25th 20 18
Kevin Marchek
REGIONAL ENGINEER

Mar 23 20 18
David P. [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 23 20 18
David P. [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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- 642006 Shoulder Rumble Strips, 8 in.
- 701001 - 02 Off-Road Operations, 2L, 2W, More Than 15' Away
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- 701311 - 03 Lane Closure, 2L, 2W, Moving Operations - Day Only
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- 701701 - 10 Urban Lane Closure, Multilane Intersection
- 701901 - 07 Traffic Control Devices
- 720011 - 01 Metal Posts for Signs, Markers and Delineators
- 728001 - 01 Telescoping Steel Sign Support
- 729001 - 01 Applications of Types A and B Metal Posts (For Signs & Markers)
- 780001 - 05 Typical Pavement Markings
- 781001 - 04 Typical Applications Raised Reflective Pavement Markers

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS /STATE STANDARDS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K22	

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.

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. This work will be included in the contract unit price per Square Yard for HOT-MIX ASPHALT SHOULDERS, 5¾".

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 HOT-MIX ASPHALT SHOULDERS, 5¾".

Mulch Method II shall be applied over all seeded areas. This shall be included in the cost of the HOT-MIX ASPHALT SHOULDERS, 5¾".

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.

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 and Mixture Uses(s):	Resurfacing			Shoulders		All Lower Lifts
	Surface	Surface	Level Binder	Top Lift	Top Lift	
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids	4.0 @ N70	4.0 @ N70	4.0 @ N70	3.0 @ N50	4.0 @ N70	2.0 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5	IL 9.5	IL 9.5FG	IL 9.5	IL 9.5	IL 19.0
Friction Aggregate	D	F	N/A	C	F	N/A
20 Year ESAL	4.0	4.0	4.0	N/A	N/A	N/A
Mix Unit Weight	112 lbs/sy/in	123 lbs/sy/in		112 lbs/sy/in	123 lbs/sy/in	
Quality Management Program to be Used	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
Sublot Tonnage	N/A	N/A	N/A	N/A	N/A	N/A
Number of Roller Passes	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: IFIT to be done early on N70 Level Binder (Machine Method) and Surface.

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

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

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

Reflective Crack Control shall be placed on the existing surface prior to any resurfacing, unless pavement is milled then it will be placed on the binder course.

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.

If, during the grinding or resurfacing operations, the existing mailboxes become a hindrance, the Contractor shall be required to carefully remove and reinstall the mailboxes as directed by the Engineer. This work shall be included in the contract unit price for the INCIDENTAL HOT-MIX ASPHALT SURFACING.

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.

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

- All words, such as ONLY, shall be 8 feet high.
- All non-freeway arrows shall be the large size.
- 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.
- Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

Aggregate Base Course, Type B, is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

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

Jo Carroll Energy, 815-273-2222
NICOR Gas, 630-388-3046
City of Galena, 815-777-1050

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

FILE NAME = GENERAL NOTES FORM.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	FAP	SECTION	County	TOTAL SHEETS	SHEET NO.	
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						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

GENERAL NOTES

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

Tie the following to the existing concrete pavement		Length, size, and spacing of Tie Bars
Gutter or Curb & Gutter	Std. 606001	24" long No. 6 @ 24" centers
PCC Base Course	Std. 353001	24" long No. 6 @ 30" centers
PCC Pavement	Std. 420101	24" long No. 6 @ 30" 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.

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.

All material and work needed to build up the slopes disturbed by the construction of the new HMA shoulders and aggregate subgrade, shall be considered incidental to the HOT-MIX ASPHALT SHOULDERS, 5¼" pay item and will not be paid for separately.

FILE NAME = GENERAL NOTES FORM.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	FAP	SECTION	County	TOTAL SHEETS	SHEET NO.				
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						SCALE:	SHEET NO.	OF	SHEETS	STA	TO STA			

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	RURAL	ROADWAY	ROADWAY
					90% FED 10% STATE HSIP 0021	80% FED 20% STATE NHPP 0005
20200100	EARTH EXCAVATION	CU YD	460			460
30300106	AGGREGATE SUBGRADE IMPROVEMENT 6"	SQ YD	2,761			2,761
35101400	AGGREGATE BASE COURSE, TYPE B	TON	26			26
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5,230			5,230
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	30,923			30,923
40600535	LEVELING BINDER (HAND METHOD), N70	TON	30			30
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	1,806			1,806
40600990	TEMPORARY RAMP	SQ YD	183			183
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	788			788
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,736			1,736
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,946			1,946
40603390	HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N70	TON	1,518		1,518	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	262			262

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	5
			CONTRACT NO. 64K22	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	RURAL TOTAL QUANTITY	ROADWAY	ROADWAY
				90% FED 10% STATE HSIP 0021	80% FED 20% STATE NHPP 0005
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	50,245		50,245
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	320		320
44002232	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 8"	SQ YD	1,759		1,759
44004250	PAVED SHOULDER REMOVAL	SQ YD	2,325		2,325
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	10,804		10,804
48203020	HOT-MIX ASPHALT SHOULDERS, 5 3/4"	SQ YD	2,325		2,325
60100080	FRENCH DRAINS	CU YD	3		3
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2		2
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	15,679	15,679	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4		4
67100100	MOBILIZATION	L SUM	1		1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	6
			CONTRACT NO. 64K22	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	RURAL	ROADWAY	ROADWAY
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70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	6		6
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11,587		11,587
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,124		1,124
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	146		146
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,130		10,130
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	304		304
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	423		423
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	36		36
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	57,811		57,811
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	247		247
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	190		190

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	7
CONTRACT NO. 64K22			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	RURAL	ROADWAY	ROADWAY
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X0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	6,858		6,858	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1			1
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	2,761			2,761
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	13,892			13,892
Z0040315	PILOT CAR	CAL DAY	1.5			1.5

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* SPECIALTY ITEM

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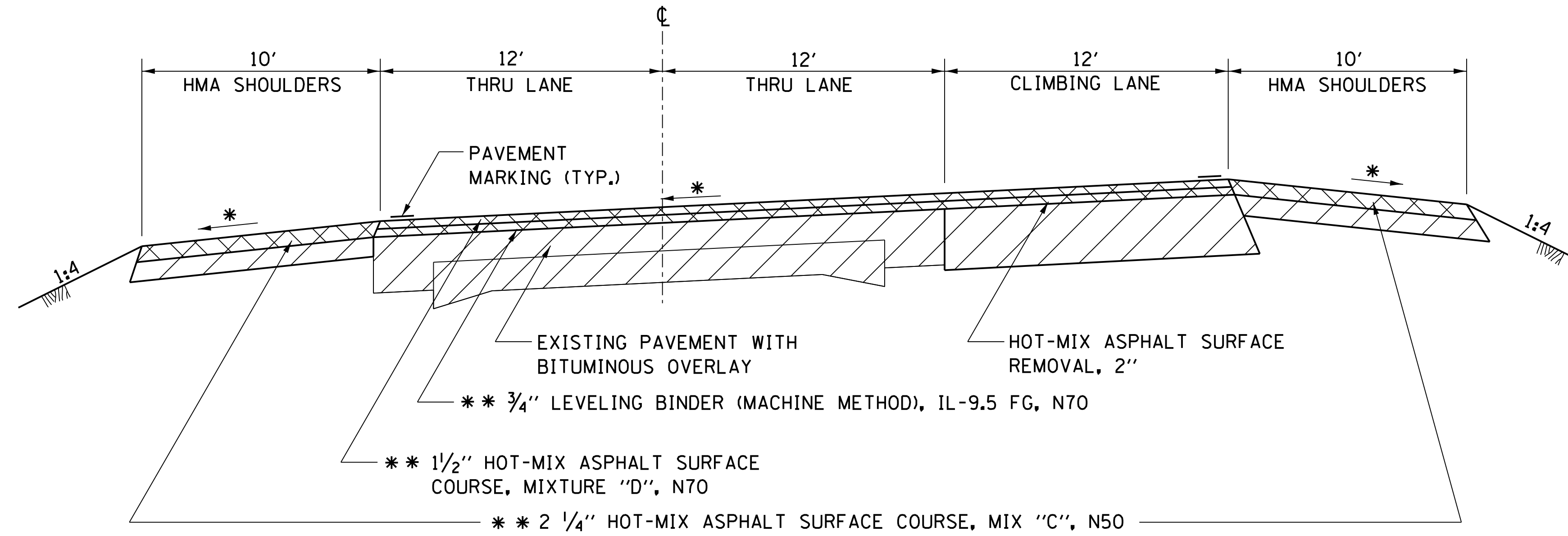
STATE OF ILLINOIS
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SUMMARY OF QUANTITIES				
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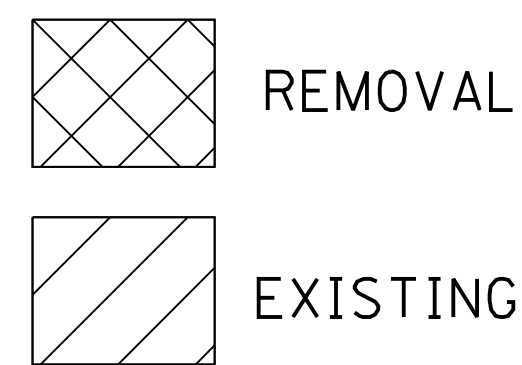
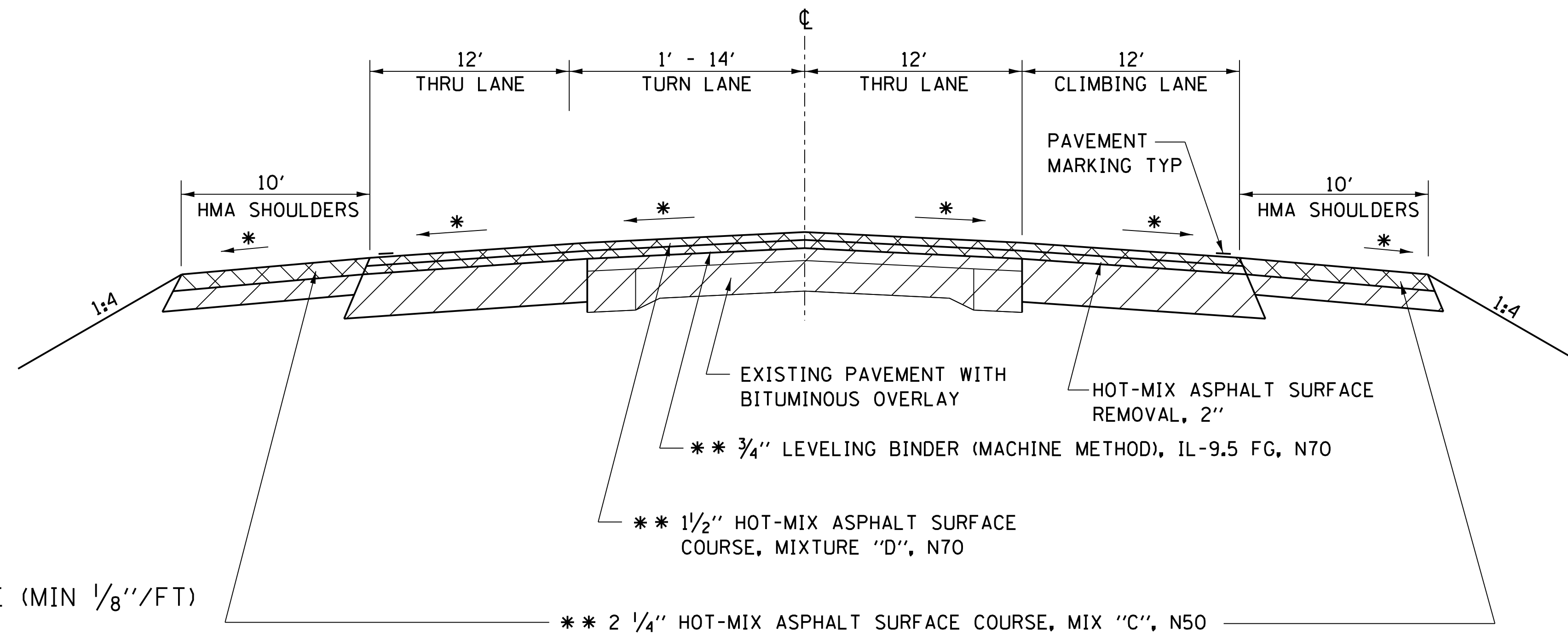
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301	29RS-6	JO DAVIESS	56	8
CONTRACT NO.				64K22
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

STA 1027+32 - 1029+30.6



STA 1029+30.7 - 1031+00



- * MAINTAIN EXISTING CROSS SLOPE (MIN 1/8"/FT)
- ** 112 LBS/SQ YD/IN

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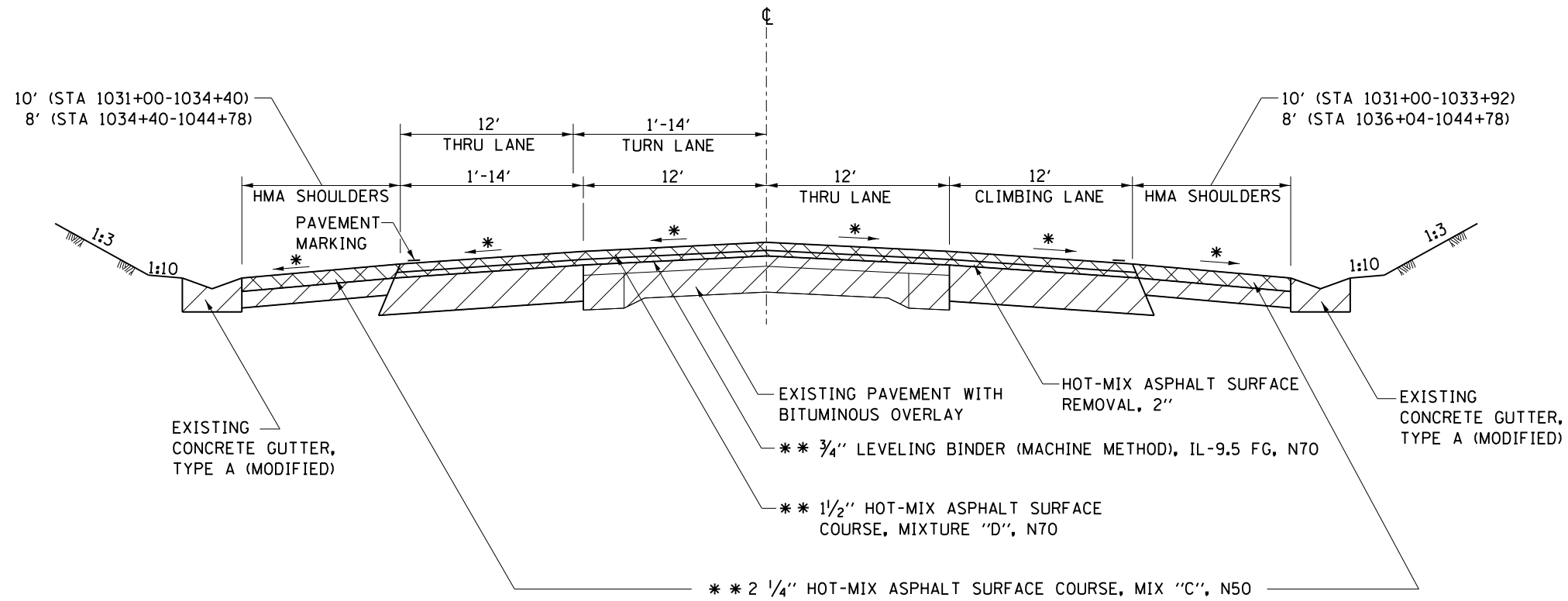
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 20 TYPICAL SECTIONS		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

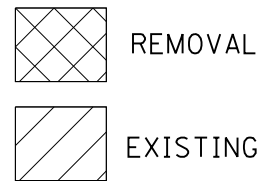
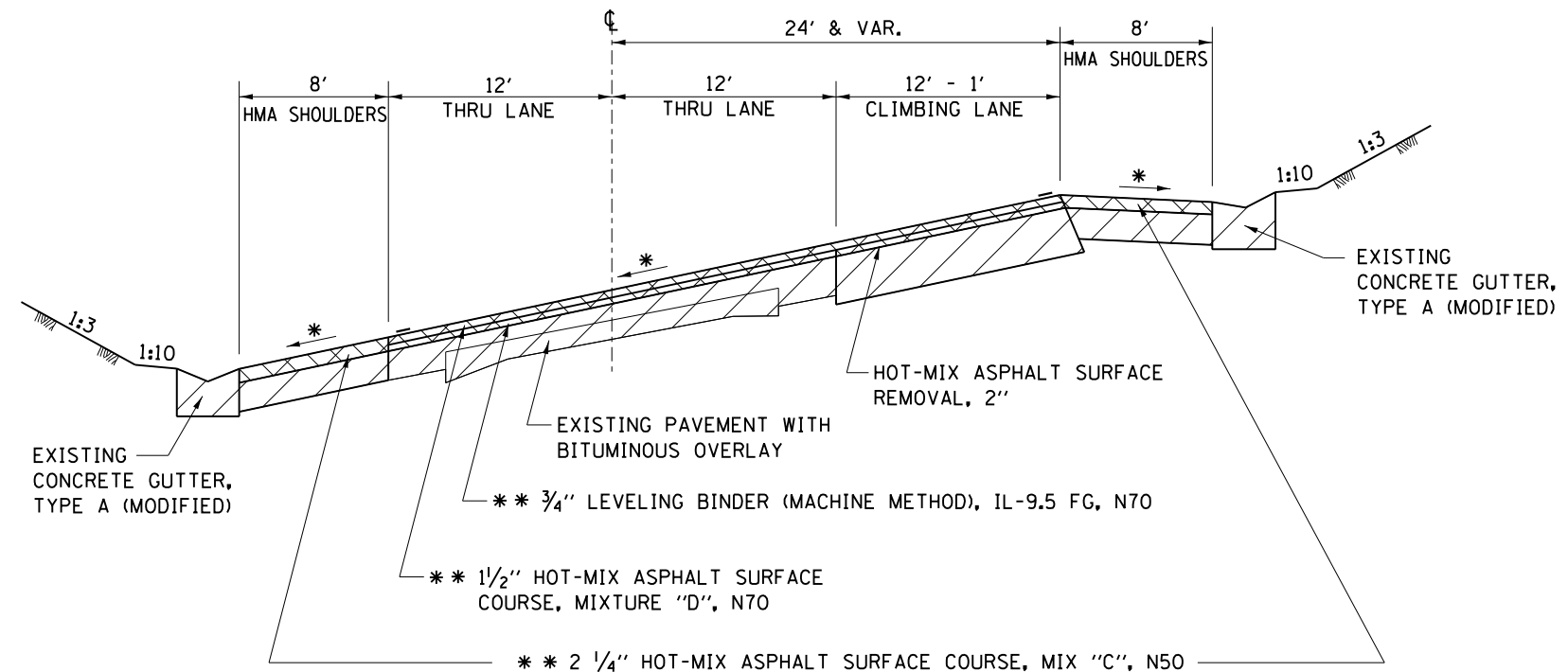
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301	29R5-6	JO DAVIESS	56	9
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

STA 1031+00 TO 1044+41.7



STA 1044+41.7 - 1053+13



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

** 112 LBS/SQ YD/IN

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

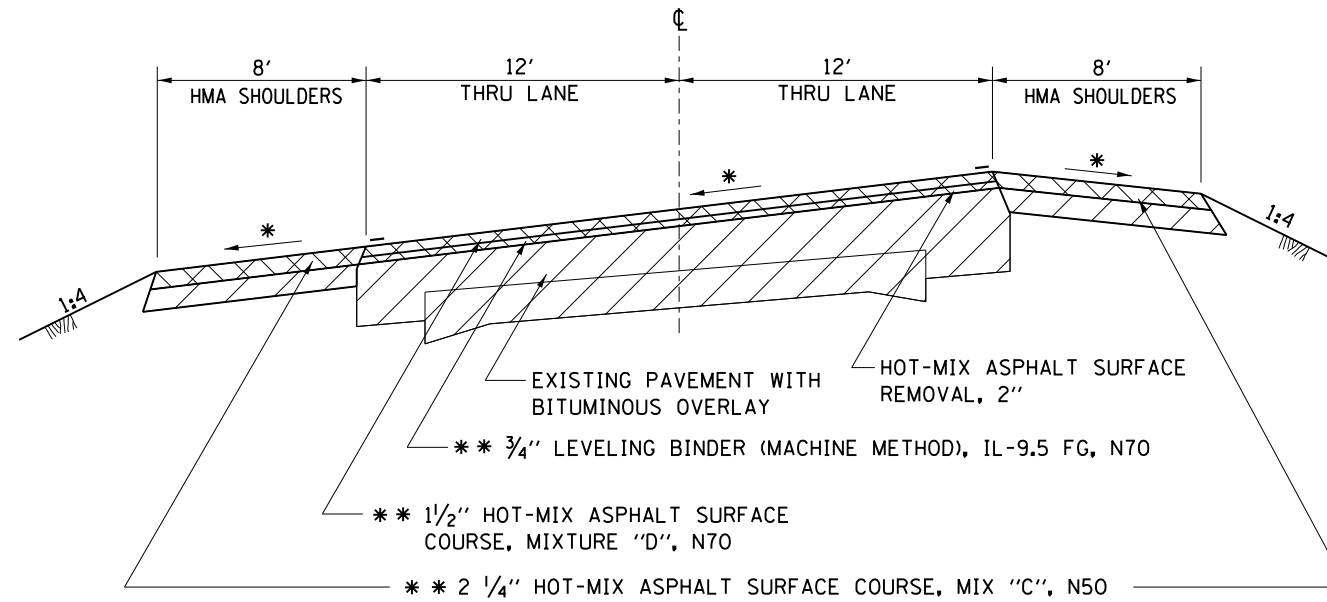
US 20
TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	10
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

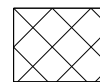
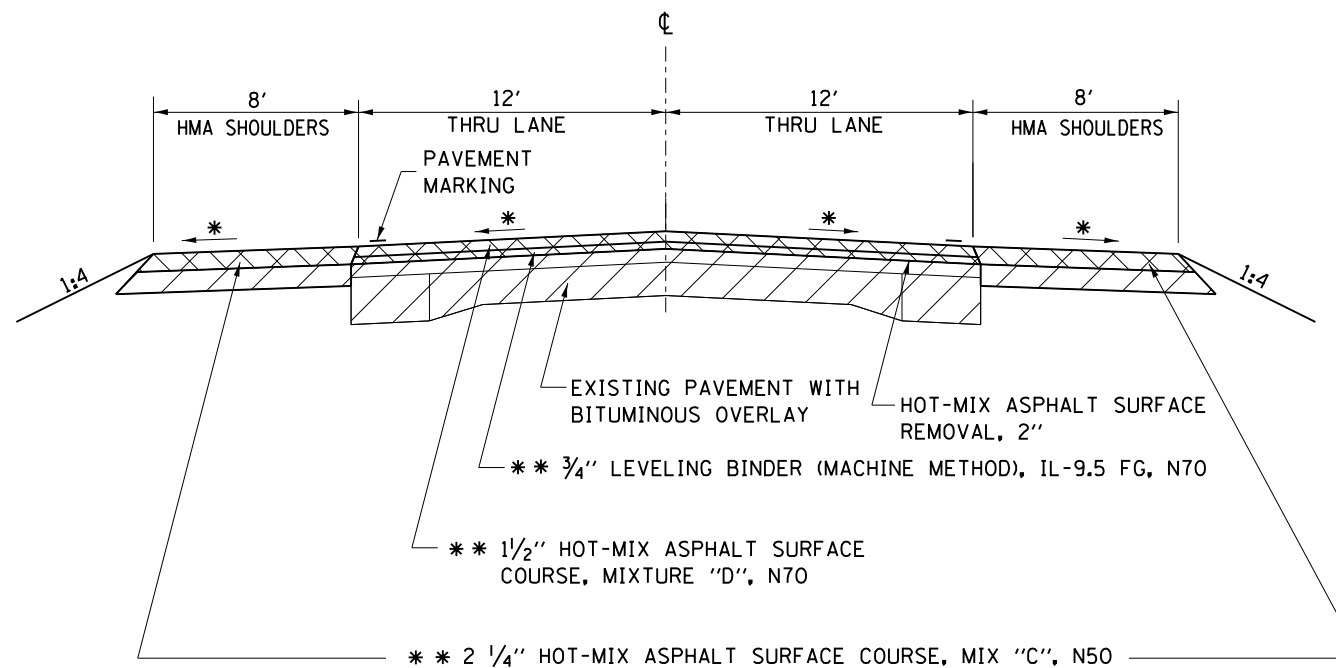
STA 1053+13 - 1063+57



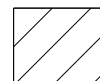
TANGENT SECTION

STA 1063+57 TO 1068+77

STA 1079+05 TO 1081+26



REMOVAL



EXISTING

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

** 112 LBS/SQ YD/IN

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

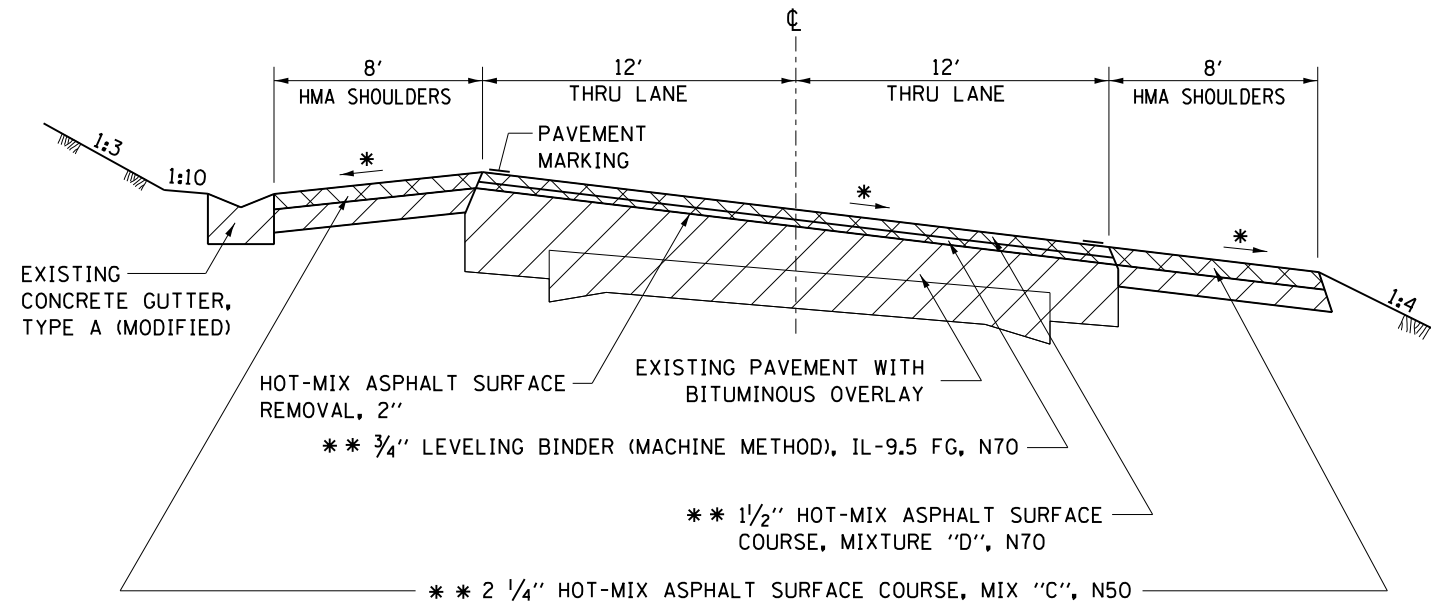
US 20 TYPICAL SECTIONS	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	11
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

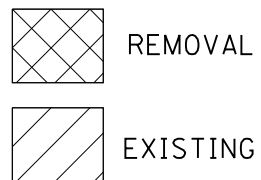
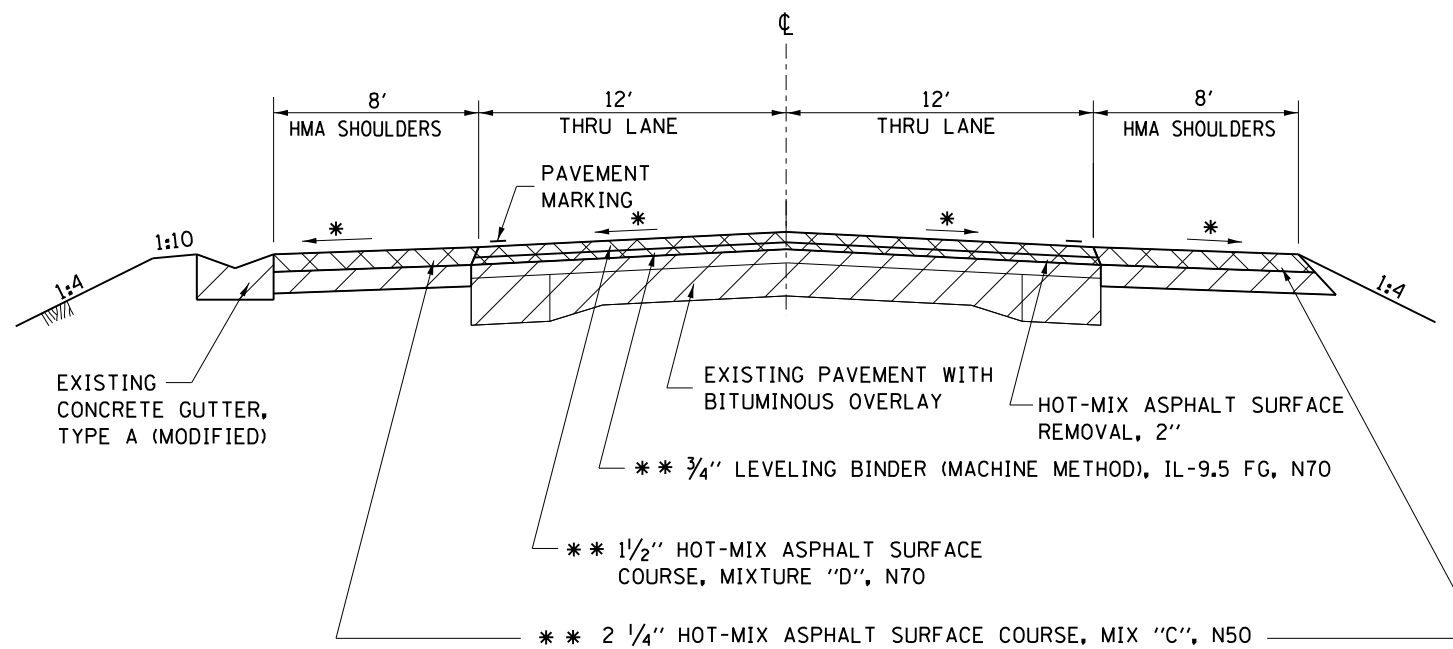
TYPICAL SECTION

STA 1068+77 - 1079+05

STA 1081+26 - 1094+09



STA 1094+09 TO 1096+09



- * MAINTAIN EXISTING CROSS SLOPE (MIN 1/8"/FT)
- ** 112 LBS/SQ YD/IN

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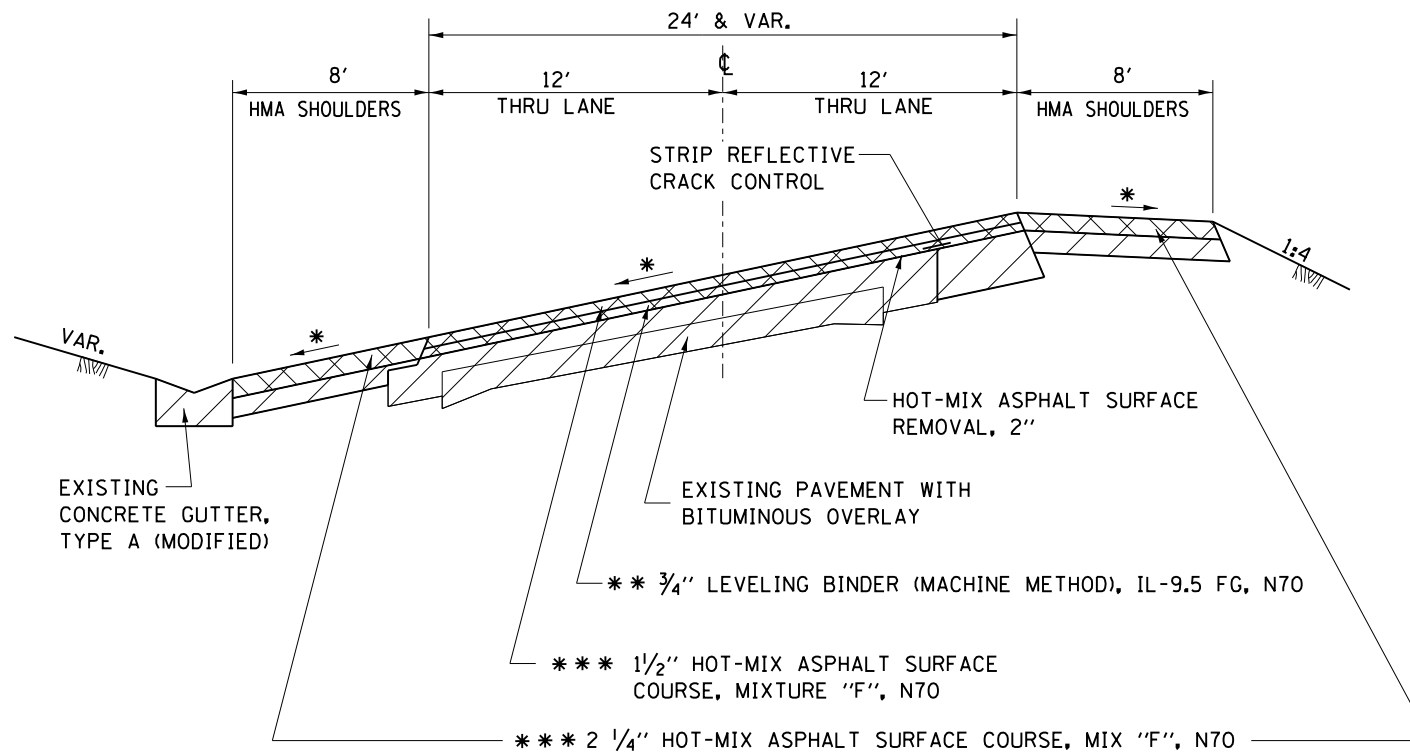
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 20 TYPICAL SECTIONS		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

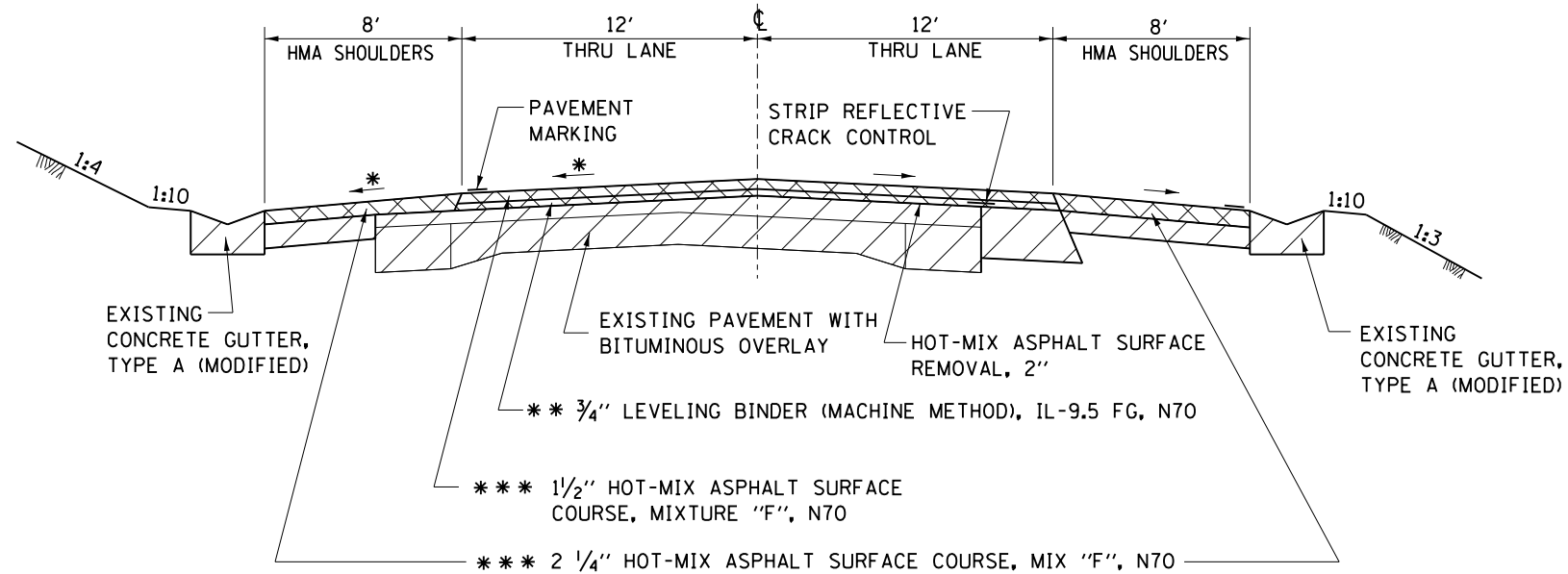
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301	29RS-6	JO DAVIESS	56	12
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

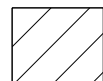
STA 1096+09 - 1106+35.5



STA 1106+35.5 - 1125+31



REMOVAL



EXISTING

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

** 112 LBS/SQ YD/IN

*** 123 LBS/SQ YD/IN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

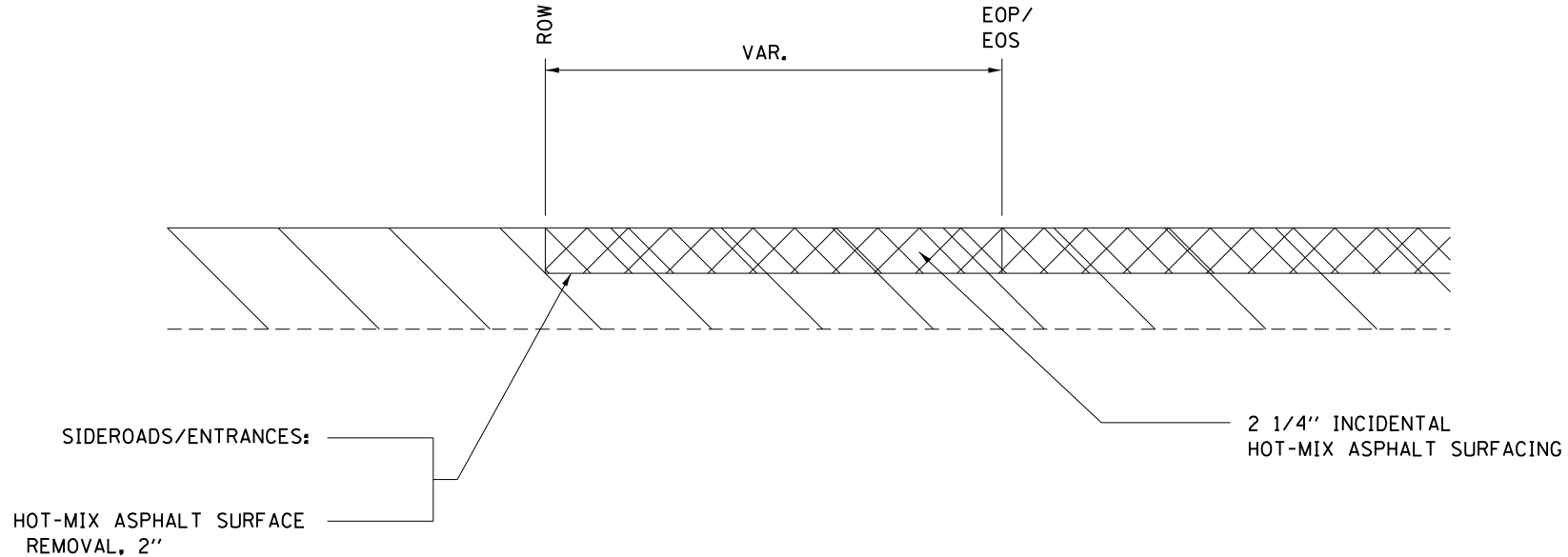
US 20
TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	13
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

TYPICAL SECTION

TYPICAL MILLING @ SIDE ROADS/ENTRANCES US 20



REMOVAL



EXISTING

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

** 112 LBS/SQ YD/IN

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 20
TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	14
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

Schedule of Quantities

20200100 EARTH EXCAVATION

CU YD	LOCATION	
	US 20	
124.9	Sta 1054 + 90 - 1062 + 00	Removal for Subgrade Under HMA Shoulders LT
93.2	Sta 1072 + 70 - 1078 + 00	Removal for Subgrade Under HMA Shoulders RT
241.9	Sta 1081 + 00 - 1094 + 75	Removal for Subgrade Under HMA Shoulders RT
<u>460.0</u>	TOTAL	

30300106 AGGREGATE SUBGRADE IMPROVEMENT 6"

SO YD	LOCATION	
	US 20	
749.4	Sta 1054 + 90 - 1062 + 00	Subgrade Under HMA Shoulders LT
559.4	Sta 1072 + 70 - 1078 + 00	Subgrade Under HMA Shoulders RT
1,451.4	Sta 1081 + 00 - 1094 + 75	Subgrade Under HMA Shoulders RT
<u>2,760.2</u>	TOTAL	

40600275 BITUMINOUS MATERIALS (PRIME COAT)

POUND	LOCATION	(1 Application on 6" Subgrade Under HMA Shoulders)
	US 20	
1,420	Sta 1054 + 90 - 1062 + 00	LT - HMA Shoulders
1,060	Sta 1072 + 70 - 1078 + 00	RT - HMA Shoulders
2,750	Sta 1081 + 00 - 1094 + 75	RT - HMA Shoulders
<u>5,230</u>	TOTAL	

40600290 BITUMINOUS MATERIALS (TACK COAT)

POUND	LOCATION	(1 Application between lifts of 5 3/4" HMA Shoulders)
	US 20	
150.9	Sta 1054 + 90 - 1062 + 00	LT - HMA Shoulders
112.6	Sta 1072 + 70 - 1078 + 00	RT - HMA Shoulders
292.2	Sta 1081 + 00 - 1094 + 75	RT - HMA Shoulders
791.2	As Needed & Directed by the Resident (Hot-Mix Asphalt Replacement Over Patches)	
<u>1,346.9</u>	TOTAL	

40600535 LEVELING BINDER (HAND METHOD), N70

TON	LOCATION	
	US 20	
30	As Needed & Directed by the Resident	
<u>30</u>	TOTAL	

40600637 LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70

TON	LOCATION	(See Edge of Pavement Repair DS 38.4)
	US 20	
71.7	Sta 1106 + 40 - 1116 + 00	LT - 3' Wide E.O.P. Repair
<u>71.7</u>	TOTAL	

40600990 TEMPORARY RAMP

SO YD	LOCATION	
	US 20	
30.0	Sta 1027 + 32	Project Begins
27.5	Sta 1034 + 84.4	Mt Hope Rd.
43.3	Sta 1047 + 84.2	Williams Drive
22.1	Sta 1121 + 33.9	Powder House Hill Rd.
20.0	Sta 1125 + 31	Project Ends
40.0	As Needed & Directed by the Resident	
<u>182.9</u>	TOTAL	

44000157 HOT-MIX ASPHALT SURFACE REMOVAL, 2"

SO YD	LOCATION	
	US 20 - MAINLINE	
808.0	Sta 1027 + 32 - 1029 + 30.6	
3,074.0	Sta 1029 + 30. - 1035 + 26.7	
4,720.0	Sta 1035 + 26. - 1044 + 41.7	
3,109.0	Sta 1044 + 41. - 1053 + 13	
11,456.0	Sta 1053 + 13 - 1096 + 09	
2,737.4	Sta 1096 + 09 - 1106 + 35.5	
5,054.6	Sta 1106 + 35. - 1125 + 31	
	US 20 - SHOULDERS	
728.1	Sta 1027 + 32 - 1033 + 87.3	LT
135.0	Sta 1033 + 87. - 1035 + 26.6	LT
5,406.6	Sta 1035 + 26. - 1096 + 09	LT
2,597.3	Sta 1096 + 09 - 1125 + 31	LT
765.6	Sta 1027 + 32 - 1034 + 21	RT
5,362.2	Sta 1035 + 76. - 1096 + 09	RT
2,597.3	Sta 1096 + 09 - 1125 + 31	RT
	Mount Hope Road	
709.0	Sta 1034 + 84.4	
	Powder House Hill Road	
202.0	Sta 1121 + 33.9	
<u>49,462.2</u>	TOTAL	

44000165 HOT-MIX ASPHALT SURFACE REMOVAL, 4"

SO YD	LOCATION	(See Edge of Pavement Repair DS 38.4)
	US 20	
320	Sta 1106 + 40 - 1116 + 00	LT - 3' Wide E.O.P. Repair
<u>320</u>	TOTAL	

44004250 PAVED SHOULDER REMOVAL

SO YD	LOCATION	
	US 20	
631.1	Sta 1054 + 90 - 1062 + 00	LT
471.1	Sta 1072 + 70 - 1078 + 00	RT
1,222.2	Sta 1081 + 00 - 1094 + 75	RT
<u>2,324.4</u>	TOTAL	

44300200 STRIP REFLECTIVE CRACK CONTROL TREATMENT

FOOT	LOCATION	
	US 20	
960	Sta 1106 + 40 - 1116 + 00	LT - E.O.P. Repair
2,922	Sta 1096 + 09 - 1125 + 31	LT Lane
2,922	Sta 1096 + 09 - 1125 + 31	RT Lane
4,000	As Needed & Directed by the Resident	
<u>10,804</u>	TOTAL	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET	OF	SHEETS	STA.	TO STA.

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	15
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

48203020 HOT-MIX ASPHALT SHOULDERS, 5 3/4"

SO YD	LOCATION
	US 20
631.1	Sta 1054 + 90 - 1062 + 00 LT - HMA Shoulders
471.1	Sta 1072 + 70 - 1078 + 00 RT - HMA Shoulders
1,222.2	Sta 1081 + 00 - 1094 + 75 RT - HMA Shoulders
2,324.4	TOTAL

60100080 FRENCH DRAINS

CU YD	LOCATION	(See Drain for Aggregate Base Course DS 96.4) (Place at All Low Points and Approximately Every 250')
	US 20	
3	As Needed & Directed by the Resident (Draining Subgrade in HMA Shoulder Repair Areas)	
3	TOTAL	

60266600 VALVE BOXES TO BE ADJUSTED

FACH	LOCATION
	US 20
1	Sta 1117 + 66 RT - Shoulder
1	Sta 1122 + 00 RT - Shoulder
2	TOTAL

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

FOOT	LOCATION	(See Highway Standard 642006)
	US 20	
7,839.2	Sta 1027 + 32 - 1125 + 31 LT	
7,839.2	Sta 1027 + 32 - 1125 + 31 RT	
15,678.4	TOTAL	

70300100 SHORT TERM PAVEMENT MARKING

FOOT	LOCATION	(4 Applications - Milled, Tack Coat, LB, Surface)
	US 20	Yellow
159.2	Sta 1027 + 32 - 1029 + 31	Double Yellow Center Line @ 2 stripes
822.4	Sta 1029 + 31 - 1034 + 45	Double Yellow Median @ 4 stripes
197.6	Sta 1035 + 27 - 1037 + 74	Double Yellow Median @ 2 stripes
1,068.8	Sta 1037 + 74 - 1044 + 42	Double Yellow Median @ 4 stripes
696.8	Sta 1044 + 42 - 1053 + 13	Double Yellow Center Line @ 2 stripes
2,887.2	Sta 1053 + 13 - 1125 + 31	Single Yellow Center Line @ 1 stripe
5,832.0	<i>Yellow Total</i>	
	US 20	White
817.6	Sta 1027 + 32 - 1047 + 76	Single White Passing Lane @ 1 stripe
82.0	Sta 1035 + 27 - 1037 + 32	Single White SB Turn Lane @ 1 stripe
1,567.8	Sta 1027 + 32 - 1125 + 31	Diagonal Shoulder Stripe LT
1,567.8	Sta 1027 + 32 - 1125 + 31	Diagonal Shoulder Stripe RT
360.0	Mt Hope Rd. Stop Bar @ 4 Stripes	
208.0	Mt Hope Rd. Stop Bar @ 4 Stripes	
192.0	Sta 1035 + 47	LT Turn Arrow 16' @ 3 stripes
192.0	Sta 1036 + 02	LT Turn Arrow 16' @ 3 stripes
192.0	Sta 1036 + 57	LT Turn Arrow 16' @ 3 stripes
192.0	Sta 1037 + 12	LT Turn Arrow 16' @ 3 stripes
192.0	Sta 1043 + 61	Drop Arrow 16' @ 3 stripes
192.0	Sta 1046 + 00	Drop Arrow 16' @ 3 stripes
5,755.2	<i>White Total</i>	
11,587.2	TOTAL	

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

SO FT	LOCATION	(Surface Removal Only of Short Term)
	US 20	Yellow
13.3	Sta 1027 + 32 - 1029 + 31	Double Yellow Center Line @ 2 stripes
68.5	Sta 1029 + 31 - 1034 + 45	Double Yellow Median @ 4 stripes
16.5	Sta 1035 + 27 - 1037 + 74	Double Yellow Median @ 2 stripes
89.1	Sta 1037 + 74 - 1044 + 42	Double Yellow Median @ 4 stripes
58.1	Sta 1044 + 42 - 1053 + 13	Double Yellow Center Line @ 2 stripes
240.6	Sta 1053 + 13 - 1125 + 31	Single Yellow Center Line @ 1 stripe
486.0	<i>Yellow Total</i>	
	US 20	White
68.1	Sta 1027 + 32 - 1047 + 76	Single White Passing Lane @ 1 stripe
6.8	Sta 1035 + 27 - 1037 + 32	Single White SB Turn Lane @ 1 stripe
130.7	Sta 1027 + 32 - 1125 + 31	Diagonal Shoulder Stripe LT
130.7	Sta 1027 + 32 - 1125 + 31	Diagonal Shoulder Stripe RT
120.0	Mt Hope Rd. Stop Bar @ 4 Stripes	
69.3	Mt Hope Rd. Stop Bar @ 4 Stripes	
64.0	Sta 1035 + 47	LT Turn Arrow 16' @ 3 stripes
16.0	Sta 1036 + 02	LT Turn Arrow 16' @ 3 stripes
16.0	Sta 1036 + 57	LT Turn Arrow 16' @ 3 stripes
16.0	Sta 1037 + 12	LT Turn Arrow 16' @ 3 stripes
16.0	Sta 1043 + 61	Drop Arrow 16' @ 3 stripes
16.0	Sta 1046 + 00	Drop Arrow 16' @ 3 stripes
637.6	<i>White Total</i>	
1,123.6	TOTAL	

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

SO FT	LOCATION	(See Pavement Marking Sheets)
	US 20	White
15.6	Sta 1035 + 46.7	LT Turn Arrow @ Mount Hope Road
15.6	Sta 1036 + 01.7	LT Turn Arrow @ Mount Hope Road
15.6	Sta 1036 + 56.7	LT Turn Arrow @ Mount Hope Road
15.6	Sta 1037 + 11.7	LT Turn Arrow @ Mount Hope Road
41.5	Sta 1043 + 61	Lane Drop Arrow
41.5	Sta 1046 + 00	Lane Drop Arrow
145.4	TOTAL	

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

FOOT	LOCATION	(See Pavement Marking Sheets)
	US 20	White
510.8	Sta 1027 + 32 - 1047 + 75.16	Climbing Lane Skip Dash
2,043.2	Sta 1027 + 32 - 1047 + 75.16	LT - EOP
2,043.2	Sta 1027 + 32 - 1047 + 75.16	RT - EOP
4,597.1	<i>White Total</i>	
	US 20	Yellow
396.0	Sta 1027 + 32 - 1029 + 30	Double Yellow Center Line
1,995.0	Sta 1029 + 30 - 1034 + 45	Median @ Mt. Hope Rd.
3,142.0	Sta 1035 + 26 - 1044 + 41.7	Median @ Mt. Hope Rd.
5,533.0	<i>Yellow Total</i>	
10,130.1	TOTAL	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	16
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

FOOT	LOCATION	(See Pavement Marking Sheets)
	US 20	White
205	Sta 1035 + 26. - 1037 + 31.7	LT Turn Lane @ Mt. Hope Rd.
99	Sta 1034 + 84. - 1035 + 27.8	Painted Island @ Mt. Hope Rd.
<u>304</u>	TOTAL	

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

FOOT	LOCATION	(See Pavement Marking Sheets)
	US 20	Yellow
138	Sta 1029 + 30. - 1034 + 45	Median @ Mt. Hope Rd.
201	Sta 1035 + 26. - 1044 + 41.7	Diagonals for Median @ Mt. Hope Rd.
<u>339</u>	Yellow Total	
	US 20	
84	Sta 1034 + 84. - 1035 + 27.8	Diagonals for Island @ Mt. Hope Rd.
<u>84</u>	White Total	
<u>423</u>	TOTAL	

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

FOOT	LOCATION	(See Pavement Marking Sheets)
	US 20	White
22.5	Sta 1034 + 84.4	Stop Bars - Mt. Hope Rd.
13.0	Sta 1034 + 84.1	Stop Bars - Mt. Hope Rd.
<u>35.5</u>	TOTAL	

78001110 PAINT PAVEMENT MARKING - LINE 4"

FOOT	LOCATION	(2 Applications)
	US 20	White
15,512	Sta 1047 + 75 - 1125 + 31	LT - EOP
15,512	Sta 1047 + 75 - 1125 + 31	RT - EOP
<u>31,024</u>	White Total	
	US 20	Yellow
5,505	Sta 1044 + 41. - 1058 + 18	Double Yellow No Pass
2,705	Sta 1058 + 18 - 1069 + 00	No Pass LT & Skip Dash
182	Sta 1069 + 00 - 1072 + 64	Skip Dash
2,150	Sta 1072 + 64 - 1081 + 24	No Pass RT & Skip Dash
12,064	Sta 1081 + 24 - 1111 + 40	Double Yellow No Pass
2,305	Sta 1111 + 40 - 1120 + 62	No Pass LT & Skip Dash
1,876	Sta 1120 + 62 - 1125 + 31	Double Yellow No Pass
<u>26,787</u>	Yellow Total	
<u>57,811</u>	TOTAL	

78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION	(See Standard 781001)
		<u>Two-Way Amber</u>
	US 20	
3	Sta 1017 + 32 - 1029 + 31	Center Line - 1 @ 80' o.c.
25	Sta 1029 + 31 - 1034 + 45	Striped Median - 2 @ 40' o.c.
47	Sta 1035 + 26 - 1044 + 45	Striped Median LT - 1 @ 20' o.c.
24	Sta 1035 + 26 - 1044 + 45	Striped Median RT - 1 @ 40' o.c.
66	Sta 1044 + 45 - 1097 + 49	Center Line - 1 @ 80' o.c.
22	Sta 1097 + 49 - 1106 + 36	Center Line - 1 @ 40' o.c.
24	Sta 1035 + 26 - 1037 + 32	Center Line - 1 @ 20' o.c.
<u>211</u>	Sub-Total	
		<u>One-Way Crystal</u>
	US 20	
9	Sta 1027 + 32 - 1034 + 36	NB Center Line - 1 @ 80' o.c.
16	Sta 1035 + 26 - 1047 + 45	NB Center Line - 1 @ 80' o.c.
11	Sta 1035 + 26 - 1037 + 32	SB Turn Lane - 1 @ 20' o.c.
<u>36</u>	Sub-Total	
<u>247</u>	TOTAL	

Z0040315 PILOT CAR

CAL DAY	LOCATION
1.5	US 20
1.5	As Needed & Directed by the Resident
	TOTAL

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

EACH	LOCATION
	US 20
108	Sta 1027 + 32 - 1047 + 70
82	Sta 1047 + 70 - 1125 + 31
<u>190</u>	TOTAL

X0326898 CENTER LINE - RUMBLE STRIP - 16"

FOOT	LOCATION	(See Center Line - Rumble Strip - 16" Detail)
	US 20	
6,858	Sta 1044 + 42 - 1113 + 00	
<u>6,858</u>	TOTAL	

Z0028415 GEOTECHNICAL REINFORCEMENT

SO YD	LOCATION	(See Written Special Provision)
	US 20	
749.4	Sta 1054 + 90 - 1062 + 00	Geogrid on Subgrade for HMA Shoulders LT
559.4	Sta 1072 + 70 - 1078 + 00	Geogrid on Subgrade for HMA Shoulders RT
1,451.4	Sta 1081 + 00 - 1094 + 75	Geogrid on Subgrade for HMA Shoulders RT
<u>2,760.2</u>	TOTAL	

Z0033700 LONGITUDINAL JOINT SEALANT

FOOT	LOCATION	(See Written Special Provision)
	US 20	
9,799.0	Sta 1027 + 32 - 1125 + 31	Center Line (Mainline)
2,581.0	Sta 1027 + 32 - 1053 + 13	NB Climbing Lane
1,511.4	Sta 1029 + 30. - 1044 + 42	SB Lane, Striped Median
<u>13,891.4</u>	TOTAL	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	17
			CONTRACT NO. 64K22	
		ILLINOIS	FED. AID PROJECT	

HMA SCHEDULE

40600290 ***40600637*** ***40603310*** ***40603340*** ****40603390**** ***40800050***

Location	Remarks	Length	Proposed Surface		Bituminous Materials (Tack Coat)	Leveling Binder, (Machine Method), IL-9.5FG, N70	Hot-Mix Asphalt Surface Course, Mix "C", N50	Hot-Mix Asphalt Surface Course, Mix "D", N70	Hot-Mix Asphalt Surface Course, Mix "F", N70	Incidental Hot-Mix Asphalt Surfacing	
			Width	Sq Yd	Pound	Ton	Ton	Ton	Ton	Ton	
US 20											
Sta 1027 + 32. - 1029 + 30.6	Start Project	199	36 - 39	808.0	545.4	45.2		67.9			
Sta 1029 + 30.6- 1035 + 26.7	Start Median	596	39 - 50	3,074.0	2,075.0	172.1		258.2			
Sta 1035 + 26.7- 1044 + 41.7	End Median	915	50 - 38	4,720.0	3,186.0	264.3		396.5			
Sta 1044 + 41.7- 1053 + 13.	End Climbing Lane	871	38 - 24	3,109.0	2,098.6	174.1		261.2			
Sta 1053 + 13. - 1096 + 09.		4,296	24	11,456.0	7,732.8	641.5		962.3			
Sta 1096 + 09. - 1106 + 35.5	Start of "F" Mix	1,027	24	2,737.4	1,847.7	153.3			252.5		
Sta 1106 + 35.5- 1125 + 31.	End Project	1,895	24	5,054.6	3,411.9	283.1			466.3		
Shoulders											
Sta 1027 + 32. - 1033 + 87.3	Shoulders LT	655	10	728.1	327.7		101.9				
Sta 1033 + 87.3- 1035 + 26.6	Shoulders LT	139	10 - 8	135.0	60.8		18.9				
Sta 1035 + 26.6- 1096 + 09.	Shoulders LT	6,082	8	5,406.6	2,433.0		756.9				
Sta 1096 + 09. - 1125 + 31.	Shoulders LT	2,922	8	2,597.3	1,168.8				399.3		
Sta 1027 + 32. - 1034 + 21.	Shoulders RT	689	10	765.6	344.5		107.2				
Sta 1035 + 76.5- 1096 + 09.	Shoulders RT	6,033	8	5,362.2	2,413.0		750.7				
Sta 1096 + 09. - 1125 + 31.	Shoulders RT	2,922	8	2,597.3	1,168.8				399.3		
Side Roads											
Sta 1034 + 84.4	Mount Hope Road	81	33	709.0	319.1					109.2	
Sta 1121 + 33.9	Powder House Hill Road	42	26	202.0	90.9					31.1	
Totals					49,462.	29,223.8	1,733.7	1,735.7	1,946.0	1,517.5	140.3

- * Bituminous Materials (Prime Coat) Rate of Application = 2.25 Lb / Sq Yd on Aggregate
- ** Bituminous Materials (Tack Coat) Rate of Application = 0.05 Lb / Sq Ft on Existing HMA, 0.025 Lb / Sq Ft Between Lifts
- *** Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in
- **** Hot-Mix Asphalt Rate of Application = 123 Lbs / Sq Yd / in

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USER NAME = ankneyde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -						301	29R5-6	JO DAVIESS	56	18	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 64K22					
PLOT DATE = 1/11/2018	DATE -	REVISED -						SCALE:	SHEET	OF	SHEETS	STA.	TO
ILLINOIS FED. AID PROJECT													

ENTRANCE SCHEDULE

35101400 **40600290** ***40800050*** 44000157

Location	Type	Existing Surface Type	Proposed Surface Area	Aggregate Base Course, Type B	Bituminous Materials (Tack Coat)	Incidental Hot-Mix Asphalt Surfacing (2 1/4")	Hot-Mix Asphalt Surface Removal, 2"
US 20							
Sta 1029+61	PE - RT	HMA	114.0			17.6	114.0
Sta 1030+90	FE - LT	AGG	22.0	2.8			
Sta 1056+41	PE - RT	HMA	180.0			27.7	180.0
Sta 1057+80	PE - RT	HMA	145.0			22.3	145.0
Sta 1066+77	PE - RT	HMA	143.0			22.0	143.0
Sta 1066+87	FE - LT	AGG	27.0	3.5			
Sta 1070+85	FE - RT	AGG	15.0	1.9			
Sta 1072+17	FE - LT	AGG	13.0	1.7			
Sta 1075+07	FE - LT	AGG	25.0	3.2			
Sta 1099+98	FE - RT	AGG	22.0	2.8			
Sta 1102+70	PE - RT	HMA	200.0			30.8	200.0
Sta 1104+08	FE - RT	AGG	52.0	6.7			
Sta 1122+12	FE - LT	AGG	25.0	3.2			
Totals			98	25.8	351.9	120.4	782.0

** Bituminous Materials (Tack Coat) Rate of Application = 0.05 Lb / Sq Ft on Existing HMA, 0.025 Lb / Sq Ft Between Lifts
 *** Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in

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USER NAME = ankneyde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						301	29RS-6	JO DAVIESS	56	19
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 64K22				
PLOT DATE = 1/11/2018	DATE -	REVISED -						SCALE:	SHEET	OF	SHEETS	STA.
ILLINOIS FED. AID PROJECT												

PARTIAL DEPTH PAVEMENT PATCHING

12 FEET LANE WIDTH
8 FEET SHOULDER WIDTH

44002232

40601005

STATION	REMARKS	LENGTH OF PATCH				HOT-MIX ASPHALT REMOVAL OVER PATCHES - 8"				HOT-MIX ASPHALT REPLACEMENT OVER PATCHES			
		LT LANE FEET	MEDIAN / TURN FEET	RT LANE FEET	CLIMBING FEET	LT LANE SQ YD	MEDIAN / TURN SQ YD	RT LANE SQ YD	CLIMBING SQ YD	LT LANE TON	MEDIAN / TURN TON	RT LANE TON	CLIMBING TON
US 20													
1027+32	START OF PROJECT												
1027+95		6		6	6	9.3		9.3	9.3	4.2		4.2	4.2
1028+94		6		6		9.3		9.3		4.2		4.2	
1030+19		6	6			9.3	9.3			4.2	4.2		
1030+47		6	6			9.3	9.3			4.2	4.2		
1030+99		40	40	40		54.7	54.7	54.7		24.5	24.5	24.5	
1031+82		6	6	6		9.3	9.3	9.3		4.2	4.2	4.2	
1033+06		6	6	6		9.3	9.3	9.3		4.2	4.2	4.2	
1033+61		6	6			9.3	9.3			4.2	4.2		
1034+31		6	6			9.3	9.3			4.2	4.2		
1035+31		6	6	6		9.3	9.3	9.3		4.2	4.2	4.2	
1035+64			6	6			9.3	9.3			4.2	4.2	
1036+01			6	6			9.3	9.3			4.2	4.2	
1036+49			6				9.3				4.2		
1037+02			6	6			9.3	9.3			4.2	4.2	
1037+28			30	30			41.3	41.3			18.5	18.5	
1038+24			12	6			17.3	9.3			7.8	4.2	
1039+34		6	6			9.3	9.3			4.2	4.2		
1039+88		6	6	6		9.3	9.3	9.3		4.2	4.2	4.2	
1041+16		6	7			9.3	10.7			4.2	4.8		
1041+64		6	6	6		9.3	9.3	9.3		4.2	4.2	4.2	
1042+24		25	25			34.7	34.7			15.5	15.5		
1043+41		25	25	25		34.7	34.7	34.7		15.5	15.5	15.5	
1044+39		40		40		54.7		54.7		24.5		24.5	
1045+44		6		6		9.3		9.3		4.2		4.2	
1046+84		6				9.3				4.2			
1048+46		6				9.3				4.2			
1050+14		6				9.3				4.2			
1053+52		6		6		9.3		9.3		4.2		4.2	
1053+96		6				9.3				4.2			
1056+59		6				9.3				4.2			
1059+06		6				9.3				4.2			
1059+51		6		6		9.3		9.3		4.2		4.2	
1063+41		6		6		9.3		9.3		4.2		4.2	
1065+06				6				9.3				4.2	
1065+96		6				9.3				4.2			
1066+88		6		6		9.3		9.3		4.2		4.2	
1068+63		6		6		9.3		9.3		4.2		4.2	
1069+77		15				21.3				9.6			
1070+29		6		6		9.3		9.3		4.2		4.2	
1071+58		6		6		9.3		9.3		4.2		4.2	
1072+71		6				9.3				4.2			
1074+56				6				9.3				4.2	
1074+66		6				9.3				4.2			
1075+42		6				9.3				4.2			
1078+60				6				9.3				4.2	
1078+70		20				28.0				12.5			
1079+46				6				9.3				4.2	
1080+05		15		6		21.3		9.3		9.6		4.2	
1080+64	RT SHOULDER PATCH	15		6	6	21.3		9.3	6.2	9.6		4.2	2.8
1084+41	RT SHOULDER PATCH	6		6	6	9.3		9.3	6.2	4.2		4.2	2.8
1083+56	RT SHOULDER PATCH	6		6	6	9.3		9.3	6.2	4.2		4.2	2.8
1084+12	RT SHOULDER PATCH	6		6	6	9.3		9.3	6.2	4.2		4.2	2.8
1085+44	RT SHOULDER PATCH	6		6	6	9.3		9.3	6.2	4.2		4.2	2.8
TOTAL - PAGE 1						597.3	324.0	456.0	40.4	267.6	145.2	204.3	18.1

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PARTIAL DEPTH PAVEMENT PATCHING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	20
CONTRACT NO. 64K22				
		ILLINOIS	FED. AID PROJECT	

PARTIAL DEPTH PAVEMENT PATCHING

12 FEET LANE WIDTH
8 FEET SHOULDER WIDTH

44002232

40601005

STATION	REMARKS	LENGTH OF PATCH				HOT-MIX ASPHALT REMOVAL OVER PATCHES - 8"				HOT-MIX ASPHALT REPLACEMENT OVER PATCHES			
		LT LANE FEET	MEDIAN / TURN FEET	RT LANE FEET	CLIMBING FEET	LT LANE SQ YD	MEDIAN / TURN SQ YD	RT LANE SQ YD	CLIMBING SQ YD	LT LANE TON	MEDIAN / TURN TON	RT LANE TON	CLIMBING TON
US 20													
1088+11		6		6		9.3		9.3		4.2		4.2	
1089+94		6				9.3				4.2			
1092+00		6		6		9.3		9.3		4.2		4.2	
1092+61		10		10		14.7		14.7		6.6		6.6	
1093+87	RT SHOULDER PATCH	10		10	10	14.7		14.7	9.8	6.6		6.6	4.4
1096+09		6		6		9.3		9.3		4.2		4.2	
1098+56		10		10		14.7		14.7		6.6		6.6	
1105+19		6		6		9.3		9.3		4.2		4.2	
1105+81		6		6		9.3		9.3		4.2		4.2	
1108+82		6				9.3				4.2			
1112+93		15				21.3				9.6			
1115+43		6		6		9.3		9.3		4.2		4.2	
1117+39		6		6		9.3		9.3		4.2		4.2	
1119+57				25				34.7				15.5	
1120+19		6		6		9.3		9.3		4.2		4.2	
1124+56		6		6		9.3		9.3		4.2		4.2	
1125+31	END OF PROJECT												
TOTAL - PAGE 2						168.0	0.0	162.7	9.8	75.3	0.0	72.9	4.4
TOTAL - PAGE 1						597.3	324.0	456.0	40.4	267.6	145.2	204.3	18.1
GRAND TOTAL						1758.2				787.7			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PARTIAL DEPTH PAVEMENT PATCHING			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	21
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET

ROGER L. GRATTON
 VICKIE L. GRATTON
 MELVIN L. GRATTON



2 1/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

2 1/4" HMA RESURFACING

1027+32.00
 PROJECT BEGINS

FE+90
 AGG

MATCH LINE STA. 1032+00

US 20

32" RCP

1030+00

PE+61

HMA

ROCK

EXISTING R.O.W.

ROGER L. GRATTON
 VICKIE L. GRATTON
 MELVIN L. GRATTON

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

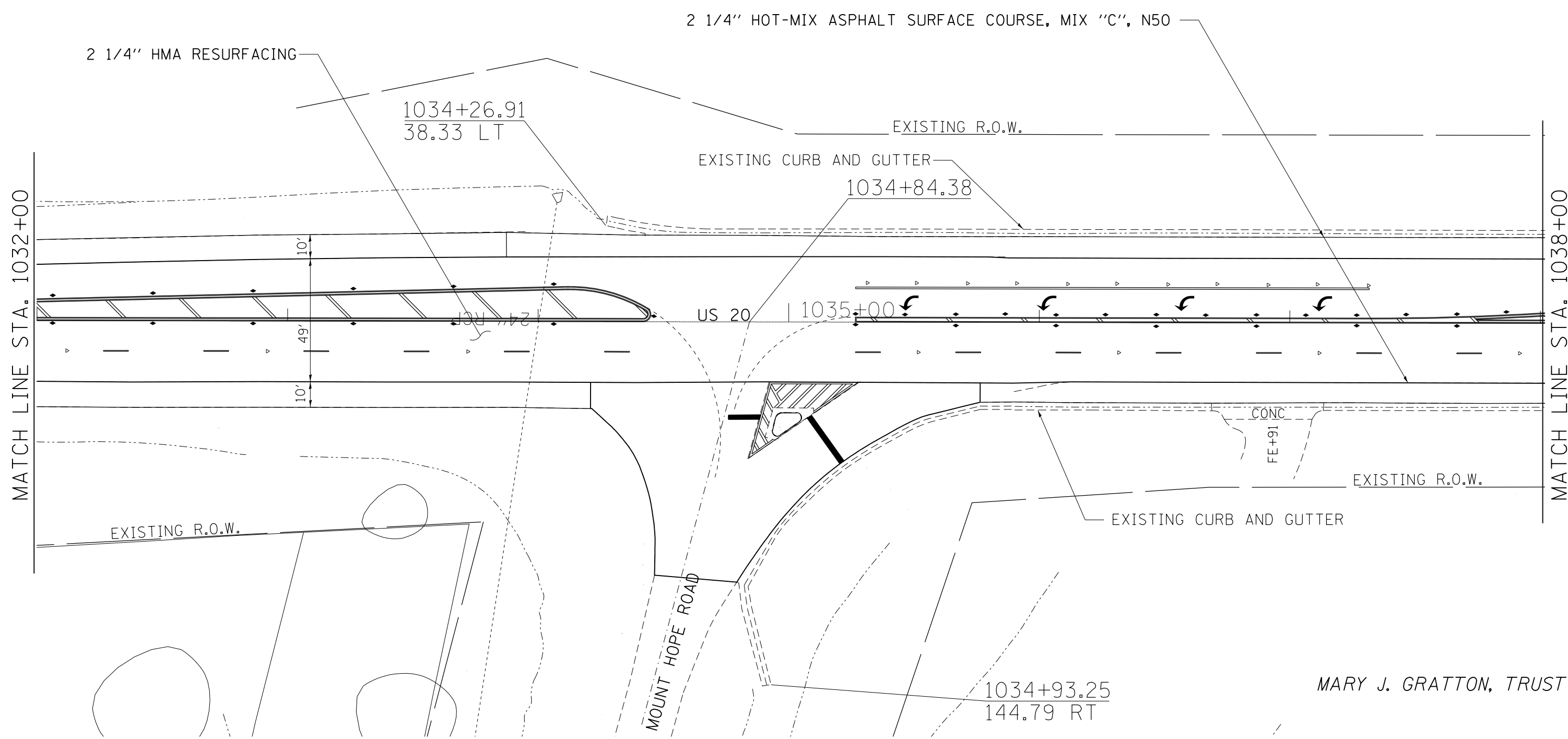
PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	22
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET

ROGER L. GRATTON
 VICKIE L. GRATTON
 MELVIN L. GRATTON



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

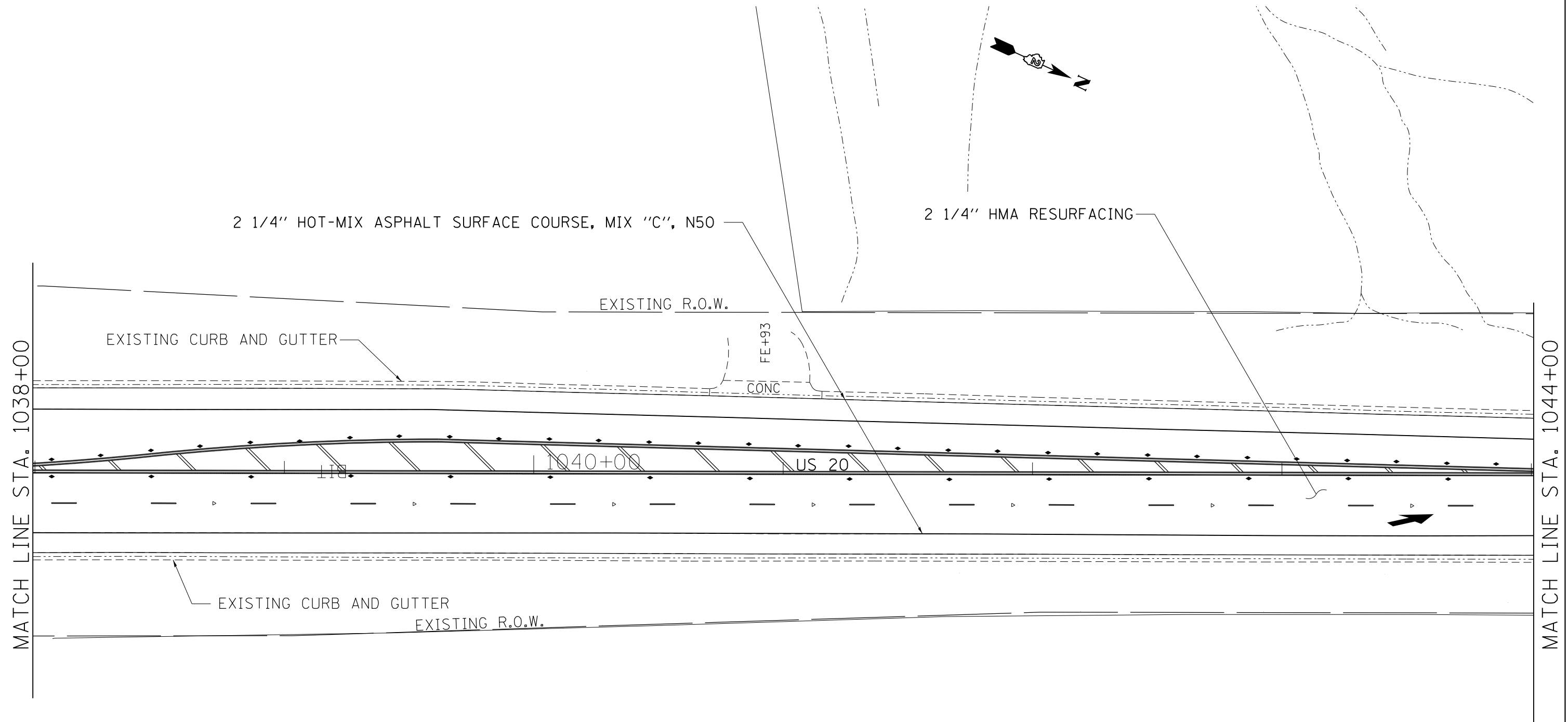
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	23
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

MARY J. GRATTON, TRUST

ROGER L. GRATTON
 VICKIE L. GRATTON
 MELVIN L. GRATTON

PLAN SHEET

GALENA STATE BANK
 & TRUST CO.
 TRUST NO. 396



MARY J. GRATTON, TRUST

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

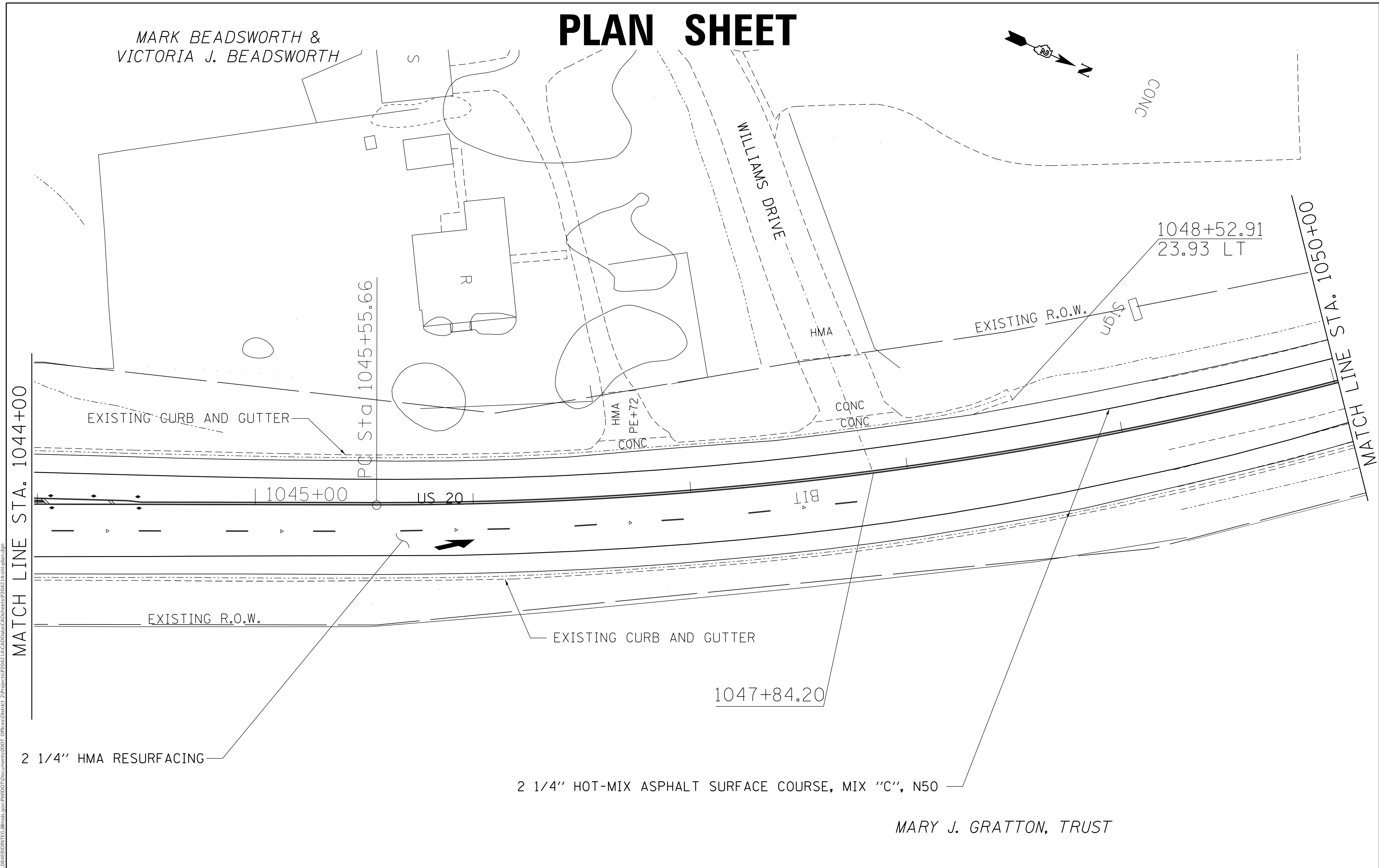
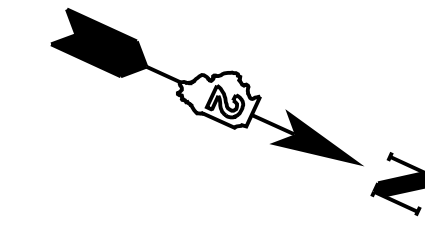
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SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	24
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

MARK BEADSWORTH &
VICTORIA J. BEADSWORTH

PLAN SHEET



MARY J. GRATTON, TRUST

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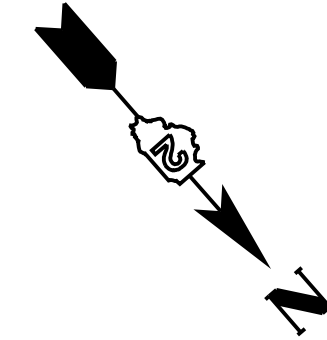
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

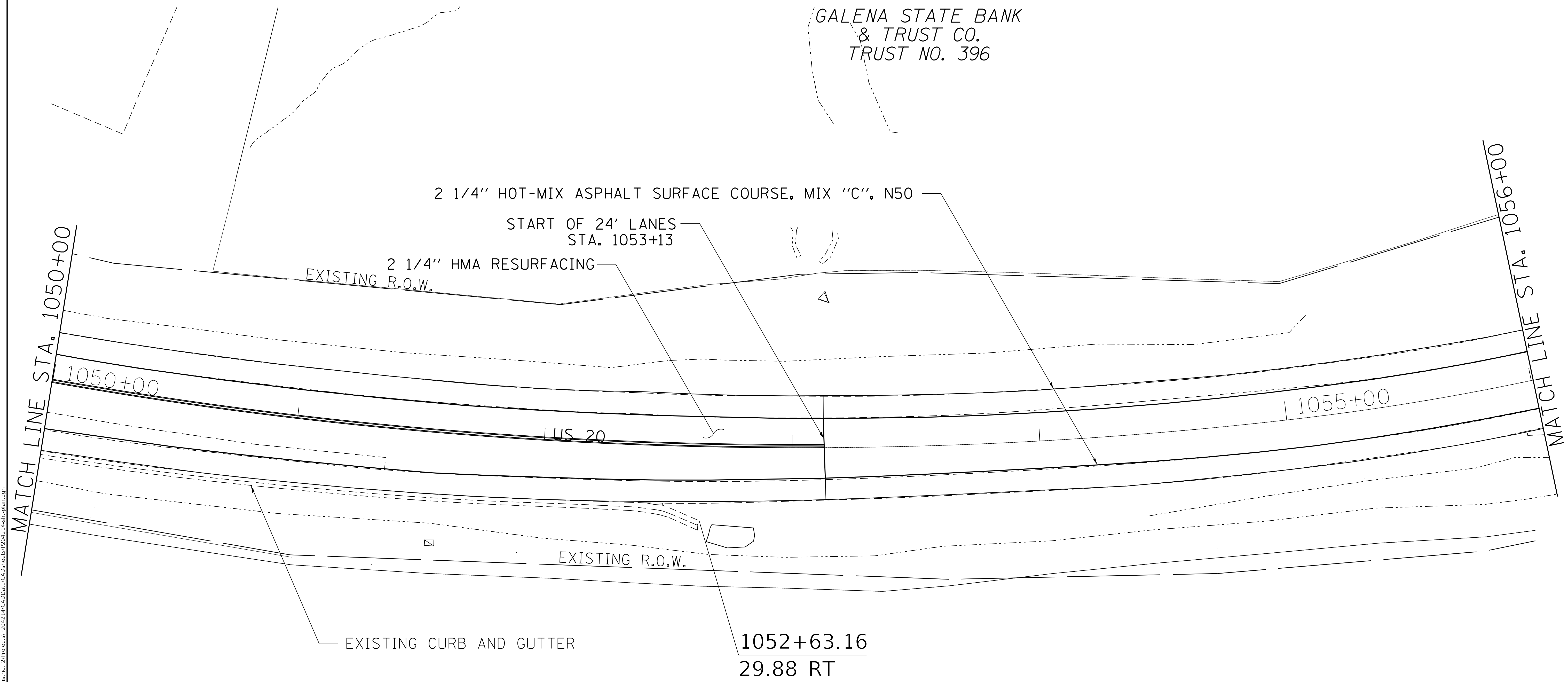
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SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	25
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET



GALENA STATE BANK
& TRUST CO.
TRUST NO. 396



MARY J. GRATTON, TRUST

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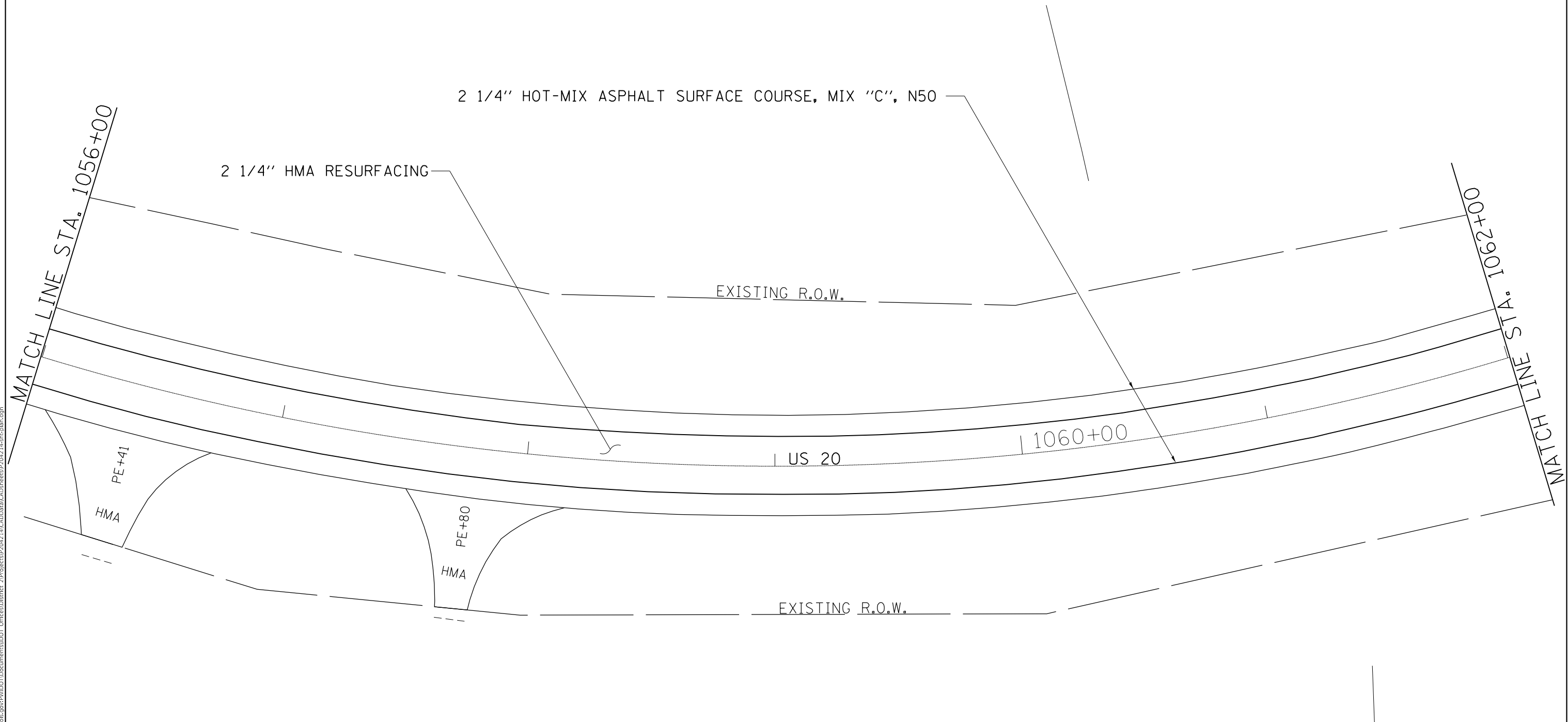
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	26
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET

GALENA STATE BANK
& TRUST CO.
TRUST NO. 396



MARY J. GRATTON, TRUST

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

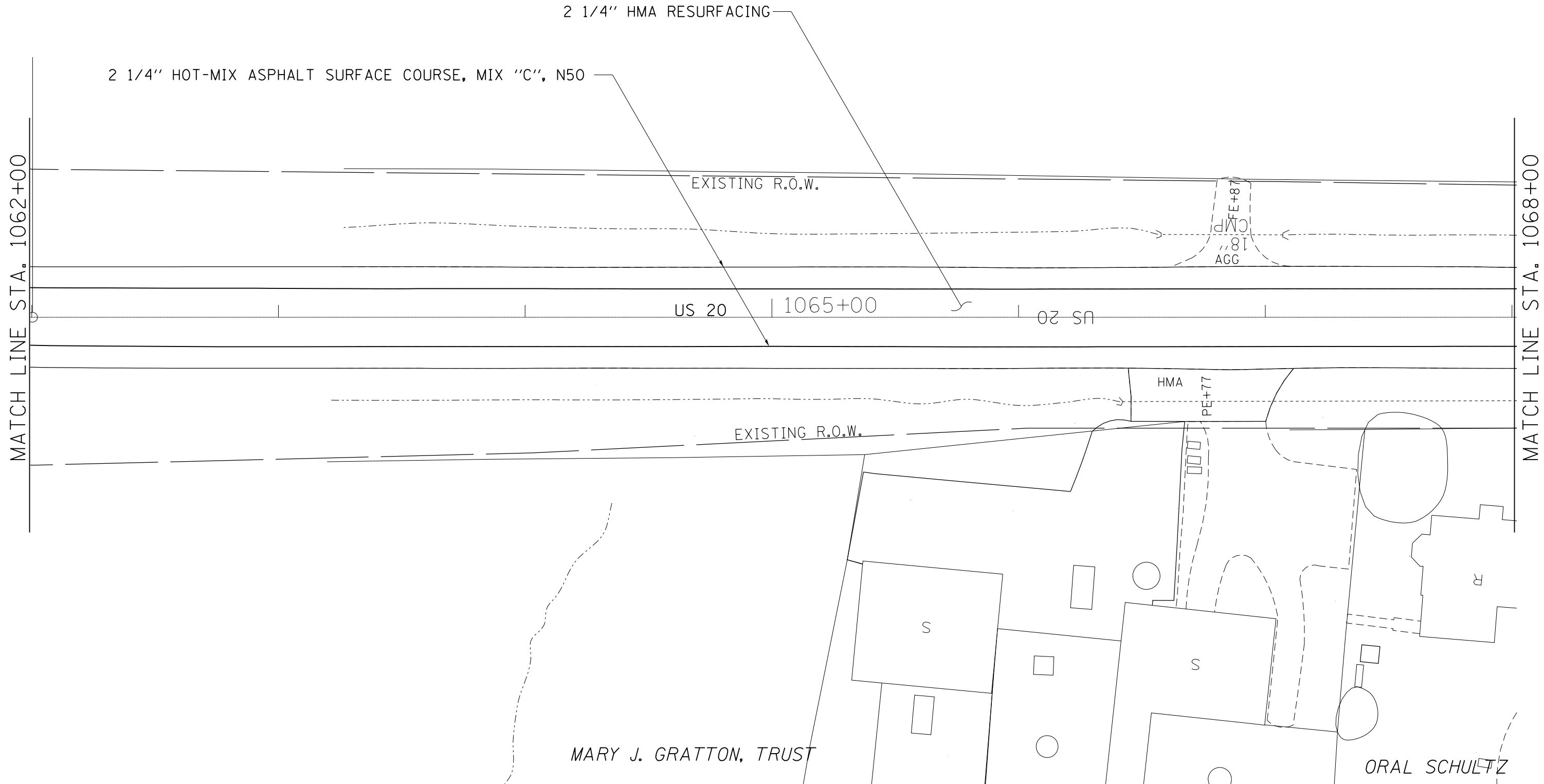
PLAN SHEET

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	27
			CONTRACT NO. 64K22	
ILLINOIS FED. AID PROJECT				

PLAN SHEET

ORAL SCHULTZ



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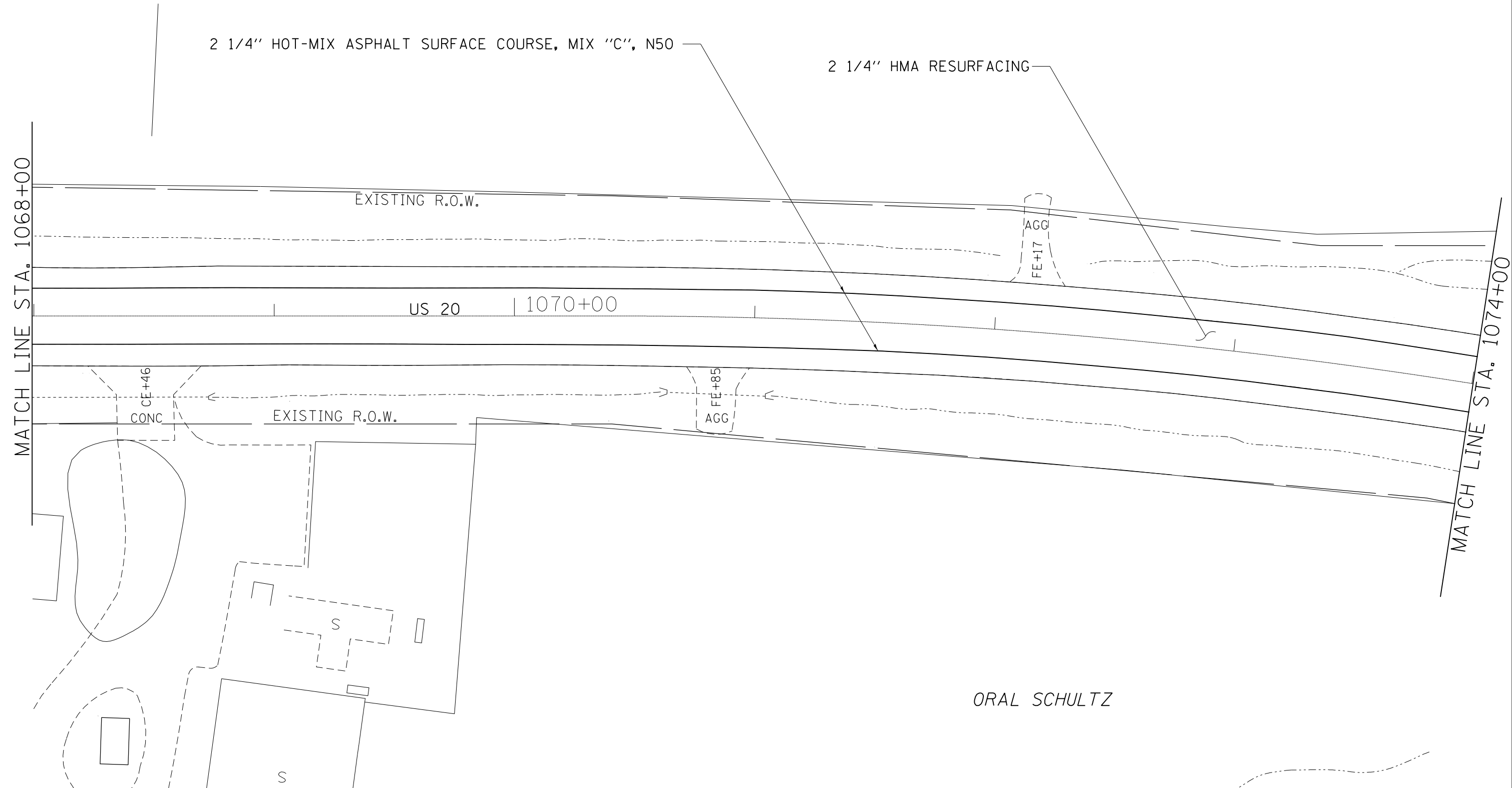
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	28
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET

ORAL SCHULTZ



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DRAWN -	REVISOR -	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

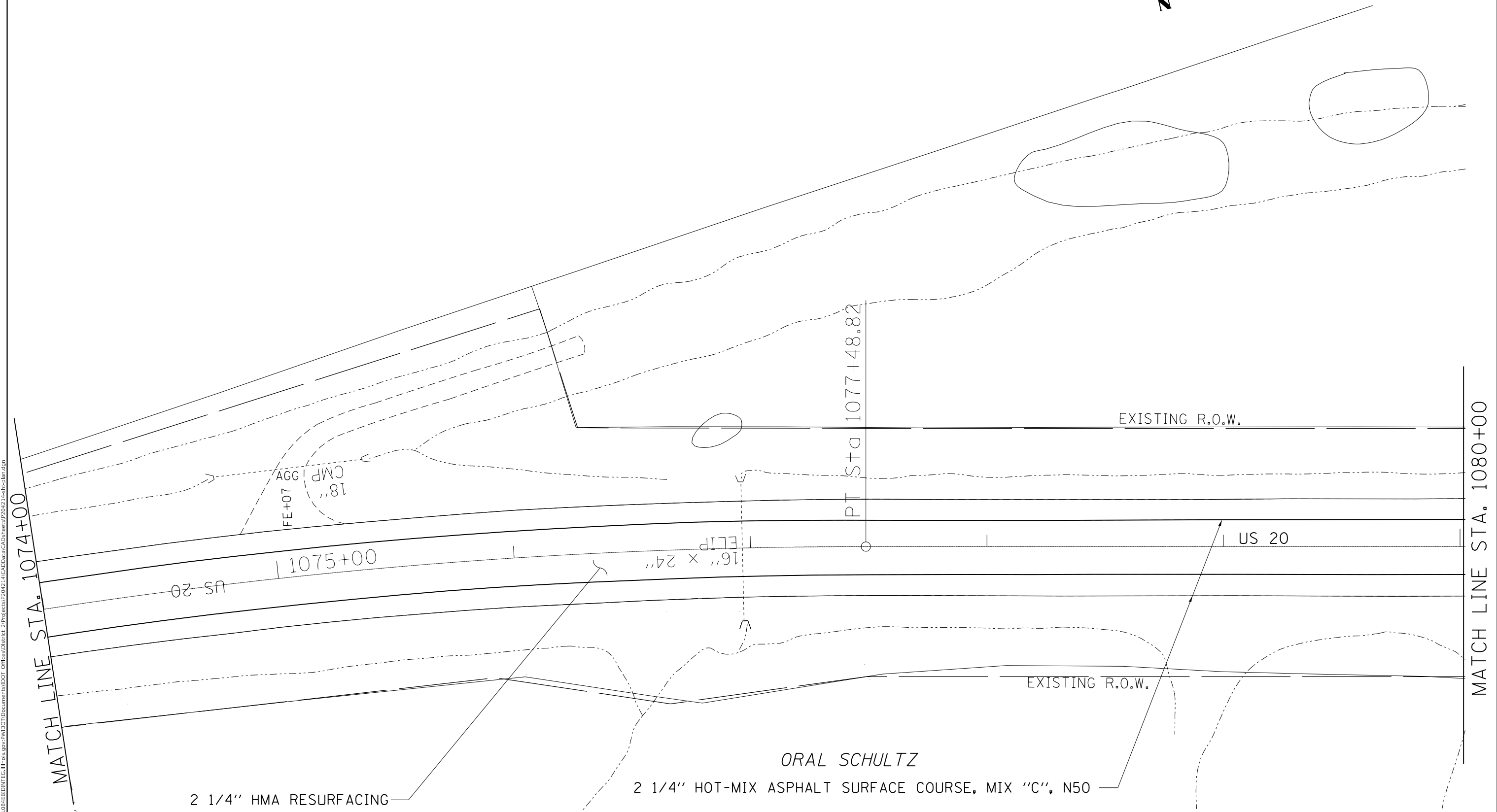
PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	29
CONTRACT NO. 64K22				
		ILLINOIS	FED. AID PROJECT	

PLAN SHEET

ORAL SCHULTZ



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2 1/4" HMA RESURFACING

ORAL SCHULTZ
 2 1/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

USER NAME = ankneyde	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

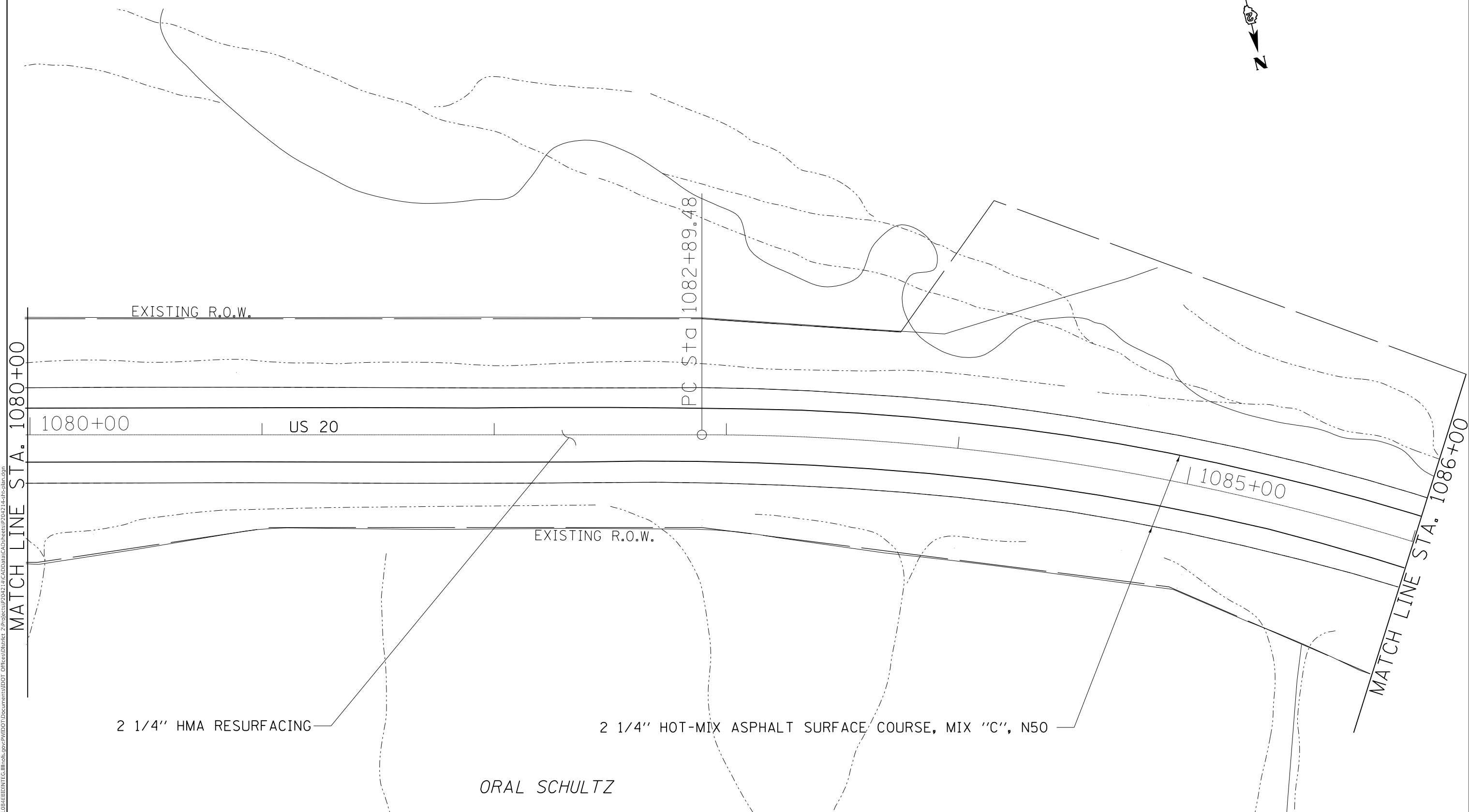
PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	30
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET

ORAL SCHULTZ



ORAL SCHULTZ

MODEL: Default
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 MATCH LINE STA. 1080+00

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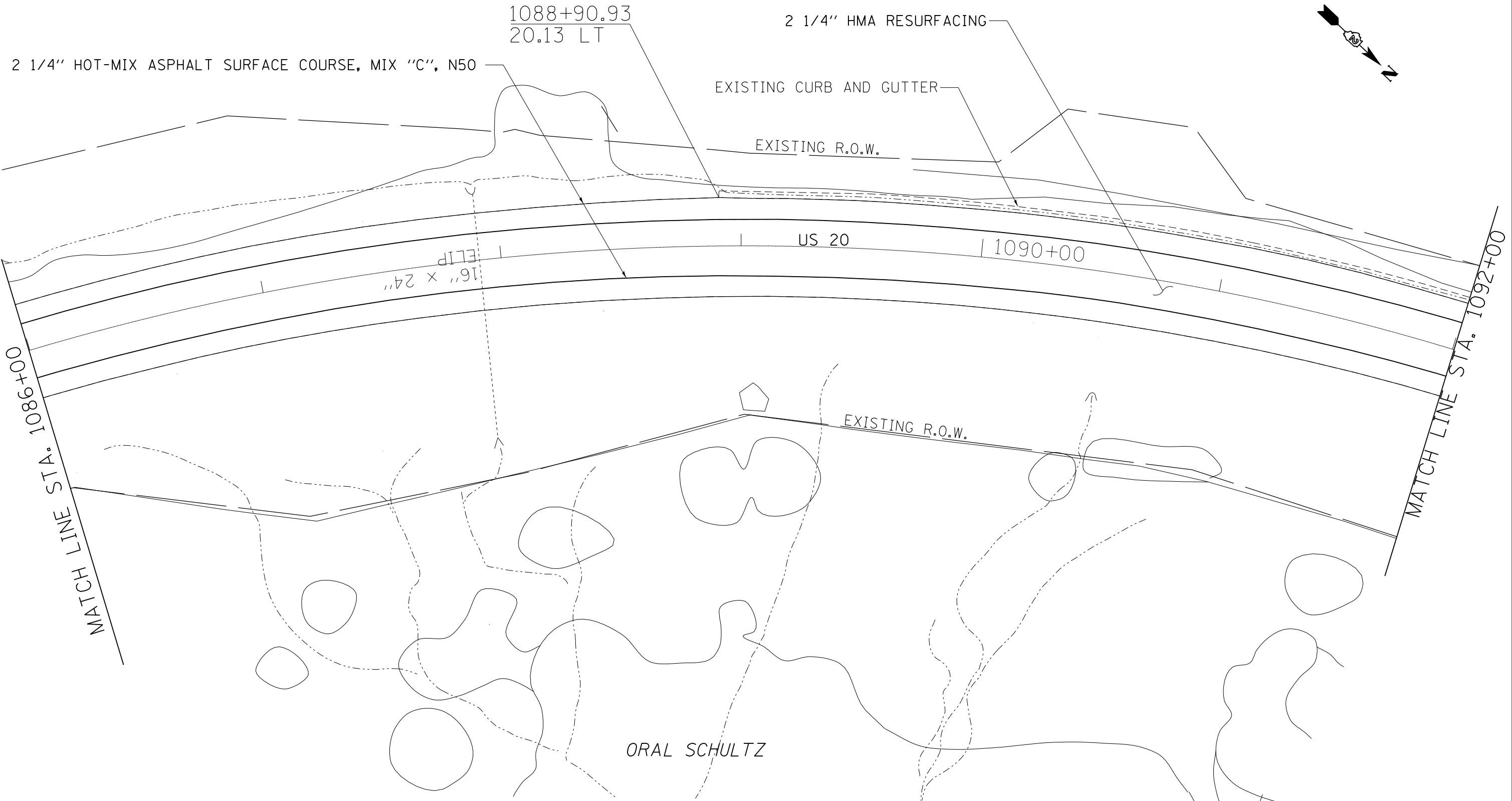
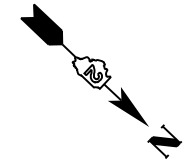
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	31
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET

PATRICIA ANN RICHARDSON



ORAL SCHULTZ

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	DRAWN -	REVISED -
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PLOT DATE = 1/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	32
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET



PATRICIA ANN RICHARDSON

EXISTING CURB AND GUTTER

START HMA SURFACE COURSE, MIX "F"
STA. 1096+09

EXISTING R.O.W.

MATCH LINE STA. 1092+00

MATCH LINE STA. 1098+00

US 20

US 20 1095+00

EXISTING R.O.W.

2 1/4" HMA RESURFACING

2 1/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N70

ORAL SCHULTZ

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PLOT DATE = 1/11/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

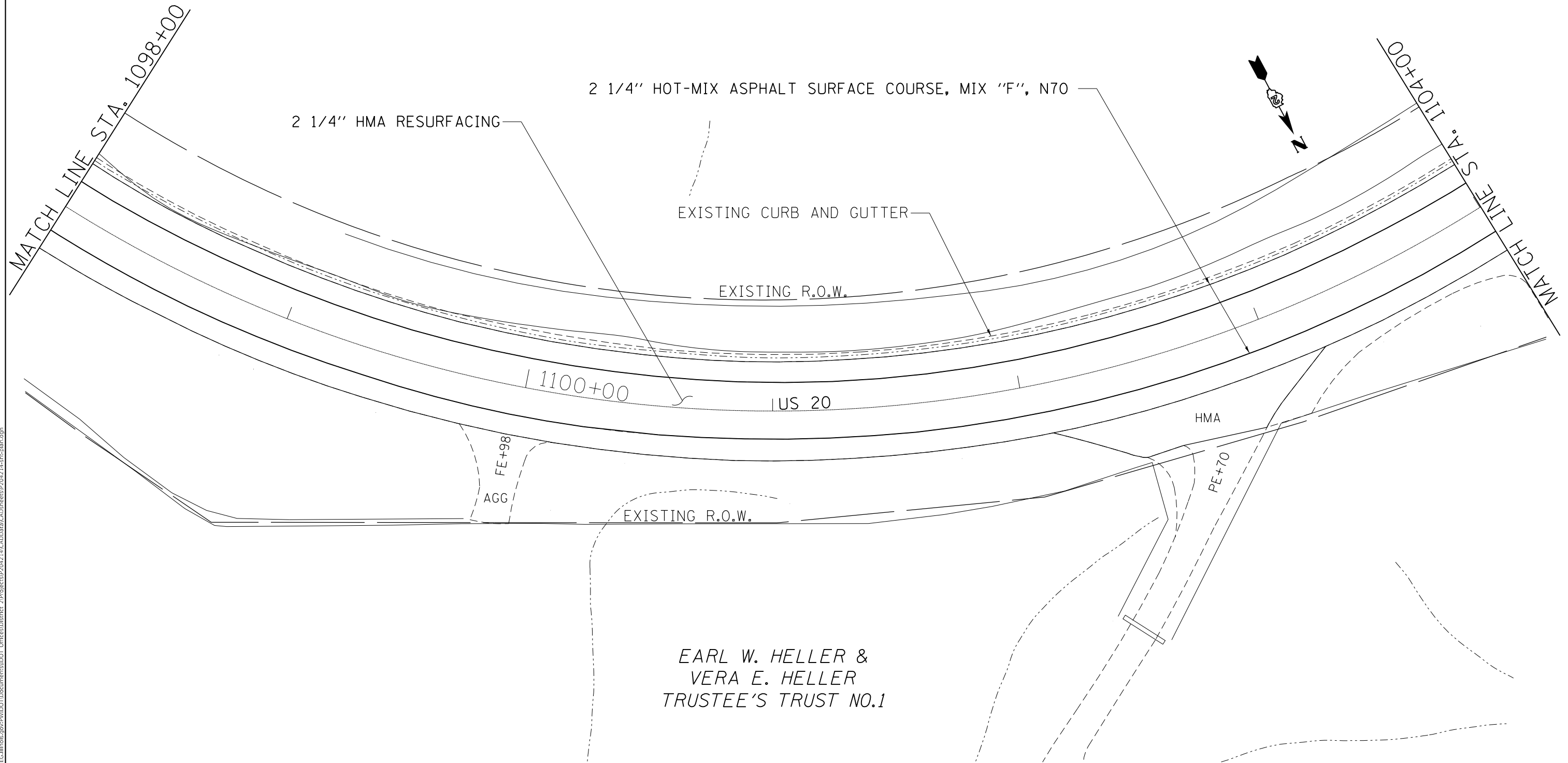
PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	33
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET

JAMES W. RICHARDSON



EARL W. HELLER &
VERA E. HELLER
TRUSTEE'S TRUST NO.1

MODEL: Default
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	DRAWN -	REVISED -
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PLOT DATE = 1/11/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

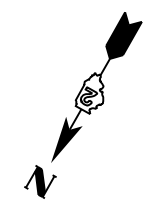
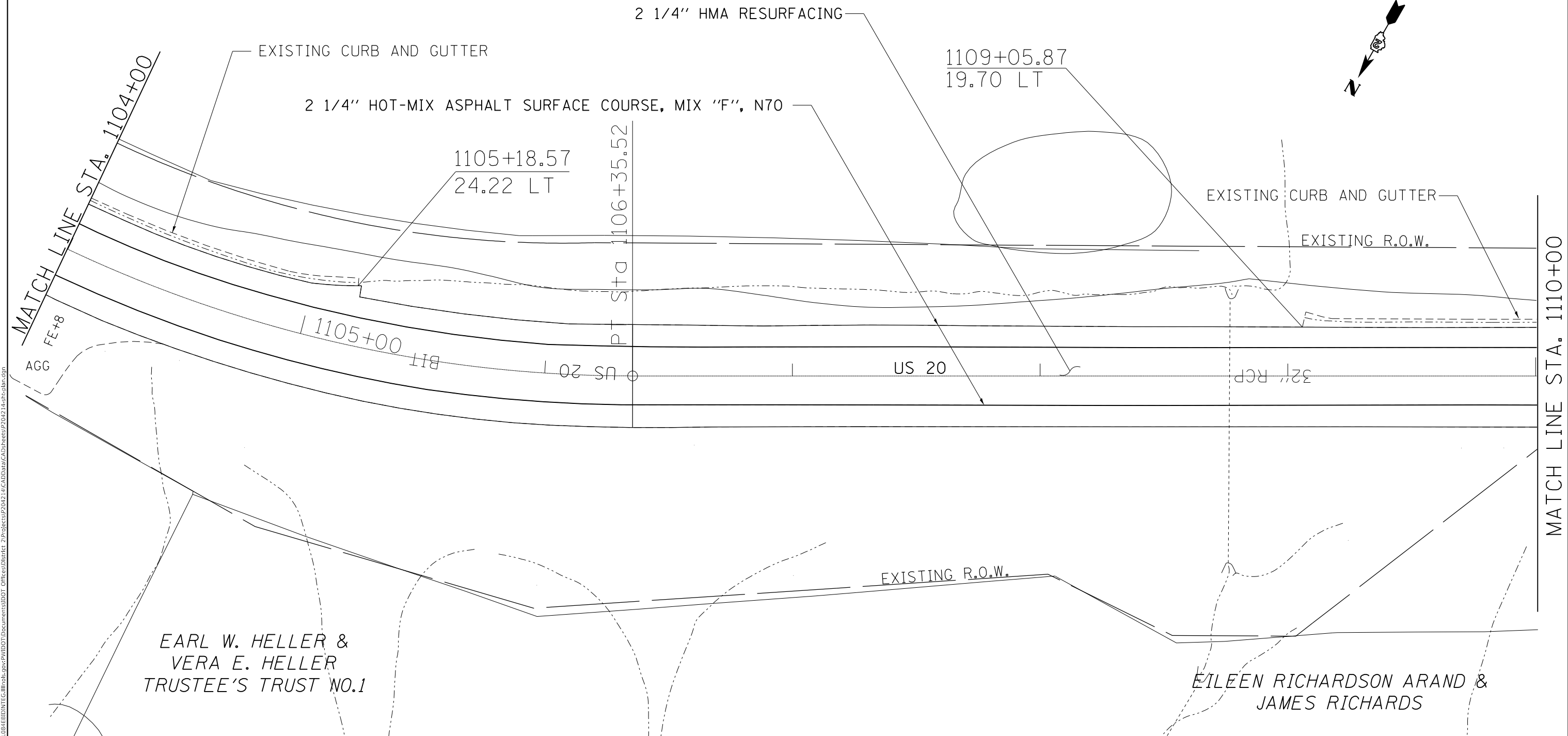
SCALE: SHEET OF SHEETS STA. TO STA.

PLAN SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	34
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET

PATRICIA ANN RICHARDSON



EARL W. HELLER &
VERA E. HELLER
TRUSTEE'S TRUST NO.1

EILEEN RICHARDSON ARAND &
JAMES RICHARDS

MODEL: Default
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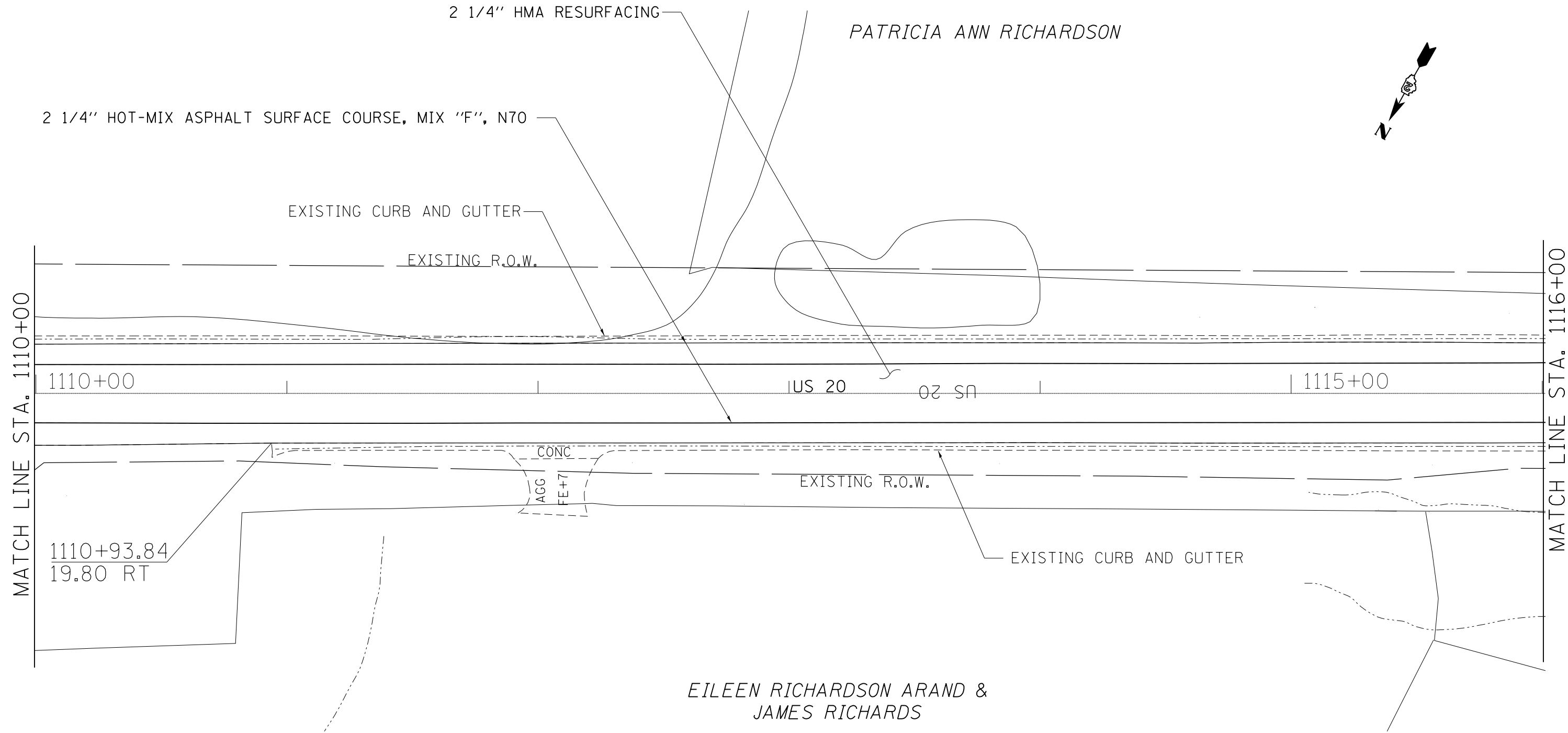
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	35
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET

PATRICIA ANN RICHARDSON



EILEEN RICHARDSON ARAND &
JAMES RICHARDS

MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

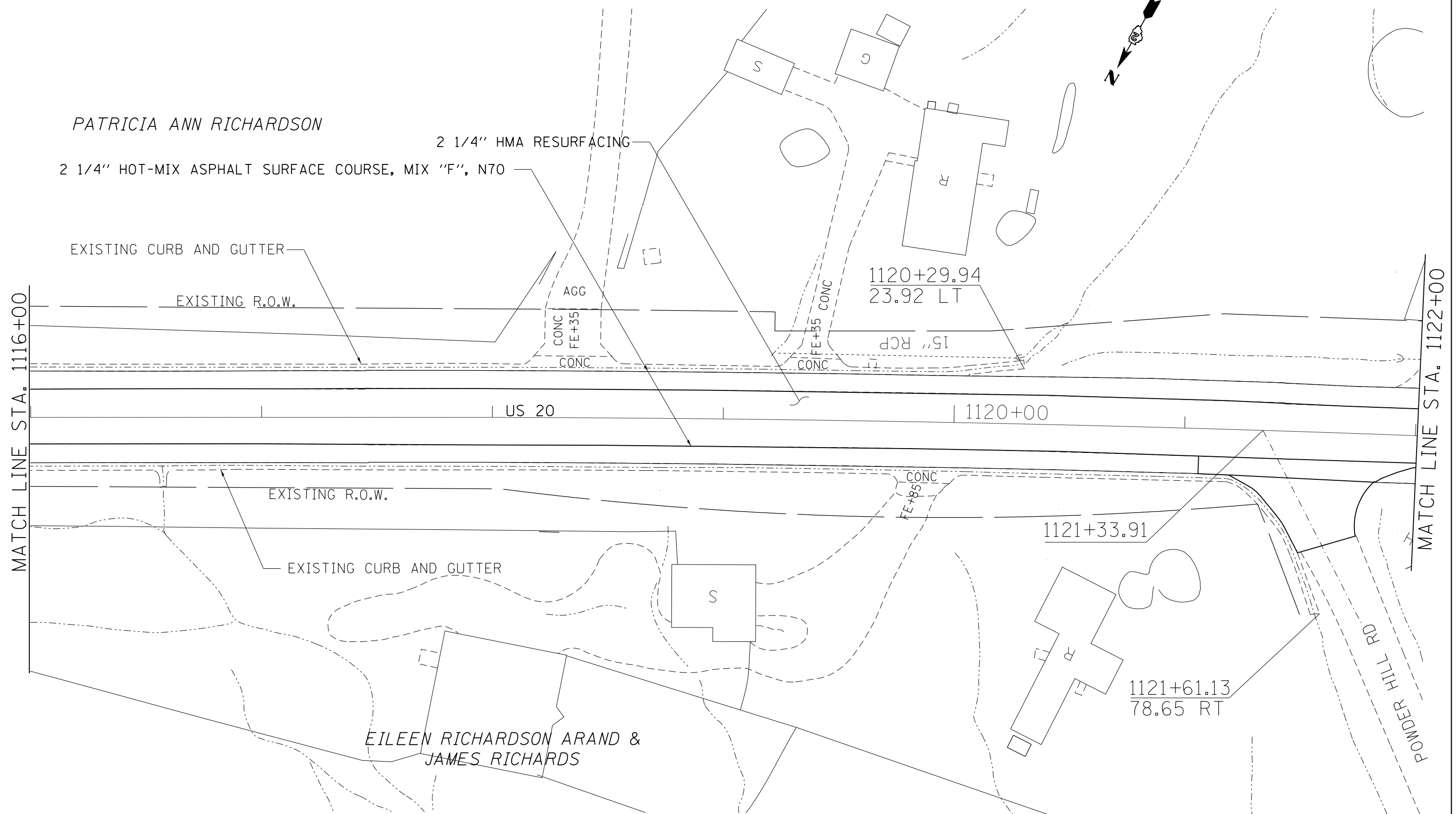
PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	36
CONTRACT NO. 64K22			ILLINOIS FED. AID PROJECT	

PLAN SHEET

WILLIAM M. MURPHY
ELIZABETH M. MURPHY



MODEL: Default
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PLOT DATE = 1/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

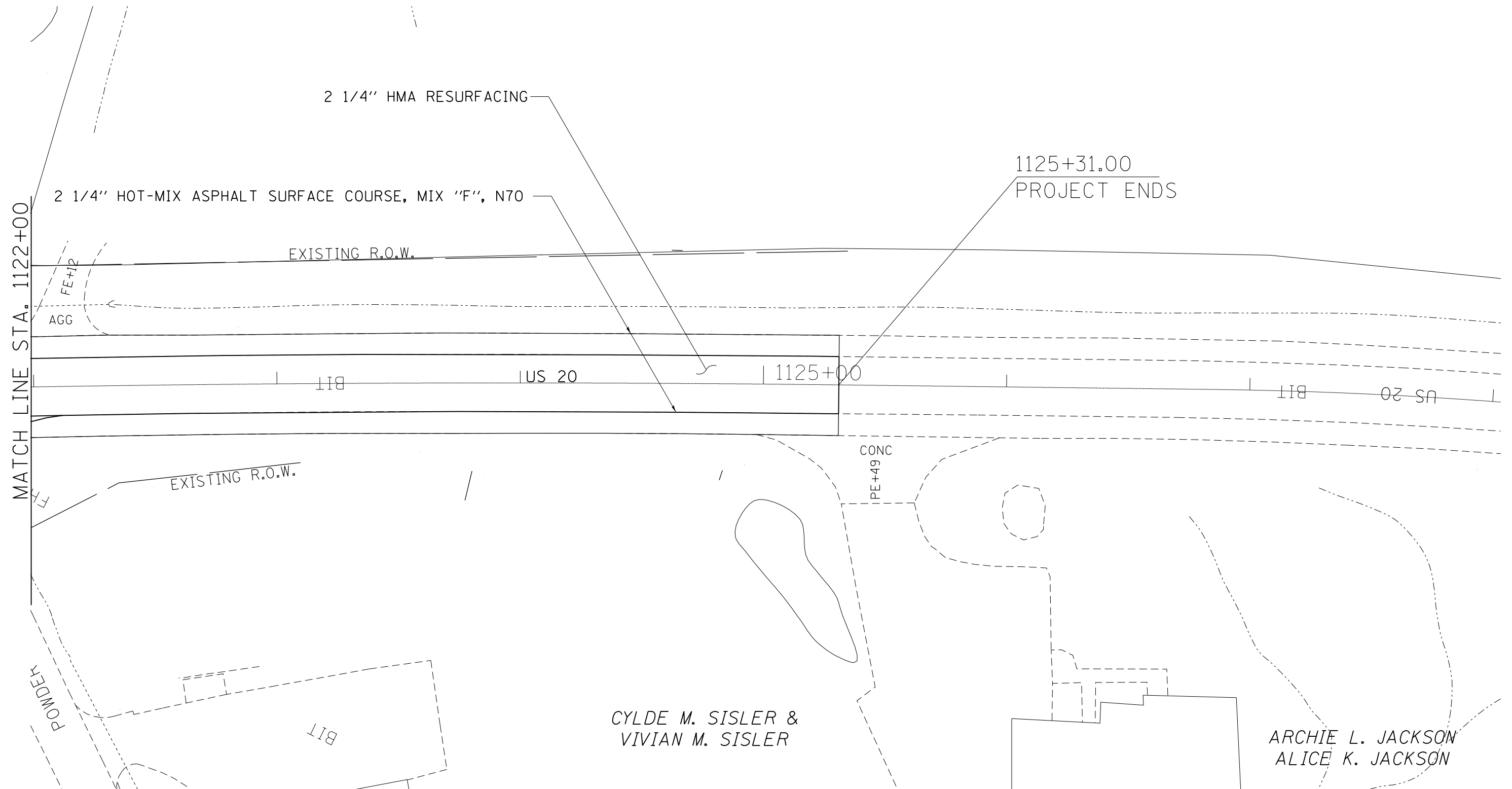
PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	37
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PLAN SHEET

PATRICIA ANN RICHARDSON



CYLDE M. SISLER &
VIVIAN M. SISLER

ARCHIE L. JACKSON
ALICE K. JACKSON

MODEL: Default
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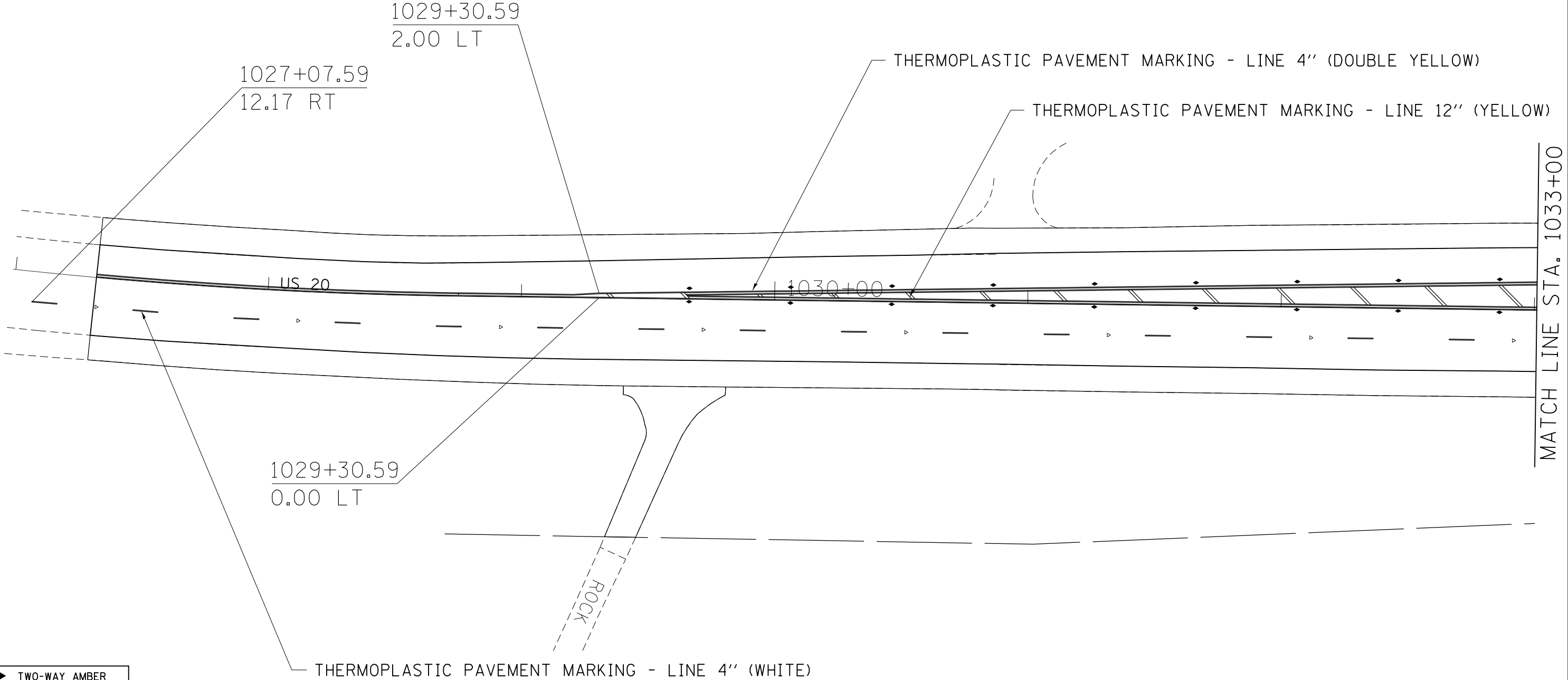
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	38
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING



MATCH LINE STA. 1033+00

- ◆ TWO-WAY AMBER
- ◁ ONE-WAY CRYSTAL

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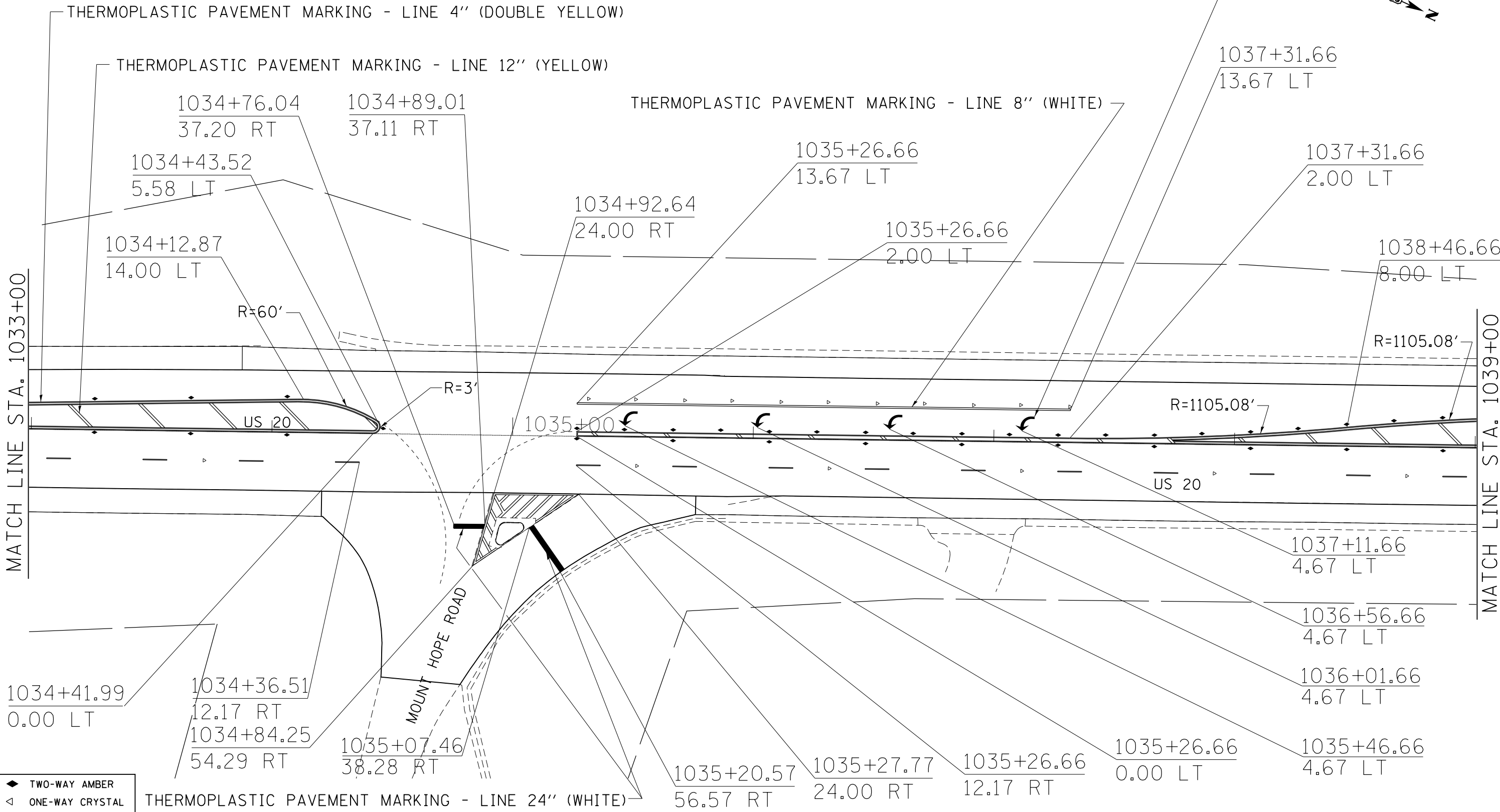
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PPAVEMENT MARKING				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	39
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)



- ◆ TWO-WAY AMBER
- ◁ ONE-WAY CRYSTAL

THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

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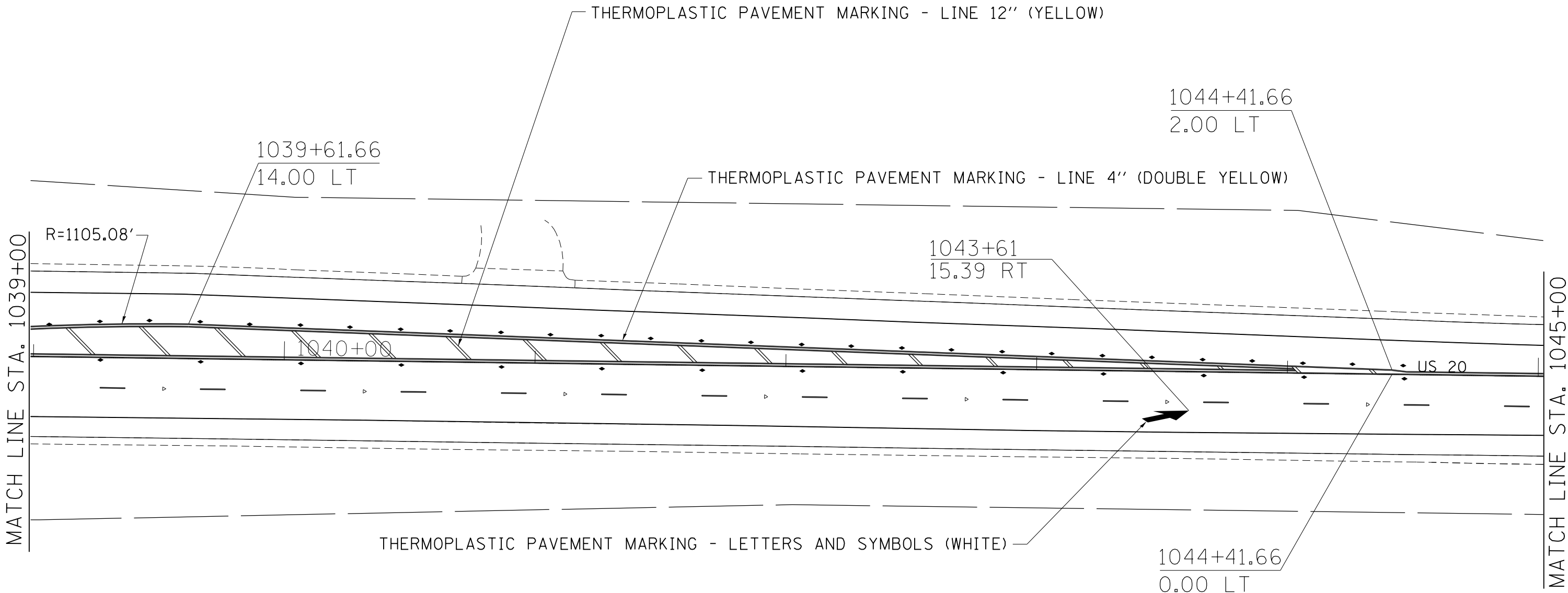
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DRAWN -	REVISD -	
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PLOT DATE = 1/11/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	40
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING



- ◆ TWO-WAY AMBER
- △ ONE-WAY CRYSTAL

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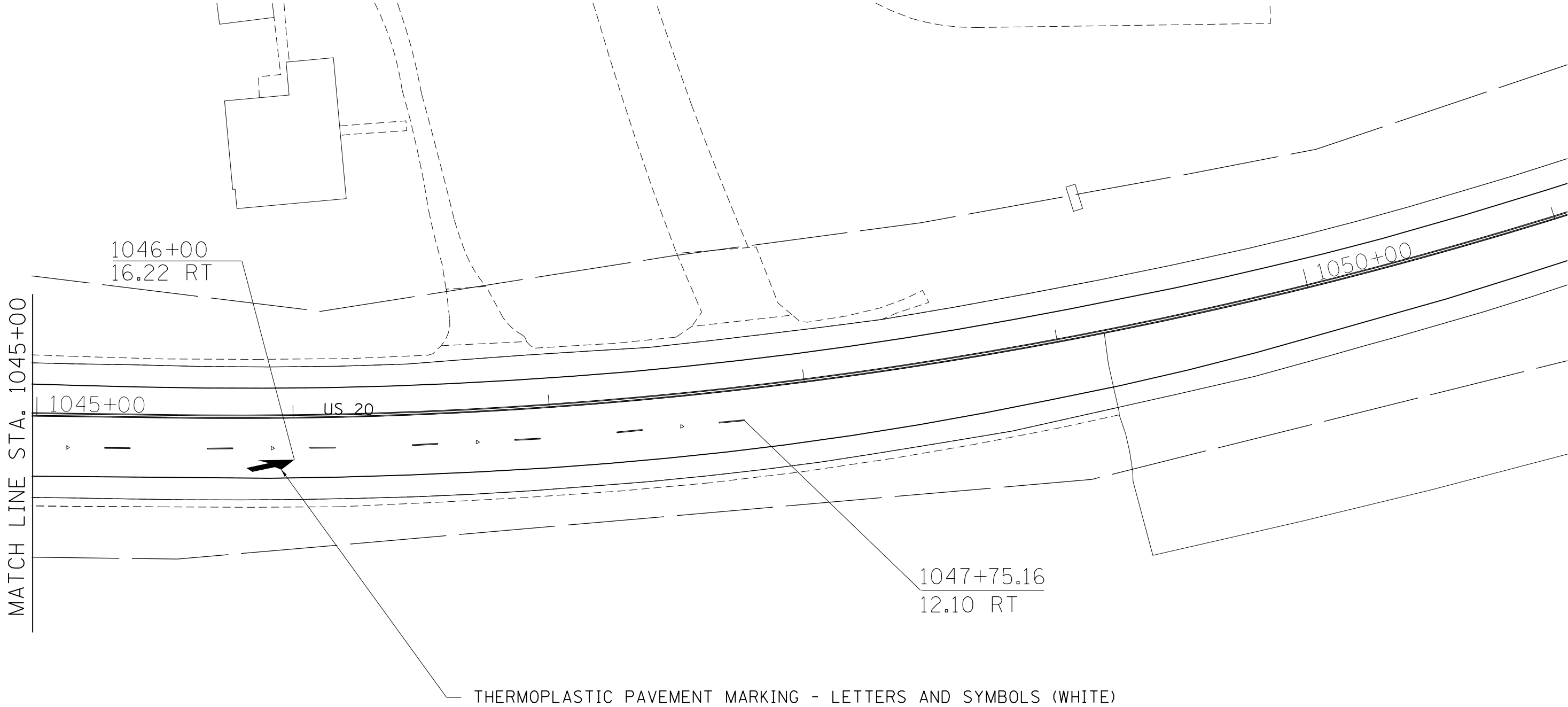
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PLOT DATE = 1/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PPAVEMENT MARKING	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	41
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING



- ◆ TWO-WAY AMBER
- ◁ ONE-WAY CRYSTAL

USER NAME = ankneyde	DESIGNED -	REVISED -
DRAWN -	REVISED -	
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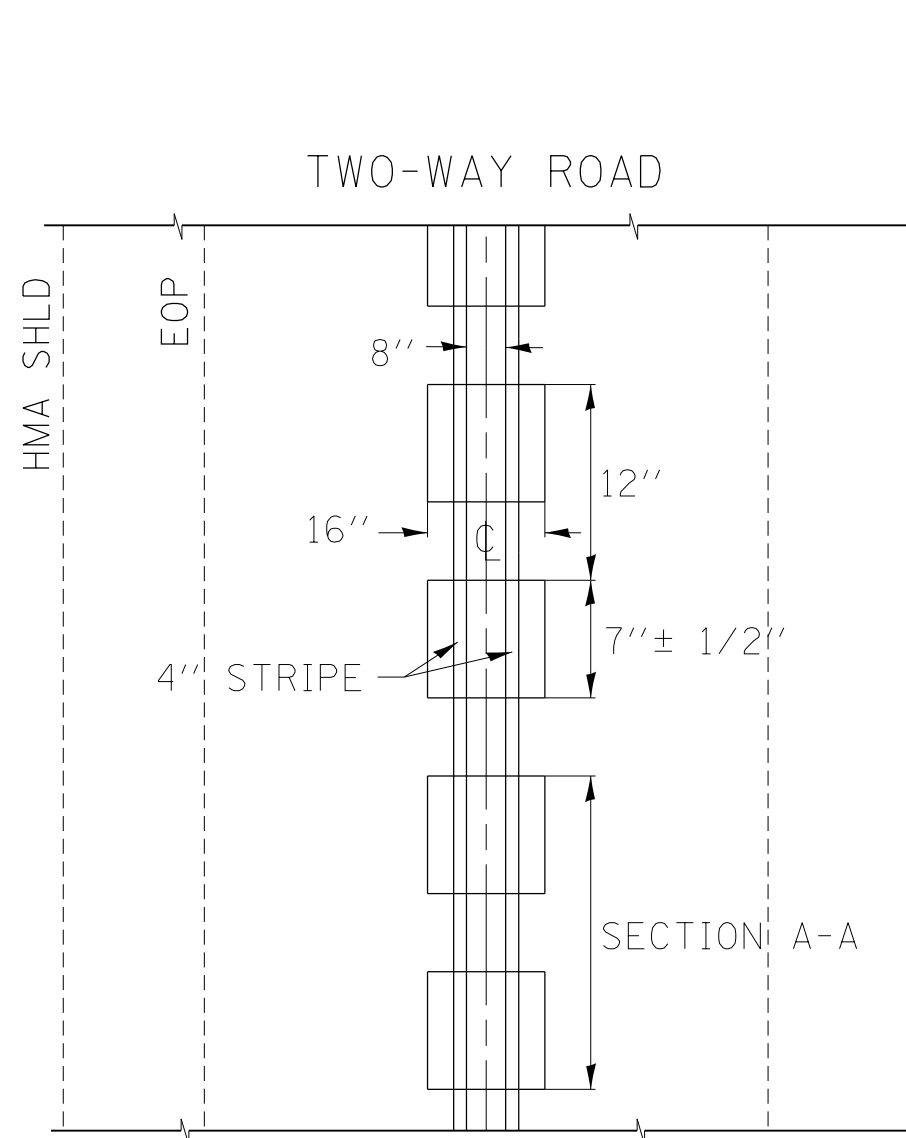
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PPAVEMENT MARKING	
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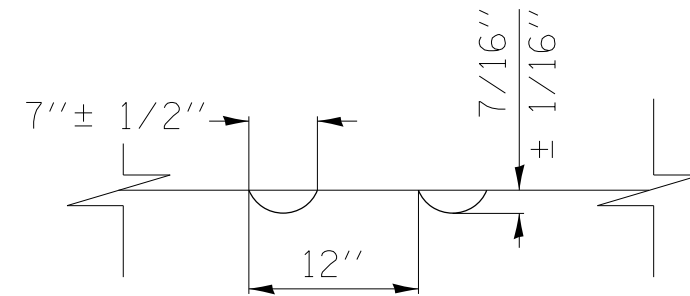
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29R5-6	JO DAVIESS	56	42
CONTRACT NO. 64K22				
ILLINOIS FED. AID PROJECT				

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CENTER LINE – RUMBLE STRIP – 16" DETAIL



SECTION A-A



GENERAL NOTES:

* THIS WORK WILL BE DONE ACCORDING TO SECTION 642 OF THE SPECIFICATION BOOK EXCEPT AS FOLLOWS.

SEE STANDARD 780001 FOR STRIPING.

RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.

ALL RUMBLE STRIPS SHALL BE MILLED.

CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.

DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

WHERE USED , ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

CENTERLINE RUMBLE STRIPS SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS.

* METHOD OF MEASUREMENT: THIS WORK WILL BE MEASURED FOR PAYMENT IN FEET ALONG THE CENTERLINE.

* THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTER LINE - RUMBLE STRIP - 16".

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	DRAWN -	REVISED -
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PLOT DATE = 1/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

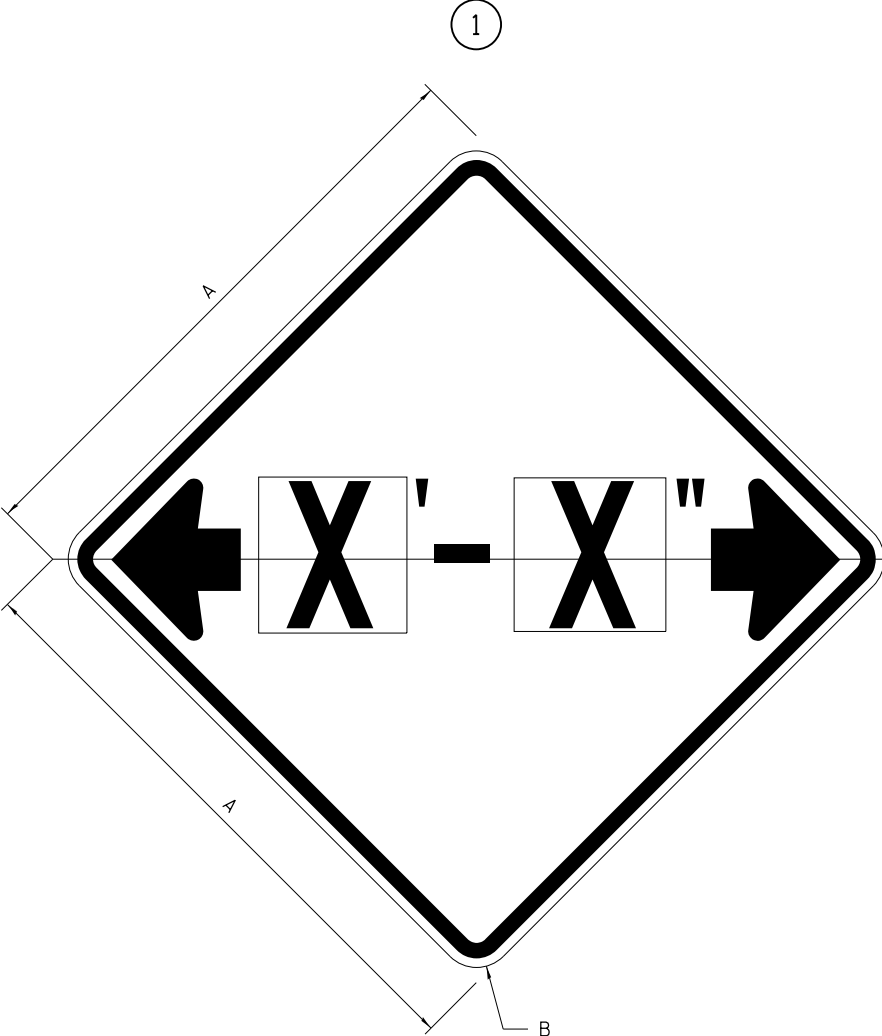
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

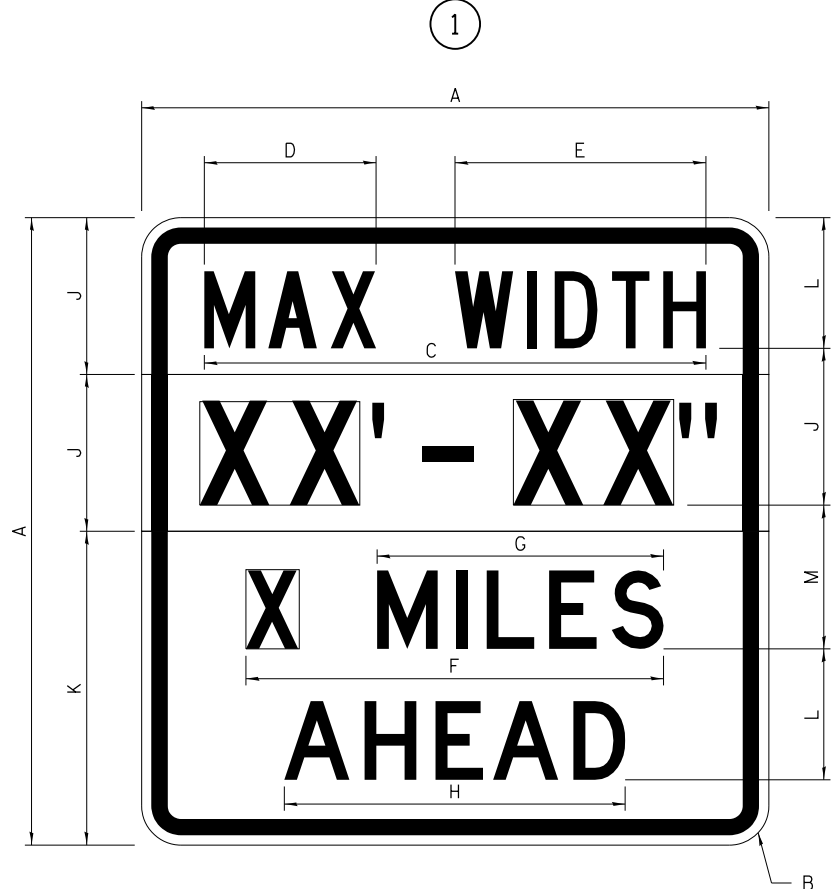
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	43
CONTRACT NO. 64K22			ILLINOIS FED. AID PROJECT	

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



ILLINOIS STANDARD W12-I103



GENERAL NOTES

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

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

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

All dimensions are in inches unless otherwise noted.

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

SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

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

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

Sign not to scale

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

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

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

Sign not to scale

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

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

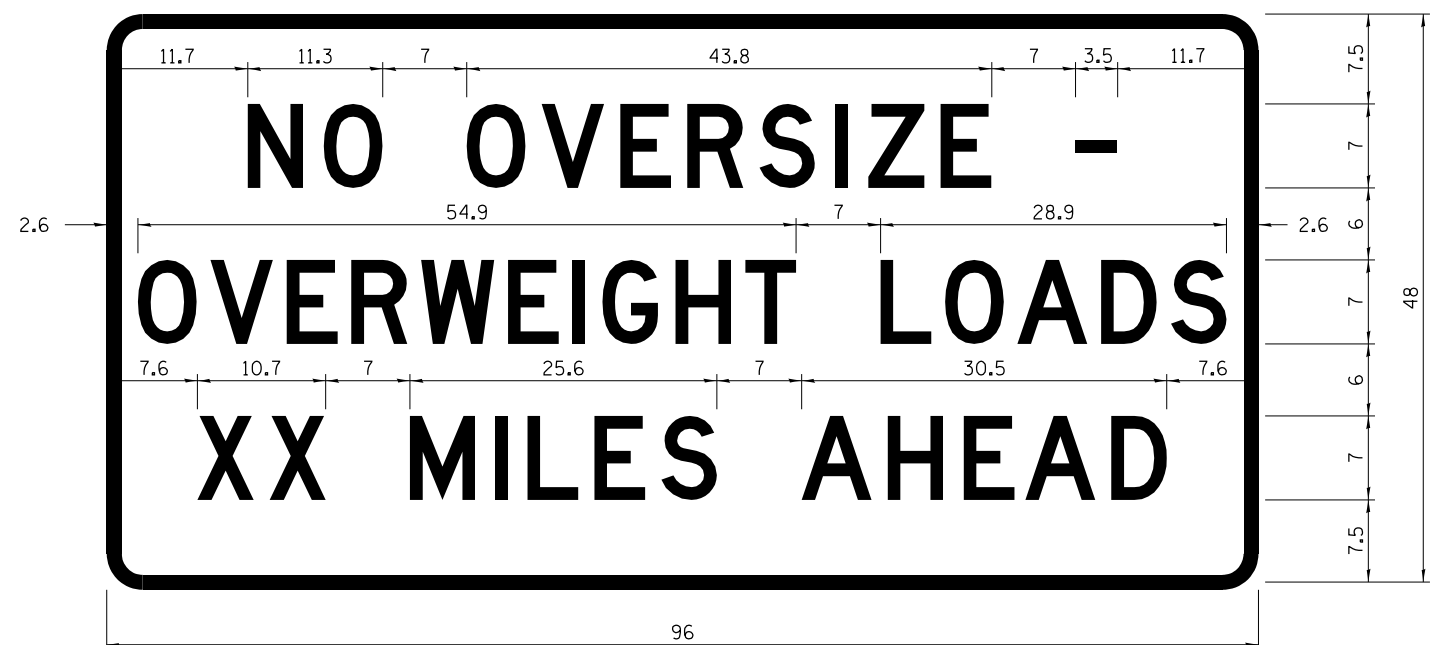
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	45
CONTRACT NO. 64K22				
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
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COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	NON-REFLECTORIZED REFLECTORIZED
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Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;
 [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;
 Table of letter and object lefts.

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

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

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

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

Sign not to scale

Sign not to scale

GENERAL NOTES

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

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

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

All dimensions are in inches unless otherwise noted.

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pw\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2018\2018-12-18\Drawings\CADsheets\204214-shr-detail.rvt		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

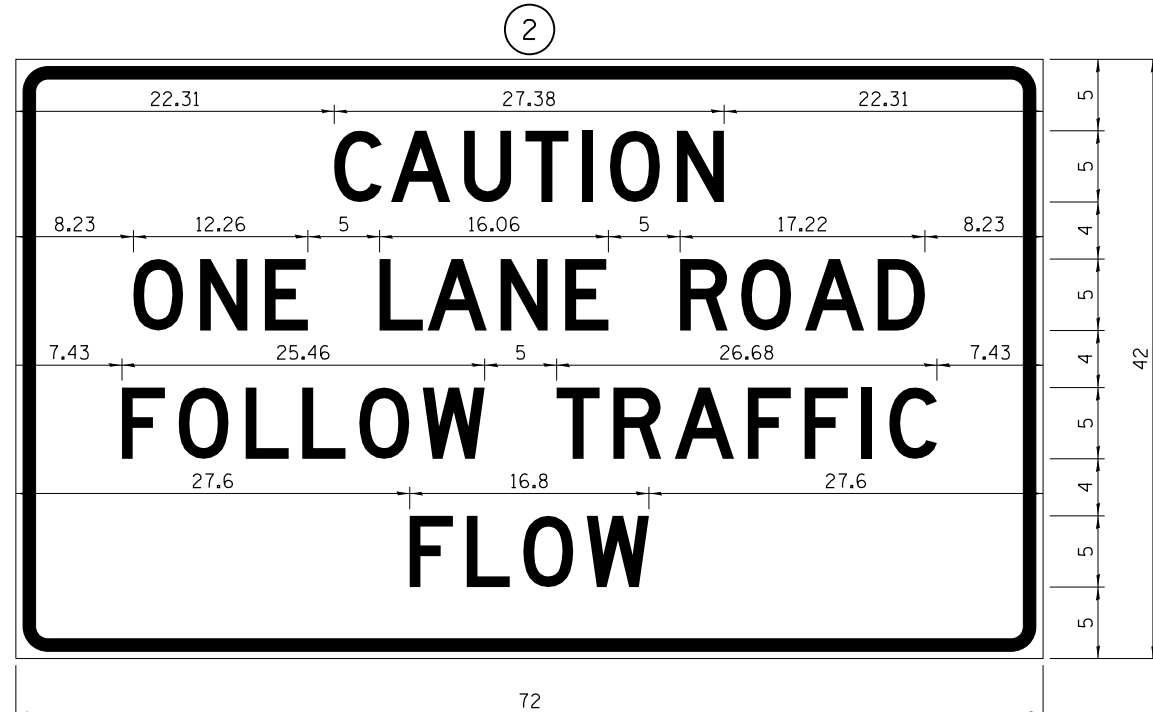
REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	46
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K22	

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS



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
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8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
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5.00	L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05
------	---	------	------	---	------	------	---	------	------	---	------

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

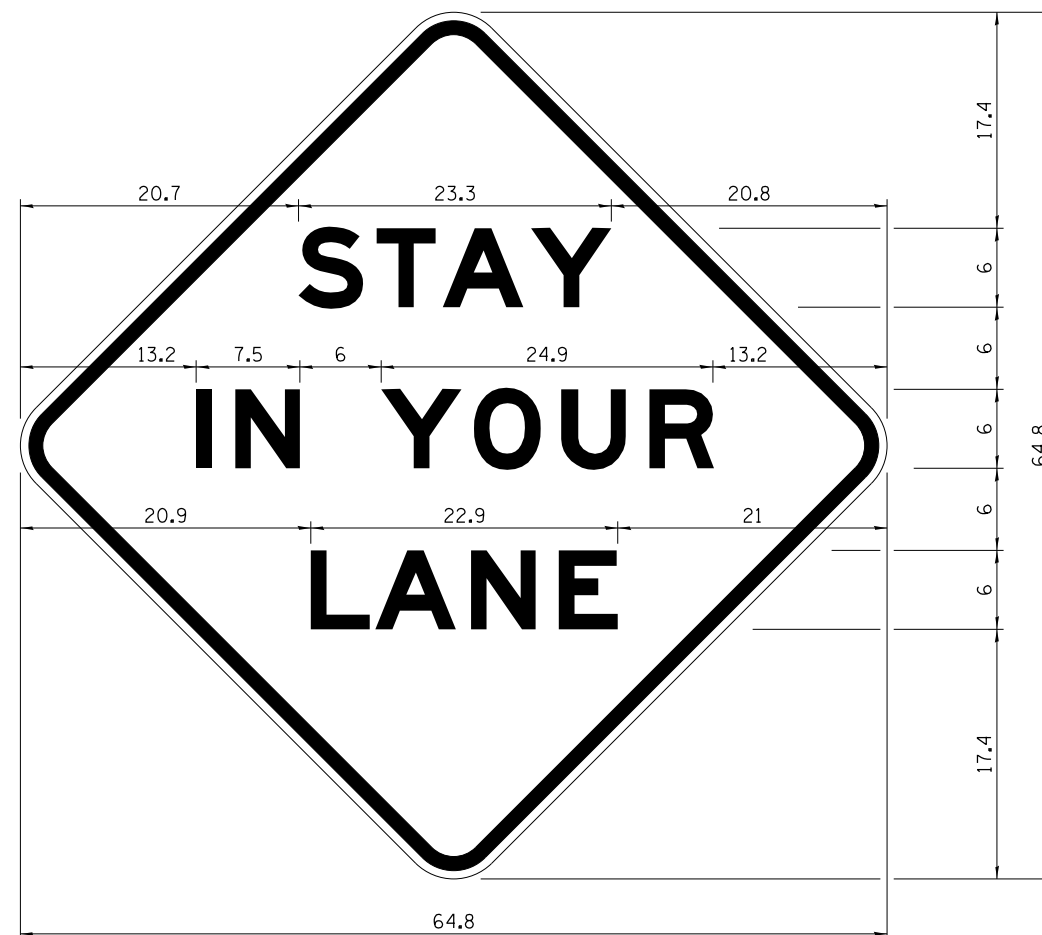
7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

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

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

Sign not to scale

STAY IN YOUR LANE



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

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

Table of Letter and Object Lefts

S	T	A	Y
20.7	26.8	31.6	38.0

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

L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

GENERAL NOTES

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

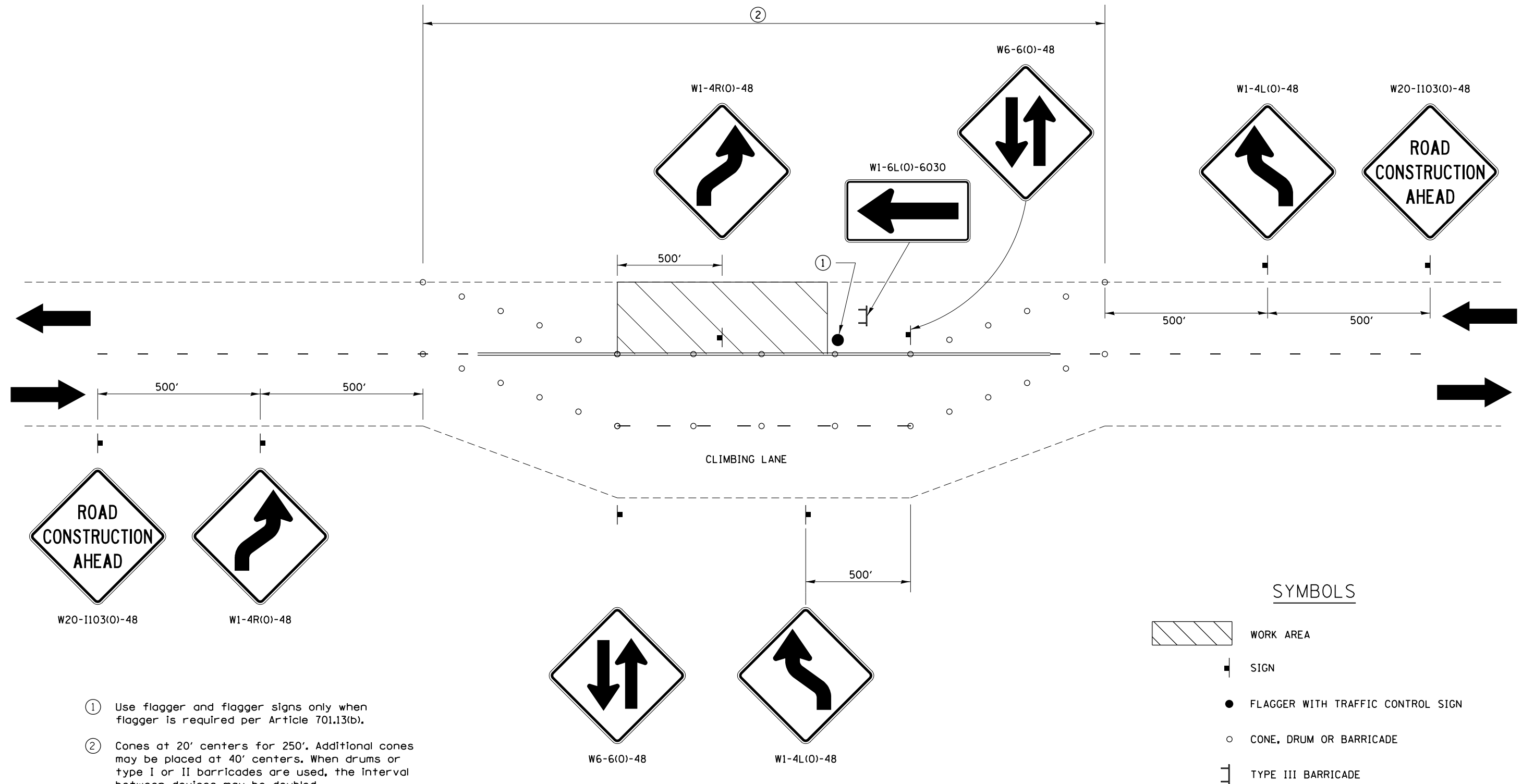
All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

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

All dimensions are in inches unless otherwise noted.






FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
		CHECKED -	REVISED -			301	29RS-6	JO DAVIENS	56	47	
		DATE =	REVISED -			CONTRACT NO. 64K22					
PLOT SCALE = 100.0000' / 1"		PLOT DATE = 1/11/2018				SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

TRAFFIC CONTROL FOR THREE LANE SECTION CASE 1



- ① Use flagger and flagger signs only when flagger is required per Article 701.13(b).
- ② Cones at 20' centers for 250'. Additional cones may be placed at 40' centers. When drums or type I or II barricades are used, the interval between devices may be doubled.

SYMBOLS

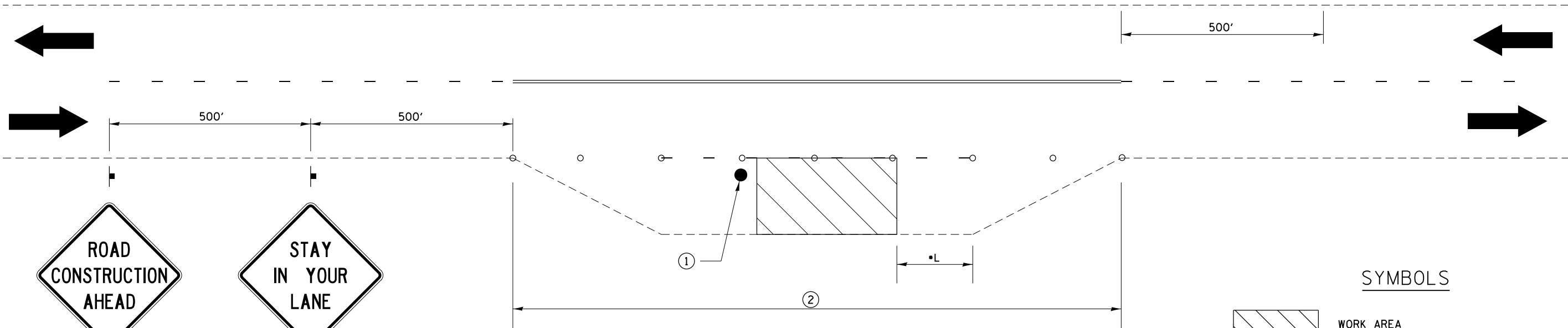
	WORK AREA
	SIGN
	FLAGGER WITH TRAFFIC CONTROL SIGN
	CONE, DRUM OR BARRICADE
	TYPE III BARRICADE

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED - 8-27-13			301	29RS-6	JO DAVIESS	56	48	
		CHECKED -	REVISED - 7-30-13			SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 64K22			
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

TRAFFIC CONTROL FOR THREE LANE SECTION CASE 2

W20-1103(0)-48



SYMBOLS

- WORK AREA
- SIGN
- FLAGGER WITH TRAFFIC CONTROL SIGN
- CONE, DRUM OR BARRICADE

- ① Use flagger and flagger signs only when flagger is required per Article 701.13(b).
- ② Cones at 20' centers for 250'. Additional cones may be placed at 40' centers. When drums or type I or II barricades are used, the interval between devices may be doubled.

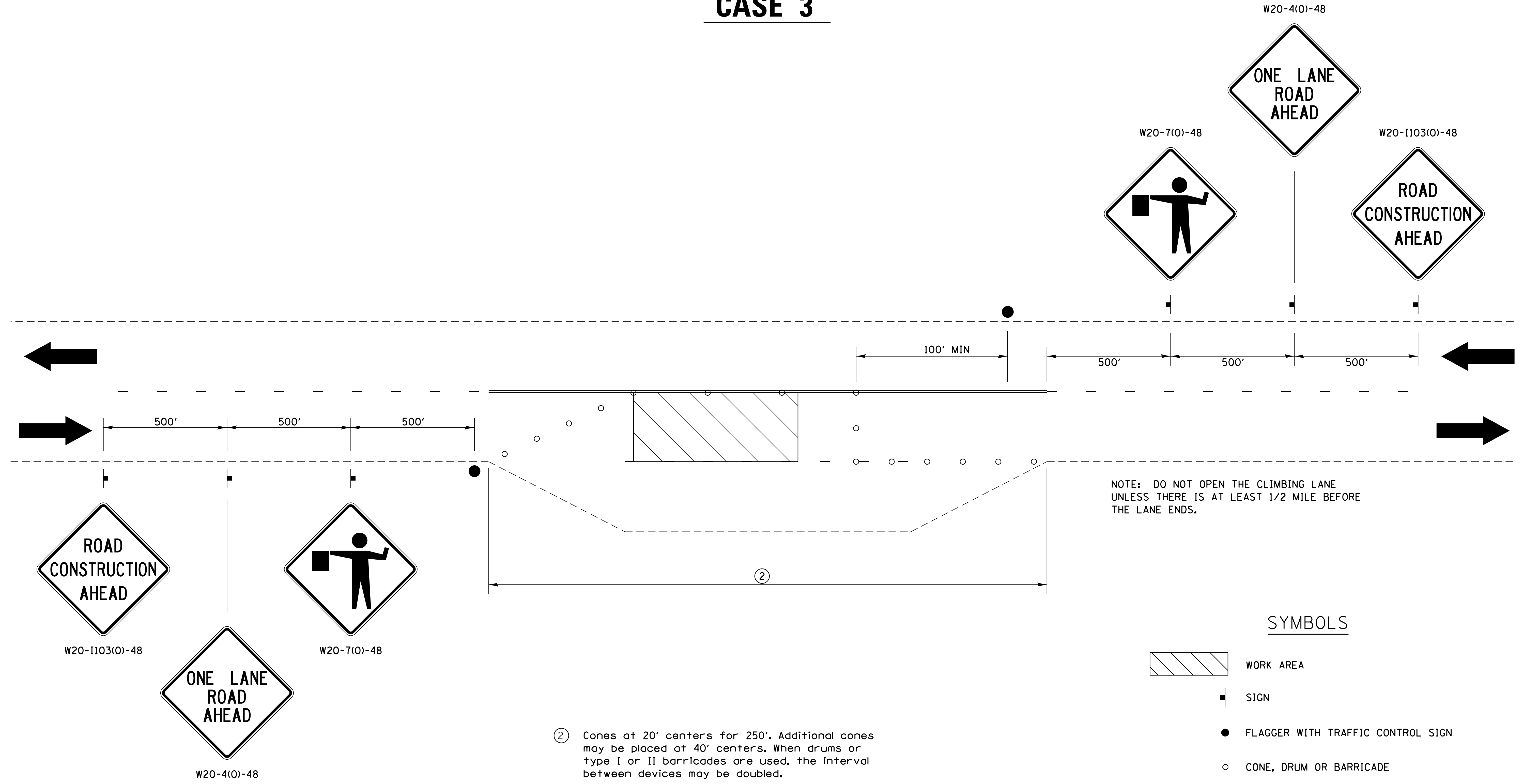
THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

*IF THE WORK ENDS WITHIN 2500 FEET OF THE TRANSITION WHEN THE SPEED IS > 40 MPH OR 1500 FEET FOR ALL OTHER SPEEDS, THE CLIMBING LANE SHALL REMAIN CLOSED AS SHOWN.

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			REVISED - 8-27-13										
		CHECKED -	REVISED - 7-30-13										
		DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

TRAFFIC CONTROL FOR THREE LANE SECTION

CASE 3



② Cones at 20' centers for 250'. Additional cones may be placed at 40' centers. When drums or type I or II barricades are used, the interval between devices may be doubled.

NOTE: DO NOT OPEN THE CLIMBING LANE UNLESS THERE IS AT LEAST 1/2 MILE BEFORE THE LANE ENDS.

SYMBOLS

- WORK AREA
- SIGN
- FLAGGER WITH TRAFFIC CONTROL SIGN
- CONE, DRUM OR BARRICADE

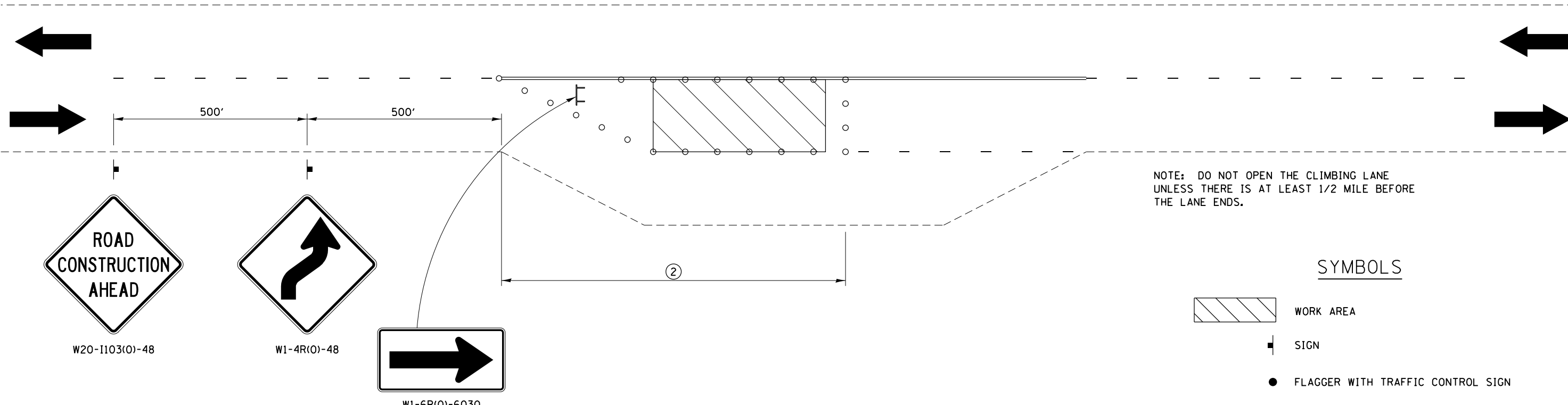
THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

FILE NAME =	USER NAME = onkneyde	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED - 8-27-13			301	29RS-6	JO DAVIESS	56	50	
			REVISED - 7-30-13			SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 64K22			
			REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

TRAFFIC CONTROL FOR THREE LANE SECTION






CASE 4

W20-1103(O)-48



NOTE: DO NOT OPEN THE CLIMBING LANE UNLESS THERE IS AT LEAST 1/2 MILE BEFORE THE LANE ENDS.

SYMBOLS

-  WORK AREA
-  SIGN
-  FLAGGER WITH TRAFFIC CONTROL SIGN
-  CONE, DRUM OR BARRICADE
-  TYPE III BARRICADE

② Cones at 20' centers for 250'. Additional cones may be placed at 40' centers. When drums or type I or II barricades are used, the interval between devices may be doubled.

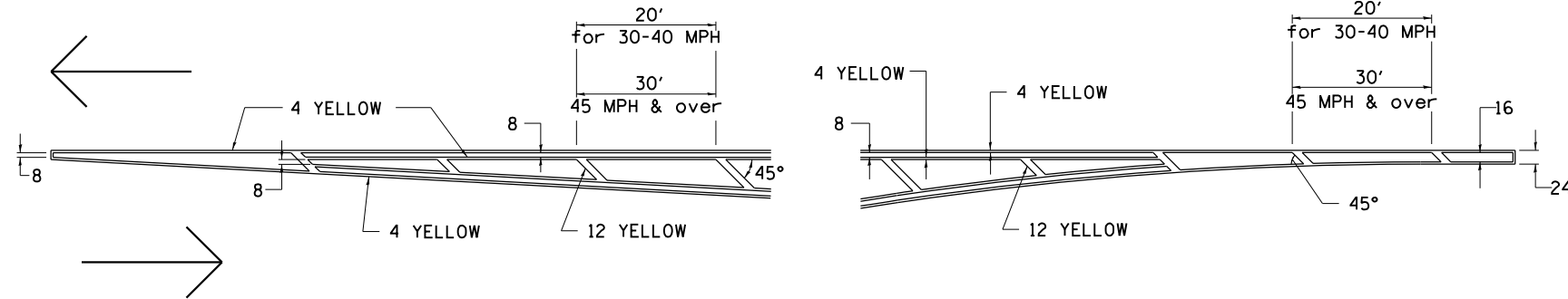
THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

CASE 4 APPLIES WHEN NO WORKERS ARE PRESENT. WHEN WORKERS ARE PRESENT, TWO LANES SHALL BE CLOSED AND TRAFFIC CONTROL SHALL BE ACCORDING TO CASE 3.

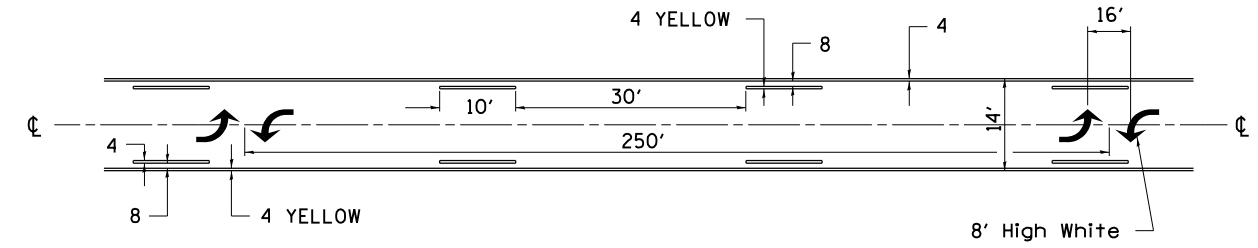
FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED - 8-27-13			301	29RS-6	JO DAVIESS	56	51	
			REVISED - 7-30-13			SCALE:		SHEET NO. OF SHEETS		STA. TO STA.	
			REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 64K22	

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

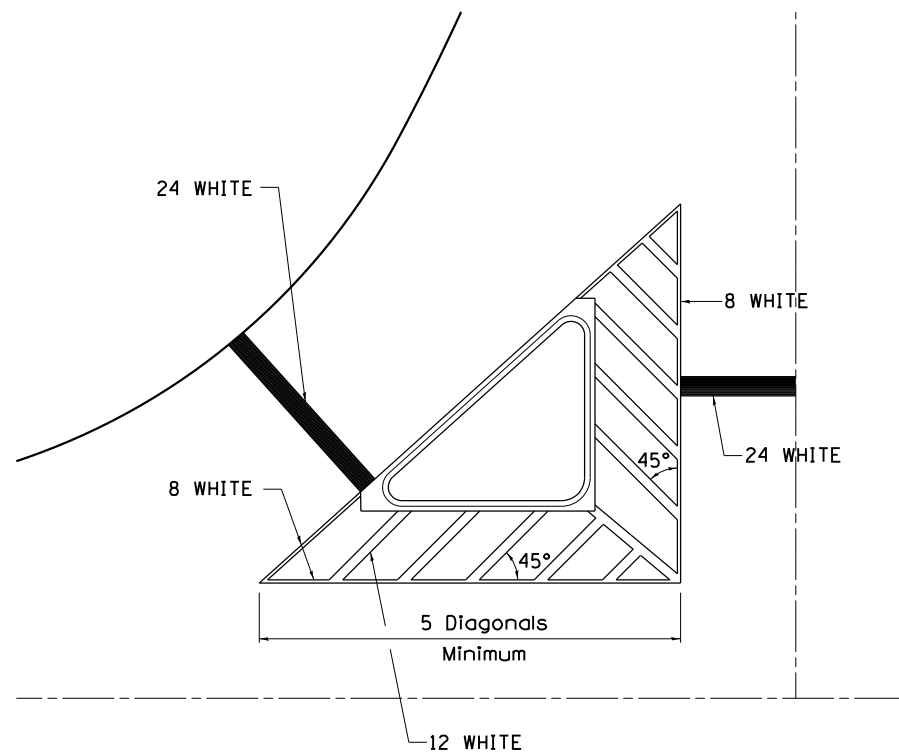


MEDIAN PAVEMENT MARKING



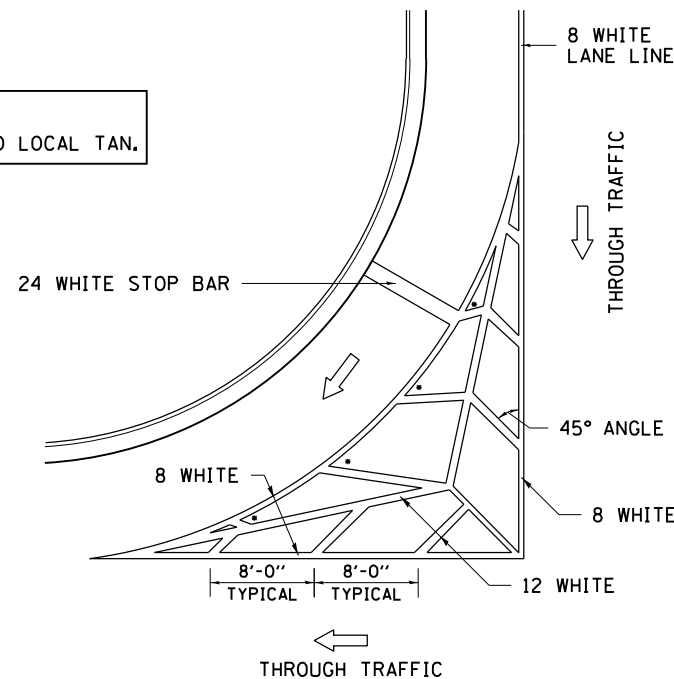
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



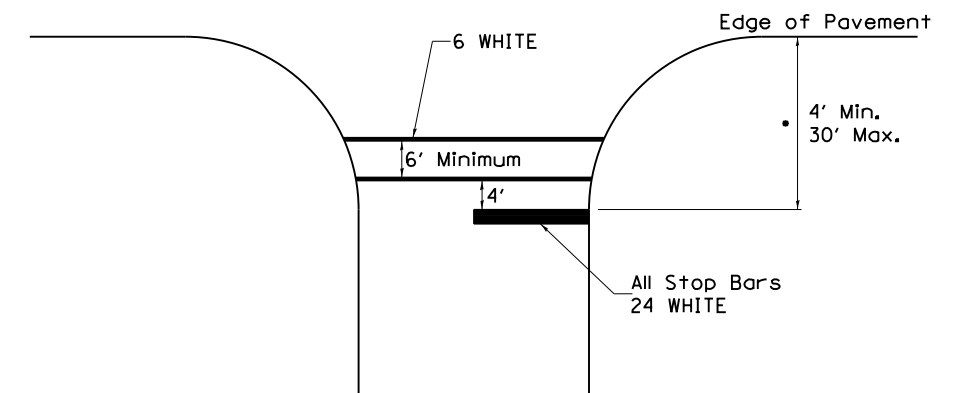
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations

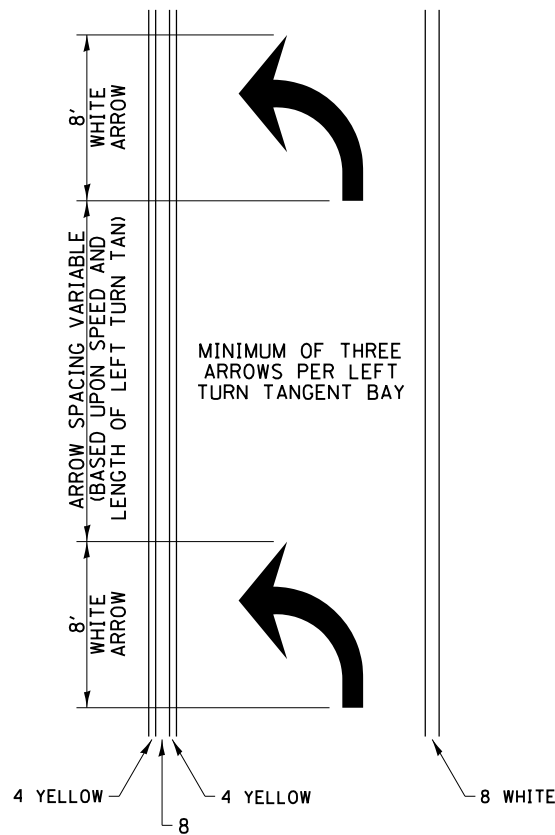


• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\P2020\Drawings\CADsheets\P2024214-shr-detailed-REVISED - 3-05-12	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					301	29RS-6	JO DAVIESS	56	52
PLOT DATE = 1/11/2018	DATE -	REVISED -			CONTRACT NO. 64K22			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			

TYPICAL PAVEMENT MARKINGS

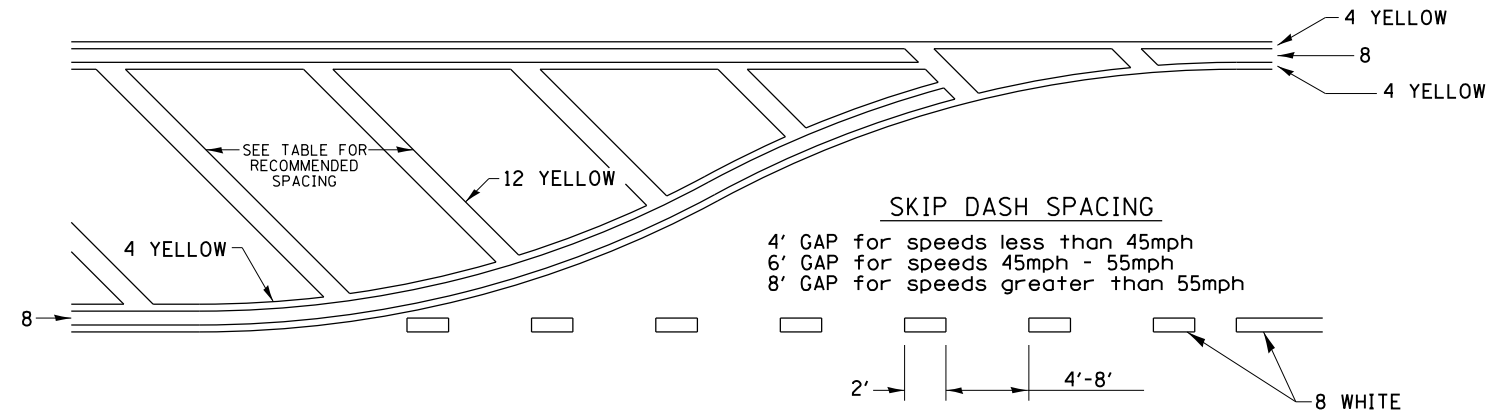
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

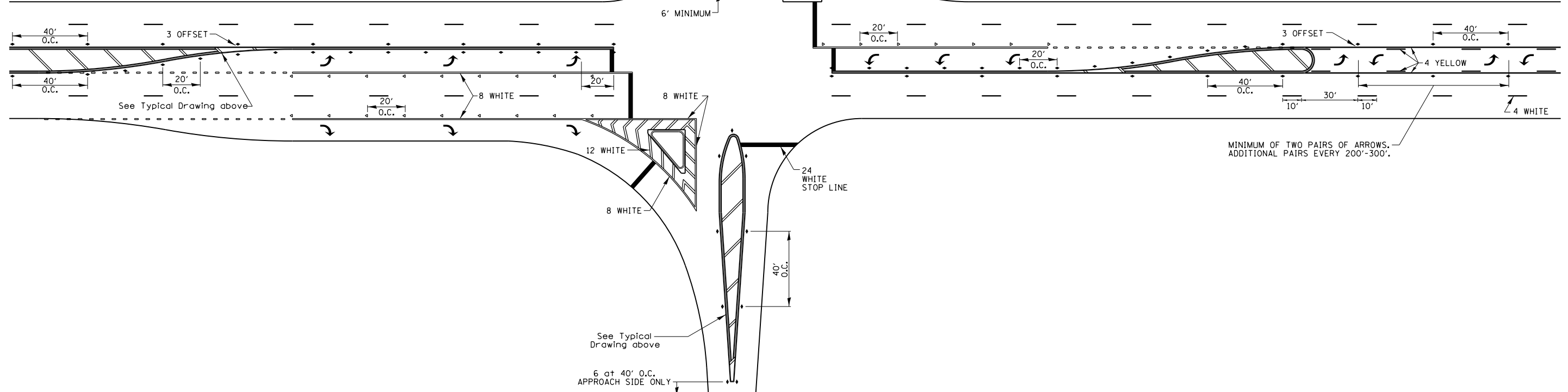
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

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

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



FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 6-27-14
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\P2020\Drawings\CADsheets\204214-shr-detail.dwg		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -
	PLOT DATE = 1/11/2018	DATE -	REVISED -

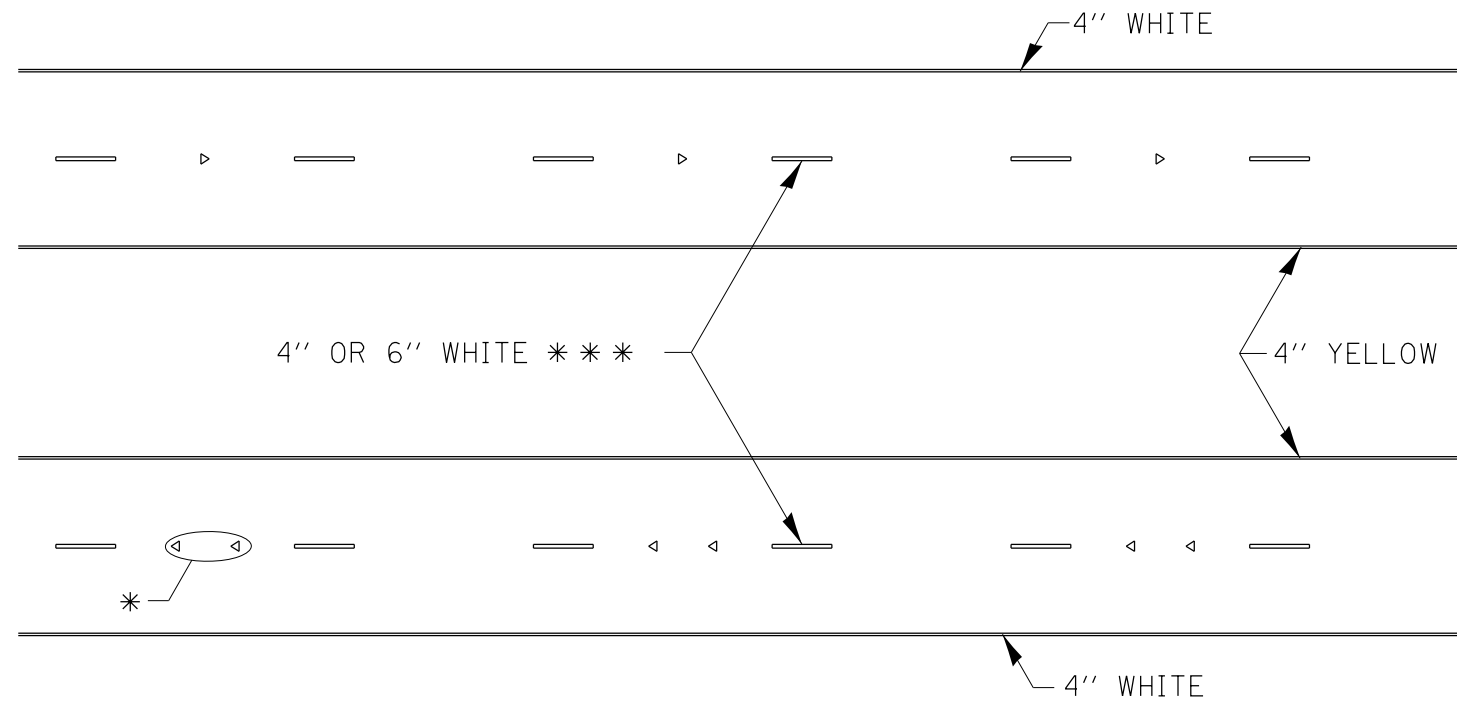
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

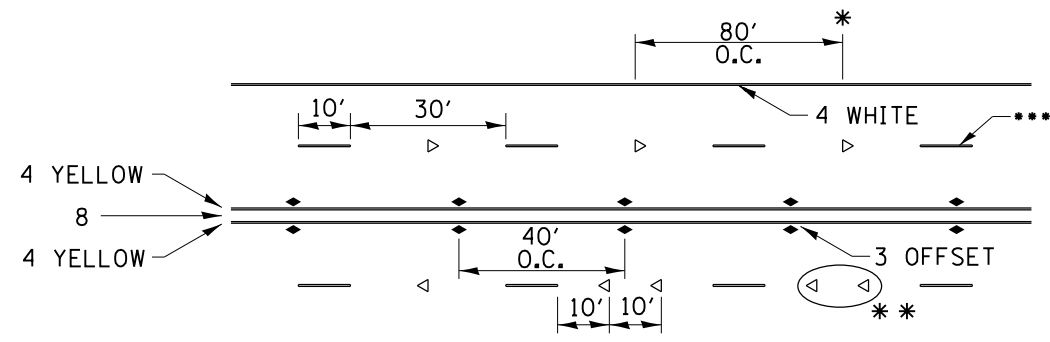
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	53
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K22	

TYPICAL PAVEMENT MARKINGS



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

MULTI-LANE / DIVIDED

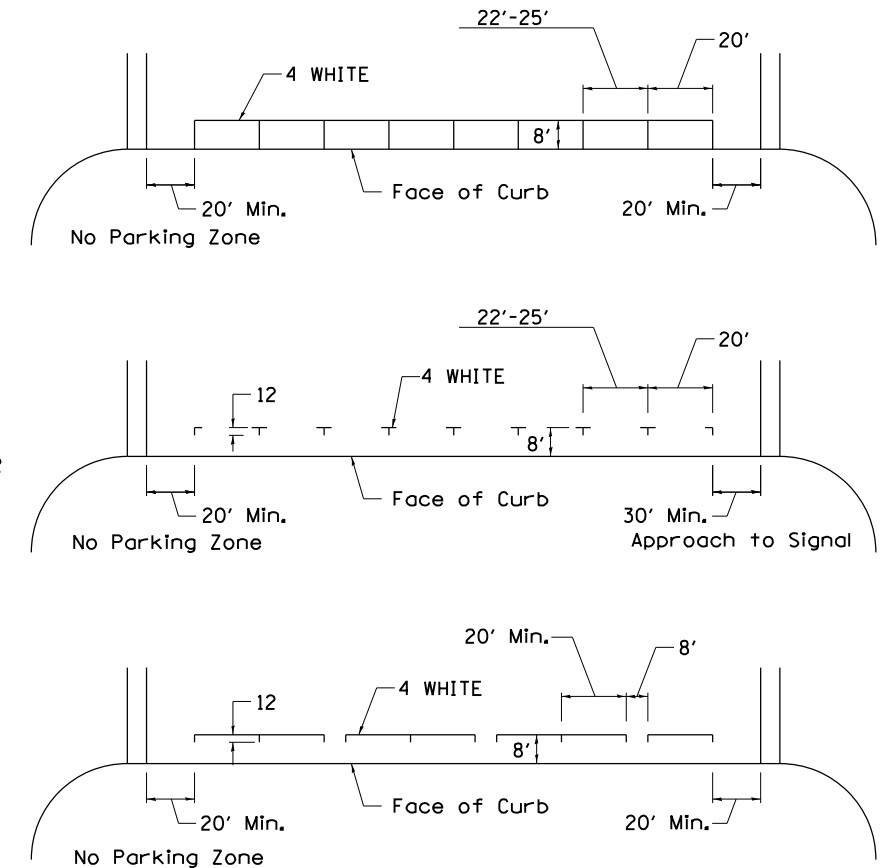


- REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- USE DOUBLE MARKERS WHEN ADT \geq 20,000
- CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

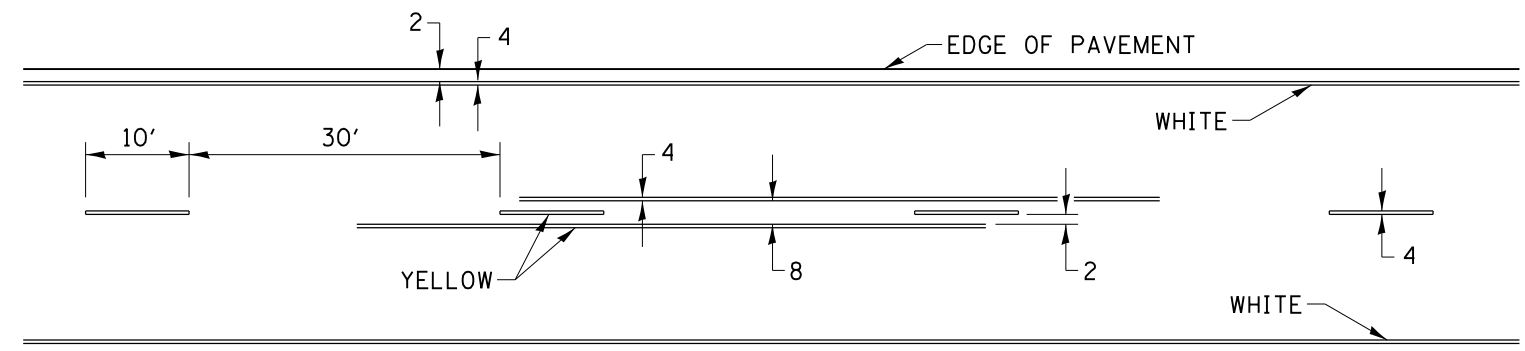
MULTI-LANE / UNDIVIDED & ONE WAY

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

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



SYMBOLS

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 6-27-14
		REDESIGNED -	REVISED - 8-27-13
		CHECKED -	REVISED - 11-28-12
		DATE -	REVISED -

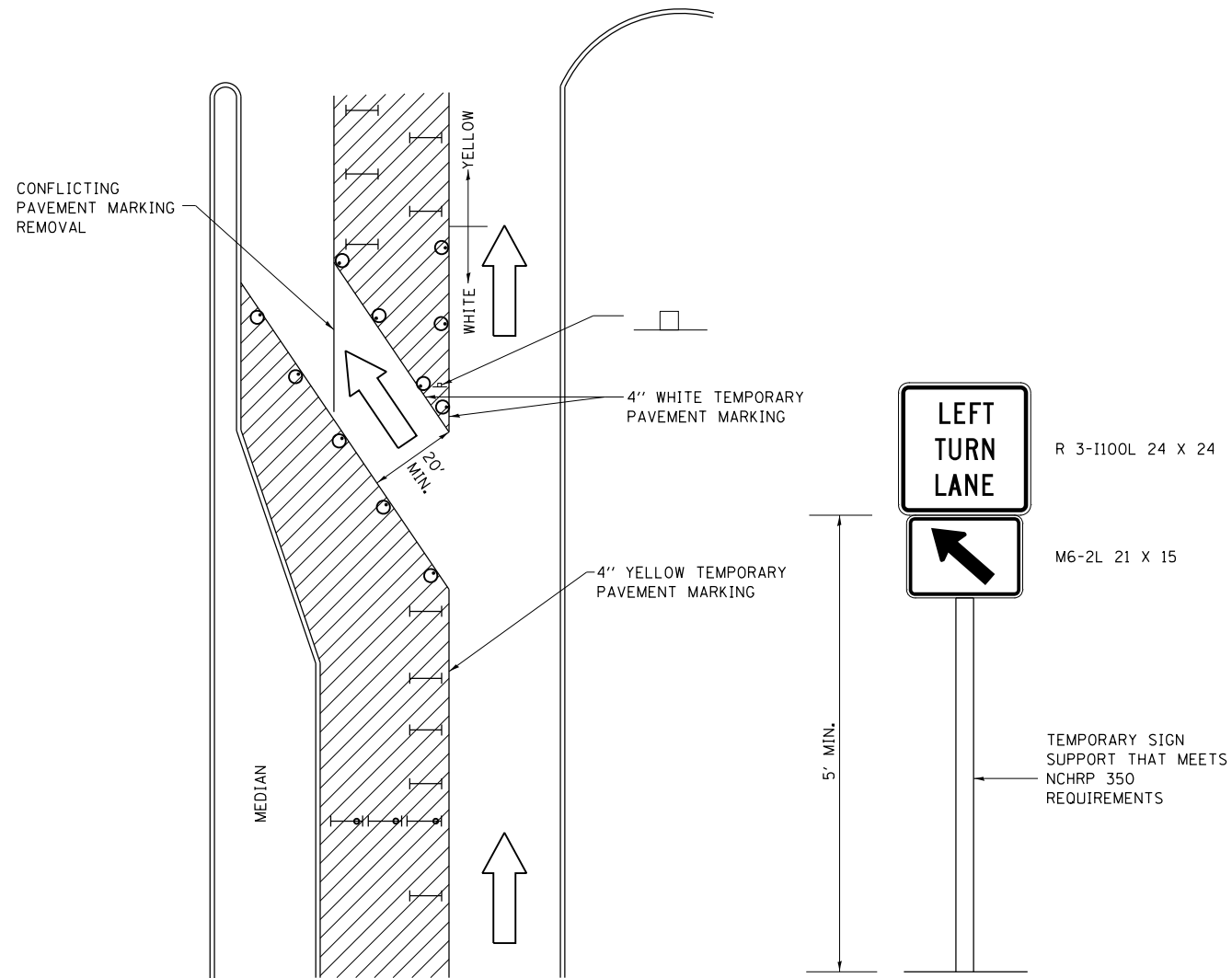
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	29RS-6	JO DAVIESS	56	54
FED. ROAD DIST. NO.			CONTRACT NO. 64K22	

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT
- DRUM OR BARRICADE WITH STEADY BURN LIGHT
- SIGN (SEE DETAIL)
- TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN

REVISED - 10-14-11

GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

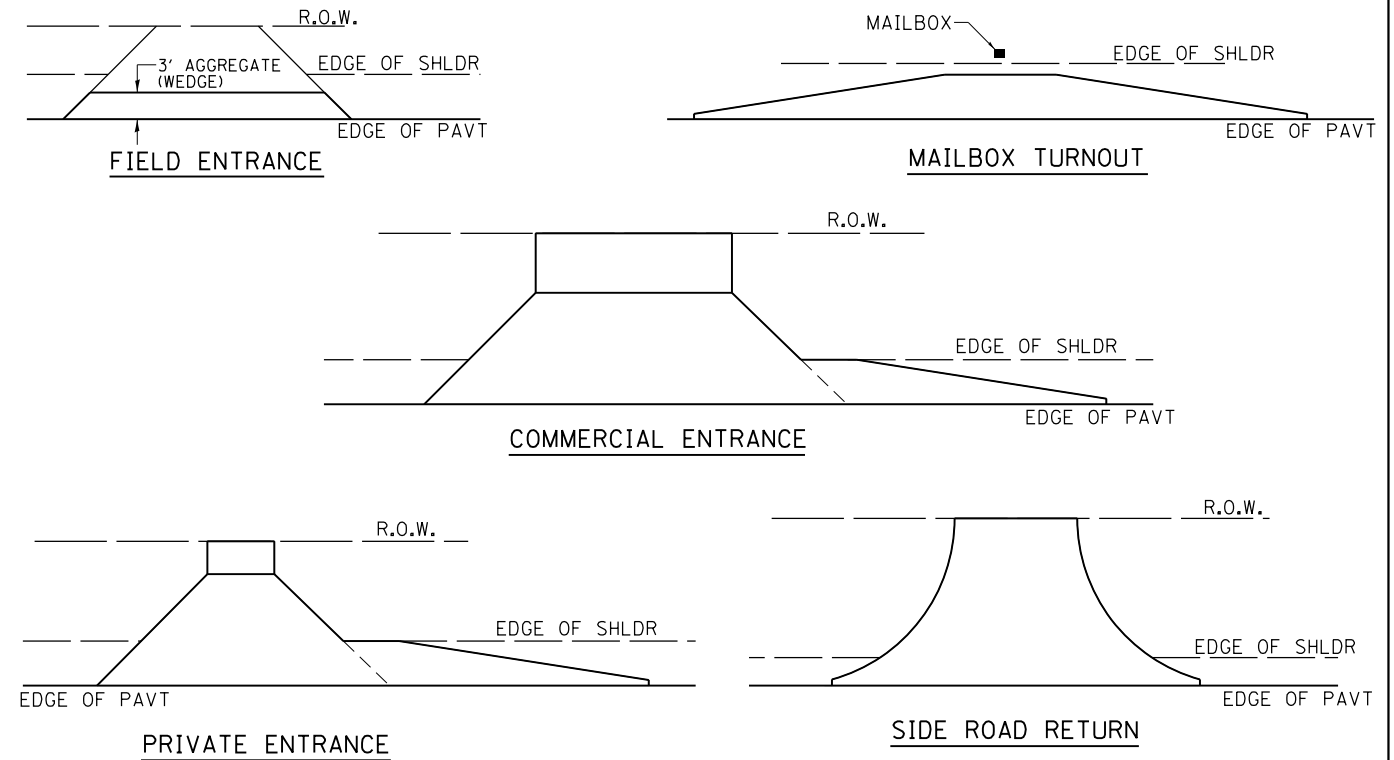
THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED.

THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

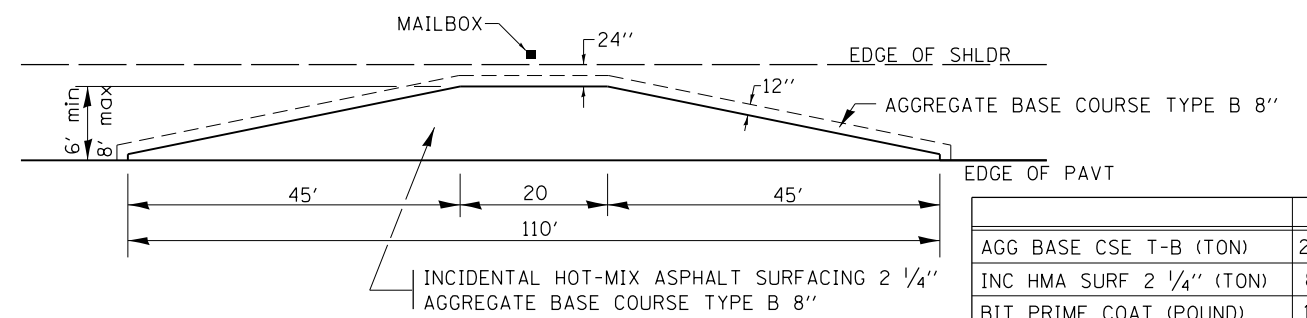
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

HOT-MIX ASPHALT APPROACHES & MAILBOX RETURNS FOR TWO LIFT (3P) RESURFACING PROJECTS



- NOTE:** EXISTING HMA PE's, CE's, SR's, & MB TURNOUTS
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on entrance to conform to the existing configuration.
- EXISTING AGG. PE's & CE's
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on existing entrance to conform to the present configuration.
- EXISTING AGG. SIDEROADS
Place 3" Incidental Hot-Mix Asphalt Surfacing on sideroad to conform to the present configuration.

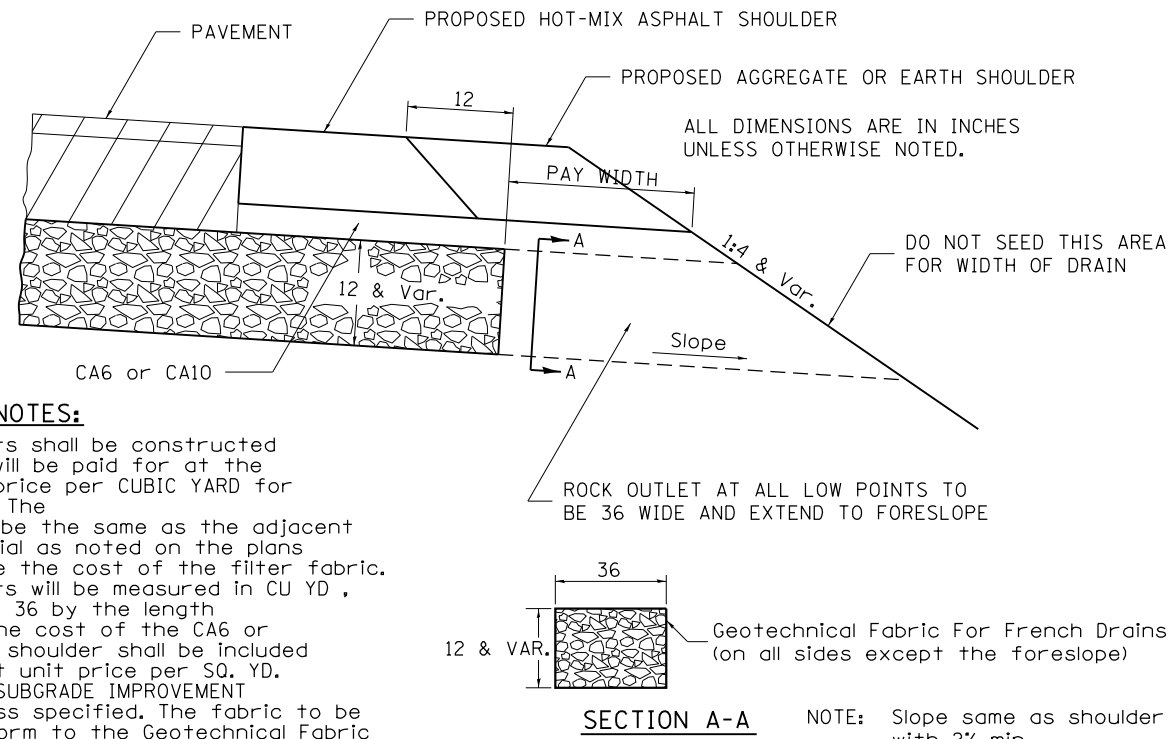
EXISTING AGG. MAILBOX TURNOUTS
Existing Agg. Mailbox Turnouts shall be constructed as shown below.



	6'	8'
AGG BASE CSE T-B (TON)	24.5	31.1
INC HMA SURF 2 1/4" (TON)	8.2	11.0
BIT PRIME COAT (POUND)	120	161

REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 7-21-15		301	29RS-6	JO DAVIESS	56	55
REVISED - 6-27-14		CONTRACT NO. 64K22				
REVISED - 10-21-08		SCALE: 100.0000' / 1"	SHEET NO.	OF SHEETS	STA.	TO STA.

DRAIN FOR AGGREGATE BASE COURSE



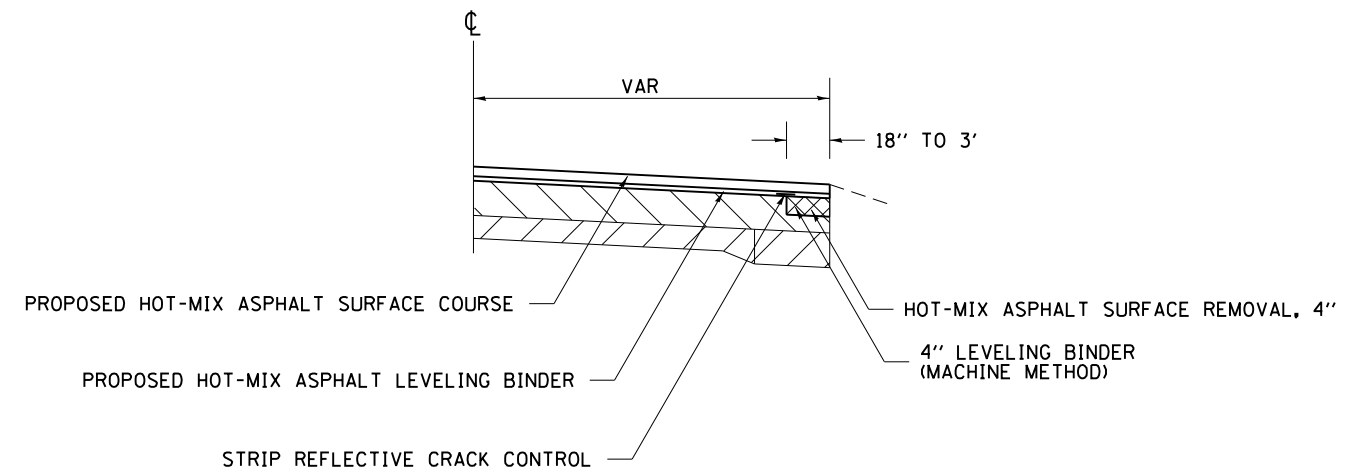
NOTES:

The rock outlets shall be constructed using CA7 and will be paid for at the contract unit price per CUBIC YARD for FRENCH DRAINS. The thickness shall be the same as the adjacent sub-base material as noted on the plans and shall include the cost of the filter fabric. The Rock outlets will be measured in CU YD, the width being 36 by the length shown above. The cost of the CA6 or CA10 under the shoulder shall be included in the contract unit price per SQ. YD. for AGGREGATE SUBGRADE IMPROVEMENT of the thickness specified. The fabric to be used shall conform to the Geotechnical Fabric For French Drains

REVISED - 8-27-13
REVISED - 10-09-12

DRAIN FOR AGGREGATE BASE COURSE 96.4

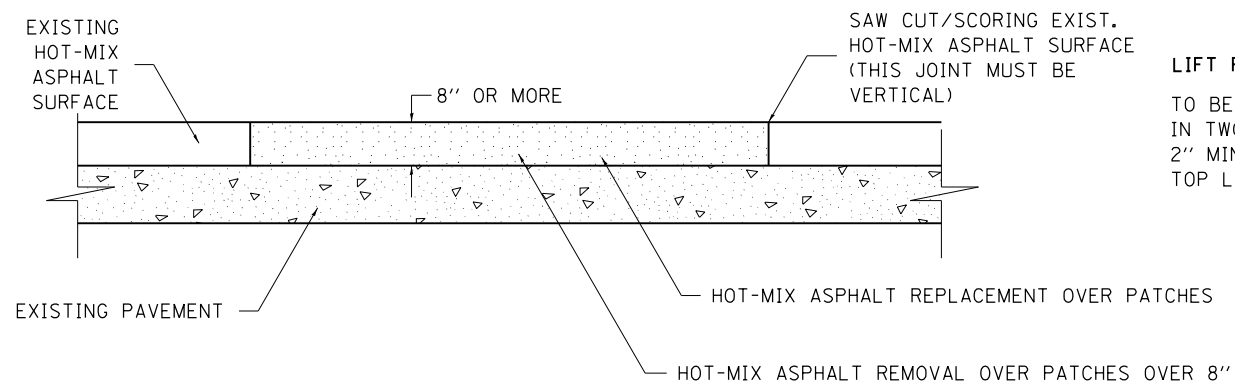
EDGE OF PAVEMENT REPAIR



REVISED - 4-04-11

EDGE OF PAVEMENT REPAIR 38.4

PAVEMENT PATCHING DETAIL



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

PAVEMENT PATCHING DETAIL 33.4

REVISED -	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		301	29RS-6	JO DAVIESS	56	56
REVISED -		CONTRACT NO. 64K22				
REVISED -		SCALE: 100.0000' / 1" = 10'	SHEET NO.	OF SHEETS	STA.	TO STA.