

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	1
		ILLINOIS	CONTRACT NO. 64P15	

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES

SECTION 111RS-6

PROJECT STP-AERN(127)

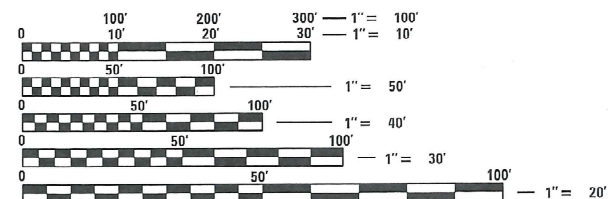
MILLING AND RESURFACING ALONG US 30 FROM
I&M FEEDER CANAL 0.3 MI EAST OF IL 40 IN
ROCK FALLS TO THE LEE COUNTY LINE
WHITESIDE

C-92-075-21

HIGHWAY CLASSIFICATION

F.A.U. ROUTE 5564 (US 30)
CLASSIFICATION: RURAL MINOR ARTERIAL
ADT: 7,250 (2019)
P.V. = 6,000
M.U. = 575
S.U. = 675
DESIGN SPEED: 50-55 MPH
POSTED SPEED: 50-55 MPH

COLOMA TOWNSHIP SECTIONS (34,35,36)
MONTMORENCY TOWNSHIP SECTIONS (1,2)

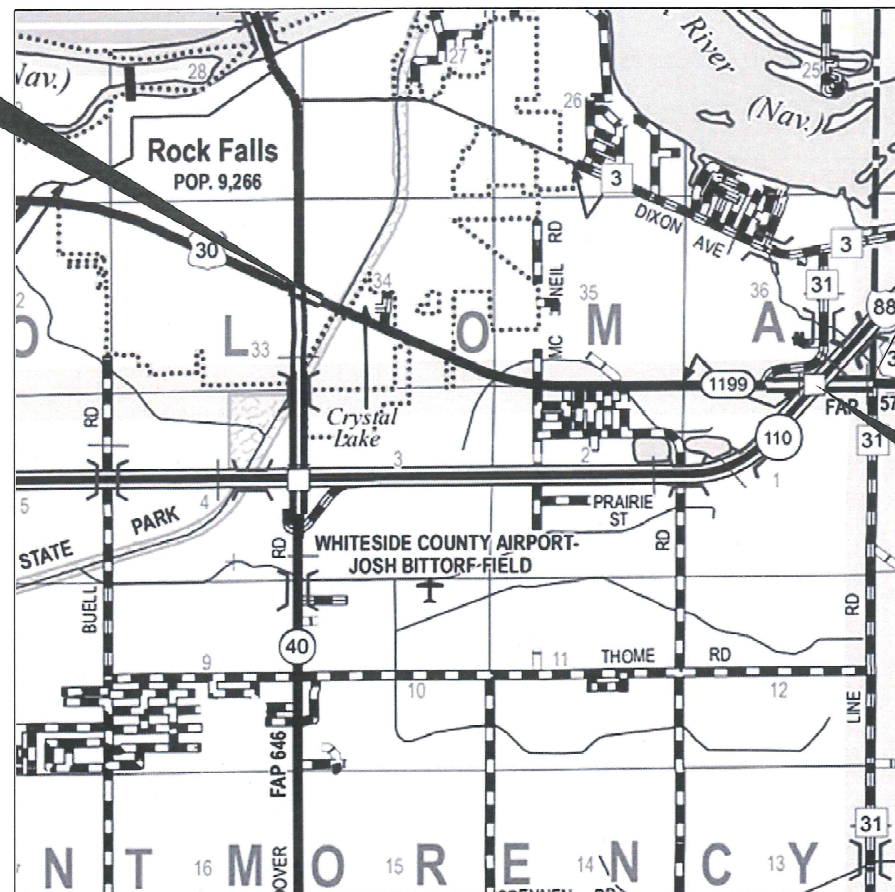


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: ANDREW LEE
SQUAD LEADER: ROBERT BARTON
PROJECT MANAGER: DENNISSE OTERO-LOPEZ (815) 284-5924
EMAIL: Dennisse.Otero-Lopez@illinois.gov
CONTRACT NO. 64P15

PROJECT BEGINS
STA. 1490 + 03



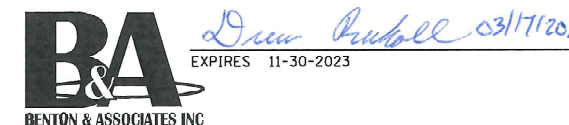
STATION EQUATION
STA. 1637 + 31.91 BK =
STA. 0 + 00.00 AH

PROJECT ENDS
STA. 3 + 40

PAVING GAP
STA. 1620 + 60 - 1623 + 73



WHITESIDE COUNTY
GROSS LENGTH = 15068.91 FT. = 2.854 MILE
NET LENGTH = 15,068.91 FT. = 2.854 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 03/18 20 22

Andrew Lee
REGIONAL ENGINEER
May 13, 2022

Drew S. Ruholl
ENGINEER OF DESIGN AND ENVIRONMENT
May 13, 2022

Steph McNeill
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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 FILE NAME: P:\02\3411\W010_64P15_US_30_Rock_Falls_PSE\64P15 Section_111RS-6\CAD_Sheets\ID264P15-shc\ymore.dgn

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62550 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll	DESIGNED - DSR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND HIGHWAY STANDARDS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -		*	111RS-6	WHITESIDE	65	2			
	PLOT DATE = 3/17/2022	DATE - 03/17/2022	REVISED -		SCALE:		SHEET 1	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
											CONTRACT NO. 64P15	

GENERAL NOTES

1. 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 CUBIC YARD FOR EARTH EXCAVATION.
2. FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SEEDING OR PLACEMENT OF SOD AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
3. MULCH METHOD II SHALL BE APPLIED OVER ALL SEEDED AREAS. THIS SHALL BE INCLUDED IN THE COST OF THE EARTH EXCAVATION.
4. CLOSED EXPANSION JOINTS ON JOINTED PAVEMENT SHALL BE RE-ESTABLISHED DURING THE PATCHING OPERATIONS. CLASS B PATCHES - WHEN THE PAVEMENT REQUIRES PATCHING AT THE LOCATION OF THE EXPANSION JOINT, A NEW JOINT SHOULD BE ESTABLISHED USING A DOWELLED EXPANSION PATCH AS SHOWN ON HIGHWAY STANDARD 442101. WHEN THE JOINT IS CLOSED, BUT DOES NOT REQUIRE PATCHING, AN EXPANSION JOINT MAY BE FORMED BY SAWING THE PAVEMENT AND FILLING THE SAW CUT WITH A PREFORMED EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF SECTION 1051 OF THE STANDARD SPECIFICATIONS AS SHOWN ON STANDARD 420001.
5. 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 BE REMOVED AND REPLACED.
6. THE EXISTING HOT-MIX ASPHALT ON PRIVATE DRIVES AND COMMERCIAL ENTRANCES SHALL BE BLADED OFF OR MILLED AND DISPOSED OF OUTSIDE THE PROJECT LIMITS. THIS COULD BE THE ENTIRE ENTRANCE OR TAPERED AT THE END DEPENDING ON IF MAINLINE IS RESURFACED OR MILLED AND RESURFACED. THE COST OF THE BLADING, MILLING, ROLLING, AND DISPOSAL IS INCLUDED IN THE CONTRACT UNIT PRICE FOR INCIDENTAL HOT-MIX ASPHALT SURFACING.
7. THE DROP OFF THAT OCCURS AT THE ENTRANCE EDGES AS A RESULT OF RESURFACING OF THE ENTRANCE SHALL BE CORRECTED USING AGGREGATE SHOULDER MATERIAL. THIS WORK SHALL BE PAID FOR BY THE TON FOR AGGREGATE SHOULDERS OF THE TYPE SPECIFIED IN THE PLANS.
8. THE FOLLOWING MIXTURES ARE APPLICABLE FOR THIS PROJECT:

LIFT THICKNESS LOCATION AND MIXTURE USES(S):	1.75"	2.0"	1.75"/2.0"
	MAINLINE RESURFACING SURFACE	BINDER	SHOULDER RESURFACING ALL LIFTS
PG:	PG 58-28	PG 58-28	PG 58-28
DESIGN AIR VOIDS:	4.0 @ N70	4.0 @ N70	4.0 @ N50
MIXTURE COMPOSITION:	IL 9.5	IL 9.5FG	IL 9.5FG
FRICTION AGGREGATE:	D	N/A	C
MIXTURE WEIGHT:	112 lbs/sy/in	112 lbs/sy/in	112 lbs/sy/in
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QCQA
SUBLOT SIZE:	1000 TON	1000 TON	N/A
MATERIAL TRANSFER DEVICE	YES	YES	NO

9. 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 2LANE 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.
10. 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 NOT MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.
11. TO HELP AVOID EXCESS DROP OFFS AT THE EDGE OF THE PAVEMENT, AGGREGATE SHOULDER MATERIAL OF THE TYPE SPECIFIED IN THE PLANS SHALL BE PLACED PRIOR TO ANY BITUMINOUS MATERIAL. THE AGGREGATE MATERIAL SHALL BE PLACED FLUSH WITH THE EXISTING PAVEMENT OR AT THE ELEVATION OF ANY PROPOSED MILLING. AT NOT TIME SHALL THE AGGREGATE SHOULDER MATERIAL BE HIGHER THAN THE EXISTING EDGE OF PAVEMENT. THIS WORK SHALL BE PAID FOR BY THE TON FOR AGGREGATE SHOULDERS OF TYPE SPECIFIED.
12. CONNECTING BANDS FOR CORRUGATED METAL PIPES SHALL BE METAL AND SHALL BE COATED WITH THE SAME MATERIAL AS THE PIPE SECTIONS, THE CONNECTING BANDS SHALL BE A MINIMUM OF 18" WIDE.
13. THE EXCAVATED MATERIALS FROM EARTH EXCAVATION WIDENING, GRADING, AND SHAPING DITCHES, AND EXCAVATING AND GRADING SHOULDERS SHALL BE USED TO BUILD UP THE SHOULDER THROUGHOUT THE JOB TO CONFORM WITH THE TYPICAL SECTIONS AND SHOULDER WIDENING FOR TERMINALS AS SHOWN ON THE PLANS.
14. THE CONTRACTOR SHALL SUPPLY THE RESIDENT ENGINEER WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS FOR THE TYPE OF STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (TANGENT) OR STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (FLARED).


15. DELINEATORS SHALL BE INSTALLED AS SHOWN IN STANDARD 635001, EXCEPT THAT THE POST SHALL BE ROTATED 180 °AND ONLY METAL-BACKED DELINEATORS SHALL BE PERMITTED. DELINEATORS SHALL BE PLACED AT THE ENDS OF APPROACH GUARDRAIL TERMINAL SECTIONS, AND AT EACH HEADWALL OR END SECTION OF AR CULVERTS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR DELINEATORS.
16. 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.
17. 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.
18. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

PATRICIA HARRIS	COMMONWEALTH EDISON COMPANY	(ELECTRIC)	630-437-2212
SAKE FORAH	NICOR GAS CO.	(GAS)	630-388-3019
TED PADILLA	CITY OF ROCK FALLS	(WATER)	815-622-1120
KEITH KOSHINSKI	COMCAST CABLE	(CABLE TV)	224-229-5432
MIKE PANATERA	ALDRIDGE ELECTRIC	(COMMUNICATIONS)	847-772-8208
HECTOR GARCIA	AT&T	(TELEPHONE)	630-573-5465
BRIAN ART	BLUEBIRD NETWORK	(COMMUNICATIONS)	847-650-1348
CHAD KIRKLAND	LEVEL 3 (CENTURY LINK)	(COMMUNICATIONS)	636-887-4747
GENE CRUSIE	COMMERCIAL BROADBAND SOLUTIONS	(COMMUNICATIONS)	574-389-3100

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.

19. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE IDOT DISTRICT 2 MAINTENANCE YARD TWO WEEKS PRIOR TO THE START OF ANY WORK AT THE ENTRANCE TO THE IDOT MAINTENANCE YARD. THE CONTACTS FOR THE IDOT MAINTENANCE YARD ARE DAN TOBIN (815) 535-6296 AND TRENT MCKENNA (815) 535-6309.
20. BASED ON OUR STRUCTURAL ANALYSIS, THE FOLLOWING STRUCTURES CAN BE CROSSED WITH AN EMPTY MTD WITH THE FOLLOWING MAXIMUM GROSS WEIGHT RESTRICTIONS:
 - 098-0091 (40 TONS)
 - 098-0098 (40 TONS)
 - 098-1025 (40 TONS)
 - 098-1026 (40 TONS)
 - 098-1027 (40 TONS)
21. THE ENGINEER SHALL CONTACT TRAFFIC OPERATIONS BEFORE FINAL PAVEMENT MARKING IS PLACED.

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 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62650 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000932	USER NAME = drunoll	DESIGNED - DSR	REVISED -	GENERAL NOTES	GENERAL NOTES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -											
	PLOT DATE = 3/17/2022	DATE - 03/17/2022	REVISED -			SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.			
												ILLINOIS FED. AID PROJECT		

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111RS-6	WHITESIDE	65	3
CONTRACT NO. 64P15				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY
				0005 URBAN	0005 RURAL
20200100	EARTH EXCAVATION	CU YD	90	90	0
25000750	MOWING	ACRE	0.25	0.25	0
28000500	INLET AND PIPE PROTECTION	EACH	2	2	0
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	11	3	8
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	333	333	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	48778	28314	20464
40600370	LONGITUDINAL JOINT SEALANT	FOOT	16746	12618	4128
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	960	164	796
40600990	TEMPORARY RAMP	SQ YD	2184	1330	854
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	6623	3992	2631
40604000	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	TON	2410	650	1760
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	5217	3133	2084
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1975	1661	314
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	333	333	0

* SPECIALTY ITEM

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS - LAND SURVEYORS
1910 WEST LAFAYETTE AVE.
JACKSONVILLE, IL 62550
PHONE: 217-245-4140 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME =	druroll
PLOT SCALE =	100,0000' / in.
PLOT DATE =	3/8/2022

DESIGNED -	DSR
DRAWN -	DSR
CHECKED -	WJS
DATE -	03/08/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 1	OF 7 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	4
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY
				0005 URBAN	0005 RURAL
44000155	HOT-MIX ASPHALT SURFACE REMOVAL , 1 1/2"	SQ YD	935	0	935
44000158	HOT-MIX ASPHALT SURFACE REMOVAL , 2 1/4"	SQ YD	3021	3021	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL , 3"	SQ YD	22330	0	22330
44000164	HOT-MIX ASPHALT SURFACE REMOVAL , 3 3/4"	SQ YD	40054	34387	5667
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	186	186	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	200	0	200
44004250	PAVED SHOULDER REMOVAL	SQ YD	15	15	0
44200982	CLASS B PATCHES , TYPE II , 11 INCH	SQ YD	76	0	76
44200986	CLASS B PATCHES , TYPE III , 11 INCH	SQ YD	87	0	87
44200988	CLASS B PATCHES , TYPE IV , 11 INCH	SQ YD	187	0	187
44201053	CLASS B PATCHES , TYPE IV , 17 INCH	SQ YD	107	40	67
44201055	CLASS B PATCHES , TYPE II , 17 INCH	SQ YD	154	117	37
44201294	CLASS B PATCH - EXPANSION JOINT	FOOT	896	360	536
44201298	DOWEL BARS 1 1/4"	EACH	700	300	400

* SPECIALTY ITEM

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY
				0005 URBAN	0005 RURAL
44213000	PATCHING REINFORCEMENT	SQ YD	381	40	341
44213200	SAW CUTS	FOOT	2188	776	1412
44213204	TIE BARS 3/4"	EACH	64	9	55
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1268	746	522
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	77	77	0
50105220	PIPE CULVERT REMOVAL	FOOT	74	74	0
542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	60	60	0
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	36	36	0
54260518	SLOPED METAL END SECTION, STANDARD 542411, 18", 1:6	EACH	2	2	0
54263618	CONCRETE END SECTION, STANDARD 542011, 18", 1:6	EACH	2	2	0
60608700	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (ABUTTING EXISTING PAVEMENT)	FOOT	200	0	200
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	250	0	250
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	350	0	350
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	0	4

* SPECIALTY ITEM

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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USER NAME = druholl
PLOT SCALE = 100,0000' / in.
PLOT DATE = 3/8/2022

DESIGNED - DSR
DRAWN - DSR
CHECKED - WJS
DATE - 03/08/2022

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	6
			CONTRACT NO. 64P15	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY
				0005 URBAN	0005 RURAL
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	0	4
63200310	GUARDRAIL REMOVAL	FOOT	778	0	778
63500105	DELINEATORS	EACH	8	4	4
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	80	80	0
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	0
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	0
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	0
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3	3	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5	0
67100100	MOBILIZATION	L SUM	1	0.65	0.35
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	0
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.65	0.35

* SPECIALTY ITEM

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS / LAND SURVEYORS 1910 WEST LAFAYETTE AVE. JACKSONVILLE, IL 62650 PHONE: 217-245-4146 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = djuholl	DESIGNED - DSR	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED - WJS	REVISED -
	PLOT DATE = 3/17/2022	DATE - 03/17/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 4	OF 7 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	7
CONTRACT NO. 64P15				
ILLINOIS		FED. AID PROJECT		

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	ROADWAY
				0005	0005
URBAN	RURAL				
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	0	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5274	3586	1688
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	599	399	200
* 72000100	SIGN PANEL - TYPE 1	SQ FT	378	287	91
* 72000200	SIGN PANEL - TYPE 2	SQ FT	11	11	0
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3	0
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	310	233	77
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	11	11	0
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	0	4
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	225	211	14
* 73000100	WOOD SIGN SUPPORT	FOOT	106	93	13

* SPECIALTY ITEM

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFAYETTE AVE. JACKSONVILLE, IL 62550 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = druholl	DESIGNED - DSR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	DRAWN - DSR	REVISED -		* 111RS-6	WHITESIDE	65	8				
	PLOT DATE = 3/17/2022	CHECKED - WJS	REVISED -		CONTRACT NO. 64P15							
	DATE = 03/17/2022	REVISED -		SCALE:	SHEET 5	OF 7	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY
				0005 URBAN	0005 RURAL
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	344	250	94
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	47134	27615	19519
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	2539	1156	1383
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	992	301	691
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	208	112	96
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	429	312	117
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	47134	27615	19519
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2539	1156	1383
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	992	301	691
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	208	112	96
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	207	182	25
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	182	182	0
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	417	0	417
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	0	1

* SPECIALTY ITEM

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS - LAND SURVEYORS
1910 WEST LAFAYETTE AVE.
JACKSONVILLE, IL 62555
PHONE: 217-245-4140 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME = drunoll
DESIGNED - DSR
DRAWN - DSR
CHECKED - WJS
DATE - 03/17/2022

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	9
			CONTRACT NO. 64P15	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL ROADWAY	80% FEDERAL ROADWAY
				20% STATE ROADWAY	20% STATE ROADWAY
				0005 URBAN	0005 RURAL
* 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	10	0	10
* 82500340	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 480VOLT, 60AMP	EACH	1	0	1
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	0	1
X0327301	RELOCATE EXISTING MAILBOX	EACH	1	1	0
* X1400267	REMOVAL OF LIGHTING LUMINAIRE, NO SALVAGE	EACH	10	0	10
X4201650	PAVEMENT FABRIC (SPECIAL)	SQ YD	7906	7374	532
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	668	291	377
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	250	0	250
X6640298	CHAIN LINK FENCE (SPECIAL)	FOOT	16	16	0
X6640302	CHAIN LINK FENCE REMOVAL (SPECIAL)	FOOT	55	55	0
X6640308	CHAIN LINK GATES (SPECIAL)	EACH	2	2	0
* X7820007	GUARDRAIL REFLECTORS, TYPE C (SPECIAL)	EACH	10	0	10
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	0
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	61	16	45
* Z0034105	MATERIAL TRANSFER DEVICE	TON	11840	7125	4715

* SPECIALTY ITEM

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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PLOT DATE = 3/17/2022	DATE - 03/17/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

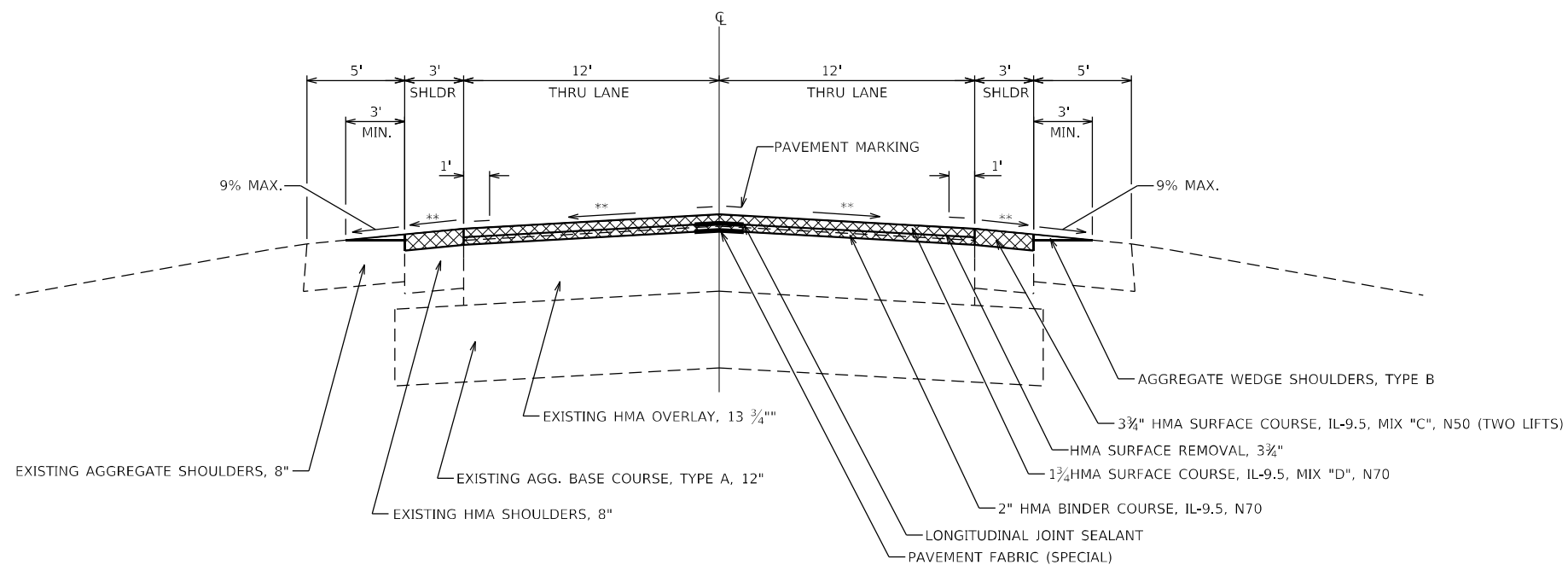
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	10
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

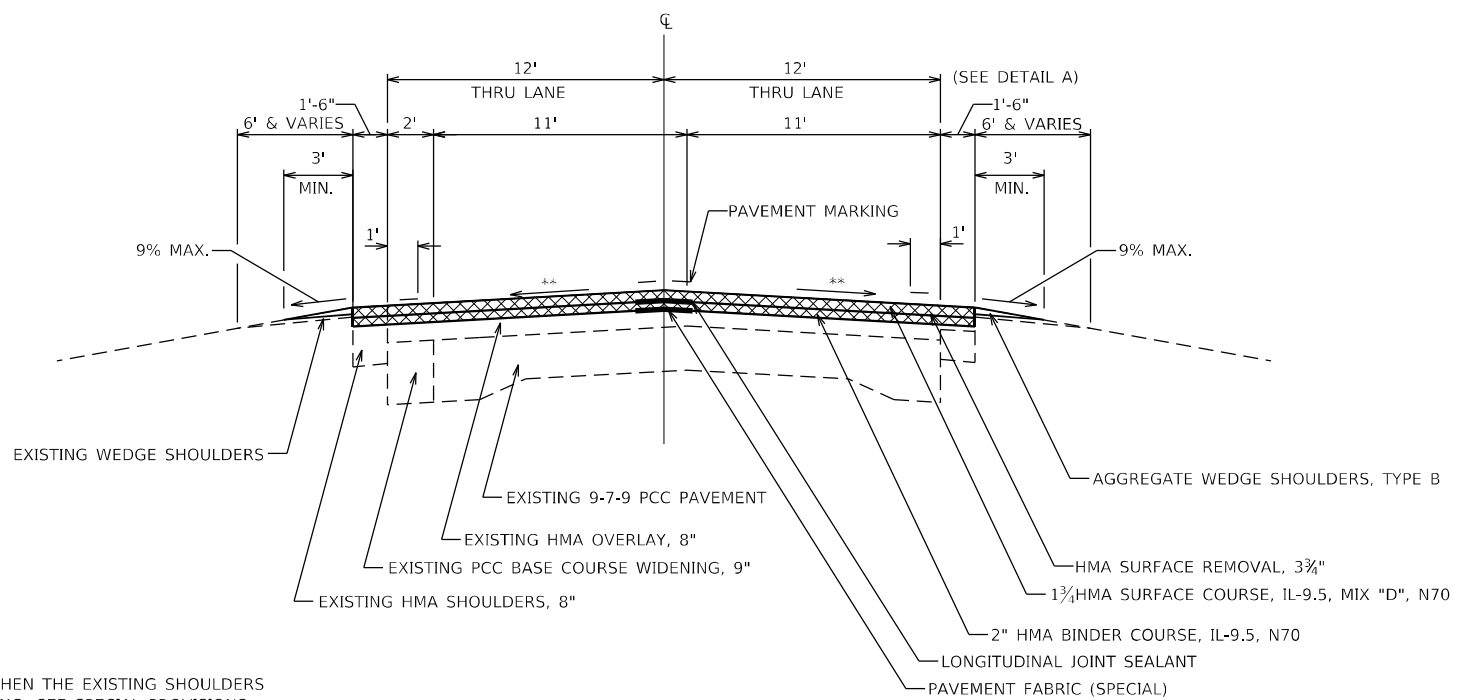
TYPICAL SECTION

STA. 1490+03 TO STA. 1497+14



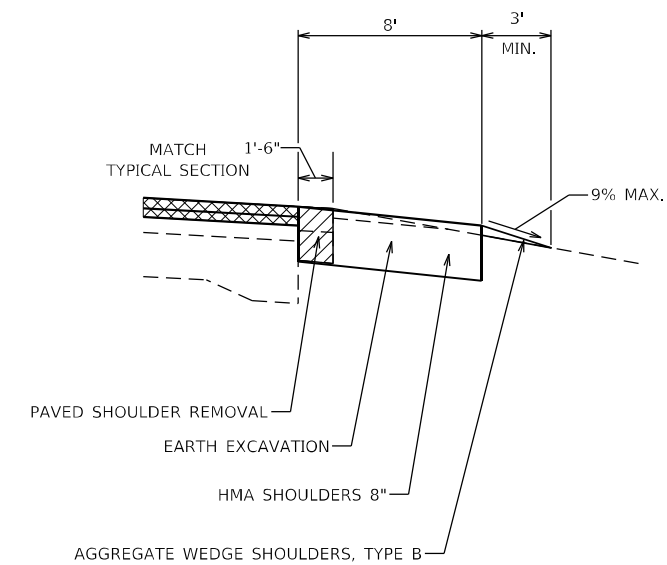
TYPICAL SECTION

STA. 1497+14 TO STA. 1535+83
STA. 1554+90 TO STA. 1603+64



DETAIL A

STA. 1520+57.73 TO STA. 1521+37 (RT)



NOTES

** MATCH EXISTING SLOPE

HMA UNIT WEIGHT = 112 LB/SQ YD/IN

LONGITUDINAL JOINT SEALANT SHALL BE BETWEEN THE BINDER AND SURFACE LIFTS AT THE CENTERLINE AND LANE LANES.

6" JOINT TRIMMING SHALL BE CONSTRUCTED FOR THE MAINLINE HMA SURFACE COURSE WHEN THE EXISTING SHOULDERS ARE 3.0' WIDE OR WIDER AND RESURFACED INDEPENDENTLY OF THE MAINLINE RESURFACING. SEE SPECIAL PROVISIONS.

PAVEMENT FABRIC (SPECIAL) IS 2FT WIDE UNLESS OTHERWISE NOTED.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

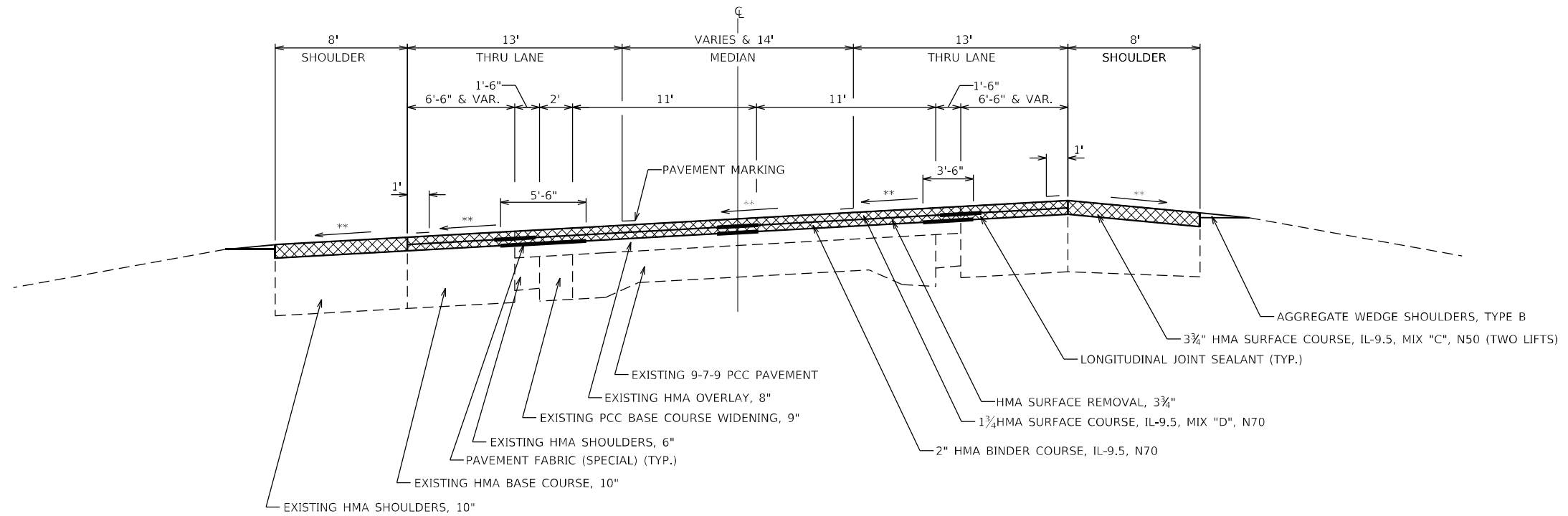
TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111RS-6	WHITESIDE	65	11
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

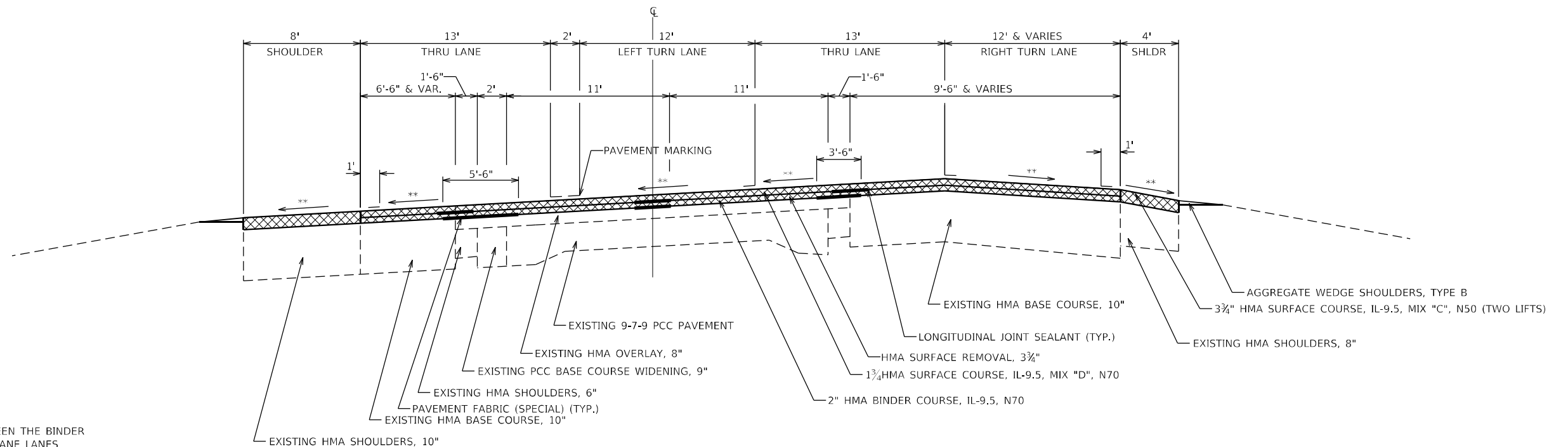
TYPICAL SECTION

STA. 1535+83 TO STA. 1539+26
STA. 1551+65 TO STA. 1554+90



TYPICAL SECTION

STA. 1539+26 TO STA. 1545+33



NOTES

** MATCH EXISTING SLOPE

HMA UNIT WEIGHT = 112 LB/SQ YD/IN

LONGITUDINAL JOINT SEALANT SHALL BE BETWEEN THE BINDER AND SURFACE LIFTS AT THE CENTERLINE AND LANE LINES.

6" JOINT TRIMMING SHALL BE CONSTRUCTED FOR THE MAINLINE HMA SURFACE COURSE WHEN THE EXISTING SHOULDERS ARE 3.0' WIDE OR WIDER AND RESURFACED INDEPENDENTLY OF THE MAINLINE RESURFACING. SEE SPECIAL PROVISIONS.

PAVEMENT FABRIC (SPECIAL) IS 2FT WIDE UNLESS OTHERWISE NOTED.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

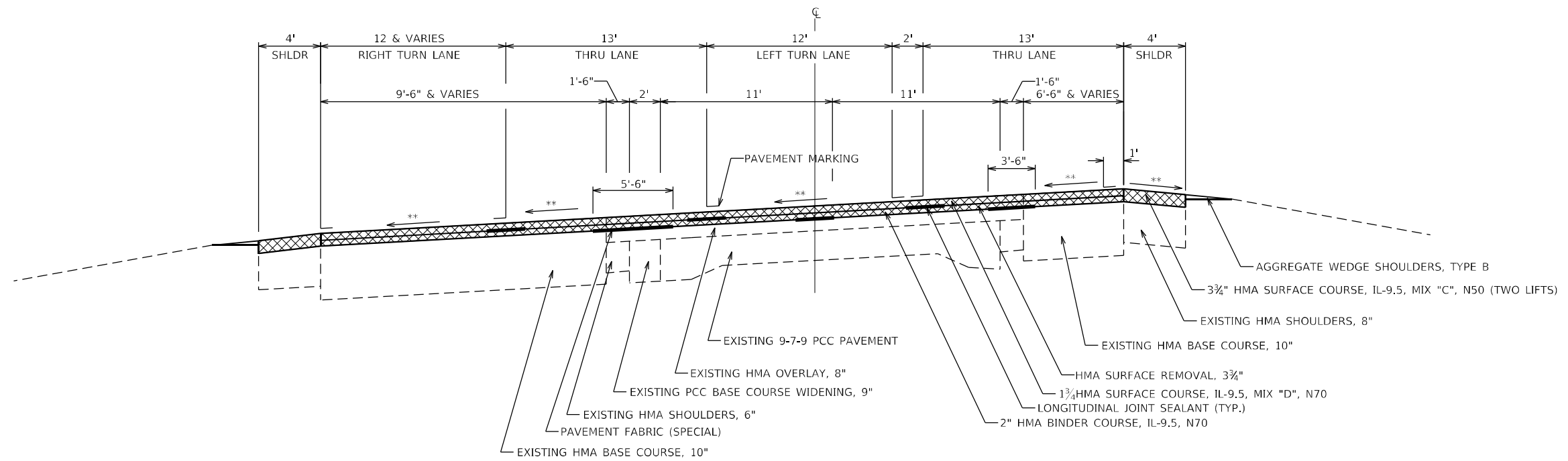
TYPICAL SECTIONS

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	12
			CONTRACT NO. 64P15	
ILLINOIS FED. AID PROJECT				

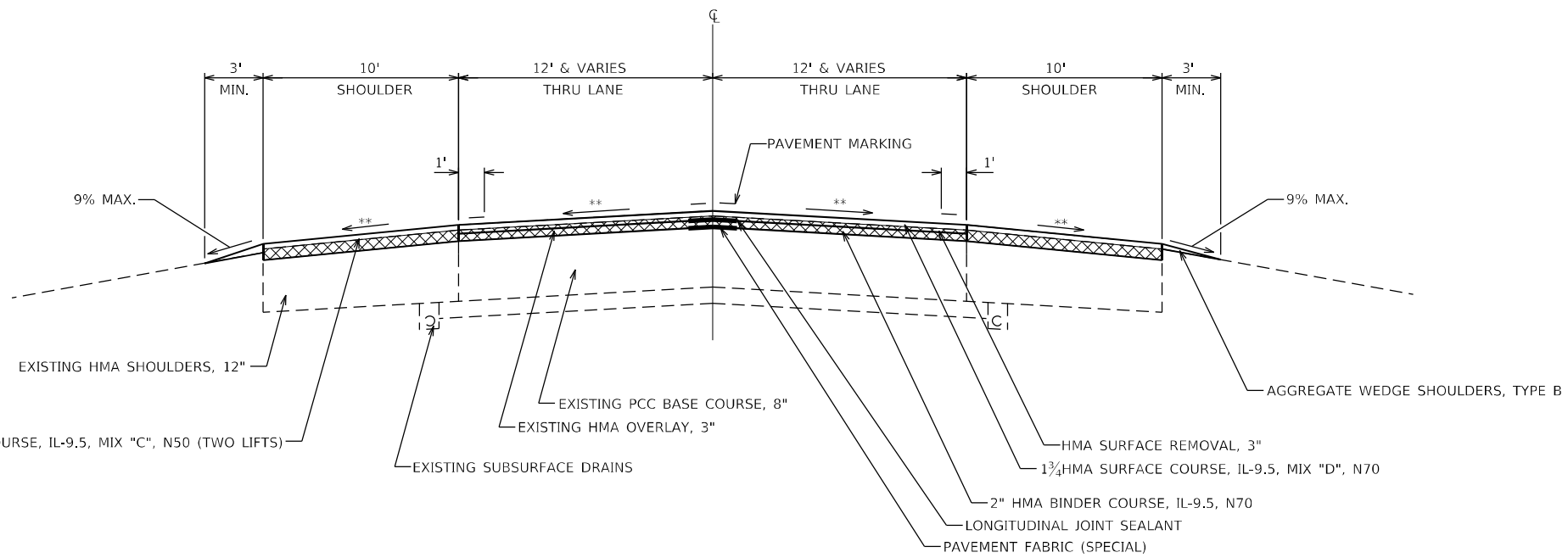
TYPICAL SECTION

STA. 1545+33 TO STA. 1551+65



TYPICAL SECTION

STA. 1603+64 TO STA. 1608+89
 STA. 1635+64 TO STA. 1637+32
 STA. 0+00 TO STA. 3+40



NOTES

- ** MATCH EXISITNG SLOPE
- HMA UNIT WEIGHT = 112 LB/SQ YD/IN
- LONGITUDINAL JOINT SEALANT SHALL BE BETWEEN THE BINDER AND SURFACE LIFTS AT THE CENTERLINE AND LANE LANES.
- 6" JOINT TRIMMING SHALL BE CONSTRUCTED FOR THE MAINLINE HMA SURFACE COURSE WHEN THE EXISTING SHOULDERS ARE 3.0' WIDE OR WIDER AND RESURFACED INDEPENDANTLY OF THE MAINLINE RESURFACING. SEE SPECIAL PROVISIONS.
- PAVEMENT FABRIC (SPECIAL) IS 2FT WIDE UNLESS OTHERWISE NOTED.

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PLOT DATE	= 3/17/2022

DESIGNED	- DSR	REVISED	-
DRAWN	- DSR	REVISED	-
CHECKED	- WJS	REVISED	-
DATE	- 03/08/2022	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

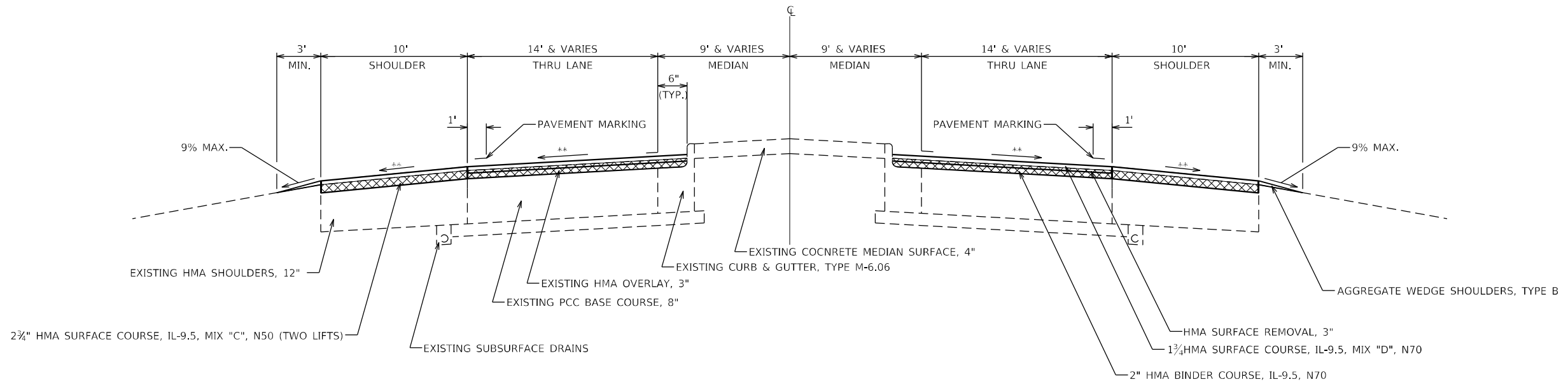
SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111RS-6	WHITESIDE	65	13
			CONTRACT NO. 64P15	
ILLINOIS FED. AID PROJECT				

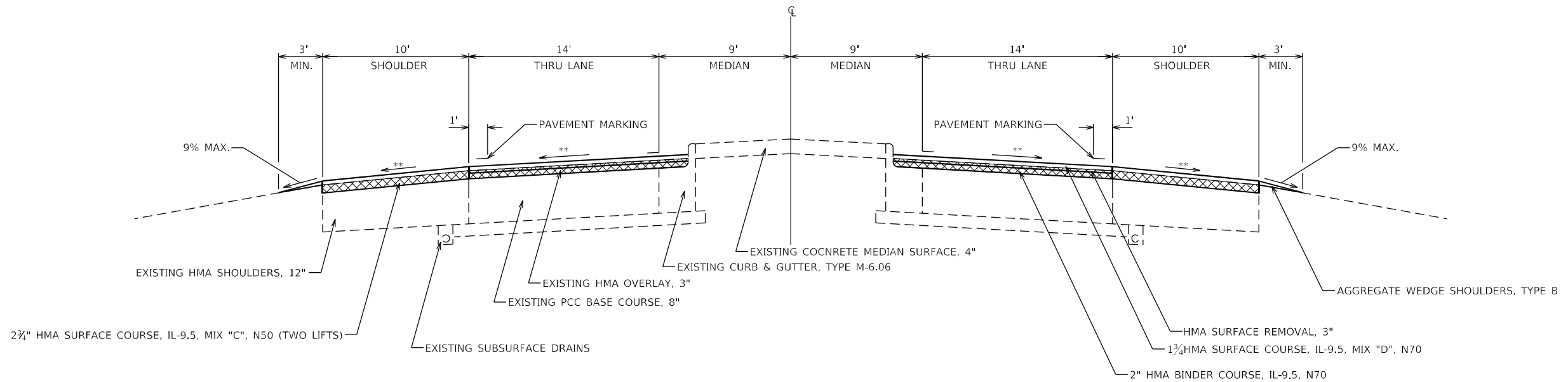
TYPICAL SECTION

STA. 1608+89 TO STA. 1612+23
STA. 1632+22 TO STA. 1635+69



TYPICAL SECTION

STA. 1612+23 TO STA. 1615+07
STA. 1629+28 TO STA. 1632+22



NOTES

** MATCH EXISITNG SLOPE

HMA UNIT WEIGHT = 112 LB/SQ YD/IN

LONGITUDINAL JOINT SEALANT SHALL BE BETWEEN THE BINDER AND SURFACE LIFTS AT THE CENTERLINE AND LANE LANES.

6" JOINT TRIMMING SHALL BE CONSTRUCTED FOR THE MAINLINE HMA SURFACE COURSE WHEN THE EXISTING SHOULDERS ARE 3.0' WIDE OR WIDER AND RESURFACED INDEPENDANTLY OF THE MAINLINE RESURFACING. SEE SPECIAL PROVISIONS.

PAVEMENT FABRIC (SPECIAL) IS 2FT WIDE UNLESS OTHERWISE NOTED.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS - LAND SURVEYORS
1910 WEST LAFALETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4140 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000832

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

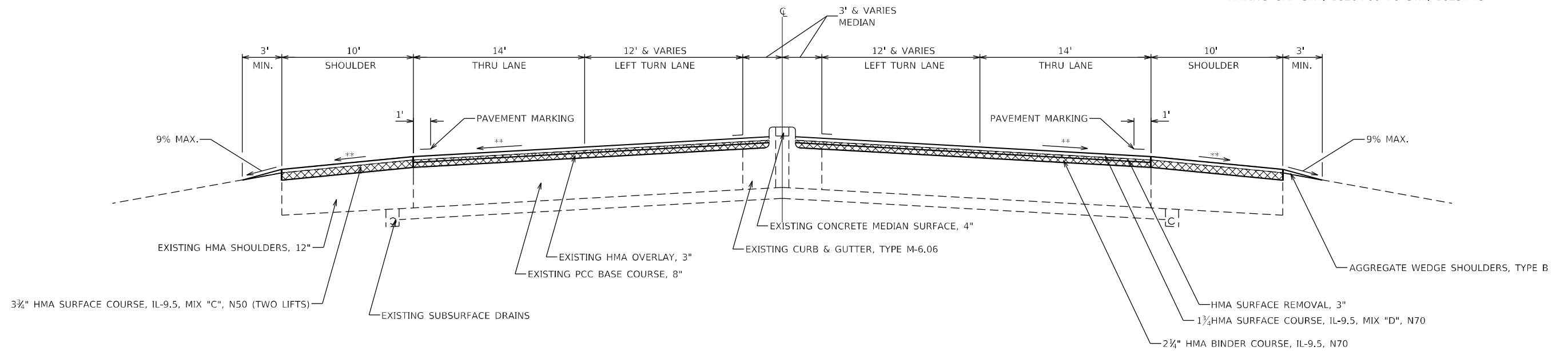
TYPICAL SECTIONS			
SCALE:	SHEET 4	OF 6 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	14
			CONTRACT NO. 64P15	
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

STA. 1615+07 TO STA. 1620+60
 PAVING GAP STA. 1620+60 TO STA. 1623+73
 STA. 1623+73 TO STA. 1629+28

PAVING GAP STA. 1620+60 TO STA. 1623+73

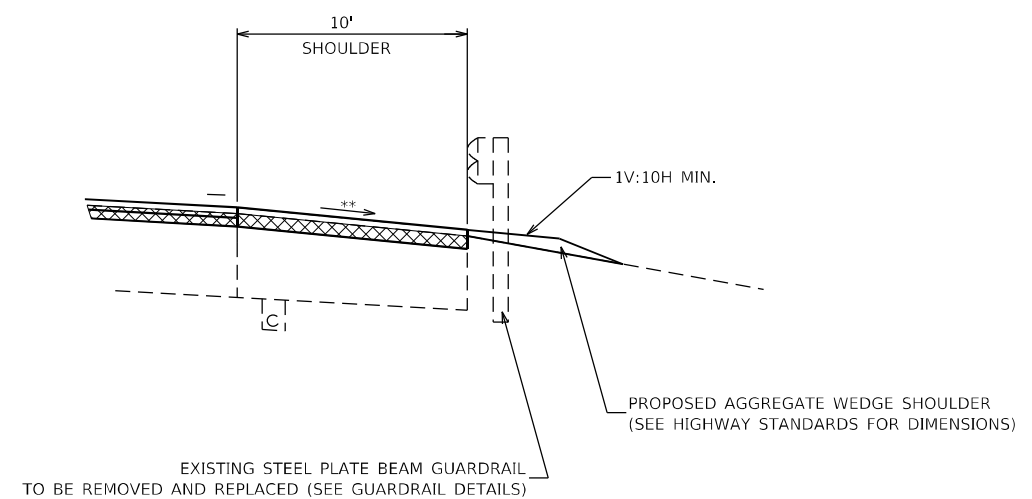
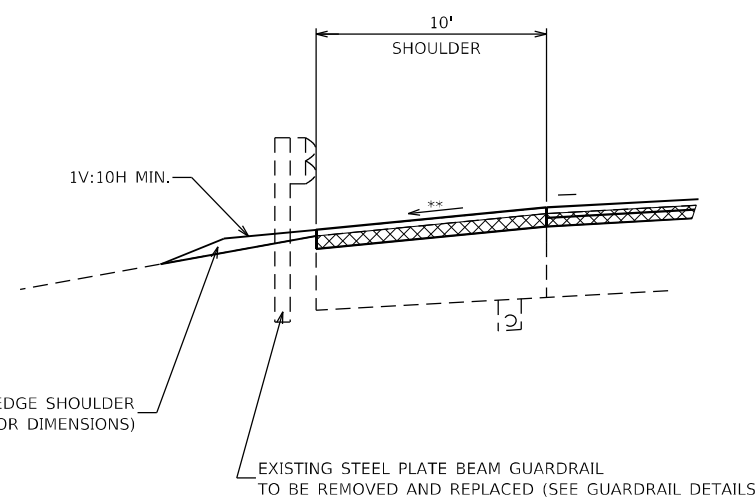


TYPICAL GUARDRAIL SECTION LEFT

STA. 1618+86 TO STA. 1620+82
 STA. 1624+13 TO STA. 1626+08

TYPICAL GUARDRAIL SECTION RIGHT

STA. 1618+27 TO STA. 1620+22
 STA. 1623+54 TO STA. 1625+47



NOTES

** MATCH EXISTING SLOPE

HMA UNIT WEIGHT = 112 LB/SQ YD/IN

LONGITUDINAL JOINT SEALANT SHALL BE BETWEEN THE BINDER AND SURFACE LIFTS AT THE CENTERLINE AND LANE LANES.

6" JOINT TRIMMING SHALL BE CONSTRUCTED FOR THE MAINLINE HMA SURFACE COURSE WHEN THE EXISTING SHOULDERS ARE 3.0' WIDE OR WIDER AND RESURFACED INDEPENDANTLY OF THE MAINLINE RESURFACING. SEE SPECIAL PROVISIONS.

PAVEMENT FABRIC (SPECIAL) IS 2FT WIDE UNLESS OTHERWISE NOTED.

PROPOSED AGGREGATE WEDGE SHOULDER
 (SEE HIGHWAY STANDARDS FOR DIMENSIONS)

EXISTING STEEL PLATE BEAM GUARDRAIL
 TO BE REMOVED AND REPLACED (SEE GUARDRAIL DETAILS)

EXISTING STEEL PLATE BEAM GUARDRAIL
 TO BE REMOVED AND REPLACED (SEE GUARDRAIL DETAILS)

PROPOSED AGGREGATE WEDGE SHOULDER
 (SEE HIGHWAY STANDARDS FOR DIMENSIONS)

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DRAWN - DSR	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/17/2022	DATE - 03/08/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

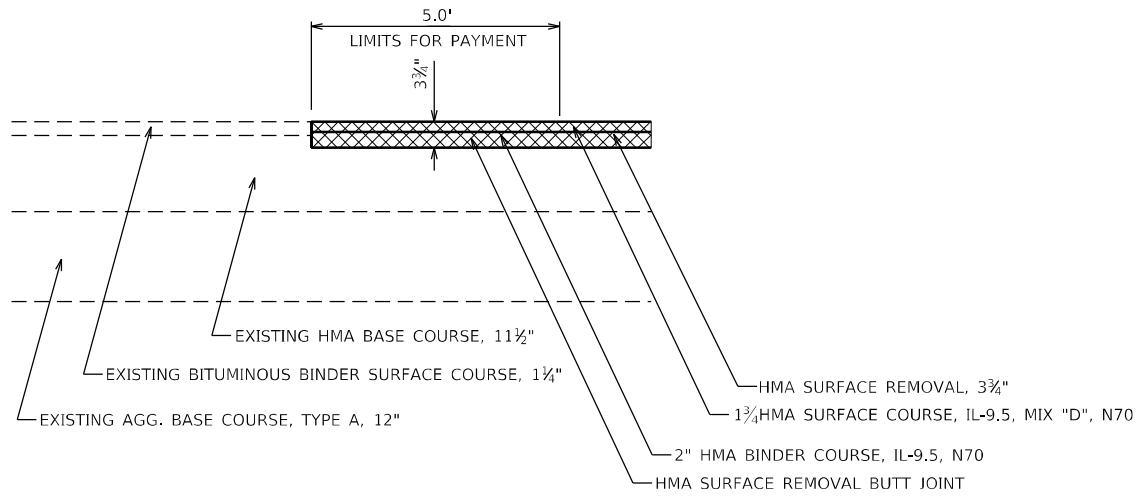
TYPICAL SECTIONS	
SCALE:	SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	15
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

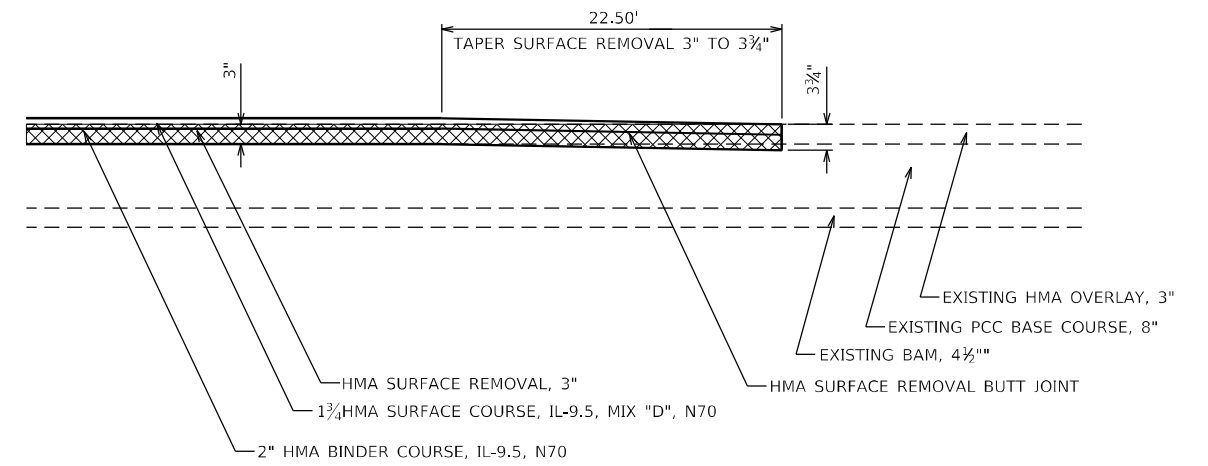
BUTT JOINT DETAIL

STA. 1490+03



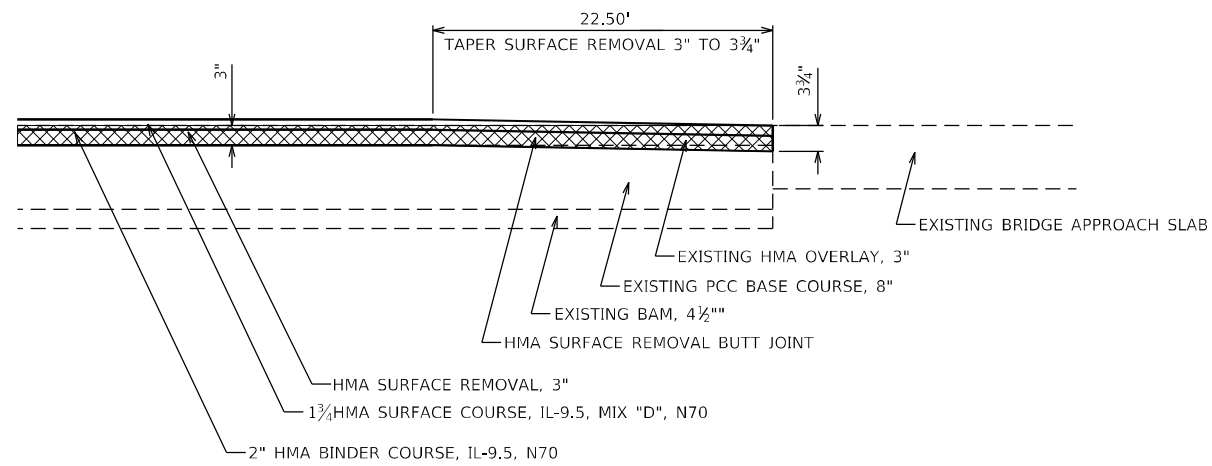
BUTT JOINT DETAIL

STA. 3+40
RAMPS



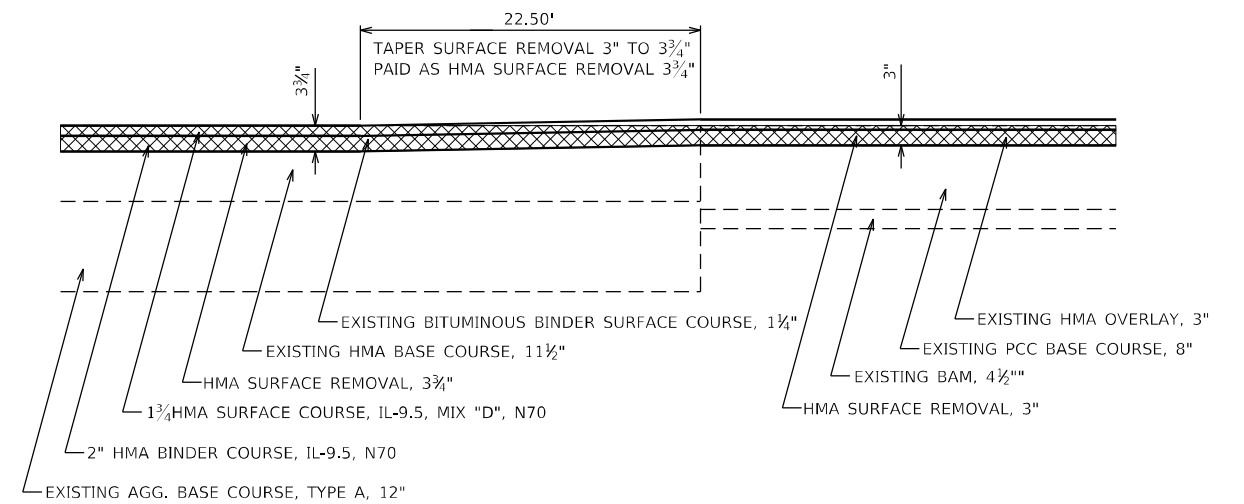
BUTT JOINT DETAIL

STA. 1620+60
STA. 1623+73



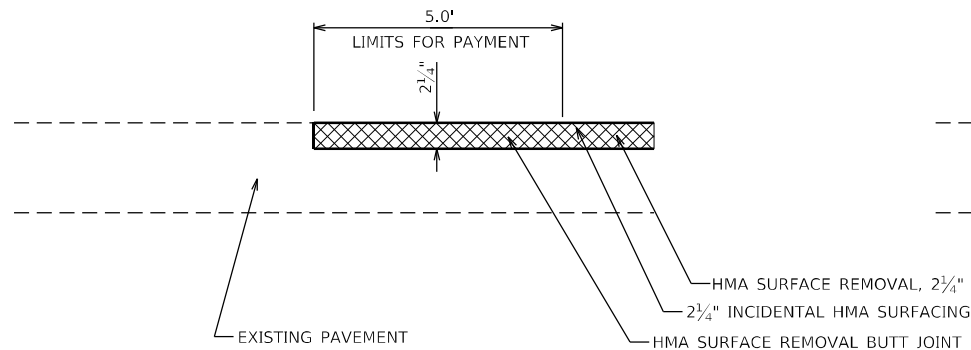
PAVEMENT TAPER DETAIL

STA. 1603+41.50 TO STA. 1603+64.00



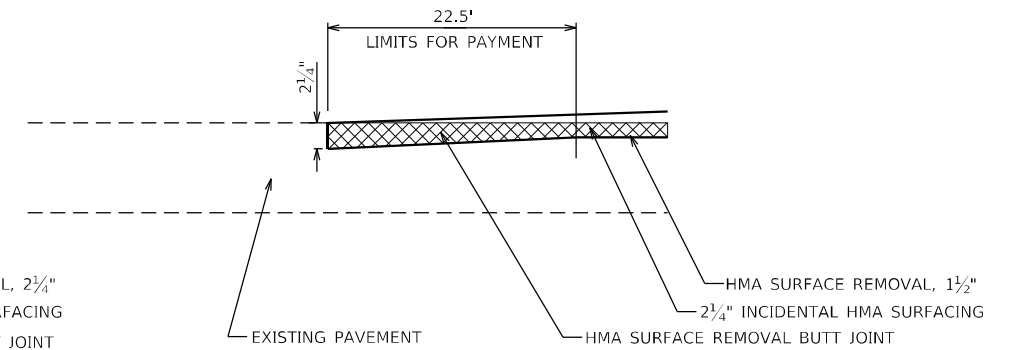
BUTT JOINT DETAIL

URBAN SIDE ROADS



BUTT JOINT DETAIL

RURAL SIDE ROADS



NOTES

** MATCH EXISTING SLOPE

HMA UNIT WEIGHT = 112 LB/SQ YD/IN

LONGITUDINAL JOINT SEALANT SHALL BE BETWEEN THE BINDER AND SURFACE LIFTS AT THE CENTERLINE AND LANE LANES.

6" JOINT TRIMMING SHALL BE CONSTRUCTED FOR THE MAINLINE HMA SURFACE COURSE WHEN THE EXISTING SHOULDERS ARE 3.0' WIDE OR WIDER AND RESURFACED INDEPENDENTLY OF THE MAINLINE RESURFACING. SEE SPECIAL PROVISIONS.

PAVEMENT FABRIC (SPECIAL) IS 2FT WIDE UNLESS OTHERWISE NOTED.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

MODEL: D:\64p15\111RS-6\CAD_Sheets\111RS-6\CAD_Sheets\111RS-6\111RS-6.dwg



USER NAME = drunroll	DESIGNED - DSR	REVISED -
DRAWN - DSR	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/17/2022	DATE - 03/08/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	16
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

25000750 MOWING

STA.	LOCATION TO	STA.	SIDE LT/RT	MOWING ACRE
1517+86.12	TO	1521+84.31	RT	0.25
WHITESIDE COUNTY URBAN SUBTOTAL				0.25
WHITESIDE COUNTY URBAN TOTAL				0.25
GRAND TOTAL				0.25

28000500 INLET AND PIPE PROTECTION

LOCATION STA.	SIDE LT/RT	INLET AND PIPE PROTECTION EACH
1517+86.12	RT	1.0
1520+56.90	RT	1.0
WHITESIDE COUNTY URBAN SUBTOTAL		2.0
WHITESIDE COUNTY URBAN TOTAL		2.0
GRAND TOTAL		2

35101600 AGGREGATE BASE COURSE, TYPE B 4"

LOCATION STA.	SIDE LT/RT	AGGREGATE BASE COURSE, TYPE B SQ YD	REMARKS
1520+20.23	RT	137.0	STAGE 1
1520+20.23	RT	196.0	STAGE 2
WHITESIDE COUNTY URBAN SUBTOTAL		333.0	
WHITESIDE COUNTY URBAN TOTAL		333.0	
GRAND TOTAL		333	

42300400 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

LOCATION STA.	SIDE	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH SQ FT	REMARKS
1520+20.23	RT	137.0	STAGE 1
1520+20.23	RT	196.0	STAGE 2
WHITESIDE COUNTY URBAN SUBTOTAL		333.0	
WHITESIDE COUNTY URBAN TOTAL		333.0	
GRAND TOTAL		333	

44000200 - DRIVEWAY PAVEMENT REMOVAL

LOCATION STA.	SIDE LT/RT	HMA DRIVEWAY PAVEMENT REMOVAL SQ YD	REMARKS
1520+20.23	RT	42.5	STAGE 1
1520+20.23	RT	143.1	STAGE 2
WHITESIDE COUNTY URBAN SUBTOTAL		185.6	
WHITESIDE COUNTY URBAN TOTAL		186.0	
GRAND TOTAL		186	

44000500 - COMBINATION CURB AND GUTTER REMOVAL

LOCATION STA.	TO STA.	COMBINATION CURB AND GUTTER REMOVAL FOOT
1608+00.00	TO 1636+00.00	200.0
WHITESIDE COUNTY RURAL SUBTOTAL		200.0
WHITESIDE COUNTY RURAL TOTAL		200
GRAND TOTAL		200

THE LOCATIONS OF THE COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED BY THE ENGINEER.

50105220 PIPE CULVERT REMOVAL

LOCATION STA.	TO STA.	SIDE LT/RT	LENGTH FOOT	PIPE CULVERT REMOVAL FOOT
1519+82.18	TO 1520+26.18	RT	44.00	44.0
1521+46.96	TO 1521+76.96	RT	30.00	30.0
WHITESIDE COUNTY URBAN SUBTOTAL				74.0
WHITESIDE COUNTY URBAN TOTAL				74.0
GRAND TOTAL				74

542A5473 PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"

LOCATION STA.	TO STA.	SIDE LT/RT	LENGTH FOOT	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18" FOOT
1519+82.23	TO 1520+42.23	RT	60.00	60.0
WHITESIDE COUNTY URBAN SUBTOTAL				60.0
WHITESIDE COUNTY URBAN TOTAL				60.0
GRAND TOTAL				60

542D0223 PIPE CULVERTS, CLASS D, TYPE 1, 18"

LOCATION STA.	TO STA.	SIDE LT/RT	LENGTH FOOT	PIPE CULVERTS, CLASS D, TYPE 1, 18" FOOT
1521+44.31	TO 1521+80.31	RT	36.00	36.0
WHITESIDE COUNTY URBAN SUBTOTAL				36.0
WHITESIDE COUNTY URBAN TOTAL				36.0
GRAND TOTAL				36

54260518 SLOPED METAL END SECTION, STANDARD 542411, 18", 1:6

LOCATION STA.	SIDE LT/RT	SLOPED METAL END SECTION, STANDARD 542100, 18" 1:6 EACH
1521+40.31	RT	1.0
1521+84.31	RT	1.0
WHITESIDE COUNTY URBAN SUBTOTAL		2.0
WHITESIDE COUNTY URBAN TOTAL		2.0
GRAND TOTAL		2

54263618 CONCRETE END SECTION, STANDARD 542011, 18", 1:6

LOCATION STA.	SIDE LT/RT	CONCRETE END SECTION, STANDARD 542011, 18", 1:6 EACH
1519+67.56	RT	1.0
1520+56.90	RT	1.0
WHITESIDE COUNTY URBAN SUBTOTAL		2.0
WHITESIDE COUNTY URBAN TOTAL		2.0
GRAND TOTAL		2

60608700 - COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (ABUTTING EXISTING PAVEMENT)

LOCATION STA.	TO STA.	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (ABUTTING) FOOT
1608+00.00	TO 1636+00.00	200.0
WHITESIDE COUNTY RURAL SUBTOTAL		200.0
WHITESIDE COUNTY RURAL TOTAL		200
GRAND TOTAL		200

THE LOCATIONS OF THE COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED BY THE ENGINEER.

60618300 - CONCRETE MEDIAN SURFACE, 4 INCH

LOCATION STA.	TO STA.	CONCRETE MEDIAN SURFACE, 4 INCH SQ FT
1608+00.00	TO 1636+00.00	250.0
WHITESIDE COUNTY RURAL SUBTOTAL		250.0
WHITESIDE COUNTY RURAL TOTAL		250
GRAND TOTAL		250

THE LOCATIONS OF THE MEDIAN SURFACE REMOVAL AND REPLACEMENT WILL BE DETERMINED BY THE ENGINEER.

63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

LOCATION STA.	TO STA.	SIDE LT/RT	LENGTH FOOT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS FOOT
1618+72.17	TO 1619+84.67	RT	112.50	112.5
1619+81.66	TO 1620+44.16	LT	62.50	62.5
1623+91.15	TO 1624+53.65	RT	62.50	62.5
1624+50.63	TO 1625+63.13	LT	112.50	112.5
WHITESIDE COUNTY RURAL SUBTOTAL				350.0
WHITESIDE COUNTY RURAL TOTAL				350.0
GRAND TOTAL				350

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

MODEL: D:\64p15\1111RS-6\CAD_Sheets\1111RS-6\CAD_Sheets\1111RS-6\1111RS-6.dgn



BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS - LAND SURVEYORS
1910 WEST LAFALETTE AVE.
JACKSONVILLE, IL 62505
PHONE: 217-245-4140 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME = drunoll
DESIGNED - DSR
DRAWN - DSR
CHECKED - WJS
DATE - 03/08/2022
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	17
CONTRACT NO. 64P15				

ILLINOIS FED. AID PROJECT

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

LOCATION	SIDE	TRAFFIC BARRIER TERMINAL, TYPE 6
STA. TO	STA.	LT/RT
1619+84.67 TO	1620+22.17	RT
1620+44.16 TO	1620+81.66	LT
1623+53.65 TO	1623+91.15	RT
1624+13.13 TO	1624+20.63	LT
WHITESIDE COUNTY RURAL SUBTOTAL		4.0
WHITESIDE COUNTY RURAL TOTAL		4.0
GRAND TOTAL		4

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

LOCATION	SIDE	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
STA. TO	STA.	LT/RT
1618+34.67 TO	1618+72.17	RT
1619+44.16 TO	1619+81.66	LT
1624+53.65 TO	1624+91.15	RT
1625+63.13 TO	1626+00.63	LT
WHITESIDE COUNTY RURAL SUBTOTAL		4.0
WHITESIDE COUNTY RURAL TOTAL		4.0
GRAND TOTAL		4

63200310 GUARDRAIL REMOVAL

LOCATION	SIDE	LENGTH	GUARDRAIL REMOVAL
STA. TO	STA.	LT/RT	FOOT TON
1618+86.66 TO	1620+81.66	LT	195.00 195
1618+27.77 TO	1620+22.17	RT	194.40 194
1623+53.65 TO	1625+47.20	RT	193.55 194
1624+13.13 TO	1626+08.24	LT	195.11 195
WHITESIDE COUNTY RURAL SUBTOTAL			778
WHITESIDE COUNTY RURAL TOTAL			778
GRAND TOTAL			778

63500105 DELINEATORS

LOCATION	SIDE	DELINEATORS	COMMENTS
STA. LT/RT		EACH	
1519+67.56 RT		1.0	NEW CULVERT AT IDOT MAINTENACNE ENTRANCE
1520+56.90 RT		1.0	NEW CULVERT AT IDOT MAINTENACNE ENTRANCE
1521+40.31 RT		1.0	NEW CULVERT AT CE ENTRANCE
1521+84.31 RT		1.0	NEW CULVERT AT CE ENTRANCE
WHITESIDE COUNTY URBAN SUBTOTAL		4.0	
WHITESIDE COUNTY URBAN TOTAL		4.0	
1618+24.67 RT		1.0	BEFORE GUARDRAIL
1619+34.16 LT		1.0	BEFORE GUARDRAIL
1625+01.15 RT		1.0	BEFORE GUARDRAIL
1626+10.63 LT		1.0	BEFORE GUARDRAIL
WHITESIDE COUNTY RURAL SUBTOTAL		4.0	
WHITESIDE COUNTY RURAL TOTAL		4.0	
GRAND TOTAL		8	

70300100 SHORT TERM PAVEMENT MARKING

LOCATION	LENGTH	# OF LANE LINES	# OF TURN LANE LINES	# OF SHOULDERS	SKIP-DASH YELLOW	SKIP-DASH WHITE	WHITE DIAGONALS	REMARKS
STA. TO	STA.	FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT
1490+03.00 TO	1535+83.00	4580.0	1	0	0	458.0	0.0	0.0
1535+83.00 TO	1536+25.71	42.7	1		2	4.3	0.0	1.6
1536+25.71 TO	1539+26.00	300.3	2		2	60.0	0.0	12.0
1539+26.00 TO	1542+05.66	279.7	2		1	56.0	0.0	5.6
1542+05.66 TO	1544+85.65	280.0	1	2	1	28.0	56.0	5.6
1545+86.88 TO	1548+84.63	297.8	1	2		29.8	59.6	0.0
1548+84.63 TO	1551+65.00	280.4	2			56.0	0.0	0.0
1551+65.00 TO	1553+24.92	159.9	2		2	32.0	0.0	6.4
1553+73.54 TO	1554+64.64	91.1	2			18.2	0.0	0.0
1554+64.64 TO	1554+90.00	25.4	1		2	2.5	0.0	0.8
1554+90.00 TO	1584+75.00	2985.0	1			298.5	0.0	0.0
EMMONS AVE.	1516+96.75	68.0	1			6.8	0.0	0.0
WHITESIDE COUNTY URBAN SUBTOTAL FOR 1 APPLICATION - MAINLINE					1043.3	115.6	32.0	
WHITESIDE COUNTY URBAN SUBTOTAL FOR 1 APPLICATION - SIDEROADS					6.8	0.0	0.0	
URBAN SUBTOTAL FOR 3 APPLICATIONS ON MAINLINE (AFTER MILLING, AFTER BINDER, AFTER SURFACE) & 2 APPLICATIONS ON SIDEROADS (AFTER MILLING, AFTER SURFACE)					3586			
1584+75.00 TO	1603+64.00	1889.0	1			188.9	0.0	0.0
1584+75.00 TO	1615+87.19	3112.2			2	0.0	0.0	124.8
1615+87.19 TO	1617+97.68	210.5		1	2	0.0	21.0	8.8
1617+97.68 TO	1620+60.00	262.3				0.0	0.0	0.0
1620+60.00 TO	1623+73.00	313.0				0.0	0.0	0.0
1623+73.00 TO	1625+91.75	218.8			2	0.0	0.0	8.8
1625+91.75 TO	1628+39.15	247.4		1	2	0.0	24.7	9.6
1628+39.15 TO	1635+69.00	729.9			2	0.0	0.0	28.8
1635+69.00 TO	1637+31.91	162.9	1		2	16.3	0.0	6.4
0+00.00 TO	3+40.00	340.0	1		2	34.0	0.0	13.6
MELVIN RD.	1607+63.81	120.0	1			12.0	0.0	0.0
SB I-88 OFF-RAMP	2267+82.31	165.5			2	0.0	0.0	26.4
SB I-88 ON-RAMP	2198+82.09	165.5			2	0.0	0.0	26.4
NB I-88 ON-RAMP	2267+82.31	168.0			2	0.0	0.0	27.2
NB I-88 OFF-RAMP	2198+82.09	145.0			2	0.0	0.0	23.2
WHITESIDE COUNTY RURAL SUBTOTAL FOR 1 APPLICATION - MAINLINE					239.2	45.7	200.8	
WHITESIDE COUNTY RURAL SUBTOTAL FOR 1 APPLICATION - SIDEROADS					12.0	0.0	103.2	
RURAL SUBTOTAL FOR 3 APPLICATIONS ON MAINLINE (AFTER MILLING, AFTER BINDER, AFTER SURFACE) & 2 APPLICATIONS ON SIDEROADS (AFTER MILLING, AFTER SURFACE)					1688			
GRAND TOTAL					5274			

MODEL D:\p4\h\111RS-6\CAD_Sheets\111RS-6\111RS-6.dgn

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

<p>BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62505 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000932</p>	USER NAME = drunroll	DESIGNED - DSR	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">SCHEDULE OF QUANTITIES</p>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -					*	111RS-6	WHITESIDE	65	18
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -		SCALE:	SHEET 2	OF 12 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
											CONTRACT NO. 64P15	

78009000 MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

LOCATION	LENGTH	SHORT TERM PAVEMENT MARKING REMOVAL
STA. TO STA.	FOOT	SQ FT
1490+03.00 TO 1535+83.00	4580.0	152.7
1535+83.00 TO 1536+25.71	42.7	2.0
1536+25.71 TO 1539+26.00	300.3	24.0
1539+26.00 TO 1542+05.66	279.7	20.5
1542+05.66 TO 1544+85.65	280.0	29.9
1545+86.88 TO 1548+84.63	297.8	29.8
1548+84.63 TO 1551+65.00	280.4	18.7
1551+65.00 TO 1553+24.92	159.9	12.8
1553+24.92 TO 1554+64.64	91.1	6.1
1554+64.64 TO 1554+90.00	25.4	1.1
1554+90.00 TO 1584+75.00	2985.0	99.5
EMMONS AVE. 1516+96.75	68.0	2.3
WHITESIDE COUNTY URBAN SUBTOTAL		399.4
WHITESIDE COUNTY URBAN TOTAL		399
1584+75.00 TO 1603+64.00	1889.0	63.0
1584+75.00 TO 1615+87.19	3112.2	41.6
1615+87.19 TO 1617+97.68	210.5	9.9
1617+97.68 TO 1620+60.00	262.3	0.0
1620+60.00 TO 1623+73.00	313.0	0.0
1623+73.00 TO 1625+91.75	218.8	2.9
1625+91.75 TO 1628+39.15	247.4	11.4
1628+39.15 TO 1635+69.00	729.9	9.6
1635+69.00 TO 1637+31.91	162.9	7.6
0+00.00 TO 3+40.00	340.0	15.9
MELVIN RD. 1607+63.81	120.0	4.0
SB 1-88 OFF-RAMP 2267+82.31	165.5	8.8
SB 1-88 ON-RAMP 2198+82.09	165.5	8.8
NB 1-88 ON-RAMP 2267+82.31	168.0	9.1
NB 1-88 OFF-RAMP 2198+82.09	145.0	7.7
WHITESIDE COUNTY RURAL SUBTOTAL		200.3
WHITESIDE COUNTY RURAL TOTAL		200
GRAND TOTAL		599

72501000 TERMINAL MARKER - DIRECT APPLIED

LOCATION	SIDE	TERMINAL MARKER - DIRECT APPLIED
STA.	LT/RT	EACH
1618+34.67	RT	1.0
1619+44.16	LT	1.0
1624+91.15	RT	1.0
1626+00.63	LT	1.0
WHITESIDE COUNTY RURAL SUBTOTAL		4.0
WHITESIDE COUNTY RURAL TOTAL		4.0
GRAND TOTAL		4

LOCATION	WHITE LETTERS & SYMBOLS	REMARKS
STA. OFFSET FT	SIDE LT/RT SQ FT	
1542+25 1.08	RT	15.6 US 30 - LEFT TURN ARROW
1542+25 27.02	RT	15.6 US 30 - RIGHT TURN ARROW
1543+05 0.76	RT	15.6 US 30 - LEFT TURN ARROW
1543+05 27.32	RT	15.6 US 30 - RIGHT TURN ARROW
1543+85 0.95	RT	15.6 US 30 - LEFT TURN ARROW
1543+85 27.17	RT	15.6 US 30 - RIGHT TURN ARROW
1544+65 0.77	RT	15.6 US 30 - LEFT TURN ARROW
1544+65 27.59	RT	15.6 US 30 - RIGHT TURN ARROW
1546+25 0.00	LT	15.6 US 30 - LEFT TURN ARROW
1546+25 26.44	LT	15.6 US 30 - RIGHT TURN ARROW
1547+05 0.00	LT	15.6 US 30 - LEFT TURN ARROW
1547+05 26.56	LT	15.6 US 30 - RIGHT TURN ARROW
1547+85 0.00	LT	15.6 US 30 - LEFT TURN ARROW
1547+85 26.36	LT	15.6 US 30 - RIGHT TURN ARROW
1548+65 0.00	LT	15.6 US 30 - LEFT TURN ARROW
1548+65 26.74	LT	15.6 US 30 - RIGHT TURN ARROW
WHITESIDE COUNTY URBAN SUBTOTAL		249.6
WHITESIDE COUNTY URBAN TOTAL		250
1616+10 2.18	LT	15.6 US 30 - LEFT TURN ARROW
1616+93 2.47	LT	15.6
1617+75 2.47	LT	15.6 US 30 - LEFT TURN ARROW
1625+92 8.56	RT	15.6 US 30 - LEFT TURN ARROW
1627+15 3.79	RT	15.6
1628+16 4.04	RT	15.6 US 30 - LEFT TURN ARROW
WHITESIDE COUNTY RURAL SUBTOTAL		93.6
WHITESIDE COUNTY RURAL TOTAL		94
GRAND TOTAL		344

78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4"

LOCATION	LENGTH	SOLID WHITE LINE	SOLID YELLOW LINE	SOLID DOUBLE YELLOW	SKIP-DASH YELLOW	REMARKS
STA. TO STA.	FOOT	FOOT	FOOT	FOOT	FOOT	
1490+03.00 TO 1495+30.00	527.0	975.0	527.0		131.8	TWO WHITE EDGELINES, ONE SKIP-DASH YELLOW LINE, ONE SOLID YELLOW LINE
1495+30.00 TO 1531+25.00	3595.0	6954.0			898.8	TWO WHITE EDGELINES, ONE SKIP-DASH YELLOW LINE
1531+25.00 TO 1536+25.71	500.7	1001.4	500.7		125.2	TWO WHITE EDGELINES, ONE SKIP-DASH YELLOW LINE, ONE SOLID YELLOW LINE
1536+25.71 TO 1541+46.88	521.2	1042.4		2084.8		TWO WHITE EDGELINES, TWO DOUBLE YELLOW LINES IN MEDIAN
1541+46.88 TO 1544+85.64	338.8	601.5		677.6		TWO WHITE EDGELINES, ONE DOUBLE YELLOW LINE
1545+86.89 TO 1549+45.98	359.1	627.5		718.2		TWO WHITE EDGELINES, ONE DOUBLE YELLOW LINE
1549+45.98 TO 1553+24.92	378.9	726.2		1515.6		TWO WHITE EDGELINES, TWO DOUBLE YELLOW LINES IN MEDIAN
1553+24.92 TO 1553+73.54	48.6	0.0				ONE WHITE EDGELINE
1553+73.54 TO 1554+64.64	91.1	159.0		364.4		TWO WHITE EDGELINES, TWO DOUBLE YELLOW LINES IN MEDIAN
1554+64.64 TO 1559+65.00	500.4	783.2	500.4		125.1	TWO WHITE EDGELINES, ONE SKIP-DASH YELLOW LINE, ONE SOLID YELLOW LINE
1554+64.64 TO 1584+75.00	3010.4	5822.8			752.6	TWO WHITE EDGELINES, ONE SKIP-DASH YELLOW LINE
WHITESIDE COUNTY URBAN SUBTOTAL		18693.0	1528.1	5360.6	2033.5	
WHITESIDE COUNTY URBAN TOTAL					27615	
1584+75.00 TO 1603+88.00	1913.0	3826.0			478.3	TWO WHITE EDGELINES, ONE SKIP-DASH YELLOW LINE
1603+88.00 TO 1606+00.00	212.0	424.0	212.0		53.0	TWO WHITE EDGELINES, ONE SKIP-DASH YELLOW LINE, ONE SOLID YELLOW LINE
1606+00.00 TO 1608+88.51	288.5	408.3	577.0		72.1	TWO WHITE EDGELINES, TWO SOLID YELLOW LINES
1608+88.51 TO 1615+07.16	618.6	934.1	1237.2			TWO WHITE EDGELINES, TWO SOLID YELLOW LINES
1615+07.16 TO 1615+87.17	80.0	97.9				TWO WHITE EDGELINES
1615+87.17 TO 1620+60.00	472.8	945.6	945.6			TWO WHITE EDGELINES, TWO SOLID YELLOW LINES
1620+60.00 TO 1623+73.00	313.0	626.0	626.0			TWO WHITE EDGELINES, TWO SOLID YELLOW LINES (SN 098-0091)
1623+73.00 TO 1628+39.13	466.1	932.2	932.2			TWO WHITE EDGELINES, TWO SOLID YELLOW LINES
1628+39.13 TO 1629+27.52	88.4	113.1				TWO WHITE EDGELINES
1629+27.52 TO 1635+69.00	641.5	958.4	1283.0			TWO WHITE EDGELINES, TWO SOLID YELLOW LINES
1635+69.00 TO 1637+31.91	162.9	279.3	325.8			TWO WHITE EDGELINES, TWO SOLID YELLOW LINES
0+00.00 TO 2+00.00	200.0	295.9	400.0			TWO WHITE EDGELINES, TWO SOLID YELLOW LINES
2+00.00 TO 3+40.00	140.0	280.0	140.0		35.0	TWO WHITE EDGELINES, ONE SKIP-DASH YELLOW LINE, ONE SOLID YELLOW LINE
EMMONS AVE. 1516+96.75	68.0				17.0	ONE SKIP-DASH YELLOW LINE
MCNEIL RD. (LT) 1545+32.66	61.1	122.2				TWO WHITE EDGELINES
MCNEIL RD. (RT) 2267+82.31	72.3	144.6				TWO WHITE EDGELINES
KAUFFMAN ST. 1553+45.79	41.4	82.8				TWO WHITE EDGELINES
MELVIN RD. 1607+63.81	138.8	277.6			34.7	TWO WHITE EDGELINES, ONE SOLID YELLOW LINE
SB 1-88 OFF-RAMP 2267+82.31	165.5	331.0				TWO WHITE EDGELINES
SB 1-88 ON-RAMP 2198+82.09	165.5	331.0				TWO WHITE EDGELINES
NB 1-88 ON-RAMP 2267+82.31	168.0	336.0				TWO WHITE EDGELINES
NB 1-88 OFF-RAMP 2198+82.09	145.0	290.0				TWO WHITE EDGELINES
HAMILTON RD. 2267+82.31	56.9	113.8				TWO WHITE EDGELINES
WHITESIDE COUNTY RURAL SUBTOTAL		12149.8	6678.8	0.0	690.1	
WHITESIDE COUNTY RURAL TOTAL					19519	
GRANDTOTAL					47134	

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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USER NAME = drunoll	DESIGNED - DSR	REVISED -
	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 3	OF 12 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	19
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

78011000 GROOVING FOR RECESSED PAVEMENT MARKING - LETTERS AND SYMBOLS

LOCATION			GROOVING FOR RECESSED LETTERS & SYMBOLS	
STA.	OFFSET FT	SIDE LT/RT	SQ FT	
1542+25	1.08	RT	19.5	
1542+25	27.02	RT	19.5	
1543+05	0.76	RT	19.5	
1543+05	27.32	RT	19.5	
1543+85	0.95	RT	19.5	
1543+85	27.17	RT	19.5	
1544+65	0.77	RT	19.5	
1544+65	27.59	RT	19.5	
1546+25	0.00	LT	19.5	
1546+25	26.44	LT	19.5	
1547+05	0.00	LT	19.5	
1547+05	26.56	LT	19.5	
1547+85	0.00	LT	19.5	
1547+85	26.36	LT	19.5	
1548+65	0.00	LT	19.5	
1548+65	26.74	LT	19.5	
WHITESIDE COUNTY URBAN SUBTOTAL			312.0	
WHITESIDE COUNTY URBAN TOTAL			312	
1616+10	2.18	LT	19.5	
1616+93	2.47	LT	19.5	
1617+75	2.47	LT	19.5	
1625+92	8.56	RT	19.5	
1627+15	3.79	RT	19.5	
1628+16	4.04	RT	19.5	
WHITESIDE COUNTY RURAL SUBTOTAL			117.0	
WHITESIDE COUNTY RURAL TOTAL			117	
GRAND TOTAL			429	

78009008 MODIFIED URETHANE PAVEMENT MARKING - LINE 8"

LOCATION		LENGTH	SOLID WHITE LINE	REMARKS
STA.	TO STA.	FOOT	FOOT	
1542+05.66	TO 1544+85.65	280.0	560.0	TWO WHITE TURN LANE LINES
1545+86.88	TO 1548+84.63	297.8	595.6	TWO WHITE TURN LANE LINES
WHITESIDE COUNTY URBAN SUBTOTAL			1155.6	
WHITESIDE COUNTY URBAN TOTAL			1156	
1615+87.19	TO 1617+97.68	210.5	210.5	ONE WHITE TURN LANE LINE
1625+91.75	TO 1628+39.15	247.4	247.4	ONE WHITE TURN LANE LINE
SB I-88 OFF-RAMP	2198+47.79	152.3	304.6	ONE PAINTED ISLAND
SB I-88 ON-RAMP	2200+17.21	237.0	237.0	ONE PAINTED ISLAND
NB I-88 ON-RAMP	2201+77.12	229.2	229.2	ONE PAINTED ISLAND
NB I-88 OFF-RAMP	2214+90.20	154.0	154.0	ONE PAINTED ISLAND
WHITESIDE COUNTY RURAL SUBTOTAL			1382.7	
WHITESIDE COUNTY RURAL TOTAL			1383	
GRAND TOTAL			2539	

78011025 GROOVING FOR RECESSED PAVEMENT MARKING 5"

LOCATION		LENGTH	SOLID WHITE LINE	SOLID YELLOW LINE	SOLID DOUBLE YELLOW	SKIP-D ASH YELLOW	GROOVING FOR RECESSED PAVEMENT MARKING 5"
STA.	TO STA.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
1490+03.00	TO 1495+30.00	527.0	975.0	527.0			1633.8
1495+30.00	TO 1531+25.00	3595.0	6954.0				7852.8
1531+25.00	TO 1536+25.71	500.7	1001.4	500.7		125.2	1627.3
1536+25.71	TO 1541+46.88	521.2	1042.4		2084.8		3127.2
1541+46.88	TO 1544+85.64	338.8	601.5		677.6		1279.1
1545+86.89	TO 1549+45.98	359.1	627.5		718.2		1345.7
1549+45.98	TO 1553+24.92	378.9	726.2		1515.6		2241.8
1553+24.92	TO 1553+73.54	48.6	0.0				0.0
1553+73.54	TO 1554+64.64	91.1	159.0		364.4		523.4
1554+64.64	TO 1559+65.00	500.4	783.2	500.4		125.1	1408.7
1554+64.64	TO 1584+75.00	3010.4	5822.8			752.6	6575.4
WHITESIDE COUNTY URBAN SUBTOTAL			18693.0	1528.1	5360.6	2033.5	27615.2
WHITESIDE COUNTY URBAN TOTAL			27615				27615
1584+75.00	TO 1603+88.00	1913.0	3826.0			478.3	4304.3
1603+88.00	TO 1606+00.00	212.0	424.0	212.0		53.0	689.0
1606+00.00	TO 1608+88.51	288.5	408.3	577.0		72.1	1057.4
1608+88.51	TO 1615+07.16	618.6	934.1	1237.2			2171.3
1615+07.16	TO 1615+87.17	80.0	97.9				97.9
1615+87.17	TO 1620+60.00	472.8	945.6	945.6			1891.2
1620+60.00	TO 1623+73.00	313.0	626.0	626.0			1252.0
1623+73.00	TO 1628+39.13	466.1	932.2	932.2			1864.4
1628+39.13	TO 1629+27.52	88.4	113.1				113.1
1629+27.52	TO 1635+69.00	641.5	958.4	1283.0			2241.4
1635+69.00	TO 1637+31.91	162.9	279.3	325.8			605.1
0+00.00	TO 2+00.00	200.0	295.9	400.0			695.9
2+00.00	TO 3+40.00	140.0	280.0	140.0		35.0	455.0
EMMONS AVE.	1516+96.75	68.0				17.0	17.0
NCNEIL RD. (LT)	1545+32.66	61.1	122.2				122.2
NCNEIL RD. (RT)	2267+82.31	72.3	144.6				144.6
KAUFFMAN ST.	1553+45.79	41.4	82.8				82.8
MELVIN RD.	1607+63.81	138.8	277.6			34.7	312.3
SB I-88 OFF-RAMP	2267+82.31	165.5	331.0				331.0
SB I-88 ON-RAMP	2198+82.09	165.5	331.0				331.0
NB I-88 ON-RAMP	2267+82.31	168.0	336.0				336.0
NB I-88 OFF-RAMP	2198+82.09	145.0	290.0				290.0
HAMILTON RD.	2267+82.31	56.9	113.8				113.8
WHITESIDE COUNTY RURAL SUBTOTAL			12149.8	6678.8	0.0	690.1	19518.7
WHITESIDE COUNTY RURAL TOTAL			19519				19519
GRANDTOTAL			47134				47134

78009012 MODIFIED URETHANE PAVEMENT MARKING - LINE 12"

LOCATION		SOLID YELLOW LINE	SOLID WHITE LINE	REMARKS
STA.	TO STA.	FOOT	FOOT	
1536+25.71	TO 1541+76.08	154.8		YELLOW DIAGONALS IN MEDIAN
1549+16.81	TO 1553+25.02	136.0		YELLOW DIAGONALS IN MEDIAN
1553+73.57	TO 1554+64.64	10.1		YELLOW DIAGONALS IN MEDIAN
WHITESIDE COUNTY URBAN SUBTOTAL		300.9	0.0	
WHITESIDE COUNTY URBAN TOTAL		301		
2215+28.27	TO 2218+62.04		94.9	WHITE DIAGONALS FOR SB I-88 OFF-RAMP PAINTED ISLAND
2221+99.11	TO 2227+28.88		251.1	WHITE DIAGONALS FOR SB I-88 ON-RAMP PAINTED ISLAND
2259+13.05	TO 2264+45.40		244.1	WHITE DIAGONALS FOR NB I-88 ON-RAMP PAINTED ISLAND
2266+30.58	TO 2267+45.89		101.0	WHITE DIAGONALS FOR NB I-88 OFF-RAMP PAINTED ISLAND
WHITESIDE COUNTY RURAL SUBTOTAL		0.0	691.1	
WHITESIDE COUNTY RURAL TOTAL		691		
GRAND TOTAL		992		

78009024 MODIFIED URETHANE PAVEMENT MARKING - LINE 24"

LOCATION		SOLID WHITE LINE	REMARKS
STA.	FOOT		
1516+21	23.7		NEW HIGH ST. STOP BAR
1516+67	13.8		NEW HIGH ST. STOP BAR
1545+12	28.5		MCNEIL RD. STOP BAR
1545+53	27.9		MCNEIL RD. STOP BAR
1553+55	17.6		KAUFFMAN ST. STOP BAR
WHITESIDE COUNTY URBAN SUBTOTAL		111.5	
WHITESIDE COUNTY URBAN TOTAL		112	
1607+55	14.4		MELVIN RD. STOP BAR
1614+66	19.7		SB I-88 OFF-RAMP STOP BAR
1615+12	21.3		SB I-88 OFF-RAMP STOP BAR
1629+23	21.3		NB I-88 OFF-RAMP STOP BAR
1629+65	19.7		NB I-88 OFF-RAMP STOP BAR
WHITESIDE COUNTY RURAL SUBTOTAL		96.4	
WHITESIDE COUNTY RURAL TOTAL		96	
GRAND TOTAL		208	

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USER NAME = drunoll	DESIGNED - DSR	REVISED -
	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	CHIVITY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	20
CONTRACT NO. 64P15				
* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)				
ILLINOIS FED. AID PROJECT				

78011045 GROOVING FOR RECESSED PAVEMENT MARKING 9"

LOCATION			GROOVING FOR RECESSED PAVEMENT MARKING 9"
STA.	TO	STA.	FOOT
1542+05.66	TO	1544+85.65	560.0
1545+86.88	TO	1548+84.63	595.6
WHITESIDE COUNTY URBAN SUBTOTAL			1155.6
WHITESIDE COUNTY URBAN TOTAL			1156
1615+87.19	TO	1617+97.68	210.5
1625+91.75	TO	1628+39.15	247.4
SB I-88 OFF-RAMP		2198+47.79	304.6
SB I-88 ON-RAMP		2200+17.21	237.0
NB I-88 ON-RAMP		2201+77.12	229.2
NB I-88 OFF-RAMP		2214+90.20	154.0
WHITESIDE COUNTY RURAL SUBTOTAL			1382.7
WHITESIDE COUNTY RURAL TOTAL			1383
GRAND TOTAL			2539

78011065 GROOVING FOR RECESSED PAVEMENT MARKING 13"

LOCATION			GROOVING FOR RECESSED PAVEMENT MARKING 13"
STA.	TO	STA.	FOOT
1536+25.71	TO	1541+76.08	154.8
1549+16.81	TO	1553+25.02	136.0
1553+73.57	TO	1554+64.64	10.1
WHITESIDE COUNTY URBAN SUBTOTAL			300.9
WHITESIDE COUNTY URBAN TOTAL			301
2215+28.27	TO	2218+62.04	94.9
2221+99.11	TO	2227+28.88	251.1
2259+13.05	TO	2264+45.40	244.1
2266+30.58	TO	2267+45.89	101.0
WHITESIDE COUNTY RURAL SUBTOTAL			691.1
WHITESIDE COUNTY RURAL TOTAL			691
GRAND TOTAL			992

78011125 GROOVING FOR RECESSED PAVEMENT MARKING 25"

LOCATION		GROOVING FOR RECESSED PAVEMENT MARKING 25"
STA.		FOOT
1516+21		23.7
1516+67		13.8
1545+12		28.5
1545+53		27.9
1553+55		17.6
WHITESIDE COUNTY URBAN SUBTOTAL		111.5
WHITESIDE COUNTY URBAN TOTAL		112
1607+55		14.4
1614+66		19.7
1615+12		21.3
1629+23		21.3
1629+65		19.7
WHITESIDE COUNTY RURAL SUBTOTAL		96.4
WHITESIDE COUNTY RURAL TOTAL		96
GRAND TOTAL		208

78100100 RAISED REFLECTIVE PAVEMENT MARKER

LOCATION				LENGTH	ONE-WAY CRYSTAL	TWO-WAY AMBER
STA.	TO	STA.	FOOT	EACH	EACH	
1536+25.71	TO	1539+64.94	339.23			18
1539+64.94	TO	1542+05.67	240.73			18
1542+05.67	TO	1544+85.88	280.21	30		21
1545+86.89	TO	1548+84.63	297.74	32		24
1548+84.63	TO	1551+05.62	220.99			17
1551+05.62	TO	1553+24.92	219.30			13
1553+73.55	TO	1554+64.64	91.09			9
WHITESIDE COUNTY URBAN SUBTOTAL				62		120
WHITESIDE COUNTY URBAN TOTAL				182		
1615+87.19	TO	1617+97.68	210.49	12		
1625+91.75	TO	1628+39.15	247.40	13		
WHITESIDE COUNTY RURAL SUBTOTAL				25		0
WHITESIDE COUNTY RURAL TOTAL				25		
GRAND TOTAL				207		

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION				LENGTH	ONE-WAY CRYSTAL	TWO-WAY AMBER
STA.	TO	STA.	FOOT	EACH	EACH	
1536+25.71	TO	1539+64.94	339.23			18
1539+64.94	TO	1542+05.67	240.73			18
1542+05.67	TO	1544+85.88	280.21	30		21
1545+86.89	TO	1548+84.63	297.74	32		24
1548+84.63	TO	1551+05.62	220.99			17
1551+05.62	TO	1553+24.92	219.30			13
1553+73.55	TO	1554+64.64	91.09			9
WHITESIDE COUNTY URBAN SUBTOTAL				62		120
WHITESIDE COUNTY URBAN TOTAL				182		
GRAND TOTAL				182		

78300202 PAVEMENT MARKING REMOVAL - WATER BLASTING

LOCATION			PAVEMENT MARKING REMOVAL - WATER BLASTING
STA.	TO	STA.	SQ FT
1620+60.00	TO	1623+73.00	417.3
WHITESIDE COUNTY RURAL SUBTOTAL			417.3
WHITESIDE COUNTY RURAL TOTAL			417
GRANDTOTAL			417

X0327301 RELOCATE EXISTING MAIL BOX

LOCATION		SIDE	RELOCATE EXISTING MAIL BOX
STA.	LT/RT		EACH
1520+30.00	RT		1.0
WHITESIDE COUNTY URBAN SUBTOTAL			1.0
WHITESIDE COUNTY URBAN TOTAL			1.0
GRAND TOTAL			1

X4402020 - CONCRETE MEDIAN SURFACE REMOVAL

LOCATION		CONCRETE MEDIAN SURFACE REMOVAL	
STA.	TO	STA.	SQ FT
1608+00.00	TO	1636+00.00	250.0
WHITESIDE COUNTY RURAL SUBTOTAL			250.0
WHITESIDE COUNTY RURAL TOTAL			250
GRAND TOTAL			250

THE LOCATIONS OF THE MEDIAN SURFACE REMOVAL AND REPLACEMENT WILL BE DETERMINED BY THE ENGINEER.

X6640298 CHAIN LINK FENCE (SPECIAL)

LOCATION		SIDE	FENCE REMOVAL (SPECIAL)	
STA.	TO	STA.	LT/RT	FOOT
1519+92.73	TO	1520+00.73	RT	8.0
1520+39.73	TO	1520+47.73	RT	8.0
WHITESIDE COUNTY URBAN SUBTOTAL				16.0
WHITESIDE COUNTY URBAN TOTAL				16.0
GRAND TOTAL				16.0

X6640302 CHAIN LINK FENCE REMOVAL (SPECIAL)

LOCATION		SIDE	FENCE REMOVAL (SPECIAL)	
STA.	TO	STA.	LT/RT	FOOT
1519+92.73	TO	1520+47.73	RT	55.0
WHITESIDE COUNTY URBAN SUBTOTAL				55.0
WHITESIDE COUNTY URBAN TOTAL				55.0
GRAND TOTAL				55.0

X6640308 CHAIN LINK GATES (SPECIAL)

LOCATION		SIDE	CHAIN LINK GATE (SPECIAL)	
STA.	TO	STA.	LT/RT	EACH
1520+00.73	TO	1520+39.73	RT	2.0
WHITESIDE COUNTY URBAN SUBTOTAL				2.0
WHITESIDE COUNTY URBAN TOTAL				2.0
GRAND TOTAL				2.0

X7820007 GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

LOCATION		SIDE	GUARDRAIL REFLECTORS, TYPE C (SPECIAL)	
STA.	TO	STA.	LT/RT	EACH
1618+34.67	TO	1620+22.17	RT	3.0
1619+44.16	TO	1620+81.66	LT	2.0
1623+53.65	TO	1624+91.15	RT	2.0
1624+13.13	TO	1626+00.63	LT	3.0
WHITESIDE COUNTY RURAL SUBTOTAL				10.0
WHITESIDE COUNTY RURAL TOTAL				10.0
GRAND TOTAL				10

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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USER NAME = drunoll
 DESIGNED - DSR
 DRAWN - DSR
 CHECKED - WJS
 DATE - 03/08/2022
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 3/8/2022

REVISOR -
 REVISION -
 REVISION -
 REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	QUANTITY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	21
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING SCHEDULE																										
LOCATION		LENGTH	AVG. WIDTH					AREA				40600290		40600370	40600982	40600990				40602985	40604000		40604062			
			MAINLINE	MAINLINE JOINT TRIMMING WIDTH	LT SHLDR	RT SHLDR	TOTAL SHOULDER WIDTH	MAINLINE	JOINT TRIMMING AREA	BIT MATERIALS (OVERLAP FOR JOINT TRIMMING)	SHOULDER	BITUMINOUS MATERIALS (TACK COAT) ONE APPLICATION	BITUMINOUS MATERIALS (TACK COAT) TWO APPLICATIONS	LONGITUDINAL JOINT SEALANT	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP (1.5")	TEMPORARY RAMP (1.75")	TEMPORARY RAMP (2.25")	TEMPORARY RAMP (3.75")	HMA BINDER COURSE, 1L-9.5,N70 (2.0")	HMA SURFACE COURSE, 1L-9.5FG, MIX "C",N50 (3.75")	HMA SURFACE COURSE, 1L-9.5FG, MIX "C",N50 (2.25")	HMA SURFACE COURSE, 1L-9.5, MIX "D",N70 (1.75")			
STA.	TO	STA.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	SQ FT	POUND	POUND	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON		
1490+03.00	TO	1497+14.00	711.00	24.0	1.0	3.0	3.0	6.0	17064.0	711.0	474.0	4266.0		1629.4	711.0	16.7				19.4		41.7	238.9	106.2	0.0	193.6
1497+14.00	TO	1535+83.00	3869.00	27.0				0.0	104463.0	0.0	0.0	0.0		7834.7	3869.0							1462.5	0.0	0.0	1137.5	
1535+83.00	TO	1539+26.00	343.00	32.0	1.0	8.0	8.0	16.0	10976.0	343.0	228.7	5488.0		1249.1	686.0							153.7	136.6	0.0	123.3	
1539+26.00	TO	1542+05.66	279.66	47.0	1.0	8.0	4.0	12.0	13144.0	279.7	186.4	3355.9		1249.1	839.0							184.0	83.5	0.0	146.2	
1542+05.66	TO	1545+33.00	327.34	52.0	1.0	8.0	4.0	12.0	17021.7	327.3	218.2	2769.3		1498.0	982.0							238.3	68.9	0.0	188.9	
1545+33.00	TO	1548+84.63	351.63	52.0	1.0	4.0	4.0	8.0	18284.8	351.6	234.4	2014.6		1537.1	1054.9							256.0	50.1	0.0	202.9	
1548+84.63	TO	1551+65.00	280.37	47.0	1.0	4.0	4.0	8.0	13177.4	280.4	186.9	2243.0		1168.2	841.1							184.5	55.8	0.0	146.5	
1551+65.00	TO	1554+90.00	325.00	32.0	1.0	8.0	8.0	16.0	10400.0	325.0	216.7	4372.8		1121.5	650.0							145.6	108.8	0.0	116.8	
1554+90.00	TO	1584+75.00	2985.00	27.0				0.0	80595.0	0.0	0.0	0.0		6044.6	2985.0							1128.3	0.0	0.0	877.6	
WHITESIDE COUNTY URBAN SUBTOTAL -1													0.0	23331.7	12618.0	16.7	0.0	19.4	0.0	41.7	3991.8	609.9	0.0	3133.3		
1584+75.00	TO	1603+64.00	1889.00	27.0				0.0	51003.0	0.0	0.0	0.0		3825.2	1889.0							714.0	0.0	0.0	555.4	
1603+64.00	TO	1608+89.00	525.00	30.0	1.0	10.0	10.0	20.0	15750.0	525.0	350.0	10500.0		1990.6	525.0							220.5	261.3	0.0	177.2	
1608+89.00	TO	1612+23.00	334.00	30.5	1.0	10.0	10.0	20.0	10187.0	334.0	222.7	6680.0		1278.9	0.0							142.6	166.3	0.0	114.6	
1612+23.00	TO	1615+07.00	284.00	29.0	1.0	10.0	10.0	20.0	8236.0	284.0	189.3	2648.0		828.1	0.0							115.3	65.9	0.0	92.8	
1615+07.00	TO	1615+87.18	80.18	44.0	1.0	10.0	10.0	20.0	3527.9	80.2	53.5	983.6		341.7	160.4							49.4	24.5	0.0	39.3	
1615+87.18	TO	1617+97.68	210.50	40.0	1.0	10.0	10.0	20.0	8420.0	210.5	140.3	4210.0		956.0	210.5							117.9	104.8	0.0	94.0	
1617+97.68	TO	1620+27.80	230.12	34.0	1.0	10.0	10.0	20.0	7824.1	230.1	153.4	4602.4		941.6	230.1							109.5	114.5	0.0	87.7	
1620+27.80	TO	1620+60.00	32.20	28.0	1.0	10.0	10.0	20.0	901.6	32.2	21.5	644.0		117.3	0.0	120.0						12.6	16.0	0.0	10.2	
1620+60.00	TO	1623+73.00	313.00	PAVING GAP																						
1623+73.00	TO	1624+06.90	33.90	28.0	1.0	10.0	10.0	20.0	949.2	33.9	22.6	678.0		123.5	0.0	120.0						13.3	16.9	0.0	10.7	
1624+06.90	TO	1625+91.74	184.84	34.0	1.0	10.0	10.0	20.0	6284.6	184.8	123.2	3696.8		756.3	184.8							88.0	92.0	0.0	70.4	
1625+91.74	TO	1628+39.20	247.46	40.0	1.0	10.0	10.0	20.0	9898.4	247.5	165.0	4949.2		1123.9	247.5							138.6	123.2	0.0	110.5	
1628+39.20	TO	1629+28.00	88.80	44.0	1.0	10.0	10.0	20.0	3907.2	88.8	59.2	1150.0		383.0	177.6							54.7	28.6	0.0	43.5	
1629+28.00	TO	1632+22.00	294.00	29.0	1.0	10.0	10.0	20.0	8526.0	294.0	196.0	2623.0		848.4	0.0							119.4	65.3	0.0	96.0	
1632+22.00	TO	1635+69.00	347.00	30.5	1.0	10.0	10.0	20.0	10583.5	347.0	231.3	6940.0		1328.7	0.0							148.2	172.7	0.0	119.0	
1635+69.00	TO	1637+32.00	163.00	29.5	1.0	10.0	10.0	20.0	4808.5	163.0	108.7	2795.0		577.1	163.0							67.3	69.6	0.0	54.1	
0+00.00	TO	3+40.00	340.00	26.8	1.0	10.0	10.0	20.0	9112.0	340.0	226.7	5759.0		1129.5	340.0	117.0						127.6	143.3	0.0	102.9	
WHITESIDE COUNTY RURAL SUBTOTAL -1													0.0	16549.8	4127.9	357.0	0.0	92.5	0.0	198.4	2238.9	1464.9	0.0	1778.3		
WHITESIDE COUNTY URBAN SIDE ROAD SUBTOTAL (SEE NOTE 1)													1425.5	0.0	0.0	147.1	267.5	780.4	220.7	0.0	0.0	0.0	40.0	0.0		
WHITESIDE COUNTY URBAN ENTRANCE SUBTOTAL (SEE NOTE 2)													3557.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
WHITESIDE COUNTY RURAL SIDE ROAD SUBTOTAL (SEE NOTE 1)													488.6	2924.7	0.0	438.8	71.0	281.4	50.4	159.8	392.4	272.7	22.6	305.2		
WHITESIDE COUNTY RURAL ENTRANCE SUBTOTAL (SEE NOTE 2)													500.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
WHITESIDE COUNTY URBAN TOTAL													28314	12618	164	1330	3992	650	3133							
WHITESIDE COUNTY RURAL TOTAL													20464	4128	796	854	2631	1760	2084							
GRAND TOTAL													48778	16746	960	2184	6623	2410	5217							

NOTE 1: SEE SIDE ROAD RESURFACING SCHEDULE
NOTE 2: SEE ENTRANCE RESURFACING SCHEDULE

MODEL: D:\p15\111RS-6\CAD_Sheets\111RS-6\15-CH-RESURF.dgn

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62650 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000932	USER NAME = drunoll	DESIGNED - DSR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SCHEDULE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -						*	111RS-6	WHITESIDE	65	22	
PLOT DATE = 3/17/2022	DATE - 03/17/2022	REVISED -					SCALE:	SHEET 6	OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 64P15		
													ILLINOIS FED. AID PROJECT	

MAINLINE RESURFACING SCHEDULE CONTINUED																				
LOCATION		LENGTH	AVG. WIDTH					AREA			44000161	44000164	44004250	48102100	48203029	X4201650	X4400196	Z0034105		
			MAINLINE	MAINLINE JOINT TRIMMING WIDTH	LT SHLDR	RT SHLDR	TOTAL SHOULDER WIDTH	MAINLINE	JOINT TRIMMING AREA	SHOULDER	HMA SURFACE REMOVAL, 3.0"	HMA SURFACE REMOVAL, 3.75"	PAVED SHOULDER REMOVAL (SEE TYP. SECTIONS)	AGGREGATE WEDGE SHOULDER, TYPE B	HMA SHOULDERS 8"	PAVEMENT FABRIC (SPECIAL)	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	MATERIAL TRANSFER DEVICE		
STA.	TO	STA.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD	SQ YD	TON	
1490+03.00	TO	1497+14.00	711.00	24.0	1.0	3.0	3.0	6.0	17064.0	711.0	4266.0	0.0	2353.3		48.2		474.0	79.0	432.5	
1497+14.00	TO	1535+83.00	3869.00	27.0				0.0	104463.0	0.0	0.0	0.0	11607.0	14.5	300.0	77.3	2579.3	0.0	2600.0	
1535+83.00	TO	1539+26.00	343.00	32.0	1.0	8.0	8.0	16.0	10976.0	343.0	5488.0	0.0	1829.3		36.1		419.2	38.1	277.0	
1539+26.00	TO	1542+05.66	279.66	47.0	1.0	8.0	4.0	12.0	13144.0	279.7	3355.9	0.0	1833.3		25.1		341.8	31.1	330.2	
1542+05.66	TO	1545+33.00	327.34	52.0	1.0	8.0	4.0	12.0	17021.7	327.3	2769.3	0.0	2199.0		25.5		400.1	36.4	427.2	
1545+33.00	TO	1548+84.63	351.63	52.0	1.0	4.0	4.0	8.0	18284.8	351.6	2014.6	0.0	2255.5		23.4		429.8	39.1	458.9	
1548+84.63	TO	1551+65.00	280.37	47.0	1.0	4.0	4.0	8.0	13177.4	280.4	2243.0	0.0	1713.4		23.3		342.7	31.2	331.0	
1551+65.00	TO	1554+90.00	325.00	32.0	1.0	8.0	8.0	16.0	10400.0	325.0	4372.8	0.0	1641.4		24.3		397.2	36.1	262.4	
1554+90.00	TO	1584+75.00	2985.00	27.0				0.0	80595.0	0.0	0.0	0.0	8955.0		240.2		1990.0	0.0	2005.9	
WHITESIDE COUNTY URBAN SUBTOTAL -1												0.0	34387.2	14.5	746.1	77.3	7374.1	291.0	7125.1	
1584+75.00	TO	1603+64.00	1889.00	27.0				0.0	51003.0	0.0	0.0	0.0	5667.0		197.2		419.8	0.0	1269.4	
1603+64.00	TO	1608+89.00	525.00	30.0	1.0	10.0	10.0	20.0	15750.0	525.0	10500.0	2916.7	0.0		52.4		0.0	58.3	397.7	
1608+89.00	TO	1612+23.00	334.00	30.5	1.0	10.0	10.0	20.0	10187.0	334.0	6680.0	1874.1	0.0		38.0		0.0	37.1	257.2	
1612+23.00	TO	1615+07.00	284.00	29.0	1.0	10.0	10.0	20.0	8236.0	284.0	2648.0	1209.3	0.0		15.1		0.0	31.6	208.1	
1615+07.00	TO	1615+87.18	80.18	44.0	1.0	10.0	10.0	20.0	3527.9	80.2	983.6	501.3	0.0		5.6		0.0	8.9	88.7	
1615+87.18	TO	1617+97.68	210.50	40.0	1.0	10.0	10.0	20.0	8420.0	210.5	4210.0	1403.3	0.0		24.0		0.0	23.4	211.9	
1617+97.68	TO	1620+27.80	230.12	34.0	1.0	10.0	10.0	20.0	7824.1	230.1	4602.4	1380.7	0.0		26.2		0.0	25.6	197.2	
1620+27.80	TO	1620+60.00	32.20	28.0	1.0	10.0	10.0	20.0	901.6	32.2	644.0	51.7	0.0		3.7		0.0	3.6	22.8	
1620+60.00	TO	1623+73.00	313.00																	
PAVING GAP																				
1623+73.00	TO	1624+06.90	33.90	28.0	1.0	10.0	10.0	20.0	949.2	33.9	678.0	60.8	0.0		3.9		0.0	3.8	24.0	
1624+06.90	TO	1625+91.74	184.84	34.0	1.0	10.0	10.0	20.0	6284.6	184.8	3696.8	1109.0	0.0		21.1		0.0	20.5	158.4	
1625+91.74	TO	1628+39.20	247.46	40.0	1.0	10.0	10.0	20.0	9898.4	247.5	4949.2	1649.7	0.0		28.2		0.0	27.5	249.1	
1628+39.20	TO	1629+28.00	88.80	44.0	1.0	10.0	10.0	20.0	3907.2	88.8	1150.0	561.9	0.0		6.5		0.0	9.9	98.2	
1629+28.00	TO	1632+22.00	294.00	29.0	1.0	10.0	10.0	20.0	8526.0	294.0	2623.0	1238.8	0.0		14.9		0.0	32.7	215.4	
1632+22.00	TO	1635+69.00	347.00	30.5	1.0	10.0	10.0	20.0	10583.5	347.0	6940.0	1947.1	0.0		39.5		0.0	38.6	267.2	
1635+69.00	TO	1637+32.00	163.00	29.5	1.0	10.0	10.0	20.0	4808.5	163.0	2795.0	844.8	0.0		15.9		36.2	18.1	121.4	
0+00.00	TO	3+40.00	340.00	26.8	1.0	10.0	10.0	20.0	9112.0	340.0	5759.0	1535.3	0.0		30.2		75.6	37.8	230.5	
WHITESIDE COUNTY RURAL SUBTOTAL -1												18284.5	5667.0	0.0	522.4	0.0	531.6	377.4	4017.2	
WHITESIDE COUNTY URBAN SIDE ROAD SUBTOTAL (SEE NOTE 1)												0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WHITESIDE COUNTY RURAL SIDE ROAD SUBTOTAL (SEE NOTE 1)												4045.4	0.0	0.0	0.0	0.0	0.0	0.0	697.6	
WHITESIDE COUNTY URBAN TOTAL												0	34387	15	746	77	7374	291	7125	
WHITESIDE COUNTY RURAL TOTAL												22330	5667	0	522	0	532	377	4715	
GRAND TOTAL												22330	40054	15	1268	77	7906	668	11840	

NOTE 1: SEE SIDE ROAD RESURFACING SCHEDULE

MODEL: D:\p4\h\11\11\010 64P15 US 30 Rock Falls PSE64P15 Section 111RS-6.CAD Sheets\0264P15-shc-schedule.dgn

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62550 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll	DESIGNED - DSR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SCHEDULE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - DSR	REVISED -				*	111RS-6	WHITESIDE	65	23			
	PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -			SCALE:	SHEET 7	OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 64P15		
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -								ILLINOIS	FED. AID PROJECT		

SIDE ROAD RESURFACING SCHEDULE																												
LOCATION			LENGTH	AVG. WIDTH				AREA		40600290	40600290	40600982	40600990				40602985	40604000		40604062	40800050	44000155	44000158	44000161	Z0034105			
				FRONT @ EOP	BACK	LT SHLDR	RT SHLDR	MAINLINE	SHOULDER	BITUMINOUS MATERIALS (TACK COAT) ONE APPLICATION	BITUMINOUS MATERIALS (TACK COAT) TWO APPLICATIONS	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMPS (1.5")	TEMPORARY RAMPS (1.75")	TEMPORARY RAMPS (2.25")	TEMPORARY RAMPS (3.75")	HMA BINDER COURSE, IL-9.5,N70 (2.0")	HMA SURFACE COURSE, IL-9.5FG, MIX "C",N50 (3.75")	HMA SURFACE COURSE, IL-9.5FG, MIX "C",N50 (2.25")	HMA SURFACE COURSE, IL-9.5, MIX "D",N70 (1.75")	INCIDENTAL HMA SURFACING (2.25")	HMA SURFACE REMOVAL, 1.5"	HMA SURFACE REMOVAL, 2.25"	HMA SURFACE REMOVAL, 3.0"	MATERIAL TRANSFER DEVICE			
STA.	SIDE	NAME	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	POUND		SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	SQ YD	SQ YD	SQ YD	TON			
1500+00.00	LT	NEW HIGH ST.	31.7	79.0	23.6	0.0	0.0	1246.3	0.0	62.3		13.1	17.6	51.2	19.7				0.0		21.3				125.4			
1516+93.75	LT	EMMONS AVE.	120.9	236.0	30.0	0.0	0.0	7617.6	0.0	380.9		16.7	52.4	153.0	25.0				0.0		130.3				829.7			
1545+32.66	LT	MCNEIL RD.	61.1	194.7	31.1	4.0	4.0	3779.1	1053.2	241.6		21.7	43.3	126.2	32.6				16.4		64.7				515.2			
1545+32.66	RT	MCNEIL RD.	72.3	175.2	24.1	4.0	4.0	3326.7	1076.4	220.2		17.8	38.9	113.6	26.8				16.7		56.9				471.4			
1553+45.79	RT	KAUFFMAN ST	41.4	103.4	24.0	4.0	4.0	1672.4	446.4	105.9		17.8	23.0	67.0	26.7				6.9		28.6				217.6			
1556+81.17	RT	YEOWARD ST.	37.0	64.9	22.2	0.0	0.0	1313.2	0.0	65.7		12.3	14.4	42.1	18.5				0.0		22.5				133.6			
1560+04.77	RT	WALNUT ST.	50.6	85.2	21.4	0.0	0.0	2023.1	0.0	101.2		11.9	18.9	55.2	17.8				0.0		34.6				212.9			
1564+61.92	RT	PINE ST.	38.7	67.5	21.0	0.0	0.0	1441.6	0.0	72.1		11.7	15.0	43.8	17.5				0.0		24.7				148.5			
1567+01.18	LT	MAPLE LN.	34.6	116.7	23.0	0.0	0.0	1914.4	0.0	95.7		12.8	25.9	75.6	19.2				0.0		32.8				199.9			
1568+13.72	RT	SPRUCE ST.	44.7	81.3	20.3	0.0	0.0	1598.2	0.0	79.9		11.3	18.1	52.7	16.9				0.0		27.3				166.3			
WHITESIDE COUNTY URBAN SUBTOTAL										1425.5	0.0	147.1	267.5	780.4	220.7	0.0	0.0	0.0	40.0	0.0	443.7	0.0	3020.5	0.0	0.0			
1607+63.81	LT	MELVIN RD.	138.8	168.7	20.8	4.0	4.0	5110.7	1102.0	310.6		72.0	37.5	109.3	24.0				17.1		87.4	618.3						
1615+00.00	LT	WB I-88 OFF-RAMP	165.5	151.7	16.0	10.0	5.0	6102.5	3089.0		689.4	77.5		20.1		43.1	85.4	76.9		66.4				943.8	151.8			
1615+00.00	RT	WB I-88 ON-RAMP	165.5	213.5	16.0	8.0	5.0	9459.4	2941.5		930.1	72.5		18.8		40.3	132.4	73.2		103.0				1305.4	235.4			
1629+40.00	LT	EB I-88 ON-RAMP	168.0	215.5	16.0	4.0	10.0	6431.0	3278.0		728.2	75.0		19.4		41.7	90.0	81.6		70.0				1003.8	160.0			
1629+40.00	RT	EB I-88 OFF-RAMP	145.0	172.8	16.0	4.0	5.0	6044.8	1649.0		577.0	62.5		16.2		34.7	84.6	41.0		65.8				792.4	150.4			
0+33.87	RT	HAMILTON RD.	56.9	150.6	27.7	2.0	2.0	3208.9	352.0	178.0		79.3	33.5	97.6	26.4				5.5		54.9	316.4						
WHITESIDE COUNTY RURAL SUBTOTAL										488.6	2924.7	438.8	71.0	281.4	50.4	159.8	392.4	272.7	22.6	305.2	142.3	934.7	0.0	4045.4	697.6			
WHITESIDE COUNTY URBAN TOTAL																								SEE NOTE 2	0	3021		SEE NOTE 1
WHITESIDE COUNTY RURAL TOTAL																							SEE NOTE 2	935	0		SEE NOTE 1	
GRAND TOTAL																							SEE NOTE 2	935	3021		SEE NOTE 1	

NOTE 1: SEE MAINLINE RESURFACING SCHEDULE SCHEDULE FOR PAY ITEM TOTAL
NOTE 2: SEE ENTRANCE RESURFACING SCHEDULE FOR PAY ITEM TOTAL

MODEL: D:\p15\111RS-6\CAD_Sheets\111RS-6\CAD_Sheets\111RS-6\15-Sub-Resurfacing.dgn

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62550 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll	DESIGNED - DSR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDE ROAD SCHEDULE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - DSR	REVISED -						*	111RS-6	WHITESIDE	65	24
	PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -			SCALE:	SHEET 8	OF 12	SHEETS	STA.	TO STA.	CONTRACT NO. 64P15	
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -								ILLINOIS	FED. AID PROJECT		

MODEL D:\dwg\1111010.dwg
 FILE NAME: P:\010\1111010.dwg
 BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFALETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-245-4149 FAX: 217-245-4149
 IL DESIGN FIRM REGISTRATION NO. 184-000932

ENTRANCE RESURFACING SCHEDULE												
STA.	SIDE	TYPE	WIDTH @ EOP	WIDTH @ BACK	LENGTH FROM EOP TO ROW	AREA	40600290	40800050				
							BITUMINOUS MATERIALS (TACK COAT) ONE APPLICATION	INCIDENTAL HMA SURFACING (2.25")				
							POUND	TON				
1490+54	RT	FE	BIT	95.3	16.9	155.0	1486.2	74.3	25.4			
1490+58	LT	FE	BIT	95.7	17.3	139.0	1366.5	68.3	23.4			
1493+67	RT	FE	BIT	49.0	20.0	60.4	410.3	20.5	7.0			
1495+75	RT	PE	BIT	267.8	11.4	36.5	3504.9	175.2	60.0			
1496+43	RT	PE	BIT		13.8	38.9						
1496+80	RT	PE	BIT		13.0	39.2						
1497+60	RT	PE	BIT		11.4	39.0						
1495+85	LT	CE	BIT	68.3	13.8	39.7	1135.5	56.8	19.4			
1497+21	LT	CE + MB	BIT	102.5	14.3	34.6	1222.3	61.1	20.9			
1500+60	RT	CE	BIT	64.8	36.8	36.1	1509.2	75.5	25.8			
1501+93	RT	CE	BIT	73.5	16.0	36.0	914.2	45.7	15.6			
1501+93	LT	PE	BIT	39.8	11.2	34.5	586.7	29.3	10.0			
1504+42	RT	PE + MB	BIT	63.6	11.7	39.4	720.7	36.0	12.3			
1505+96	RT	PE	BIT	33.5	17.1	36.6	586.6	29.3	10.0			
1507+13	RT	CE	BIT	208.9	40.1	36.4	4437.6	221.9	75.9			
1508+26	RT	CE	BIT		47.0	36.5						
1515+40	RT	CE + MB	BIT	125.9	23.0	37.0	1881.5	94.1	32.2			
1517+54	RT	CE + MB	BIT	106.6	33.4	36.8	1955.0	97.8	33.5			
1519+33	LT	CE	BIT	50.7	23.8	32.0	948.0	47.4	16.2			
1520+20	RT	CE + MB	BIT	IDOT MAINTENANCE YARD ENTRANCE TO BE RECONSTRUCTED.								
1521+61	RT	CE + MB	BIT	86.1	21.0	38.7	1454.4	72.7	24.9			
1523+50	RT	CE	BIT	63.9	29.3	38.9	1346.1	67.3	23.0			
1524+52	RT	CE	BIT	57.1	25.5	37.0	1192.2	59.6	20.4			
1524+95	LT	CE	BIT	278.3	18.4	36.1	3488.5	174.4	59.7			
1525+81	LT	CE	BIT		14.3	35.1						
1527+29	LT	CE	BIT		15.5	32.9						
1525+71	RT	CE	BIT	216.4	24.5	37.2	4206.8	210.3	72.0			
1526+29	RT	CE + MB	BIT		22.7	40.4						
1526+93	RT	CE + MB	BIT		32.8	37.2						
1530+83	LT	PE + MB	BIT	73.4	18.1	32.1	854.8	42.7	14.6			
1530+93	RT	CE	BIT	181.6	25.6	38.6	3404.9	170.2	58.3			
1532+17	RT	CE	BIT		44.5	36.4						
1532+83	LT	CE	BIT	56.0	26.0	32.3	1063.9	53.2	18.2			
1533+32	RT	CE	BIT	60.8	22.7	36.2	1254.9	62.7	21.5			
1534+81	LT	FE	BIT	46.6	13.8	32.3	749.3	37.5	12.8			
1538+08	RT	FE	BIT	51.7	27.5	40.3	1276.8	63.8	21.8			
1539+30	LT	PE	BIT	61.0	37.3	47.6	1655.7	82.8	28.3			
1541+56	LT	PE	BIT	58.4	35.0	36.3	1408.4	70.4	24.1			
1542+29	LT	PE	BIT	36.0	10.1	34.5	537.6	26.9	9.2			
1548+17	RT	CE	BIT	48.1	22.0	29.7	839.6	42.0	14.4			
1548+22	LT	PE	BIT	43.9	28.3	34.5	777.5	38.9	13.3			
1549+10	LT	PE	BIT	44.2	8.7	32.7	611.4	30.6	10.5			
1550+05	RT	PE	BIT	31.6	16.7	28.7	575.0	28.8	9.8			
1550+53	LT	PE	BIT	39.4	10.4	33.2	567.6	28.4	9.7			
1551+08	LT	PE	BIT	36.5	8.2	31.7	494.1	24.7	8.5			
1551+74	RT	PE	BIT	36.2	6.9	29.6	455.2	22.8	7.8			
1551+78	LT	PE	BIT	36.0	9.9	29.2	469.6	23.5	8.0			
1552+74	LT	PE	BIT	47.9	10.5	29.6	699.4	35.0	12.0			
1555+02	LT	CE	BIT	57.4	29.8	27.7	1108.6	55.4	19.0			
1555+09	RT	PE	BIT	28.0	10.9	28.4	407.9	20.4	7.0			
1558+28	LT	PE + MB	BIT	62.0	10.1	33.4	572.0	28.6	9.8			
1561+16	LT	PE	BIT	92.7	23.5	33.8	1187.5	59.4	20.3			
1561+60	RT	CE	BIT	37.7	22.1	26.9	738.5	36.9	12.6			
1562+86	LT	CE	BIT	65.1	40.9	34.8	1494.7	74.7	25.6			
1563+07	RT	CE	BIT	138.5	26.8	34.8	2856.1	142.8	48.9			
1563+77	RT	FE	BIT		35.3	35.0						
1565+92	RT	FE	BIT	50.5	23.9	35.6	1070.5	53.5	18.3			
1571+32	RT	PE + MB	BIT	64.9	18.9	35.8	911.7	45.6	15.6			
1572+97	LT	CE	BIT	85.5	49.9	28.1	1682.2	84.1	28.8			
1576+04	LT	CE	BIT	62.9	24.1	34.5	1302.2	65.1	22.3			
1577+55	RT	CE + MB	BIT	231.6	42.8	36.4	2964.7	148.2	50.7			
1580+10	LT	CE	BIT	190.8	29.2	49.3	2800.4	140.0	47.9			
1580+93	LT	CE	BIT		22.7	35.3						
1581+58	LT	CE	BIT		19.2	35.0						
1581+90	RT	CE	AGG	48.6	12.0	36.2	572.8					
WHITESIDE COUNTY URBAN SUBTOTAL -1							3557.1	1217.2				
WHITESIDE COUNTY URBAN SIDE ROAD SUBTOTAL (SEE NOTE 1)								443.7				
WHITESIDE COUNTY URBAN TOTAL							SEE NOTE 2	1661				

STA.	SIDE	TYPE	WIDTH @ EOP	WIDTH @ BACK	LENGTH FROM EOP TO ROW	AREA	40600290	40800050		
							BITUMINOUS MATERIALS (TACK COAT) ONE APPLICATION	INCIDENTAL HMA SURFACING (2.25")		
							POUND	TON		
1586+82	RT	CE + MB	BIT	88.1	16.7	36.1	1346.1	67.3	23.0	
1592+65	RT	CE	BIT	97.4	28.9	36.8	1862.4	93.1	31.9	
1597+68	LT	FE	AGG	40.5	20.2	30.4	539.3			
1598+30	RT	CE	BIT	100.3	34.9	37.3	1981.7	99.1	33.9	
1602+80	RT	PE	BIT	30.0	18.6	28.8	534.3	26.7	9.1	
1605+36	RT	CE	BIT	130.1	35.9	55.6	3515.2	175.8	60.1	
1+36	RT	PE	BIT	45.9	26.0	25.9	773.5	38.7	13.2	
WHITESIDE COUNTY RURAL SUBTOTAL -1							500.7	171.2		
WHITESIDE COUNTY RURAL SIDE ROAD SUBTOTAL (SEE NOTE 1)								142.3		
WHITESIDE COUNTY RURAL TOTAL							SEE NOTE 2	314		
GRAND TOTAL							SEE NOTE 2	1975		

NOTE 1: SEE SIDE ROAD RESURFACING SCHEDULE FOR SUBTOTAL
 NOTE 2: SEE HMA RESURFACING SCHEDULE FOR PAY ITEM TOTAL.

EARTHWORK SCHEDULE						
LOCATION	CUT AREA	FILL AREA	EARTH EXCAVATION	EARTH EXCAVATION ADJ. FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)
STA.	SQ FT	SQ FT	CU YD	CU YD	CU YD	CU YD
US 30 DITCH GRADING - RIGHT SIDE NEAR THE IDOT MAINTENANCE YARD ENTRANCE						
1517+86.12	29.95	0.00	0.00	0.00	0.00	0.00
1518+00.00	10.82	0.00	10.48	7.86	0.00	7.86
1518+50.00	6.45	0.19	15.99	11.99	0.18	11.81
1519+00.00	11.49	0.00	16.61	12.46	0.18	12.28
1519+50.00	5.42	0.00	15.66	11.75	0.00	11.75
1519+67.23	9.63	0.00	4.80	3.60	0.00	3.60
SEE IDOT MAINTENANCE YARD ENTRANCE BELOW FOR EARTHWORK BETWEEN STA. 1519+67.23 TO STA. 1520+55.23						
1520+55.23	13.08	0.00	0.00	0.00	0.00	0.00
1521+00.00	6.59	0.00	16.31	12.23	0.00	12.23
1521+43.23	8.32	0.00	11.94	8.96	0.00	8.96
IDOT MAINTENANCE YARD ENTRANCE						
100+13.40	0.00	0.00	0.00	0.00	0.00	0.00
100+35.00	0.00	34.51	0.00	0.00	13.80	-13.80
100+55.00	0.00	0.00	0.00	0.00	12.78	-12.78
100+72.46	0.00	0.00	0.00	0.00	0.00	0.00
WHITESIDE COUNTY URBAN SUBTOTAL			91.8	68.9	26.9	41.9
WHITESIDE COUNTY URBAN TOTAL			90	70	25	40
GRAND TOTAL			90	70	25	40

STA. 100+13.40 TO STA. 100+72.46 IS THE ENTRANCE STATIONING FOR THE IDOT MAINTENANCE YARD IMPROVEMENTS. SEE PLAN SHEET FOR ADDITIONAL INFORMATION.

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USER NAME = ddrull	DESIGNED - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE AND EARTHWORK SCHEDULE

SCALE: SHEET 9 OF 12 SHEETS STA. TO STA.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111RS-6	WHITESIDE	65	25
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

PATCHING SCHEDULE																	
LOCATION (SEE NOTE 1)		LENGTH	WIDTH	30300001	44200982	44200986	44200988	44201053	44201055	44201294	44201298	44213000	44213200	44213204	Z0028415		
				AGGREGATE SUBGRADE IMPROVEMENT (SEE NOTE 2)	CLASS B PATCHES, TYPE 11, 11 INCH	CLASS B PATCHES, TYPE 111, 11 INCH	CLASS B PATCHES, TYPE IV, 11 INCH	CLASS B PATCHES, TYPE IV, 17 INCH	CLASS B PATCHES, TYPE 11, 17 INCH	CLASS B PATCH - EXPANSION JOINT	DOWEL BARS 1 1/4"	PATCHING REINFORCEMENT	SAW CUTS	TIE BARS 3/4"	GEOTECHNICAL REINFORCEMENT (SEE NOTE 2)		
STA.	LANE	FOOT	FOOT	CU YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	SQ YD	FOOT	EACH	SQ YD		
1500+59	EB	6	12	2.6	-	-	-	-	8.0	24.0	20	-	48.0		15.7		
1500+59	WB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1511+15	EB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1511+15	WB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1516+43	EB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1516+43	WB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1521+71	EB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1521+71	WB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1524+35	WB	30	12		-	-	-	40.0	-	24.0	20	40.0	-	96.0		9	
1558+67	EB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1558+67	WB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1569+23	EB	8	12		-	-	-	-	-	10.7	24.0	20	-	52.0			
1569+23	WB	8	12		-	-	-	-	-	10.7	24.0	20	-	52.0			
1574+51	EB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1574+51	WB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
WHITESIDE COUNTY URBAN SUBTOTAL					2.6	0.0	0.0	0.0	40.0	117.4	360.0	300	40.0	776.0		9	16
WHITESIDE COUNTY URBAN TOTAL					3	0	0	0	40	117	360	300	40	776		9	16
1585+07	EB	6	12	7.6	-	-	-	-	8.0	24.0	20	-	48.0		45.4		
1585+07	WB	6	12		-	-	-	-	-	8.0	24.0	20	-	48.0			
1600+91	EB	8	12		-	-	-	-	-	10.7	24.0	20	-	52.0			
1600+91	WB	8	12		-	-	-	-	-	10.7	24.0	20	-	52.0			
1601+41	WB	50	12		-	-	-	66.7	-	24.0	20	66.7	-	136.0		16	
1606+19	WB	8	12		10.7	-	-	-	-	24.0	20	-	-	52.0			
1609+25	EB	6	14		9.3	-	-	-	-	28.0	20	-	-	54.0			
1609+25	WB	12	14		-	18.7	-	-	-	28.0	20	18.7	-	66.0			
1609+75	EB	6	14		9.3	-	-	-	-	28.0	20	-	-	54.0			
1609+75	WB	10	14		-	15.6	-	-	-	28.0	20	15.6	-	62.0			
1611+47	WB	6	14		9.3	-	-	-	-	28.0	20	-	-	54.0			
1613+00	EB	10	14		-	15.6	-	-	-	28.0	20	15.6	-	62.0			
1625+00	EB	6	14		9.3	-	-	-	-	28.0	20	-	-	54.0			
1625+00	WB	6	14		9.3	-	-	-	-	28.0	20	-	-	54.0			
1627+31	EB	6	14		9.3	-	-	-	-	28.0	20	-	-	54.0			
1627+31	EB	20	14		-	-	31.1	-	-	28.0	20	31.1	-	82.0		6	
1632+59	EB	100	14		-	-	155.6	-	-	28.0	20	155.6	-	242.0		33	
1632+59	WB	6	14	9.3	-	-	-	-	28.0	20	-	-	54.0				
1635+00	EB	12	14	-	18.7	-	-	-	28.0	20	18.7	-	66.0				
1635+00	WB	12	14	-	18.7	-	-	-	28.0	20	18.7	-	66.0				
WHITESIDE COUNTY RURAL SUBTOTAL				7.6	75.8	87.3	186.7	66.7	37.4	536.0	400	340.7	1412.0	55	45		
WHITESIDE COUNTY RURAL TOTAL				8	76	87	187	67	37	536	400	341	1412	55	45		
GRAND TOTAL				11	76	87	187	107	154	896	700	381	2188	64	61		

WB= WESTBOUND LANE
EB= EASTBOUND LANE
TL= TURN LANE

NOTE 1: THE LOCATIONS SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER
NOTE 2: THIS IS A CONTINGENCY OF 10% OF THE TOTAL PATCHING AREA.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

MODEL: D:\p5\h...
FILE NAME: P:\2023\411\W010 64P15 US 30 Rock Fall PSE64P15 Section 111RS-6\CAD Sheets\1264P15-shc-schedule.dgn

BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62550 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll	DESIGNED - DSR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PATCHING SCHEDULE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -			*	111RS-6	WHITESIDE	65	26
	PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -			CONTRACT NO. 64P15				
						ILLINOIS FED. AID PROJECT				

SCALE: SHEET 10 OF 12 SHEETS STA. TO STA.

Sta.	Side	Common Name of Sign	Sign Code	Size Hor (in)	Size Ver (in)	72000100 SIGN PANEL TYPE 1 (SQ FT)	72000200 SIGN PANEL TYPE 2 (SQ FT)	72400100 REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	72400310 REMOVE SIGN PANEL Type 1 (SQ FT)	72400320 REMOVE SIGN PANEL TYPE 2 (SQ FT)	72800100 TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 in)	72800100 TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 1/4 in)	73000100 WOOD SIGN SUPPORT (FOOT)	Notes
1495+54.45	L	No Passing Zone Speed Limit 50	W14-3 R2-1	64 30	48 36	7.50	10.67			10.67				
1511+91.25	R	Left Side Road Industrial Park Road	W2-2L W17-1100	36 36	36 15	9.00 3.75			9.00 3.75				16.0	
1513+49.65	R	CAMPING Right arrow	D9-1103 (BL) M6-6R (BL)	30 21	18 15	3.75 2.19			3.75 2.19					NO ARROW
1514+55.25	L	Speed Limit 50	R2-1	30	36	7.50			7.50					
1514+55.25	R	Speed Limit 55	R2-1	30	36	7.50							14.0	Install across from speed limit 50
1516+13.65	R	Speed Limit 55	R2-1	30	36				7.50					REMOVE
1516+66.45	L	Stop Sign - Radius - Emmons Rd Do Not Enter	R1-1 R5-1	36 36	36 36	9.00 9.00			6.25 6.25					
1516+66.45	L	Stop Sign - Island - Emmons Rd	R1-1	36	36	9.00			9.00					
1518+77.65	R	State Highway Yard Right arrow	DSPC (Gr) M6-1R (Gr)	30 21	30 15	6.25 2.19							15.0	
1520+29.92	R	Stop Sign - State Yard Entrance	R1-1	36	36	9.00		1.00	6.25		13.0			New sign should be located on the right side of the proposed entrance
1520+88.85	L	State Highway Yard Left Arrow CAMPING Right arrow	DSPC (Gr) M6-1L (Gr) D9-1103 (BL) M6-6R (BL)	30 21 30 21	30 15 18 15	6.25 2.19 3.75 2.19			6.25 2.19 3.75 2.19					Arrange signs side by side need uni strut
1524+05.65	L	Right Side Road Industrial Park Road	W2-2R W17-1100	36 36	36 15	9.00 3.75			9.00 3.75				16.0	
1525+11.25	R	No Parking	R8-3	24	24	4.00			2.25		9.0	5.0		
1526+16.85	R	No Parking	R8-3	24	24	4.00			2.25		9.0	5.0		
1534+08.85	R	Mile marker 29 Mile marker 29	M1-1100 M1-1100	18 18	18 18	2.25 2.25					9.0	5.0		Move 100 feet west
1535+14.45	R	TOURIST ACTIVITIES <- Selmi's Greenhouse 1 1/2 Farm Market & Gift Shop Mile marker 29 Mile marker 29	 M1-1100 M1-1100	72 72 18 18	12 18 18 18	6.00 9.00 2.25 2.25			6.00 9.00 2.25 2.25		21.0	10.0		
1538+31.25	R	Cross Road McNeil Rd	W2-1 W17-1100	36 36	36 9	9.00 2.25			9.00 2.25				16.0	
1544+12.05	L	Adopt A Highway Fraternal Order of Eagles # 2783	11-1107A 11-1107B	30 30	36 18	7.50 3.75			7.50 3.75					
1545+00.30	L	Stop Sign - McNeil rd Cross Traffic Does Not Stop Sign	R1-1 W4-1100	36 36	36 18	9.00 4.50		1.00			16.0			
1545+64.37	R	Stop Sign - McNeil rd Cross Traffic Does Not Stop Sign	R1-1 W4-1100	36 36	36 18	9.00 4.50		1.00			16.0			
1546+23.25	R	Adopt A Highway Rock Falls Optimist Club	11-1107A 11-1107B	30 30	36 18	7.50 3.75			7.50 3.75					
1553+09.65	L	Cross Road McNeil Rd	W2-1 W17-1100	36 36	36 9	9.00 2.25			9.00 2.25				16.0	
1553+62.45	R	Stop Sign - Kaufman St	R1-1	36	36	9.00			9.00					
1556+26.45	L	TOURIST ACTIVITIES Selmi's Greenhouse --> Farm Market & Gift Shop 1 1/2	 	72 72	12 18	6.00 9.00			6.00 9.00		21.0	10.0		
URBAN SUBTOTAL-1						236.25	10.67	3.00	181.57	10.67	114.00	35.00	93.00	

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BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFAYETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-245-4140 FAX: 217-245-4149
 IL DESIGN FIRM REGISTRATION NO. 184-000952

USER NAME = drunoll	DESIGNED - DSR	REVISED -
	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SIGN SCHEDULE			
		SHEET 11	OF 12 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	27
		CONTRACT NO. 64P15		
		ILLINOIS FED. AID PROJECT		

Sta.	Side	Common Name of Sign	Sign Code	Size Hor (in)	Size Ver (in)	72000100	72000200	72400100	72400310	72400320	72800100	72800100	73000100	Notes
						SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	REMOVE SIGN PANEL Type 1 (SQ FT)	REMOVE SIGN PANEL TYPE 2 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 in)	TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 1/4 in)	WOOD SIGN SUPPORT (FOOT)	
1556+79.25	R	Stop Sign - Yeoward St	R1-1	36	36	9.00			9.00					
1559+96.05	R	Stop Sign - Walnut St	R1-1	36	36	9.00			9.00					
1564+71.25	R	Stop Sign - Pine St	R1-1	36	36	9.00			9.00					
1566+29.65	R	CAMPING -->	D9-1103R (BL)	60	18	7.50			7.50		21.0	10.0		
1566+82.45	L	Stop Sign - Maple Lane	R1-1	36	36	9.00			9.00					
1566+29.65	L	Up and to the left Arrow CAMPING	D9-1103 (BL)	60	18	7.50			7.50		21.0	10.0		
URBAN SUBTOTAL-1						51.00	0.00	0.00	51.00	0.00	42.00	20.00	0.00	
URBAN TOTAL						287	11	3	233	11	156	55	93	
1586+88.85	R	Mile marker 30	M1-1100	18	18	2.25					9.0	5.0		Move 150 feet west
		Mile marker 30	M1-1100	18	18	2.25								
1588+47.25	R	Mile marker 30	M1-1100	18	18				2.25					
		Mile marker 30	M1-1100	18	18				2.25					
1596+39.25	R	Divided Highway	W6-1	36	36	9.00			9.00					
1604+31.25	R	JCT	M2-1 (BL)	21	15	2.19			2.19					
		I-88	M1-1	24	24	4.00			4.00					
1604+31.25	R	JCT	M2-1 (WH)	21	15	2.19			2.19					
		CKC	M4-1110	24	12	2.00			2.00					
		ILLINOIS 110	M1-1100	24	24	4.00			4.00					
1605+89.65	L	Adopt A Highway	I1-1107A	30	36	7.50			7.50					
		Rock Falls Optimist Club	I1-1107B	30	18	3.75			3.75					
1607+48.05	L	Stop Sign - Melvin Rd	R1-1	36	36	9.00			9.00					
1609+06.45	L	Two Way Traffic	W6-3	36	36	9.00			9.00					
1612+23.25	L	West US 30	M3-4	24	12	2.00			2.00					
			M1-4	24	24	4.00			4.00					
1629+12.85	R	Wrong Way	R5-1A	42	30	8.75							13.0	
		No Parking	R8-3	24	24	4.00								
		Red strip on post		2	48	0.67								
1634+40.85	M	Keep Right	R4-7	24	30	5.00			5.00					
1634+93.65	R	Two Way Traffic	W6-3	36	36	9.00			9.00					
RURAL SUBTOTAL						90.54	0.00	0.00	77.13	0.00	9.00	5.00	13.00	
RURAL TOTAL						91	0	0	77	0	9	5	13	
TOTAL						378	11	3	310	11	165	60	106	

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BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS - LAND SURVEYORS
1910 WEST LAFALETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4140 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME = drunoll
PLOT SCALE = 100,0000' / in.
PLOT DATE = 3/8/2022

DESIGNED - DSR
DRAWN - DSR
CHECKED - WJS
DATE - 03/08/2022

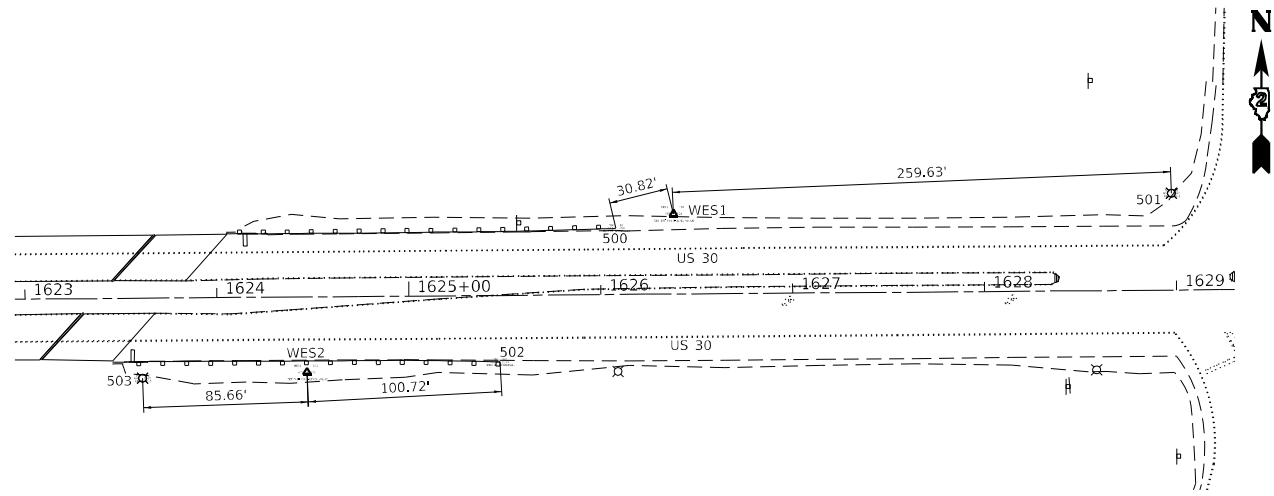
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN SCHEDULE

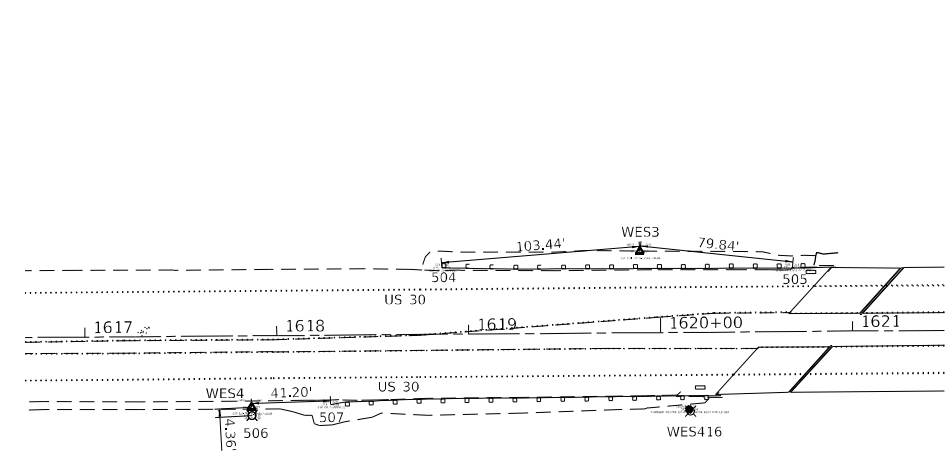
SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	28
			CONTRACT NO. 64P15	
		ILLINOIS	FED. AID PROJECT	



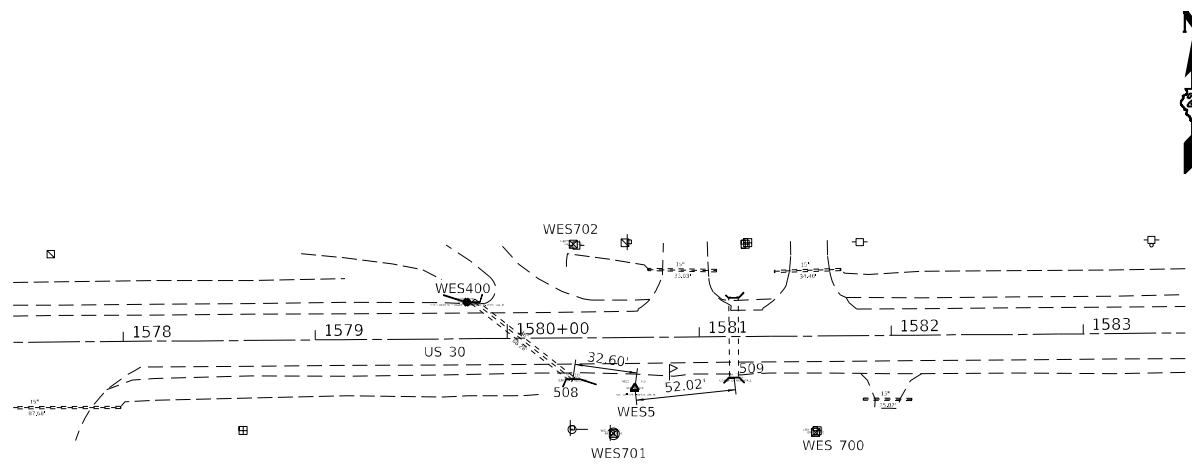
CONTROL POINTS WES1 & WES2
SET 5/8" PIN E-LEVEL VALUE

NOT TO SCALE



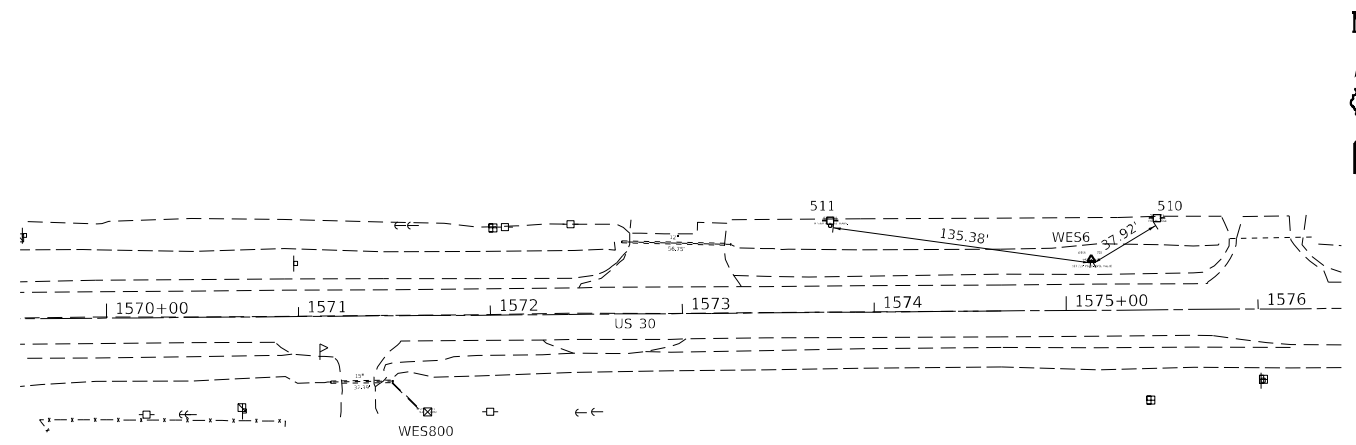
CONTROL POINTS WES3, WES4 & WES416
WES3 & WES4 – SET 5/8" PIN E-LEVEL VALUE
WES416 – SET CHISELED SQUARE ON LIGHT POLE HELD FOR LEVELS

NOT TO SCALE



CONTROL POINTS WES5, WES400, WES700, WES701 & WES702
WES5 – SET 5/8" PIN E-LEVEL VALUE
WES400 – SET CHISELED SQUARE ON N-HEADWALL E-LEVEL VALUE

NOT TO SCALE



CONTROL POINTS WES6 & WES800
WES6 – SET 5/8" PIN E-LEVEL VALUE

NOT TO SCALE

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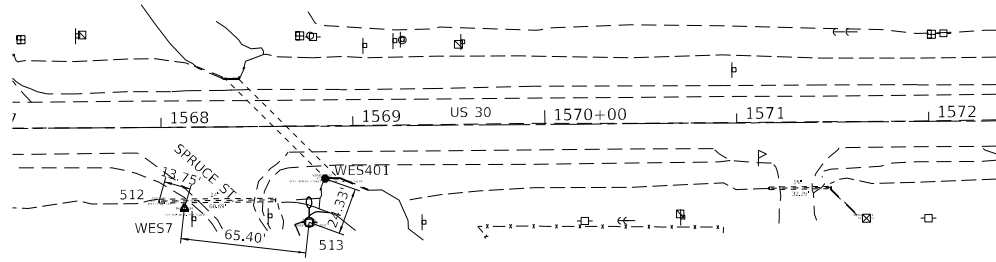


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PLOT SCALE = 100,0000' / in.	DRAWN - DSR	REVISED -
PLOT DATE = 3/8/2022	CHECKED - WJS	REVISED -
	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

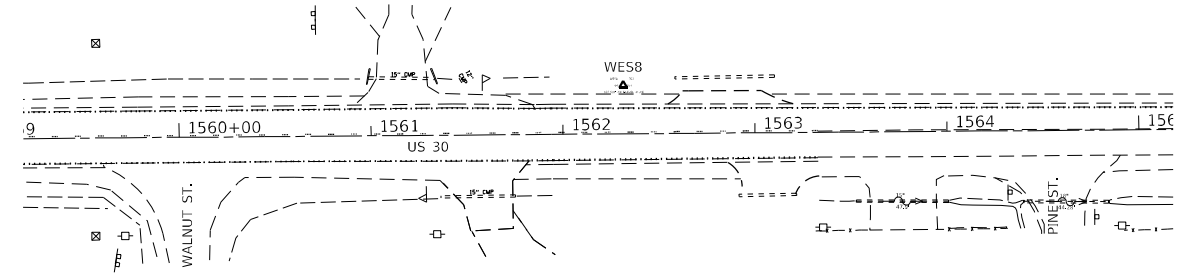
ALIGNMENTS, TIES, AND BENCHMARKS			
SCALE:	SHEET 1	OF 10 SHEETS	STA. TO STA.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111RS-6	WHITESIDE	65	29
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				



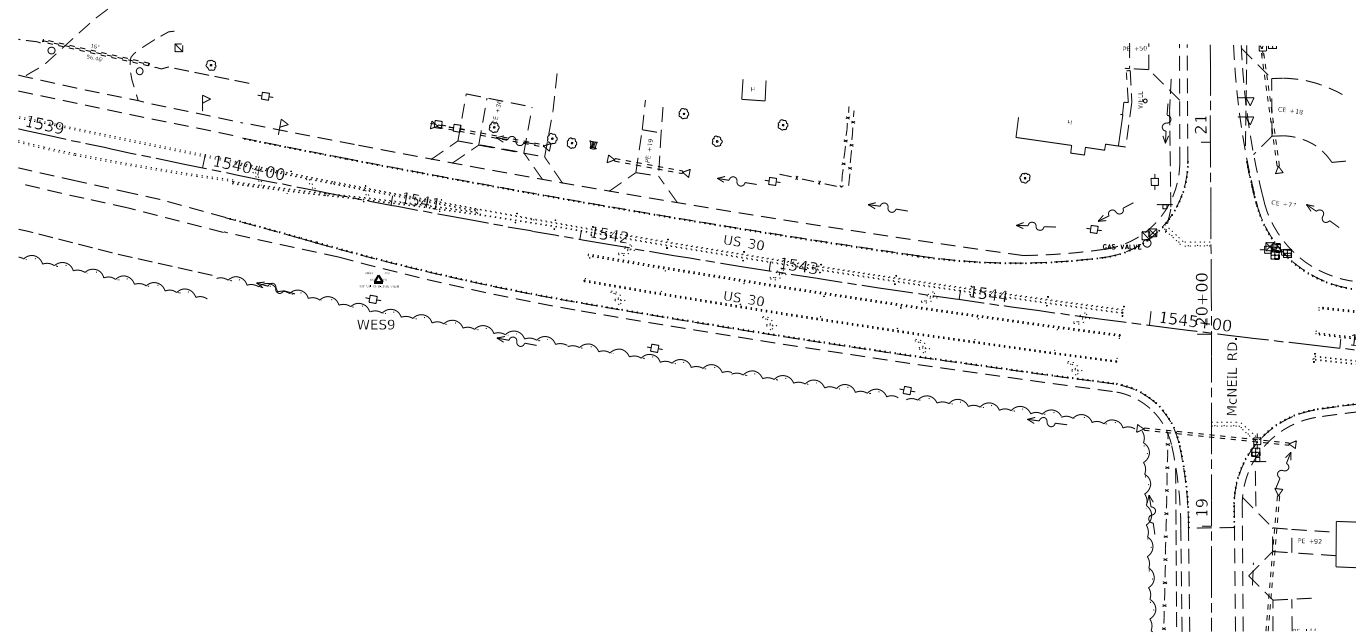
CONTROL POINTS WES7 & WES401
WES7 - SET 5/8" PIN E-LEVEL VALUE
WES401- SET CHISELED SQUARE S-HEADWALL E-LEVEL VALUE

NOT TO SCALE



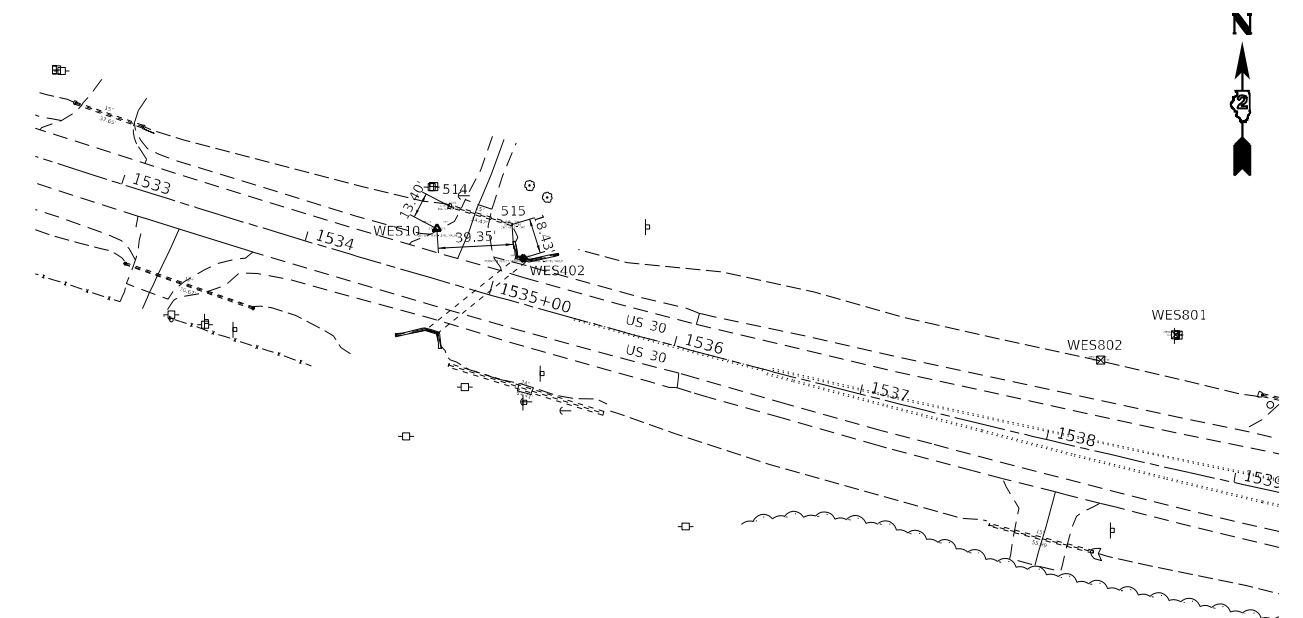
CONTROL POINT WES8
SET 5/8" PIN E-LEVEL VALUE

NOT TO SCALE



CONTROL POINT WES9
SET 5/8" PIN E-LEVEL VALUE

NOT TO SCALE



CONTROL POINTS WES10, WES402, WES801 & WES802
WES10 - SET 5/8" PIN E-LEVEL VALUE
WES402- SET CHISELED SQUARE N-HEADWALL E-LEVEL VALUE

NOT TO SCALE

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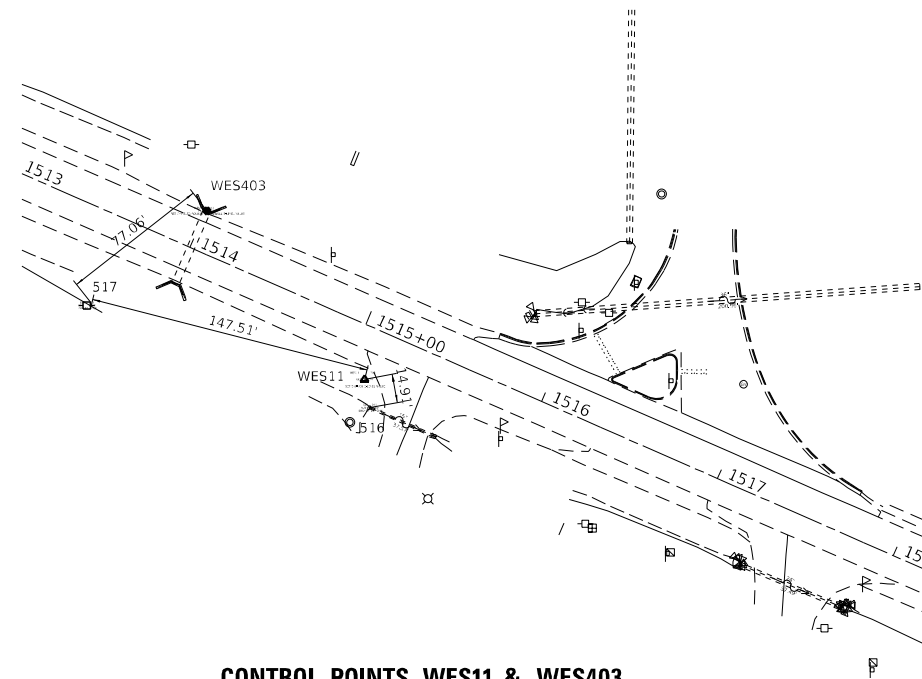


USER NAME = drunoll	DESIGNED - DSR	REVISED -
DRAWN - DSR	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

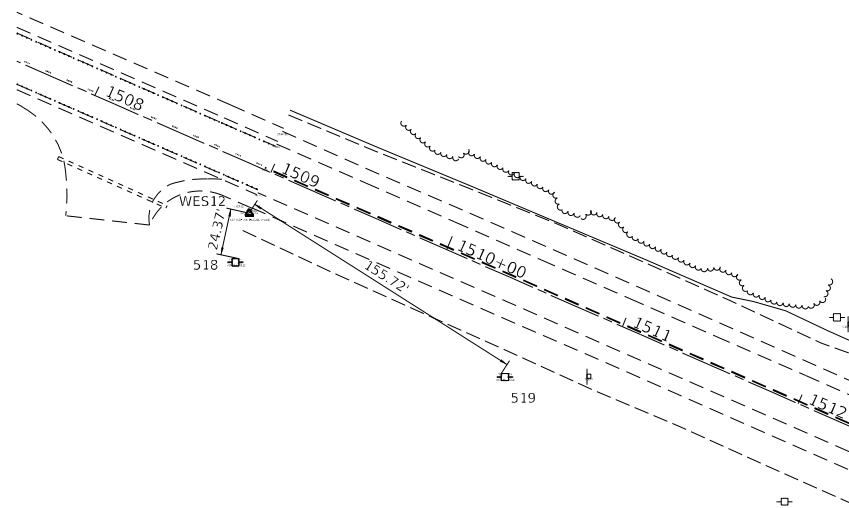
ALIGNMENTS, TIES, AND BENCHMARKS			
SCALE:	SHEET 2	OF 10 SHEETS	STA. TO STA.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
	111RS-6	WHITESIDE	65
			SHEET NO. 30
CONTRACT NO. 64P15			
ILLINOIS FED. AID PROJECT			



CONTROL POINTS WES11 & WES403
WES11 – SET 5/8" PIN E-LEVEL VALUE
WES403– SET CHISELED SQUARE N-HEADWALL E-LEVEL VALUE

NOT TO SCALE



CONTROL POINT WES12
SET 5/8" PIN E-LEVEL VALUE

NOT TO SCALE



REFERENCE TIES

POINT	NORTH	EAST	CHAIN	STATION	OFFSET	DESCRIPTION
500	1854867.2410	2441440.8400	US30_EAST	1626+08.24	34.5673' LT	GUARDRAIL
501	1854885.4130	2441730.1570	US30_EAST	1628+97.69	50.4552' LT	LIGHT POLE
502	1854797.5010	2441380.3460	US30_EAST	1625+47.20	34.693' RT	GUARDRAIL
503	1854789.0610	2441194.1680	US30_EAST	1623+60.96	41.6633' RT	LIGHT POLE
504	1854861.6580	2440718.9600	US30_EAST	1618+86.34	34.6823' LT	GUARDRAIL
505	1854861.7750	2440901.4510	US30_EAST	1620+68.83	33.3589' LT	BACK OF CURB RIGHT
506	1854784.6470	2440620.0210	US30_EAST	1617+86.80	41.5453' RT	LIGHT POLE
507	1854790.3750	2440660.9550	US30_EAST	1618+27.77	36.1406' RT	GUARDRAIL
508	1854775.8815	2436867.0499	US30_EAST	1580+33.87	20.6881' RT	HEADWALL
509	1854775.9054	2436951.4530	US30_EAST	1581+18.27	21.3304' RT	HEADWALL
510	1854840.5120	2436380.3130	US30_EAST	1575+47.66	47.7822' LT	POWER POLE
511	1854839.1820	2436210.0880	US30_EAST	1573+77.43	47.7959' LT	POWER POLE WITH TRANSFORMER
512	1854748.4760	2435632.0740	US30_EAST	1567+98.72	38.345' RT	PIPE CULVERT
513	1854737.3190	2435710.2860	US30_EAST	1568+76.84	50.119' RT	POWER POLE WITH LIGHT
514	1855076.3450	2432335.5900	US30_EAST	1534+66.89	38.6324' LT	PIPE CULVERT
515	1855066.5880	2432368.6270	US30_EAST	1535+01.54	38.3647' LT	PIPE CULVERT
516	1855731.9030	2430504.7640	US30_EAST	1515+19.34	38.8832' RT	PIPE CULVERT
517	1855785.1650	2430357.3200	US30_EAST	1513+62.92	49.2776' RT	POWER POLE
518	1855969.2930	2429934.6600	US30_EAST	1509+01.89	50.2697' RT	POWER POLE
519	1855909.5580	2430075.0640	US30_EAST	1510+54.47	48.6297' RT	POWER POLE

HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
WES1	1854874.6730	2441470.7530	670.6828	US30_EAST	1626+38.21	41.763' LT	TOPO SURVEY POINT, PIN
WES2	1854792.0530	2441279.7760	674.0373	US30_EAST	1624+46.59	39.3471' RT	TOPO SURVEY POINT, PIN
WES3	1854870.1350	2440822.0480	673.7727	US30_EAST	1619+89.49	42.3454' LT	TOPO SURVEY POINT, PIN
WES4	1854789.0030	2440619.7760	671.0371	US30_EAST	1617+86.59	37.1875' RT	TOPO SURVEY POINT, PIN
WES5	1854770.4720	2436899.4670	646.0446	US30_EAST	1580+66.25	26.3533' RT	TOPO SURVEY POINT, PIN
WES6	1854818.9940	2436346.0540	643.3675	US30_EAST	1575+13.23	26.5353' LT	TOPO SURVEY POINT, PIN
WES7	1854744.7140	2435645.3020	641.6356	US30_EAST	1568+11.92	42.2113' RT	TOPO SURVEY POINT, PIN
WES8	1854807.5610	2435064.4540	643.2098	US30_EAST	1562+31.58	25.2184' LT	TOPO SURVEY POINT, PIN
WES9	1854853.2340	2432933.9140	643.5232	US30_EAST	1541+00.88	39.4311' RT	TOPO SURVEY POINT, PIN
WES10	1855064.4910	2432329.3360	642.0843	US30_EAST	1534+64.18	25.5057' LT	TOPO SURVEY POINT, PIN
WES11	1855746.5530	2430502.0110	640.3959	US30_EAST	1515+10.94	26.57' RT	TOPO SURVEY POINT, PIN
WES12	1855994.9240	2429941.7960	641.7689	US30_EAST	1508+98.14	23.9296' RT	TOPO SURVEY POINT, PIN
WES90	1878348.8400	2424155.0800	677.5570	US30_EAST	1409+76.96	18863.4005' LT	NGS MONUMENT
WES91	1882305.4550	2424252.1430	655.6850	US30_EAST	1408+15.57	22779.9051' LT	NGS MONUMENT

BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
WES400	1854815.2170	2436811.8710	645.6564	US30_EAST	1579+79.01	19.0817' LT	VERTICAL CONTROL STATION, CHISELED SQUARE
WES401	1854760.2050	2435718.5290	641.3998	US30_EAST	1568+85.26	27.2988' RT	VERTICAL CONTROL STATION, CHISELED SQUARE
WES402	1855049.0450	2432374.2910	641.7015	US30_EAST	1535+11.82	23.0295' LT	VERTICAL CONTROL STATION, CHISELED SQUARE
WES403	1855834.4410	2430419.8900	641.1357	US30_EAST	1514+00.45	20.9684' LT	VERTICAL CONTROL STATION, CHISELED SQUARE
WES416	1854787.8580	2440847.8050	675.0834	US30_EAST	1620+14.60	40.1323' RT	VERTICAL CONTROL STATION, CHISELED SQUARE

APPARENT PROPERTY CORNERS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
WES700	1854747.3610	2436993.7160	643.7350	US30_EAST	1581+60.31	50.2075' RT	R.O.W. MARKER
WES701	1854746.7720	2436888.2640	644.2170	US30_EAST	1580+54.86	49.9642' RT	R.O.W. MARKER
WES702	1854845.3600	2436867.3700	643.3610	US30_EAST	1580+34.74	48.7857' LT	R.O.W. MARKER
WES800	1854739.5220	2436000.4820	641.2390	US30_EAST	1571+67.04	50.2066' RT	R.O.W. MARKER
WES801	1855009.1240	2432714.2200	639.5210	US30_EAST	1538+53.45	68.3545' LT	R.O.W. MARKER
WES802	1854996.0270	2432675.1920	638.6510	US30_EAST	1538+18.06	46.8192' LT	R.O.W. MARKER

CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
US30_EAST	SEGA1071300	EGA1071300	1	2	3
US30_EAST	A1071320	1071320	1071321	1071322	1071323
US30_EAST	A1071340	1071340	1071341	1071342	1071343
US30_EAST	CL200	L200	1	2	3

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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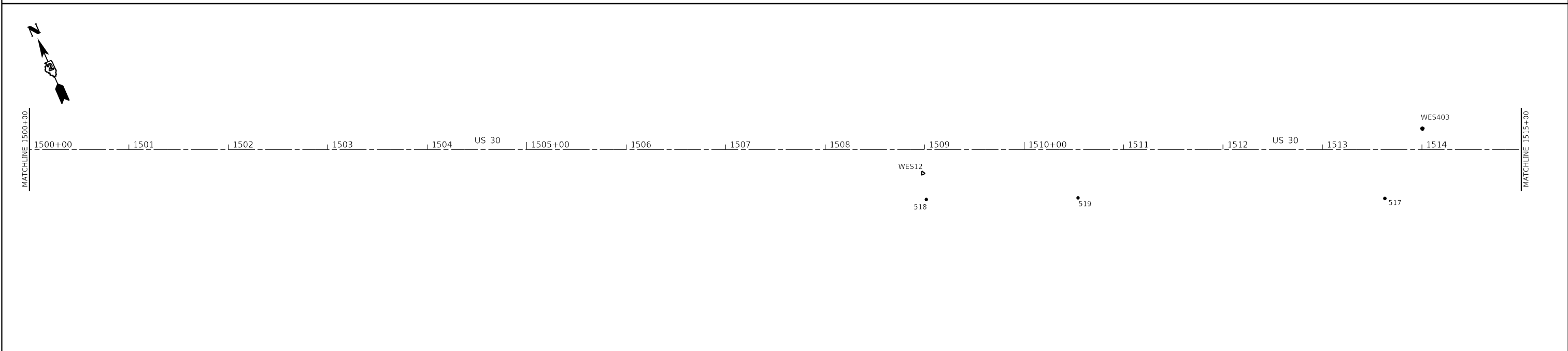
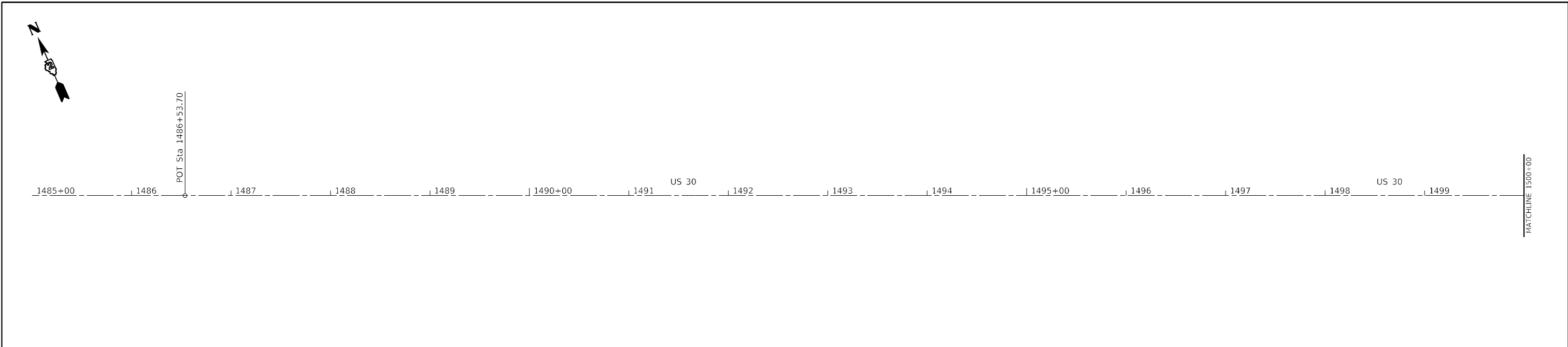
USER NAME = drunroll	DESIGNED - DSR	REVISED -
	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	31
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				



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* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

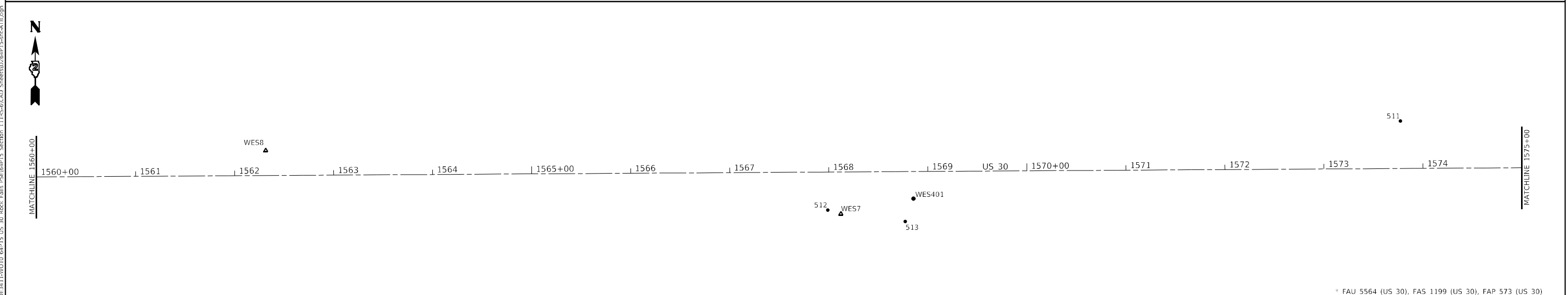
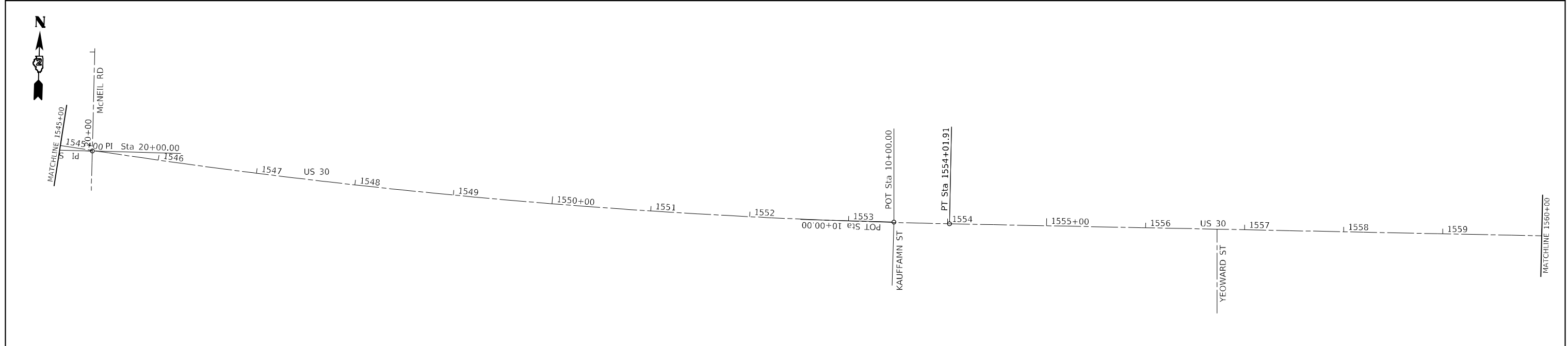
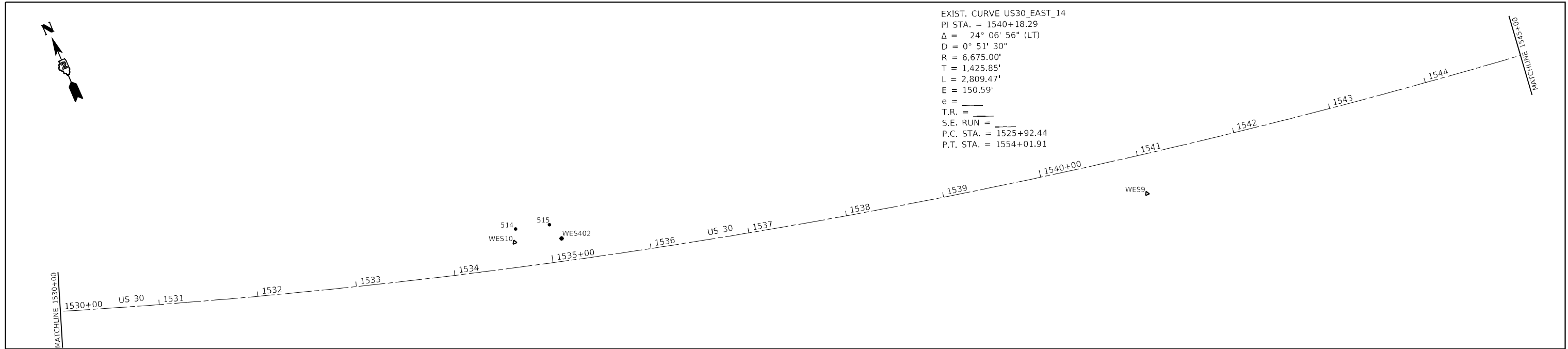
BENTLEY & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFAYETTE AVE. JACKSONVILLE, IL 62550 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunroll	DESIGNED - DSR, INC.	REVISED -
	PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
	PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS			
SCALE:	SHEET 4	OF 10 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	32
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE US30_EAST_14
 PI STA. = 1540+18.29
 Δ = 24° 06' 56" (LT)
 D = 0° 51' 30"
 R = 6,675.00'
 T = 1,425.85'
 L = 2,809.47'
 E = 150.59'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 1525+92.44
 P.T. STA. = 1554+01.91



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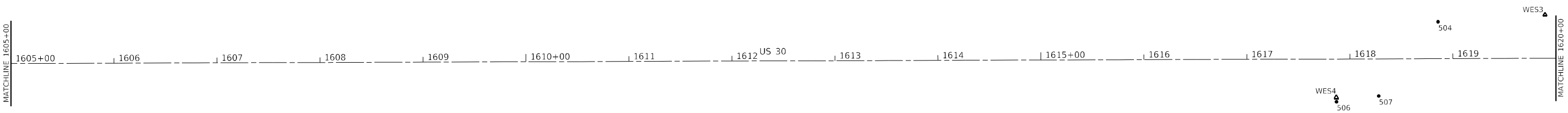
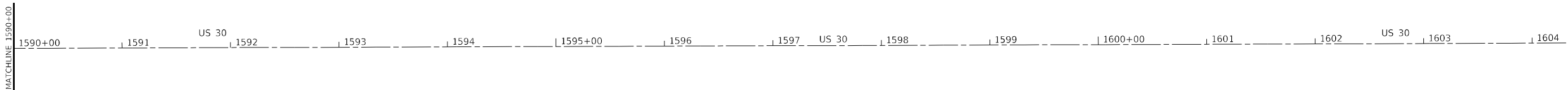
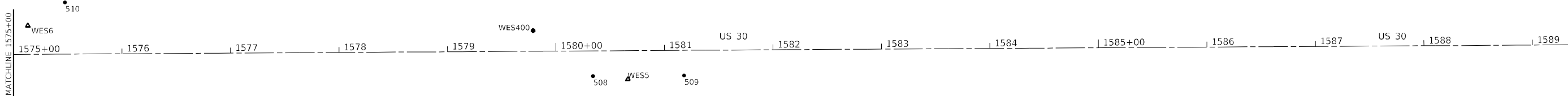
* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFAYETTE AVE. JACKSONVILLE, IL 62656 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll	DESIGNED - DSR	REVISED -
	PLOT SCALE = 100,0000' / in.	DRAWN - DSR	REVISED -
	PLOT DATE = 3/8/2022	CHECKED - WJS	REVISED -
		DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS			
SCALE:	SHEET 5 OF 10 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	33
			CONTRACT NO. 64P15	
		ILLINOIS	FED. AID PROJECT	



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* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)



BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFAYETTE AVE.
 JACKSONVILLE, IL 62656
 PHONE: 217-245-4140 FAX: 217-245-4149
 IL DESIGN FIRM REGISTRATION NO. 184-000832

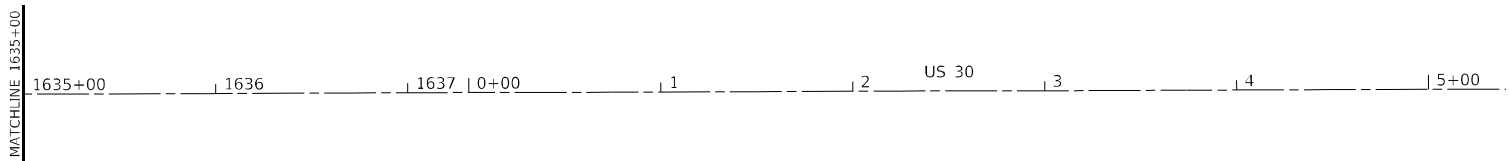
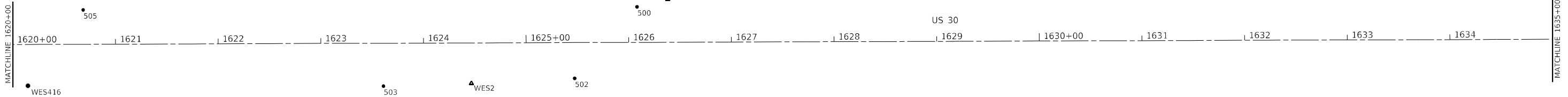
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	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	34
CONTRACT NO. 64P15			ILLINOIS FED. AID PROJECT	



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* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)



BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFALETTE AVE.
 JACKSONVILLE, IL 62550
 PHONE: 217-245-4140 FAX: 217-245-4149
 IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME = drunroll	DESIGNED - DSR	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN - DSR	REVISED -
PLOT DATE = 3/8/2022	CHECKED - WJS	REVISED -
	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	35
CONTRACT NO. 64P15				
		ILLINOIS	FED. AID PROJECT	

Chain US30_EAST contains:
 CUR SEGA1071300 CUR A1071320 A1071330 CUR A1071340 A1071612 CUR CL200 A00210001

Beginning chain US30_EAST description
 =====

Curve Data

Curve SEGA1071300
 P.I. Station 1215+52.13 N 1,859,678.0431 E 2,401,579.3215
 Delta = 9° 23' 04" (RT)
 Degree = 1° 44' 06"
 Tangent = 271.0741'
 Length = 540.9356'
 Radius = 3,302.6107'
 External = 11.1060'
 Long Chord = 540.3312'
 Mid. Ord. = 11.0688'
 P.C. Station 1212+81.06 N 1,859,893.5986 E 2,401,414.9530
 P.T. Station 1218+21.99 N 1,859,438.5707 E 2,401,706.3418
 C.C. N 1,857,891.0281 E 2,398,788.7487

Course from PT SEGA1071300 to PC A1071320 N 63° 05' 09" E Dist 245.8392'

Curve Data

Curve A1071320
 P.I. Station 1225+52.18 N 1,859,769.0934 E 2,402,357.4407
 Delta = 26° 25' 15" (RT)
 Degree = 2° 46' 37"
 Tangent = 484.3491'
 Length = 951.4719'
 Radius = 2,063.3566'
 External = 56.0854'
 Long Chord = 943.0642'
 Mid. Ord. = 54.6013'
 P.C. Station 1220+67.83 N 1,859,549.8508 E 2,401,925.5532
 P.T. Station 1230+19.31 N 1,859,773.2642 E 2,402,841.7718
 C.C. N 1,857,709.9841 E 2,402,859.5399

Course from PT A1071320 to A1071330 N 89° 30' 24" E Dist 4,562.4466'

Point A1071330 N 1,859,812.5525 E 2,407,404.0493 Sta 1275+81.75

Course from A1071330 to PC A1071340 N 89° 29' 10" E Dist 11,852.7868'

Curve Data

Curve A1071340
 P.I. Station 1411+89.16 N 1,859,934.5981 E 2,421,010.9100
 Delta = 24° 10' 38" (RT)
 Degree = 0° 41' 58"
 Tangent = 1,754.6212'
 Length = 3,457.0162'
 Radius = 8,192.5609'
 External = 185.7891'
 Long Chord = 3,431.4252'
 Mid. Ord. = 181.6693'
 P.C. Station 1394+34.54 N 1,859,918.8608 E 2,419,256.3594
 P.T. Station 1428+91.56 N 1,859,230.3637 E 2,422,618.0034
 C.C. N 1,851,726.6294 E 2,419,329.8389

Course from PT A1071340 to A1071612 S 66° 20' 12" E Dist 5,762.1473'

Point A1071612 N 1,856,917.6695 E 2,427,895.6721 Sta 1486+53.70

Course from A1071612 to PC CL200 S 66° 20' 12" E Dist 3,938.7401'

Curve Data

Curve CL200
 P.I. Station 1540+18.29 N 1,854,764.5404 E 2,432,809.2062
 Delta = 24° 06' 56" (LT)
 Degree = 0° 51' 30"
 Tangent = 1,425.8458'
 Length = 2,809.4683'
 Radius = 6,675.0000'
 External = 150.5887'
 Long Chord = 2,788.7766'
 Mid. Ord. = 147.2664'
 P.C. Station 1525+92.44 N 1,855,336.8176 E 2,431,503.2448
 P.T. Station 1554+01.91 N 1,854,775.7947 E 2,434,235.0076
 C.C. N 1,861,450.5868 E 2,434,182.3214

Course from PT CL200 to A00210001 N 89° 32' 52" E Dist 8,329.9987'

Point A00210001 N 1,854,841.5440 E 2,442,564.7468 Sta 1637+31.91

Ending chain US30_EAST description
 =====

Chain IL40 contains:
 CUR 340 CUR 330 A0051068 A0051069 A0051070 A0051064 A0051066 CUR 320 CUR 310 3-
 00 290 CUR 280 CUR 270 CUR 260 CUR A145210 CUR 250 D102 A1451051

Beginning chain IL40 description
 =====

Curve Data

Curve 340
 P.I. Station 0+97.33 N 1,791,666.2558 E 2,427,547.2611
 Delta = 3° 53' 29" (LT)
 Degree = 2° 00' 00"
 Tangent = 97.3251'
 Length = 194.5753'
 Radius = 2,864.8031'
 External = 1.6527'
 Long Chord = 194.5379'
 Mid. Ord. = 1.6518'
 P.C. Station 0+00.00 N 1,791,573.0970 E 2,427,575.4321
 P.T. Station 1+94.58 N 1,791,757.2880 E 2,427,512.8327
 C.C. N 1,790,743.8726 E 2,424,833.2644

Course from PT 340 to PC 330 N 20° 43' 00" W Dist 348.8740'

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USER NAME = drunoll	DESIGNED - DSR	REVISED -
	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	36
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

Curve Data

Curve 330
P.I. Station 10+45.47 N 1,792,553.1634 E 2,427,211.8318
Delta = 19° 52' 40" (RT)
Degree = 2° 00' 00"
Tangent = 502.0192'
Length = 993.9474'
Radius = 2,864.9458'
External = 43.6514'
Long Chord = 988.9701'
Mid. Ord. = 42.9963'
P.C. Station 5+43.45 N 1,792,083.6041 E 2,427,389.4196
P.T. Station 15+37.40 N 1,793,055.1288 E 2,427,204.4826
C.C. N 1,793,097.0700 E 2,430,069.1214

Course from PT 330 to A0051068 N 0° 50' 20" W Dist 7,561.1761'

Point A0051068 N 1,800,615.4946 E 2,427,093.7912 Sta 90+98.57

Course from A0051068 to A0051069 N 0° 47' 26" W Dist 22,666.9467'

Point A0051069 N 1,823,280.2832 E 2,426,781.0136 Sta 317+65.52

Course from A0051069 to A0051070 N 0° 01' 01" W Dist 15,316.2195'

Point A0051070 N 1,838,596.5020 E 2,426,776.4532 Sta 470+81.74

Course from A0051070 to A0051064 N 0° 07' 05" W Dist 7,019.7879'

Point A0051064 N 1,845,616.2750 E 2,426,761.9930 Sta 541+01.53

Course from A0051064 to A0051066 N 0° 03' 25" W Dist 3,868.6609'

Point A0051066 N 1,849,484.9340 E 2,426,758.1390 Sta 579+70.19

Course from A0051066 to PC 320 N 0° 03' 25" W Dist 804.0434'

Curve Data

Curve 320
P.I. Station 589+63.75 N 1,850,478.4966 E 2,426,757.1492
Delta = 2° 46' 29" (RT)
Degree = 0° 43' 56"
Tangent = 189.5197'
Length = 378.9653'
Radius = 7,825.2907'
External = 2.2946'
Long Chord = 378.9283'
Mid. Ord. = 2.2940'
P.C. Station 587+74.23 N 1,850,288.9770 E 2,426,757.3380
P.T. Station 591+53.20 N 1,850,667.8031 E 2,426,766.1351
C.C. N 1,850,296.7726 E 2,434,582.6249

Course from PT 320 to PC 310 N 2° 43' 04" E Dist 42.3644'

Curve Data

Curve 310
P.I. Station 594+35.56 N 1,850,949.8500 E 2,426,779.5232
Delta = 2° 46' 27" (LT)
Degree = 0° 34' 41"
Tangent = 240.0000'
Length = 479.9062'
Radius = 9,912.0354'
External = 2.9051'
Long Chord = 479.8594'
Mid. Ord. = 2.9043'
P.C. Station 591+95.56 N 1,850,710.1199 E 2,426,768.1438
P.T. Station 596+75.47 N 1,851,189.8499 E 2,426,779.2870
C.C. N 1,851,180.0919 E 2,416,867.2564

Course from PT 310 to 300 N 0° 03' 23" W Dist 2,875.1415'

Point 300 N 1,854,064.9900 E 2,426,776.4565 Sta 625+50.61

Course from 300 to 290 N 0° 32' 20" E Dist 1,391.5492'

Point 290 N 1,855,456.4776 E 2,426,789.5474 Sta 639+42.16

Course from 290 to PC 280 N 0° 05' 49" W Dist 4,199.6606'

Curve Data

Curve 280
P.I. Station 686+31.30 N 1,860,145.6142 E 2,426,781.6235
Delta = 1° 31' 36" (LT)
Degree = 0° 09' 21"
Tangent = 489.4827'
Length = 978.9075'
Radius = 36,739.8213'
External = 3.2605'
Long Chord = 978.8786'
Mid. Ord. = 3.2602'
P.C. Station 681+41.82 N 1,859,656.1322 E 2,426,782.4507
P.T. Station 691+20.73 N 1,860,634.9004 E 2,426,767.7563
C.C. N 1,859,594.0477 E 2,390,042.6818

Course from PT 280 to PC 270 N 1° 37' 24" W Dist 450.6783'

Curve Data

Curve 270
P.I. Station 697+89.53 N 1,861,303.4323 E 2,426,748.8090
Delta = 1° 34' 11" (RT)
Degree = 0° 21' 35"
Tangent = 218.1220'
Length = 436.2166'
Radius = 15,922.2074'
External = 1.4940'
Long Chord = 436.2030'
Mid. Ord. = 1.4938'
P.C. Station 695+71.40 N 1,861,085.3979 E 2,426,754.9884
P.T. Station 700+07.62 N 1,861,521.5541 E 2,426,748.6045
C.C. N 1,861,536.4799 E 2,442,670.8049

Course from PT 270 to PC 260 N 0° 03' 13" W Dist 767.3341'

Curve Data

Curve 260
P.I. Station 710+74.21 N 1,862,588.1451 E 2,426,747.6046
Delta = 34° 33' 15" (LT)
Degree = 5° 57' 18"
Tangent = 299.2573'
Length = 580.2632'
Radius = 962.1612'
External = 45.4643'
Long Chord = 571.5094'
Mid. Ord. = 43.4129'
P.C. Station 707+74.95 N 1,862,288.8879 E 2,426,747.8852
P.T. Station 713+55.22 N 1,862,834.4514 E 2,426,577.6396
C.C. N 1,862,287.9860 E 2,425,785.7243

Course from PT 260 to PC A145210 N 34° 36' 28" W Dist 896.7265'

Curve Data

Curve A145210
P.I. Station 723+41.51 N 1,863,646.2258 E 2,426,017.4703
Delta = 32° 15' 30" (RT)
Degree = 18° 30' 00"
Tangent = 89.5631'
Length = 174.3694'
Radius = 309.7070'
External = 12.6902'
Long Chord = 172.0755'
Mid. Ord. = 12.1907'
P.C. Station 722+51.94 N 1,863,572.5100 E 2,426,068.3383
P.T. Station 724+26.31 N 1,863,735.7136 E 2,426,013.7987
C.C. N 1,863,748.4100 E 2,426,323.2454

Course from PT A145210 to PC 250 N 2° 20' 58" W Dist 58.5657'

Curve Data

Curve 250
P.I. Station 725+33.01 N 1,863,842.3186 E 2,426,009.4248
Delta = 17° 39' 00" (LT)
Degree = 18° 28' 57"
Tangent = 48.1290'
Length = 95.4957'
Radius = 310.0000'
External = 3.7139'
Long Chord = 95.1185'
Mid. Ord. = 3.6699'
P.C. Station 724+84.88 N 1,863,794.2301 E 2,426,011.3978
P.T. Station 725+80.38 N 1,863,887.5453 E 2,425,992.9641
C.C. N 1,863,781.5216 E 2,425,701.6584

Course from PT 250 to D102 N 19° 59' 58" W Dist 1,671.2792'

Point D102 N 1,865,458.0391 E 2,425,421.3668 Sta 742+51.65

Course from D102 to A1451051 N 19° 44' 58" W Dist 674.7866'

Point A1451051 N 1,866,093.1341 E 2,425,193.3508 Sta 749+26.44

=====
Ending chain IL40 description

Chain KAUFMANBL contains:
A07950002 A07950003

Beginning chain KAUFMANBL description
=====

Point A07950002 N 1,854,628.0411 E 2,434,179.0546 Sta 8+52.14

Course from A07950002 to A07950003 N 0° 03' 56" W Dist 147.8620'

Point A07950003 N 1,854,775.9030 E 2,434,178.8854 Sta 10+00.00

=====
Ending chain KAUFMANBL description

Chain MCNEILRD contains:
A07927 A079210 A07930

Beginning chain MCNEILRD description
=====

Point A07927 N 1,853,990.8430 E 2,433,367.9470 Sta 11+65.91

Course from A07927 to A079210 N 0° 00' 37" W Dist 834.0867'

Point A079210 N 1,854,824.9297 E 2,433,367.7989 Sta 20+00.00

Course from A079210 to A07930 N 0° 15' 20" W Dist 1,148.8727'

Point A07930 N 1,855,973.7910 E 2,433,362.6760 Sta 31+48.87

=====
Ending chain MCNEILRD description

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	37
			CONTRACT NO. 64P15	
			ILLINOIS FED. AID PROJECT	

Curve Data

Curve A017_2
 P.I. Station 592+81.88 N 1,855,317.9265 E 2,501,844.7125
 Delta = 1° 31' 53" (RT)
 Degree = 0° 06' 40"
 Tangent = 688.3821'
 Length = 1,376.6823'
 Radius = 51,510.0000'
 External = 4,5996'
 Long Chord = 1,376.6413'
 Mid. Ord. = 4,5992'
 P.C. Station 585+93.50 N 1,855,312.2606 E 2,501,156.3537
 P.T. Station 599+70.18 N 1,855,305.1952 E 2,502,532.9769
 C.C. N 1,803,804.0054 E 2,501,580.3225

Course from PT A017_2 to PC A017_3 S 88° 56' 25" E Dist 1,945.0487'

Curve Data

Curve A017_3
 P.I. Station 629+09.18 N 1,855,250.8397 E 2,505,471.4770
 Delta = 1° 27' 28" (LT)
 Degree = 0° 04' 24"
 Tangent = 993.9541'
 Length = 1,987.8009'
 Radius = 78,126.3000'
 External = 6,3225'
 Long Chord = 1,987.7473'
 Mid. Ord. = 6,3220'
 P.C. Station 619+15.23 N 1,855,269.2224 E 2,504,477.6929
 P.T. Station 639+03.03 N 1,855,257.7454 E 2,506,465.4070
 C.C. N 1,933,382.1598 E 2,505,922.6038

Course from PT A017_3 to A01710009 N 89° 36' 07" E Dist 725.2095'

Point A01710009 N 1,855,262.7840 E 2,507,190.5990 Sta 646+28.24

=====
 Ending chain US30_LEECO description

Chain US30_LEECO contains:

A01710001 A01710003 A01710004 A01710005 A01710006 A01710007 CUR A017_2 CUR A017_3 A01710009

Beginning chain US30_LEECO description

=====
 Point A01710001 N 1,854,841.5440 E 2,442,564.7468 Sta 0+00.00

Course from A01710001 to A01710003 N 89° 32' 52" E Dist 5,531.8158'

Point A01710003 N 1,854,885.2069 E 2,448,096.3903 Sta 55+31.82

Course from A01710003 to A01710004 N 89° 32' 28" E Dist 9,537.4498'

Point A01710004 N 1,854,961.5833 E 2,457,633.5343 Sta 150+69.27

Course from A01710004 to A01710005 N 89° 32' 48" E Dist 6,273.8846'

Point A01710005 N 1,855,011.2260 E 2,463,907.2225 Sta 213+43.15

Course from A01710005 to A01710006 N 89° 32' 32" E Dist 18,049.6667'

Point A01710006 N 1,855,155.3960 E 2,481,956.3134 Sta 393+92.82

Course from A01710006 to A01710007 N 89° 32' 01" E Dist 13,175.6942'

Point A01710007 N 1,855,262.6701 E 2,495,131.5709 Sta 525+68.51

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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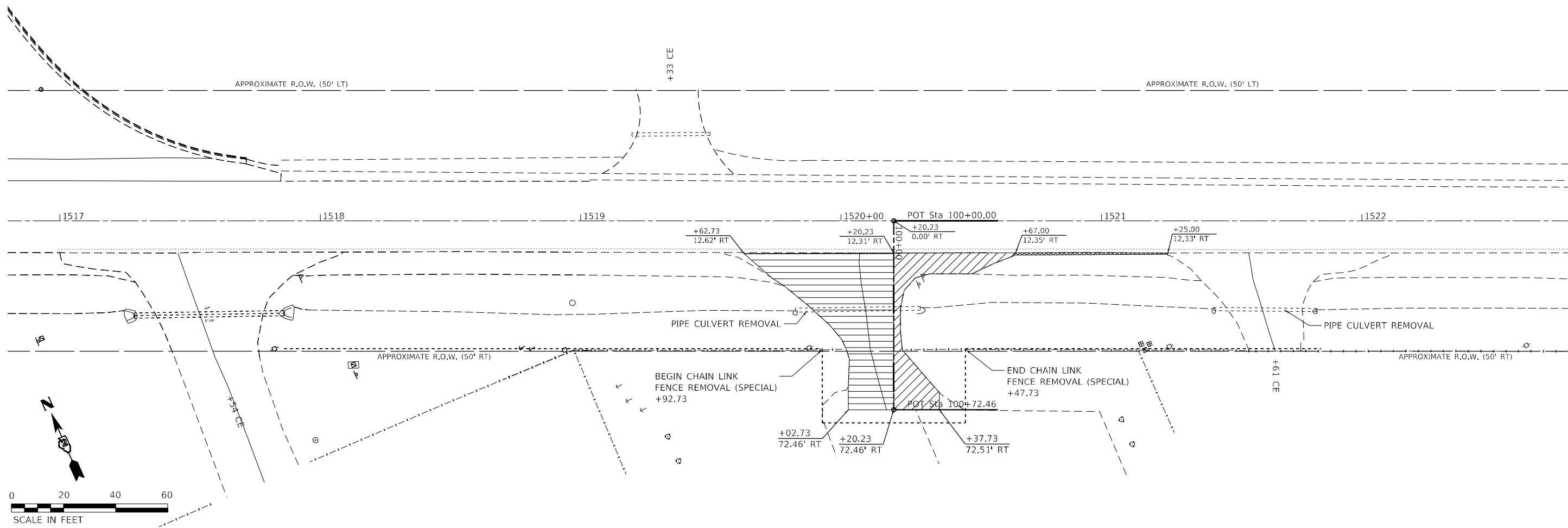


USER NAME = drunoll	DESIGNED - DSR	REVISED -
	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS
 SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	38
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				



- DRIVEWAY PAVEMENT REMOVAL FOR STAGE 1 CONSTRUCTION
- DRIVEWAY PAVEMENT REMOVAL FOR STAGE 2 CONSTRUCTION
- PAVED SHOULDER REMOVAL

SEE PLAN AND PROFILE (DITCH RIGHT) (IDOT MAINTENANCE YARD ENTRANCE RECONSTRUCTION) SHEET FOR PROPOSED IMPROVEMENTS

MODEL: D:\6411\111RS-6\CAD_Sheets\111RS-6\CAD_Sheets\111RS-6\111RS-6\111RS-6.dwg

BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFFETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-245-4140 FAX: 217-245-4149
 IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME =	druroll
DESIGNED -	DSR
DRAWN -	DSR
PLOT SCALE =	40,0000 * / in.
PLOT DATE =	3/8/2022

DESIGNED -	DSR	REVISED -	
DRAWN -	DSR	REVISED -	
CHECKED -	WJS	REVISED -	
DATE -	03/08/2022	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

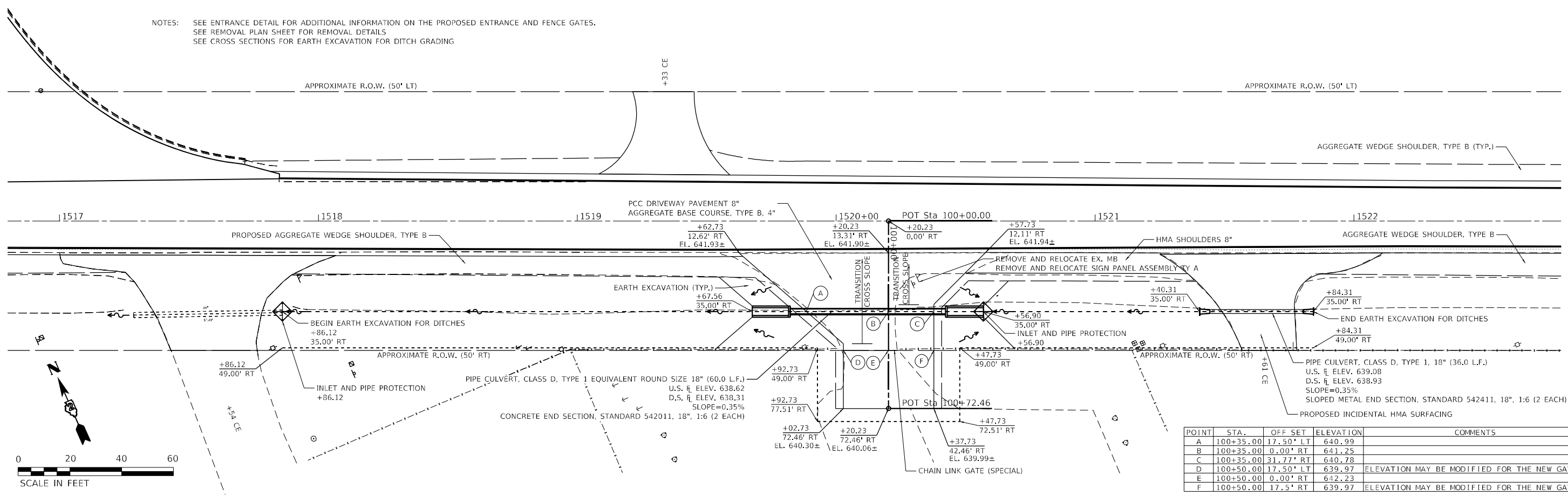
**REMOVAL PLAN
(IDOT MAINTENANCE YARD ENTRANCE RECONSTRUCTION)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	39
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

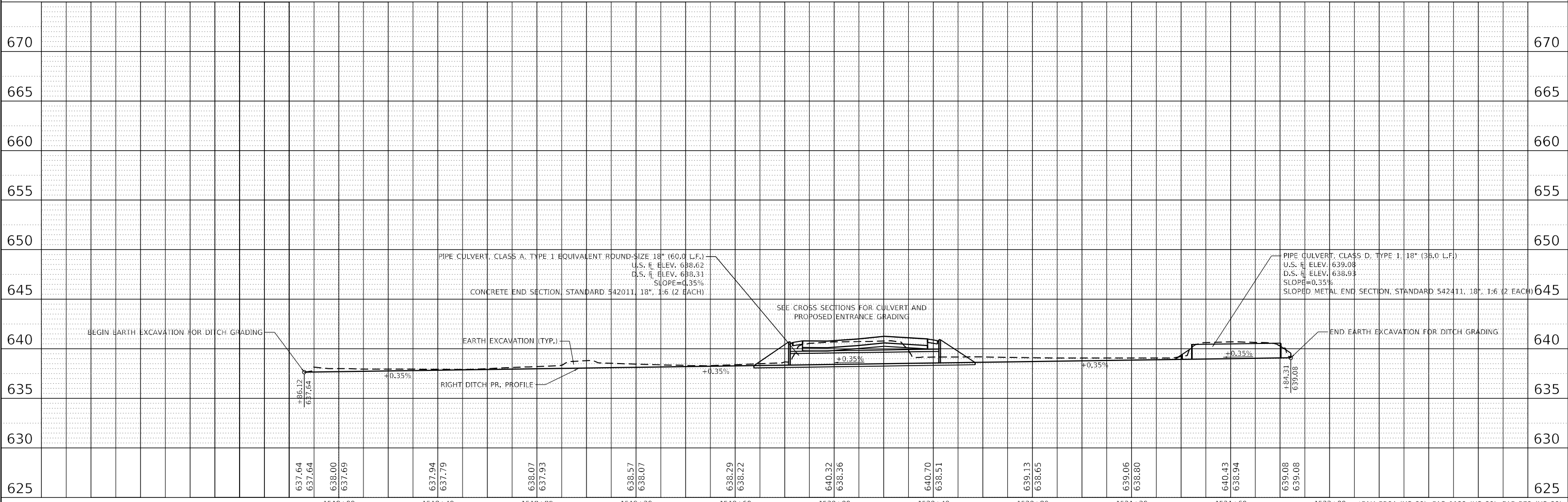
NOTES: SEE ENTRANCE DETAIL FOR ADDITIONAL INFORMATION ON THE PROPOSED ENTRANCE AND FENCE GATES.
SEE REMOVAL PLAN SHEET FOR REMOVAL DETAILS
SEE CROSS SECTIONS FOR EARTH EXCAVATION FOR DITCH GRADING



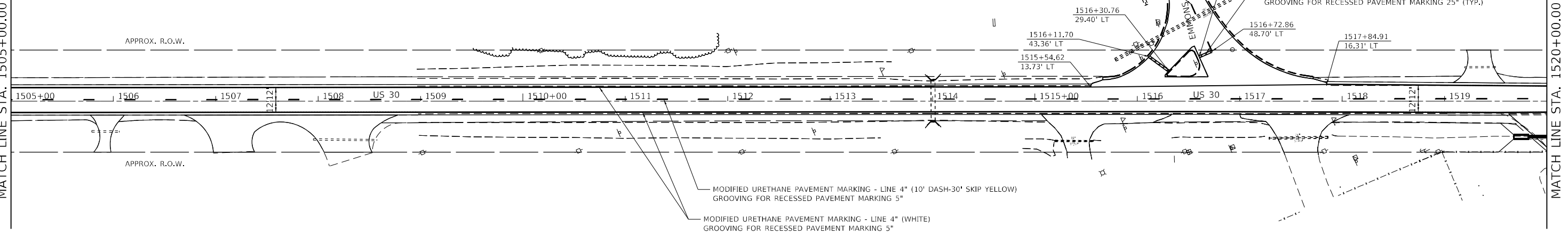
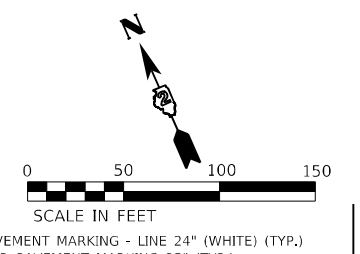
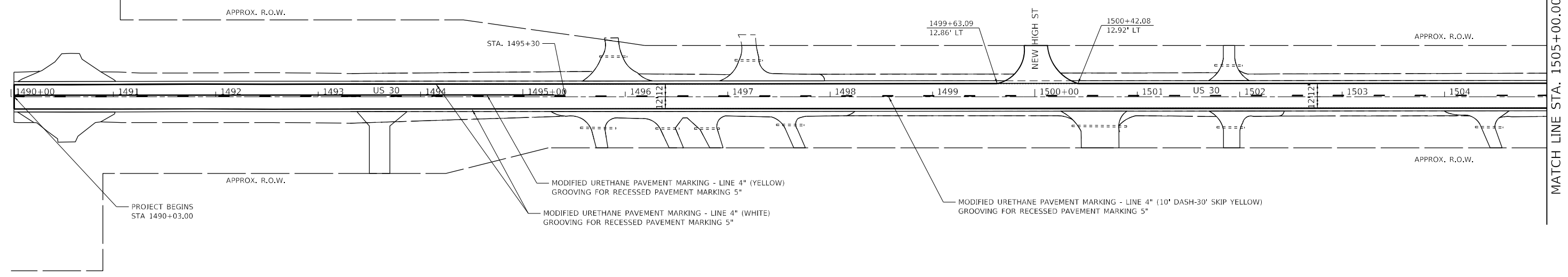
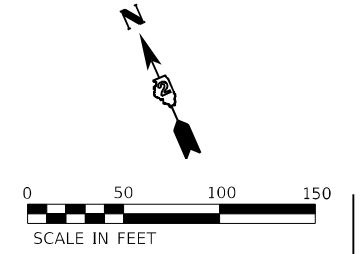
POINT	STA.	OFF SET	ELEVATION	COMMENTS
A	100+35.00	17.50' LT	640.99	
B	100+35.00	0.00' RT	641.25	
C	100+35.00	31.77' RT	640.78	
D	100+50.00	17.50' LT	639.97	ELEVATION MAY BE MODIFIED FOR THE NEW GATE
E	100+50.00	0.00' RT	642.23	
F	100+50.00	17.5' RT	639.97	ELEVATION MAY BE MODIFIED FOR THE NEW GATE

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
NO.	



<p>BENTLEY & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62555 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000932</p>	USER NAME = drunroll DESIGNED - DSR DRAWN - DSR CHECKED - WJS DATE - 03/08/2022	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE (DITCH RIGHT) (IDOT MAINTENANCE YARD ENTRANCE RECONSTRUCTION)	SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.	*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30) SECTION: 111RS-6 COUNTY: WHITESIDE CONTRACT NO. 64P15
	TOTAL SHEETS: 65 SHEET NO.: 40					
	ILLINOIS FED. AID PROJECT					
	ILLINOIS FED. AID PROJECT					



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BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFALETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-245-4140 FAX: 217-245-4149
 IL DESIGN FIRM REGISTRATION NO. 184-000932

USER NAME =	druroll
PLOT SCALE =	100,0000' / in.
PLOT DATE =	3/8/2022

DESIGNED -	DSR
DRAWN -	DSR
CHECKED -	WJS
DATE -	03/08/2022

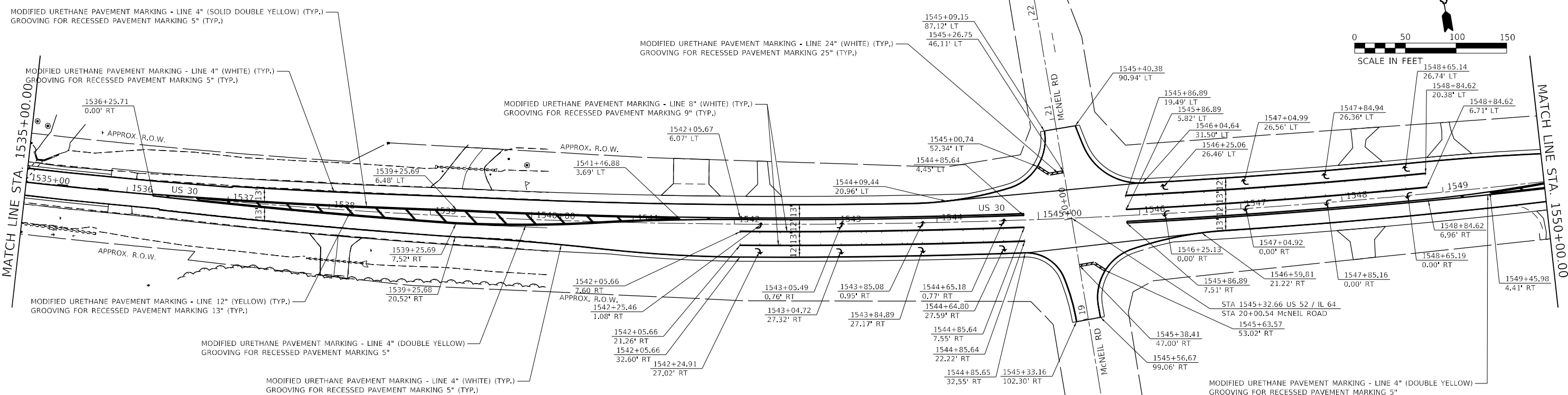
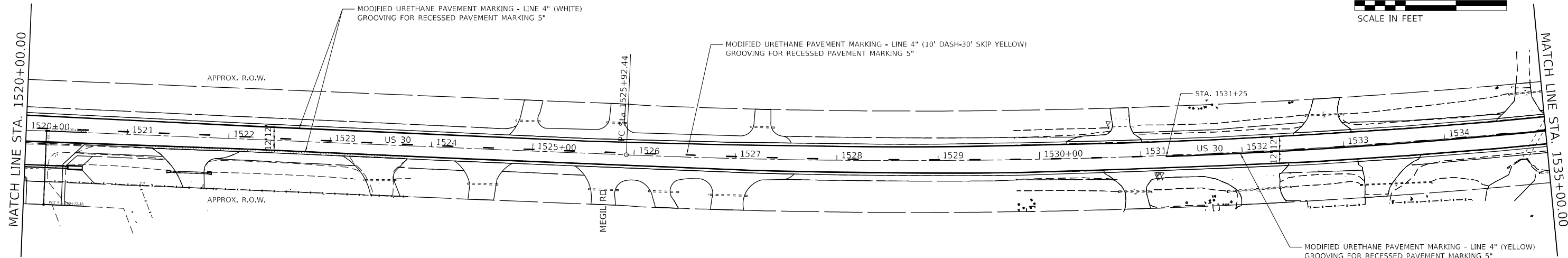
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEETS
 (US 30)**

SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 1490+03.00 TO STA. 1520+00.00

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
	111RS-6	WHITESIDE	65
			41
			CONTRACT NO. 64P15
ILLINOIS FED. AID PROJECT			



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BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFALETTE AVE.
 JACKSONVILLE, IL 62505
 PHONE: 217-245-4180 FAX: 217-245-4149
 IL DESIGN FIRM REGISTRATION NO. 184-000932

USER NAME = drunoff	DESIGNED - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - DSR	REVISED -
PLOT DATE = 3/8/2022	CHECKED - WJS	REVISED -
	DATE - 03/08/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

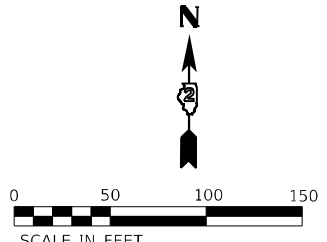
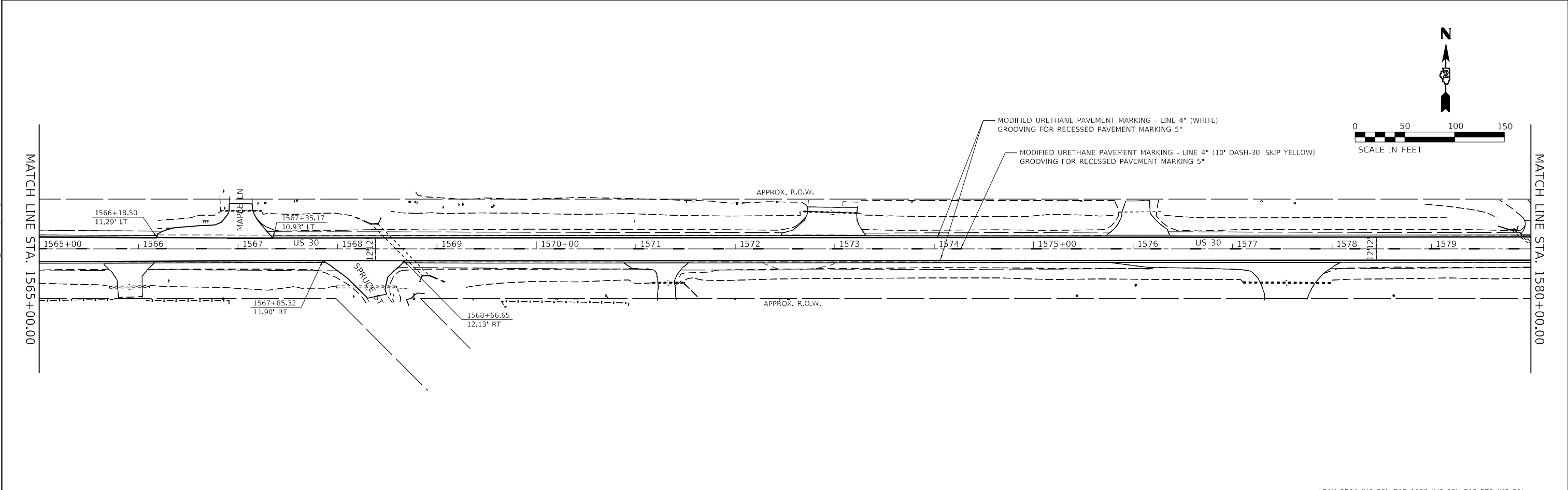
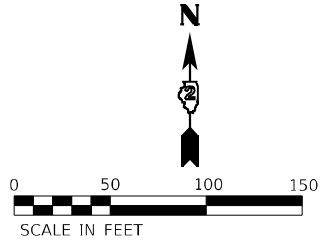
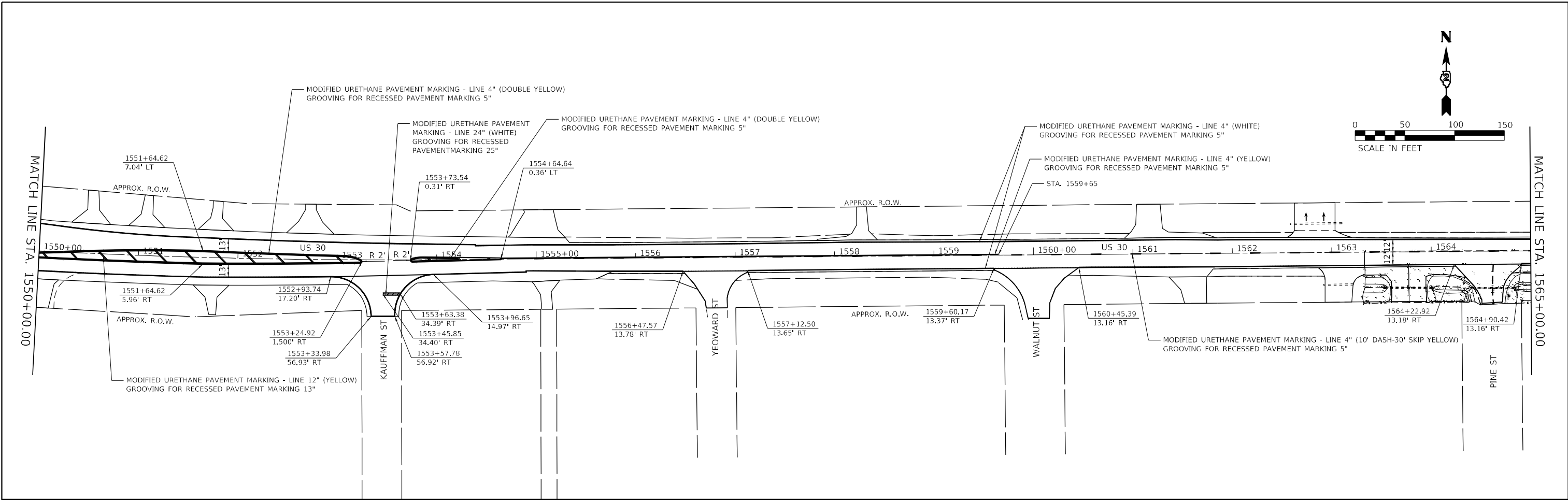
**PAVEMENT MARKING SHEETS
 (US 30)**

SCALE: 1"=50' SHEET 2 OF 6 SHEETS STA. 1520+00.00 TO STA. 1550+00.00

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111RS-6	WHITESIDE	65	42

CONTRACT NO. 64P15
 ILLINOIS FED. AID PROJECT



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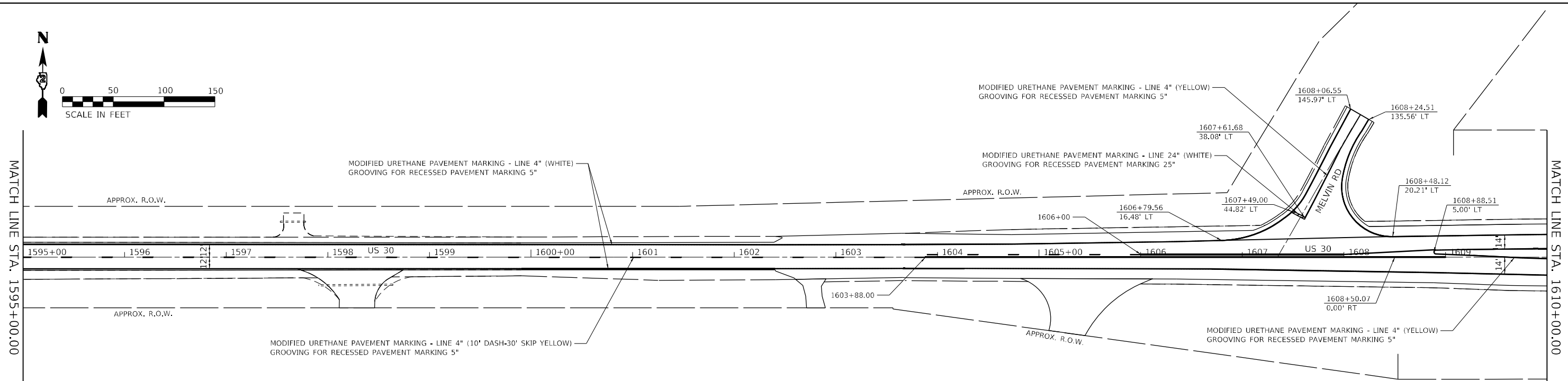
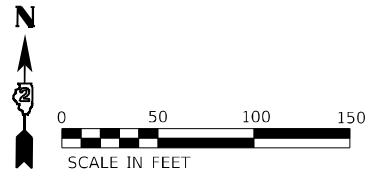
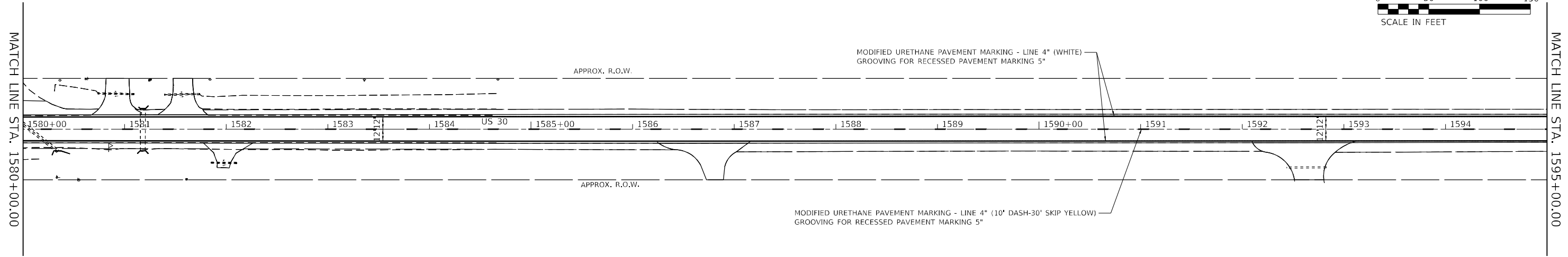
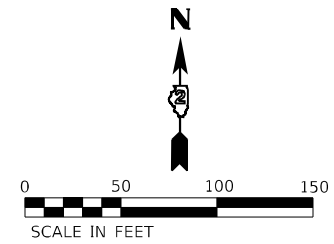
BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFALETTE AVE.
 JACKSONVILLE, IL 62550
 PHONE: 217-245-4140 FAX: 217-245-4149
 IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME = drunoll	DESIGNED - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - DSR	REVISED -
PLOT DATE = 3/8/2022	CHECKED - WJS	REVISED -
	DATE - 03/08/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS (US 30)			
SCALE: 1"=50'	SHEET 3	OF 6 SHEETS	STA. 1550+00.00 TO STA. 1580+00.00

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111RS-6	WHITESIDE	65	43
			CONTRACT NO. 64P15	
		ILLINOIS	FED. AID PROJECT	



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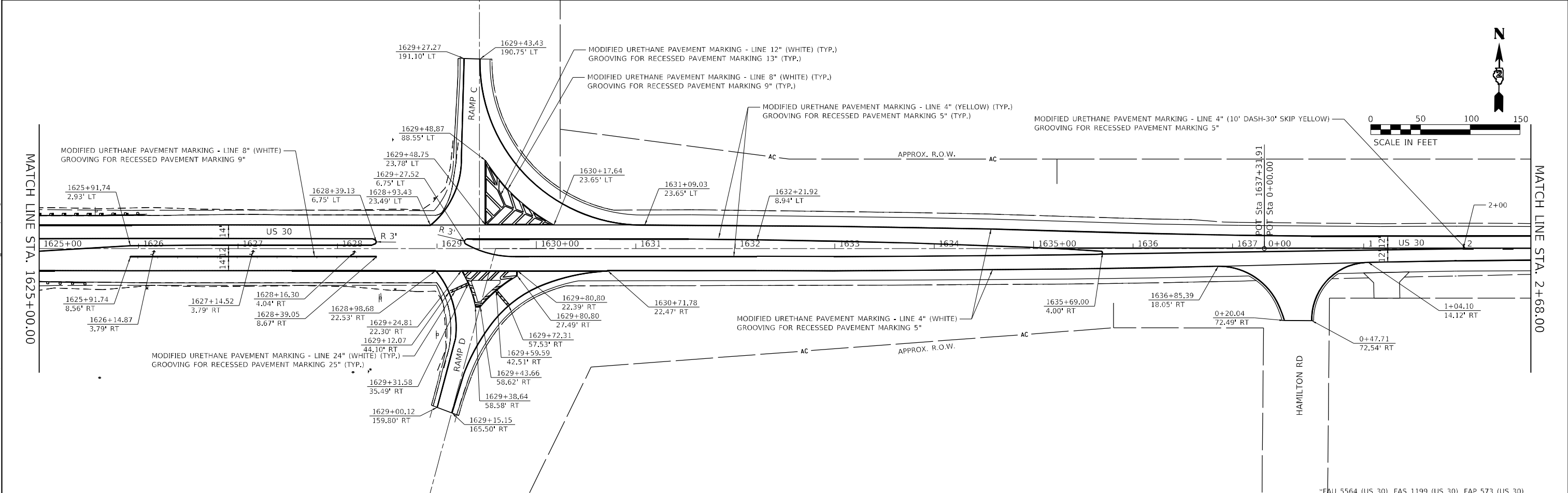
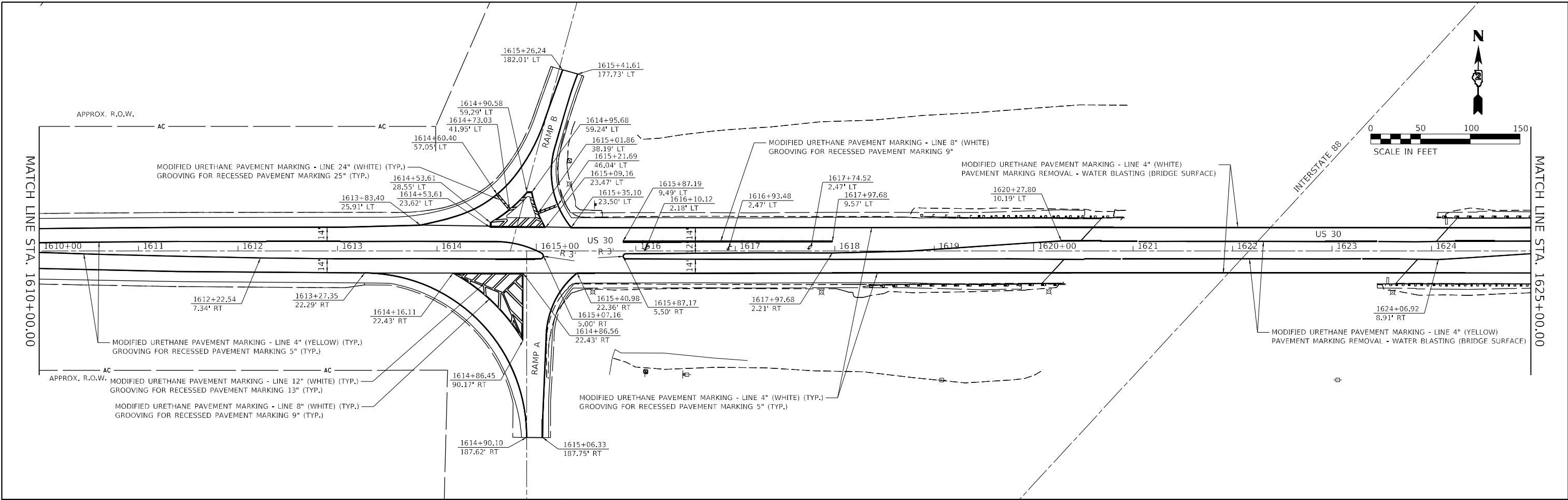
BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFALETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-245-4140 FAX: 217-245-4149
 IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME = drunoll	DESIGNED - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - DSR	REVISED -
PLOT DATE = 3/8/2022	CHECKED - WJS	REVISED -
	DATE - 03/08/2022	REVISED -

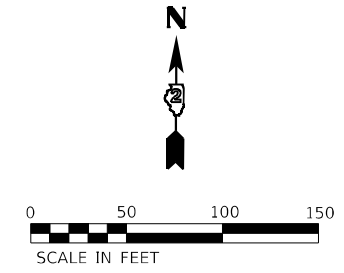
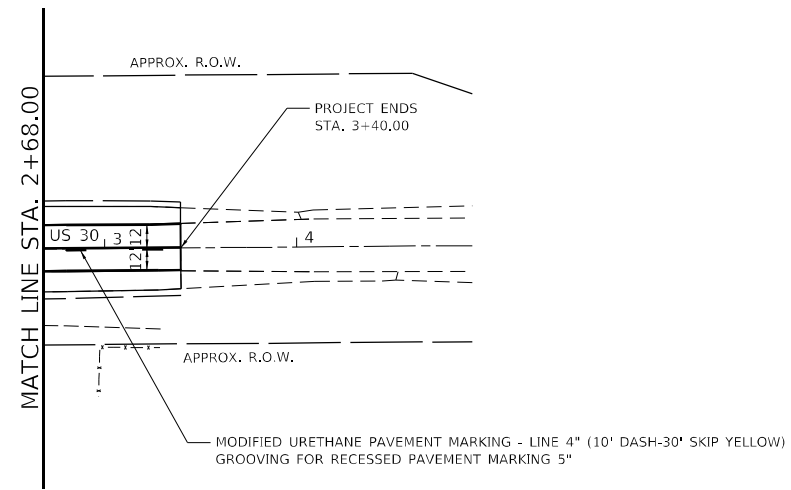
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS (US 30)			
SCALE: 1"=50'	SHEET 4	OF 6 SHEETS	STA. 1580+00.00 TO STA. 1610+00.00

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	44
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				



BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS - LAND SURVEYORS 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62650 PHONE: 217-245-4180 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll DESIGNED - DSR DRAWN - DSR CHECKED - WJS PLOT DATE = 3/8/2022	REVISIONS REVISION NO. DATE BY DESCRIPTION 1 03/08/2022 DSR	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS (US 30)	SCALE: 1"=50' SHEET 5 OF 6 SHEETS STA. 1610+00.00 TO STA. 2+68.00	F.A.U. R.T.E. SECTION COUNTY TOTAL SHEETS SHEET NO. * 111RS-6 WHITESIDE 65 45 CONTRACT NO. 64P15
	ILLINOIS FED. AID PROJECT					



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BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFAYETTE AVE.
 JACKSONVILLE, IL 62555
 PHONE: 217-245-4140 FAX: 217-245-4149
 IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME = drunoll	DESIGNED - DSR	REVISED -
DRAWN - DSR	REVISIONS	
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PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

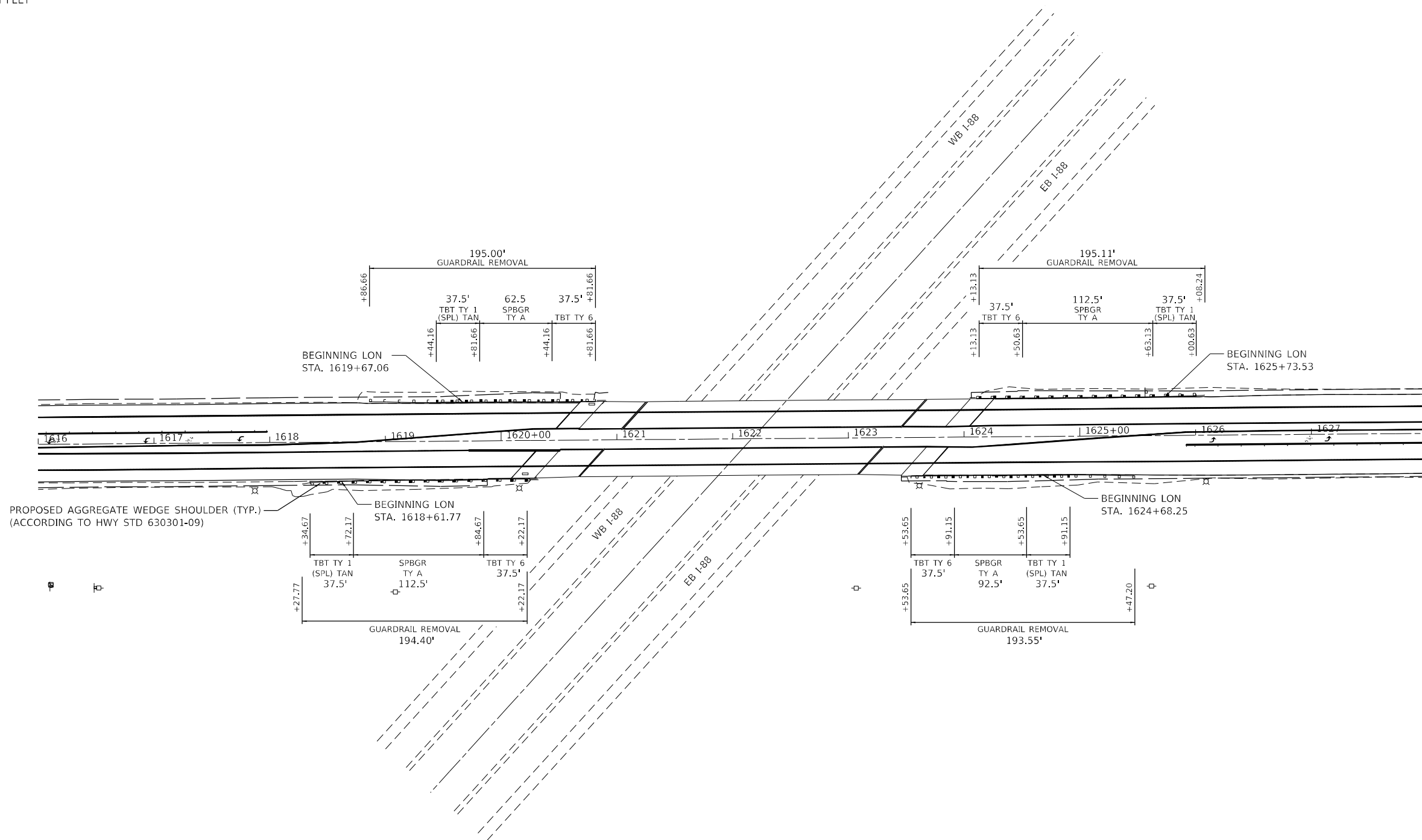
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SHEETS
(US 30)

SCALE: 1"=50' SHEET 6 OF 6 SHEETS STA. 2+68.00 TO STA. 3+40.00

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	46
			CONTRACT NO. 64P15	
		ILLINOIS	FED. AID PROJECT	



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BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS - LAND SURVEYORS
 1910 WEST LAFAYETTE AVE.
 JACKSONVILLE, IL 62550
 PHONE: 217-245-4100 FAX: 217-245-4109
 IL DESIGN FIRM REGISTRATION NO. 184-000832

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PLOT DATE = 3/8/2022	CHECKED - WJS	REVISED -
	DATE - 03/08/2022	REVISED -

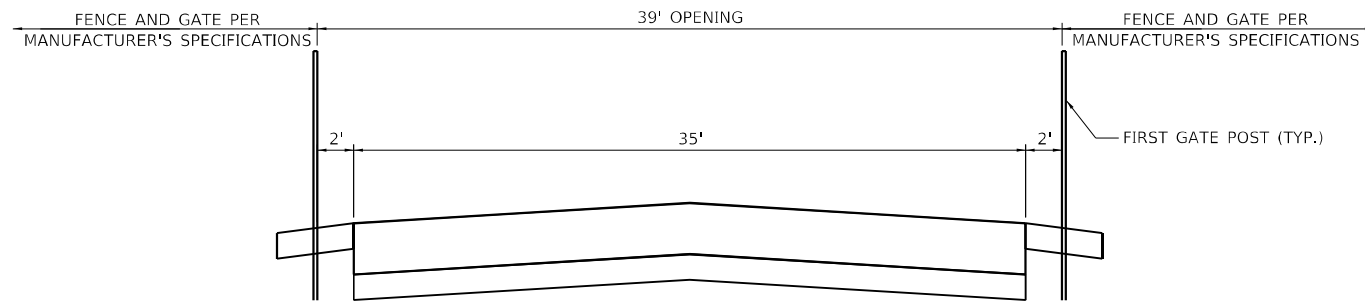
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

GUARDRAIL DETAILS

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111RS-6	WHITESIDE	65	47
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				



IDOT MAINTENANCE ENTRANCE GATE DETAIL

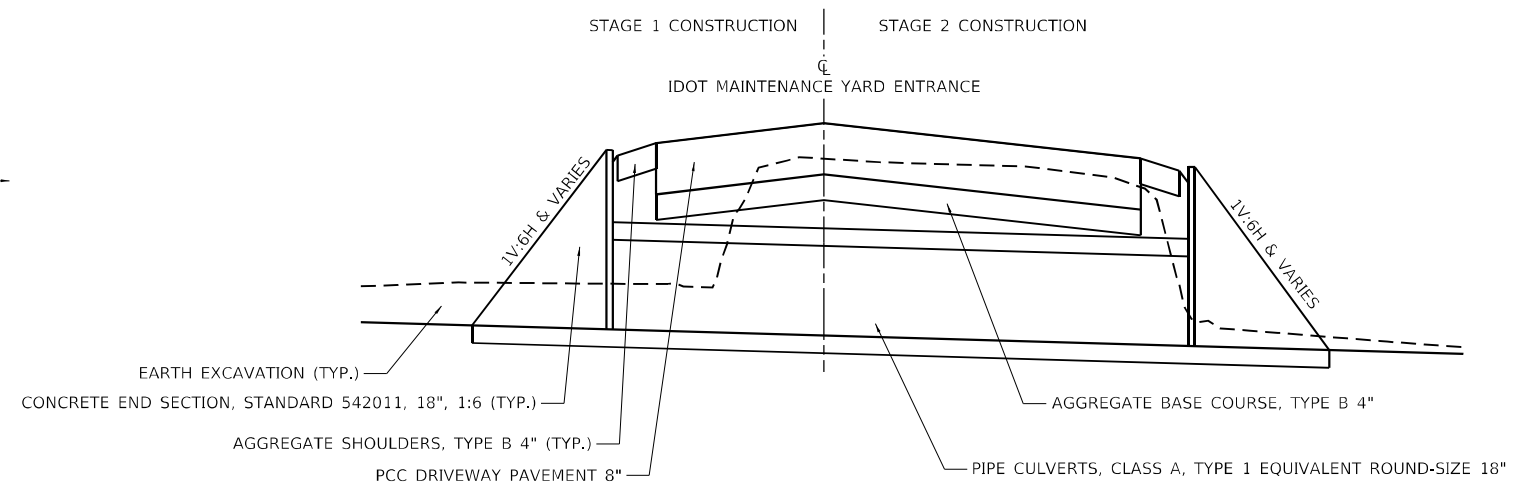
± STA. 100+50
(EXISTING FENCE LINE STA ALONG ENTRANCE CL)

IDOT MAINTENANCE ENTRANCE GATE NOTES:

1. THE FIRST GATE POST SHALL BE 2.0 FT FROM THE EDGE OF THE PCC ENTRANCE PAVEMENT.
2. THE TOTAL OPENING SHALL BE 39.0 FT WIDE.
3. THE SLOPE OF THE ENTRANCE PAVEMENT MAY BE ADJUSTED TO MEET THE MANUFACTURER'S SPECIFICATIONS AND REQUIREMENTS FOR THE NEW SLIDE GATES.
4. SEE CHAIN LINK GATE (SPECIAL) SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

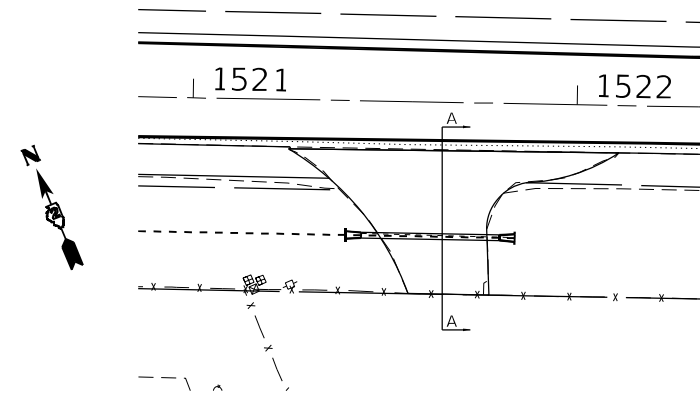
IDOT MAINTENANCE ENTRANCE NOTES:

1. THE MINIMUM FORESLOPE AT THE IDOT MAINTENANCE YARD ENTRANCE SHALL BE 1V:6H AND WILL VARY.
2. THE PROPOSED FORESLOPE WILL VARY TO PROVIDE POSITIVE DRAINAGE TO THE PROPOSED PIPE CULVERT INVERTS.
3. THE PROPOSED CROSS SLOPE IS 1.5% AND WILL VARY AT THE TRANSITIONS TO THE EXISTING US 30 EOP AND THE IDOT MAINTENANCE YARD.
4. COURSE AGGREGATE (CA 6) SHALL BE USED AS TRENCH BACKFILL. SEE PIPE CULVERTS IN SPECIAL PROVISIONS.
5. CONCRETE END SECTIONS, STANDARD 542011, 18", 1:6 ARE REQUIRED AT THE IDOT MAINTENANCE ENTRANCE.
6. ACCESS SHALL BE PROVIDED TO THE IDOT MAINTENANCE YARD DURING ALL STAGES OF CONSTRUCTION. A MINIMUM ENTRANCE WIDTH OF 15FT SHALL BE PROVIDED AT ALL TIMES.



IDOT MAINTENANCE ENTRANCE DETAIL

STA. 1520+20.23
(LOOKING SOUTH FROM US 30)
NOT TO SCALE

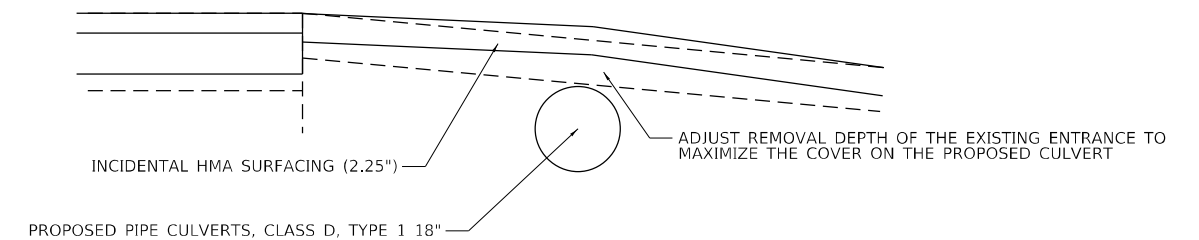


ENTRANCE DETAIL

STA. 1521+61
NOT TO SCALE

ENTRANCE NOTES:

1. SLOPED METAL END SECTIONS, STANDARD 542411, 18", 1:6 ARE REQUIRED AT THE ENTRANCE AT STA. 1521+61 RT.
2. COURSE AGGREGATE (CA 6) SHALL BE USED AS TRENCH BACKFILL. SEE PIPE CULVERTS IN SPECIAL PROVISIONS.
3. EARTH EXCAVATION INCLUDES THE GRADING AND SHAPING FOR THE PROPOSED CULVERT REPLACEMENT AND PROPOSED FLARED END SECTIONS AT THIS LOCATION.
4. THE CONTRACTOR SHALL ADJUST THE MILLING REQUIRED FOR THE PLACEMENT OF THE INCIDENTAL HMA SURFACING TO PROVIDE THE FULL THICKNESS ABOVE THE CULVERT REPLACEMENT.



SECTION A-A

NOT TO SCALE

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PLOT SCALE = 100,0000' / in.	DRAWN - DSR	REVISED -
PLOT DATE = 3/8/2022	CHECKED - WJS	REVISED -
	DATE - 03/08/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE DETAILS			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	48
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				



Luminaire Performance Table



Project Date	01/28/22		
Contract Number	64P15		
Section Number			
County	Lee		
Marked Route Number	I-88 and US-30		
Municipality	Rock Falls		
Roadway			
Lane Width	# of	Median	I.E.S. Surface
14	4	NA	R3
			Q-Zero Value
			0.7
Structure			
Mounting Height	Arm	Set-	Number of Luminaires (Highmast & Sign Lighting Only)
45 FT	6 FT	6 FT	NA
Luminaire			
Description	I.E.S. Lateral		I.E.S. Vertical Distribution
Roadway Luminaire Output Designation H	Type III		Medium
Total Light Loss Factor (LLF)	B-U-G	Shield	Dimming Protocol
0.7	U=0	NA	0-10V
Layout			
Spacing (to Nearest 5 ft)	Configuration (Opposite, Staggered, 1 Sided, or Median)		
230 FT	1 Sided		
Performance			
Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}		
0.9	3.0		
Average Luminance, L_{AVE}	Uniformity Ratio,	Uniformity Ratio, L_{MAX}/L_{MIN}	Veiling Luminance Ratio, L_v/L_{AVE}
0.6	3.5	6.0	0.3
Light Trespass			
Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW,	Max. Vertical Illuminance at ROW, E_v	
NA	NA	NA	
Notes	<p>1. Set-Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.</p> <p>2. Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.</p> <p>3. Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.</p> <p>4. Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.</p> <p>Calculations are to be performed in one direction only.</p> <p>Compliance with performance criteria shall be held to one significant digit.</p> <p>Initial lumens of the proposed luminaire may vary from the values specified in the table given in Article 1067.06 of the BDE Special Provisions for Luminaire, LED</p>		
Printed 01/28/22	BDE 5630 (04/10/19)		

SUMMARY OF QUANTITIES			QUANTITY
PAY ITEM	DESCRIPTION	UNIT	TOTALS
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
82500340	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 480VOLT, 60AMP	EACH	1
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	10
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1
X1400267	REMOVAL OF LIGHTING LUMINAIRE, NO SALVAGE	EACH	10

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	DRAWN - IDOT	REVISED -
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PLOT DATE = 3/8/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

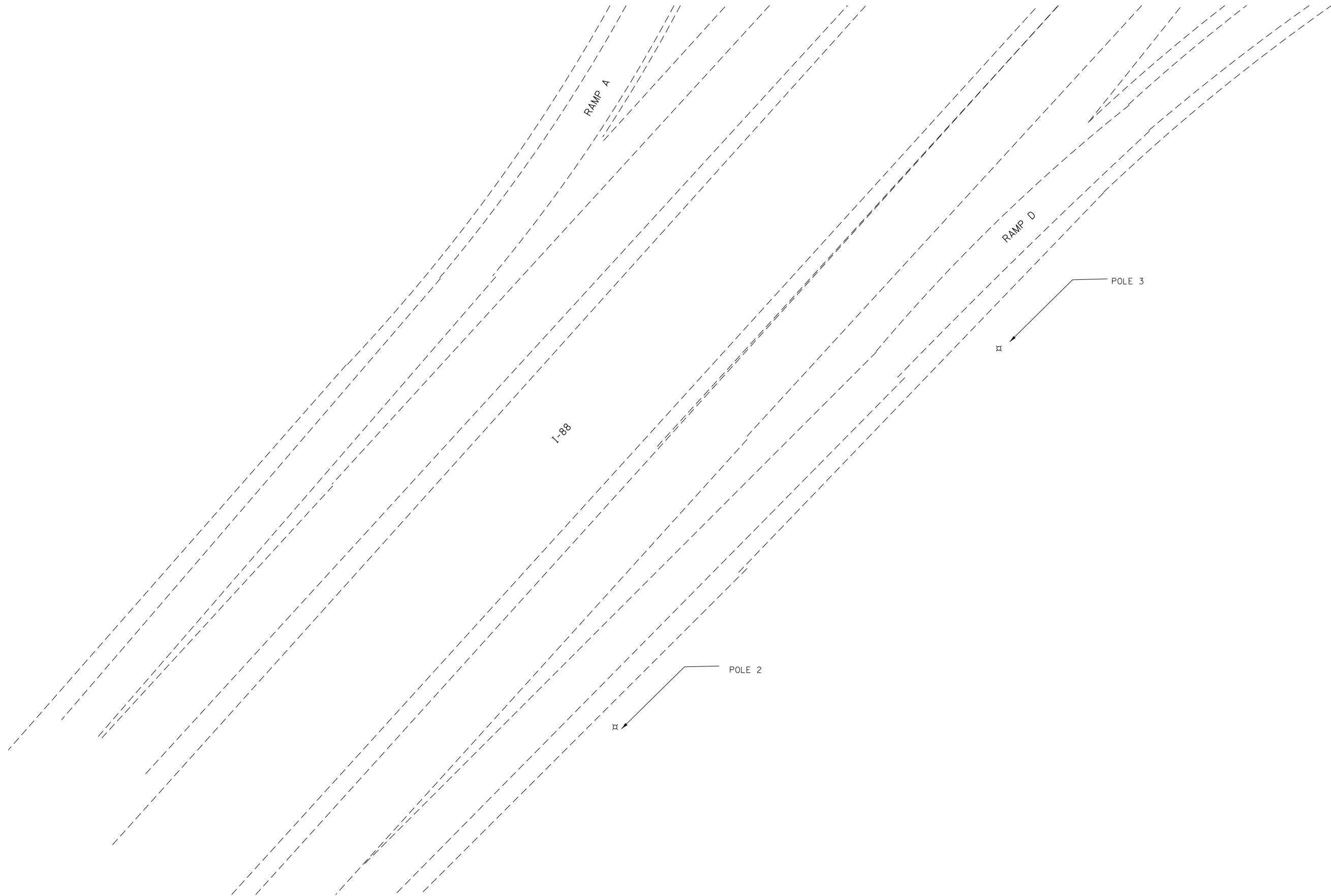
LIGHTING DETAILS

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	11RS-6	WHITESIDE	65	49
			CONTRACT NO. 64P15	
		ILLINOIS	FED. AID PROJECT	

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*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

USER NAME = drunoll	DESIGNED - IDOT	REVISED -
	DRAWN - IDOT	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/8/2022	DATE -	REVISED -

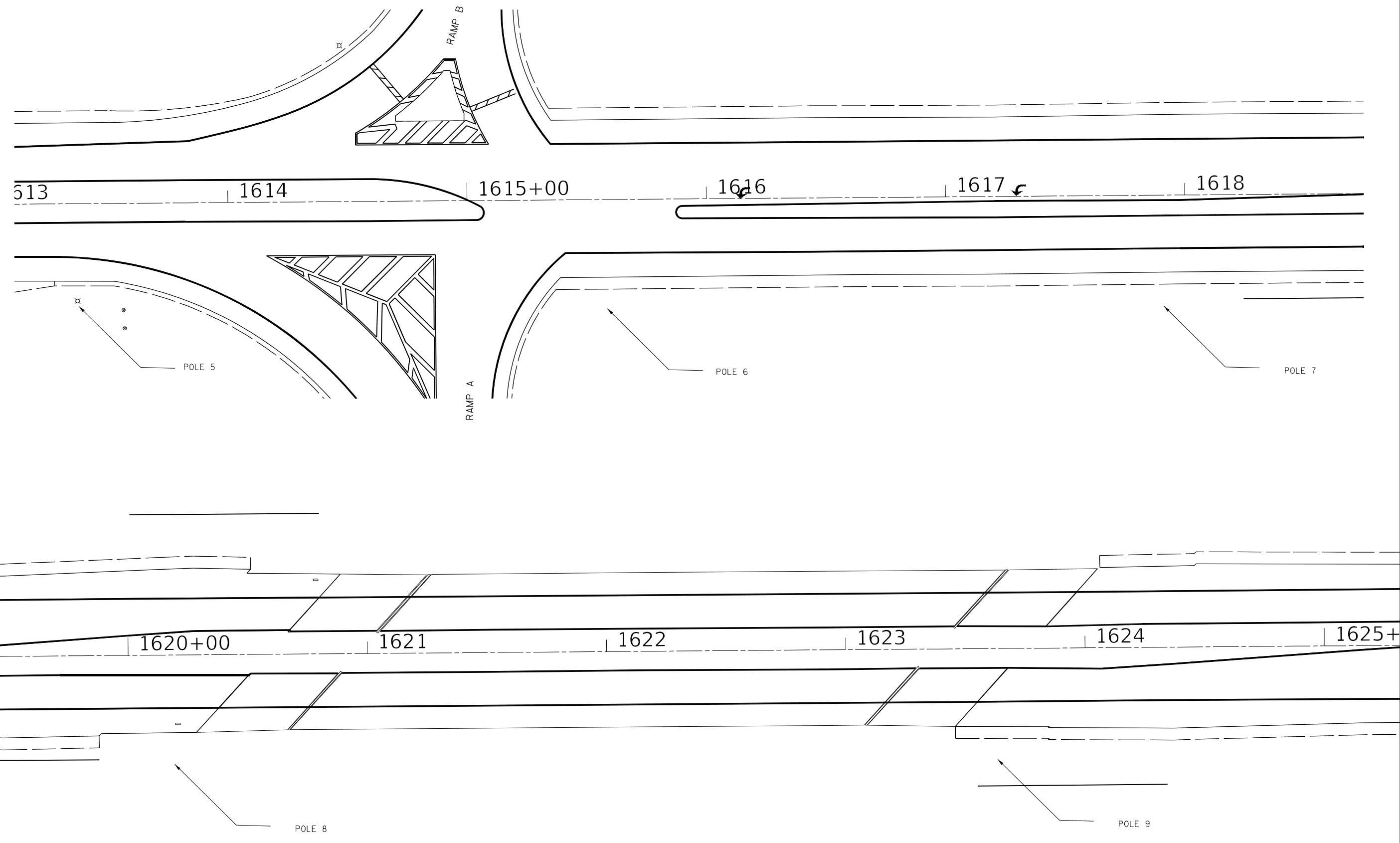
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LIGHTING DETAILS

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	11RS-6	WHITESIDE	65	50
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

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USER NAME = drunroll	DESIGNED - IDOT	REVISED -
DRAWN - IDOT	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/8/2022	DATE -	REVISED -

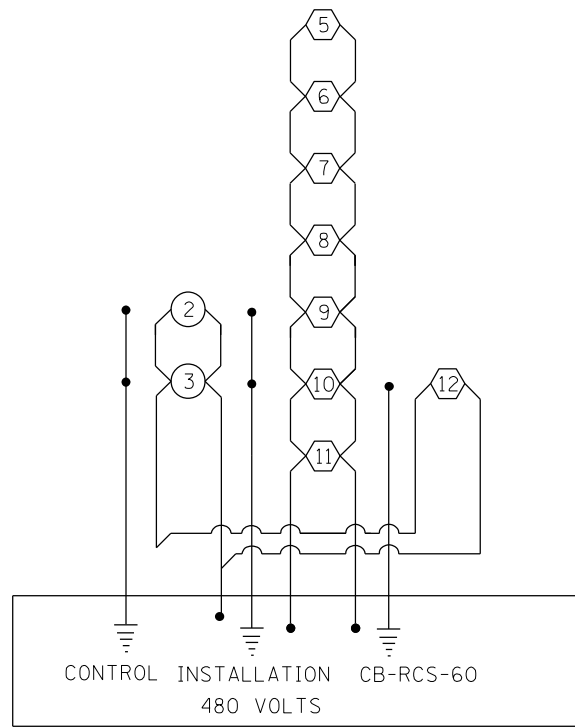
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

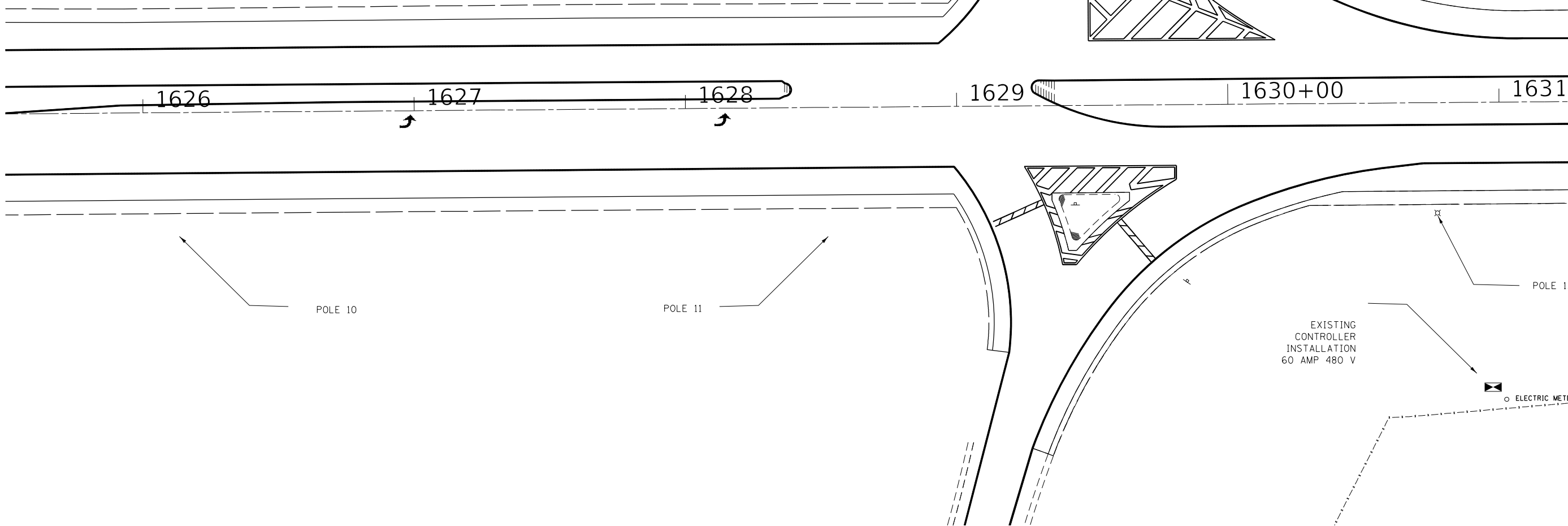
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	11RS-6	WHITESIDE	65	51
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

NOTE EXISTING LIGHTING INCLUDES
 CONTROLLER TYPE CB RCS-60-480
 ELECTRIC CABLE UNIT DUCK, 2-600 VXL P #6
 1" POLYETHYLENE
 ELECTRIC CABEL IN CONDUIT 600 VXL P -
 TYPE USED 1/C NO. 6



EXISTING
 POLES 1 AND 4
 HAVE BEEN REMOVED



MODEL: D:\p4\h
 FILE NAME: P:\2023\11\NO10_64P15_US_30_Rock_Falls_PSE\64P15_Section_111RS-6\CAD_Sheets\ID2_64P15_sht-light.dgn

USER NAME = drunroll	DESIGNED - IDOT	REVISED -
DRAWN - IDOT	REVISIED -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/8/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LIGHTING DETAILS

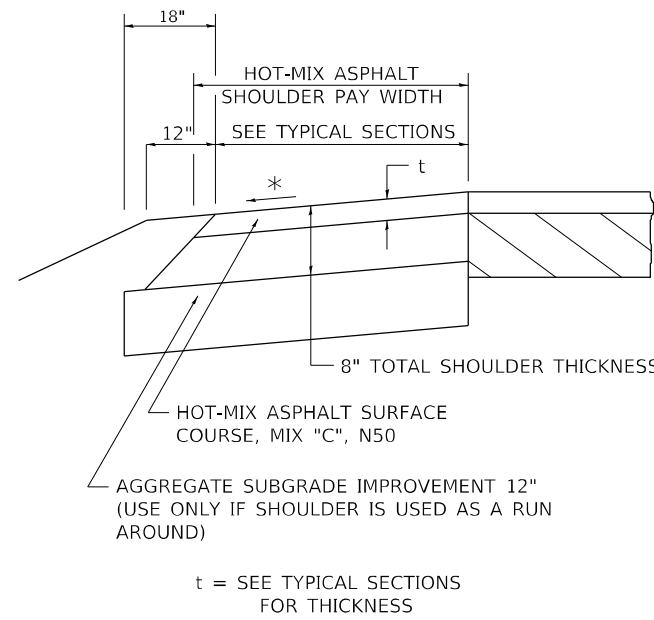
SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

*FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	11RS-6	WHITESIDE	65	52
				CONTRACT NO. 64P15

ILLINOIS FED. AID PROJECT

HOT-MIX ASPHALT SHOULDER



GENERAL NOTES

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

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS, THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

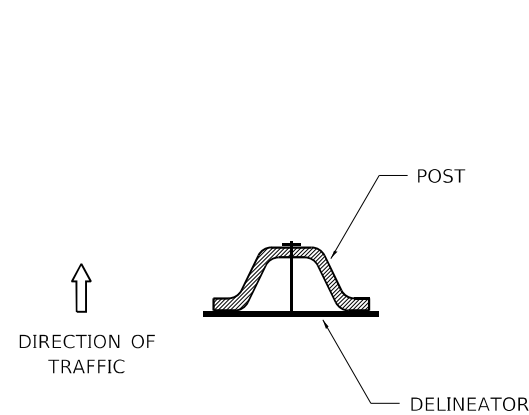
REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

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

REVISED - 1-05-16
REVISED - 3-13-13

HOT-MIX ASPHALT SHOULDER 22.4

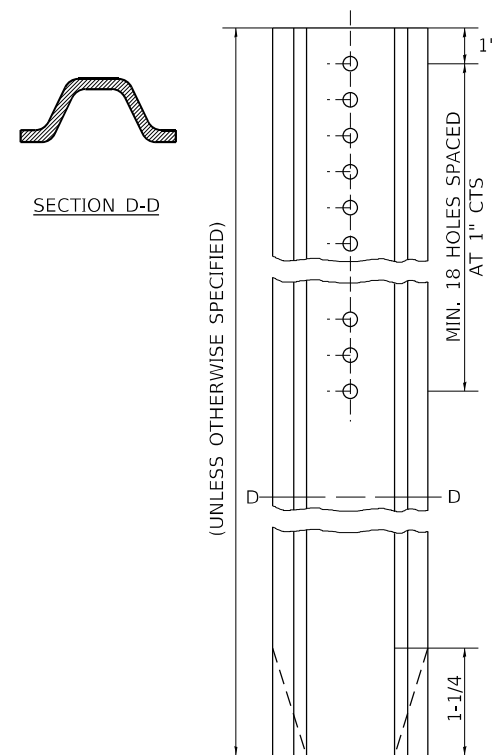
DELINEATOR AND POST ORIENTATION



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

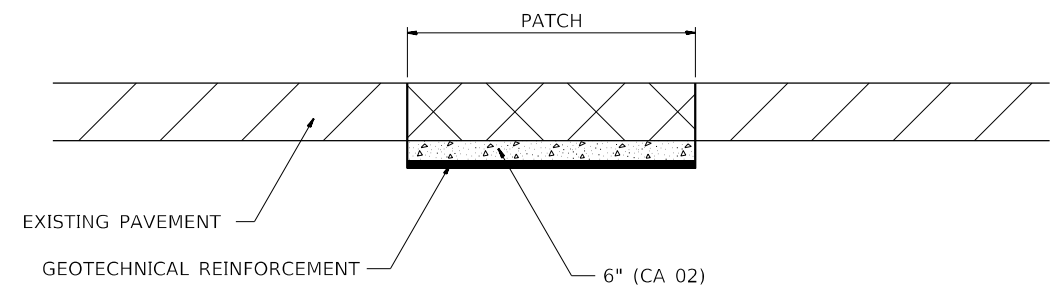
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11



DELINEATOR AND POST ORIENTATION 37.4

SUBGRADE REPLACEMENT



NOTES:

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

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

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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-13-13

SUBGRADE REPLACEMENT 97.4

MODEL: D:\p4\1111\NO10 64P15 US 30 Rock Falls PSE\64P15 Section 111RS-6\CAD Sheets\111RS-6\15-shc-district.dgn

BA BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS - LAND SURVEYORS
1910 WEST LAFALETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4140 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME = drunoll	DESIGNED - DSR	REVISED -
	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

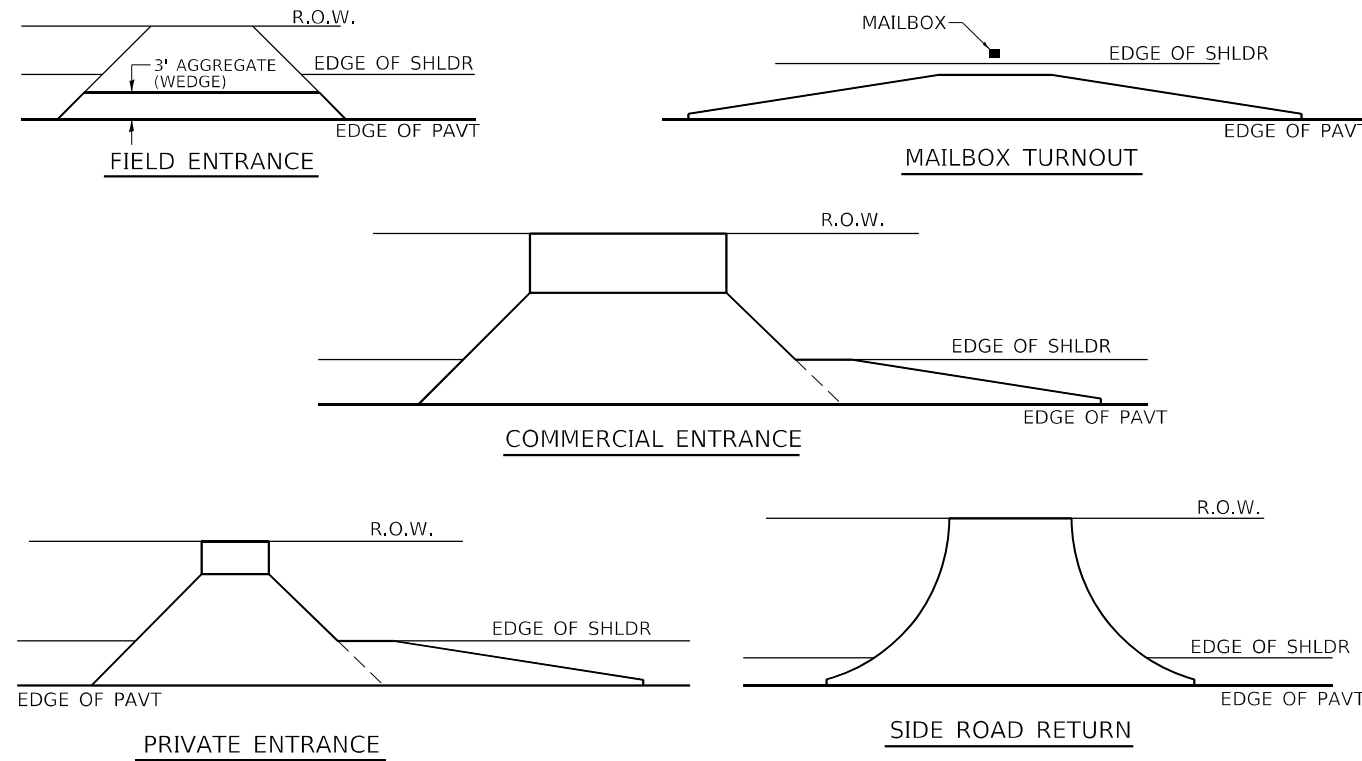
REGION 2 / DISTRICT 2 STANDARD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	53
			CONTRACT NO. 64P15	
		ILLINOIS	FED. AID PROJECT	

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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

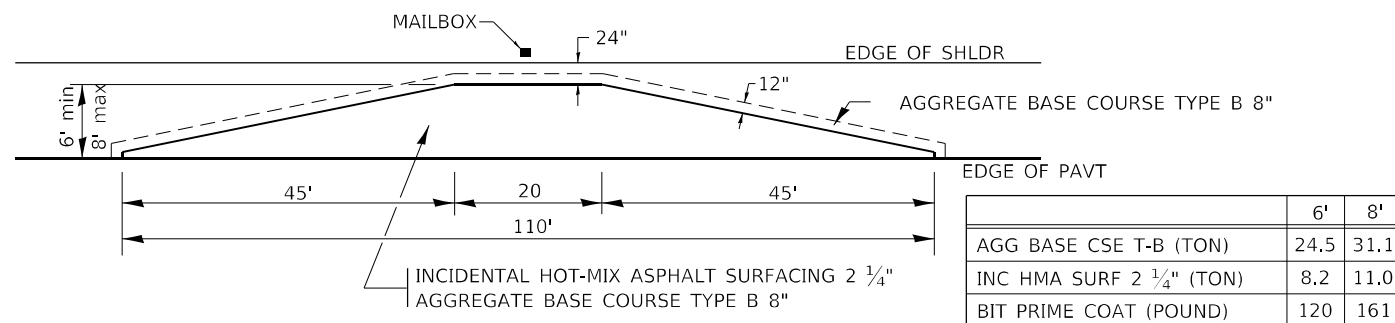


NOTE: EXISTING HMA PE's, CE's, SR's, & MB TURNOUTS
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on entrance to conform to the existing configuration.

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.



REVISED - 1-05-16
REVISED - 7-21-15
REVISED - 6-27-14
REVISED - 10-21-08

HOT-MIX ASPHALT APPROACHES & MAILBOX RETURNS FOR TWO LIFT (3P) RESURFACING PROJECTS 47.2

BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS - LAND SURVEYORS
1910 WEST LAFFETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4140 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000832

USER NAME = drunroll	DESIGNED - DSR	REVISED -
	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

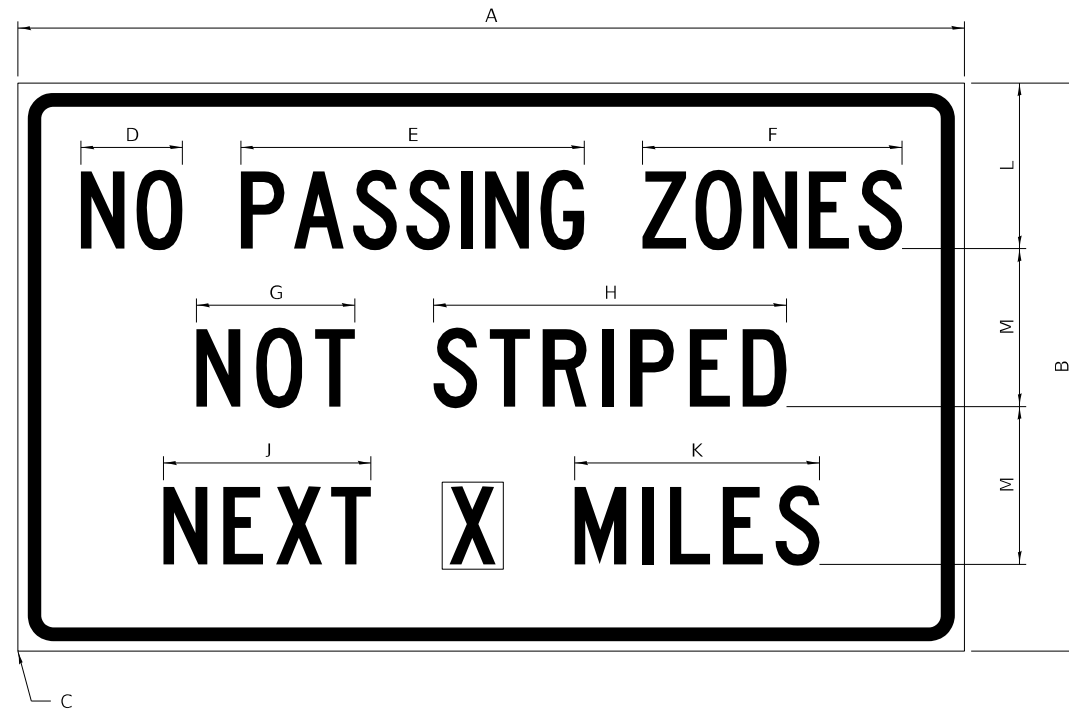
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	54
CONTRACT NO. 64P15				
ILLINOIS FED. AID PROJECT				

MODEL: D:\p4\h... FILE NAME: P2020E341\11010 64P15 US 30 Rock Falls PSE64P15 Section 111RS-6.CAD Sheets\0264P15-shc-district_detail.dgn

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



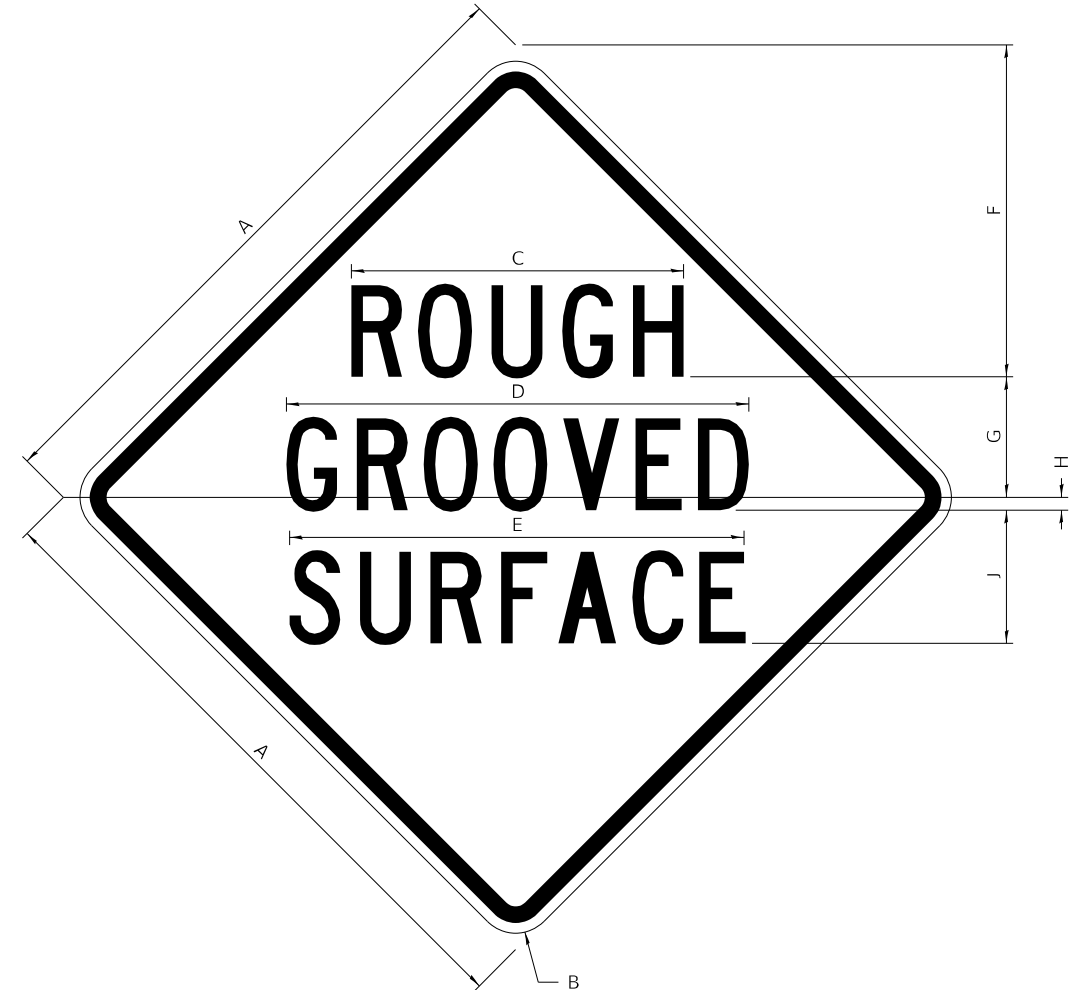
COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
 BACKGROUND ORANGE REFLECTORIZED

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

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

Sign not to scale

ILLINOIS STANDARD W8-I107



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
 BACKGROUND ORANGE REFLECTORIZED

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

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

Sign not to scale

GENERAL NOTES

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

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

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

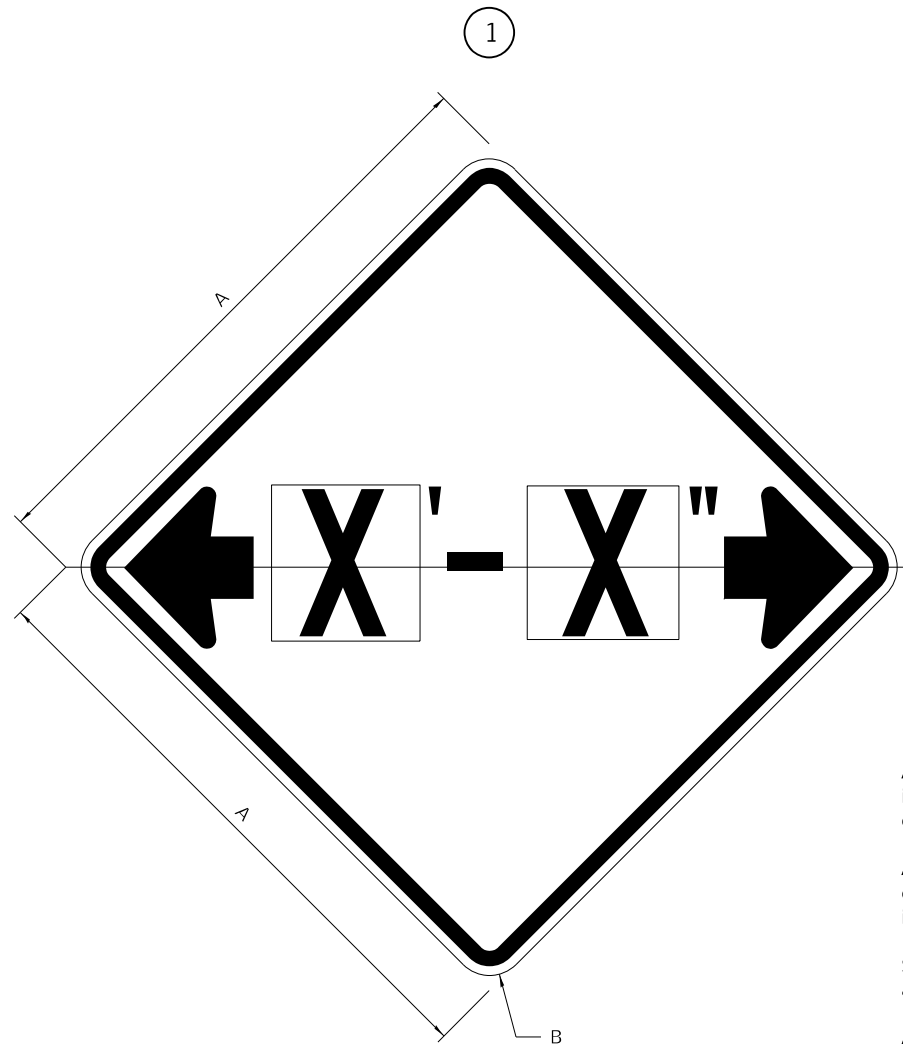
All dimensions are in inches unless otherwise noted.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

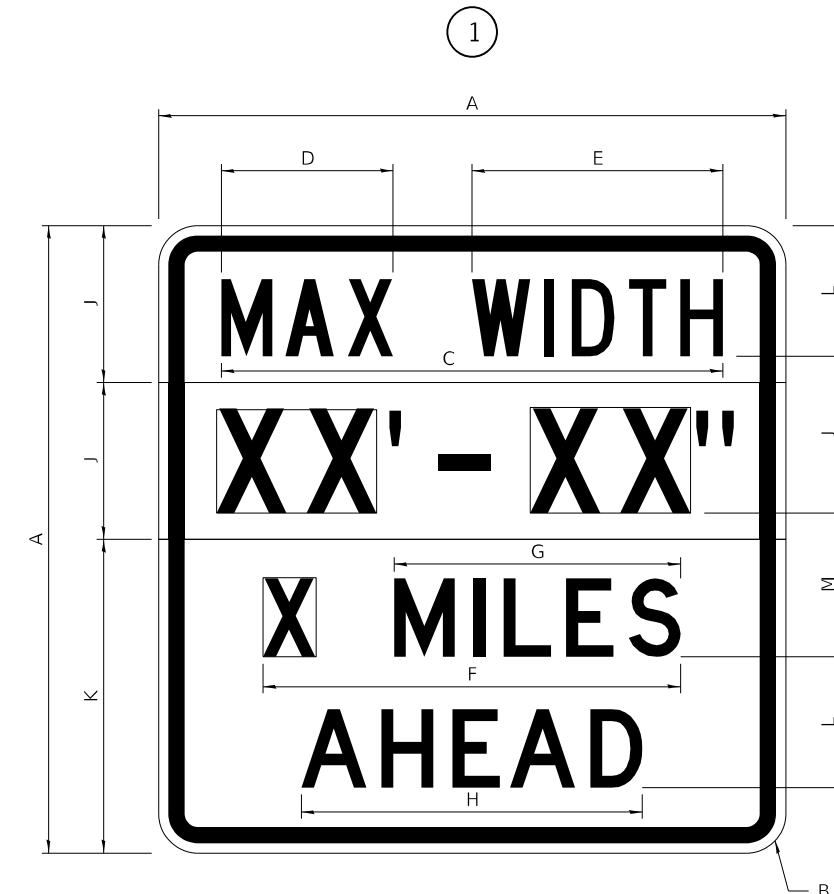
BENTON & ASSOCIATES, INC. 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62555 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll DESIGNED - DSR CHECKED - WJS DATE - 03/08/2022	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. * 111RS-6 WHITESIDE 65 55 CONTRACT NO. 64P15
	PLOT SCALE = 100,0000' / in. PLOT DATE = 3/8/2022	SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.			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 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

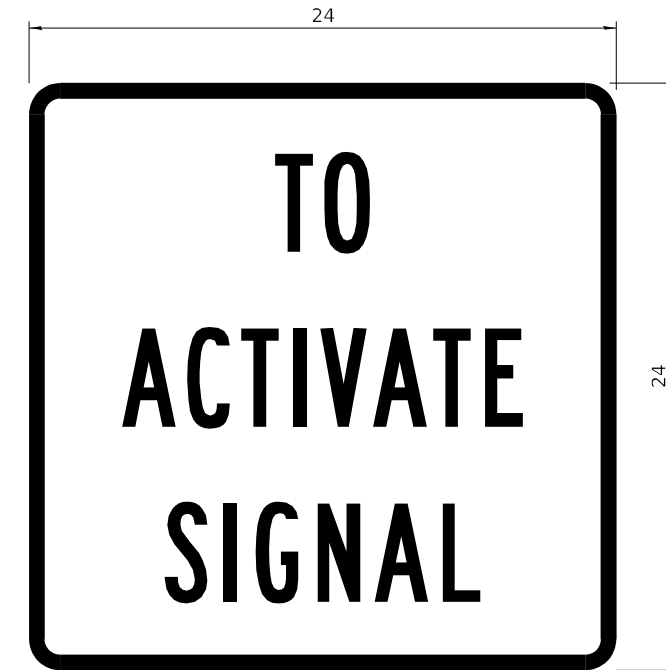
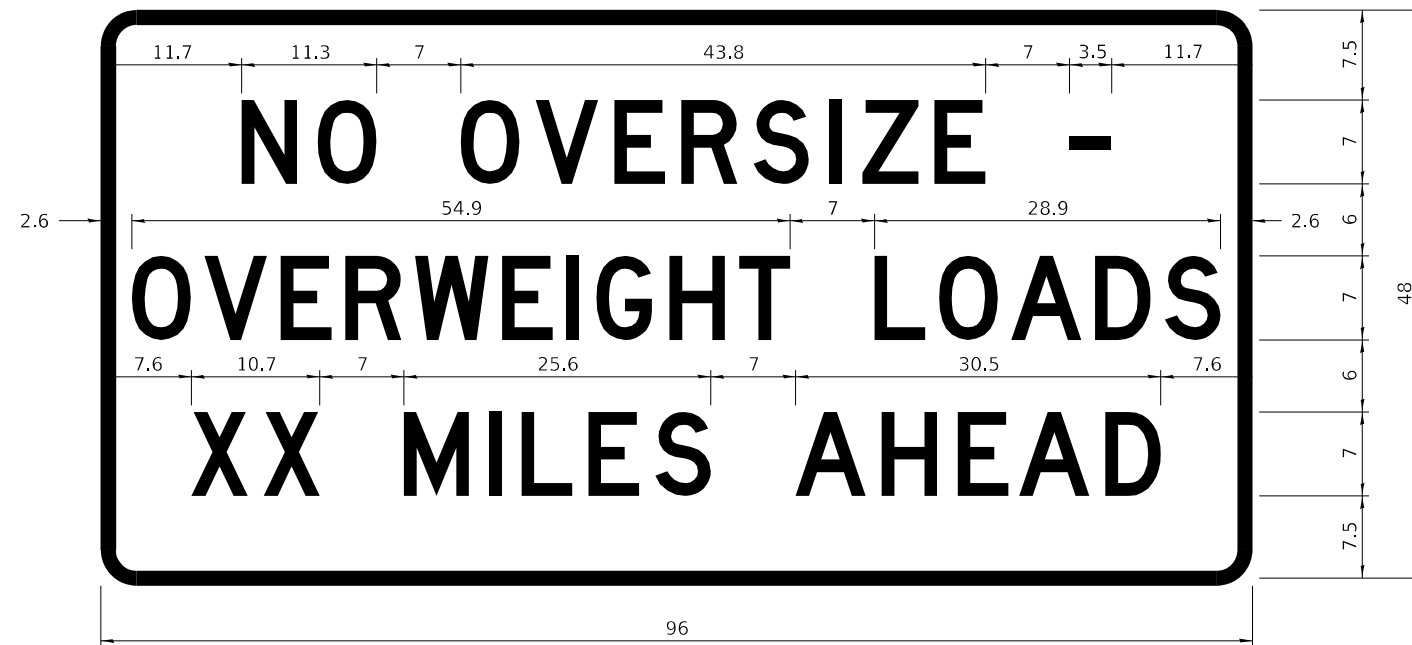
XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE * FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

BENTON & ASSOCIATES, INC. 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62555 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll DESIGNED - DSR CHECKED - WJS PLOT DATE = 3/8/2022	FALLS PSE/64P15 Section 111RS-6/CAD Sheets/D264P15 DRAWN details.dgn DSR DATE - 03/08/2022	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.	F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. * 111RS-6 WHITESIDE 65 56 CONTRACT NO.	ILLINOIS FED. AID PROJECT
	WORK ZONE SIGN DETAILS SHEET 2 OF 4 34.1							

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS

STOP LINE SIGN FOR TEMPORARY SIGNALS



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

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

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

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

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

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

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

Sign not to scale

Sign not to scale

GENERAL NOTES

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

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

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

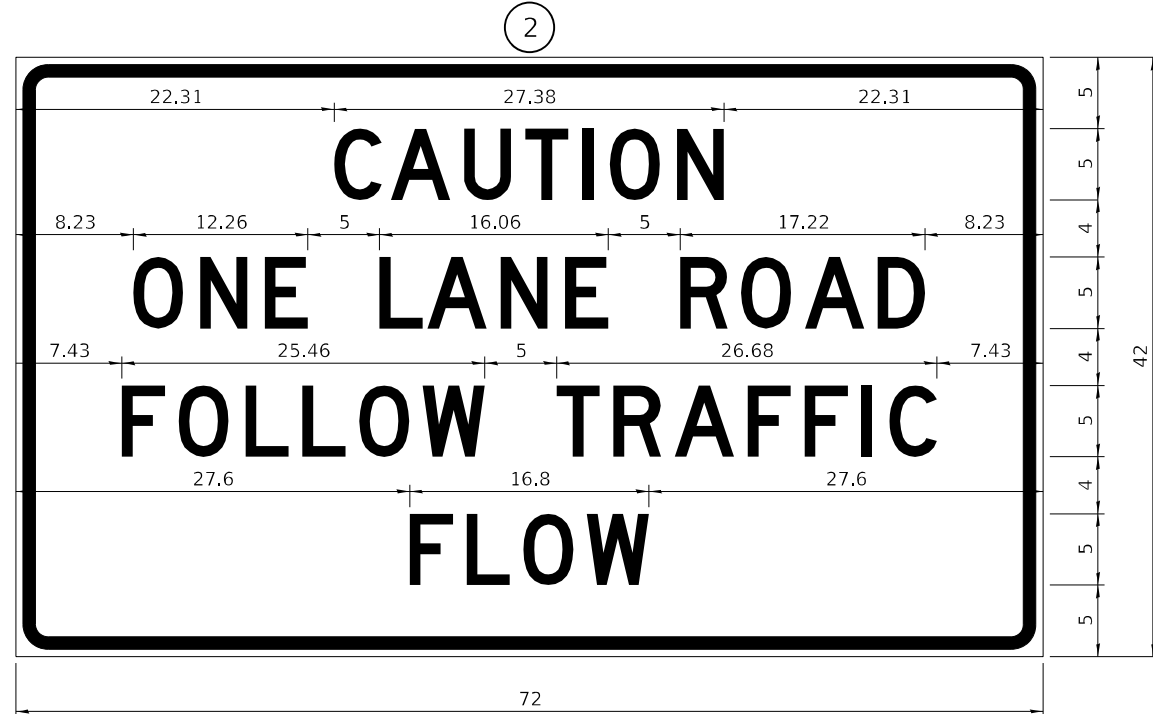
All dimensions are in inches unless otherwise noted.

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

BENTON & ASSOCIATES, INC. 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62550 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll DESIGNED - DSR CHECKED - WJS PLOT DATE = 3/8/2022	DESIGNED - DSR CHECKED - WJS DATE - 03/08/2022	REVISED - 3-02-16 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE:	SHEET 3 OF 4 SHEETS	STA. TO STA.	F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.	111RS-6 WHITESIDE 65 57	CONTRACT NO. 64P15	ILLINOIS FED. AID PROJECT
	WORK ZONE SIGN DETAILS SHEET 3 OF 4 34.1											

**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	0.62	A	0.94	U	0.94	T	0.94	I	1.17	O	1.17	N	3.36	22.31
-------	---	------	---	------	---	------	---	------	---	------	---	------	---	------	-------

8.23	O	1.17	N	1.18	E
------	---	------	---	------	---

5.00	L	0.31	A	0.94	N	1.17	E
------	---	------	---	------	---	------	---

5.00	R	0.93	O	0.94	A	0.93	D	8.23
------	---	------	---	------	---	------	---	------

7.43	F	0.94	O	1.17	L	0.94	L	0.94	O	3.51	0.94	W	4.37
------	---	------	---	------	---	------	---	------	---	------	------	---	------

5.00	T	0.94	R	0.94	A	0.93	F	0.94	F	0.94	I	1.18	C	7.43
------	---	------	---	------	---	------	---	------	---	------	---	------	---	------

27.60	F	0.94	L	0.94	O	0.93	W	27.60
-------	---	------	---	------	---	------	---	-------

Sign not to scale

GENERAL NOTES

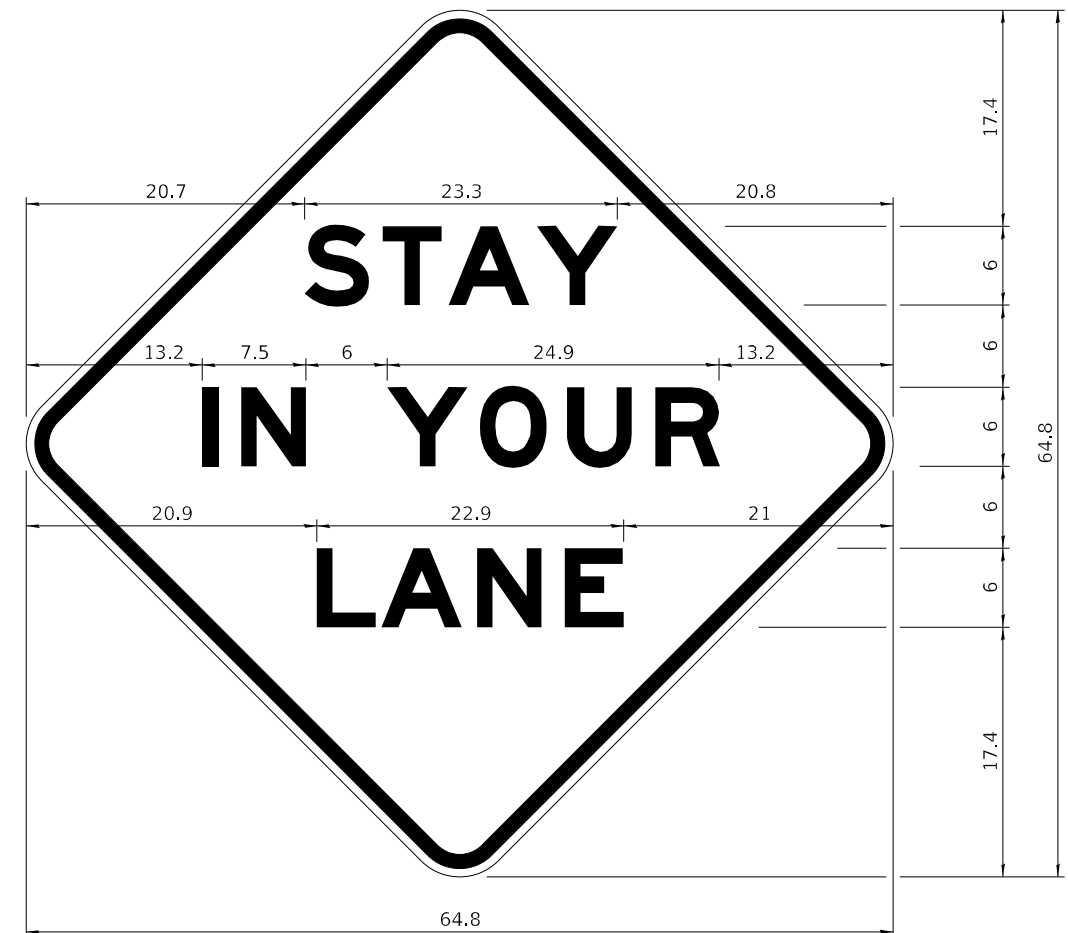
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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



USER NAME = drunoll	DESIGNED - DSR	REVISED -
Falls PSE/64P15 Section 111RS-6/CAD Sheets/D264P15	DRAWN details.dgn	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

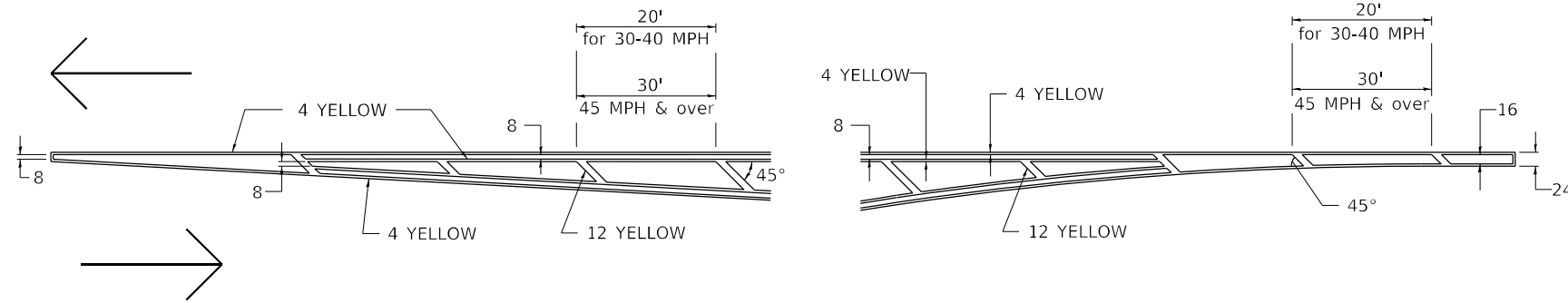
REGION 2 / DISTRICT 2 STANDARD

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

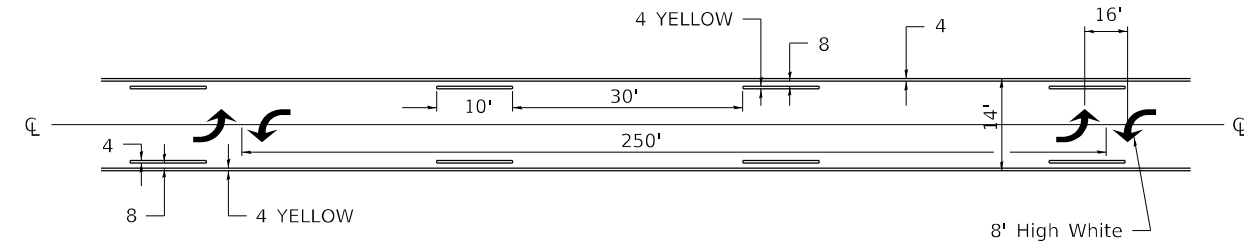
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	58
CONTRACT NO. 64P15			ILLINOIS FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

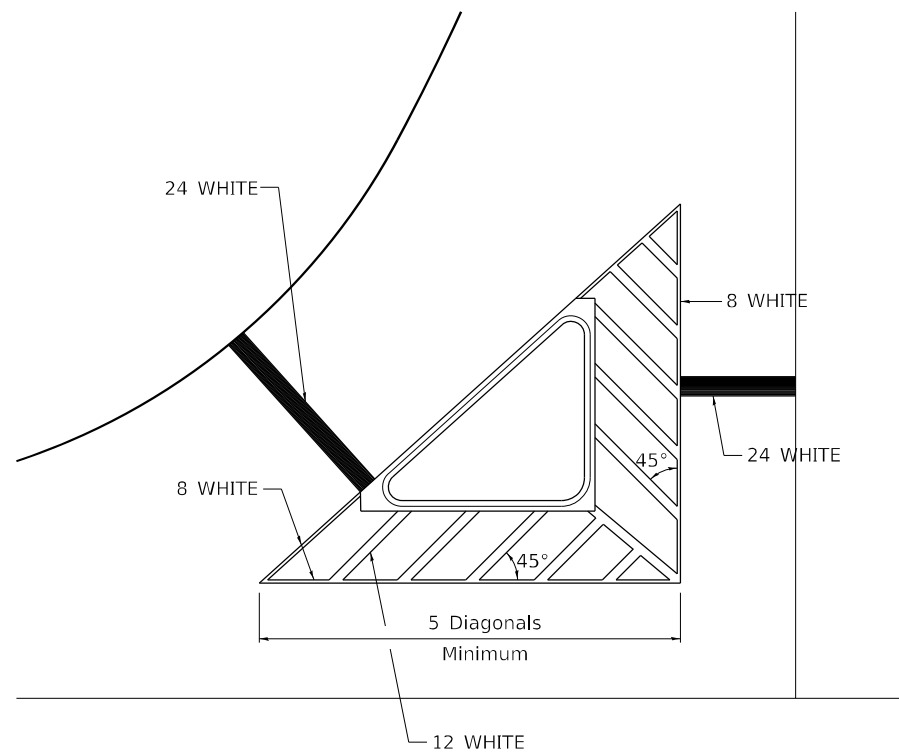


MEDIAN PAVEMENT MARKING



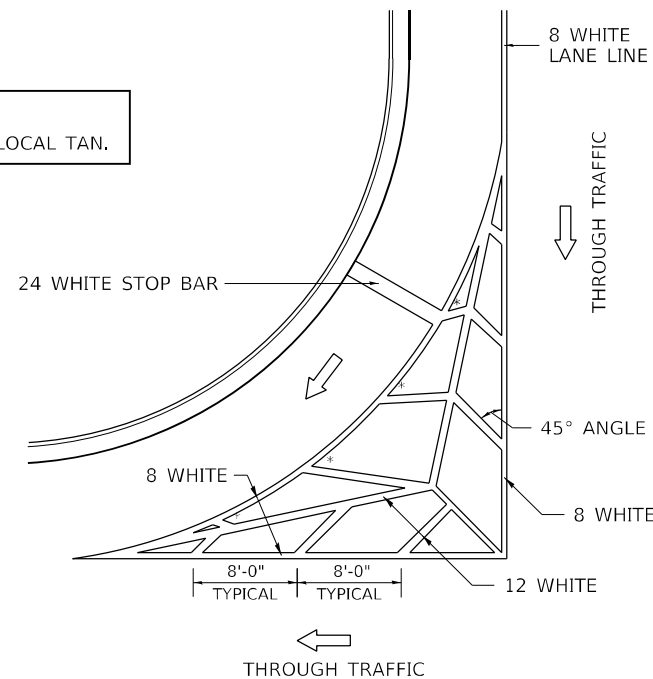
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



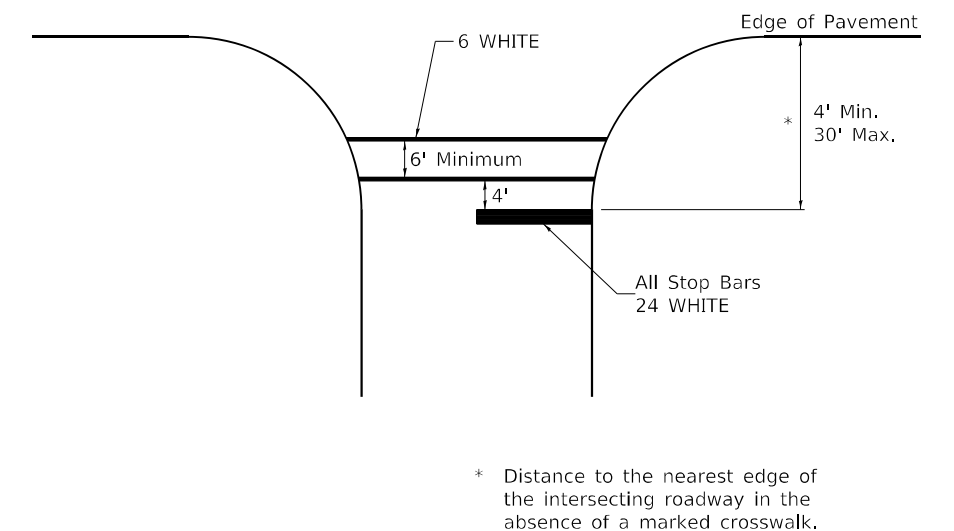
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations

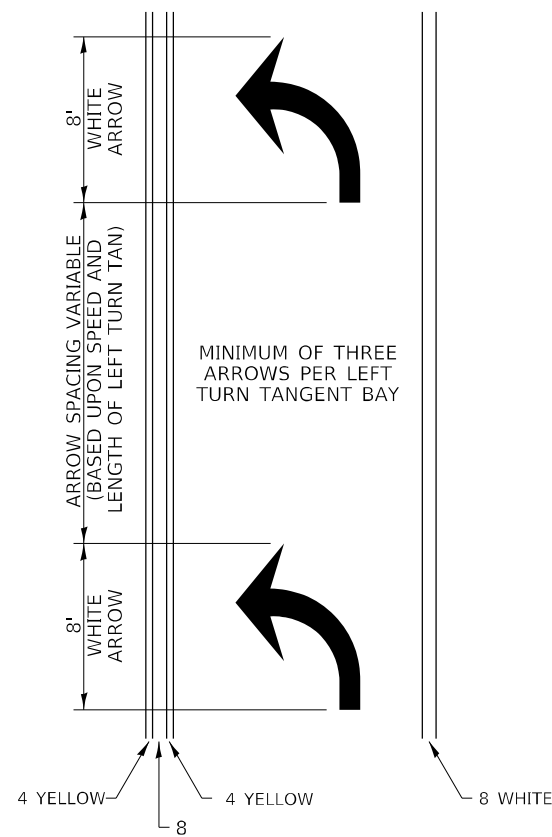


* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

BENTON & ASSOCIATES, INC. 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62550 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll FALLS PSE/64P15 Section 111RS-6/CAD Sheets/D264P15	DESIGNED - DSR CHECKED - WJS DATE - 03/08/2022	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. * 111RS-6 WHITESIDE 65 59 CONTRACT NO. 64P15	SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT
	PLOT SCALE = 100,0000' / in. PLOT DATE = 3/8/2022	* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)	ILLINOIS FED. AID PROJECT					

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

6 at 40' O.C. APPROACH SIDE ONLY

See Typical Drawing at right

40' O.C.

4'

6' MINIMUM

20' O.C.

8 WHITE

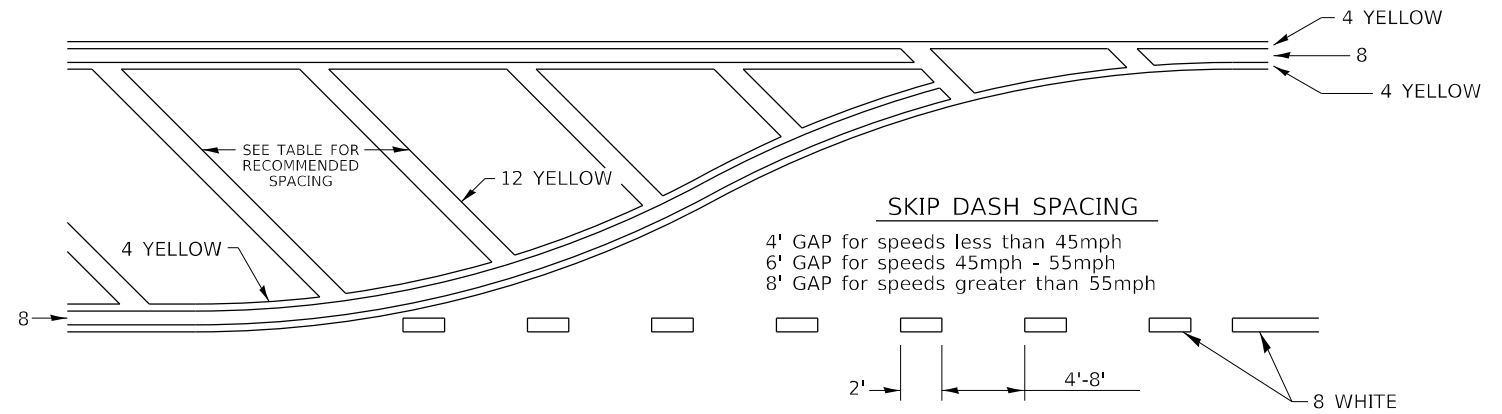
12 WHITE

8 WHITE

See Typical Drawing above

6 at 40' O.C. APPROACH SIDE ONLY

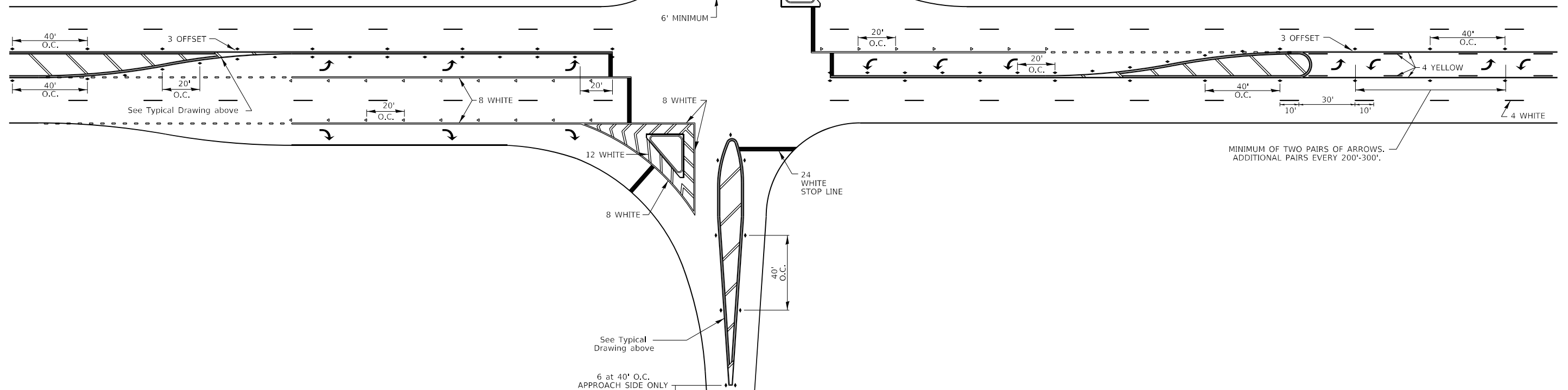
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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'

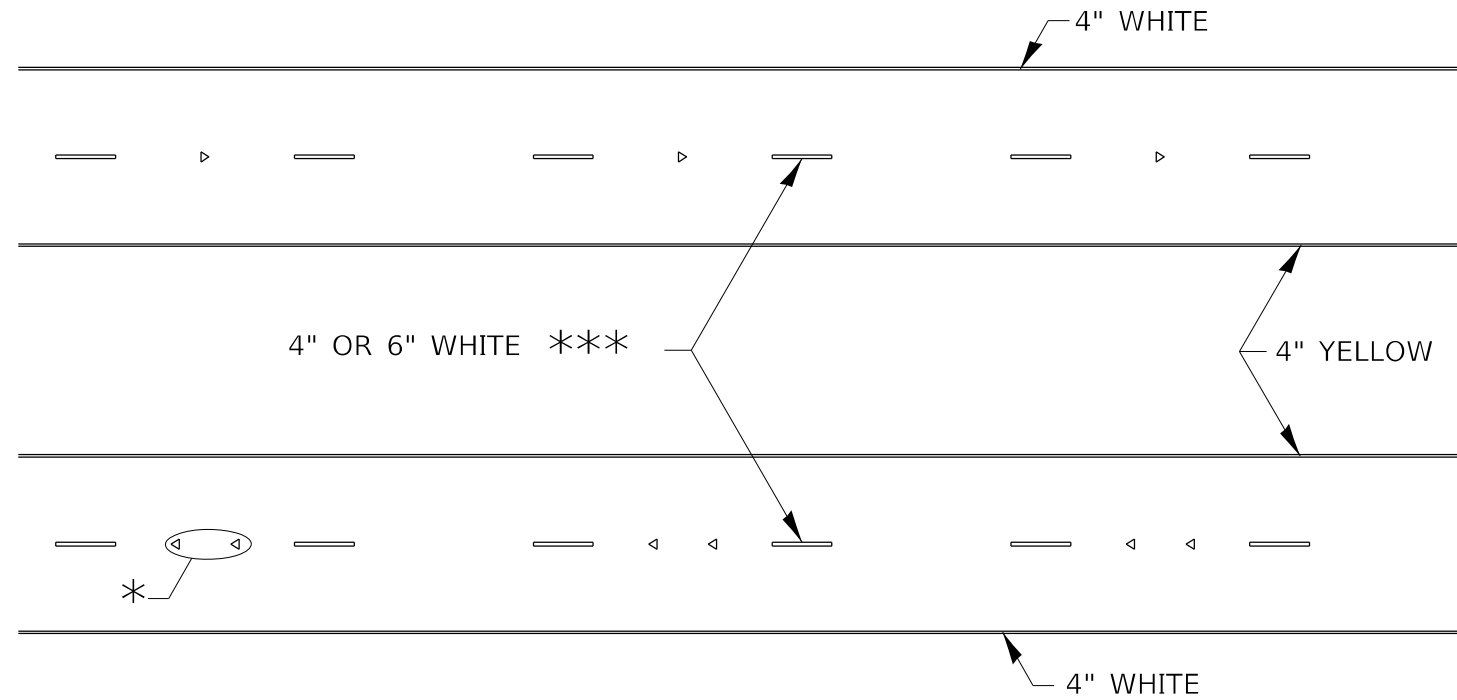
NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

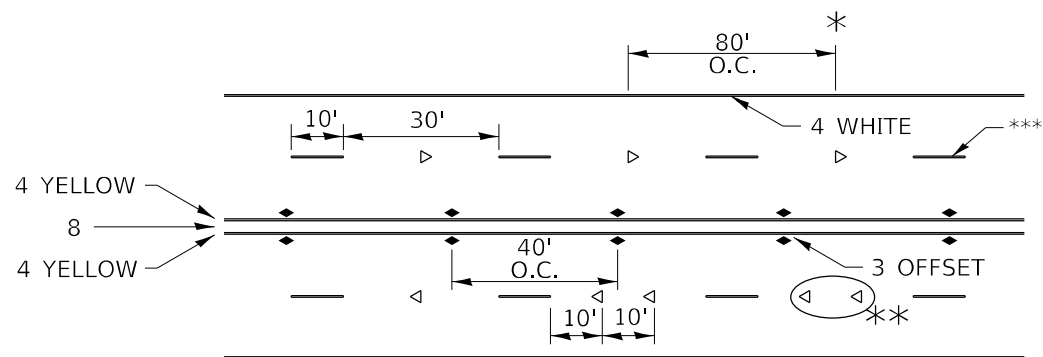
 BENTON & ASSOCIATES, INC. 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62650 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = druholl	DESIGNED - DSR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	Falls PSE/64P15 Section 111RS-6/CAD Sheets/D264P15	DRAWN details.dgn	DSR		REVISED -	111RS-6	WHITESIDE	65	60		
	PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -		CONTRACT NO. 64P15	ILLINOIS	FED. AID PROJECT				
	PLOT DATE = 3/17/2022	DATE - 03/08/2022	REVISED -		SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.						

TYPICAL PAVEMENT MARKINGS



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

MULTI-LANE / DIVIDED



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

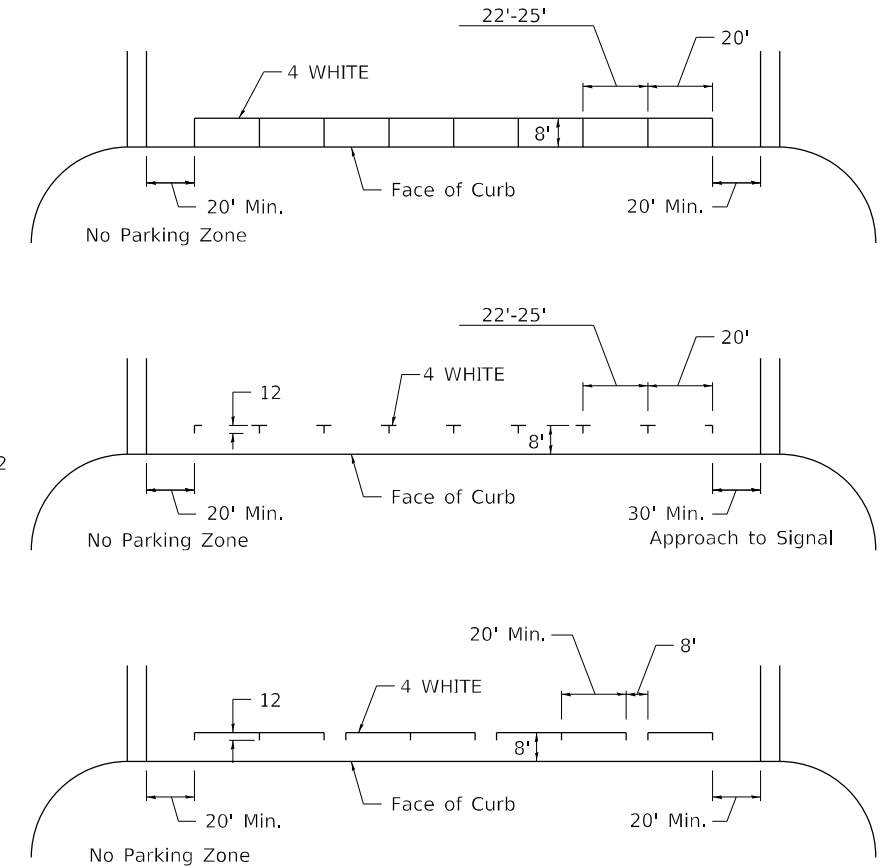
** USE DOUBLE MARKERS WHEN ADT \geq 20,000

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

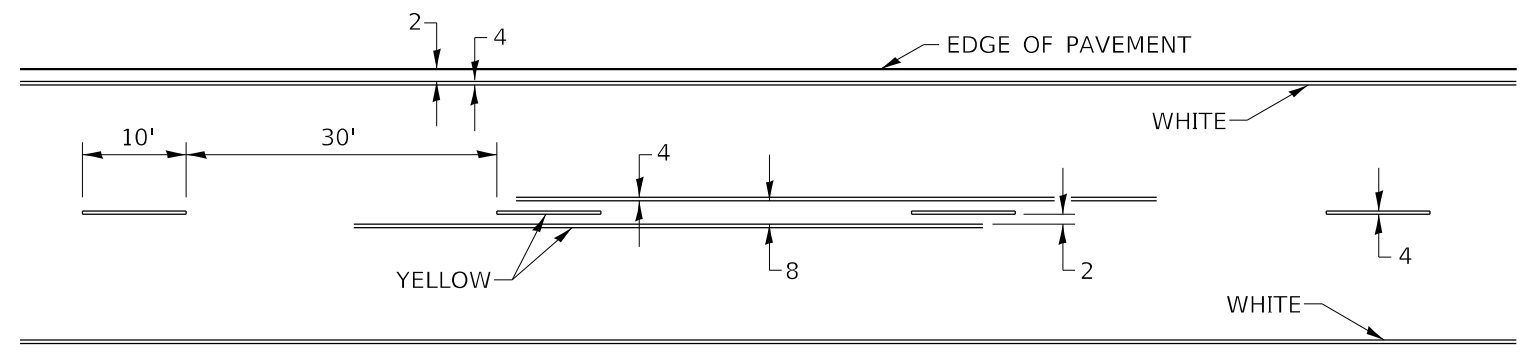
MULTI-LANE / UNDIVIDED & ONE WAY

(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



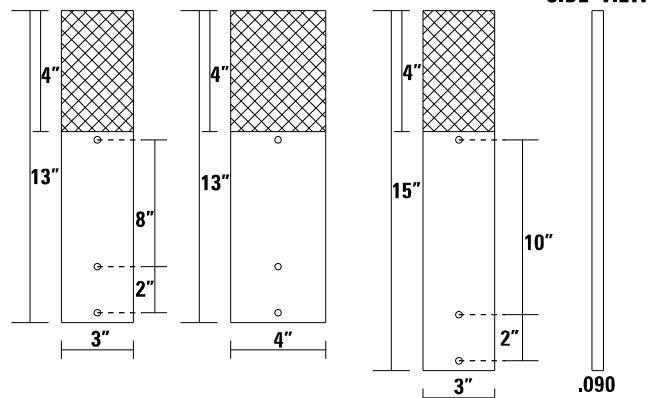
SYMBOLS

BENTON & ASSOCIATES, INC. 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62955 PHONE: 217-245-4140 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000832	USER NAME = drunoll DESIGNED - DSR CHECKED - WJS PLOT DATE = 3/8/2022	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE:	SHEET 3 OF 3 SHEETS	STA. TO STA.	F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.	* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30) 111RS-6 WHITESIDE 65 61
	CONTRACT NO. 64P15 ILLINOIS FED. AID PROJECT								

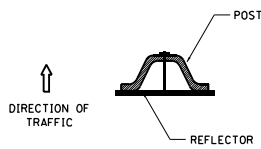
APPENDIX A

GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

STRAIGHT GUARDRAIL /DELINEATOR REFLECTOR



SIDE VIEW

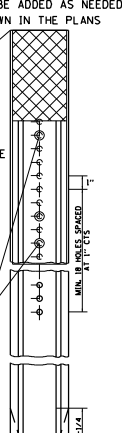


ADDITIONAL SHEETING MAY BE ADDED AS NEEDED FOR TURN AROUNDS AS SHOWN IN THE PLANS

TOP OF REFLECTOR PLACED FLUSH WITH TOP OF POST UNLESS DOUBLE SIDED REFLECTOR IS CALLED FOR, THEN REFLECTOR SHALL BE PLACED SUCH THAT THE REFLECTOR IS ABOVE THE TOP OF THE POST AND VISIBLE.

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

10/24 X 1-1/2" BOLTS W/ WASHERS AND NUT (ADDITIONAL HOLES MAY BE DRILLED AS NEEDED)



REFLECTORS MAY BE MOUNTED DIRECTLY TO METAL, WOOD OR PLASTIC BLOCK OUTS OR DELINEATOR POST.

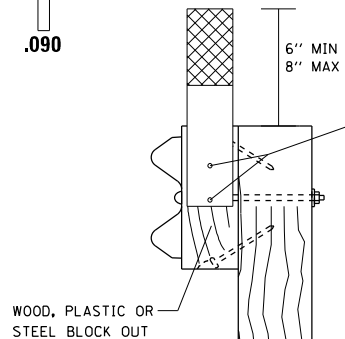
IF MOUNTED ON WOODEN OR PLASTIC BLOCK OUT THE REFLECTORS SHALL BE MOUNTED USING TWO 16 DG NAILS AND TWO 3/16" WASHERS OR TWO 2-1/2" GALVANIZED SCREWS.

IF MOUNTED ON METAL BLOCK OUT THE REFLECTORS SHALL BE MOUNTED USING AN APPROVED BONDING AGENT PER THE MANUFACTURES SPECIFICATIONS OR, TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

MAY BE MOUNTED TO DELINEATOR POST USING TWO 1/4 X 1-1/2" BOLTS WITH NUTS AND WASHERS.

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

REFLECTORS MOUNTED ON GUARDRAIL SHALL BE 4" WIDE. REFLECTORS MOUNTED ON DELINEATOR POST SHALL BE 3" WIDE.



WOOD, PLASTIC OR STEEL BLOCK OUT

MOUNTED ON BLOCK OUT

MOUNTED ON DELINEATOR POST

TWO 16 DG NAILS W/ WASHERS ON WOOD OR PLASTIC BLOCK OUT OR TWO 2-1/2" GALVANIZED SCREWS OR, AN APPROVED BONDING AGENT OR TWO SELF TAPPING SCREWS FOR METAL BLOCK OUT ACCORDING TO MANUFACTURE'S SPECIFICATIONS

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

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS SHALL BE SINGLE SIDED.

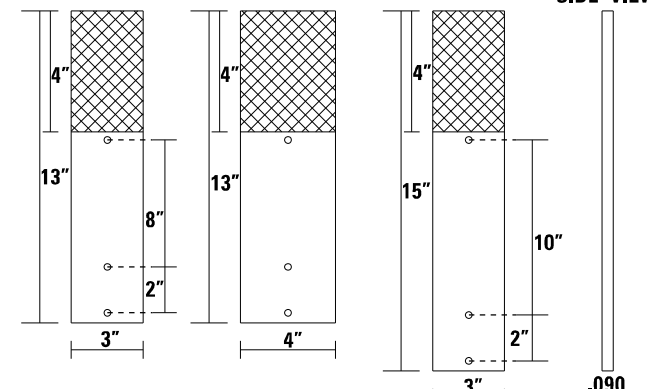
SHEETING COLOR SHALL BE CALLED OUT IN THE PLANS.

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

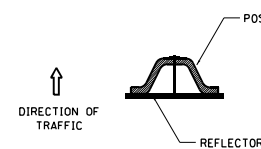
APPENDIX A

GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

STRAIGHT GUARDRAIL /DELINEATOR REFLECTOR



SIDE VIEW

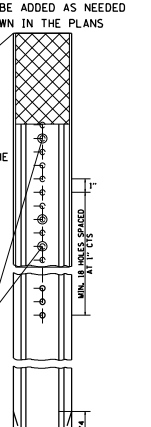


ADDITIONAL SHEETING MAY BE ADDED AS NEEDED FOR TURN AROUNDS AS SHOWN IN THE PLANS

TOP OF REFLECTOR PLACED FLUSH WITH TOP OF POST UNLESS DOUBLE SIDED REFLECTOR IS CALLED FOR, THEN REFLECTOR SHALL BE PLACED SUCH THAT THE REFLECTOR IS ABOVE THE TOP OF THE POST AND VISIBLE.

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

10/24 X 1-1/2" BOLTS W/ WASHERS AND NUT (ADDITIONAL HOLES MAY BE DRILLED AS NEEDED)



REFLECTORS MAY BE MOUNTED DIRECTLY TO METAL, WOOD OR PLASTIC BLOCK OUTS OR DELINEATOR POST.

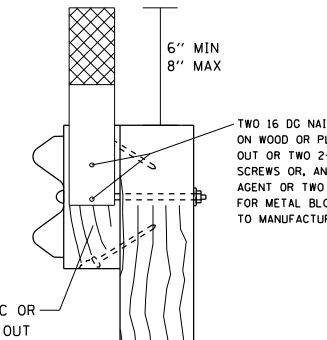
IF MOUNTED ON WOODEN OR PLASTIC BLOCK OUT THE REFLECTORS SHALL BE MOUNTED USING TWO 16 DG NAILS AND TWO 3/16" WASHERS OR TWO 2-1/2" GALVANIZED SCREWS.

IF MOUNTED ON METAL BLOCK OUT THE REFLECTORS SHALL BE MOUNTED USING AN APPROVED BONDING AGENT PER THE MANUFACTURES SPECIFICATIONS OR, TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

MAY BE MOUNTED TO DELINEATOR POST USING TWO 1/4 X 1-1/2" BOLTS WITH NUTS AND WASHERS.

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

REFLECTORS MOUNTED ON GUARDRAIL SHALL BE 4" WIDE. REFLECTORS MOUNTED ON DELINEATOR POST SHALL BE 3" WIDE.



WOOD, PLASTIC OR STEEL BLOCK OUT

MOUNTED ON BLOCK OUT

MOUNTED ON DELINEATOR POST

TWO 16 DG NAILS W/ WASHERS ON WOOD OR PLASTIC BLOCK OUT OR TWO 2-1/2" GALVANIZED SCREWS OR, AN APPROVED BONDING AGENT OR TWO SELF TAPPING SCREWS FOR METAL BLOCK OUT ACCORDING TO MANUFACTURE'S SPECIFICATIONS

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

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED.

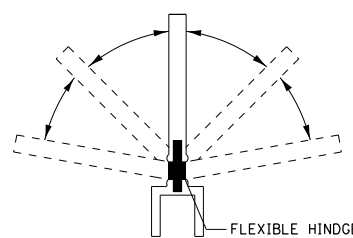
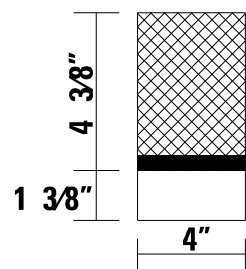
REFLECTORS INSTALLED ON DIVIDED HIGHWAYS SHALL BE SINGLE SIDED.

SHEETING COLOR SHALL BE CALLED OUT IN THE PLANS.

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

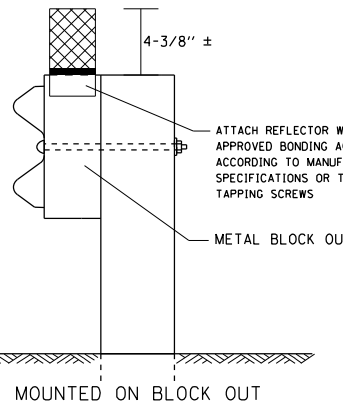
APPENDIX B

GUARDRAIL REFLECTORS, TYPE C (SPECIAL)



SIDE VIEW

FLEXIBLE HINGE



MOUNTED ON BLOCK OUT

ATTACH REFLECTOR WITH AN APPROVED BONDING AGENT ACCORDING TO MANUFACTURE'S SPECIFICATIONS OR TWO SELF TAPPING SCREWS

METAL BLOCK OUT

REFLECTORS SHALL BE MOUNTED DIRECTLY TO METAL BLOCK OUT.

REFLECTORS MOUNTED ON METAL BLOCK OUT SHALL BE MOUNTED USING AN APPROVED BONDING AGENT PER THE MANUFACTURE'S SPECIFICATIONS OR TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

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

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS SHALL BE SINGLE SIDED.

SHEETING COLOR SHALL BE CALLED OUT IN THE PLANS.

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

GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

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SHEET: 64P15 SECTION: 111RS-6

BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS - LAND SURVEYORS
1910 WEST LAFALETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4140 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000932

USER NAME = drunoll	DESIGNED - DSR	REVISED -
	DRAWN - DSR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - WJS	REVISED -
PLOT DATE = 3/8/2022	DATE - 03/08/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111RS-6	WHITESIDE	65	62
			CONTRACT NO. 64P15	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
	TEMPLATE		
	AREAS CHECKED		

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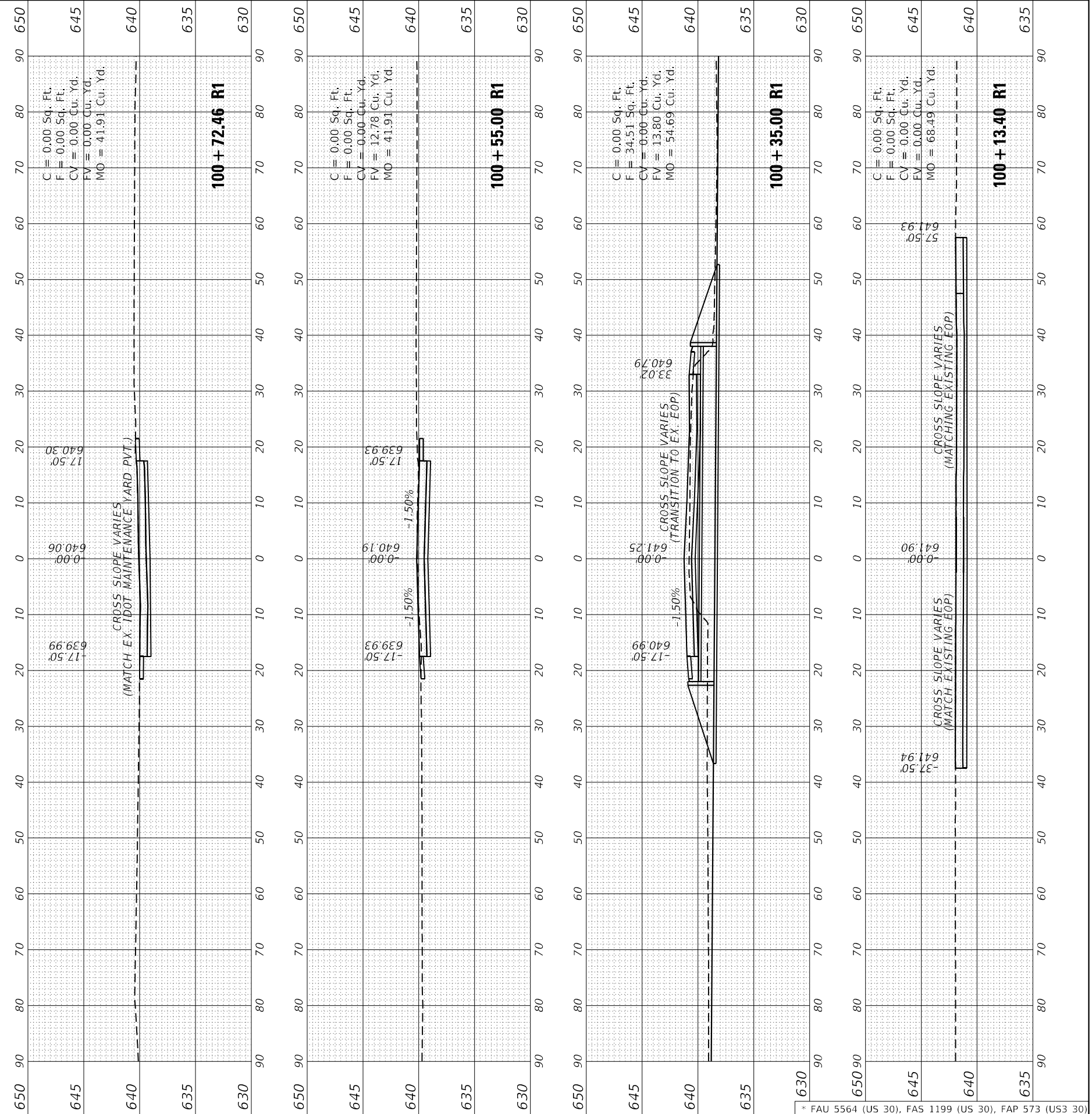
BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS & LAND SURVEYORS
 1970 WEST LAFAYETTE AVE.
 ROCKFORD, ILL. 61050
 PHONE: 217-245-4140 FAX: 217-245-1149
 ILL. DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME =	druholll	DESIGNED -	DSR	REVISED -	
PLOT SCALE =	20.0001 * / in.	DRAWN -	DSR	REVISED -	
PLOT DATE =	3/8/2022	CHECKED -	WJS	REVISED -	
		DATE -	03/08/2022	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET 1 OF 3 SHEETS		STA. 100+13.40 R1 TO STA. 100+72.46 R1	
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**CROSS SECTIONS
 (IDOT MAINTENANCE YARD ENTRANCE)**



* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	111R5-6	WHITESIDE	65	63
CONTRACT NO. 64P15			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS / LAND SURVEYORS
 1910 WEST LAFAYETTE AVE.
 ROCKFORD, IL 61050
 PHONE: 217-245-1140 FAX: 217-245-1149
 IL DESIGN FIRM REGISTRATION NO. 184-000952

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DESIGNED -	DSR
DRAWN -	D5R
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PLotted DATE =	3/8/2022

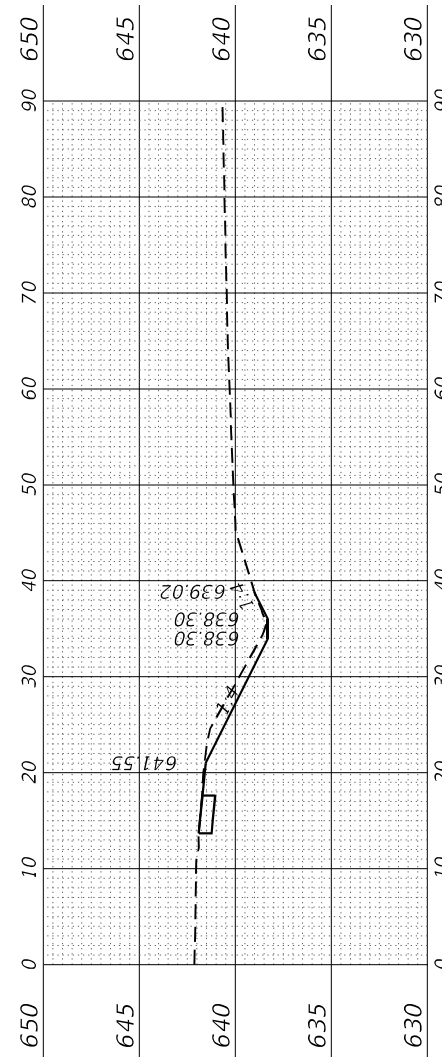
REVISEd -	
REVISEd -	
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REVISEd -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

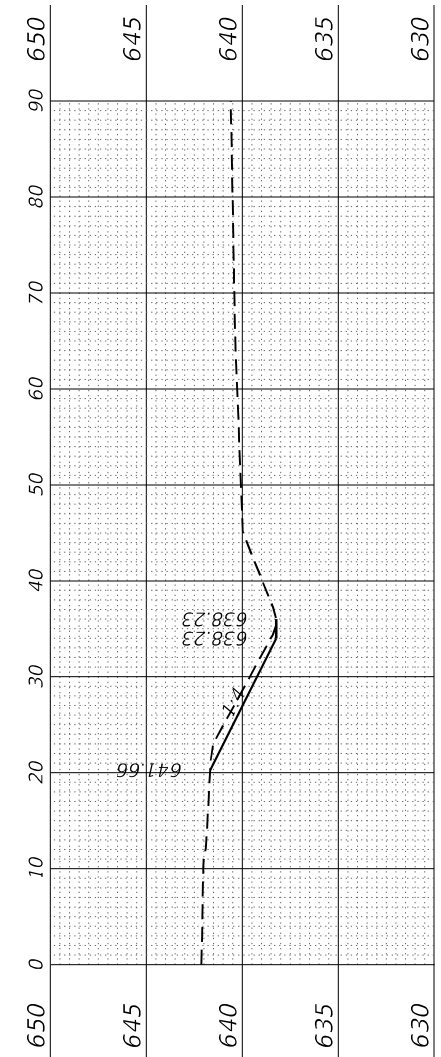
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**CROSS SECTIONS
 (GRADING AND SHAPING DITCHES)**

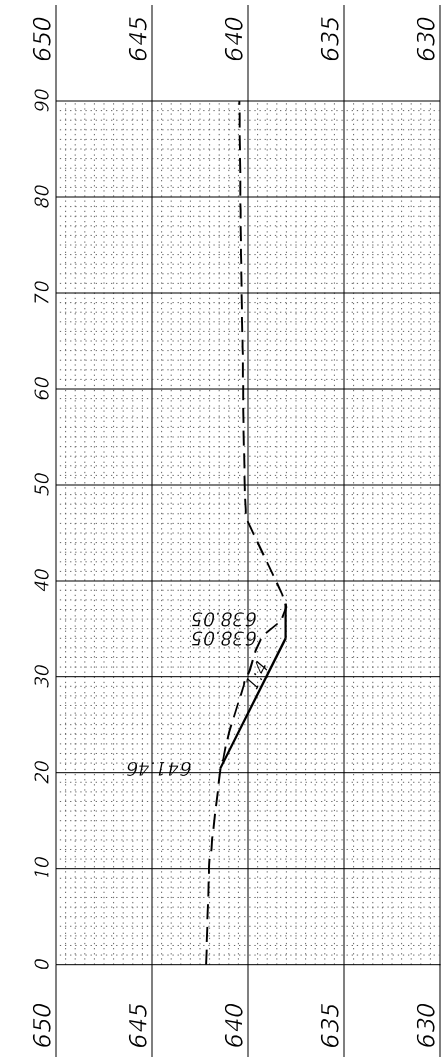
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*	111RS-6	WHITESIDE	65	64
			CONTRACT NO. 64P15	
			ILLINOIS FED. AID PROJECT	



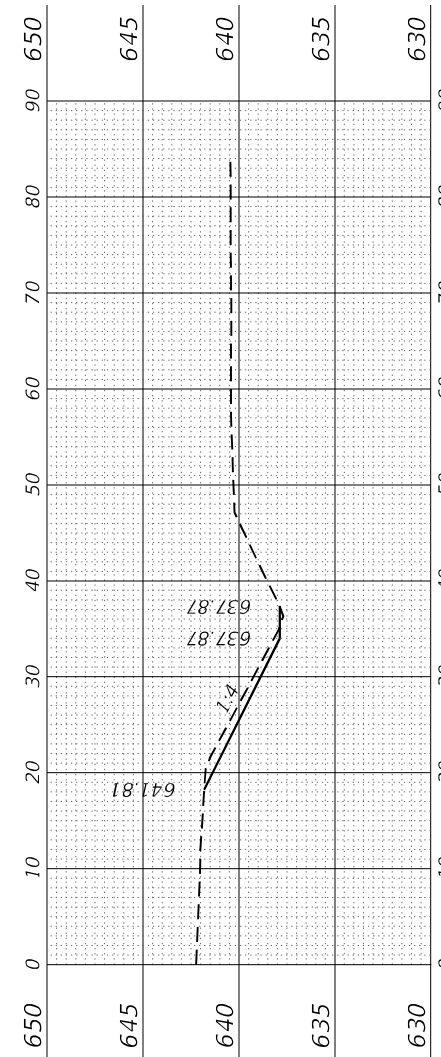
C = 9.63 Sq. Ft.
 F = 0.00 Sq. Ft.
1519 + 67.23 R1



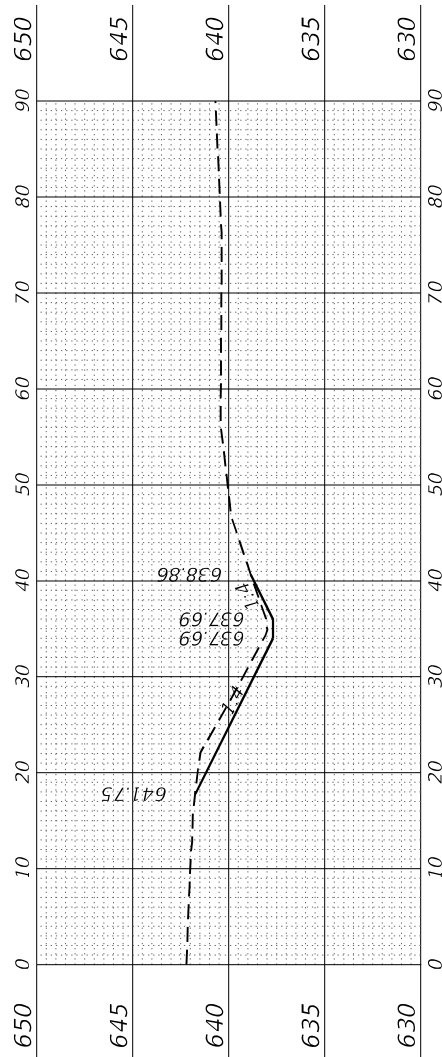
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1519 + 50.00



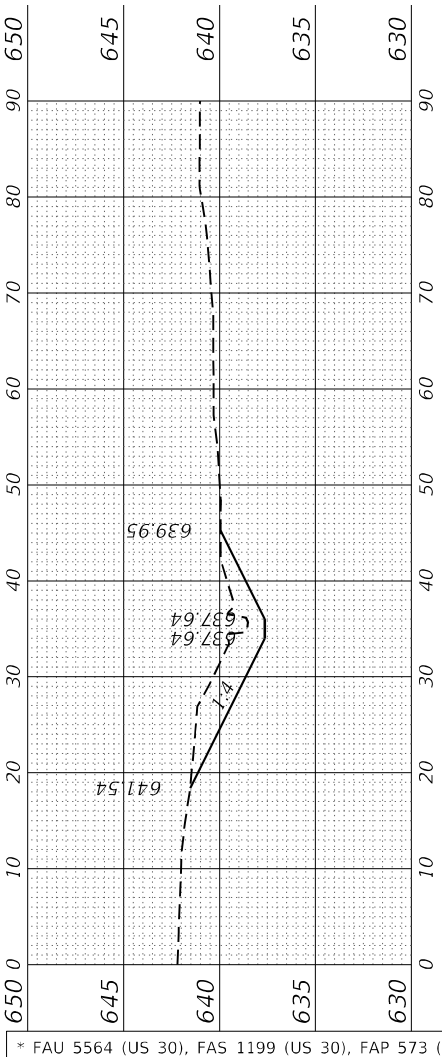
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 F = 0.00 Sq. Ft.
1519 + 00.00



C = 6.45 Sq. Ft.
 F = 0.19 Sq. Ft.
1518 + 50.00



C = 10.82 Sq. Ft.
 F = 7.86 Sq. Ft.
1518 + 00.00



C = 29.95 Sq. Ft.
 F = 0.00 Sq. Ft.
1517 + 86.12

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Definit
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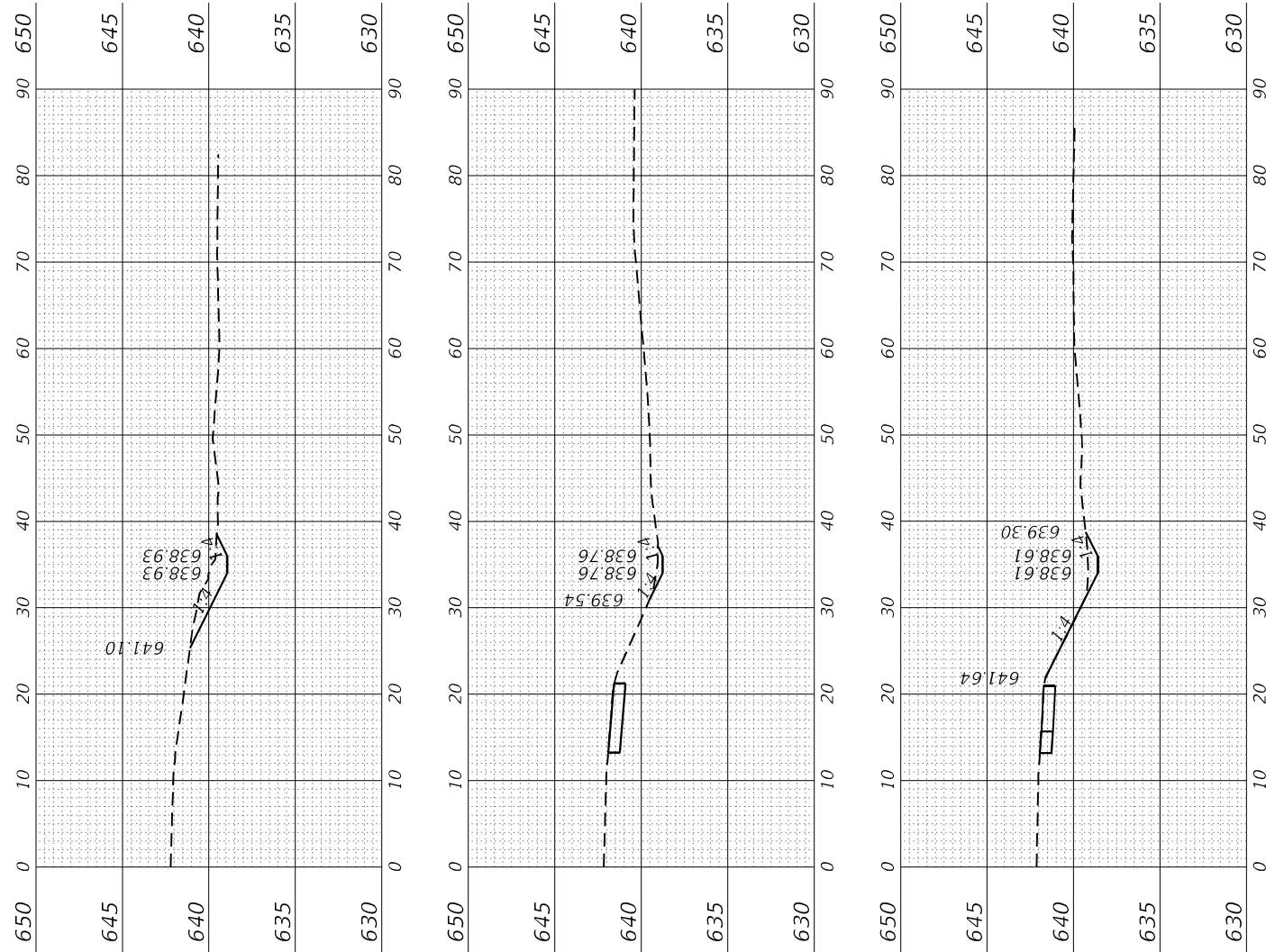
BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS / LAND SURVEYORS
 1910 WEST LAFALETTE AVE.
 HICKSVILLE, IL 60141
 PHONE: 217-245-1140 FAX: 217-245-1149
 IL DESIGN FIRM REGISTRATION NO. 194-000852

USER NAME =	drunoll	DESIGNED -	DSR	REVISED -	
PLOT SCALE =	20.0000 * / in.	DRAWN -	DSR	REVISED -	
PLOT DATE =	3/8/2022	CHECKED -	WJS	REVISED -	
		DATE -	03/08/2022	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 (GRADING AND SHAPING DITCHES)**

SCALE: SHEET 3 OF 3 SHEETS STA. 1520+20.23 TO STA. 1521+43.23



C = 8.32 Sq. Ft.
 F = 0.00 Sq. Ft.

1521 + 43.23

C = 6.59 Sq. Ft.
 F = 0.00 Sq. Ft.

1521 + 00.00

C = 13.08 Sq. Ft.
 F = 0.00 Sq. Ft.

1520 + 55.23 R1

* FAU 5564 (US 30), FAS 1199 (US 30), FAP 573 (US 30)					
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	111RS-6	WHITESIDE	65	65	
CONTRACT NO. 64P15					
ILLINOIS			FED. AID PROJECT		

SEE IDOT MAINTENANCE YARD ENTRANCE CROSS SECTIONS
 FOR EARTHWORK QUANTITIES BETWEEN STA 1519+67.23 TO STA. 1520+55.23