

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39&41) N-3	LAKE	107	1
		ILLINOIS	CONTRACT NO. 60T11	

D-91-299-12

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED IN
UNINCORPORATED ANTIOCH
TOWNSHIP

**PROPOSED
HIGHWAY PLANS**
FAP ROUTE 344: US 45 (LAKE STREET)
AT IL 173 (ROSECRANS ROAD)
SECTION: (39&41) N-3
INTERSECTION RECONSTRUCTION, CHANNELIZATION
AND TRAFFIC SIGNAL MODERNIZATION
PROJECT: NHPP-WH11(577)
LAKE COUNTY
C-91-299-12



LOCATION OF SECTION INDICATED THIS: -

TRAFFIC DATA
US RTE 45, 2017 ADT = 5,600 VPD
IL RTE 173, 2017 ADT = 15,700 VPD
POSTED SPEED LIMIT
55 MPH (US RTE 45)
55 MPH (IL RTE 173)

PROJECT BEGINS
STA. 490 + 04.3

PROJECT BEGINS
STA. 190 + 03.3



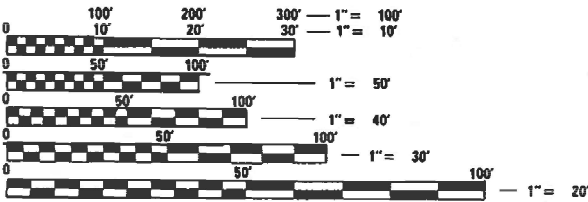
LOCATION MAP
NOT TO SCALE

PROJECT ENDS
STA. 209 + 97.3

PROJECT ENDS
STA. 509 + 93.4

ANTIOCH TOWNSHIP

GROSS & NET LENGTH OF PROJECT = 3,960 LINEAL FEET = 0.75 MILE



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 MANAGER: FAWAD AQUEEL (847) 705-4247
PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432

CONTRACT NO. 60T11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED February 9, 2021
Jose Rios REGIONAL ENGINEER
March 19, 2021
Scott A. Elk ENGINEER OF DESIGN AND ENVIRONMENT
March 19, 2021
James J. Gu DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: Default
FILE: \\waler-pw\johnson.doi\illinois.gov\HW\DOT\Documents\IDOT Office\District 1\Projects\1769209\CADD\data\Design\1769209-rtt-gemcote.dgn

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION					
1	COVER SHEET	000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOURS NOTIFICATION REQUIRED). 2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE ANTIOCH TOWNSHIP. 3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSIONS FROM THE DEPARTMENT. 4. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KAL.PANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK. 5. IT IS CONTRACTOR'S RESPONSIBILITY TO PROVIDE A FIELD LABORATORY FOR USE FOR ANY ON SITE TESTING BY THE ENVIRONMENTAL FIRM. NO TESTING OF ANY KIND, CONTAMINATED OR NON-CONTAMINATED FLUID OR SOLID SHALL BE PERMITTED IN THE ENGINEER'S FIELD OFFICE. 6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. 7. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING, EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER. 8. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. 9. THE RESIDENT ENGINEER SHALL DETERMINE THE LOCATIONS OF CLASS "D" PATCHES. 10. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MIN. 1:3 (V:H). 11. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED. 12. PAVEMENT MARKING TAPE, TYPE III BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING. 13. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS. 14. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND. 15. THE RESIDENT ENGINEER SHALL CONTACT MR. WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, VIA EMAIL AT WALTER.CZARNY@ILLINOIS.GOV A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKING. 16. THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR GUARDRAIL REMOVAL. 17. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS. 18. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE. USE CBWUI AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIB ILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW CBDE 2289I AND USE/WASTE REVIEW CBDE 2290I SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL CESC PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.I AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVIS IONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.				
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES	280001-07	TEMPORARY EROSION CONTROL SYSTEMS					
3-8	SUMMARY OF QUANTITIES	442201-03	CLASS C AND D PATCHES					
9	SCHEDULE OF QUANTITIES	482011-03	HMA SHOULDER STRIP/SHOULDER WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS					
10-13	TYPICAL SECTIONS	542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84"					
14-16	ALIGNMENT, TIES AND BENCHMARKS PLAN	542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION					
17-25	SUGGESTED STAGES OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC	542546-01	FLUSH INLET BOX FOR MEDIAN					
26-31	EXISTING AND PROPOSED ROADWAY PLANS AND PROFILES	601001-05	PIPE UNDERDRAINS					
32-39	EXISTING AND PROPOSED DRAINAGE AND UTILITIES PLANS	601101-02	CONCRETE HEADWALL FOR PIPE DRAIN					
40	PROPOSED DRAINAGE STRUCTURE TABLE	602001-02	CATCH BASIN, TYPE A					
41-46	SUE PLANS	602011-02	CATCH BASIN, TYPE C					
47-60	PLATS OF HIGHWAYS	602402-03	PRECAST MANHOLE TYPE A, 5' (1.52 m) DIAMETER					
61-67	PROPOSED TRAFFIC SIGNAL PLANS	602406-11	PRECAST MANHOLE, TYPE A, 6' (1.83 m) DIAMETER					
68-69	PAVEMENT MARKING PLANS	604001-05	FRAME AND LIDE TYPE 1					
70-71	LANDSCAPING PLANS	604086-05	FRAME AND GRATE, TYPE 23					
72-73	EROSION CONTROL PLANS	606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER					
74	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER GREATER THAN OR EQUAL TO 15' (4.5 M) (BD-01)	606301-04	PC CONCRETE ISLANDS AND MEDIANS					
75	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB LESS THAN 15' (4.5 M) (BD-02)	606401-02	PAVED DITCH					
76	OUTLET FOR CONCRETE CURB AND GUTTER (BD-03)	701101-05	OFF-RD OPERATION, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE					
77	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701106-02	OFF-RD OPERATION, MULTILANE, MORE THAN 15' (4.5 M) FROM PAVEMENT EDGE					
78	CURB AND CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH					
79	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS					
80	BENCHING DETAIL FOR EMBANKMENT WIDENING (BD-51)	701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATION DAY ONLY FOR SPEEDS≥ 45 MPH					
81	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY					
82	TYPICAL APPLICATION FOR RAISED REFLECTIVE PAVEMENT MARKERS (TC-11)	701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH					
83	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH					
84	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TC-14)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION					
85	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)	701901-08	TRAFFIC CONTROL DEVICES					
86	ARTERIAL ROAD INFORMATION SIGN (TC-22)	720001-01	SIGN PANEL MOUNTING DETAILS					
87	DRIVEWAY ENTRANCE SIGNING (TC-26)	805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS					
88	DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS (TS-2)	814001-03	HANDHOLES					
89-95	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-5)	814006-03	DOUBLE HANDHOLES					
96-107	CROSS SECTIONS	857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES					
		862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)					
		873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING					
		877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'					
		878001-11	CONCRETE FOUNDATION DETAILS					
		880006-01	TRAFFIC SIGNAL MOUNTING DETAILS					
		886001-01	DETECTOR LOOP INSTALLATIONS					
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)		
	USER NAME = Velichkovv	DESIGNED -	REVISED -					
		DRAWN -	REVISED -					
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					
	PLOT DATE = 3/5/2021	DATE -	REVISED -			SCALE: NONE	SHEET OF SHEETS	STA. TO STA.
							ILLINOIS	FED. AID PROJECT
							SECTION	COUNTY
						F.A.P. RTE.		TOTAL SHEETS
						344	(39 & 41) N-3	LAKE
								SHEET NO.
								107
								2
								CONTRACT NO. 60T11

REV-SEP

Model: Default
File: \\ntslc-pw\public\mason\dot\ilindis\gov\PWIDOT\Documents\DOT - Office\District - * - Objects\PI\601200 - * - Data\Design\PI\60209-rt-zchedule.dgn

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE						CODE NO	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE													
CODE NO	ITEM	UNIT		0004 80% FED 20% STATE ROADWAY	0021 80% FED 20% STATE T. SIGNALS	0021 100% VILLAGE OF ANTIOCH EVP					CODE NO	ITEM	UNIT		0004 80% FED 20% STATE ROADWAY	0021 80% FED 20% STATE T. SIGNALS	0021 100% VILLAGE OF ANTIOCH EVP											
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	86	86						*	25200110	SODDING, SALT TOLERANT	SQ YD	4290	4290													
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	84	84						*	25200200	SUPPLEMENTAL WATERING	UNIT	32	32													
20101000	TEMPORARY FENCE	FOOT	250	250							28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	260	260													
20101200	TREE ROOT PRUNING	EACH	3	3							28000305	TEMPORARY DITCH CHECKS	FOOT	156	156													
20200100	EARTH EXCAVATION	CU YD	7569	7569							28000400	PERIMETER EROSION BARRIER	FOOT	7520	7520													
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE	CU YD	2985	2985							28000510	INLET FILTERS	EACH	26	26													
	MATERIAL																											
											30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	438	438													
20800150	TRENCH BACKFILL	CU YD	895	895																								
											30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	10600	10600													
21001000	GEOTECHNICAL FABRIC FOR GROUND	SQ YD	1312	1312																								
	STABILIZATION										31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	130	130													
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	4164	4164							35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	65	65													
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	10720	10720							35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	70	70													
25000210	SEEDING, CLASS 2A	ACRE	1.3	1.3							35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	600	600													
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	170	170							35501318	HOT-MIX ASPHALT BASE COURSE, 8 1/2"	SQ YD	4410	4410													
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	170	170							40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14245	14245													
25100115	MULCH, METHOD 2	ACRE	1.3	1.3							40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	24	24													
												FLANGEWAYS									REV-SEP							
25100630	EROSION CONTROL BLANKET	SQ YD	6432	6432																	* SPECIALTY ITEM							
			USER NAME = Velichkovvv		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)				F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.							
			DRAWN -		REVISED -		REVISED -									344	(39 & 41)N-3		LAKE	107	3							
			PLOT SCALE = 100,0000 ' / in.		CHECKED -		REVISED -										CONTRACT NO. 60T11											
			PLOT DATE = 3/5/2021		DATE -		REVISED -					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT									

MODEL Default
FILE Name: E:\projects\160209\DOT Documents\DOT Office\District 1\Projects\160209\CADD\Drawings\160209-rt-schedule.dgn

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0004 80% FED 20% STATE ROADWAY	0021 80% FED 20% STATE T. SIGNALS	0021 100% VILLAGE OF ANTIOCH EVP				CODE NO	ITEM	UNIT		0004 80% FED 20% STATE ROADWAY	0021 80% FED 20% STATE T. SIGNALS	0021 100% VILLAGE OF ANTIOCH EVP			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SQ YD	36	36						44004000	PAVED DITCH REMOVAL	FOOT	360	360					
	JOINT																		
										44004250	PAVED SHOULDER REMOVAL	SQ YD	3035	3035					
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER	TON	836	836															
	COURSE, IL-4.75, N50									44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	250	250					
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5,	TON	56	56						44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	50	50					
	MIX "D", N50																		
										48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	235	235					
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE	TON	1986	1986															
	COURSE, IL-9.5, MIX "E", N70									48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	6175	6175					
42001300	PROTECTIVE COAT	SQ YD	1680	1680						50105220	PIPE CULVERT REMOVAL	FOOT	210	210					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY	SQ YD	165	165						54213657	PRECAST REINFORCED CONCRETE FLARED END	EACH	1	1					
	PAVEMENT, 8 INCH										SECTIONS 12"								
44000100	PAVEMENT REMOVAL	SQ YD	1030	1030						54213660	PRECAST REINFORCED CONCRETE FLARED END	EACH	4	4					
											SECTIONS 15"								
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2	SQ YD	15860	15860															
	1/2"									54213663	PRECAST REINFORCED CONCRETE FLARED END	EACH	4	4					
											SECTIONS 18"								
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	600	600															
										54213669	PRECAST REINFORCED CONCRETE FLARED END	EACH	12	12					
44000300	CURB REMOVAL	FOOT	923	923							SECTIONS 24"								
44000400	GUTTER REMOVAL	FOOT	555	555						54261630	CONCRETE END SECTION, STANDARD 542001,	EACH	1	1					
											30", 1:6								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1237	1237															
										542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	56	56					REV-SEP
44003100	MEDIAN REMOVAL	SQ FT	3572	3572															* SPECIALTY ITEM
		USER NAME = Velichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					SUMMARY OF QUANTITIES US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)				F.A.P RTE. 344	SECTION (39 & 41)N-3		COUNTY LAKE	TOTAL SHEETS 107	SHEET NO. 4
		PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -														CONTRACT NO. 60T11	
		PLOT DATE = 3/5/2021	CHECKED -	REVISED -															
			DATE -	REVISED -														ILLINOIS FED. AID PROJECT	
														SCALE:		SHEET OF SHEETS		STA. TO STA.	

MODEL: Default
FILE NAME: pw\lgarson dot illinois.gov\WIDOT\Documents\DOT Office\District 1\Projects\169209\CADD\Data\Design\169209-dht-schedule.dgn

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE								
CODE NO	ITEM	UNIT		0004 80% FED 20% STATE ROADWAY	0021 80% FED 20% STATE T. SIGNALS	0021 100% VILLAGE OF ANTIOCH EVP				CODE NO	ITEM	UNIT		0004 80% FED 20% STATE ROADWAY	0021 80% FED 20% STATE T. SIGNALS	0021 100% VILLAGE OF ANTIOCH EVP						
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	64	64						60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1	EACH	2	2								
											FRAME, CLOSED LID											
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	192	192																		
										60500040	REMOVING MANHOLES	EACH	6	6								
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	548	548																		
										60500050	REMOVING CATCH BASINS	EACH	3	3								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	441	441																		
										60500060	REMOVING INLETS	EACH	7	7								
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	924	924																		
										60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5.5	5.5								
55100500	STORM SEWER REMOVAL 12"	FOOT	150	150																		
										60605000	COMBINATION CONCRETE CURB AND GUTTER,	FOOT	3210	3210								
55100700	STORM SEWER REMOVAL 15"	FOOT	300	300							TYPE B-6.24											
55101200	STORM SEWER REMOVAL 24"	FOOT	900	900						X6061461	PAVED DITCH (VARIABLE)	SQ YD	150	150								
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	12	12						60622800	CONCRETE MEDIAN, TYPE SM-6.12	SQ FT	1653	1653								
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	150	150						60623200	CONCRETE MEDIAN, TYPE SM-6.24	SQ FT	2645	2645								
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	3800	3800						63200310	GUARDRAIL REMOVAL	FOOT	350	350								
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE	EACH	10	10						* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2650	2650								
	23 FRAME AND GRATE																					
										* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6								
60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND	EACH	10	10																		
	GRATE									* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION	LSUM	1	1								
											PLAN											
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1	EACH	5	5																		
	FRAME, CLOSED LID									* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION	LSUM	1	1				REV-SEP				
											REPORT						* SPECIALTY ITEM					
			USER NAME = Velichkovvv		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)				F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
					DRAWN -		REVISED -									344	(39 & 41)N-3		LAKE	107	5	
			PLOT SCALE = 100.0000 ' / in.		CHECKED -		REVISED -									CONTRACT NO. 60T11						
			PLOT DATE = 3/5/2021		DATE -		REVISED -									ILLINOIS FED. AID PROJECT						
												SCALE:		SHEET	OF	SHEETS	STA.	TO STA.				

*

MODEL Default
FILE NAME: z:\w\damoon dot illinois.gov-PWDOT\02-Projects\DOT Offices\District 7\IngersollP169209\CADD\data\Drawings\P169209-sht-schedule.dgn

SUMMARY OF QUANTITIES

CODE NO

ITEM

UNIT

TOTAL QUANTITIES URBAN

0004
80% FED
20% STATE
ROADWAY

0021
80% FED
20% STATE
T. SIGNALS

0021
100% VILLAGE
OF ANTIOCH
EVP

81028240

UNDERGROUND CONDUIT, GALVANIZED STEEL,

FOOT

367

367

4" DIA.

* 81400100

HANDHOLE

EACH

5

5

* 81400200

HEAVY-DUTY HANDHOLE

EACH

4

4

* 81400300

DOUBLE HANDHOLE

EACH

1

1

* 87301225

ELECTRIC CABLE IN CONDUIT, SIGNAL NO.

FOOT

316

316

14 3C

* 87301255

ELECTRIC CABLE IN CONDUIT, SIGNAL NO.

FOOT

3040

3040

14 7C

* 87301305

ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO.

FOOT

2773

2773

14 1 PAIR

* 87301805

ELECTRIC CABLE IN CONDUIT, SERVICE, NO.

FOOT

44

44

6 2 C

* 87301900

ELECTRIC CABLE IN CONDUIT, EQUIPMENT

FOOT

1248

1248

GROUNDING CONDUCTOR, NO. 6 1C

87502500

TRAFFIC SIGNAL POST, GALVANIZED STEEL

EACH

4

4

16 FT.

87700240

STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.

EACH

1

1

87700250

STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.

EACH

1

1

*

CONSTRUCTION TYPE CODE

0004
80% FED
20% STATE
ROADWAY

0021
80% FED
20% STATE
T. SIGNALS

0021
100% VILLAGE
OF ANTIOCH
EVP

SUMMARY OF QUANTITIES

CODE NO

ITEM

UNIT

TOTAL QUANTITIES URBAN

0004
80% FED
20% STATE
ROADWAY

0021
80% FED
20% STATE
T. SIGNALS

0021
100% VILLAGE
OF ANTIOCH
EVP

87700260

STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.

EACH

2

2

* 87800100

CONCRETE FOUNDATION, TYPE A

FOOT

20

20

* 87800150

CONCRETE FOUNDATION, TYPE C

FOOT

4

4

* 87800415

CONCRETE FOUNDATION, TYPE E 36-INCH

FOOT

52

52

DIAMETER

* 88030100

SIGNAL HEAD, LED, 1-FACE, 5-SECTION,

EACH

8

8

BRACKET MOUNTED

* 88030110

SIGNAL HEAD, LED, 1-FACE, 5-SECTION,

EACH

8

8

MAST-ARM MOUNTED

* 88200410

TRAFFIC SIGNAL BACKPLATE, LOUVERED,

EACH

8

8

FORMED PLASTIC

* 88500100

INDUCTIVE LOOP DETECTOR

EACH

12

12

* 88600100

DETECTOR LOOP, TYPE I

FOOT

1725

1725

* 88700200

LIGHT DETECTOR

EACH

2

2

* 88700300

LIGHT DETECTOR AMPLIFIER

EACH

1

1

* 89000100

TEMPORARY TRAFFIC SIGNAL INSTALLATION

EACH

1

1

* 89502375

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

EACH

1

1

* 89502380

REMOVE EXISTING HANDHOLE

EACH

8

8

<

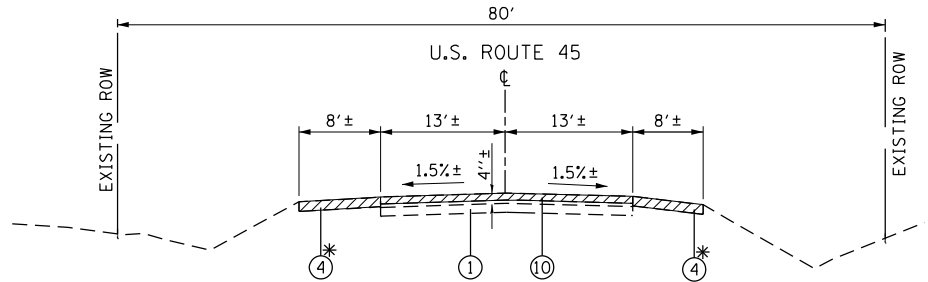
MODEL Default
FILE Name: p:\data\amnon.dwt\ilindis.gov-PWIDOT\Documents\DOT Office\District 1\Project\PI 60209\CADD\data\Design\PI 60209-09b-qty-schedule.dgn

EARTHWORK							
1	2	3	4	5	6	7	8
US ROUTE 45 AT IL ROUTE 173	EARTH EXCAVATION (CU YD)	EMBANKMENT (CU YD)	ADJUSTMENT FOR SHRINKAGE (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (EXISTING TOPSOIL) (STRIPPING DEPTH=10’') (CU YD)	TOPSOIL NEEDED FOR LANDSCAPING DEPTH=4’' (CU YD)
US 45 (STA. 190+03 TO STA. 209+97.3)	3,212	779	2,730	1,951	1,388	1,894	506
IL 173 (STA. 490+04 TO STA. 509+93.4)	4,357	784	3,703	2,919	1,597	2,270	673
TOTAL	7,569	1,563	6,434	4,871	2,985	4,164	1,179
COLUMN 1: LOCATION FROM PLANS COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIAL AND TOPSOIL COLUMN 3: QUANTITIES FROM CROSS SECTIONS (FILL) COLUMN 4: EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR IS 15% COLUMN 5: COLUMN 4 - COLUMN 3 POSITIVE QUANTITY = EXTRA EXCAVATION TO BE WASTED NEGATIVE QUANTITY = FURNISHED EXCAVATION (FILL) NEEDED COLUMN 6: CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT (COLUMN 7 - COLUMN 8) COLUMN 7: TOPSOIL EXCAVATION AND PLACEMENT, QUANTITIES FROM CROSS SECTIONS COLUMN 8: QUANTITIES OF TOPSOIL NEEDED FOR LANDSCAPING FROM CROSS SECTIONS							

TREE REMOVAL			
TREE REMOVAL (6 TO 15 UNITS DIAMETER)			
IL 173 (ROSECRANS ROAD)			
STATION	OFFSET (FT)		UNITS
494+67	39.3	LT	2X10
508+54	35.9	LT	2X7
509+25	38.5	LT	4X10
509+52	34.9	LT	12
TOTAL:			86

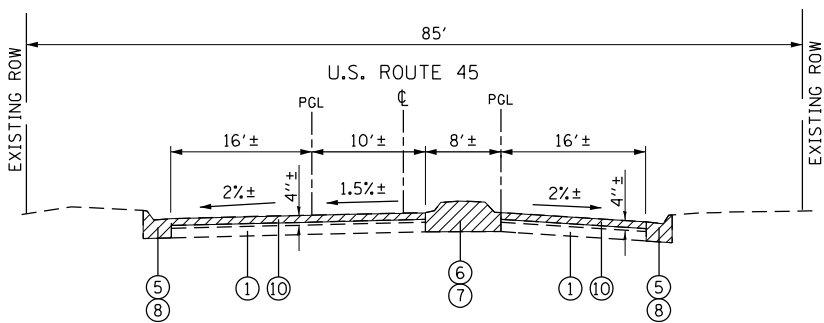
TREE REMOVAL			
TREE REMOVAL (OVER 15 UNITS DIAMETER)			
IL 173 (ROSECRANS ROAD)			
STATION	OFFSET (FT)		UNITS
508+88	36.9	LT	15
505+32	37.1	RT	15
507+19	33.8	RT	24
507+87	33.1	RT	30
TOTAL:			84

	USER NAME = Velichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						344	(39 & 41)N-3	LAKE	107	9
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 60T11				
	PLOT DATE = 3/5/2021	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

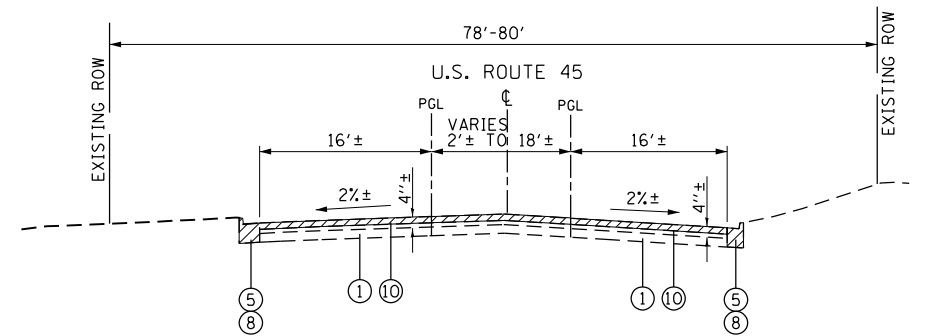


*NOTE: AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)

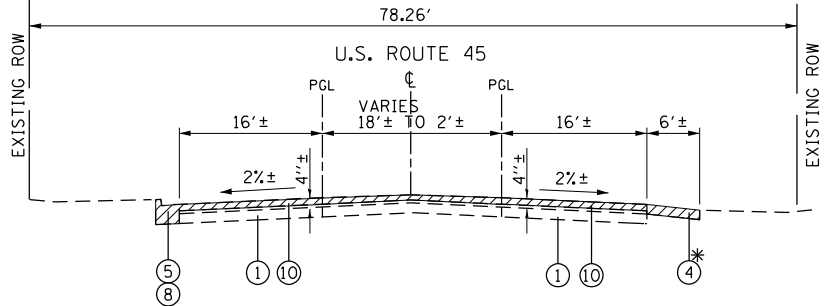
EXISTING TYPICAL SECTION
STA. 190+03 TO STA. 194+03



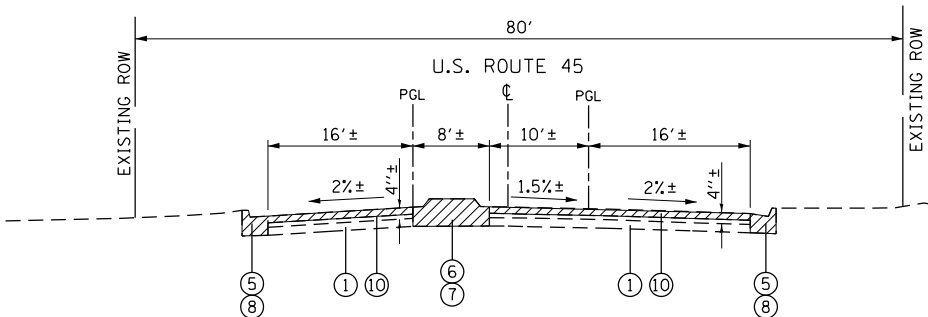
EXISTING TYPICAL SECTION
STA. 200+43 TO STA. 201+75



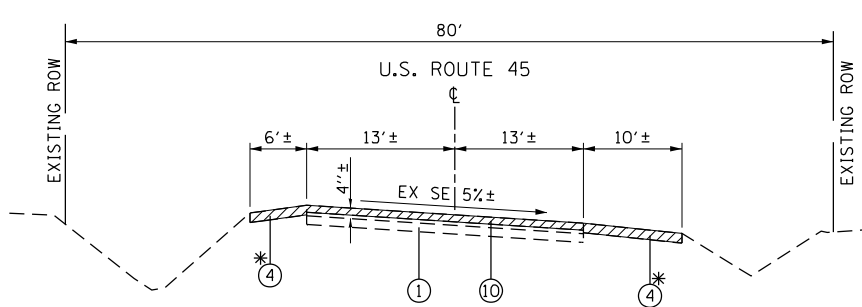
EXISTING TYPICAL SECTION
STA. 194+03 TO STA. 198+19



EXISTING TYPICAL SECTION
STA. 201+75 TO STA. 205+26



EXISTING TYPICAL SECTION
STA. 198+19 TO STA. 199+54



EXISTING TYPICAL SECTION
STA. 205+26 TO STA. 209+97

LEGEND:

- ① EXIST. HMA BASE COURSE, 9"±
- ② EXIST. HMA OVERLAY, 2"± (AFTER MILLING)
- ③ EXIST. PAVED SHOULDER
- ④ EXIST. AGGREGATE SHOULDER
- ⑤ EXIST. COMB. CONC. C&G
- ⑥ EXIST. CONCRETE MEDIAN
- ⑦ PROP. MEDIAN REMOVAL
- ⑧ PROP. COMB. CONC. C&G REMOVAL
- ⑨ PROP. PAVED SHOULDER REMOVAL
- ⑩ PROP. HMA SURFACE REMOVAL, 2 1/2"
- ⑪ PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 3/4"
- ⑫ PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑬ PROP. HMA BASE COURSE, 8 1/2"
- ⑭ PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑮ PROP. CONCRETE MEDIAN, TYPE M-6.12
- ⑯ PROP. CONCRETE MEDIAN, TYPE M-6.24
- ⑰ PROP. COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ⑱ PROP. HMA SHOULDER, 8"
- ⑲ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑳ PROP. SUBBASE GRANULAR MATERIAL, TYPE C, 3"
- ㉑ PROP. TOPSOIL AND SEEDING/SODDING (SEE LANDSCAPING PLANS)
- ㉒ PROP. AGGREGATE SUBGRADE IMPROVEMENT (SEE SUBGRADE TREATMENT NOTES)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USES	DESIGN AIR VOIDS @ N _{DES}	QMP

PAVEMENT WIDENING AND RESURFACING		
POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, (IL-9.5 mm)	4% AT 70 GYR.	QCP
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50	3.5% AT 50 GYR.	QC/QA
HMA BASE COURSE (HMA BINDER IL-19.0 mm), 8 1/2"	4% AT 70 GYR.	QC/QA

TEMPORARY PAVEMENT		
TEMPORARY PAVEMENT (HMA BINDER IL-19.0 mm), 11"	4% AT 70 GYR.	QCP

PATCHING		
CLASS D PATCHES, (HMA BINDER IL-19.0 mm)	4% AT 70 GYR.	QC/QA

HMA SHOULDERS, 8"		
HMA SURFACE COURSE, MIX "D", N70, (IL-9.5 mm), 1 3/4"	4% AT 70 GYR.	QC/QA
HMA BINDER (IL-19.0 mm), 6 1/4"	4% AT 70 GYR.	QC/QA

DRIVEWAYS		
HMA SURFACE COURSE, MIX "D", N50, (IL-9.5 mm)	4% AT 50 GYR.	QC/QA
HMA BASE COURSE, (HMA BINDER IL-19.0 mm), 8" & 6"	4% AT 50 GYR.	QC/QA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		
--	--	--

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES QUANTITIES IS 112 LBS/SO YD/IN.

THE "AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER.

MODEL: Default
FILE: N:\Users\paul.hannon\OneDrive\Documents\DOT Office\District 1\Projects\PI 169209\CADD\Drawings\169209-09b-typical.dgn

USER NAME = Velichkovv	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41)N-3	LAKE	107	10
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
STA. 490+04 TO STA. 493+43
STA. 505+99 TO STA. 509+93



EXISTING TYPICAL SECTION
STA. 493+43 TO STA. 498+16
STA. 501+84 TO STA. 505+99



LEGEND:

- ① EXIST. HMA BASE COURSE, 9"±
- ② EXIST. HMA OVERLAY, 2"± (AFTER MILLING)
- ③ EXIST. PAVED SHOULDER
- ④ EXIST. AGGREGATE SHOULDER
- ⑤ EXIST. COMB. CONC. C&G
- ⑥ EXIST. CONCRETE MEDIAN
- ⑦ PROP. MEDIAN REMOVAL
- ⑧ PROP. COMB. CONC. C&G REMOVAL
- ⑨ PROP. PAVED SHOULDER REMOVAL
- ⑩ PROP. HMA SURFACE REMOVAL, 2 1/2"
- ⑪ PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 3/4"
- ⑫ PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑬ PROP. HMA BASE COURSE, 8 1/2"
- ⑭ PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑮ PROP. CONCRETE MEDIAN, TYPE M-6.12
- ⑯ PROP. CONCRETE MEDIAN, TYPE M-6.24
- ⑰ PROP. COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ⑱ PROP. HMA SHOULDER, 8"
- ⑲ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑳ PROP. SUBBASE GRANULAR MATERIAL, TYPE C, 3"
- ㉑ PROP. TOPSOIL AND SEEDING/SODDING (SEE LANDSCAPING PLANS)
- ㉒ PROP. AGGREGATE SUBGRADE IMPROVEMENT (SEE SUBGRADE TREATMENT NOTES)

SUBGRADE TREATMENT PLAN NOTES:

AGGREGATE SUBGRADE IMPROVEMENT, DISTRICT ONE SPECIAL PROVISION (MOST RECENT VERSION) IS RECOMMENDED FOR THE SUBGRADE IMPROVEMENT. THIS MATERIAL WILL PROVIDE A STABLE SUBGRADE FOR ROADWAY CONSTRUCTION IN LOCATIONS WHERE THERE ARE UNDERCUTS (BELOW THE 12 INCH IMPROVEMENT SUBGRADE LAYER) WHERE POOR SOILS WERE REMOVED. WE RECOMMEND AN UNDERCUT AT THE FOLLOWING LOCATION:

US ROUTE 45 STA. 205+05 TO SA. 209+97 12 INCH UNDERCUT, AVG. WIDTH OF 12
FEET ON EACH SIDE OF THE ROAD

THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER OR SOILS INSPECTOR. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. ANY MATERIAL NOT NEEDED AT THE TIME OF CONSTRUCTION FOR UNDERCUT REPLACEMENT SHOULD BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.

GEOTEXTILE FABRIC SHOULD BE PLACED AT THE BASE OR UNDERCUT AREAS WHERE LOW STRENGTH SUBGRADE SOILS ARE ENCOUNTERED. THE 12 INCHES OF IMPROVED SUBGRADE IS NOT CONSIDERED AN UNDERCUT, AND IT SHOULD NOT BE USED BELOW THE PROPOSED 12 INCH IMPROVED SUBGRADE LAYER UNLESS IT IS DETERMINED TO BE NECESSARY TO ACHIEVE STABILITY BY THE GEOTECHNICAL ENGINEER OR SOILS INSPECTOR AT THE TIME OF CONSTRUCTION. FABRIC SHOULD MEET THE REQUIREMENTS OF ARTICLE 210, FABRIC FOR GROUND STABILIZATION, OF THE SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. ANY MATERIAL NOT NEEDED AT TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.

THE ACTUAL NEED FOR TOPSOIL REMOVAL SHOULD BE DETERMINED IN THE FIELD. ALL OF THE TOPSOIL THAT IS STRIPPED SHOULD BE STOCKPILED, STORED, AND REUSED FOR THE PROPOSED LANDSCAPING IMPROVEMENTS.

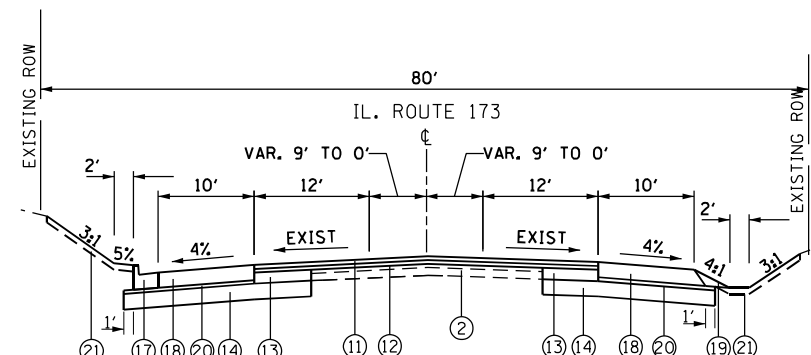
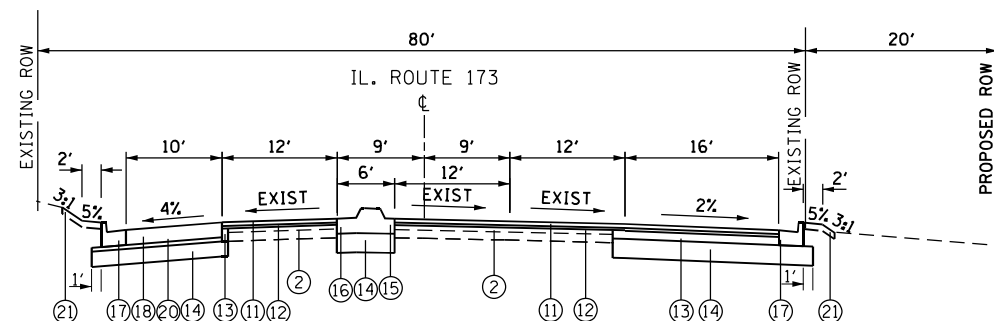
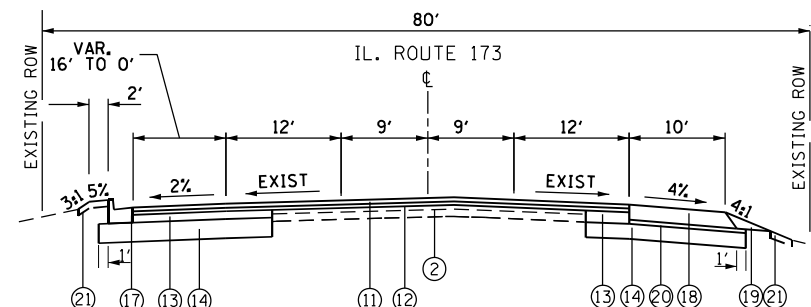
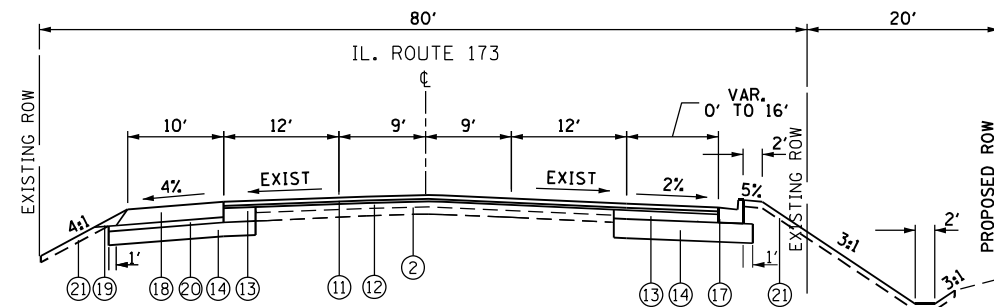
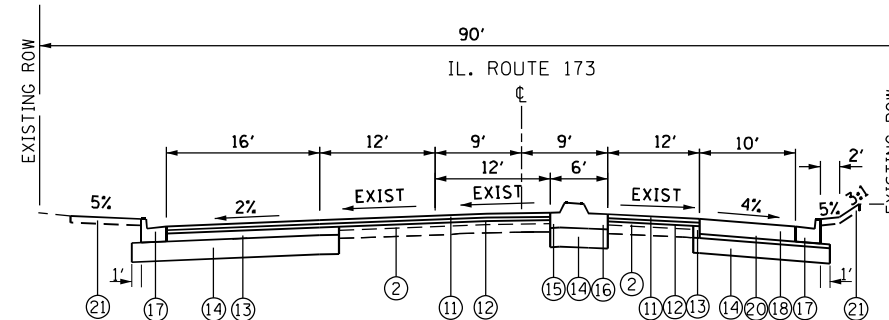
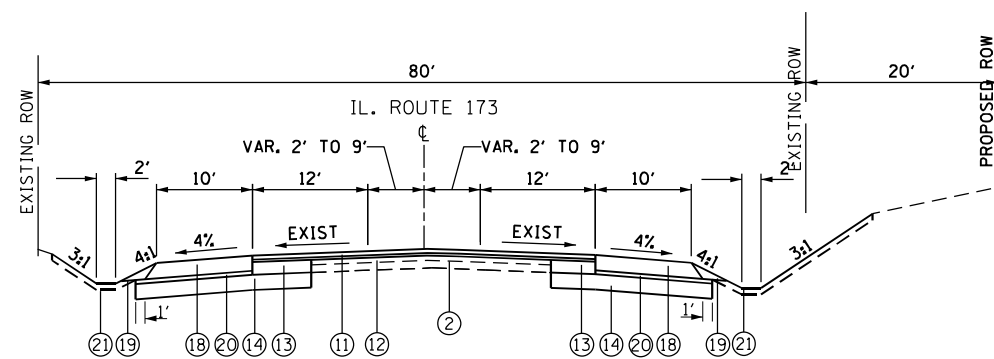
THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.

BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.

USER NAME = Velichkovv	DESIGNED -	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -					344	(39 & 41)N-3	LAKE	107	11
PLOT DATE = 3/5/2021	CHECKED -	REVISED -		CONTRACT NO. 60T11							
DATE -	REVISED -			SCALE:	SHEET OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE NAME: ow:\p\p\room_dot_il\indis.gov:\PW\DOT\Documents\IDOT Offices\District 1\Projects\P169209\CADData\Design\P169209-shr-typical.dgn

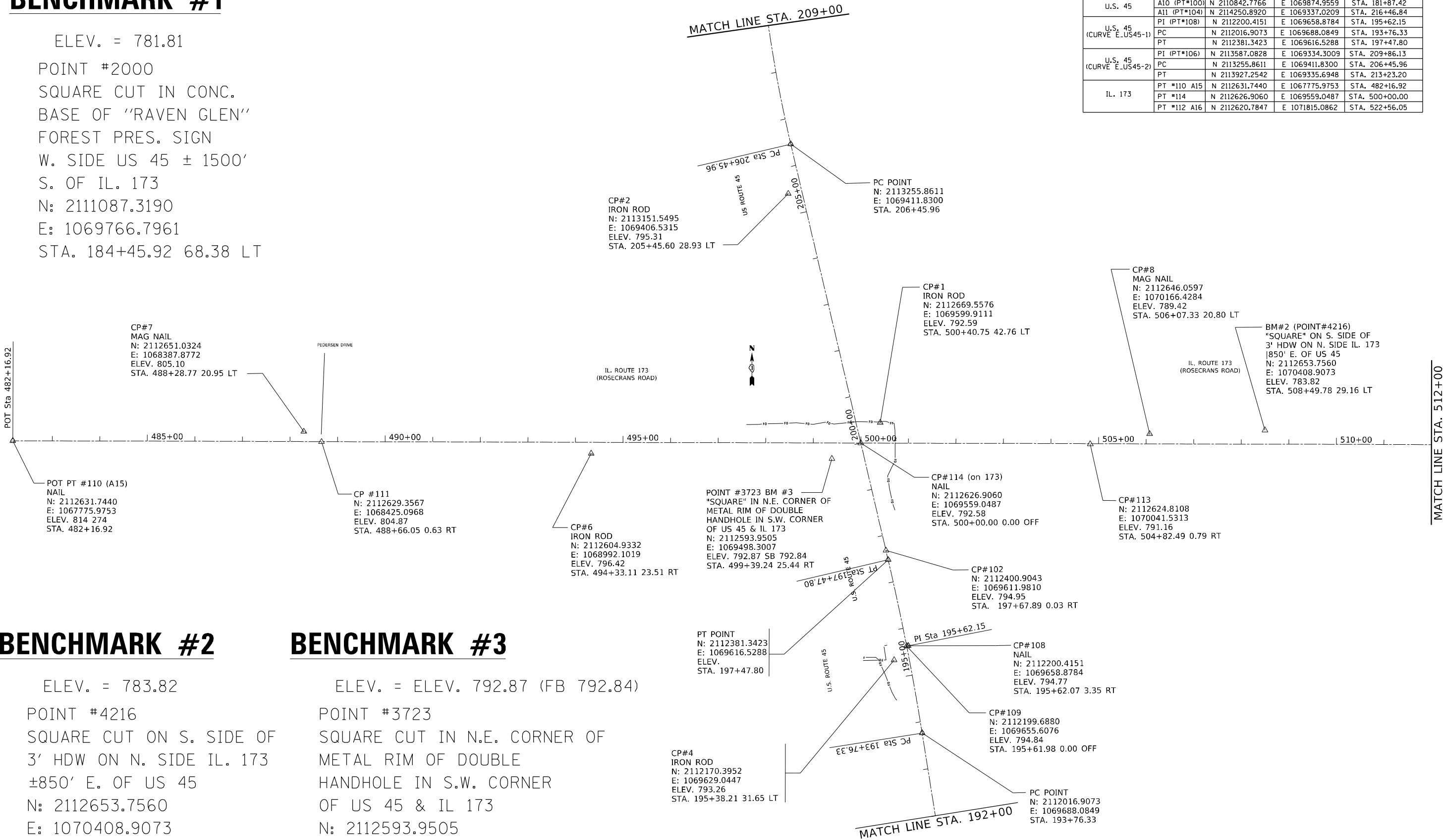


FILE NAME: D:\A\100-0000.DWG	USER NAME = Vellichavvv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISED -						344	(39 & 41)N-3	LAKE	107	13		
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -												
	PLOT DATE = 3/5/2021	DATE -	REVISED -												
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.					
				CONTRACT NO. 60T11											

BENCHMARK #1

ELEV. = 781.81
POINT #2000
SQUARE CUT IN CONC.
BASE OF "RAVEN GLEN"
FOREST PRES. SIGN
W. SIDE US 45 ± 1500'
S. OF IL. 173
N: 2111087.3190
E: 1069766.7961
STA. 184+45.92 68.38 LT

ROUTE	POINT	NORTHING	EASTING	STATION
U.S. 45	A10 (PT*100)	N 2110842.7766	E 1069874.9559	STA. 181+87.42
	A11 (PT*104)	N 2114250.8920	E 1069337.0209	STA. 216+46.84
	PI (PT*108)	N 2112200.4151	E 1069658.8784	STA. 195+62.15
U.S. 45 (CURVE E-US45-1)	PC	N 2112016.9073	E 1069688.0849	STA. 193+76.33
	PT	N 2112381.3423	E 1069616.5288	STA. 197+47.80
	PI (PT*106)	N 2113587.0828	E 1069334.3009	STA. 209+86.13
U.S. 45 (CURVE E-US45-2)	PC	N 2113255.8611	E 1069411.8300	STA. 206+45.96
	PT	N 2113927.2542	E 1069335.6948	STA. 213+23.20
	PI (PT*106)	N 2113587.0828	E 1069334.3009	STA. 209+86.13
IL. 173	PT #110 A15	N 2112631.7440	E 1067775.9753	STA. 482+16.92
	PT #114	N 2112626.9060	E 1069559.0487	STA. 500+00.00
	PT #112 A16	N 2112620.7847	E 1071815.0862	STA. 522+56.05



BENCHMARK #2

ELEV. = 783.82
POINT #4216
SQUARE CUT ON S. SIDE OF
3' HDW ON N. SIDE IL. 173
±850' E. OF US 45
N: 2112653.7560
E: 1070408.9073
STA. 508+49.78 29.16 LT

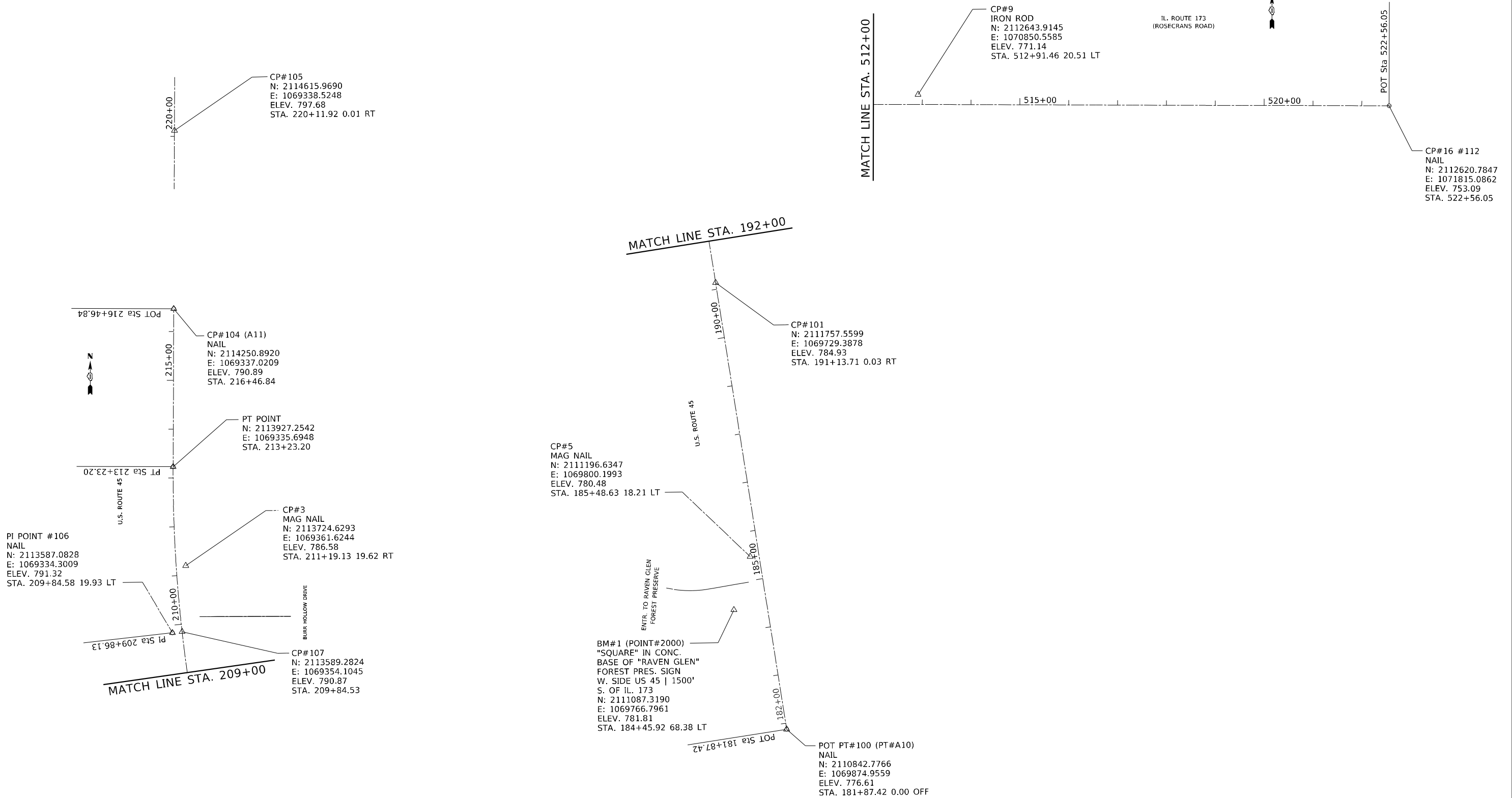
BENCHMARK #3

ELEV. = ELEV. 792.87 (FB 792.84)
POINT #3723
SQUARE CUT IN N.E. CORNER OF
METAL RIM OF DOUBLE
HANDHOLE IN S.W. CORNER
OF US 45 & IL 173
N: 2112593.9505
E: 1069498.3007
STA. 499+39.24 25.44 RT (FB 33 RT)

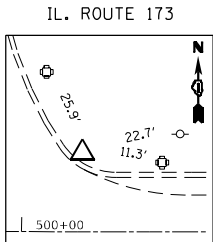
MODEL: Default
FILE: \\nfs-01\pub\amonn\dot\illinois.gov\PWIDOT\Documents\DOT_Offices\District 1\Projects\PI 169209\CADD\DATA\CD\Drawings\PI 169209-sh-ATB.dgn

	USER NAME = Velichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS U.S. ROUTE 45 AT IL. ROUTE 173				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						344	(39 & 41) N-3	LAKE	107	14
	PLOT SCALE = 200,000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 60T11								
	PLOT DATE = 3/5/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
	SCALE:		SHEET OF SHEETS							STA. TO STA.			

MODEL: Default
FILE NAME: p:\projects\169209\CADD\DATA\CAD\Drawings\169209-RT-ATB.dwg
PROJECT: 169209, CAD\Drawings\169209-RT-ATB.dwg

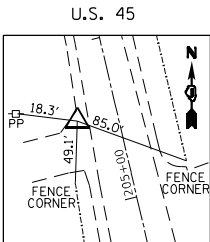


MODEL: Design FILE NAME: 000	USER NAME = Velichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS U.S. ROUTE 45 AT IL ROUTE 173				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						344	(39 & 41) N-3	LAKE	107	15
	PLOT SCALE = 200,0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 60T11				
	PLOT DATE = 3/5/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
	SCALE:		SHEET OF SHEETS							STA. TO STA.			



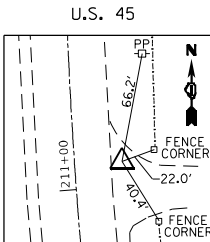
CONTROL POINT 1

IRON ROD
STA. 500+40.75 42.76 LT
N=2112669.5576
E=1069599.9111
ELEV.=792.59 (FB 792.48)



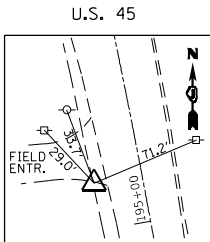
CONTROL POINT 2

IRON ROD
STA. 205+45.60 28.93 LT
N=2113151.5495
E=1069406.5315
ELEV.=795.31 (FB 795.25)



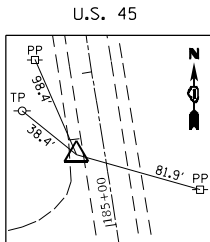
CONTROL POINT 3

MAG NAIL
STA STA. 211+19.13 19.62 RT
N=2113724.6293
E=1069361.6244
ELEV.=786.58 (FB 786.51)



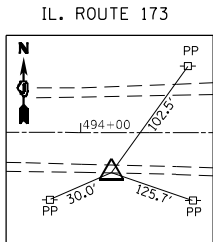
CONTROL POINT 4

IRON ROD
STA. 195+38.21 31.65 LT
N=2112170.3952
E=1069629.0447
ELEV.=793.26 (FB 793.21)



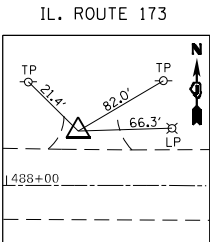
CONTROL POINT 5

MAG NAIL
STA. 185+48.63 18.21 LT
N=2111196.6347
E=1069800.1993
ELEV.=780.48 (FB 780.38)



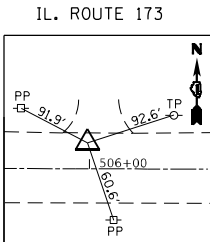
CONTROL POINT 6

IRON ROD
STA. 494+33.11 23.51 RT
N=2112604.9332
E=1068992.1019
ELEV.=796.42 (FB 796.33)



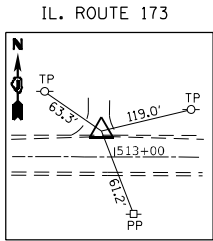
CONTROL POINT 7

MAG NAIL
STA. 488+28.77 20.95 LT
N=2112651.0324
E=1068387.8772
ELEV.=805.10 (FB 804.95)



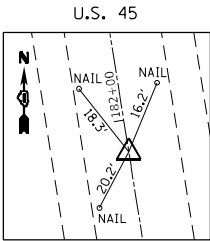
CONTROL POINT 8

MAG NAIL
STA. 506+07.33 20.80 LT
N=2112646.0597
E=1070166.4284
ELEV.=789.42 (FB 789.40)



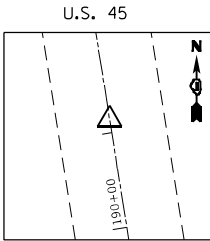
CONTROL POINT 9

IRON ROD
STA. 512+91.46 20.51 LT
N=2112643.9145
E=1070850.5585
ELEV.=771.14 (FB 771.04)



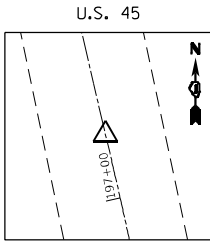
CONTROL POINT 100

NAIL
STA. 181+87.42 0.00 OFF
N=2110842.7766
E=1069874.9559
ELEV.=776.61



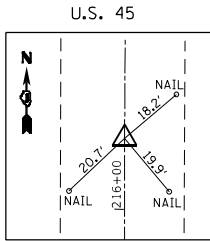
CONTROL POINT 101

STA. 191+13.71 0.03 RT
N=2111757.5599
E=1069729.3878
ELEV.=784.93



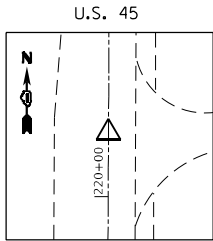
CONTROL POINT 102

STA. 197+67.89 0.03 RT
N=2112400.9043
E=1069611.9810
ELEV.=794.95



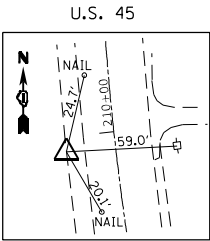
CONTROL POINT 104

NAIL
STA. 216+46.84
N=2114250.8920
E=1069337.0209
ELEV.=790.89



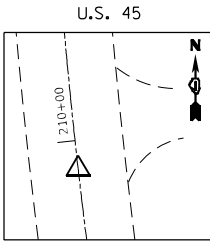
CONTROL POINT 105

STA. 220+11.92 0.01 RT
N=2114615.9690
E=1069338.5248
ELEV.=797.68



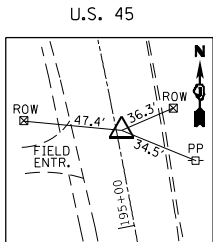
CONTROL POINT 106

NAIL
STA. 209+84.58 19.93 LT
N=2113587.0828
E=1069334.3009
ELEV.=791.32



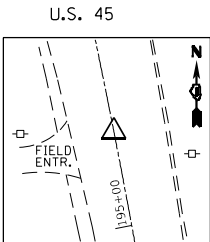
CONTROL POINT 107

STA. 209+84.53
N=2113589.2824
E=1069354.1045
ELEV.=790.87



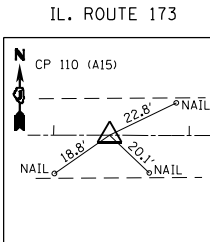
CONTROL POINT 108

NAIL
STA. 195+62.07 3.35 RT
N=2112200.4151
E=1069658.8784
ELEV.=794.77



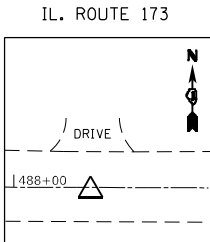
CONTROL POINT 109

STA. 195+61.98 0.00 OFF
N=2112199.6880
E=1069655.6076
ELEV.=794.84



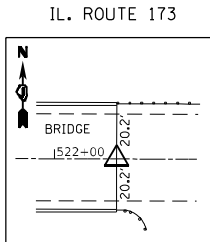
CONTROL POINT 110

NAIL
STA. 482+16.92
N=2112631.7440
E=1067775.9753
ELEV.=814.27



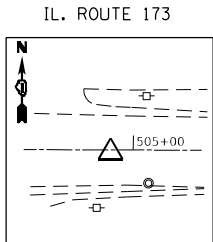
CONTROL POINT 111

STA. 488+66.05 0.63 RT
N=2112629.3567
E=1068425.0968
ELEV.=804.87



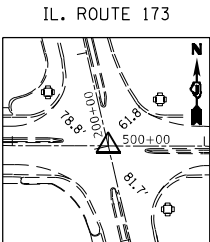
CONTROL POINT 112

NAIL
STA. 522+56.04
N=2112620.7847
E=1071815.0862
ELEV.=753.09



CONTROL POINT 113

STA. 504+82.49 0.79 RT
N=2112624.8108
E=1070041.5313
ELEV.=791.16



CONTROL POINT 114

NAIL
STA. 500+00.00 0.00 OFF
N=2112626.9060
E=1069559.0487
ELEV.=792.58

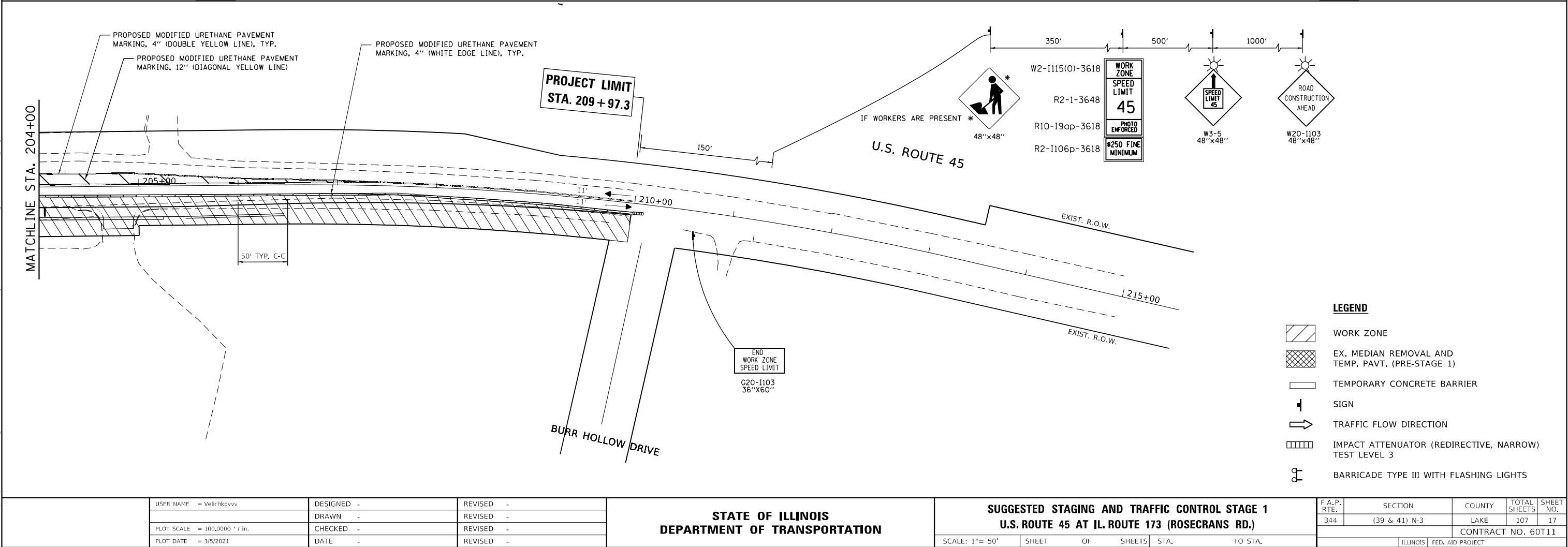
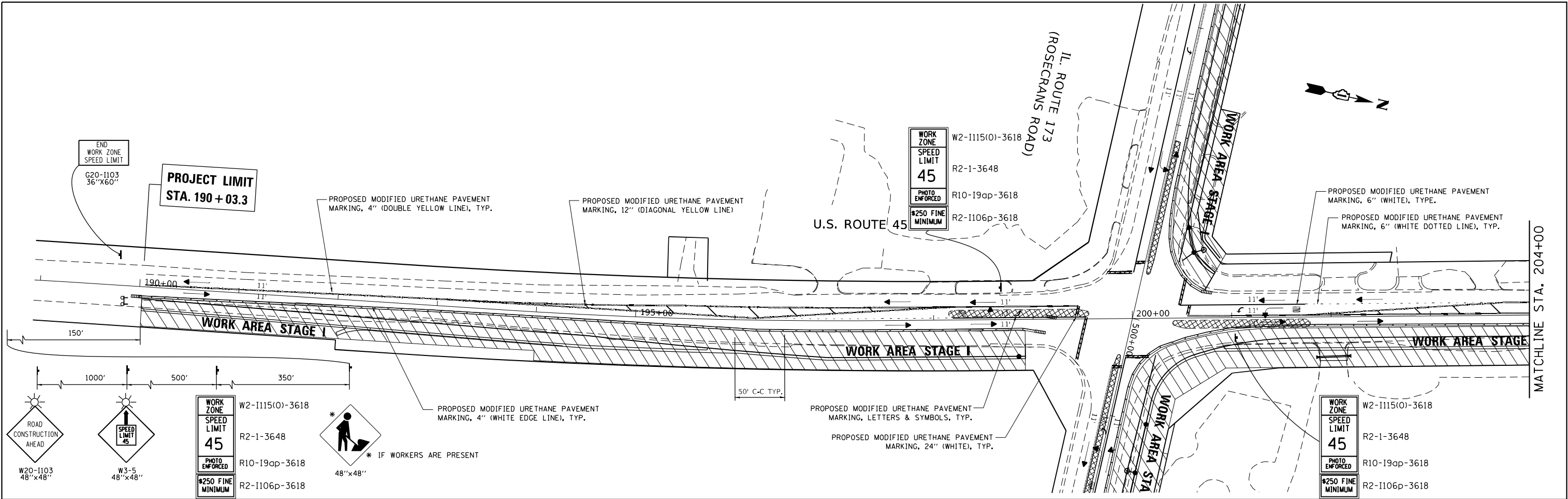
MODEL: Default
FILE: N:\MIS\proj\160209\CADD\DATA\CD\chests\160209-2\16-ATB.dgn
PROJECT: 160209\CADD\DATA\CD\chests\160209-2\16-ATB.dgn
OFFICE: District 1
CONTRACT: 344
SHEET: 16
DATE: 3/5/2021

USER NAME = Velichkovv	DESIGNED -	REVISED -
PLOT SCALE = 200,000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS U.S. ROUTE 45 AT IL. ROUTE 173			
SCALE:	SHEET	OF	SHEETS
TO STA.	TO STA.	TO STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	16
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				



MODEL: Default
FILE: \\nwc-01\pub\amoon\dot\illinois\dot\pww\DOT\Documents\DOT Office\District 1\Project\PI 60209\CADD\Drawings\PI 60209-01-01-01-01.dgn

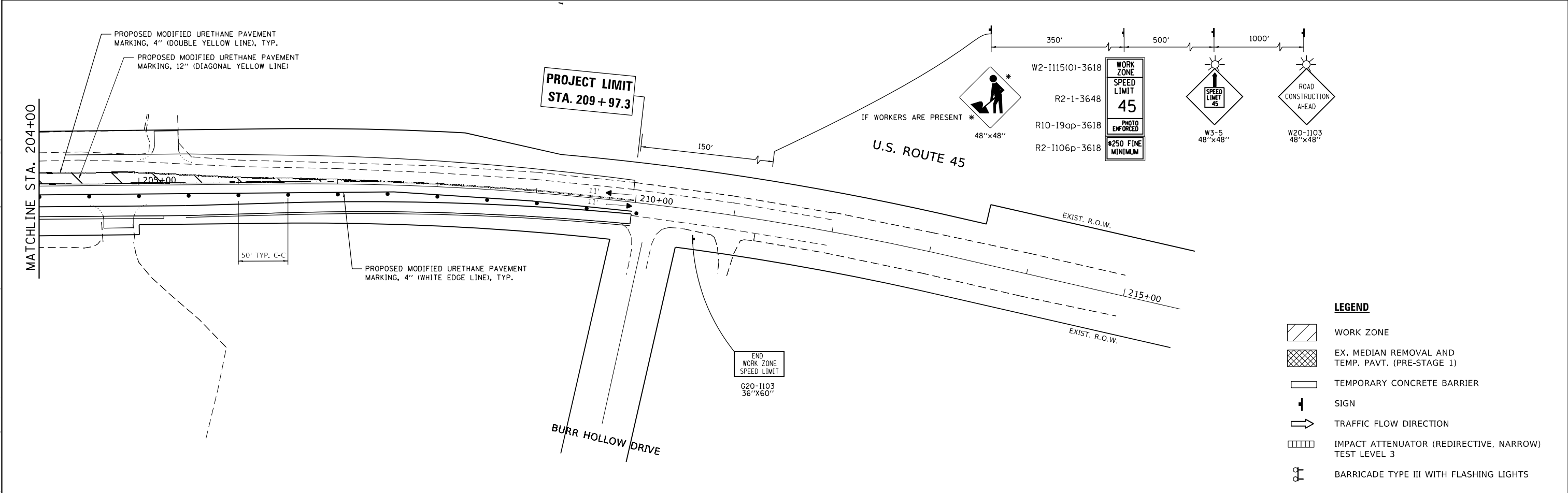
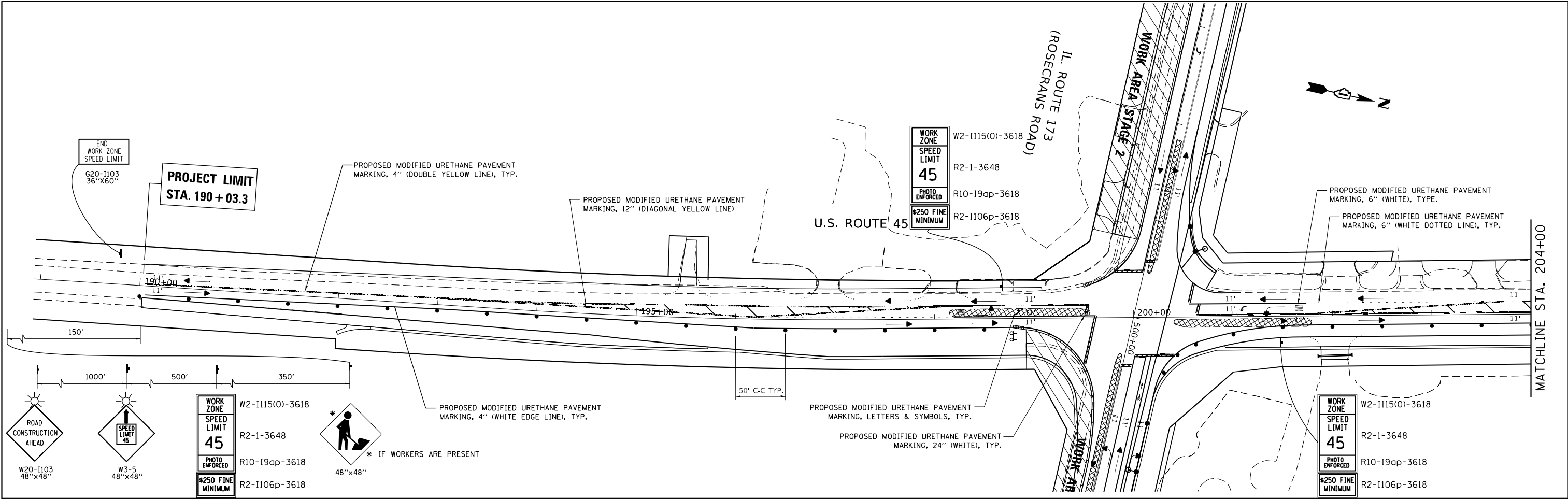
USER NAME	= Velichkovv	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVIS	-
PLOT DATE	= 3/5/2021	DATE	-	REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING AND TRAFFIC CONTROL STAGE 1
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)

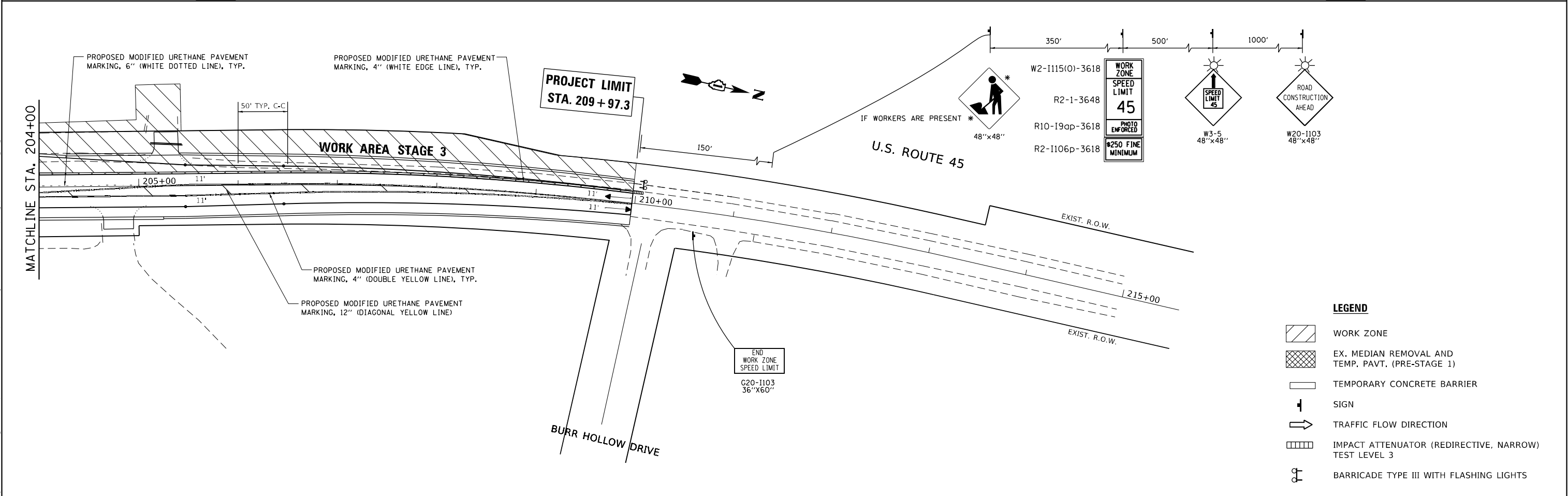
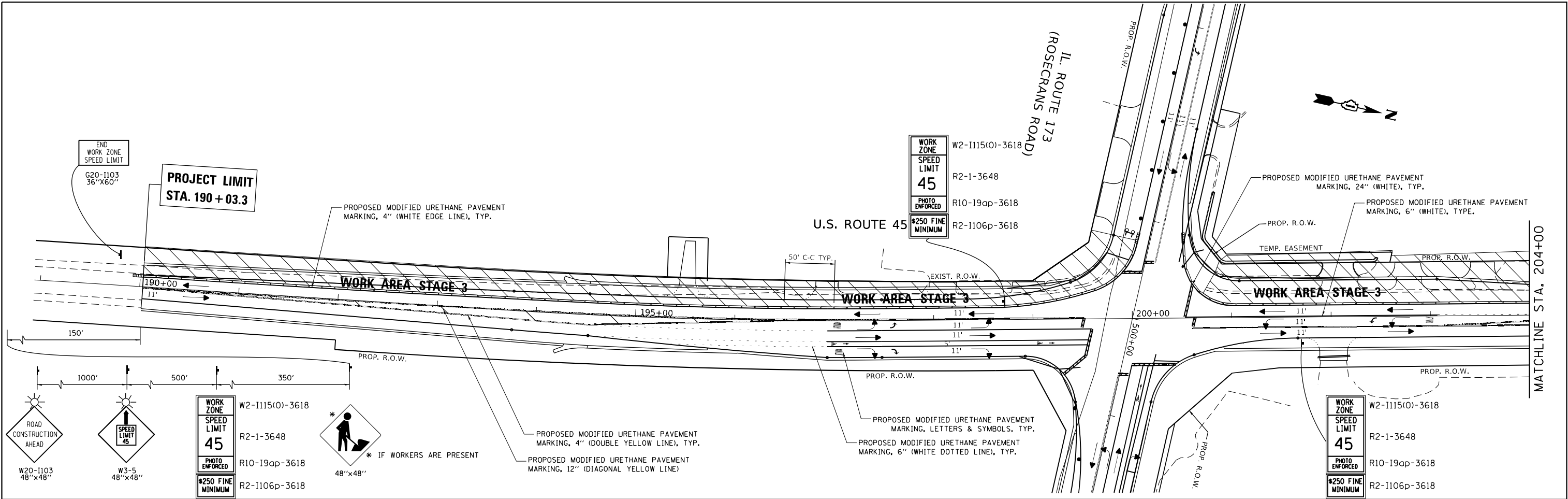
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	17
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				



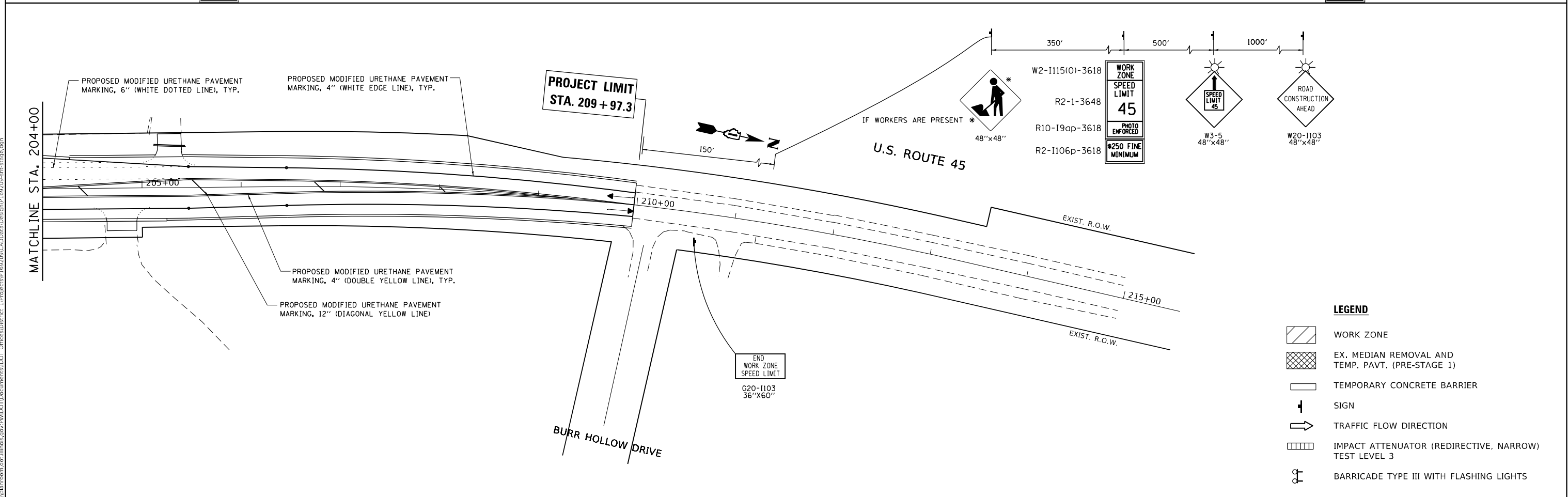
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUGGESTED STAGING AND TRAFFIC CONTROL STAGE 2 U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)				F.A.P. RTE. 344		SECTION (39 & 41) N-3		COUNTY LAKE		TOTAL SHEETS 107		SHEET NO. 18	
SCALE: 1"= 50'				SHEET OF SHEETS STA. TO STA.				ILLINOIS		FED. AID PROJECT		CONTRACT NO. 60T11					

USER NAME = Velichkovv	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE -	REVISED -



LEGEND				
	WORK ZONE			
	EX. MEDIAN REMOVAL AND TEMP. PAVT. (PRE-STAGE 1)			
	TEMPORARY CONCRETE BARRIER			
	SIGN			
	TRAFFIC FLOW DIRECTION			
	IMPACT ATTENUATOR (REDIRECTIVE, NARROW) TEST LEVEL 3			
	BARRICADE TYPE III WITH FLASHING LIGHTS			

MODEL: Default FILE: N:\Users\jgallagher\OneDrive\Documents\DOT Office\District 1\Projects\PI 169209\CADD\DATA\Design\PI 169209-09-01-01-01.dgn	USER NAME = Velichkovvv		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGING AND TRAFFIC CONTROL STAGE 3 U.S. ROUTE 45 AT IL ROUTE 173 (ROSECRANS RD.)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		CHECKED -	REVISED -		SCALE: 1"= 50'				344	(39 & 41) N-3	LAKE	107	19
	PLOT SCALE = 100,0000 ' / in.		DATE -	REVISED -		SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 60T11				
	PLOT DATE = 3/5/2021									ILLINOIS FED. AID PROJECT				



USER NAME = Velichkovvv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

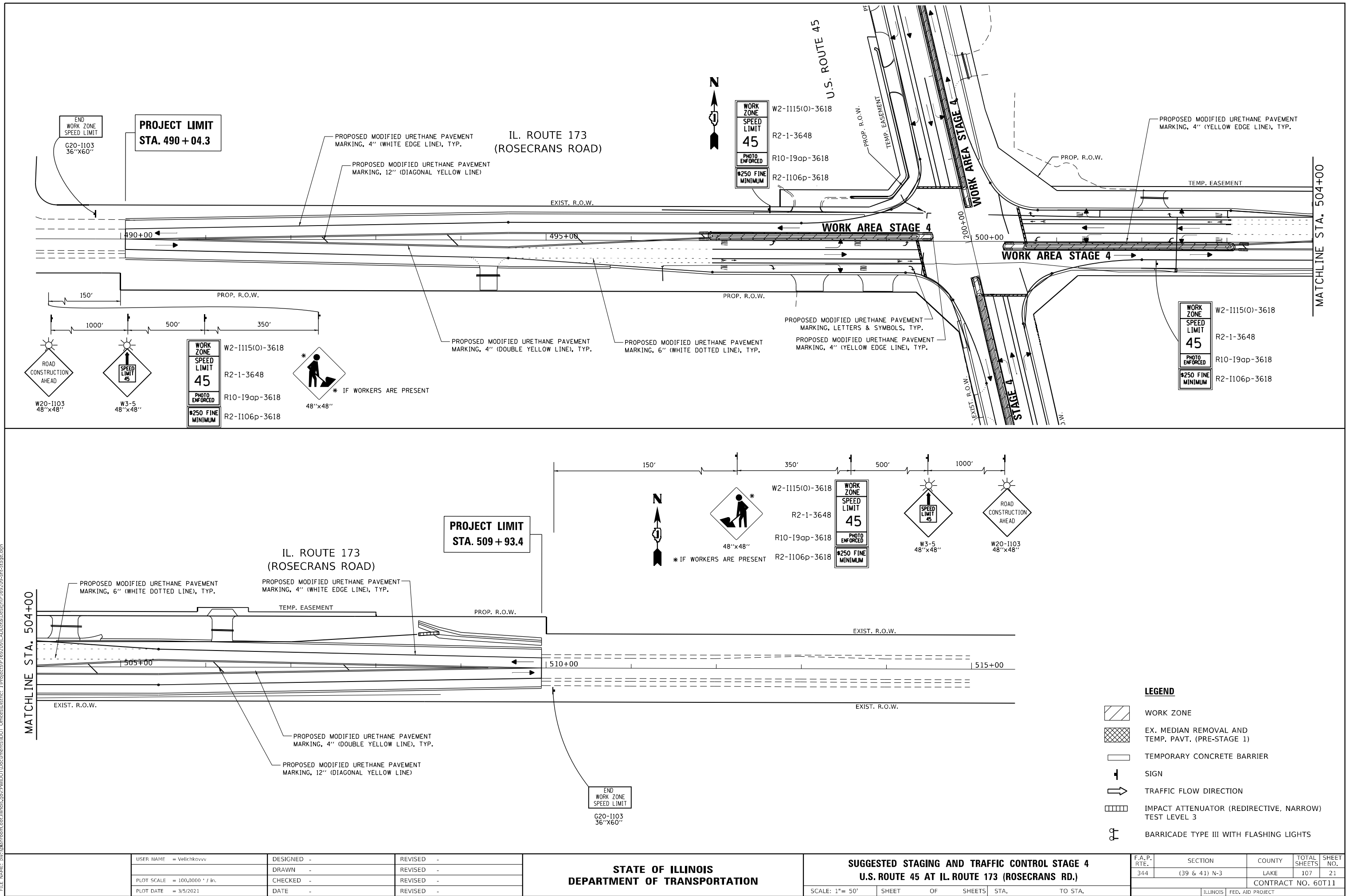
SUGGESTED STAGING AND TRAFFIC CONTROL STAGE 4
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)

SCALE: 1"= 50'	SHEET	OF	SHEETS	STA.	TO STA.
----------------	-------	----	--------	------	---------

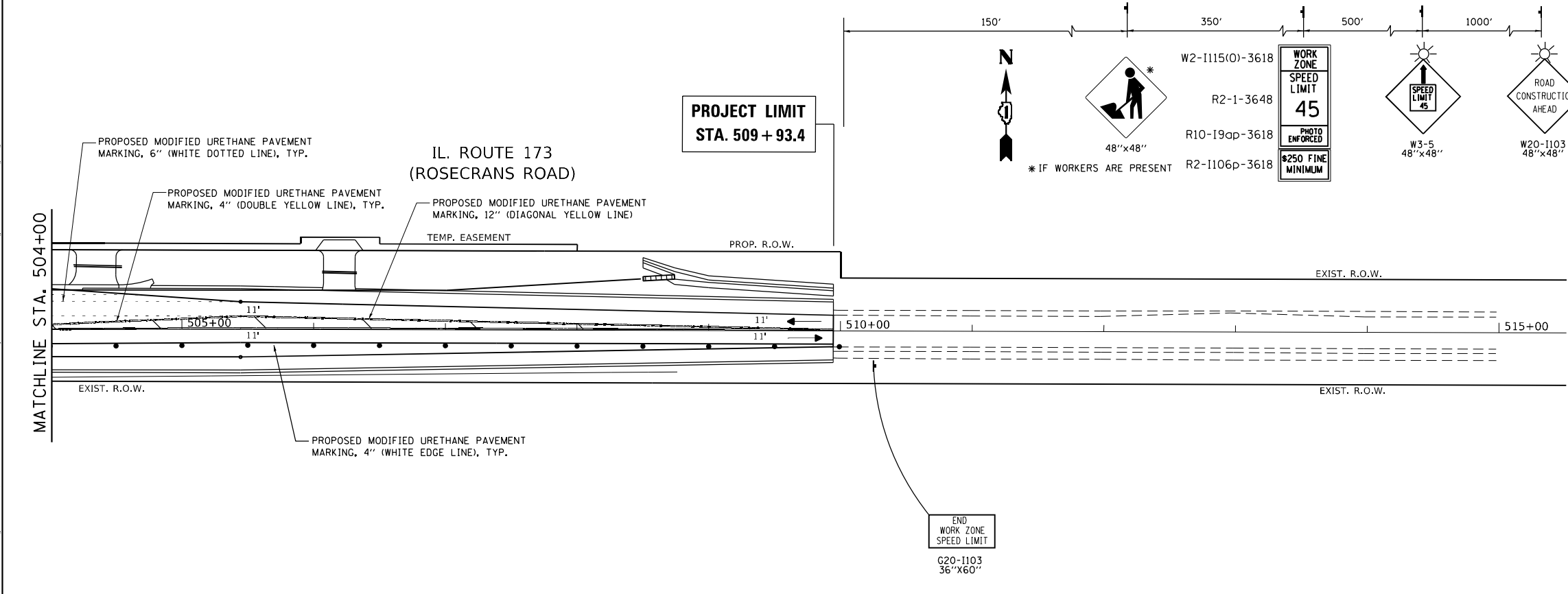
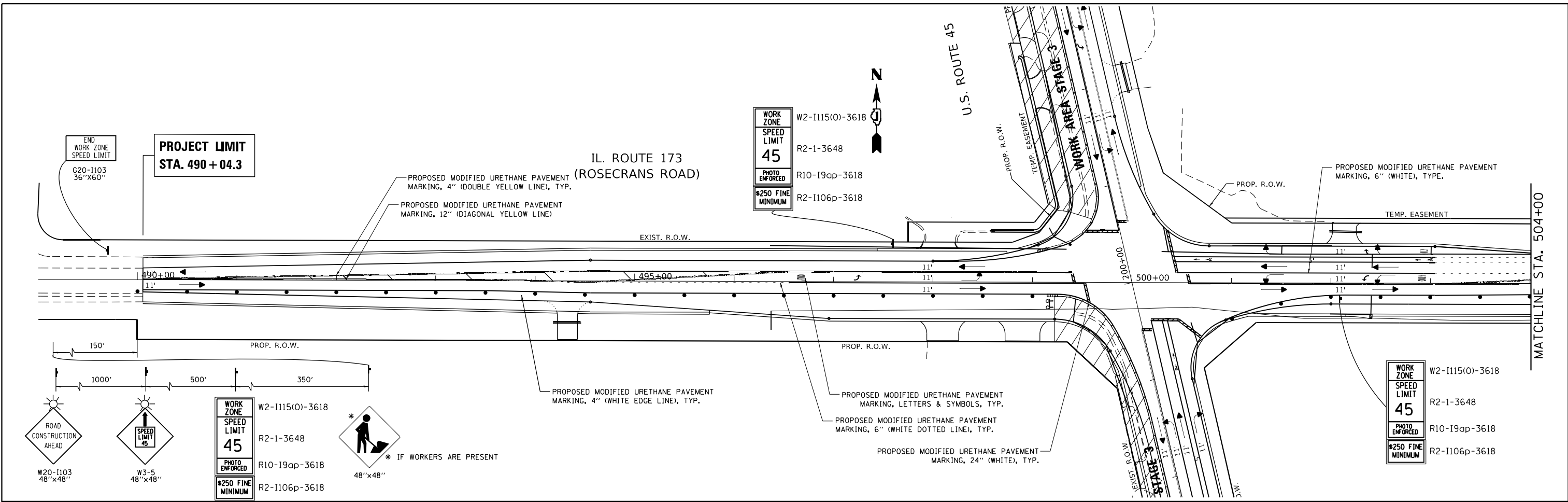
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	20
		CONTRACT NO. 60T11		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
FILE NAME: osw:\planroom\dot.ilindis.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\P169209\CADData\Design\P169209-sft-stage.dgn

MODEL: Default
FILE: \\nrtc-01\public\jordanm.don\illinois\gov\PWIDOT\Documents\DOT Office\District 1\Projects\169209\CADD\DATA\Design\169209-01b-ctb29g.dgn



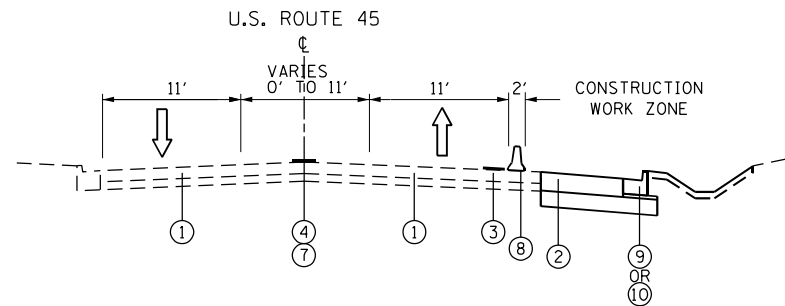
MODEL: Default
FILE: A:\Users\paul.damon\OneDrive\Illinois\gov\PIWDOT\Documents\IDOT Office\District 1\Projects\PI169209\CADD\Drawings\169209-01-01-01-01-01-01.dgn



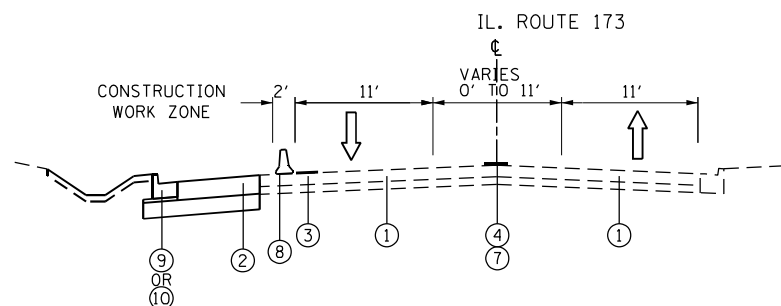
LEGEND

- WORK ZONE
- EX. MEDIAN REMOVAL AND TEMP. PAVT. (PRE-STAGE 1)
- TEMPORARY CONCRETE BARRIER
- SIGN
- TRAFFIC FLOW DIRECTION
- IMPACT ATTENUATOR (REDIRECTIVE, NARROW) TEST LEVEL 3
- BARRICADE TYPE III WITH FLASHING LIGHTS

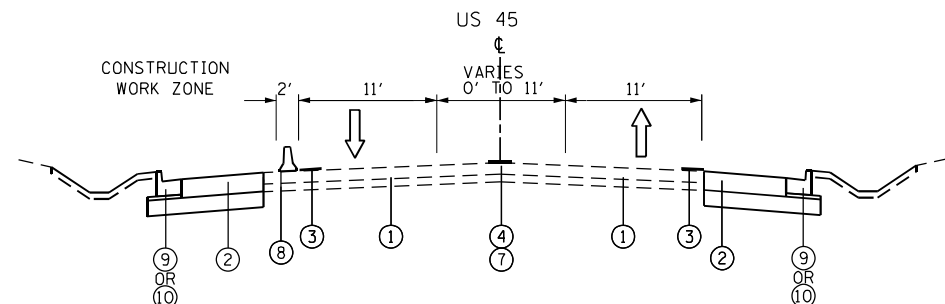
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUGGESTED STAGING AND TRAFFIC CONTROL STAGE 3 U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 1"= 50'				SHEET OF SHEETS STA. TO STA.				344	(39 & 41) N-3	LAKE	107	22
USER NAME = Velichkovv				DESIGNED -				CONTRACT NO. 60T11				
DRAWN -				REVISD -				ILLINOIS FED. AID PROJECT				
PLOT SCALE = 100,000 ' / in.				CHECKED -								
PLOT DATE = 3/5/2021				REVISD -								
DATE -				REVISD -								



STAGE I TYPICAL SECTION
US 45

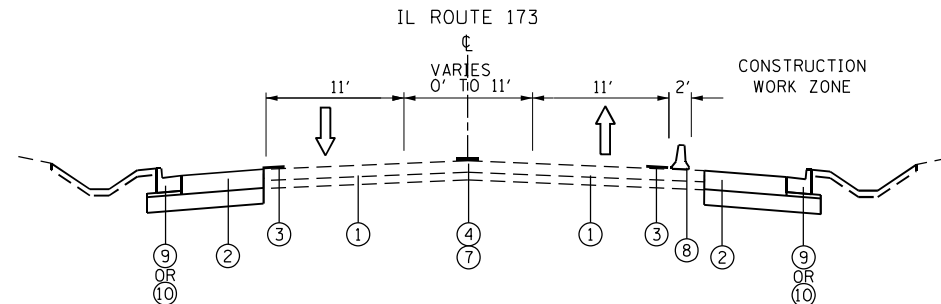


STAGE I TYPICAL SECTION
IL 173

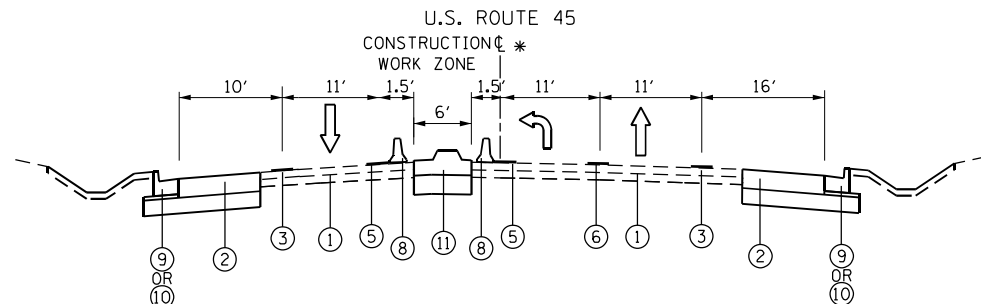


STAGE III TYPICAL SECTION

US 45

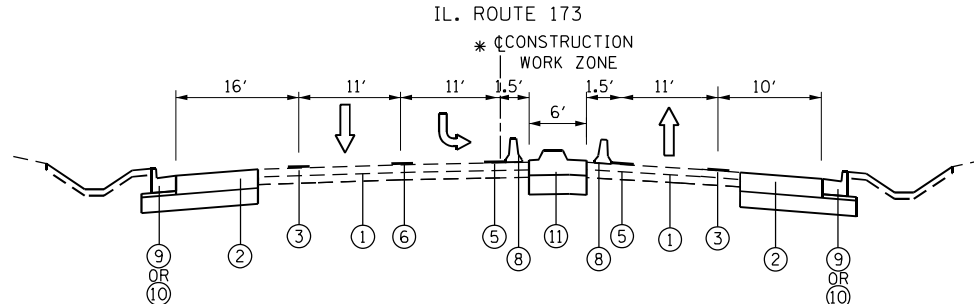


STAGE II TYPICAL SECTION
IL 173



STAGE IV TYPICAL SECTION
US 45

* MIRROR ABOUT THE CENTERLINE FOR THE EASTBOUND
IL 173 AND SOUTHBOUND US 45



STAGE IV TYPICAL SECTION
IL 173

LEGEND

- | | | | |
|---|---|----|--|
| 1 | EXISTING HMA PAVEMENT | 7 | PROP. MODIFIED URETHANE PAVEMENT MARKING, 12" DIAGONAL YELLOW LINE |
| 2 | PROPOSED HMA PAVEMENT | 8 | TEMPORARY CONCRETE BARRIER |
| 3 | PROP. MODIFIED URETHANE PAVEMENT MARKING, 4" WHITE EDGE LINE | 9 | PROPOSED HMA SHOULDER |
| 4 | PROP. MODIFIED URETHANE PAVEMENT MARKING, 4" DOUBLE YELLOW LINE | 10 | PROPOSED CONC. CURB & GUTTER |
| 5 | PROP. MODIFIED URETHANE PAVEMENT MARKING, 4" YELLOW EDGE LINE | 11 | PROPOSED CONCRETE MEDIAN |
| 6 | PROP. MODIFIED URETHANE PAVEMENT MARKING, 6" WHITE LINE | | |

GENERAL NOTES

ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A SUGGESTED MAINTENANCE OF TRAFFIC AND IF NECESSARY SHALL BE REVISED TO MAINTAIN SAFE TRAFFIC FLOW DURING EXECUTION OF THIS CONTRACT. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE CONSTRUCTION SIGNING. SIGNS SHALL BE ERECTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION. SIGNS SHALL BE TAKEN DOWN AS SOON AS THEY ARE NO LONGER APPLICABLE ON A CONTINUOUS BASIS AND RE-ERECTED AS APPROPRIATE.

THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.

ALL WORK RELATED TO MAINTENANCE OF TRAFFIC WILL FOLLOW IDOT HIGHWAY STANDARDS, INCLUDING STANDARDS 701201, 701301, 701306, 701311, 701326 AND 701701.

ONE LANE (11 FEET) IN EACH DIRECTION SHALL BE KEPT OPEN TO THROUGH TRAFFIC DURING ALL STAGES OF CONSTRUCTION.

PRE-STAGE__

EXISTING MEDIAN ON US 45 AND IL 173 SHOULD BE REMOVED AND TEMPORARY PAVEMENT WILL BE CONSTRUCTED TO MAINTAIN THE EXISTING TRAFFIC DURING ALL STAGES OF CONSTRUCTION (SEE THE MOT PLANS).

STAGE I

EXISTING PAVEMENT MARKINGS CONFLICTING WITH THE PROPOSED LANE CONFIGURATION SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL. PROPOSED TEMPORARY PAVEMENT MARKINGS SHALL BE ACCORDING TO THE SUGGESTED STAGE I & II MAINTENANCE OF TRAFFIC OR AS DIRECTED BY THE ENGINEER AND SHALL UTILIZE TEMPORARY PAVEMENT MARKING PAINT AND/OR TAPE.

REMOVE EXISTING PAVEMENT, SHOULDERS, DRAINAGE ITEMS AND ANY ITEMS ALONG THE EAST SIDE OF US 45 AND NORTH SIDE OF IL 173 AS SHOWN FOR REMOVAL ON THE ROADWAY AND DRAINAGE PLAN SHEETS.

IMMEDIATELY AFTER THE REMOVAL, ACCESS TO THE ENTRANCES SHALL BE MAINTAINED USING APPROPRIATE PAY ITEMS FOR TEMPORARY ACCESS.

CONSTRUCT PAVEMENT WIDENING FOR RIGHT TURN LANE AND SHOULDER, CORNER CURBS AND RADIUS OF RETURN, HMA AND AGGREGATE SHOULDERS, RELOCATION/REGRADE OF THE DRAINAGE DITCHES ALONG THE EAST SIDE OF US 45 AND NORTH SIDE OF IL 173 AS SHOWN ON THE ROADWAY AND DRAINAGE PLAN SHEETS.

STAGE II

REMOVE EXISTING PAVEMENT, SHOULDERS, DRAINAGE ITEMS AND ANY ITEMS ALONG THE SOUTH SIDE OF IL 173 AS SHOWN FOR REMOVAL ON THE ROADWAY AND DRAINAGE PLAN SHEETS. IMMEDIATELY AFTER THE REMOVAL, ACCESS TO THE ENTRANCES SHALL BE MAINTAINED USING APPROPRIATE PAY ITEMS FOR TEMPORARY ACCESS.

CONSTRUCT PAVEMENT WIDENING FOR RIGHT TURN LANE AND SHOULDER, CORNER CURBS AND RADIUS OF RETURN, HMA AND AGGREGATE SHOULDERS, RELOCATION/REGRAIDING OF THE DRAINAGE DITCHES ALONG THE SOUTH SIDE OF IL 173 AS SHOWN ON THE ROADWAY AND DRAINAGE PLAN SHEETS.

STAGE III

REMOVE EXISTING PAVEMENT, SHOULDERS, DRAINAGE ITEMS AND ANY ITEMS ALONG THE WEST SIDE OF US 45 AS SHOWN FOR REMOVAL ON THE ROADWAY AND DRAINAGE PLAN SHEETS. IMMEDIATELY AFTER THE REMOVAL, ACCESS TO THE ENTRANCES SHALL BE MAINTAINED USING APPROPRIATE PAY ITEMS FOR TEMPORARY ACCESS.

CONSTRUCT PAVEMENT WIDENING FOR RIGHT TURN LANE AND SHOULDER, CORNER
CURBS AND RADIUS OF RETURN, HMA AND AGGREGATE SHOULDERS,
RELOCATION/REGRADE OF THE DRAINAGE DITCHES ALONG THE WEST SIDE OF US
45 AS SHOWN ON THE ROADWAY AND DRAINAGE PLAN SHEETS.

THE PROPOSED THERMOPLASTIC PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS (WHERE APPLICABLE) WILL BE INSTALLED AFTER PAVING HAS BEEN COMPLETED.

STAGE IV

CONSTRUCT MEDIAN WITH DAYTIME LANE CLOSURES WITH FLAGGERS.
RESURFACE EXISTING PAVEMENT.

USER NAME = Vellichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MOT TYPICAL SECTIONS & GENERAL NOTES US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			344	(39 & 41)N-3	LAKE	107	25	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 60T11					
PLOT DATE = 3/5/2021	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		

HMA SURFACE REMOVAL, 2 1/2"

MEDIAN REMOVAL

COMB. CONC. CURB AND GUTTER REMOVAL

PAVED SHOULDER REMOVAL

AGGREGATE SHOULDER REMOVAL (PAID FOR AS EXCAVATION)

DRIVEWAY PAVEMENT REMOVAL

GRAVEL DRIVEWAY REMOVAL (PAID FOR AS EXCAVATION)

PARKING LOT PAVEMENT REMOVAL

CURB REMOVAL

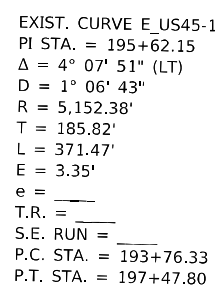
GUTTER REMOVAL

FENCE REMOVAL

PAVED DITCH REMOVAL

GUARDRAIL REMOVAL

**PROJECT LIMIT
STA. 190 + 03.3**



1	<u>RESURFACING</u>	7	PROP. COMB. CONC. CURB AND GUTTER, TYPE B-6.24
	–PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"	8	PROP. CONCRETE MEDIAN, TYPE M-6.12
	–PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"	9	PROP. CONCRETE MEDIAN, TYPE M-6.24
2	<u>WIDENING</u>	10	PROP. HMA SHOULDER, 8"
	–PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"	11	PROP. AGGREGATE SHOULDER, TYPE B
	–PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"	12	PROP. CLASS SI CONCRETE OUTLET
	–PROP. HMA BINDER COURSE, IL-19.0, 8 1/2"		
	–PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"		
3	<u>P.E. DRIVEWAY</u>		
	–PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"		
	–PROP. HMA BASE COURSE, 6"		
4	<u>C.E. DRIVEWAY</u>		
	–PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"		
	–PROP. HMA BASE COURSE, 8"		
5	<u>FIELD ENTRANCE</u>		
	–PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"		
	–PROP. AGGREGATE BASE COURSE, TYPE B, 8"		
6	<u>C.E. RIGID DRIVEWAY</u>		
	–PROP. PCC DRIVEWAY PAVEMENT, 8"		



USER NAME = Velichkovvv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING & PROPOSED ROADWAY PLAN U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						344	(39 & 41) N-3	LAKE	107	26
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 60T11				
PLOT DATE = 3/5/2021	DATE -	REVISED -		SCALE: 1"= 50'	SHEET	OF	SHEETS	STA.	TO STA.			

MODEL: Default
FILE NAME: new\va\va\room dot illinois com\DOT Documents\DOT_Offices\District_1\Projects\P160700\CAD sheets\P160700-shr-plant.dgn



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED ROADWAY PLAN U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				344	(39 & 41) N-3	LAKE	107	27
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 60T11				
				ILLINOIS FED. AID PROJECT				

PROFILE				BY	DATE
		SURVEYED _____			
		PLOTTED _____			
	NOTE BOOK	GRADES CHECKED _____			
		B.M. NOTED _____			
	NO. _____	STRUCTURE NOTATIONS CHK'D _____			

	USER NAME = Velichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PROFILE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)				344	(39 & 41) N-3	LAKE	107	28
	PLOT SCALE = 100,000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 60T11				
	PLOT DATE = 3/5/2021	DATE -	REVISED -		SCALE: 1"= 50'	SHEET	OF	SHEETS	STA.	TO STA.			

LEGEND

- 1

HMA SURFACE REMOVAL, 2 1/2"
- 2

MEDIAN REMOVAL
- 3

COMB. CONC. CURB AND GUTTER REMOVAL
- 4

PAVED SHOULDER REMOVAL
- 5

AGGREGATE SHOULDER REMOVAL (PAID FOR AS EXCAVATION)
- 6

DRIVEWAY PAVEMENT REMOVAL
- 7

GRAVEL DRIVEWAY REMOVAL (PAID FOR AS EXCAVATION)
- 8

PARKING LOT PAVEMENT REMOVAL
- 9

CURB REMOVAL
- 10

GUTTER REMOVAL
- 11

FENCE REMOVAL
- 12

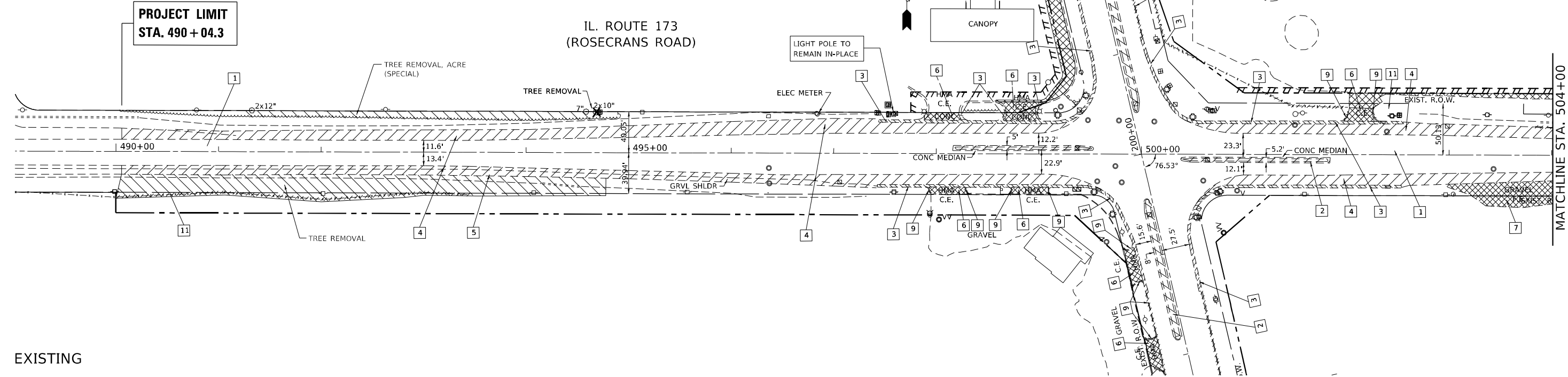
PAVED DITCH REMOVAL
- 13

GUARDRAIL REMOVAL



TREE PROTECTION WITH TEMPORARY
FENCE AND TREE ROOT PRUNING

TREE REMOVAL, ACRE
(SPECIAL)



EXISTING

LEGEND

- 1

RESURFACING
-PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"
-ROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
- 2

WIDENING
-PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"
-PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
-PROP. HMA BINDER COURSE, IL-19.0, 8 1/2"
-PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
- 3

P.E. DRIVEWAY
-PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
-PROP. HMA BASE COURSE, 6"
- 4

C.E. DRIVEWAY
-PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
-PROP. HMA BASE COURSE, 8"
- 5

FIELD ENTRANCE
-PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
-PROP. AGGREGATE BASE COURSE, TYPE B, 8"
- 6

C.E. RIGID DRIVEWAY
-PROP. PCC DRIVEWAY PAVEMENT, 8"
- 7

PROP. COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- 8

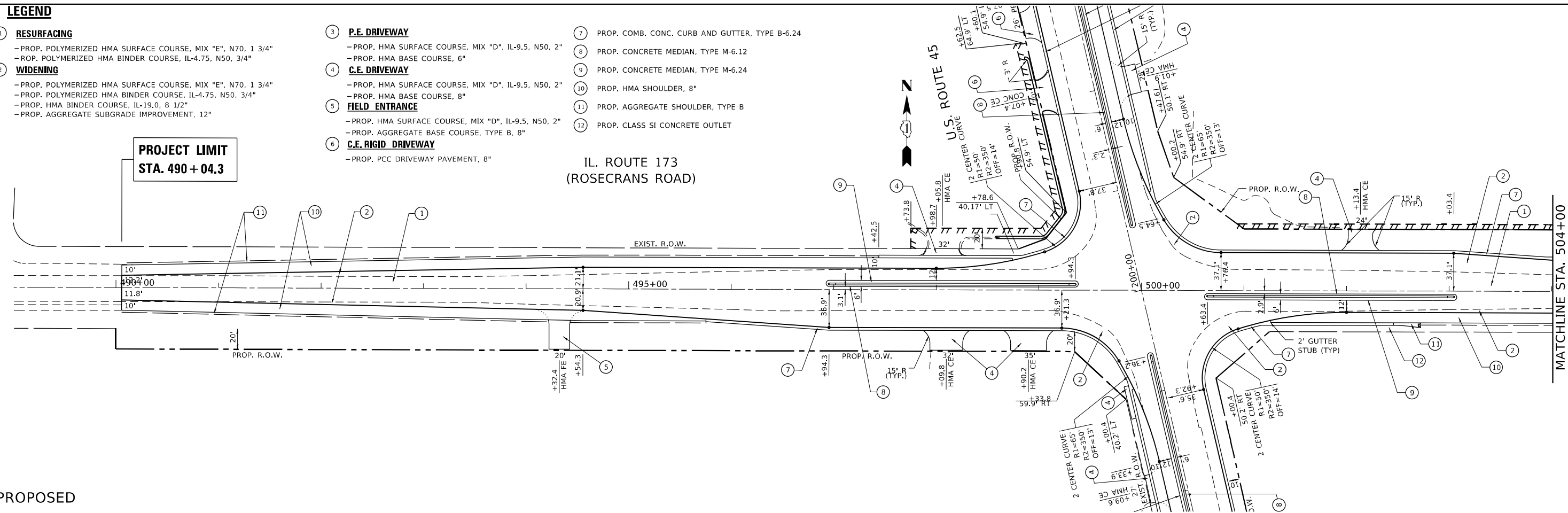
PROP. CONCRETE MEDIAN, TYPE M-6.12
- 9

PROP. CONCRETE MEDIAN, TYPE M-6.24
- 10

PROP. HMA SHOULDER, 8"
- 11

PROP. AGGREGATE SHOULDER, TYPE B
- 12

PROP. CLASS SI CONCRETE OUTLET



PROPOSED

USER NAME	= Velichkovv	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISION	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVISION	-
PLOT DATE	= 3/5/2021	DATE	-	REVISION	-

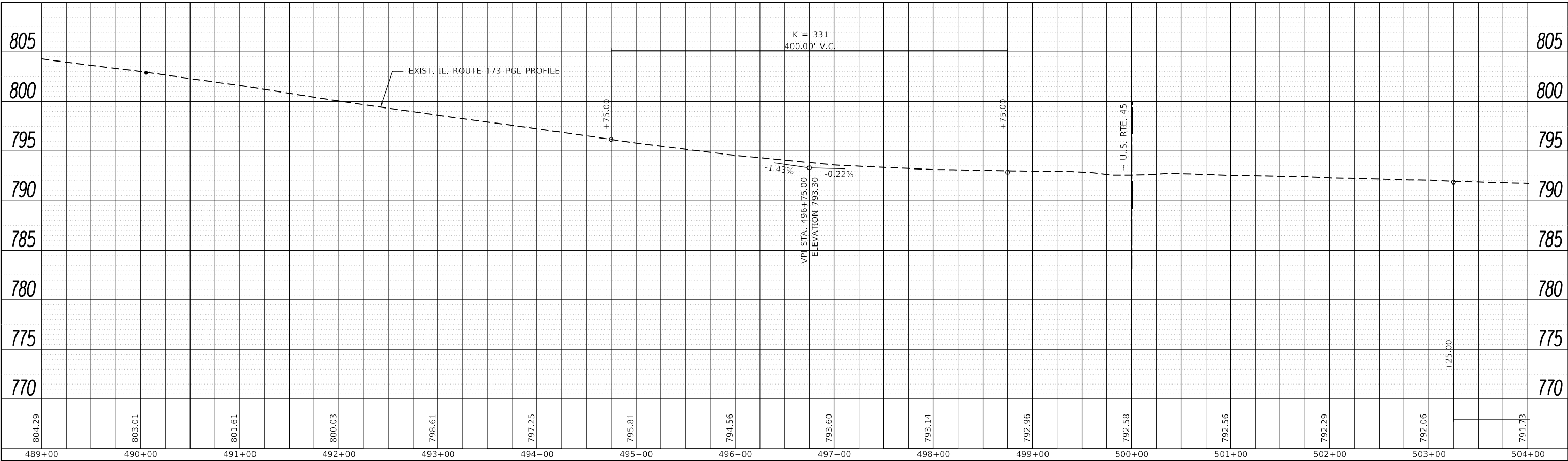
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED ROADWAY PLAN
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)

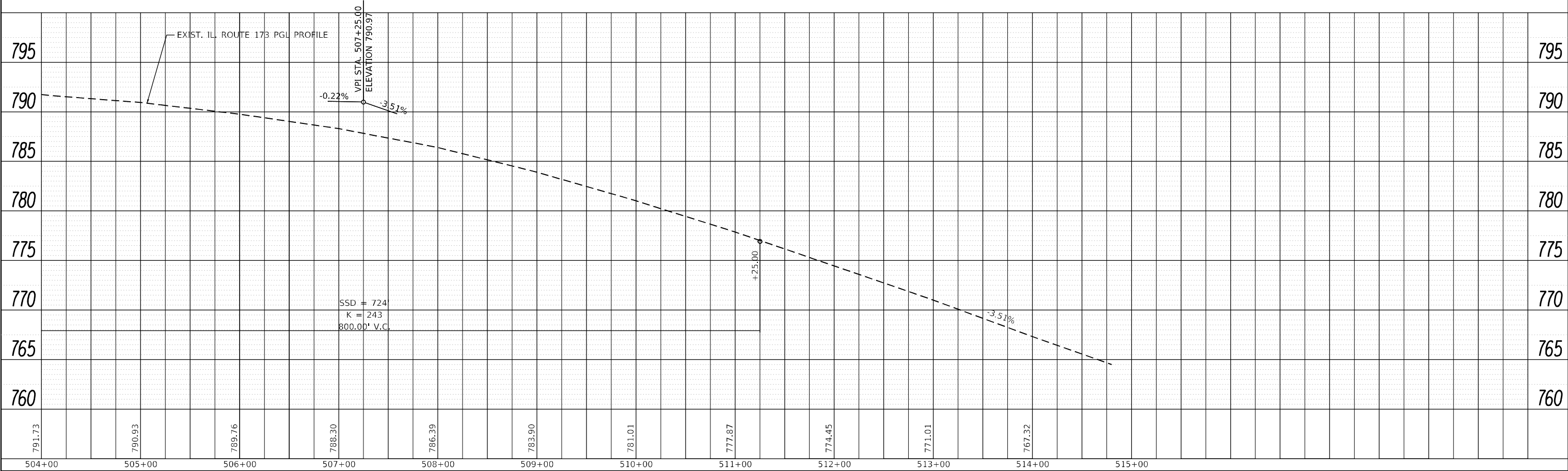
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	29
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		

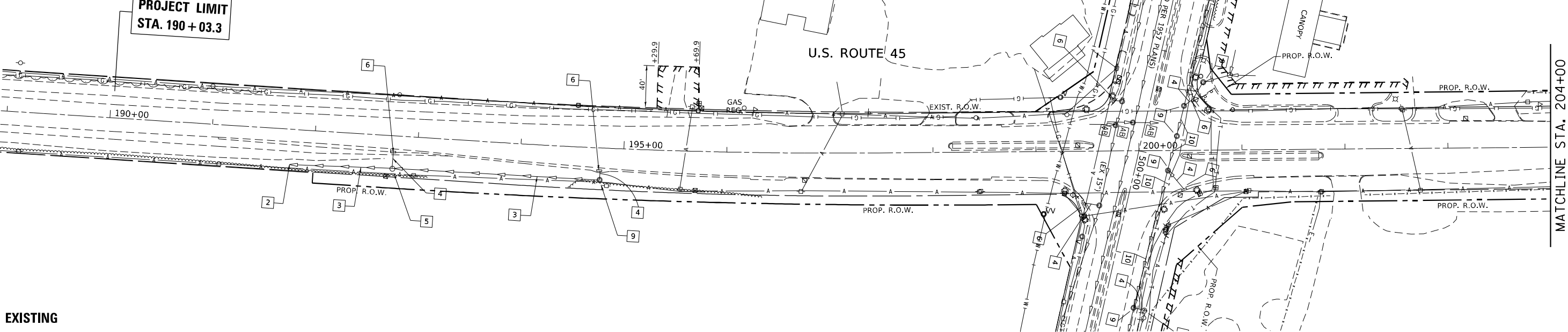


PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		

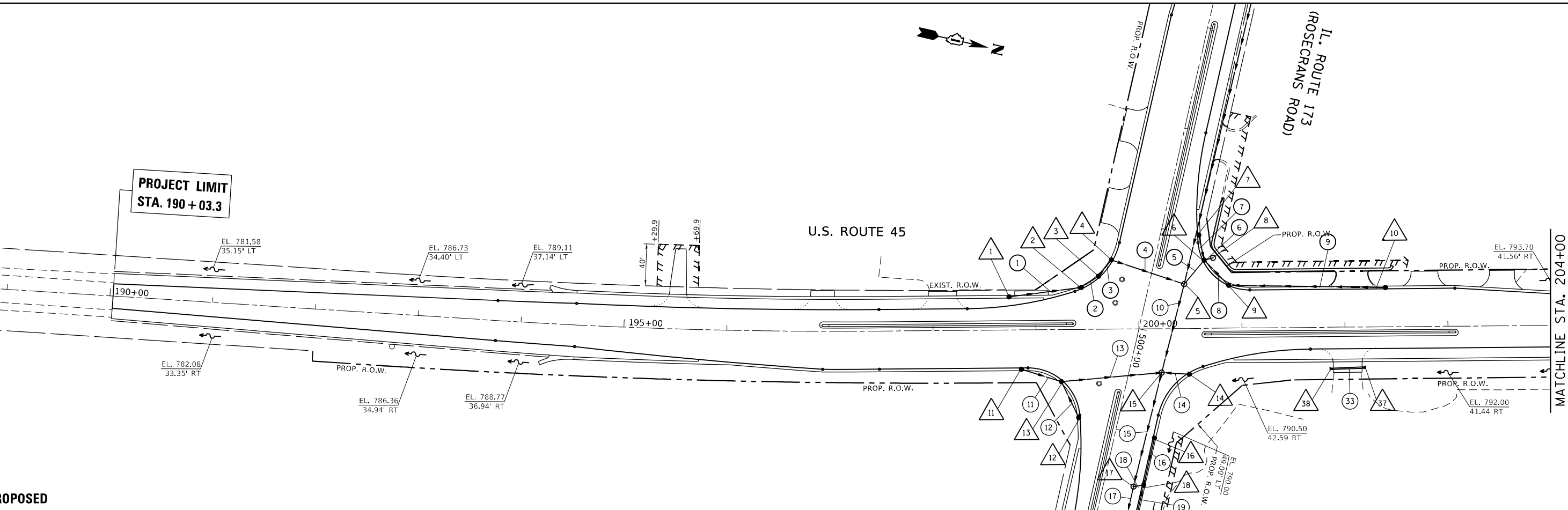


LEGEND

- 1 PIPE CULVERT REMOVAL
- 2 REMOVING EXISTING FES (INCLUDED IN THE COST OF PIPE REMOVAL)
- 3 STORM SEWER REMOVAL, 15"
- 4 STORM SEWER REMOVAL, 12"
- 5 REMOVING CATCH BASINS
- 6 REMOVING INLETS
- 7 DRAINAGE STRUCTURES TO BE CLEANED
- 8 PAVED DITCH REMOVAL
- 9 REMOVING MANHOLES
- 10 STORM SEWER REMOVAL, 24"



EXISTING



PROPOSED

USER NAME	= Velichkovv	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 3/5/2021	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED DRAINAGE PLAN			
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)			
SCALE: 1"= 50'	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	32
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

LEGEND

- 1

PIPE CULVERT REMOVAL
- 2

REMOVING EXISTING FES (INCLUDED IN THE COST OF PIPE REMOVAL)
- 3

STORM SEWER REMOVAL, 15"
- 4

STORM SEWER REMOVAL, 12"
- 5

REMOVING CATCH BASINS
- 6

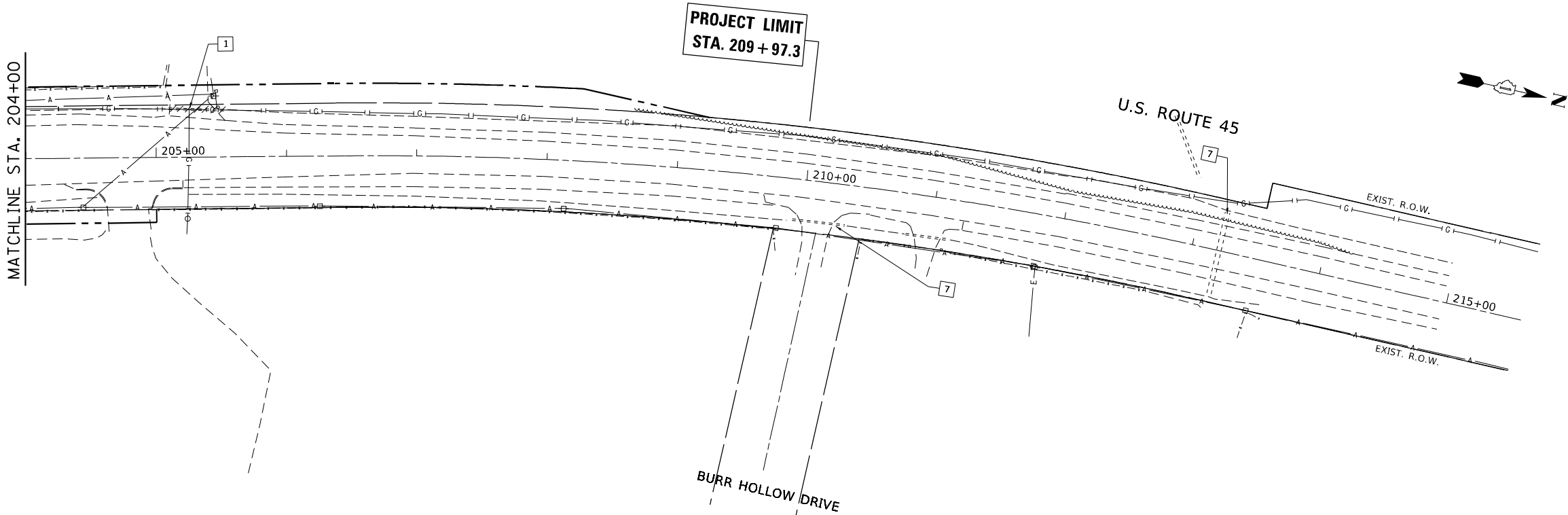
REMOVING INLETS
- 7

DRAINAGE STRUCTURES TO BE CLEANED
- 8

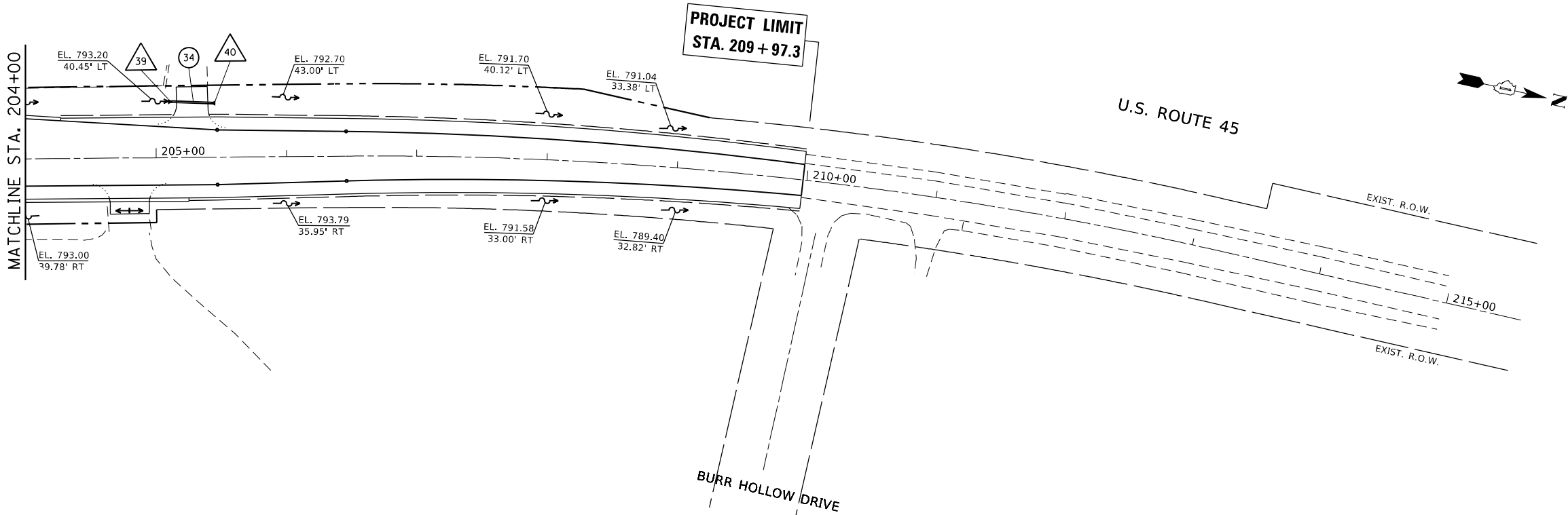
PAVED DITCH REMOVAL
- 9

REMOVING MANHOLES
- 10

STORM SEWER REMOVAL, 24"



EXISTING



PROPOSED

MODEL: Default
FILE: N:\MIS\proj\60T11\60T11.dwg
PROJECT: 60T11\60T11.dwg
CADD: 60T11\60T11.dwg
OFFICE: 60T11\60T11.dwg
DATE: 3/5/2021

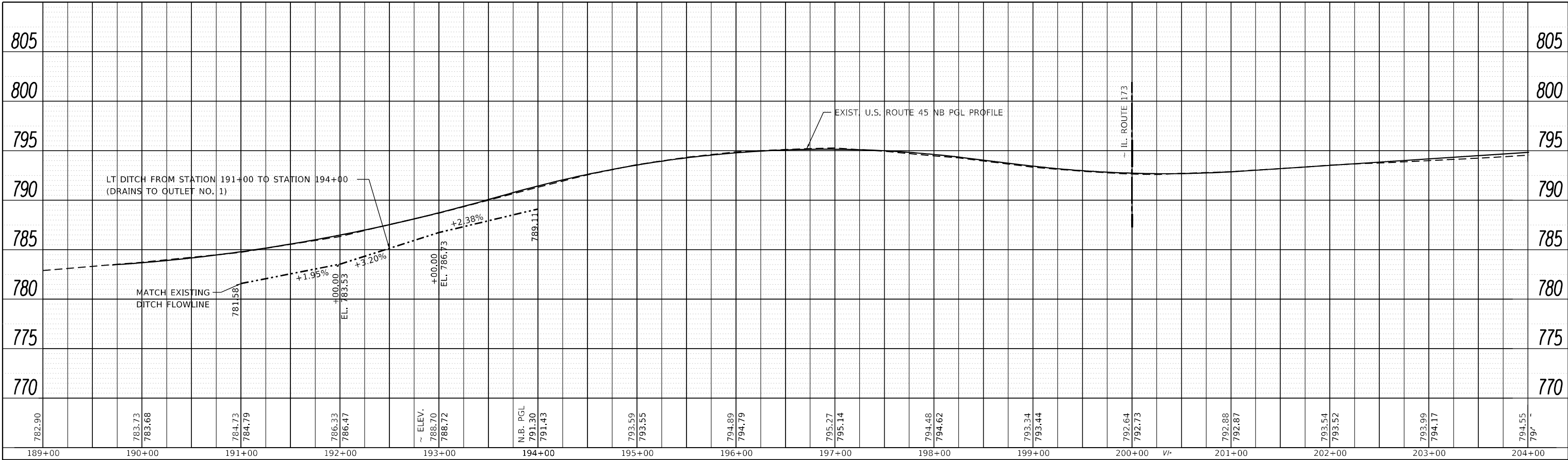
USER NAME	= Velichkovv	DESIGNED	-	REVISED	-
PLOT SCALE	= 100,0000 ' / in.	DRAWN	-	REVISED	-
PLOT DATE	= 3/5/2021	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

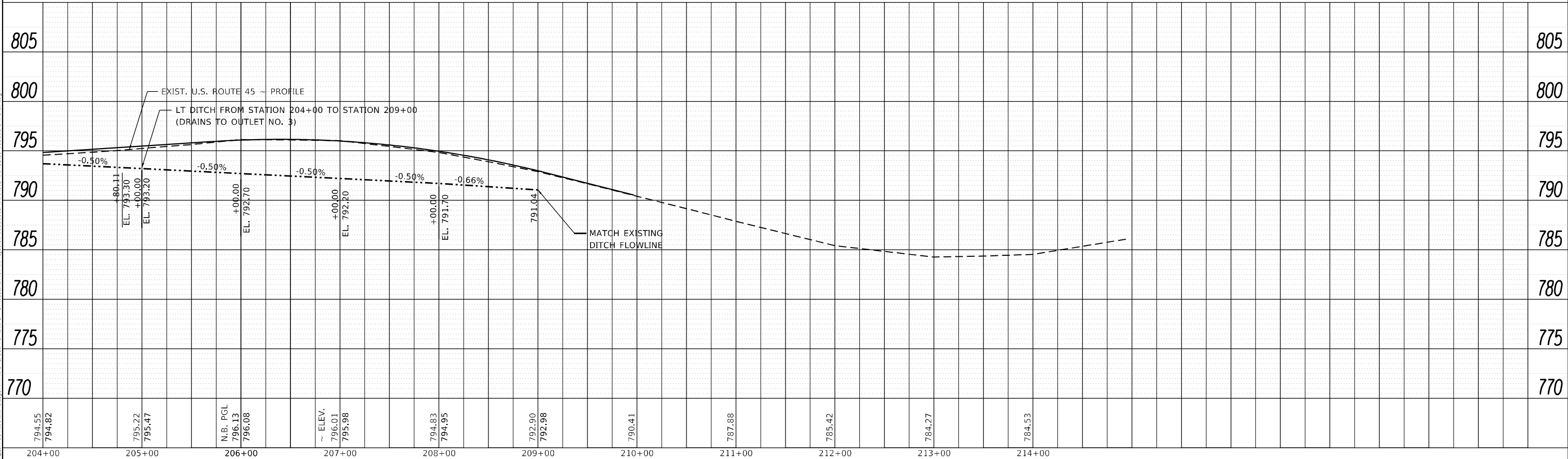
EXISTING & PROPOSED DRAINAGE PLAN			
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)			
SCALE: 1"= 50'	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	33
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

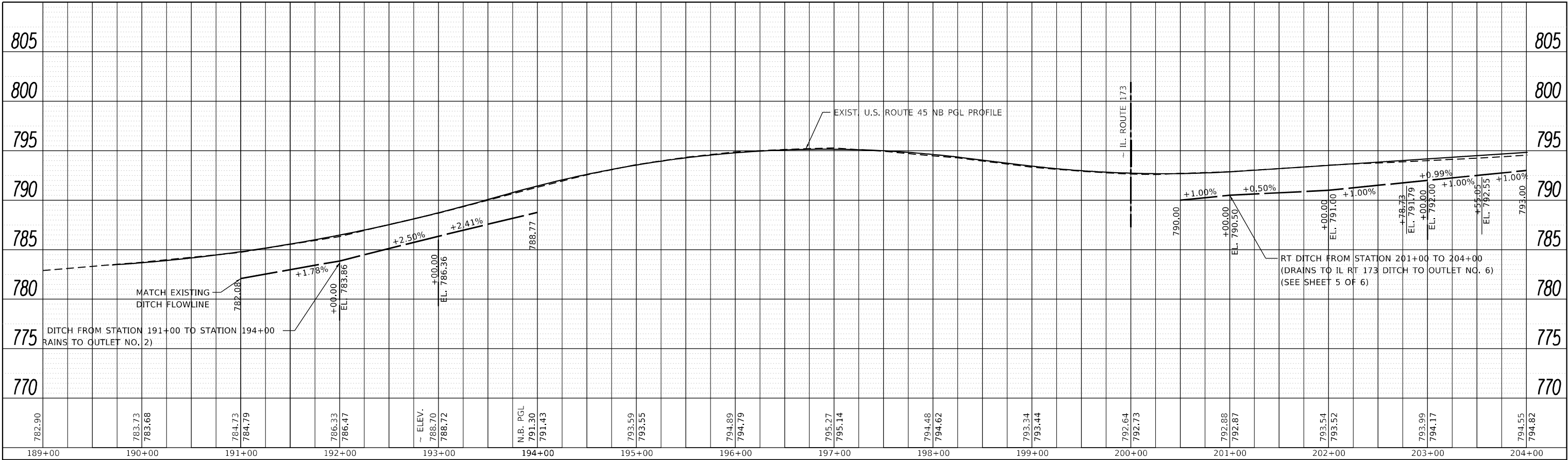
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	CADD FILE NAME		
	NOTE BOOK NO.		



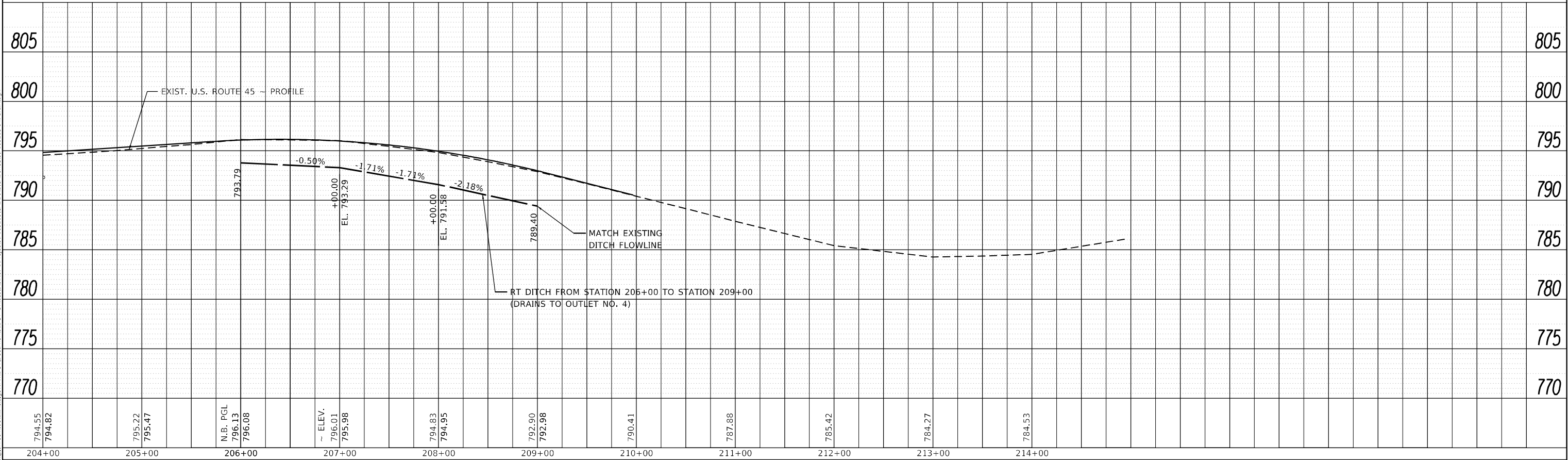
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHWD		
	NOTE BOOK NO.		



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	CADD FILE NAME		
	NOTE BOOK NO.		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHWD		
	NOTE BOOK NO.		



MODEL: Default
FILE NAME: p:\data\mason.dwg
PROJECT: P169208\CD\Drawings\DOT Office\District: 1\Projects\P169208\CD\Drawings\P169208-spl-drain.dgn

USER NAME = Velichkovvv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILE (RIGHT SIDE)			
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)			
SCALE: 1"= 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	35
CONTRACT NO. 60T11				
		ILLINOIS	FED. AID PROJECT	

LEGEND

- 1

PIPE CULVERT REMOVAL
- 2

REMOVING EXISTING FES (INCLUDED IN THE COST OF PIPE REMOVAL)
- 3

STORM SEWER REMOVAL, 15"
- 4

STORM SEWER REMOVAL, 12"
- 5

REMOVING CATCH BASINS
- 6

REMOVING INLETS
- 7

DRAINAGE STRUCTURES TO BE CLEANED
- 8

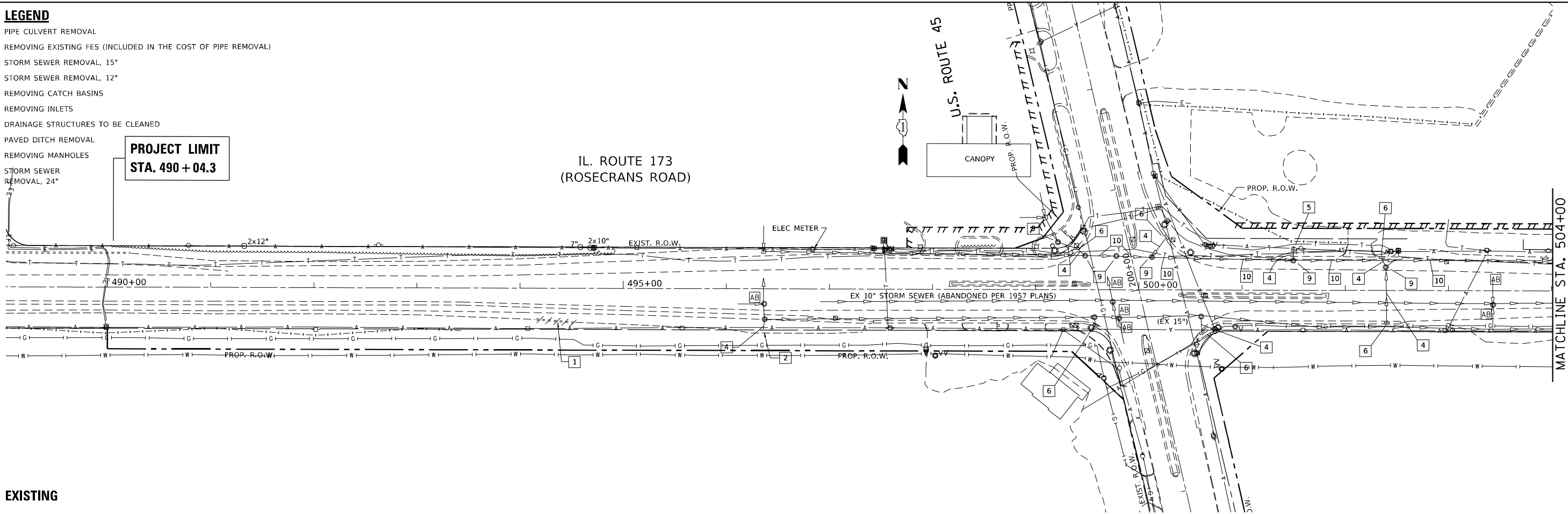
PAVED DITCH REMOVAL
- 9

REMOVING MANHOLES
- 10

STORM SEWER REMOVAL, 24"

PROJECT LIMIT
STA. 490 + 04.3

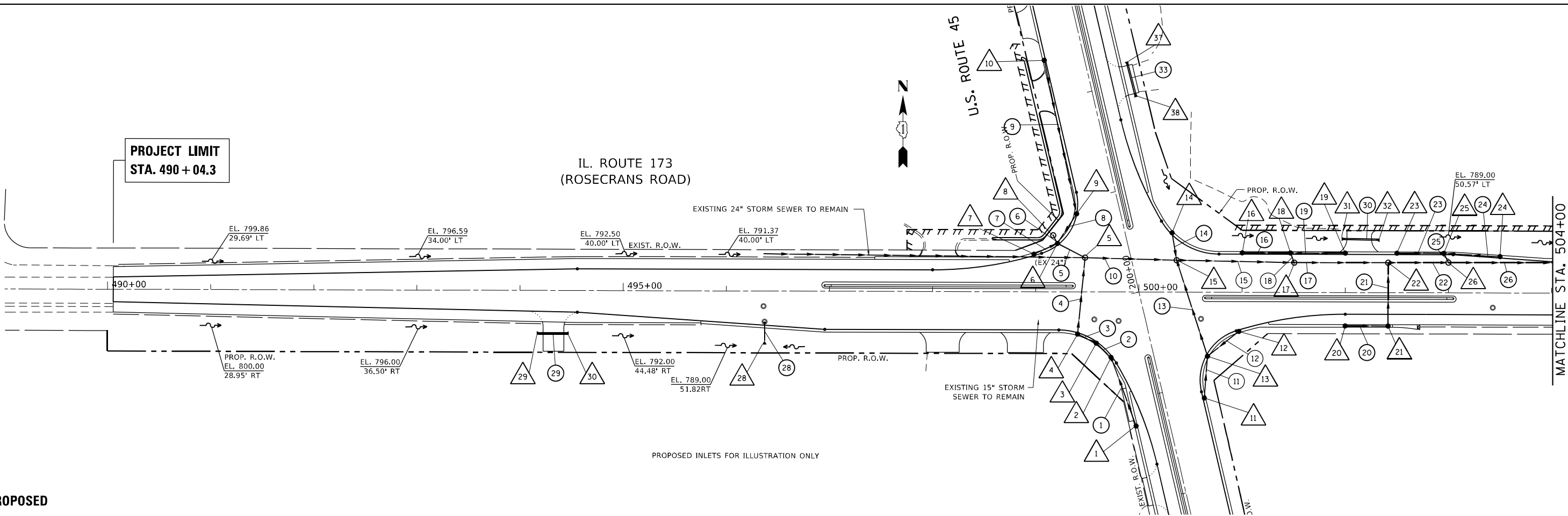
IL. ROUTE 173
(ROSECRANS ROAD)



EXISTING

PROJECT LIMIT
STA. 490 + 04.3

IL. ROUTE 173
(ROSECRANS ROAD)



PROPOSED INLETS FOR ILLUSTRATION ONLY

PROPOSED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED DRAINAGE PLAN
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)

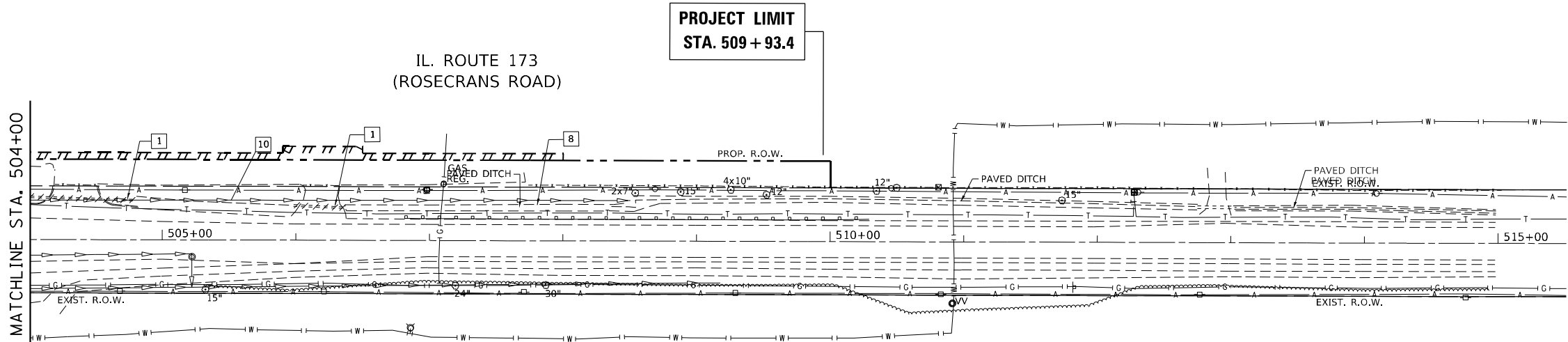
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	36
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

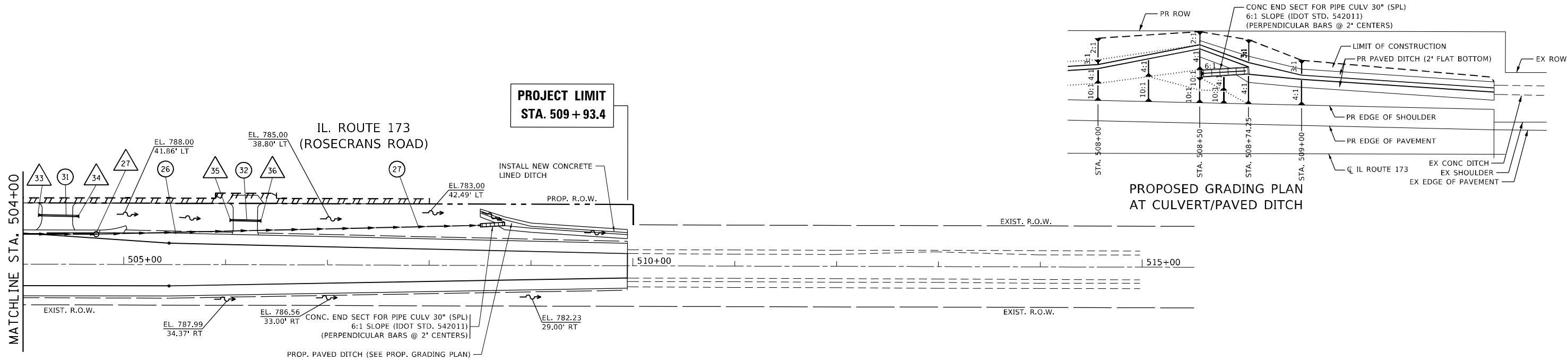
MODEL: Default
FILE: N:\Users\paul.hannon\OneDrive\Illinois\gov\PWIDOT\Documents\DOT Office\District 1\Projects\169209\CADD\Drawings\CD\Sheet\169209-sht-drain.dgn

LEGEND

- 1 PIPE CULVERT REMOVAL
- 2 REMOVING EXISTING FES (INCLUDED IN THE COST OF PIPE REMOVAL)
- 3 STORM SEWER REMOVAL, 15"
- 4 STORM SEWER REMOVAL, 12"
- 5 REMOVING CATCH BASINS
- 6 REMOVING INLETS
- 7 DRAINAGE STRUCTURES TO BE CLEANED
- 8 PAVED DITCH REMOVAL
- 9 REMOVING MANHOLES
- 10 STORM SEWER REMOVAL, 24"



EXISTING



PROPOSED

MODEL: Default
FILE: N:\Users\paulamanoon\dot\illinois\gov\PWIDOT\Documents\IDOT Office\District 1\Projects\PI 60209\CADD\Drawn\CD\Drawings\PI 60209-sht-drain.dgn

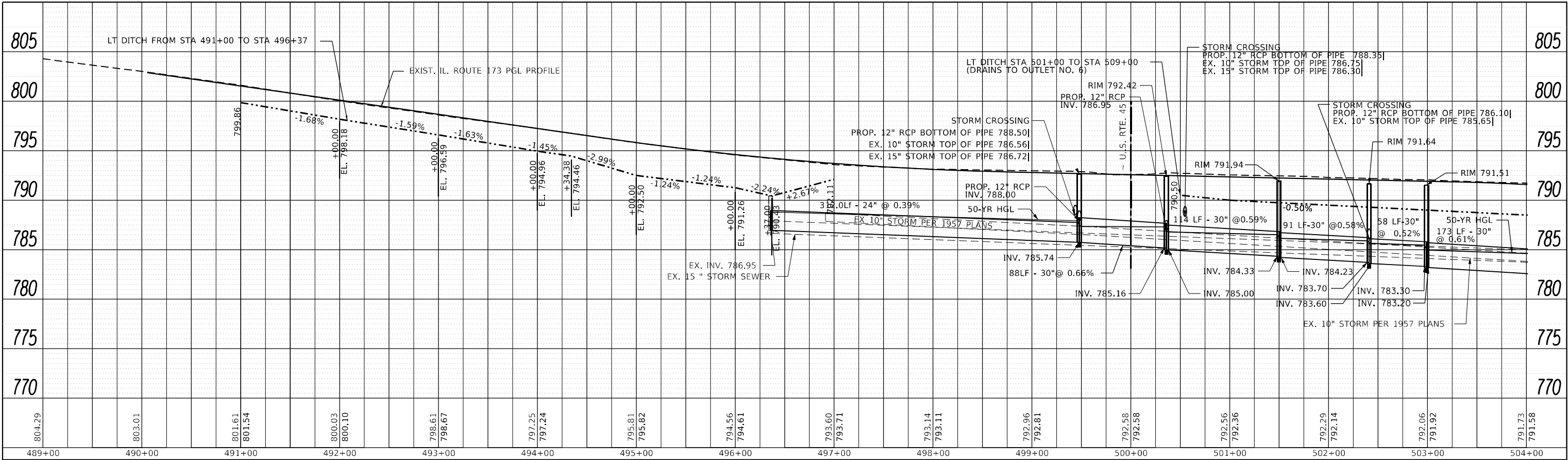
USER NAME = Velichkovv	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

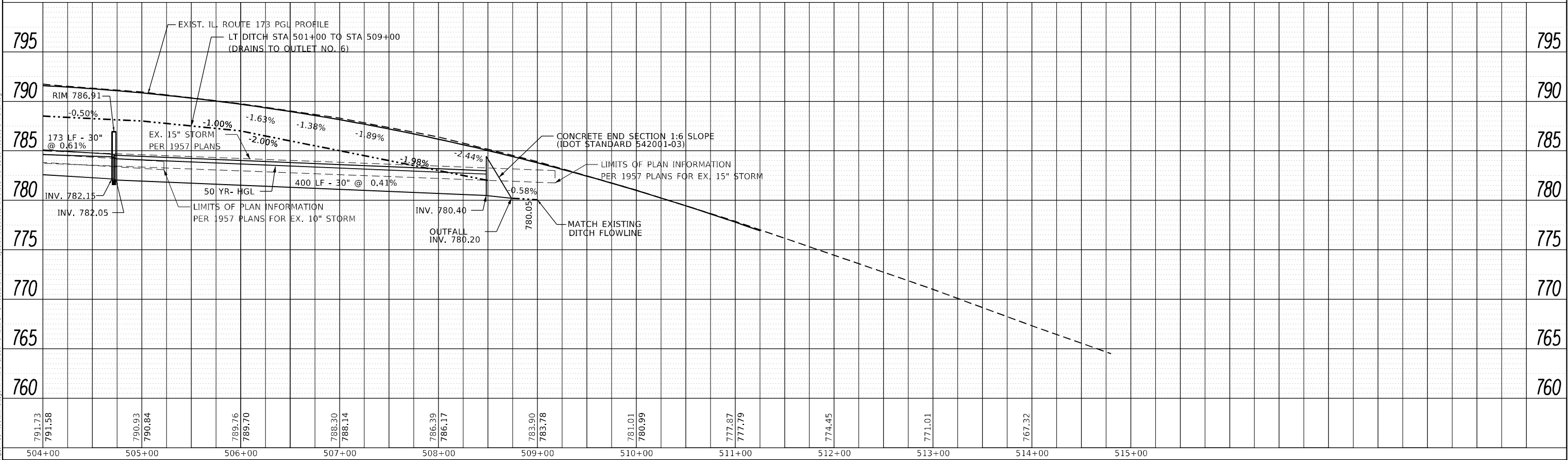
EXISTING & PROPOSED DRAINAGE PLAN U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)			
SCALE: 1"= 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	37
CONTRACT NO. 60T11				
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED CADD FILE NAME	BY	DATE
NOTE BOOK NO.			



PROFILE	SURVEYED PLOTTED GRADES CHECKED STRUCTURE NOTATIONS CHWD	BY	DATE
NOTE BOOK NO.			



MODEL: Default
FILE NAME: p:\work\mason.dwg
PROJECT: P169708
CADD FILE NAME: P169708-sst-drain.dgn

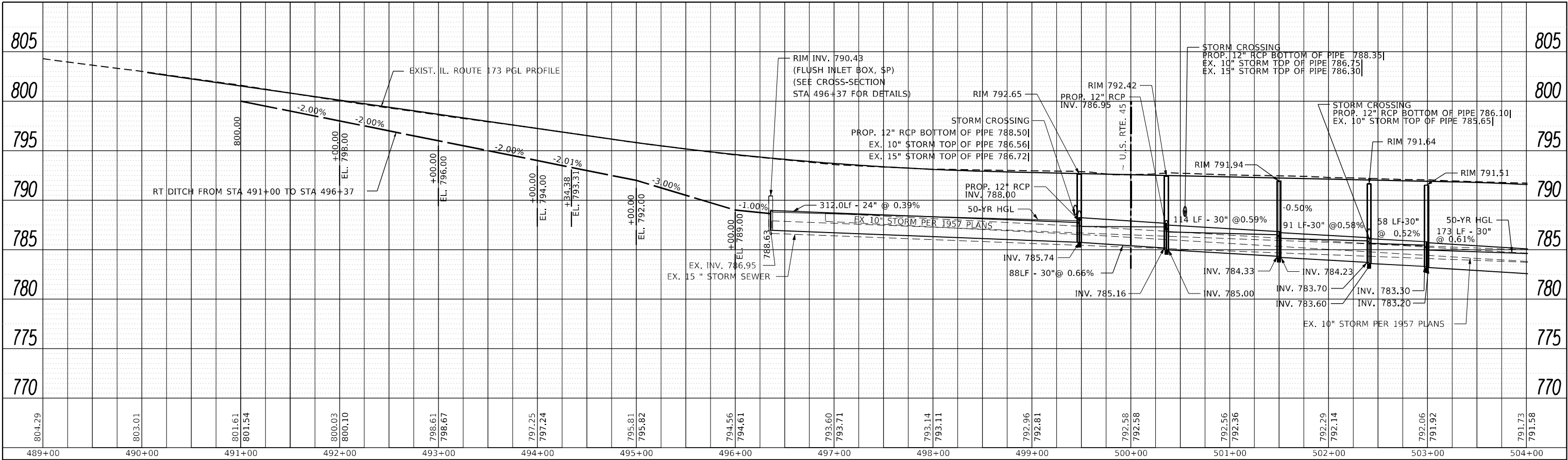
USER NAME = Velichkovvv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

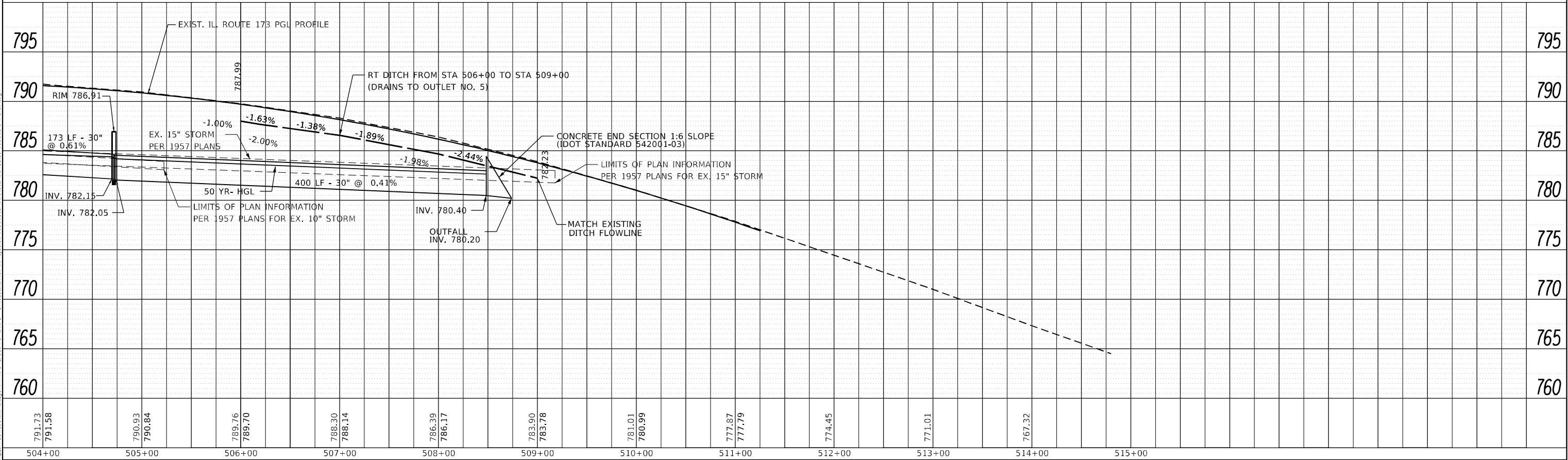
DRAINAGE PROFILE (RIGHT SIDE)			
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)			
SCALE: 1"= 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	38
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED STRUCTURE NOTED CADD FILE NAME	BY	DATE
NO.			



PROFILE	SURVEYED PLOTTED GRADES CHECKED STRUCTURE NOTED CADD FILE NAME	BY	DATE
NO.			



MODEL: Default
FILE NAME: p:\projects\115\115000\115000.dwg
PROJECT: 115000
SHEET: 115000-115000.dwg
DATE: 3/5/2021

USER NAME = Velichkovvv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILE (RIGHT SIDE)			
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)			
SCALE: 1"= 50'	SHEET	OF SHEETS	STA. TO STA.

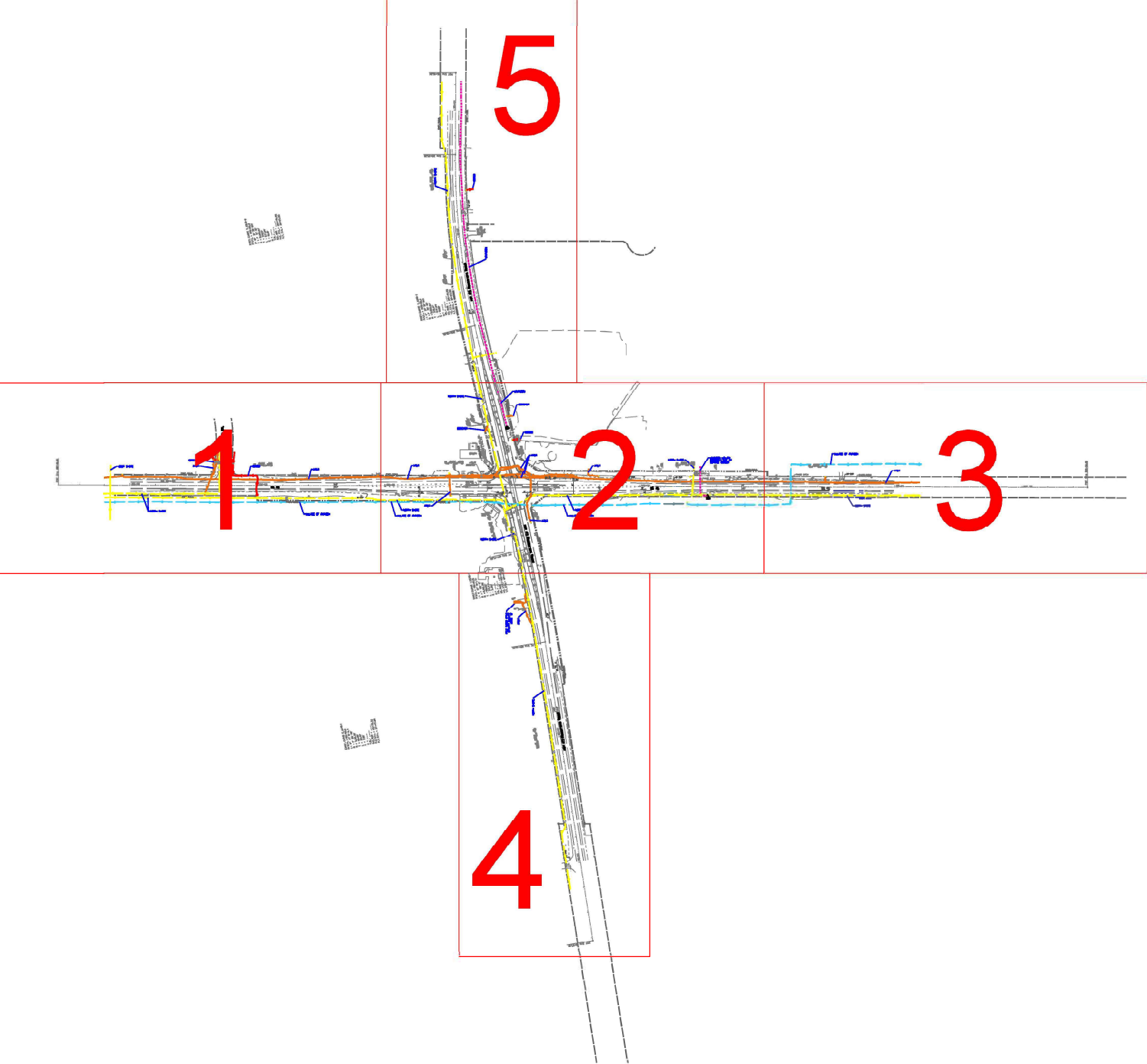
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	39
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\ntf1c-prod\pub\anr\om-dot-illinois.gov-PWIDOT\Documents\BODT_Offices\Bldgctc_1\Projects\PI 693209\CADD\data\Design\PI 69292-sec-IL173.dgn

DRAINAGE STRUCTURE TABLE										
NO.	STATION	OFFSET (FT)	STRUCTURE TYPE	DIAMETER (FT)	F&G TYPE	INVERT ELEV. (FT)				RIM ELEV. (FT)
						N	S	E	W	
1	198+74.5	32.3 LT	CB, T-C	2	T-23 F&G	790.64				793.52
2	199+44.5	40.8 LT	CB, T-A	4	T-23 F&G	789.84	789.94			792.98
3	199+61	51.6 RT	CB, T-A	4	T-23 F&G			789.64	789.54	792.74
4	499+41	40.9 RT	CB, T-A	4	T-23 F&G	789.24		789.34		792.35
5	499+48	33 LT	MH, T-A	6	T1-CL	788.00	788.50	785.72	785.74	792.65
6	499+21	46.9 LT	CB, T-A	4	T-23 F&G	788.39	788.29	788.50	788.60	792.58
7	498+98	36.4 LT	CB, T-A	4	T-23 F&G			788.86		792.57
8	499+17	54.8 LT	MH, T-A	5	T1-CL		788.49			793.00
9	200+76	41.6 LT	CB, T-A	4	T-23 F&G	788.95	788.85			792.29
10	202+40	38.3 LT	CB, T-C	2	T-23 F&G		790.30			792.97
11	198+85.6	38.3 RT	CB, T-C	2	T-23 F&G	789.83				793.00
12	500+97	37.9 RT	CB, T-C	2	T-23 F&G				789.70	792.03
13	199+24.3	50.5 RT	CB, T-A	4	T-23 F&G	789.31	789.41	789.40		793.00
14	500+32	57.5 LT	CB, T-C	2	T-23 F&G		787.21			792.07
15	500+36.5	31 LT	MH, T-A	6	T1-CL	786.95	788.35	785.00	785.16	792.42
16	501+00	38.3 LT	CB, T-C	2	T-23 F&G			787.14		791.88
17	501+50.5	29 LT	MH, T-A	5	T1-CL	786.47		784.23	784.33	791.94
18	501+47	38.3 LT	CB, T-A	4	T-23 F&G		786.57	786.67	786.67	791.75
19	502+00	38.3 LT	CB, T-C	2	T-23 F&G				787.20	791.62
20	502+00	32.3 RT	CB, T-C	2	T-23 F&G			787.21		791.65
21	502+41.6	32.3 RT	CB, T-A	4	T-23 F&G	786.71			786.81	791.49
22	502+41.6	29 LT	MH, T-A	5	T1-CL		786.10	783.60	783.70	791.64
23	502+50	38.3 LT	CB, T-C	2	T-23 F&G			786.63		791.50
24	503+50	33.9 LT	CB, T-C	2	T-23 F&G				786.71	791.31
25	502+96	38.3 LT	CB, T-A	4	T-23 F&G		786.07	786.17	786.17	791.40
26	503+00	29.3 LT	MH, T-A	5	T1-CL	785.97		783.20	783.30	791.51
27	504+73	29.7 LT	MH, T-A	5	T1-CL			782.05	782.15	791.12
28	496+37	41.5 RT	PRC FES, 12"				788.63			
29	494+19.3	41.5 RT	PRC FES, 15"						793.57	
30	494+45.3	41.5 RT	PRC FES, 15"					793.05		
31	501+98.4	52 LT	PRC FES, 24" (TWIN)						789.11	
32	502+28.4	51 LT	PRC FES, 24" (TWIN)					788.96		
33	504+15.3	48 LT	PRC FES, 24" (TWIN)						788.03	
34	504+54.3	47 LT	PRC FES, 24" (TWIN)						787.83	
35	506+03	44 LT	PRC FES, 24" (TWIN)						786.30	
36	506+36	43 LT	PRC FES, 24" (TWIN)					786.14		
37	202+19.8	39 RT	PRC FES, 18" (TWIN)			791.10				
38	201+84.8	40 RT	PRC FES, 18" (TWIN)				790.93			
39	205+13	43 LT	PRC FES, 15"				793.11			
40	205+43	42 LT	PRC FES, 15"			792.75				
41	508+50	39 LT	PRC FES, 30"					780.40		
42	496+37	36 LT	FLUSH INLET BOX, 36"					786.95		790.43

STORM SEWER TABLE							
NO.	STATION - STATION	CLASS	TYPE	DIAMETER (IN)	LENGTH (FT)	SLOPE (%)	TBF (CU.YD.)
1	198+74.5 - 199+44.5	A	1	12	70	1.0	
2	199+44.5 - 199+61	A	1	12	20	1.0	3.3
3	199+61 - 199+74	A	1	12	20	1.0	3.0
4	499+41 - 499+48	A	1	12	74	1.0	15.9
5	499+48 - 499+21	A	2	12	30	1.0	8.3
6	499+21 - 499+17	A	2	12	9	1.0	
7	498+98 - 499+21	A	2	12	25	1.0	5.9
8	499+21 - 200+76	A	1	12	34	1.0	7.3
9	202+40 - 200+76	A	1	12	152	1.0	11.4
10	499+48 - 500+36.5	A	2	30	88	0.66	83.9
11	198+85.6 - 199+24.3	A	1	12	41	1.0	
12	500+97 - 199+24.3	A	1	12	39	1.0	
13	199+24.3 - 500+36.5	A	1	12	98	1.0	23.1
14	500+32 - 500+36.5	A	2	12	27	1.0	10.1
15	500+36.5 - 501+50.5	A	2	30	114	0.59	119.1
16	501+00 - 501+47	A	2	12	47	1.0	16.0
17	501+50.5 - 502+41.6	A	2	30	91	0.58	103.2
18	501+47 - 501+50.5	A	2	12	10	1.0	5.1
19	501+47 - 502+00	A	2	12	53	1.0	17.5
20	502+00 - 502+41.6	A	2	12	42	1.0	13.0
21	502+41.6 - 502+41.6	A	2	12	61	1.0	22.7
22	502+41.6 - 503+00	A	2	30	58	0.52	69.7
23	502+50 - 502+96	A	2	12	46	1.0	16.7
24	502+96 - 503+50	A	2	12	54	1.0	18.4
25	502+96 - 503+00	A	2	12	10	1.0	6.3
26	503+00 - 504+73	A	2	30	173	0.61	227.4
27	504+73 - 508+73	A	2	30	400	0.41	84.1
28	496+37 - 496+37	A	2	12	27	1.0	3.5

PIPE CULVERTS TABLE						
NO.	STATION - STATION	CLASS	TYPE	DIAMETER (IN)	LENGTH (FT)	SLOPE (%)
29	494+20 - 494+44	A	1	15	24	2.0
30	501+98 - 502+30	A	1	24 (TWIN)	32	0.5
31	504+15 - 504+47	A	1	24 (TWIN)	32	0.5
32	506+04 - 506+36	A	1	24 (TWIN)	32	0.5
33	201+86 - 202+18	A	1	18 (TWIN)	32	0.5
34	205+12 - 205+44	A	1	15	32	1.0



	TRAFFIC SIGNAL/LIGHTING AERIAL UNKNOWN OIL CABLE TV TELEPHONE GAS ELECTRIC WATER FORCE MAIN FIBER OPTIC CARDNO TEST HOLE END OF INFORMATION
--	---

UTILITY OWNERS		
DESIGNED	MS	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/28/16	REVISED

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's SUE field investigation was performed 9/01/16 through 9/23/16. Changes to utilities after 9/23/16 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B"
UNLESS NOTED OTHERWISE.



CWA
SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 clausenwhite@cwasurvey.com

Cardno Job No. IL09510726
SUE Plan Page: Cover

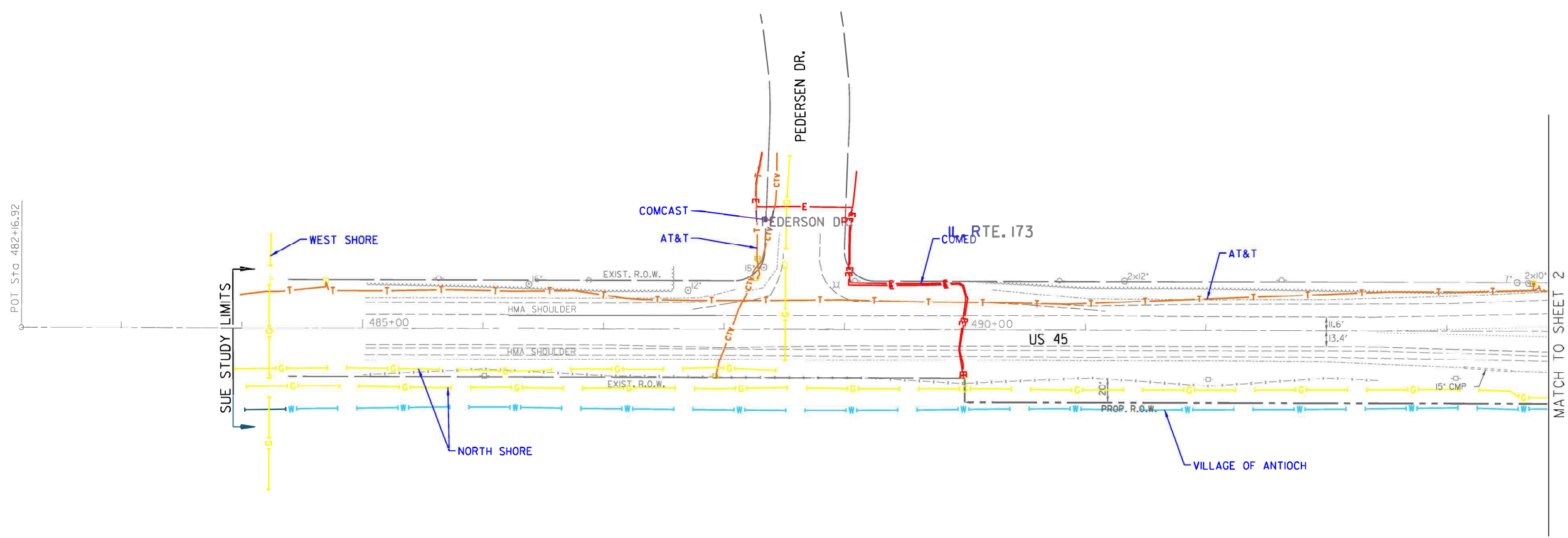
Utility Quality Level "A": Visually Verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED	MS	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/28/16	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 at IL 173 (Rosecrans Rd.)
Antioch, IL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 40) N-3	Lake	107	41
FED. ROAD DIST. NO.		ILLINOIS	Contract No. 60T11	
			IDOT Project No.	



- TRAFFIC SIGNAL/LIGHTING
- AERIAL
- UNKNOWN
- OIL
- CABLE TV
- TELEPHONE
- GAS
- ELECTRIC
- WATER
- FORCE MAIN
- FIBER OPTIC
- CARDNO TEST HOLE
- END OF INFORMATION

UTILITY OWNERS		
AT&T - TELEPHONE - FIBER OPTIC		
COMED - ELECTRIC		
COMCAST - CATV		
NORTH SHORE - GAS		
VILLAGE OF ANTIOCH - WATER		
WEST SHORE - GAS		
UNKNOWN UTILITY		

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's SUE field investigation was performed 9/01/16 through 9/23/16. Changes to utilities after 9/23/16 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



CWA SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C. LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 clausenwhite@cwasurvey.com

Cardno Job No. IL09510726
SUE Plan Page: 1 of 5

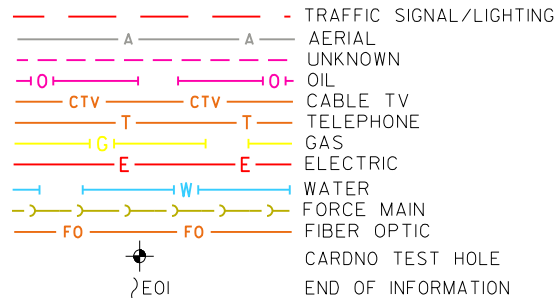
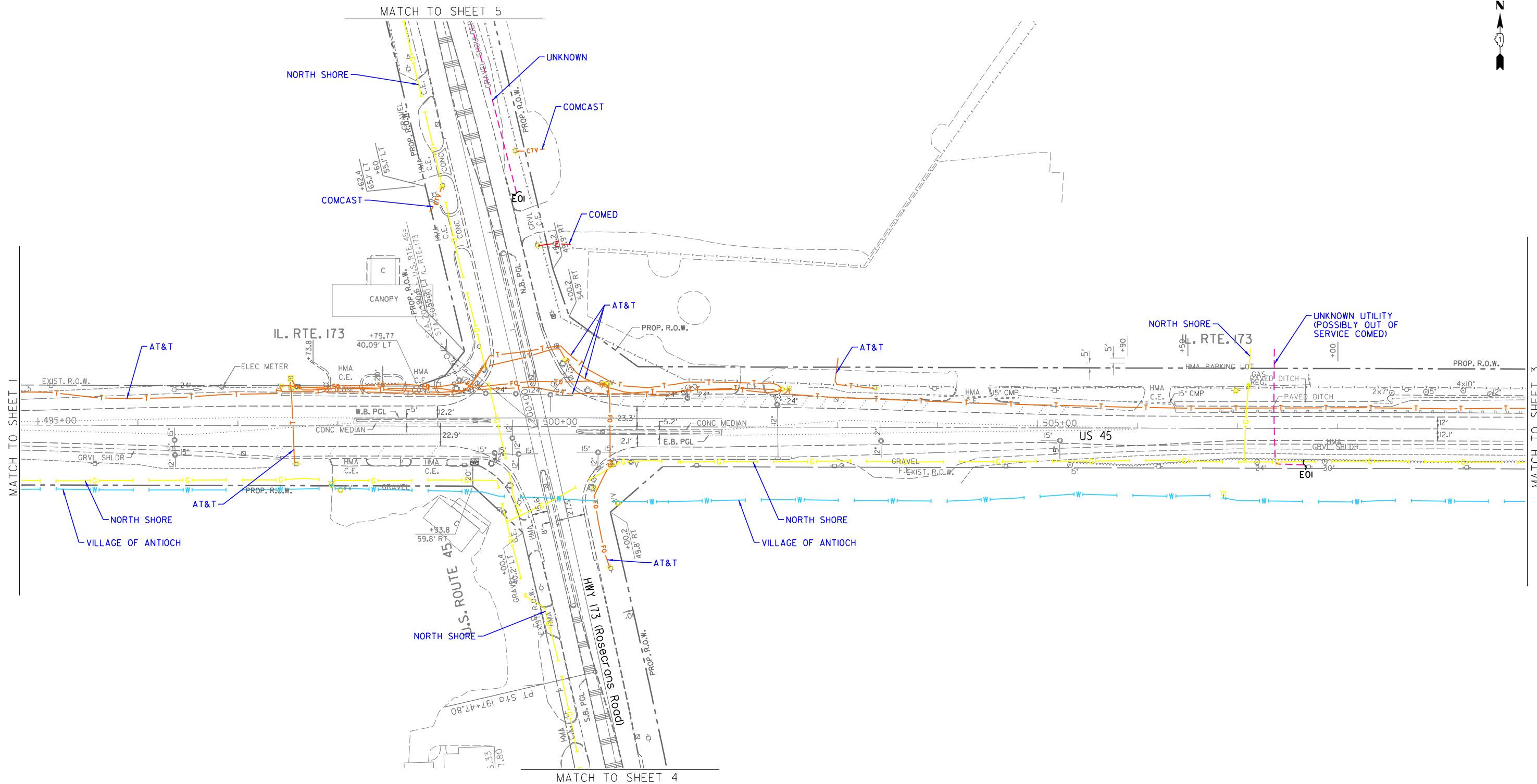
Utility Quality Level "A": Visually Verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED	MS	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/30/16	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 45 at IL 173 (Rosecrans Rd.)
Antioch, IL**

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 40) N_3	Lake	107	42
Contract No. 60T11		IDOT Project No.		
FED. ROAD DIST. NO.		ILLINOIS		



UTILITY OWNERS		
AT&T	-	TELEPHONE - FIBER OPTIC
COMED	-	ELECTRIC
COMCAST	-	CATV
NORTH SHORE	-	GAS
VILLAGE OF ANTIOCH	-	WATER
UNKNOWN UTILITY	-	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's SUE field investigation was performed 9/01/16 through 9/23/16. Changes to utilities after 9/23/16 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B"
UNLESS NOTED OTHERWISE.



CWA
SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 claassenwhite@cwasurvey.com

Cardno Job No. IL09510726
SUE Plan Page: 2 of 5

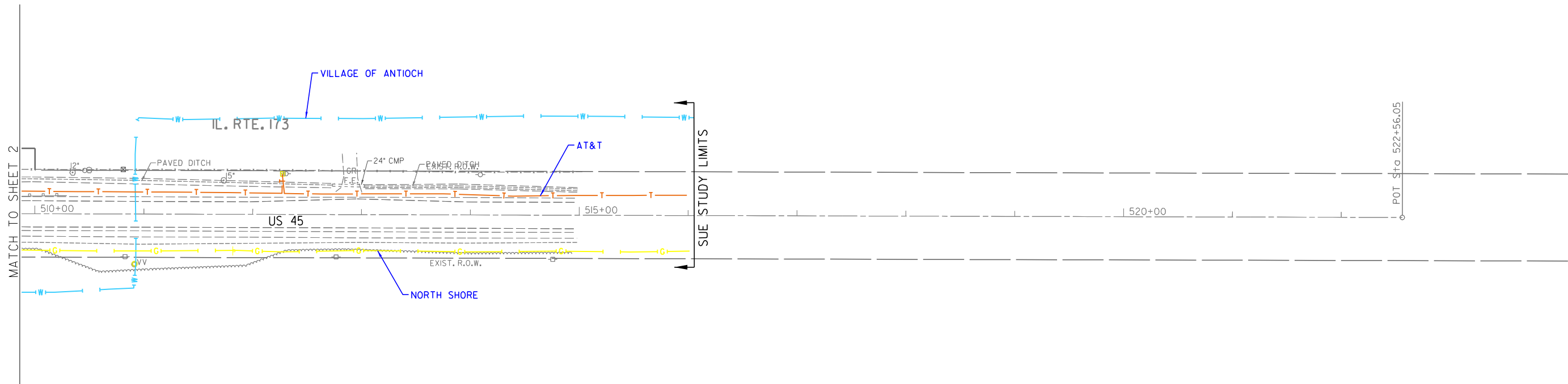
Utility Quality Level "A": Visually Verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED	MS	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/30/16	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 at IL 173 (Rosecrans Rd.)
Antioch, IL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	Lake	107	43
FED. ROAD DIST. NO.		Contract No. 60T11		
ILLINOIS		DOT Project No.		

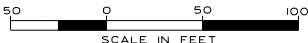


- TRAFFIC SIGNAL/LIGHTING
- AERIAL
- UNKNOWN
- OIL
- CABLE TV
- TELEPHONE
- GAS
- ELECTRIC
- WATER
- FORCE MAIN
- FIBER OPTIC
- CARDNO TEST HOLE
- END OF INFORMATION

UTILITY OWNERS		
AT&T - TELEPHONE - FIBER OPTIC		
COMED - ELECTRIC		
COMCAST - CATV		
NORTH SHORE - GAS		
VILLAGE OF ANTIOCH - WATER		
WEST SHORE - GAS		
UNKNOWN UTILITY		

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's SUE field investigation was performed 9/01/16 through 9/23/16. Changes to utilities after 9/23/16 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 clausenwhite@cwasurevey.com

Cardno Job No. IL09510726
SUE Plan Page: 3 of 5

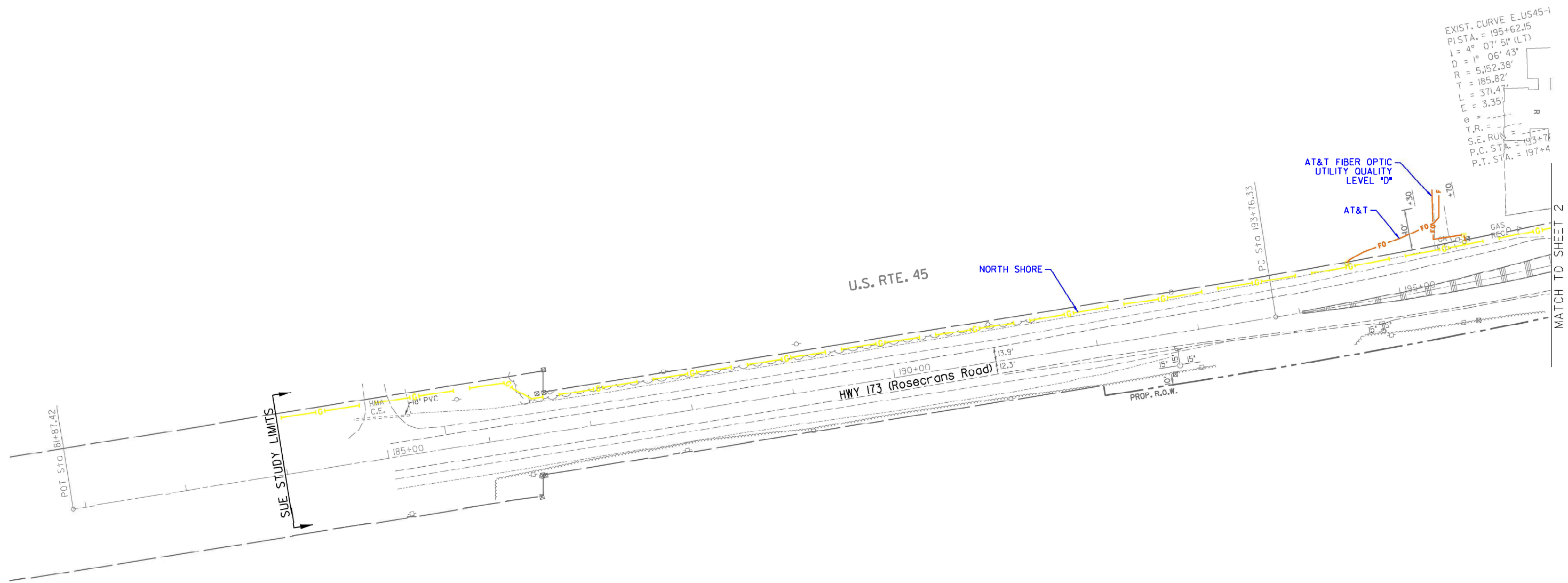
Utility Quality Level "A": Visually Verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED	MS	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	9/30/16	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 at IL 173 (Rosecrans Rd.)
Antioch, IL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	Lake	107	44
FED. ROAD DIST. NO.		ILLINOIS	Contract No. 60T11	
			IDOT Project No.	



EXIST. CURVE E.US45-1
PISTA. = 195+62.15
I = 4° 07' 51" (LT)
D = 1° 06' 43"
R = 5,152.38'
T = 185.82'
L = 371.47'
E = 3.35'
T.R. = -
S.E. RUN = -
P.C. STA. = 193+78
P.T. STA. = 197+4

- TRAFFIC SIGNAL/LIGHTING
- AERIAL
- UNKNOWN
- OIL
- CABLE TV
- TELEPHONE
- GAS
- ELECTRIC
- WATER
- FORCE MAIN
- FIBER OPTIC
- CARDNO TEST HOLE
- END OF INFORMATION

UTILITY OWNERS		
AT&T - TELEPHONE - FIBER OPTIC		
COMED - ELECTRIC		
COMCAST - CATV		
NORTH SHORE - GAS		
VILLAGE OF ANTIOCH - WATER		
WEST SHORE - GAS		
UNKNOWN UTILITY		

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's SUE field investigation was performed 9/01/16 through 9/23/16. Changes to utilities after 9/23/16 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



CWA SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 clausenwhite@cwasurvey.com

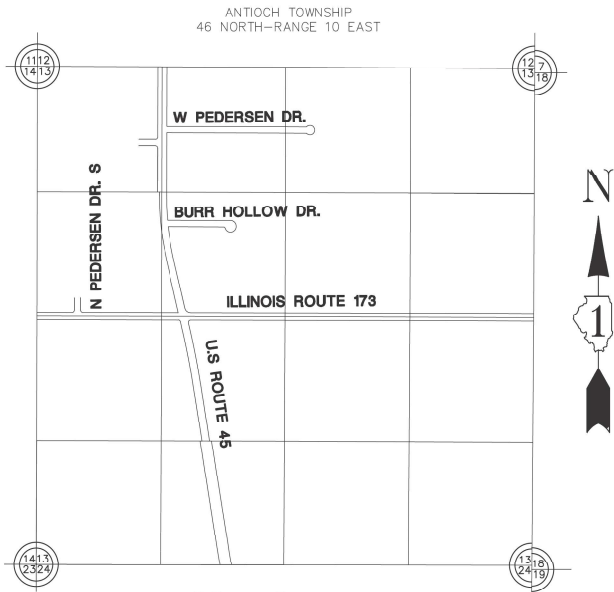
Cardno Job No. IL09510726
SUE Plan Page: 4 of 5

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED MS	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 at IL 173 (Rosecrans Rd.) Antioch, IL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN KLC	REVISED			344	(39 & 40) N-3	Lake	107	45
Utility Quality Level "C": Research with Survey	CHECKED KFS	REVISED			Contract No. 60T11				
Utility Quality Level "D": Records Research	DATE 9/30/16	REVISED			FED. ROAD DIST. NO.	ILLINOIS	DOT Project No.		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

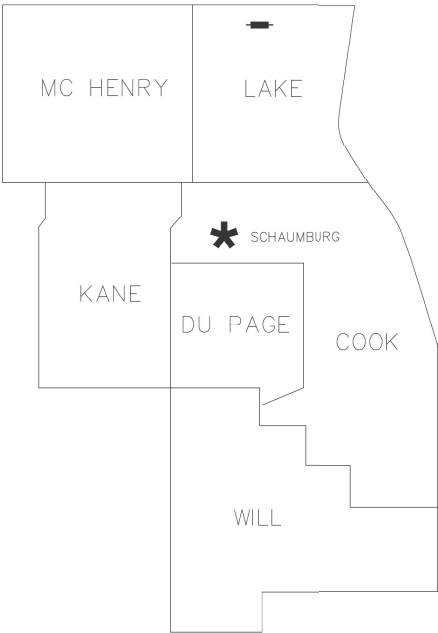
ROUTE: US ROUTE 45
SECTION:
COUNTY: LAKE
LIMITS: AT ILLINOIS ROUTE 173
JOB NO.: R-91-025-13

PARCEL No.	OWNER	SHEET NO.	PROPERTY ACQUIRED BY
1N60001	DOOLITTLE FARM FAMILY LTD PARTNERSHIP	3, 4, 9 & 12	
1N60002 1N60002TE	CHARLES & GEORGE VRAKAS	4, 6 & 12	
1N60003 1N60003TE 1N60004	BARRINGTON BANK AND TRUST COMPANY, N.A.	4, 7, 8 & 10	
1N60005A 1N60005B 1N600051EA 1N60005TEB	EILEEN C PEDERSEN TRUSTEE	4, 5, 7, 8 & 10	
1N60006 1N60006TE	KG REAL ESTATE, LLC	4, 5 & 10	
1N60007	ABBOTT LABORATORIES	4, 6 & 14	



LOCATION MAP

GROSS LENGTH = 3,998.78 FT. = 0.75 MILE



DISTRICT HEADQUARTERS: - *
LOCATION OF SECTION INDICATED THUS: - ■ -

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**



REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD

IDOT USE ONLY

RECEIVED

MAR 27 2019

PLATS & LEGALS

IDOT17-W011 SB

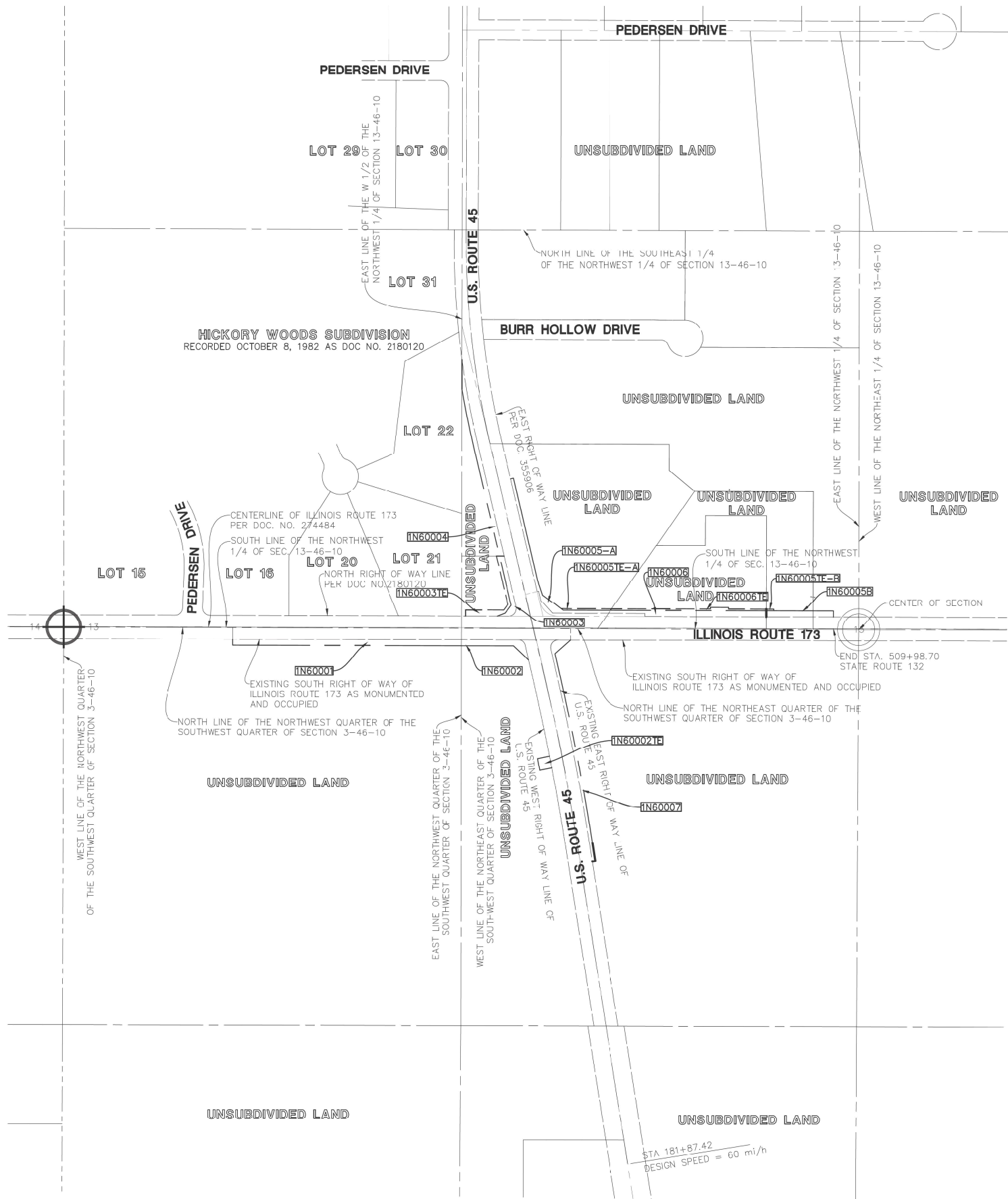
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)**

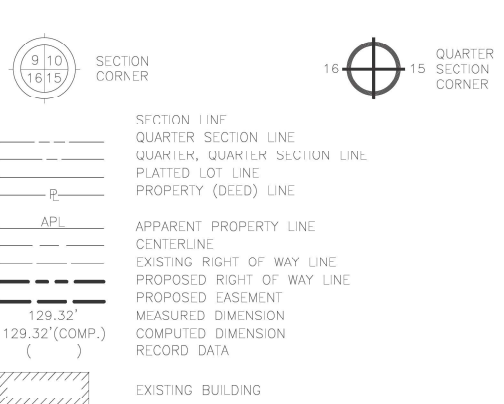
SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	47
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

PART OF NW 1/4 & SW 1/4 OF SECTION 13 TWP. 46 R. 10 E. OF THE THIRD P.M., IN LAKE COUNTY ILLINOIS



- NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999600664
 4. AREAS SHOWN ON THIS PLAT ARE GROUND.
 5. ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.



- LEGEND
- IRON ROD SET
 - IRON PIPE OR ROD FOUND
 - + CUT CROSS FOUND OR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
 - T2 IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.
 - ◇ LIGHT STANDARD
 - P.O.B. = POINT OF BEGINNING
 - P.O.C. = POINT OF COMMENCEMENT

NOTE:
TOTAL HOLDING AREA VALUES OF PARCEL 1N60001 AND 1N60007
ARE APPROXIMATE PER RECORD DOCUMENTS, TAX MAPS, ASSESSORS
DATA AND TOWNSHIP MAPS.

STATE OF ILLINOIS)
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2019.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2020

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-025-13
STA. 488+00 TO STA. 495+00.00
SCALE: 1" = 30' SHEET 2 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

RECEIVED

MAR 27 2019

PLATS & LEGALS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	48
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

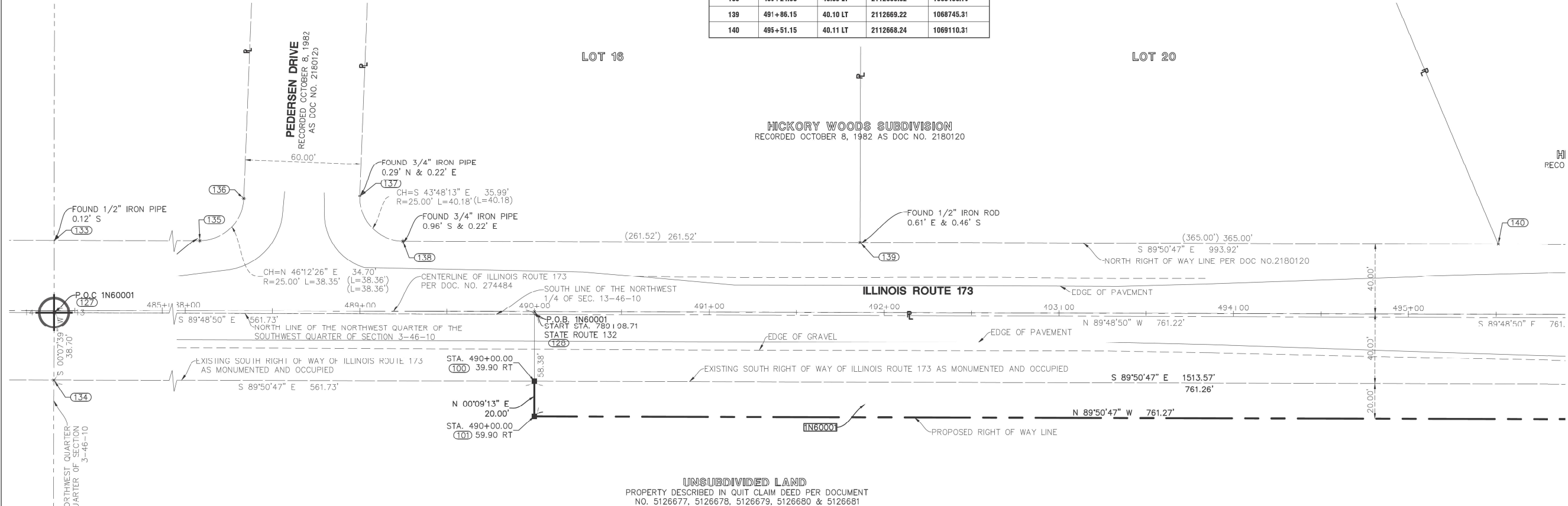
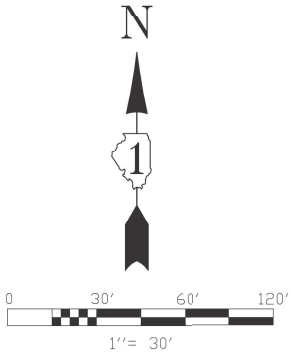
USER NAME = Velichkovv	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2021	DATE -	REVISED -

PART OF SW 1/4 & SW 1/4 OF SECTION 13 TWP. 46 R. 10 E. OF THE THIRD P.M., IN LAKE COUNTY ILLINOIS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PARCEL INDEX NUMBER
1N60001	110.896	1.017	0.667	109.879	N/A	02-13-300-001 02-14-400-001 02-14-400-002 02-14-400-003 02-14-400-004 02-33-200-003

PROJECT COORDINATES Illinois State Plane, East Zone, NAD 83 (2011)				
Point #	Station	Offset	Northing	Easting
100	490+00.00	39.90 RT	2112589.72	1068558.94
101	490+00.00	59.90 RT	2112569.72	1068558.89
127	484+38.27	1.22 RT	2112629.92	1067997.32
128	490+00.00	0.10 LT	2112629.71	1068559.05
133	484+38.22	40.08 LT	2112671.22	1067997.34
134	484+38.25	39.92 RT	2112591.22	1067997.20
135	484+08.54	40.09 LT	2112670.23	1068367.70
136	484+33.52	64.17 LT	2112694.24	1068392.75
137	484+99.65	66.00 LT	2112695.89	1068458.84
138	489+24.63	40.09 LT	2112669.92	1068483.79
139	491+86.15	40.10 LT	2112669.22	1068745.31
140	495+51.15	40.11 LT	2112668.24	1069110.31

- NOTES:
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999600664
 - AREAS SHOWN ON THIS PLAT ARE GROUND.
 - ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.



SEE SHEETS 9 & 12 FOR TOTAL HODINGS

NOTE:
TOTAL HOLDING AREA VALUES OF PARCEL 1N60001 AND 1N60007 ARE APPROXIMATE PER RECORD DOCUMENTS, TAX MAPS, ASSESSORS DATA AND TOWNSHIP MAPS.

LEGEND

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1
- T2
- T3
- BT1
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M
- STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" INCH METAL ROD 25" INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE

QUARTER SECTION LINE

PLATTED LOT LINE

PROPERTY (DEED) LINE

APL

APPARENT PROPERTY LINE

CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

PROPOSED EASEMENT

MEASURED DIMENSION

COMPUTED DIMENSION

RECORD DATA

EXISTING BUILDING

STATE OF ILLINOIS)
COUNTY OF LAKE)
I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LINCOLNSHIRE, ILLINOIS THIS ____ DAY OF _____, A.D., 2019.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2020
DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD

Manhard CONSULTING LTD.

One Oakview Park, Suite 200, Lincolnshire, IL 60069 ph:815.624.5500 fax:815.624.0095 manhard.com
Civil Engineers • Surveyors • Water Resource Engineers • Water & Wastewater Engineers
Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: JOB NO.: R-91-025-13
STA. 488+00 TO STA. 495+00.00
SCALE: 1" = 30' SHEET 3 OF 14 SHEETS

BUREAU OF LAND ACQUISITION

201 WEST CENTER COURT

SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

RECEIVED

MAR 27 2019

PLATS & LEGALS

USER NAME = Velichkovv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	49
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

PART OF NW 1/4 & SW 1/4 OF SECTION 13 TWP. 46 R. 10 E. OF THE THIRD P.M., IN LAKE COUNTY ILLINOIS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PARCEL INDEX NUMBER
1N60001	110.896	1.017	0.667	109.879	N/A	02-13-300-001 02-14-400-001 02-14-400-002 02-14-400-003 02-14-400-004 02-33-200-003
1N60002	11.305	0.389	0.273	10.916	N/A	02-13-300-002
1N60002TE		N/A	N/A	N/A	0.037	
1N60003	1.795	1.123	1.041	0.672	N/A	02-13-100-040
1N60003TE		N/A	N/A	N/A	0.102	
1N60005A 1N60005B	22.560	A=1.336 B=0.406	A=1.163 B=0.303	20.818	N/A	02-13-100-014 02-13-100-042 02-13-100-043
1N60005TE-A 1N60005TE-B		N/A	N/A	N/A	A=0.019 B=0.003 (124 SF)	
1N60006	2.862	0.212	0	2.650	N/A	02-13-100-044
1N60006TE		N/A	N/A	N/A	0.066	

SEE SHEET 10 FOR TOTAL HOLDINGS

HICKORY WOODS SUBDIVISION
RECORDED OCTOBER 8, 1982 AS DOC NO. 2180120

LOT 21

PROJECT COORDINATES Illinois State Plane, East Zone, NAD 83 (2011)				
Point #	Station	Offset	Northing	Easting
102	497+61.27	59.88 RT	2112567.67	1069320.16
103	499+35.00	59.87 RT	2112567.21	1069493.89
104	199+00.16	40.30 LT	2112520.59	1069544.16
105	501+25.02	39.87 RT	2112586.70	1069583.97
106	199+00.07	49.70 RT	2112541.26	1069531.75
107	198+62.30	49.59 RT	2112504.48	1069640.36
111	408+70.87	40.12 LT	2112667.36	1069430.02
112	400+06.56	50.00 LT	2112677.16	1069465.75
113	200+90.68	55.00 LT	2112702.57	1069485.90
120	201+47.44	50.00 RT	2112782.02	1069574.98
121	201+00.01	54.72 RT	2112736.97	1069590.51
122	501+00.00	60.13 LT	2112686.77	1069559.21
123	502+58.19	60.14 LT	2112686.34	1069817.40



SECTION CORNER



QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

LEGEND

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

MATCHLINE - SEE SHEET 7

UNSUBDIVIDED LAND

PROPERTY DESCRIBED DEED IN TRUST 2052464

ONE STORY BRICK & GLASS CAR WASH

ONE STORY BRICK DP GAS STATION

EDGE OF CONC.

PROPOSED RIGHT OF WAY LINE

PROPOSED TEMPORARY CONSTRUCTION EASEMENT

STA. 497+75.00

60.12 LT

N 00°09'13" E

20.00'

FOUND 3/4" IRON PIPE

0.25' E & 0.18' N

N: 2112667.67

E: 1069320.34

N: 2112655.82

E: 1069320.26

P.O.C. 1N60002TE, 1N60003TE, 1N60004, 1N60005A, 1N60005B, 1N60005TE, 1N60006, 1N60006TE, 1N60007

497+00

S 89°48'50" E

761.22'

EDGE OF PAVEMENT

P.O.B. 1N60002

1N60003

FOUND ROW MARKER

0.37' E & 0.93' S

S 00°06'03" W

20.00'

STA. 497+61.27

59.88 RT

1N60001

UNSUBDIVIDED LAND

PROPERTY DESCRIBED IN QUIT CLAIM DEED PER DOCUMENT NO. 5126677, 5126678, 5126679, 5126680 & 5126681

NOTE: SEE SHEET 5 FOR CONTINUATION OF POINT TABLE FOR THIS SHEET

UNSUBDIVIDED LAND

PROPERTY DESCRIBED IN WARRANTY DEED PER DOCUMENT NO. 1904668

SEE SHEET 12 FOR TOTAL HOLDINGS

UNSUBDIVIDED LAND

PROPERTY DESCRIBED IN WARRANTY DEED PER DOCUMENT NO. 4425005

SEE SHEET 10 FOR TOTAL HOLDINGS

UNSUBDIVIDED LAND

PROPERTY DESCRIBED IN TRUSTEE'S DEED PER DOCUMENT NO. 3225896

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) GRID

3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999600664.

4. AREAS SHOWN ON THIS PLAT ARE GROUND.

5. ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD

REVISED: 03/20/2019 PER IDOT COMMENTS - PJD

REVISED: 03/11/2019 PER IDOT COMMENTS - PJD

REVISED: 02/06/2019 PER IDOT COMMENTS - PJD

REVISED: 01/07/2019 PER IDOT COMMENTS - PJD

MANHARD CONSULTING LTD.

ONE DUNDAS STREET, SUITE 200, LAKESHORE, IL 60059

PH: 847.834.2500 FAX: 847.834.2505

MEMBERSHIP: Civil Engineers • Surveyors • Water Resource Engineers • Water & Wastewater Engineers

Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173

COUNTY: LAKE

SECTION: 344

TO STA. 503+50.00

SCALE: 1" = 30'

SHEET 4 OF 14 SHEETS

BUREAU OF LAND ACQUISITION

201 WEST CENTER COURT

SCHAUMBURG, ILLINOIS 60196

CONTRACT NO. 60T11

ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS

US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE

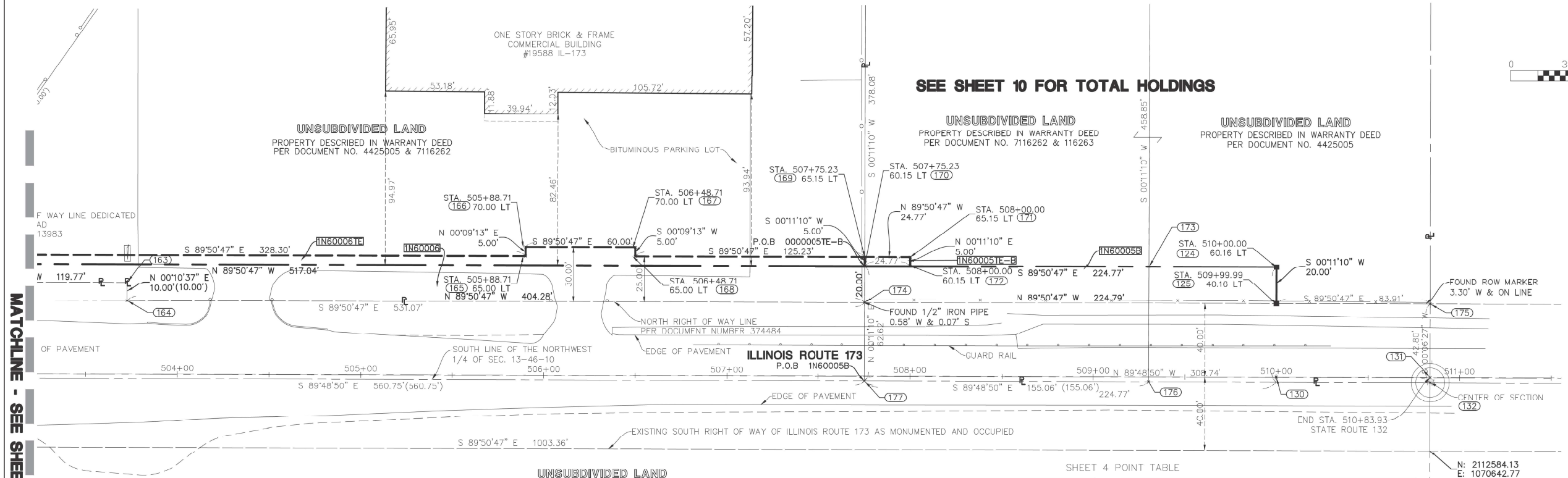
SHEET OF SHEETS

STA. TO STA.

ILLINOIS FED. AID PROJECT

PART OF NW 1/4 OF SECTION 13 TWP. 46 R. 10 E. OF THE THIRD P.M., IN LAKE COUNTY ILLINOIS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PARCEL INDEX NUMBER
1N60006	2.862	0.212	0	2.650	N/A	02-13-100-044
1N60006TE		N/A	N/A	N/A	0.066	
1N60005A 1N60005B	22.560	A=1.336 B=0.406	A=1.163 B=0.303	20.818	N/A	02-13-100-014 02-13-100-042 02-13-100-043
1N60005TF-A 1N60005TE-B		N/A	N/A	N/A	A=0.019 B=0.003(124 SF.)	



MATCHLINE - SEE SHEET 4

PROJECT COORDINATES Illinois State Plane, East Zone, NAD 83 (2011)				
Point #	Station	Offset	Northing	Easting
124	510+00.00	60.16 LT	2112684.35	1070569.21
126	509+99.99	40.16 LT	2112664.35	1070569.14
130	509+99.99	0.16 LT	2112624.36	1070569.04
131	510+83.93	0.16 LT	2112624.13	10705642.97
132	510+83.94	2.64 RT	2112621.33	10705642.97
163	503+72.46	50.14 LT	2112676.03	1069931.54
164	503+72.45	40.14 LT	2112666.04	1069931.51
165	505+90.00	65.15 LT	2112690.45	1070149.22
166	505+90.00	70.15 LT	2112695.45	1070149.24
167	506+50.00	70.15 LT	2112695.29	1070209.24

PROJECT COORDINATES Illinois State Plane, East Zone, NAD 83 (2011)				
Point #	Station	Offset	Northing	Easting
168	506+50.00	65.16 LT	2112690.29	1070209.22
169	507+75.23	65.16 LT	2112689.96	1070334.45
170	507+75.23	60.16 LT	2112684.96	1070334.44
171	508+00.00	65.15 LT	2112689.89	1070359.22
172	508+00.00	60.15 LT	2112684.89	1070359.21
173	509+30.29	60.16 LT	2112684.54	1070489.49
174	507+75.22	40.15 LT	2112664.96	1070334.37
175	510+83.90	40.16 LT	2112664.13	1070643.05
176	509+30.25	2.56 RT	2112621.83	1070489.29
177	507+75.19	2.47 RT	2112622.33	1070334.23

PROJECT COORDINATES Illinois State Plane, East Zone, NAD 83 (2011)				
Point #	Station	Offset	Northing	Easting
129	500+01.29	0.13 LT	2112627.03	1069560.34
140	495+51.15	40.11 LT	2112668.24	1069110.31
141	497+61.18	40.12 LT	2112667.67	1069320.34
142	497+75.00	40.12 LT	2112667.64	1069334.16
143	497+75.00	60.12 LT	2112687.64	1069334.21
144	499+01.81	60.12 LT	2112687.30	1069461.02
145	200+95.53	60.00 LT	2112704.99	1069473.05
146	497+61.22	0.12 LT	2112627.67	1069320.27
147	497+61.22	1.93 RT	2112625.62	1069320.26
148	497+61.26	39.88 RT	2112587.67	1069320.20
149	499+51.84	39.87 RT	2112587.16	1069510.78
150	199+50.89	40.15 LT	2112599.98	1069532.61

PROJECT COORDINATES Illinois State Plane, East Zone, NAD 83 (2011)				
Point #	Station	Offset	Northing	Easting
151	199+17.69	39.75 RT	2112556.12	1069560.34
152	500+83.73	39.87 RT	2112586.81	1069642.67
153	201+15.63	40.00 RT	2112748.77	1069572.58
154	201+15.63	45.00 RT	2112749.93	1069577.45
155	200+82.85	45.00 RT	2112718.03	1069585.01
156	500+65.19	50.13 LT	2112676.86	1069624.37
157	502+51.17	50.14 LT	2112676.36	1069610.35
158	500+93.12	65.13 LT	2112691.78	1069552.34
159	502+61.70	65.14 LT	2112691.33	1069620.92
160	502+14.44	2.17 RT	2112624.15	1069773.48
161	499+18.55	40.13 LT	2112667.25	1069477.71
162	200+82.44	40.00 LT	2112698.02	1069502.40

LEGEND

9 10
16 15

SECTION CORNER

16 15

QUARTER SECTION CORNER

129.32'
129.32'(COMP.)
()

EXISTING BUILDING

SECTION LINE

QUARTER SECTION LINE

QUARTER, QUARTER SECTION LINE

PLATTED LOT LINE

PROPERTY (DEED) LINE

APL

APPARENT PROPERTY LINE

CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

PROPOSED EASEMENT

MEASURED DIMENSION

COMPUTED DIMENSION

RECORD DATA

EXISTING BUILDING

●

IRON ROD SET

○

IRON PIPE OR ROD FOUND

+

CUT CROSS FOUND OR SET

○ T1

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.

○ T2

IRON ROD PUSHED INTO GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

○ B1

THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.

○ B2

BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

○ B3

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M

STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

●

PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)

□

RIGHT OF WAY STAKING PROPOSED TO BE SET.

◇

LIGHT STANDARD

◇

P.O.B. - POINT OF BEGINNING

◇

P.O.C. - POINT OF COMMENCEMENT

○

PK NAIL SET

○

REPLACED AFTER CONSTRUCTION

STATE OF ILLINOIS)
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS ____ DAY OF _____, A.D., 2019.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2020

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

IDOT USE ONLY

RECEIVED

MAR 27 2019

PLATS & LEGALS

NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999600664
- AREAS SHOWN ON THIS PLAT ARE GROUND.
- ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: STA. 504+00 TO STA. 511+00.00 JOB NO.: R-91-025-13
SCALE: 1" = 30' SHEET 5 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

USER NAME = Velichkovv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	51
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

PART OF SW 1/4 OF SECTION 13 TWP. 46 R. 10 E. OF THE THIRD P.M., IN LAKE COUNTY ILLINOIS

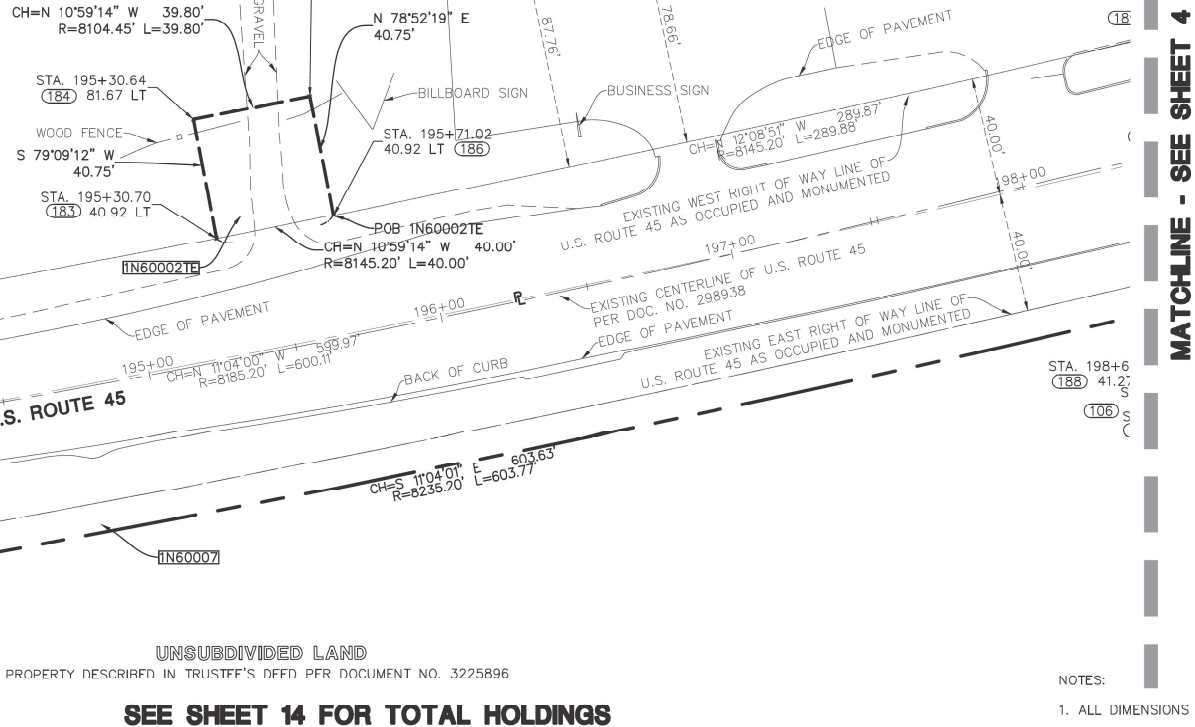
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PARCEL INDEX NUMBER
1N60002	11.305	0.389	0.273	10.916	N/A	02-13-300-002
1N60002TE		N/A	N/A	N/A	0.037	
1N60007	435.145	1.002	0.802	434.143	N/A	02-13-300-004 02-13-400-001 02-13-400-002 02-13-400-003 02-13-400-005 02-24-100-003 02-24-200-004 02-24-200-006 02-24-400-005

NOTE:
TOTAL HOLDING AREA VALUES OF PARCEL 1N60001 AND 1N60007 ARE APPROXIMATE PER RECORD DOCUMENTS, TAX MAPS, ASSESSORS DATA AND TOWNSHIP MAPS.

Point Table				
Point #	Station	Offset	Northing	Easting
107	198+62.27	51.27 RT	2112504.48	1069640.36
108	192+62.10	40.82 RT	2111910.52	1069746.35
109	192+00.00	50.73 RT	2111850.74	1069765.90
110	192+00.01	40.73 RT	2111849.19	1069756.03
178	191+86.61	0.00 RT	2111829.54	1069717.91
179	192+62.16	0.82 RT	2111904.28	1069706.84
180	198+62.28	1.27 RT	2112493.09	1069591.67
183	195+30.70	40.92 LT	2112161.34	1069621.34
184	195+30.64	81.67 LT	2112153.67	1069581.32
185	195+71.08	81.67 LT	2112192.74	1069573.74
186	195+71.02	40.92 LT	2112200.60	1069613.72
187	192+62.10	40.82 RT	2111910.51	1069746.35
188	198+62.27	41.27 RT	2112502.20	1069630.62
189	198+62.28	38.73 LT	2112483.98	1069552.72

SEE SHEET 12 FOR TOTAL HOLDINGS

UNSUBDIVIDED LAND
PROPERTY DESCRIBED IN WARRANTY DEED PER DOCUMENT NO. 1904668



UNSUBDIVIDED LAND
PROPERTY DESCRIBED IN TRUSTEE'S DEED PER DOCUMENT NO. 3225896

SEE SHEET 14 FOR TOTAL HOLDINGS

- NOTES:
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999600664.
 - AREAS SHOWN ON THIS PLAT ARE GROUND.
 - ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/21/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD



SECTION CORNER



QUARTER CORNER

- SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APL
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA
EXISTING BUILDING

LEGEND

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- OUT CROSS FOUND OR SET
- T1
- T2
- T3
- BT1
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M
- STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

STATE OF ILLINOIS)
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS ____ DAY OF _____, A.D., 2019.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2020

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

IDOT USE ONLY

RECEIVED

MAR 27 2019

PLATS & LEGALS

Manhard CONSULTING LTD.
One Oakbrook Park, Suite 100, Lincolnshire, IL 60069
Civil Engineers • Surveyors • Water-Resource Engineers • Water & Wastewater Engineers
Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-025-13
STA. 191+00 TO STA. 198+00.00
SCALE: 1" = 30' SHEET 6 OF 14 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

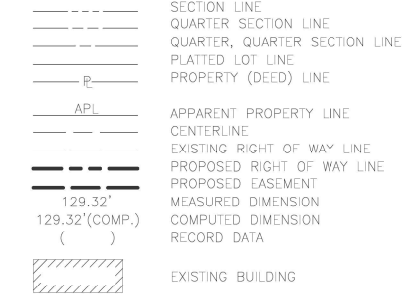
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

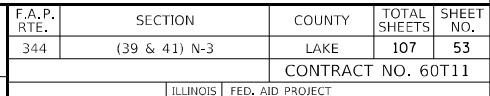
SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	52
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: pw:\planroom_dot_illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\P169209\CADData\Design\P169209-sht-details.dgn

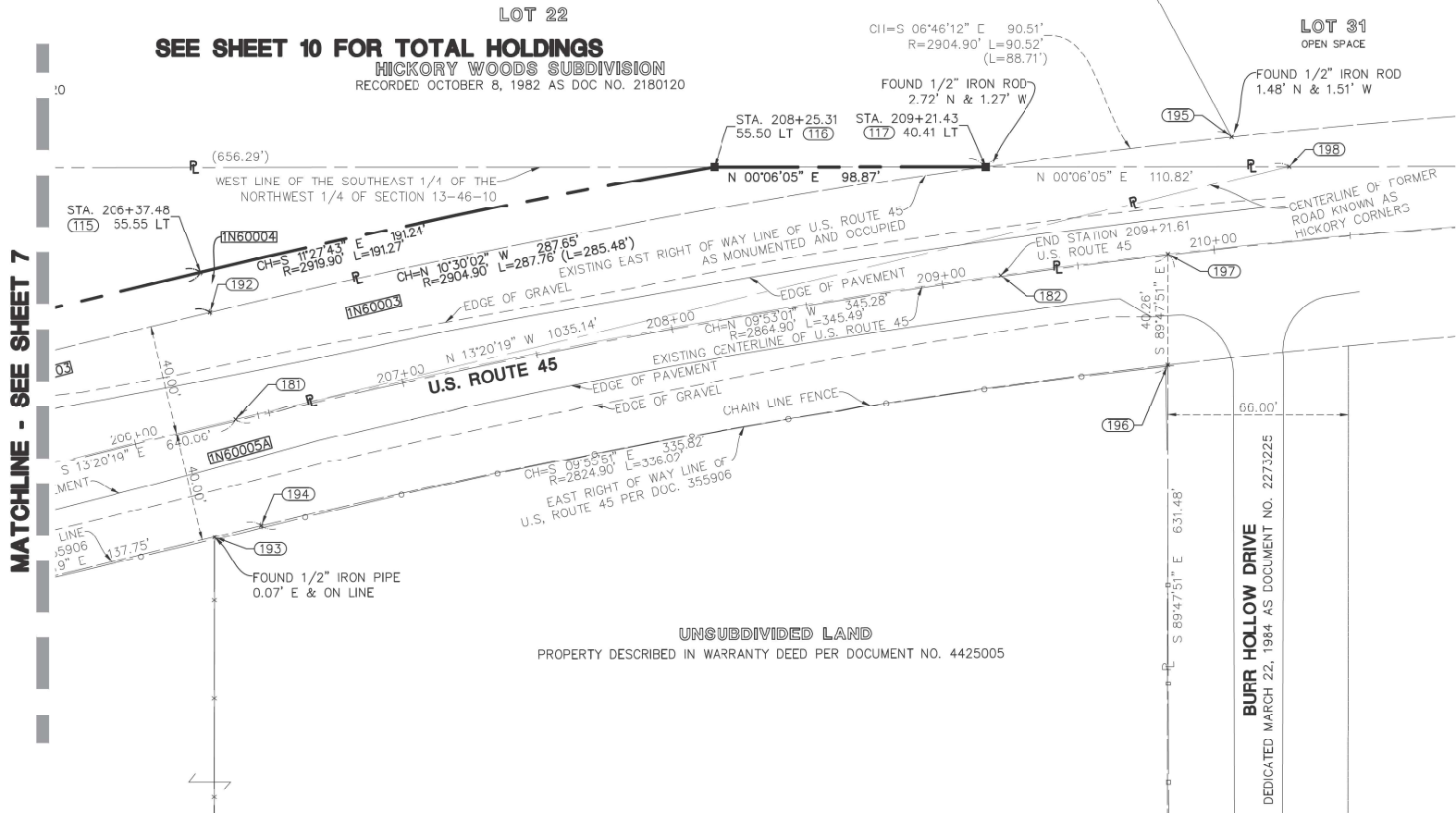
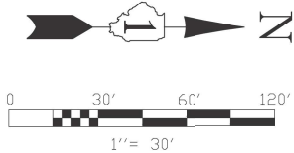


MATCHLINE - SEE SHEET 4



PART OF NW 1/4 OF SECTION 13 TWP. 46 R. 10 E. OF THE THIRD P.M., IN LAKE COUNTY ILLINOIS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PARCEL INDEX NUMBER
1N60003	1.795	1.123	1.041	0.672	N/A	02-13-100-040
1N60003TE		N/A	N/A	N/A	0.102	
1N60004	0.984	0.213	0	0.771	N/A	02-13-100-039
1N60005A	22.560	A=1.336	A=1.163	20.818	N/A	02-13-100-014
1N60005B		B=0.406	B=0.303			02-13-100-042
1N60005TE-A 1N60005TE-B			N/A	N/A	A=0.019 B=0.003 (124 SF)	02-13-100-043



Point Table				
Point #	Station	Offset	Northing	Easting
115	206+37.48	55.55 LT	2113234.95	1069359.68
116	208+20.31	55.50 LT	2113422.07	1069321.60
117	209+21.43	40.41 LT	2113521.24	1069321.85
181	206+37.84	0.55 LT	2113247.63	1069413.19
182	209+21.39	0.42 LT	2113526.57	1069361.49
192	206+37.52	40.55 LT	2113238.41	1069374.27
193	206+20.27	39.56 RT	2113239.87	1069456.20
194	206+37.75	39.45 RT	2113256.86	1069452.11
195	210+10.70	40.31 LT	2113611.12	1069311.18
196	209+78.31	39.84 RT	2113587.65	1069394.19
197	209+63.30	0.01 RT	2113387.79	1069353.94
198	210+30.41	27.11 LT	2113632.06	1069322.85

- NOTES:
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999600664
 - AREAS SHOWN ON THIS PLAT ARE GROUND.
 - ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD

One Oakbrook Plaza, Suite 200, Lincolnshire, IL 60069 (847) 634-5500 (847) 634-0066 manhard.com
Civil Engineers • Surveyors • Water Resource Engineers • Water & Wastewater Engineers
Construction Managers • Environmental Scientists • Landscape Architects • Planners

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: TO STA. 210+00.00 JOB NO.: R-91-025-13
STA. 206+00 TO STA. 210+00.00
SCALE: 1" = 30' SHEET 8 OF 14 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196



SECTION CORNER



QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1
- T2
- T3
- BT1
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M
- STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

STATE OF ILLINOIS
COUNTY OF LAKE

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS ____ DAY OF _____, A.D., 2019.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2020

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

IDOT USE ONLY

RECEIVED

MAR 27 2019
PLATS & LEGALS

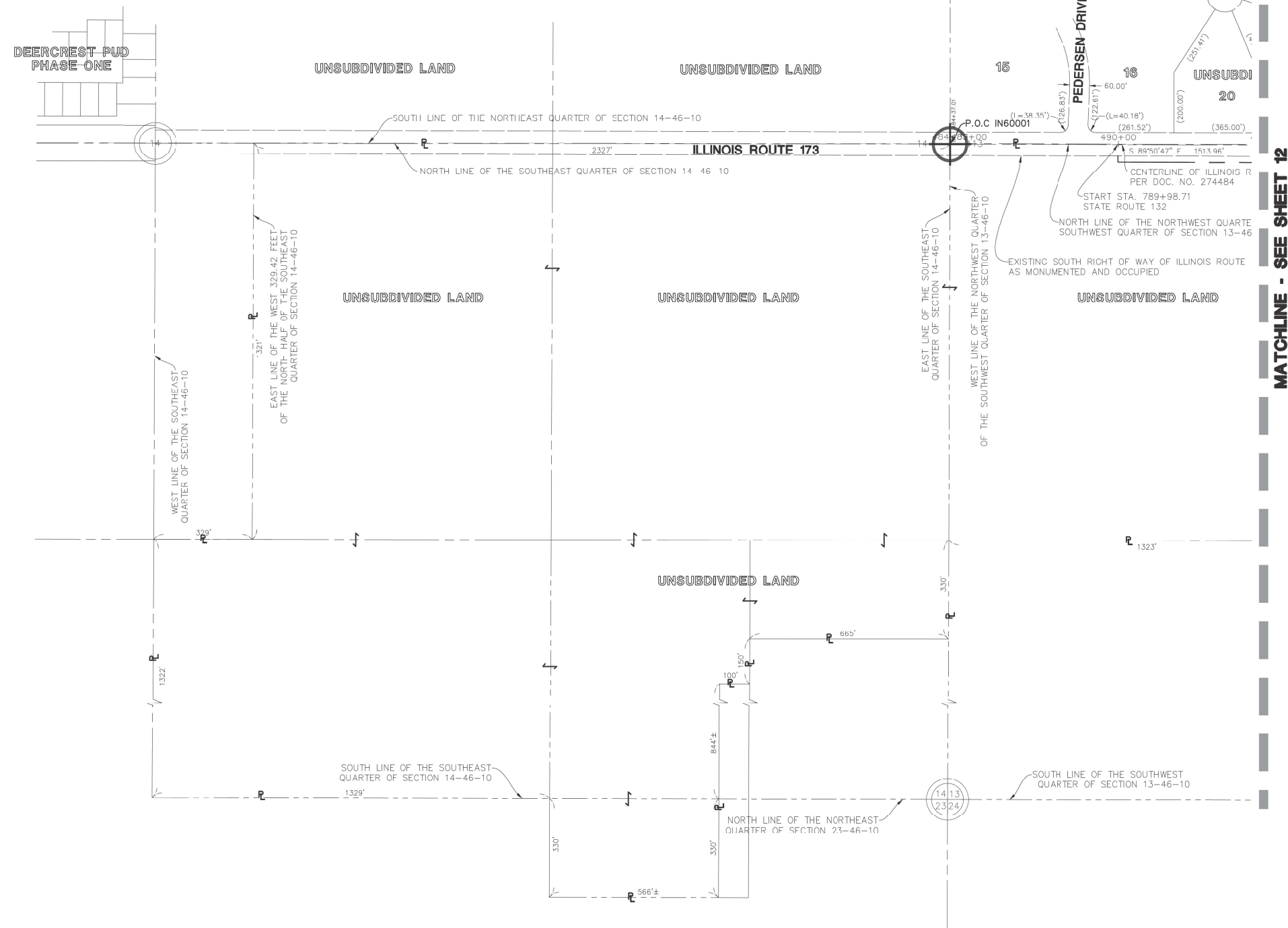
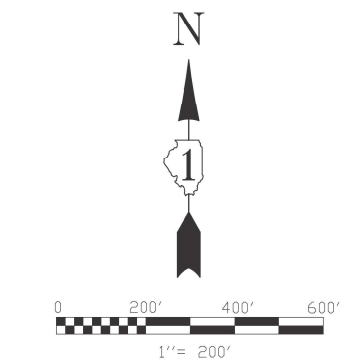
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	54
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

NOTE:
TOTAL HOLDING AREA VALUES OF PARCEL 1N60001 AND
1N60007 ARE APPROXIMATE PER RECORD DOCUMENTS, TAX
MAPS, ASSESSORS DATA AND TOWNSHIP MAPS.



SECTION CORNER



QUARTER
SECTION
CORNER

_____ SECTION LINE
 _____ QUARTER SECTION LINE
 _____ QUARTER, QUARTER SECTION LINE
 _____ PLATTED LOT LINE
 _____ P _____ PROPERTY (DEED) LINE

	APL	APPARENT PROPERTY LINE
		CENTERLINE
		EXISTING RIGHT OF WAY LINE
		PROPOSED RIGHT OF WAY LINE
		PROPOSED EASEMENT
129.32'		MEASURED DIMENSION
129.32'(COMP.)		COMPUTED DIMENSION
()		RECORD DATA

 EXISTING BUILDING

LEGEND

- | | | |
|----------|---|-----------------------------|
| ● | IRON ROD SET | PK NAIL SET |
| ○ | IRON PIPE OR ROD FOUND | REPLACED AFTER CONSTRUCTION |
| + | CUT CROSS FOUND OR SET | |
| T1 | THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. | |
| T2 | IRON ROD LUSHED WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER. | |
| T3 | | |
| BT1 | THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. | |
| BT2 | BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER. | |
| BT3 | | |
| ■ | STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. | |
| ■ M | STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. | |
| | METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER. | |
| ⊙ | PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS) | |
| □ | RIGHT OF WAY STAKING PROPOSED TO BE SET. | |
| ◇ | LIGHT STANDARD | |
| P.O.B. = | POINT OF BEGINNING | |
| P.O.C. = | POINT OF COMMENCEMENT | |

STATE OF ILLINOIS))SS
COUNTY OF LAKE)

I, JAMES D. BAKI, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND ARE SUCH THAT THIS SURVEY IS SURE TO BE REPRODUCED; THAT MOVEMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2019.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2020

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-025-13
TOTAL HOLDINGS
SCALE: 1" = 200' SHEET 9 OF 14 SHEETS

**BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196**

IDOT USE ONLY

RECEIVED

MAR 27 2019
PLATS & LEGALS

USER NAME = Velichkovvv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE	SHEET	OF	SHEETS	STA.	TO STA.
-------------	-------	----	--------	------	---------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	55
		CONTRACT NO. 60T11		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: d:\p169209\CADDData\Design\p169209-shr-details.dgn

PART OF SECTION 13 TWP. 46 R. 10 E. OF THE THIRD P.M., IN LAKE COUNTY ILLINOIS

NOTE:
TOTAL HOLDING AREA VALUES OF PARCEL 1N60001 AND 1N60007
ARE APPROXIMATE PER RECORD DOCUMENTS, TAX MAPS, ASSESSORS
DATA AND TOWNSHIP MAPS.

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999600664
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.



SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APL
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

LEGEND

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1
- T2
- T3
- BT1
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

STATE OF ILLINOIS)
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS ____ DAY OF _____, A.D., 2019.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2020

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/30/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-025-13
TOTAL HOLDINGS
SCALE: 1" = 200' SHEET 10 OF 14 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

RECEIVED

MAR 27 2019

PLATS & LEGALS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	56
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

USER NAME = Velichkovv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2021	DATE -	REVISED -

MATCHLINE - SEE SHEET 9

MATCHLINE - SEE SHEET 11

MATCHLINE - SEE SHEET 12

PART OF SECTION 13 TWP. 46 R. 10 E. OF THE THIRD P.M., IN LAKE COUNTY ILLINOIS

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999600664
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.



SECTION
CORNER



QUARTER
SECTION
CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

LEGEND

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1
- T2
- T3
- BT1
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION

STATE OF ILLINOIS)
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS _____ DAY OF _____, A.D., 2019.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2020

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-025-13
TOTAL HOLDINGS _____
SCALE: 1" = 200' SHEET 11 OF 14 SHEETS

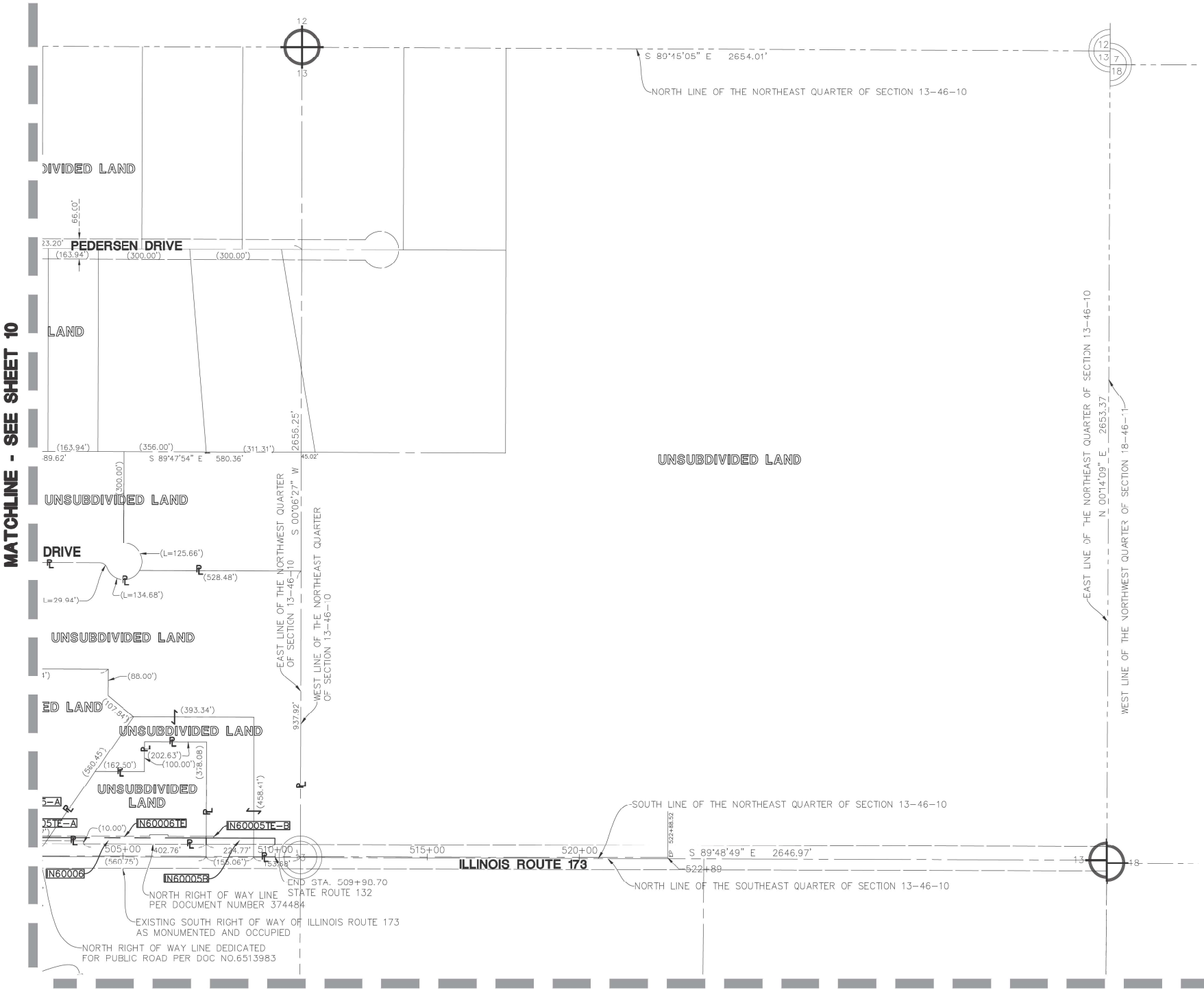
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

RECEIVED
MAR 27 2019
PLATS & LEGALS

MATCHLINE - SEE SHEET 12

MATCHLINE - SEE SHEET 10



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

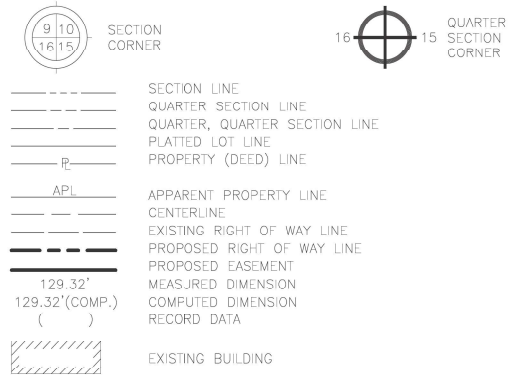
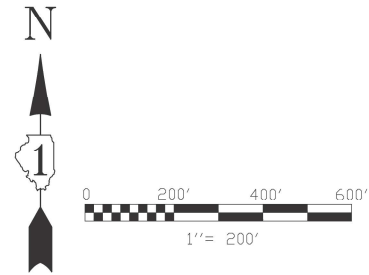
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	57
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

USER NAME = Velichkovv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2021	DATE -	REVISED -

MODEL: Default
FILE NAME: pw:\\planroom.dot.illinois.gov\PW\DOT\Documents\DOT Offices\District 1\Projects\P169209\CADDData\Design\P169209-sht-details.dgn

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MFASURFED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999600664
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.



- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1
T2
T3
- BT1
BT2
BT3
-
- M
-
-
-

P.O.B. = POINT OF BEGINNING
P.O.C. = POINT OF COMMENCEMENT

I, JAMES D. BAKER DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS AND EMBELISHMENTS WERE OF SUPERIOR QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD



LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-025-13
TOTAL HOLDINGS
SCALE: 1" = 200' SHEET 12 OF 14 SHEETS

RECEIVED
MAR 27 2019
PLATS & LEGALS

**BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196**

USER NAME = Velichkovvv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE	SHEET	OF	SHEETS	STA.	TO STA.
-------------	-------	----	--------	------	---------

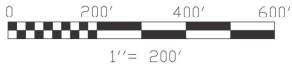
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	58
		CONTRACT NO. 60T11		
		ILLINOIS	FED. AID PROJECT	

PART OF SECTION 13 TWP. 46 R. 10 E. OF THE THIRD P.M., IN LAKE COUNTY ILLINOIS

NOTE:
TOTAL HOLDING AREA VALUES OF PARCEL 1N60001 AND 1N60007
ARE APPROXIMATE PER RECORD DOCUMENTS, TAX MAPS, ASSESSORS
DATA AND TOWNSHIP MAPS.

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT" "GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999600664
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.



SECTION
CORNER



QUARTER
SECTION
CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

LEGEND

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- + CUI CROSS FOUND OR SET
- T1 THESE STAKES, REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY
- T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONU-
- BT2 MENTATION. BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE
- BT3 FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY
- M STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA
- AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER
- POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

STATE OF ILLINOIS)
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS ____ DAY OF _____, A.D., 2019.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2020
DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD



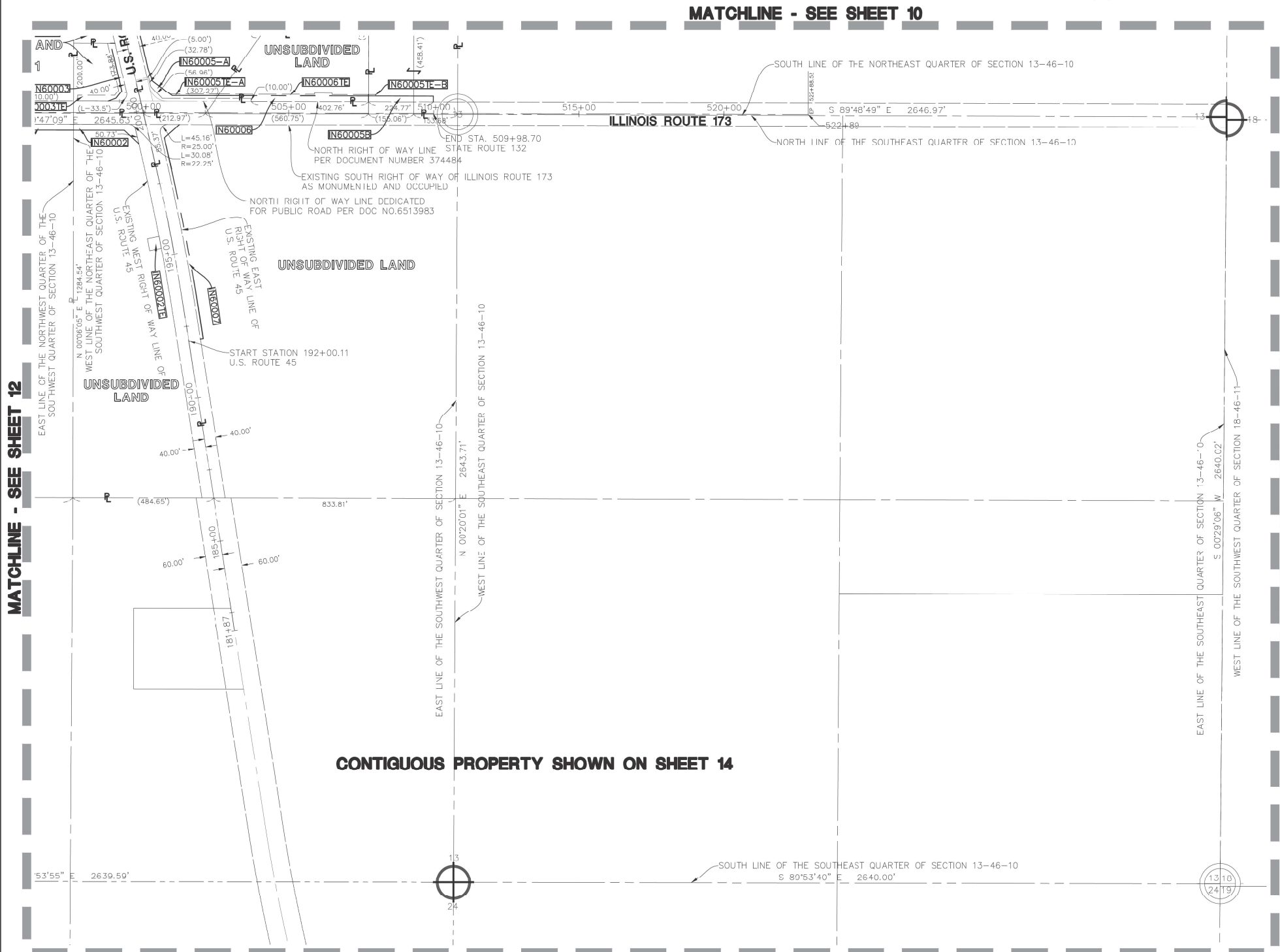
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-025-13
TOTAL HOLDINGS
SCALE: 1" = 200' SHEET 13 OF 14 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

RECEIVED
MAR 27 2019
PLATS & LEGALS



CONTIGUOUS PROPERTY SHOWN ON SHEET 14

MATCHLINE - SEE SHEET 14 DETAIL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	59
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

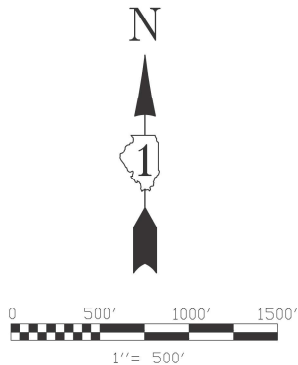
USER NAME = Velichkovv	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2021	DATE -	REVISED -

PART OF SECTION 13 TWP. 46 R. 10 E. OF THE THIRD P.M., IN LAKE COUNTY ILLINOIS

NOTE:
TOTAL HOLDING AREA VALUES OF PARCEL 1N60001 AND 1N60007
ARE APPROXIMATE PER RECORD DOCUMENTS, TAX MAPS, ASSESSORS
DATA AND TOWNSHIP MAPS.

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN ARE ON THE ILLINOIS STATE
PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM
OF 1983 (2011 ADJUSTMENT) "GRID"
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID NOT"
"GROUND" TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY
THE COMBINATION FACTOR OF 0.9999600664
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. ORIGINAL FIELD WORK COMPLETED NOVEMBER 5, 2018.



SECTION
CORNER



QUARTER
SECTION
CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

LEGEND

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- + CUI CROSS FOUND OR SET
- T1 THESE STAKES, REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY
- T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONU-
- BT2 MENTATION. BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE
- BT3 FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY
- M STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, 1 D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- ◇ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

STATE OF ILLINOIS)
COUNTY OF LAKE)

I, JAMES D. BAKER, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF
HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 46 NORTH RANGE 10,
EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS; THAT THE
SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE
AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL
MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND
OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE
SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE
DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LINCOLNSHIRE, ILLINOIS THIS ____ DAY OF
____, A.D., 2019.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3648
LICENSE EXPIRES NOVEMBER 30, 2020

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2019

REVISED: 03/27/2019 PER IDOT COMMENTS - PJD
REVISED: 03/20/2019 PER IDOT COMMENTS - PJD
REVISED: 03/11/2019 PER IDOT COMMENTS - PJD
REVISED: 02/06/2019 PER IDOT COMMENTS - PJD
REVISED: 01/07/2019 PER IDOT COMMENTS - PJD



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL ROUTE 173

LIMITS: ILLINOIS ROUTE 173 COUNTY: LAKE
SECTION: _____ JOB NO.: R-91-025-13
TOTAL HOLDINGS
SCALE: 1" = 200' SHEET 14 OF 14 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

RECEIVED

MAR 27 2019

PLATS & LEGALS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLATS OF HIGHWAYS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	60
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

USER NAME = Velichkovv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2021	DATE -	REVISED -

FILE NAME = \$FILE\$
PLOT SCALE = 40,0000' / in.
USER NAME = \$USER\$

TS SHT NO. 09



USER NAME	= esa1uriz
PLOT SCALE	= 40,0000' / in.
PLOT DATE	= 7/9/2020

DESIGNED	- TN
DRAWN	- JP
CHECKED	- TN
DATE	- 7/9/2020

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
IL ROUTE 173 (ROSECRANS ROAD) AND US ROUTE 45

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(398.41) N-3	LAKE	107	61
CONTRACT NO. 60T11				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

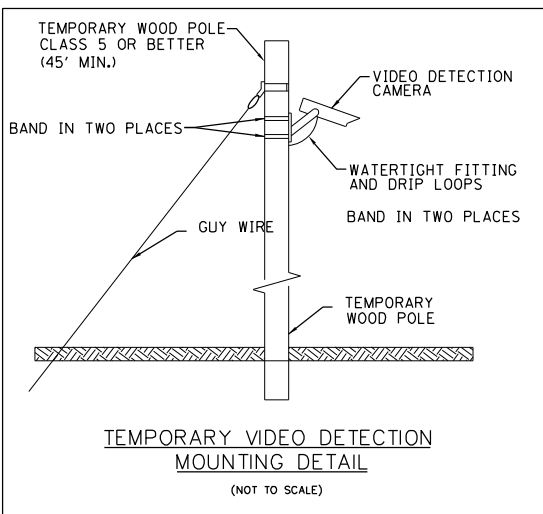
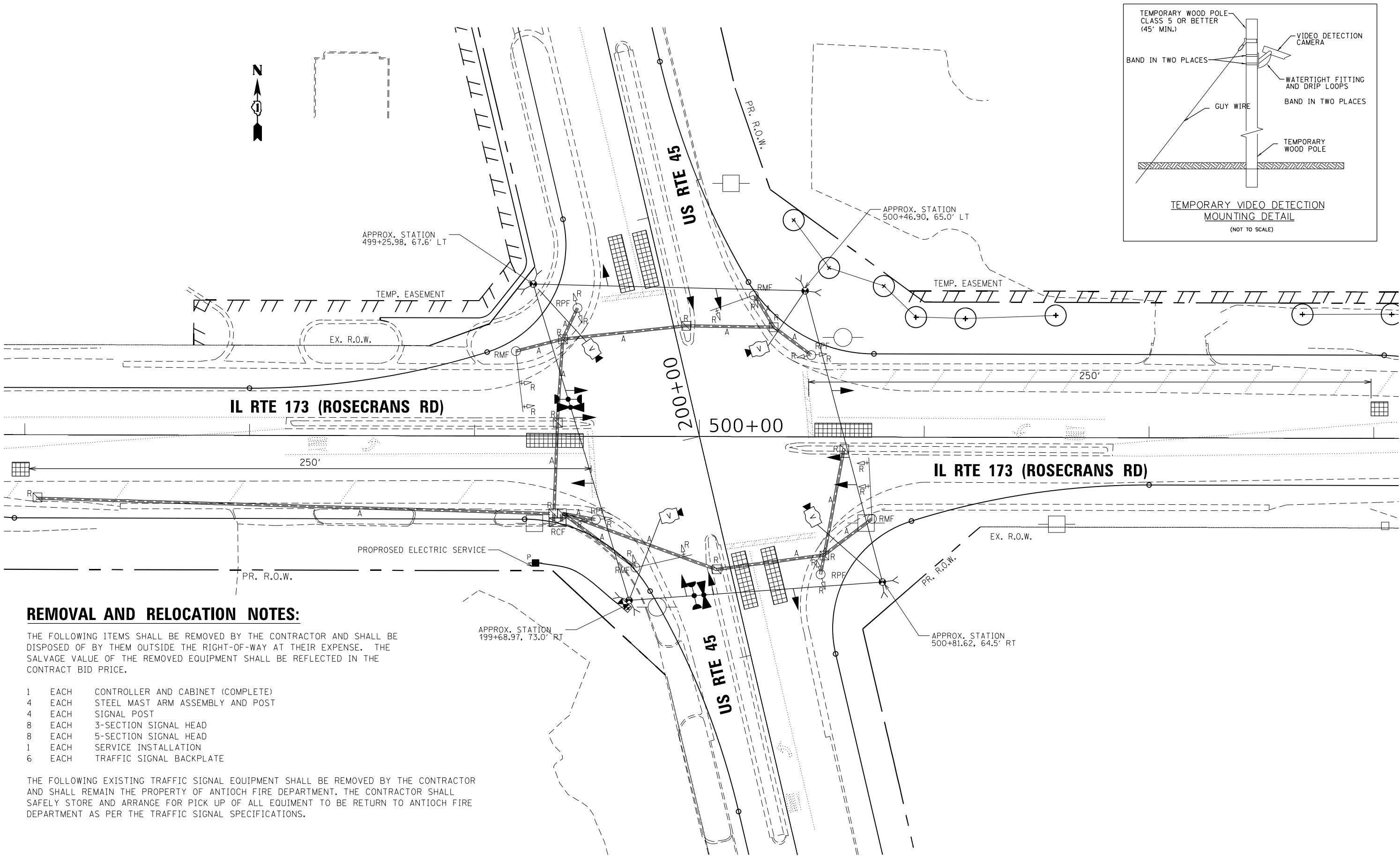
TS 6620

REMOVAL AND RELOCATION NOTES:

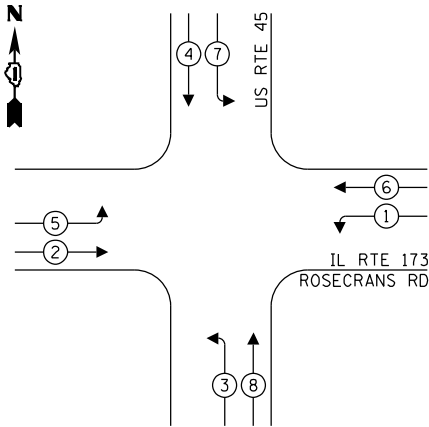
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 4 EACH STEEL MAST ARM ASSEMBLY AND POST
- 4 EACH SIGNAL POST
- 8 EACH 3-SECTION SIGNAL HEAD
- 8 EACH 5-SECTION SIGNAL HEAD
- 1 EACH SERVICE INSTALLATION
- 6 EACH TRAFFIC SIGNAL BACKPLATE

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF ANTIOCH FIRE DEPARTMENT. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURN TO ANTIOCH FIRE DEPARTMENT AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.



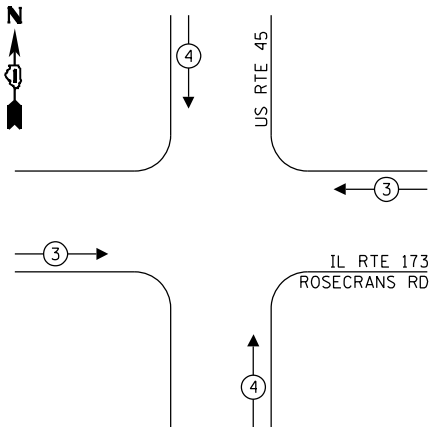
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



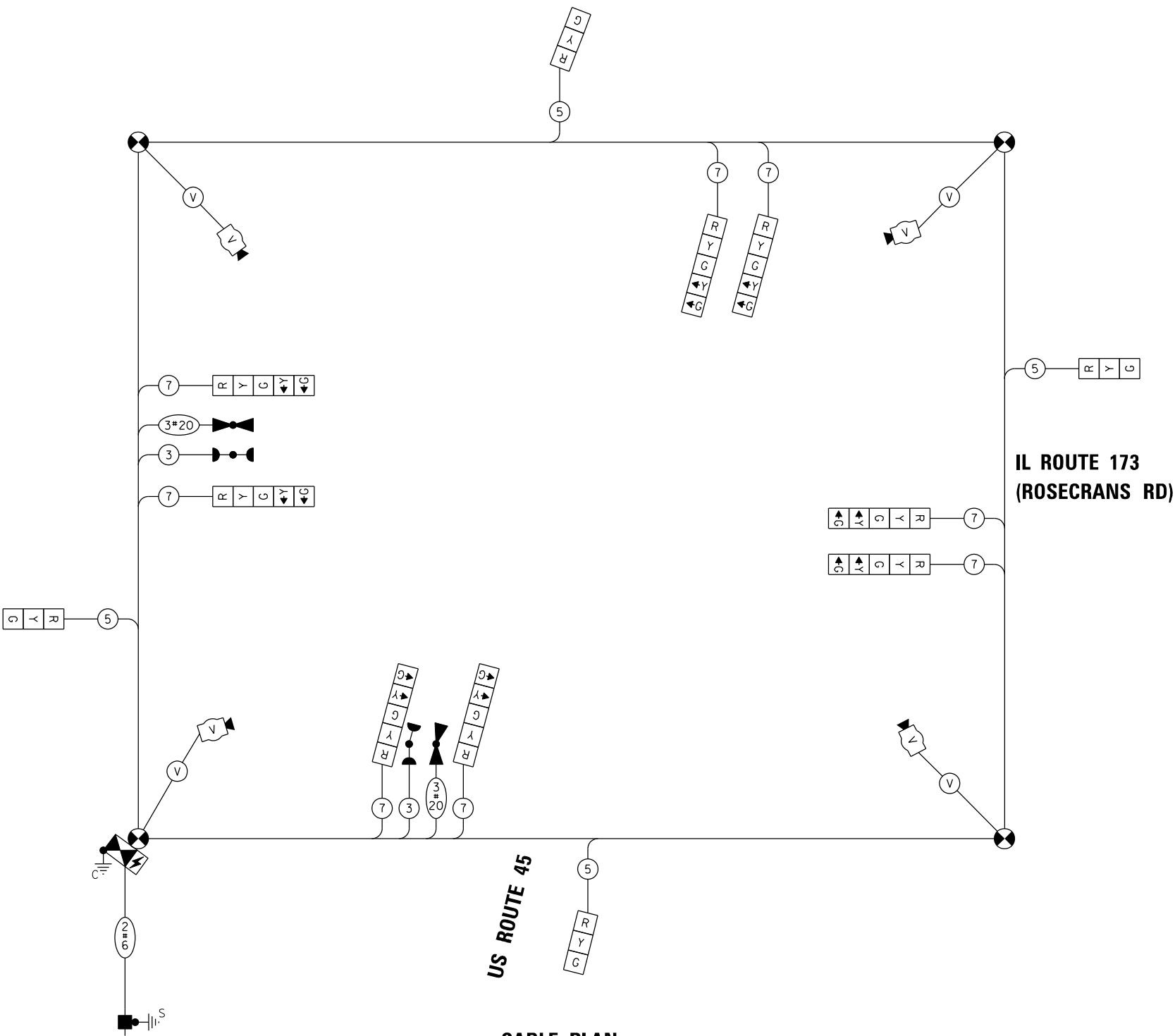
TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	17	50	102.0
(YELLOW)	12	25	5	15.0
(GREEN)	12	15	45	81.0
PERMISSIVE ARROW	16	12	10	19.2
PED. SIGNAL	0	25	100	00.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				492.2

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER CT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: TERRI BLECK
PHONE: (847) 816-5239
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



CABLE PLAN

(NOT TO SCALE)

TS SHT NO. 10

FILE NAME = \$FILE\$
PLOT SCALE = 40,0000' / in.
USER NAME = \$USER\$



USER NAME	= esa1ur2
DESIGNED	- TN
DRAWN	- JP
REVIS	-
PLOT SCALE	= 40,0000' / in.
CHECKED	- TN
REVIS	-
PLOT DATE	= 7/9/2020
DATE	- 7/9/2020
REVIS	-

DESIGNED	- TN
DRAWN	- JP
REVIS	-
PLOT SCALE	= 40,0000' / in.
CHECKED	- TN
REVIS	-
PLOT DATE	= 7/9/2020
DATE	- 7/9/2020
REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL ROUTE 173 (ROSECRANS ROAD) AND US ROUTE 45

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(398.41) N-3	LAKE	107	62
CONTRACT NO.				60T11
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TS 6620

\$FILE\$

FILE NAME = \$FILE\$
PLOT SCALE = 80,0000' / in.
USER NAME = \$USER\$

TS SHT NO. 11



USER NAME	= esa4uriz	DESIGNED	- TN	REVISED	-
DRAWN	- JP	CHECKED	- TN	REVISED	-
PLOT SCALE	= 80,0000' / in.	DATE	- 7/9/2020	REVISED	-
PLOT DATE	= 7/9/2020				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

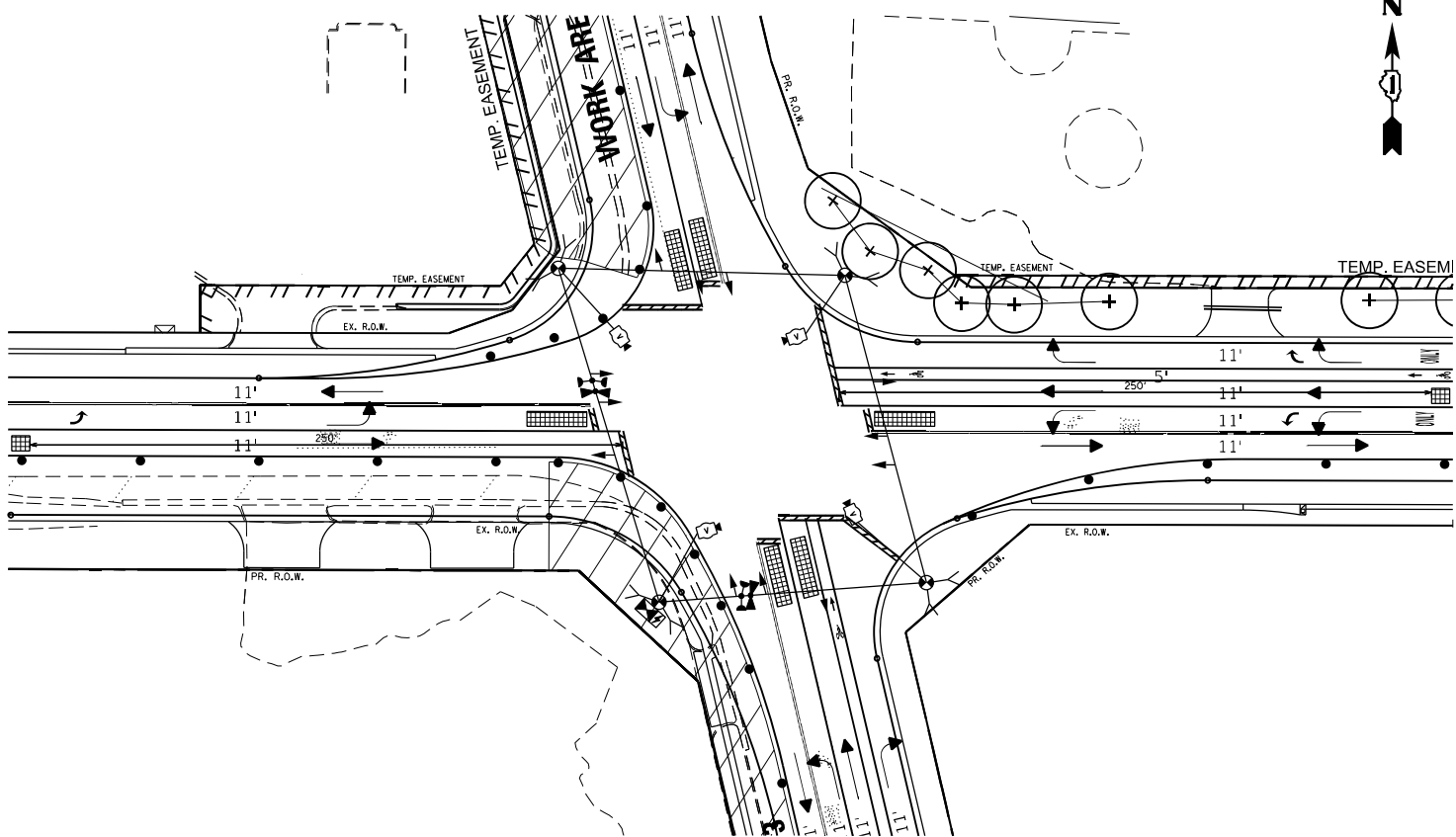
TEMPORARY TRAFFIC SIGNAL STAGING PLAN
IL ROUTE 173 (ROSECRANS ROAD) AND US ROUTE 45

SCALE: 1"=40' SHEET NO. OF SHEETS STA. TO STA.

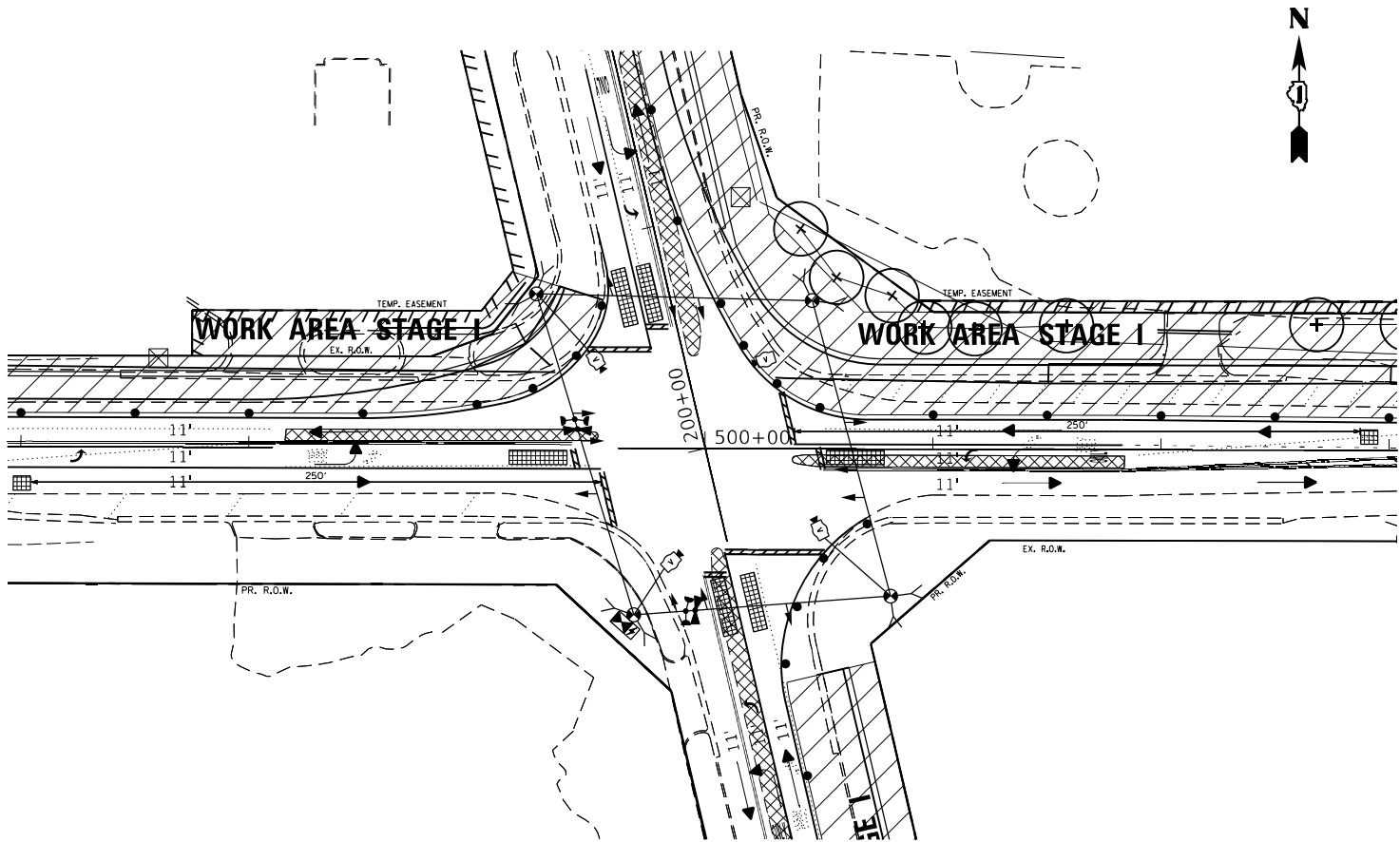
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(398.41) N-3	LAKE	107	63
CONTRACT NO.				60T11
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TS 6620

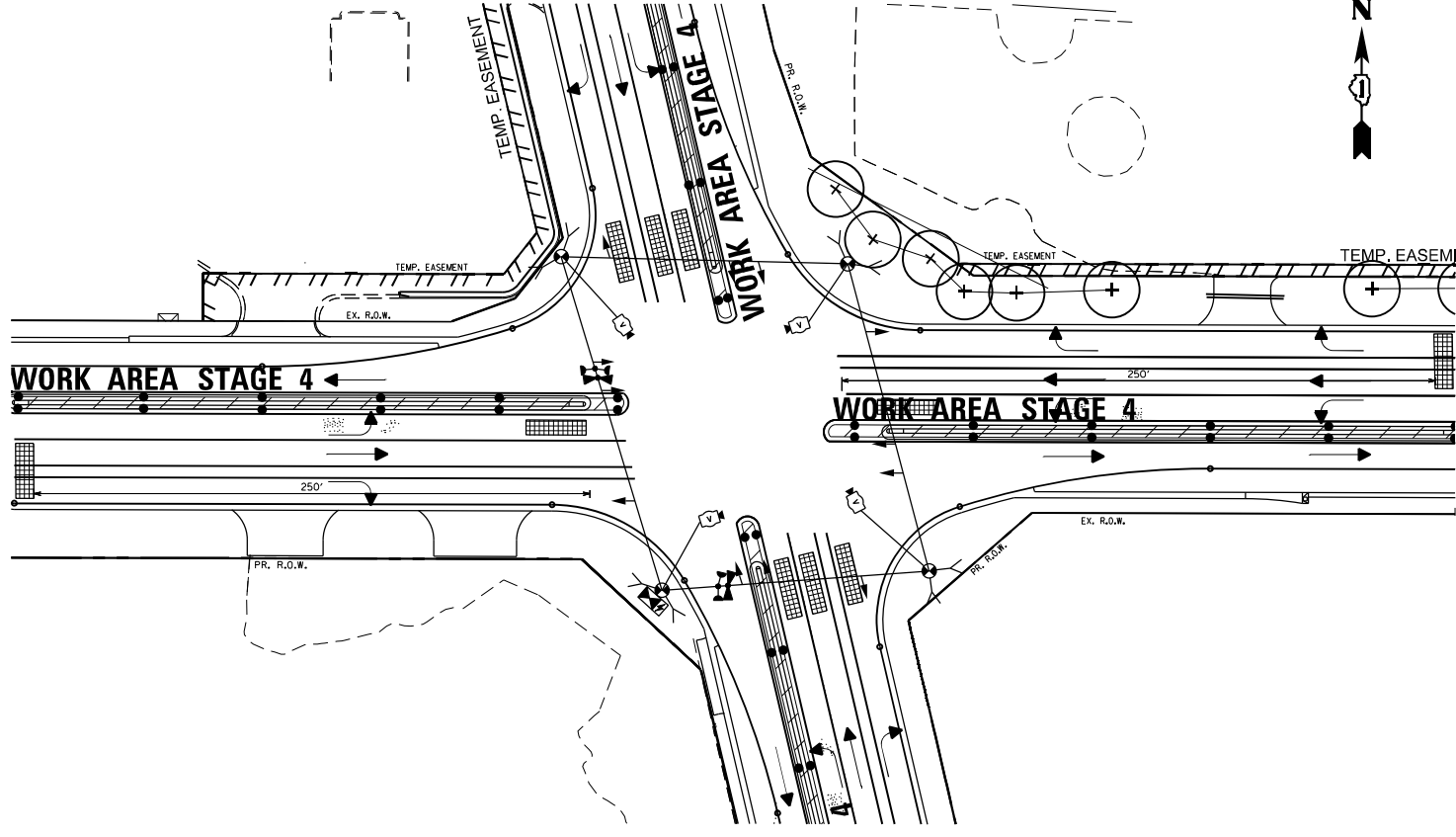
\$FILE\$



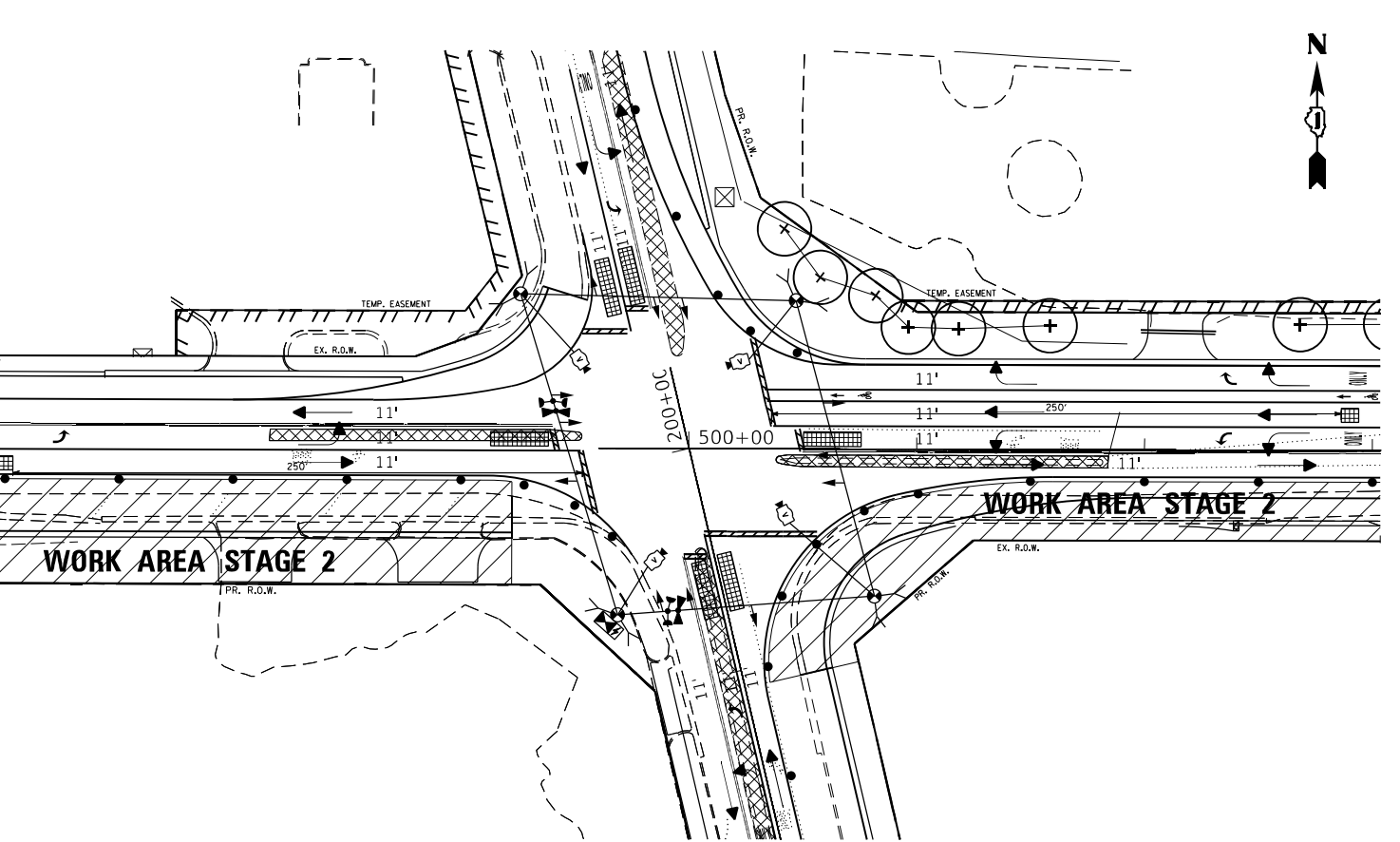
STAGE-3



STAGE-1



STAGE-4



STAGE-2

MODEL: Default
FILE NAME: I:\2019\13 CHN\18-03-5500 IDOT.FTB 100 - Various Traffic Signal Design\Graphics\WO 18-005 files\160209Sheet Proposed.dba.dgn

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

Sam Schwartz
223 W. JACKSON
SUITE 1101
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = esalutz	DESIGNED - ECS	REVISED -
	DRAWN - ECS	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - PAW	REVISED -
PLOT DATE = 7/9/2020	DATE - 07/08/2020	REVISED -

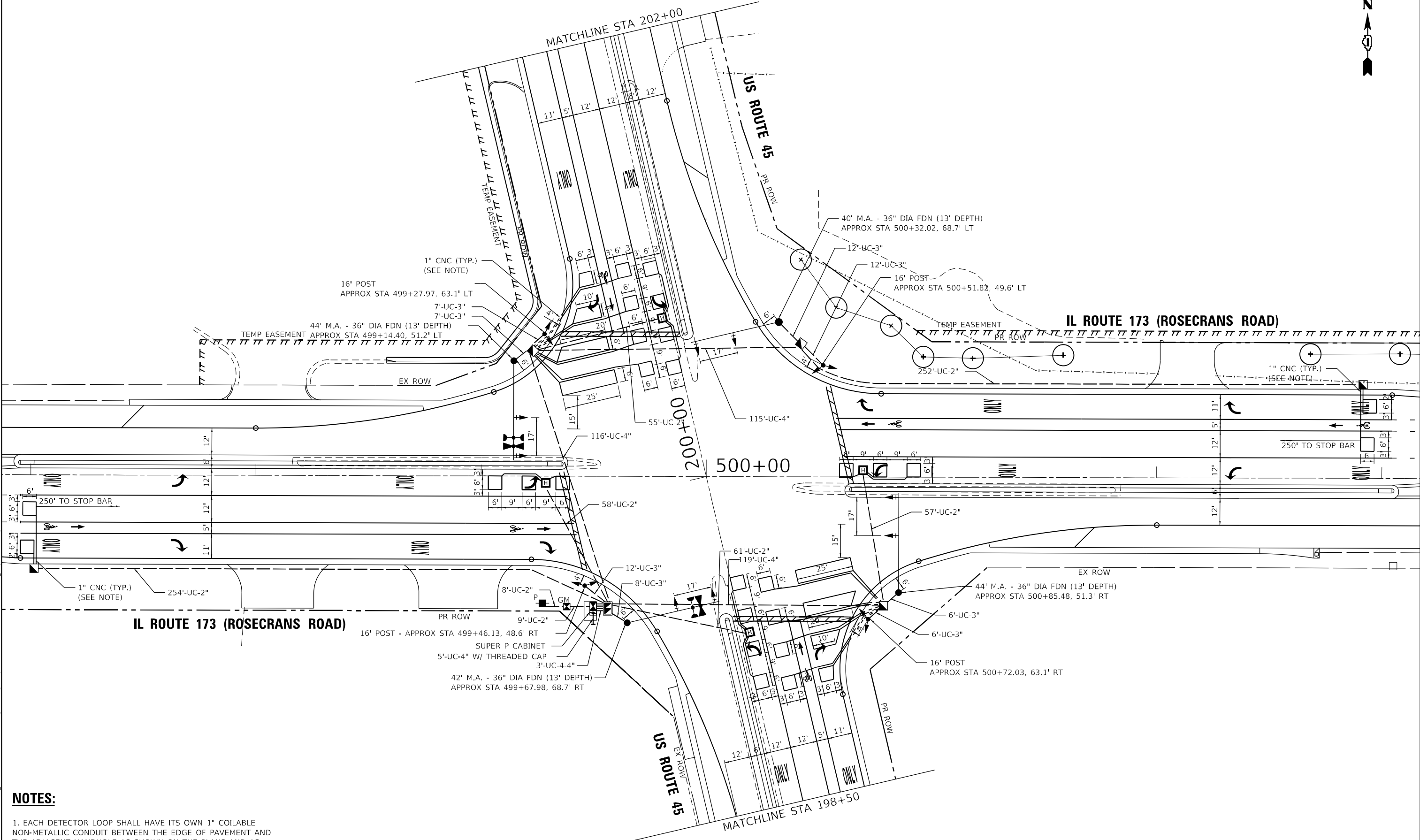
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 2)
IL RTE 173 AT US RTE 45

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39&41)N-3	LAKE	107	64
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

TS 6620



MODEL: Default
FILE NAME: I:\2019\13 CHN\18-03-5500 DOT ETB 190 - Various Traffic Signal Design\Graphics\WO 18-005 Iles\PI60209-Street Proposed_R18a.dgn

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

Sam
Schwartz

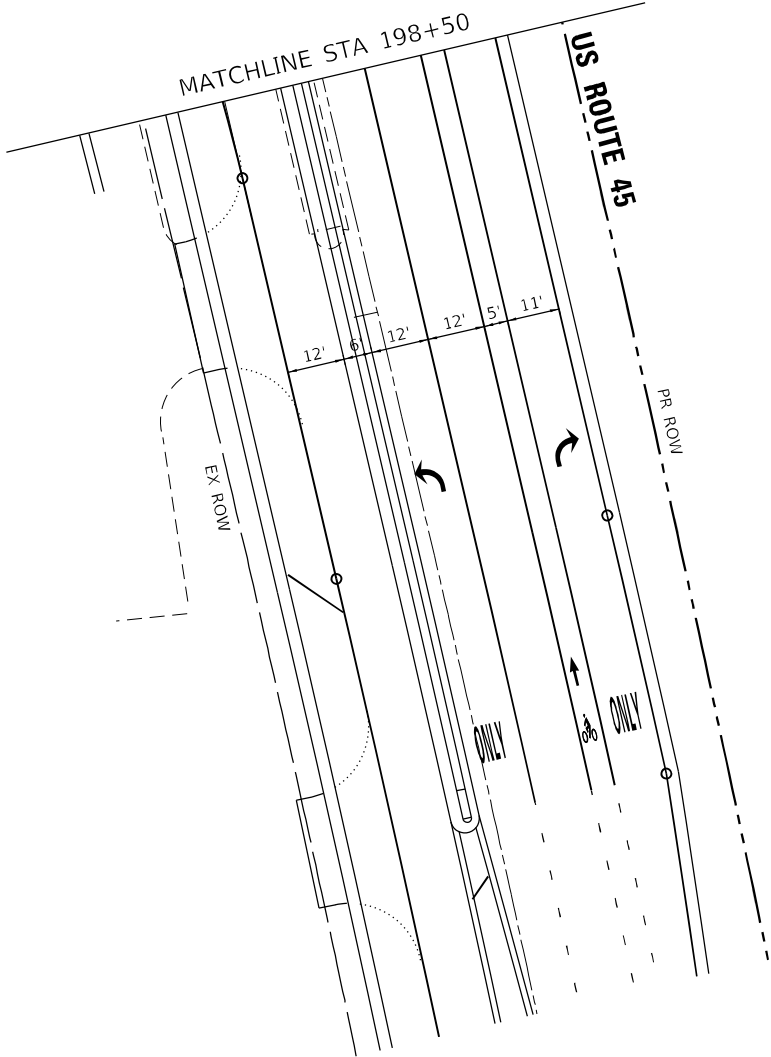
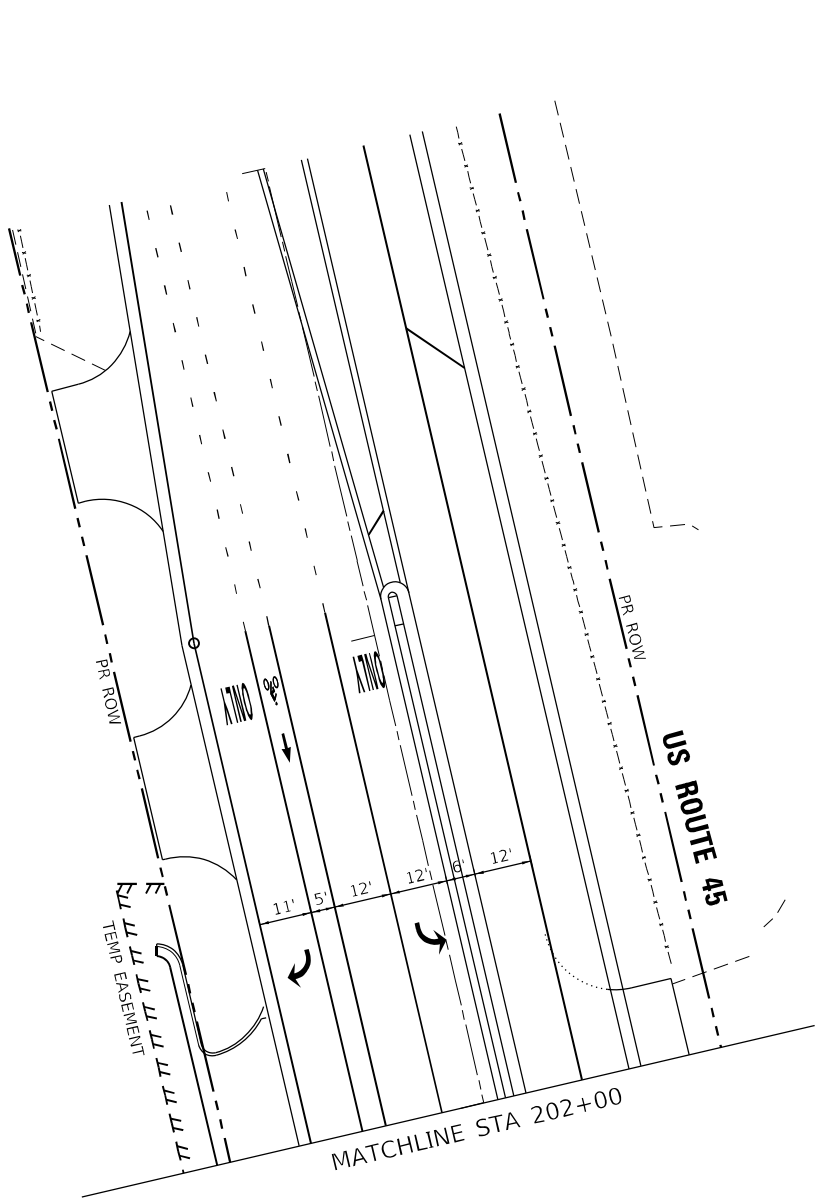
223 W. JACKSON
SUITE 1101
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = esalutz	DESIGNED - ECS	REVISED -
	DRAWN - ECS	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - PAW	REVISED -
PLOT DATE = 7/9/2020	DATE - 07/08/2020	REVISED -

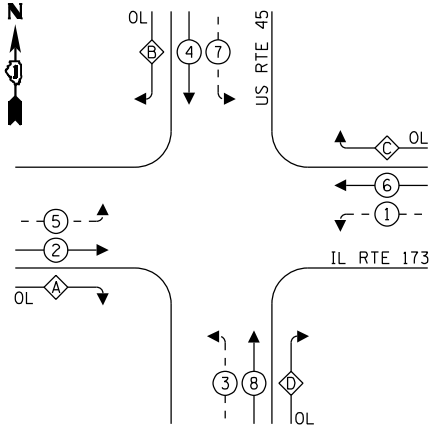
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 2)			
IL RTE 173 AT US RTE 45			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39&41)N-3	LAKE	107	65
CONTRACT NO. 60T11				
		ILLINOIS	FED. AID PROJECT	



PROPOSED CONTROLLER SEQUENCE



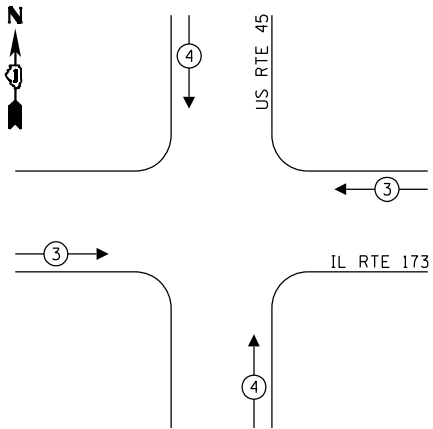
LEGEND:

- ←(*) PROTECTED PHASE
- ←--(*)-- PROTECTED/PERMITTED PHASE
- ←--(*)--> PEDESTRIAN PHASE
- ←(OL) OVERLAP

RIGHT TURN OVERLAP
PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
B	=	4	+	5
C	=	6	+	7
D	=	8	+	1

PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	32	10	10	32.0
PED. SIGNAL	-	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				347.4

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER CT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: TERRI BLECK
PHONE: (847) 816-5239
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

Sam Schwartz
223 W. JACKSON
SUITE 1101
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = esalutz
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 7/9/2020

DESIGNED - ECS	REVISED -
DRAWN - ECS	REVISED -
CHECKED - PAW	REVISED -
DATE - 07/08/2020	REVISED -

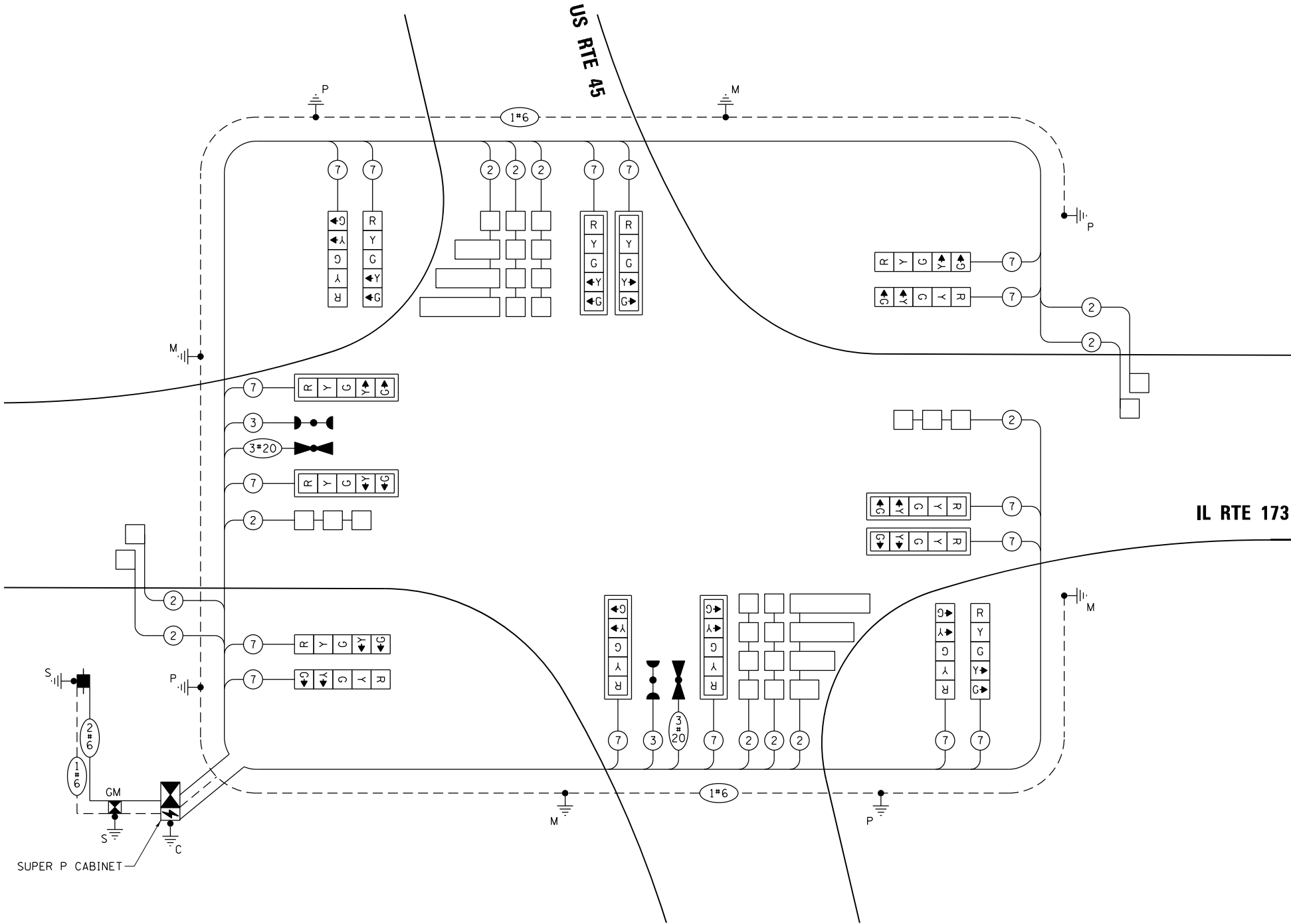
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL RTE 173 AT US RTE 45

SCALE: SHEET OF SHEETS STA. TO STA.

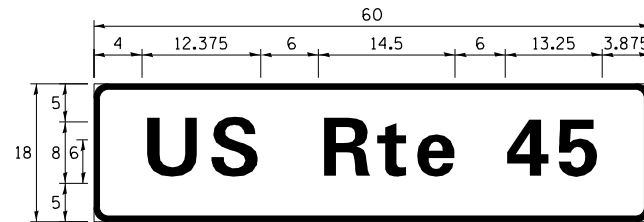
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39&41)N-3	LAKE	107	66
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

TS 6620

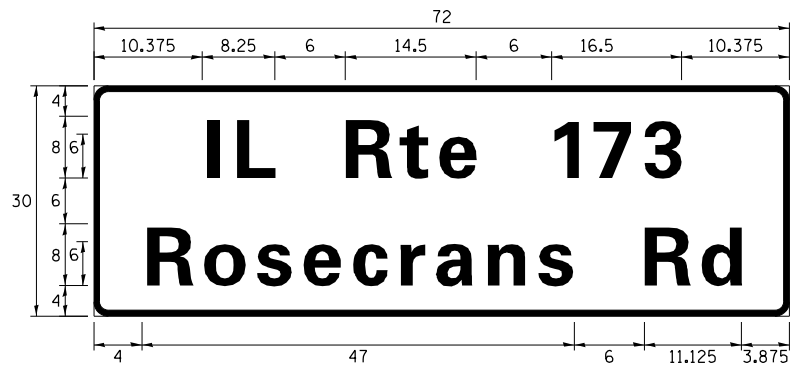


CABLE PLAN
(NOT TO SCALE)

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.5	1	ZZ	2



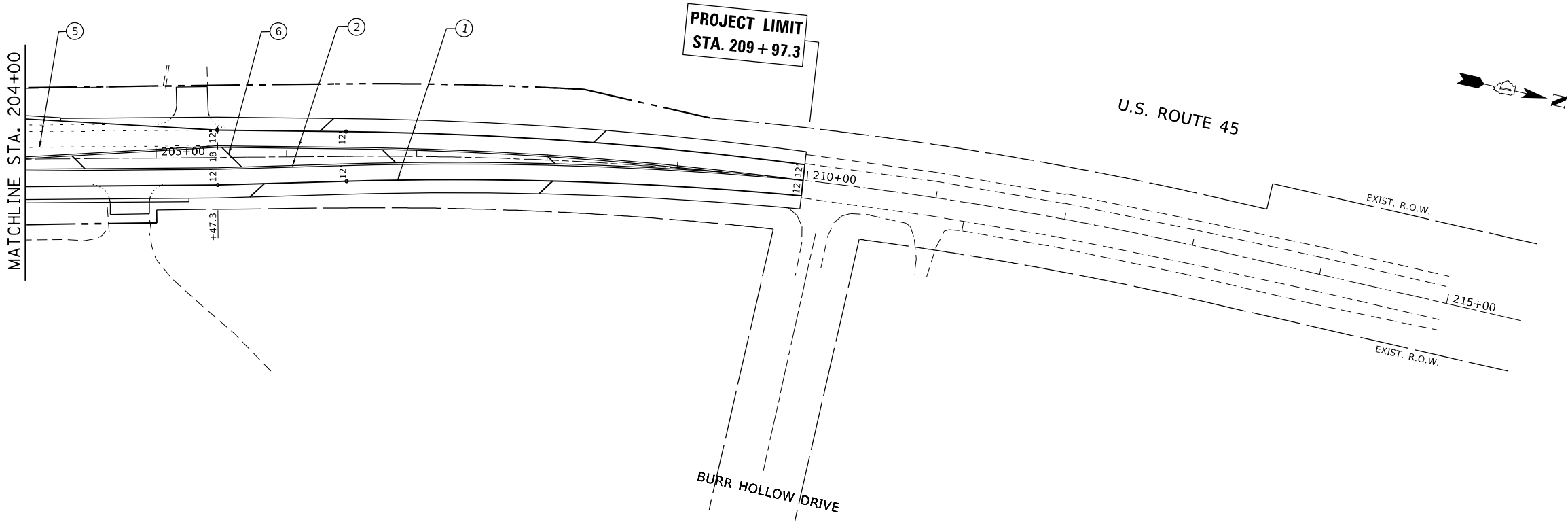
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	15.0	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION
PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME
SIGNS DETAIL.

[illegible]

* 100% COST TO THE VILLAGE OF ANTIOCH

MODEL: Default
FILE: N:\Users\paul.hanson\OneDrive\Illinois\gov\PWIDOT\Documents\IDOT Office\District 1\Projects\169209\CAD\DATA\CD\Drawings\169209-211-PMK.dgn



MATCHLINE STA. 204+00

PROJECT LIMIT
STA. 209 + 97.3

U.S. ROUTE 45

BURR HOLLOW DRIVE

LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, YELLOW (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, YELLOW (TYP.), 150' SPACING
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)

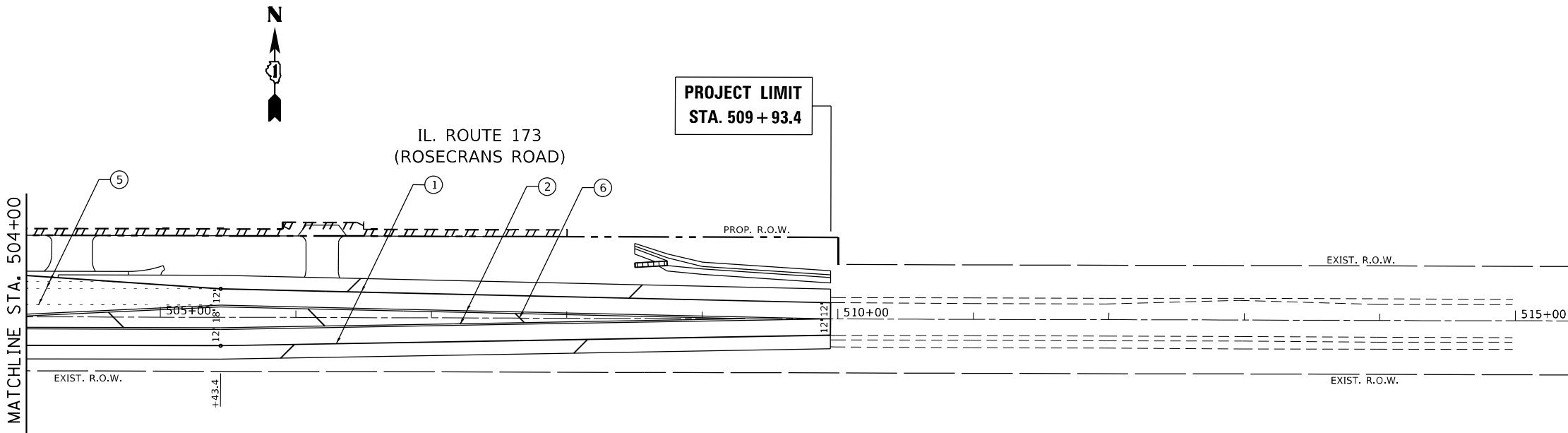
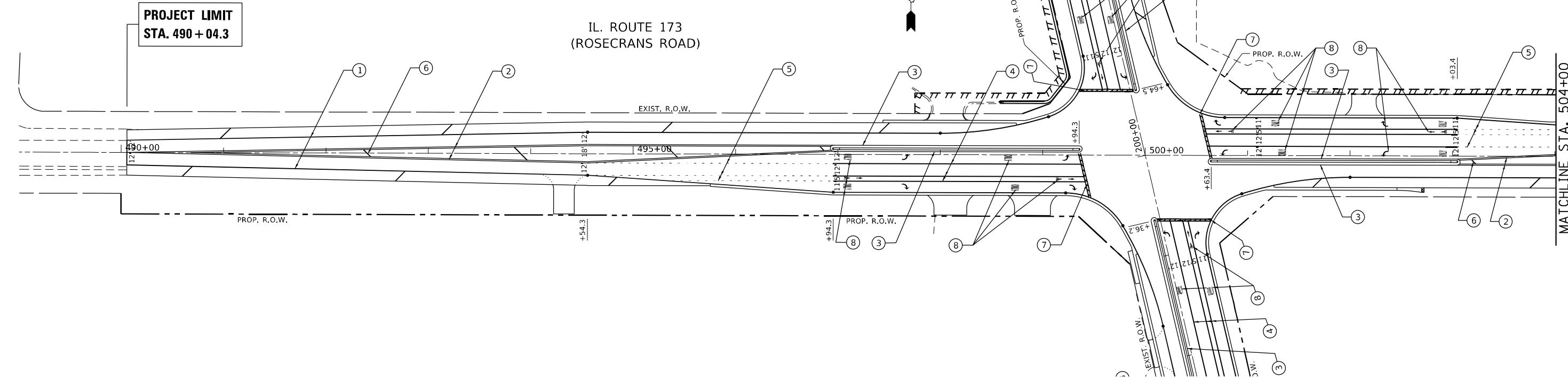
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)

SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	68
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

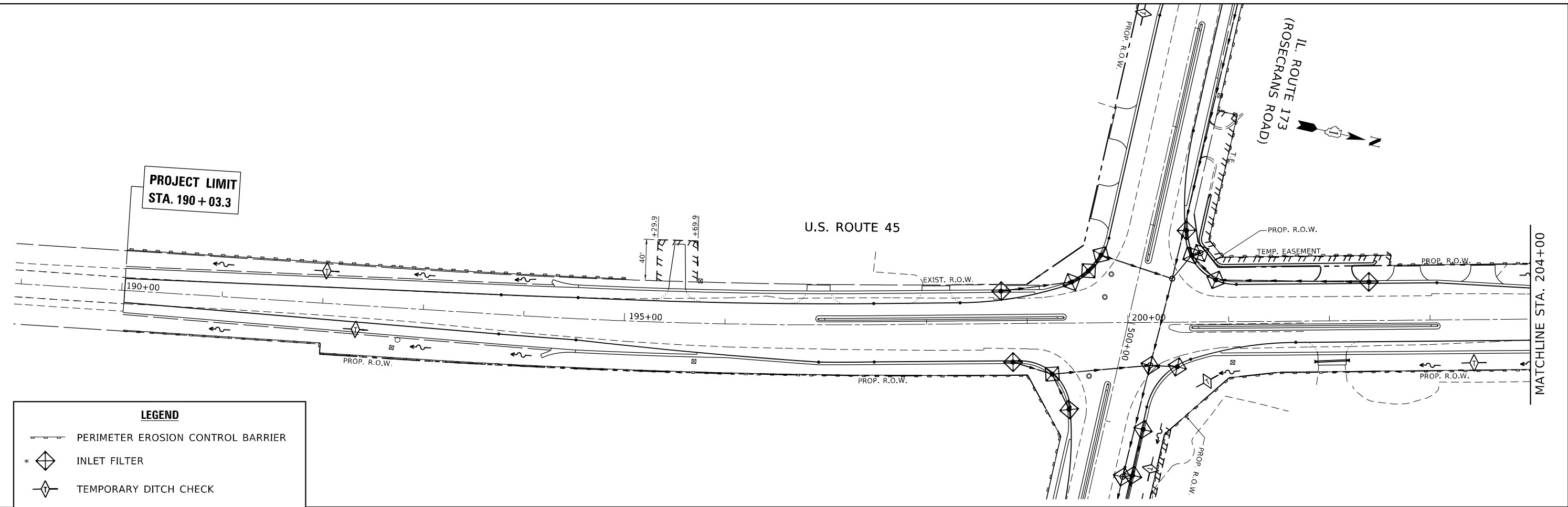
MODEL: Default
FILE: \\nrt-01\public\amoon\dot\illinois\gov\PIWDOT\Documents\DOT_Offices\District_1\Projects\PI169209\CADD\data\CD\heatsp169209-sh-pmk.dgn



- LEGEND**
- ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)
 - ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)
 - ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, YELLOW (TYP.)
 - ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)
 - ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)
 - ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, YELLOW (TYP.), 150' SPACING
 - ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
 - ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)

MODEL: DESIG: 0001 FILE NAME: 0001	USER NAME = Velichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							344	(39 & 41) N-3	LAKE	107	69
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 60T11									
	PLOT DATE = 3/5/2021	DATE -	REVISED -		SCALE: 1"= 50'	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE: \\nrt-01\pub\lhammon\dot\illinois.gov\PI\DOT\Documents\IDOT_Offices\District 1\Project\PI 160209\CADD\DATA\CD\Drawings\PI 160209-ent-eros.dgn



LEGEND

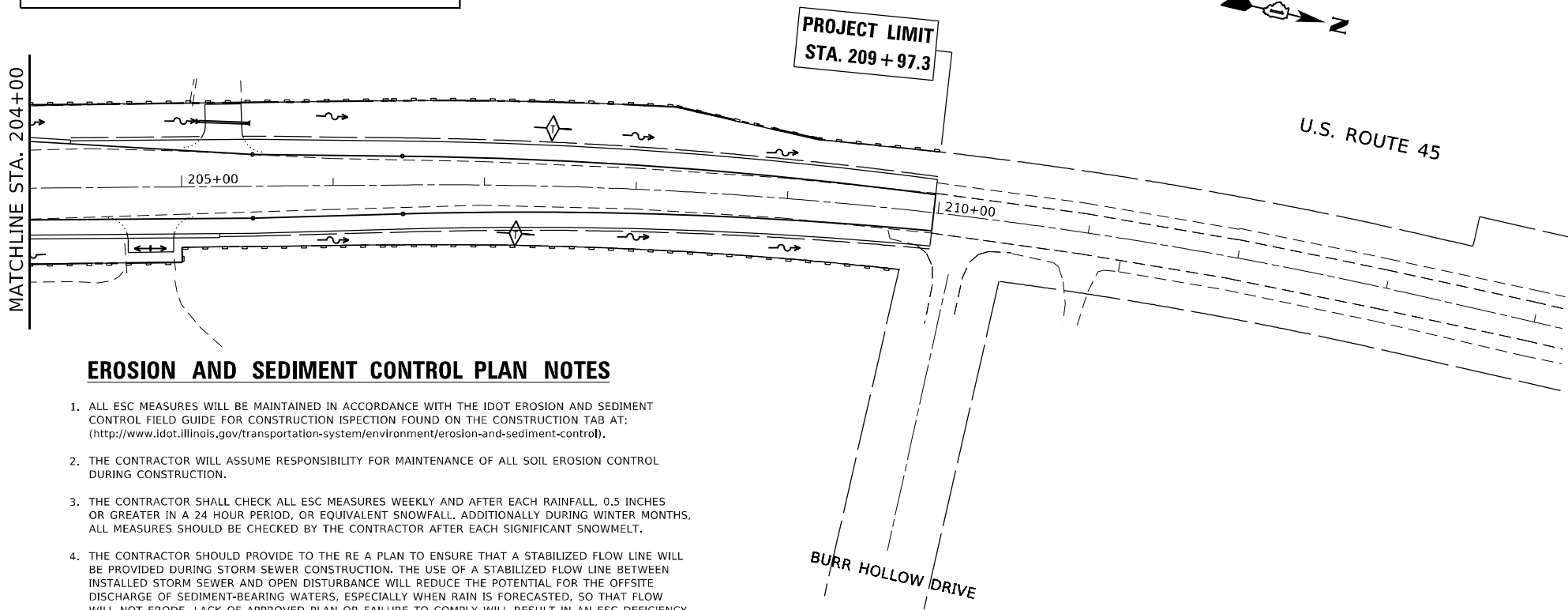
PERIMETER EROSION CONTROL BARRIER

INLET FILTER

TEMPORARY DITCH CHECK

TREE PROTECTION * (TEMPORARY FENCE)

* ITEMS TO BE INSTALLED BEFORE THE AREA IS DISTURBED



EROSION AND SEDIMENT CONTROL PLAN NOTES

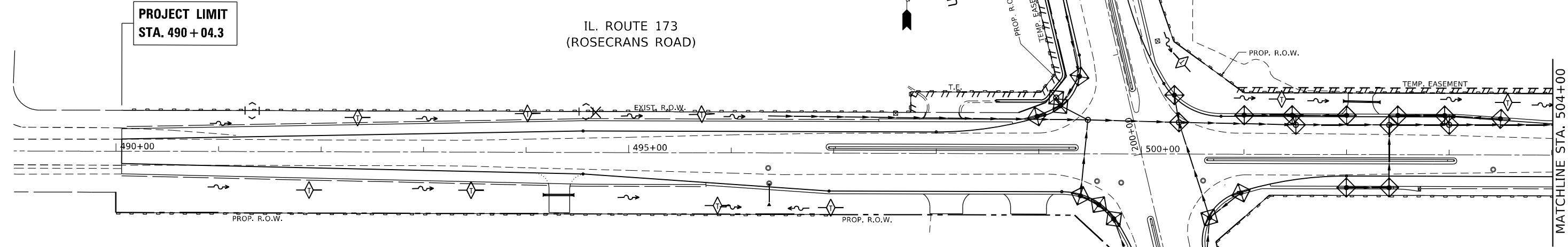
1. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTRUCTION TAB AT: (<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>).
2. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
4. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

EROSION AND SEDIMENT CONTROL PLAN NOTES (CONTINUED)

5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
6. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
8. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.
9. ESC INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) DAYS AND WITHIN TWENTY-FOUR (24) HOURS OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY FOLLOWING A HALF (0.5) INCH OR GREATER RAINFALL EVENT OR EQUIVALENT SNOWFALL.
10. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.
11. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
12. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
13. TEMPORARY EROSION CONTROL SEEDING SHALL BE PROVIDED PER SUB-STAGE AS SOON AS ROUGH GRADING IS COMPLETED IN A SECITON.
14. ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.

	USER NAME = Velichkovv			DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -			CHECKED -	REVISED -		U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)			344	(39 & 41) N-3	LAKE	107	72
	PLOT SCALE = 100,0000 ' / in.			DATE -	REVISED -		SCALE: 1"= 50'			CONTRACT NO. 60T11				
	PLOT DATE = 3/5/2021						SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\nrtc-ar01\pub\amnon\dot\illinois\gov\PWIDOT\Documents\IDOT_Offices\District_1\Projects\PI169209\CADD\DATA\CAD\hearts\PI169209-silt-eros.dgn



LEGEND

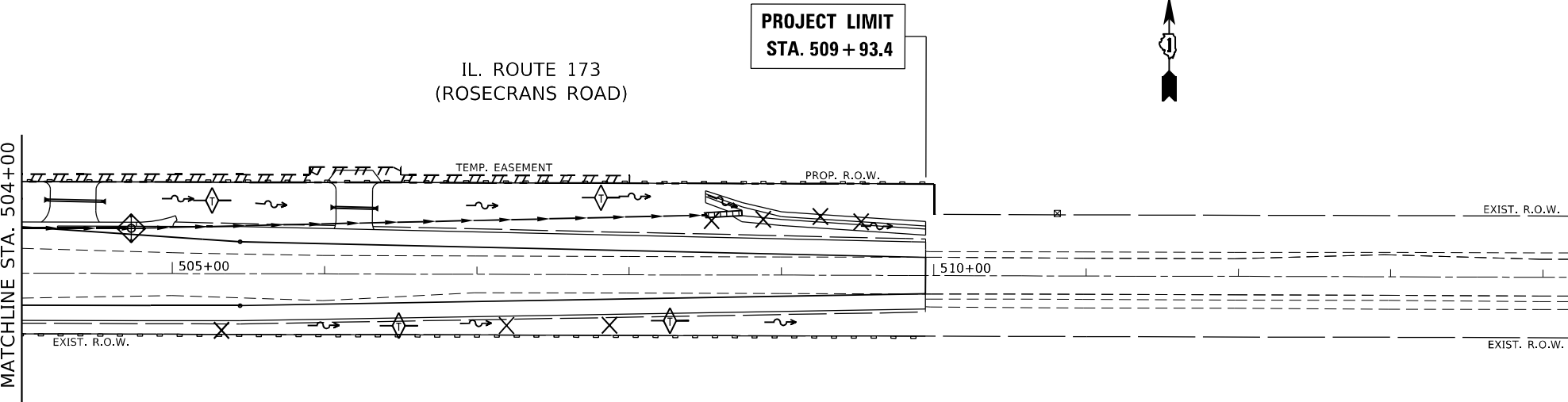
PERIMETER EROSION CONTROL BARRIER

* INLET FILTER

TEMPORARY DITCH CHECK

* TREE PROTECTION * (TEMPORARY FENCE)

* ITEMS TO BE INSTALLED BEFORE THE AREA IS DISTURBED



EROSION AND SEDIMENT CONTROL PLAN NOTES

- ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION ISPECTION FOUND ON THE CONSTRUCTION TAB AT:
(<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>).
- THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
- THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL, ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

EROSION AND SEDIMENT CONTROL PLAN NOTES (CONTINUED)

- THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
- TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
- UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
- EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.
- ESC INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) DAYS AND WITHIN TWENTY-FOUR (24) HOURS OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY FOLLOWING A HALF (0.5) INCH OR GREATER RAINFALL EVENT OR EQUIVALENT SNOWFALL.
- EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.
- THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
- THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
- TEMPORARY EROSION CONTROL SEEDING SHALL BE PROVIDED PER SUB-STAGE AS SOON AS ROUGH GRADING IS COMPLETED IN A SECTION.
- ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.

USER NAME	= Velichkovvv	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 3/5/2021	DATE	-	REVISED	-

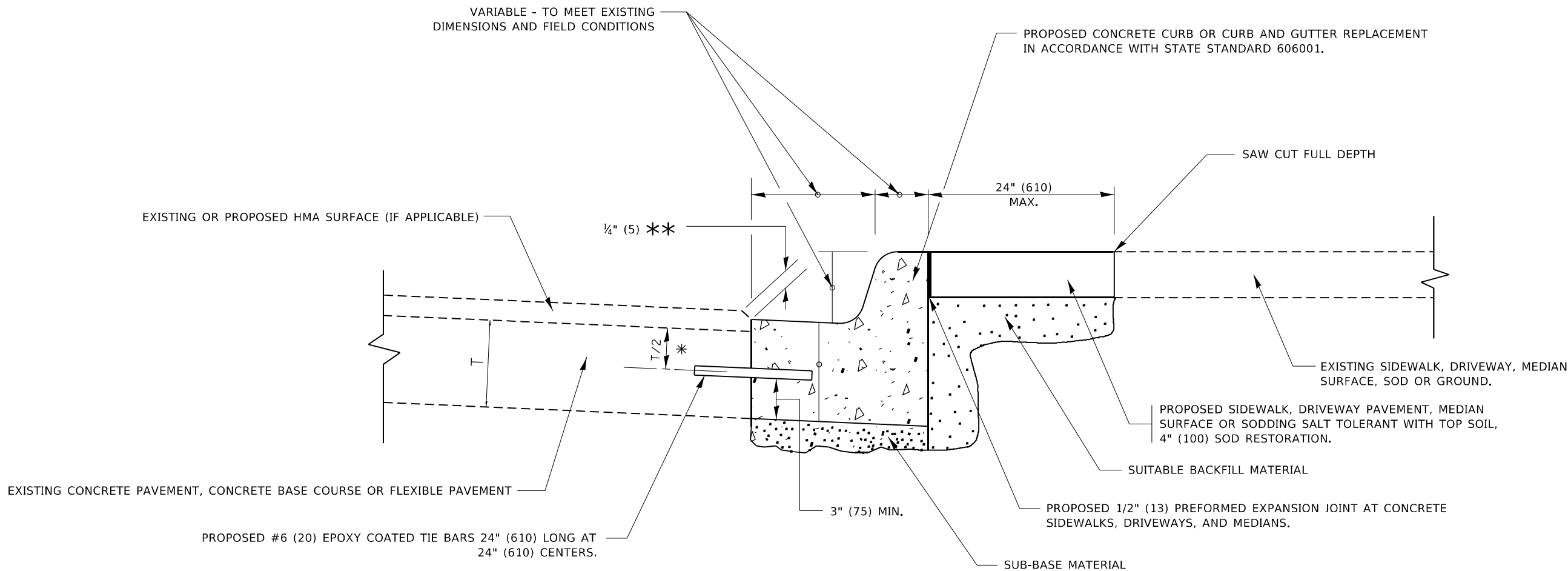
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
U.S. ROUTE 45 AT IL. ROUTE 173 (ROSECRANS RD.)

SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	73
CONTRACT NO. 60T11				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: g:\data\amnon\dot\illinois\gov\PIWIDOT\Documents\IDOT_Office\District 1\Project\PI 600009\CADD\data\Design\DistStd.dgn

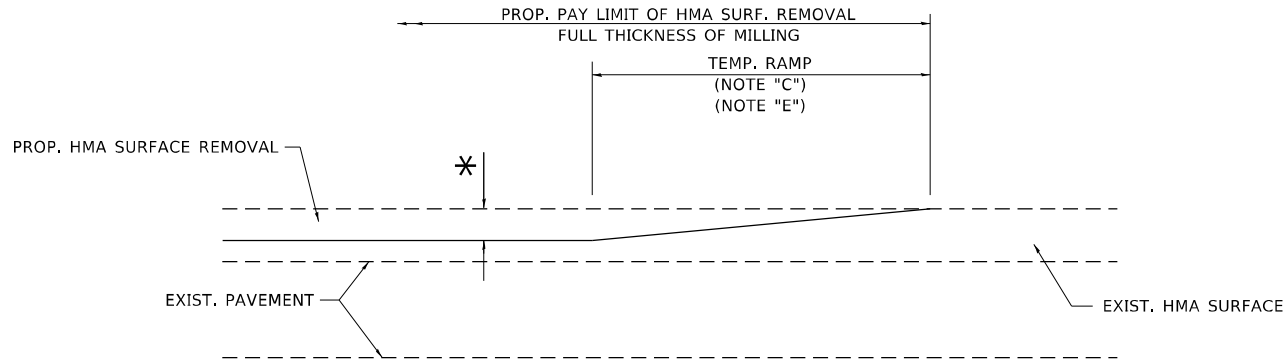


- ✱ 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ✱✱ IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

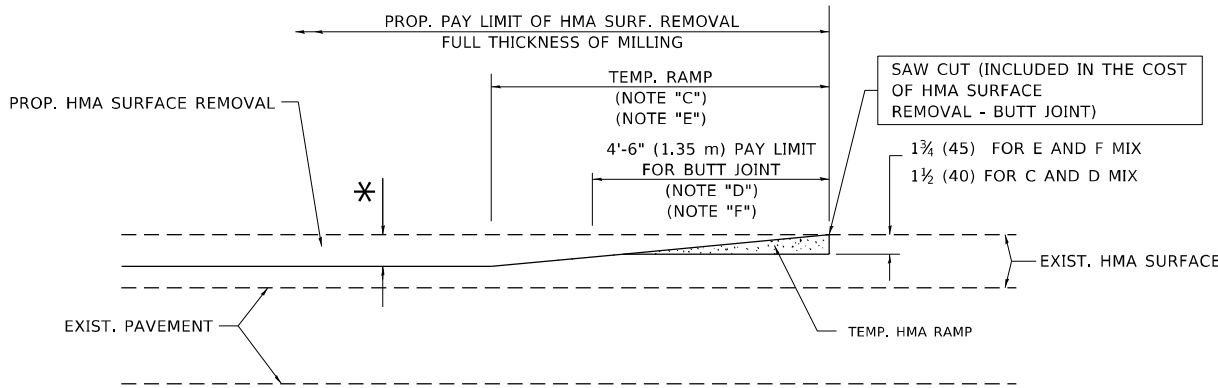
	USER NAME = Velichkovv	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - M. GOMEZ 01-22-01					344	(39 & 41) N-3	LAKE	107	74
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09					BD600-06 (BD-24)		CONTRACT NO. 60T11		
	PLOT DATE = 3/5/2021	DATE - 03-11-94	REVISED - K. SMITH 07-11-19		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

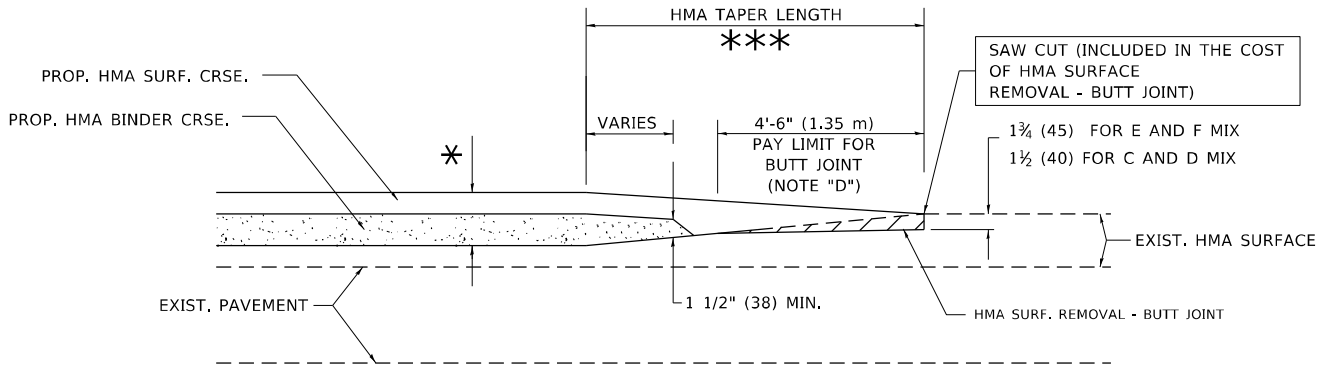


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

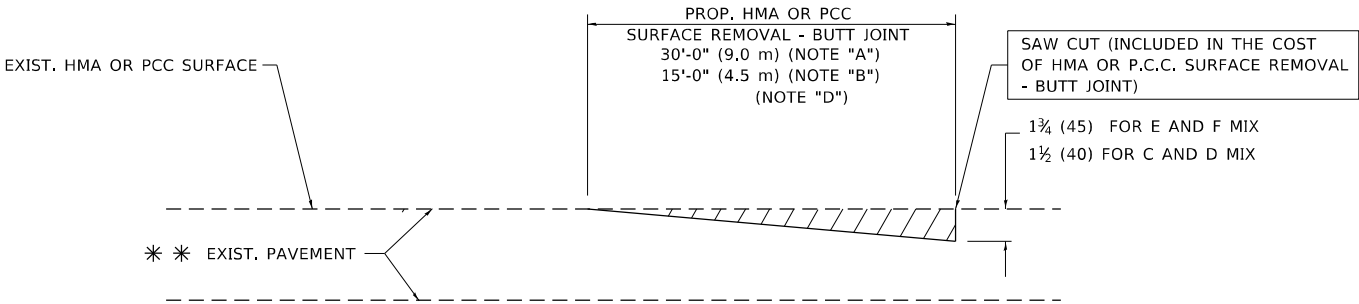
OPTION 2

TYPICAL TEMPORARY RAMP

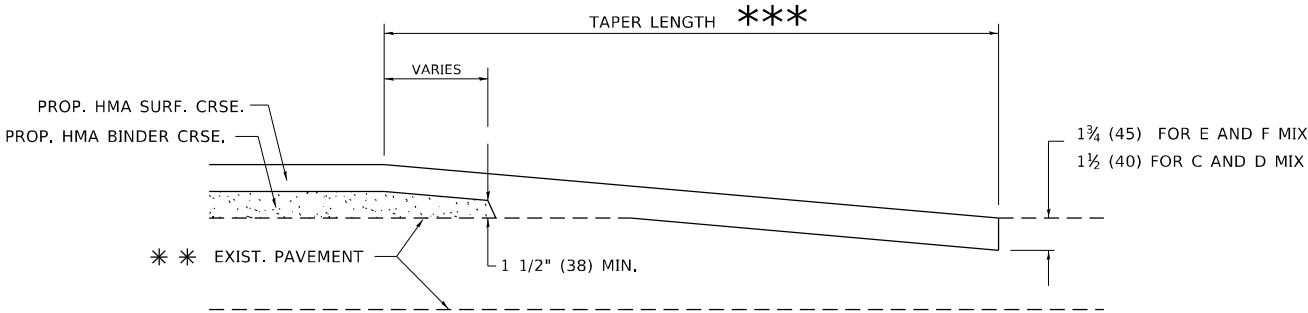


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- MINOR SIDE ROADS.
- THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Default
FILE: \\nrcp-arizona-dot-illinois.gov\PIWDOT\Documents\DOT_Offices\District 1\Projects\PI 601209\CADD\Drawings\Design\DistStd.dgn

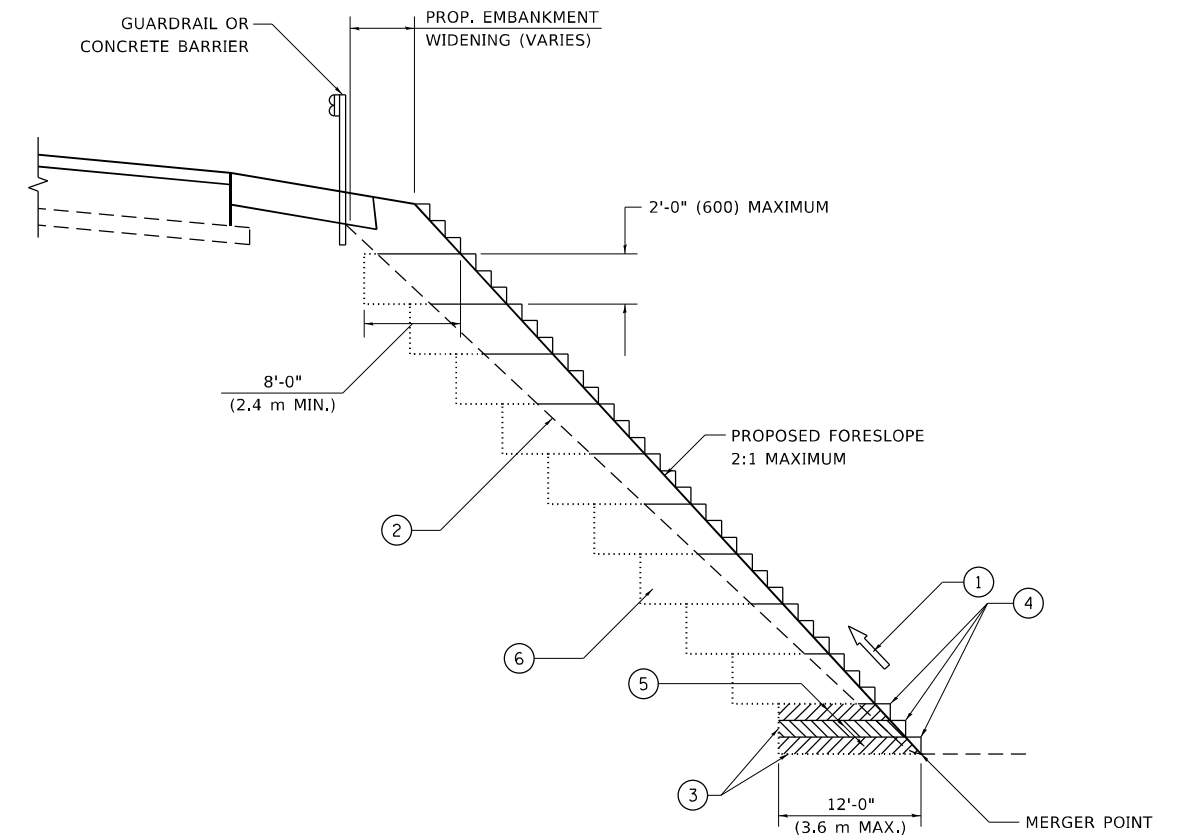
USER NAME = Velichkovvv	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
DRAWN -	REVISED - A. ABBAS 03-21-97	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 3/5/2021	DATE - 06-13-90	REVISED - R.BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	76
BD400-05 BD32		CONTRACT NO. 60T11		
		ILLINOIS	FED. AID PROJECT	



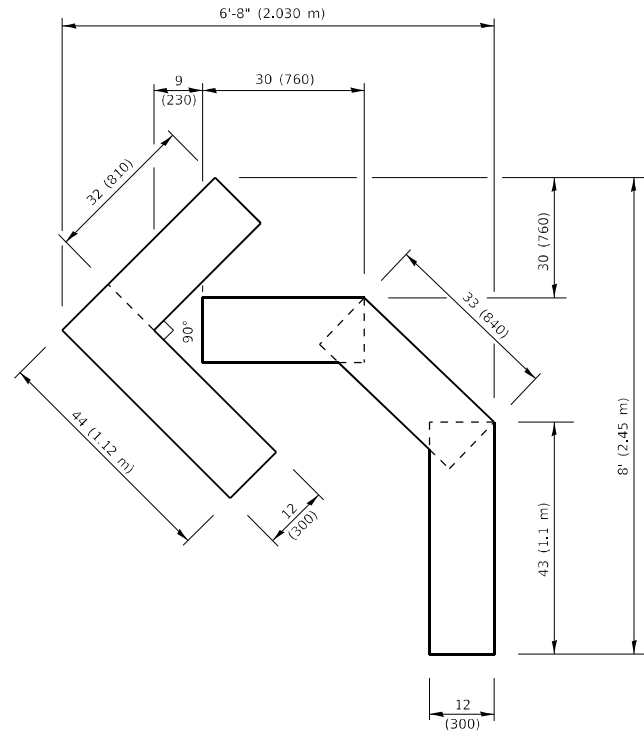
TYPICAL BENCHING DETAIL
FOR EMBANKMENT

NOTES:

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
6. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. SLOPES SHALL BE BENCHMARKED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

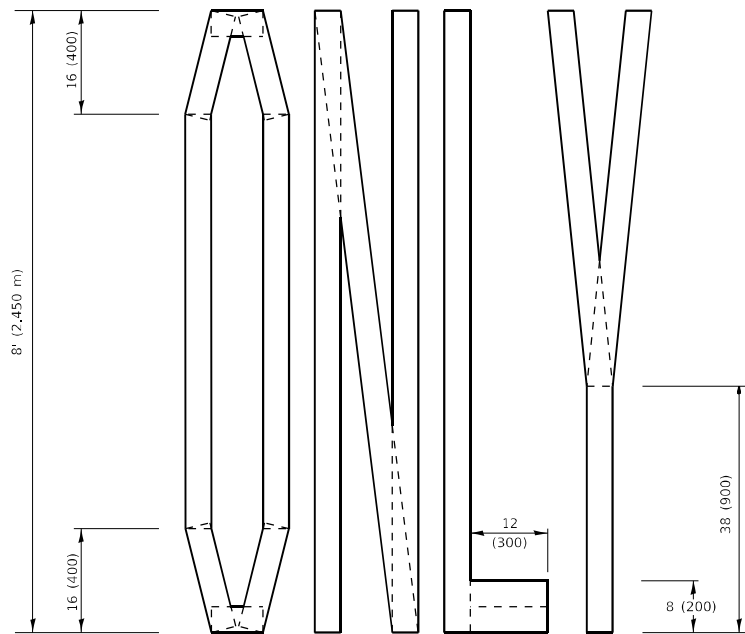
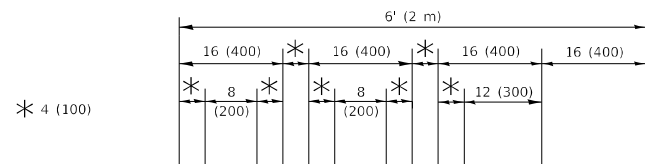
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

FILE NAME: D:\1000000 - ILLINOIS\PROJECTS\BENCHING DETAIL FOR EMBANKMENT WIDENING	USER NAME = Velichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BENCHING DETAIL FOR EMBANKMENT WIDENING				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CADD	REVISED -						344	(39 & 41) N-3	LAKE	107	77
	PLOT SCALE = 100,0000 ' / in.	CHECKED - S.E.B.	REVISED -						BD-51 CONTRACT NO. 60T1				
	PLOT DATE = 3/5/2021	DATE - 06-16-04	REVISED -		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT		



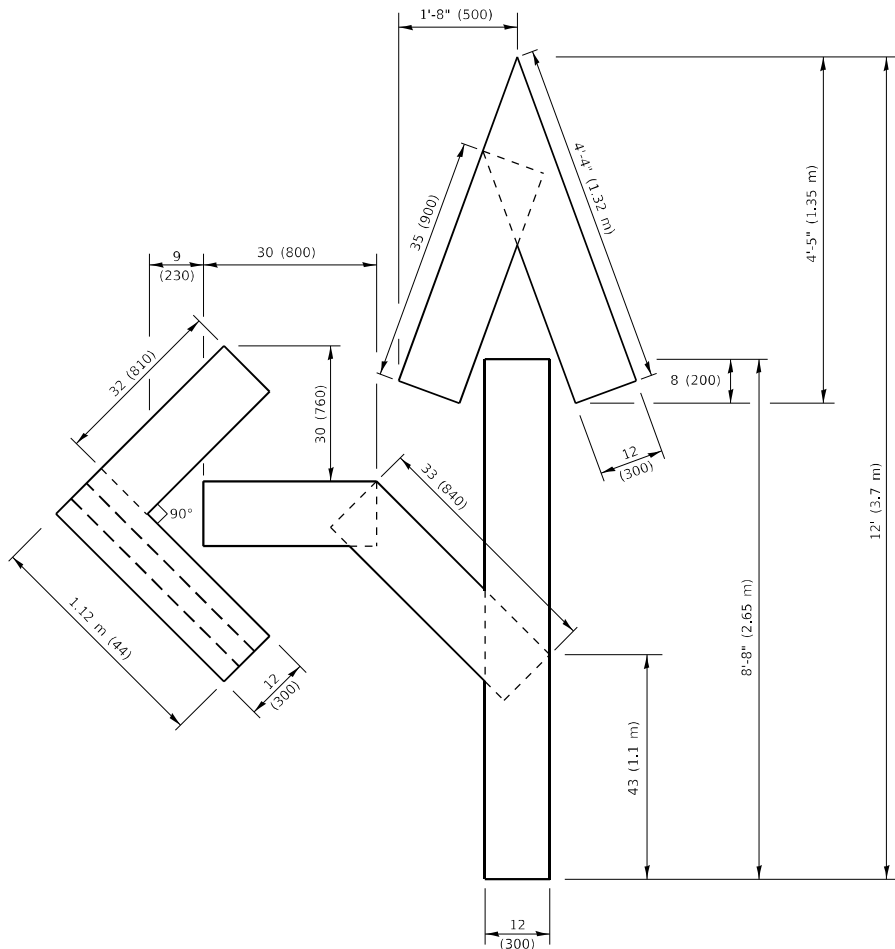
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

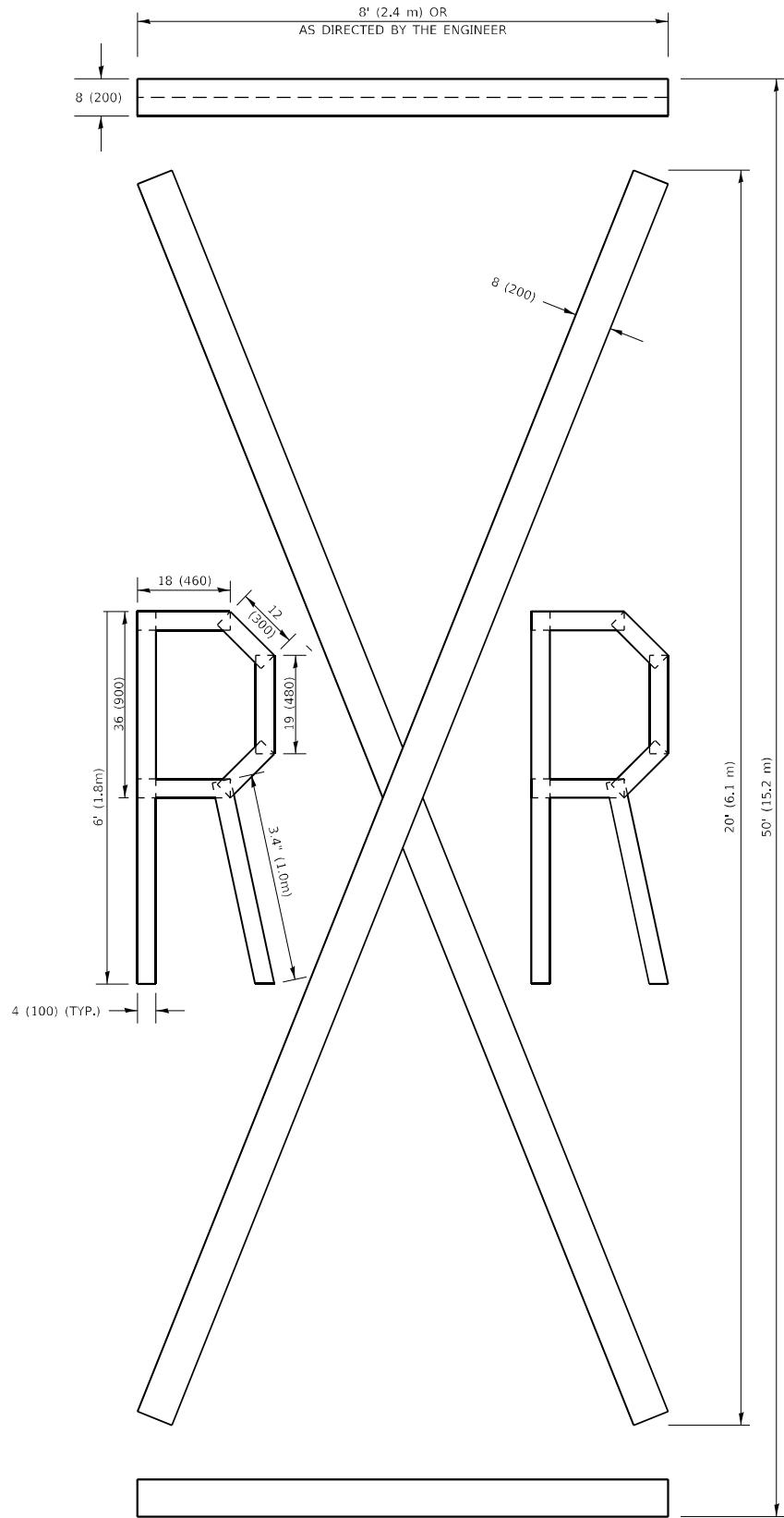


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Default
FILE NAME: p:\data\mason.dwg
PROJECT: P169209\CADD\data\Design\DistStd.dgn

USER NAME = Velichkovv	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
DRAWN -	REVIS	ED - E. GOMEZ 08-28-00
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/5/2021	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	78
TC-16		CONTRACT NO. 60T11		
		ILLINOIS	FED. AID PROJECT	

TURN BAY ENTRANCE AT START
OF LANE CLOSURE TAPER

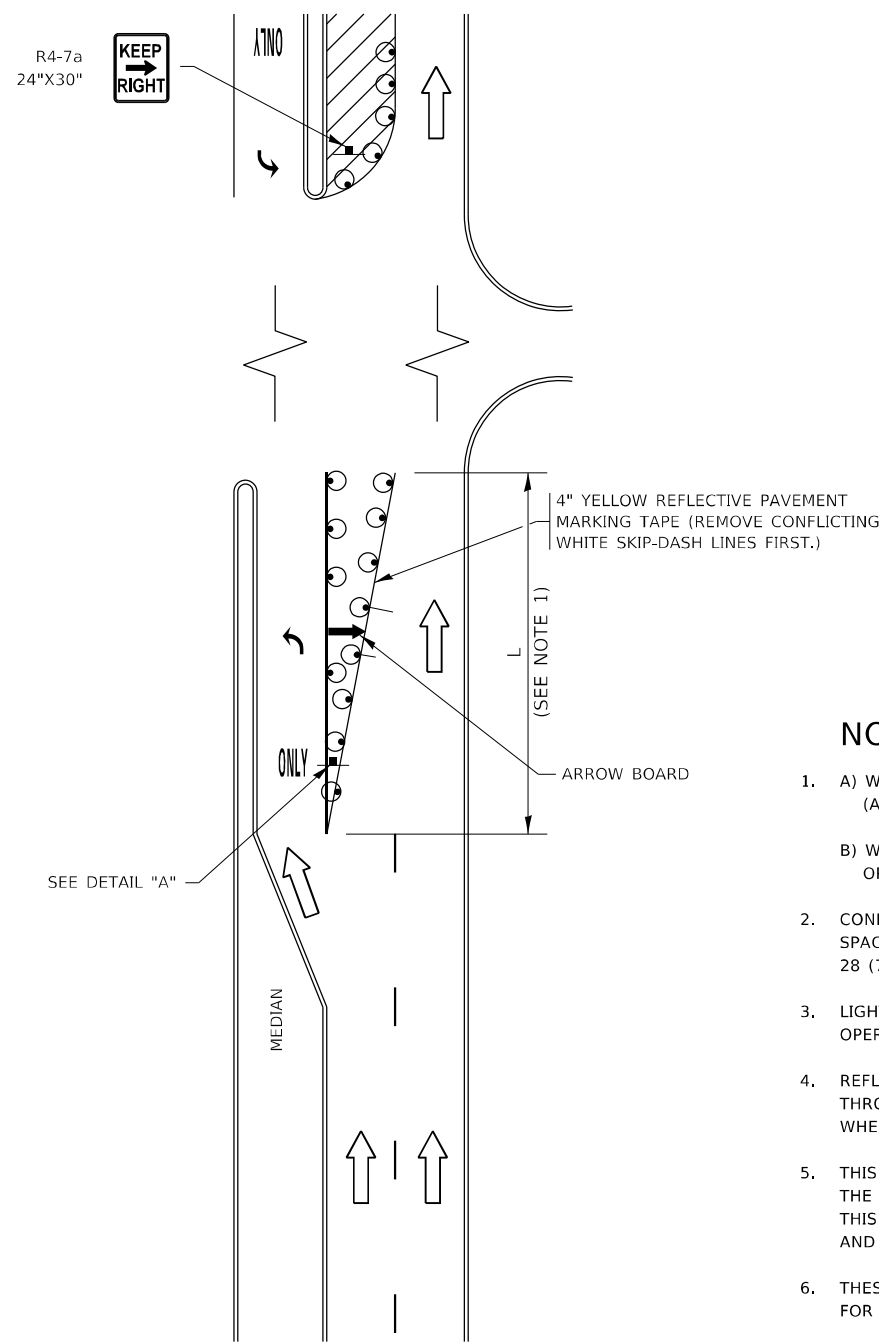


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

- A) WHEN "L" IS $\leq$ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
- TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE
WITHIN A LANE CLOSURE

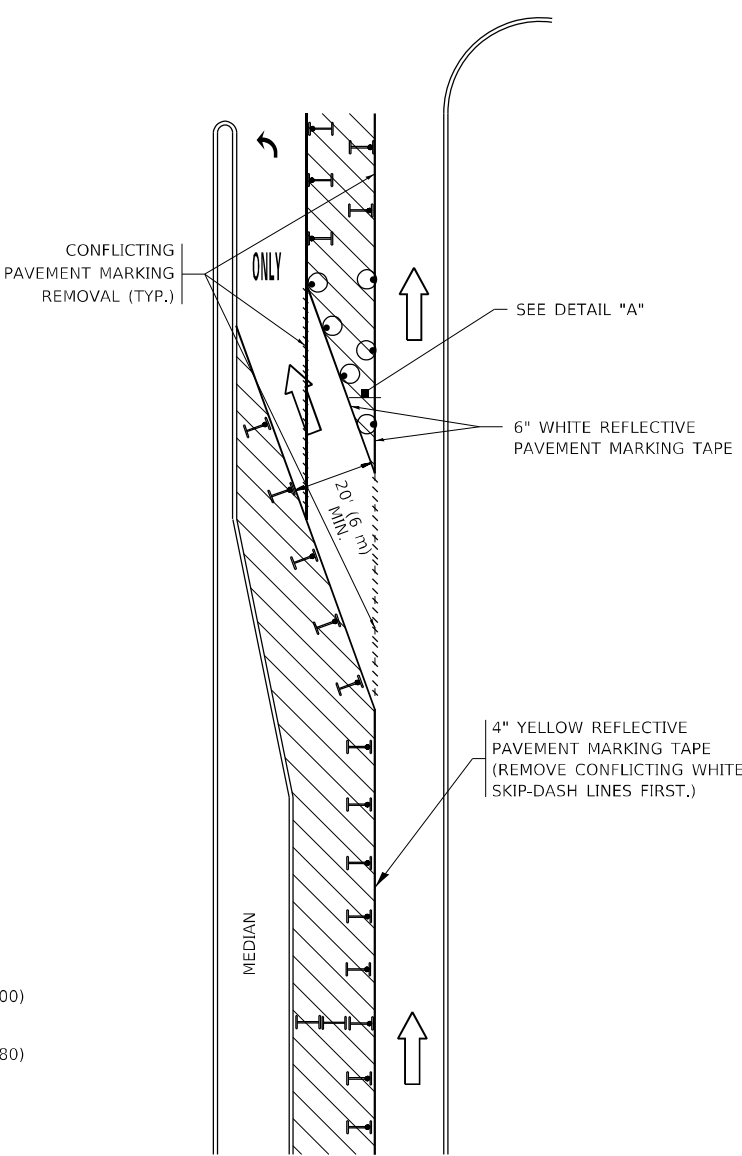
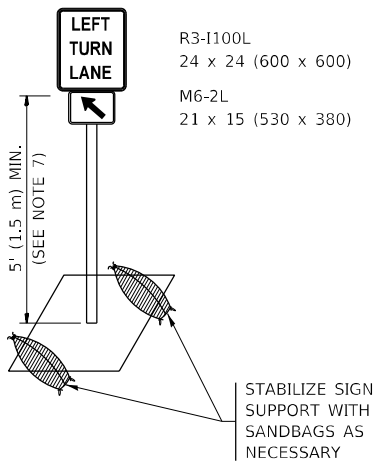


FIGURE 2



DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Default
FILE: N:\MIS\pavement\lanes\dot\illinois\dot\pavement\dot\Documents\DOT Office\District 1\Projects\PI 169209\CAD\Drawings\Design\DistStd.dgn

USER NAME = Velichkovv	DESIGNED - T. RAMMACHER 09-08-94
	DRAWN - A. HOUSEH 11-07-95
PLOT SCALE = 100,0000 ' / in.	CHECKED - A. HOUSEH 10-12-96
PLOT DATE = 3/5/2021	DATE - T. RAMMACHER 01-06-00

REVISED - R. BORO 09-14-09
REVISED - A. SCHUETZE 07-01-13
REVISED - A. SCHUETZE 09-15-16
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	79
TC-14		CONTRACT NO. 60T11		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE: \\nrt1c-arv\pub\lansoon\dot\illinois\gov\PIWIDOT\Documents\IDOT_Offices\District 1\Projects\PI69209\CADD\DATA\Design\DistStd.dgn

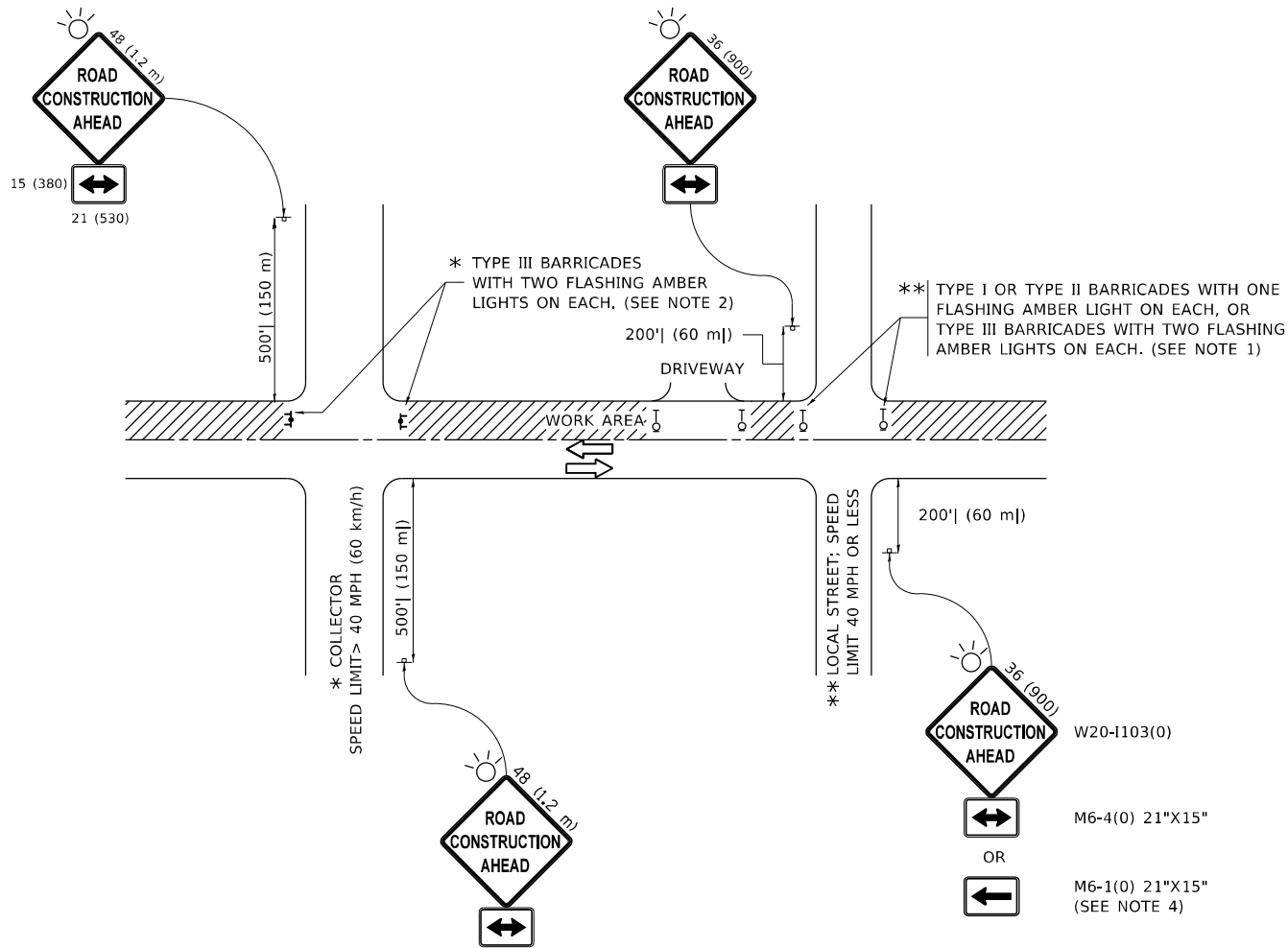
USER NAME = Velichkovv	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/5/2021	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

All dimensions are in inches (millimeters)
unless otherwise shown.



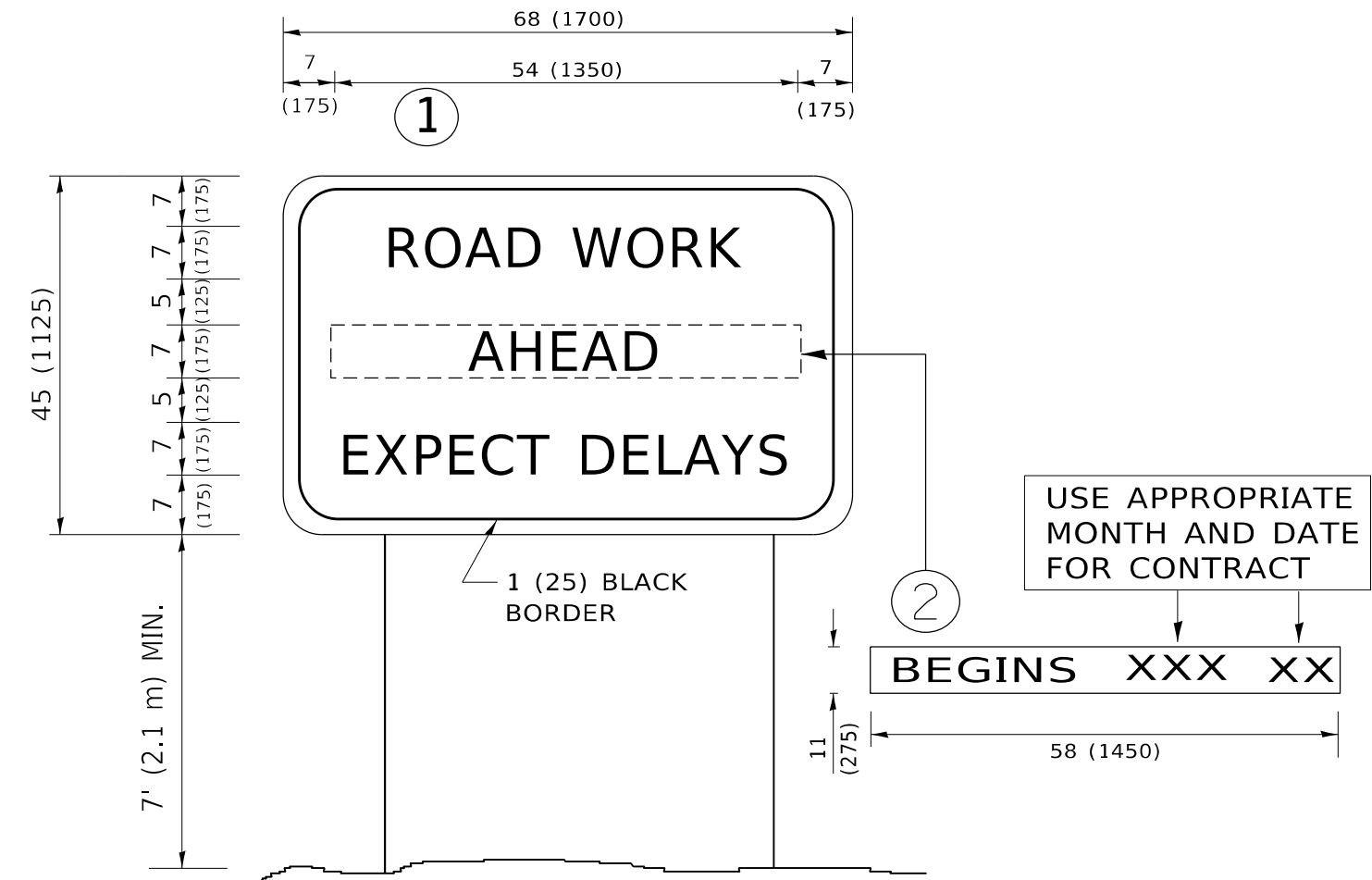
NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
- SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters)
unless otherwise shown.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	81
TC-10		CONTRACT NO. 60T11		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE: \\nrt1p1-ar01\amnonn.dot\illinois.gov\PIWDOT\Documents\IDOT_Office\District 1\Projects\PI 60209\CADD\Data\Design\DistStd.dgn

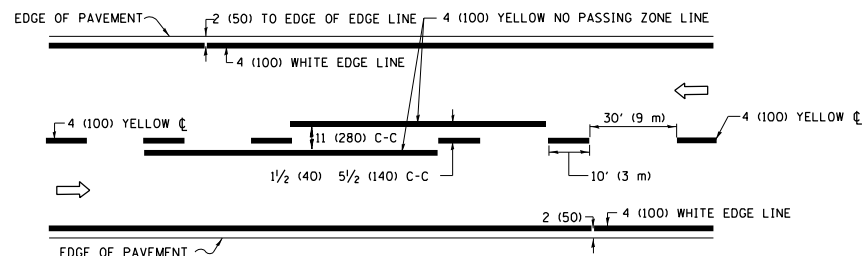


NOTES:

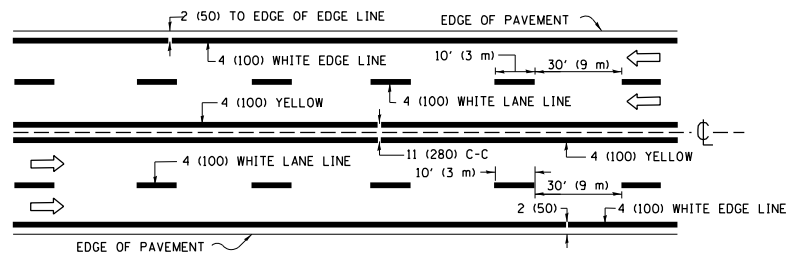
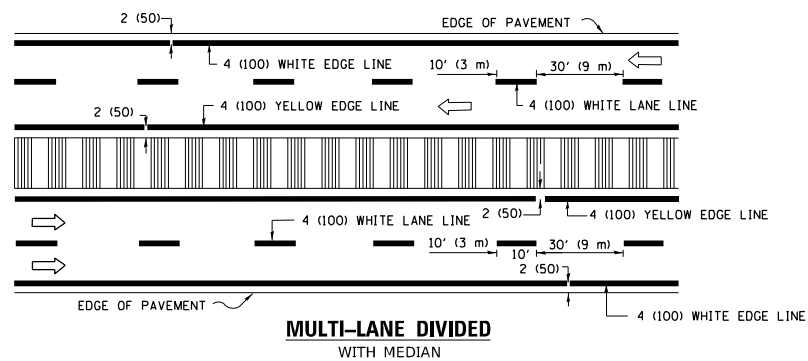
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

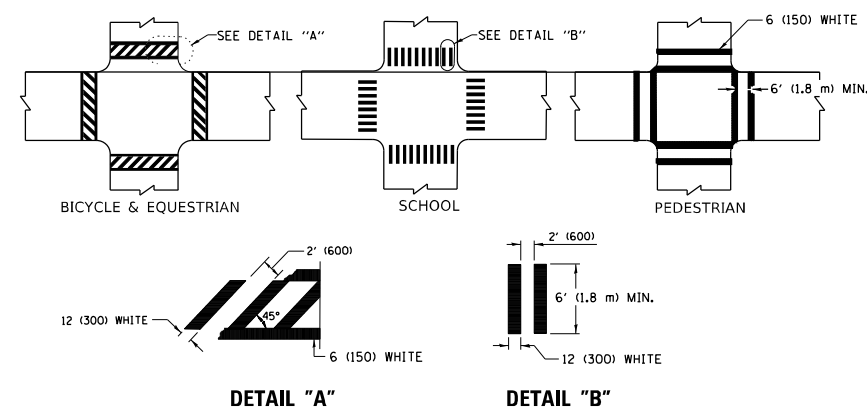
	USER NAME = Velichkovv	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. MIRS 12-11-97					344	(39 & 41) N-3	LAKE	107	82
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99					TC-22		CONTRACT NO. 60T11		
	PLOT DATE = 3/5/2021	DATE -	REVISED - C. JUCIUS 01-31-07					ILLINOIS FED. AID PROJECT				
					SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.			



2-LANE ROADWAY

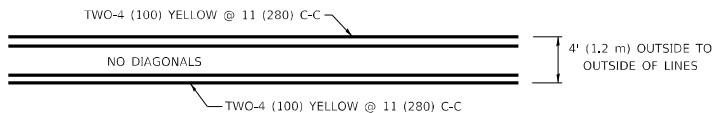
**MULTI-LANE UNDIVIDED**

TYPICAL LANE AND EDGE LINE MARKING

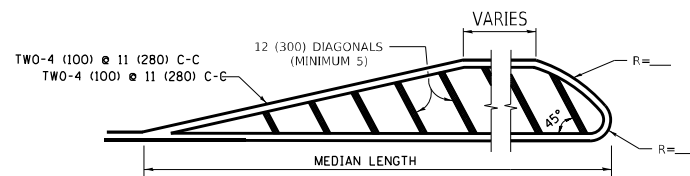


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

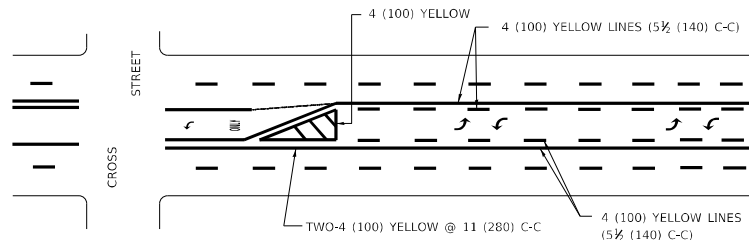


4' (1.2 m) WIDE MEDIANS ONLY

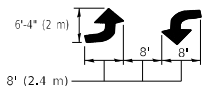


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

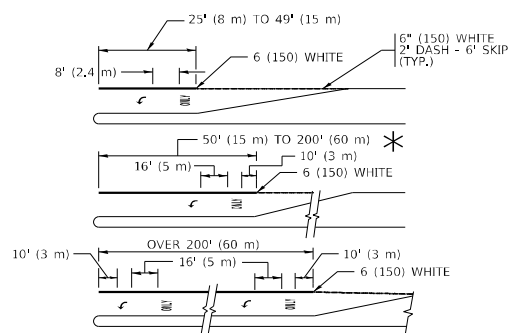


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

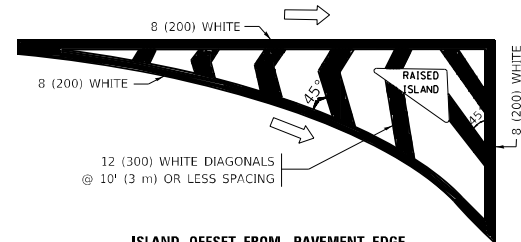


FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.

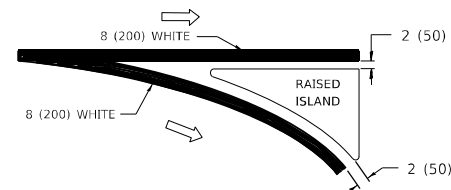
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

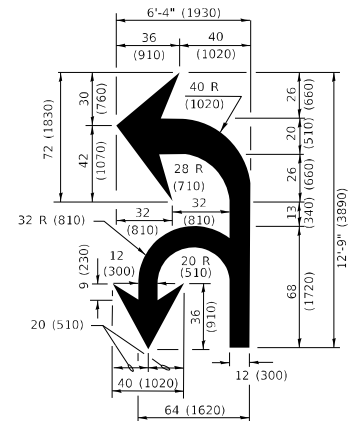


ISLAND OFFSET FROM PAVEMENT EDGE

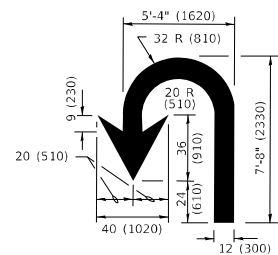


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

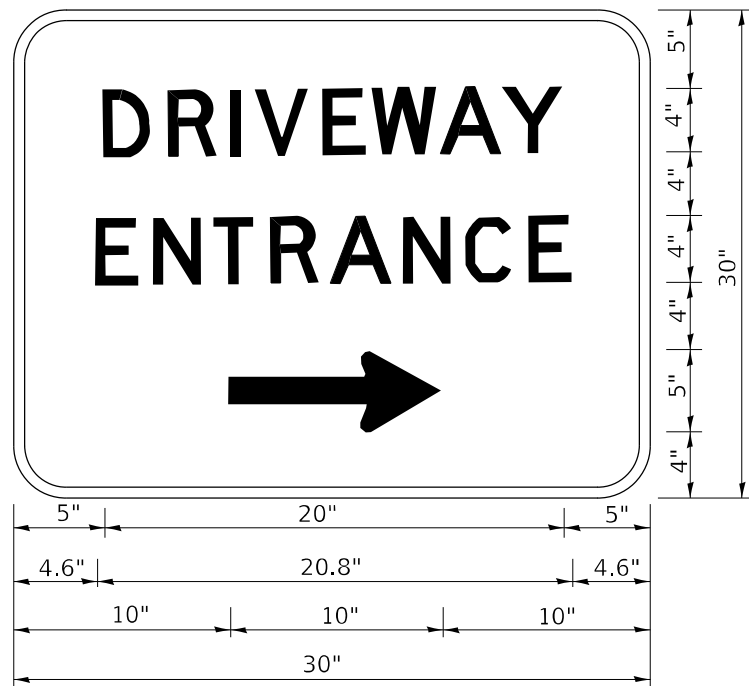
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME: D:\PROJECTS\ILLINOIS\STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION\DISTRICT ONE TYPICAL PAVEMENT MARKINGS.DWG	USER NAME = Velichkovv	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - C. JUCIUS 07-01-13						344	(39 & 41) N-3	LAKE	107	83
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15		TC-13				CONTRACT NO.		60T11		
	PLOT DATE = 3/5/2021	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16		SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: ow:\planroom.dot;illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\PI69209\CADDData\Design\DistStd.dgn

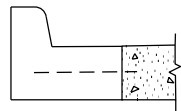
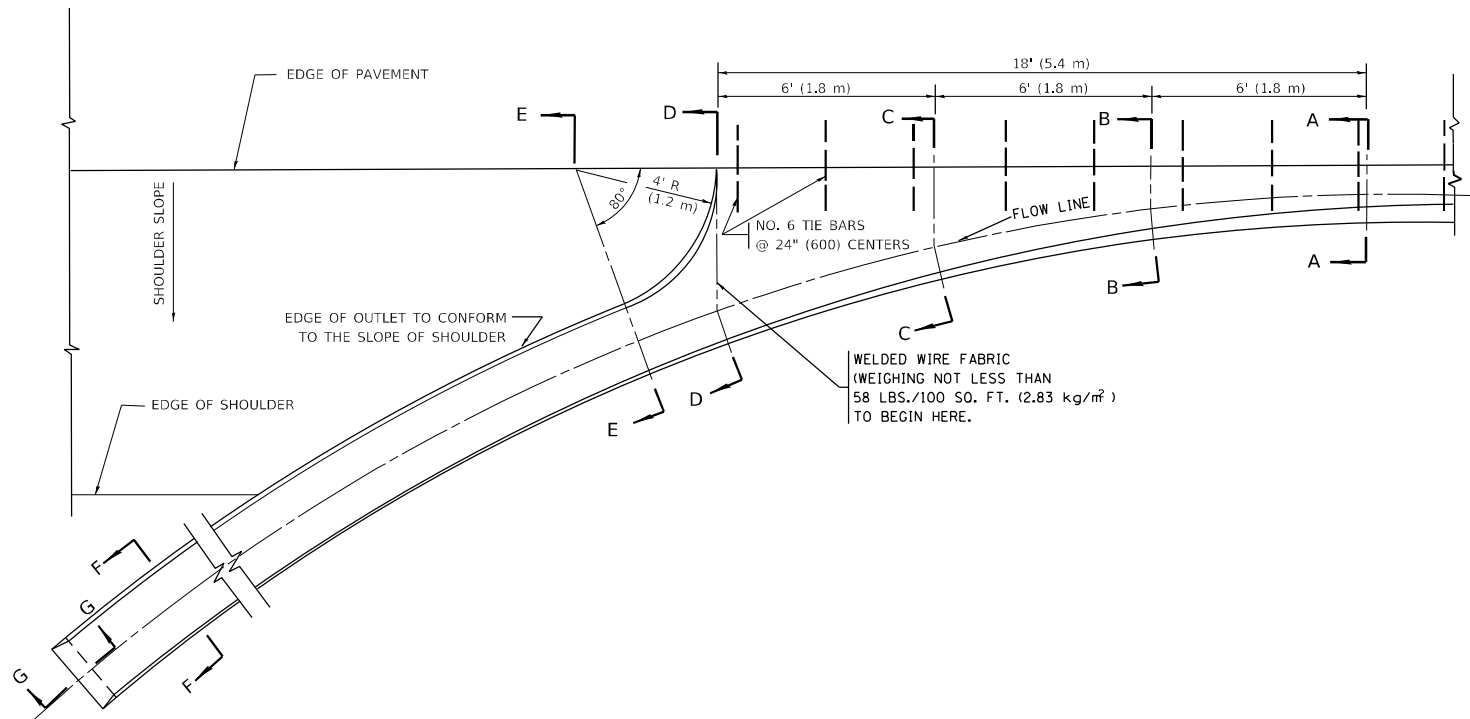


3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

- NOTES:
1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
 2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)
SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
FAR LEFT SIDE OF THE DRIVEWAY.
 3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

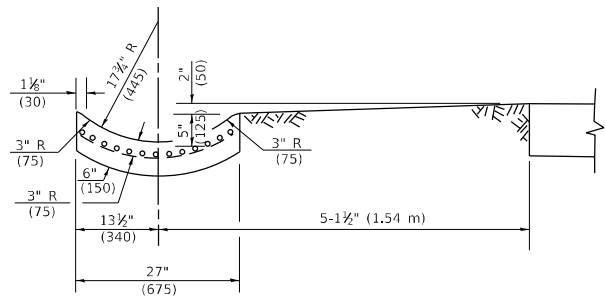
MODEL: Default
FILE NAME: p:\data\amnonm.dwt\illinois.gov\PWIDOT\Documents\DOT Office\District 1\Project\169209\CADD\data\Design\DistStd.dgn

	USER NAME = Velichkovv	DESIGNED -	REVISED - C. JUCIUS 02-15-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY ENTRANCE SIGNING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -					344	(39 & 41) N-3	LAKE	107	84
	PLOT DATE = 3/5/2021	CHECKED -	REVISED -		SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.			TC-26 CONTRACT NO. 60T11				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

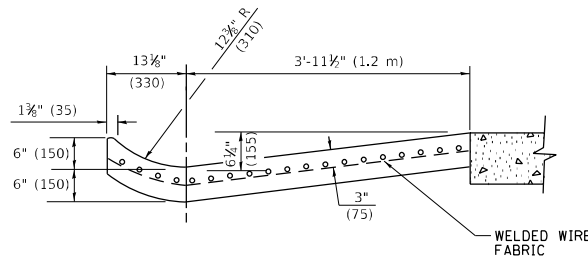


SECTION A-A *

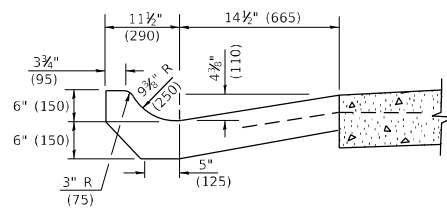
* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



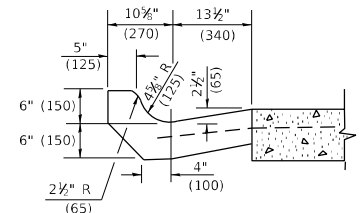
SECTION E-E



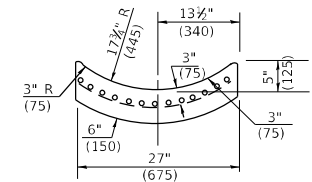
SECTION D-D



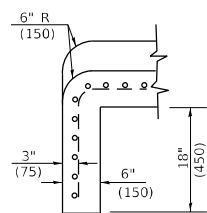
SECTION C-C



SECTION B-B



SECTION F-F



SECTION G-G

GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001. TIE BARS SHALL BE NO. 20 (NO.6) AT 24" (600) CENTERS UNLESS OTHERWISE SHOWN. IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL=
1.25 CU. YDS. (0.96³m) CLASS SI CONCRETE (OUTLET) FOR 9" (225) PAV'T,
1.27 CU. YDS. (0.96³m) CLASS SI CONCRETE (OUTLET) FOR 10" (250) PAV'T.
FOR SECTION F-F=
0.045 CU. YDS. (0.03³m) CLASS SI CONCRETE PER ft. (m).

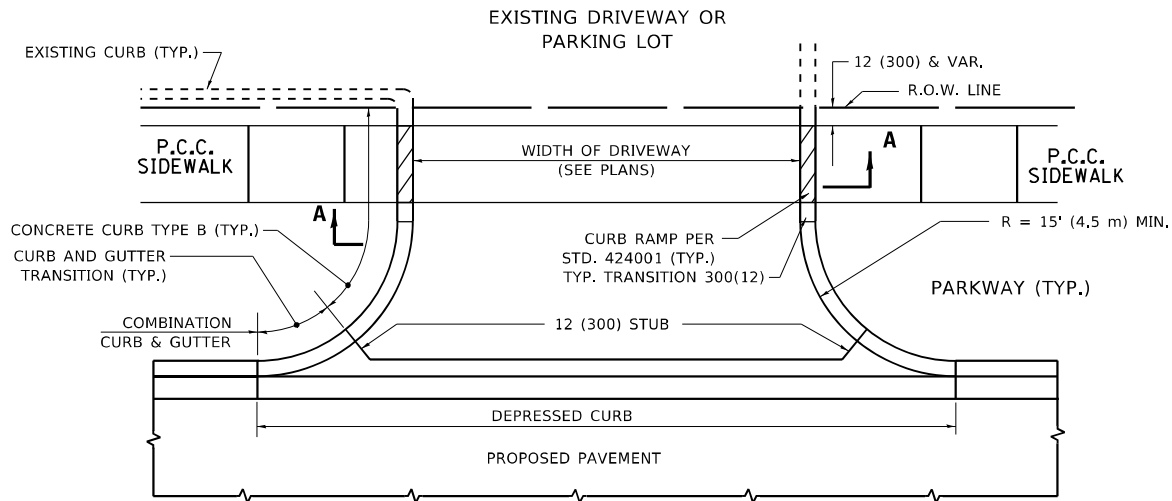
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

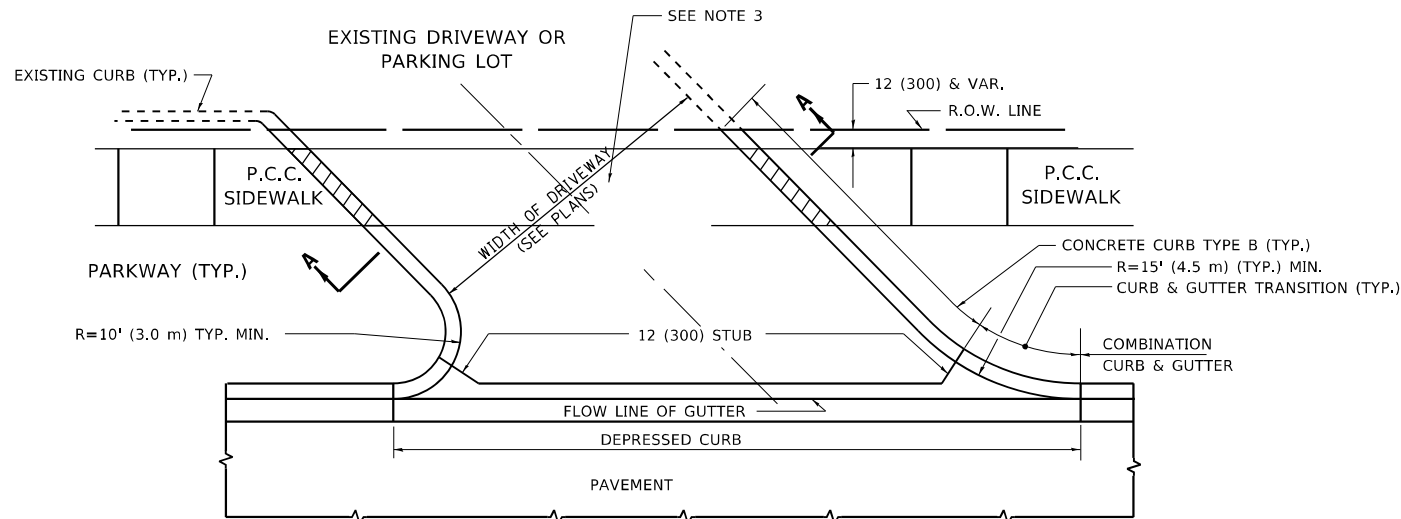
OUTLET FOR CONCRETE
CURB AND GUTTER

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

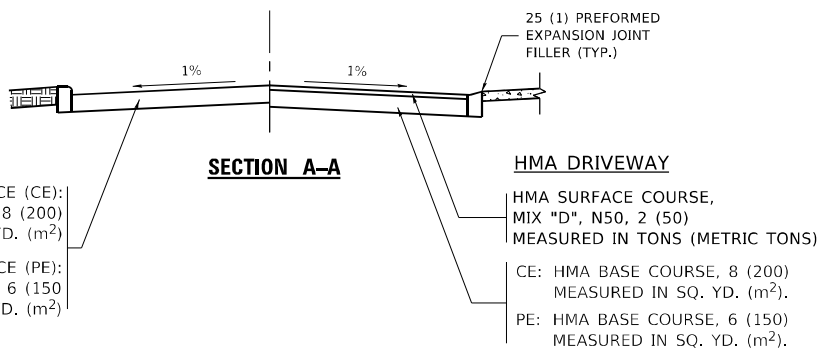
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	85
BD600-01	(BD-03)	CONTRACT NO.	60T11	
	ILLINOIS	FED. AID PROJECT		



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RIGID DRIVEWAY

COMMERCIAL ENTRANCE (CE):
P.C.C. DRIVEWAY PAVEMENT 8 (200)
MEASURED IN SQ. YD. (m²)

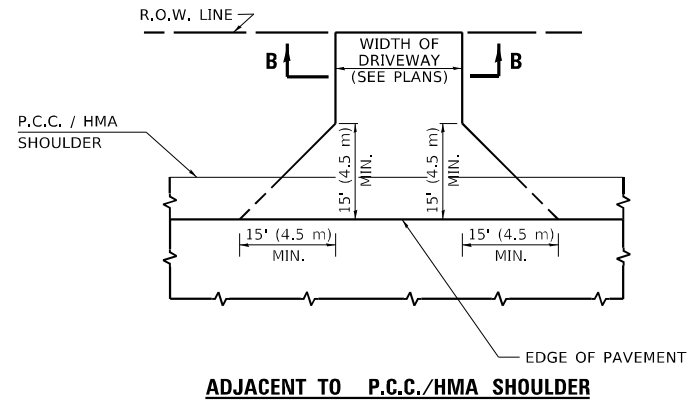
NON-COMMERCIAL ENTRANCE (PE):
P.C.C. DRIVEWAY PAVEMENT 6 (150)
MEASURED IN SQ. YD. (m²)

SECTION A-A

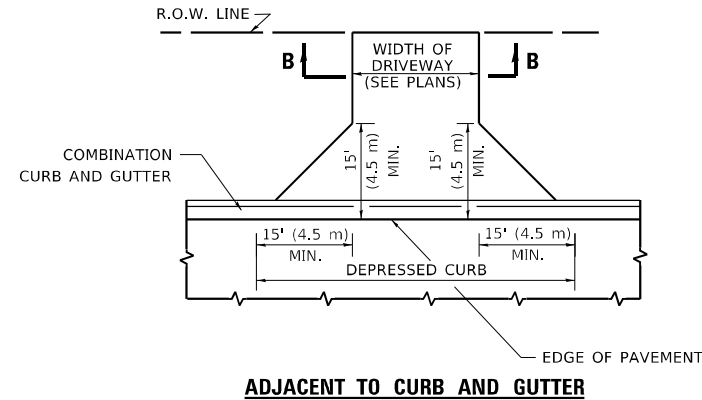
HMA DRIVEWAY

HMA SURFACE COURSE,
MIX "D", N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

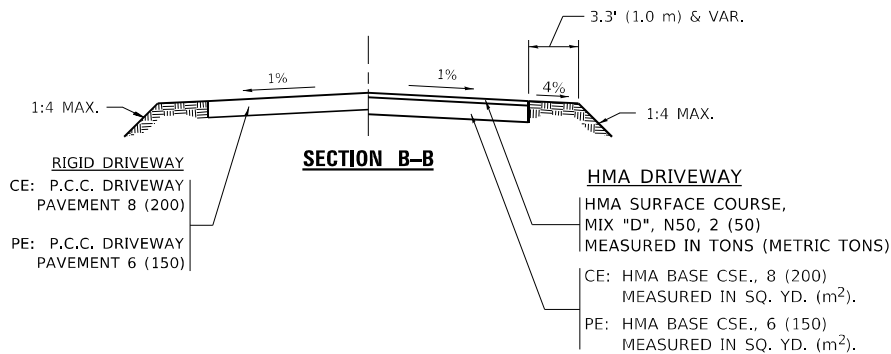
CE: HMA BASE COURSE, 8 (200)
MEASURED IN SQ. YD. (m²).
PE: HMA BASE COURSE, 6 (150)
MEASURED IN SQ. YD. (m²).



ADJACENT TO P.C.C./HMA SHOULDER



ADJACENT TO CURB AND GUTTER



SECTION B-B

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE,
MIX "D", N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200)
MEASURED IN SQ. YD. (m²).

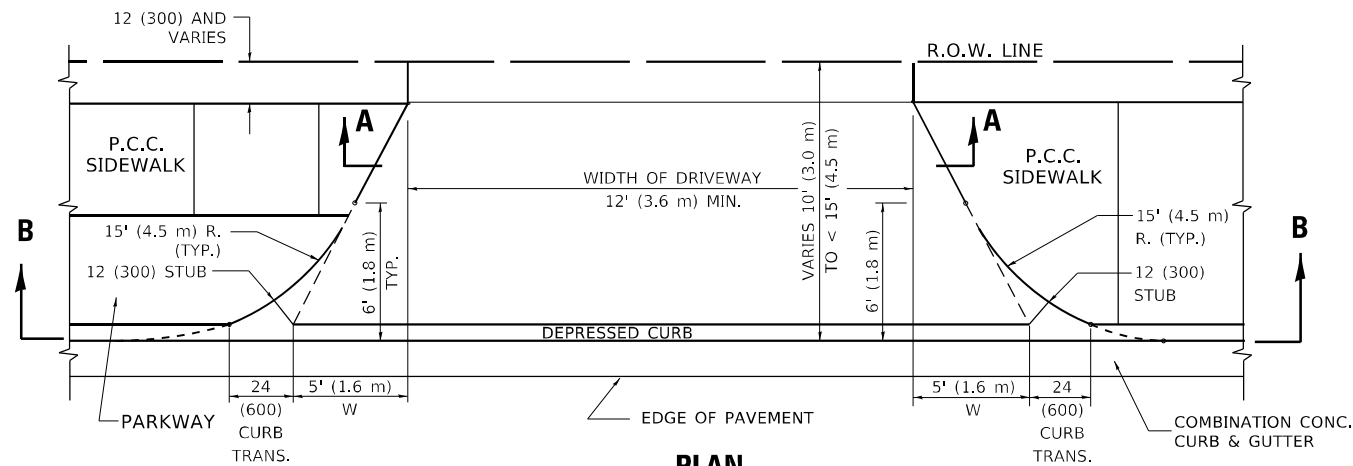
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W.
AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)**

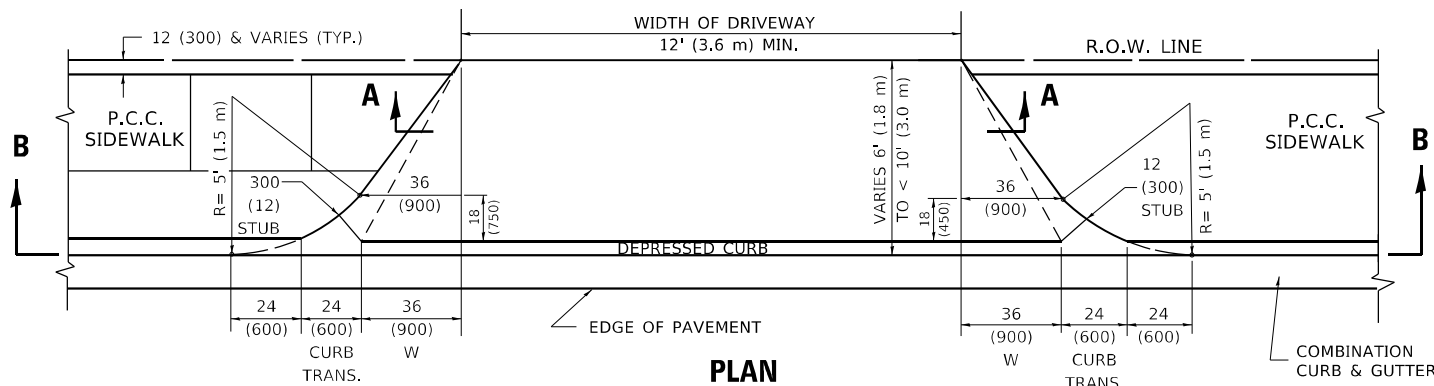
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	86
BD400-01 (BD-01)		CONTRACT NO. 60T11		
ILLINOIS		FED. AID PROJECT		

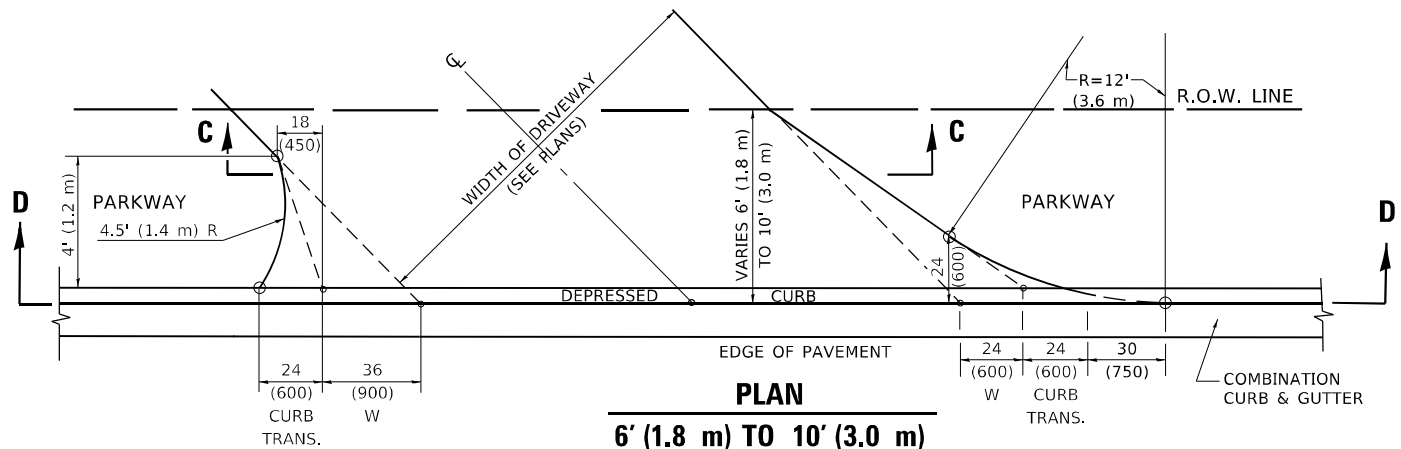
MODEL: Default
FILE: \\nrcs-arc\pub\lansoon\dot\illinois.gov\PIWDOT\Documents\DOT Office\District 1\Projects\PI 602\09\CADD\DATA\Design\DistStd.dgn



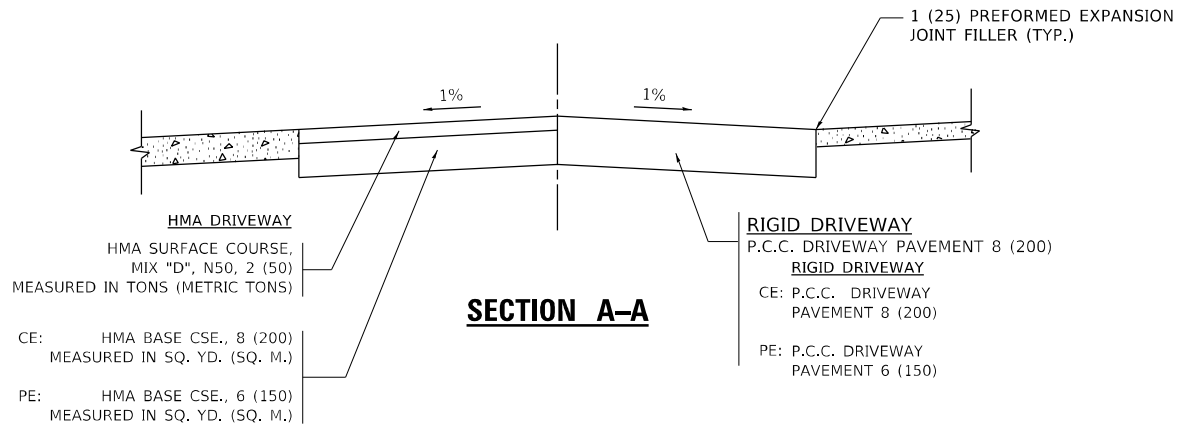
PLAN
10' (3.0 m) TO < 15' (4.5 m)



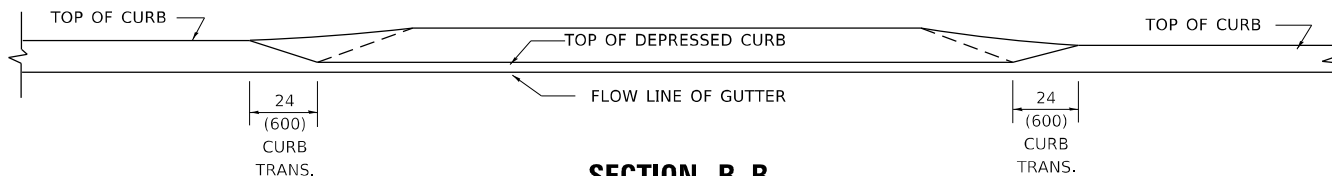
PLAN
6' (1.8 m) TO < 10' (3.0 m)



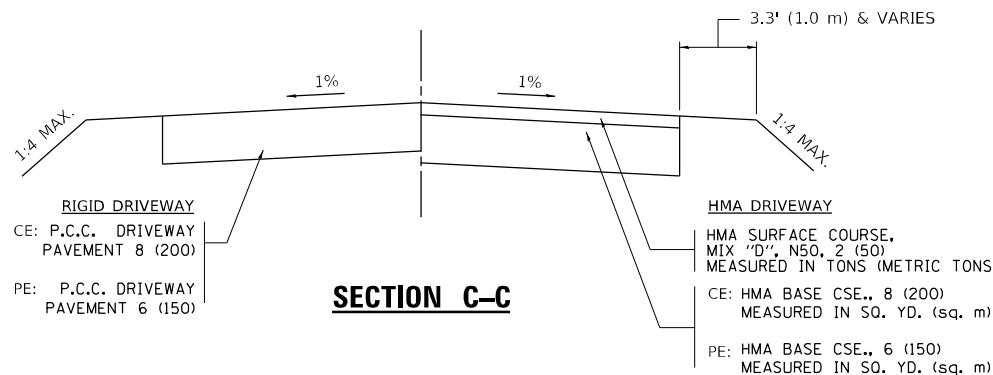
PLAN
6' (1.8 m) TO 10' (3.0 m)



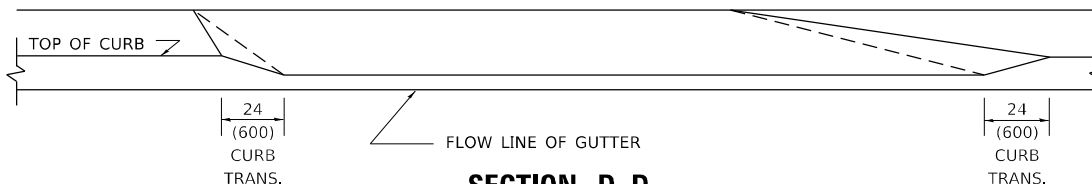
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

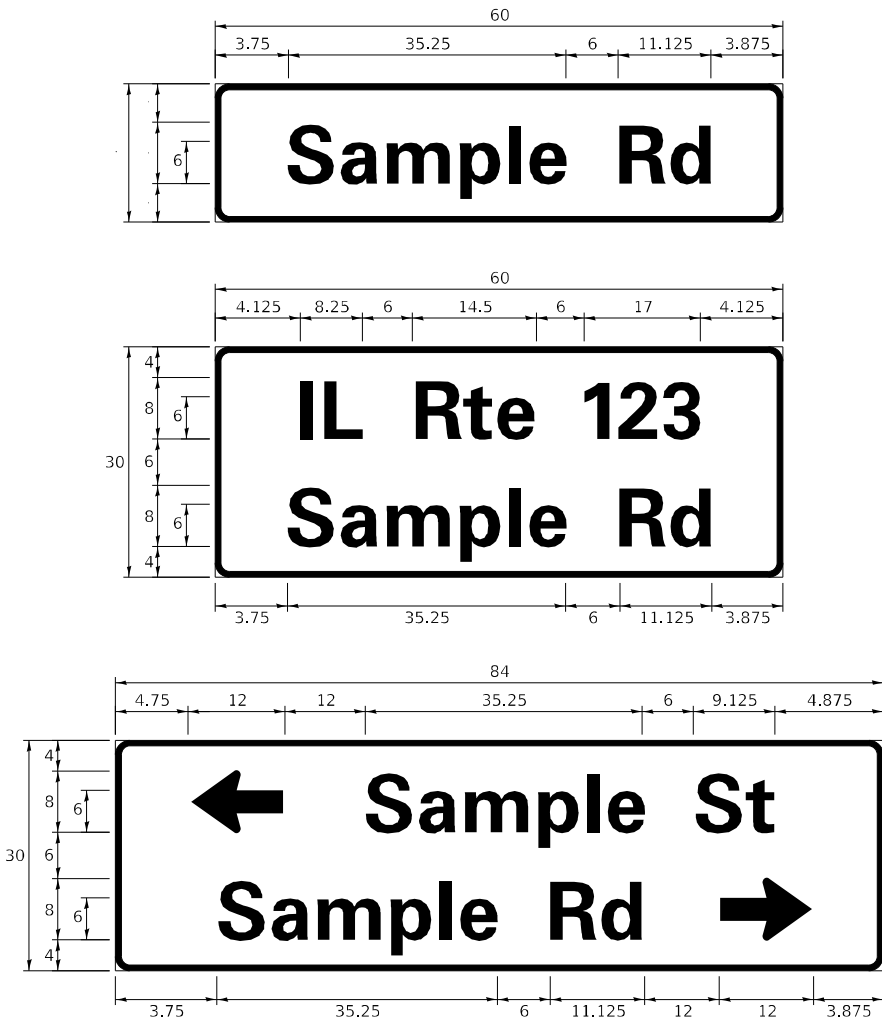
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	87
BD400-02 (BD-02)		CONTRACT NO. 60T11		
ILLINOIS		FED. AID PROJECT		

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

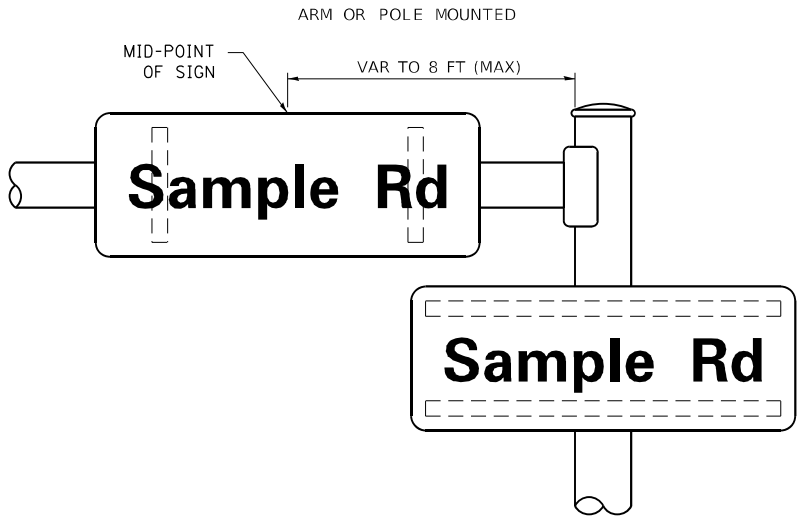
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

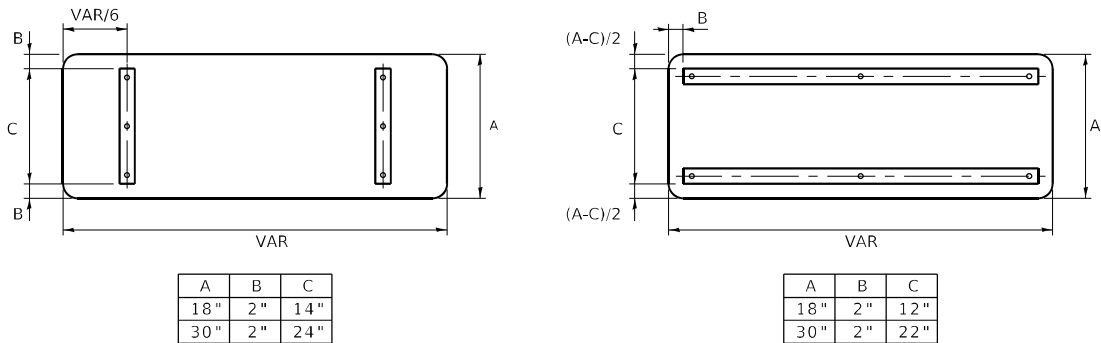
- SIGN CHANNEL
SIGN SCREWS
PART #HPN053 (MED. CHANNEL)
1/4" x 14 x 1" H.W.H. #3
SELF TAPPING WITH NEOPRENE WASHER
PART #HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING
- BRACKETS

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION



SUPPORTING CHANNELS



STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

MODEL: Default
FILE: \\netc:\projects\ammon\dot\illinois\gov\PIWDOT\Documents\DOT_Offices\District_1\Project\PI 169209\CADD\ata\Design\DistStd.dgn

USER NAME = Velichkovvv	DESIGNED - LP/IP	REVISED - LP 07/01/2015
DRAWN - LP	REVISED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED - IP	REVISED -
PLOT DATE = 3/5/2021	DATE - 10/01/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

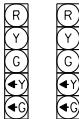
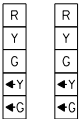
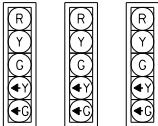
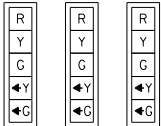
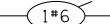
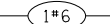
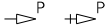
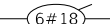
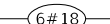
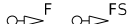
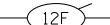
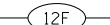
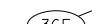
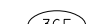
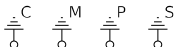
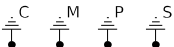
DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	88
TS-02		CONTRACT NO. 60T11		
		ILLINOIS	FED. AID PROJECT	

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	 P	 P
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND					
MASTER CONTROLLER			DOUBLE HANDHOLE			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	 P RB	 P RB
MASTER MASTER CONTROLLER			JUNCTION BOX					
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM					
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL					
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE					
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE					
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM	S	SP	NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
WOOD POLE			INTERSECTION ITEM	I	IP	GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
GUY WIRE			REMOVE ITEM		R	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
SIGNAL HEAD			RELOCATE ITEM		RL	COAXIAL CABLE		
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM		A	VENDOR CABLE		
SIGNAL HEAD OPTICALLY PROGRAMMED	 	 	CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF	COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF	FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF			
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
VIDEO DETECTION CAMERA			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			WIRELESS DETECTOR SENSOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS ACCESS POINT					
CONFIMATION BEACON								
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

	USER NAME = Velichkovv	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN - IP	REVISED -		SCALE: NONE	SHEET 1	OF 7	SHEETS	STA.	TO STA.	344	(39 & 41) N-3	LAKE	107	89
	PLOT SCALE = 100,0000 ' / in.	CHECKED - LP	REVISED -								TS-05		CONTRACT NO. 60T11		
	PLOT DATE = 3/5/2021	DATE - 9/29/2016	REVISED -								ILLINOIS FED. AID PROJECT				

EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

A schematic diagram of a loop. It consists of a central rectangular box. On the left side of the box, there is a vertical oval shape with two small circles at its top and bottom, representing a loop. On the right side of the box, there is a horizontal cylinder shape with a flange at its right end, also representing a loop. Inside the central box, there are four text labels: "LANE (A) LOOP (B)" at the top, "LOOP DIRECTION (C)" in the middle, and "LOOP ROTATION (D)" at the bottom. The labels (A), (B), (C), and (D) are underlined.

-
- Diagram illustrating the wiring configuration for a loop detector system, showing three loops (Loop 1, Loop 2, Loop 3) connected to a junction box and a controller cabinet.
- Components and Labels:**
- LOOP 1, LOOP 2, LOOP 3:** Inductive loops installed in the pavement.
 - VEHICLE MOVEMENT:** Indicated by arrows showing the direction of traffic flow over the loops.
 - STRANDED LOOP WIRE NO. 14 1/C IN EMPTY COILABLE NONMETALLIC CONDUIT [5 TWISTS/FT(MM)]:** The wiring used to connect the loops to the junction box.
 - HANDHOLE OR JUNCTION BOX:** The central point where the loop wires are spliced.
 - LOOP TAG:** A label used to identify the individual loop wires.
 - LOOP-TO-LOOP SPLICE (SEE DETAIL "A"):** The connection point between adjacent loop wires.
 - NO. 14 2/C TWISTED, SHIELDED LEAD-IN:** The wiring connecting the junction box to the controller cabinet.
 - CONTROLLER CABINET:** The main unit housing the amplifier and other electronics.
 - AMPLIFIER:** The component that processes the signal from the loops.
 - OUTPUT:** The signal output from the amplifier.
 - LOOP DETECTOR SPLICE (SEE DETAIL "B"):** The connection point between the loop wires and the amplifier.
- Wiring Configuration:**
- Each loop (Loop 1, Loop 2, Loop 3) is connected to the junction box via a pair of wires.
 - The junction box is connected to the controller cabinet via a twisted, shielded lead-in wire.
 - The controller cabinet contains an amplifier, which outputs the signal.
- Notes:**
- LOOP POLARITY AS SHOWN MUST BE STRICTLY OBSERVED WHEN SPLICING LOOP WIRES TO THE NO. 14 2/C TWISTED, SHIELDED LEAD-IN.

- LOOPS SHALL BE SPLICED IN SERIES.
SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



DETAIL "A"
LOOP-TO-LOOP SPLICE



- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.

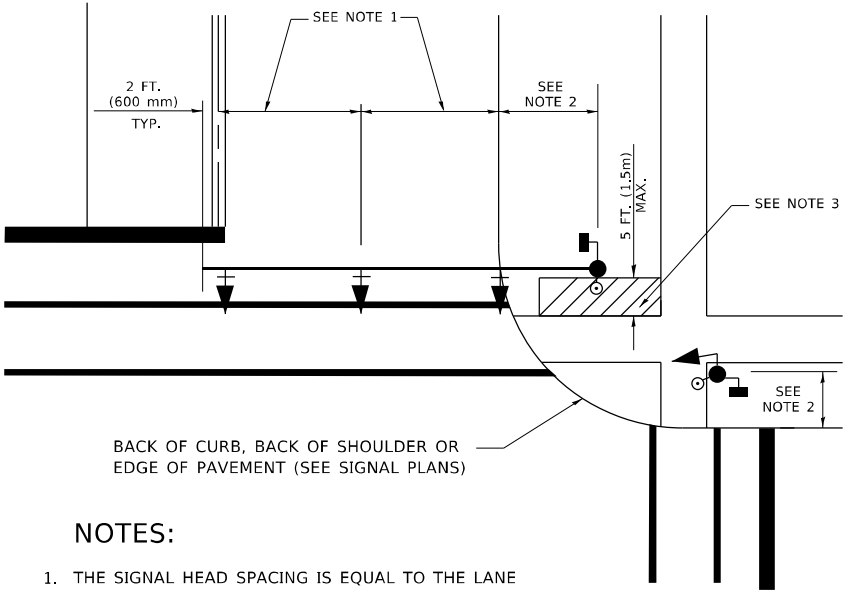
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
PRE-FORMED LOOP
- 6 XL POLYOLEFIN 2 CONDUCTOR
- 7 BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

	USER NAME = Velichkovvv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					344	(39 & 41) N-3	LAKE	107	90
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		TS-05		CONTRACT NO. 60T11					
	PLOT DATE = 3/5/2021	DATE -	REVISED -									
						SCALE: NONE	SHEET 2 OF 7 SHEETS	STA. TO STA.				

MODEL: Default
FILE: \\ntcpc-arv01\lanonm\dot\illinois\gov\PWIDOT\Documents\IDOT_Offices\District 1\Projects\169209\CADD\DATA\Design\DistStd.dgn

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

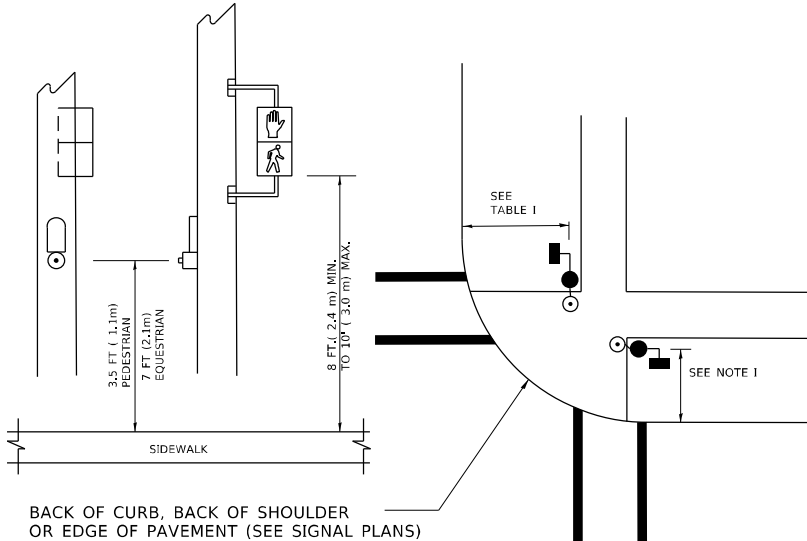
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

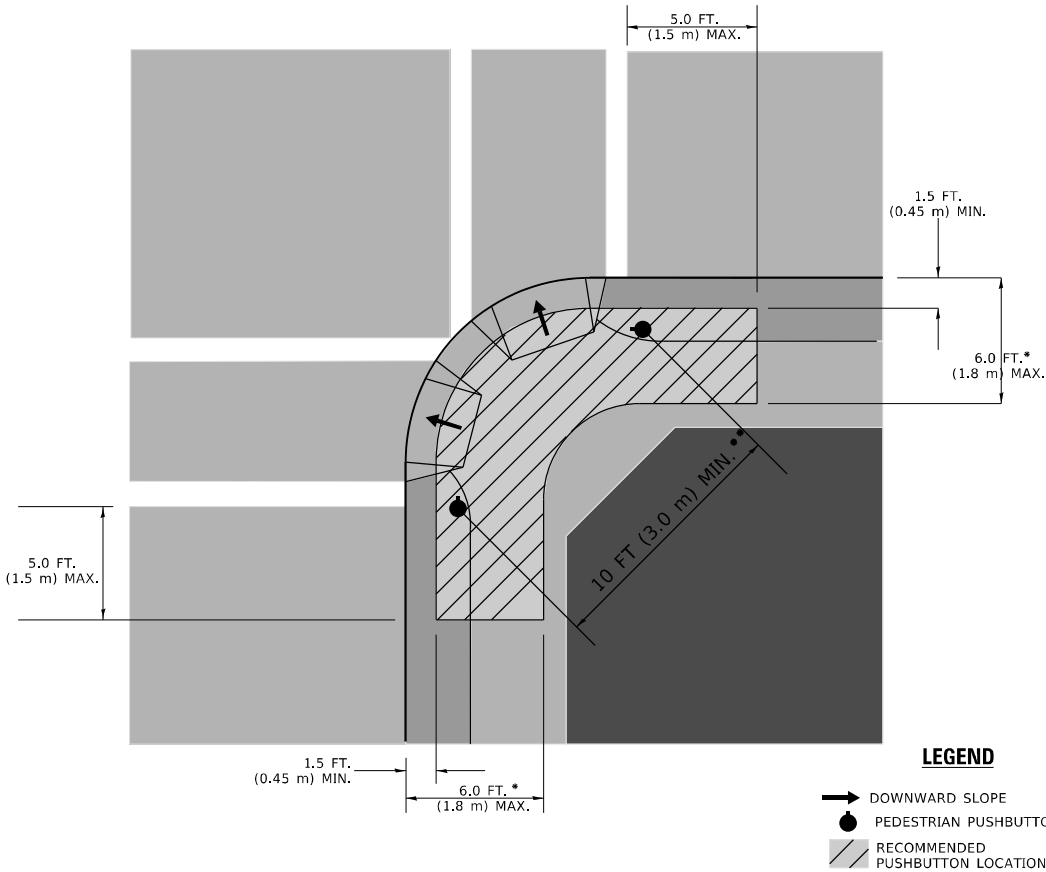
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0,45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

USER NAME = Velichkovvv	DESIGNED -
DRAWN -	REVISD -
PLOT SCALE = 100,0000 ' / in.	CHECKED -
PLOT DATE = 3/5/2021	DATE -

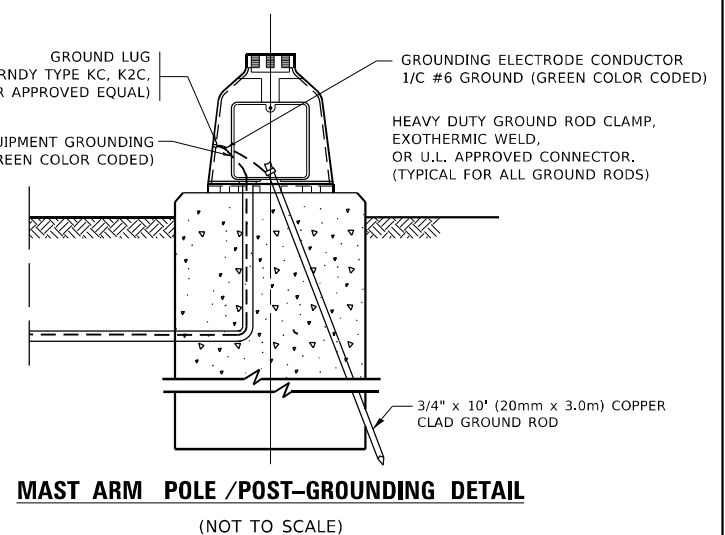
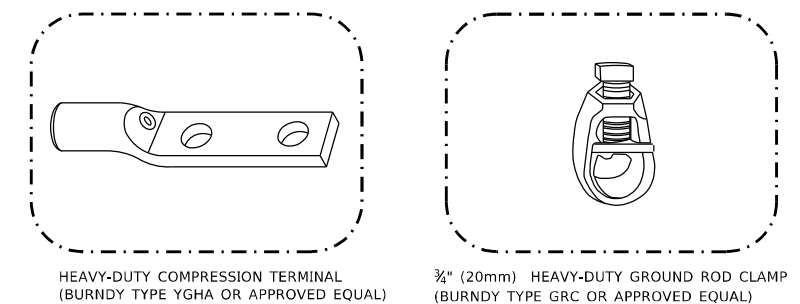
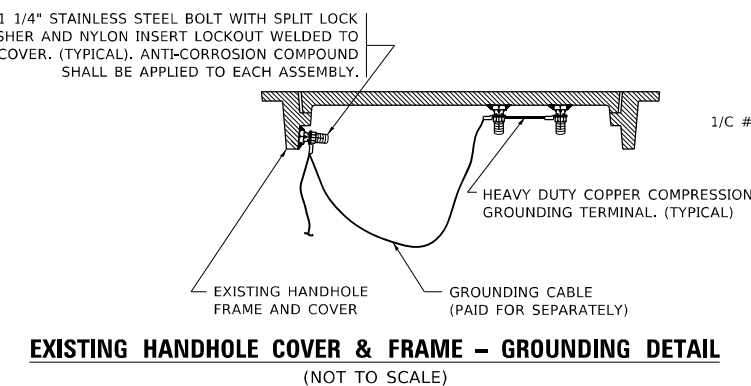
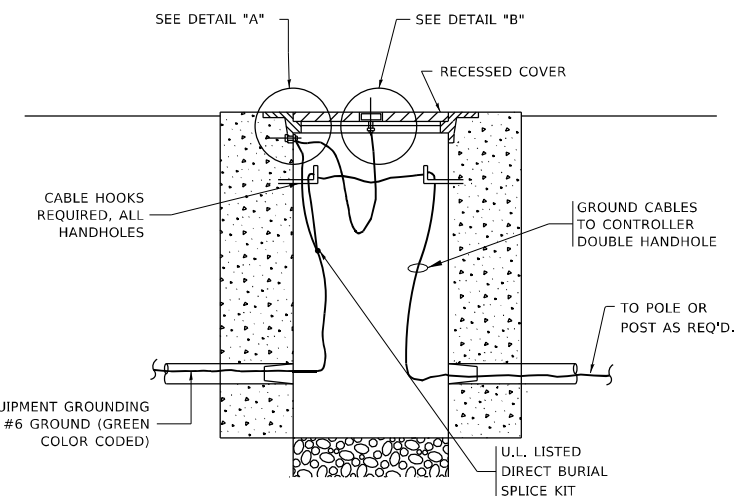
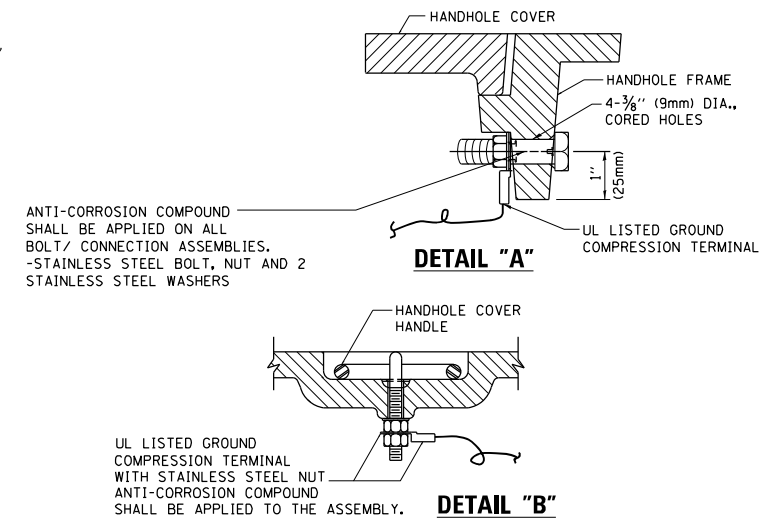
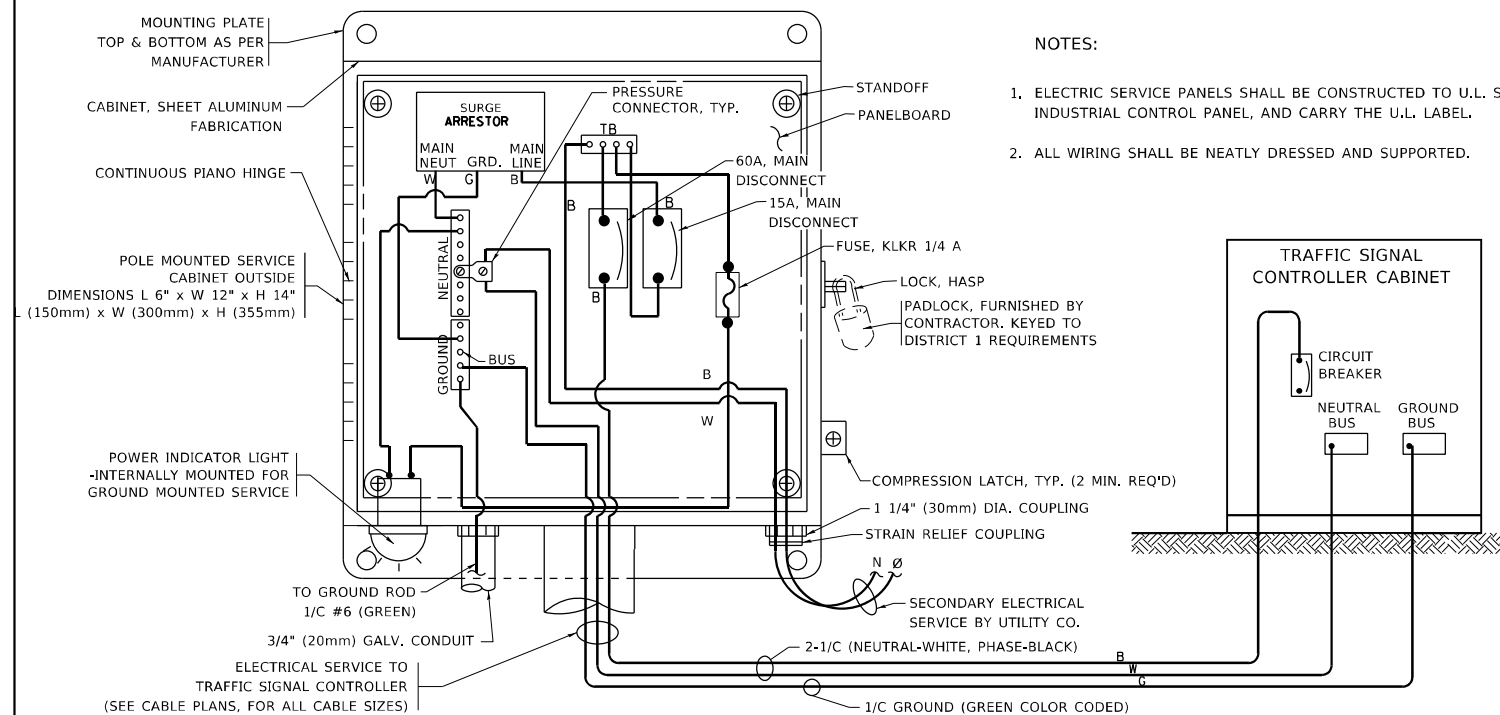
REVISD -
REVISD -
REVISD -
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

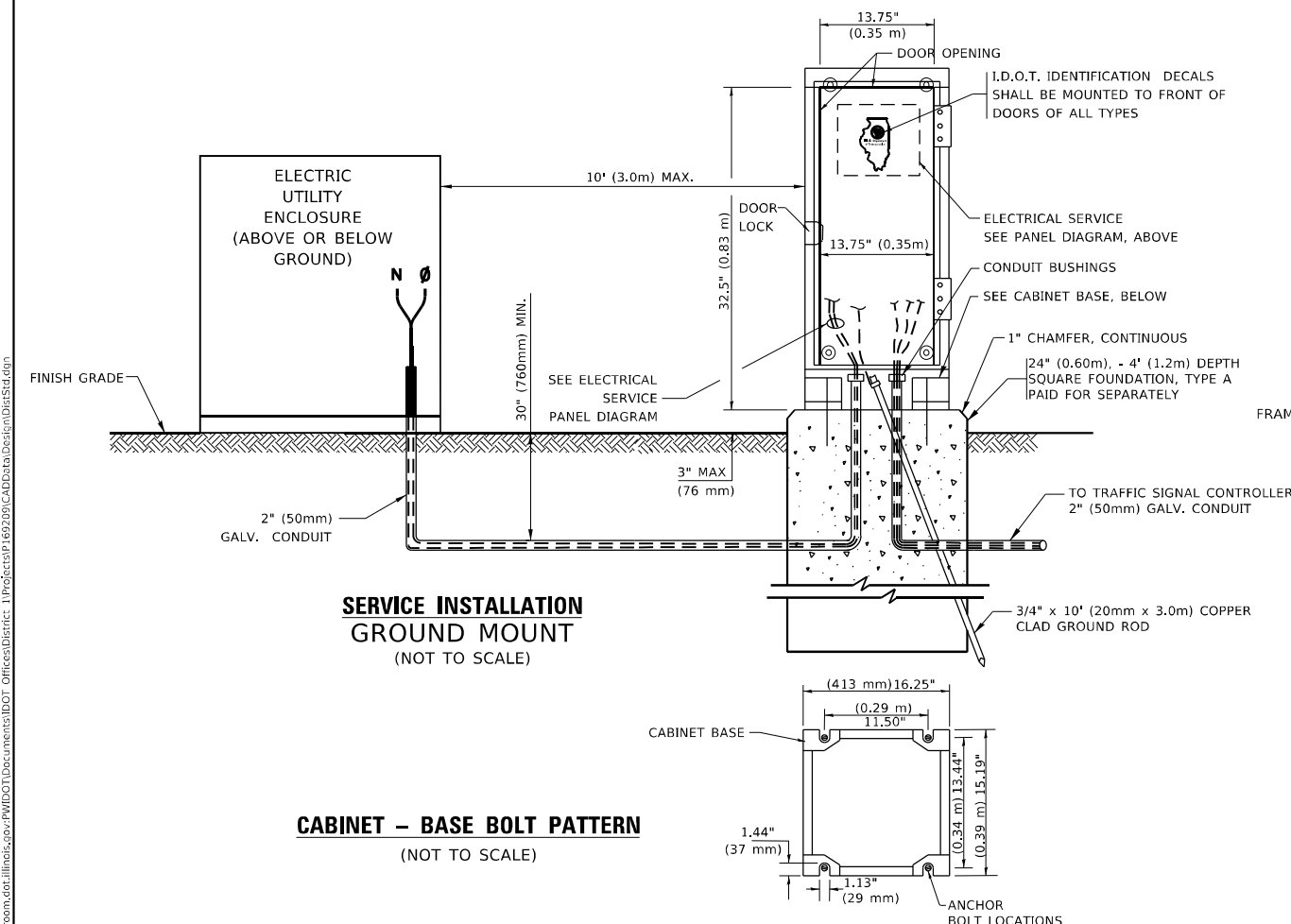
SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	91
TS-05		CONTRACT NO. 60T11		
		ILLINOIS FED. AID PROJECT		



- # NOTES:
- ## **GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
 2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
 3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

- ## NOTES:
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED,
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



USER NAME = Velichkovv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE -	REVISED -

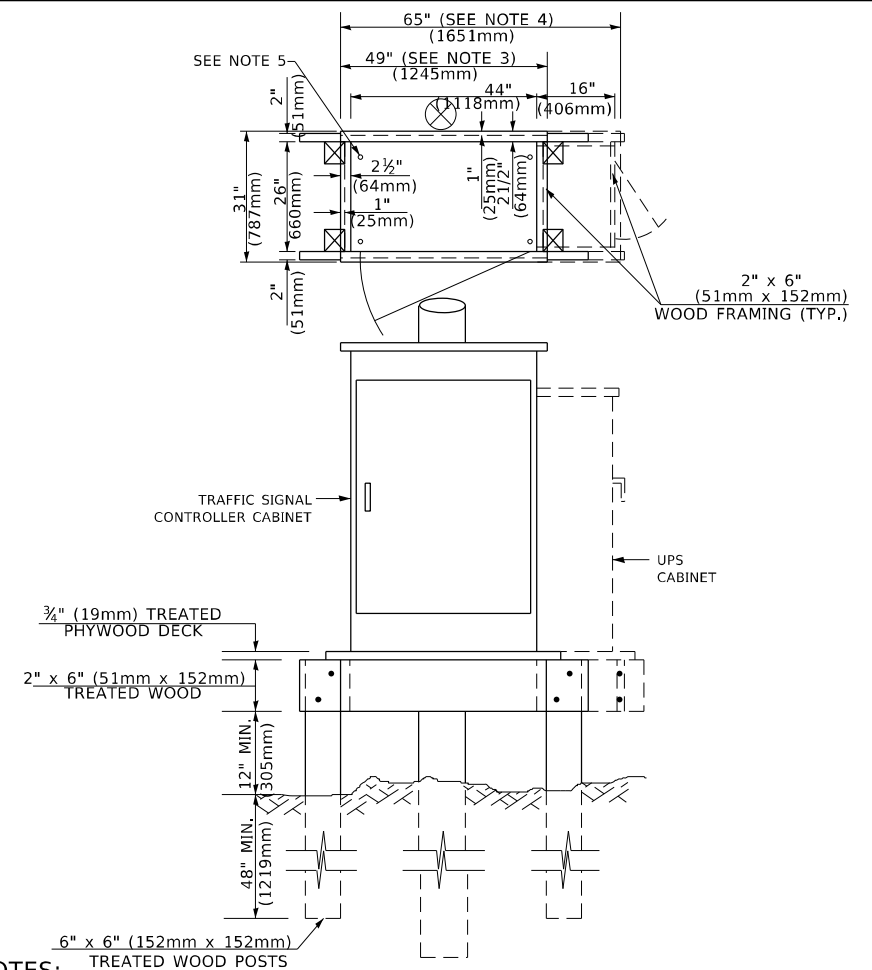
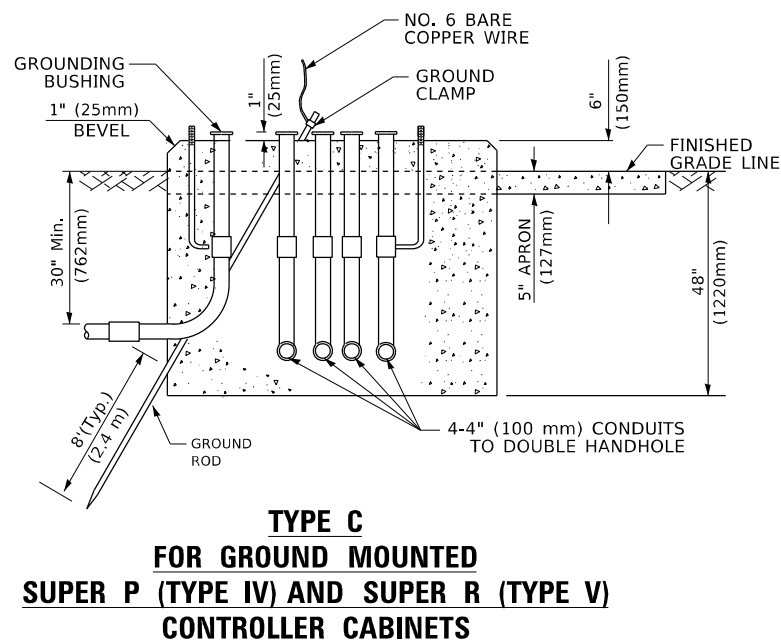
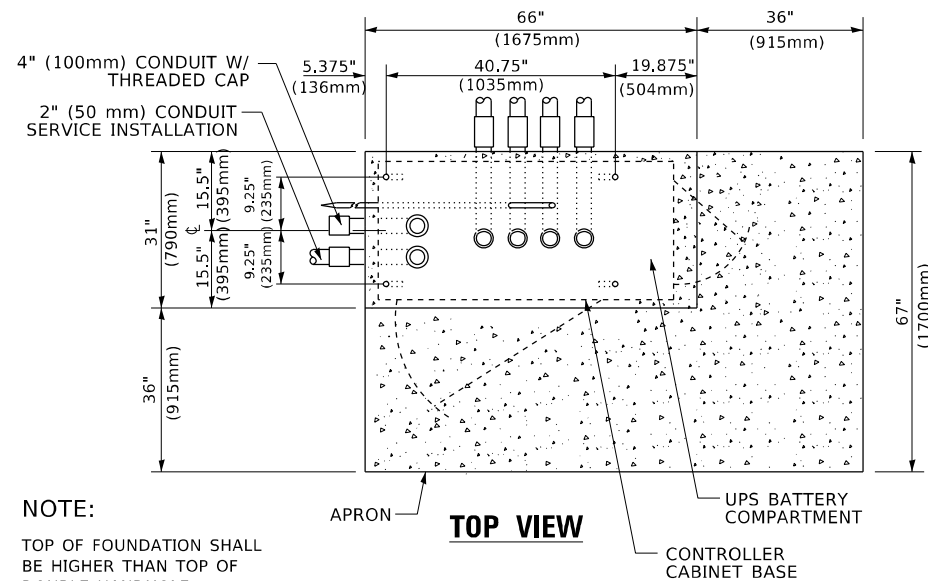
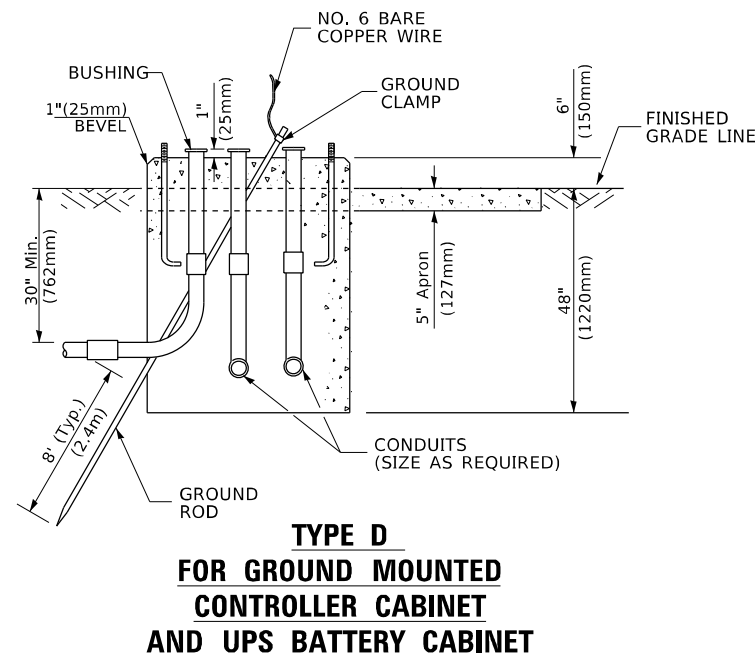
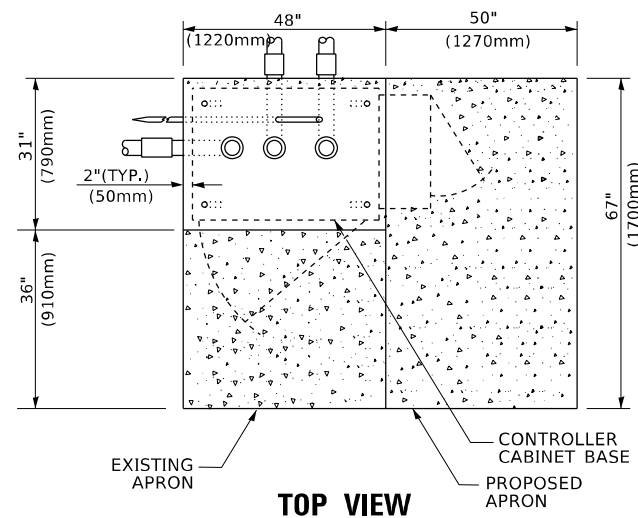
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE

STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE	SHEET 4 OF 7 SHEETS	STA. TO STA.
-------------	---------------------	--------------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	92
TS-05		CONTRACT NO. 60T11		
ILLINOIS		FED. AID PROJECT		



- NOTES:** TREATED WOOD POSTS
1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
 2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
 6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

CABLE SLACK LENGTH	FEET	METERS
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD)		
(L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clay, silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.

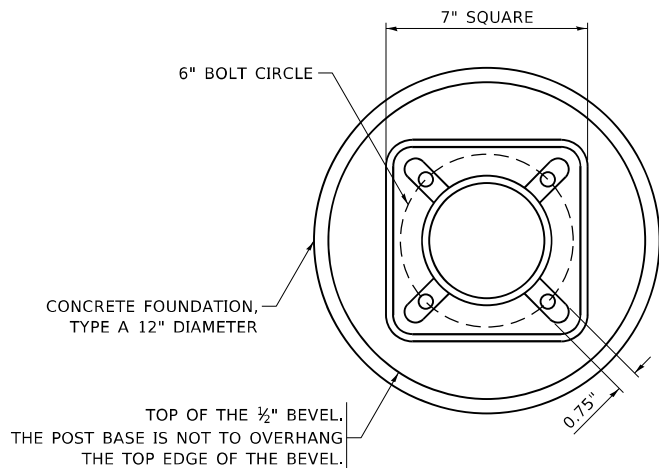
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations

4. For most arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

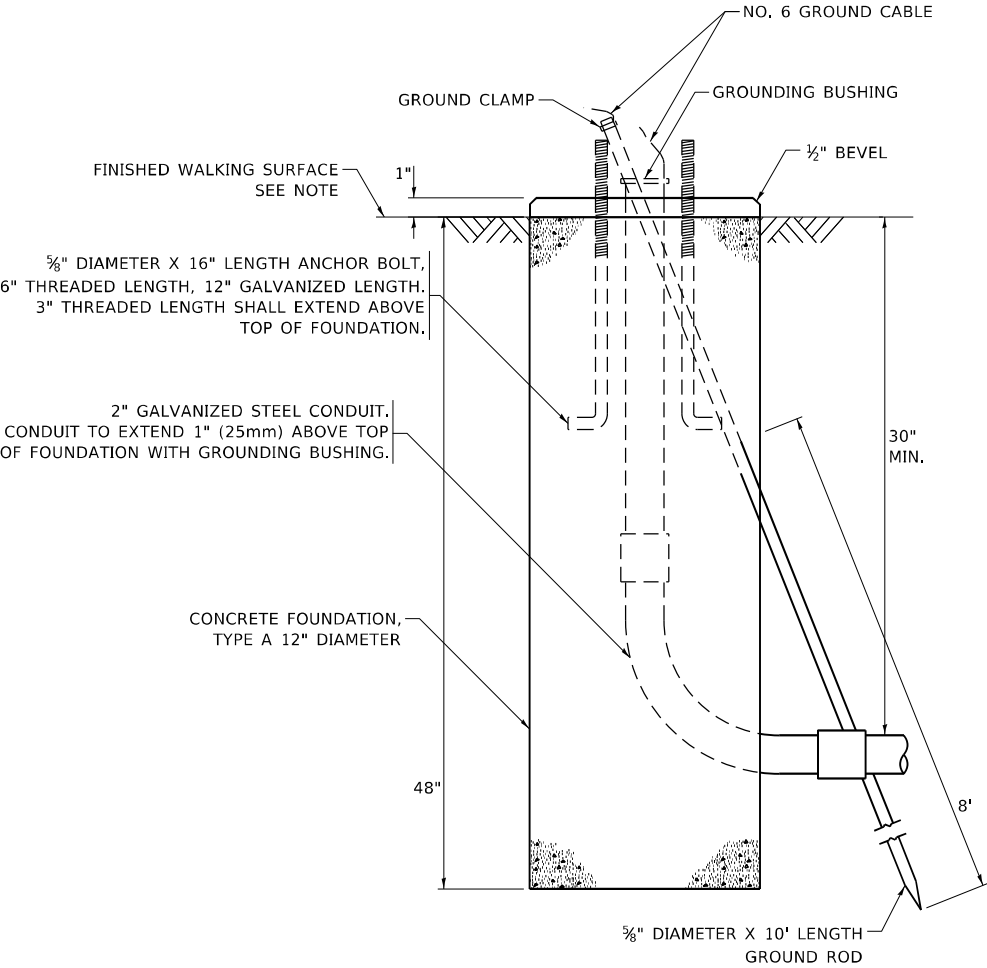
FILE NAME: D:\PROJECTS\ILLINOIS\STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION\STANDARD TRAFFIC SIGNAL DESIGN DETAILS\TS-05.DWG

USER NAME = Velichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						344	(39 & 41) N-3	LAKE	107	93
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		TS-05				CONTRACT NO. 60T11				
PLOT DATE = 3/5/2021	DATE -	REVISED -		SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				

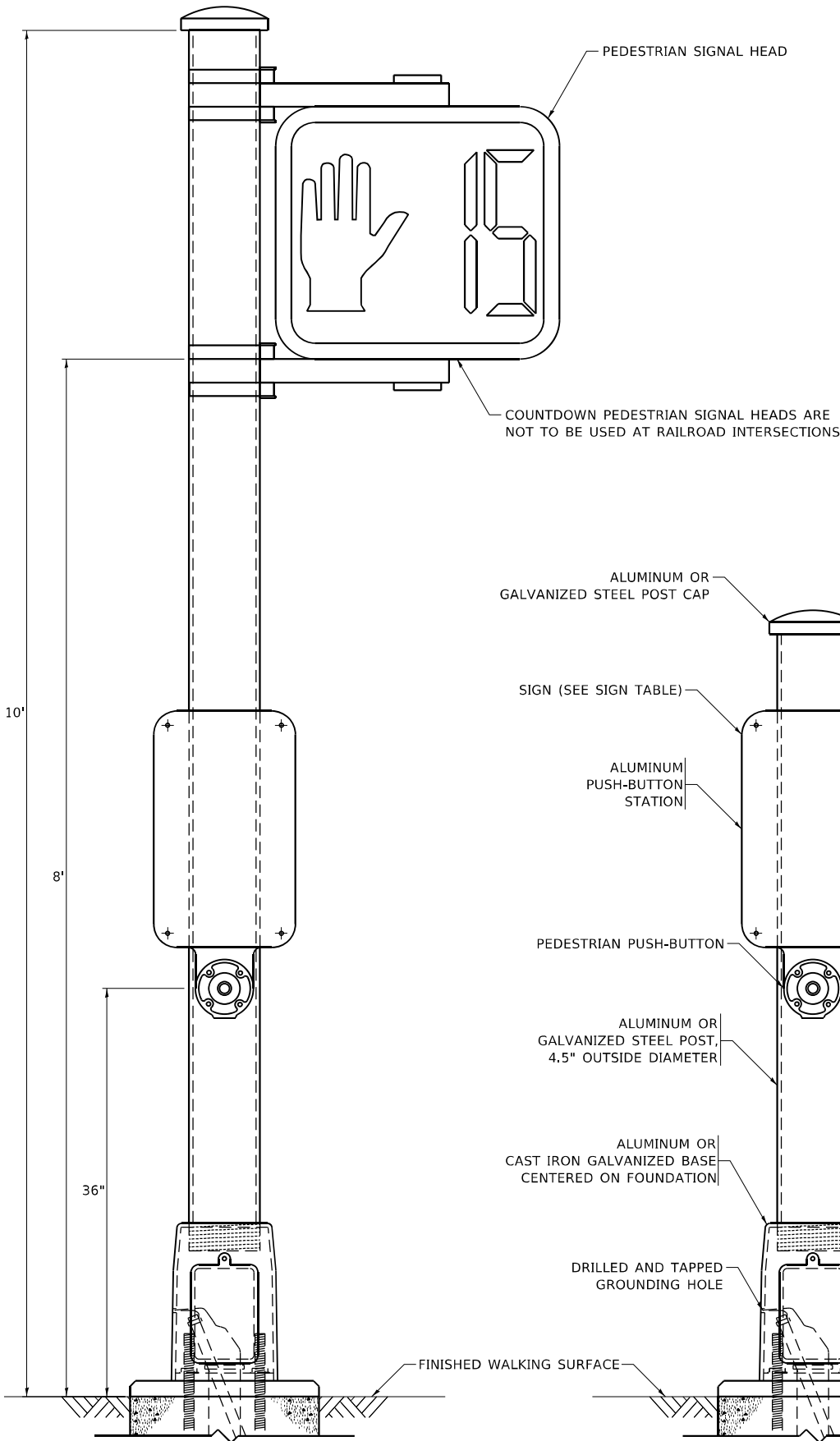


BOLT PATTERN

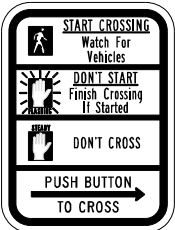
NOTE:
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**



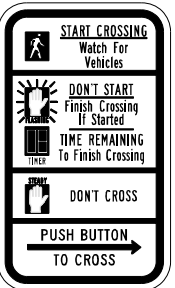
PEDESTRIAN SIGNAL POST, 10 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:
1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

PEDESTRIAN SIGNAL POST, 5 FT.

MODEL: Default
FILE: \\net101\public\ammon\dot\illinois.gov\PWIDOT\Documents\DOT_Offices\District 1\Projects\PI 169\2019\CADD\Drawings\Design\DistStd.dgn

USER NAME = Velichkovv	DESIGNED - IP	REVISED - 10-15-2020
	DRAWN - IP	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - LP	REVISED -
PLOT DATE = 3/5/2021	DATE - 10-15-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

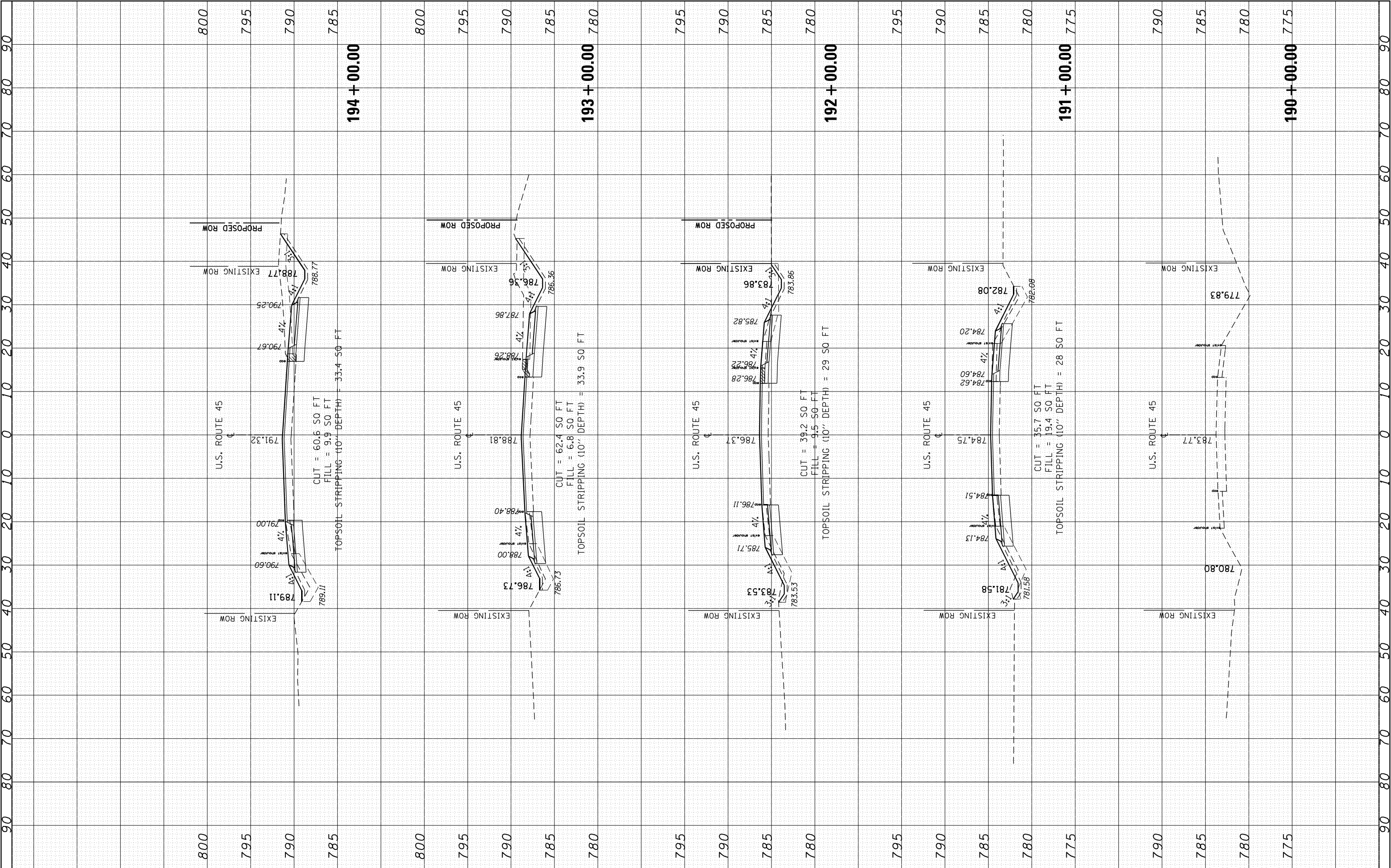
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41) N-3	LAKE	107	95
TS-05		CONTRACT NO. 60T11		
ILLINOIS		FED. AID PROJECT		

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

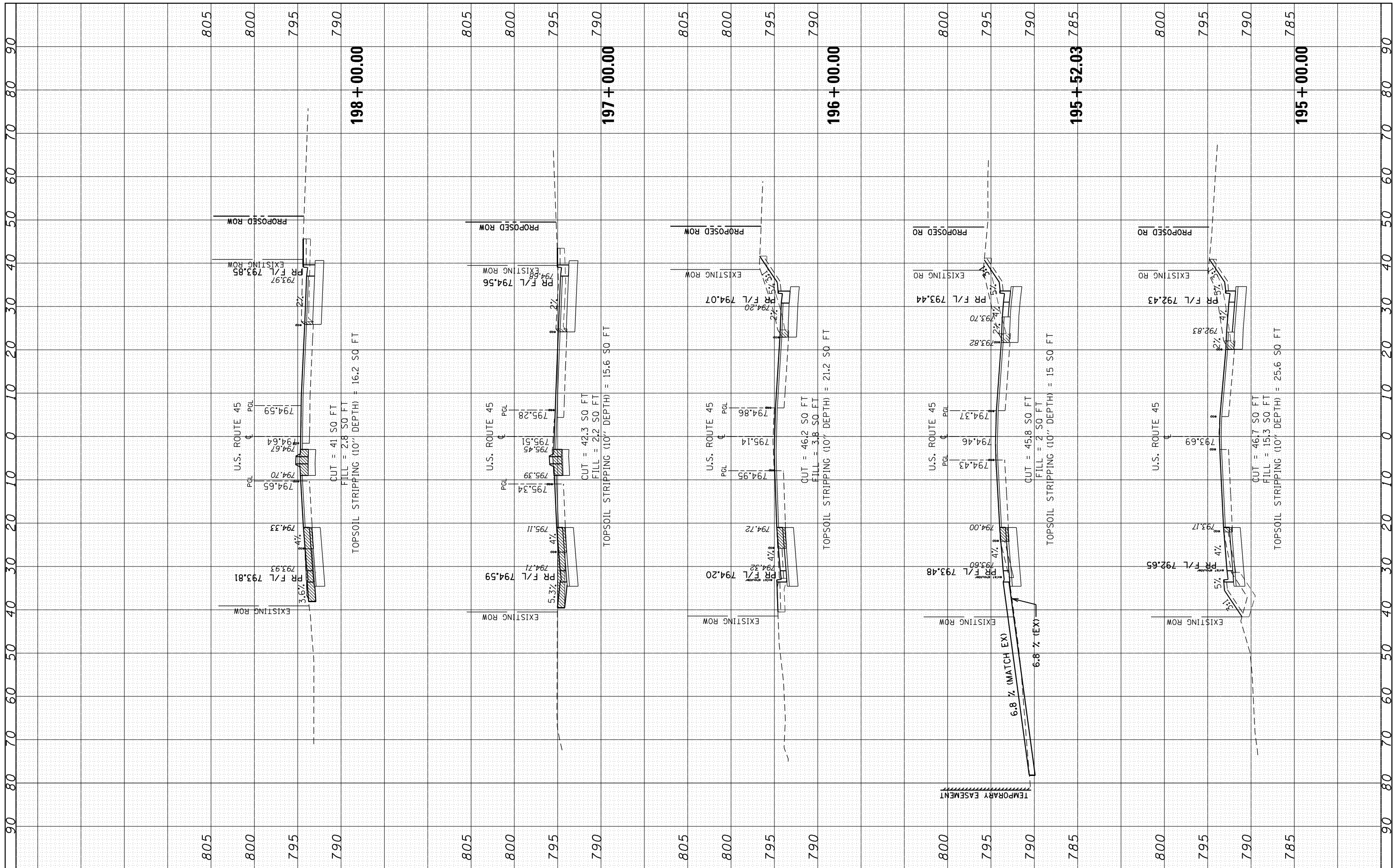
ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = p:\planroom.dot\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI69209\CADD\DRAWN\PI69209-292-sht-xssht-US45.dgn	USER NAME = Velichkovvv		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS U.S. ROUTE 45 AT IL. ROUTE 173				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 190+00.00 TO STA.194+00.00				344	(39 & 41) N-3	LAKE	107	96
	PLOT DATE = 3/5/2021		DATE -	REVISED -						CONTRACT NO. 60T11				
										ILLINOIS FED. AID PROJECT				

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

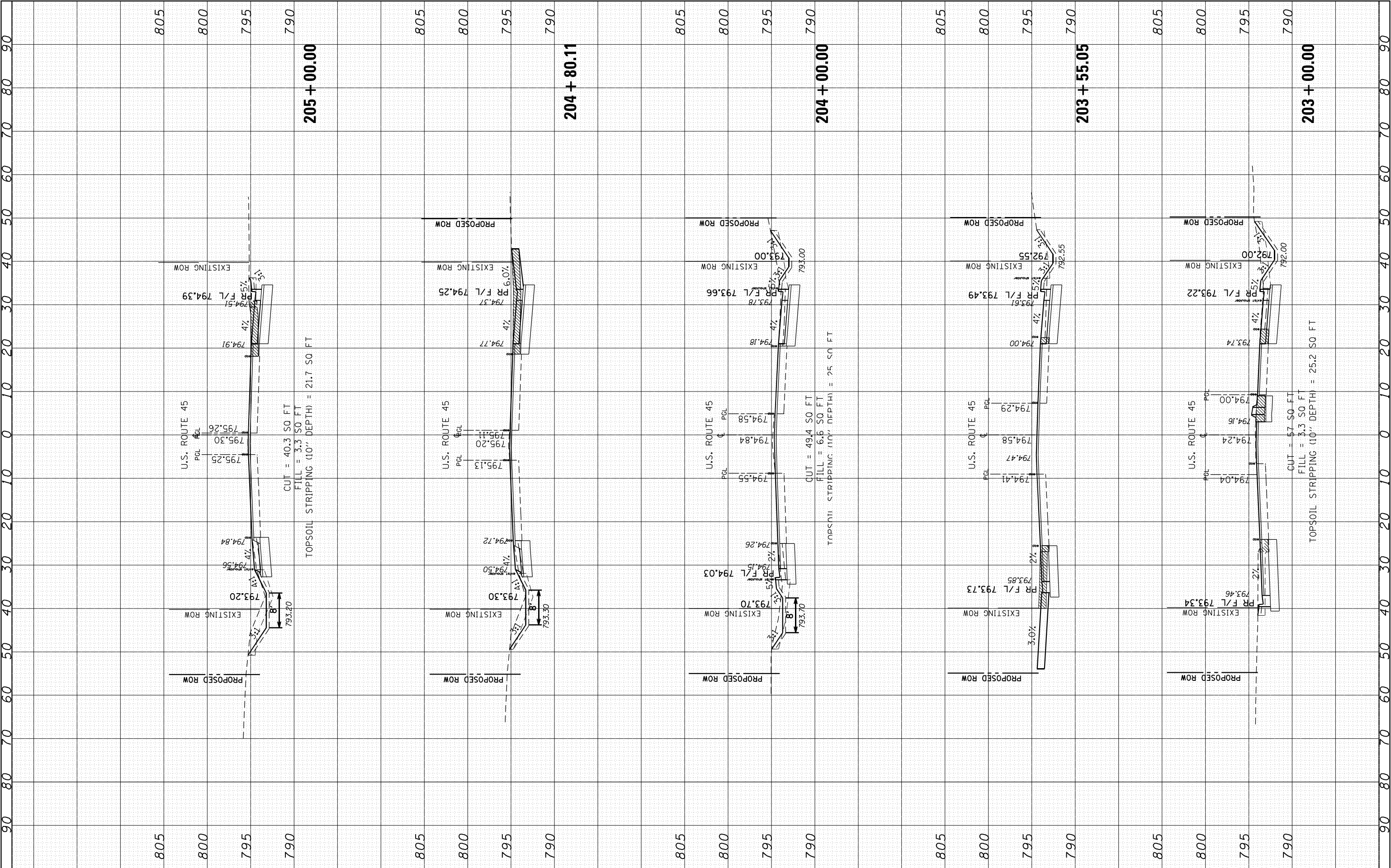
ORIGINAL SURVEY				BY		DATE
NOTE BOOK						
SURVEYED _____						
PLOTTED _____						
TEMPLATE _____						
AREAS _____						
AREAS CHECKED _____						
NO. _____						



FILE NAME =	USER NAME = Velichkovvv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS U.S. ROUTE 45 AT IL. ROUTE 173					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
per\\planroom.dot.illinois.gov\PIW100\Documents\DOT Offices\District 1\Projects\PI69209\CADD\DRAWING\PI69292-sht-xsstt-US45.dgn		DRAWN	REVISED -		344	(39 & 41) N-3	LAKE	107	97					
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 195+00.00 TO STA. 198+00.00					CONTRACT NO. 60T11				
	PLOT DATE = 3/5/2021	DATE	REVISED -							ILLINOIS FED. AID PROJECT				

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

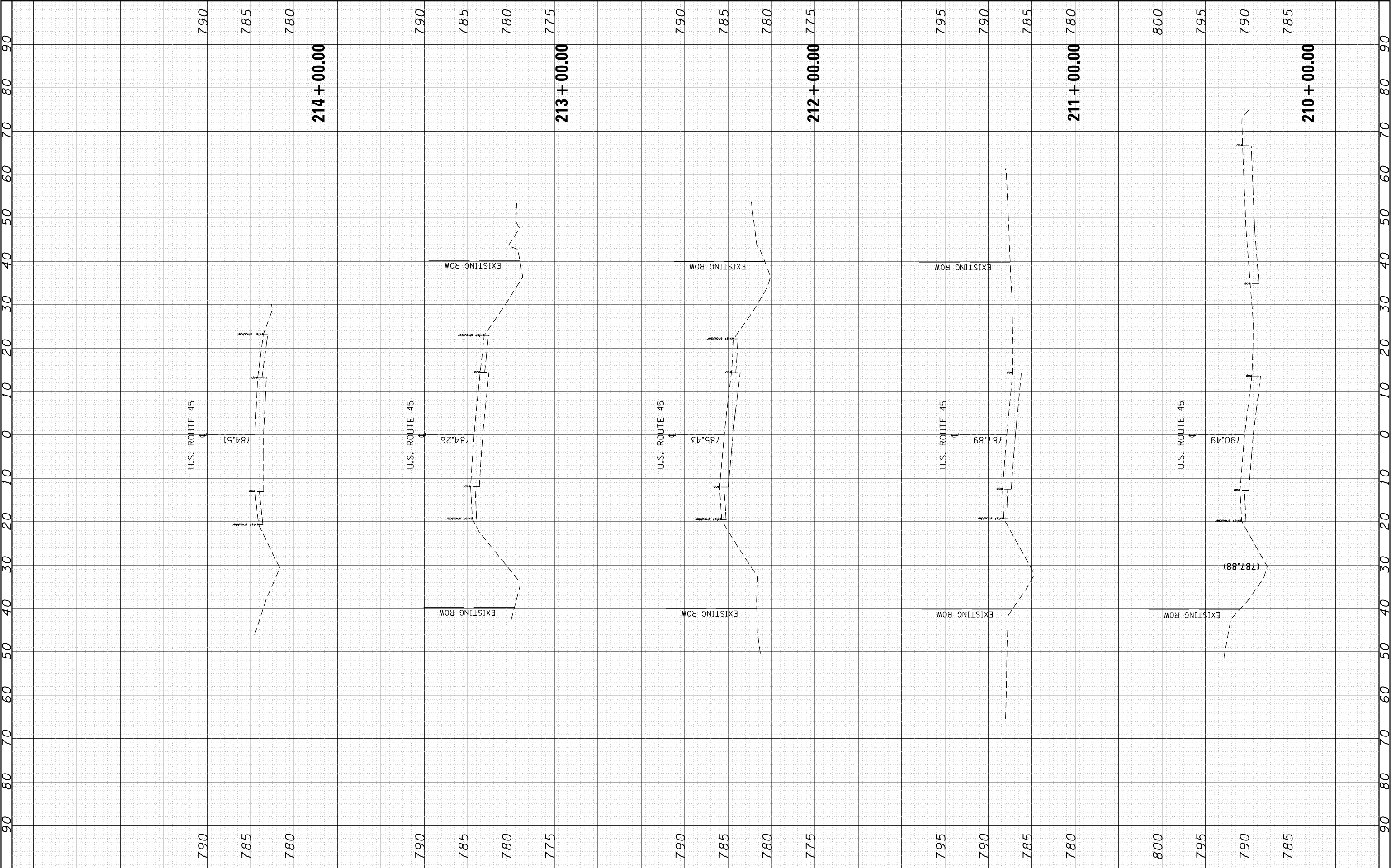
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



FILE NAME =	USER NAME = Velichkovvv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS U.S. ROUTE 45 AT IL. ROUTE 173				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom.dot\illinois.gov\PI69209\CADD\DRAWING\PI69209-292-sht-xssht-US45.dgn		DRAWN	REVISED									344	(39 & 41) N-3	LAKE	107	99
PLOT SCALE = 20.0000' / in.		CHECKED -	REVISED -									CONTRACT NO. 60T11				
PLOT DATE = 3/5/2021		DATE -	REVISED -									ILLINOIS FED. AID PROJECT				
Default								SCALE:	SHEET	OF	SHEETS	STA. 203+00.00	TO STA. 205+00.00			

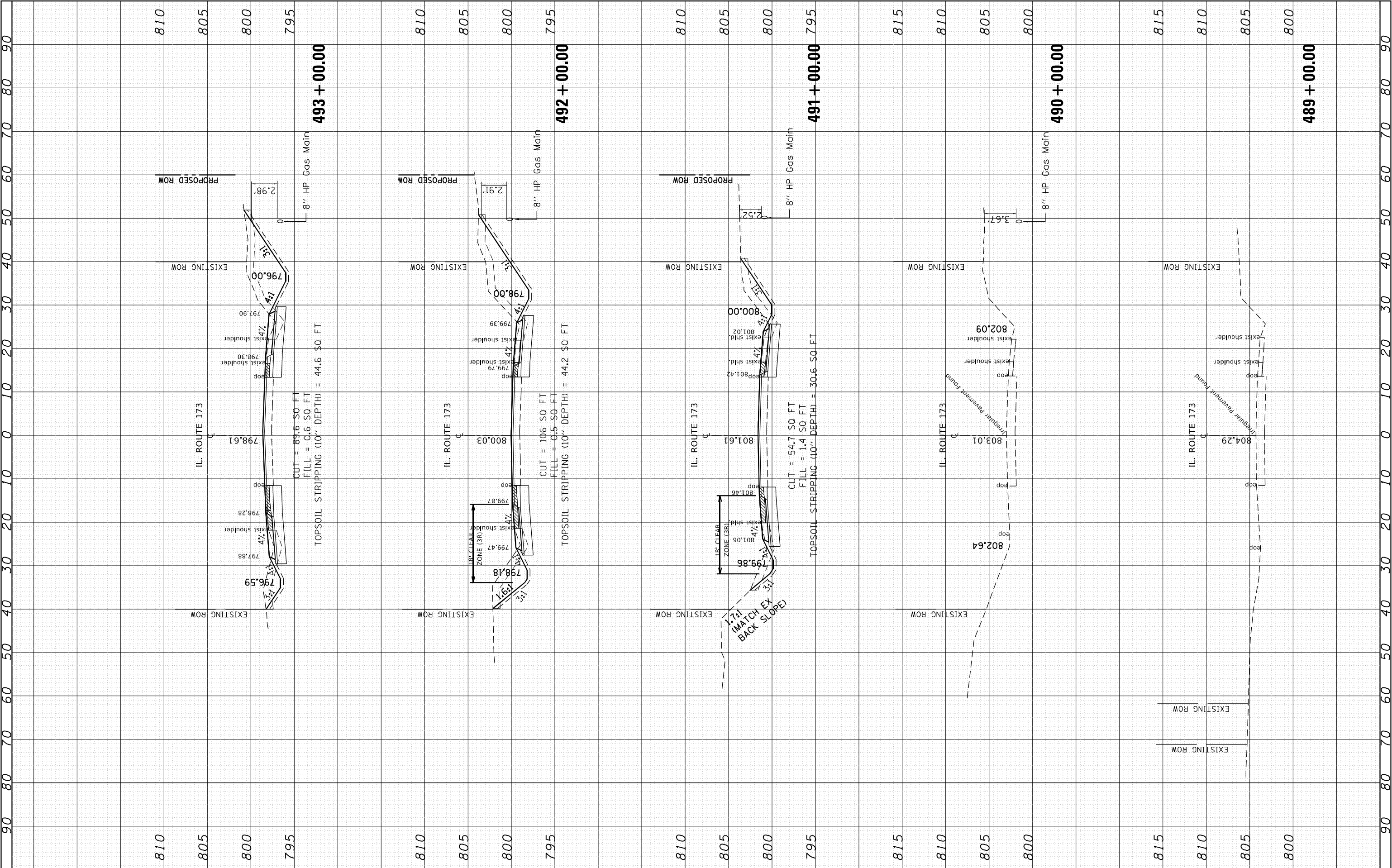
FINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE



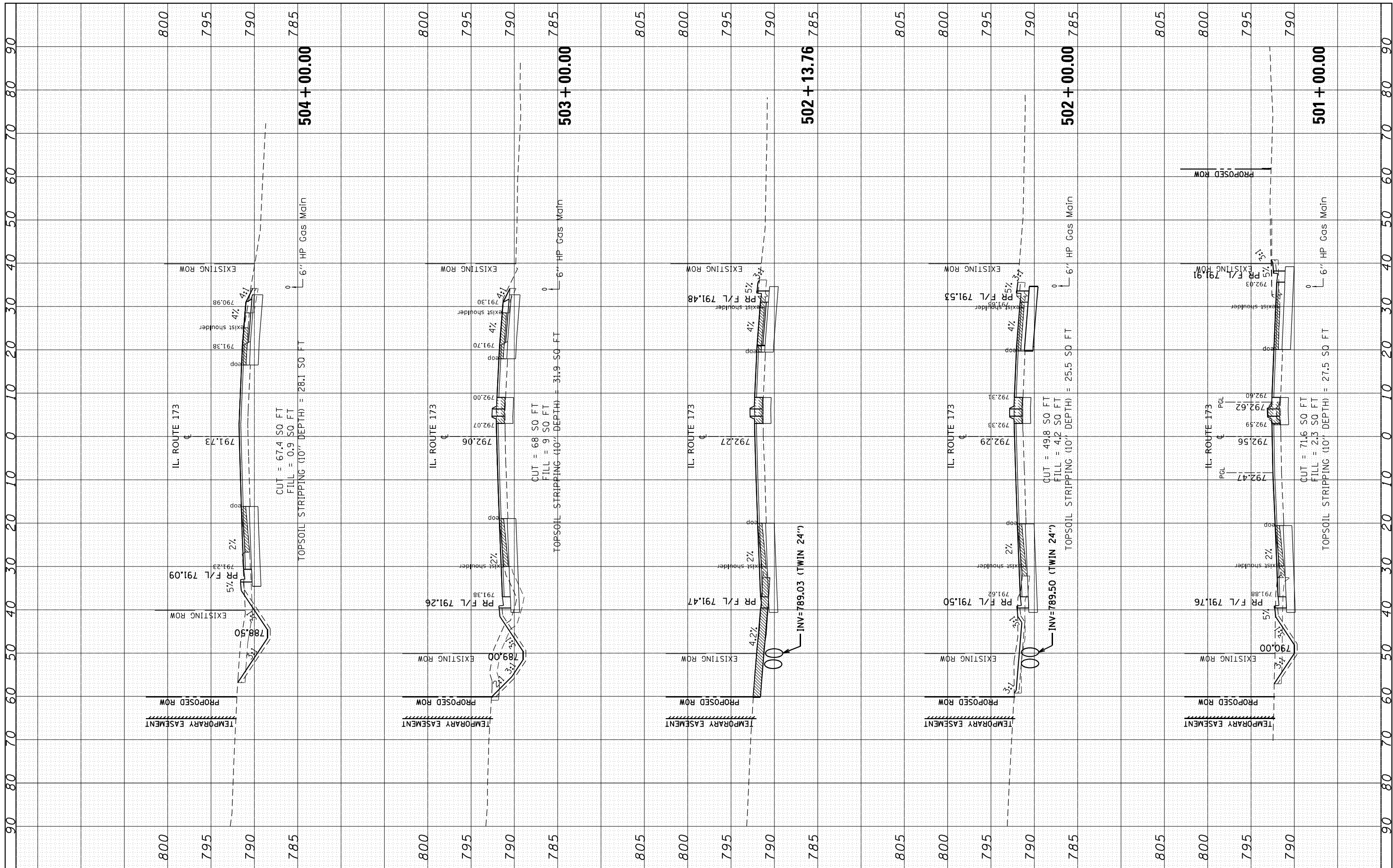
FINL	SURVEYED	BY	DATE
SURVLY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS	CHECKED	

ORIGINAL	SURVEYED	BY	DATE
SURVLY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS	CHECKED	



FILE NAME =	USER NAME = Velichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS U.S. ROUTE 45 AT IL. ROUTE 173				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom.dot\illinois.gov\PI69209\CADD\DRAWN\PI69292-sht-xssht-IL173.dgn												344	(39 & 41) N-3	LAKE	107	102
PLOT SCALE = 20.0000' / in.	CHECKED -											CONTRACT NO. 60T11				
PLOT DATE = 3/5/2021	DATE -											ILLINOIS FED. AID PROJECT				
Default				SCALE:				SHEET	OF	SHEETS	STA. 489+00.00	TO STA. 493+00.00				

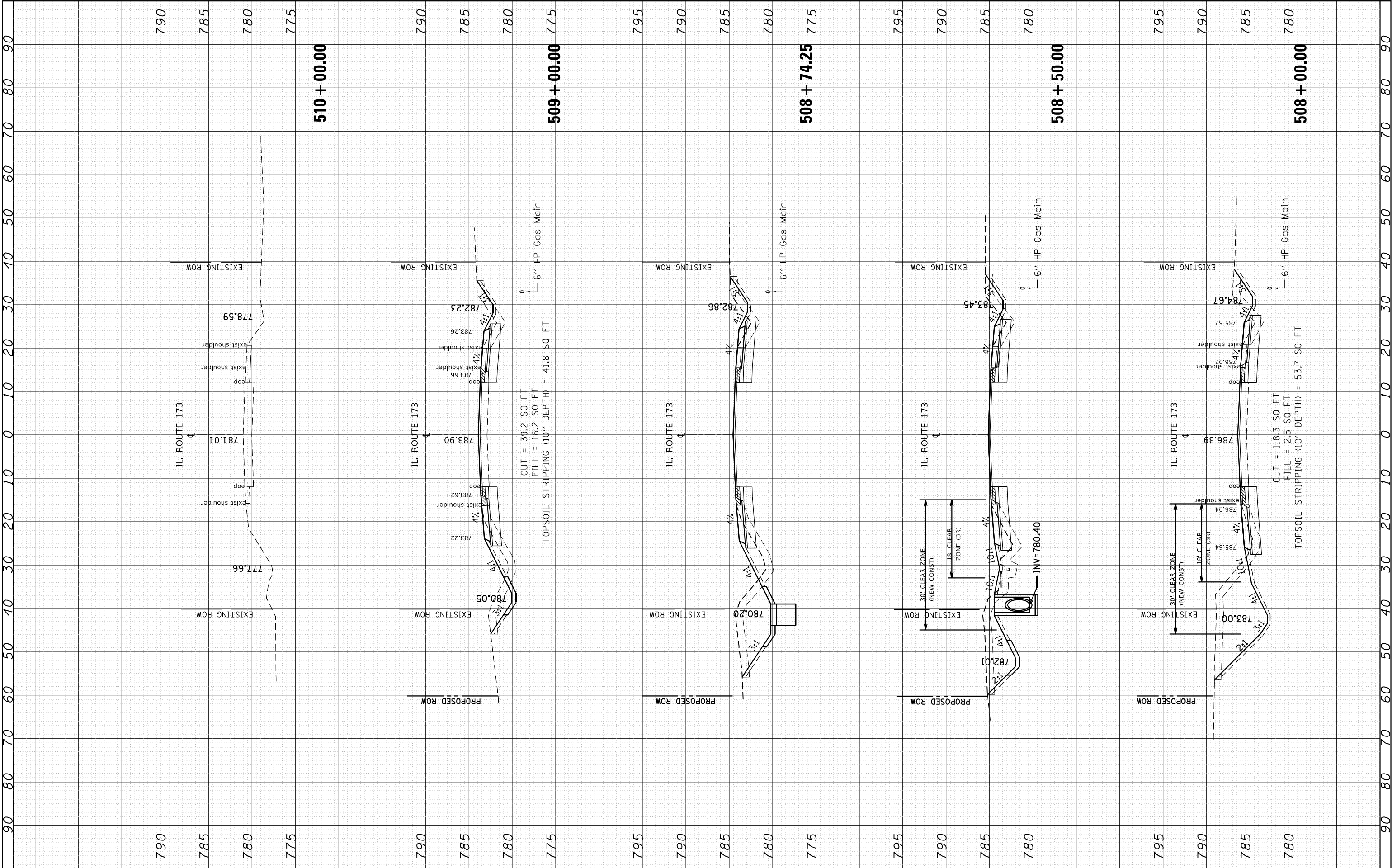
FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

[illegible]

FILE NAME =	USER NAME = Velichkovvv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom.dot\illinois.gov\PI100T\Documents\DOT Offices\District 1\Projects\PI69209\CAOD\DRAWING\PI69292-sht-xsstt-IL173.dgn		REVISED -	REVISED -		U.S. ROUTE 45 AT IL. ROUTE 173				344	(39 & 41) N-3	LAKE	107	105
PLOT SCALE = 20.0000 ' / in.		CHECKED -			CONTRACT NO. 60T11								
Default	PLOT DATE = 3/5/2021	DATE -	REVISED -										
				SCALE:	SHEET	OF	SHEETS	STA. 501+00.00	TO STA. 504+00.00				

FINL SURVLY	SURVEYED PLOTTE NOTE BOOK	BY	DATE

ORIGINAL SURVEY	SURVEYED PLOTTE NOTE BOOK	BY	DATE



FILE NAME =	USER NAME = Velichkovv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom.dot\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\PI69209\CADD\DRAWN\PI69209-2-shr-xssht-IL173.dgn		REVISED -	REVISED -		U.S. ROUTE 45 AT IL. ROUTE 173				344	(39 & 41) N-3	LAKE	107	107
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 60T11				
Default	PLOT DATE = 3/5/2021	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. 508+00.00 TO STA.510+00.00				ILLINOIS FED. AID PROJECT				