F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	1
	ILLINOIS	CONTRACT NO. 61H98		

01-19-2024 LETTING ITEM 149

FOR INDEX OF SHEETS SEE SHEET 2

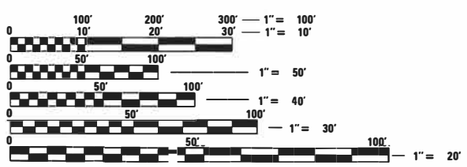
FOR LIST OF APPLICABLE HIGHWAY STANDARDS SEE SHEET 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED FEDERAL AID HIGHWAY
FAP 351 (ILLINOIS ROUTE 7 (E. 9TH STREET))
LINCOLN STREET TO SUMMIT DRIVE
WIDENING & RESURFACING
SECTION 18–00084–00–WR
PROJECT NO: QJVK(783)
CITY OF LOCKPORT
WILL COUNTY
JOB NO: C–91–078–21

LOCATION OF SECTION INDICATED THUS:–

TRAFFIC DATA

IL ROUTE 7
DESIGN DESIGNATION: OTHER PRINCIPAL ARTERIAL
POSTED SPEED = 35 MPH
ADT = 13,300 (2021, NORTH OF 7TH STREET)
ADT = 14,600 (2021, SOUTH OF 7TH STREET)



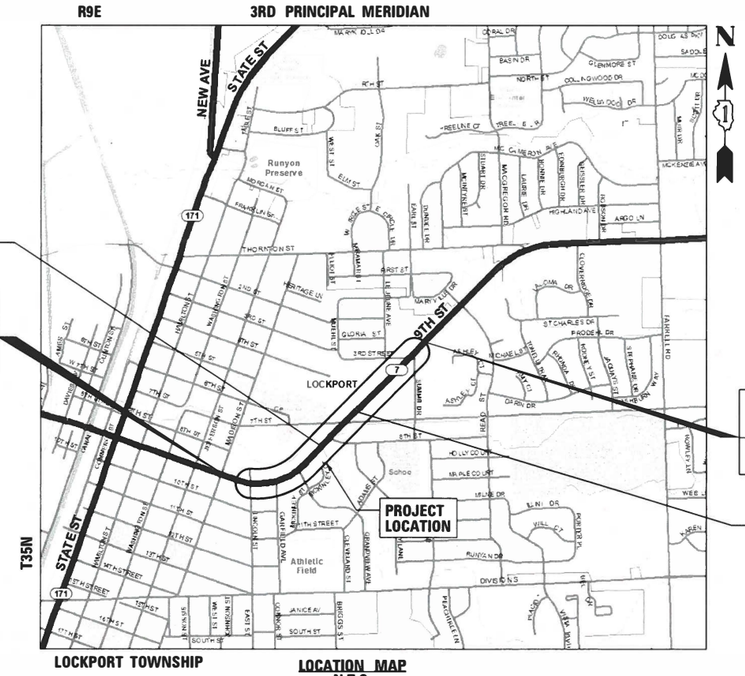
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

R9E 3RD PRINCIPAL MERIDIAN

S.N. 099–0273

PROJECT IL RTE 7
BEGIN IMPROVEMENT
STA 29+65.21



PROJECT IL RTE 7
END IMPROVEMENT
STA 70+16.49

S.N. 099–0432

LOCKPORT TOWNSHIP

LOCATION MAP
N.T.S.

GROSS LENGTH = 4,051.28 FT = 0.77 MILE
NET LENGTH = 4,051.28 FT = 0.77 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED JULY 28, 2023
CITY OF LOCKPORT MAYOR

PASSED AUGUST 29, 2023
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW AUGUST 29, 2023
REGIONAL ENGINEER

EDMUND BURKE 062-072858 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
ENGINEER 8/4/2023 DATE
EDMUND BURKE, PE
ILLINOIS REGISTRATION No. 062-072858
EXPIRATION DATE: 11/2023

ELIZABETH A. JENSEN 062-067808 LICENSED PROFESSIONAL ENGINEER STATE OF ILLINOIS
ENGINEER 8/4/2023 DATE
ELIZABETH JENSEN, PE, PTOE
ILLINOIS REGISTRATION No. 062-067808
EXPIRATION DATE: 11/2023

ALEX J. SCHAEFER 062-071146 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
ENGINEER 8/4/2023 DATE
ALEX SCHAEFER, PE
ILLINOIS REGISTRATION No. 062-071146
EXPIRATION DATE: 11/2023

CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850
PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/25

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 61H98

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, PE, SCHAMBURG, IL

FILE NAME = CVR_170491_01.sht

INDEX OF SHEETS

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424006-05 – DIAGONAL CURB RAMPS FOR SIDEWALKS

424011-04 – CORNER PARALLEL CURB RAMPS FOR SIDEWALKS

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604086-05 – FRAME AND GRATE TYPE 23

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630001-13 – STEEL PLATE BEAM GUARDRAIL

630301-09 – SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS

631011-10 – TRAFFIC BARRIER TERMINAL, TYPE 2

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HIGHWAY STANDARDS (CONT.)

701311-03 – LANE CLOSURE 2L, 2W MOVING OPERATIONS – DAY ONLY

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880001-01 – SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

880006-01 – TRAFFIC SIGNAL MOUNTING DETAILS

886001-01 – DETECTOR LOOP INSTALLATIONS

886006-01 – TYPICAL LAYOUTS FOR DETECTION LOOPS

COMMITMENTS

1. TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH OCTOBER 31ST OF ANY GIVEN YEAR.

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2023; THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD) 2009, REVISION 3; THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD) (REVISION 3, NOVEMBER 2021), AND "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" (8TH EDITION, ADOPTED 2020); CITY OF LOCKPORT STANDARD DETAILS AND SPECIFICATIONS; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

2. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARD.

3. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.

UTILITIES

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

5. THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE CITY AND ENGINEER DO NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

6. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 8-1-1 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES (48 HOURS NOTIFICATIONS IS REQUIRED). THE CONTRACTOR SHALL CONTACT IDOT'S BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 24 HOURS BEFORE PLACING HOT MIX ASPHALT OR PORTLAND CEMENT CONCRETE.

STAKING

7. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE ENGINEER, ITS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

WATER FOR CONSTRUCTION PURPOSES

8. THE CONTRACTOR CAN OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NO "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. THE CONTRACTOR MAY OBTAIN WATER ONLY UNDER THE DIRECTION OF THE LOCKPORT PUBLIC WORKS DEPARTMENT AT THE TIME OF CONSTRUCTION. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CITY RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF CITY WATER IF DEEMED NECESSARY.

MISCELLANEOUS

9. DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

10. ALL SAWCUTTING SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL.

11. LOCATIONS FOR PAVEMENT PATCHING WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

12. WHEN REMOVING PAVEMENT, CURB AND GUTTER, SHOULDER, AND/OR OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS, WHICH MIGHT DAMAGE UNDERGROUND PUBLIC OR PRIVATE UTILITIES, WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED. THE CONTRACTOR IS PROHIBITED FROM BREAKING UP CONCRETE BY DROPPING IT ON THE PAVEMENT OR IN ANY OTHER MANNER WHICH MAY DAMAGE EXISTING OR PROPOSED PAVEMENTS OR OTHER ROADWAY APPURTENANCES.

13. THE ENGINEER SHALL CONTACT ERIC CAMPOS, IDOT'S AREA TRAFFIC FIELD ENGINEER, VIA EMAIL AT ERIC.CAMPOS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

14. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

15. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOB SITE. NO WORK IS TO BE PERFORMED, OTHER THAN ROOT PRUNING, MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE TREE PROTECTION ZONE AND WETLAND PROTECTION ZONE. REMOVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

16. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR.

17. DURING THE CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION.

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

19. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

20. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER.

21. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS AND IDOT STANDARD 601001-05. TOP OF PIPE UNDERDRAIN SHALL BE PLACED A MINIMUM OF 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER.

22. TRENCH BACKFILL SHALL BE USED TO BACKFILL ALL TRENCHES WHERE THE EDGE OF THE TRENCH IS WITHIN 5 FEET OF THE PROPOSED EDGE OF PAVEMENT, CURB, CURB AND GUTTER OR SIDEWALK.

23. THIS PROJECT WILL REQUIRE AUTHORIZATION FROM THE U.S. ARMY CORPS OF ENGINEERS (USACE) SECTION 404 PERMIT, AN ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) NPDES PERMIT AND AN IEPA WATER MAIN CONSTRUCTION PERMIT. ALL PERMITS LISTED WILL BE SECURED BY THE LOCAL AGENCY.

24. COORDINATION WITH PACE SHALL BE NECESSARY BEFORE REMOVING ANY STOPS DURING THE MAINTENANCE OF TRAFFIC. CONTACT PACE'S TRANSPORTATION ENGINEER AT 847-228-3584 A MINIMUM OF 10 DAYS PRIOR TO CLOSING ANY BUS STOPS.

25. PRIOR TO EXCAVATION AND/OR CONSTRUCTION WITHIN TEMPORARY EASEMENT 1NW0001TE AT 600 E. 9TH STREET (IL ROUTE 7), THE CONTRACTOR SHALL HAVE AN OSHA-COMPLIANT SAFETY PLAN IN PLACE AND SHOULD ADDRESS POSSIBLE WORKER EXPOSURE TO CONTAMINATED SUBSTANCES. SOIL EXCAVATED FROM BELOW THE ENGINEERED BARRIERS MUST BE RETURNED TO THE SAME DEPTH FROM WHICH IT WAS EXCAVATED OR PROPERLY MANAGED OR DISPOSED.

26. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07. REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN

27. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRAGE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

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

29. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE HAUL OFF OF NON-SPECIAL WASTE. WHENEVER POSSIBLE, THE CONTRACTOR SHALL UTILIZE SOIL ONSITE THAT MEETS THE REQUIREMENTS FOR REUSE WITHIN THE RIGHT-OF-WAY, BUT DOES NOT MEET THE REQUIREMENTS FOR DISPOSAL AT A CCDD FACILITY OR USFO IN ACCORDANCE WITH SECTION 669.05 OF THE STANDARD SPECIFICATIONS. THIS EFFORT MAY INCLUDE ADDITIONAL MOVEMENT OF EXCAVATED MATERIALS ONSITE AS NECESSARY TO LIMIT NON-SPECIAL WASTE DISPOSAL.

WATER MAIN

30. FOR WATER MAIN SHUT OFFS, THE CONTRACTOR SHALL GIVE THE CITY A MINIMUM OF 48 HOURS NOTICE TO THE PUBLIC WORKS DEPARTMENT (815-838-0549). THE CITY SHALL PROVIDE NOTIFICATION FORMS AND DETERMINE THE LIMIT OF THE AFFECTED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF THE NOTIFICATION FORMS TO ALL AFFECTED RESIDENTS. THERE WILL BE NO SHUT DOWN OF MAINS BETWEEN FRIDAY AT 12 AM THROUGH MONDAY AT 7 AM OR ON OBSERVED HOLIDAYS.

31. THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE CITY PUBLIC WORKS DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

32. WATER MAIN SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5.5' BELOW FINISHED GRADE AND NO DEEPER THAN 8' FROM FINISHED GRADE UNLESS SHOWED ON THE PLANS OR WITH WRITTEN APPROVAL FROM THE CITY'S PUBLIC WORKS DEPARTMENT.

33. ALL EXISTING WATER MAIN TO BE TAKEN OUT OF SERVICE AFTER ACCEPTANCE OF NEW WATER MAIN SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE DIRECTED BY THE CITY. ALL ABANDONED WATER MAIN SHALL BE CAPPED OR PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FEET OF NON-SHRINK CONCRETE/MORTAR PLUGS. AT LOCATIONS WHERE THE WATER MAIN TO BE ABANDONED LIES BENEATH ROADWAY PAVEMENT, THE PIPE SHALL BE FILLED WITH FLOWABLE FILL AND CAPPED AT BOTH ENDS.

34. WATER MAIN FITTINGS (I.E. BENDS, ELBOWS, TEES, REDUCERS, CUT IN SLEEVES, ETC.) MAY NOT BE SPECIFICALLY REFERENCED ON THE PLANS, HOWEVER, THEY ARE TO BE CONSIDERED INCIDENTAL AND INCLUDED IN THE LINEAR FOOTAGE COST OF THE WATER MAIN.

IEPA WATER MAIN PROTECTION NOTES

HORIZONTAL SEPARATION

35. WATER MAINS SHALL BE LAID AT LEAST TEN (10'-0") FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN. STORM SEWER, SANITARY SEWER, OR SEWER SERVICES CONNECTION.

36. WATER MAINS MAY BE LAID CLOSER THAN TEN (10'-0") FEET TO A SEWER LINE WHEN:

    A. LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN (10'-0") FEET;
    B. THE WATER MAIN INVERT IS AT LEAST EIGHTEEN (18") ABOVE THE CROWN OF THE SEWER; AND
    C. THE WATER MAIN IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER.

37. BOTH THE WATER MAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED WITH PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN IT IS IMPOSSIBLE TO MEET 30 OR 31 ABOVE. THE DRAIN OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING.

VERTICAL SEPARATION

38. A WATER MAIN SHALL BE LAID SO THAT ITS INVERT IS EIGHTEEN (18") INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS, OR SEWER SERVICE CONNECTIONS. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN TEN (10'-0") FEET HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. A LENGTH OF WATER MAIN PIPE SHALL BE ENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANCE FROM THE SEWER OR DRAIN.

39. BOTH THE WATER MAINS AND SEWER SHALL BE CONSTRUCTED WITH SEWER PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN:

    A. IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN 33 ABOVE; OR
    B. THE WATER MAIN PASSES UNDER A SEWER OR DRAIN.

40. A VERTICAL SEPARATION OF EIGHTEEN (18") INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE A WATERMAIN CROSSES UNDER A SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING THE WATER MAIN.

41. CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATERMAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN (10'-0") FEET.

42. FOR SEWER AND WATER MAIN CROSSINGS, REINFORCED CONCRETE PIPE WITH RUBBER GASKETS MEETING ASTM C-443 SHALL BE ALLOWED.

	FUNDING SOURCE				STU			ERP,SRF	NON-PARTICIPATING
					80% FED 20% LOCAL			100% STATE	100% LOCAL
	CONSTRUCTION TYPE CODE				0004	0021	42	0004	0043
	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
~	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12				
	20101000	TEMPORARY FENCE	FOOT	450					450
~	20101100	TREE TRUNK PROTECTION	EACH	13	13				
~	20101200	TREE ROOT PRUNING	EACH	13	13				
	20200100	EARTH EXCAVATION	CU YD	5866	5866				
	20200200	ROCK EXCAVATION	CU YD	400					400
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4830	4260				570
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	130	130				
	20800150	TRENCH BACKFILL	CU YD	4521	1445				3076
	20900110	POROUS GRANULAR BACKFILL	CU YD	660	499			161	
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3156	3156				
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	11183	8620				2563
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	198	166				32
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	198	166				32
	25100630	EROSION CONTROL BLANKET	SQ YD	291	291				
	25200110	SODDING, SALT TOLERANT	SQ YD	11183	8620				2563
	25200200	SUPPLEMENTAL WATERING	UNIT	169	130				39
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	700	700				
	28000305	TEMPORARY DITCH CHECKS	FOOT	80	80				

~ INDICATES SPECIALTY ITEM

				STU			ERP,SRF	NON-PARTICIPATING
FUNDING SOURCE				80% FED 20% LOCAL			100% STATE	100% LOCAL
CONSTRUCTION TYPE CODE				0004	0021	42	0004	0043
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
28000400	PERIMETER EROSION BARRIER	FOOT	555	555				
28000500	INLET AND PIPE PROTECTION	EACH	7	7				
28000510	INLET FILTERS	EACH	125	125				
28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	18	18				
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1778	1778				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	11705	11705				
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	4820	4473				347
35101598	AGGREGATE BASE COURSE, TYPE B 3"	SQ YD	102	62				40
35101700	AGGREGATE BASE COURSE, TYPE B 5"	SQ YD	2172	2087				85
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	211	194				17
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	313	313				
35501310	HOT-MIX ASPHALT BASE COURSE, 6 1/2"	SQ YD	7144	7144				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	782	782				
35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	542	542				
35800100	PREPARATION OF BASE	SQ YD	7935	7935				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12809	12809				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	15	15				
40600370	LONGITUDINAL JOINT SEALANT	FOOT	12650	12650				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	117	117				

~ INDICATES SPECIALTY ITEM

FUNDING SOURCE				STU			ERP,SRF	NON-PARTICIPATING
				80% FED 20% LOCAL			100% STATE	100% LOCAL
CONSTRUCTION TYPE CODE				0004	0021	42	0004	0043
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	667	667				
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	948	948				
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	2482	2482				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	102	62				40
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	2320	2235				85
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	22465	19305				3160
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	4430	4260				170
42400800	DETECTABLE WARNINGS	SQ FT	292	292				
44000100	PAVEMENT REMOVAL	SQ YD	7935	7935				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2930	2774				156
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6038	5830				208
44000600	SIDEWALK REMOVAL	SQ FT	25473	22313				3160
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	308	308				
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	308	308				
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	308	308				
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	3287	1192				2095
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	70	70				
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1				
50105220	PIPE CULVERT REMOVAL	FOOT	245	245				

~ INDICATES SPECIALTY ITEM

		FUNDING SOURCE			STU			ERP,SRF	NON-PARTICIPATING
					80% FED 20% LOCAL			100% STATE	100% LOCAL
		CONSTRUCTION TYPE CODE			0004	0021	42	0004	0043
	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
	50200100	STRUCTURE EXCAVATION	CU YD	1070	639			431	
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	130	104			26	
	50300225	CONCRETE STRUCTURES	CU YD	11	11				
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1610				1610	
	54010505	PRECAST CONCRETE BOX CULVERTS 5' X 5'	FOOT	84				84	
	54010704	PRECAST CONCRETE BOX CULVERTS 7' X 4'	FOOT	520	520				
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1				
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1				
	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	601	583				18
	550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	100	100				
	550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	25	25				
	550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	190	190				
	550A2440	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 60"	FOOT	16	16				
	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	444	444				
	550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	590	590				
	550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	154	134				20
	550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	425	425				
	550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	10	10				
	55100200	STORM SEWER REMOVAL 6"	FOOT	17	2				15

~ INDICATES SPECIALTY ITEM

	FUNDING SOURCE				STU			ERP,SRF	NON-PARTICIPATING
					80% FED 20% LOCAL			100% STATE	100% LOCAL
	CONSTRUCTION TYPE CODE				0004	0021	42	0004	0043
	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
	55100300	STORM SEWER REMOVAL 8"	FOOT	24	24				
	55100400	STORM SEWER REMOVAL 10"	FOOT	58	9				49
	55100500	STORM SEWER REMOVAL 12"	FOOT	52	27				25
	55100700	STORM SEWER REMOVAL 15"	FOOT	552	552				
	55100900	STORM SEWER REMOVAL 18"	FOOT	580	405				175
~	56102900	DUCTILE IRON WATER MAIN 4"	FOOT	18					18
~	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	108					108
~	56103100	DUCTILE IRON WATER MAIN 8"	FOOT	1080					1080
~	56103300	DUCTILE IRON WATER MAIN 12"	FOOT	3924					3924
~	56104800	WATER VALVES 4"	EACH	1					1
~	56105000	WATER VALVES 8"	EACH	5					5
~	56105200	WATER VALVES 12"	EACH	11					11
~	56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	115					115
~	56300300	ADJUSTING WATER SERVICE LINES	FOOT	1					1
~	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	5					5
~	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	11					11
~	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	7	7				
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	3500	3500				
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1					1

~ INDICATES SPECIALTY ITEM

	FUNDING SOURCE				STU			ERP,SRF	NON-PARTICIPATING
					80% FED 20% LOCAL			100% STATE	100% LOCAL
	CONSTRUCTION TYPE CODE				0004	0021	42	0004	0043
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY		ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1						1
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	13		13				
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	6		5				1
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	12		12				
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		3				
60204005	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1						1
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2		2				
60205010	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	3		3				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13		12				1
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		4				
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		4				
60224035	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1		1				
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	2		2				
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	33		33				
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1						1
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6						6
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10						10
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1		1				
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2		2				

~ INDICATES SPECIALTY ITEM

	FUNDING SOURCE				STU			ERP,SRF	NON-PARTICIPATING
					80% FED 20% LOCAL			100% STATE	100% LOCAL
	CONSTRUCTION TYPE CODE				0004	0021	42	0004	0043
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY		ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
60251520	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11V FRAME AND GRATE	EACH	1		1				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1		1				
60255500	MANHOLES TO BE ADJUSTED	EACH	1		1				
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4		4				
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1		1				
60260100	INLETS TO BE ADJUSTED	EACH	2		2				
60261320	INLETS TO BE ADJUSTED WITH NEW TYPE 11V FRAME AND GRATE	EACH	1		1				
60261510	INLETS TO BE ADJUSTED WITH NEW TYPE 20 FRAME AND GRATE	EACH	2		2				
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4		4				
60266600	VALVE BOXES TO BE ADJUSTED	EACH	4		4				
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1		1				
60500040	REMOVING MANHOLES	EACH	7		7				
60500050	REMOVING CATCH BASINS	EACH	7		7				
60500060	REMOVING INLETS	EACH	12		11				1
60600605	CONCRETE CURB, TYPE B	FOOT	811		811				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2903		2695				208
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	50		50				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	7070		7070				
~ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	113		113				

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	CONSTRUCTION TYPE CODE				0004	0021	42	0004	0043
	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
~	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1				
~	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1				
	63200310	GUARDRAIL REMOVAL	FOOT	594	594				
~	63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	75	75				
~	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	8575	8325			250	
~	66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5				
~	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
~	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
~	66901005	ENGINEERED BARRIER	SQ YD	140	140				
~	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	170	170				
~	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	15	15				
	67100100	MOBILIZATION	L SUM	1	1				
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1800	1800				
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	3060	3060				
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	340	340				
	70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	340	340				
	70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	12673	12673				
	70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	1194	1194				
	70303140	TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE	FOOT	315	315				
	70303160	TEMPORARY PAVEMENT MARKING - LINE 12" - MODIFIED URETHANE	FOOT	1642	1642				

~ INDICATES SPECIALTY ITEM

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					80% FED 20% LOCAL			100% STATE	100% LOCAL
		CONSTRUCTION TYPE CODE			0004	0021	42	0004	0043
	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
	70303210	TEMPORARY PAVEMENT MARKING - LINE 24" - MODIFIED URETHANE	FOOT	241	241				
	70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	258	258				
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	35640	35640				
	70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	4097	4097				
	70307160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	FOOT	638	638				
	70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	567	567				
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	325	175				150
	70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	150	150				
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	650	350				300
	70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	2				2
	70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	8	4				4
~	72000100	SIGN PANEL - TYPE 1	SQ FT	91	80	11			
~	72000200	SIGN PANEL - TYPE 2	SQ FT	23		23			
~	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1				
~	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1				
~	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	248	248				
~	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	340	340				
~	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12673	12673				
~	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1194	1194				

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	FUNDING SOURCE				STU 80% FED 20% LOCAL			ERP,SRF 100% STATE	NON-PARTICIPATING 100% LOCAL
	CONSTRUCTION TYPE CODE				0004	0021	42	0005	0004
	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
~	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	315	315				
~	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1642	1642				
~	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	241	241				
~	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	230	230				
~	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	185	185				
~	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	19570	19570				
~	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1029		1029			
~	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	177		177			
~	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	536		536			
~	81400100	HANDHOLE	EACH	5		5			
~	81400200	HEAVY-DUTY HANDHOLE	EACH	2		2			
~	81400300	DOUBLE HANDHOLE	EACH	2		2			
~	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1551		1551			
~	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1896		1896			
~	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1509		1509			
~	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2031		2031			
~	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1238		1238			
~	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	253		253			
~	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1348		1348			
~	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4		4			

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		CONSTRUCTION TYPE CODE			0004	0021	42	0005	0004
	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
~	87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1		1			
~	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		1			
~	87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1		1			
~	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1			
~	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20		20			
~	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4			
~	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	27		27			
~	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	28		28			
~	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4		4			
~	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3		3			
~	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5		5			
~	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5		5			
~	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8			
~	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	9		9			
~	88500100	INDUCTIVE LOOP DETECTOR	EACH	5		5			
~	88600100	DETECTOR LOOP, TYPE I	FOOT	298		298			
~	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			

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	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
~	89502380	REMOVE EXISTING HANDHOLE	EACH	8		8			
~	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1			
~	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		9			
~	A2000090	TREE, ACER X FREEMANII ARMSTRONG (ARMSTRONG FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	1	1				
	LR443200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	6965	6965				
	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	6	6				
~	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	289		289			
~	X0324636	WATER VALVE BOXES TO BE ABANDONED	EACH	7					7
	X0326806	WASHOUT BASIN	L SUM	1	1				
~	X0327367	STEEL CASING PIPE, BORED AND JACKED, 24"	FOOT	84					84
	X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	680	563			117	
~	X1200015	VALVE VAULTS TO BE ABANDONED	EACH	5					5
	X1200087	JUNCTION CHAMBER NO. 1	EACH	1	1				
	X1200214	JUNCTION CHAMBER NO. 2	EACH	1				1	
	X1200254	JUNCTION CHAMBER NO. 3	EACH	1				1	
~	X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1		1			
~	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1			
~	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4		4			
~	X1400388	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2		2			
~	X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	0.06	0.06				

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	CONSTRUCTION TYPE CODE				0004	0021	42	0005	0004
	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4	4				
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	30	30				
	X4023000	TEMPORARY ACCESS (ROAD)	EACH	21	21				
	X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	1658	1658				
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	13972	13972				
	X4420210	TEMPORARY PATCHING	SQ YD	4030	1530				2500
	X5427602	REMOVE EXISTING FLARED END SECTION	EACH	2	2				
	X5510011	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	4	4				
	X5510310	SANITARY SEWER REMOVAL 10"	FOOT	448	448				
~	X5610706	WATER MAIN REMOVAL, 6"	FOOT	242					242
~	X5610708	WATER MAIN REMOVAL, 8"	FOOT	87					87
~	X5630704	CONNECTION TO EXISTING WATER MAIN 4"	EACH	1					1
~	X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	1					1
~	X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	7					7
~	X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	2					2
	X6020091	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE, RESTRICTOR PLATE	EACH	1	1				
	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1				
	X6020502	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 22 FRAME AND GRATE (SPECIAL)	EACH	5	5				
~	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3				
~	X6022820	MANHOLES, SANITARY, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				

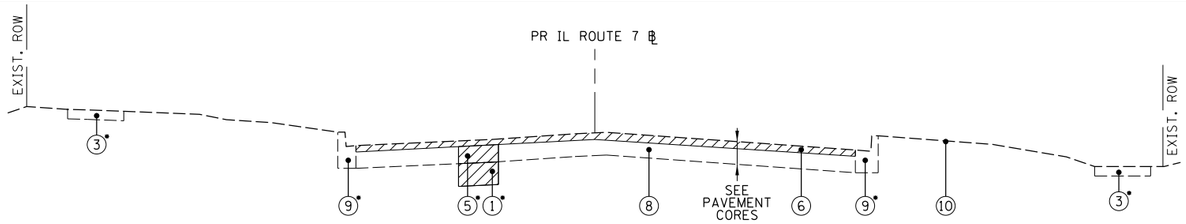
~ INDICATES SPECIALTY ITEM

	FUNDING SOURCE				STU			ERP,SRF	NON-PARTICIPATING
					80% FED 20% LOCAL			100% STATE	100% LOCAL
	CONSTRUCTION TYPE CODE				0004	0021	42	0005	0004
	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
	X6025604	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	22	22				
~	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	13	13				
~	X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	2	2				
~	X6026640	PRESSURE REDUCING VALVE VAULT	EACH	1					1
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	15	15				
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.8				0.2
~	X7240205	REMOVE SIGN COMPLETE	EACH	10	10				
~	X7240505	RELOCATE SIGN PANEL AND POST	EACH	17	17				
~	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1			
~	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8		8			
~	X8809005	LED SIGNAL FACE, LENS COVER	EACH	17		17			
~	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16		16			
~	XX004101	ORNAMENTAL METAL FENCE	FOOT	75	75				
~	XX005206	EXPLORATORY EXCAVATION	FOOT	170	50	20			100
~	XX006111	WATER SERVICE RECONNECTION, WITH NEW BUFFALO BOX, LONG SIDE 1"(MINIMUM)	EACH	4					4
~	XX006112	WATER SERVICE RECONNECTION, WITH NEW BUFFALO BOX, SHORT SIDE 1"(MINIMUM)	EACH	13					13
	XX007022	INLETS ABANDONED, SPECIAL	EACH	6	6				
	XX007759	ADJUST SANITARY SEWER CLEANOUT	EACH	1	1				
	XX008130	DRAINAGE STRUCTURES TO BE CLEANED AND GROUTED	EACH	2	2				
	Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	80	80				

~ INDICATES SPECIALTY ITEM

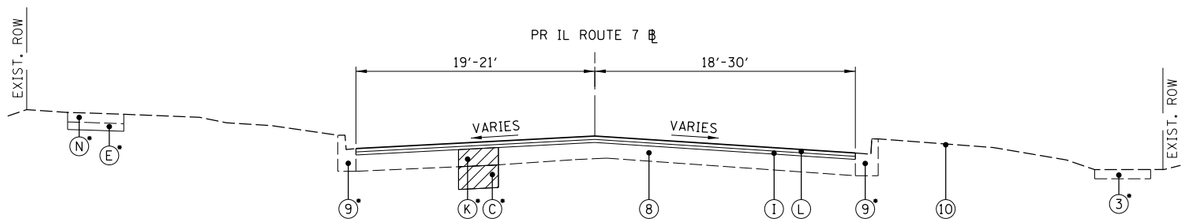
	FUNDING SOURCE				STU			ERP,SRF	NON-PARTICIPATING
					80% FED 20% LOCAL			100% STATE	100% LOCAL
	CONSTRUCTION TYPE CODE				0004	0021	42	0005	0004
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY		ROADWAY	TRAFFIC SIGNALS, LIGHTING	TRAINEES	ROADWAY	ROADWAY
Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	213		208				5
Z0007430	TEMPORARY SIDEWALK	SQ FT	800		800				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		0.8				0.2
Z0019600	DUST CONTROL WATERING	UNIT	20		20				
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	427		427				
Z0056606	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	49						49
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	370		336				34
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	156		156				
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	808		653				155
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	404		404				
Z0056631	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 24 INCH	FOOT	158		158				
Z0056642	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 6"	FOOT	15						15
~ Z0057000	SANITARY SEWER 10"	FOOT	443		443				
Z0062456	TEMPORARY PAVEMENT	SQ YD	1658		1658				
~ Z0067500	STEEL CASINGS 16"	FOOT	27						27
~ Z0067900	STEEL CASINGS 24"	FOOT	35						35
~ Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1			1			
Z0076600	TRAINEES	HOUR	1500				1500		
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500				1500		

~ INDICATES SPECIALTY ITEM



EXISTING TYPICAL SECTION

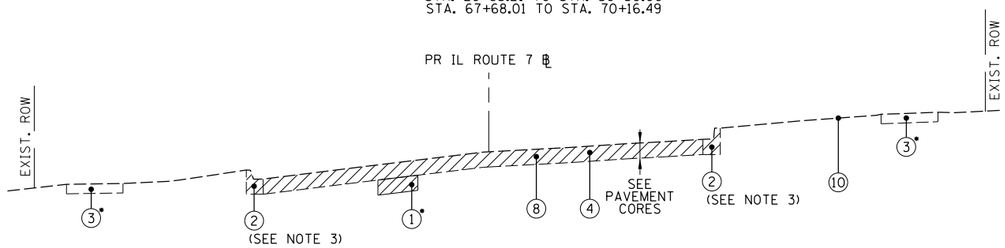
IL ROUTE 7
STA. 29+65.21 TO STA. 30+50.00
STA. 67+68.01 TO STA. 70+16.49



(SEE NOTE 5)

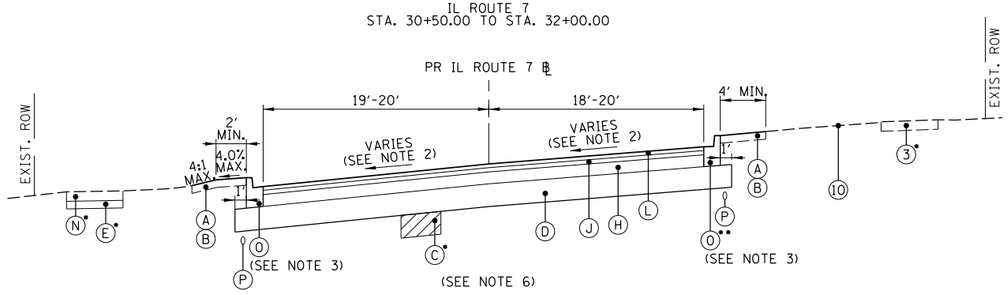
PROPOSED TYPICAL SECTION

IL ROUTE 7
STA. 29+65.21 TO STA. 30+50.00
STA. 67+68.01 TO STA. 70+16.49



EXISTING TYPICAL SECTION

IL ROUTE 7
STA. 30+50.00 TO STA. 32+00.00



PROPOSED TYPICAL SECTION

IL ROUTE 7
STA. 30+50.00 TO STA. 32+00.00

NOTES:

1. LOCATIONS OF EXISTING CURB AND AGGREGATE SHOULDER VARY THROUGHOUT THE PROJECT LIMITS AND TYPICAL SECTIONS MAY NOT BE FULLY REPRESENTATIVE OF EXISTING CONDITIONS WITHIN THE NOTED STATION RANGES. SEE REMOVAL AND ROADWAY PLANS FOR MORE DETAIL.
2. THE PAVEMENT CROSS-SLOPE FROM STATION 30+50 TO 31+40 SHALL TRANSITION FROM THE EXISTING PAVEMENT SLOPE AT STATION 30+50 TO FULL 6.0% SUPER ELEVATION AT STATION 31+40. SEE CROSS SECTIONS FOR MORE DETAILS.
3. EXISTING CURB AND GUTTER FROM SHALL REMAIN IN PLACE FROM STATION 30+50 TO 31+00 UNLESS OTHERWISE DIRECTED BY THE ENGINEER. CURB AND GUTTER FROM STATION 31+00 TO 32+00 SHALL BE REMOVED AND REPLACED. SEE ROADWAY PLAN AND PROFILE SHEETS FOR MORE DETAILS.
4. PIPE UNDERDRAINS SHALL BE INSTALLED 6" BEHIND THE BACK OF PROPOSED CURB AND GUTTER AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
5. FOR RESURACING AREAS, THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BINDER COURSE, IL-4.75, N50.
6. FOR RECONSTRUCTION AREAS, THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER AND OVER THE POLYMERIZED HMA BINDER COURSE, IL-19.0, N90.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ NDES	QMP
HOT-MIX ASPHALT RESURFACING & PAVEMENT WIDENING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80; 2"	3.5% @ 80 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), 8" (35501316) (WIDENING GREATER THAN 6')	4% @ 90 GYR.	LR 1030-2
OR		
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0), 8" (35600708) (WIDENING 6' OR LESS)	4% @ 90 GYR.	LR 1030-2
HOT-MIX ASPHALT PAVEMENT (RECONSTRUCTION)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80; 2"	3.5% @ 80 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2-1/4"	4% @ 90 GYR.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), 6-1/2" (35501310)	4% @ 90 GYR.	LR 1030-2
HOT-MIX ASPHALT SHOULDERS, 6"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR.	LR 1030-2
CLASS D PATCHES, 8"		
HOT MIX ASPHALT BINDER COURSE IL-19.0, N70; 8"	4% @ 70 GYR.	LR 1030-2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR.	LR 1030-2
HOT MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0); 6"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT 10"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR.	LR 1030-2
HOT MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0); 8"	4% @ 50 GYR.	LR 1030-2
TEMPORARY PAVEMENT (SEE HMA TABLE NOTE 3)		
OPTION 1: HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"	4% @ 70 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"	4% @ 70 GYR.	LR 1030-2
TEMPORARY PATCHING		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/2"	4% @ 70 GYR.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE PER LR 1030-2		

HMA TABLE NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LB/SQ YD/IN.
2. 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 RECLAIMED MATERIALS SPECIFICAITONS.
3. THE CONTRACTOR SHALL HAVE THE OPTION BETWEEN HMA OR PCC TEMPORARY PAVEMENT. PC CONCRETE PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

EXISTING LEGEND

- • 1 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
- 2 COMBINATION CURB AND GUTTER REMOVAL (44000500)
- • 3 EXISTING SIDEWALK TO REMAIN OR SIDEWALK REMOVAL (44000600)
- 4 PAVEMENT REMOVAL (44000100)
- • 5 CLASS D PATCHES, 8 INCH (TYPES I & II) (44201737,44201741)
- 6 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (X4401198)
- 7 AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION, 20200100)
- 8 EXISTING HMA PAVEMENT (SEE PAVEMENT CORES)
- • 9 EXISTING COMBINATION CURB AND GUTTER TO REMAIN
- 10 EXISTING GROUND

REMOVAL ITEMS

- • AT LOCATIONS AS DIRECTED BY THE ENGINEER
- •• REVERSE-PITCH CURB
- ••• ADJACENT TO PAVEMENT WIDENING

PROPOSED LEGEND

- A TOPSOIL FURNISH AND PLACE, 6" (21101625)
- B SODDING, SALT TOLERANT (25200110)
- • C AGGREGATE SUBGRADE IMPROVEMENT (30300001)
- D AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- E SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- F PORTLAND CEMENT CONCRETE BASE COURSE 8" (35300300) (TO BE USED WHERE DISTANCE BETWEEN PROPOSED CURB & GUTTER AND EXISTING PAVEMENT IS 4' OR LESS)
- G HOT-MIX ASPHALT BASE COURSE, 8" (35501316) (WIDENING GREATER THAN 6') OR HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (35600708) (WIDENING 6' OR LESS)
- H HOT-MIX ASPHALT BASE COURSE, 6-1/2" (35501310)
- I POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4" (40603200)
- J POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2 1/4" (40603240)
- • K CLASS D PATCHES, 8 INCH (TYPES I, II) (44201785,44201789)
- L POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80; 2" (40605026)
- M COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- N PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200)
- O COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- P PIPE UNDERDRAINS, TYPE 2, 4" (60108204)
- Q STRIP REFLECTIVE CRACK CONTROL TREATMENT (44300200)

CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 10'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
TYPICAL SECTIONS

SCALE: 10' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	19
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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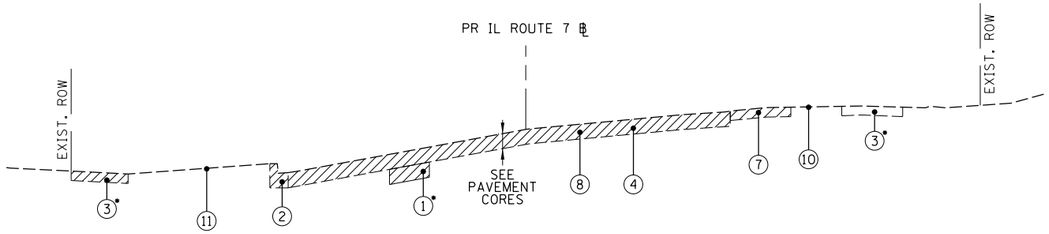
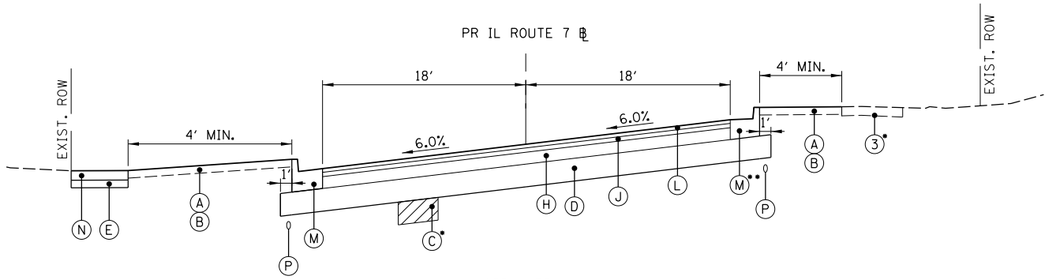


EXISTING TYPICAL SECTION

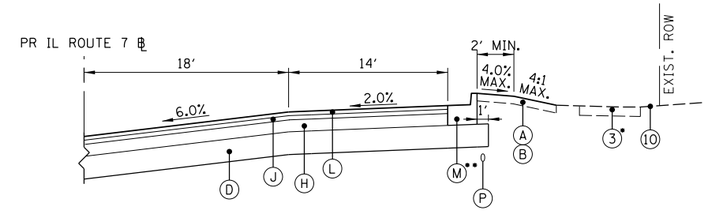
IL ROUTE 7
STA. 32+00.00 TO STA. 45+58.00



(SEE NOTE 4)

PROPOSED TYPICAL SECTION

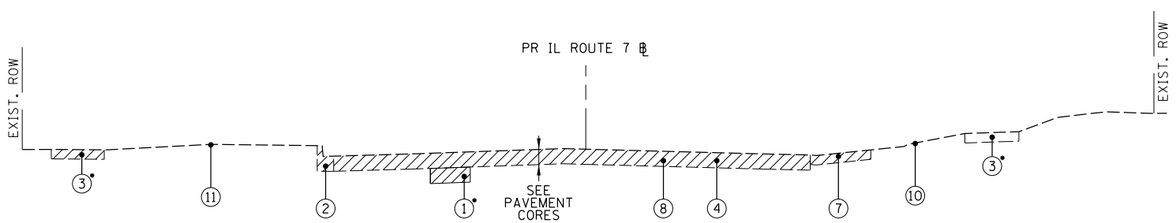
IL ROUTE 7
STA. 32+00.00 TO STA. 40+58.00



(SEE NOTE 4)

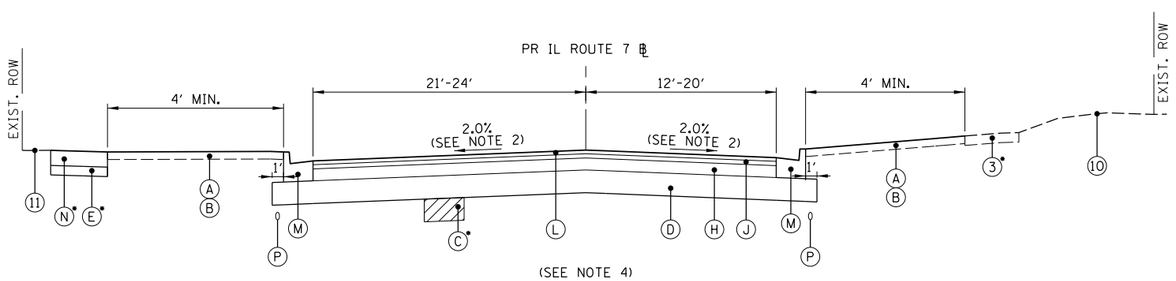
PROPOSED TYPICAL SECTION

IL ROUTE 7 - PACE BUS TURN-OUT
STA. 36+49.36 TO STA. 37+97.36
(SUPERELEVATED SECTION)



EXISTING TYPICAL SECTION

IL ROUTE 7
STA. 40+58.00 TO STA. 45+00.00



(SEE NOTE 4)

PROPOSED TYPICAL SECTION

IL ROUTE 7
STA. 40+58.00 TO STA. 45+00.00

PROPOSED LEGEND

- (A) TOPSOIL FURNISH AND PLACE, 6″ (21101625)
- (B) SODDING, SALT TOLERANT (25200110)
- • (C) AGGREGATE SUBGRADE IMPROVEMENT (30300001)
- (D) AGGREGATE SUBGRADE IMPROVEMENT 12″ (30300112)
- (E) SUBBASE GRANULAR MATERIAL, TYPE B 4″ (31101200)
- (F) PORTLAND CEMENT CONCRETE BASE COURSE 8″ (35300300) (TO BE USED WHERE DISTANCE BETWEEN PROPOSED CURB & GUTTER AND EXISTING PAVEMENT IS 4′ OR LESS)
- (G) HOT-MIX ASPHALT BASE COURSE, 8″ (35501316) (WIDENING GREATER THAN 6′) OR HOT-MIX ASPHALT BASE COURSE WIDENING, 8″ (35600708) (WIDENING 6′ OR LESS)
- (H) HOT-MIX ASPHALT BASE COURSE, 6-1/2″ (35501310)
- (I) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4″ (40603200)
- (J) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2 1/4″ (40603240)
- • (K) CLASS D PATCHES, 8 INCH (TYPES I, II) (44201785,44201789)
- (L) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX ″F″, N80; 2″ (40605026)
- (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- (N) PORTLAND CEMENT CONCRETE SIDEWALK, 5″ (42400200)
- (O) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (P) PIPE UNDERDRAINS, TYPE 2, 4″ (60108204)
- (Q) STRIP REFLECTIVE CRACK CONTROL TREATMENT (44300200)

EXISTING LEGEND

- • (1) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
- (2) COMBINATION CURB AND GUTTER REMOVAL (44000500)
- • (3) EXISTING SIDEWALK TO REMAIN OR SIDEWALK REMOVAL (44000600)
- (4) PAVEMENT REMOVAL (44000100)
- • (5) CLASS D PATCHES, 8 INCH (TYPES I & II) (44201737,44201741)
- (6) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (X4401198)
- (7) AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION, 20200100)
- (8) EXISTING HMA PAVEMENT (SEE PAVEMENT CORES)
- (9) EXISTING COMBINATION CURB AND GUTTER TO REMAIN
- (10) EXISTING GROUND

• AT LOCATIONS AS DIRECTED BY THE ENGINEER
•• REVERSE-PITCH CURB
••• ADJACENT TO PAVEMENT WIDENING

NOTES:

1. LOCATIONS OF EXISTING CURB AND AGGREGATE SHOULDER VARY THROUGHOUT THE PROJECT LIMITS AND TYPICAL SECTIONS MAY NOT ACCURATELY DEPICT EXISTING CONDITIONS WITHIN THE NOTED STATION RANGES. SEE REMOVAL AND ROADWAY PLANS FOR MORE DETAIL.
2. THE PAVEMENT CROSS-SLOPE BETWEEN STATIONS 40+50.00 AND 43+55.00 SHALL TRANSITION FROM 6.0% FULL SUPER ELEVATION TO 2% NORMAL CROWN.
3. PIPE UNDERDRAINS SHALL BE INSTALLED 6″ BEHIND THE BACK OF PROPOSED CURB AND GUTTER AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
4. FOR RECONSTRUCTION AREAS, THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER AND OVER THE POLYMERIZED HMA BINDER COURSE, IL-19.0, N90.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
15221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = eschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 10′	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
TYPICAL SECTIONS

SCALE: 10′ | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	20
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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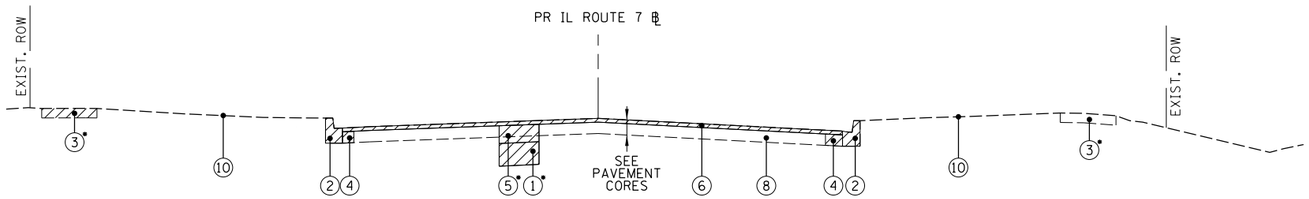
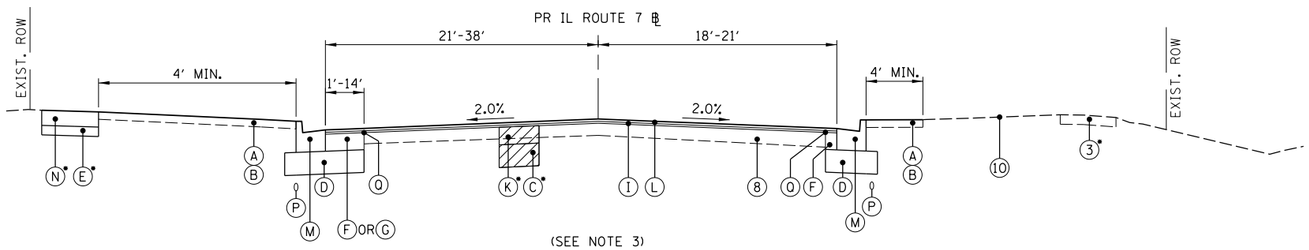


EXISTING TYPICAL SECTION

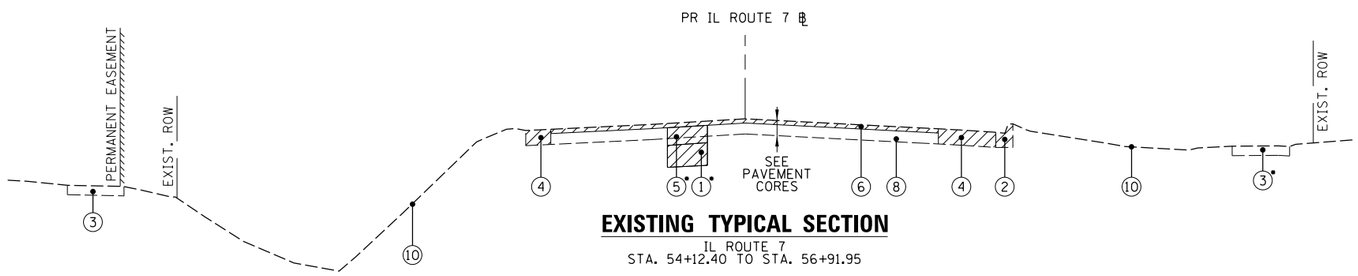
IL ROUTE 7
STA. 45+00.00 TO STA. 49+00.00
STA. 49+00.00 TO STA. 54+12.40
(7TH STREET INTERSECTION OMITTED FROM TYPICAL SECTION)



(SEE NOTE 3)

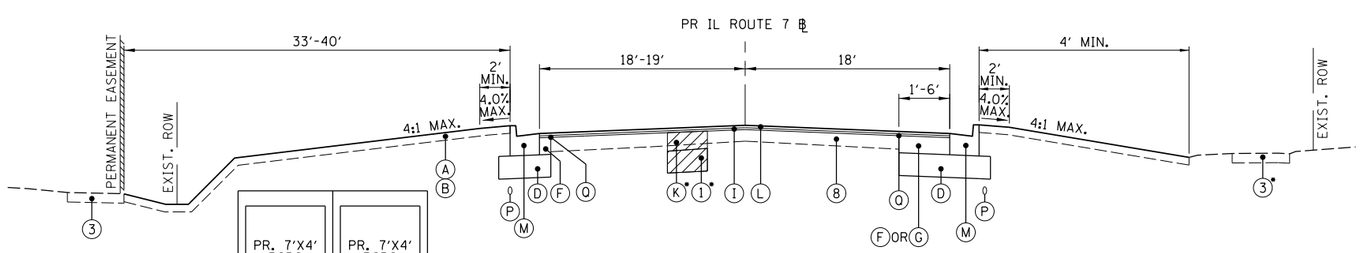
PROPOSED TYPICAL SECTION

IL ROUTE 7
STA. 45+00.00 TO STA. 49+00.00
STA. 49+00.00 TO STA. 54+12.40
(7TH STREET INTERSECTION OMITTED FROM TYPICAL SECTION)



EXISTING TYPICAL SECTION

IL ROUTE 7
STA. 54+12.40 TO STA. 56+91.95



(SEE NOTE 3)

PROPOSED TYPICAL SECTION

IL ROUTE 7
STA. 54+12.40 TO STA. 56+91.95

PROPOSED LEGEND

- (A) TOPSOIL FURNISH AND PLACE, 6" (21101625)
- (B) SODDING, SALT TOLERANT (25200110)
- • (C) AGGREGATE SUBGRADE IMPROVEMENT (30300001)
- (D) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (E) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- (F) PORTLAND CEMENT CONCRETE BASE COURSE 8" (35300300) (TO BE USED WHERE DISTANCE BETWEEN PROPOSED CURB & GUTTER AND EXISTING PAVEMENT IS 4' OR LESS)
- (G) HOT-MIX ASPHALT BASE COURSE, 8" (35501316) (WIDENING GREATER THAN 6') OR HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (35600708) (WIDENING 6' OR LESS)
- (H) HOT-MIX ASPHALT BASE COURSE, 6-1/2" (35501310)
- (I) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4" (40603200)
- (J) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2 1/4" (40603240)
- • (K) CLASS D PATCHES, 8 INCH (TYPES I, II) (44201785,44201789)
- (L) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80; 2" (40605026)
- (M) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- (N) PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200)
- (O) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (P) PIPE UNDERDRAINS, TYPE 2, 4" (60108204)
- (Q) STRIP REFLECTIVE CRACK CONTROL TREATMENT (44300200)

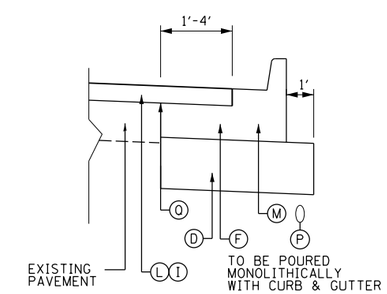
EXISTING LEGEND

- • (1) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
- (2) COMBINATION CURB AND GUTTER REMOVAL (44000500)
- • (3) EXISTING SIDEWALK TO REMAIN OR SIDEWALK REMOVAL (44000600)
- (4) PAVEMENT REMOVAL (44000100)
- • (5) CLASS D PATCHES, 8 INCH (TYPES I & II) (44201737,44201741)
- (6) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (X4401198)
- (7) AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION, 20200100)
- (8) EXISTING HMA PAVEMENT (SEE PAVEMENT CORES)
- (9) EXISTING COMBINATION CURB AND GUTTER TO REMAIN
- (10) EXISTING GROUND

• AT LOCATIONS AS DIRECTED BY THE ENGINEER
•• REVERSE-PITCH CURB
••• ADJACENT TO PAVEMENT WIDENING

NOTES:

1. LOCATIONS OF EXISTING CURB AND AGGREGATE SHOULDER VARY THROUGHOUT THE PROJECT LIMITS AND TYPICAL SECTIONS MAY NOT ACCURATELY DEPICT EXISTING CONDITIONS WITHIN THE NOTED STATION RANGES. SEE REMOVAL AND ROADWAY PLANS FOR MORE DETAIL.
2. PIPE UNDERDRAINS SHALL BE INSTALLED 6" BEHIND THE BACK OF PROPOSED CURB AND GUTTER AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. FOR RESURFACING AREAS, THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BINDER COURSE, IL-4.75, N50.



PCC BASE COURSE DETAIL

CHRISTOPHER B. BURKE ENGINEERING, LTD.
15221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = eschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 10'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
TYPICAL SECTIONS

SCALE: 10' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	21
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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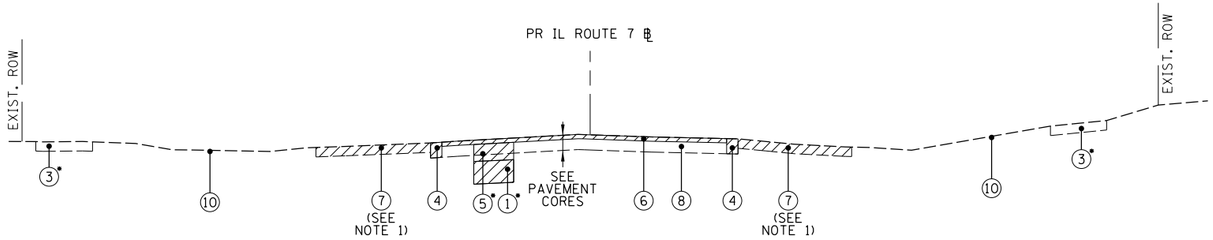
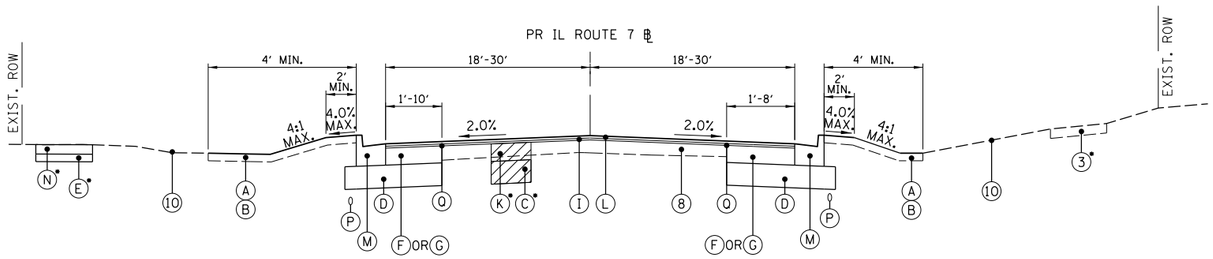


EXISTING TYPICAL SECTION

IL ROUTE 7
STA. 54+12.40 TO STA. 67+68.01



(SEE NOTE 3)

PROPOSED TYPICAL SECTION

IL ROUTE 7
STA. 54+12.40 TO STA. 67+68.01

PROPOSED LEGEND

- (A) TOPSOIL FURNISH AND PLACE, 6" (21101625)
- (B) SODDING, SALT TOLERANT (25200110)
- • (C) AGGREGATE SUBGRADE IMPROVEMENT (30300001)
- (D) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (E) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- (F) PORTLAND CEMENT CONCRETE BASE COURSE 8" (35300300) (TO BE USED WHERE DISTANCE BETWEEN PROPOSED CURB & GUTTER AND EXISTING PAVEMENT IS 4' OR LESS)
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- (8) EXISTING HMA PAVEMENT (SEE PAVEMENT CORES)
- (9) EXISTING COMBINATION CURB AND GUTTER TO REMAIN
- (10) EXISTING GROUND

• AT LOCATIONS AS DIRECTED BY THE ENGINEER
•• REVERSE-PITCH CURB
••• ADJACENT TO PAVEMENT WIDENING

NOTES:

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	DRAWN - AJS	REVISED -	
PLOT SCALE = 10'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
TYPICAL SECTIONS

SCALE: 10' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	22
		CONTRACT NO. 61H98		
	ILLINOIS	FED. AID PROJECT		

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EARTHWORK SCHEDULE

STATION			20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (CU YD)	20200100 EARTH EXCAVATION (CU YD)	EARTH EXCAVATION VOLUME AVAILABLE FOR USE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
30+50	TO	31+00	5	47	40	1	39
31+00	TO	31+50	19	98	83	7	76
31+50	TO	32+00	22	144	123	8	114
32+00	TO	32+12	2	49	42	0	42
32+12	TO	32+50	8	127	108	1	107
32+50	TO	32+58	4	21	18	1	17
32+58	TO	33+08	11	143	122	3	119
33+08	TO	33+22	4	41	35	0	35
33+22	TO	33+50	20	72	61	3	58
33+50	TO	33+66	11	41	35	1	34
33+66	TO	33+76	3	27	23	0	22
33+76	TO	34+00	10	54	46	1	44
34+00	TO	34+15	9	36	31	1	30
34+15	TO	34+34	5	49	42	1	40
34+34	TO	34+50	5	38	32	1	31
34+50	TO	34+88	9	89	75	2	73
34+88	TO	35+00	1	28	24	0	23
35+00	TO	35+50	12	100	85	8	77
35+50	TO	35+85	10	70	60	6	54
35+85	TO	36+00	1	43	36	0	36
36+00	TO	36+17	5	61	52	2	50
36+17	TO	36+50	27	100	85	12	73
36+50	TO	37+00	60	118	100	24	76
37+00	TO	37+50	53	146	124	20	104
37+50	TO	38+00	47	151	128	20	108
38+00	TO	38+18	17	54	46	7	39
38+18	TO	38+50	24	89	76	12	63
38+50	TO	38+73	12	54	46	6	41
38+73	TO	39+00	15	61	52	8	44
39+00	TO	39+50	47	95	81	48	33
39+50	TO	40+00	42	127	108	47	61
40+00	TO	40+50	31	142	120	19	102
40+50	TO	41+00	39	109	93	11	82
41+00	TO	41+50	44	98	83	13	70
41+50	TO	42+00	29	105	89	12	77
42+00	TO	42+50	25	105	89	8	81
42+50	TO	43+00	24	109	93	8	85
43+00	TO	43+50	23	113	96	7	89
43+50	TO	43+76	12	59	50	5	45
43+76	TO	44+00	12	55	47	6	41
44+00	TO	44+28	10	75	64	4	60
44+28	TO	44+50	5	62	52	1	51
44+50	TO	45+00	19	92	78	4	74
45+00	TO	45+50	8	44	38	3	35
45+50	TO	46+00	6	25	21	2	19
46+00	TO	46+21	2	15	13	0	13
46+21	TO	46+50	6	24	20	1	20
46+50	TO	46+81	6	30	25	1	25
46+81	TO	47+00	4	15	13	0	13
47+00	TO	47+50	12	29	24	0	24
47+50	TO	47+67	0	11	10	0	10
47+67	TO	48+00	10	31	27	2	25
48+00	TO	48+50	24	45	39	5	34
48+50	TO	49+00	19	36	31	3	28
49+00	TO	49+50	43	66	56	3	53

EARTHWORK SCHEDULE

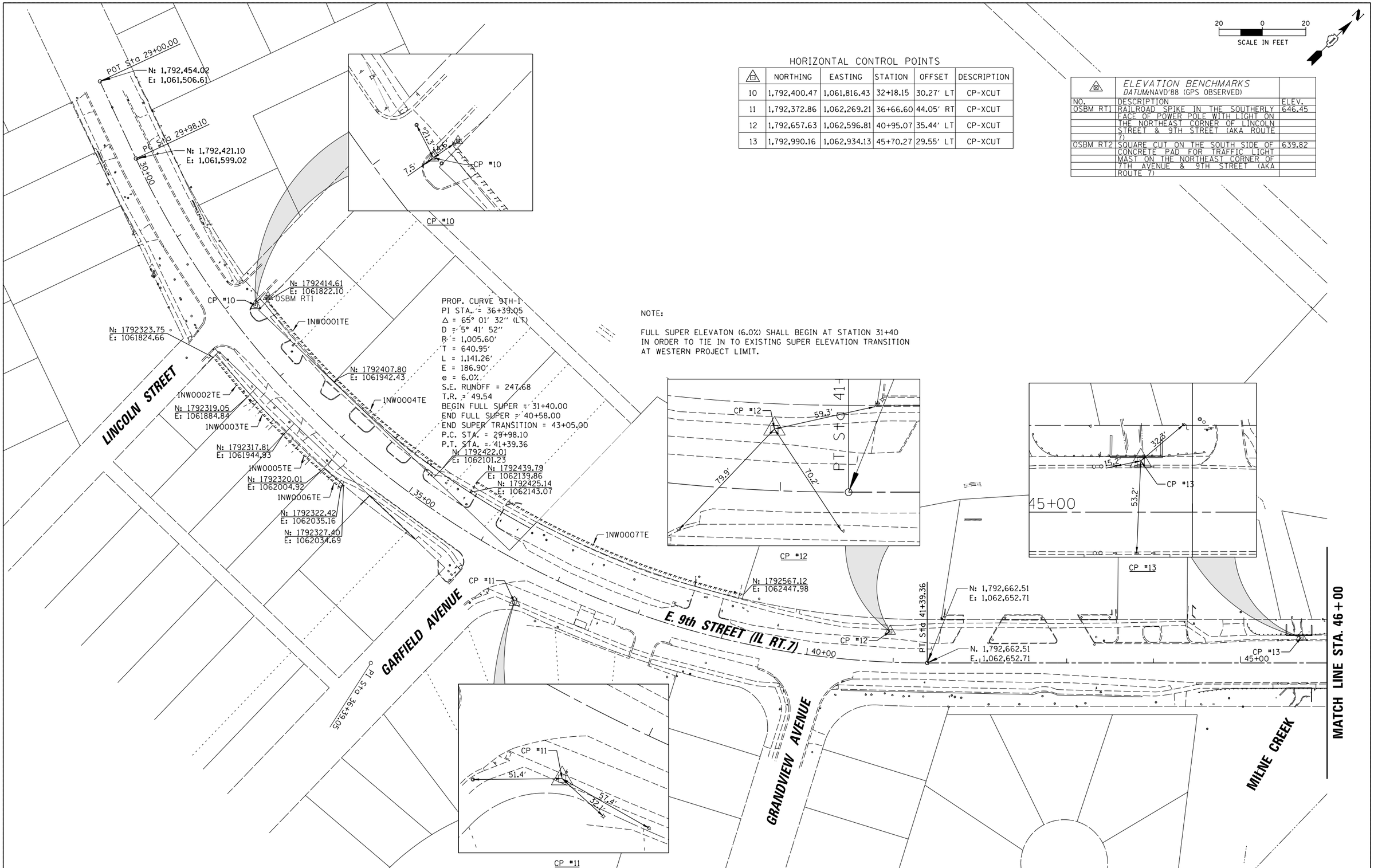
STATION			20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (CU YD)	20200100 EARTH EXCAVATION (CU YD)	EARTH EXCAVATION VOLUME AVAILABLE FOR USE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
49+50	TO	50+00	36	51	43	3	41
50+00	TO	50+50	10	19	17	4	13
50+50	TO	51+15	8	50	42	4	39
51+15	TO	51+50	3	29	25	0	25
51+50	TO	52+00	21	34	29	6	24
52+00	TO	52+32	11	24	20	5	16
52+32	TO	52+50	1	14	12	1	11
52+50	TO	53+00	12	42	35	7	28
53+00	TO	53+24	5	25	22	3	19
53+24	TO	53+50	7	30	25	3	22
53+50	TO	53+73	19	16	14	21	-7
53+73	TO	54+00	32	13	11	59	-48
54+00.33			DIAGONAL CULVERT CROSSING; STATION NOT INCLUDED FOR EARTH WORK COMPUTATION				
54+00	TO	54+22	24	12	10	43	-33
54+22	TO	54+50	31	20	17	40	-23
54+50	TO	54+79	32	21	18	52	-34
54+79	TO	55+00	24	16	14	42	-29
55+00	TO	55+42	47	40	34	90	-57
55+42	TO	55+50	7	5	5	16	-11
55+50	TO	56+00	54	39	33	105	-72
56+00	TO	56+19	20	18	15	42	-26
56+19	TO	56+50	33	23	20	69	-49
56+50	TO	57+00	64	42	35	71	-36
57+00	TO	57+30	25	29	25	9	15
57+30	TO	57+50	13	19	16	2	15
57+50	TO	58+00	44	50	43	9	33
58+00	TO	58+17	11	15	13	3	10
58+17	TO	58+50	22	28	24	5	18
58+50	TO	58+95	29	46	39	6	33
58+95	TO	59+00	2	5	4	0	4
59+00	TO	59+50	31	39	33	2	31
59+50	TO	60+00	44	39	33	9	24
60+00	TO	60+50	44	44	37	13	24
60+50	TO	61+00	44	39	33	15	18
61+00	TO	61+50	43	37	31	19	13
61+50	TO	62+00	45	38	32	17	16
62+00	TO	62+50	44	40	34	13	21
62+50	TO	63+00	36	41	35	8	26
63+00	TO	63+50	30	42	35	8	27
63+50	TO	64+00	42	55	46	22	24
64+00	TO	64+50	48	71	61	20	40
64+50	TO	65+00	45	86	73	4	69
65+00	TO	65+50	37	87	74	1	73
65+50	TO	66+00	31	87	74	1	73
66+00	TO	66+50	31	81	69	3	66
66+50	TO	67+00	28	52	44	4	40
67+00	TO	67+50	30	31	26	4	22
67+50	TO	67+68	9	11	9	1	8
67+68	TO	68+07	9	17	15	1	14
68+07	TO	68+46	3	7	6	1	5
68+46	TO	69+78	10	12	10	5	6
TOTALS			2266	5600	4760	1262	3498

SUMMARY

20200100 EARTH EXCAVATION (CU YD)	20400800 FURNISHED EXCAVATION (CU YD)	EMBANKMENT (CU YD)	20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (CU YD)
5,600	0	1,262	2,266

BASED ON EXISTING TOPSOIL DEPTHS, A QUANTITY OF 2,266 CY OF TOPSOIL SHALL BE STRIPPED TO CONSTRUCT THE PROPOSED ROADWAY IMPROVEMENTS. EARTHWORK SCHEDULE AND SUMMARY INDICATE THE TOPSOIL STRIPPING AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS. QUANTITIES PROVIDED IN THE EARTHWORK SUMMARY AND SCHEDULE HAVE BEEN CALCULATED BASED ON THE ROADWAY IMPROVEMENTS; ADDITIONAL QUANTITY OUTSIDE OF THE PROPOSED ROADWAY GRADING LIMITS HAS BEEN INCLUDED IN THE SUMMARY OF QUANTITIES FOR ITEMS OF WORK RELATED TO THE 100% LOCALLY FUNDED WATER MAIN IMPROVEMENTS. EMBANKMENT SHALL NOT BE PAID FOR SEPARATELY, IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE HAUL OFF OF NON-SPECIAL WASTE. WHENEVER POSSIBLE, THE CONTRACTOR SHALL UTILIZE SOIL ONSITE THAT MEETS THE REQUIREMENTS FOR REUSE WITHIN THE RIGHT-OF-WAY, BUT DOES NOT MEET THE REQUIREMENTS FOR DISPOSAL AT A CCDD FACILITY OR USFO IN ACCORDANCE WITH SECTION 669.05 OF THE STANDARD SPECIFICATIONS. THIS EFFORT MAY INCLUDE ADDITIONAL MOVEMENT OF EXCAVATED MATERIALS ONSITE AS NECESSARY TO LIMIT NON-SPECIAL WASTE DISPOSAL.



NOTE:

FULL SUPER ELEVATON (6.0%) SHALL BEGIN AT STATION 31+40 IN ORDER TO TIE IN TO EXISTING SUPER ELEVATION TRANSITION AT WESTERN PROJECT LIMIT.

HORIZONTAL CONTROL POINTS

	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
10	1,792,400.47	1,061,816.43	32+18.15	30.27' LT	CP-XCUT
11	1,792,372.86	1,062,269.21	36+66.60	44.05' RT	CP-XCUT
12	1,792,657.63	1,062,596.81	40+95.07	35.44' LT	CP-XCUT
13	1,792,990.16	1,062,934.13	45+70.27	29.55' LT	CP-XCUT

ELEVATION BENCHMARKS
DATUM: NAVD'88 (GPS OBSERVED)

NO.	DESCRIPTION	ELEV.
OSBM RT1	RAILROAD SPIKE IN THE SOUTHERLY FACE OF POWER POLE WITH LIGHT ON THE NORTHEAST CORNER OF LINCOLN STREET & 9TH STREET (AKA ROUTE 7)	646.45
OSBM RT2	SQUARE CUT ON THE SOUTH SIDE OF CONCRETE PAD FOR TRAFFIC LIGHT MAST ON THE NORTHEAST CORNER OF 7TH AVENUE & 9TH STREET (AKA ROUTE 7)	639.82

CHRISTOPHER B. BURKE ENGINEERING, LTD.
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USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 50'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
ALIGNMENT, TIES & BENCHMARKS PLAN

SCALE: 50' | SHEET 1 OF 2 SHEETS | STA. 29+00 TO STA. 46+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	24
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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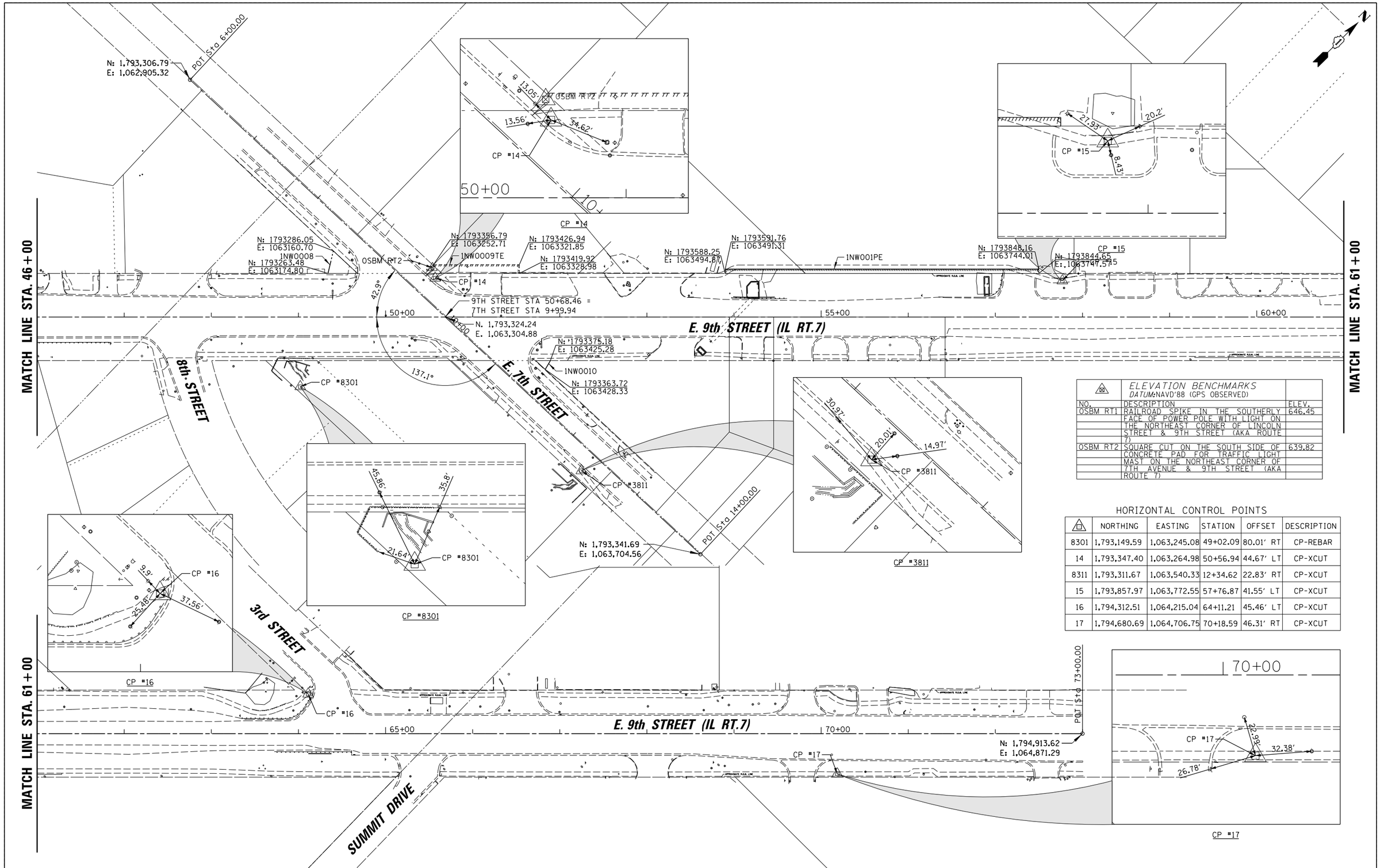

ELEVATION BENCHMARKS DATUM: NAVD'88 (GPS OBSERVED)		
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HORIZONTAL CONTROL POINTS

	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
8301	1,793,149.59	1,063,245.08	49+02.09	80.01' RT	CP-REBAR
14	1,793,347.40	1,063,264.98	50+56.94	44.67' LT	CP-XCUT
8311	1,793,311.67	1,063,540.33	12+34.62	22.83' RT	CP-XCUT
15	1,793,857.97	1,063,772.55	57+76.87	41.55' LT	CP-XCUT
16	1,794,312.51	1,064,215.04	64+11.21	45.46' LT	CP-XCUT
17	1,794,680.69	1,064,706.75	70+18.59	46.31' RT	CP-XCUT

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USER NAME = eschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 50'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
ALIGNMENT, TIES & BENCHMARKS PLAN

SCALE: 50' | SHEET 2 OF 2 SHEETS | STA. 46+00 TO STA. 73+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	25
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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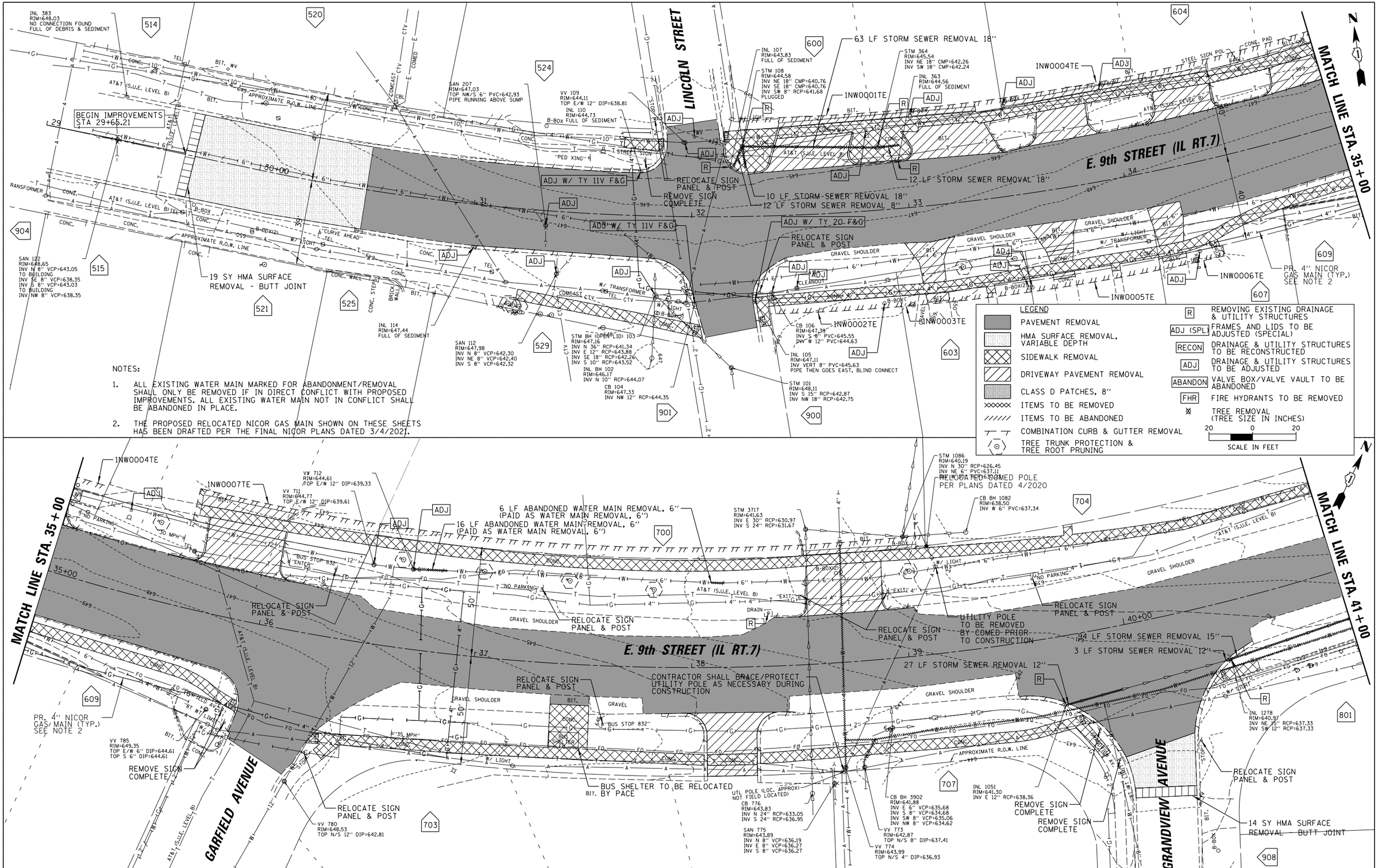

NOTES:

1. ALL EXISTING WATER MAIN MARKED FOR ABANDONMENT/REMOVAL SHALL ONLY BE REMOVED IF IN DIRECT CONFLICT WITH PROPOSED IMPROVEMENTS. ALL EXISTING WATER MAIN NOT IN CONFLICT SHALL BE ABANDONED IN PLACE.

2. THE PROPOSED RELOCATED NICOR GAS MAIN SHOWN ON THESE SHEETS HAS BEEN DRAFTED PER THE FINAL NICOR PLANS DATED 3/4/2021.

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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
EXISTING CONDITIONS & REMOVAL PLAN

SCALE: 20' | SHEET 1 OF 5 SHEETS | STA. 29+00 TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	26
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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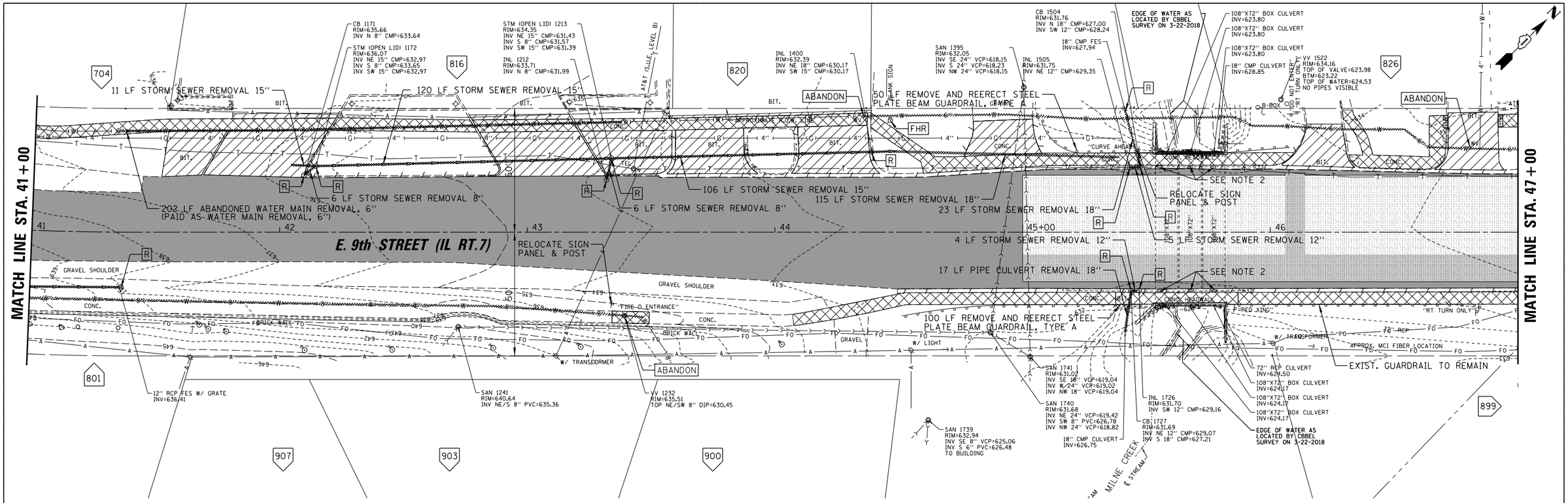

NOTES:

1. ALL EXISTING WATER MAIN MARKED FOR ABANDONMENT/REMOVAL SHALL ONLY BE REMOVED IF IN DIRECT CONFLICT WITH PROPOSED IMPROVEMENTS. ALL EXISTING WATER MAIN NOT IN CONFLICT SHALL BE ABANDONED IN PLACE.

2. EXISTING CULVERT DRAINAGE SCUPPERS SHALL BE FILLED WITH GROUT AND ABANDONED IN PLACE.

LEGEND

- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 8"
- ITEMS TO BE REMOVED
- ITEMS TO BE ABANDONED
- COMBINATION CURB & GUTTER REMOVAL
- TREE TRUNK PROTECTION & TREE ROOT PRUNING

- R — REMOVING EXISTING DRAINAGE & UTILITY STRUCTURES
- ADJ (SPL) — FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- RECON — DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
- ADJ — DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- ABANDON — VALVE BOX/VALVE VAULT TO BE ABANDONED
- FHR — FIRE HYDRANTS TO BE REMOVED
- TREE REMOVAL (TREE SIZE IN INCHES)

20 0 20
SCALE IN FEET

CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 20'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
EXISTING CONDITIONS & REMOVAL PLAN

SCALE: 20' | SHEET 2 OF 5 SHEETS | STA. 41+00 TO STA. 47+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	27

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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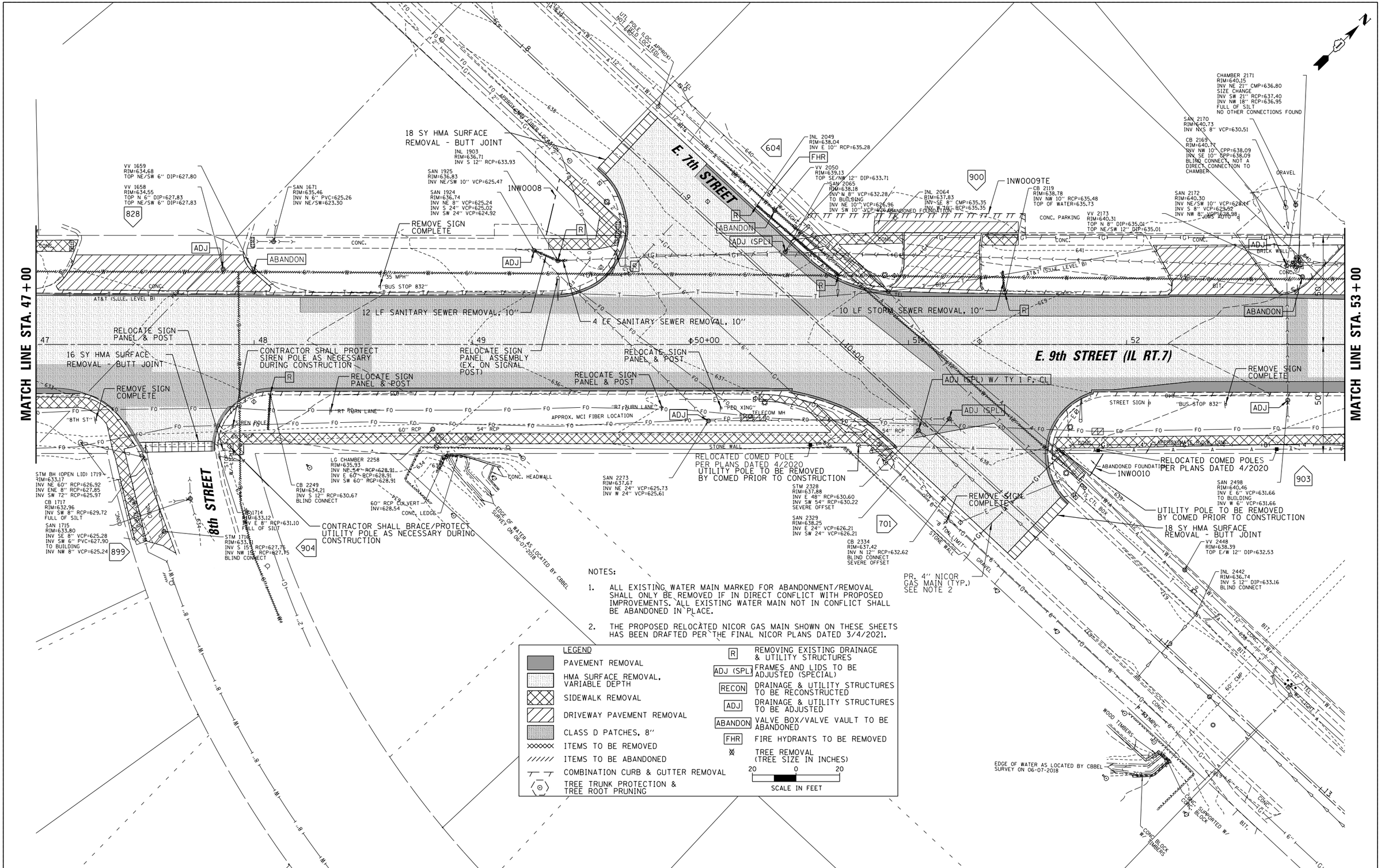

CHRISTOPHER B. BURKE ENGINEERING, LTD. 15221 W. 159th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850	USER NAME = aschaefer	DESIGNED - AJS	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
EXISTING CONDITIONS & REMOVAL PLAN

SCALE: 20' | SHEET 3 OF 5 SHEETS | STA. 47+00 TO STA. 53+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	28
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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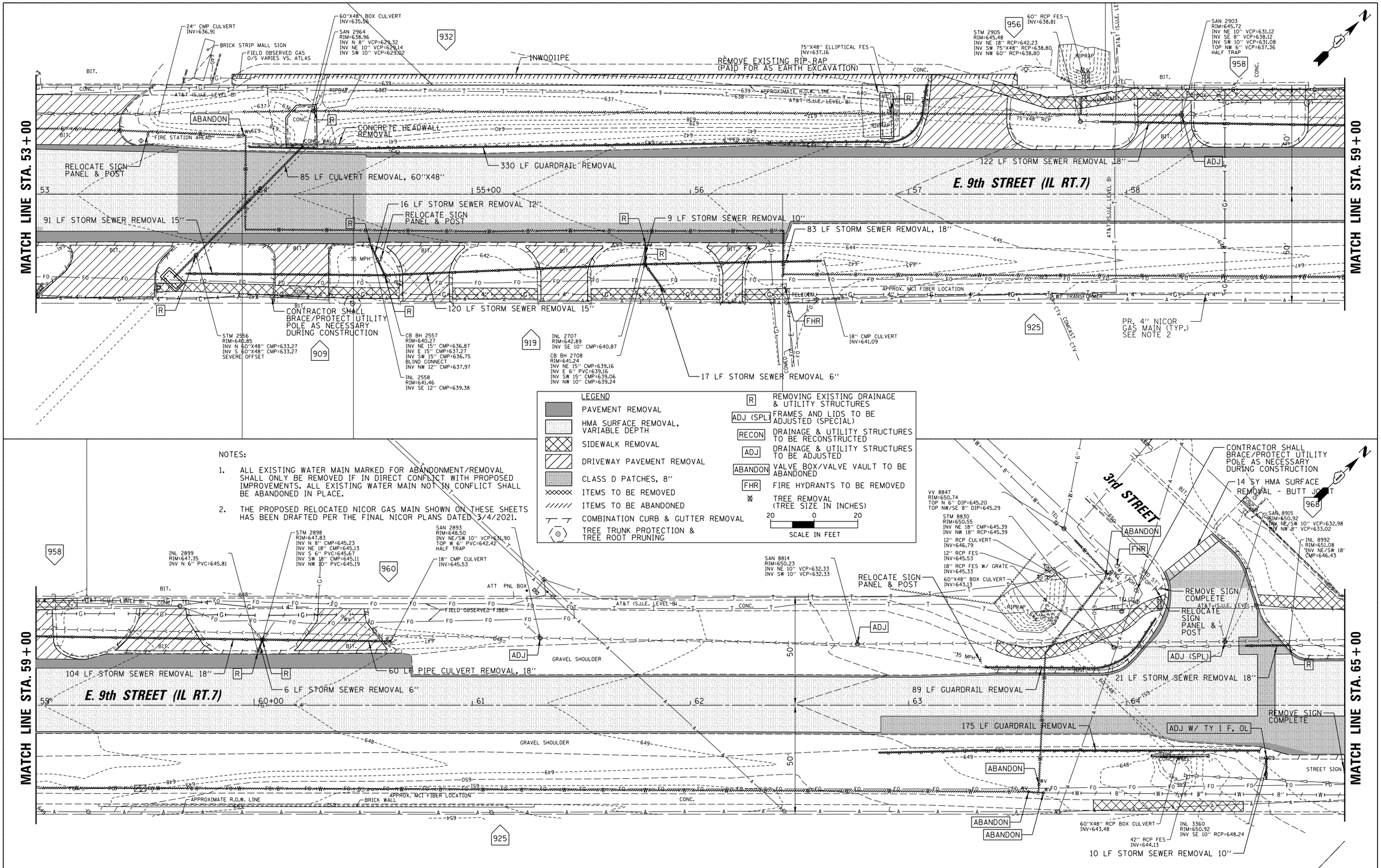

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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
EXISTING CONDITIONS & REMOVAL PLAN

SCALE: 20' | SHEET 4 OF 5 SHEETS | STA. 53+00 TO STA. 65+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	29
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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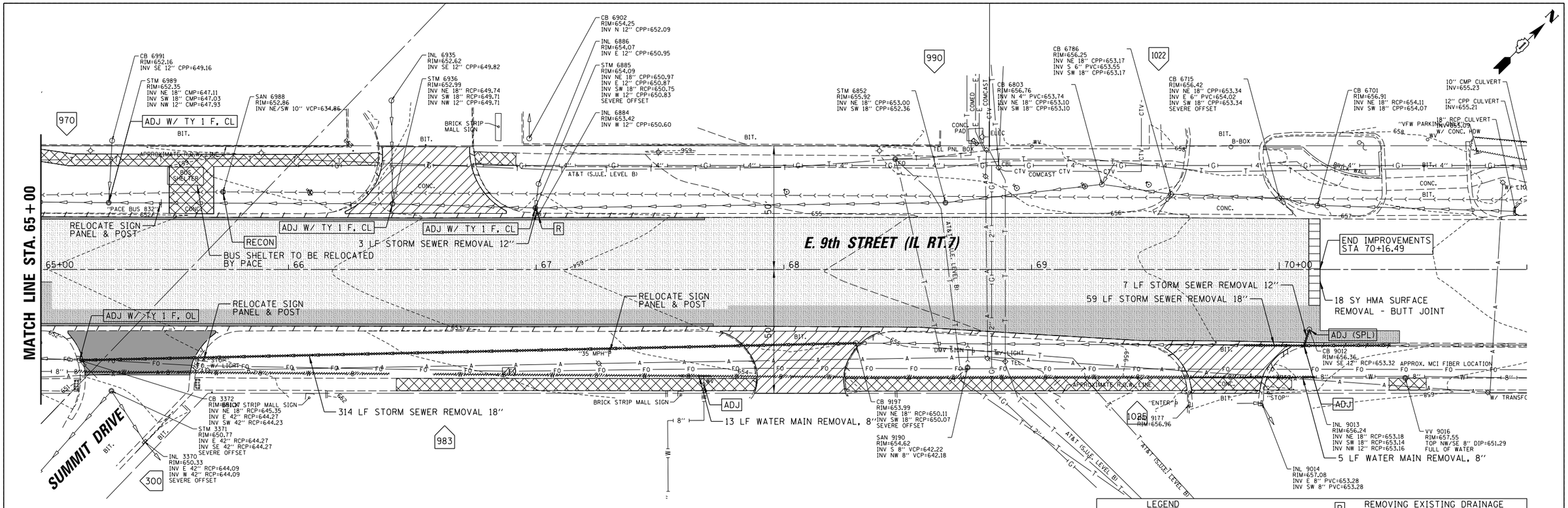

NOTES:

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LEGEND

- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 8"
- ITEMS TO BE REMOVED
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- FHR — FIRE HYDRANTS TO BE REMOVED
- TREE REMOVAL (TREE SIZE IN INCHES)

20 0 20
SCALE IN FEET

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
EXISTING CONDITIONS & REMOVAL PLAN

SCALE: 20' | SHEET 5 OF 5 SHEETS | STA. 65+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	30
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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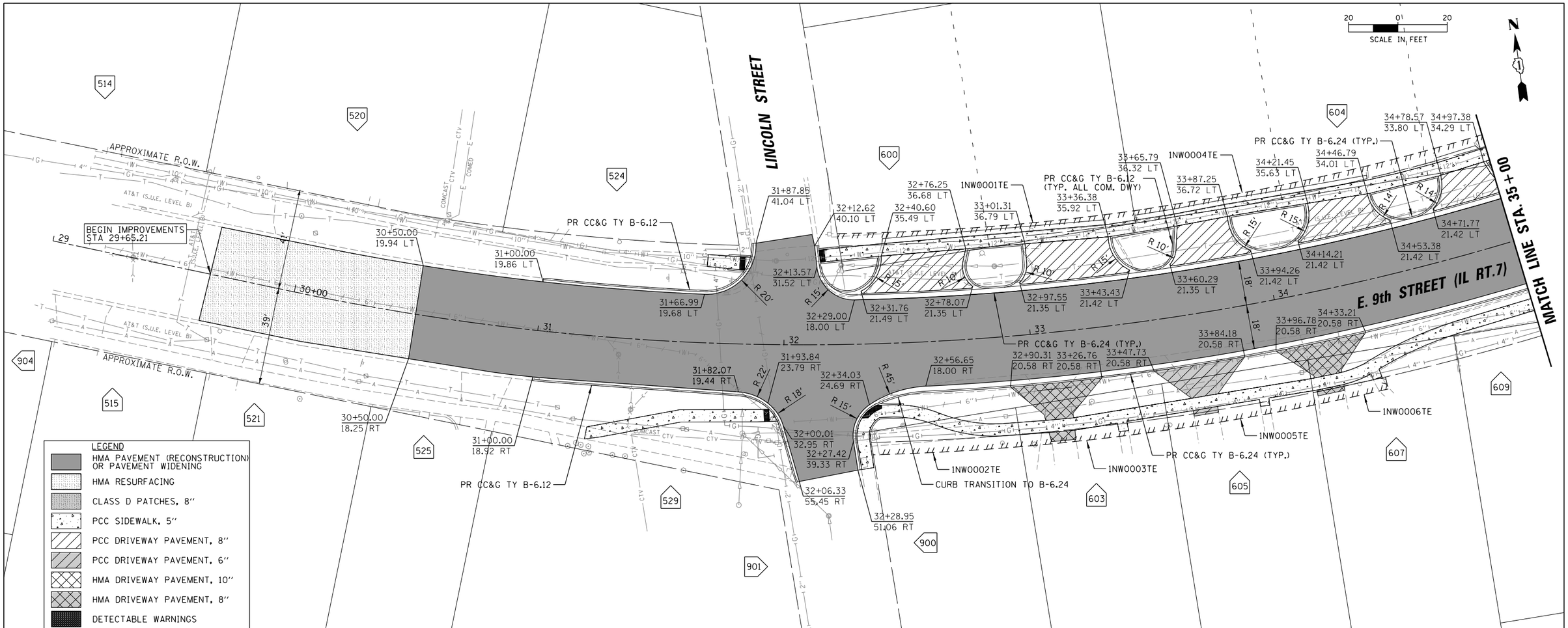

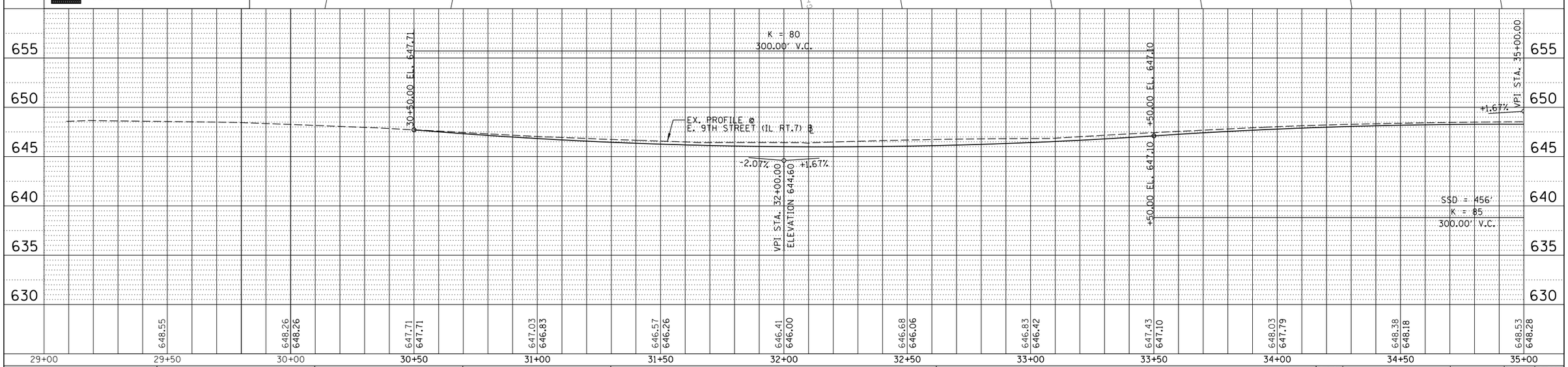

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BY
DATE

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GRADES CHECKED
B.M. NOTED
STRUCTURE NOTAT'NS CH'KD
NOTE BOOK NO.
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DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
ROADWAY PLAN & PROFILE

SCALE: 20' | SHEET 1 OF 7 SHEETS | STA. 29+00 TO STA. 35+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	31
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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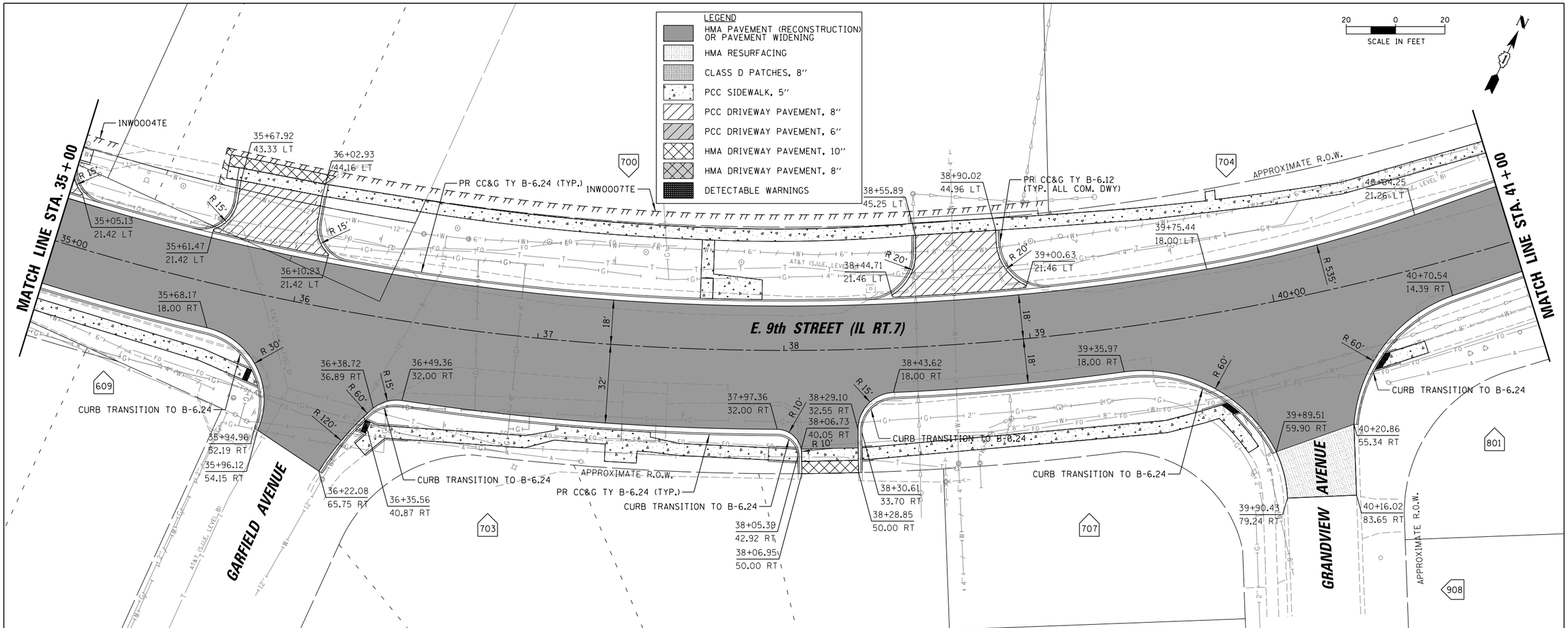

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PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / DATE / BY

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
ROADWAY PLAN & PROFILE

SCALE: 20' | SHEET 2 OF 7 SHEETS | STA. 35+00 TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	32
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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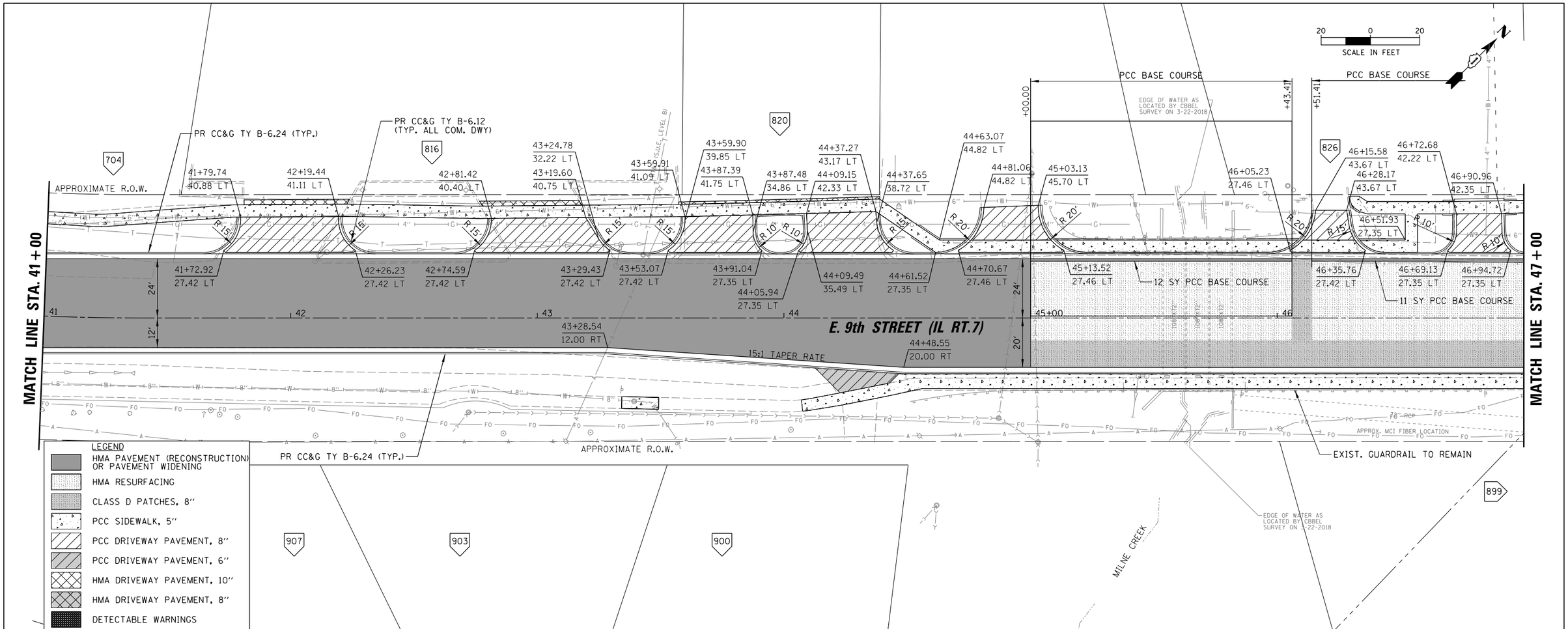

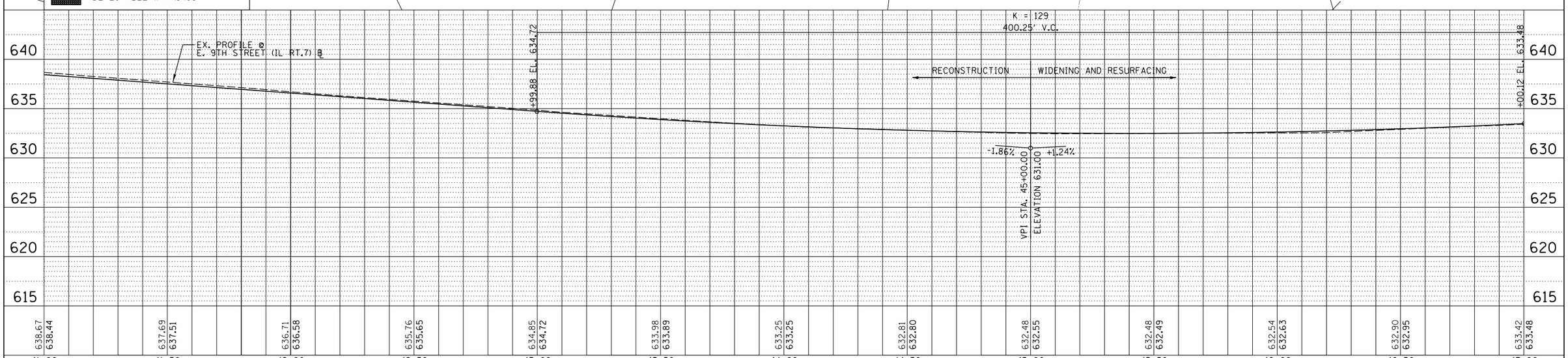

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
ROADWAY PLAN & PROFILE

SCALE: 20' | SHEET 3 OF 7 SHEETS | STA. 41+00 TO STA. 47+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	33
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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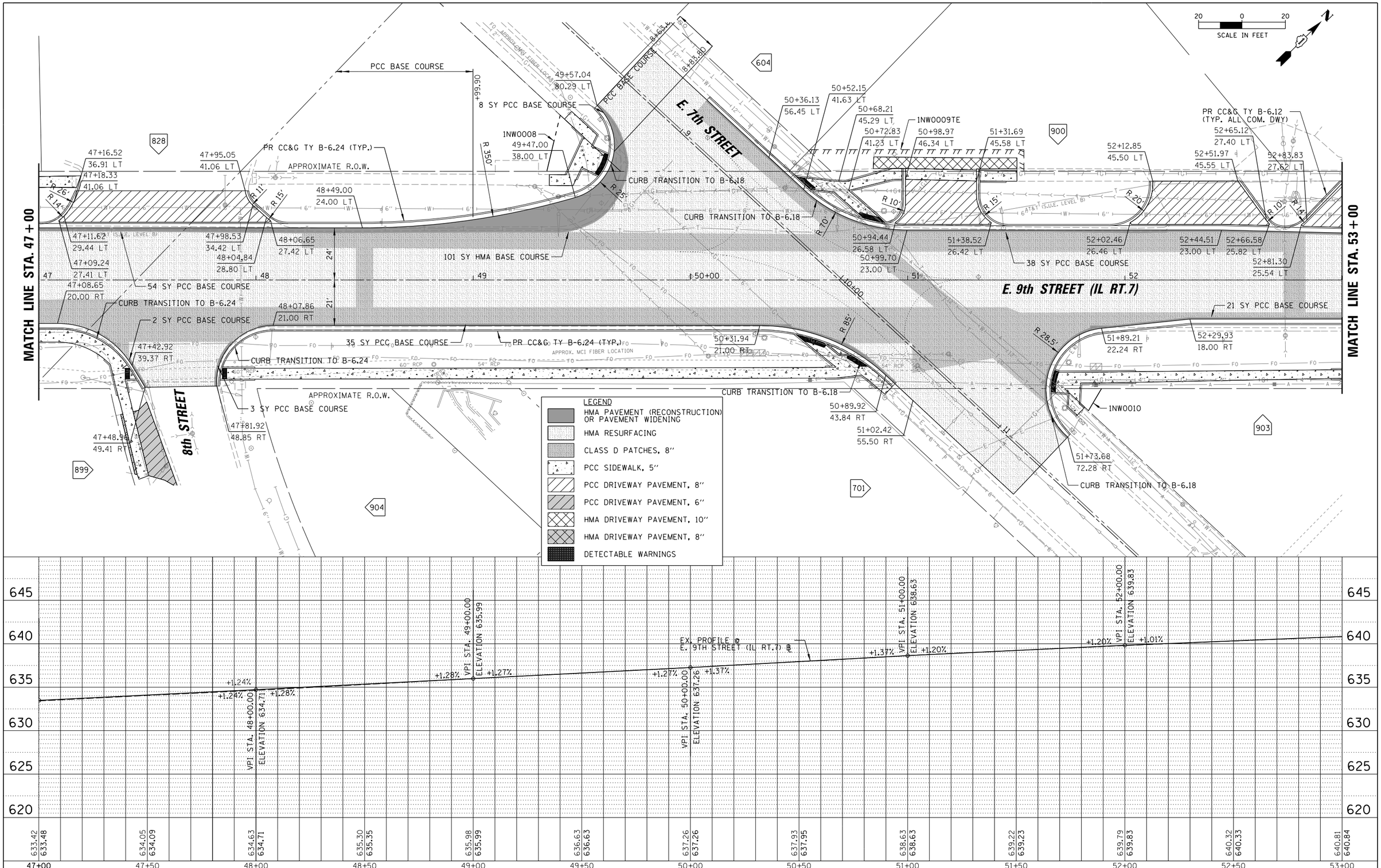

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PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CH'KD / NOTE BOOK NO. / BY / DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
ROADWAY PLAN & PROFILE

SCALE: 20' | SHEET 4 OF 7 SHEETS | STA. 47+00 TO STA. 53+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	34

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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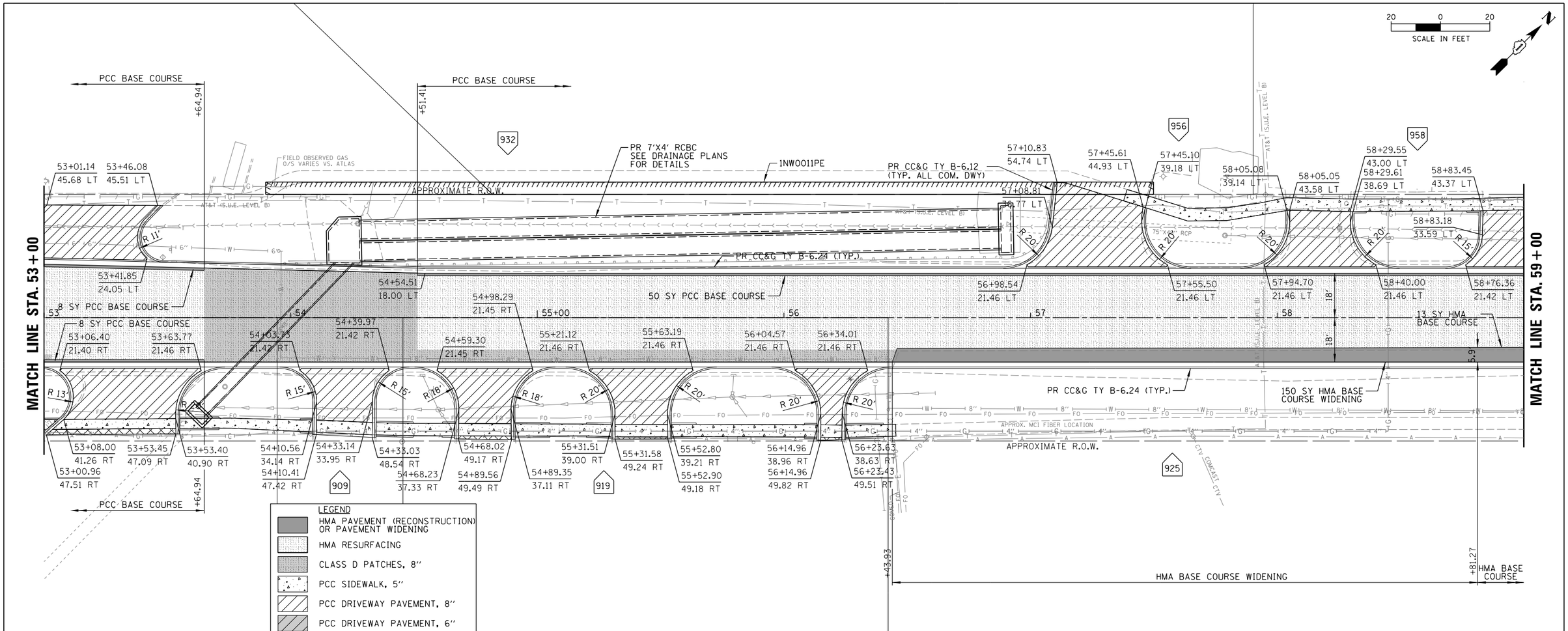

PLAN	
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NOTE BOOK NO.	
BY	DATE

PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
B.M. NOTED	
STRUCTURE NOTAT'NS CH'KD	
NOTE BOOK NO.	
BY	DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
ROADWAY PLAN & PROFILE

SCALE: 20' | SHEET 5 OF 7 SHEETS | STA. 53+00 TO STA. 59+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	35
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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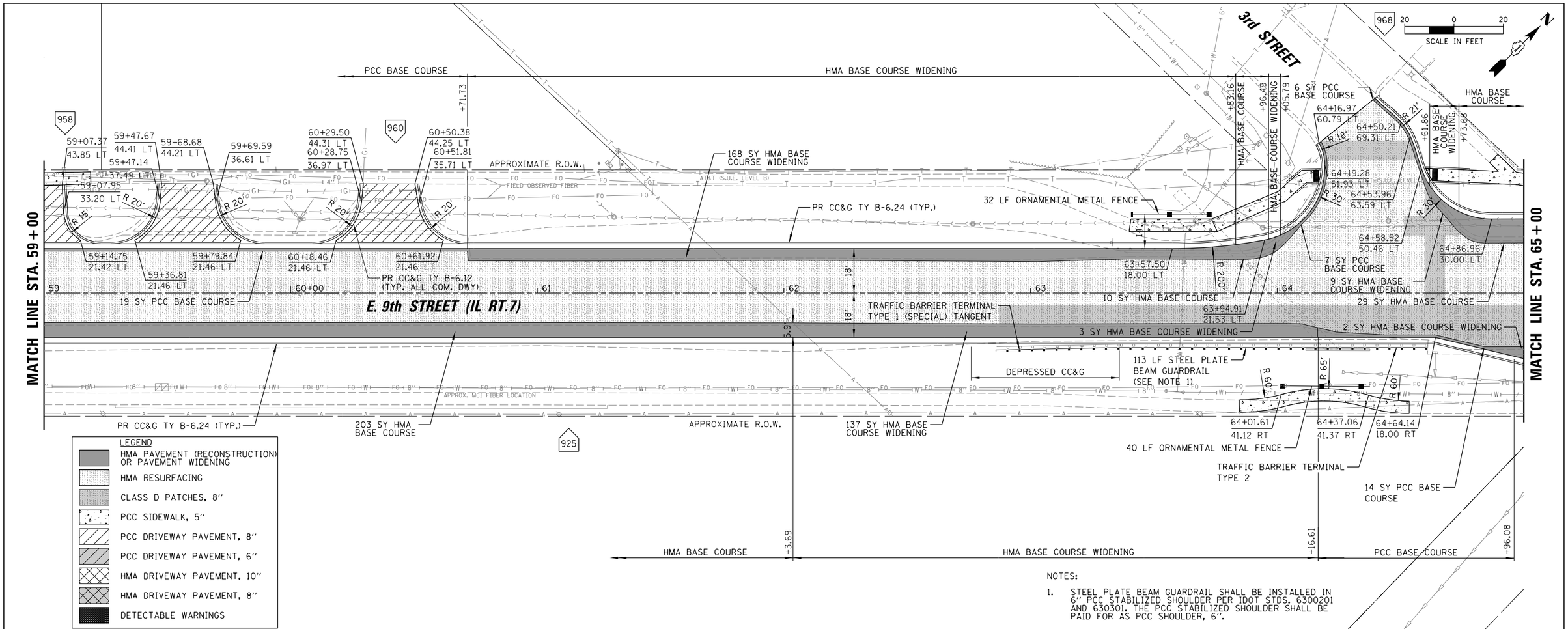
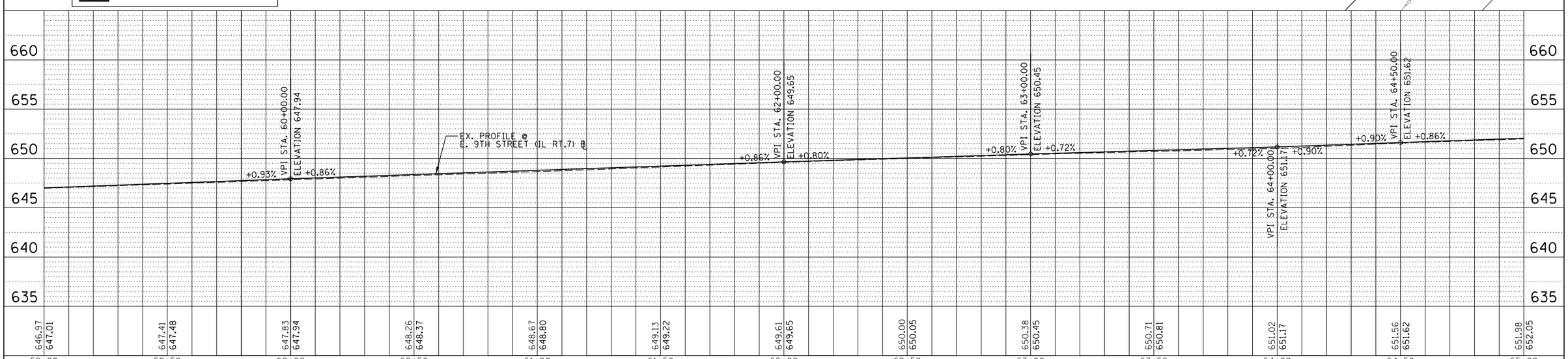


NOTES:

1. STEEL PLATE BEAM GUARDRAIL SHALL BE INSTALLED IN 6" PCC STABILIZED SHOULDER PER IDOT STDS. 6300201 AND 630301. THE PCC STABILIZED SHOULDER SHALL BE PAID FOR AS PCC SHOULDER, 6".



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
ROADWAY PLAN & PROFILE

SCALE: 20' | SHEET 6 OF 7 SHEETS | STA. 59+00 TO STA. 65+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	36

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

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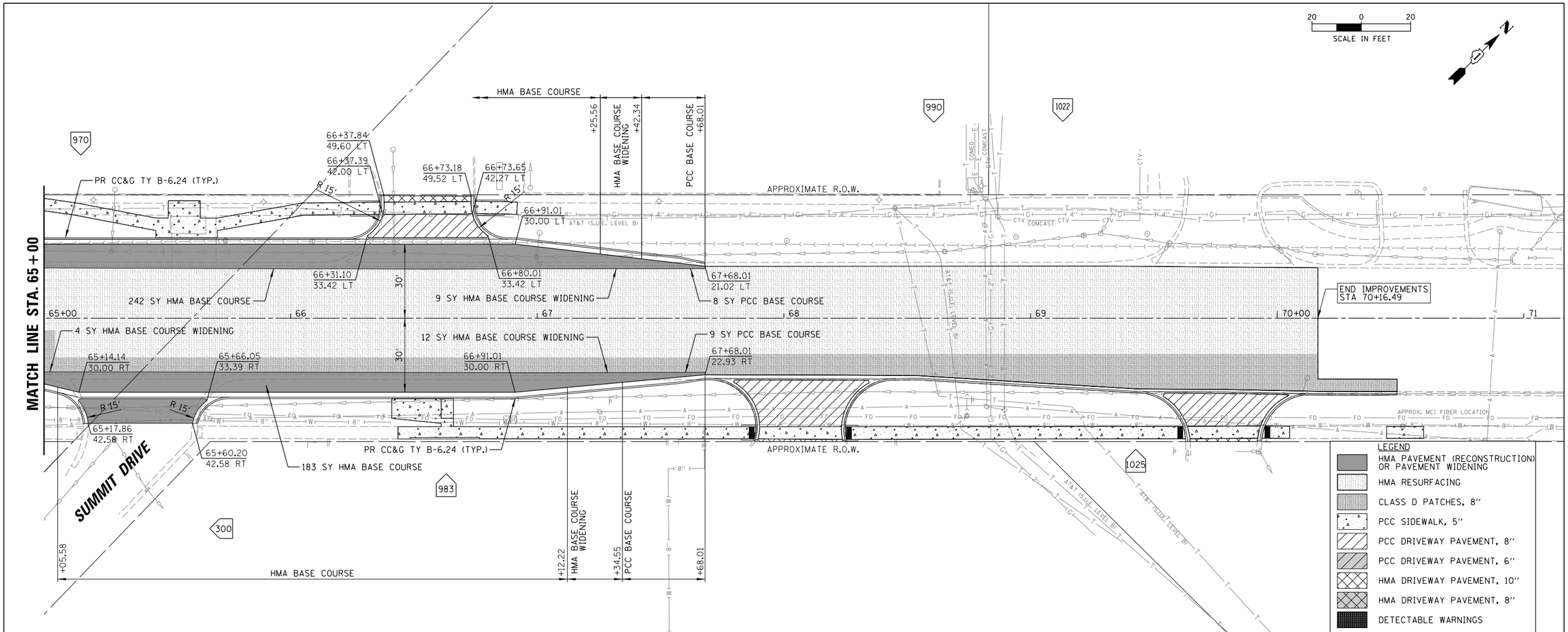

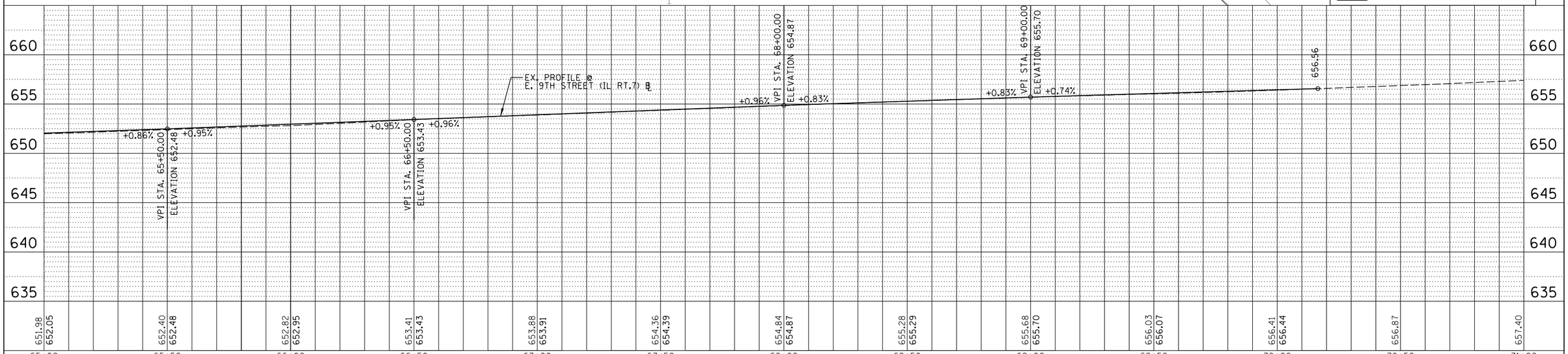

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STRUCTURE NOTATNS CHK'D			
NOTE BOOK NO.			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
ROADWAY PLAN & PROFILE

SCALE: 20' | SHEET 7 OF 7 SHEETS | STA. 65+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	37

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY BRENT CANN AT THE CITY OF LOCKPORT AT 815-838-0549 AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK.

2. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

3. THE CONTRACTOR WILL COORDINATE THE INSTALLATION OF ALL PERMANENT TRAFFIC SIGNAL EQUIPMENT AND APPURTENANCES PER STAGE.

4. ROADWORK REQUIRING A CLOSURE OF A LANE (IN ADDITION TO THE STAGING SHOWN IN THE PLANS), WHICH HAS BEEN OPENED PREVIOUSLY TO TRAFFIC, WILL BE ALLOWED AT THE DISCRETION OF THE ENGINEER AND UNDER THE FOLLOWING CONDITIONS:

   a. THE LANE CLOSURE SHALL ONLY BE IN EFFECT WHILE WORKERS ARE PRESENT IN OR WITHIN TWO (2) FEET OF TRAFFIC.

   b. ALL TRAFFIC CONTROL DEVICES PERTAINING TO THE LANE CLOSURE SHALL BE REMOVED FROM THE ROADWAY AT THE END OF THE WORKDAY.

   c. LANE CLOSURES SHALL BE IN ACCORDANCE WITH IDOT STANDARDS 701006, 701501, 701502, 701701 AND 701801 AND AS DIRECTED BY THE ENGINEER.

5. ALL AREAS UNDERCUT FOR AGGREGATE SUBGRADE IMPROVEMENT SHALL NOT BE LEFT UNFILLED OVERNIGHT. DROP-OFFS GREATER THAN 24 INCHES SHALL NOT BE LEFT UNFILLED OVERNIGHT.

6. DRIVEWAY ACCESS AND ACCESS TO SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF "TEMPORARY ACCESS (PRIVATE ENTRANCE)" AND "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)" AND "TEMPORARY ACCESS (ROAD)". DRIVEWAYS AND SIDE ROADS SHALL BE CONSTRUCTED IN STAGES, ONE HALF AT A TIME.

7. UTILITY TRENCHES SHALL BE COVERED OR FILLED AT THE END OF EACH DAY.

8. SEE TRAFFIC SIGNAL PLANS FOR PLACEMENT OF TEMPORARY TRAFFIC SIGNAL HEADS DURING STAGED CONSTRUCTION.

9. SPACING OF TYPE II BARRICADES OR DRUMS SHALL BE AS FOLLOWS: 50' C-C ON TANGENTS, 20' C-C IN TAPERS/SHIFTS, 12' C-C AROUND RADII.

10. ALL SIGNAGE TO BE IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). MAINTENANCE OF TRAFFIC SHOWN IS THE MINIMUM REQUIRED; THE CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL MEASURES AS DIRECTED BY RESIDENT ENGINEER.

11. TEMPORARY INFORMATION SIGNING SHALL BE PLACED AT ALL COMMERCIAL DRIVEWAY ENTRANCES THAT ARE OPEN TO TRAFFIC WITHIN THE ACTIVE WORK ZONE. THESE SIGNS SHALL BE REMOVED IF THE ENTRANCE IS UNDER CONSTRUCTION AND ACCESS IS TEMPORARILY RESTRICTED.

12. THE HMA SURFACE COURSE SHALL NOT BE PLACED UNTIL AFTER STAGE 3. TRAFFIC CONTROL AND PROTECTION FOR THIS WORK SHALL BE PER IDOT STANDARD 701502.

13. SEE HIGHWAY STANDARDS AND DISTRICT ONE DETAILS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.

14. WINTER WORK SHUTDOWNS SHALL BE COMPLETED BETWEEN STAGES AS DIRECTED BY THE ENGINEER. TEMPORARY PAVEMENT MARKINGS SHALL BE INSTALLED AND MAINTAINED AS NECESSARY THROUGHOUT THE WINTER STOPPAGE. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR TRAFFIC CONTROL ADJUSTMENTS OR ADDITIONAL MOBILIZATIONS REQUIRED FOR WINTER WORK STOPPAGES.

15. DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN OR EQUAL TO 24" WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES AT THE END OF EACH WORKDAY. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.

16. THE TEMPORARY CONCRETE BARRIER WALL WILL NEED TO BE RESTRAINED PER R-27 WHEN THE WALL IS POSITIONED OVER THE CULVERT AND THE DEPTH OF THE ROADWAY WILL RESULT IN THE RESTRAINING PIN BEING DRILLED INTO THE CULVERT SUPERSTRUCTURE.

17. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

18. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE, TRAFFIC STAGE CHANGES, AND NEW TRAFFIC SIGNAL TURN-ON EVENTS ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE (DETERMINED BY THE ENGINEER) PLACED AS DIRECTED BY THE ENGINEER.

19. TEMPORARY INFORMATION SIGNS ON TEMPORARY SUPPORTS SHALL BE PROVIDED FOR ALL COMMERCIAL DRIVEWAYS THAT ARE LOCATED WITHIN A WORK AREA. THIS WORK SHALL BE PAID FOR PER DISTRICT 1 DETAIL TC-26. THESE SIGNS SHALL BE RELOCATED AS REQUIRED FOR EACH CONSTRUCTION STAGE AND SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THIS SIGN RELOCATION WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR TEMPORARY INFORMATION SIGNING.

20. PAVEMENT MARKING TAPE, TYPE IV (AND/OR TYPE III) SHOWN ON THE PLANS FOR ANY CONSTRUCTION STAGE THAT THE CONTRACTOR PROPOSES TO EXTEND OVER THE WINTER PERIOD SHALL MEAN MODIFIED URETHANE PAVEMENT MARKING AND WILL BE PAID FOR THEIR RESPECTIVE CONTRACT UNIT PRICE.

21. ALL EXISTING RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR STAGING SHALL BE REMOVED IF THE STAGING WILL REMAIN IN PLACE FOR MORE THAN 14 DAYS.

CONSTRUCTION STAGING

PRE-STAGE – TEMPORARY SIGNALS, UNDERGROUND WORK AND TEMPORARY PAVEMENT

1. INSTALL TEMPORARY TRAFFIC SIGNALS.

2. REMOVAL ALL NECESSARY ITEMS TO FACILITATE TEMPORARY PAVEMENT AND INSTALL TEMPORARY PAVEMENT AT LOCATIONS SHOWN ON THE PLANS.

3. REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT AFTER TEMPORARY SIGNALS HAVE BEEN ACCEPTED BY IDOT AND THE ENGINEER.

4. INSTALL ALL PROPOSED WATER MAIN AND STORM SEWER WITHIN THE INTERSECTION OF IL ROUTE 7 AND 7TH STREET. CONTRACTOR MAY, WITH WRITTEN APPROVAL FROM THE ENGINEER, INSTALL WATER MAIN AT ADDITIONAL LOCATIONS WITHIN THE PROJECT LIMITS UTILIZING DAILY LANE CLOSURES/FLAGGERS.

5. PLACE TEMPORARY PATCHING OVER ALL SEWER/UTILITY TRENCHES AS DIRECTED BY THE ENGINEER.

6. LANE CLOSURES FOR THE WORK DESCRIBED ABOVE SHALL BE IN ACCORDANCE WITH IDOT STANDARDS 701006, 701501, 701502, 701701 AND 701801 AND AS DIRECTED BY THE ENGINEER. ARROW BOARDS SHALL BE REQUIRED FOR LANE CLOSURES FOR TEMPORARY PAVEMENT INSTALLATION AND UNDERGROUND WORK.

7. PLACE TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL AS SHOWN ON THE STAGE 1 MAINTENANCE OF TRAFFIC PLANS. ANY EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE STAGE 1 PAVEMENT MARKINGS SHALL BE REMOVED.

STAGE 1 – RECONSTRUCT/WIDEN THE SOUTHEAST SIDE OF IL ROUTE 7 SOUTH OF 7TH STREET, WIDEN THE NORTHWEST SIDE OF IL ROUTE 7 NORTH OF 7TH STREET AND CONSTRUCT THE WEST PORTION (UPSTREAM END) OF THE PROPOSED BOX CULVERT AT STATION 54+00.

1. RELOCATE TEMPORARY TRAFFIC SIGNAL HEADS, AND RELOCATE TRAFFIC AS SHOWN ON THE STAGE 1 MAINTENANCE OF TRAFFIC SHEETS.

2. PROVIDE PEDESTRIAN ACCESS ROUTE THROUGH ENTIRE PROJECT LIMITS USING EXISTING SIDEWALK ON NORTHWEST SIDE OF IL ROUTE 7 SOUTH OF 7TH STREET AND THE EXISTING SIDEWALK ON THE SOUTHEAST SIDE OF IL ROUTE 7 NORTH OF 7TH STREET. CONTRACTOR SHALL MAINTAIN PEDESTRIAN TRAFFIC AT THE INTERSECTION OF IL ROUTE 7 AND 7TH STREET IN ACCORDANCE WITH THE SUPPLEMENTAL STAGING BELOW:

   a. **STAGE 1A –** CONTRACTOR SHALL CLOSE NORTHWEST CORNER AND PROVIDE CROSSWALKS BETWEEN THE SOUTHWEST, SOUTHEAST AND NORTHEAST CORNERS.
   b. **STAGE 1B –** CONTRACTOR SHALL CLOSE SOUTHEAST CORNER AND PROVIDE CROSSWALKS BETWEEN THE SOUTHWEST, NORTHWEST AND NORTHEAST CORNERS.

3. PLACE AND MAINTAIN SEDIMENT AND EROSION CONTROL MEASURES AS PER THE PLANS AND AS DIRECTED BY THE ENGINEER.

4. COMPLETE ALL WATER MAIN INSTALLATION SOUTH OF 7TH STREET.

5. COMPLETE ALL REMOVAL AND PROPOSED WORK AS SHOWN ON THE PLANS.

6. PLACE BINDER/BASE COURSE IN PROPOSED FULL DEPTH PAVEMENT LOCATIONS.

7. PLACE TEMPORARY PATCHING OVER ALL SEWER/UTILITY TRENCHES AND COMPLETED WIDENING AREAS AS DIRECTED BY THE ENGINEER.

8. COMPLETE PERMANENT OR TEMPORARY LANDSCAPING AS DIRECTED BY ENGINEER. NO SODDING SHALL BE PLACED BETWEEN JUNE 15TH AND SEPTEMBER 15TH UNLESS APPROVED IN WRITING BY THE ENGINEER.

9. RELOCATE/INSTALL PERMANENT SIGNAGE THAT IS NO LONGER IN CONFLICT WITH CONSTRUCTION.

10. PLACE TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL AS SHOWN ON THE STAGE 2 MAINTENANCE OF TRAFFIC PLANS. ANY EXISTING OR TEMPORARY PAVEMENT MARKINGS REMAINING FROM STAGE 1 IN CONFLICT WITH STAGE 2 PAVEMENT MARKINGS SHALL BE REMOVED.

STAGE 2 – RECONSTRUCT THE MIDDLE LANE OF IL ROUTE 7 SOUTH OF 7TH STREET AND CONSTRUCT THE MIDDLE PORTION THE PROPOSED BOX CULVERT AT STATION 54+00.

1. RELOCATE TEMPORARY TRAFFIC SIGNAL HEADS, AND RELOCATE TRAFFIC AS SHOWN ON THE STAGE 2 MAINTENANCE OF TRAFFIC SHEETS.

2. PROVIDE PEDESTRIAN ACCESS ROUTE FOR THE ENTIRE PROJECT LIMITS USING THE EXISTING AND COMPLETED SIDEWALK ON AT LEAST ONE SIDE OF IL ROUTE 7 AT ALL TIMES.

3. PLACE AND MAINTAIN SEDIMENT AND EROSION CONTROL MEASURES AS PER THE PLANS AND AS DIRECTED BY THE ENGINEER.

4. COMPLETE ALL REMOVAL AND PROPOSED WORK AS SHOWN ON THE PLANS.

5. PLACE BINDER/BASE COURSE IN PROPOSED FULL DEPTH PAVEMENT LOCATIONS.

6. PLACE TEMPORARY PATCHING OVER ALL SEWER/UTILITY TRENCHES AND COMPLETED WIDENING AREAS AS DIRECTED BY THE ENGINEER.

7. COMPLETE PERMANENT OR TEMPORARY LANDSCAPING AS DIRECTED BY ENGINEER. NO SODDING SHALL BE PLACED BETWEEN JUNE 15TH AND SEPTEMBER 15TH UNLESS APPROVED IN WRITING BY THE ENGINEER.

8. RELOCATE/INSTALL PERMANENT SIGNAGE THAT IS NO LONGER IN CONFLICT WITH CONSTRUCTION.

9. PLACE TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL AS SHOWN ON THE STAGE 3 MAINTENANCE OF TRAFFIC PLANS. ANY EXISTING OR TEMPORARY PAVEMENT MARKINGS REMAINING FROM STAGE 2 IN CONFLICT WITH STAGE 3 PAVEMENT MARKINGS SHALL BE REMOVED.

STAGE 3 – RECONSTRUCT/WIDEN THE NORTHWEST SIDE OF IL ROUTE 7 SOUTH OF 7TH STREET, WIDEN THE SOUTHEAST SIDE OF IL ROUTE 7 NORTH OF 7TH STREET AND CONSTRUCT THE EAST PORTION (UPSTREAM END) OF THE PROPOSED BOX CULVERT AT STATION 54+00.

1. RELOCATE TEMPORARY TRAFFIC SIGNAL HEADS, AND RELOCATE TRAFFIC AS SHOWN ON THE STAGE 2 MAINTENANCE OF TRAFFIC SHEETS.

2. PROVIDE PEDESTRIAN ACCESS ROUTE THROUGH ENTIRE PROJECT LIMITS USING EXISTING AND COMPLETED SIDEWALK ON SOUTHEAST SIDE OF IL ROUTE 7 SOUTH OF 7TH STREET AND THE EXISTING AND COMPLETED SIDEWALK ON THE NORTHWEST SIDE OF IL ROUTE 7 NORTH OF 7TH STREET. CONTRACTOR SHALL MAINTAIN PEDESTRIAN TRAFFIC AT THE INTERSECTION OF IL ROUTE 7 AND 7TH STREET IN ACCORDANCE WITH THE SUPPLEMENTAL STAGING BELOW:

   a. **STAGE 3A –** CONTRACTOR SHALL CLOSE SOUTHWEST CORNER AND PROVIDE CROSSWALKS BETWEEN THE SOUTHEAST, NORTHEAST AND NORTHWEST CORNERS.
   b. **STAGE 3B –** CONTRACTOR SHALL CLOSE NORTHEAST CORNER AND PROVIDE CROSSWALKS BETWEEN THE SOUTHEAST, SOUTHWEST AND NORTHWEST CORNERS.

3. PLACE AND MAINTAIN SEDIMENT AND EROSION CONTROL MEASURES AS PER THE PLANS AND AS DIRECTED BY THE ENGINEER.

4. COMPLETE ALL WATER MAIN INSTALLATION NORT OF 7TH STREET.

5. COMPLETE ALL REMOVAL AND PROPOSED WORK AS SHOWN ON THE PLANS.

6. PLACE BINDER/BASE COURSE IN PROPOSED FULL DEPTH PAVEMENT LOCATIONS.

7. PLACE TEMPORARY PATCHING OVER ALL SEWER/UTILITY TRENCHES AND COMPLETED WIDENING AREAS AS DIRECTED BY THE ENGINEER.

11. COMPLETE PERMANENT OR TEMPORARY LANDSCAPING AS DIRECTED BY ENGINEER. NO SODDING SHALL BE PLACED BETWEEN JUNE 15TH AND SEPTEMBER 15TH UNLESS APPROVED IN WRITING BY THE ENGINEER.

12. RELOCATE/INSTALL PERMANENT SIGNAGE THAT IS NO LONGER IN CONFLICT WITH CONSTRUCTION.

8. UPON COMPLETION, PLACE ANY REQUIRED TEMPORARY OR SHORT-TERM PAVEMENT MARKINGS FOR REMAINING WORK. ANY EXISTING OR TEMPORARY PAVEMENT MARKINGS REMAINING FROM STAGE 3 IN CONFLICT WITH STAGE 4 PAVEMENT MARKINGS SHALL BE REMOVED.

STAGE 4 – PLACEMENT OF FINAL SURFACE

1. COMPLETE FINAL PERMANENT LANDSCAPING.

2. COMPLETE ANY REMAINING HMA SURFACE REMOVAL AND CLEAN (SWEEP) PRIOR TO PLACING POLYMERIZED HMA BINDER COURSE, IL-4.75 AND SURFACE COURSE.

3. PLACE ALL POLYMERIZED HMA BINDER COURSE, IL-4.75 AND ALL HMA SURFACE COURSE.

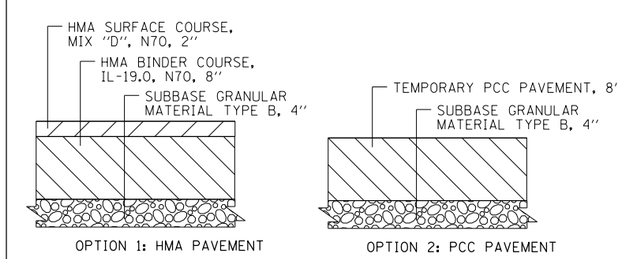
4. PLACE FINAL PAVEMENT MARKINGS.

5. COMPLETE ANY REMAINING PUNCH LIST ITEMS.

6. LANE CLOSURES FOR THE WORK DESCRIBED ABOVE SHALL BE IN ACCORDANCE WITH IDOT STANDARDS 701006, 701501, 701502 AND 701701 AND AS DIRECTED BY THE ENGINEER.

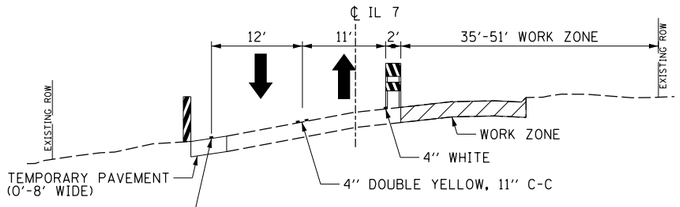
7. UPON APPROVAL FROM THE ENGINEER, REMOVE ALL TEMPORARY EROSION CONTROL ITEMS.

TEMPORARY PAVEMENT

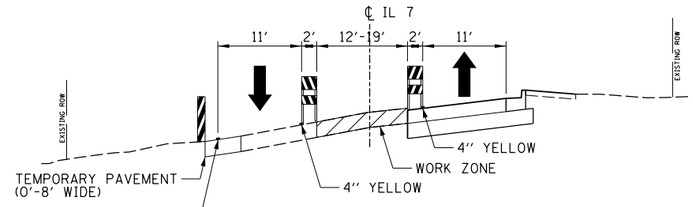


NOTES:

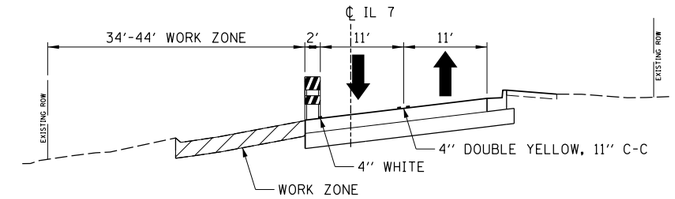
1. CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING TEMPORARY PAVEMENT USING EITHER HMA OR PCC PAVEMENT. THE HMA OR PCC PAVEMENT SHALL BE PAID FOR AS TEMPORARY PAVEMENT REGARDLESS OF MATERIAL CHOSEN, AND THE SUBBASE GRANULAR MATERIAL SHALL BE PAID FOR SEPARATELY.



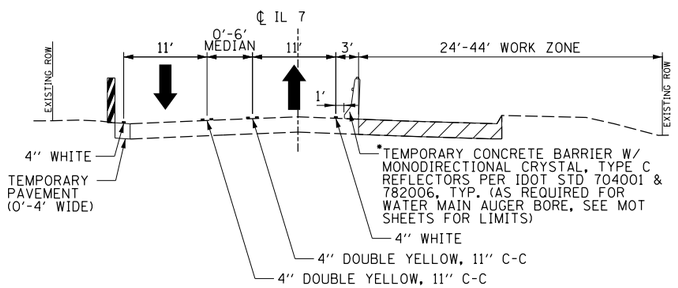
STAGE 1 TYPICAL SECTION
STA 31+00 TO STA 45+00



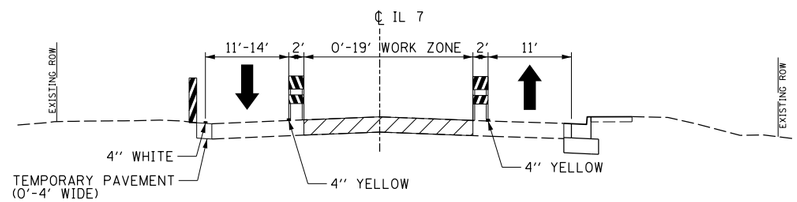
STAGE 2 TYPICAL SECTION
STA 31+00 TO STA 45+00



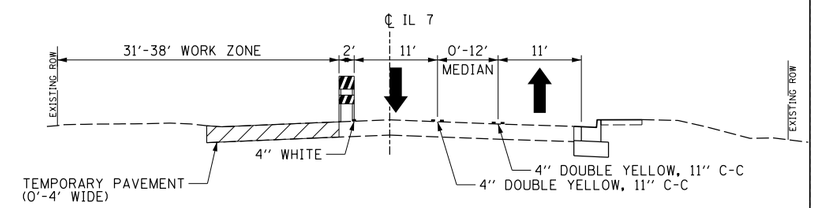
STAGE 3 TYPICAL SECTION
STA 31+00 TO STA 45+00



STAGE 1 TYPICAL SECTION
STA 45+00 TO STA 50+15
(7TH STREET INTERSECTION OMITTED
FROM TYPICAL SECTIONS)

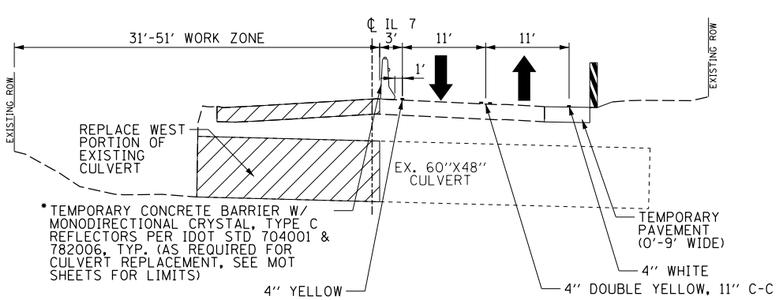


STAGE 2 TYPICAL SECTION
STA 45+00 TO STA 50+15
(7TH STREET INTERSECTION OMITTED
FROM TYPICAL SECTIONS)

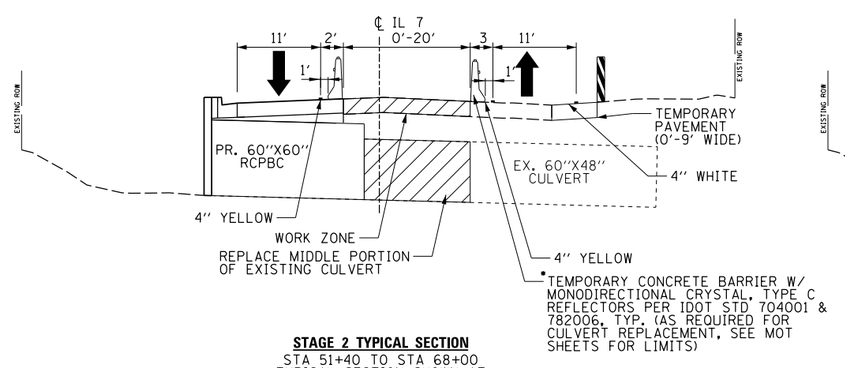


STAGE 3 TYPICAL SECTION
STA 45+00 TO STA 50+15
(7TH STREET INTERSECTION OMITTED
FROM TYPICAL SECTIONS)

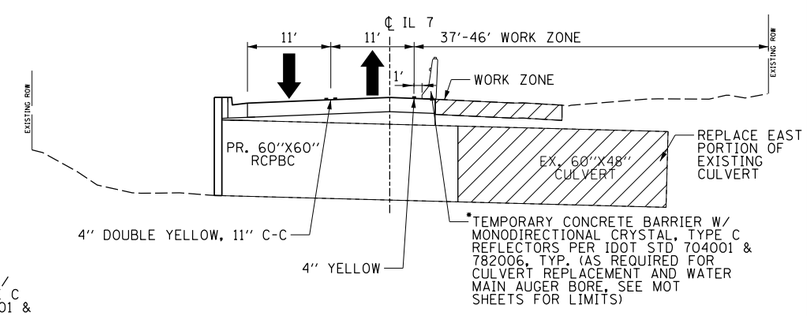
•TYPE C REFLECTORS FOR TEMPORARY CONCRETE BARRIER SHALL BE CONSIDERED INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER



STAGE 1 TYPICAL SECTION
STA 51+40 TO STA 68+00
TYPICAL SECTION SHOWN AT
CULVERT CROSSING (APPROX. STA 54+00)



STAGE 2 TYPICAL SECTION
STA 51+40 TO STA 68+00
TYPICAL SECTION SHOWN AT
CULVERT CROSSING (APPROX. STA 54+00)



STAGE 3 TYPICAL SECTION
STA 51+40 TO STA 68+00
TYPICAL SECTION SHOWN AT
CULVERT CROSSING (APPROX. STA 54+00)

CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = N.T.S.	CHECKED - BMW	REVISED -	
PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS (CONT.)

SCALE: N.T.S | SHEET 2 OF 2 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	39
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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END WORK ZONE SPEED LIMIT
G20-1103
6036

CONNECT WORK ZONE PAVEMENT MARKINGS TO EXISTING PERMANENT MARKINGS

W1-6 (O)
6030
(ABOVE BARRICADE)

ROAD CONSTRUCTION AHEAD
W20-1103(O) 36 & M6-4(O) 21X15

EXISTING STOP SIGN TO REMAIN IN PLACE

LINCOLN STREET

STOP
R1-1
3030

9:1 TAPER (93')
21' C-C
11:1 TAPER (163')

SEE ADVANCED SIGNING DETAIL

E. 9th STREET (IL RT.7)

MATCH LINE STA. 35+00

SCALE IN FEET

200' ± 200' ± 200' ± 200' ±

ROAD CONSTRUCTION AHEAD — W20-1103(O) 48
9'-6" — 4848
W1-4 (O) 48
WORK ZONE SPEED LIMIT 35 — PHOTO ENFORCED — $250 FINE MINIMUM — W2-1115(O)-3618, R2-1-3648, R10-1108P-3618, R2-1106-3618
W21-1 (O) 48

ADVANCED SIGNING DETAIL

* ONLY WHEN WORKERS ARE PRESENT

LEGEND

1	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, 11" C-C (DOUBLE YELLOW)
2	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, (WHITE)
3	TEMP. PAVEMENT MARKING 4", TY. IV TAPE (YELLOW)
4	TEMP. PAVEMENT MARKING 6", TY. IV TAPE (WHITE)
5	TEMP. PAVEMENT MARKING 6", 2' DASH 6' SKIP, TY. IV TAPE (WHITE)
6	TEMP. PAVEMENT MARKING 12" DIAGONAL, TY. IV TAPE (YELLOW) (75' C-C TYP., MIN. 5)
7	TEMP. PAVEMENT MARKING 12", TY. IV TAPE (WHITE)
8	TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS, TY. IV TAPE
9	TEMP. PAVEMENT MARKING 24", TY. IV TAPE (WHITE)

WORK ZONE
TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE (SEE MOT TYP. SECTIONS)
TYPE III BARRICADE W/ LIGHTS
WORK ZONE SIGN
TRAFFIC FLOW
TEMPORARY PAVEMENT (INSTALLED DURING PRE-STAGE)

EXISTING PACE BUS STOP SHALL BE OPEN DURING STAGE 1 CONSTRUCTION. CONTRACTOR SHALL COORDINATE SCHEDULES WITH PACE.

MATCH LINE STA. 35+00

E. 9th STREET (IL RT.7)

MATCH LINE STA. 41+00

GARFIELD AVENUE

GRANDVIEW AVENUE

ROAD CONSTRUCTION AHEAD
W20-1103(O) 36 & M6-4(O) 21X15

STOP
R1-1
3030

PACE BUS STOP SHALL BE CLOSED DURING STAGE 1 CONSTRUCTION, CONTRACTOR SHALL COORDINATE SCHEDULES WITH PACE

CHRISTOPHER B. BURKE ENGINEERING, LTD.
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Lockport, Illinois 60441
(815) 770-2850

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	DRAWN - AJS	REVISED -	
PLOT SCALE = 20'	CHECKED - BMW	REVISED -	
PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 1

SCALE: 20' | SHEET 1 OF 15 SHEETS | STA. 29+00 TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	40
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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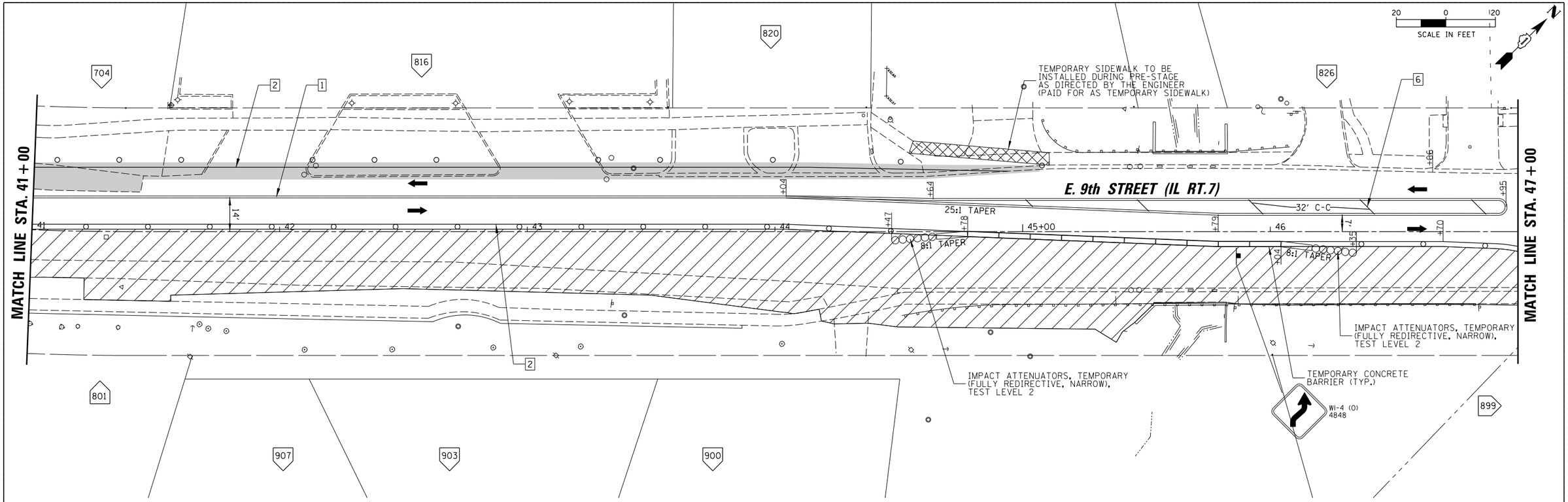

LEGEND

1	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, 11" C-C (DOUBLE YELLOW)	WORK ZONE
2	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, (WHITE)	TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE (SEE MOT TYP. SECTIONS)
3	TEMP. PAVEMENT MARKING 4", TY. IV TAPE (YELLOW)	
4	TEMP. PAVEMENT MARKING 6", TY. IV TAPE (WHITE)	
5	TEMP. PAVEMENT MARKING 6", 2' DASH 6' SKIP, TY. IV TAPE (WHITE)	TYPE III BARRICADE W/ LIGHTS
6	TEMP. PAVEMENT MARKING 12" DIAGONAL, TY. IV TAPE (YELLOW) (75' C-C TYP., MIN. 5)	WORK ZONE SIGN
7	TEMP. PAVEMENT MARKING 12", TY. IV TAPE (WHITE)	TRAFFIC FLOW
8	TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS, TY. IV TAPE	
9	TEMP. PAVEMENT MARKING 24", TY. IV TAPE (WHITE)	TEMPORARY PAVEMENT (INSTALLED DURING PRE-STAGE)

CHRISTOPHER B. BURKE ENGINEERING, LTD.
15221 W. 159th Street, Suite 201
Lockport, Illinois 60441
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	DRAWN - AJS	REVISED -	
PLOT SCALE = 20'	CHECKED - BMW	REVISED -	
PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 1

SCALE: 20' | SHEET 2 OF 15 SHEETS | STA. 41+00 TO STA. 47+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	41

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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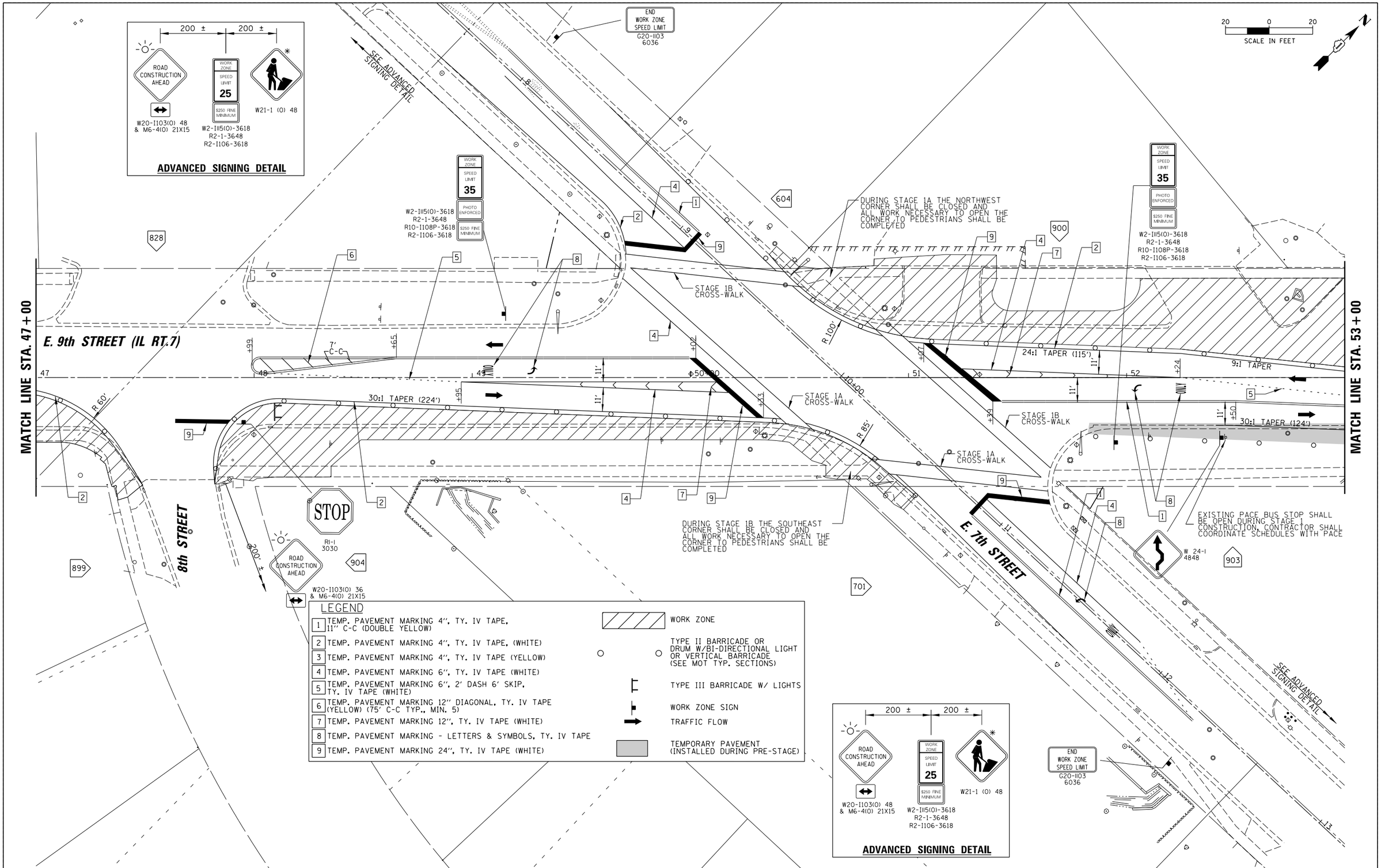

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		DRAWN - AJS	REVISED -
	PLOT SCALE = 20'	CHECKED - BMW	REVISED -
	PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 1

SCALE: 20' | SHEET 3 OF 15 SHEETS | STA. 47+00 TO STA. 53+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	42
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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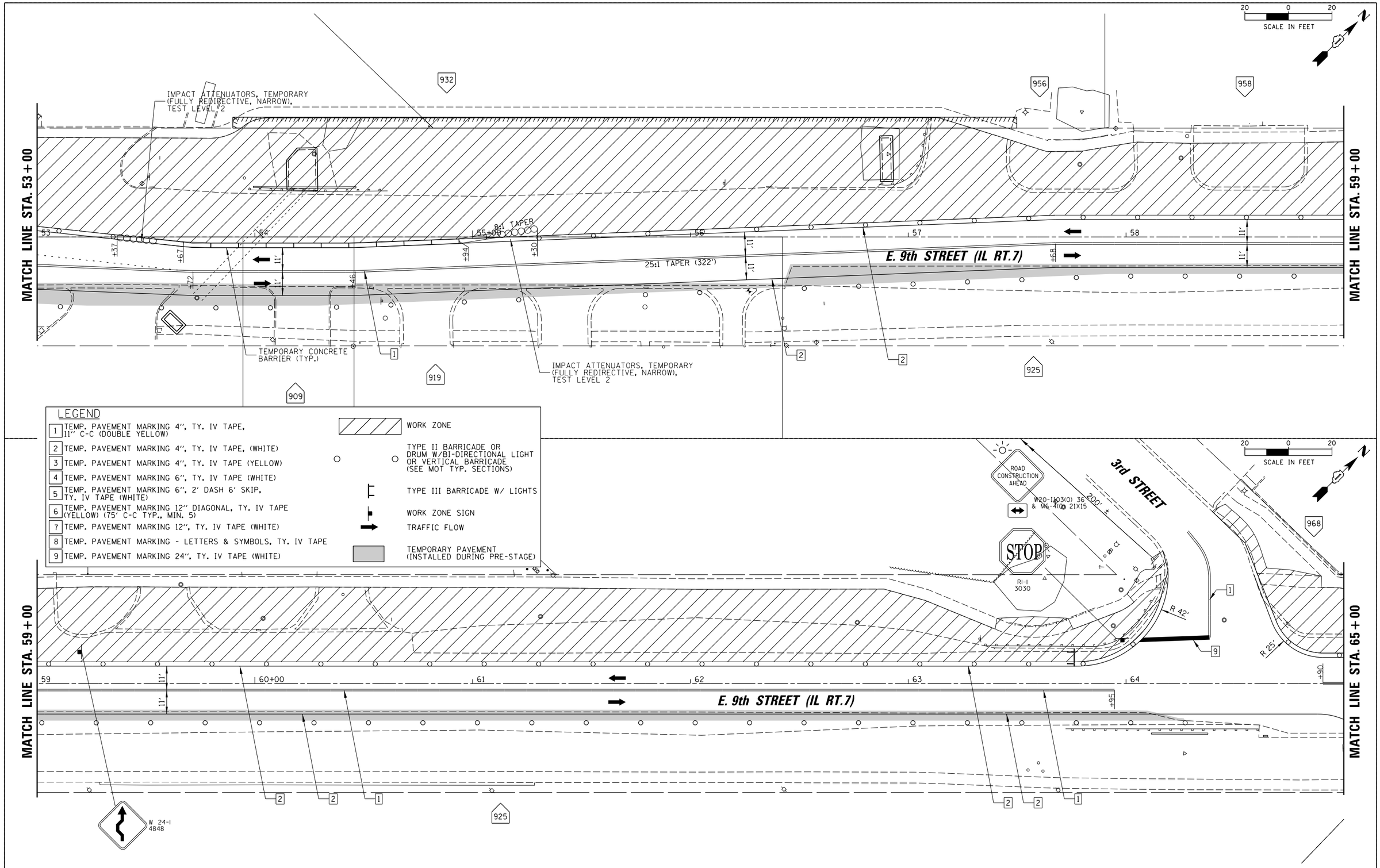

CHRISTOPHER B. BURKE ENGINEERING, LTD. 15221 W. 159th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850	USER NAME = aschaefer	DESIGNED - AJS	REVISED -
		DRAWN - AJS	REVISED -
	PLOT SCALE = 20'	CHECKED - BMW	REVISED -
	PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 1

SCALE: 20' | SHEET 4 OF 15 SHEETS | STA. 53+00 TO STA. 65+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	43
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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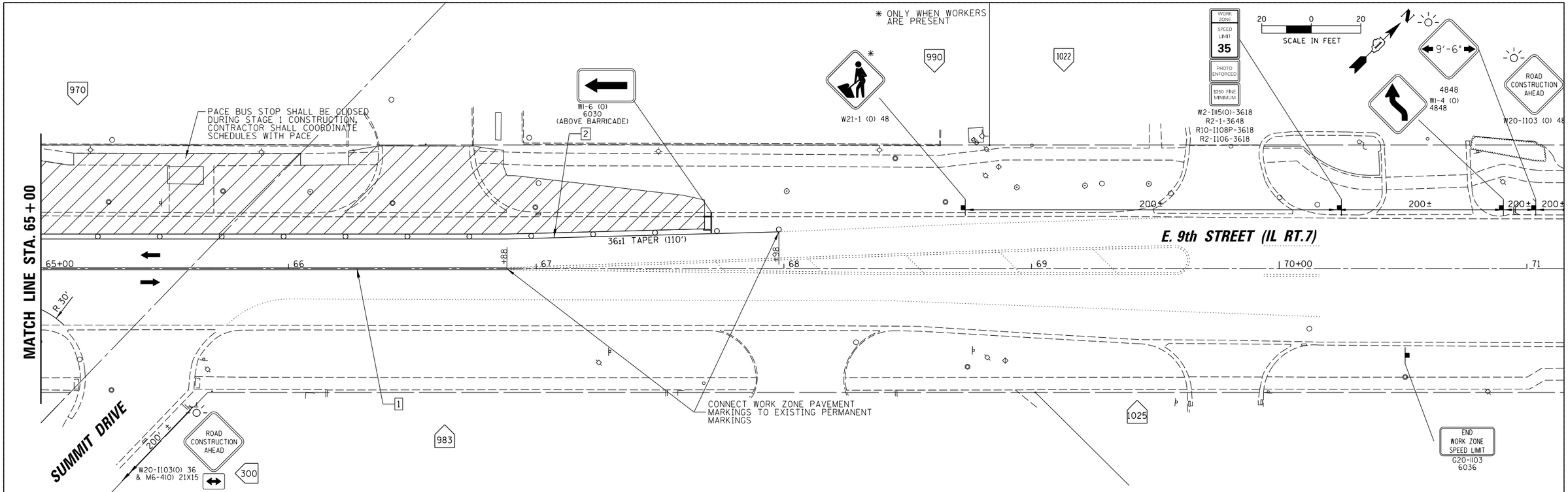


LEGEND

1	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, 11" C-C (DOUBLE YELLOW)
2	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, (WHITE)
3	TEMP. PAVEMENT MARKING 4", TY. IV TAPE (YELLOW)
4	TEMP. PAVEMENT MARKING 6", TY. IV TAPE (WHITE)
5	TEMP. PAVEMENT MARKING 6", 2' DASH 6' SKIP, TY. IV TAPE (WHITE)
6	TEMP. PAVEMENT MARKING 12" DIAGONAL, TY. IV TAPE (YELLOW) (75' C-C TYP., MIN. 5)
7	TEMP. PAVEMENT MARKING 12", TY. IV TAPE (WHITE)
8	TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS, TY. IV TAPE
9	TEMP. PAVEMENT MARKING 24", TY. IV TAPE (WHITE)

WORK ZONE

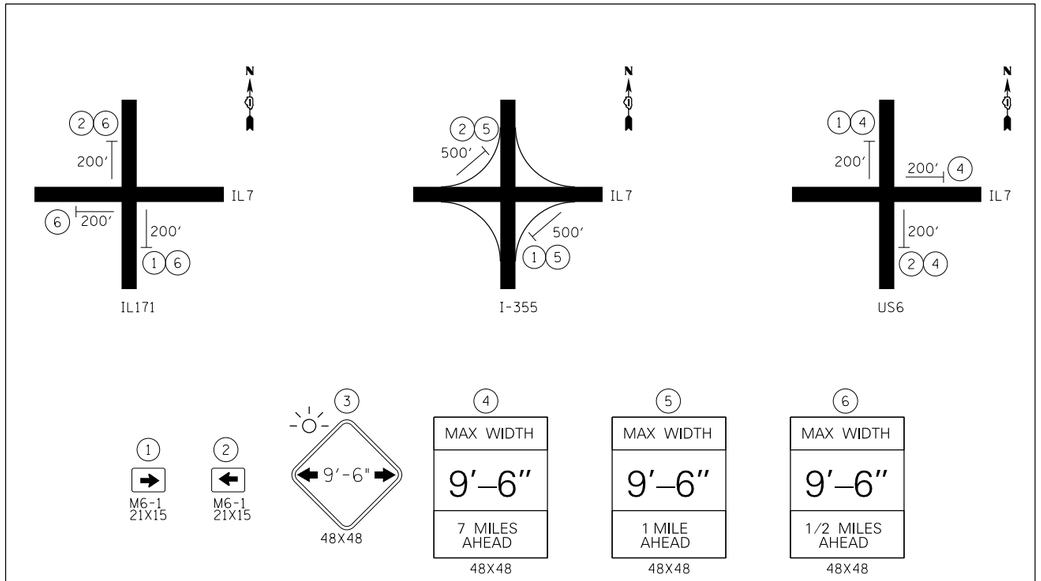
TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE (SEE MOT TYP. SECTIONS)

TYPE III BARRICADE W/ LIGHTS

WORK ZONE SIGN

TRAFFIC FLOW

TEMPORARY PAVEMENT (INSTALLED DURING PRE-STAGE)



ADVANCED MAX-WIDTH SIGNING DETAIL

CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 20'	CHECKED - BMW	REVISED -	
PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 1

SCALE: 20' | SHEET 5 OF 15 SHEETS | STA. 65+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	44
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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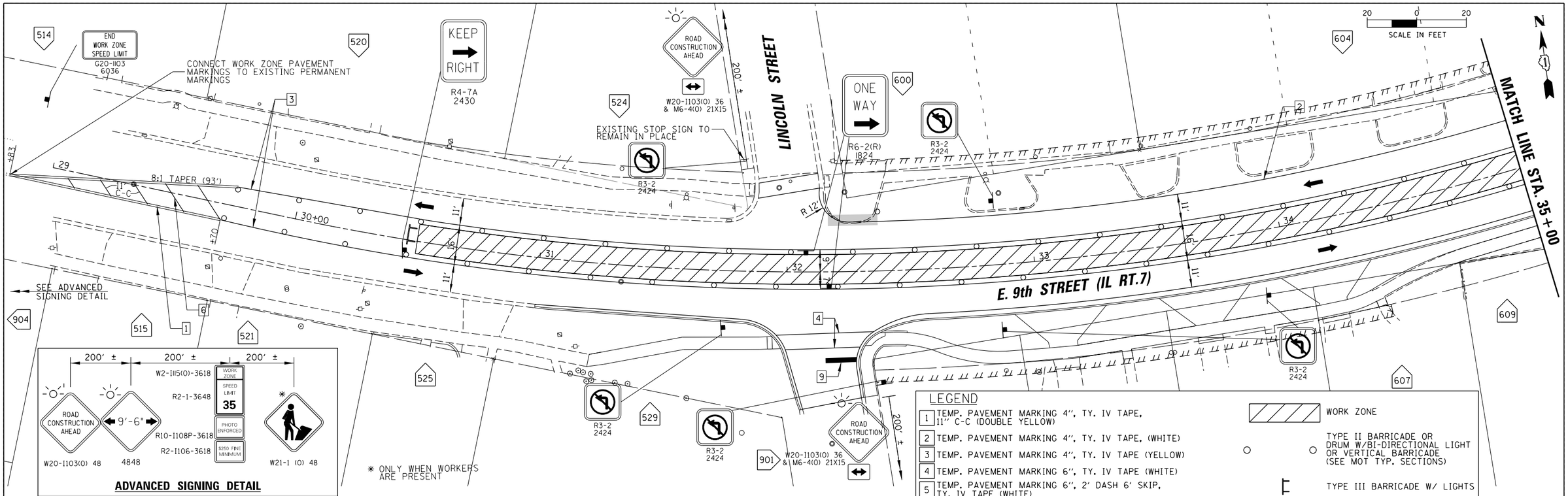
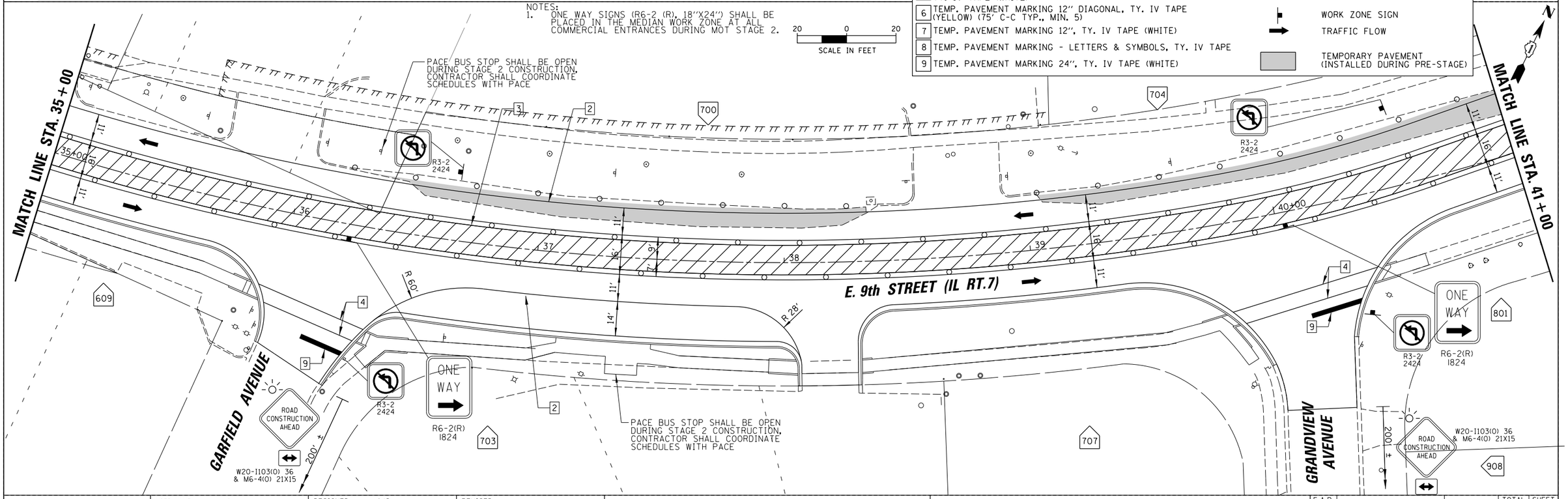


NOTES:
1. ONE WAY SIGNS (R6-2 (R), 18"X24") SHALL BE PLACED IN THE MEDIAN WORK ZONE AT ALL COMMERCIAL ENTRANCES DURING MOT STAGE 2.

LEGEND

1	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, 11" C-C (DOUBLE YELLOW)	WORK ZONE
2	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, (WHITE)	TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE (SEE MOT TYP. SECTIONS)
3	TEMP. PAVEMENT MARKING 4", TY. IV TAPE (YELLOW)	TYPE III BARRICADE W/ LIGHTS
4	TEMP. PAVEMENT MARKING 6", TY. IV TAPE (WHITE)	WORK ZONE SIGN
5	TEMP. PAVEMENT MARKING 6", 2' DASH 6' SKIP, TY. IV TAPE (WHITE)	TRAFFIC FLOW
6	TEMP. PAVEMENT MARKING 12" DIAGONAL, TY. IV TAPE (YELLOW) (75' C-C TYP., MIN. 5)	TEMPORARY PAVEMENT (INSTALLED DURING PRE-STAGE)
7	TEMP. PAVEMENT MARKING 12", TY. IV TAPE (WHITE)	
8	TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS, TY. IV TAPE	
9	TEMP. PAVEMENT MARKING 24", TY. IV TAPE (WHITE)	



CHRISTOPHER B. BURKE ENGINEERING, LTD. 16221 W. 159th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2800	USER NAME = aschaefer	DESIGNED - AJS	REVISED -
		DRAWN - AJS	REVISED -
	PLOT SCALE = 20'	CHECKED - BMW	REVISED -
	PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 2

SCALE: 20' | SHEET 6 OF 15 SHEETS | STA. 29+00 TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	45
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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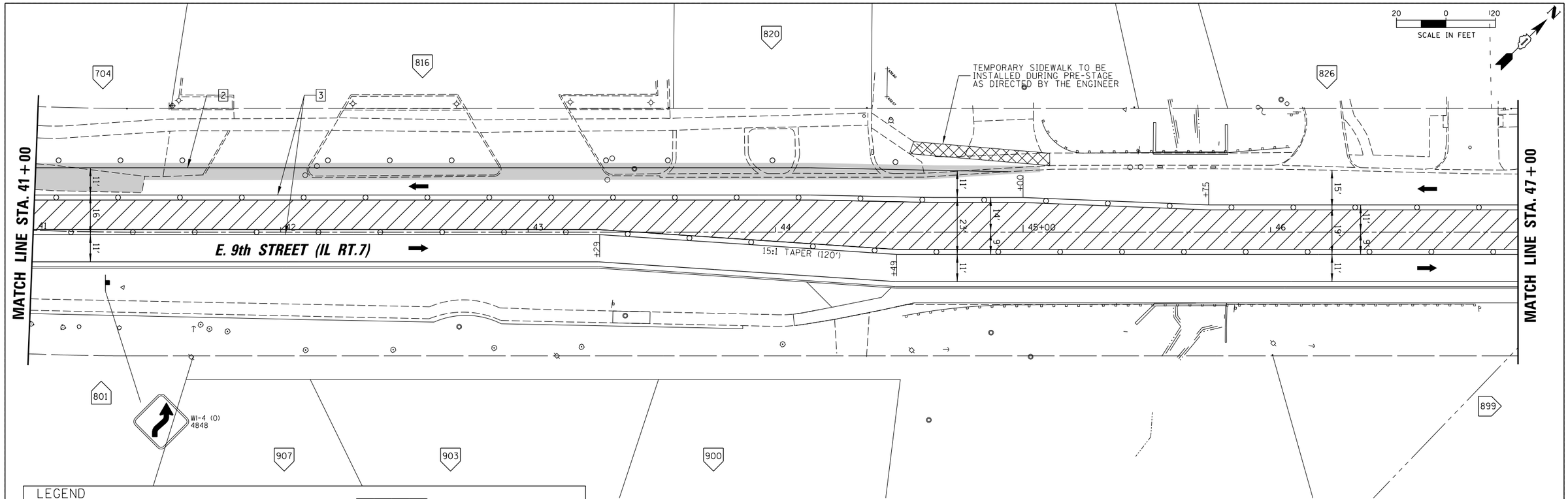

LEGEND

1	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, 11" C-C (DOUBLE YELLOW)		WORK ZONE
2	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, (WHITE)		TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE (SEE MOT TYP. SECTIONS)
3	TEMP. PAVEMENT MARKING 4", TY. IV TAPE (YELLOW)		
4	TEMP. PAVEMENT MARKING 6", TY. IV TAPE (WHITE)		
5	TEMP. PAVEMENT MARKING 6", 2' DASH 6' SKIP, TY. IV TAPE (WHITE)		TYPE III BARRICADE W/ LIGHTS
6	TEMP. PAVEMENT MARKING 12" DIAGONAL, TY. IV TAPE (YELLOW) (75' C-C TYP., MIN. 5)		WORK ZONE SIGN
7	TEMP. PAVEMENT MARKING 12", TY. IV TAPE (WHITE)		TRAFFIC FLOW
8	TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS, TY. IV TAPE		TEMPORARY PAVEMENT (INSTALLED DURING PRE-STAGE)
9	TEMP. PAVEMENT MARKING 24", TY. IV TAPE (WHITE)		

NOTES:
1. ONE WAY SIGNS (R6-2 (R), 18"X24") SHALL BE PLACED IN THE MEDIAN WORK ZONE AT ALL COMMERCIAL ENTRANCES DURING MOT STAGE 2.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
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	DRAWN - AJS	REVISED -	
PLOT SCALE = 20'	CHECKED - BMW	REVISED -	
PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 2

SCALE: 20' | SHEET 7 OF 15 SHEETS | STA. 41+00 TO STA. 47+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	46

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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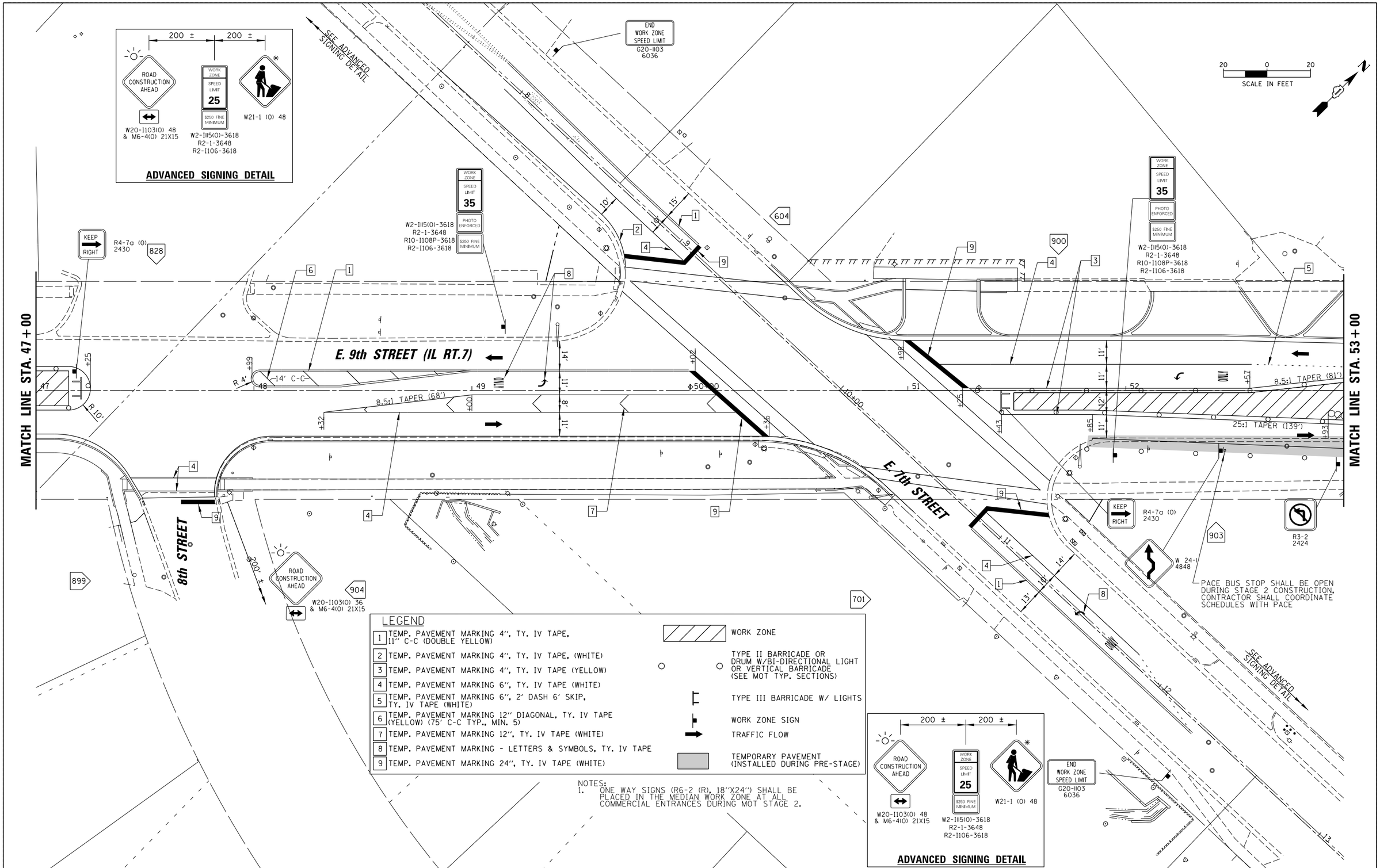

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16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 20'	CHECKED - BMW	REVISED -	
PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 2

SCALE: 20' | SHEET 8 OF 15 SHEETS | STA. 47+00 TO STA. 53+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	47
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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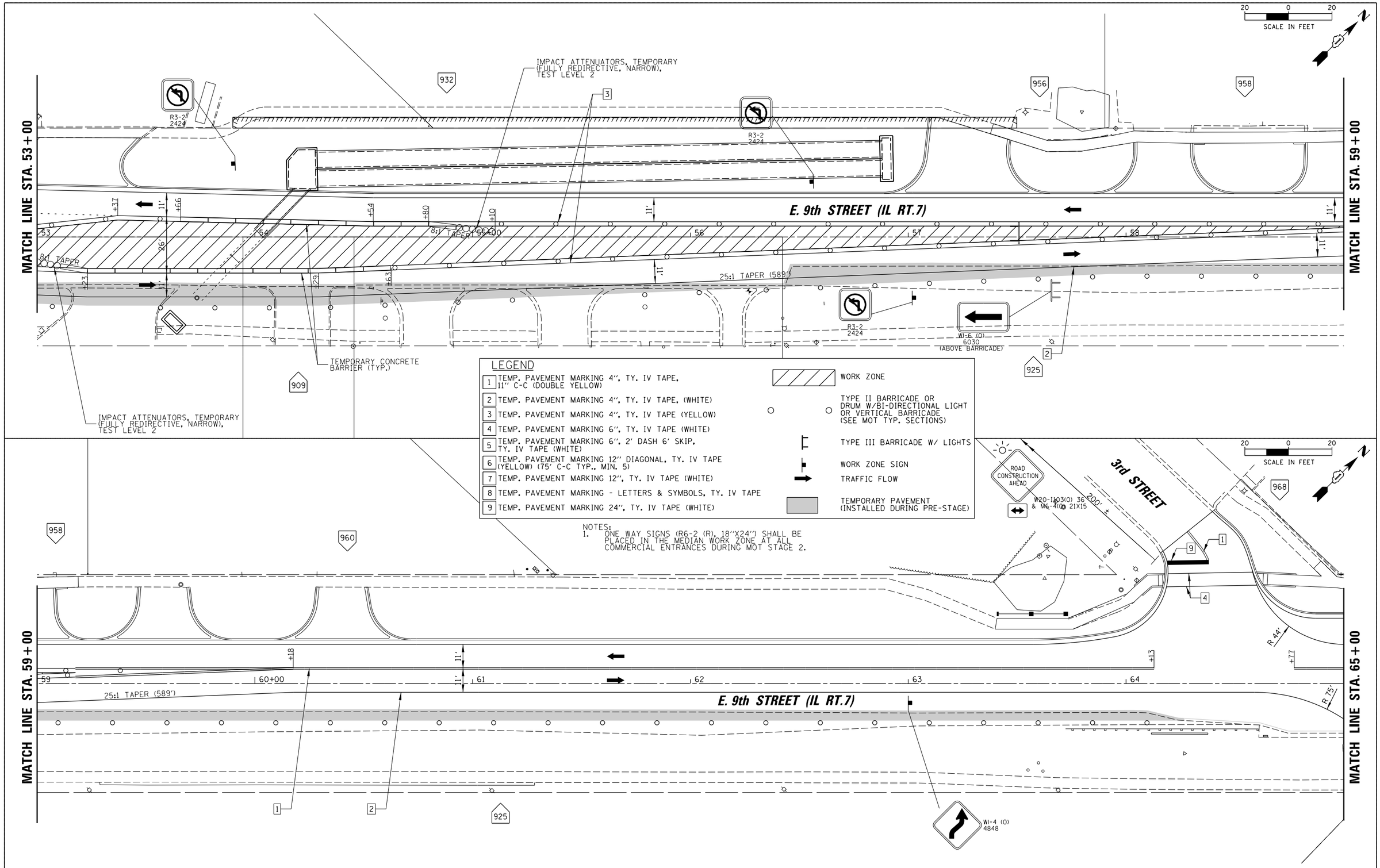

LEGEND

1	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, 11" C-C (DOUBLE YELLOW)
2	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, (WHITE)
3	TEMP. PAVEMENT MARKING 4", TY. IV TAPE (YELLOW)
4	TEMP. PAVEMENT MARKING 6", TY. IV TAPE (WHITE)
5	TEMP. PAVEMENT MARKING 6", 2' DASH 6' SKIP, TY. IV TAPE (WHITE)
6	TEMP. PAVEMENT MARKING 12" DIAGONAL, TY. IV TAPE (YELLOW) (75' C-C TYP., MIN. 5)
7	TEMP. PAVEMENT MARKING 12", TY. IV TAPE (WHITE)
8	TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS, TY. IV TAPE
9	TEMP. PAVEMENT MARKING 24", TY. IV TAPE (WHITE)

WORK ZONE

TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE (SEE MOT TYP. SECTIONS)

TYPE III BARRICADE W/ LIGHTS

WORK ZONE SIGN

TRAFFIC FLOW

TEMPORARY PAVEMENT (INSTALLED DURING PRE-STAGE)

NOTES:
1. ONE WAY SIGNS (R6-2 (R), 18"X24") SHALL BE PLACED IN THE MEDIAN WORK ZONE AT ALL COMMERCIAL ENTRANCES DURING MOT STAGE 2.

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	DRAWN - AJS	REVISED -	
PLOT SCALE = 20'	CHECKED - BMW	REVISED -	
PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 2

SCALE: 20' | SHEET 9 OF 15 SHEETS | STA. 53+00 TO STA. 65+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	48
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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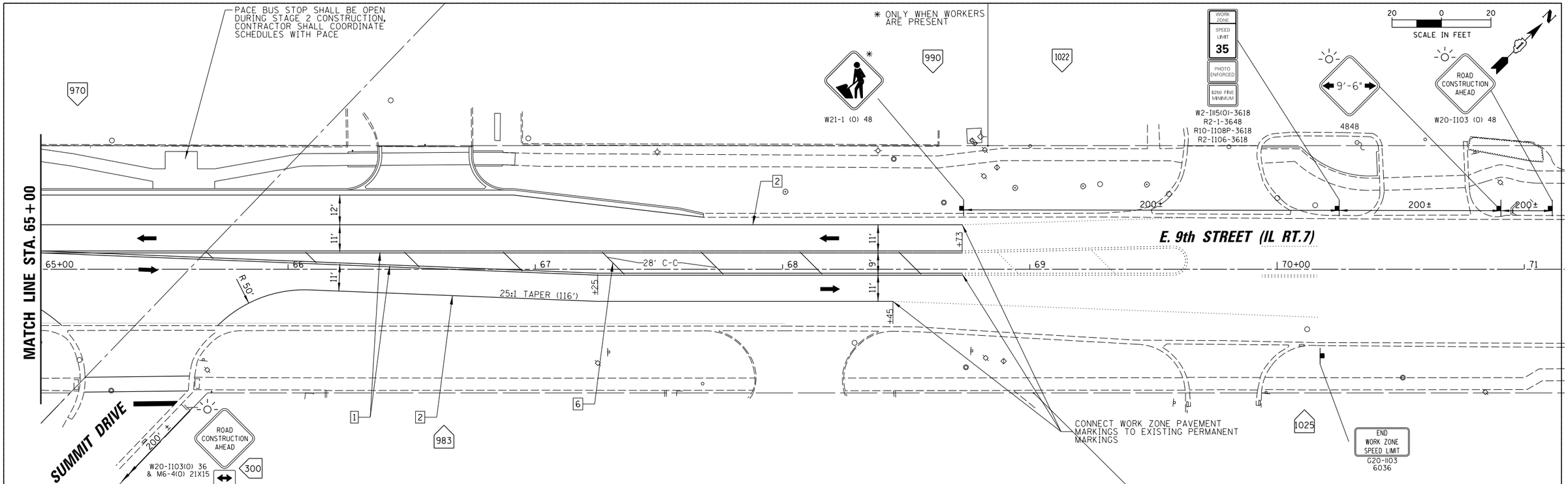


LEGEND

1	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, 11" C-C (DOUBLE YELLOW)
2	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, (WHITE)
3	TEMP. PAVEMENT MARKING 4", TY. IV TAPE (YELLOW)
4	TEMP. PAVEMENT MARKING 6", TY. IV TAPE (WHITE)
5	TEMP. PAVEMENT MARKING 6", 2' DASH 6' SKIP, TY. IV TAPE (WHITE)
6	TEMP. PAVEMENT MARKING 12" DIAGONAL, TY. IV TAPE (YELLOW) (75' C-C TYP., MIN. 5)
7	TEMP. PAVEMENT MARKING 12", TY. IV TAPE (WHITE)
8	TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS, TY. IV TAPE
9	TEMP. PAVEMENT MARKING 24", TY. IV TAPE (WHITE)

WORK ZONE

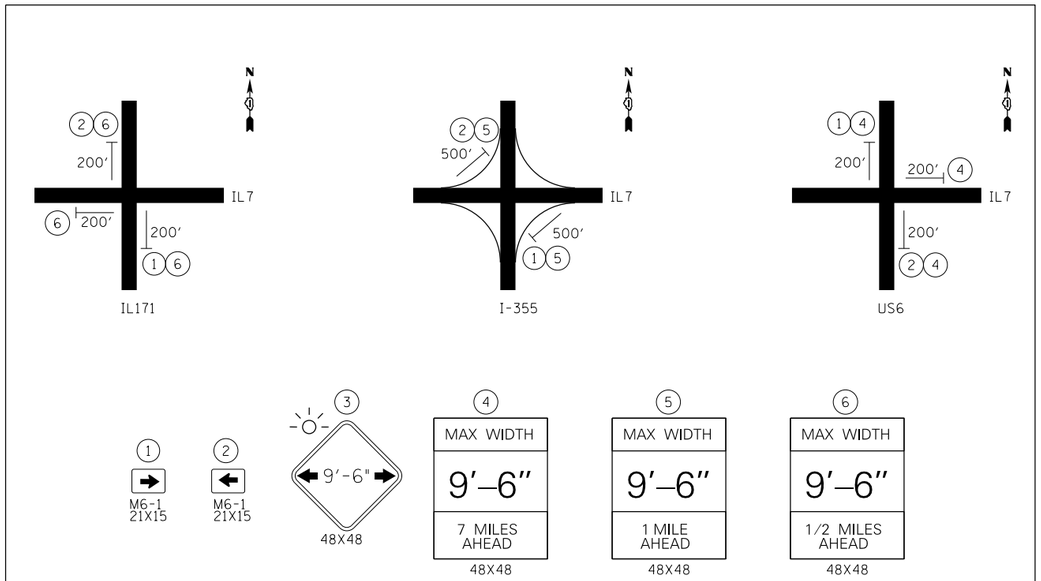
TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE (SEE MOT TYP. SECTIONS)

TYPE III BARRICADE W/ LIGHTS

WORK ZONE SIGN

TRAFFIC FLOW

TEMPORARY PAVEMENT (INSTALLED DURING PRE-STAGE)



ADVANCED MAX-WIDTH SIGNING DETAIL

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15221 W. 159th Street, Suite 201
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PLOT SCALE = 20'	CHECKED - BMW	REVISED -
PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 2

SCALE: 20' | SHEET 10 OF 15 SHEETS | STA. 65+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	49
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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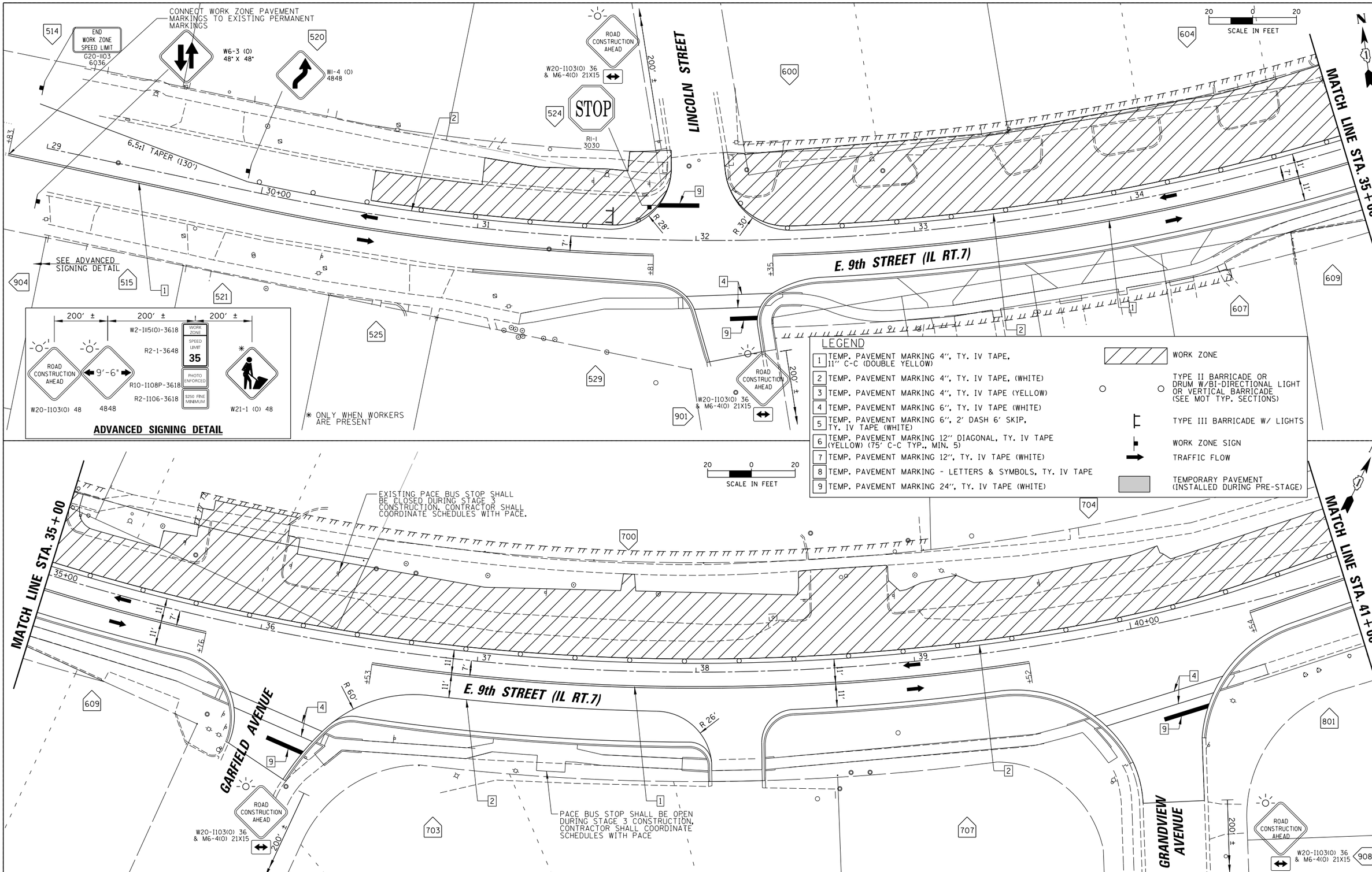

CHRISTOPHER B. BURKE ENGINEERING, LTD. 16221 W. 159th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2800	USER NAME = aschaefer	DESIGNED - AJS	REVISED -
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	PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 3

SCALE: 20' | SHEET 11 OF 15 SHEETS | STA. 29+00 TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	50
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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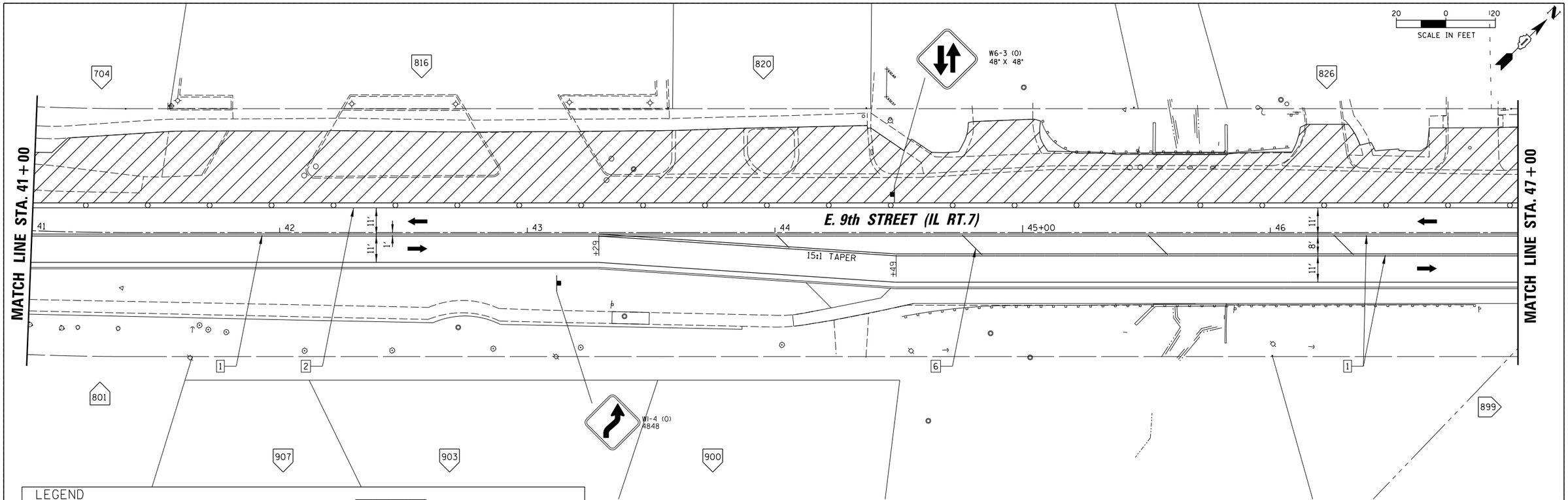

LEGEND

1	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, 11" C-C (DOUBLE YELLOW)	WORK ZONE
2	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, (WHITE)	TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE (SEE MOT TYP. SECTIONS)
3	TEMP. PAVEMENT MARKING 4", TY. IV TAPE (YELLOW)	
4	TEMP. PAVEMENT MARKING 6", TY. IV TAPE (WHITE)	
5	TEMP. PAVEMENT MARKING 6", 2' DASH 6' SKIP, TY. IV TAPE (WHITE)	TYPE III BARRICADE W/ LIGHTS
6	TEMP. PAVEMENT MARKING 12" DIAGONAL, TY. IV TAPE (YELLOW) (75' C-C TYP., MIN. 5)	WORK ZONE SIGN
7	TEMP. PAVEMENT MARKING 12", TY. IV TAPE (WHITE)	TRAFFIC FLOW
8	TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS, TY. IV TAPE	TEMPORARY PAVEMENT (INSTALLED DURING PRE-STAGE)
9	TEMP. PAVEMENT MARKING 24", TY. IV TAPE (WHITE)	

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PLOT SCALE = 20'	CHECKED - BMW	REVISED -
PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 3

SCALE: 20' | SHEET 12 OF 15 SHEETS | STA. 41+00 TO STA. 47+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	51

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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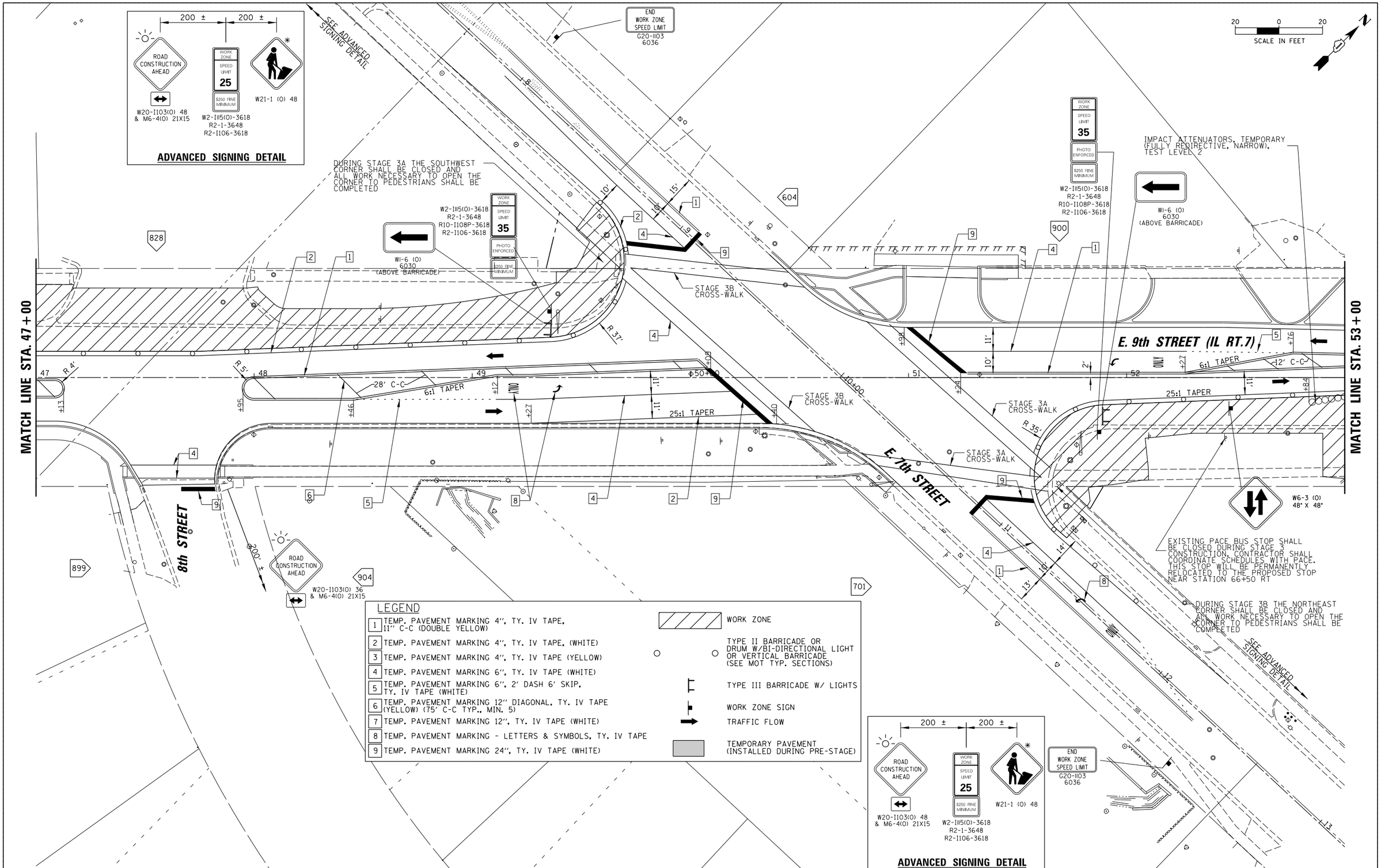

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PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 3

SCALE: 20' | SHEET 13 OF 15 SHEETS | STA. 47+00 TO STA. 53+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	52
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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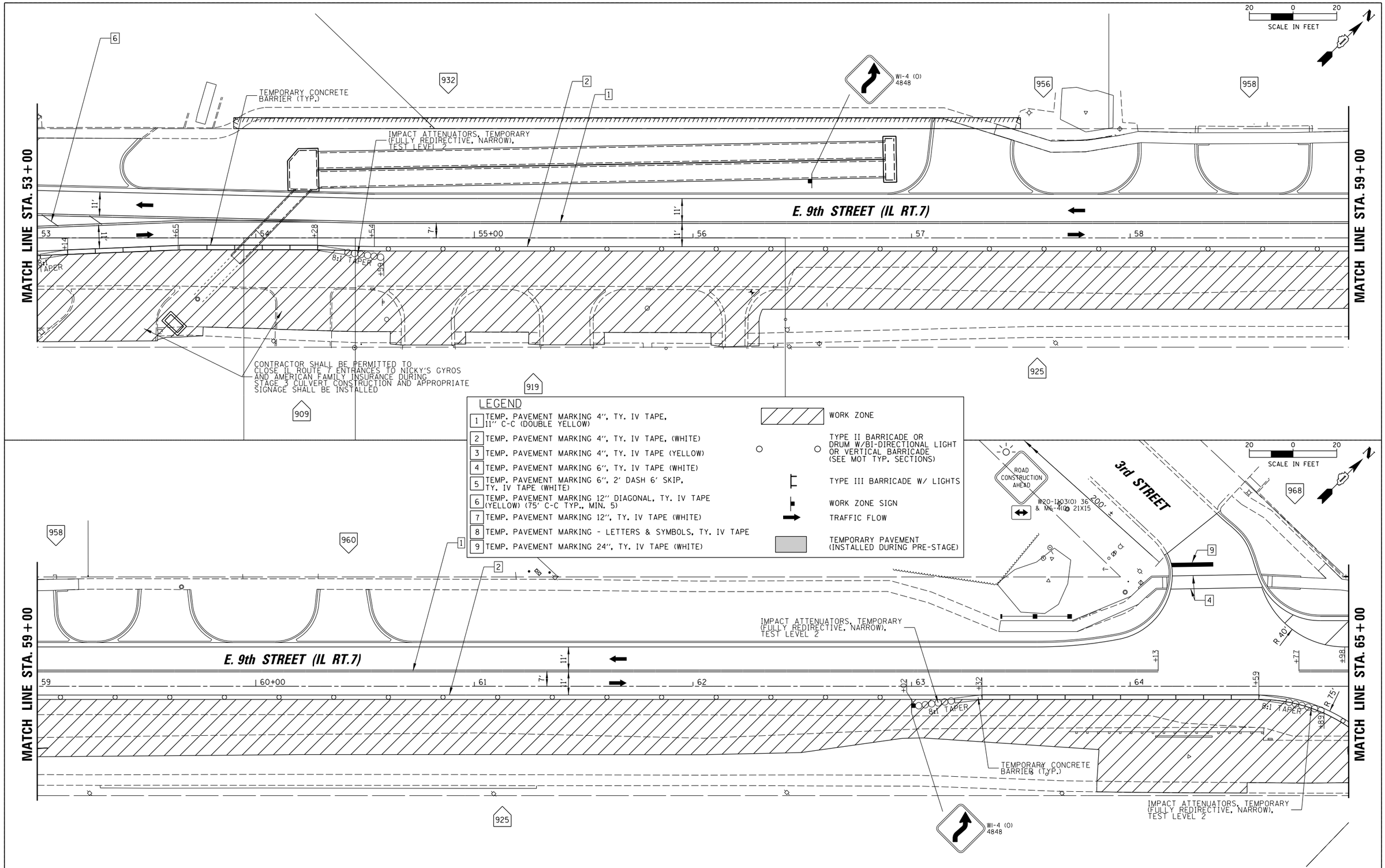

LEGEND

1	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, 11" C-C (DOUBLE YELLOW)
2	TEMP. PAVEMENT MARKING 4", TY. IV TAPE, (WHITE)
3	TEMP. PAVEMENT MARKING 4", TY. IV TAPE (YELLOW)
4	TEMP. PAVEMENT MARKING 6", TY. IV TAPE (WHITE)
5	TEMP. PAVEMENT MARKING 6", 2' DASH 6' SKIP, TY. IV TAPE (WHITE)
6	TEMP. PAVEMENT MARKING 12" DIAGONAL, TY. IV TAPE (YELLOW) (75' C-C TYP., MIN. 5)
7	TEMP. PAVEMENT MARKING 12", TY. IV TAPE (WHITE)
8	TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS, TY. IV TAPE
9	TEMP. PAVEMENT MARKING 24", TY. IV TAPE (WHITE)

WORK ZONE

TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE (SEE MOT TYP. SECTIONS)

TYPE III BARRICADE W/ LIGHTS

WORK ZONE SIGN

TRAFFIC FLOW

TEMPORARY PAVEMENT (INSTALLED DURING PRE-STAGE)

CHRISTOPHER B. BURKE ENGINEERING, LTD.
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PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 3

SCALE: 20' | SHEET 14 OF 15 SHEETS | STA. 53+00 TO STA. 65+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	53

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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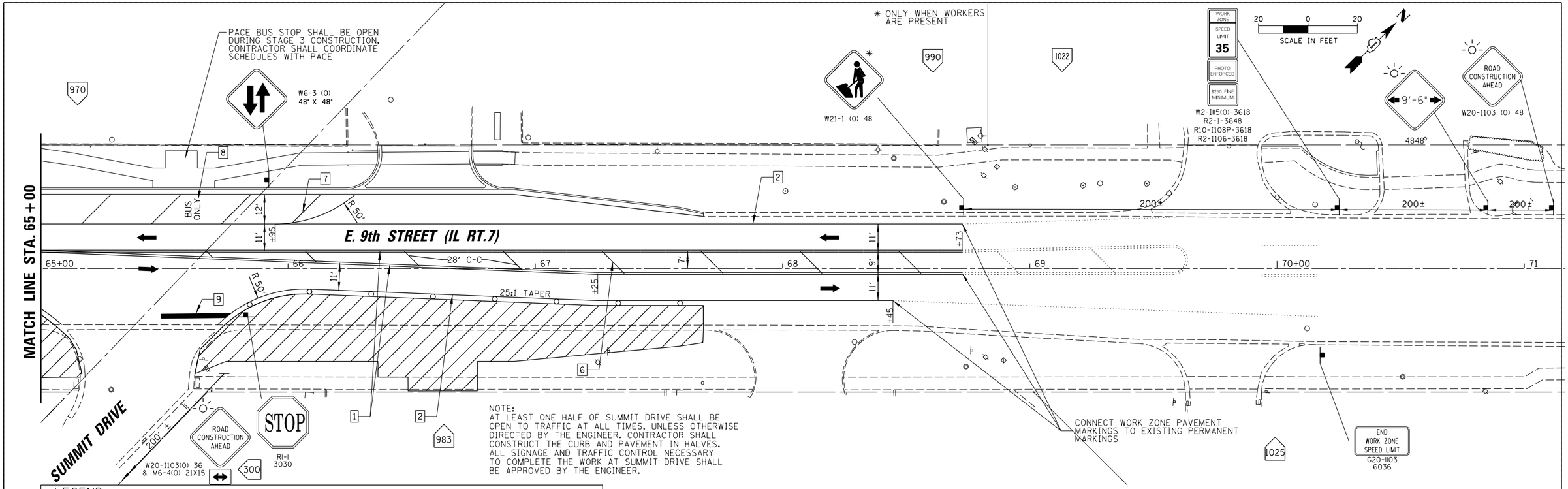


LEGEND

1. TEMP. PAVEMENT MARKING 4", TY. IV TAPE, 11" C-C (DOUBLE YELLOW)
2. TEMP. PAVEMENT MARKING 4", TY. IV TAPE, (WHITE)
3. TEMP. PAVEMENT MARKING 4", TY. IV TAPE (YELLOW)
4. TEMP. PAVEMENT MARKING 6", TY. IV TAPE (WHITE)
5. TEMP. PAVEMENT MARKING 6", 2' DASH 6' SKIP, TY. IV TAPE (WHITE)
6. TEMP. PAVEMENT MARKING 12" DIAGONAL, TY. IV TAPE (YELLOW) (75' C-C TYP., MIN. 5)
7. TEMP. PAVEMENT MARKING 12", TY. IV TAPE (WHITE)
8. TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS, TY. IV TAPE
9. TEMP. PAVEMENT MARKING 24", TY. IV TAPE (WHITE)

WORK ZONE

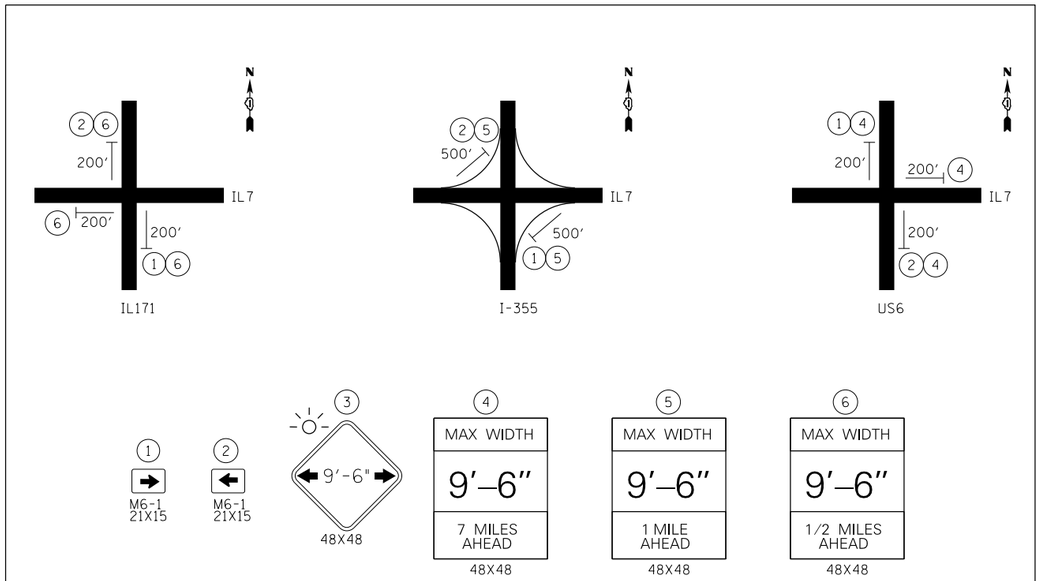
TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE (SEE MOT TYP. SECTIONS)

TYPE III BARRICADE W/ LIGHTS

WORK ZONE SIGN

TRAFFIC FLOW

TEMPORARY PAVEMENT (INSTALLED DURING PRE-STAGE)



ADVANCED MAX-WIDTH SIGNING DETAIL

CHRISTOPHER B. BURKE ENGINEERING, LTD.
15221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 20'	CHECKED - BMW	REVISED -	
PLOT DATE = 12/9/2023	DATE - 12/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
MAINTENANCE OF TRAFFIC – STAGE 3

SCALE: 20' | SHEET 15 OF 15 SHEETS | STA. 65+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	54
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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SOIL EROSION CONTROL AND SEDIMENT CONTROL NOTES

1. SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.

2. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED AT MINIMUM ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. A COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL (SESC) PLAN MUST BE MAINTAINED ON THE SITE AT ALL TIMES.

3. THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE CITY, OR THEIR AUTHORIZED REPRESENTATIVE. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.

4. THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.

5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DIVERT ALL WATER (GROUND, STORM, AND CONSTRUCTION) DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREAS FREED OF WATER, BYPASS PUMPING, INCLUDING SILT BAGS AND AN ENERGY DISSIPATION SURFACE FOR THE PUMPS, SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER OR WATER MAIN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SIZE THE PUMPS APPROPRIATELY.

6. DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE PLACED IN A STABILIZED SUMP PIT OR FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.

7. SEDIMENT CONTROL BMPS SHALL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OF LEAVES THE SITE. THESE LOCATIONS SHALL BE DETERMINED IN THE FIELD, AS NEEDED. GRAVELED ROADS, RUMBLE STRIPS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, MUST BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAY MUST BE REMOVED IMMEDIATELY.

8. STOCK PILES OR SOIL MUST NOT BE LOCATED IN FLOOD PLAINS, RIPARIAN AREAS (VEGETATED FLOOD PLAINS), WETLANDS AND WATERS OF THE U.S., UNLESS OTHERWISE AUTHORIZED BY THE RELEVANT PERMITTING AUTHORITY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, PERIMETER SEDIMENT BARRIER MUST BE PROVIDED AT THE CONTRACTOR'S EXPENSE.

9. ALL PROPOSED AND EXISTING STORM SEWER INLET STRUCTURES (INCLUDING INLETS LOCATED WITHIN THE HAUL ROUTES) MUST BE PROTECTED WITH STORM SEWER INLET PROTECTION (I.E. INLET FILTERS) PER INLET PROTECTION DETAILS IN THE PLANS.

10. STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS FOLLOWS:

    - WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

    - ON AREAS WHERE CONSTRUCTION ACTIVITY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD CAN BE USED.

11. THE CITY SHALL PROVIDE A QUALIFIED PERSON WHO WILL BE RESPONSIBLE FOR CONDUCTING SITE INSPECTIONS IN COMPLIANCE WITH THE ILR10 NPDES PERMIT. AFTER EACH INSPECTION, A REPORT SHOULD BE PREPARED BY THE PERSON WHO PERFORMED THE INSPECTION. THE INSPECTION REPORT SHOULD BE MAINTAINED ON SITE AS PART OF THE PLAN. INSPECTIONS SHOULD BE CONDUCTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM, OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY, THAT IS 0.5 INCHES OR GREATER.

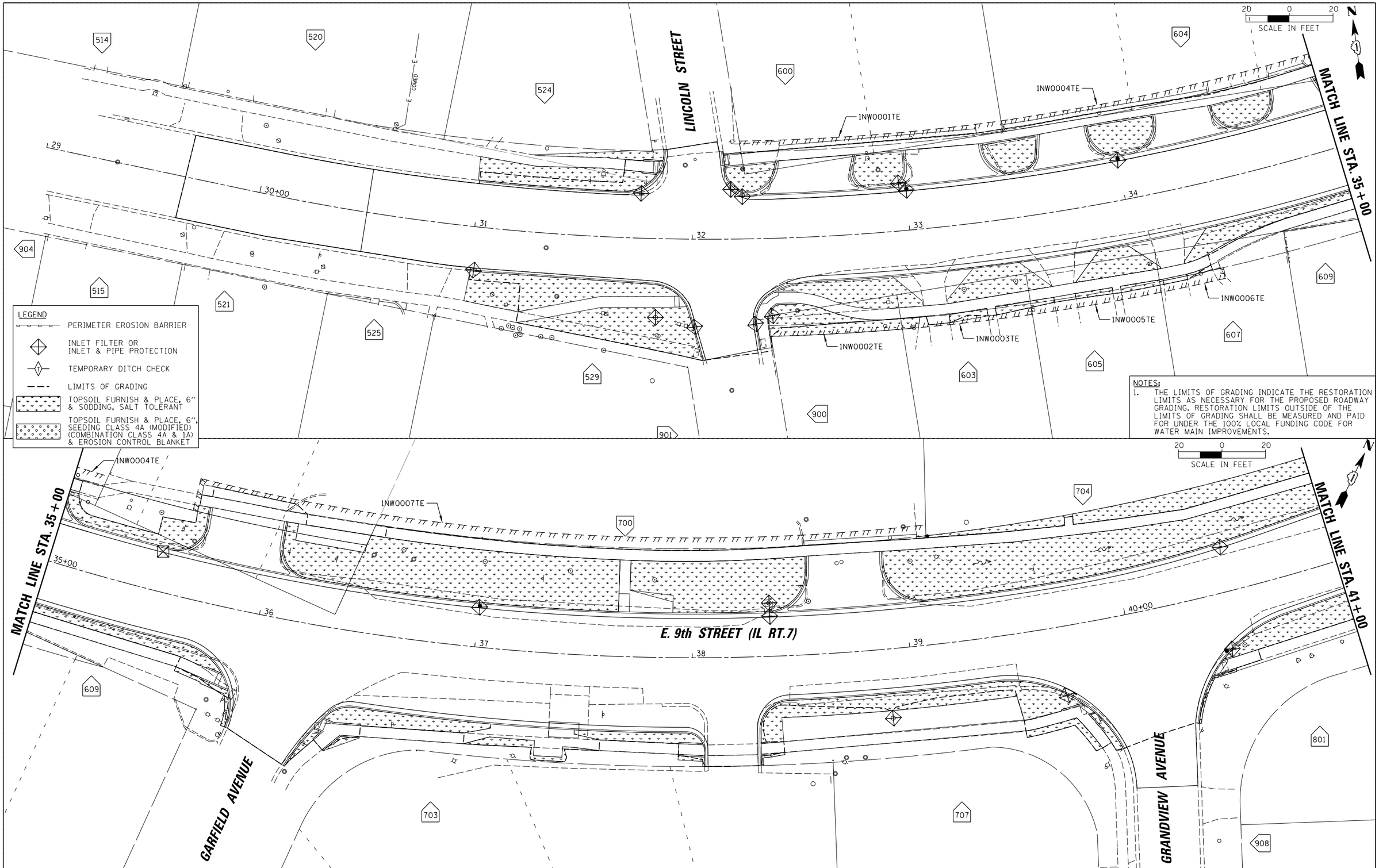
    INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. INSPECTIONS MUST COMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS A 0.5" OR GREATER RAIN EVENT, OR DISCHARGE DUE TO SNOWMELT OCCURS.

12. THE WILL / SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT (WSCSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

13. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS, A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE WSCSWCD.

14. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE WSCSWCD.

15. IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S), WHO MAY PERFORM WORK ON THIS SITE/PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.



NOTES:

1. THE LIMITS OF GRADING INDICATE THE RESTORATION LIMITS AS NECESSARY FOR THE PROPOSED ROADWAY GRADING. RESTORATION LIMITS OUTSIDE OF THE LIMITS OF GRADING SHALL BE MEASURED AND PAID FOR UNDER THE 100% LOCAL FUNDING CODE FOR WATER MAIN IMPROVEMENTS.

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PLOT SCALE = 20'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
EROSION & SEDIMENT CONTROL PLAN

SCALE: 20' | SHEET 1 OF 4 SHEETS | STA. 29+00 TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	56

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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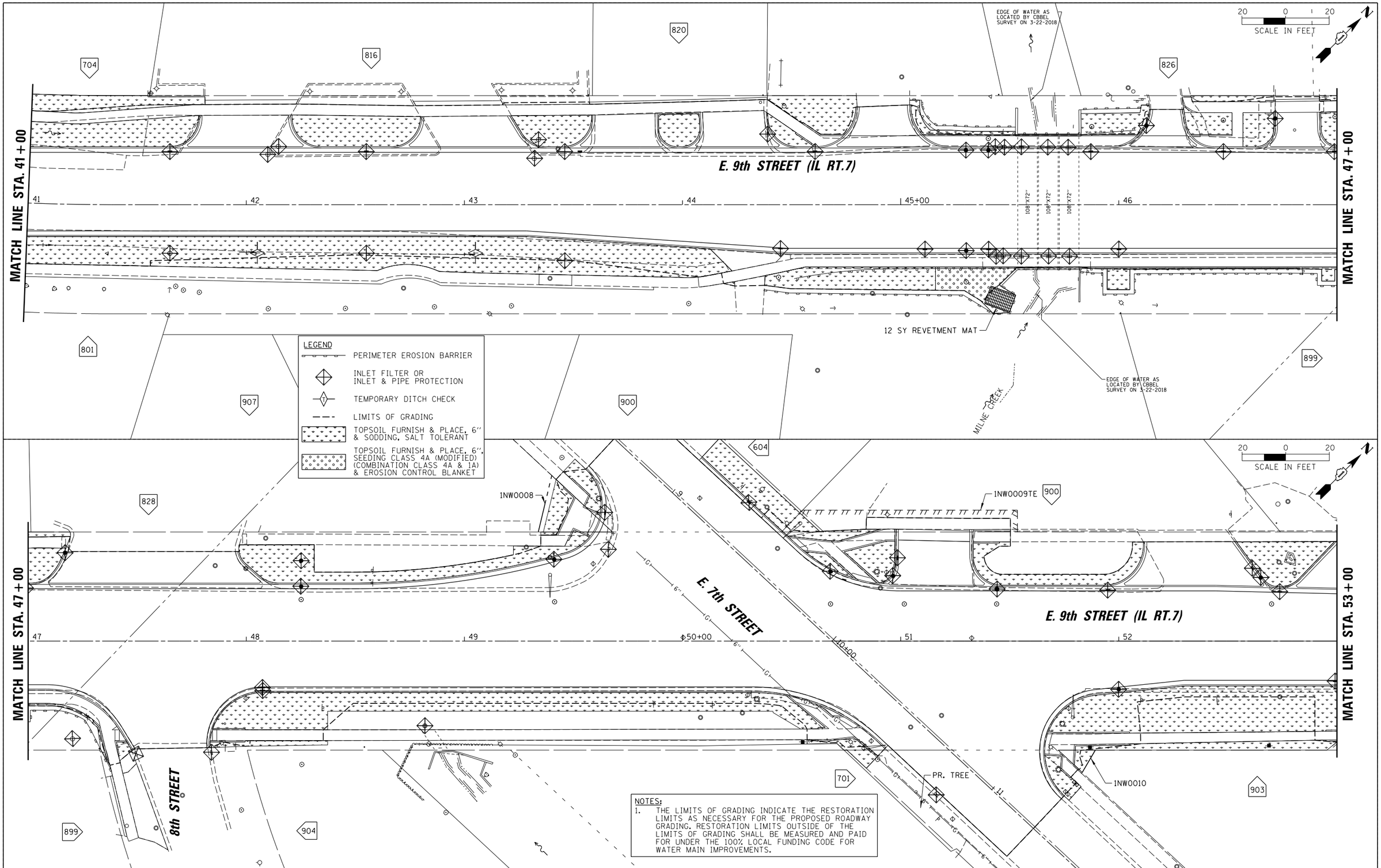

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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
EROSION & SEDIMENT CONTROL PLAN

SCALE: 20' | SHEET 2 OF 4 SHEETS | STA. 41+00 TO STA. 53+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	57
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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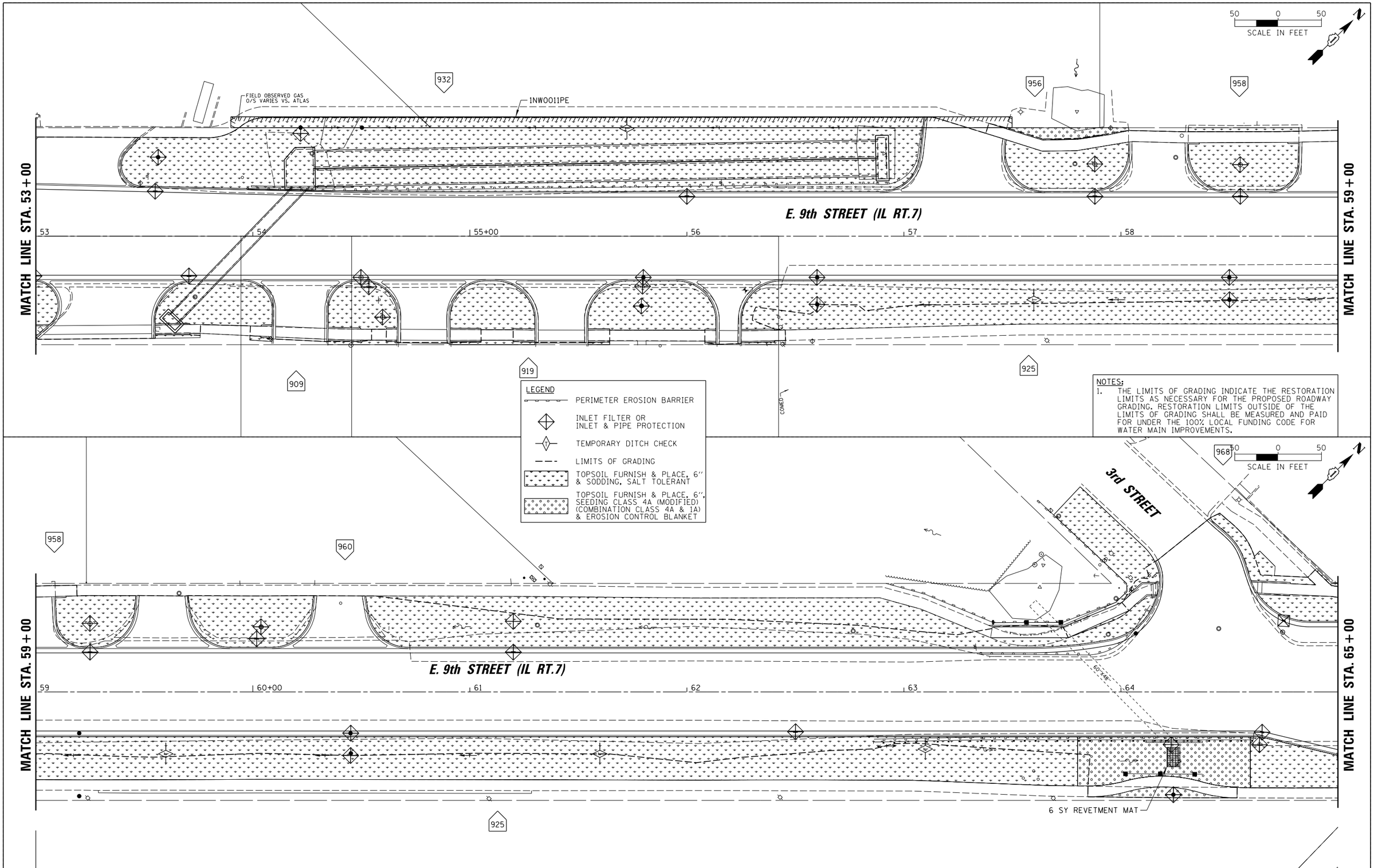

LEGEND

- PERIMETER EROSION BARRIER
- INLET FILTER OR INLET & PIPE PROTECTION
- TEMPORARY DITCH CHECK
- LIMITS OF GRADING
- TOPSOIL FURNISH & PLACE, 6" & SODDING, SALT TOLERANT
- TOPSOIL FURNISH & PLACE, 6", SEEDING CLASS 4A (MODIFIED) (COMBINATION CLASS 4A & 1A) & EROSION CONTROL BLANKET

NOTES:

1. THE LIMITS OF GRADING INDICATE THE RESTORATION LIMITS AS NECESSARY FOR THE PROPOSED ROADWAY GRADING. RESTORATION LIMITS OUTSIDE OF THE LIMITS OF GRADING SHALL BE MEASURED AND PAID FOR UNDER THE 100% LOCAL FUNDING CODE FOR WATER MAIN IMPROVEMENTS.

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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
EROSION & SEDIMENT CONTROL PLAN

SCALE: 20' | SHEET 3 OF 4 SHEETS | STA. 53+00 TO STA. 65+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	58

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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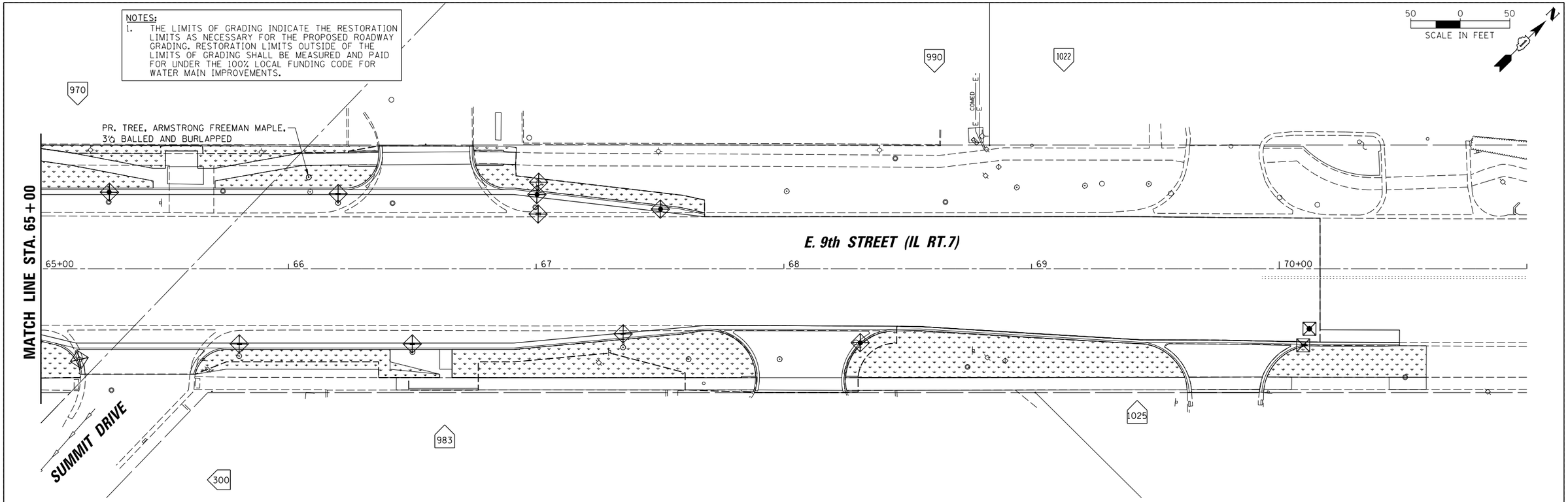
NOTES:
1. THE LIMITS OF GRADING INDICATE THE RESTORATION LIMITS AS NECESSARY FOR THE PROPOSED ROADWAY GRADING. RESTORATION LIMITS OUTSIDE OF THE LIMITS OF GRADING SHALL BE MEASURED AND PAID FOR UNDER THE 100% LOCAL FUNDING CODE FOR WATER MAIN IMPROVEMENTS.



LEGEND

- PERIMETER EROSION BARRIER
- INLET FILTER OR INLET & PIPE PROTECTION
- TEMPORARY DITCH CHECK
- LIMITS OF GRADING
- TOPSOIL FURNISH & PLACE, 6" & SODDING, SALT TOLERANT
- TOPSOIL FURNISH & PLACE, 6", SEEDING CLASS 4A (MODIFIED) (COMBINATION CLASS 4A & 1A) & EROSION CONTROL BLANKET

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PLOT SCALE = 20'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
EROSION & SEDIMENT CONTROL PLAN

SCALE: 20' | SHEET 4 OF 4 SHEETS | STA. 65+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	59
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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DRAINAGE NOTES

1. MAINTAINING DRAINAGE; IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.

2. LENGTHS AND SIZES OF EXISTING STORM SEWERS AS SHOWN ON THE PLANS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF PROPOSED DRAINAGE ITEMS. THE INVERTS OF PROPOSED DRAINAGE ITEMS CONNECTING TO EXISTING SEWERS OR STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER.

3. EXISTING DRAINAGE STRUCTURES TO BE LEFT IN PLACE SHALL BE PROTECTED DURING CONSTRUCTION. IF IN THE OPINION OF THE ENGINEER, THE DRAINAGE STRUCTURES ARE DAMAGED DUE TO THE CONTRACTOR'S OPERATION, THEY SHALL BE REPLACED IN KIND AT NO ADDITIONAL COST.

4. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF THE GUTTER OR DRAINAGE STRUCTURES, DITCHES, ETC. SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORK DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES ARE TO BE FREE FROM DIRT AND DEBRIS. THE CONTRACTORS FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIAL CREATED AS A RESULT THEREOF.

5. ALL EXISTING FIELD DRAINAGE TILE AND OFF-SITE STORM SEWER ENCOUNTERED OR DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITIONS. PROPERLY REROUTED AND /OR CONNECTED TO THE STORM SEWER SYSTEM OR PROPOSED DITCHES UNLESS OTHERWISE SPECIFIED.

6. THE CONTRACTOR SHALL VERIFY WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES AND CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THE USE OF FLAT SLAB TOPS, UNLESS NOTED OTHERWISE ON PLANS.

7. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

8. ALL DRAINAGE STRUCTURES, MANHOLES, AND CATCH BASINS SHALL HAVE A 2-FOOT DEEP SUMP (MINIMUM) BETWEEN THE BOTTOM OF THE LOWEST STORM SEWER INVERT AND THE BOTTOM OF THE DRAINAGE STRUCTURE OR CATCH BASIN.

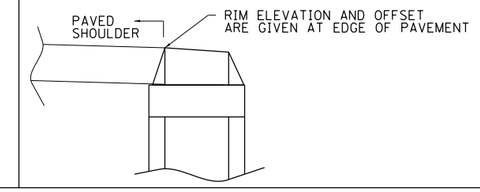
9. THE INFORMATION PROVIDED IS ESTIMATED BASED UPON EXISTING SURVEY AND WILL REQUIRE ADJUSTMENT BY THE CONTRACTOR AS NECESSARY TO FULFILL THE INTENT OF THE DRAINAGE PLANS.

10. THE CONTRACTOR SHALL VERIFY EXISTING DRAINAGE STRUCTURE DATA IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. GRADES, ELEVATIONS, SIZES, AND LENGTHS OF EXISTING STORM SEWER WERE DETERMINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEY. THE INVERTS OF THE PROPOSED DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK IS TO BE INCLUDED IN THE UNIT PRICES OF THE ITEMS TO BE INSTALLED OR REPAIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

11. DRAINAGE STRUCTURE ELEVATIONS: RIM ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES, WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION OF DRAINAGE ITEMS. GRADES OR SEWER LINES WERE DETERMINED FROM AVAILABLE PLANS AND SURVEY. THE INVERTS OF THE PROPOSED SEWERS CONNECTING TO EXISTING DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER.

12. EXCAVATION, BACKFILL, DISPOSING OF SURPLUS MATERIAL AND RESTORATION SHALL BE INCLUDED IN THE AWARDED BID PRICE OF STORM SEWERS, HEADWALLS AND DRAINAGE STRUCTURES. RESTORATION IS DEFINED AS REQUIRED TOPSOIL, SEEDING AND EROSION CONTROL BLANKET AS APPROVED BY THE ENGINEER.

13. THE TOP SURFACE, RIM, OF ALL DRAINAGE STRUCTURES SHALL BE BROUGHT TO FLUSH WITH EXISTING GROUND.

DESCRIPTION	ELEVATION
HEADWALL	
TYPE 1 AND 8 FRAME AND GRATE	
TYPE 20 22 11V FRAME AND GRATE	

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N:\Lockport\170491.00001\Drain\DRN_NOT01.170491_01.sht		DRAWN - MYG	REVISED -
	PLOT SCALE = N.T.S.	CHECKED - JOC	REVISED -
Default	PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
DRAINAGE NOTES

SCALE: N.T.S | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	60
		CONTRACT NO. 61H98		
	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (E)	INV (W)	STANDARD	FRAME & GRATE	PAY ITEM
S100	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	32+23.69	32.20' LT	645.00	640.76 (EX)	640.76	-	TBD (EX)	602406-10	604001-05	60223800
S101	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE, RESTRICTOR PLATE	32+23.13	19.10' LT	644.84	640.80	-	-	640.80	SEE DRAINAGE DETAIL	604071-07	X6020091
S102	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	33+00.00	18.00' LT	645.34	-	-	640.90	640.90	602001-02	604071-07	60205010
S103	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	34+00.00	18.00' LT	646.71	-	-	-	641.05	602001-02	604071-07	60205010
S200	*NOT USED*					-	-	-			
S201	*NOT USED*					-	-	-			
S202	*NOT USED*					-	-	-			
S203	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	38+36.20	24.50' LT	642.53	-	637.70	637.40	637.40	SEE DRAINAGE DETAIL	604001-05	X6020096
S204	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	38+54.66	24.50' LT	641.93	632.10 (EX)	632.10 (EX)	-	637.35	602406-10	604001-05	60223800
S205	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	38+36.20	18.00' LT	642.26	637.80	-	-	-	602301-04	604071-07	60237420
S206	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	37+00.00	18.00' LT	644.79	-	-	637.90	-	602001-02	604071-07	60201310
S207	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	40+50.00	20.29' LT	638.16	-	633.95	-	-	602301-04	604071-07	60237420
S208	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	40+50.00	25.73' RT	641.21	633.70	-	633.45	637.28	602401-06	604001-05	60218400
S209	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	40+41.00	25.44' RT	641.12	-	-	637.33	637.33 (EX)	602001-02	604071-07	60201310
S210	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	39+71.50	31.00' RT	642.27	-	-	638.36	-	602301-04	604071-07	60237420
S300	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	41+65.00	24.00' LT	636.31	-	-	632.10	-	602301-04	604071-07	60237420
S301	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	41+65.00	22.24' RT	636.81	631.40	631.65	-	631.90	602001-02	604036-03	60200805
S302	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	42+55.00	22.20' RT	635.18	630.35	630.85	-	630.65	602001-02	604036-03	60200805
S303	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	43+53.00	26.19' RT	633.89	628.90	628.90	-	629.00	602001-02	604036-03	60204505
S304	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	44+44.00	33.24' RT	632.78	627.50	627.50	-	628.10	602402-02	604001-05	60221100
S305	*NOT USED*				-	-	-	-			
S306	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	45+30.00	35.38' RT	631.64	626.80	626.80	-	627.65	602001-02	604001-05	60203905
S307	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	45+40.00	41.28' RT	-	626.75	-	-	-	542001-06	-	54213669
S308	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	45+55.00	24.00' LT	635.07	-	-	630.85	-	602301-04	604071-07	60237420
S309	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	43+53.00	24.00' LT	633.37	-	-	629.25	-	602301-04	604071-07	60237420
S310	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	44+45.00	19.76' RT	632.44	-	-	628.20	-	602301-04	604071-07	60237420
S311	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	45+00.00	20.00' RT	632.12	627.85	-	-	-	602301-04	604071-07	60237420
S312	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 22 FRAME AND GRATE	45+30.16	20.00' RT	632.09	627.75	627.75	627.75	-	602001-02	604081-04	X6020502
S313	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	45+40.18	20.00' RT	632.08	-	627.85	-	-	602301-04	604071-07	60237420
S314	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	44+60.79	24.00' LT	632.25	628.85	-	-	-	602301-04	604071-07	60237420
S315	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	45+30.00	24.00' LT	632.01	628.60	628.60	-	-	602001-02	604071-07	60201310
S316	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 22 FRAME AND GRATE	45+40.18	24.00' LT	632.01	-	628.50	-	628.50	602001-02	604081-04	X6020502
S317	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	45+40.18	30.33' LT	632.44	627.00 (EX)	-	628.45	-	602401-06	604001-05	60218400
S318	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	45+87.59	35.79' LT	632.30	629.00	629.00 (EX)	629.00	-	602001-02	604036-03	60200805
S319	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	46+13.46	35.96' LT	632.56	629.10	629.10	-	-	602001-02	604056-04	60201110
S320	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	46+47.98	38.77' LT	633.45	629.20	629.20	629.30	-	602001-02	604001-05	60203905
S321	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	46+72.73	37.43' LT	633.47	629.25	629.25	-	-	602001-02	604056-04	60201110
S322	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	46+99.00	36.19' LT	633.90	629.35	629.35	629.40	-	602001-02	604001-05	60203905
S323	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	46+99.00	24.00' LT	632.98	-	-	-	629.50	602301-04	604071-07	60237420
S324	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	46+47.91	24.00' LT	632.46	-	-	-	629.35	602301-04	604071-07	60237420
S325	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	45+87.60	24.00' LT	632.09	-	-	-	629.10	602301-04	604071-07	60237420
S326	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	46+00.00	20.00' LT	632.23	-	-	627.95	-	602301-04	604071-07	60237420
S400	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	47+18.05	40.41' LT	634.01	629.40	629.40	-	-	602001-02	604056-04	60201110
S401	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	48+25.15	36.80' LT	634.00	-	629.90	629.90	-	602001-02	604036-03	60204505
S402	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	49+41.35	18.00' LT	636.26	631.50	631.50	-	632.00	602402-02	604001-05	60221100
S403	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	49+64.79	58.74' LT	636.97	-	632.75	-	-	602301-04	604071-07	60237420
S404	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	49+41.35	36.43' LT	636.24	632.00	-	-	632.00	602001-02	604071-07	60201310
S405	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 22 FRAME AND GRATE	50+65.00	31.04' LT	637.91	634.50	-	635.00	633.90	602001-02	604081-04	X6020502
S406	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	50+67.84	17.00' LT	638.07	634.90	633.30	633.80	-	602402-02	604001-05	60221100
S407	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	50+97.31	29.43' LT	638.61	-	-	635.20	635.20	602001-02	604056-04	60201110
S408	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	50+96.98	17.00' LT	638.36	635.15	635.15	-	635.15	602402-02	604001-05	60221100
S409	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	51+44.00	17.00' LT	638.83	635.35	635.35	635.35	-	602401-06	604001-05	60218400
S410	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	52+70.00	17.00' LT	640.20	635.85	635.85	635.85	-	602406-10	604001-05	60223800
S411	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	52+60.85	33.30' LT	640.28	-	-	636.00	-	602301-04	604056-04	60236825
S412	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	52+64.32	28.50' LT	640.14	-	-	635.95	635.95	602001-02	604056-04	60201110
S413	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	52+73.77	22.30' LT	640.13	-	-	635.90	-	602301-04	604071-07	60237420
S414	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	51+94.93	22.30' LT	639.37	-	635.63	-	-	602301-04	604071-07	60237420
S415	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	51+44.00	23.00' LT	638.71	635.40	-	635.40	-	602001-02	604071-07	60201310
S416	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	50+74.00	27.78' LT	638.00	-	634.55	-	-	602301-04	604071-07	60237420
S417	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	50+98.97	38.23' LT	639.43	-	-	635.25	-	602301-04	604056-04	60236825
S418	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	48+25.00	24.00' LT	634.56	-	-	629.95	629.95	602001-02	604071-07	60201310
S419	*NOT USED*				-	-	-	-			
S420	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	52+00.00	21.11' RT	639.40	635.20	635.20	-	-	602001-02	604071-07	60201310
S421	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	53+00.00	18.00' RT	640.47	-	636.20	-	-	602301-04	604071-07	60237420
S422	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	48+07.00	21.00' RT	634.40	-	-	630.65	-	602301-04	604071-07	60237420
S423	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	50+30.28	63.31' LT	638.17	-	-	635.28	-	602301-04	604086-04	60237460
S424	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	48+25.00	18.94' LT	634.65	630.00	-	-	630.00	602402-02	604001-05	60221100

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (E)	INV (W)	STANDARD	FRAME & GRATE	PAY ITEM
S500	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	53+54.84	20.37' LT	640.99	-	-	-	636.35	602301-04	604071-07	60237420
S501	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	53+56.37	36.38' LT	639.02	635.70	636.15	636.15	-	602001-02	604036-03	60200805
S502	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	54+22.00	50.00' LT	639.20	-	-	635.05	-	602001-02	604036-03	60200805
S503	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	53+70.59	18.00' RT	641.19	634.05	-	-	-	602301-04	604071-07	60237420
S504	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	56+00.00	18.00' LT	643.61	-	-	-	637.10	602301-04	604071-07	60237420
S505	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	57+88.00	18.00' LT	645.60	-	-	-	642.40	602301-04	604071-07	60237420
S506	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	57+88.00	34.22' LT	645.65	642.30	642.30 (EX)	642.30	-	602401-06	604001-05	60218400
S507	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	58+55.00	32.88' LT	646.28	642.50	642.50	642.50	-	602401-06	604001-05	60218400
S508	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	58+55.00	18.00' LT	646.23	-	-	-	642.50	602301-04	604071-07	60237420
S509	*NOT USED*				-	-	-	-			
S510	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE	54+50.00	18.00' RT	641.92	635.50	635.50	636.78	-	602406-10	604071-07	60224035
S511	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	54+59.88	37.27' RT	640.29	-	-	636.87 (EX)	636.85	602001-02	604036-03	60200805
S512	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	55+80.00	18.00' RT	643.32	637.25	637.25	638.35	-	602001-02	604071-07	60205010
S513	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	55+78.90	32.15' RT	641.25	-	-	639.16	638.40	602001-02	604036-03	60200805
S514	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	56+60.00	18.00' RT	644.29	639.50	637.60	637.60	-	602001-02	604071-07	60201310
S515	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	56+60.00	31.48' RT	641.70	-	-	-	637.55	602001-02	604036-03	60200805
S516	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	58+50.00	18.00' RT	646.18	641.60	641.35	641.85	-	602001-02	604071-07	60201310
S517	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	58+50.00	29.36' RT	645.68	-	-	-	641.90	602001-02	604036-03	60200805
S518	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	54+50.29	50.00' LT	638.19	-	-	635.78	-	602001-02	604036-03	60200805
S600	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	59+25.00	18.00' LT	646.89	-	-	-	643.81	602301-04	604071-07	60237420
S601	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	59+25.00	31.50' LT	647.21	643.75	642.75	643.75	-	602401-06	604001-05	60218400
S602	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	60+04.00	29.94' LT	647.85	640.80	644.05	-	645.23(EX) 645.19 (EX)	602406-10	604001-05	60223800
S603	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	61+20.00	32.54' LT	648.43	-	644.56	644.56	-	602401-06	604001-05	60218400
S604	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	61+20.00	18.00' LT	648.60	-	-	-	644.55	602301-04	604071-07	60237420
S605	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	60+45.00	28.34' RT	647.80	-	-	-	644.00	602001-02	604036-03	60200805
S606	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	60+45.00	18.00' RT	647.85	643.30	638.80	643.95	-	602001-02	604071-07	60201310
S607	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	62+50.00	18.00' RT	649.69	-	645.10	-	-	602301-04	604071-07	60237420
S608	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	64+24.16	47.34' RT	647.65	-	-	-	643.85	602001-02	604036-03	60200805
S609	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	64+24.80	34.50' RT	-	-	-	643.76	-	542001-06	-	54213663
S610	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	64+65.11	18.25' LT	651.39	-	-	648.27	-	602301-04	604071-07	60237420
S611	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	64+74.51	27.48' LT	651.34	646.43 (EX)	646.43	-	647.85	602401-06	604001-05	60218400
S612	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	64+75.00	32.50' LT	651.28	-	-	646.43	-	602301-04	604071-07	60237420
S613	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	64+06.80	27.00' LT	650.70	645.55 (EX)	645.55 (EX)	-	-	602001-02	604071-07	60201310
S614	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	59+20.00	48.00' RT	648.18	-	-	642.57	-	602001-02	604036-03	60200805
S615	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	59+20.00	19.00' RT	646.78	642.21	642.21	642.44	-	602001-02	604071-07	60201310
S700	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	65+27.98	30.00' LT	651.69	-	-	648.10 (EX)	648.10 (EX)	602001-02	604071-07	60201310
S701	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	66+20.00	26.60' LT	652.62	649.20 (EX)	649.20 (EX)	-	649.20	602401-06	604001-05	60218400
S702	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	66+20.00	30.00' LT	652.55	-	-	649.23	-	602301-04	604071-07	60237420
S703	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	67+00.00	28.72' LT	653.33	-	-	650.89 (EX)	650.89 (EX)	602001-02	604071-07	60201310
S704	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 22 FRAME AND GRATE	67+50.19	23.10' LT	653.93	651.40 (EX)	651.40 (EX)	-	-	602001-02	604081-04	X6020502
S705	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	65+80.00	35.22' RT	652.29	646.30	646.30	-	646.35	602401-06	604001-05	60218400
S706	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	65+80.00	30.00' RT	652.17	-	-	646.40	-	602301-04	604071-07	60237420
S707	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	66+50.00	33.52' RT	653.20	647.35	647.35	-	647.40	602401-06	604001-05	60218400
S708	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	66+50.00	30.00' RT	652.83	-	-	647.45	-	602301-04	604071-07	60237420
S709	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 22 FRAME AND GRATE	67+35.00	31.82' RT	653.72	-	-	648.75	-	602001-02	604081-04	X6020502
S710	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	67+35.00	25.95' RT	654.01	648.64	648.64	-	648.70	602401-06	604001-05	60218400
S711	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	67+61.46	36.50' RT	654.03	649.03	649.03	-	-	602401-06	604001-05	60218400
S712	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	67+98.30	36.51' RT	653.87	649.58	649.58	-	-	602001-02	604001-05	60200205
S713	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	68+30.00	29.54' RT	654.10	650.11 (EX)	650.07	-	-	602001-02	604056-04	60201110
S714	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	70+12.17	24.24' RT	656.17	-	-	653.32	-	602001-02	604001-05	60200105
S715	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	70+10.12	30.39' RT	656.24	653.14	652.85	-	653.16	602001-02	604006-05	60204005

STORM SEWER SCHEDULE

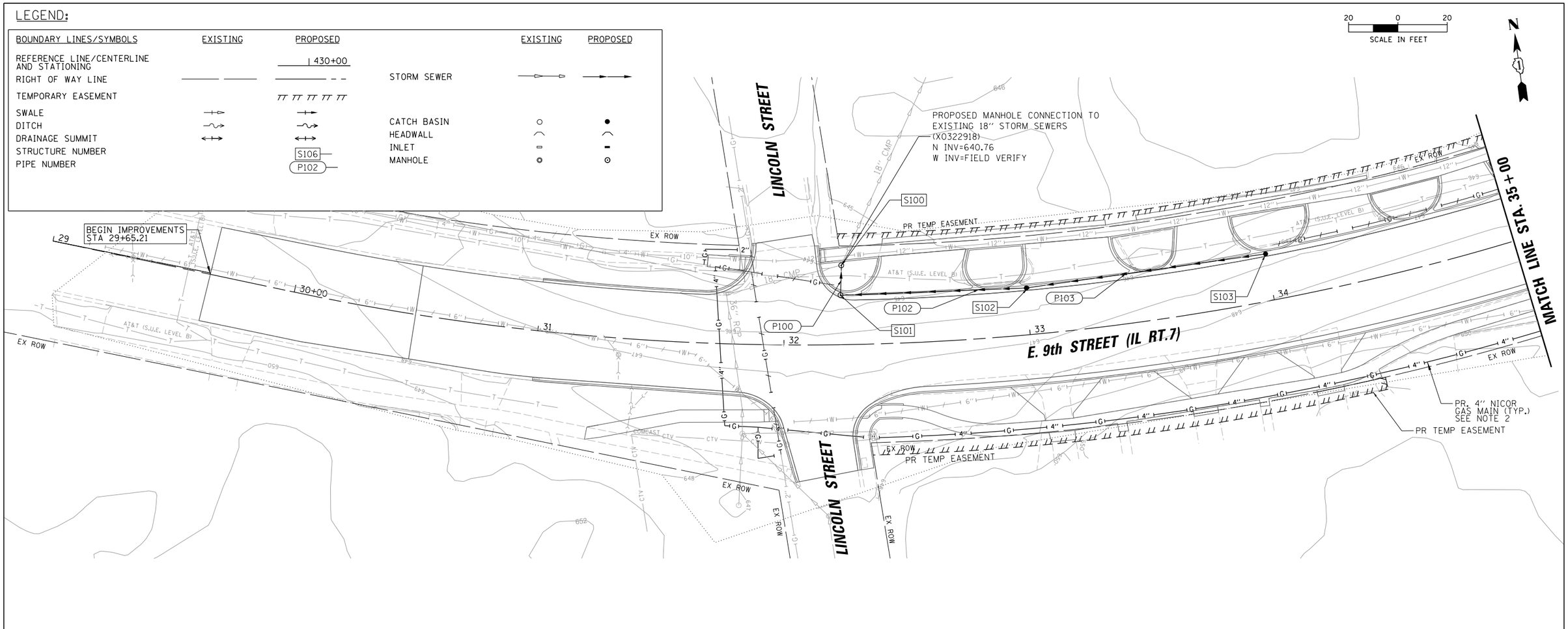
PIPE NO.	FROM STRUCTURE	TO STRUCTURE	LENGTH (FT)	DIA (IN)	MATERIAL	PIPE TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TBF (CY)	PAY ITEM
P100	S101	S100	9	18	WMQ	1	0.47	640.80	640.76	0	Z0056612
P101	*NOT USED*										
P102	S102	S101	63	18	WMQ	1	0.16	640.90	640.80	5	Z0056612
P103	S103	S102	100	30"x19"	WMQ EQUIV	1	0.15	641.05	640.90	12	Z0056631
P200	*NOT USED*										
P201	*NOT USED*										
P202	S206	S203	131	24	RCP	2	0.38	637.90	637.40	47	550A2560
P203	S203	S204	18	18	RCP	2	0.28	637.40	637.35	5	550A2540
P204	*NOT USED*										
P205	S205	S203	12	12	RCP	2	0.83	637.80	637.70	3	550A2520
P206	*NOT USED*										
P207	S207	S208	47	12	WMQ	2	0.54	633.95	633.70	16	Z0056608
P208	S209	S208	11	15	WMQ	1	0.46	637.33	637.28	2	Z0056610
P209	S208	S301	117	15	WMQ	2	1.54	633.45	631.65	0	Z0056610
P210	S210	-	27	12	WMQ	1	1.30	638.36	638.01	4	Z0056608
P300	S300	S301	47	12	RCP	2	0.43	632.10	631.90	11	550A2520
P301	S301	S302	90	18	WMQ	2	0.61	631.40	630.85	0	Z0056612
P302	S302	S303	97	24	WMQ	1	1.49	630.35	628.90	0	Z0056616
P303	S303	S304	92	24	RCP	1	1.52	628.90	627.50	0	550A2360
P304	S304	S306	86	24	RCP	1	0.81	627.50	626.80	0	550A2360
P305	*NOT USED*										
P306	S306	S307	12	24	RCP	2	0.41	626.80	626.75	0	550A2560
P307	*NOT USED*										
P308	S308	S302	45	12	RCP	2	0.45	630.85	630.65	9	550A2520
P309	S309	S303	51	12	WMQ	2	0.49	629.25	629.00	9	Z0056608
P310	S310	S304	13	12	RCP	2	0.77	628.20	628.10	2	550A2520
P311	S311	S312	20	12	WMQ	2	0.50	627.85	627.75	4	Z0056608
P312	S312	S306	14	12	RCP	2	0.71	627.75	627.65	3	550A2520
P313	S313	S312	18	12	WMQ	2	0.57	627.85	627.75	4	Z0056608
P314	S314	S315	69	12	RCP	1	0.36	628.85	628.60	10	550A2320
P315	S315	S316	10	12	RCP	1	0.99	628.60	628.50	2	550A2320
P316	S316	S317	5	12	RCP	1	1.00	628.50	628.45	1	550A2320
P317	*NOT USED*										
P318	S319	S318	24	30"x19"	WMQ EQUIV	1	0.41	629.10	629.00	1	Z0056631
P319	S320	S319	33	30"x19"	WMQ EQUIV	1	0.30	629.20	629.10	3	Z0056631
P320	S321	S320	14	24	WMQ	1	0.36	629.25	629.20	1	Z0056616
P321	S322	S321	31	24	WMQ	1	0.32	629.35	629.25	1	Z0056616
P322	S323	S322	14	12	WMQ	1	0.71	629.50	629.40	3	Z0056608
P323	*NOT USED*										
P324	S324	S320	10	12	WMQ	1	0.49	629.35	629.30	1	Z0056608
P325	S325	S318	12	12	RCP	1	0.85	629.10	629.00	1	550A2320
P326	S326	EX	11	12	RCP	2	0.48	627.95	627.90	2	550A2520
P400	S400	S322	12	24	WMQ	1	0.41	629.40	629.35	1	Z0056616
P401	S401	S400	112	24	WMQ	1	0.45	629.90	629.40	13	Z0056616
P402	S402	S424	117	18	WMQ	2	1.28	631.50	630.00	25	Z0056612
P403	S403	S404	33	12	RCP	2	2.26	632.75	632.00	6	550A2520
P404	S404	S402	19	12	RCP	2	0.53	632.00	631.90	4	550A2520
P405	S405	S406	14	12	WMQ	2	0.70	633.90	633.80	3	Z0056608
P406	S406	S402	128	18	WMQ	2	1.41	633.30	631.50	30	Z0056612
P407	S407	S408	15	12	RCP	1	0.34	635.20	635.15	2	550A2320
P408	S408	S406	29	15	WMQ	1	0.87	635.15	634.90	4	Z0056610
P409	S409	S408	48	15	RCP	1	0.42	635.35	635.15	6	550A2330
P410	S410	S409	126	12	RCP	1	0.40	635.85	635.35	17	550A2320
P411	S411	S412	6	12	RCP	2	0.78	636.00	635.95	2	550A2520
P412	S412	S410	15	12	RCP	2	0.69	635.95	635.85	3	550A2520
P413	*S413*	S410	9	12	RCP	2	0.57	635.90	635.85	2	550A2520
P414	S414	S415	51	12	WMQ	1	0.45	635.63	635.40	7	Z0056608
P415	S415	S409	8	12	RCP	1	0.62	635.40	635.35	2	550A2320
P416	S416	S405	8	12	WMQ	1	0.62	634.55	634.50	2	Z0056608
P417	S417	S407	8	12	RCP	1	0.60	635.25	635.20	2	550A2320
P418	S418	S401	12	24	RCP	1	0.42	629.95	629.90	2	550A2360
P419	*EX*	S501	78	24	WMQ	1	1.41	636.80	635.70	11	Z0056616
P420	S420	EX	97	12	WMQ	1	0.72	635.20	634.50	13	Z0056608
P421	S421	S420	99	12	RCP	2	1.01	636.20	635.20	18	550A2520
P422	S422	EX	18	12	RCP	1	0.56	630.65	630.55	0	550A2320
P423	S423	S405	49	10	WMQ	1	0.57	635.28	635.00	7	Z0056606
P424	S424	S418	7	18	RCP	1	0.77	630.00	629.95	2	550A2340

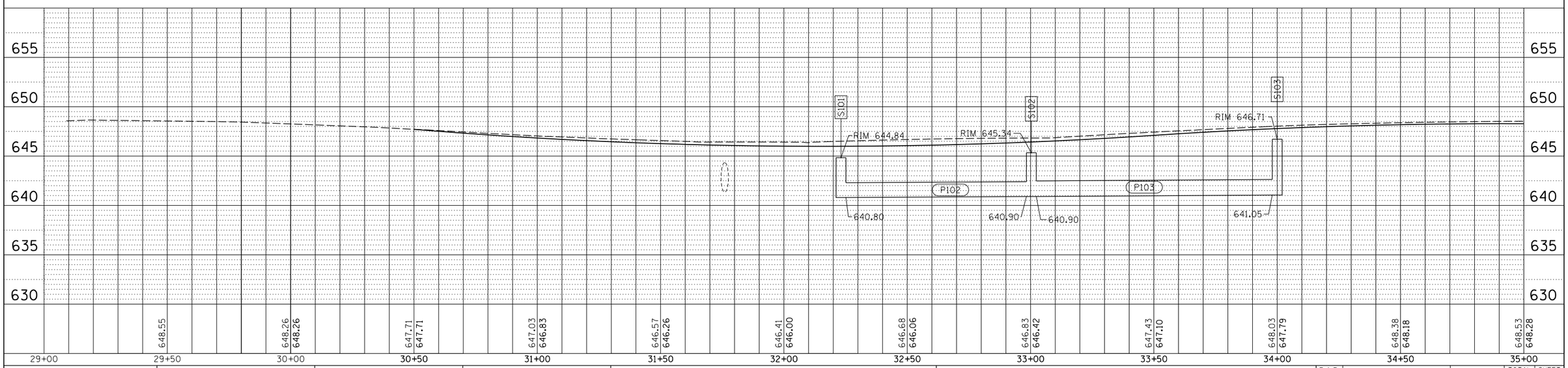
STORM SEWER SCHEDULE

PIPE NO.	FROM STRUCTURE	TO STRUCTURE	LENGTH (FT)	DIA (IN)	MATERIAL	PIPE TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TBF (CY)	PAY ITEM
P500	S500	S501	18	12	RCP	1	1.14	636.35	636.15	1	550A2320
P501	S501	JUNCTION	59	24	WMQ	1	0.24	635.70	635.56	0	Z0056616
P502	S502	JUNCTION	10	24	RCEP	2	0.53	635.05	635.00	0	550A4100
P503	S503	CULVERT	8	12	RCP	2	0.50	634.05	634.01	7	550A2520
P504	S504	CULVERT	9	12	RCP	2	1.18	637.10	637.00	1	550A2520
P505	S505	S506	15	12	RCP	1	0.68	642.40	642.30	2	550A2320
P506	JUNCTION CHAMBER	JUNCTION CHAMBER	85	5'x5'	RCBC	-	1.98	634.56	632.88	31	54010505
P507	S507	S506	68	18	WMQ	1	0.29	642.50	642.30	5	Z0056612
P508	S508	S507	16	12	RCP	1	0.64	642.60	642.50	2	550A2320
P509	S601	S507	70	18	WMQ	1	0.36	642.75	642.50	4	Z0056612
P510	S510	CULVERT	72	24	RCP	2	2.09	635.50	634.00	52	550A2560
P511	S511	S510	21	15	RCP	1	0.33	636.85	636.78	2	550A2330
P512	S512	S510	130	24	RCP	2	1.35	637.25	635.50	54	550A2560
P513	S513	S512	11	12	RCP	1	0.45	638.40	638.35	1	550A2320
P514	S514	S512	80	24	RCP	2	0.44	637.60	637.25	52	550A2560
P515	S515	S514	10	12	RCP	2	0.50	637.65	637.60	3	550A2520
P516	S516	S514	190	15	RCP	2	0.97	641.35	639.50	45	550A2530
P517	S517	S516	8	12	RCP	1	0.64	641.90	641.85	1	550A2320
P518	S615	S516	70	15	RCP	2	0.87	642.21	641.60	15	550A2530
P519	EX	S513	15	6	WMQ	1	TBD	TBD	639.16	0	Z0056642
P520	EX	EX	8	60	RCP	1	0.00	638.80	638.80	0	550A2440
P521	JUNCTION CHAMBER	JUNCTION CHAMBER	256	7'x4'	RCBC	-	0.63	637.16	635.56	0	54010704
P522	JUNCTION CHAMBER	JUNCTION CHAMBER	256	7'x4'	RCBC	-	0.63	637.16	635.56	0	54010704
P523	S518	CULVERT	10	18	WMQ	1	0.30	635.78	635.75	0	Z0056612
P524	S606	S615	125	15	RCP	2	0.87	643.30	642.21	27	550A2530
P525	S614	S615	29	12	RCP	1	0.45	642.57	642.44	5	550A2320
P600	S600	S601	12	12	RCP	1	0.51	643.81	643.75	1	550A2320
P601	S602	S601	79	15	RCP	1	0.38	644.05	643.75	5	550A2330
P602	S603	S602	117	12	RCP	1	0.44	644.56	644.05	6	550A2320
P603	*NOT USED*										
P604	S604	S603	15	12	RCP	1	0.60	644.65	644.56	1	550A2320
P605	S605	S606	8	12	RCP	1	0.66	644.00	643.95	1	550A2320
P606	S607	S606	205	15	RCP	2	0.88	645.10	643.30	44	550A2530
P607	*NOT USED*										
P608	S608	S609	13	18	WMQ	1	0.70	643.85	643.76	0	Z0056612
P609	*NOT USED*										
P610	S610	EX	5	12	RCP	1	0.60	648.27	648.24	1	550A2320
P611	S612	S611	6	12	RCP	1	0.78	647.90	647.85	1	550A2320
P612	S611	EX	20	18	RCP	2	1.30	646.43	646.17	3	550A2540
P701	S702	S701	6	12	WMQ	1	0.52	649.23	649.20	1	Z0056608
P702	*NOT USED*										
P703	*NOT USED*										
P704	*NOT USED*										
P705	*NOT USED*										
P706	P706	S705	8	12	RCP	2	0.66	646.40	646.35	3	550A2520
P707	S708	S707	6	12	RCP	2	0.81	647.45	647.40	2	550A2520
P709	S709	S710	6	12	RCP	2	0.82	648.75	648.70	2	550A2520
P710	S705	EX	64	18	RCP	2	1.48	646.30	645.35	23	550A2540
P711	S707	S705	70	18	RCP	2	1.50	647.35	646.30	26	550A2540
P712	S710	S707	85	18	WMQ	2	1.52	648.64	647.35	29	Z0056612
P713	S713	S712	32	18	WMQ	1	1.53	650.07	649.58	2	Z0056612
P714	S712	S711	36	18	WMQ	1	1.53	649.58	649.03	4	Z0056612
P715	S711	S710	26	18	WMQ	2	1.50	649.03	648.64	0	Z0056612
P716	-	S715	35	18	WMQ	1	1.77	653.76	653.14	5	Z0056612
P717	S715	-	26	18	WMQ	1	0.58	652.85	652.70	4	Z0056612
P718	S714	S715	7	12	WMQ	1	2.29	653.32	653.16	1	Z0056608

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED		EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING		430+00			
RIGHT OF WAY LINE			STORM SEWER		
TEMPORARY EASEMENT					
SWALE					
DITCH			CATCH BASIN		
DRAINAGE SUMMIT			HEADWALL		
STRUCTURE NUMBER		S106	INLET		
PIPE NUMBER		P102	MANHOLE		





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PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. ____ — BY — DATE

CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - EMB	REVISED -
	DRAWN - MYG	REVISED -
PLOT SCALE = 20'	CHECKED - JOC	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
DRAINAGE PLAN & PROFILE

SCALE: 20' | SHEET 1 OF 8 SHEETS | STA. 29+00 TO STA. 35+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	65
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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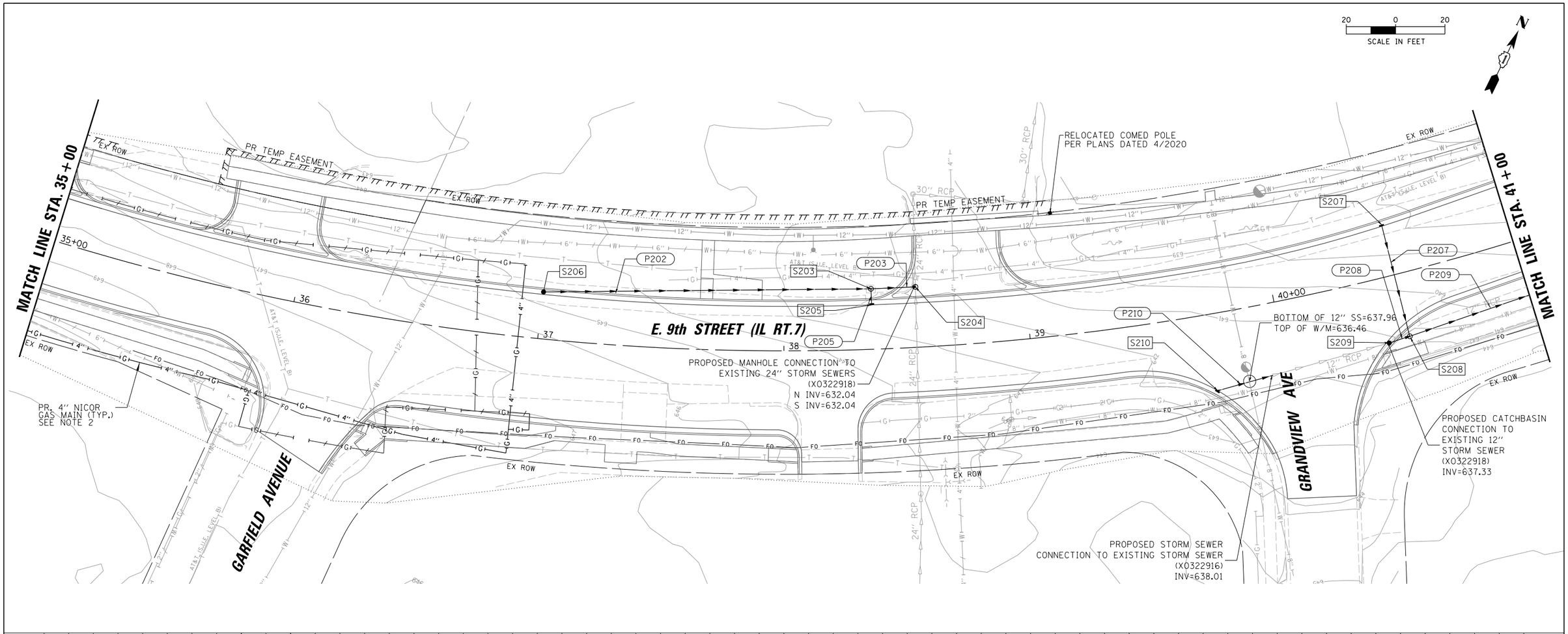

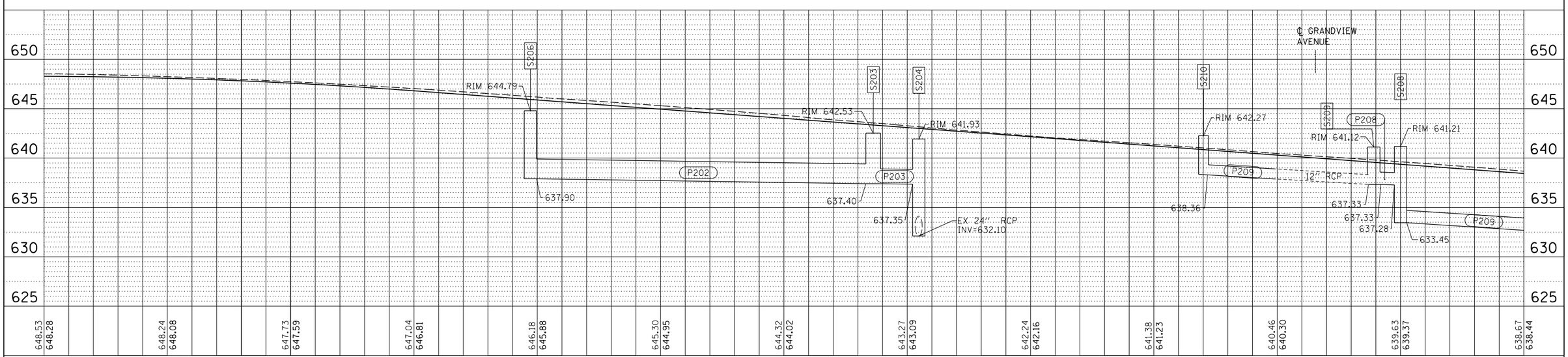

PLAN	BY	DATE
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RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

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

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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
DRAINAGE PLAN & PROFILE

SCALE: 20' | SHEET 2 OF 8 SHEETS | STA. 35+00 TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	66

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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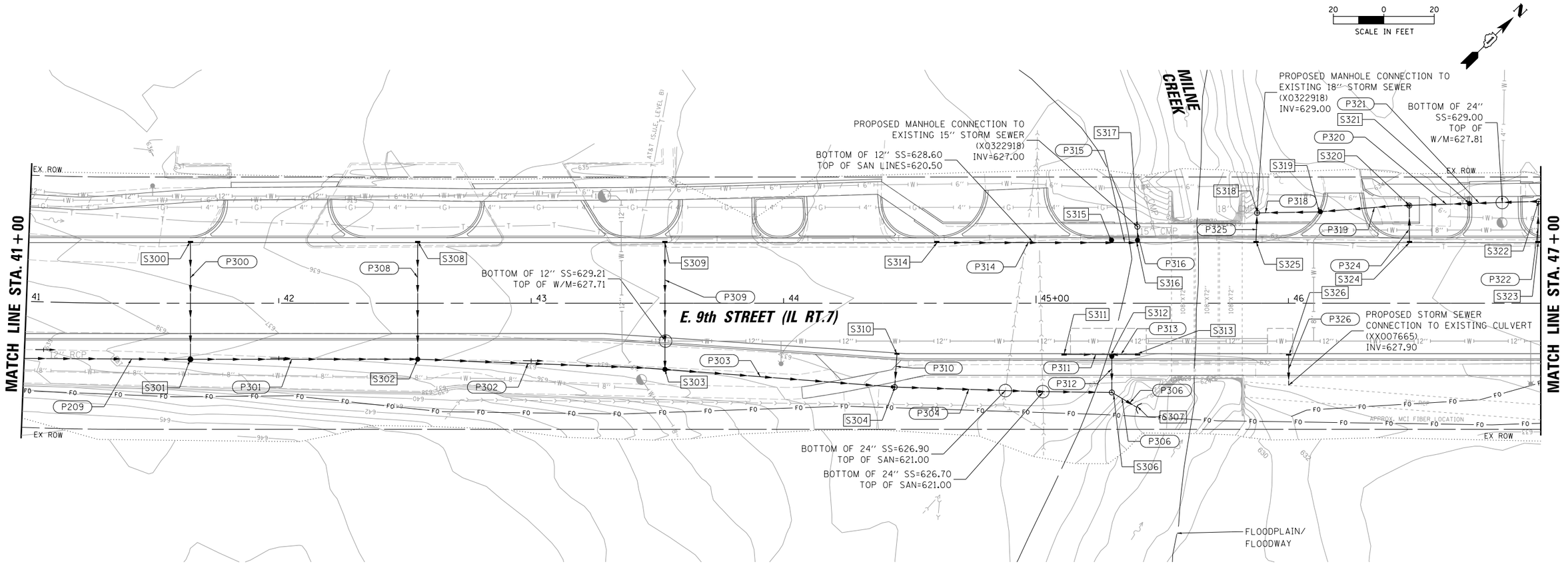

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PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

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	DRAWN - MYG	REVISED -	
PLOT SCALE = 20'	CHECKED - JOC	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
DRAINAGE PLAN & PROFILE

SCALE: 20' | SHEET 3 OF 8 SHEETS | STA. 41+00 TO STA. 47+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	67

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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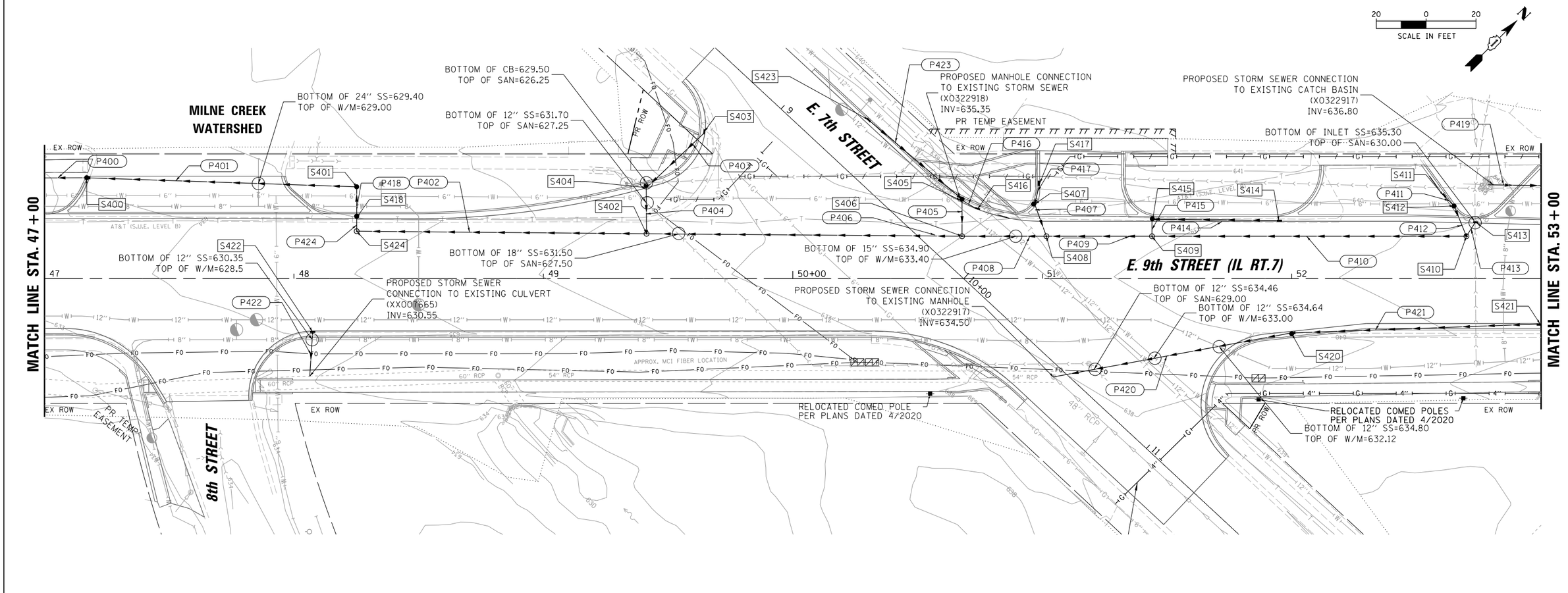

PLAN	BY	DATE
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PLOTTED		
GRADES CHECKED		
BM. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

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	DRAWN - MYG	REVISED -	
PLOT SCALE = 20'	CHECKED - JOC	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
DRAINAGE PLAN & PROFILE

SCALE: 20' | SHEET 4 OF 8 SHEETS | STA. 47+00 TO STA. 53+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	68
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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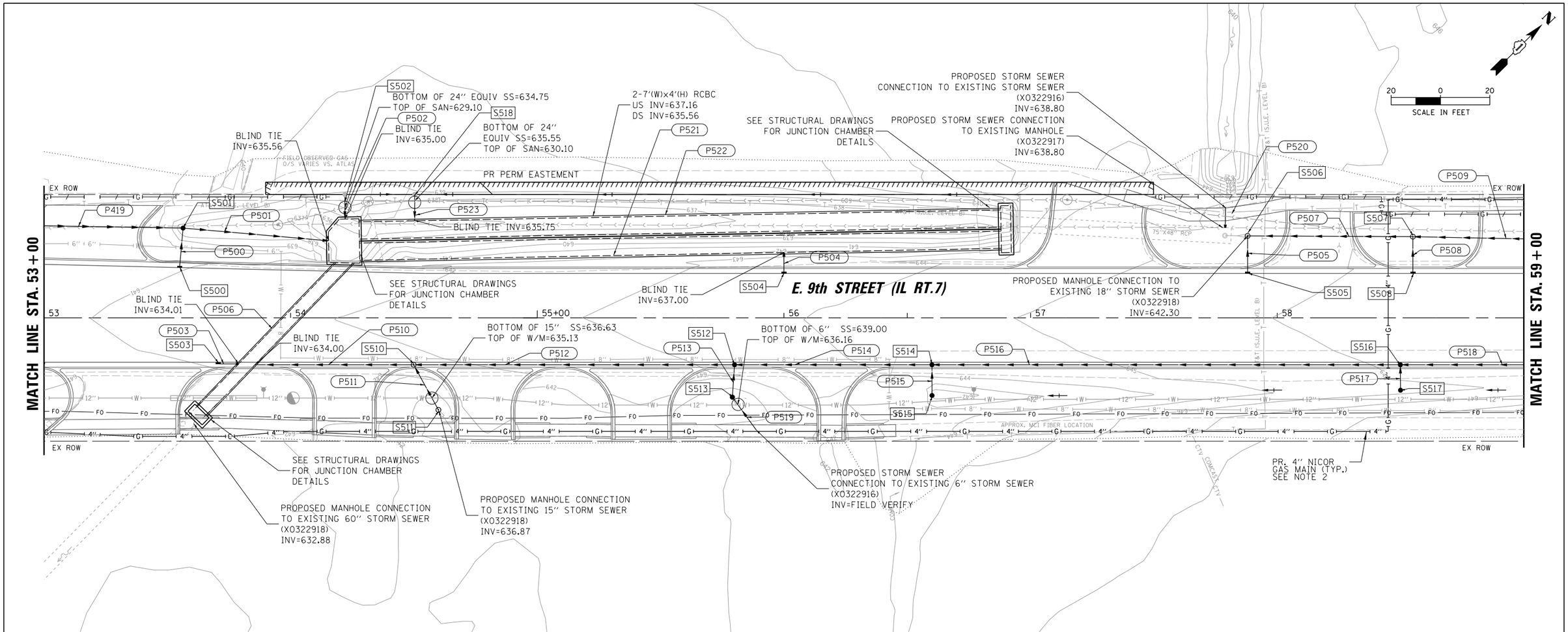

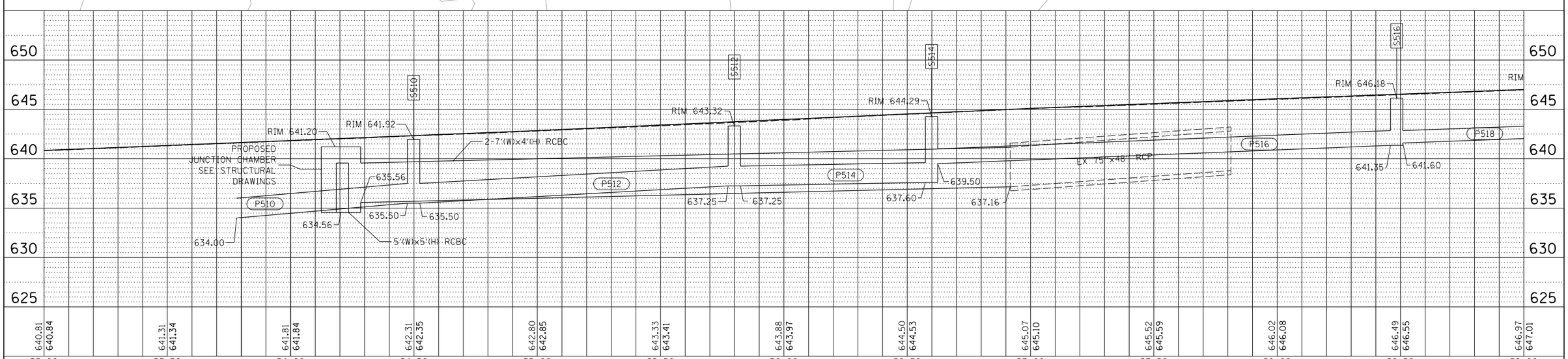

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PROFILE	BY	DATE
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STRUCTURE NOTATNS CHKD		
NOTE BOOK NO. ____		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
DRAINAGE PLAN & PROFILE

SCALE: 20' | SHEET 5 OF 8 SHEETS | STA. 53+00 TO STA. 59+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	69
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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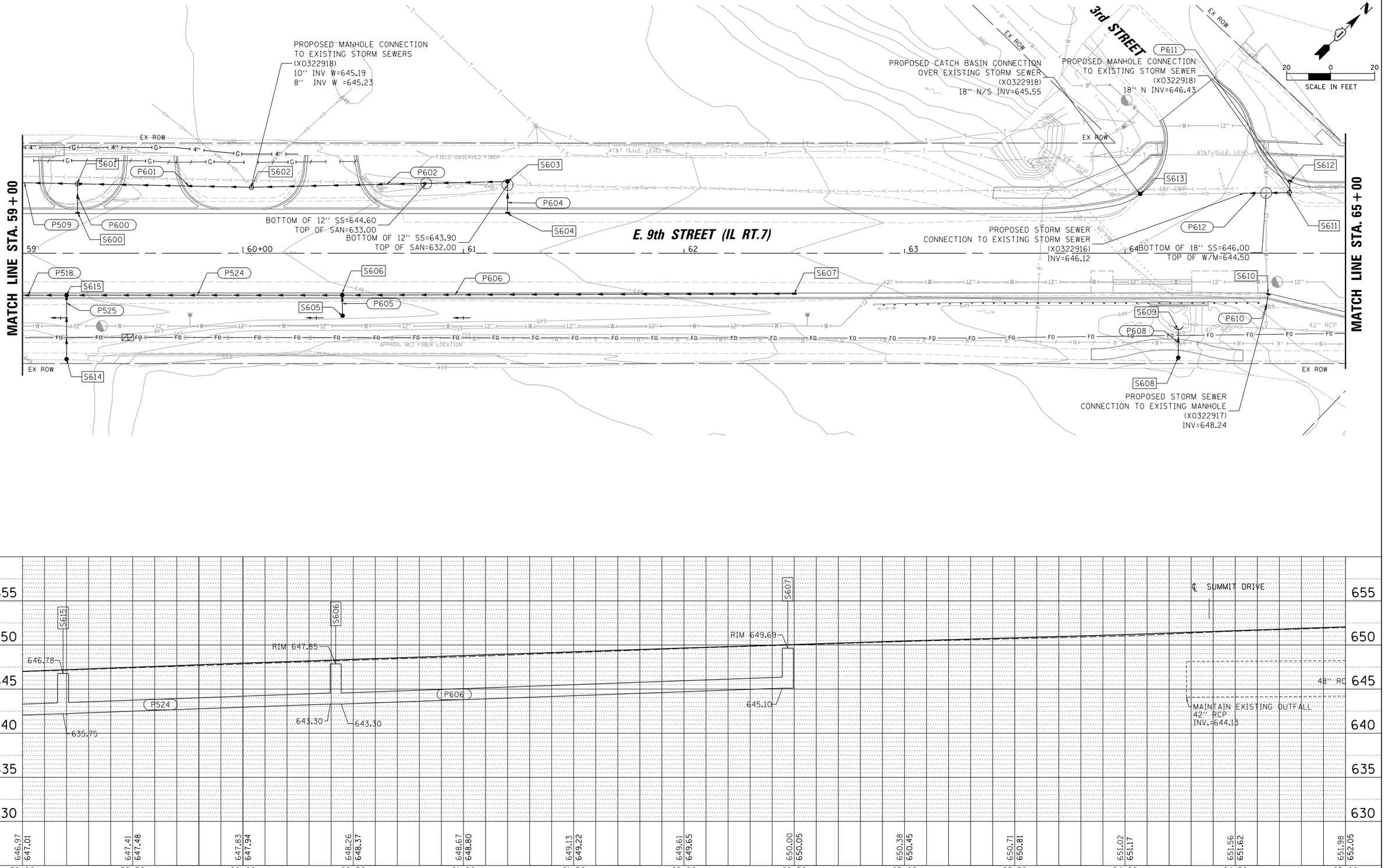

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RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
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GRADES CHECKED
B.M. NOTED
STRUCTURE NOTAT'NS CHK'D
NOTE BOOK
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PLOT SCALE = 20'	CHECKED - JOC	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
DRAINAGE PLAN & PROFILE

SCALE: 20' | SHEET 6 OF 8 SHEETS | STA. 59+00 TO STA. 65+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	70

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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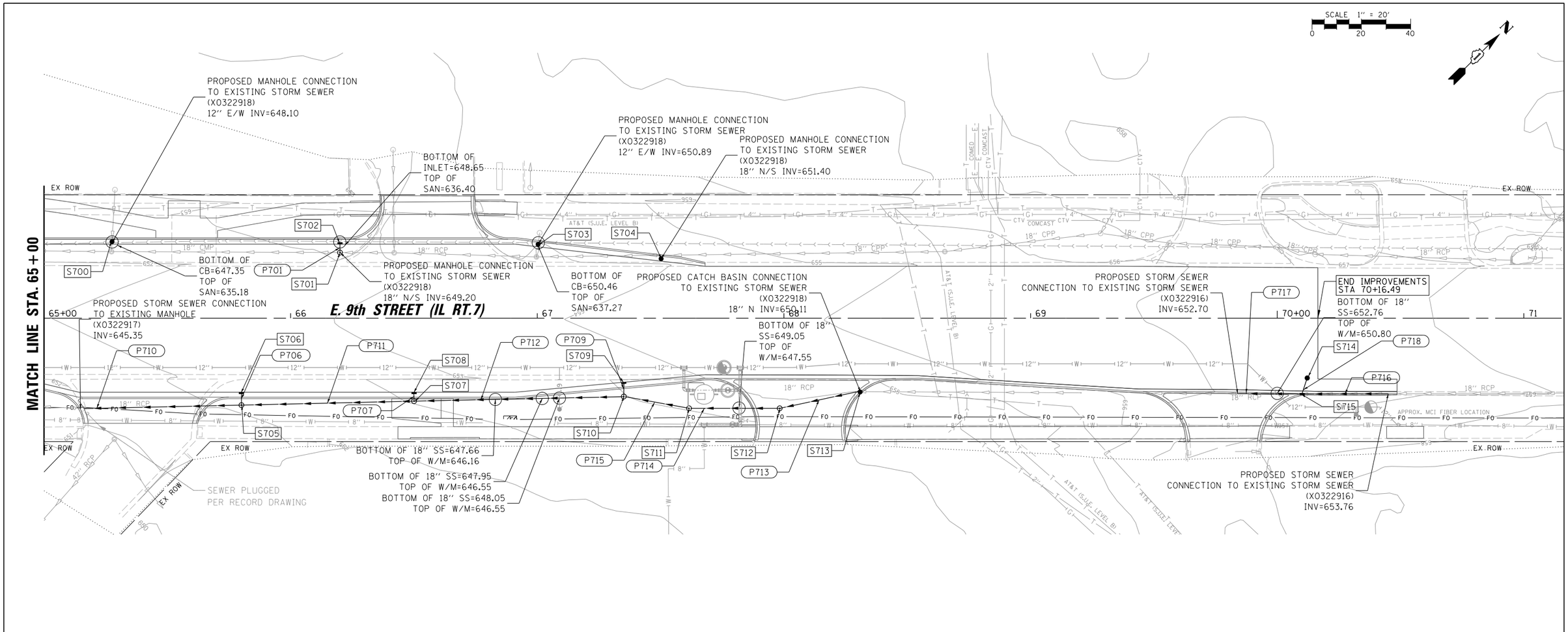

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
DRAINAGE PLAN & PROFILE

SCALE: 20' | SHEET 7 OF 8 SHEETS | STA. 65+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	71

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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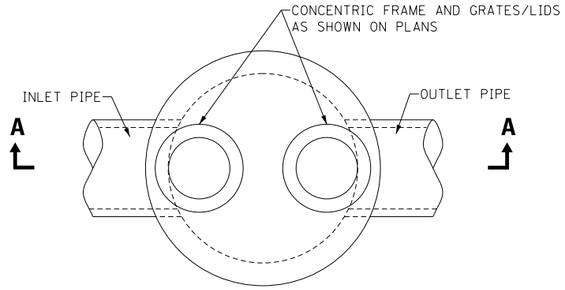
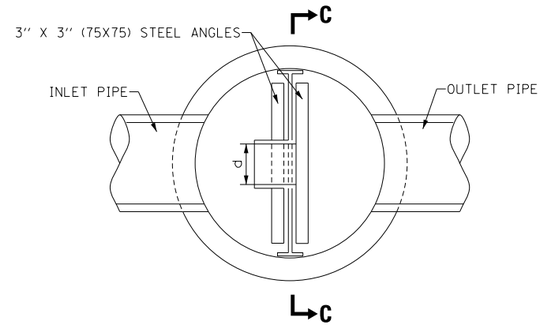
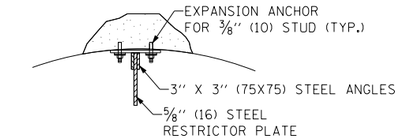


PLAN VIEW



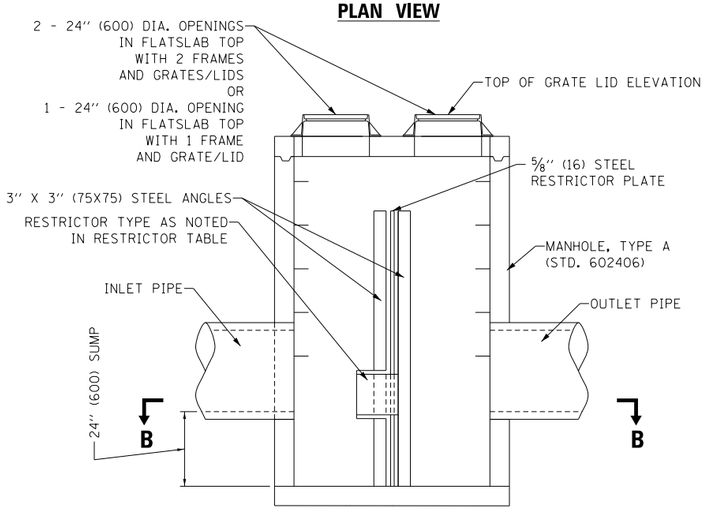
SECTION B–B



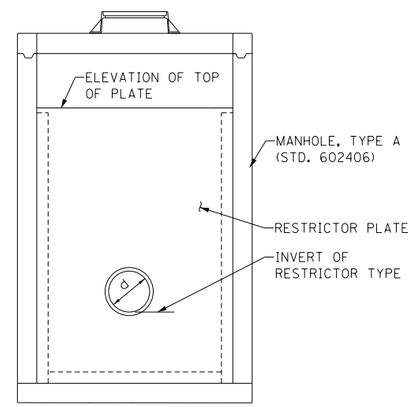
ANGLE FASTENER DETAIL

NOTES:

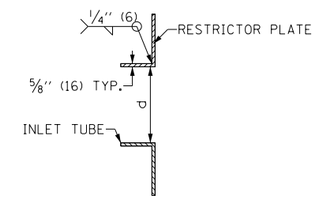
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES TYPE A, 6 FT. (1.8 m) - DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



SECTION A–A

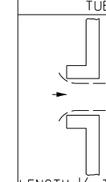
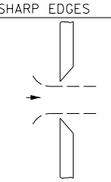
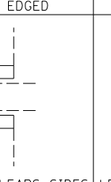
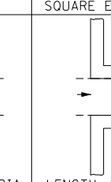
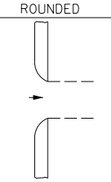


SECTION C–C

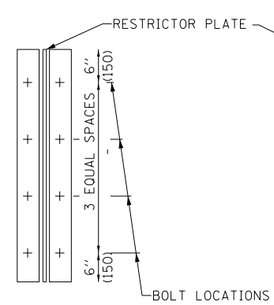


INLET TUBE DETAIL

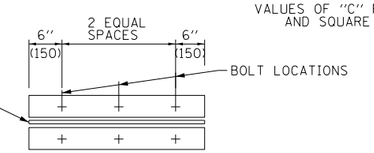
STRUCTURE NO.	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR DIAMETER	INVERT OF RESTRICTOR	ELEVATION OF TOP OF PLATE OVERFLOW	RIM ELEVATION
S101	6'	TYPE 20	2	8.0"	640.80	642.65	644.84
S203	6'	T1F CL	2	8.0"	637.40	639.90	642.53

RESTRICTOR TYPE					
1	2	3	4	5	6
RE -ENTRANT TUBE	SHARP EDGES	SQUARE EDGED	RE -ENTRANT TUBE	SQUARE EDGED	ROUNDED
					
LENGTH 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES



TYPICAL VERTICAL ANGLES
LOOKING TOWARD MANHOLE WALL



TYPICAL HORIZONTAL ANGLES
LOOKING TOWARD BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3X3X3/8 (75X75X75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

STEEL ANGLE BOLTING DETAILS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

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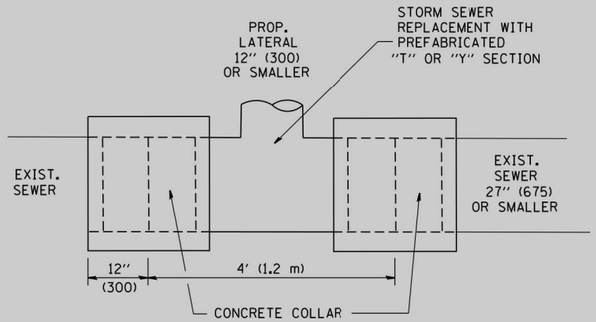
Default	PLOT DATE = 11/9/2023	CHECKED - JOC	REVISED -
		DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
DRAINAGE DETAILS

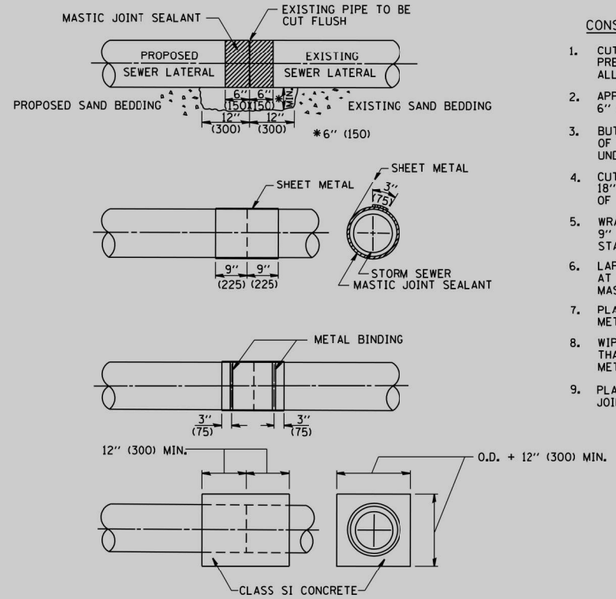
SCALE: N.T.S | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	72
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER



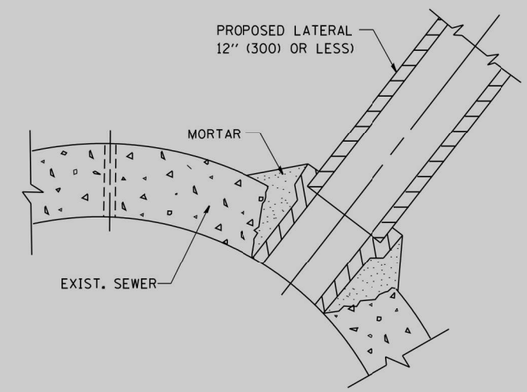
DETAIL "B"

CLASS SI CONCRETE COLLAR

PAID FOR AS PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER
X0322916

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".

B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

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Default	PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

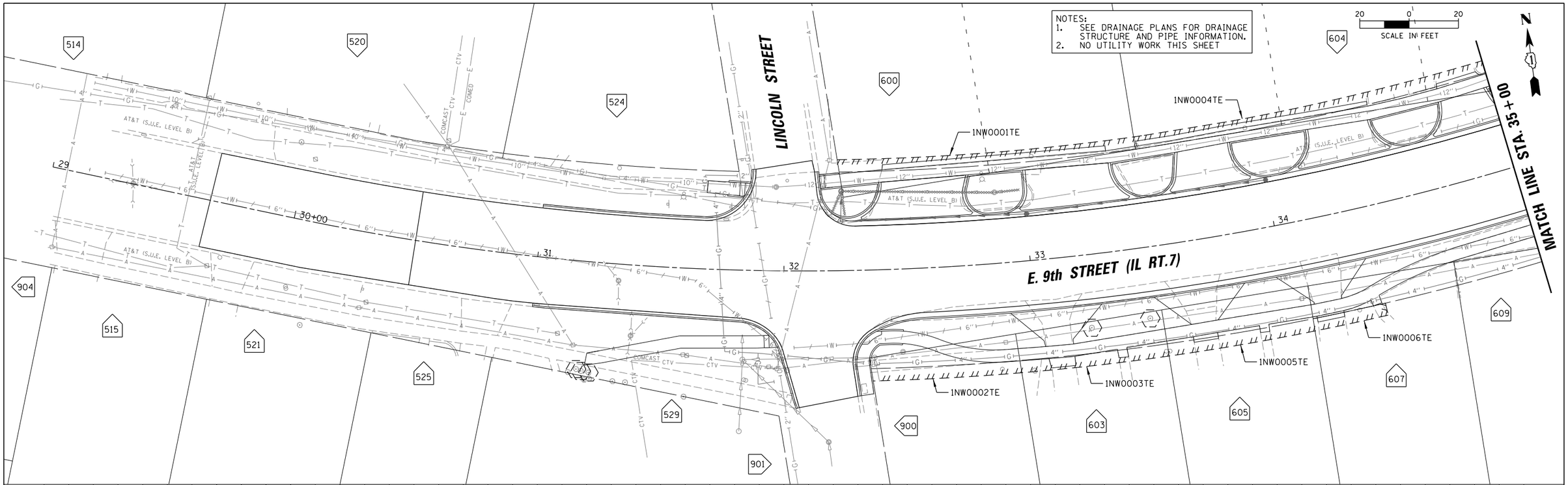
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

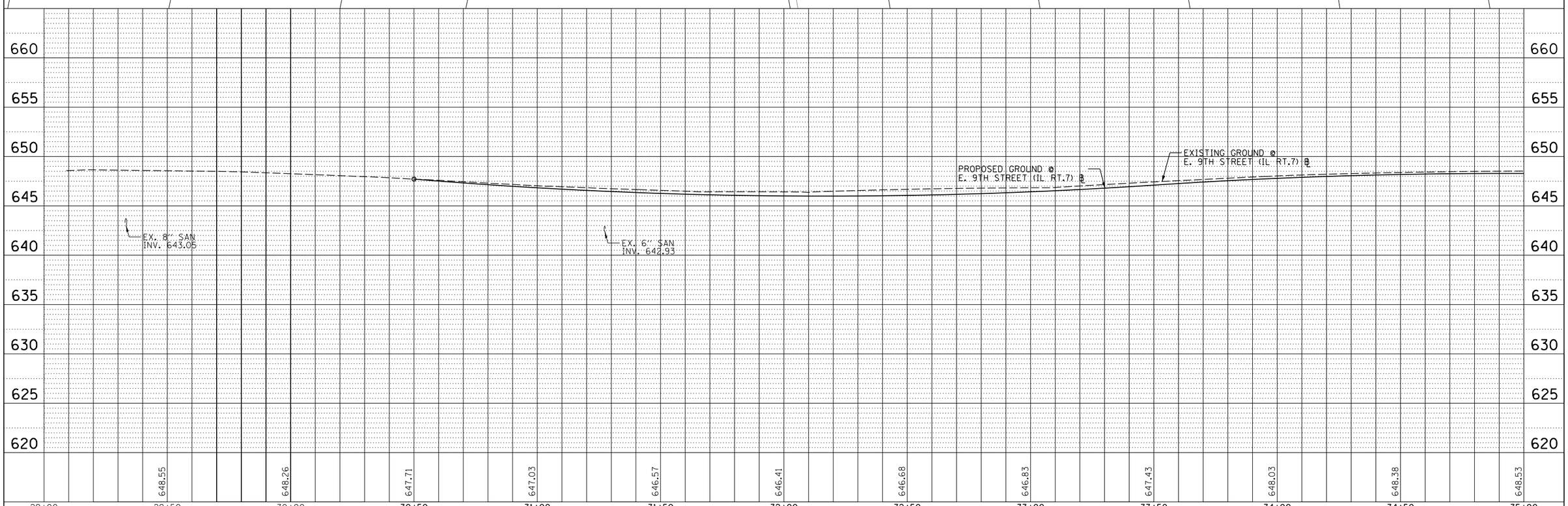
E. 9TH STREET (IL RT 7)
CONCRETE COLLAR DETAIL

SCALE: N.T.S | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	73
		CONTRACT NO. 61H98		
	ILLINOIS	FED. AID PROJECT		

NOTES:
1. SEE DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.
2. NO UTILITY WORK THIS SHEET





PLAN	BY	DATE
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PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

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	DRAWN - AJS	REVISED -
PLOT SCALE = 20'	CHECKED - BMW	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
UTILITY PLAN AND PROFILE

SCALE: 20' | SHEET 1 OF 7 SHEETS | STA. 29+00 TO STA. 35+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	74

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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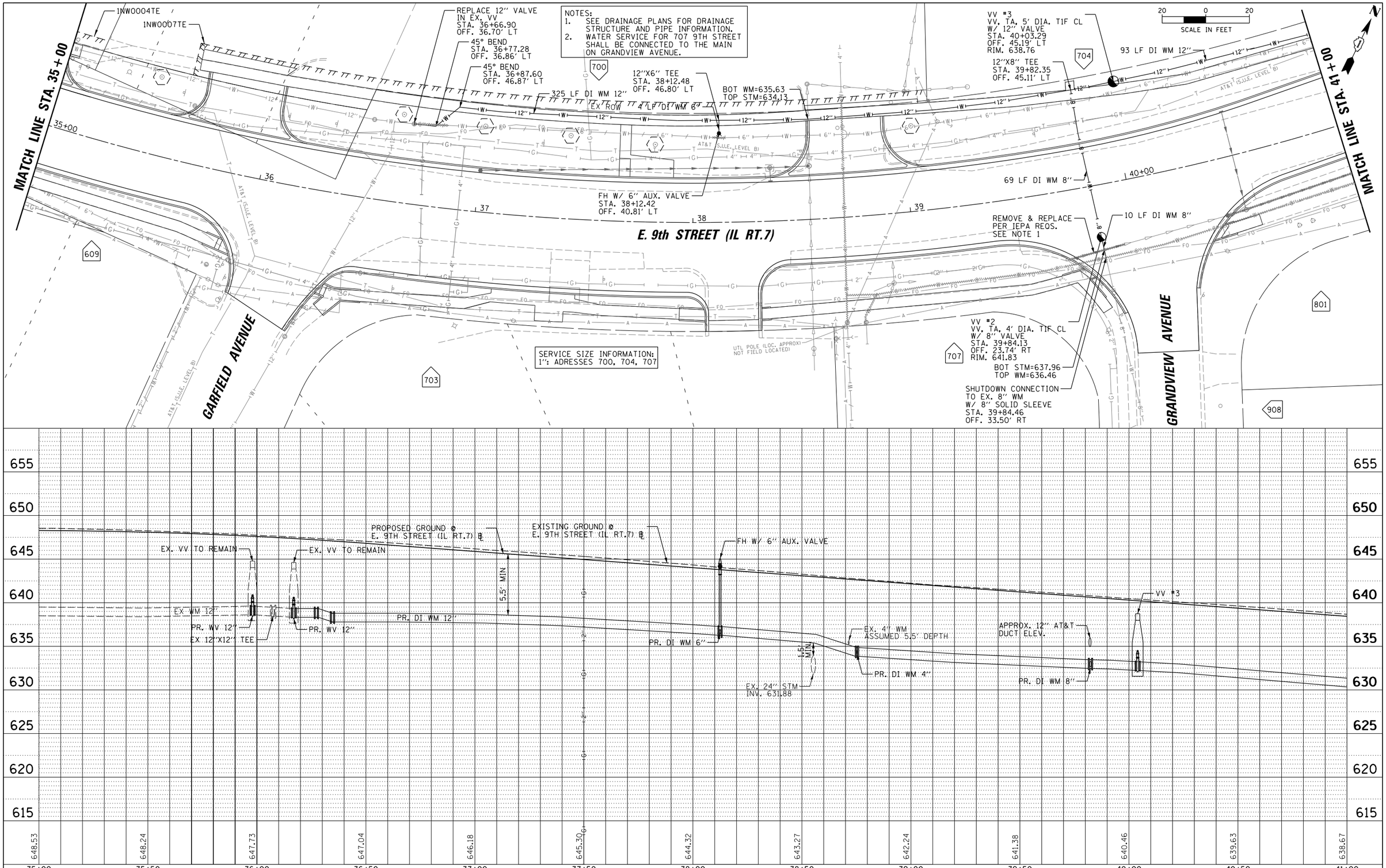
NOTES:
1. SEE DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.
2. WATER SERVICE FOR 707 9TH STREET SHALL BE CONNECTED TO THE MAIN ON GRANDVIEW AVENUE.



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ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
BM. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

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PLOT SCALE = 20'	CHECKED - BMW	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
UTILITY PLAN AND PROFILE

SCALE: 20' | SHEET 2 OF 7 SHEETS | STA. 35+00 TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	75

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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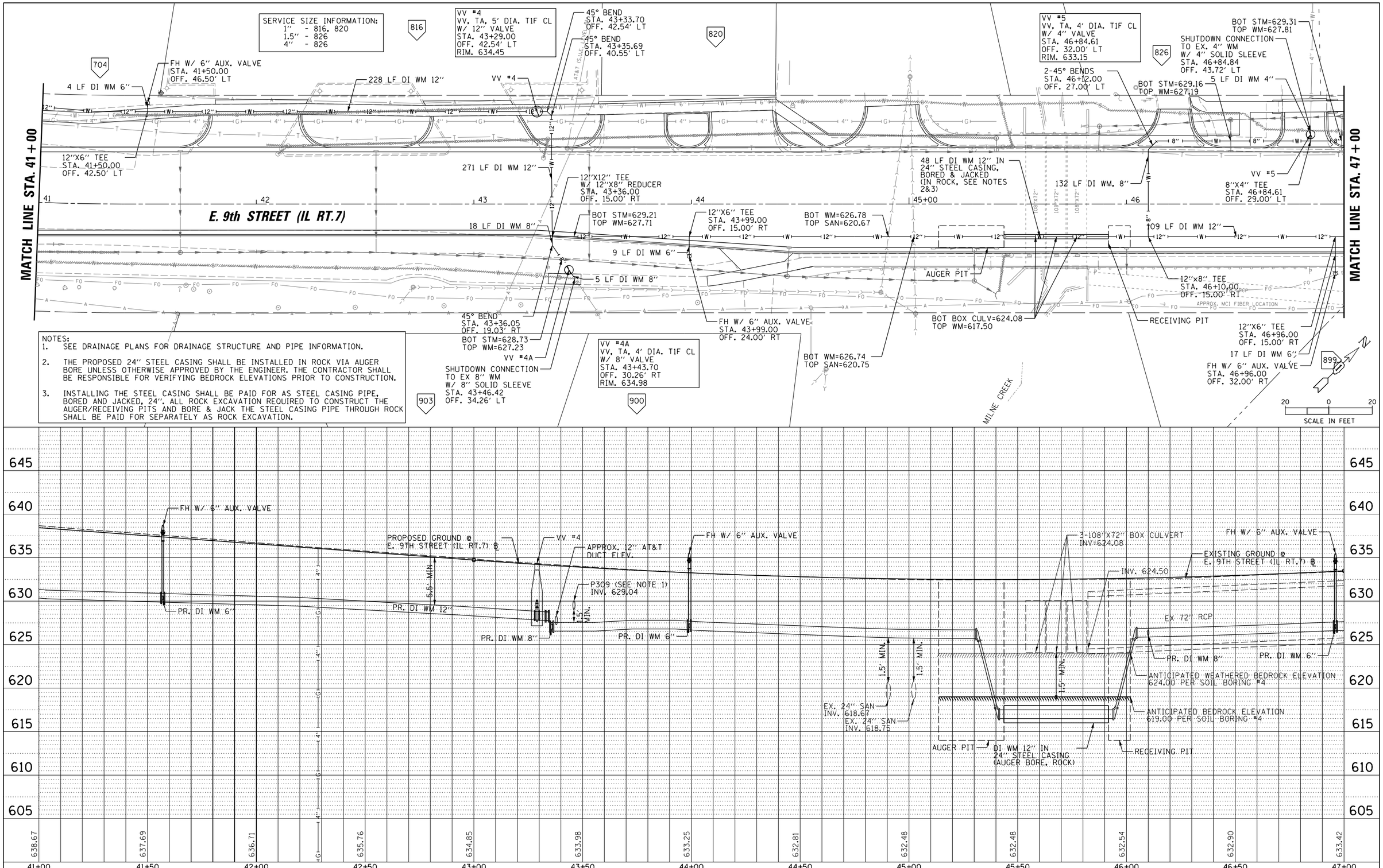

NOTES:

1. SEE DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.
2. THE PROPOSED 24'' STEEL CASING SHALL BE INSTALLED IN ROCK VIA AUGER BORE UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING BEDROCK ELEVATIONS PRIOR TO CONSTRUCTION.
3. INSTALLING THE STEEL CASING SHALL BE PAID FOR AS STEEL CASING PIPE, BORED AND JACKED, 24''. ALL ROCK EXCAVATION REQUIRED TO CONSTRUCT THE AUGER/RECEIVING PITS AND BORE & JACK THE STEEL CASING PIPE THROUGH ROCK SHALL BE PAID FOR SEPARATELY AS ROCK EXCAVATION.

PLAN — NOTE BOOK NO. ____ — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. ____ — SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD — BY — DATE

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	PLOT SCALE = 20'	CHECKED - BMW	REVISED -
	PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
UTILITY PLAN AND PROFILE

SCALE: 20' | SHEET 3 OF 7 SHEETS | STA. 41+00 TO STA. 47+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	76

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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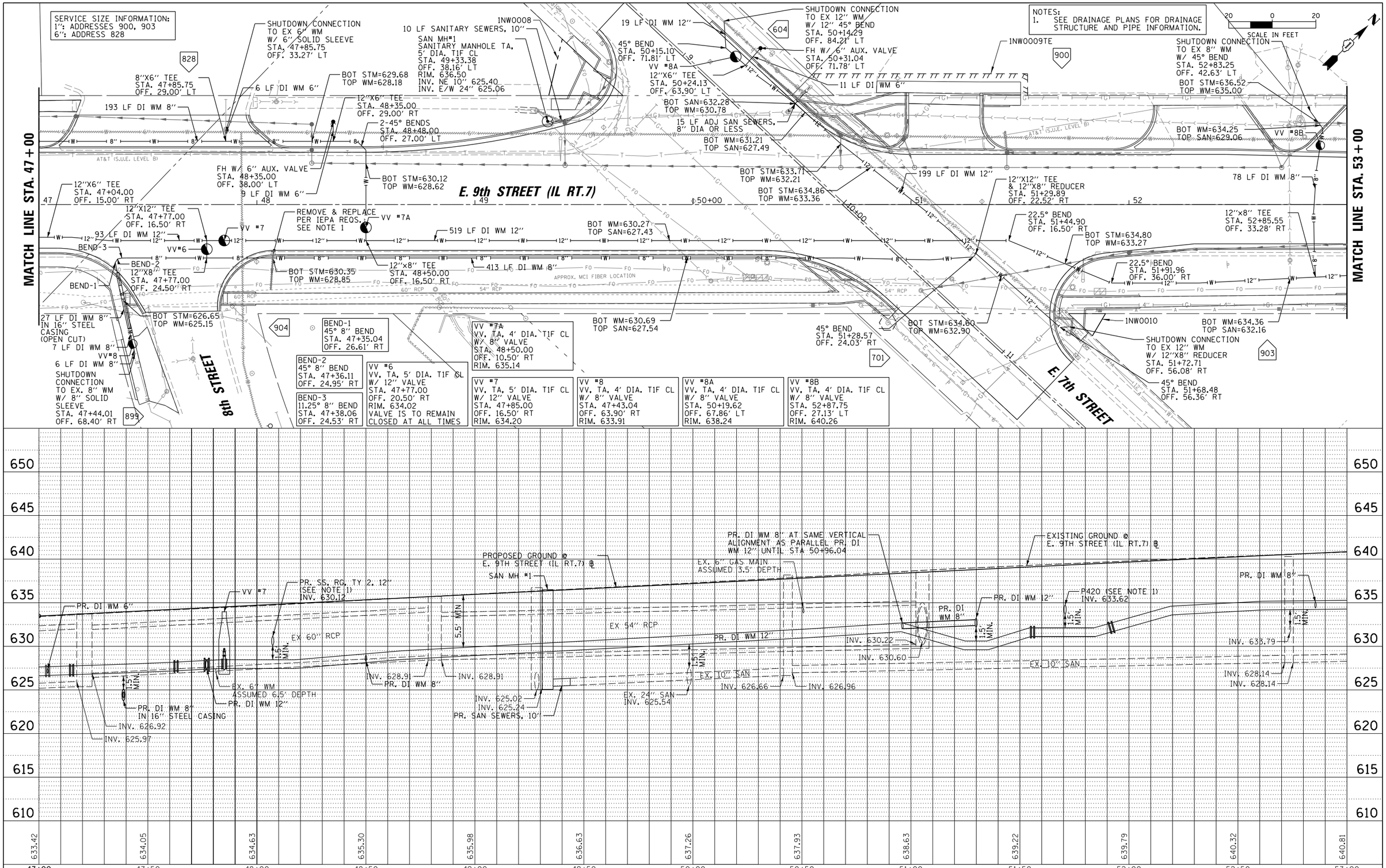

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ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
BM. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK NO.			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
UTILITY PLAN AND PROFILE

SCALE: 20' | SHEET 4 OF 7 SHEETS | STA. 47+00 TO STA. 53+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	77

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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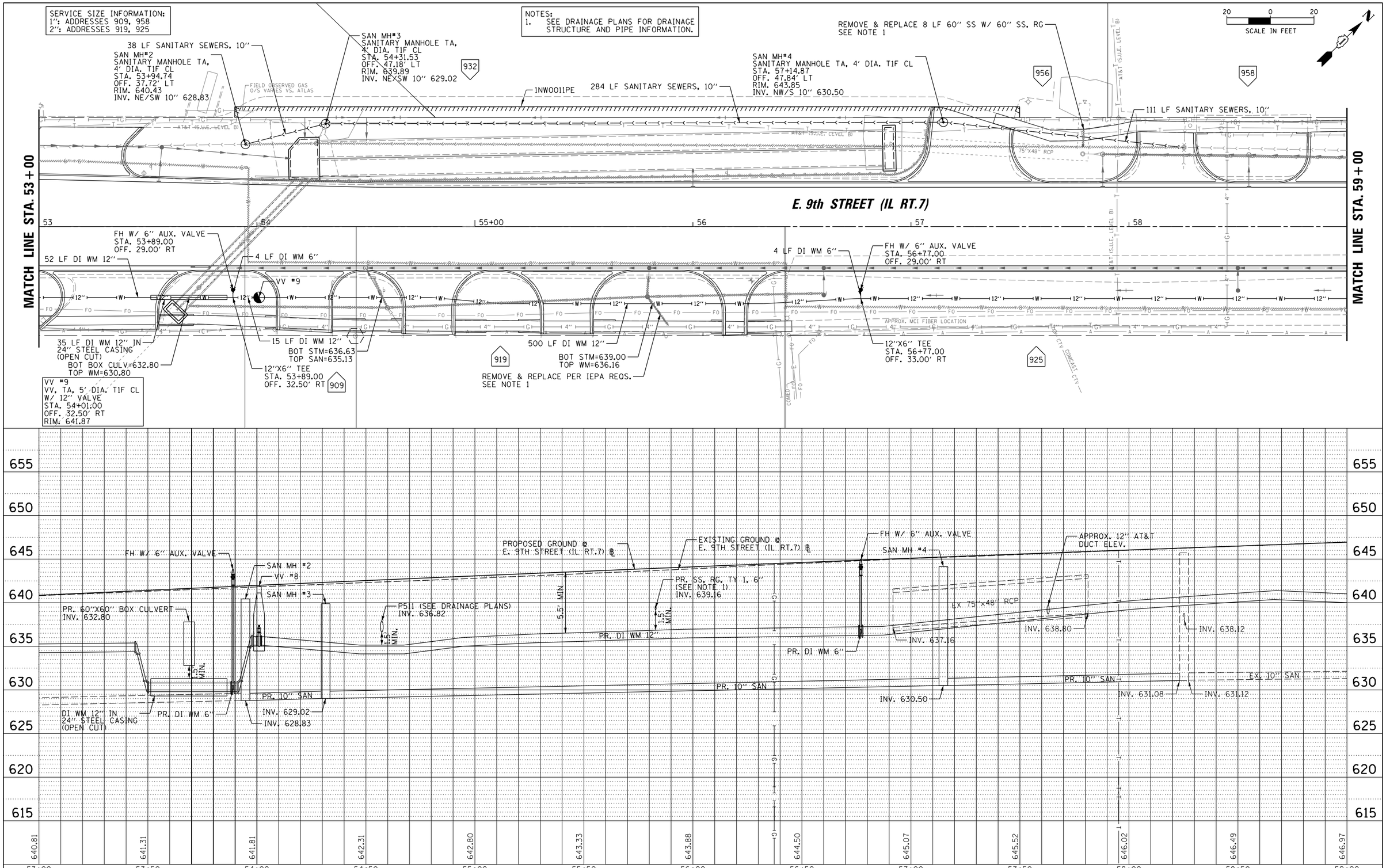
SERVICE SIZE INFORMATION:
1": ADDRESSES 909, 958
2": ADDRESSES 919, 925

NOTES:
1. SEE DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.



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ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BLM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK NO.
BY
DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
UTILITY PLAN AND PROFILE

SCALE: 20' | SHEET 5 OF 7 SHEETS | STA. 53+00 TO STA. 59+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	78

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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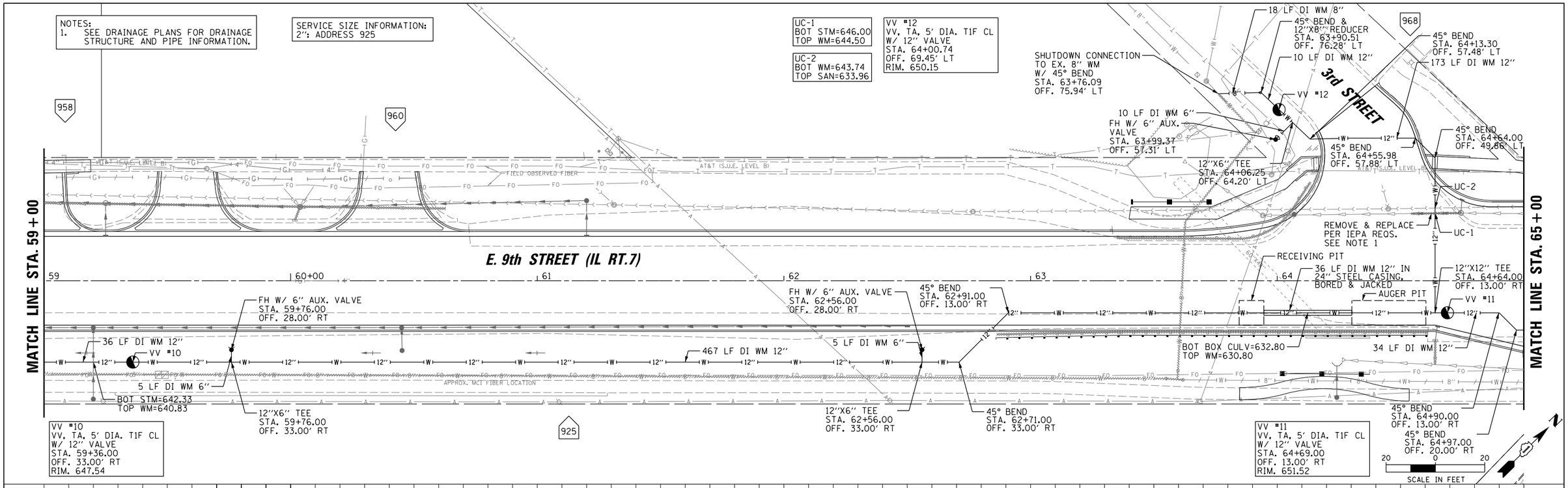
NOTES:
1. SEE DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.

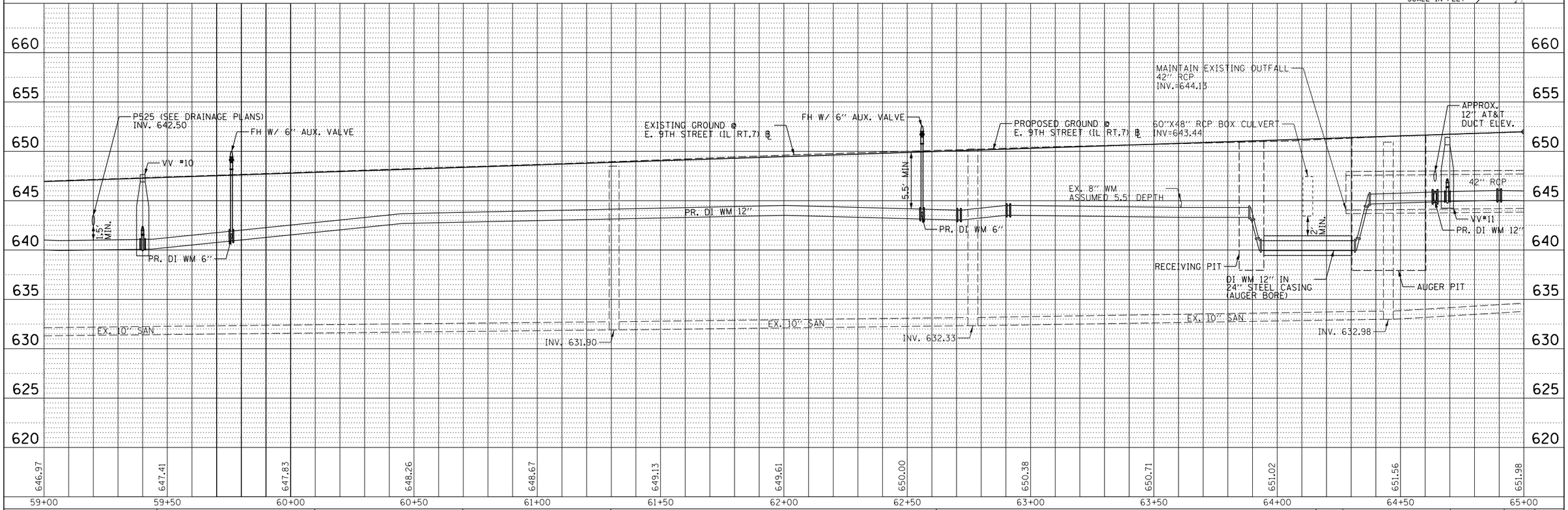
SERVICE SIZE INFORMATION:
2": ADDRESS 925

UC-1
BOT STM=646.00
TOP WM=644.50

UC-2
BOT WM=643.74
TOP SAN=633.96

VV #12
VV, TA, 5' DIA. T1F CL
W/ 12" VALVE
STA. 64+00.74
OFF. 69.45' LT
RIM. 650.15





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PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD — NOTE BOOK NO. ____ — BY — DATE

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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
UTILITY PLAN AND PROFILE

SCALE: 20' | SHEET 6 OF 7 SHEETS | STA. 59+00 TO STA. 65+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	79

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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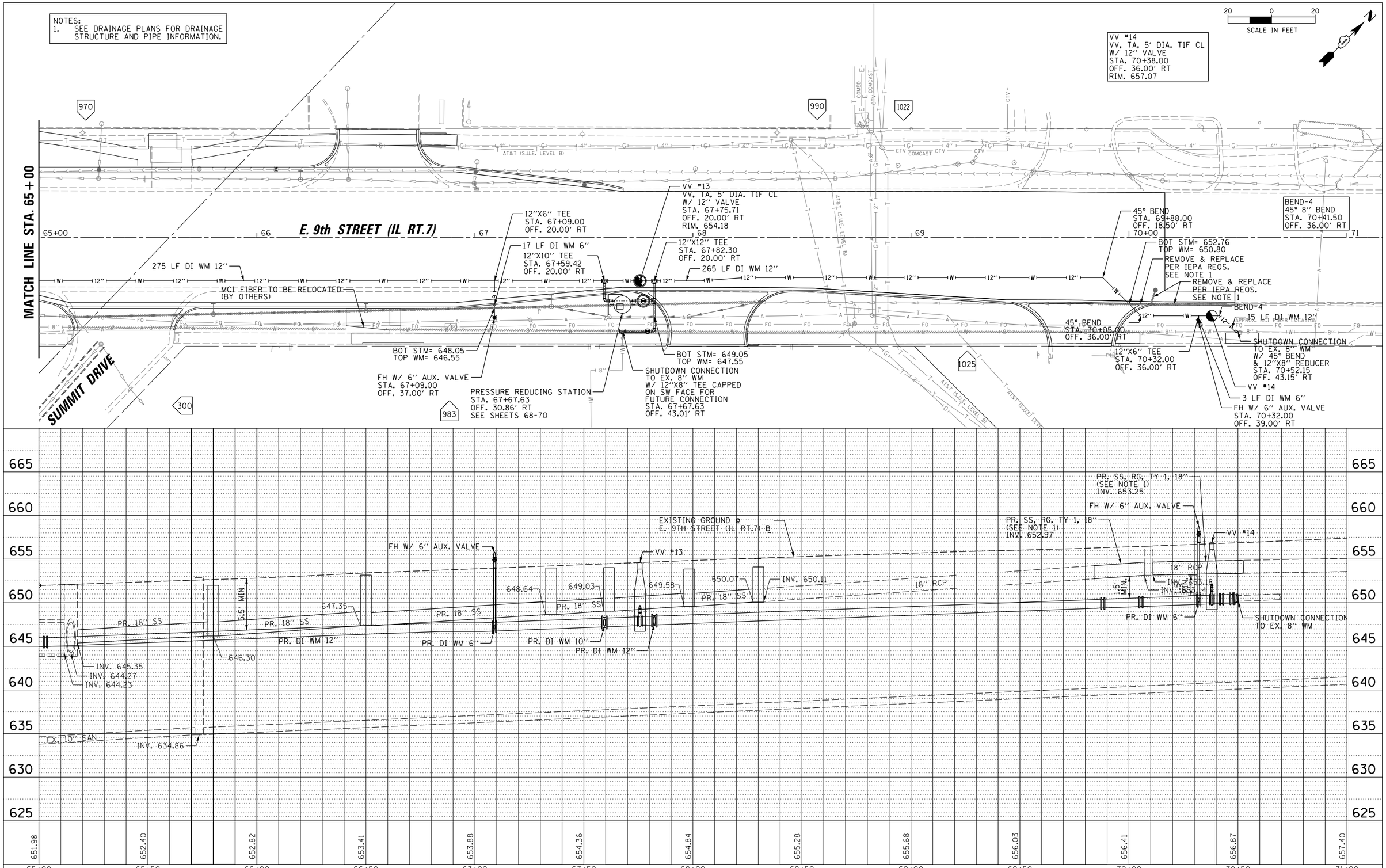
NOTES:
1. SEE DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
UTILITY PLAN AND PROFILE

SCALE: 20' | SHEET 7 OF 7 SHEETS | STA. 65+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	80
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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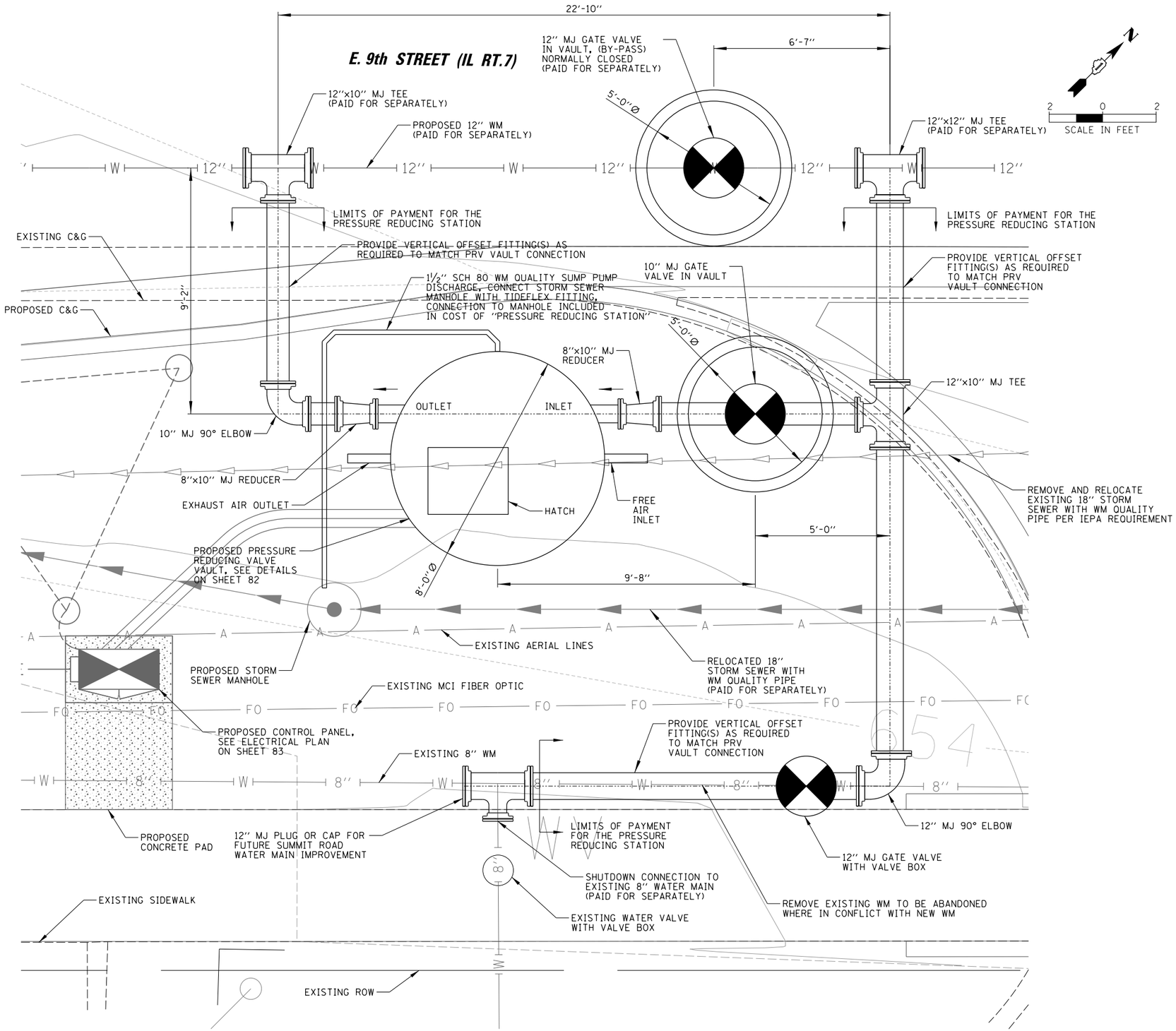

NOTES:

1. ALL SITE RESTORATION INCLUDING PAVEMENT AND DRIVEWAY PATCHING, LANDSCAPE RESTORATION, SIDEWALK REPLACEMENT, AND CURB & GUTTER REPLACEMENT SHALL BE PAID FOR SEPARATELY.

CAUTION
NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE PLANS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ENGINEER OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
15221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - MEE	REVISED -	
	DRAWN - KWB	REVISED -	
PLOT SCALE = 2'	CHECKED - MEE	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
PROPOSED PRESSURE REDUCING VALVE VAULT – SITE PLAN

SCALE: 2' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	81
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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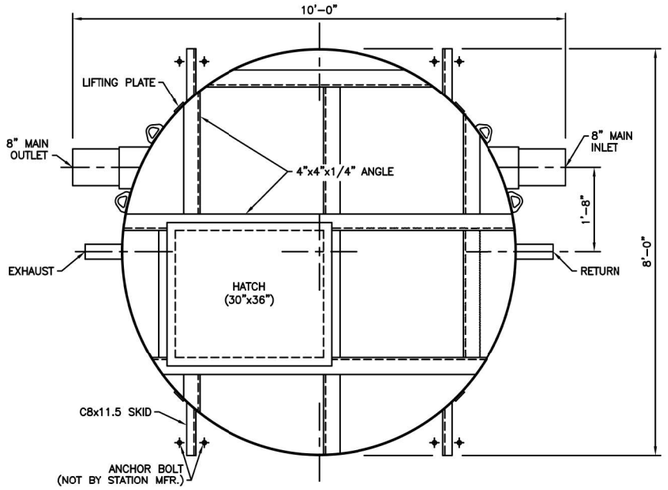
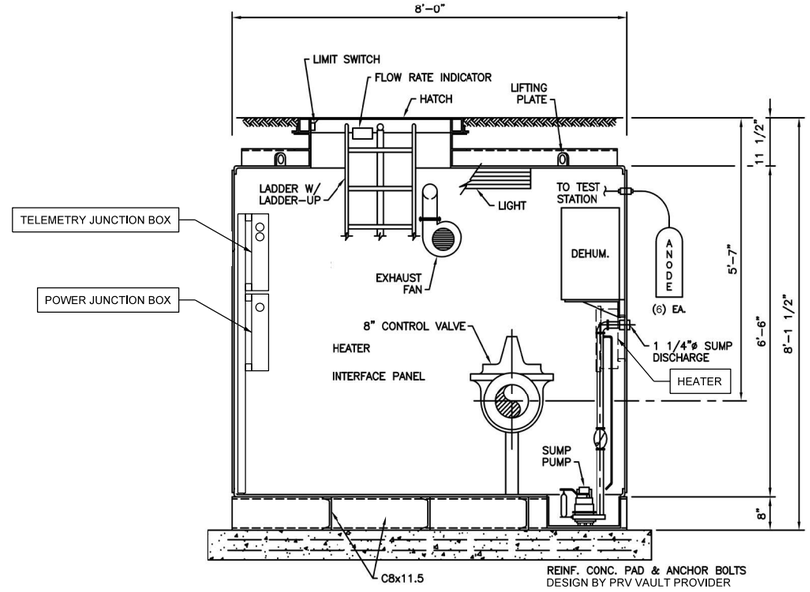
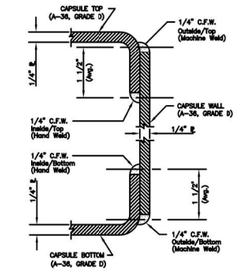


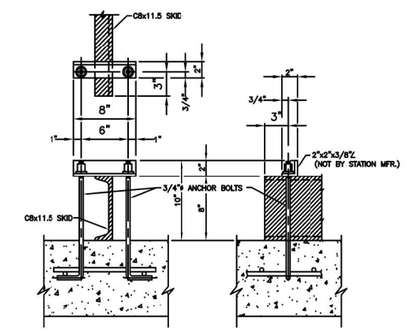
EXTERIOR PLAN



SECTION A–A

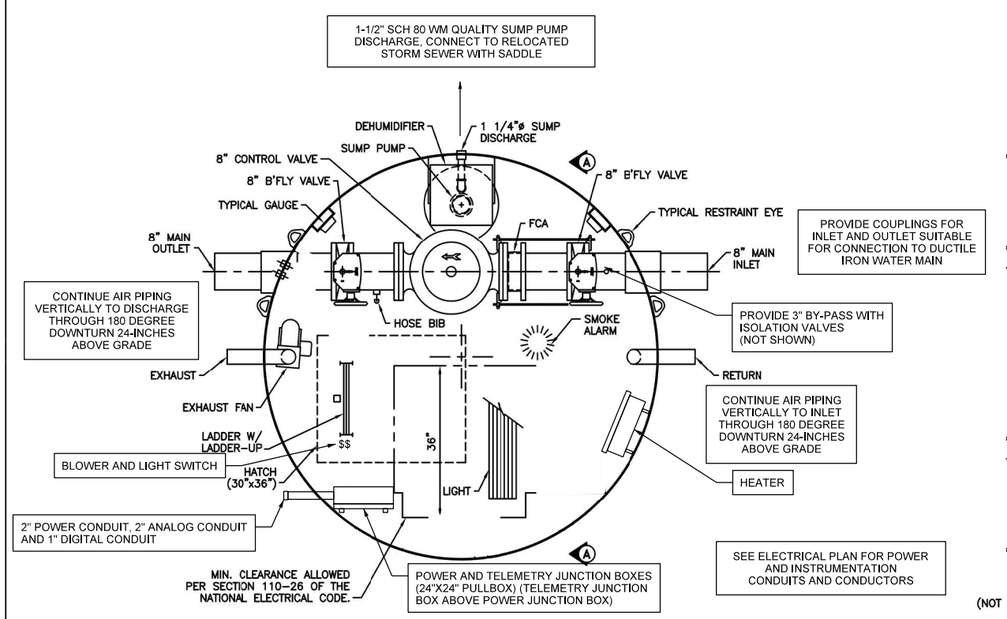


LAP JOINT CONNECTION OF CAPSULE WALL PLATE WITH FLANGE TOP AND BOTTOM

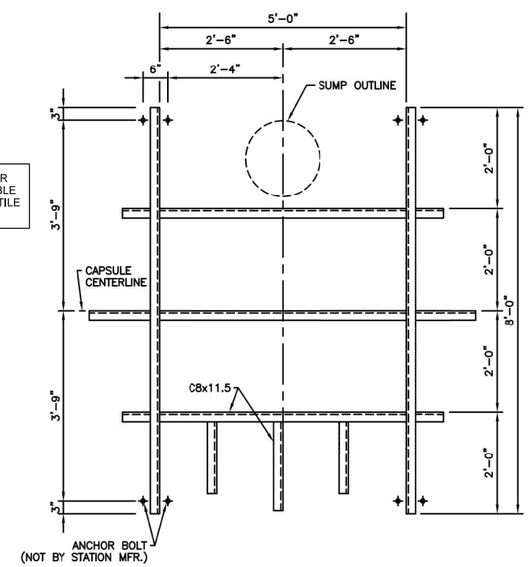


TYPICAL ANCHOR DETAIL

NOTE: ANCHOR CLIPS, ANCHOR BOLTS & NUTS BY INSTALLER



INTERIOR PLAN



SKID PLAN

GENERAL NOTES

CONTRACTOR'S NOTE:

SCHEDULE 40 STEEL PIPE
MAIN INLET: 8.6250" O.D.
MAIN OUTLET: 8.6250" O.D.

ALL PIPING AND EQUIPMENT WILL BE ADEQUATELY SUPPORTED AND BRACED

CAPSULE & STRUCTURAL STEEL: ASTM A-36

STRUCTURAL TUBING: A500, GRADE B

CONTRACTOR'S NOTES

SUMP PUMP AND DEHUMIDIFIER MUST BE POWERED UP AND TURNED ON IMMEDIATELY AFTER THIS STATION IS SET IN PLACE.

DO NOT SHIM STATION. IT IS INTENDED THAT THE MAIN FLOOR MEMBERS BE IN CONTINUOUS CONTACT WITH THE CONCRETE PAD.

PLEASE NOTE ORIENTATION OF THE INLET AND OUTLET PIPE AND ELECTRICAL CONDUIT LOCATIONS IN REFERENCE TO THE JOBSITE LAYOUT.

THE STATION IS NOT DESIGNED TO ACCEPT PIPELINE FORCES. THRUST BLOCKING MUST BE PROVIDED EXTERNAL TO THE STATION.

NOTE: FCA – FLANGED COUPLING ADAPTER

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Lockport, Illinois 60441
(815) 770-2850

USER NAME = eschaefer	DESIGNED - MEE	REVISED -	
	DRAWN - KWB	REVISED -	
PLOT SCALE = 20'	CHECKED - MEE	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
PROPOSED PRESSURE REDUCING VALVE VAULT – VAULT DETAILS

SCALE: 20' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	82
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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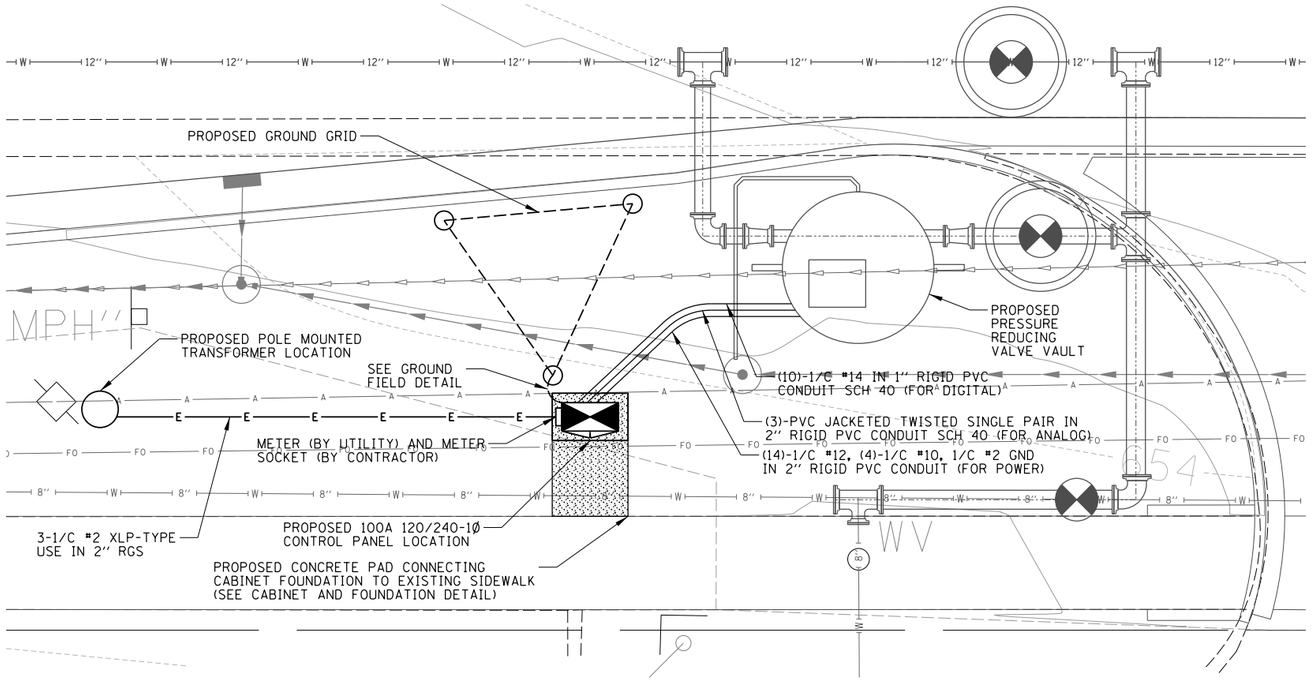
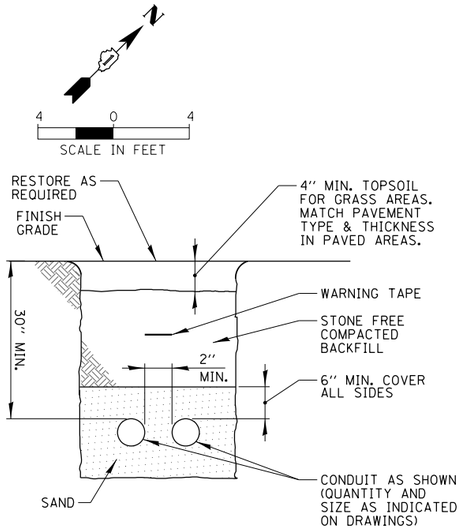


CONDUIT & GROUNDING PLAN

1/4" = 1'

NOTES:

1. SEE SITE PLAN FOR EQUIPMENT ORIENTATION AND ARRANGEMENT. CONTRACTOR TO COORDINATE.
2. THIS PLAN ILLUSTRATES A CONCEPTUAL CONDUIT LAYOUT. CONTRACTOR TO COORDINATE AS REQUIRED.
3. CONDUITS ROUTED TO THE WET WELL SHALL BE SLOPED TO DRAIN TO WET WELL.
4. NO DISSIMILAR VOLTAGE CONDUCTORS SHALL BE RUN IN SAME CONDUIT. TSP ARE NOT TO BE COMBINED WITH OTHER CONDUCTORS, LOW VOLTAGE DC CONDUCTORS SHALL NOT BE COMBINED WITH MEDIUM VOLTAGE AC CONDUCTORS.
5. INSTRUMENT CONDUCTORS (TSP) AND CONDUITS SHALL BE SEPARATED BY 2-FEET FROM 480 VOLT POWER CONDUCTORS AND CONDUITS. INSTRUMENT CONDUCTORS SHALL CROSS POWER CONDUCTORS AT 90 DEGREES.
6. ALL CONTROL CONDUCTORS TO BE IN RGS CONDUIT, MINIMUM 3/4", UNLESS OTHERWISE NOTED. ALL BURIED CONDUIT TO BE PVC COATED.

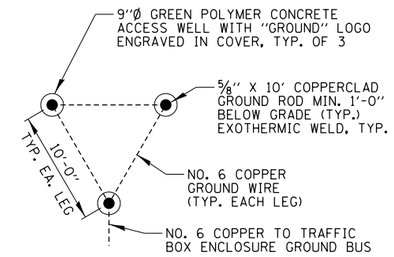


DIRECT BURIED CONDUIT DETAIL

N.T.S.

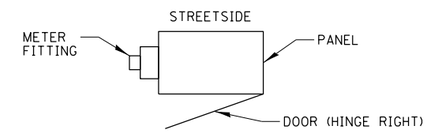
GROUNDING NOTES

1. FURNISH AND INSTALL A GROUND FIELD AS SHOWN. GROUNDING CONDUCTOR SHALL BE INSTALLED 1-FT. MINIMUM BELOW GROUND.
2. GROUND ALL EXPOSED METAL WORK SUCH AS HATCHES, METAL CABINETS AND EQUIPMENT FRAMES, ETC. CONNECTIONS TO HATCHES, AND OTHER METAL WORK SHALL BE FUSION WELDED. CONNECTIONS TO THE GALVANIZED EQUIPMENT AND TO EQUIPMENT WHICH MAY BE REMOVED FOR MAINTENANCE SHALL BE MADE WITH BOLTED CLAMP TYPE CONNECTIONS OF SOLID COPPER, WELDED TO THE GROUNDING CONNECTOR.
3. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF SYSTEM GROUNDING CONDUCTOR SHALL BE NO. 8 AWG.
4. EACH CONDUIT RUN SHALL BE GROUNDED TO THE COMMON GROUNDING BUS IN THE PANEL WHERE IT ORIGINATES. THE MINIMUM SIZE OF GROUNDING CONDUCTOR SHALL BE PER NEC SECTION 250.122 OR AS OTHERWISE SHOWN ON THE DRAWINGS.
5. GROUNDING RODS SHALL BE COPPERWELD, MINIMUM 5/8-IN. DIAMETER X 10-FT. LONG. CABLE-TO-CABLE AND CABLE-TO-GROUND ROD CONNECTIONS SHALL BE MADE BY THE FUSION WELDING PROCESS.



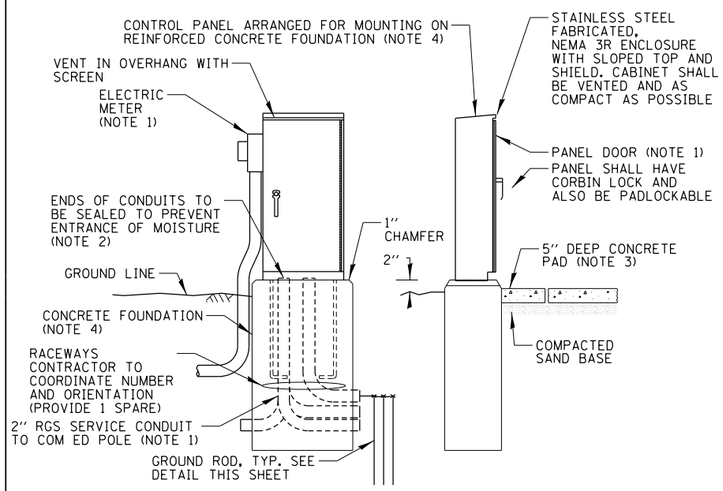
GROUND FIELD DETAIL (TYP.)

N.T.S.



PROPOSED PANEL METER FITTING & DOOR ORIENTATION

N.T.S.



NOTES:

1. SEE DETAIL THIS SHEET FOR CABINET METER FITTING & DOOR ORIENTATION.
2. INSTALL GROUNDING BUSHINGS ON EMBEDDED RGS CONDUITS AND BOND W/ #8 AWG.
3. CONTRACTOR TO POUR HOUSE KEEPING PAD FROM FACE OF PANEL FOUNDATION TO EDGE OF SIDEWALK.
4. CONTRACTOR TO COORDINATE THE SIZE OF THE PANEL AND PANEL FOUNDATION DURING SHOP DRAWING REVIEW WITH PANEL SUPPLIER PRIOR TO POURING.

PROPOSED CONTROL PANEL AND FOUNDATION

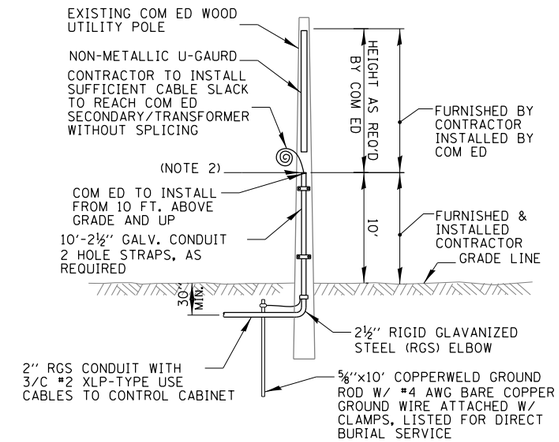
N.T.S.

PANELBOARD SCHEDULE LP-1

FED FROM:	TR-1	TOT. 'A' PHASE:	6814	VA
VOLTAGE:	120/240V, 1 PH, 3W	TOT. 'B' PHASE:	6064	VA
BUS SIZE:	100A			
MAINS:	100A - MAIN BREAKER			
SPACES:	18	TOTAL 'A' + 'B' :	12878	VA
SHORT CKT RATING:	10KAIC			
BONDING JUMPER:	YES			
MOUNTING:	SURFACE	TOTAL AMPS:	53.7	A

CKT #	CB/ POLES	DESCRIPTION	A PH VA	B PH VA	A PH VA	B PH VA	DESCRIPTION	CB/ POLES	CKT #
1	20A/1P	PRV STATION LIGHTS	115		2400		PRV STATION HEATER	30A/2P	2
3	20A/1P	PRV STATION RECEPTACLES		540		2400			4
5	20A/1P	PRV STATION SUMP PUMP	1164		500		TELEMETRY PANEL	20A/1P	6
7	20A/1P	PRV STATION BLOWER		864		160	CABINET RECEPTACLE	20A/1P	8
9	20A/1P	PRV STATION DEHUMIDIFIER	360		2000		SPD	30A/2P	10
11	20A/1P	PRV STATION ANTI-CONDENSATION HEATER		100		2000			12
13	20A/1P	PRV STATION RECEPTACLE	160		115		CABINET CORD LIGHT	20A/1P	14
15	20A/1P	SPARE					SPARE	20A/1P	16
17	20A/1P	SPARE					SPARE	20A/1P	18
		SUBTOTALS:	1799	1504	5015	4560			

NOTE: ALL CIRCUIT BREAKERS SHALL BE BOLT ON TYPE
* CONFIRM AMP RATING IN FIELD



NOTES:

1. ALL WORK SHALL CONFORM TO COM ED'S BOOK OF "INFORMATION AND REQUIREMENTS FOR THE SUPPLY OF ELECTRIC SERVICE."
2. CONTRACTOR SHALL PROVIDE CONDUIT BUSHING AND SEALING COMPOUND AT TOP OF RISER.
3. ALL MATERIAL ABOVE (EXCEPT FOR POLE) SHALL BE INCLUDED IN THE PRICE BID FOR "ELECTRIC SERVICE INSTALLATION". THE HORIZONTAL SERVICE CONDUIT AND WIRING FROM POLE TO CONTROLLER SHALL BE PAID FOR SEPERATELY.

COM ED OVERHEAD CONNECTION POLE

N.T.S.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - MEE	REVISED -	
	DRAWN - KWB	REVISED -	
PLOT SCALE = 4'	CHECKED - MEE	REVISED -	
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
PROPOSED PRESSURE REDUCING VALVE VAULT – ELECTRICAL PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	83
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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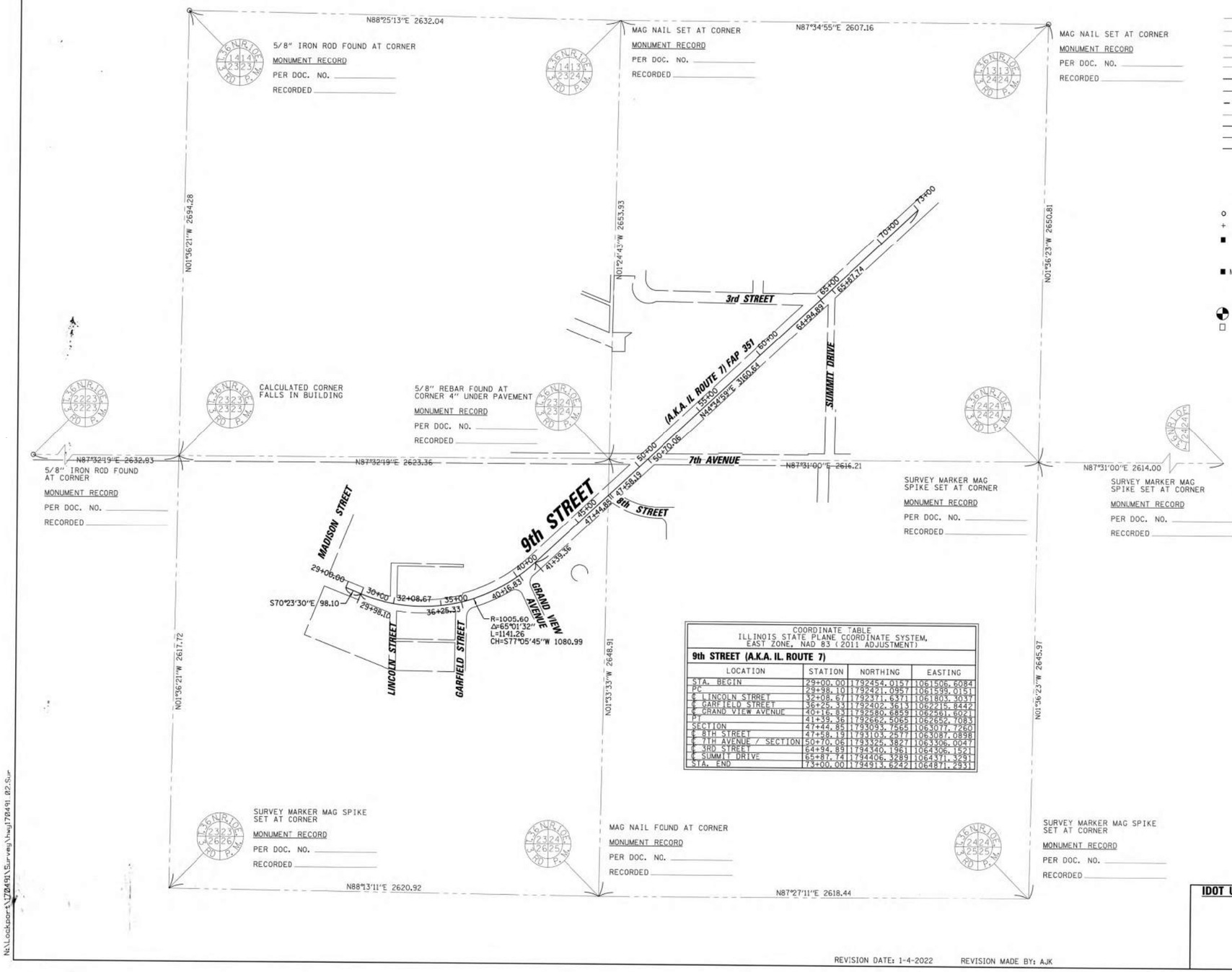
PART OF THE SOUTHEAST QUARTER OF SECTION 23, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE SOUTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE NORTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

FOR REFERENCE ONLY



COORDINATE TABLE
ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011 ADJUSTMENT)

9th STREET (A.K.A. IL ROUTE 7)

LOCATION	STATION	NORTHING	EASTING
STA. BEGIN	29+00.00	1792454.0157	1061506.6084
PC	29+98.10	1792421.0957	1061599.0151
℄ LINCOLN STRREET	32+08.67	1792371.6371	1061803.3037
℄ GARFIELD STREET	36+25.33	1792402.3613	1062215.8442
℄ GRAND VIEW AVENUE	40+16.83	1792580.6859	1062561.6021
PT	41+39.36	1792662.5065	1062652.7083
SECTION	47+44.85	1793093.7565	1063017.7260
℄ 8TH STREET	47+58.19	1793103.2577	1063087.0898
℄ 7TH AVENUE / SECTION	50+70.06	1793325.3827	1063306.0047
℄ 3RD STREET	64+94.89	1794340.1961	1064306.1521
℄ SUMMIT DRIVE	65+87.74	1794406.3289	1064371.3291
STA. END	73+00.00	1794913.6242	1064871.2931

LEGEND

SECTION CORNER (9 10 16 15)
QUARTER SECTION CORNER (16 15)

N

GRAPHIC SCALE FEET (0 100)
SCALE: 1"= 300'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- **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 OF 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 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23 & 24, TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, 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 ROSEMONT, ILLINOIS THIS 4 DAY OF January 2022 A.D.

Kenneth J. Rasmussen

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3523
LICENSE EXPIRATION DATE: 11-30-2022

KENNETH J. RASMUSSEN 3523 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ROSEMONT, ILLINOIS

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTE:

ALL DIMENSION ARE MEASURED UNLESS OTHERWISE SPECIFIED

BEARINGS AND DISTANCES SHOWN HEREON 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 0.999956677.

AREAS SHOWN ON THIS PLAT ARE "GROUND"

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

REVISION DATE: 1-4-2022 REVISION MADE BY: AJK

IDOT USE ONLY

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
9th STREET (A.K.A. IL ROUTE 7) FAP 351

LIMITS: LINCOLN ST TO SUMMIT DR COUNTY: WILL
SECTION: 18-00084-00-WR JOB NO.: R-91-026-20
STA. 29+00.00 TO STA. 73+00.00
SCALE: 1"= 300' SHEET 2 OF 9 SHEETS

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

PART OF THE SOUTHEAST QUARTER OF SECTION 23, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE SOUTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE NORTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

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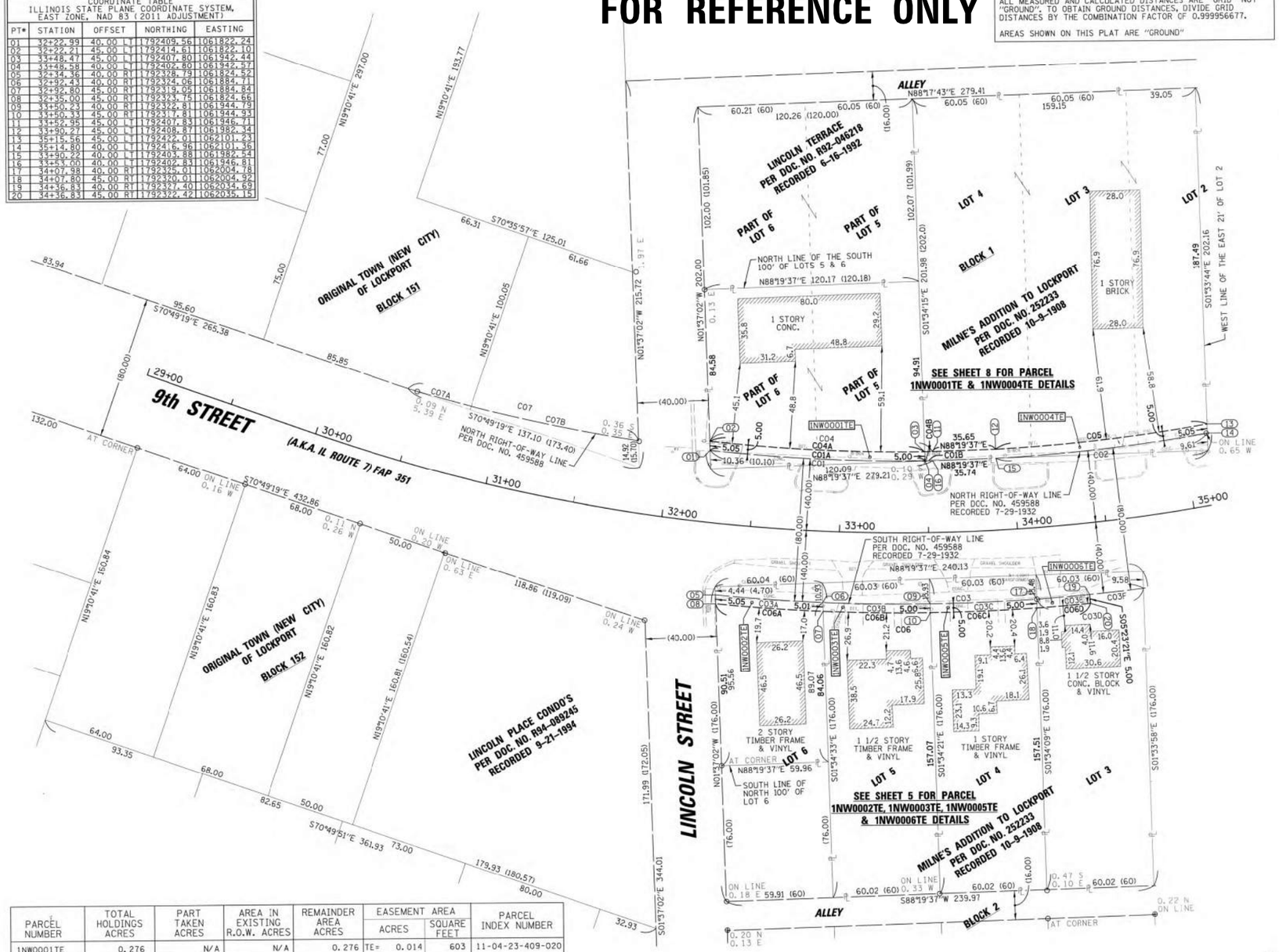
AREAS SHOWN ON THIS PLAT ARE "GROUND"

COORDINATE TABLE
ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011 ADJUSTMENT)

PT*	STATION	OFFSET		NORTHING	EASTING
01	32+22.99	40.00	LT	1792409.56	1061822.24
02	32+22.21	45.00	LT	1792414.61	1061826.10
03	33+48.47	45.00	LT	1792407.80	1061942.44
04	33+48.58	40.00	LT	1792402.80	1061942.57
05	32+34.36	40.00	RT	1792328.79	1061824.52
06	32+32.43	40.00	RT	1792324.06	1061884.71
07	32+92.80	45.00	RT	1792319.02	1061884.84
08	32+35.00	45.00	RT	1792323.75	1061824.66
09	33+50.23	40.00	RT	1792322.81	1061944.79
10	33+50.33	45.00	RT	1792317.81	1061944.93
11	33+52.95	45.00	LT	1792407.83	1061946.71
12	33+90.27	45.00	LT	1792408.87	1061982.34
13	35+15.56	45.00	LT	1792422.01	1062101.23
14	35+14.80	40.00	LT	1792416.36	1062101.36
15	33+90.22	40.00	LT	1792403.88	1061982.54
16	33+63.00	40.00	LT	1792402.83	1061946.81
17	34+07.98	40.00	RT	1792325.01	1062004.18
18	34+07.80	45.00	RT	1792320.01	1062004.92
19	34+36.83	40.00	RT	1792327.40	1062034.69
20	34+36.83	45.00	RT	1792322.42	1062035.15



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
1NW0001TE	0.276	N/A	N/A	0.276	TE= 0.014	603	11-04-23-409-020
1NW0002TE	0.138	N/A	N/A	0.138	TE= 0.007	302	11-04-23-415-001
1NW0003TE	0.243	N/A	N/A	0.243	TE= 0.007	301	11-04-23-415-003
1NW0004TE	0.738	N/A	N/A	0.738	TE= 0.018	798	11-04-23-409-041
1NW0005TE	0.243	N/A	N/A	0.243	TE= 0.007	300	11-04-23-415-004
1NW0006TE	0.243	N/A	N/A	0.243	TE= 0.003	151	11-04-23-415-005

LEGEND

SECTION CORNER
QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

N

GRAPHIC SCALE FEET
SCALE: 1"= 30'

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
"MAG" NAIL SET
5/8" REBAR SET

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 OF 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 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23 & 24, TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, 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 ROSEMONT, ILLINOIS THIS 4 DAY OF August, 2022 A.D.

Kenneth J. Rasmussen

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3548
LICENSE EXPIRATION DATE: 11-30-2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT STATE OF ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PROFESSIONAL LAND SURVEYOR 3548 STATE OF ILLINOIS ROSEMONT, ILLINOIS

CURVE	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C01	(965.60)	7°24'27"	124.84 (114.2)	S86°54'32"E	124.75
C01A	(965.60)	7°09'22"	120.60	N86°46'59"W	120.52
C01B	(965.60)	0°15'05"	4.24	S89°30'47"W	4.24
C02	(965.60)	7°05'53"	119.63	S83°43'03"W	119.55
C03	(1045.60)	13°11'22"	240.70	N89°33'08"E	240.17
C03A	(1045.60)	3°18'31"	60.38	S85°50'26"E	60.37
C03B	(1045.60)	3°17'37"	60.11	S88°48'30"E	60.10
C03C	(1045.60)	3°17'24"	60.04	N87°53'59"E	60.03
C03D	(1045.60)	3°17'50"	60.17	N84°36'22"E	60.16
C03E	(1045.60)	1°48'38"	30.00	N85°25'58"E	30.00
C03F	(1045.60)	1°39'12"	30.17	N83°47'03"E	30.17
C04	960.60	7°26'56"	124.88	N86°53'08"W	124.80
C04A	960.60	7°11'38"	120.61	S86°45'29"E	120.53
C04B	960.60	0°15'18"	4.28	N89°31'03"E	4.28
C05	960.60	7°08'18"	119.69	N83°21'40"E	119.61
C06	950.60	11°29'57"	210.85	S89°38'22"E	210.50
C06A	1050.60	3°17'34"	60.38	N85°52'10"W	60.37
C06B	1050.60	3°16'41"	60.11	S88°49'18"E	60.10
C06C	1050.60	3°16'28"	60.04	N87°54'08"E	60.03
C06D	1050.60	1°39'15"	30.33	N85°26'17"E	30.33
C07	(965.60)	7°52'14"	132.64 (168.7)	S76°61'45"E	132.54
C07A	(965.60)	2°11'04"	36.81	S74°01'10"E	36.81
C07B	(965.60)	5°41'10"	95.83	S77°57'17"E	95.79

IDOT USE ONLY

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
9th STREET (A.K.A. IL. ROUTE 7) FAP 351

LIMITS: LINCOLN ST TO SUMMIT DR — COUNTY: WILL
SECTION: 18-00084-00-WR — JOB NO.: R-91-026-20
STA. 29+00.00 TO STA. 35+14.80
SCALE: 1"= 30' — SHEET 3 OF 9 SHEETS

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

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosement, Illinois 60018
(847) 823-0500

REVISION DATE: 1-4-2022 REVISION MADE BY: AJK

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CHRISTOPHER B. BURKE ENGINEERING, LTD.
15221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 10'	CHECKED - BMW	REVISED -	
PLOT DATE = 9/5/2023	DATE - 9/5/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
PLAT OF HIGHWAYS
FOR REFERENCE ONLY

SCALE: 10' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	85
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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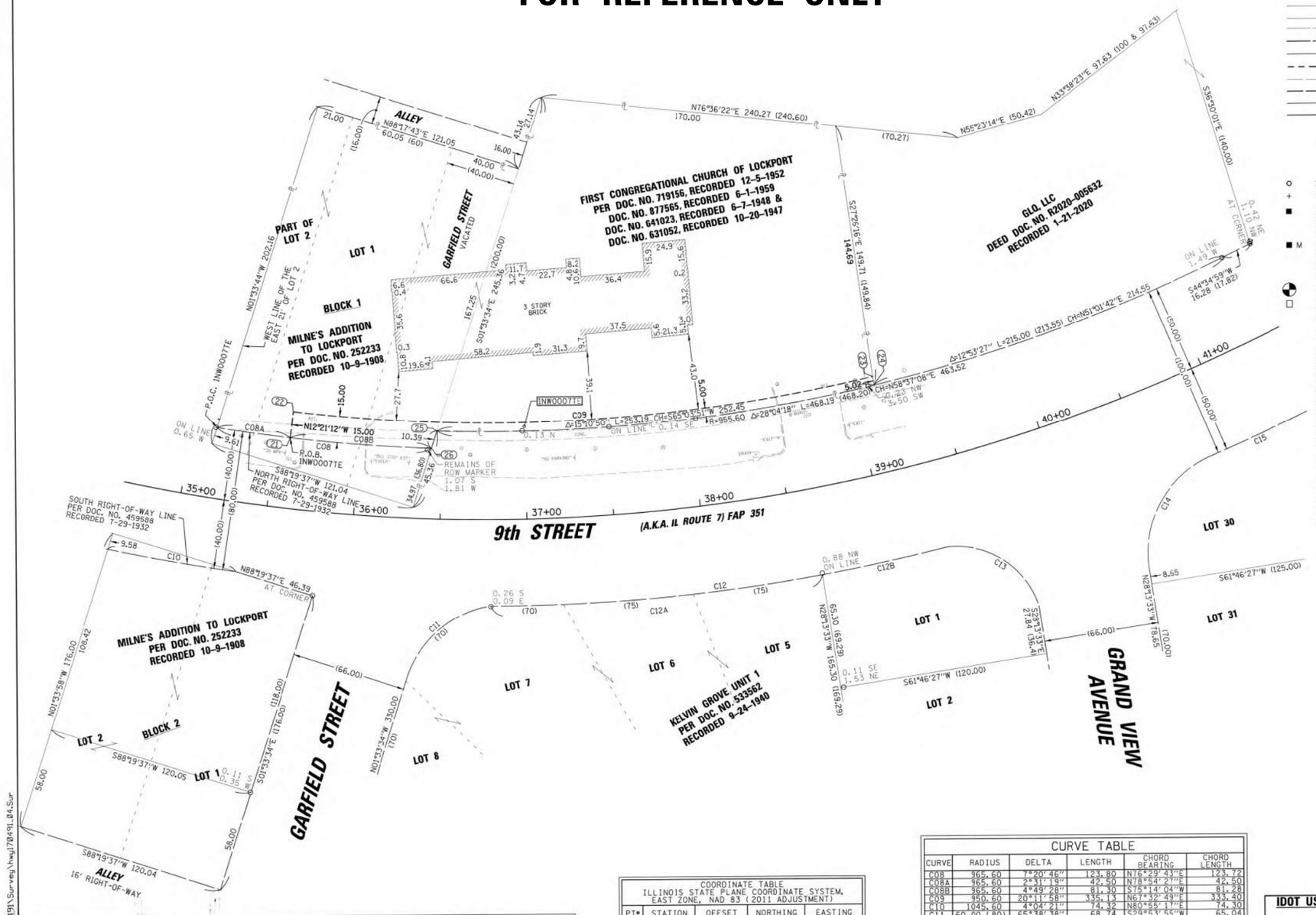
PART OF THE SOUTHEAST QUARTER OF SECTION 23, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE SOUTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE NORTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

FOR REFERENCE ONLY



LEGEND

SECTION CORNER
QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
129.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1"= 30'

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
"MAG" NAIL SET
5/8" REBAR SET

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 OF 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 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

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DATED AT ROSEMONT, ILLINOIS THIS 4 DAY OF January, 2022 A.D.

Kenneth J. Rasmussen

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2840
LICENSE EXPIRATION DATE: 11-30-2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY

KENNETH J. RASMUSSEN 35-2840 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ROSEMONT, ILLINOIS

NOTE:

ALL DIMENSION ARE MEASURED UNLESS OTHERWISE SPECIFIED

BEARINGS AND DISTANCES SHOWN HEREON 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 0.999956677.

AREAS SHOWN ON THIS PLAT ARE "GROUND"

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
1NW0007TE	1.410	N/A	0.058	1.352	TE= 0.057	2502	11-04-23-409-024 11-04-23-409-025

COORDINATE TABLE
ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011 ADJUSTMENT)

PT#	STATION	OFFSET	NORTHING	EASTING
21	35+59.06	40.00 LT	1792425.14	1062143.07
22	35+59.06	55.00 LT	1792439.79	1062139.86
23	39+13.58	55.00 LT	1792567.12	1062447.98
24	39+13.11	50.00 LT	1792562.67	1062450.30
25	36+46.67	50.00 LT	1792456.24	1062221.38
26	36+43.73	40.00 LT	1792445.85	1062221.66

CURVE TABLE

CURVE	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C08	965.60	7°20'46"	123.80	N76°29'43"E	123.72
C08A	965.60	2°31'19"	42.50	N78°54'27"E	42.50
C08B	965.60	4°49'28"	81.30	S75°14'04"W	81.28
C09	950.60	20°11'58"	335.13	N67°32'49"E	333.40
C10	1045.60	4°04'21"	74.32	N80°55'17"E	74.30
C11	60.00 (80)	65°38'38"	68.74	S29°53'55"W	65.04
C12	1055.60	14°22'17"	264.77	N63°36'48"E	264.08
C12A	1055.60	10°23'43"	191.52	N65°35'05"E	191.26
C12B	1055.60	3°58'34"	(73.25)	N58°24'56"E	73.24
C13	(50.00)	77°46'41"	67.87	N76°32'26"W	62.78
C14	60.00	77°30'19"	81.16	S10°21'04"W	75.12
C15	1055.60	3°02'22"	56.00	N46°06'10"E	55.99

REVISION DATE: 1-4-2022 REVISION MADE BY: AJK

IDOT USE ONLY

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
9th STREET (A.K.A. IL. ROUTE 7) FAP 351

LIMITS: LINCOLN ST TO SUMMIT DR COUNTY: WILL
SECTION: 18-00084-00-WR JOB NO.: R-91-026-20
STA. 34+69.68 TO STA. 41+47.80
SCALE: 1"= 30' SHEET 4 OF 9 SHEETS

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

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CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 10'	CHECKED - BMW	REVISED -	
PLOT DATE = 9/5/2023	DATE - 9/5/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
PLAT OF HIGHWAYS
FOR REFERENCE ONLY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	86
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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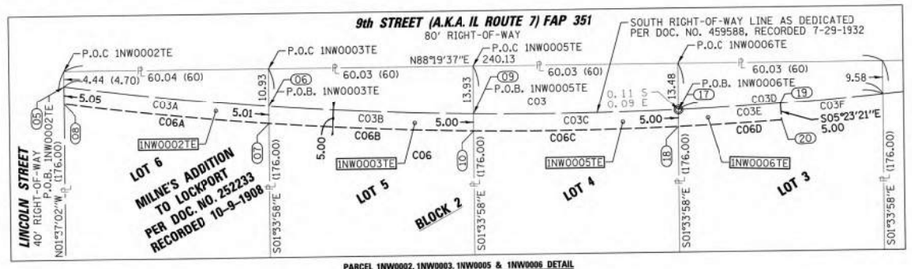
PART OF THE SOUTHEAST QUARTER OF SECTION 23, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE SOUTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE NORTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

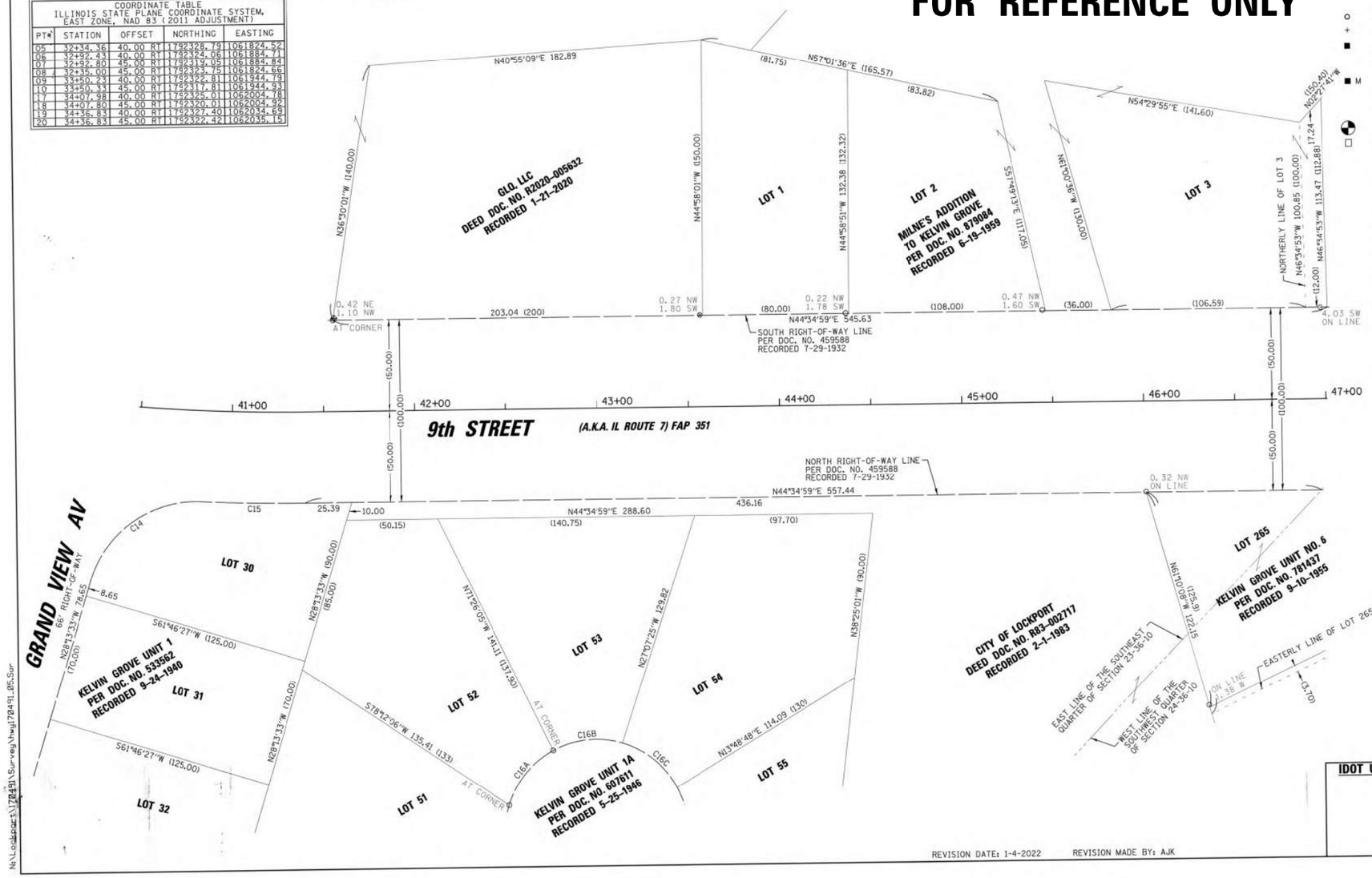


PARCEL 1NW0002, 1NW0003, 1NW0005 & 1NW0006 DETAIL
SCALE: 1" = 20'

CURVE TABLE					
CURVE	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C03	(1045.60)	13°11'22"	240.70	N89°33'08"E	240.17
C03A	(1045.60)	3°18'31"	60.38	S85°30'26"E	60.37
C03B	(1045.60)	3°17'37"	60.11	S88°48'30"E	60.10
C03C	(1045.60)	3°17'24"	60.04	N87°53'59"E	60.03
C03D	(1045.60)	3°17'50"	60.17	N84°36'22"E	60.16
C03E	(1045.60)	1°58'38"	30.00	N85°25'58"E	30.00
C03F	(1045.60)	1°33'12"	30.17	N83°47'03"E	30.17
C06	950.60	13°29'57"	210.85	S89°18'22"E	210.30
C06A	(950.60)	3°17'34"	60.38	N85°32'16"W	60.37
C06B	(950.60)	3°16'41"	60.11	S88°49'18"E	60.10
C06C	1050.60	3°16'28"	60.04	S87°54'08"W	60.03
C06D	1050.60	1°39'12"	30.33	S85°26'17"W	30.33
C14	60.00	77°30'19"	81.16	S10°21'04"W	75.12
C15	1055.60	3°02'22"	56.00	N46°06'10"E	55.99
C16A	(50.00)	44°53'50"	39.19 (39.27)	N05°41'15"W	38.19
C16B	(50.00)	45°00'07"	39.27	N39°15'44"E	38.27
C16C	(50.00)	45°00'07"	39.27	N84°15'51"E	38.27

COORDINATE TABLE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011 ADJUSTMENT)				
PT#	STATION	OFFSET	NORTHING	EASTING
05	32+34.56	40.00 RT	1792328.79	1061824.52
06	32+92.43	40.00 RT	1792324.06	1061884.71
07	32+92.80	45.00 RT	1792319.05	1061884.84
08	32+55.00	45.00 RT	1792323.75	1061824.66
09	33+50.23	40.00 RT	1792322.81	1061944.79
10	33+50.33	45.00 RT	1792317.81	1061944.93
17	34+07.98	40.00 RT	1792325.01	1062004.78
18	34+07.80	45.00 RT	1792320.01	1062004.92
19	34+36.83	40.00 RT	1792327.40	1062034.69
20	34+36.83	45.00 RT	1792322.42	1062035.15

FOR REFERENCE ONLY



LEGEND

SECTION CORNER
QUARTER SECTION CORNER
GRAPHIC SCALE FEET
SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRAION NUMBER.
- STAKING OF 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 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23 & 24, TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY. 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 ROSEMONT, ILLINOIS THIS 4 DAY OF January 2022 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
LICENSE EXPIRATION DATE: 11-30-2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY

KENNETH J. RASMUSSEN 35-3240 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ROSEMONT, ILLINOIS

NOTE:

ALL DIMENSION ARE MEASURED UNLESS OTHERWISE SPECIFIED

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

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AREAS SHOWN ON THIS PLAT ARE "GROUND"

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
9th STREET (A.K.A. IL. ROUTE 7) FAP 351

LIMITS: LINCOLN ST TO SUMMIT DR — COUNTY: WILL
SECTION: 18-00084-00-WR — JOB NO.: R-91-026-20
STA. 40+50.47 TO STA. 47+02.28
SCALE: 1"= 30' — SHEET 5 OF 9 SHEETS

IDOT USE ONLY

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

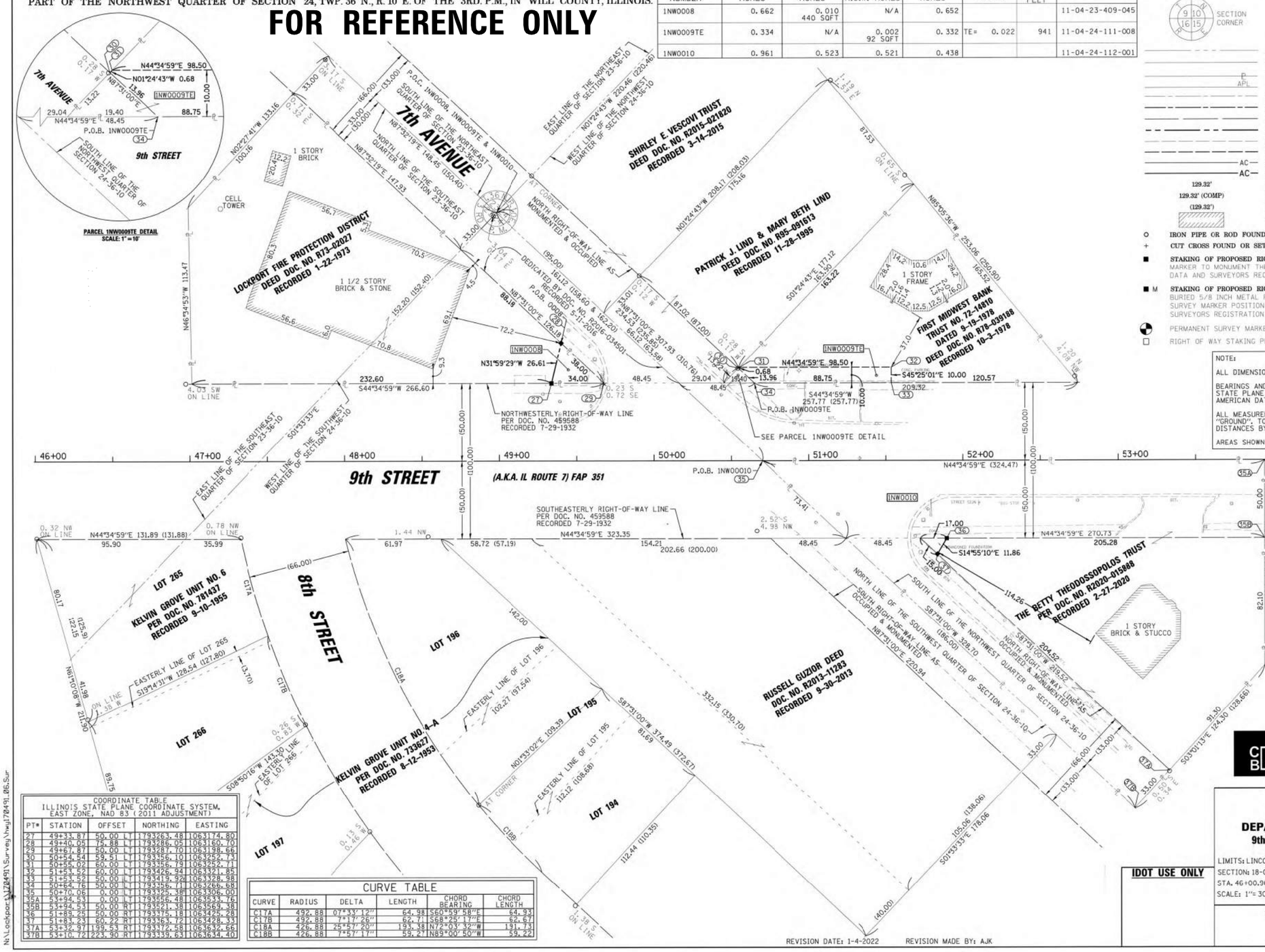
REVISION DATE: 1-4-2022 REVISION MADE BY: AJK

N:\Lockport\170491\Survey\hwy170491_05.Sur

PART OF THE SOUTHEAST QUARTER OF SECTION 23, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE SOUTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE NORTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

FOR REFERENCE ONLY

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
1NW0008	0.662	0.010 440 SQFT	N/A	0.652			11-04-23-409-045
1NW0009TE	0.334	N/A	0.002 92 SQFT	0.332	TE= 0.022	941	11-04-24-111-008
1NW0010	0.961	0.523	0.521	0.438			11-04-24-112-001



LEGEND

SECTION CORNER
QUARTER SECTION CORNER

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1"= 30'

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- 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 OF 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 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

NOTE:

ALL DIMENSION ARE MEASURED UNLESS OTHERWISE SPECIFIED

BEARINGS AND DISTANCES SHOWN HEREON 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 0.999956677.

AREAS SHOWN ON THIS PLAT ARE "GROUND"

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23 & 24, TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, 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 ROSEMONT, ILLINOIS THIS 4 DAY OF November 20 22 A.D.

KENNETH J. RASMUSSEN
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240 LICENSE EXPIRATION DATE: 11-30-2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

ILLINOIS PROFESSIONAL LAND SURVEYOR 3240 STATE OF ILLINOIS ROSEMONT, ILLINOIS

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

COORDINATE TABLE
ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011 ADJUSTMENT)

PT*	STATION	OFFSET		NORTHING	EASTING
27	49+33.87	50.00	L1	1793263.48	1063174.80
28	49+40.05	75.88	L1	1793286.05	1063169.70
29	49+67.87	50.00	L1	1793287.70	1063198.66
30	50+54.54	59.51	L1	1793356.10	1063252.73
31	50+55.02	60.00	L1	1793356.79	1063252.71
32	51+53.56	60.00	L1	1793426.54	1063321.85
33	51+53.52	50.00	L1	1793419.92	1063328.98
34	50+64.76	50.00	L1	1793356.71	1063266.68
35	50+70.06	0.00	L1	1793325.38	1063306.00
35A	53+94.53	0.00	L1	1793656.48	1063633.76
35B	53+94.53	50.00	R1	1793621.38	1063569.38
36	51+89.25	50.00	R1	1793375.18	1063425.28
37	51+83.23	60.22	R1	1793363.72	1063428.33
37A	53+26.97	199.53	R1	1793472.58	1063532.66
37B	53+10.72	223.30	R1	1793339.63	1063634.40

CURVE TABLE

CURVE	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C17A	492.88	07°33'12"	64.98	S60°59'58"E	64.93
C17B	492.88	7°17'26"	62.71	S58°25'17"E	62.67
C18A	426.88	25°57'20"	193.38	N72°03'32"W	191.73
C18B	426.88	7°57'17"	59.27	N89°00'50"W	59.22

IDOT USE ONLY

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
9th STREET (A.K.A. IL. ROUTE 7) FAP 351

LIMITS: LINCOLN ST TO SUMMIT DR — COUNTY: WILL
SECTION: 18-00084-00-WR — JOB NO.: R-91-026-20
STA. 46+00.90 TO STA. 53+94.53
SCALE: 1"= 30' — SHEET 6 OF 9 SHEETS

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

REVISION DATE: 1-4-2022 REVISION MADE BY: AJK

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CHRISTOPHER B. BURKE ENGINEERING, LTD.
15221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 10'	CHECKED - BMW	REVISED -	
PLOT DATE = 9/5/2023	DATE - 9/5/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
PLAT OF HIGHWAYS
FOR REFERENCE ONLY

SCALE: 10' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	88

CONTRACT NO. 61H98
ILLINOIS FED. AID PROJECT

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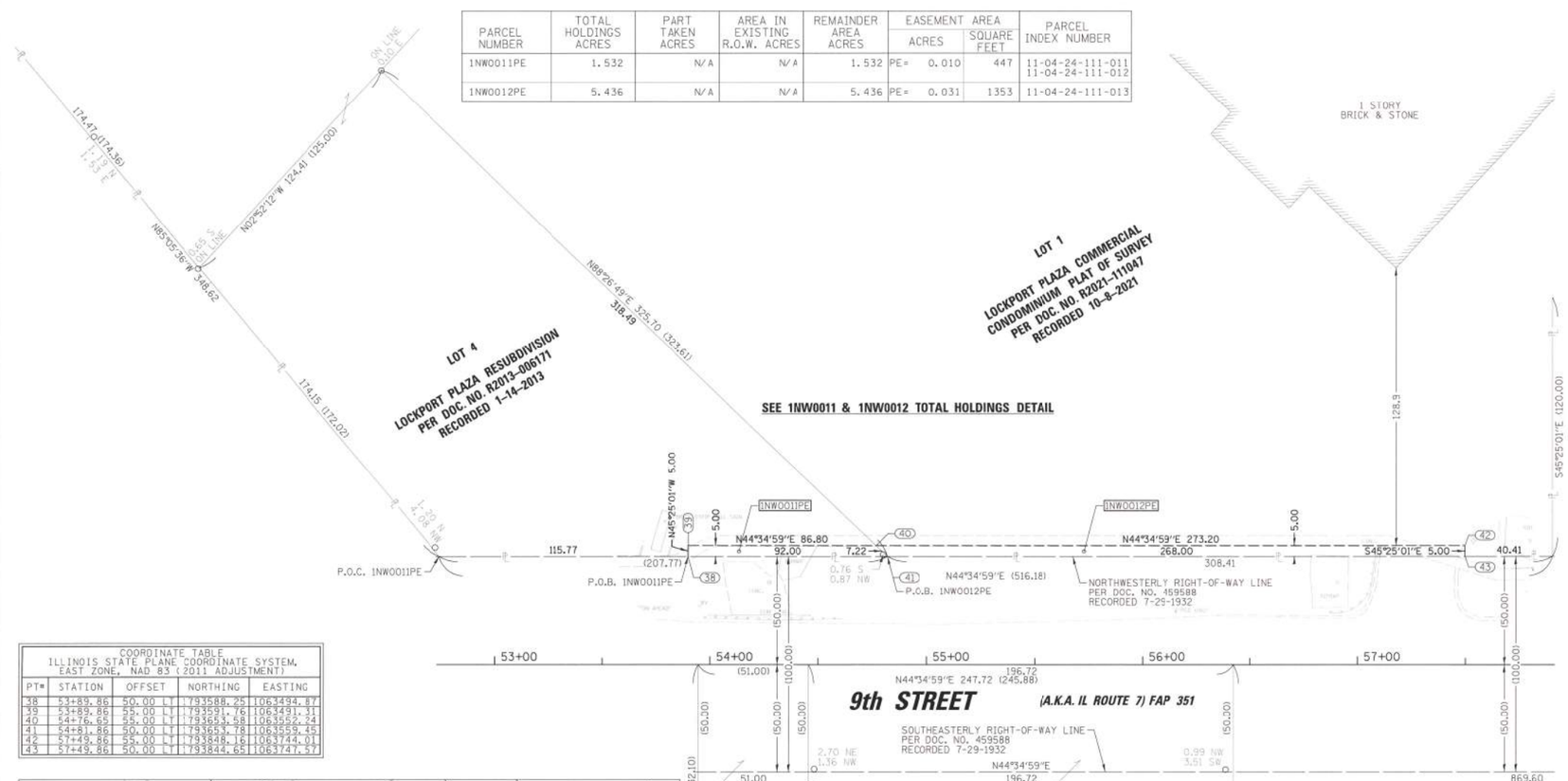
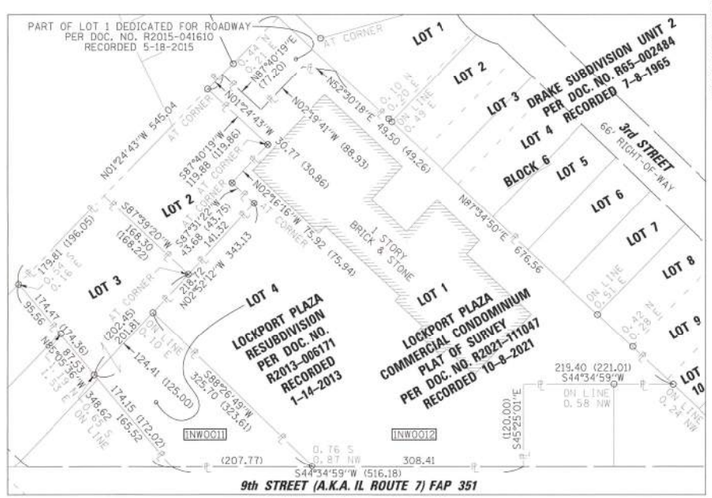
PART OF THE SOUTHEAST QUARTER OF SECTION 23, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE SOUTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE NORTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

FOR REFERENCE ONLY

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
1NW0011PE	1.532	N/A	N/A	1.532	PE= 0.010	447	11-04-24-111-011 11-04-24-111-012
1NW0012PE	5.436	N/A	N/A	5.436	PE= 0.031	1353	11-04-24-111-013



COORDINATE TABLE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011 ADJUSTMENT)				
PT#	STATION	OFFSET	NORTHING	EASTING
38	53+89.86	50.00 LT	1793588.25	1063494.87
39	53+89.86	55.00 LT	1793591.76	1063491.31
40	54+76.65	55.00 LT	1793653.58	1063552.24
41	54+81.86	50.00 LT	1793653.78	1063559.45
42	57+49.86	55.00 LT	1793848.16	1063744.01
43	57+49.86	50.00 LT	1793844.65	1063747.57



1NW0011 & 1NW0012 TOTAL HOLDING DETAIL
SCALE: 1" = 100'

LEGEND

SECTION CORNER
QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
126.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(126.32') RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1" = 30'

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
"MAG" NAIL SET
5/8" REBAR SET

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 OF 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 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, I WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23 & 24, TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, 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 ROSEMONT, ILLINOIS THIS 11 DAY OF August, 2023 A.D.

Kenneth J. Rasmussen

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
LICENSE EXPIRATION DATE: 11-30-2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY

KENNETH J. RASMUSSEN 3240 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ROSEMONT, ILLINOIS

NOTE:

ALL DIMENSION ARE MEASURED UNLESS OTHERWISE SPECIFIED

BEARINGS AND DISTANCES SHOWN HEREON 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 0.9999566677.

AREAS SHOWN ON THIS PLAT ARE "GROUND"

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
9th STREET (A.K.A. IL. ROUTE 7) FAP 351

LIMITS: LINCOLN ST TO SUMMIT DR — COUNTY: WILL
SECTION: 18-00084-00-WR — JOB NO.: R-91-026-20
STA. 52+74.09 TO STA. 57+90.27
SCALE: 1"= 30' — SHEET 7 OF 9 SHEETS

IDOT USE ONLY

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

REVISION DATE: 8-11-2023 REVISION MADE BY: AJK

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CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 10'	CHECKED - BMW	REVISED -	
PLOT DATE = 9/5/2023	DATE - 9/5/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
PLAT OF HIGHWAYS
FOR REFERENCE ONLY

SCALE: 10' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	89
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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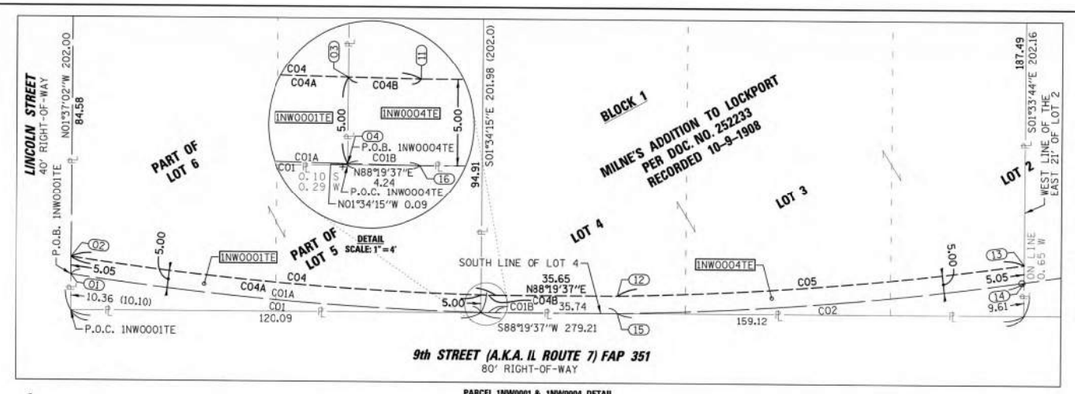
PART OF THE SOUTHEAST QUARTER OF SECTION 23, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE SOUTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE NORTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

CURVE TABLE

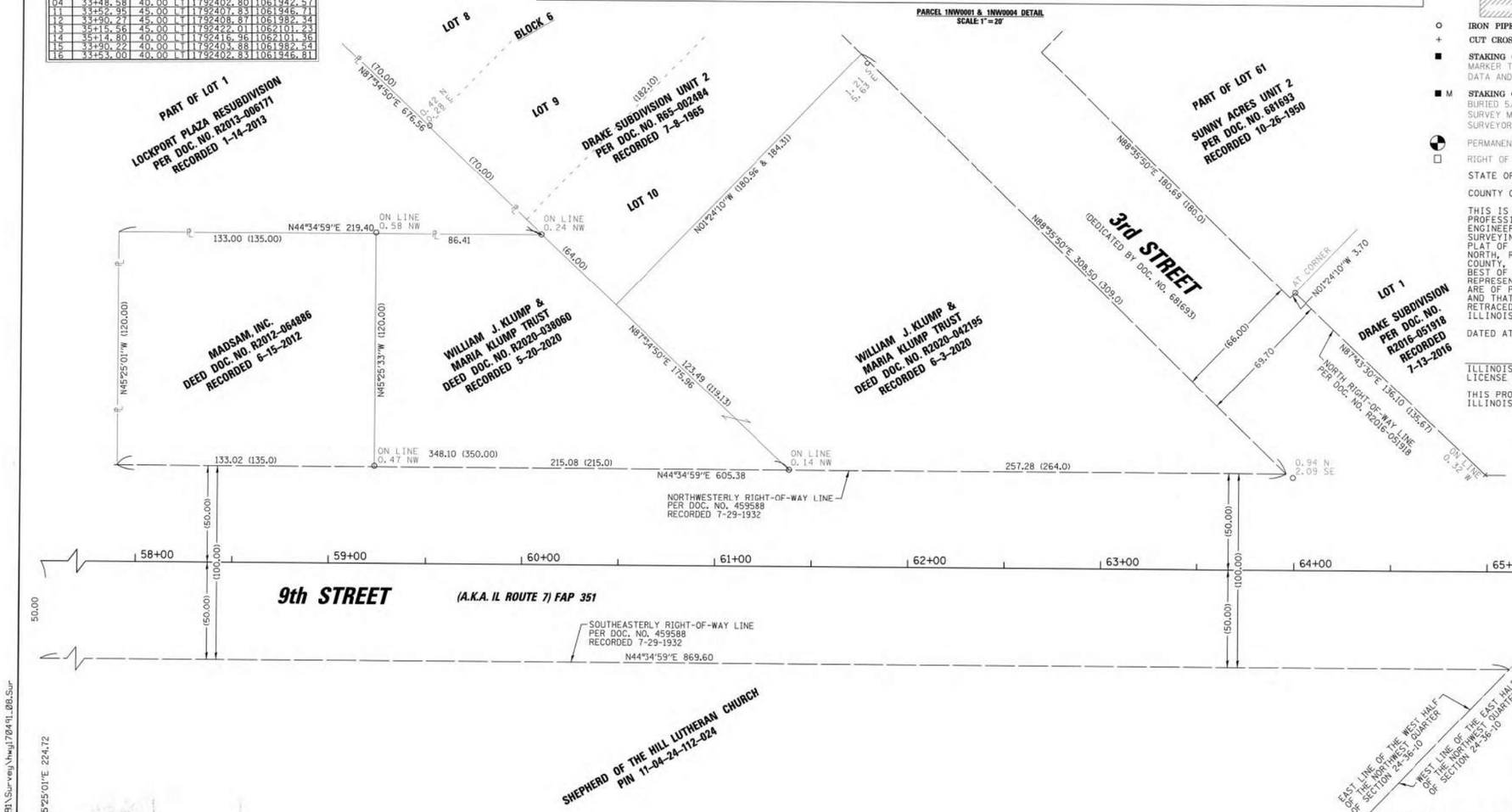
CURVE	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C01	(965.60)	7°04'27"	124.84 (114.2)	S86°54'32"E	124.75
C01A	(965.60)	7°09'22"	120.60	N86°46'59"W	120.52
C01B	(965.60)	0°15'05"	4.24	S89°30'47"W	4.24
C02	(965.60)	7°05'53"	119.63	S83°43'03"W	119.55
C04	960.60	7°26'56"	124.88	N86°53'08"W	124.80
C04A	960.60	7°11'38"	120.61	S86°45'29"E	120.53
C04B	960.60	0°15'18"	4.28	N89°31'03"E	4.28
C05	960.60	7°08'19"	119.69	N83°41'40"E	119.61

COORDINATE TABLE
ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011 ADJUSTMENT)

PT*	STATION	OFFSET		NORTHING	EASTING
01	32+22.99	40.00	LT	1792409.56	1061822.24
02	32+22.21	45.00	LT	1792414.61	1061822.10
03	33+48.47	45.00	LT	1792401.80	1061942.44
04	33+48.58	40.00	LT	1792402.80	1061942.57
11	33+52.95	45.00	LT	1792401.83	1061946.71
12	33+90.27	45.00	LT	1792408.87	1061982.34
13	35+15.56	45.00	LT	1792422.01	1062101.23
14	35+14.80	40.00	LT	1792416.96	1062101.36
15	33+90.22	40.00	LT	1792403.88	1061982.54
16	33+53.00	40.00	LT	1792402.83	1061946.81



PARCEL 1NW0001 & 1NW0004 DETAIL
SCALE: 1"=20'



LEGEND

SECTION CORNER
QUARTER SECTION CORNER

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1"= 30'

129.32' MEASURED
129.32' (COMP) COMPUTED
(129.32') RECORDED

○ IRON PIPE OR ROD FOUND
+ CUT CROSS FOUND OR SET
⊕ "MAG" NAIL SET
● 5/8" REBAR SET

■ **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 OF 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 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23 & 24, TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, 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 ROSEMONT, ILLINOIS THIS 4 DAY OF January, A.D. 22

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3540
LICENSE EXPIRATION DATE: 11-30-2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

KENNETH J. RASMUSSEN 3540 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ROSEMONT, ILLINOIS

NOTE:

ALL DIMENSION ARE MEASURED UNLESS OTHERWISE SPECIFIED

BEARINGS AND DISTANCES SHOWN HEREON 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 0.999956677.

AREAS SHOWN ON THIS PLAT ARE "GROUND"

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
9th STREET (A.K.A. IL. ROUTE 7) FAP 351

LIMITS: LINCOLN ST TO SUMMIT DR — COUNTY: WILL
SECTION: 18-00084-00-WR — JOB NO.: R-91-026-20
STA. 56+42.25 TO STA. 65+59.98
SCALE: 1"= 30' — SHEET 8 OF 9 SHEETS

IDOT USE ONLY

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

FOR REFERENCE ONLY

REVISION DATE: 1-4-2022 REVISION MADE BY: AJK

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CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 10'	CHECKED - BMW	REVISED -	
PLOT DATE = 9/5/2023	DATE - 9/5/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. 9TH STREET (IL RT 7)
PLAT OF HIGHWAYS
FOR REFERENCE ONLY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	90
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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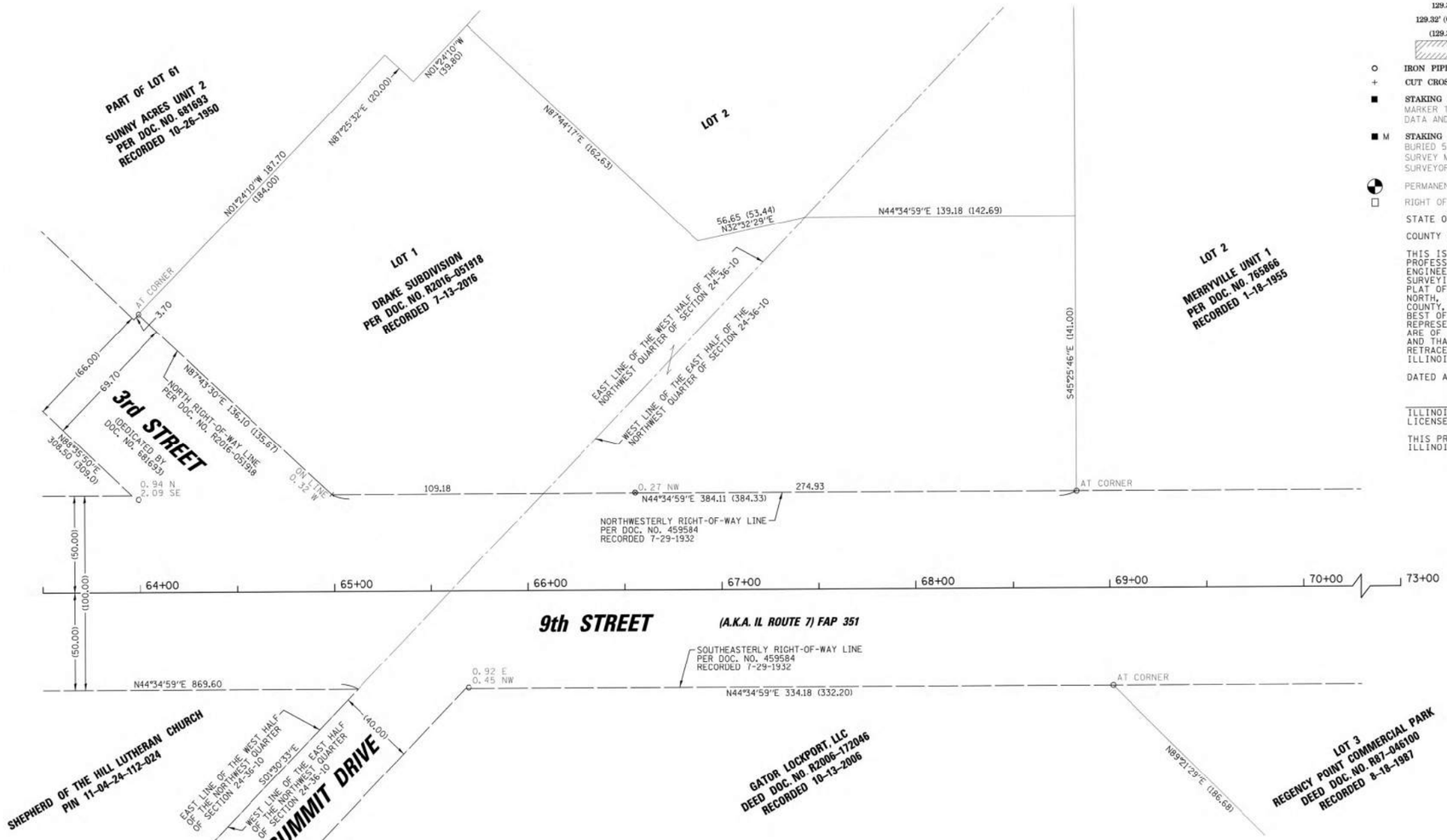
PART OF THE SOUTHEAST QUARTER OF SECTION 23, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE SOUTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
PART OF THE NORTHWEST QUARTER OF SECTION 24, TWP. 36 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
129.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1"= 30'

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
"MAG" NAIL SET
5/8" REBAR SET

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 OF 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 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23 & 24, TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, 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 ROSEMONT, ILLINOIS THIS 4 DAY OF March, 2022 A.D.

Kenneth J. Rasmussen

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3240
LICENSE EXPIRATION DATE: 11-30-2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT STATE OF ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY

KENNETH J. RASMUSSEN 3240 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ROSEMONT, ILLINOIS

NOTE:

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AREAS SHOWN ON THIS PLAT ARE "GROUND"

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
9th STREET (A.K.A. IL. ROUTE 7) FAP 351

LIMITS: LINCOLN ST TO SUMMIT DR — COUNTY: WILL
SECTION: 18-00084-00-WR — JOB NO.: R-91-026-20
STA. 63+50.00 TO STA. 73+00.00
SCALE: 1"= 30' — SHEET 9 OF 9 SHEETS

IDOT USE ONLY

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

FOR REFERENCE ONLY

REVISION DATE: 1-4-2022 REVISION MADE BY: AJK

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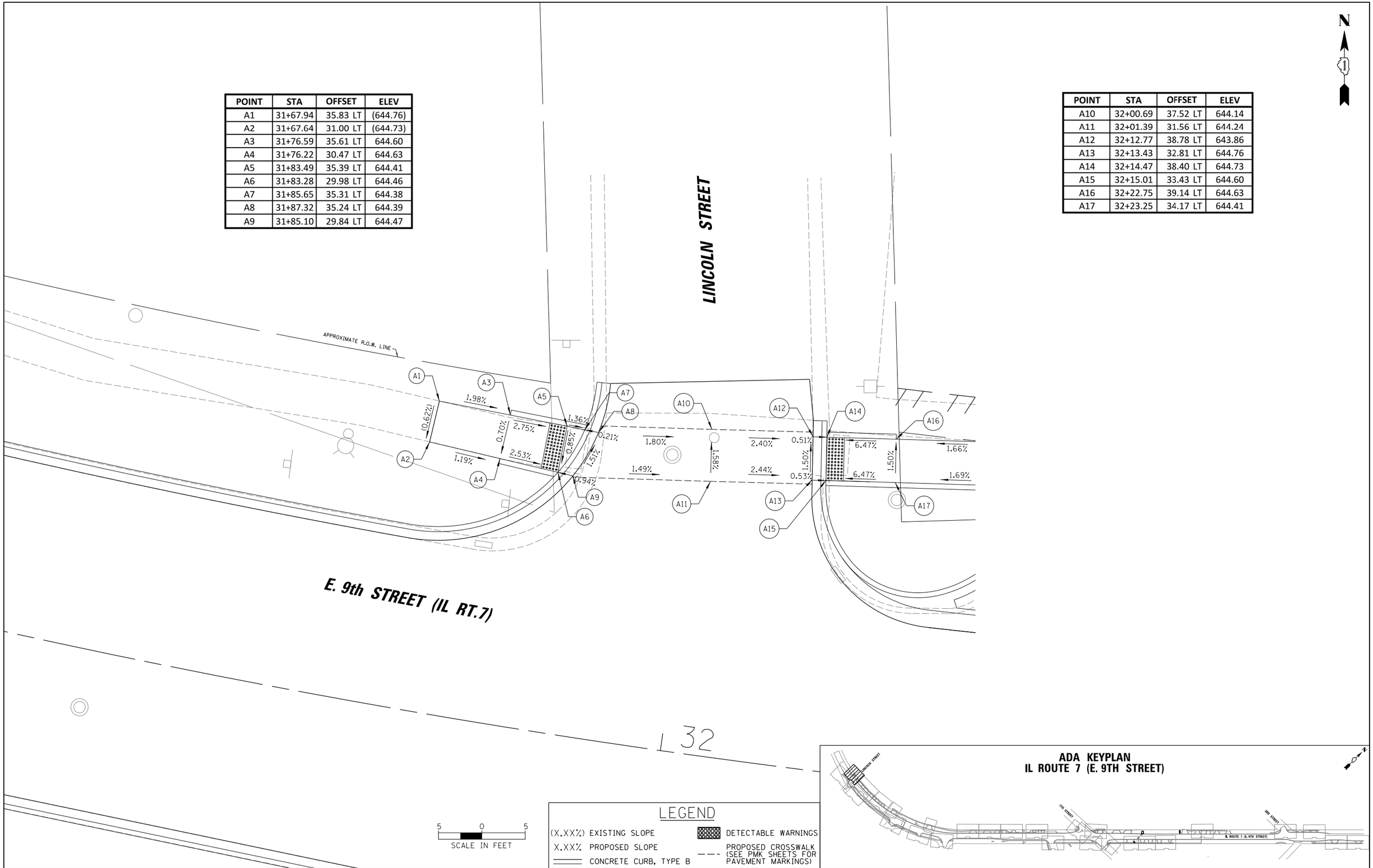
POINT	STA	OFFSET	ELEV
A1	31+67.94	35.83 LT	(644.76)
A2	31+67.64	31.00 LT	(644.73)
A3	31+76.59	35.61 LT	644.60
A4	31+76.22	30.47 LT	644.63
A5	31+83.49	35.39 LT	644.41
A6	31+83.28	29.98 LT	644.46
A7	31+85.65	35.31 LT	644.38
A8	31+87.32	35.24 LT	644.39
A9	31+85.10	29.84 LT	644.47

POINT	STA	OFFSET	ELEV
A10	32+00.69	37.52 LT	644.14
A11	32+01.39	31.56 LT	644.24
A12	32+12.77	38.78 LT	643.86
A13	32+13.43	32.81 LT	644.76
A14	32+14.47	38.40 LT	644.73
A15	32+15.01	33.43 LT	644.60
A16	32+22.75	39.14 LT	644.63
A17	32+23.25	34.17 LT	644.41



LEGEND

(X.XX%) EXISTING SLOPE

X.XX% PROPOSED SLOPE

CONCRETE CURB, TYPE B

DETECTABLE WARNINGS

PROPOSED CROSSWALK (SEE PMK SHEETS FOR PAVEMENT MARKINGS)

ADA KEYPLAN
IL ROUTE 7 (E. 9TH STREET)

CHRISTOPHER B. BURKE ENGINEERING, LTD.
15221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - JTA	REVISED -	
PLOT SCALE = 5'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 7 (E. 9TH STREET)
ADA RAMP DETAILS

SCALE: 1:5 | SHEET NO. 1 OF 26 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	92
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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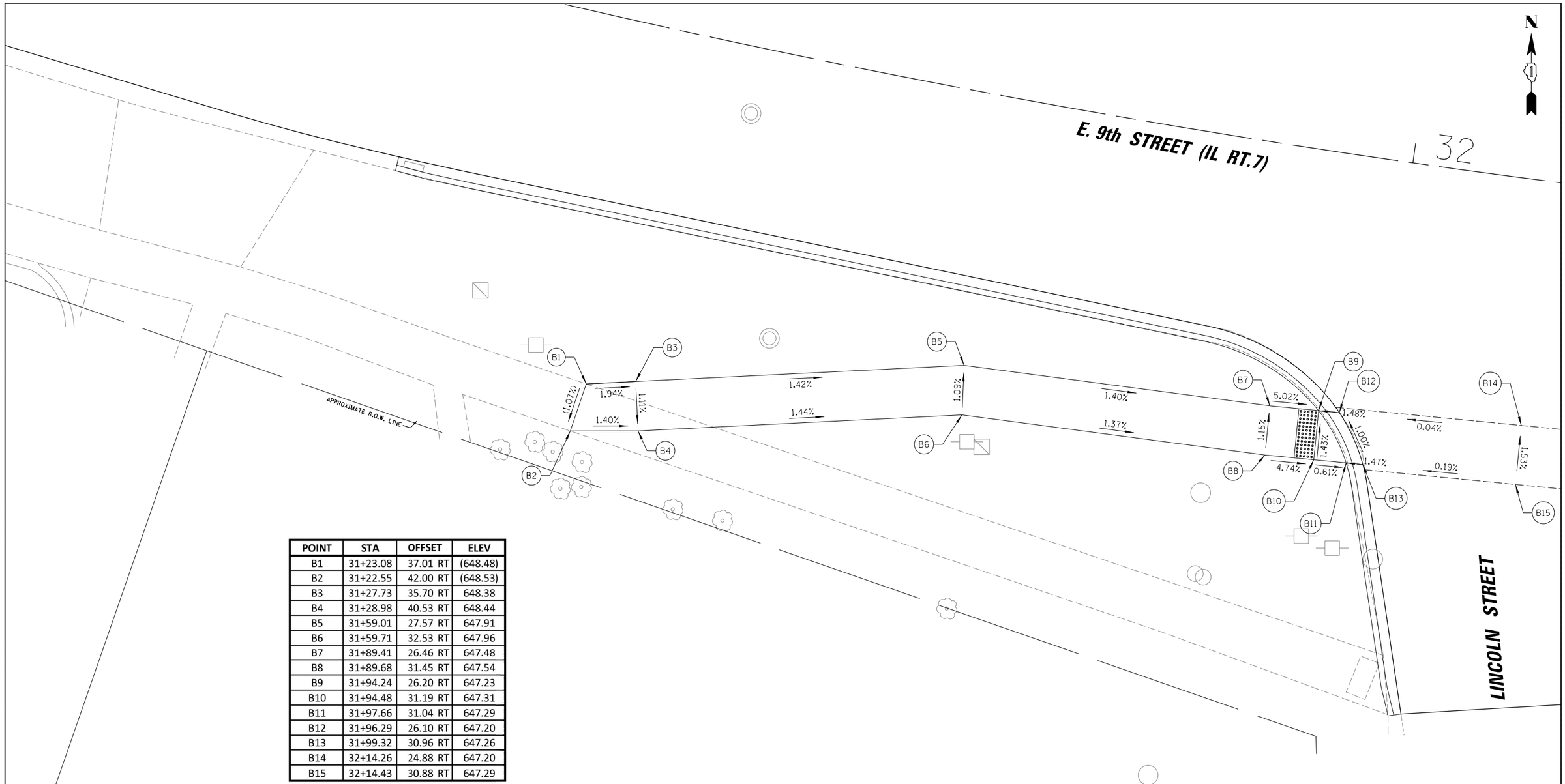


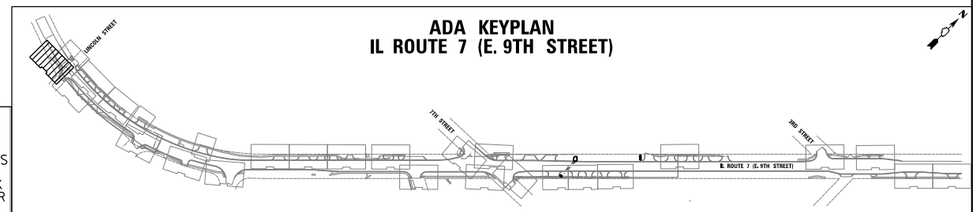
POINT	STA	OFFSET	ELEV
B1	31+23.08	37.01 RT	(648.48)
B2	31+22.55	42.00 RT	(648.53)
B3	31+27.73	35.70 RT	648.38
B4	31+28.98	40.53 RT	648.44
B5	31+59.01	27.57 RT	647.91
B6	31+59.71	32.53 RT	647.96
B7	31+89.41	26.46 RT	647.48
B8	31+89.68	31.45 RT	647.54
B9	31+94.24	26.20 RT	647.23
B10	31+94.48	31.19 RT	647.31
B11	31+97.66	31.04 RT	647.29
B12	31+96.29	26.10 RT	647.20
B13	31+99.32	30.96 RT	647.26
B14	32+14.26	24.88 RT	647.20
B15	32+14.43	30.88 RT	647.29

5 0 5
SCALE IN FEET

LEGEND

(X.XX%) EXISTING SLOPE
X.XX% PROPOSED SLOPE
CONCRETE CURB, TYPE B
DETECTABLE WARNINGS
PROPOSED CROSSWALK (SEE PMK SHEETS FOR PAVEMENT MARKINGS)

ADA KEYPLAN
IL ROUTE 7 (E. 9TH STREET)



CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - JTA	REVISED -	
PLOT SCALE = 5'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 7 (E. 9TH STREET)
ADA RAMP DETAILS

SCALE: 1:5 | SHEET NO. 2 OF 26 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	93
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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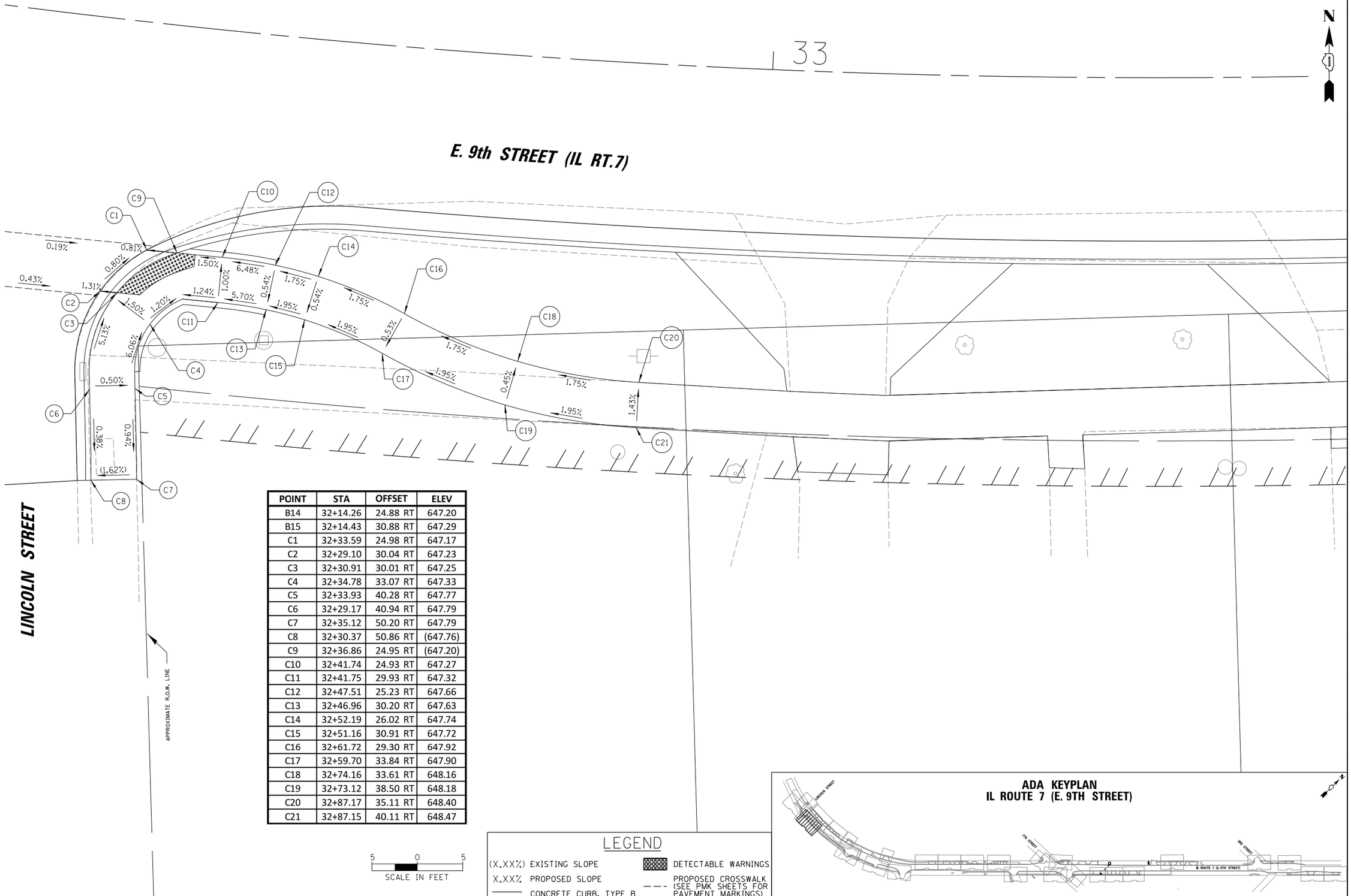

POINT	STA	OFFSET	ELEV
B14	32+14.26	24.88 RT	647.20
B15	32+14.43	30.88 RT	647.29
C1	32+33.59	24.98 RT	647.17
C2	32+29.10	30.04 RT	647.23
C3	32+30.91	30.01 RT	647.25
C4	32+34.78	33.07 RT	647.33
C5	32+33.93	40.28 RT	647.77
C6	32+29.17	40.94 RT	647.79
C7	32+35.12	50.20 RT	647.79
C8	32+30.37	50.86 RT	(647.76)
C9	32+36.86	24.95 RT	(647.20)
C10	32+41.74	24.93 RT	647.27
C11	32+41.75	29.93 RT	647.32
C12	32+47.51	25.23 RT	647.66
C13	32+46.96	30.20 RT	647.63
C14	32+52.19	26.02 RT	647.74
C15	32+51.16	30.91 RT	647.72
C16	32+61.72	29.30 RT	647.92
C17	32+59.70	33.84 RT	647.90
C18	32+74.16	33.61 RT	648.16
C19	32+73.12	38.50 RT	648.18
C20	32+87.17	35.11 RT	648.40
C21	32+87.15	40.11 RT	648.47

LEGEND

(X.XX%) EXISTING SLOPE
X.XX% PROPOSED SLOPE
CONCRETE CURB, TYPE B
DETECTABLE WARNINGS
PROPOSED CROSSWALK (SEE PMK SHEETS FOR PAVEMENT MARKINGS)

ADA KEYPLAN
IL ROUTE 7 (E. 9TH STREET)

CHRISTOPHER B. BURKE ENGINEERING, LTD.
15221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -
	DRAWN - JTA	REVISED -
PLOT SCALE = 5'	CHECKED - BMW	REVISED -
PLOT DATE = 11/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 7 (E. 9TH STREET)
ADA RAMP DETAILS

SCALE: 1:5 | SHEET NO. 3 OF 26 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	94

CONTRACT NO. 61H98

ILLINOIS FED. AID PROJECT

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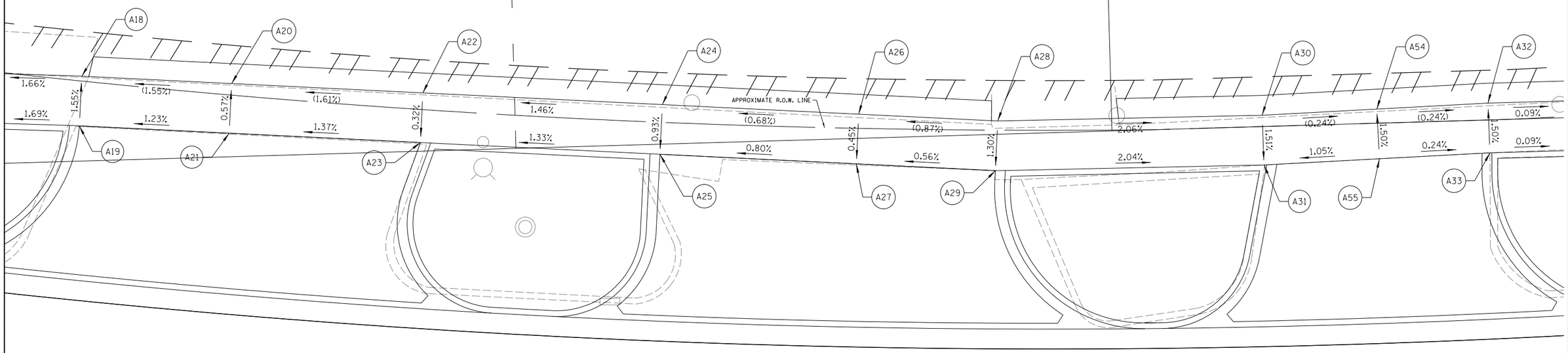
POINT	STA	OFFSET	ELEV
A18	32+40.33	40.49 LT	(644.46)
A19	32+40.60	35.49 LT	644.38
A20	32+56.06	41.16 LT	(644.39)
A21	32+56.25	36.17 LT	644.47
A22	32+76.16	41.68 LT	(644.14)
A23	32+76.25	36.68 LT	644.24

POINT	STA	OFFSET	ELEV
A24	33+01.35	41.79 LT	(643.86)
A25	33+01.31	36.79 LT	643.95
A26	33+22.00	41.42 LT	(645.69)
A27	33+21.86	36.42 LT	645.67
A28	33+36.60	40.92 LT	(645.81)
A29	33+36.38	35.92 LT	645.75

POINT	STA	OFFSET	ELEV
A30	33+64.36	41.28 LT	(645.27)
A31	33+64.44	36.28 LT	645.19
A54	33+76.42	41.57 LT	(645.24)
A55	33+76.52	36.57 LT	645.31
A32	33+88.11	41.73 LT	(645.21)
A33	33+88.08	36.73 LT	645.29



E. 9th STREET (IL RT.7)

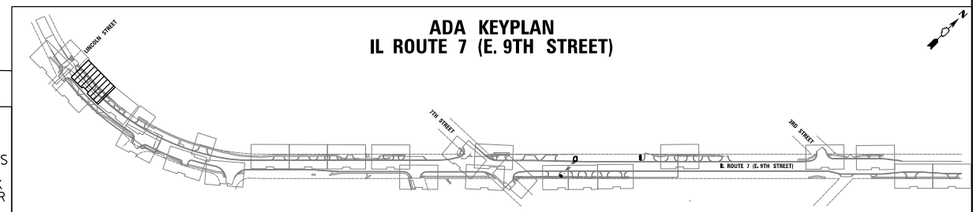
33

5 0 5
SCALE IN FEET

LEGEND

(X.XX%) EXISTING SLOPE
X.XX% PROPOSED SLOPE
CONCRETE CURB, TYPE B
DETECTABLE WARNINGS
PROPOSED CROSSWALK (SEE PMK SHEETS FOR PAVEMENT MARKINGS)

ADA KEYPLAN
IL ROUTE 7 (E. 9TH STREET)



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Lockport, Illinois 60441
(815) 770-2850

USER NAME = eschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - JTA	REVISED -	
PLOT SCALE = 5'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 7 (E. 9TH STREET)
ADA RAMP DETAILS

SCALE: 1:5 | SHEET NO. 2 OF 26 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	95
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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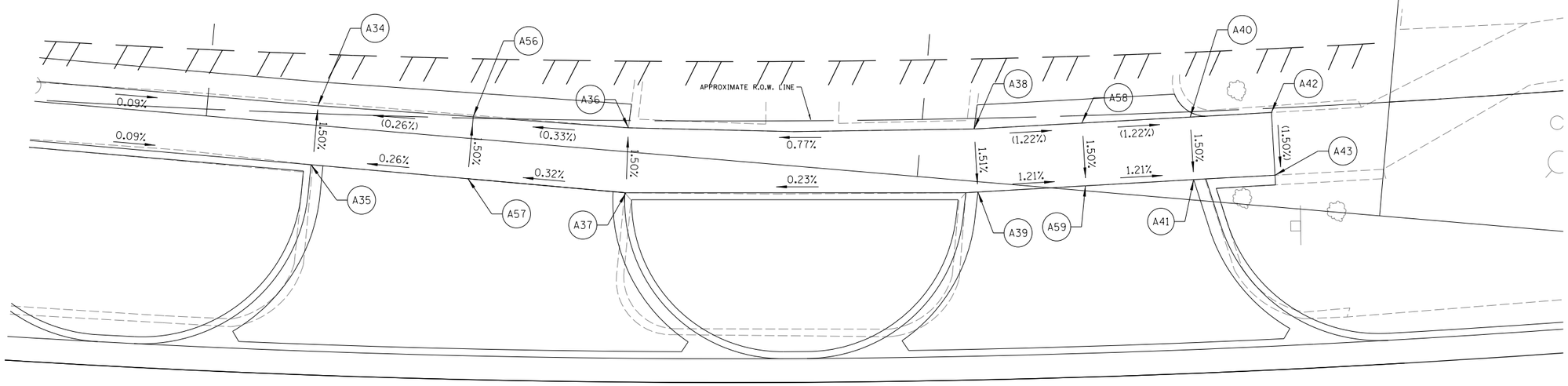
POINT	STA	OFFSET	ELEV
A34	34+20.84	40.67 LT	(645.18)
A35	34+20.56	35.67 LT	645.26
A56	34+34.47	40.12 LT	(645.20)
A57	34+34.11	34.90 LT	645.29
A36	34+48.08	39.39 LT	(645.22)
A37	34+47.92	33.92 LT	645.34

POINT	STA	OFFSET	ELEV
A38	34+78.35	39.11 LT	(645.48)
A39	34+78.57	33.80 LT	645.40
A58	34+87.84	39.38 LT	(645.37)
A59	34+87.97	34.09 LT	645.29
A40	34+97.30	39.56 LT	(645.26)
A41	34+97.38	34.29 LT	645.18
A42	35+04.42	39.65 LT	(645.44)
A43	35+04.48	34.36 LT	645.36



E. 9th STREET (IL RT.7)

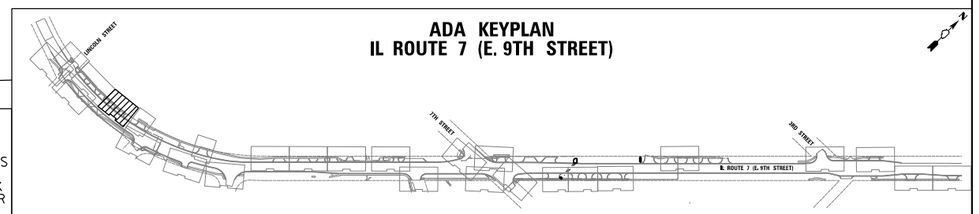
34

5 0 5
SCALE IN FEET

LEGEND

(X.XX%) EXISTING SLOPE
X.XX% PROPOSED SLOPE
CONCRETE CURB, TYPE B
DETECTABLE WARNINGS
PROPOSED CROSSWALK (SEE PMK SHEETS FOR PAVEMENT MARKINGS)

ADA KEYPLAN
IL ROUTE 7 (E. 9TH STREET)



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(815) 770-2850

USER NAME = eschaefer	DESIGNED - AJS	REVISED -
	DRAWN - JTA	REVISED -
PLOT SCALE = 5'	CHECKED - BMW	REVISED -
PLOT DATE = 11/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 7 (E. 9TH STREET)
ADA RAMP DETAILS

SCALE: 1:5 | SHEET NO. 5 OF 26 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	96
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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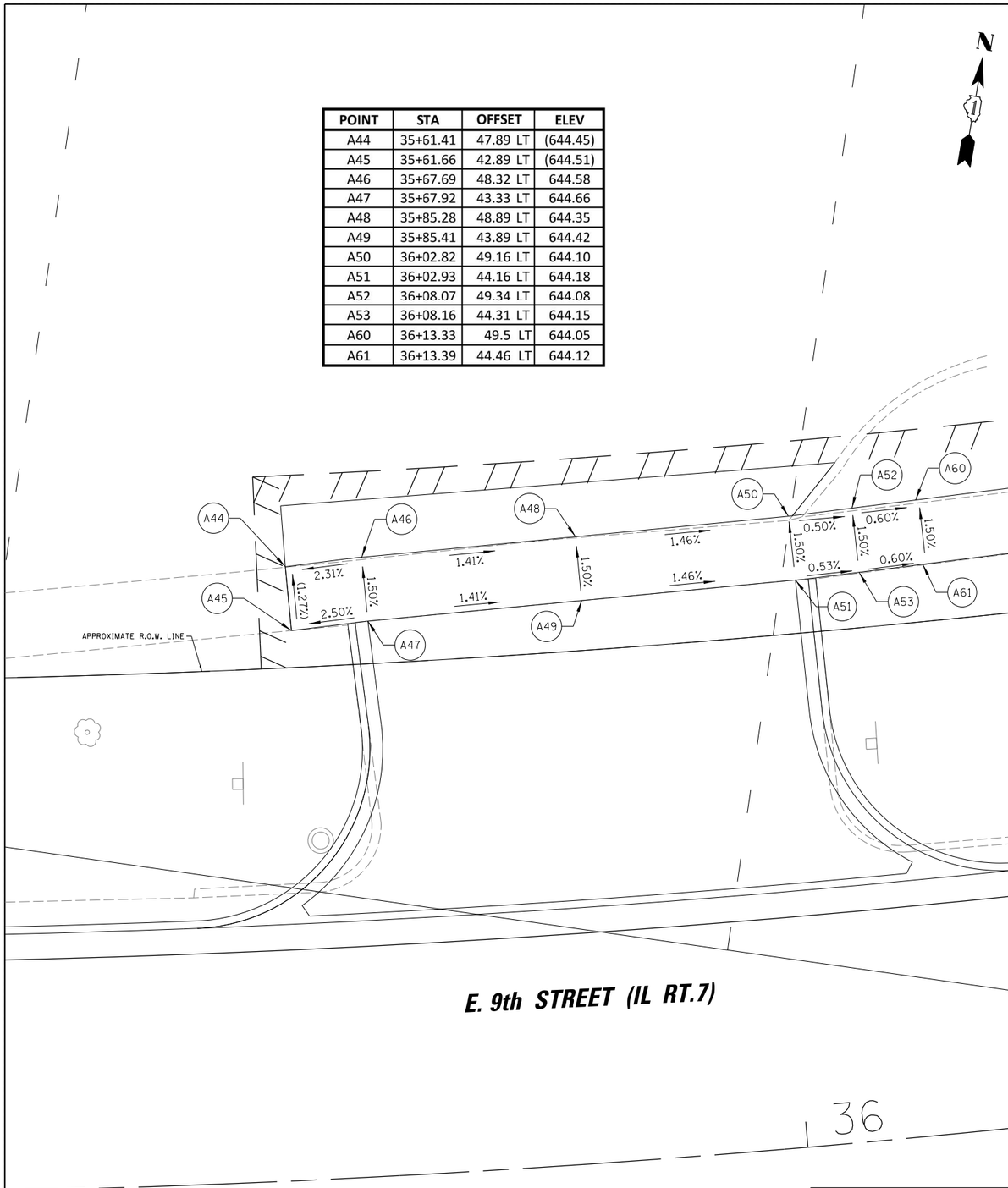
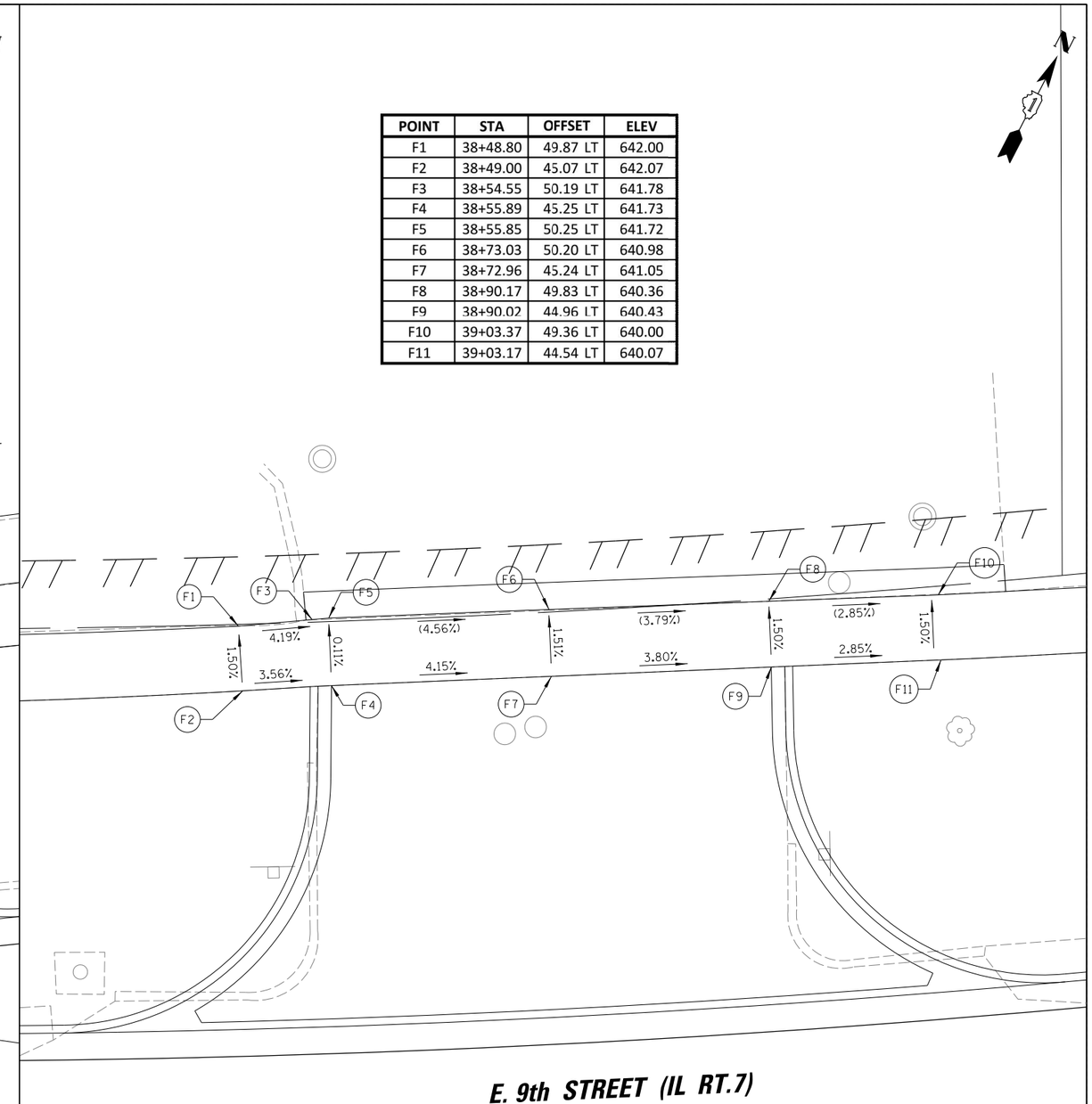
POINT	STA	OFFSET	ELEV
A44	35+61.41	47.89 LT	(644.45)
A45	35+61.66	42.89 LT	(644.51)
A46	35+67.69	48.32 LT	644.58
A47	35+67.92	43.33 LT	644.66
A48	35+85.28	48.89 LT	644.35
A49	35+85.41	43.89 LT	644.42
A50	36+02.82	49.16 LT	644.10
A51	36+02.93	44.16 LT	644.18
A52	36+08.07	49.34 LT	644.08
A53	36+08.16	44.31 LT	644.15
A60	36+13.33	49.5 LT	644.05
A61	36+13.39	44.46 LT	644.12



POINT	STA	OFFSET	ELEV
F1	38+48.80	49.87 LT	642.00
F2	38+49.00	45.07 LT	642.07
F3	38+54.55	50.19 LT	641.78
F4	38+55.89	45.25 LT	641.73
F5	38+55.85	50.25 LT	641.72
F6	38+73.03	50.20 LT	640.98
F7	38+72.96	45.24 LT	641.05
F8	38+90.17	49.83 LT	640.36
F9	38+90.02	44.96 LT	640.43
F10	39+03.37	49.36 LT	640.00
F11	39+03.17	44.54 LT	640.07

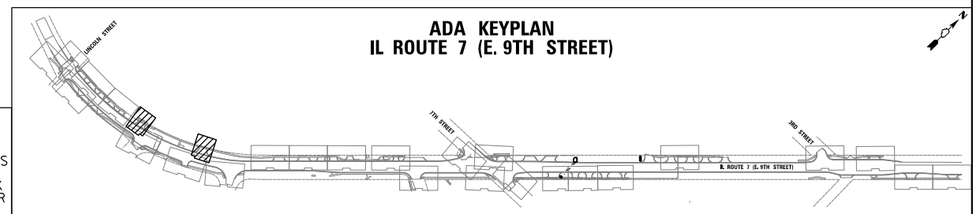


5 0 5
SCALE IN FEET

LEGEND

(X.XX%) EXISTING SLOPE
X.XX% PROPOSED SLOPE
CONCRETE CURB, TYPE B
DETECTABLE WARNINGS
PROPOSED CROSSWALK (SEE PMK SHEETS FOR PAVEMENT MARKINGS)

ADA KEYPLAN
IL ROUTE 7 (E. 9TH STREET)



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	DRAWN - JTA	REVISED -
PLOT SCALE = 5'	CHECKED - BMW	REVISED -
PLOT DATE = 11/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 7 (E. 9TH STREET)
ADA RAMP DETAILS

SCALE: 1:5 | SHEET NO. 6 OF 26 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	97
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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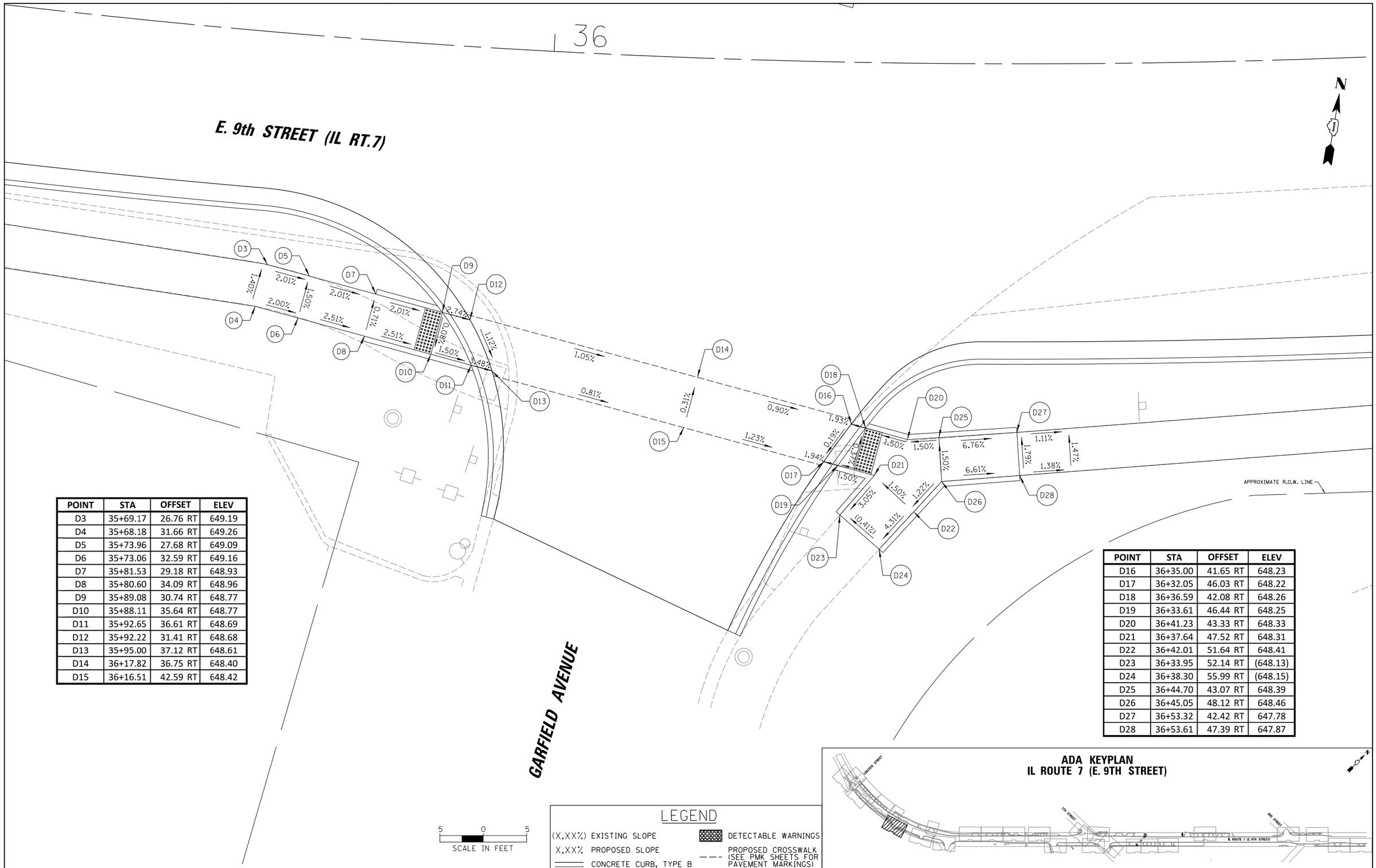

POINT	STA	OFFSET	ELEV
D3	35+69.17	26.76 RT	649.19
D4	35+68.18	31.66 RT	649.26
D5	35+73.96	27.68 RT	649.09
D6	35+73.06	32.59 RT	649.16
D7	35+81.53	29.18 RT	648.93
D8	35+80.60	34.09 RT	648.96
D9	35+89.08	30.74 RT	648.77
D10	35+88.11	35.64 RT	648.77
D11	35+92.65	36.61 RT	648.69
D12	35+92.22	31.41 RT	648.68
D13	35+95.00	37.12 RT	648.61
D14	36+17.82	36.75 RT	648.40
D15	36+16.51	42.59 RT	648.42

POINT	STA	OFFSET	ELEV
D16	36+35.00	41.65 RT	648.23
D17	36+32.05	46.03 RT	648.22
D18	36+36.59	42.08 RT	648.26
D19	36+33.61	46.44 RT	648.25
D20	36+41.23	43.33 RT	648.33
D21	36+37.64	47.52 RT	648.31
D22	36+42.01	51.64 RT	648.41
D23	36+33.95	52.14 RT	(648.13)
D24	36+38.30	55.99 RT	(648.15)
D25	36+44.70	43.07 RT	648.39
D26	36+45.05	48.12 RT	648.46
D27	36+53.32	42.42 RT	647.78
D28	36+53.61	47.39 RT	647.87

LEGEND

(X.XX%) EXISTING SLOPE
X.XX% PROPOSED SLOPE
CONCRETE CURB, TYPE B
DETECTABLE WARNINGS
PROPOSED CROSSWALK (SEE PMK SHEETS FOR PAVEMENT MARKINGS)

ADA KEYPLAN
IL ROUTE 7 (E. 9TH STREET)

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(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -	
	DRAWN - JTA	REVISED -	
PLOT SCALE = 5'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 7 (E. 9TH STREET)
ADA RAMP DETAILS

SCALE: 1:5 | SHEET NO. 7 OF 26 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	98
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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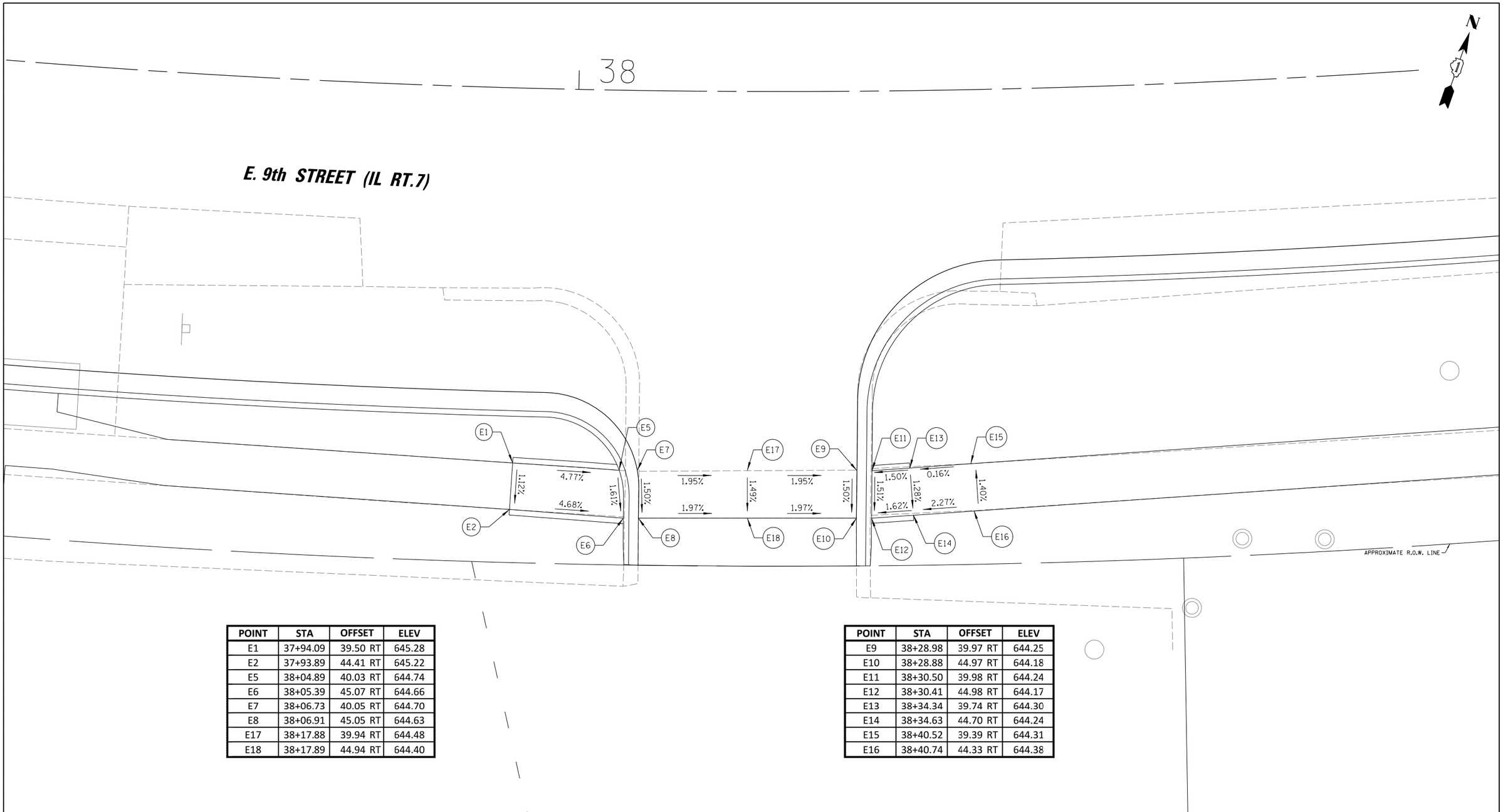


POINT	STA	OFFSET	ELEV
E1	37+94.09	39.50 RT	645.28
E2	37+93.89	44.41 RT	645.22
E5	38+04.89	40.03 RT	644.74
E6	38+05.39	45.07 RT	644.66
E7	38+06.73	40.05 RT	644.70
E8	38+06.91	45.05 RT	644.63
E17	38+17.88	39.94 RT	644.48
E18	38+17.89	44.94 RT	644.40

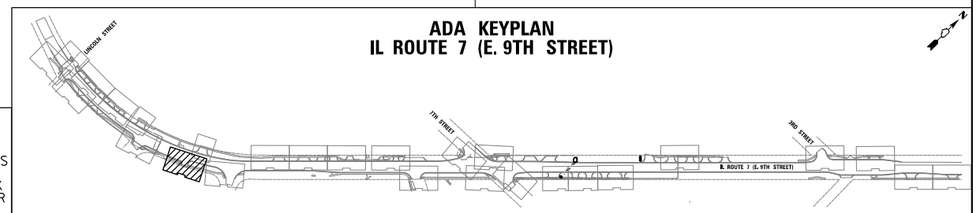
POINT	STA	OFFSET	ELEV
E9	38+28.98	39.97 RT	644.25
E10	38+28.88	44.97 RT	644.18
E11	38+30.50	39.98 RT	644.24
E12	38+30.41	44.98 RT	644.17
E13	38+34.34	39.74 RT	644.30
E14	38+34.63	44.70 RT	644.24
E15	38+40.52	39.39 RT	644.31
E16	38+40.74	44.33 RT	644.38

5 0 5
SCALE IN FEET

LEGEND

(X.XX%) EXISTING SLOPE
X.XX% PROPOSED SLOPE
CONCRETE CURB, TYPE B
DETECTABLE WARNINGS
PROPOSED CROSSWALK (SEE PMK SHEETS FOR PAVEMENT MARKINGS)

ADA KEYPLAN
IL ROUTE 7 (E. 9TH STREET)



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	DRAWN - JTA	REVISED -	
PLOT SCALE = 5'	CHECKED - BMW	REVISED -	
PLOT DATE = 11/9/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 7 (E. 9TH STREET)
ADA RAMP DETAILS

SCALE: 1:5 | SHEET NO. 8 OF 26 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	99

CONTRACT NO. 61H98
ILLINOIS FED. AID PROJECT

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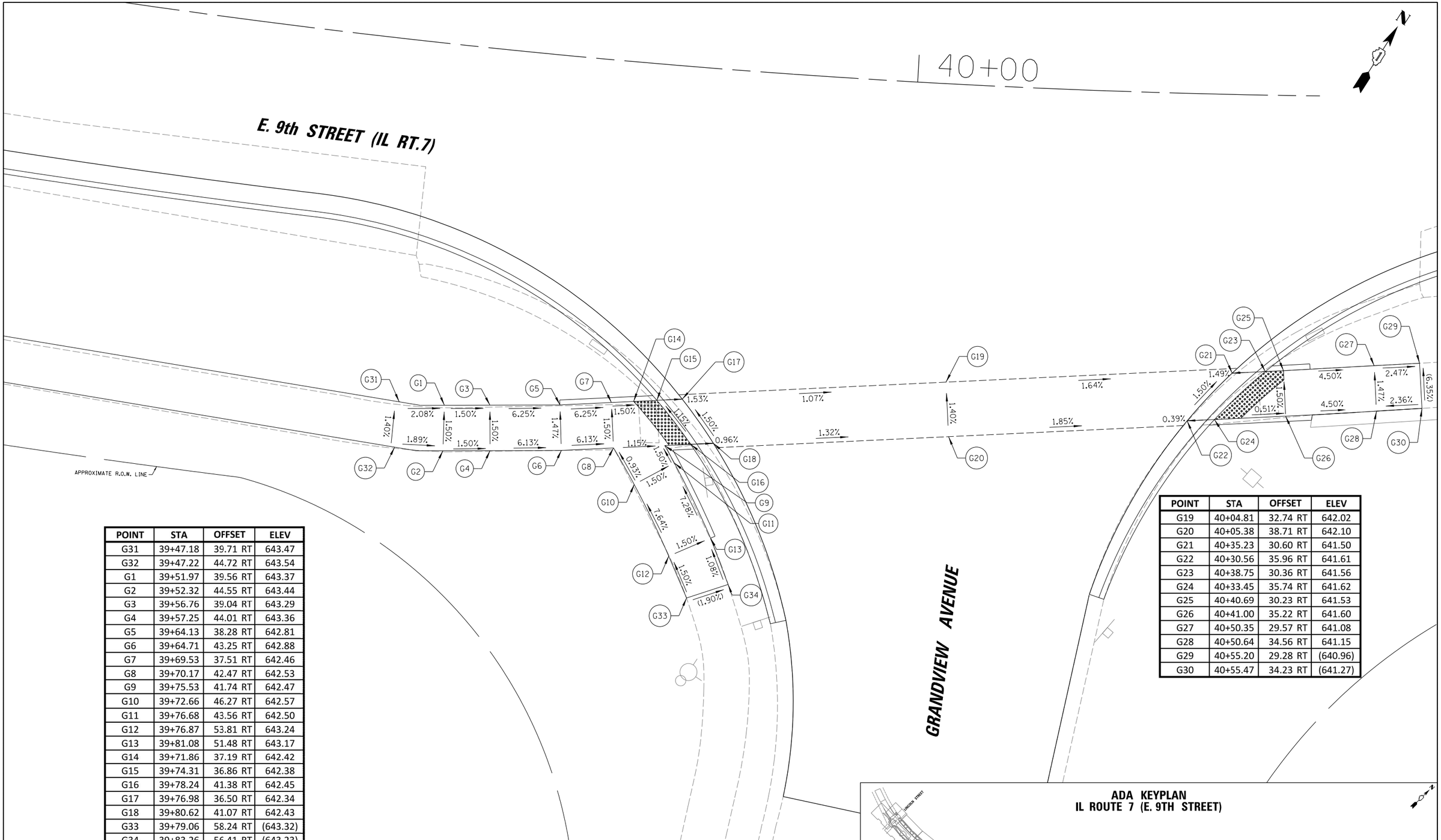


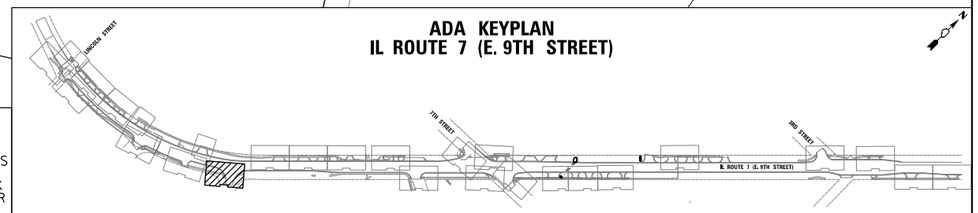
POINT	STA	OFFSET	ELEV
G31	39+47.18	39.71 RT	643.47
G32	39+47.22	44.72 RT	643.54
G1	39+51.97	39.56 RT	643.37
G2	39+52.32	44.55 RT	643.44
G3	39+56.76	39.04 RT	643.29
G4	39+57.25	44.01 RT	643.36
G5	39+64.13	38.28 RT	642.81
G6	39+64.71	43.25 RT	642.88
G7	39+69.53	37.51 RT	642.46
G8	39+70.17	42.47 RT	642.53
G9	39+75.53	41.74 RT	642.47
G10	39+72.66	46.27 RT	642.57
G11	39+76.68	43.56 RT	642.50
G12	39+76.87	53.81 RT	643.24
G13	39+81.08	51.48 RT	643.17
G14	39+71.86	37.19 RT	642.42
G15	39+74.31	36.86 RT	642.38
G16	39+78.24	41.38 RT	642.45
G17	39+76.98	36.50 RT	642.34
G18	39+80.62	41.07 RT	642.43
G33	39+79.06	58.24 RT	(643.32)
G34	39+83.26	56.41 RT	(643.23)

POINT	STA	OFFSET	ELEV
G19	40+04.81	32.74 RT	642.02
G20	40+05.38	38.71 RT	642.10
G21	40+35.23	30.60 RT	641.50
G22	40+30.56	35.96 RT	641.61
G23	40+38.75	30.36 RT	641.56
G24	40+33.45	35.74 RT	641.62
G25	40+40.69	30.23 RT	641.53
G26	40+41.00	35.22 RT	641.60
G27	40+50.35	29.57 RT	641.08
G28	40+50.64	34.56 RT	641.15
G29	40+55.20	29.28 RT	(640.96)
G30	40+55.47	34.23 RT	(641.27)

LEGEND

(X.XX%) EXISTING SLOPE
X.XX% PROPOSED SLOPE
CONCRETE CURB, TYPE B
DETECTABLE WARNINGS
PROPOSED CROSSWALK (SEE PMK SHEETS FOR PAVEMENT MARKINGS)

ADA KEYPLAN
IL ROUTE 7 (E. 9TH STREET)



CHRISTOPHER B. BURKE ENGINEERING, LTD.
15221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = aschaefer	DESIGNED - AJS	REVISED -
	DRAWN - JTA	REVISED -
PLOT SCALE = 5'	CHECKED - BMW	REVISED -
PLOT DATE = 11/9/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 7 (E. 9TH STREET)
ADA RAMP DETAILS

SCALE: 1:5 | SHEET NO. 9 OF 26 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	18-00084-00-WR	WILL	211	100
		CONTRACT NO. 61H98		
		ILLINOIS FED. AID PROJECT		

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