

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	1
		ILLINOIS	CONTRACT NO. 61K74	

11-08-2024 LETTING ITEM 116

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 1263 (HAZEL AVENUE)
WILMOT ROAD TO IL ROUTE 43 (WAUKEGAN ROAD)
ROADWAY RECONSTRUCTION
SECTION 20-00108-00-PV
PROJECT E4Y2(438)
VILLAGE OF DEERFIELD
LAKE COUNTY

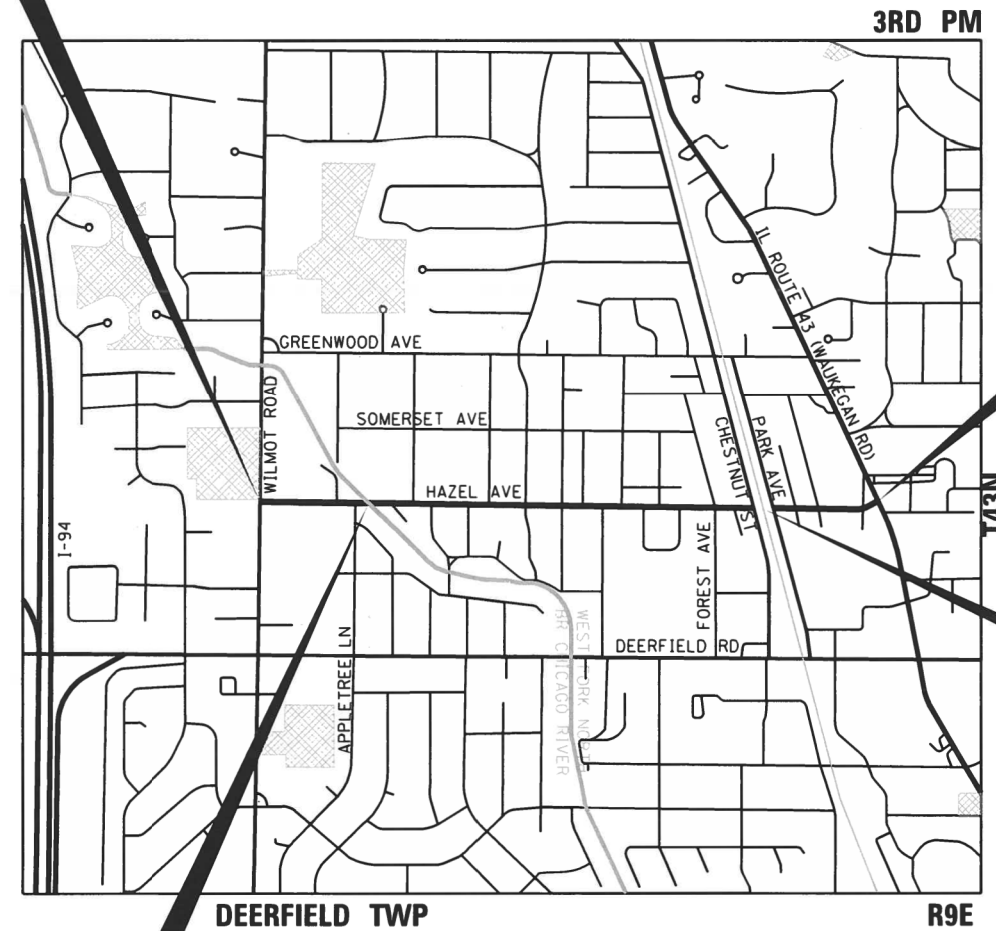
TRAFFIC DATA
HAZEL AVENUE ADT = 2,677 (2019)
HAZEL AVENUE ADT = 3,100 (2050)

SPEED LIMIT:
25 MPH (POSTED)
30 MPH (DESIGN)

DESIGN DESIGNATION
MAJOR COLLECTOR

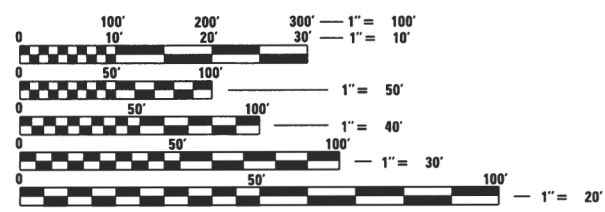
BEGIN IMPROVEMENT
HAZEL AVENUE
STA. 10 + 15.00

C-91-150-24



END IMPROVEMENT
HAZEL AVENUE
STA 63 + 80.00

RAILROAD OMISSION
METRA
STA 53 + 78.00
STA 54 + 40.42



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

CONSULTING ENGINEERS **BLA, Inc.**
333 PIERCE ROAD SUITE 200 ITASCA, IL 60143
P:(630) 438 6400 F:(630) 438 6444 www.bla-inc.com

CONTRACT NO. 61K74

BRIDGE OMISSION
SN 049-6152
STA 18 + 98.11 TO
STA 21 + 06.63

PROJECT LOCATION
GROSS LENGTH = 5365.00 FT. = 1.016 MILE
NET LENGTH = 5365.00 FT. = 1.016 MILE

Gregory J. Ellwanger
GREGORY J. ELLWANGER
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-067088
MY LICENSE EXPIRES ON 11-30-2025
DATE 7/26/2024



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED July 26 20 24
Robert W. Phillips
VILLAGE OF DEERFIELD

PASSED Aug 22 20 24
C. J. Prude
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW Aug 22nd 20 24
Joseph [Signature]
REGIONAL ENGINEER

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

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 PIPE COUPLING DETAIL
 PRECAST MANHOLE TYPE A DETAIL

HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 001006 DECIMAL EQUIVALENTS OF AN INCH-FOOT
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 424026-03 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
 442201-03 CLASS C AND D PATCHES
 602401-07 PRECAST MANHOLE, TYPE A, 4' DIAMETER
 602402-03 PRECAST MANHOLE, TYPE A, 5' DIAMETER
 602406-11 PRECAST MANHOLE, TYPE A, 6' DIAMETER
 602411-09 PRECAST MANHOLE, TYPE A, 7' DIAMETER
 602421-09 PRECAST MANHOLE, TYPE A, 9' DIAMETER
 602426-03 PRECAST MANHOLE, TYPE A 10' DIAMETER
 602501-06 PRECAST VALVE VAULT, TYPE A, 4' DIAMETER
 602601-06 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
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 604001-05 FRAME AND LIDS, TYPE 1
 604036-03 GRATE, TYPE 8
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 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM EDGE OF PVMT
 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' TO 24' FROM EDGE OF PVMT
 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
 701801-06 SIDEWALK, CORNER, OR CROSSWALK CLOSURE
 701901-09 TRAFFIC CONTROL DEVICES
 780001-05 TYPICAL PAVEMENT MARKINGS

COMMITMENTS

- TREES THREE (3) INCHES IN DIAMETER OR GREATER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH OCTOBER 31ST OF ANY GIVEN YEAR.
- MAINTAIN PROPERTY ACCESS DURING CONSTRUCTION.

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022 (HEREIN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2024; THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH LOCAL EMERGENCY SERVICES AND THE VILLAGE OF DEERFIELD USING THE FOLLOWING TELEPHONE NUMBERS:
 POLICE DEPARTMENT: (847) 945-8636
 FIRE DEPARTMENT: (847) 945-4066
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING AND PROPOSED UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS, IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- 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.
- 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.
- ALL LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES THAT OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF IMPROVEMENT ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.
- THE CONTRACTOR SHALL NOT SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR THE VILLAGE.
- THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- SAW CUTTING OF ALL ITEMS TO BE REMOVED SHALL BE FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS IS NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT-MIX ASPHALT MIXTURES ARE TO BE PLACED.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, SIDEWALKS, PCC PAVEMENT, AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FRESH CONCRETE FROM DAMAGE AND VANDALISM. ANY DAMAGED OR VANDALIZED CONCRETE SHALL BE REMOVED AND REPLACED.
- ALL ELEVATIONS ARE ON THE U.S.G.S. DATUM NAVD 88.
- ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR ADA RAMPS, PAVEMENT MARKINGS, ETC. ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.
- TEMPORARY INFORMATION SIGNING AND CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AT EAST AND WEST PROJECT LIMITS OR AS DIRECTED BY THE ENGINEER, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- ANY NECESSARY TRAFFIC CONTROL SIGNAGE SHALL BE COORDINATED WITH THE RAILROAD COMPANIES.
- TREE ROOT PRUNING SHALL BE USED WHERE NECESSARY IN AREAS OF PROPOSED IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE 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 ABOVE ITEM 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 SSRBC 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.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
- THE CONTRACTOR SHALL USE CAUTION WHEN WORKING NEAR AND UNDER OVERHEAD UTILITY FACILITIES.

MODEL: D:\info\... FILE NAME: E:\09-006_Hazel_Avenue_Phase_II_Deerfield\CADD_Sheets\02_General_Notes\20-001\08-00-00-PV_dht - general notes_001.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2024	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HAZEL AVENUE IMPROVEMENTS			
INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS			
SCALE: NTS	SHEET 1 OF 2 SHEETS	STA. N/A TO STA. N/A	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	2
CONTRACT NO. 61K74				
ILLINOIS		FED. AID PROJECT		

GENERAL NOTES

- 29. WHEN CONSTRUCTING SIDEWALK RAMPS FOR THE HANDICAPPED, STATE STANDARDS LISTED IN THE HIGHWAY STANDARD INDEX SHALL APPLY. THE PROPOSED ELEVATIONS SHALL BE UTILIZED UNLESS FIELD CONDITIONS NECESSITATE DEVIATING FROM THE ELEVATIONS IN ORDER TO MEET ALL SLOPE REQUIREMENTS.
- 30. THE CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED.
- 31. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION. THIS INCLUDES A RIGHT-OF-ENTRY PERMIT FOR EACH RAILROAD.
 - a. METRA
- 32. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL AND EROSION CONTROL REQUIREMENTS ARE MET.
- 33. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS AND IN ACCORDANCE WITH IDOT SIGNING STANDARDS:
 - a. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 - b. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS NEEDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
 - c. ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DIRECTED BY THE ENGINEER.
 - d. ALL UNUSED SIGNS WILL BE RETURNED TO THE: THE VILLAGE OF DEERFIELD
 - e. LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
- 34. STOP SIGNS AND STOP BARS ARE TO BE MAINTAINED ON ALL ROADS THROUGH THE DURATION OF CONSTRUCTION.
- 35. POSITIVE DRAINAGE WITHIN THE WORK ZONE MUST BE MAINTAINED AT ALL TIMES.
- 36. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE METRA RAILROAD. WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW, THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE METRA RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.
- 37. 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 12" AT LOCATIONS WHERE THE DROP OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE SHALL BE BACKFILLED IN ACCORDANCE WITH TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY. 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.
- 38. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGN MESSAGES SHALL BE REVISED TWO WEEKS THEREAFTER WITH MESSAGES WARNING TRAFFIC OF POTENTIAL TRAFFIC DELAYS, QUEUING AND/OR WITH MESSAGES NOTIFYING TRAFFIC TO USE ALTERNATE ROUTES. THE SIGN LOCATIONS AND MESSAGES SHALL BE DETERMINED BY THE ENGINEER

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FILE NAME: F:\030-006 - Hazel Avenue Phase II_Deerfield\CADD_Sheets\02_General Notes\20-00108-00-PV.dwg - general notes 001.dgn



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PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HAZEL AVENUE IMPROVEMENTS			
INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS			
SCALE: NTS	SHEET 2 OF 2 SHEETS	STA. N/A	TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	3
			CONTRACT NO. 61K74	
		ILLINOIS	FED. AID PROJECT	

CONSTRUCTION CODE			
80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
0004	0043	0047	0042
URBAN	URBAN	URBAN	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	54	54	-	-	-
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	632	632	-	-	-
* 20101100	TREE TRUNK PROTECTION	EACH	81	81	-	-	-
* 20101200	TREE ROOT PRUNING	EACH	79	79	-	-	-
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	15	15	-	-	-
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	15	15	-	-	-
20200100	EARTH EXCAVATION	CU YD	5,822	5,822	-	-	-
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,935	1,935	-	-	-
20800150	TRENCH BACKFILL	CU YD	12,028	7,806	4,222	-	-
21001000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	2,903	2,903	-	-	-
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,773	1,773	-	-	-
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SO YD	231	231	-	-	-
• 25000312	SEEDING, CLASS 4A	ACRE	0.25	0.25	-	-	-
• 25200110	SODDING, SALT TOLERANT	SO YD	11,560	11,560	-	-	-

• = SPECIALTY ITEM

MODEL: D:\dgn\...
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USER NAME = gellwanger	DESIGNED -	REVISED -
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	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N/A SHEET 1 OF 14 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K74	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
				0004	0043	0047	0042
				URBAN	URBAN	URBAN	
25200200	SUPPLEMENTAL WATERING	UNIT	173	173	-	-	-
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	214	214	-	-	-
28000305	TEMPORARY DITCH CHECKS	FOOT	280	280	-	-	-
28000400	PERIMETER EROSION BARRIER	FOOT	329	329	-	-	-
28000510	INLET FILTERS	EACH	192	192	-	-	-
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	11,504	11,504	-	-	-
28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	17	17	-	-	-
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,069	1,069	-	-	-
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	20,097	20,097	-	-	-
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	5,283	5,283	-	-	-
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	709	709	-	-	-
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	86	86	-	-	-
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	15,673	15,673	-	-	-
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	5,016	5,016	-	-	-

* = SPECIALTY ITEM

MODEL Default FILE NAME: P:\090-006-Hazel Avenue Phase II_Design\field\CADD_Sheets\03-500-20-00108-00-PV.dwg - 500.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 9/10/2024	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET 2 OF 14 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	5
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
				0004	0043	0047	0042
				URBAN	URBAN	URBAN	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,672	1,672	-	-	-
42001300	PROTECTIVE COAT	SO YD	7,158	7,158	-	-	-
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	587	587	-	-	-
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	38,227	38,227	-	-	-
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SO FT	4,035	4,035	-	-	-
42400800	DETECTABLE WARNINGS	SO FT	740	740	-	-	-
44000100	PAVEMENT REMOVAL	SO YD	16,666	16,666	-	-	-
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	1,566	1,566	-	-	-
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	10,647	10,647	-	-	-
44000600	SIDEWALK REMOVAL	SO FT	29,257	29,257	-	-	-
50102400	CONCRETE REMOVAL	CU YD	1.9	-	-	1.9	-
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1.3	-	-	1.3	-
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	260	-	-	260	-
52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	290	-	-	290.2	-

* = SPECIALTY ITEM

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USER NAME = gellwanger	DESIGNED -	REVISED -
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PLOT DATE = 9/10/2024	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET 3 OF 14 SHEETS STA. N/A TO STA. N/A

F A U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	6
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
				0004	0043	0047	0042
				URBAN	URBAN	URBAN	
550A0330	STORM SEWERS, CLASS A, TYPE 2 10"	FOOT	32	32	-	-	-
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	507	507	-	-	-
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	231	231	-	-	-
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	531	531	-	-	-
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	214	214	-	-	-
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	920	920	-	-	-
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	170	170	-	-	-
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	386	386	-	-	-
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	414	414	-	-	-
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	523	523	-	-	-
550A5100	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 30"	FOOT	16	16	-	-	-
550A5300	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	FOOT	102	102	-	-	-
550A5500	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42"	FOOT	15	15	-	-	-
55100200	STORM SEWER REMOVAL 6"	FOOT	135	135	-	-	-

* = SPECIALTY ITEM

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FILE NAME: P:\090-006-Hazel Avenue Phase II_Dewatering\CADD_Sheets\03-500-20-00108-00-PV.dwg - 500.dgn



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PLOT SCALE = 40.0001' / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N/A SHEET 4 OF 14 SHEETS STA. N/A TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	7
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE			
80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
0004	0043	0047	0042
URBAN	URBAN	URBAN	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
55100300	STORM SEWER REMOVAL 8"	FOOT	997	997	-	-	-
55100400	STORM SEWER REMOVAL 10"	FOOT	876	876	-	-	-
55100500	STORM SEWER REMOVAL 12"	FOOT	813	813	-	-	-
55100700	STORM SEWER REMOVAL 15"	FOOT	433	433	-	-	-
55100900	STORM SEWER REMOVAL 18"	FOOT	504	504	-	-	-
55101100	STORM SEWER REMOVAL 21"	FOOT	43	43	-	-	-
55101200	STORM SEWER REMOVAL 24"	FOOT	1,936	1,936	-	-	-
55101300	STORM SEWER REMOVAL 27"	FOOT	148	148	-	-	-
55101400	STORM SEWER REMOVAL 30"	FOOT	216	216	-	-	-
55101600	STORM SEWER REMOVAL 36"	FOOT	32	32	-	-	-
55101800	STORM SEWER REMOVAL 42"	FOOT	180	180	-	-	-
• 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	483	-	483	-	-
• 56103100	DUCTILE IRON WATER MAIN 8"	FOOT	703	-	703	-	-
• 56103200	DUCTILE IRON WATER MAIN 10"	FOOT	36	-	36	-	-

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PLOT DATE = 9/10/2024	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET 5 OF 14 SHEETS STA. N/A TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K74	

CONSTRUCTION CODE			
80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
0004	0043	0047	0042
URBAN	URBAN	URBAN	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
• 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	5,198	-	5,198	-	-
• 56105000	WATER VALVES 8"	EACH	24	-	24	-	-
• 56105100	WATER VALVES 10"	EACH	1	-	1	-	-
• 56105200	WATER VALVES 12"	EACH	17	-	17	-	-
* 56200500	WATER SERVICE LINE 1 1/2"	FOOT	1,653	-	1,653	-	-
• 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	10	-	10	-	-
• 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	11	-	11	-	-
• 56500500	DOMESTIC METER VAULTS	EACH	6	-	6	-	-
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	9,134	9,134	-	-	-
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	32	32	-	-	-
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	4	4	-	-	-
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2	-	-	-
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2	2	-	-	-

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PLOT DATE = 9/10/2024	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HAZEL AVENUE IMPROVEMENTS SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET 6	OF 14 SHEETS	STA. N/A TO STA. N/A

F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221	SHEET NO. 9
			CONTRACT NO. 61K74	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
				0004	0043	0047	0042
				URBAN	URBAN	URBAN	
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	50	50	-	-	-
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	3	3	-	-	-
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	5	5	-	-	-
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	19	19	-	-	-
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6	6	-	-	-
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11	-	-	-
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9	-	-	-
60224445	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2	-	-	-
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5	-	-	-
60224457	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	-	-	-
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2	-	-	-
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	41	-	41	-	-
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2	-	-	-
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2	-	-	-

* = SPECIALTY ITEM

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PLOT DATE = 9/10/2024	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N/A SHEET 7 OF 14 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	10
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
				0004	0043	0047	0042
				URBAN	URBAN	URBAN	
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	5	-	5	-	-
60500040	REMOVING MANHOLES	EACH	40	40	-	-	-
60500050	REMOVING CATCH BASINS	EACH	72	72	-	-	-
60500060	REMOVING INLETS	EACH	18	18	-	-	-
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	10,679	10,679	-	-	-
66400105	CHAIN LINK FENCE, 4'	FOOT	2,621	2,621	-	-	-
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	300	300	-	-	-
66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2	-	-	-
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	-	-	-
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	-	-	-
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	45	45	-	-	-
67100100	MOBILIZATION	L SUM	1	1	-	-	-
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	310	310	-	-	-
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	120	120	-	-	-

* = SPECIALTY ITEM

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	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N/A SHEET 8 OF 14 SHEETS STA. N/A TO STA. N/A

F A U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	11
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
				0004	0043	0047	0042
				URBAN	URBAN	URBAN	
X0326806	WASHOUT BASIN	L SUM	1	1	-	-	-
X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	1,364	1,364	-	-	-
X1200002	CASING PIPE, OPEN CUT, 24" PVC	FOOT	40	-	40	-	-
X1200015	VALVE VAULTS TO BE ABANDONED	EACH	4	-	4	-	-
X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	50	50	-	-	-
X2800400	PERIMETER EROSION BARRIER (SPECIAL)	FOOT	44	44	-	-	-
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	56	56	-	-	-
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2	-	-	-
X4023000	TEMPORARY ACCESS (ROAD)	EACH	21	21	-	-	-
X4421817	CLASS D PATCHES, TYPE III, 7 INCH (SPECIAL)	SQ YD	15	15	-	-	-
X4421818	CLASS D PATCHES, TYPE IV, 7 INCH (SPECIAL)	SQ YD	48	48	-	-	-
X5021507	DEWATERING	L SUM	1	1	-	-	-
X5510306	SANITARY SEWER REMOVAL 6"	FOOT	30	30	-	-	-
X5510308	SANITARY SEWER REMOVAL 8"	FOOT	98	98	-	-	-

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PLOT DATE = 9/18/2024	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET 10 OF 14 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	13
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

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 FILE NAME: P:\090-006-Hazel Avenue Phase II_Davenport\ICADD_Sheets\03-500\20-00108-00-PV.dwg - 500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
				0004	0043	0047	0042
				URBAN	URBAN	URBAN	
X5510310	SANITARY SEWER REMOVAL 10"	FOOT	175	175	-	-	-
X5510312	SANITARY SEWER REMOVAL 12"	FOOT	79	79	-	-	-
X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	836	-	836	-	-
X5610660	WATER MAIN TO BE ABANDONED, 10"	FOOT	2,493	-	2,493	-	-
X5610706	WATER MAIN REMOVAL, 6"	FOOT	4,608	-	4,608	-	-
X5610708	WATER MAIN REMOVAL, 8"	FOOT	886	-	886	-	-
X5610710	WATER MAIN REMOVAL, 10"	FOOT	1,905	-	1,905	-	-
X5610746	WATER MAIN LINE STOP 6"	EACH	8	-	8	-	-
X5610750	WATER MAIN LINE STOP 10"	EACH	2	-	2	-	-
X5870015	BRIDGE DECK CONCRETE SEALER	SO FT	2,324	-	-	2,324	-
X6022110	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2	-	-	-
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	26	26	-	-	-
X6026622	VALVE VAULTS TO BE REMOVED	EACH	33	-	33	-	-
X6640104	FENCE REMOVAL	FOOT	78	78	-	-	-

• = SPECIALTY ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N/A SHEET 11 OF 14 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221	SHEET NO. 14
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
				0004	0043	0047	0042
				URBAN	URBAN	URBAN	
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12	-	-	-
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	-	-	-
X8860105	DETECTOR LOOP REPLACEMENT	FOOT	69	69	-	-	-
XX002185	RELOCATE EXISTING LIGHT POLE	EACH	3	3	-	-	-
XX001386	SANITARY SEWER, PVC, 8"	FOOT	98	98	-	-	-
XX001464	SANITARY SEWER, PVC, 6"	FOOT	30	30	-	-	-
XX001465	SANITARY SEWER, PVC, 10"	FOOT	175	175	-	-	-
XX001466	SANITARY SEWER, PVC, 12"	FOOT	79	79	-	-	-
XX005106	PVC CASING PIPE, 18"	FOOT	60	-	60	-	-
XX009419	CASING PIPE, 42"	FOOT	20	20	-	-	-
Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SO YD	709	709	-	-	-
Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SO YD	86	86	-	-	-
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SO YD	818	818	-	-	-
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	-	-	-

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PLOT DATE = 9/18/2024	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N/A SHEET 12 OF 14 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	15
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
				0004	0043	0047	0042
				URBAN	URBAN	URBAN	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	-	-	-
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	-	-	-
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	593	593	-	-	-
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	152	152	-	-	-
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	126	126	-	-	-
Z0056614	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH	FOOT	183	183	-	-	-
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	311	311	-	-	-
Z0056618	STORM SEWER (WATER MAIN REQUIREMENTS) 27 INCH	FOOT	27	27	-	-	-
Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	15	15	-	-	-
Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	55	55	-	-	-
Z0076600	TRAINEES	HOURL	1,000	-	-	-	1,000
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1,000	-	-	-	1,000
• XX009657	HORIZONTALLY DIRECTIONAL DRILL, HDPE WATER MAIN, 12"	FOOT	222	-	222	-	-
• XX009655	STEEL CASING PIPE, BORED AND JACKED, 24"	FOOT	109	-	109	-	-

• = SPECIALTY ITEM

MODEL Default
FILE NAME: P:\090-006-Hazel Avenue Phase II_DirectionalCDD_Sheets\03-500-20-00108-00-PV.dwg - 500.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0001' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2024	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N/A SHEET 13 OF 14 SHEETS STA. N/A TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	16
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL ROADWAY	0% FED 100% LOCAL WATERMAIN	80% FED 20% LOCAL STRUCTURAL	80% FED 20% LOCAL TRAINEE
				0004	0043	0047	0042
				URBAN	URBAN	URBAN	
XX009658	TEMPORARY CLUSTER MAILBOX	L SUM	1	1	-	-	-

• = SPECIALTY ITEM

MODEL Default
FILE NAME: P:\300-006-Hazel Avenue Phase II_Davenport\ICADD_Sheets\03_500-20-00108-00-PV.dwg - 500.dgn



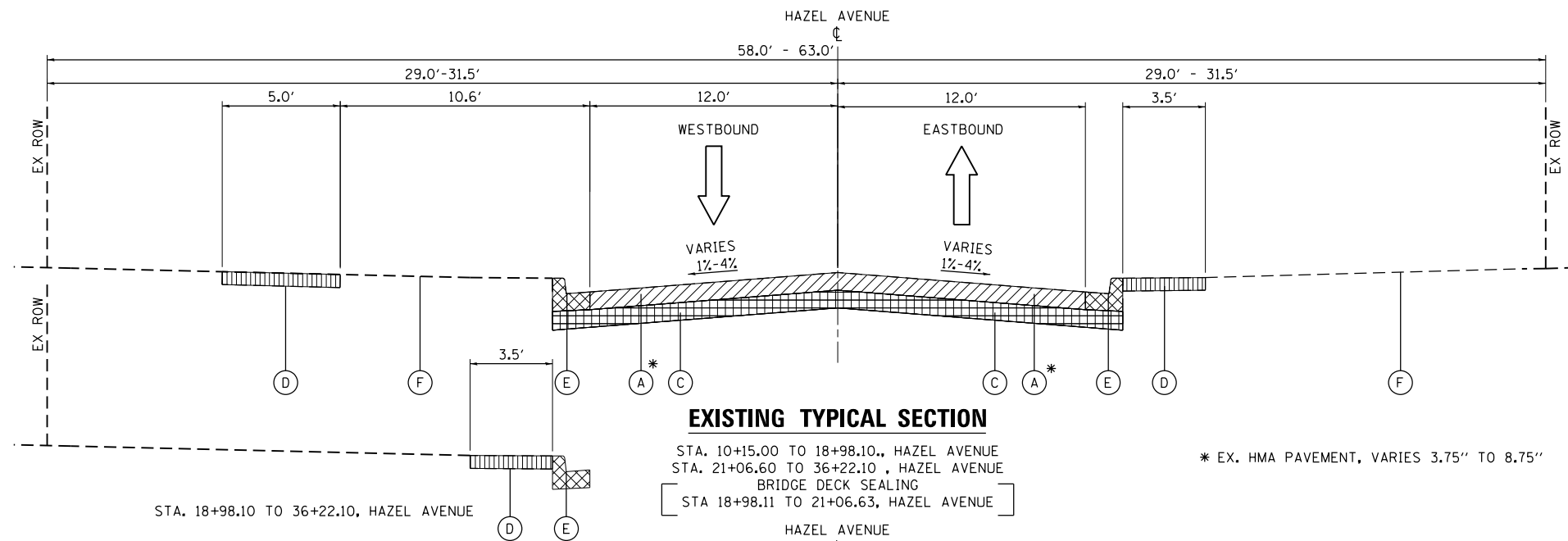
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	DRAWN -	REVISED -
PLOT SCALE = 40.0001 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2024	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

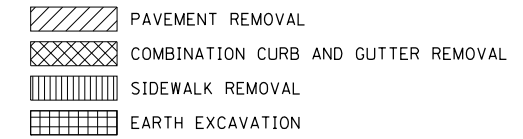
**HAZEL AVENUE IMPROVEMENTS
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET 14 OF 14 SHEETS STA. N/A TO STA. N/A

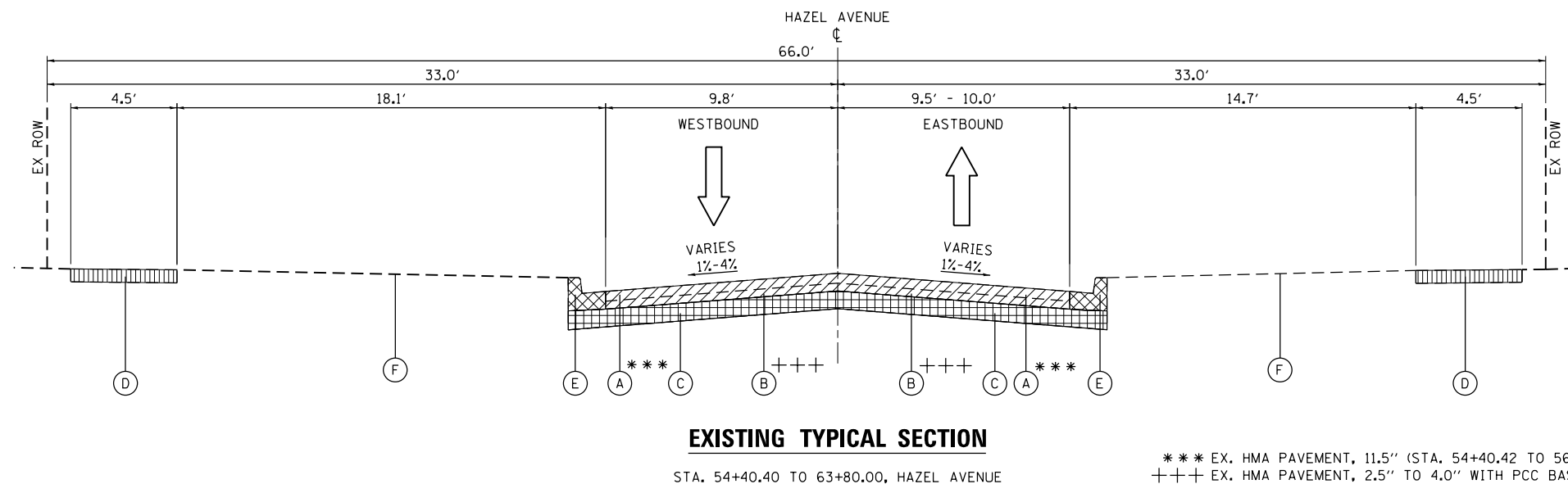
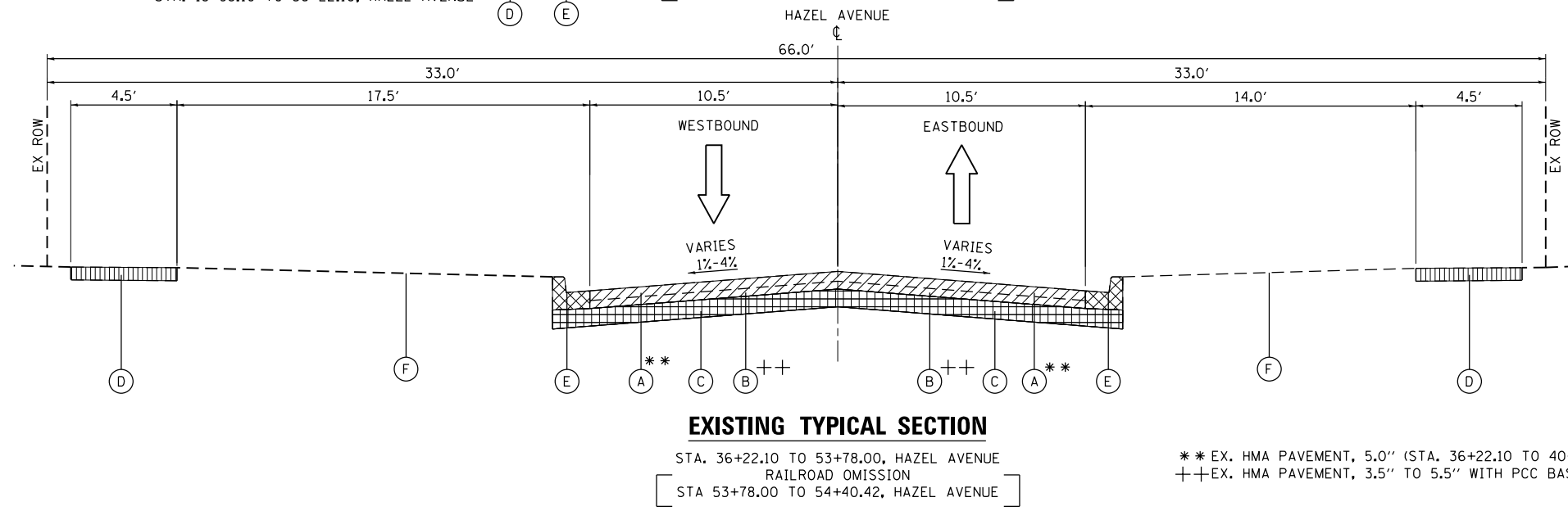
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	17
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	



- EXISTING LEGEND**
- (A) EX. PAVEMENT, VARIES (R)
 - (B) EX. PCC BASE COURSE, VARIES (R)
 - (C) EX. SUBGRADE, 10" (R)
 - (D) EX. SIDEWALK, 5" (R)
 - (E) EX. COMBINATION CONCRETE CURB AND GUTTER (R)
 - (F) EX. GROUND (R)



ITEM WITH (R) ARE TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLANS



MODEL: Default; FILE NAME: E:\090-006 - Hazel Avenue Phase II Deerfield\CADD_Sheets\04_Typical Sections\20-00108-00-PV_SHT_Typical Sections_01.dgn

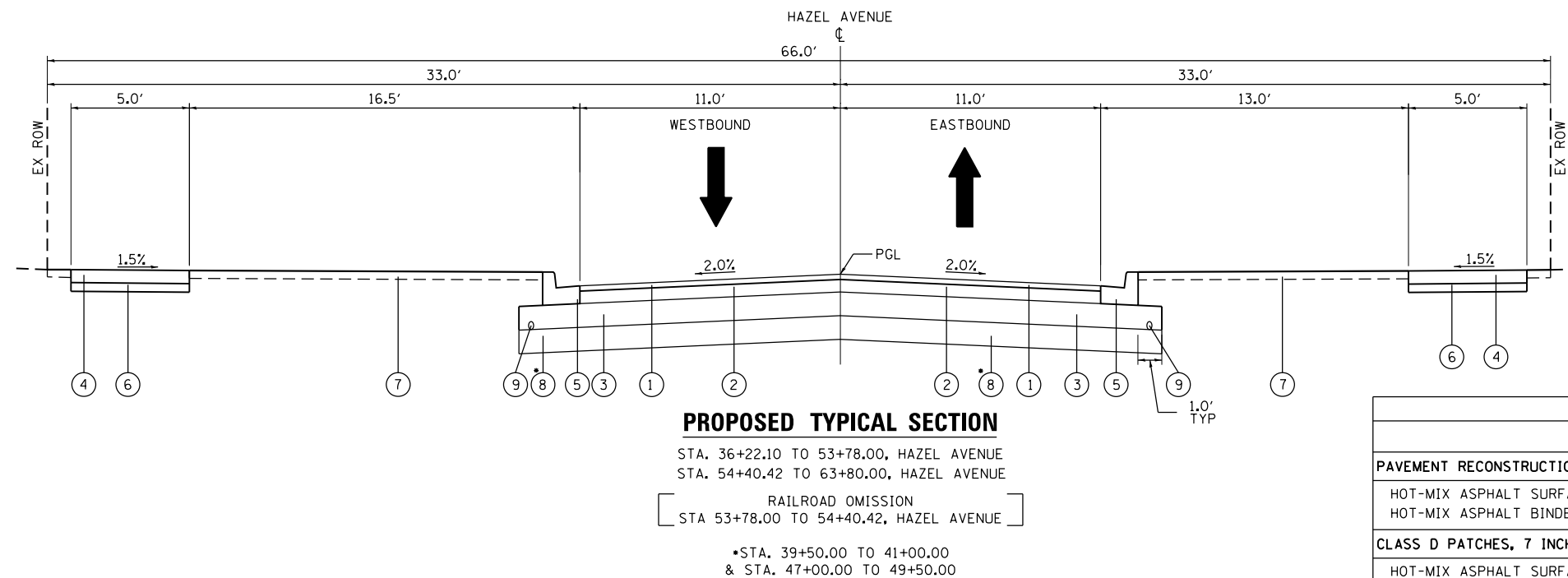
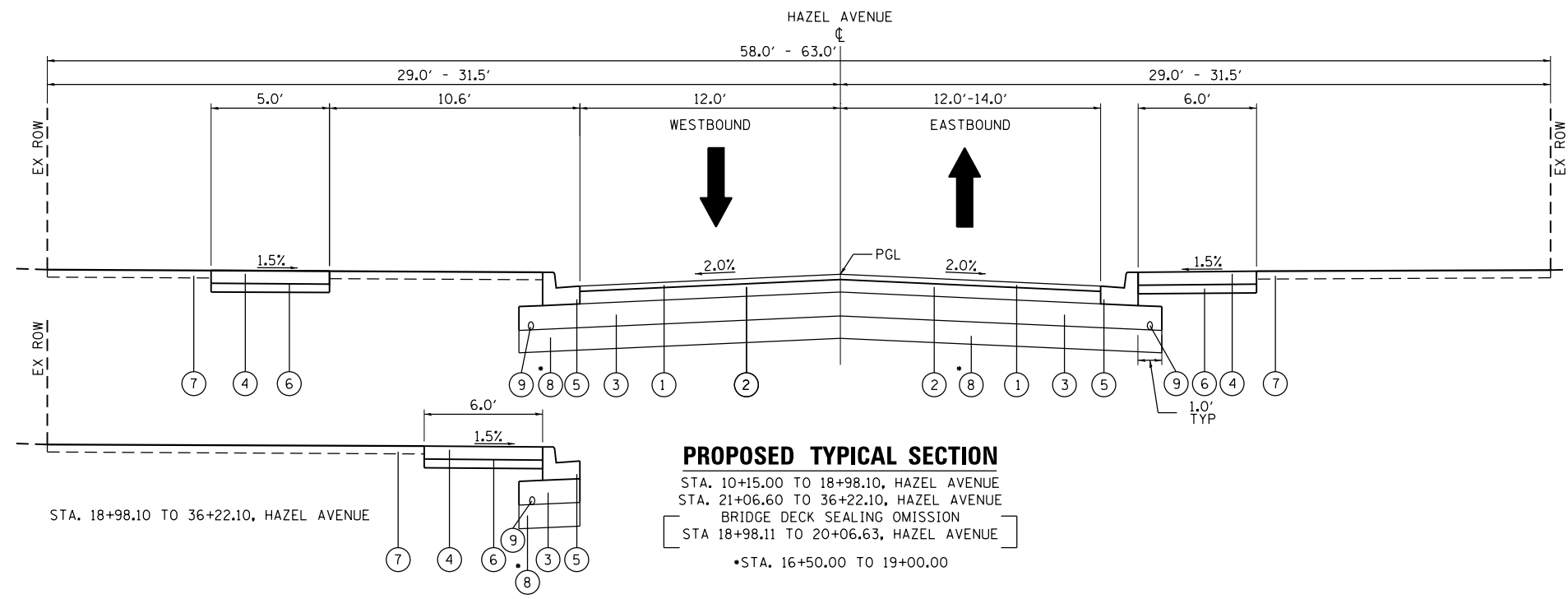


USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HAZEL AVENUE IMPROVEMENTS EXISTING TYPICAL SECTIONS			
SCALE: NTS	SHEET 1 OF 2 SHEETS	STA. N/A TO STA. N/A	

F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221	SHEET NO. 18
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



PROPOSED LEGEND

- ① PR. HOT MIX ASPHALT SURFACE COURSE, MIX D, IL-9.5, N50; 1.75"
 - ② PR. HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50; 5.25"
 - ③ PR. AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ **PR. PORTLAND CEMENT CONCRETE SIDEWALK, 5"
 - ⑤ PR. COMBINATION CONCRETE CURB AND GUTTER, TY B-6.12
 - ⑥ PR. AGGREGATE BASE COURSE, TY B, 4"
 - ⑦ PR. TOPSOIL EXCAVATION AND PLACEMENT/ TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH & SODDING, SALT TOLERANT
 - ⑧ PR. UNDERCUT (AGGREGATE SUBGRADE IMPROVEMENT)
 - ⑨ PR. PIPE UNDERDRAINS, TYPE 2, 4"
- **PORTLAND CEMENT CONCRETE SIDEWALK, 6" THRU DRIVEWAYS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50; 1-3/4"	4% @ 50 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5 1/4"	4% @ 50 GYR	LR 1030-2
CLASS D PATCHES, 7 INCH (SPECIAL)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5"	4% @ 50 GYR	LR 1030-2
HMA DRIVEWAY PAVEMENT, 3 INCH (PE)		
HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50; 3" (IN 2 LIFTS)	4% @ 50 GYR	LR 1030-2
HMA DRIVEWAY PAVEMENT, 4 INCH (CE)		
HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50; 4" (IN 2 LIFTS)	4% @ 50 GYR	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA, THE "AC TYPE" SHALL BE "PG 64-22," UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

MODEL: Default; FILE NAME: E:\090-006 - Hazel Avenue Phase II_Deerfield\CADD_Sheets\04_Typical Sections\02.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HAZEL AVENUE IMPROVEMENTS PROPOSED TYPICAL SECTIONS			
SCALE: NTS	SHEET 2 OF 2 SHEETS	STA. N/A TO STA. N/A	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	19
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

STATION	STATION	PAVEMENT REMOVAL (SQ YD)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	SIDEWALK REMOVAL (SQ FT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	FENCE REMOVAL (FOOT)
10+15.00	15+00.00	1,439	674	242	102	-
15+00.00	21+00.00	1,611	1,047	2,346	128	78
21+00.00	27+00.00	2,004	1,244	3,759	156	-
27+00.00	32+50.00	1,752	1,155	3,318	264	-
32+50.00	38+50.00	2,226	1,264	2,985	197	-
38+50.00	44+50.00	1,730	1,225	3,310	172	-
44+50.00	50+50.00	1,831	1,364	4,520	189	-
50+50.00	56+50.00	1,990	1,164	3,887	109	-
56+50.00	62+00.00	1,325	1,132	3,855	249	-
62+00.00	63+87.00	758	378	1,035	-	-
TOTAL		16,666	10,647	29,257	1,566	78

TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
STATION	OFFSET (LT/RT)	QUANTITY (UNIT)
12+50.80	18.73 RT	10
26+31.58	23.29 RT	10
27+66.92	20.69 RT	10
38+25.87	16.57 RT	12
40+28.28	22.72 LT	12
TOTAL		54

REMOVE AND REINSTALL BRICK PAVER		
STATION	(LT/RT)	QUANTITY (SQ FT)
20+64.97	LT	22
21+61.63	LT	68
26+14.86	LT	34
26+74.53	LT	150
27+28.04	RT	492
28+24.38	LT	32
31+15.69	LT	65
32+11.12	LT	50
32+30.14	RT	32
35+46.54	RT	41
40+46.69	LT	69
51+88.02	RT	309
TOTAL		1364

TREE REMOVAL (OVER 15 UNITS DIAMETER)		
STATION	OFFSET (LT/RT)	QUANTITY (UNIT)
15+91.38	18.30 LT	37
17+11.58	16.57 LT	36
20+17.22	20.27 RT	25
20+97.83	20.59 RT	16
21+35.99	20.37 LT	32
24+86.87	23.17 LT	19
24+86.87	23.17 LT	29
26+31.75	23.11 RT	18
26+54.93	22.68 RT	18
29+01.96	20.18 RT	20
29+29.73	19.83 RT	20
29+56.00	19.14 RT	19
30+71.05	21.40 LT	34
31+38.92	21.44 LT	34
34+03.41	24.53 LT	30
34+63.09	21.37 LT	30
34+98.45	21.18 LT	26
35+80.08	20.76 LT	30
44+12.55	19.37 LT	48
44+73.86	21.59 LT	30
44+92.93	20.61 RT	20
45+77.76	21.95 LT	22
46+30.26	21.80 LT	39
TOTAL		632

THERMOPLASTIC PAVEMENT MARKINGS						
STATION	STATION	LETTER & SYMBOLS (SQ FT)	4 INCH LINE (FOOT)	6 INCH LINE (FOOT)	12 INCH LINE (FOOT)	24 INCH LINE (FOOT)
10+15.00	15+00.00	-	-	97	198	15
15+00.00	21+00.00	-	-	147	-	28
21+00.00	27+00.00	-	-	258	-	45
27+00.00	32+50.00	-	-	174	-	30
32+50.00	38+50.00	-	-	46	-	72
38+50.00	44+50.00	-	-	147	-	33
44+50.00	50+50.00	-	-	41	-	38
50+50.00	56+50.00	199	160	410	-	120
56+50.00	62+00.00	-	67	91	-	30
62+00.00	63+87.00	41	278	147	-	32
TOTAL		240	505	1,557	198	441

PORTLAND CEMENT CONCRETE DRIVEWAYS			
STATION	(LT/RT)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	AGGREGATE BASE COURSE, TYPE B, 4 INCH (SQ YD)
13+19.68	LT	23	23
13+94.58	LT	18	18
14+94.92	LT	23	23
16+21.30	LT	18	18
17+24.18	RT	12	12
29+42.76	RT	20	20
30+53.51	RT	24	24
38+51.83	RT	16	16
39+17.95	LT	20	20
39+27.16	RT	31	31
39+89.38	LT	20	20
41+22.86	RT	22	22
43+67.94	LT	21	21
45+01.45	RT	28	28
47+88.68	LT	22	22
48+26.91	RT	20	20
48+41.03	LT	18	18
51+32.25	LT	49	49
51+62.34	RT	31	31
57+12.08	LT	70	70
57+03.61	RT	32	32
60+95.32	LT	31	31
61+87.35	LT	19	19
TOTAL		587	587

CLASS D PATCHES, 7 INCH (SPECIAL)			
STATION	OFFSET	TYPE	QUANTITY (SQ YD)
12+37.76	16.96 RT	IV	48
15+74.31	17.75 RT	III	15

RELOCATE EXISTING LIGHT POLE		
STATION	OFFSET	EACH
30+26.24	24.95 LT	1
32+95.47	25.38 LT	1
55+37.13	16.88 LT	1
TOTAL		3

HOT-MIX ASPHALT DRIVEWAYS				
STATION	(LT/RT)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD)	AGGREGATE BASE COURSE, TYPE B, 6 INCH (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) (POUND)
11+57.70	LT	11	11	5
12+27.35	LT	20	20	9
12+78.78	LT	24	24	11
16+21.71	RT	16	16	7
17+28.24	LT	18	18	8
19+88.11	LT	41	41	18
20+64.81	LT	10	10	4
21+61.63	LT	12	12	5
21+62.18	RT	5	5	2
23+12.07	LT	11	11	5
24+55.91	LT	21	21	9
24+95.55	LT	9	9	4
25+28.36	LT	14	14	6
25+57.73	LT	13	13	6
26+14.86	LT	13	13	6
26+44.22	RT	17	17	7
27+80.88	LT	11	11	5
28+24.38	LT	16	16	7
28+56.35	LT	10	10	5
31+15.69	LT	26	26	12
31+66.92	RT	18	18	8
32+11.12	LT	25	25	11
32+30.14	RT	11	11	5
34+42.00	LT	27	27	12
34+45.56	RT	18	18	8
35+13.38	LT	24	24	11
35+46.54	RT	17	17	8
35+49.69	LT	23	23	10
37+40.81	RT	31	31	14
37+56.25	LT	30	30	14
40+46.69	LT	27	27	12
41+77.00	RT	18	18	8
42+28.90	RT	20	20	9
45+90.88	RT	20	20	9
46+45.44	LT	26	26	12
46+63.13	LT	24	24	11
48+90.63	RT	30	30	14
TOTAL		709	709	319

PAVEMENT														
STATION	STATION	AGGREGATE SUBGRADE IMPROVEMENT (CU YD)	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SQ YD)	AGGREGATE SUBGRADE IMPROVEMENT, 12" (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (TON)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (TON)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	PROTECTIVE COAT (SQ YD)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FOOT)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (SQ FT)	AGGREGATE BASE COURSE, TYPE B, 4 INCH (SQ YD)	DETECTABLE WARNINGS (SQ FT)	CHAIN LINK FENCE, 4" (FOOT)
10+15.00	15+00.00	-	-	1,621	138	413	1,265	252	688	587	14	67	43	-
15+00.00	21+00.00	372	1,230	1,849	157	472	1,446	651	1,028	3,577	385	440	63	78
21+00.00	27+00.00	-	-	2,363	196	588	1,800	1,004	1,268	6,257	776	781	87	-
27+00.00	32+50.00	-	-	2,071	170	511	1,565	959	1,154	5,231	1,183	713	63	-
32+50.00	38+50.00	-	-	2,598	218	653	1,998	820	1,310	4,776	537	590	125	-
38+50.00	44+50.00	209	739	2,172	178	533	1,633	774	1,263	3,600	202	422	40	-
44+50.00	50+50.00	274	934	2,316	189	567	1,735	882	1,354	4,659	350	557	140	-
50+50.00	56+50.00	-	-	2,391	202	607	1,857	772	1,109	4,180	289	497	119	-
56+50.00	62+00.00	-	-	1,864	151	453	1,386	838	1,123	4,106	299	489	40	-
62+00.00	63+87.00	-	-	852	73	219	669	206	382	1,254	-	140	20	-
ADDITIONAL QUANTITY TO BE USED AT ENGINEERS DISCRETION		214	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL		1,069	2,903	20,097	1,672	5,016	15,354	7,158	10,679	38,227	4,035	4,696	740	78

MODEL: D:\p1\11\11090-006 - Hazel Avenue Phase II.Dwg\Bldg\CADD_Sheets\05_Schedule\050000-00-PV.dwg - SCHEDULE5.dgn
 FILE NAME: 11090-006 - Hazel Avenue Phase II.Dwg\Bldg\CADD_Sheets\05_Schedule\050000-00-PV.dwg - SCHEDULE5.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES**

SCALE: N/A SHEET 1 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	20
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

PROTECTION OF EXISTING TREES					
STATION	OFFSET	STAGE	CHAIN LINK FENCE, 4'	TREE ROOT PRUNING	TREE TRUNK PROTECTION
			(FOOT)	(EACH)	(EACH)
13+03.74	19.27 LT	1	31	1	1
14+76.86	20.75 LT	1	31	1	1
15+30.45	18.94 LT	1	31	1	1
17+46.63	17.12 LT	1	31	1	1
18+10.26	15.71 LT	1	31	1	1
22+28.00	28.78 RT	2	31	1	1
22+96.62	27.08 LT	1	31	1	1
23+02.07	28.17 RT	2	31	1	1
24+28.28	29.25 LT	1	31	1	1
25+33.82	26.75 RT	2	31	1	1
25+35.74	25.84 RT	2	31	1	1
25+47.01	25.21 RT	2	31	1	1
25+59.69	24.26 RT	2	31	1	1
25+77.70	25.24 RT	2	31	1	1
25+85.68	25.92 LT	1	31	1	1
25+91.54	26.67 RT	2	31	1	1
26+16.43	24.41 RT	2	31	1	1
26+56.06	26.72 RT	2	31	1	1
26+85.97	26.14 LT	1	31	1	1
29+67.45	38.95 LT	1	31	1	1
29+69.31	38.50 LT	1	31	1	1
30+15.23	51.42 LT	1	31	1	1
32+54.22	233.45 LT	1	31	1	1
32+79.40	23.37 LT	1	31	1	1
32+94.12	31.21 LT	1	31	1	1
33+66.66	36.31 LT	1	31	0	1
33+74.01	29.49 LT	1	31	0	1
34+35.37	28.83 RT	2	31	1	1
36+98.26	22.18 LT	1	31	1	1
37+17.98	15.94 RT	2	31	1	1
37+31.12	21.94 LT	1	31	1	1
37+60.17	16.61 RT	1	31	1	1
38+02.17	17.21 RT	2	31	1	1
40+28.28	22.72 LT	1	31	1	1
41+92.72	16.75 RT	2	31	1	1
44+75.31	36.72 LT	1	31	1	1
45+39.22	21.18 RT	2	31	1	1
45+67.91	19.42 RT	2	31	1	1
46+24.42	17.93 RT	2	31	1	1
46+99.25	39.57 RT	2	31	1	1
47+27.80	18.99 RT	2	31	1	1
47+55.75	19.18 RT	2	31	1	1
47+74.03	21.70 LT	1	31	1	1
47+92.01	18.41 RT	2	31	1	1
48+04.45	21.93 LT	1	31	1	1
49+11.07	20.96 R	2	31	1	1
49+37.73	19.45 RT	2	31	1	1
50+49.28	33.61 LT	1	31	1	1
50+58.21	18.19 RT	2	31	1	1
50+84.59	33.61 LT	1	31	1	1
52+16.16	19.54 RT	2	31	1	1
55+68.65	18.36 LT	3	31	1	1
56+10.02	17.28 LT	3	31	1	1
56+51.02	16.98 LT	3	31	1	1
58+11.89	21.22 RT	3	31	1	1
58+31.78	19.59 RT	3	31	1	1
58+33.76	21.73 LT	3	31	1	1
58+52.97	20.33 RT	3	31	1	1
58+63.32	23.77 LT	3	31	1	1
58+74.93	19.89 RT	3	31	1	1
59+14.61	41.24 LT	3	31	1	1
59+15.71	36.86 LT	3	31	1	1
59+18.35	42.36 LT	3	31	1	1
59+18.94	38.06 LT	3	31	1	1
59+19.59	37.19 LT	3	31	1	1
59+25.69	34.10 LT	3	31	1	1

PROTECTION OF EXISTING TREES					
STATION	OFFSET	STAGE	CHAIN LINK FENCE, 4'	TREE ROOT PRUNING	TREE TRUNK PROTECTION
			(FOOT)	(EACH)	(EACH)
59+43.43	22.70 RT	3	31	1	1
59+65.10	22.17 RT	3	31	1	1
59+51.13	33.07 LT	3	31	1	1
59+62.85	33.77 LT	3	31	1	1
59+64.63	20.80 LT	3	31	1	1
59+85.21	20.98 LT	3	31	1	1
59+86.66	33.43 LT	3	31	1	1
60+02.13	33.47 LT	3	31	1	1
60+15.85	33.80 LT	3	31	1	1
60+21.94	22.21 RT	3	31	1	1
60+21.95	23.74 RT	3	31	1	1
60+51.62	21.01 LT	3	31	1	1
61+25.26	18.21 LT	3	31	1	1
63+40.00	21.94 LT	3	31	1	1
63+73.09	21.33 LT	3	31	1	1
TOTAL			2543	79	81

LOCATIONS OF PROPOSED TREES			
STATION	OFFSET	SPECIES	QUANTITY (EACH)
12+50.80	18.73 LT	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	1
15+31.05	19.10 LT	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	1
15+64.54	19.36 T	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	1
15+91.57	18.37 LT	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	1
17+12.20	18.53 LT	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED	1
17+47.00	18.58 LT	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	1
20+97.89	22.61 RT	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	1
21+36.11	23.43 LT	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	1
21+84.99	23.84 LT	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	1
23+98.10	23.54 LT	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED	1
24+77.32	23.58 LT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	1
25+07.98	23.98 LT	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED	1
26+28.97	24.26 RT	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	1
26+58.31	24.25 RT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	1
26+94.07	24.10 RT	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	1
27+61.30	24.20 RT	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED	1
29+27.68	24.68 RT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	1
29+58.24	24.99 RT	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	1
34+16.15	26.55 LT	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	1
30+44.87	25.40 LT	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED	1

LOCATIONS OF PROPOSED TREES			
STATION	OFFSET	SPECIES	QUANTITY (EACH)
30+92.48	25.90 LT	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	1
31+48.39	25.45 LT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	1
31+92.75	25.62 LT	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED	1
34+16.15	26.55 LT	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED	1
34+63.09	26.74 LT	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	1
34+93.78	26.76 LT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	1
35+80.50	26.80 LT	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED	1
37+76.85	19.40 RT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	1
38+25.62	19.38 RT	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	1
38+87.56	19.21 RT	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED	1
44+05.27	20.54 LT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	1
44+34.45	19.76 LT	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	1
44+75.67	38.86 LT	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	1
44+88.99	20.33 RT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	1
45+66.21	19.81 LT	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	1
46+17.30	19.84 LT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	1
46+83.65	19.87 LT	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	1
47+48.05	20.73 LT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	1
48+16.69	20.76 LT	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	1

MODEL: Default
 FILE: Model: 10090-006 - Hazel Avenue Phase II Overlay CADD_Schedule00108-00-PV.dwg - SCHEDULES.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 3 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	22
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
10+15	7.2				
		9.3	35.00	325.50	12.06
10+50	11.4				
		10.05	50.00	502.50	18.61
11+00	8.7				
		8.95	58.03	519.37	19.24
11+58	9.2				
		11.1	41.97	465.87	17.25
12+00	13.0				
		10.15	27.76	281.76	10.44
12+28	7.3				
		8.9	22.24	197.94	7.33
12+50	10.5				
		7.55	29.04	219.25	8.12
12+79	4.6				
		5.95	20.96	124.71	4.62
13+00	7.3				
		7	19.61	137.27	5.08
13+20	6.7				
		6.05	30.39	183.86	6.81
13+50	5.4				
		7.9	44.06	348.07	12.89
13+94	10.4				
		9.25	5.94	54.95	2.04
14+00	8.1				
		6.6	50.00	330.00	12.22
14+50	5.1				
		5.8	44.92	260.54	9.65
14+95	6.5				
		7.25	55.08	399.33	14.79
15+50	8.0				
		12.85	50.00	642.50	23.80
16+00	17.7				
		33.2	21.30	707.16	26.19
16+21	48.7				
		60.7	28.70	1742.09	64.52
16+50	72.7				
		51.8	20.52	1062.94	39.37
16+71	30.9				
		27.55	29.48	812.17	30.08
17+00	24.2				
		23.75	26.62	632.22	23.42
17+27	23.3				
		21.8	23.38	509.68	18.88
17+50	20.3				
		21.75	50.00	1087.50	40.28
18+00	23.2				
		21.2	34.92	740.30	27.42
18+35	19.2				
		10.4	15.08	156.83	5.81
18+50	1.6				
		4.6	50.00	230.00	8.52
19+00	7.6				
BRIDGE OMISSION - STA. 19+28.23 TO 19+76.52					
20+00	8.2				
		9.25	50.00	462.50	17.13
20+50	10.3				
		8.85	14.87	131.60	4.87
20+65	7.4				
		10	35.13	351.30	13.01
21+00	12.6				
		11.5	33.00	379.50	14.06
21+33	10.4				
		10.85	30.85	334.72	12.40
21+64	11.3				
		13.95	36.15	504.29	18.68
22+00	16.6				
		15.15	50.00	757.50	28.06
22+50	13.7				
		21.55	50.00	1077.50	39.91
23+00	29.4				
		28.75	32.20	925.75	34.29
23+32	28.1				
		20.7	17.80	368.46	13.65
23+50	13.3				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
10+15	0.4				
		0.35	35.00	12.25	0.45
10+50	0.3				
		0.2	50.00	10.00	0.37
11+00	0.1				
		0.75	58.03	43.52	1.61
11+58	1.4				
		0.75	41.97	31.48	1.17
12+00	0.1				
		0.65	27.76	18.04	0.67
12+28	1.2				
		0.7	22.24	15.57	0.58
12+50	0.2				
		1.65	29.04	47.92	1.77
12+79	3.1				
		1.6	20.96	33.54	1.24
13+00	0.1				
		0.85	19.61	16.67	0.62
13+20	1.6				
		0.9	30.39	27.35	1.01
13+50	0.2				
		0.15	44.06	6.61	0.24
13+94	0.1				
		1.55	5.94	9.21	0.34
14+00	3.0				
		1.65	50.00	82.50	3.06
14+50	0.3				
		1.05	44.92	47.17	1.75
14+95	1.8				
		1.4	55.08	77.11	2.86
15+50	1.0				
		0.85	50.00	42.50	1.57
16+00	0.7				
		0.35	21.30	7.45	0.28
16+21	0.0				
		0	28.70	0.00	0.00
16+50	0.0				
		0.05	20.52	1.03	0.04
16+71	0.1				
		0.1	29.48	2.95	0.11
17+00	0.1				
		0.35	26.62	9.32	0.35
17+27	0.6				
		0.9	23.38	21.04	0.78
17+50	1.2				
		1	50.00	50.00	1.85
18+00	0.8				
		2.6	34.92	90.79	3.36
18+35	4.4				
		2.35	15.08	35.44	1.31
18+50	0.3				
		0.15	50.00	7.50	0.28
19+00	0.0				
BRIDGE OMISSION - STA. 19+28.23 TO 19+76.52					
20+00	0.4				
		0.25	50.00	12.50	0.46
20+50	0.1				
		0.85	14.87	12.64	0.47
20+65	1.6				
		1.45	35.13	50.94	1.89
21+00	1.3				
		0.7	33.00	23.10	0.86
21+33	0.1				
		0.1	30.85	3.08	0.11
21+64	0.1				
		0.05	36.15	1.81	0.07
22+00	0.0				
		0.2	50.00	10.00	0.37
22+50	0.4				
		0.3	50.00	15.00	0.56
23+00	0.2				
		0.15	32.20	4.83	0.18
23+32	0.1				
		0.05	17.80	0.89	0.03
23+50	0.0				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
10+15	2.4				
		2.45	35.00	85.75	3.18
10+50	2.5				
		1.25	50.00	62.50	2.31
11+00	0.0				
		2.8	58.03	162.48	6.02
11+58	5.6				
		2.8	41.97	117.52	4.35
12+00	0.0				
		1.3	27.76	36.09	1.34
12+28	2.6				
		1.3	22.24	28.91	1.07
12+50	0.0				
		1.7	29.04	49.37	1.83
12+79	3.4				
		1.7	20.96	35.63	1.32
13+00	0.0				
		2.75	19.61	53.93	2.00
13+20	5.5				
		2.75	30.39	83.57	3.10
13+50	0.0				
		0	44.06	0.00	0.00
13+94	0.0				
		2.8	5.94	16.63	0.62
14+00	5.6				
		2.8	50.00	140.00	5.19
14+50	0.0				
		2.9	44.92	130.27	4.82
14+95	5.8				
		4.15	55.08	228.58	8.47
15+50	2.5				
		1.6	50.00	80.00	2.96
16+00	0.7				
		1.75	21.30	37.27	1.38
16+21	2.8				
		1.4	28.70	40.18	1.49
16+50	0.0				
		2.05	20.52	42.07	1.56
16+71	4.1				
		2.05	29.48	60.43	2.24
17+00	0.0				
		2.35	26.62	62.56	2.32
17+27	4.7				
		4.65	23.38	108.72	4.03
17+50	4.6				
		4.45	50.00	222.50	8.24
18+00	4.3				
		4.35	34.92	151.90	5.63
18+35	4.4				
		2.6	15.08	39.21	1.45
18+50	0.8				
		0.4	50.00	20.00	0.74
19+00	0.0				
BRIDGE OMISSION - STA. 19+28.23 TO 19+76.52					
20+00	5.8				
		2.9	50.00	145.00	5.37
20+50	0.0				
		2.9	14.87	43.12	1.60
20+65	5.8				
		5.55	35.13	194.97	7.22
21+00	5.3				
		2.65	33.00	87.45	3.24
21+33	0.0				
		1.4	30.85	43.19	1.60
21+64	2.8				
		4.45	36.15	160.87	5.96
22+00	6.1				
		5.1	50.00	255.00	9.44
22+50	4.1				
		2.05	50.00	102.50	3.80
23+00	0.0				
		0	32.20	0.00	0.00
23+32	0.0				
		1.7	17.80	30.26	1.12
23+50	3.4				

MODEL: D:\p1\11090-006 - Hazel Avenue Phase II_Driver\B\CADD_Sheets\05_Schedule\20-00108-00-PV_Plot - SCHEDULES.dgn
 FILE NAME: P:\11090-006 - Hazel Avenue Phase II_Driver\B\CADD_Sheets\05_Schedule\20-00108-00-PV_Plot - SCHEDULES.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 7 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	25
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
		13.55	50.00	677.50	25.09
24+00	13.8				
		14.5	55.91	810.69	30.03
24+56	15.2				
		12.2	41.96	511.91	18.96
24+98	9.2				
		12.05	30.49	367.40	13.61
25+28	14.9				
		13.55	21.64	293.22	10.86
25+50	12.2				
		10.7	7.73	82.71	3.06
25+58	9.2				
		10.75	42.27	454.40	16.83
26+00	12.3				
		10.05	14.87	149.44	5.53
26+15	7.8				
		9.55	29.35	280.29	10.38
26+44	11.3				
		9.35	30.16	282.00	10.44
26+74	7.4				
		7.25	25.62	185.74	6.88
27+00	7.1				
		6.45	7.97	51.41	1.90
27+08	5.8				
		7.2	39.92	287.42	10.65
27+48	8.6				
		7.05	33.32	234.91	8.70
27+81	5.5				
		6.75	18.79	126.83	4.70
28+00	8.0				
		7.5	28.02	210.15	7.78
28+28	7.0				
		7.15	21.98	157.16	5.82
28+50	7.3				
		7.1	6.35	45.08	1.67
28+56	6.9				
		7.95	43.65	347.02	12.85
29+00	9.0				
		19.05	42.75	814.39	30.16
29+43	29.1				
		19	53.52	1016.88	37.66
29+96	8.9				
		8.7	57.39	499.29	18.49
30+54	8.5				
		11.15	46.34	516.69	19.14
31+00	13.8				
		10.95	15.90	174.11	6.45
31+16	8.1				
		8.05	34.10	274.50	10.17
31+50	8.0				
		8	16.92	135.36	5.01
31+67	8.0				
		9.6	33.08	317.57	11.76
32+00	11.2				
		9.8	11.18	109.56	4.06
32+11	8.4				
		8.55	18.96	162.11	6.00
32+30	8.7				
		12.6	19.86	250.24	9.27
32+50	16.5				
		22.65	50.00	1132.50	41.94
33+00	28.8				
		28.9	28.84	833.48	30.87
33+29	29.0				
		18.15	21.16	384.05	14.22
33+50	7.3				
		8.75	50.00	437.50	16.20
34+00	10.2				
		10	42.00	420.00	15.56
34+42	9.8				
		10.65	58.00	617.70	22.88
35+00	11.5				
		10.6	13.68	145.01	5.37
35+14	9.7				
		8.2	35.63	292.17	10.82
35+49	6.7				
		18.6	50.69	942.83	34.92

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
		1.3	50.00	65.00	2.41
24+00	2.6				
		1.3	55.91	72.68	2.69
24+56	0.0				
		0	41.96	0.00	0.00
24+98	0.0				
		0	30.49	0.00	0.00
25+28	0.0				
		0.05	21.64	1.08	0.04
25+50	0.1				
		0.85	7.73	6.57	0.24
25+58	1.6				
		0.8	42.27	33.82	1.25
26+00	0.0				
		0.8	14.87	11.90	0.44
26+15	1.6				
		0.85	29.35	24.95	0.92
26+44	0.1				
		1.3	30.16	39.21	1.45
26+74	2.5				
		2.4	25.62	61.49	2.28
27+00	2.3				
		2.3	7.97	18.33	0.68
27+08	2.3				
		1.15	39.92	45.91	1.70
27+48	0.0				
		1.5	33.32	49.98	1.85
27+81	3.0				
		2.8	18.79	52.61	1.95
28+00	2.6				
		1.5	28.02	42.03	1.56
28+28	0.4				
		0.25	21.98	5.50	0.20
28+50	0.1				
		1.3	6.35	8.25	0.31
28+56	2.5				
		1.7	43.65	74.21	2.75
29+00	0.9				
		0.5	42.75	21.38	0.79
29+43	0.1				
		0.2	53.52	10.70	0.40
29+96	0.3				
		0.55	57.39	31.56	1.17
30+54	0.8				
		0.4	46.34	18.54	0.69
31+00	0.0				
		0.65	15.90	10.34	0.38
31+16	1.3				
		2.35	34.10	80.13	2.97
31+50	3.4				
		3.75	16.92	63.45	2.35
31+67	4.1				
		2.1	33.08	69.47	2.57
32+00	0.1				
		1.15	11.18	12.86	0.48
32+11	2.2				
		1.6	18.96	30.34	1.12
32+30	1.0				
		0.5	19.86	9.93	0.37
32+50	0.0				
		0.1	50.00	5.00	0.19
33+00	0.2				
		0.15	28.84	4.33	0.16
33+29	0.1				
		0.95	21.16	20.10	0.74
33+50	1.8				
		0.9	50.00	45.00	1.67
34+00	0.0				
		0	42.00	0.00	0.00
34+42	0.0				
		0	58.00	0.00	0.00
35+00	0.0				
		0.05	13.68	0.68	0.03
35+14	0.1				
		1.2	35.63	42.76	1.58
35+49	2.3				
		1.2	50.69	60.83	2.25

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
		1.7	50.00	85.00	3.15
24+00	0.0				
		0	55.91	0.00	0.00
24+56	0.0				
		0	41.96	0.00	0.00
24+98	0.0				
		0	30.49	0.00	0.00
25+28	0.0				
		0	21.64	0.00	0.00
25+50	0.0				
		2.9	7.73	22.42	0.83
25+58	5.8				
		2.9	42.27	122.58	4.54
26+00	0.0				
		1.65	14.87	24.54	0.91
26+15	3.3				
		1.65	29.35	48.43	1.79
26+44	0.0				
		2.6	30.16	78.42	2.90
26+74	5.2				
		4.7	25.62	120.41	4.46
27+00	4.2				
		4.95	7.97	39.45	1.46
27+08	5.7				
		2.85	39.92	113.77	4.21
27+48	0.0				
		2.9	33.32	96.63	3.58
27+81	5.8				
		2.9	18.79	54.49	2.02
28+00	0.0				
		2.95	28.02	82.66	3.06
28+28	5.9				
		2.95	21.98	64.84	2.40
28+50	0.0				
		2.8	6.35	17.78	0.66
28+56	5.6				
		5.55	43.65	242.26	8.97
29+00	5.5				
		2.75	42.75	117.56	4.35
29+43	0.0				
		1.75	53.52	93.66	3.47
29+96	3.5				
		3.8	57.39	218.08	8.08
30+54	4.1				
		2.05	46.34	95.00	3.52
31+00	0.0				
		3.05	15.90	48.50	1.80
31+16	6.1				
		7.15	34.10	243.81	9.03
31+50	8.2				
		8.2	16.92	138.74	5.14
31+67	8.2				
		4.1	33.08	135.63	5.02
32+00	0.0				
		3.4	11.18	38.01	1.41
32+11	6.8				
		5.55	18.96	105.23	3.90
32+30	4.3				
		3.55	19.86	70.50	2.61
32+50	2.8				
		1.4	50.00	70.00	2.59
33+00	0.0				
		1.75	28.84	50.47	1.87
33+29	3.5				
		5.85	21.16	123.79	4.58
33+50	8.2				
		4.1	50.00	205.00	7.59
34+00	0.0				
		4.15	42.00	174.30	6.46
34+42	8.3				
		4.15	58.00	240.70	8.91
35+00	0.0				
		0	13.68	0.00	0.00
35+14	0.0				
		4.15	35.63	147.86	5.48
35+49	8.3				
		4.15	50.69	210.36	7.79

MODEL: D:\p1\11\2024\06 - Hazel Avenue Phase II\Drawings\CADD_Sheets\05_Schedule\05_00108-00-PV_Plot - SCHEDULES.dgn
 FILE NAME: E:\2024\06 - Hazel Avenue Phase II\Drawings\CADD_Sheets\05_Schedule\05_00108-00-PV_Plot - SCHEDULES.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES**

SCALE: N/A SHEET 8 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	26
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
36+00	30.5				
		24.35	44.59	1085.77	40.21
36+45	18.2				
		15	14.49	217.35	8.05
36+59	11.8				
		10.9	40.92	446.03	16.52
37+00	10.0				
		11.7	40.72	476.42	17.65
37+41	13.4				
		12.55	15.53	194.90	7.22
37+56	11.7				
		24.5	43.75	1071.88	39.70
38+00	37.3				
		24.9	26.22	652.88	24.18
38+26	12.5				
		12.3	25.61	315.00	11.67
38+52	12.1				
		13.95	48.17	671.97	24.89
39+00	15.8				
		13.85	17.95	248.61	9.21
39+18	11.9				
		18.25	9.21	168.08	6.23
39+27	24.6				
		24.7	22.84	564.15	20.89
39+50	24.8				
		29.75	16.32	485.52	17.98
39+66	34.7				
		28.55	23.27	664.36	24.61
39+90	22.4				
		24.65	10.41	256.61	9.50
40+00	26.9				
		27.25	21.60	588.60	21.80
40+22	27.6				
		24.95	24.98	623.25	23.08
40+47	22.3				
		17.15	53.42	916.15	33.93
41+00	12.0				
		17.45	22.86	398.91	14.77
41+23	22.9				
		28.55	27.14	774.85	28.70
41+50	34.2				
		31.55	16.14	509.22	18.86
41+66	28.9				
		19.7	10.72	211.18	7.82
41+77	10.5				
		11.3	23.14	261.48	9.68
42+00	12.1				
		11.9	28.90	343.91	12.74
42+29	11.7				
		12.05	21.10	254.26	9.42
42+50	12.4				
		12.3	50.00	615.00	22.78
43+00	12.2				
		14.4	50.00	720.00	26.67
43+50	16.6				
		14.95	17.18	256.84	9.51
43+67	13.3				
		13.85	32.82	454.56	16.84
44+00	14.4				
		29.45	50.00	1472.50	54.54
44+50	44.5				
		27.8	50.00	1390.00	51.48
45+00	11.1				
		12.05	50.00	602.50	22.31
45+50	13.0				
		12.45	40.94	509.70	18.88
45+91	11.9				
		11.85	9.06	107.36	3.98
46+00	11.8				
		10.55	45.43	479.29	17.75
46+45	9.3				
		7.65	17.69	135.33	5.01
46+63	6.0				
		11.8	16.82	198.48	7.35
46+80	17.6				
		17.35	20.06	348.04	12.89
47+00	17.1				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
36+00	0.1				
		0.25	44.59	11.15	0.41
36+45	0.4				
		0.2	14.49	2.90	0.11
36+59	0.0				
		0	40.92	0.00	0.00
37+00	0.0				
		0	40.72	0.00	0.00
37+41	0.0				
		0.05	15.53	0.78	0.03
37+56	0.1				
		0.1	43.75	4.38	0.16
38+00	0.1				
		1.3	26.22	34.09	1.26
38+26	2.5				
		2.25	25.61	57.62	2.13
38+52	2.0				
		1	48.17	48.17	1.78
39+00	0.0				
		0.1	17.95	1.79	0.07
39+18	0.2				
		0.2	9.21	1.84	0.07
39+27	0.2				
		0.2	22.84	4.57	0.17
39+50	0.2				
		0.1	16.32	1.63	0.06
39+66	0.0				
		0.5	23.27	11.64	0.43
39+90	1.0				
		0.5	10.41	5.20	0.19
40+00	0.0				
		0	21.60	0.00	0.00
40+22	0.0				
		0.2	24.98	5.00	0.19
40+47	0.4				
		0.3	53.42	16.03	0.59
41+00	0.2				
		2.7	22.86	61.72	2.29
41+23	5.2				
		2.7	27.14	73.28	2.71
41+50	0.2				
		0.2	16.14	3.23	0.12
41+66	0.2				
		0.2	10.72	2.14	0.08
41+77	0.2				
		0.35	23.14	8.10	0.30
42+00	0.5				
		1.5	28.90	43.35	1.61
42+29	2.5				
		1.25	21.10	26.38	0.98
42+50	0.0				
		0	50.00	0.00	0.00
43+00	0.0				
		0.05	50.00	2.50	0.09
43+50	0.1				
		0.05	17.18	0.86	0.03
43+67	0.0				
		0.35	32.82	11.49	0.43
44+00	0.7				
		0.45	50.00	22.50	0.83
44+50	0.2				
		0.25	50.00	12.50	0.46
45+00	0.3				
		0.15	50.00	7.50	0.28
45+50	0.0				
		0	40.94	0.00	0.00
45+91	0.0				
		0	9.06	0.00	0.00
46+00	0.0				
		0.05	45.43	2.27	0.08
46+45	0.1				
		3.2	17.69	56.61	2.10
46+63	6.3				
		7.45	16.82	125.31	4.64
46+80	8.6				
		6.6	20.06	132.40	4.90
47+00	4.6				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
36+00	0.0				
		2.4	44.59	107.02	3.96
36+45	4.8				
		6.45	14.49	93.46	3.46
36+59	8.1				
		7.9	40.92	323.27	11.97
37+00	7.7				
		3.85	40.72	156.77	5.81
37+41	0.0				
		3.6	15.53	55.91	2.07
37+56	7.2				
		3.6	43.75	157.50	5.83
38+00	0.0				
		4	26.22	104.88	3.88
38+26	8.0				
		8.25	25.61	211.28	7.83
38+52	8.5				
		4.25	48.17	204.72	7.58
39+00	0.0				
		4.25	17.95	76.29	2.83
39+18	8.5				
		8.55	9.21	78.75	2.92
39+27	8.6				
		8.6	22.84	196.42	7.27
39+50	8.6				
		4.3	16.32	70.18	2.60
39+66	0.0				
		3.9	23.27	90.75	3.36
39+90	7.8				
		8.2	10.41	85.36	3.16
40+00	8.6				
		4.3	21.60	92.88	3.44
40+22	0.0				
		3.9	24.98	97.42	3.61
40+47	7.8				
		8.1	53.42	432.70	16.03
41+00	8.4				
		10.2	22.86	233.17	8.64
41+23	12.0				
		6	27.14	162.84	6.03
41+50	0.0				
		0	16.14	0.00	0.00
41+66	0.0				
		3.95	10.72	42.34	1.57
41+77	7.9				
		8.25	23.14	190.91	7.07
42+00	8.6				
		8.6	28.90	248.54	9.21
42+29	8.6				
		8.55	21.10	180.41	6.68
42+50	8.5				
		8.55	50.00	427.50	15.83
43+00	8.6				
		4.3	50.00	215.00	7.96
43+50	0.0				
		4.35	17.18	74.73	2.77
43+67	8.7				
		8.75	32.82	287.17	10.64
44+00	8.8				
		4.4	50.00	220.00	8.15
44+50	0.0				
		4.25	50.00	212.50	7.87
45+00	8.5				
		8.55	50.00	427.50	15.83
45+50	8.6				
		8.6	40.94	352.08	13.04
45+91	8.6				
		4.3	9.06	38.96	1.44
46+00	0.0				
		0	45.43	0.00	0.00
46+45	0.0				
		4.35	17.69	76.95	2.85
46+63	8.7				
		8.7	16.82	146.33	5.42
46+80	8.7				
		8.65	20.06	173.52	6.43
47+00	8.6				

MODEL: Default
 FILE NAME: E:\090-006_Hazel_Avenue_Phase_II_Driver\BIDD_Schedule\20-00108-00-PV_Plot - SCHEDULES.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 9 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	27
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
60+50	0.0	0	50.00	0.00	0.00
61+00	0.0	0	50.00	0.00	0.00
61+50	0.0	0	50.00	0.00	0.00
62+00	0.0	0	50.00	0.00	0.00
62+50	0.0	0	40.00	0.00	0.00
62+90	0.0	0	10.00	0.00	0.00
63+00	0.0	0	50.00	0.00	0.00
63+50	0.0	0	22.00	0.00	0.00
63+72	0.0				
TOTAL					2,485.14

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
60+50	0.0	0	50.00	0.00	0.00
61+00	0.0	0	50.00	0.00	0.00
61+50	0.0	0	50.00	0.00	0.00
62+00	0.0	0	50.00	0.00	0.00
62+50	0.0	0	40.00	0.00	0.00
62+90	0.0	0	10.00	0.00	0.00
63+00	0.0	0	50.00	0.00	0.00
63+50	0.0	0	22.00	0.00	0.00
63+72	0.0				
TOTAL					123.01

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 1					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
60+50	0.0	0	50.00	0.00	0.00
61+00	0.0	0	50.00	0.00	0.00
61+50	0.0	0	50.00	0.00	0.00
62+00	0.0	0	50.00	0.00	0.00
62+50	0.0	0	40.00	0.00	0.00
62+90	0.0	0	10.00	0.00	0.00
63+00	0.0	0	50.00	0.00	0.00
63+50	0.0	0	22.00	0.00	0.00
63+72	0.0				
TOTAL					637.86

MODEL: D:\p1\11\11030-006 - Hazel Avenue Phase II_Deerfield\CADD_Sheets\05_Schedule\20-00108-00-PV_Plt - SCHEDULES.dgn
 FILE NAME: P:\030-006 - Hazel Avenue Phase II_Deerfield\CADD_Sheets\05_Schedule\20-00108-00-PV_Plt - SCHEDULES.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0001 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 11 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	29
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 2					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
10+15	7.2				
		7.35	35.00	257.25	9.53
10+50	7.5				
		9.45	50.00	472.50	17.50
11+00	11.4				
		10.05	58.03	583.20	21.60
11+58	8.7				
		8.95	41.97	375.63	13.91
12+00	9.2				
		11.1	27.76	308.14	11.41
12+28	13.0				
		10.15	22.24	225.74	8.36
12+50	7.3				
		8.9	29.04	258.46	9.57
12+79	10.5				
		7.55	20.96	158.25	5.86
13+00	4.6				
		5.95	19.61	116.68	4.32
13+20	7.3				
		7	30.39	212.73	7.88
13+50	6.7				
		6.05	44.06	266.56	9.87
13+94	5.4				
		7.9	5.94	46.93	1.74
14+00	10.4				
		9.25	50.00	462.50	17.13
14+50	8.1				
		6.6	44.92	296.47	10.98
14+95	5.1				
		5.8	55.08	319.46	11.83
15+50	6.5				
		7.25	50.00	362.50	13.43
16+00	8.0				
		12.85	21.30	273.70	10.14
16+21	17.7				
		33.2	28.70	952.84	35.29
16+50	48.7				
		60.7	20.52	1245.56	46.13
16+71	72.7				
		51.8	29.48	1527.06	56.56
17+00	30.9				
		27.55	26.62	733.38	27.16
17+27	24.2				
		23.75	23.38	555.28	20.57
17+50	23.3				
		21.8	50.00	1090.00	40.37
18+00	20.3				
		21.75	34.92	759.51	28.13
18+35	23.2				
		21.2	15.08	319.70	11.84
18+50	19.2				
		10.4	50.00	520.00	19.26
19+00	1.6				
BRIDGE OMISSION - STA. 19+28.23 TO 19+76.52					
20+00	7.6				
		7.9	50.00	395.00	14.63
20+50	8.2				
		9.25	14.87	137.55	5.09
20+65	10.3				
		8.85	35.13	310.90	11.51
21+00	7.4				
		10	33.00	330.00	12.22
21+33	12.6				
		11.5	30.85	354.77	13.14
21+64	10.4				
		10.85	36.15	392.23	14.53
22+00	11.3				
		13.95	50.00	697.50	25.83
22+50	16.6				
		15.15	50.00	757.50	28.06
23+00	13.7				
		21.55	32.20	693.91	25.70
23+32	29.4				
		28.75	17.80	511.75	18.95
23+50	28.1				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 2					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
10+15	0.7				
		0.7	35.00	24.50	0.91
10+50	0.7				
		0.4	50.00	20.00	0.74
11+00	0.1				
		0.1	58.03	5.80	0.21
11+58	0.1				
		0.2	41.97	8.39	0.31
12+00	0.3				
		0.3	27.76	8.33	0.31
12+28	0.3				
		1.4	22.24	31.14	1.15
12+50	2.5				
		1.4	29.04	40.66	1.51
12+79	0.3				
		0.25	20.96	5.24	0.19
13+00	0.2				
		0.1	19.61	1.96	0.07
13+20	0.0				
		0	30.39	0.00	0.00
13+50	0.0				
		0.05	44.06	2.20	0.08
13+94	0.1				
		0.1	5.94	0.59	0.02
14+00	0.1				
		0.1	50.00	5.00	0.19
14+50	0.1				
		0.1	44.92	4.49	0.17
14+95	0.1				
		0.1	55.08	5.51	0.20
15+50	0.1				
		0.15	50.00	7.50	0.28
16+00	0.2				
		0.45	21.30	9.58	0.35
16+21	0.7				
		0.8	28.70	22.96	0.85
16+50	0.9				
		0.6	20.52	12.31	0.46
16+71	0.3				
		0.15	29.48	4.42	0.16
17+00	0.0				
		1.1	26.62	29.28	1.08
17+27	2.2				
		1.25	23.38	29.23	1.08
17+50	0.3				
		0.45	50.00	22.50	0.83
18+00	0.6				
		0.4	34.92	13.97	0.52
18+35	0.2				
		0.1	15.08	1.51	0.06
18+50	0.0				
		0.05	50.00	2.50	0.09
19+00	0.1				
BRIDGE OMISSION - STA. 19+28.23 TO 19+76.52					
20+00	0.7				
		0.45	50.00	22.50	0.83
20+50	0.2				
		0.25	14.87	3.72	0.14
20+65	0.3				
		0.95	35.13	33.37	1.24
21+00	1.6				
		0.8	33.00	26.40	0.98
21+33	0.0				
		0	30.85	0.00	0.00
21+64	0.0				
		0.35	36.15	12.65	0.47
22+00	0.7				
		0.35	50.00	17.50	0.65
22+50	0.0				
		1.1	50.00	55.00	2.04
23+00	2.2				
		2.4	32.20	77.28	2.86
23+32	2.6				
		2.6	17.80	46.28	1.71
23+50	2.6				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 2					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
10+15	2.4				
		2.4	35.00	84.00	3.11
10+50	2.4				
		2.45	50.00	122.50	4.54
11+00	2.5				
		1.25	58.03	72.54	2.69
11+58	0.0				
		2.8	41.97	117.52	4.35
12+00	5.6				
		2.8	27.76	77.73	2.88
12+28	0.0				
		1.3	22.24	28.91	1.07
12+50	2.6				
		1.3	29.04	37.75	1.40
12+79	0.0				
		1.7	20.96	35.63	1.32
13+00	3.4				
		1.7	19.61	33.34	1.23
13+20	0.0				
		2.75	30.39	83.57	3.10
13+50	5.5				
		2.75	44.06	121.17	4.49
13+94	0.0				
		0	5.94	0.00	0.00
14+00	0.0				
		2.8	50.00	140.00	5.19
14+50	5.6				
		2.8	44.92	125.78	4.66
14+95	0.0				
		2.9	55.08	159.73	5.92
15+50	5.8				
		4.15	50.00	207.50	7.69
16+00	2.5				
		1.6	21.30	34.08	1.26
16+21	0.7				
		1.75	28.70	50.23	1.86
16+50	2.8				
		1.4	20.52	28.73	1.06
16+71	0.0				
		2.05	29.48	60.43	2.24
17+00	4.1				
		2.05	26.62	54.57	2.02
17+27	0.0				
		2.35	23.38	54.94	2.03
17+50	4.7				
		4.65	50.00	232.50	8.61
18+00	4.6				
		4.45	34.92	155.39	5.76
18+35	4.3				
		4.35	15.08	65.60	2.43
18+50	4.4				
		2.6	50.00	130.00	4.81
19+00	0.8				
BRIDGE OMISSION - STA. 19+28.23 TO 19+76.52					
20+00	0.0				
		2.9	50.00	145.00	5.37
20+50	5.8				
		2.9	14.87	43.12	1.60
20+65	0.0				
		2.9	35.13	101.88	3.77
21+00	5.8				
		5.55	33.00	183.15	6.78
21+33	5.3				
		2.65	30.85	81.75	3.03
21+64	0.0				
		1.4	36.15	50.61	1.87
22+00	2.8				
		4.45	50.00	222.50	8.24
22+50	6.1				
		5.1	50.00	255.00	9.44
23+00	4.1				
		2.05	32.20	66.01	2.44
23+32	0.0				
		0	17.80	0.00	0.00
23+50	0.0				

MODEL: Default
 FILE NAME: E:\090-006 - Hazel Avenue Phase II_Driver\B\CADD_Sheets\05_Schedule\20-00108-00-PV_Plot - SCHEDULES.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 12 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	30
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 2					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
		20.7	50.00	1035.00	38.33
24+00	13.3				
		13.55	55.91	757.58	28.06
24+56	13.8				
		14.5	41.96	608.42	22.53
24+98	15.2				
		12.2	30.49	371.98	13.78
25+28	9.2				
		12.05	21.64	260.76	9.66
25+50	14.9				
		13.55	7.73	104.74	3.88
25+58	12.2				
		10.7	42.27	452.29	16.75
26+00	9.2				
		10.75	14.87	159.85	5.92
26+15	12.3				
		10.05	29.35	294.97	10.92
26+44	7.8				
		9.55	30.16	288.03	10.67
26+74	11.3				
		9.35	25.62	239.55	8.87
27+00	7.4				
		7.25	7.97	57.78	2.14
27+08	7.1				
		6.45	39.92	257.48	9.54
27+48	5.8				
		7.2	33.32	239.90	8.89
27+81	8.6				
		7.05	18.79	132.47	4.91
28+00	5.5				
		6.75	28.02	189.14	7.01
28+28	8.0				
		7.5	21.98	164.85	6.11
28+50	7.0				
		7.15	6.35	45.40	1.68
28+56	7.3				
		7.1	43.65	309.92	11.48
29+00	6.9				
		7.95	42.75	339.86	12.59
29+43	9.0				
		19.05	53.52	1019.56	37.76
29+96	29.1				
		19	57.39	1090.41	40.39
30+54	8.9				
		8.7	46.34	403.16	14.93
31+00	8.5				
		11.15	15.90	177.29	6.57
31+16	13.8				
		10.95	34.10	373.39	13.83
31+50	8.1				
		8.05	16.92	136.21	5.04
31+67	8.0				
		8	33.08	264.64	9.80
32+00	8.0				
		9.6	11.18	107.33	3.98
32+11	11.2				
		9.8	18.96	185.81	6.88
32+30	8.4				
		8.55	19.86	169.80	6.29
32+50	8.7				
		12.6	50.00	630.00	23.33
33+00	16.5				
		22.65	28.84	653.23	24.19
33+29	28.8				
		28.9	21.16	611.52	22.65
33+50	29.0				
		18.15	50.00	907.50	33.61
34+00	7.3				
		8.75	42.00	367.50	13.61
34+42	10.2				
		10	58.00	580.00	21.48
35+00	9.8				
		10.65	13.68	145.69	5.40
35+14	11.5				
		10.6	35.63	377.68	13.99
35+49	9.7				
		8.2	50.69	415.66	15.39
36+00	6.7				
		18.6	44.59	829.37	30.72

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 2					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
		2.15	50.00	107.50	3.98
24+00	1.7				
		1.3	55.91	72.68	2.69
24+56	0.9				
		0.45	41.96	18.88	0.70
24+98	0.0				
		0.65	30.49	19.82	0.73
25+28	1.3				
		0.9	21.64	19.48	0.72
25+50	0.5				
		0.5	7.73	3.87	0.14
25+58	0.5				
		1.05	42.27	44.38	1.64
26+00	1.6				
		0.95	14.87	14.13	0.52
26+15	0.3				
		0.15	29.35	4.40	0.16
26+44	0.0				
		1.1	30.16	33.18	1.23
26+74	2.2				
		2.85	25.62	73.02	2.70
27+00	3.5				
		1.75	7.97	13.95	0.52
27+08	0.0				
		0	39.92	0.00	0.00
27+48	0.0				
		1.65	33.32	54.98	2.04
27+81	3.3				
		2.6	18.79	48.85	1.81
28+00	1.9				
		1	28.02	28.02	1.04
28+28	0.1				
		0.05	21.98	1.10	0.04
28+50	0.0				
		1.5	6.35	9.52	0.35
28+56	3.0				
		2.35	43.65	102.58	3.80
29+00	1.7				
		0.9	42.75	38.48	1.43
29+43	0.1				
		0.45	53.52	24.08	0.89
29+96	0.8				
		0.5	57.39	28.69	1.06
30+54	0.2				
		0.95	46.34	44.02	1.63
31+00	1.7				
		1.25	15.90	19.88	0.74
31+16	0.8				
		0.65	34.10	22.16	0.82
31+50	0.5				
		0.3	16.92	5.08	0.19
31+67	0.1				
		0.25	33.08	8.27	0.31
32+00	0.4				
		0.55	11.18	6.15	0.23
32+11	0.7				
		0.35	18.96	6.64	0.25
32+30	0.0				
		0.25	19.86	4.97	0.18
32+50	0.5				
		0.25	50.00	12.50	0.46
33+00	0.0				
		0	28.84	0.00	0.00
33+29	0.0				
		0	21.16	0.00	0.00
33+50	0.0				
		2	50.00	100.00	3.70
34+00	4.0				
		2	42.00	84.00	3.11
34+42	0.0				
		0.4	58.00	23.20	0.86
35+00	0.8				
		0.75	13.68	10.26	0.38
35+14	0.7				
		0.35	35.63	12.47	0.46
35+49	0.0				
		1.7	50.69	86.17	3.19
36+00	3.4				
		1.7	44.59	75.80	2.81

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 2					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
		1.7	50.00	85.00	3.15
24+00	3.4				
		1.7	55.91	95.05	3.52
24+56	0.0				
		0	41.96	0.00	0.00
24+98	0.0				
		0	30.49	0.00	0.00
25+28	0.0				
		0	21.64	0.00	0.00
25+50	0.0				
		0	7.73	0.00	0.00
25+58	0.0				
		2.9	42.27	122.58	4.54
26+00	5.8				
		2.9	14.87	43.12	1.60
26+15	0.0				
		1.65	29.35	48.43	1.79
26+44	3.3				
		1.65	30.16	49.76	1.84
26+74	0.0				
		2.6	25.62	66.61	2.47
27+00	5.2				
		4.7	7.97	37.46	1.39
27+08	4.2				
		4.95	39.92	197.60	7.32
27+48	5.7				
		2.85	33.32	94.96	3.52
27+81	0.0				
		2.9	18.79	54.49	2.02
28+00	5.8				
		2.9	28.02	81.26	3.01
28+28	0.0				
		2.95	21.98	64.84	2.40
28+50	5.9				
		2.95	6.35	18.73	0.69
28+56	0.0				
		2.8	43.65	122.22	4.53
29+00	5.6				
		5.55	42.75	237.26	8.79
29+43	5.5				
		2.75	53.52	147.18	5.45
29+96	0.0				
		1.75	57.39	100.43	3.72
30+54	3.5				
		3.8	46.34	176.09	6.52
31+00	4.1				
		2.05	15.90	32.60	1.21
31+16	0.0				
		3.05	34.10	104.01	3.85
31+50	6.1				
		7.15	16.92	120.98	4.48
31+67	8.2				
		8.2	33.08	271.26	10.05
32+00	8.2				
		4.1	11.18	45.84	1.70
32+11	0.0				
		3.4	18.96	64.46	2.39
32+30	6.8				
		5.55	19.86	110.22	4.08
32+50	4.3				
		3.55	50.00	177.50	6.57
33+00	2.8				
		1.4	28.84	40.38	1.50
33+29	0.0				
		1.75	21.16	37.03	1.37
33+50	3.5				
		5.85	50.00	292.50	10.83
34+00	8.2				
		4.1	42.00	172.20	6.38
34+42	0.0				
		4.15	58.00	240.70	8.91
35+00	8.3				
		4.15	13.68	56.77	2.10
35+14	0.0				
		0	35.63	0.00	0.00
35+49	0.0				
		4.15	50.69	210.36	7.79
36+00	8.3				
		4.15	44.59	185.05	6.85

MODEL: Default
 FILE NAME: E:\090-006 - Hazel Avenue Phase II_DeerfieldCADD_Sheets\05_Schedule\20-00108-00-PV_Plot - SCHEDULES.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 13 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	31
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 2					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
48+00	18.6	18.4	11.35	208.84	7.73
48+27	19.5	19.05	26.91	512.64	18.99
48+41	21.1	20.3	14.10	286.23	10.60
48+50	20.4	20.75	8.99	186.54	6.91
48+91	25.4	22.9	40.63	930.43	34.46
49+00	27.1	26.25	9.37	245.96	9.11
49+50	49.6	38.35	50.00	1917.50	71.02
49+84	47.9	48.75	33.56	1636.05	60.59
49+96	23.4	35.65	12.76	454.89	16.85
50+50	19.5	21.45	53.68	1151.44	42.65
51+00	19.5	19.5	50.00	975.00	36.11
51+40	19.1	19.3	40.02	772.39	28.61
51+50	27.9	23.5	9.98	234.53	8.69
51+62	14.4	21.15	11.88	251.26	9.31
51+88	11.8	13.1	26.14	342.43	12.68
52+00	12.6	12.2	11.98	146.16	5.41
52+50	12.1	12.35	50.00	617.50	22.87
53+00	11.5	11.8	50.00	590.00	21.85
53+28	24.6	18.05	27.81	501.97	18.59
53+50	15.4	20	22.19	443.80	16.44
53+78	8.6	12	28.00	336.00	12.44
METRA RAILROAD OMISSION - STA 53+78.00 TO 54+40.00					
54+40	0.0	0	10.00	0.00	0.00
54+50	0.0	0	48.72	0.00	0.00
54+99	0.0	0	51.28	0.00	0.00
55+50	0.0	0	50.00	0.00	0.00
56+00	0.0	0	50.00	0.00	0.00
56+50	0.0	0	46.00	0.00	0.00
56+96	0.0	0	17.08	0.00	0.00
57+13	0.0	0	36.92	0.00	0.00
57+50	0.0	0	50.00	0.00	0.00
58+00	0.0	0	50.00	0.00	0.00
58+50	0.0	0	45.53	0.00	0.00
58+96	0.0	0	54.47	0.00	0.00
59+50	0.0	0	50.00	0.00	0.00
60+00	0.0	0	50.00	0.00	0.00
60+50	0.0	0	50.00	0.00	0.00
61+00	0.0	0	50.00	0.00	0.00
61+50	0.0	0	50.00	0.00	0.00

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 2					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
48+00	1.9	2.25	11.35	25.54	0.95
48+27	0.6	1.25	26.91	33.64	1.25
48+41	2.5	1.55	14.10	21.86	0.81
48+50	2.1	2.3	8.99	20.68	0.77
48+91	0.0	1.05	40.63	42.66	1.58
49+00	0.0	0	9.37	0.00	0.00
49+50	0.1	0.05	50.00	2.50	0.09
49+84	0.0	0.05	33.56	1.68	0.06
49+96	0.0	0	12.76	0.00	0.00
50+50	0.0	0	53.68	0.00	0.00
51+00	0.0	0	50.00	0.00	0.00
51+40	0.0	0	40.02	0.00	0.00
51+50	0.0	0	9.98	0.00	0.00
51+62	0.0	0	11.88	0.00	0.00
51+88	0.0	0	26.14	0.00	0.00
52+00	0.0	0	11.98	0.00	0.00
52+50	0.3	0.15	50.00	7.50	0.28
53+00	0.2	0.25	50.00	12.50	0.46
53+28	0.0	0.1	27.81	2.78	0.10
53+50	0.0	0	22.19	0.00	0.00
53+78	1.4	0.7	28.00	19.60	0.73
METRA RAILROAD OMISSION - STA 53+78.00 TO 54+40.00					
54+40	0.0	0	10.00	0.00	0.00
54+50	0.0	0	48.72	0.00	0.00
54+99	0.0	0	51.28	0.00	0.00
55+50	0.0	0	50.00	0.00	0.00
56+00	0.0	0	50.00	0.00	0.00
56+50	0.0	0	46.00	0.00	0.00
56+96	0.0	0	17.08	0.00	0.00
57+13	0.0	0	36.92	0.00	0.00
57+50	0.0	0	50.00	0.00	0.00
58+00	0.0	0	50.00	0.00	0.00
58+50	0.0	0	45.53	0.00	0.00
58+96	0.0	0	54.47	0.00	0.00
59+50	0.0	0	50.00	0.00	0.00
60+00	0.0	0	50.00	0.00	0.00
60+50	0.0	0	50.00	0.00	0.00
61+00	0.0	0	50.00	0.00	0.00
61+50	0.0	0	50.00	0.00	0.00

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 2					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
48+00	8.7	4.35	11.35	49.37	1.83
48+27	8.6	8.65	26.91	232.77	8.62
48+41	0.0	4.3	14.10	60.63	2.25
48+50	8.5	4.25	8.99	38.21	1.42
48+91	8.7	8.6	40.63	349.42	12.94
49+00	8.7	8.7	9.37	81.52	3.02
49+50	13.8	11.25	50.00	562.50	20.83
49+84	0.0	6.9	33.56	231.56	8.58
49+96	15.8	7.9	12.76	100.80	3.73
50+50	3.0	9.4	53.68	504.59	18.69
51+00	8.7	5.85	50.00	292.50	10.83
51+40	0.0	4.35	40.02	174.09	6.45
51+50	0.9	0.45	9.98	4.49	0.17
51+62	9.2	5.05	11.88	59.99	2.22
51+88	8.9	9.05	26.14	236.57	8.76
52+00	8.7	8.8	11.98	105.42	3.90
52+50	8.6	8.65	50.00	432.50	16.02
53+00	11.7	10.15	50.00	507.50	18.80
53+28	0.0	5.85	27.81	162.69	6.03
53+50	6.6	3.3	22.19	73.23	2.71
53+78	1.9	4.25	28.00	119.00	4.41
METRA RAILROAD OMISSION - STA 53+78.00 TO 54+40.00					
54+40	0.0	0	10.00	0.00	0.00
54+50	0.0	0	48.72	0.00	0.00
54+99	0.0	0	51.28	0.00	0.00
55+50	0.0	0	50.00	0.00	0.00
56+00	0.0	0	50.00	0.00	0.00
56+50	0.0	0	46.00	0.00	0.00
56+96	0.0	0	17.08	0.00	0.00
57+13	0.0	0	36.92	0.00	0.00
57+50	0.0	0	50.00	0.00	0.00
58+00	0.0	0	50.00	0.00	0.00
58+50	0.0	0	45.53	0.00	0.00
58+96	0.0	0	54.47	0.00	0.00
59+50	0.0	0	50.00	0.00	0.00
60+00	0.0	0	50.00	0.00	0.00
60+50	0.0	0	50.00	0.00	0.00
61+00	0.0	0	50.00	0.00	0.00
61+50	0.0	0	50.00	0.00	0.00

MODEL: Default
 FILE NAME: E:\09-006 - Hazel Avenue Phase II_Dev\Info\CADD_Sheets\05_Schedule\20-00108-00-PV_Plt - SCHEDULES.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 15 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	33
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
10+15	0.0				
	0	35.00	0.00	0.00	
10+50	0.0	0	50.00	0.00	0.00
11+00	0.0	0	58.03	0.00	0.00
11+58	0.0	0	41.97	0.00	0.00
12+00	0.0	0	27.76	0.00	0.00
12+28	0.0	0	22.24	0.00	0.00
12+50	0.0	0	29.04	0.00	0.00
12+79	0.0	0	20.96	0.00	0.00
13+00	0.0	0	19.61	0.00	0.00
13+20	0.0	0	30.39	0.00	0.00
13+50	0.0	0	44.06	0.00	0.00
13+94	0.0	0	5.94	0.00	0.00
14+00	0.0	0	50.00	0.00	0.00
14+50	0.0	0	44.92	0.00	0.00
14+95	0.0	0	55.08	0.00	0.00
15+50	0.0	0	50.00	0.00	0.00
16+00	0.0	0	21.30	0.00	0.00
16+21	0.0	0	28.70	0.00	0.00
16+50	0.0	0	20.52	0.00	0.00
16+71	0.0	0	29.48	0.00	0.00
17+00	0.0	0	26.62	0.00	0.00
17+27	0.0	0	23.38	0.00	0.00
17+50	0.0	0	50.00	0.00	0.00
18+00	0.0	0	34.92	0.00	0.00
18+35	0.0	0	15.08	0.00	0.00
18+50	0.0	0	50.00	0.00	0.00
19+00	0.0				
BRIDGE OMISSION - STA. 19+28.23 TO 19+76.52					
20+00	0.0	0	50.00	0.00	0.00
20+50	0.0	0	14.87	0.00	0.00
20+65	0.0	0	35.13	0.00	0.00
21+00	0.0	0	33.00	0.00	0.00
21+33	0.0	0	30.85	0.00	0.00
21+64	0.0	0	36.15	0.00	0.00
22+00	0.0	0	50.00	0.00	0.00
22+50	0.0	0	50.00	0.00	0.00
23+00	0.0	0	32.20	0.00	0.00
23+32	0.0	0	17.80	0.00	0.00
23+50	0.0				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
10+15	0.0				
	0	35.00	0.00	0.00	0.00
10+50	0.0	0	50.00	0.00	0.00
11+00	0.0	0	58.03	0.00	0.00
11+58	0.0	0	41.97	0.00	0.00
12+00	0.0	0	27.76	0.00	0.00
12+28	0.0	0	22.24	0.00	0.00
12+50	0.0	0	29.04	0.00	0.00
12+79	0.0	0	20.96	0.00	0.00
13+00	0.0	0	19.61	0.00	0.00
13+20	0.0	0	30.39	0.00	0.00
13+50	0.0	0	44.06	0.00	0.00
13+94	0.0	0	5.94	0.00	0.00
14+00	0.0	0	50.00	0.00	0.00
14+50	0.0	0	44.92	0.00	0.00
14+95	0.0	0	55.08	0.00	0.00
15+50	0.0	0	50.00	0.00	0.00
16+00	0.0	0	21.30	0.00	0.00
16+21	0.0	0	28.70	0.00	0.00
16+50	0.0	0	20.52	0.00	0.00
16+71	0.0	0	29.48	0.00	0.00
17+00	0.0	0	26.62	0.00	0.00
17+27	0.0	0	23.38	0.00	0.00
17+50	0.0	0	50.00	0.00	0.00
18+00	0.0	0	34.92	0.00	0.00
18+35	0.0	0	15.08	0.00	0.00
18+50	0.0	0	50.00	0.00	0.00
19+00	0.0				
BRIDGE OMISSION - STA. 19+28.23 TO 19+76.52					
20+00	0.0	0	50.00	0.00	0.00
20+50	0.0	0	14.87	0.00	0.00
20+65	0.0	0	35.13	0.00	0.00
21+00	0.0	0	33.00	0.00	0.00
21+33	0.0	0	30.85	0.00	0.00
21+64	0.0	0	36.15	0.00	0.00
22+00	0.0	0	50.00	0.00	0.00
22+50	0.0	0	50.00	0.00	0.00
23+00	0.0	0	32.20	0.00	0.00
23+32	0.0	0	17.80	0.00	0.00
23+50	0.0				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
10+15	0.0				
	0	35.00	0.00	0.00	0.00
10+50	0.0	0	50.00	0.00	0.00
11+00	0.0	0	58.03	0.00	0.00
11+58	0.0	0	41.97	0.00	0.00
12+00	0.0	0	27.76	0.00	0.00
12+28	0.0	0	22.24	0.00	0.00
12+50	0.0	0	29.04	0.00	0.00
12+79	0.0	0	20.96	0.00	0.00
13+00	0.0	0	19.61	0.00	0.00
13+20	0.0	0	30.39	0.00	0.00
13+50	0.0	0	44.06	0.00	0.00
13+94	0.0	0	5.94	0.00	0.00
14+00	0.0	0	50.00	0.00	0.00
14+50	0.0	0	44.92	0.00	0.00
14+95	0.0	0	55.08	0.00	0.00
15+50	0.0	0	50.00	0.00	0.00
16+00	0.0	0	21.30	0.00	0.00
16+21	0.0	0	28.70	0.00	0.00
16+50	0.0	0	20.52	0.00	0.00
16+71	0.0	0	29.48	0.00	0.00
17+00	0.0	0	26.62	0.00	0.00
17+27	0.0	0	23.38	0.00	0.00
17+50	0.0	0	50.00	0.00	0.00
18+00	0.0	0	34.92	0.00	0.00
18+35	0.0	0	15.08	0.00	0.00
18+50	0.0	0	50.00	0.00	0.00
19+00	0.0				
BRIDGE OMISSION - STA. 19+28.23 TO 19+76.52					
20+00	0.0	0	50.00	0.00	0.00
20+50	0.0	0	14.87	0.00	0.00
20+65	0.0	0	35.13	0.00	0.00
21+00	0.0	0	33.00	0.00	0.00
21+33	0.0	0	30.85	0.00	0.00
21+64	0.0	0	36.15	0.00	0.00
22+00	0.0	0	50.00	0.00	0.00
22+50	0.0	0	50.00	0.00	0.00
23+00	0.0	0	32.20	0.00	0.00
23+32	0.0	0	17.80	0.00	0.00
23+50	0.0				

MODEL: D:\p10\1006 - Hazel Avenue Phase II\Drawings\CADD_Sheets\05_Schedule\20-00108-00-PV_Plot - SCHEDULES.dgn
 FILE NAME: P1006-006 - Hazel Avenue Phase II\Drawings\CADD_Sheets\05_Schedule\20-00108-00-PV_Plot - SCHEDULES.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 17 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	35
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
		0	35.63	0.00	0.00
35+49	0.0				
		0	50.69	0.00	0.00
36+00	0.0				
		0	44.59	0.00	0.00
36+45	0.0				
		0	14.49	0.00	0.00
36+59	0.0				
		0	40.92	0.00	0.00
37+00	0.0				
		0	40.72	0.00	0.00
37+41	0.0				
		0	15.53	0.00	0.00
37+56	0.0				
		0	43.75	0.00	0.00
38+00	0.0				
		0	26.22	0.00	0.00
38+26	0.0				
		0	25.61	0.00	0.00
38+52	0.0				
		0	48.17	0.00	0.00
39+00	0.0				
		0	17.95	0.00	0.00
39+18	0.0				
		0	9.21	0.00	0.00
39+27	0.0				
		0	22.84	0.00	0.00
39+50	0.0				
		0	16.32	0.00	0.00
39+66	0.0				
		0	23.27	0.00	0.00
39+90	0.0				
		0	10.41	0.00	0.00
40+00	0.0				
		0	21.60	0.00	0.00
40+22	0.0				
		0	24.98	0.00	0.00
40+47	0.0				
		0	53.42	0.00	0.00
41+00	0.0				
		0	22.86	0.00	0.00
41+23	0.0				
		0	27.14	0.00	0.00
41+50	0.0				
		0	16.14	0.00	0.00
41+66	0.0				
		0	10.72	0.00	0.00
41+77	0.0				
		0	23.14	0.00	0.00
42+00	0.0				
		0	28.90	0.00	0.00
42+29	0.0				
		0	21.10	0.00	0.00
42+50	0.0				
		0	50.00	0.00	0.00
43+00	0.0				
		0	50.00	0.00	0.00
43+50	0.0				
		0	17.18	0.00	0.00
43+67	0.0				
		0	32.82	0.00	0.00
44+00	0.0				
		0	50.00	0.00	0.00
44+50	0.0				
		0	50.00	0.00	0.00
45+00	0.0				
		0	50.00	0.00	0.00
45+50	0.0				
		0	40.94	0.00	0.00
45+91	0.0				
		0	9.06	0.00	0.00
46+00	0.0				
		0	45.43	0.00	0.00
46+45	0.0				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
		0	35.63	0.00	0.00
35+49	0.0				
		0	50.69	0.00	0.00
36+00	0.0				
		0	44.59	0.00	0.00
36+45	0.0				
		0	14.49	0.00	0.00
36+59	0.0				
		0	40.92	0.00	0.00
37+00	0.0				
		0	40.72	0.00	0.00
37+41	0.0				
		0	15.53	0.00	0.00
37+56	0.0				
		0	43.75	0.00	0.00
38+00	0.0				
		0	26.22	0.00	0.00
38+26	0.0				
		0	25.61	0.00	0.00
38+52	0.0				
		0	48.17	0.00	0.00
39+00	0.0				
		0	17.95	0.00	0.00
39+18	0.0				
		0	9.21	0.00	0.00
39+27	0.0				
		0	22.84	0.00	0.00
39+50	0.0				
		0	16.32	0.00	0.00
39+66	0.0				
		0	23.27	0.00	0.00
39+90	0.0				
		0	10.41	0.00	0.00
40+00	0.0				
		0	21.60	0.00	0.00
40+22	0.0				
		0	24.98	0.00	0.00
40+47	0.0				
		0	53.42	0.00	0.00
41+00	0.0				
		0	22.86	0.00	0.00
41+23	0.0				
		0	27.14	0.00	0.00
41+50	0.0				
		0	16.14	0.00	0.00
41+66	0.0				
		0	10.72	0.00	0.00
41+77	0.0				
		0	23.14	0.00	0.00
42+00	0.0				
		0	28.90	0.00	0.00
42+29	0.0				
		0	21.10	0.00	0.00
42+50	0.0				
		0	50.00	0.00	0.00
43+00	0.0				
		0	50.00	0.00	0.00
43+50	0.0				
		0	17.18	0.00	0.00
43+67	0.0				
		0	32.82	0.00	0.00
44+00	0.0				
		0	50.00	0.00	0.00
44+50	0.0				
		0	50.00	0.00	0.00
45+00	0.0				
		0	50.00	0.00	0.00
45+50	0.0				
		0	40.94	0.00	0.00
45+91	0.0				
		0	9.06	0.00	0.00
46+00	0.0				
		0	45.43	0.00	0.00
46+45	0.0				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
		0	35.63	0.00	0.00
35+49	0.0				
		0	50.69	0.00	0.00
36+00	0.0				
		0	44.59	0.00	0.00
36+45	0.0				
		0	14.49	0.00	0.00
36+59	0.0				
		0	40.92	0.00	0.00
37+00	0.0				
		0	40.72	0.00	0.00
37+41	0.0				
		0	15.53	0.00	0.00
37+56	0.0				
		0	43.75	0.00	0.00
38+00	0.0				
		0	26.22	0.00	0.00
38+26	0.0				
		0	25.61	0.00	0.00
38+52	0.0				
		0	48.17	0.00	0.00
39+00	0.0				
		0	17.95	0.00	0.00
39+18	0.0				
		0	9.21	0.00	0.00
39+27	0.0				
		0	22.84	0.00	0.00
39+50	0.0				
		0	16.32	0.00	0.00
39+66	0.0				
		0	23.27	0.00	0.00
39+90	0.0				
		0	10.41	0.00	0.00
40+00	0.0				
		0	21.60	0.00	0.00
40+22	0.0				
		0	24.98	0.00	0.00
40+47	0.0				
		0	53.42	0.00	0.00
41+00	0.0				
		0	22.86	0.00	0.00
41+23	0.0				
		0	27.14	0.00	0.00
41+50	0.0				
		0	16.14	0.00	0.00
41+66	0.0				
		0	10.72	0.00	0.00
41+77	0.0				
		0	23.14	0.00	0.00
42+00	0.0				
		0	28.90	0.00	0.00
42+29	0.0				
		0	21.10	0.00	0.00
42+50	0.0				
		0	50.00	0.00	0.00
43+00	0.0				
		0	50.00	0.00	0.00
43+50	0.0				
		0	17.18	0.00	0.00
43+67	0.0				
		0	32.82	0.00	0.00
44+00	0.0				
		0	50.00	0.00	0.00
44+50	0.0				
		0	50.00	0.00	0.00
45+00	0.0				
		0	50.00	0.00	0.00
45+50	0.0				
		0	40.94	0.00	0.00
45+91	0.0				
		0	9.06	0.00	0.00
46+00	0.0				
		0	45.43	0.00	0.00
46+45	0.0				

MODEL: D:\p1\11\2024\06 - Hazel Avenue Phase II - Deerfield\CADD_Sheets\05 - Schedules\20-00108-00-PV - SCHEDULES.dgn



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 19 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	37
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
46+63	0.0	0	17.69	0.00	0.00
46+80	0.0	0	16.82	0.00	0.00
47+00	0.0	0	20.06	0.00	0.00
47+50	0.0	0	50.00	0.00	0.00
47+89	0.0	0	38.65	0.00	0.00
48+00	0.0	0	11.35	0.00	0.00
48+27	0.0	0	26.91	0.00	0.00
48+41	0.0	0	14.10	0.00	0.00
48+41	0.0	0	8.99	0.00	0.00
48+50	0.0	0	40.63	0.00	0.00
48+91	0.0	0	9.37	0.00	0.00
49+00	0.0	0	50.00	0.00	0.00
49+50	0.0	0	33.56	0.00	0.00
49+84	0.0	0	12.76	0.00	0.00
49+96	0.0	0	53.68	0.00	0.00
50+50	0.0	0	50.00	0.00	0.00
51+00	0.0	0	40.02	0.00	0.00
51+40	0.0	0	9.98	0.00	0.00
51+50	0.0	0	11.88	0.00	0.00
51+62	0.0	0	26.14	0.00	0.00
51+88	0.0	0	11.98	0.00	0.00
52+00	0.0	0	50.00	0.00	0.00
52+50	0.0	0	50.00	0.00	0.00
53+00	0.0	0	27.81	0.00	0.00
53+28	0.0	0	22.19	0.00	0.00
53+50	0.0	0	28.00	0.00	0.00
53+78	0.0				
METRA RAILROAD OMISSION - STA 53+78.00 TO 54+40.00					
54+40	2.6				
54+50	19.6	11.1	10.00	111.00	4.11
54+99	48.8	34.2	48.72	1666.22	61.71
55+50	23.0	35.9	51.28	1840.95	68.18
56+00	31.2	27.1	50.00	1355.00	50.19
56+50	26.5	28.85	50.00	1442.50	53.43
56+96	23.4	24.95	46.00	1147.70	42.51
57+13	21.7	22.55	17.08	385.15	14.26
57+50	22.2	21.95	36.92	810.39	30.01
58+00	18.7	20.45	50.00	1022.50	37.87
58+50	19.6	19.15	50.00	957.50	35.46

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
46+63	0.0	0	17.69	0.00	0.00
46+80	0.0	0	16.82	0.00	0.00
47+00	0.0	0	20.06	0.00	0.00
47+50	0.0	0	50.00	0.00	0.00
47+89	0.0	0	38.65	0.00	0.00
48+00	0.0	0	11.35	0.00	0.00
48+27	0.0	0	26.91	0.00	0.00
48+41	0.0	0	14.10	0.00	0.00
48+41	0.0	0	8.99	0.00	0.00
48+50	0.0	0	40.63	0.00	0.00
48+91	0.0	0	9.37	0.00	0.00
49+00	0.0	0	50.00	0.00	0.00
49+50	0.0	0	33.56	0.00	0.00
49+84	0.0	0	12.76	0.00	0.00
49+96	0.0	0	53.68	0.00	0.00
50+50	0.0	0	50.00	0.00	0.00
51+00	0.0	0	40.02	0.00	0.00
51+40	0.0	0	9.98	0.00	0.00
51+50	0.0	0	11.88	0.00	0.00
51+62	0.0	0	26.14	0.00	0.00
51+88	0.0	0	11.98	0.00	0.00
52+00	0.0	0	50.00	0.00	0.00
52+50	0.0	0	50.00	0.00	0.00
53+00	0.0	0	27.81	0.00	0.00
53+28	0.0	0	22.19	0.00	0.00
53+50	0.0	0	28.00	0.00	0.00
53+78	0.0				
METRA RAILROAD OMISSION - STA 53+78.00 TO 54+40.00					
54+40	0.0	0.75	10.00	7.50	0.28
54+50	1.5	0.75	48.72	36.54	1.35
54+99	0.0	2.2	51.28	112.82	4.18
55+50	4.4	2.2	50.00	110.00	4.07
56+00	0.0	0	50.00	0.00	0.00
56+50	0.0	0.1	46.00	4.60	0.17
56+96	0.2	0.25	17.08	4.27	0.16
57+13	0.3	0.25	36.92	9.23	0.34
57+50	0.2	1.6	50.00	80.00	2.96
58+00	3.0	3.3	50.00	165.00	6.11
58+50	3.6				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
46+63	0.0	0	17.69	0.00	0.00
46+80	0.0	0	16.82	0.00	0.00
47+00	0.0	0	20.06	0.00	0.00
47+50	0.0	0	50.00	0.00	0.00
47+89	0.0	0	38.65	0.00	0.00
48+00	0.0	0	11.35	0.00	0.00
48+27	0.0	0	26.91	0.00	0.00
48+41	0.0	0	14.10	0.00	0.00
48+41	0.0	0	8.99	0.00	0.00
48+50	0.0	0	40.63	0.00	0.00
48+91	0.0	0	9.37	0.00	0.00
49+00	0.0	0	50.00	0.00	0.00
49+50	0.0	0	33.56	0.00	0.00
49+84	0.0	0	12.76	0.00	0.00
49+96	0.0	0	53.68	0.00	0.00
50+50	0.0	0	50.00	0.00	0.00
51+00	0.0	0	40.02	0.00	0.00
51+40	0.0	0	9.98	0.00	0.00
51+50	0.0	0	11.88	0.00	0.00
51+62	0.0	0	26.14	0.00	0.00
51+88	0.0	0	11.98	0.00	0.00
52+00	0.0	0	50.00	0.00	0.00
52+50	0.0	0	50.00	0.00	0.00
53+00	0.0	0	27.81	0.00	0.00
53+28	0.0	0	22.19	0.00	0.00
53+50	0.0	0	28.00	0.00	0.00
53+78	0.0				
METRA RAILROAD OMISSION - STA 53+78.00 TO 54+40.00					
54+40	0.0	7.15	10.00	71.50	2.65
54+50	14.3	7.15	48.72	348.35	12.90
54+99	0.0	6.15	51.28	315.37	11.68
55+50	12.3	14.75	50.00	737.50	27.31
56+00	17.2	17.3	50.00	865.00	32.04
56+50	17.4	9.15	46.00	420.90	15.59
56+96	0.9	4	17.08	68.32	2.53
57+13	7.1	12.2	36.92	450.42	16.68
57+50	17.3	17.25	50.00	862.50	31.94
58+00	17.2	17.8	50.00	890.00	32.96
58+50	18.4				

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USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 20 OF 20 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	38
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
58+96	54.9	37.25	45.53	1695.99	62.81
		39.4	54.47	2146.12	79.49
59+50	23.9	23.05	50.00	1152.50	42.69
60+00	22.2	22.55	50.00	1127.50	41.76
60+50	22.9	25.35	50.00	1267.50	46.94
61+00	21.0	21.35	50.00	1067.50	39.54
61+50	27.8	24.75	50.00	1237.50	45.83
62+00	21.7	20.55	50.00	1027.50	38.06
62+50	19.4	24.5	40.00	980.00	36.30
62+90	29.6	27.25	10.00	272.50	10.09
63+00	24.9	20.8	50.00	1040.00	38.52
63+50	16.7	16.2	22.00	356.40	13.20
63+72	15.7				
TOTAL				892.96	

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
58+96	0.0	1.8	45.53	81.95	3.04
59+50	0.5	0.25	54.47	13.62	0.50
60+00	1.7	1.1	50.00	55.00	2.04
60+50	1.7	1.7	50.00	85.00	3.15
61+00	0.6	0.9	50.00	45.00	1.67
61+50	0.1	0.85	50.00	42.50	1.57
62+00	1.1	0.6	50.00	30.00	1.11
62+50	2.8	1.95	50.00	97.50	3.61
62+90	0.3	1.55	40.00	62.00	2.30
63+00	1.5	0.9	10.00	9.00	0.33
63+50	0.9	1.2	50.00	60.00	2.22
63+72	1.0	0.95	22.00	20.90	0.77
TOTAL				41.94	

HAZEL AVENUE EARTHWORK QUANTITIES - STAGE 3					
TOPSOIL REMOVAL					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
58+96	0.0	9.2	45.53	418.88	15.51
59+50	18.5	9.25	54.47	503.85	18.66
60+00	18.2	18.35	50.00	917.50	33.98
60+50	18.2	18.2	50.00	910.00	33.70
61+00	0.0	18.45	50.00	922.50	34.17
61+50	18.7	8.2	50.00	410.00	15.19
62+00	16.4	17.55	50.00	877.50	32.50
62+50	11.3	13.85	50.00	692.50	25.65
62+90	0.0	5.65	40.00	226.00	8.37
63+00	9.2	4.6	10.00	46.00	1.70
63+50	13.2	11.2	50.00	560.00	20.74
63+72	13.2	13.2	22.00	290.40	10.76
TOTAL				437.22	

EARTHWORK QUANTITIES SUMMARY TABLE																				
LOCATION	EARTH EXCAVATION (CU YD)			ADJUSTED EARTH EXCAVATION (15%) (CU YD)			EMBANKMENT (CU YD)			BALANCE WASTE (+) OR SHORTAGE (-)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (CU YD)			TOPSOIL EXCAVATION & PLACEMENT (CU YD)			REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (CU YD)	
													UNDERCUT (CU YD) (NOMINAL QTY)			TOPSOIL STRIP (CU YD)			TOPSOIL RESPREAD (CU YD)	BALANCE OF TOPSOIL (CU YD)
	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	ALL STAGES	ALL STAGES
HAZEL AVENUE	2,485.14	2,443.72	893	2,112	2,077	759	123	112	42	1,989	1,965	717	853	1,082	0	638	698	437	2,004	-231
PROJECT TOTAL	5,822			4,949			277			4,672			1,935			1,773			2,004	-231

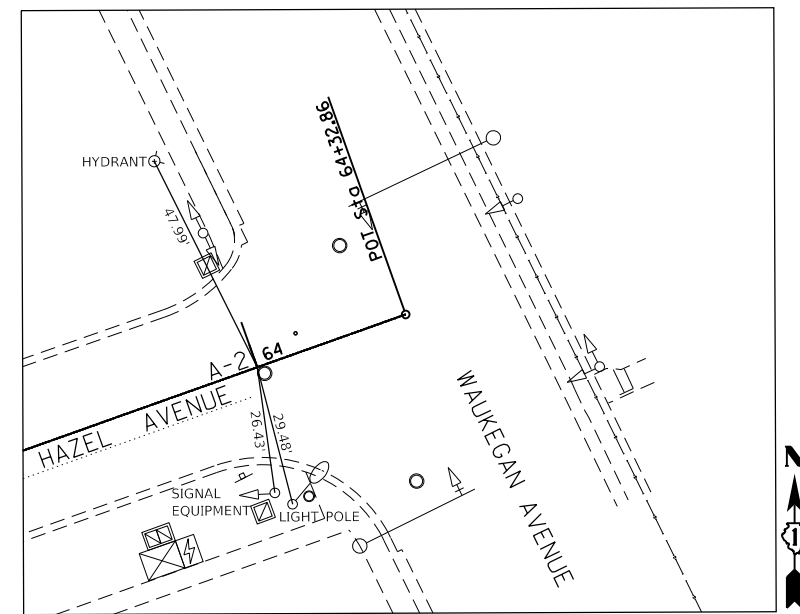
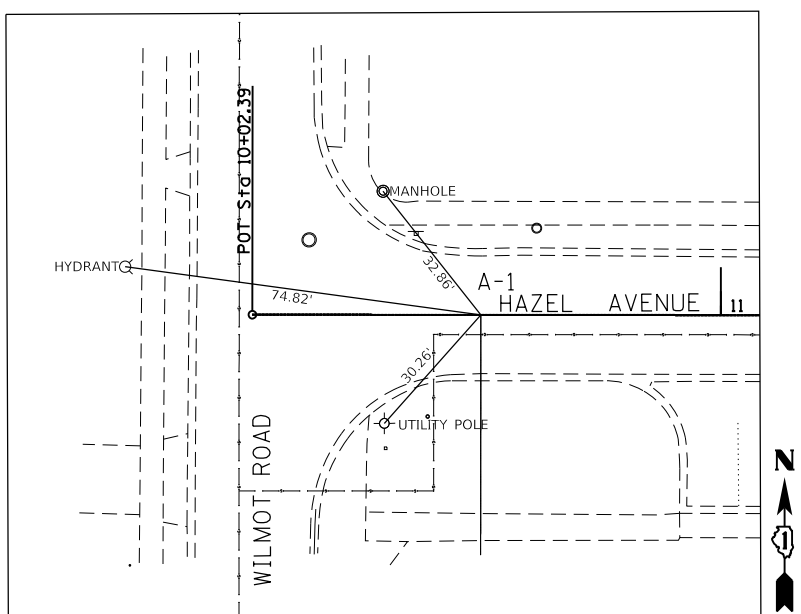
NOTES:
 CONTRACTOR SHALL STRIP AND STOCKPILE TOPSOIL UNDER PAY ITEM, TOPSOIL EXCAVATION AND PLACEMENT

CONTRACTOR TO EXCAVATE ANY NECESSARY UNDERCUT AREAS UNDER PAY ITEM REMOVAL AND DISPOSAL OF UNSUITABLE

DIFFERENCE BETWEEN TOPSOIL RESPREAD (PAID AS TOPSOIL EXCAVATION AND PLACEMENT) AND REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS TO BE HAULED OFFSITE AND PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS.

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HORIZONTAL CURVE COORDINATE TABLE- HAZEL AVENUE			
STATION	ELEMENT TYPE	NORTHING	EASTING
10+02.39	POT	2,005,273.74	1,110,649.83
18+98.11	PI	2,005,269.42	1,111,545.53
20+06.62	PI	2,005,269.10	1,111,654.05
52+84.05	PI	2,005,256.16	1,114,931.45
61+82.56	PC	2,005,248.42	1,115,829.72
62+43.80	PI	2,005,247.89	1,115,891.17
63+03.82	PT	2,005,268.19	1,115,948.95
64+32.86	POT	2,005,310.96	1,116,070.69



ALIGNMENT TIE (A-1)
 STA: 11+00.00
 HAZEL AVENUE
 N: 2,005,273.74
 E: 1,110,649.83

ALIGNMENT TIE (A-2)
 STA: 64+00.00
 HAZEL AVENUE
 N: 2,005,300.07
 E: 1,116,039.69

BM NO. 2007-62
 Stainless Steel Rod
 Elevation = +659.58
 2005220.9814 NORTH
 1112996.4300 EAST

BM NO. 2007-61
 Stainless Steel Rod
 Elevation = +699.36
 2004478.66 NORTH
 1115146.85 EAST

BEGIN IMPROVEMENTS
 STA 10+15.00

END IMPROVEMENTS
 STA 63+80.00

PROP. CURVE PR_HAZEL1
 PI STA. = 62+43.80
 Δ = 19° 51' 04" (LT)
 D = 16° 22' 13"
 R = 350.00'
 T = 61.25'
 L = 121.26'
 E = 5.32'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 61+82.56
 P.T. STA = 63+03.82

BENCHMARK 2007-62 (BM #2007-62):
 MONUMENT ON THE SOUTHEAST CORNER OF HAZEL AVENUE AND STRATFORD ROAD. ELEVATION = 699.58

BENCHMARK 2007-61 (BM #2007-61):
 MONUMENT ON THE SOUTHEAST CORNER OF CHESTNUT ST. AND WALNUT ST. IN THE PARKING ISLAND TO COMMUTER LOT.
 ELEVATION = 669.36

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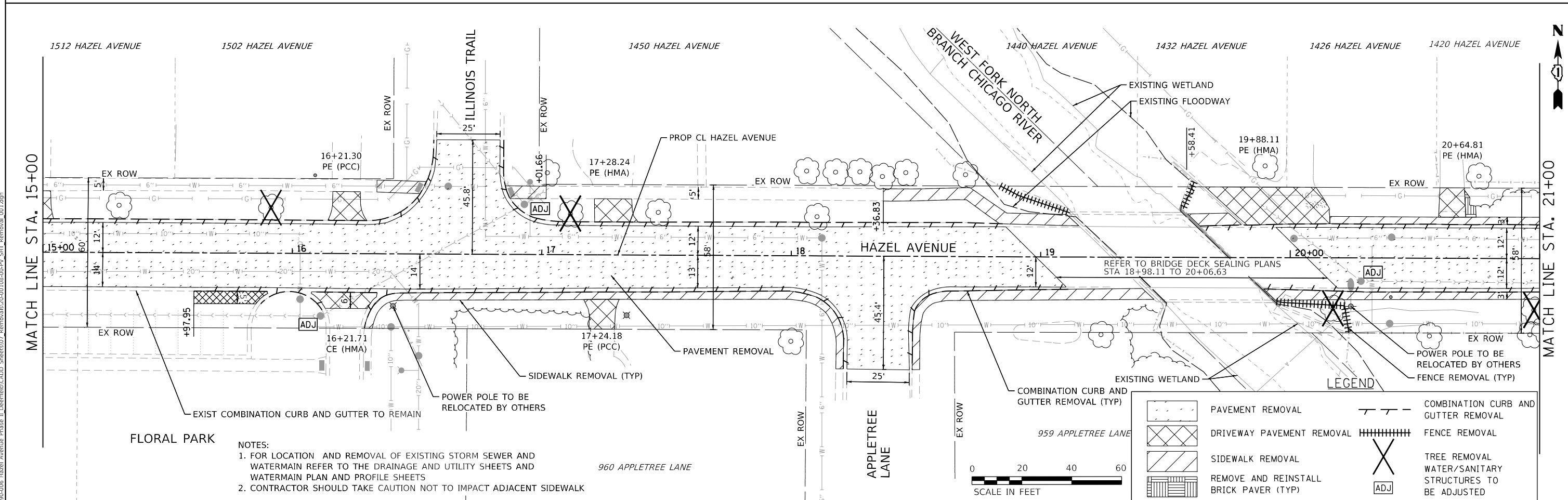
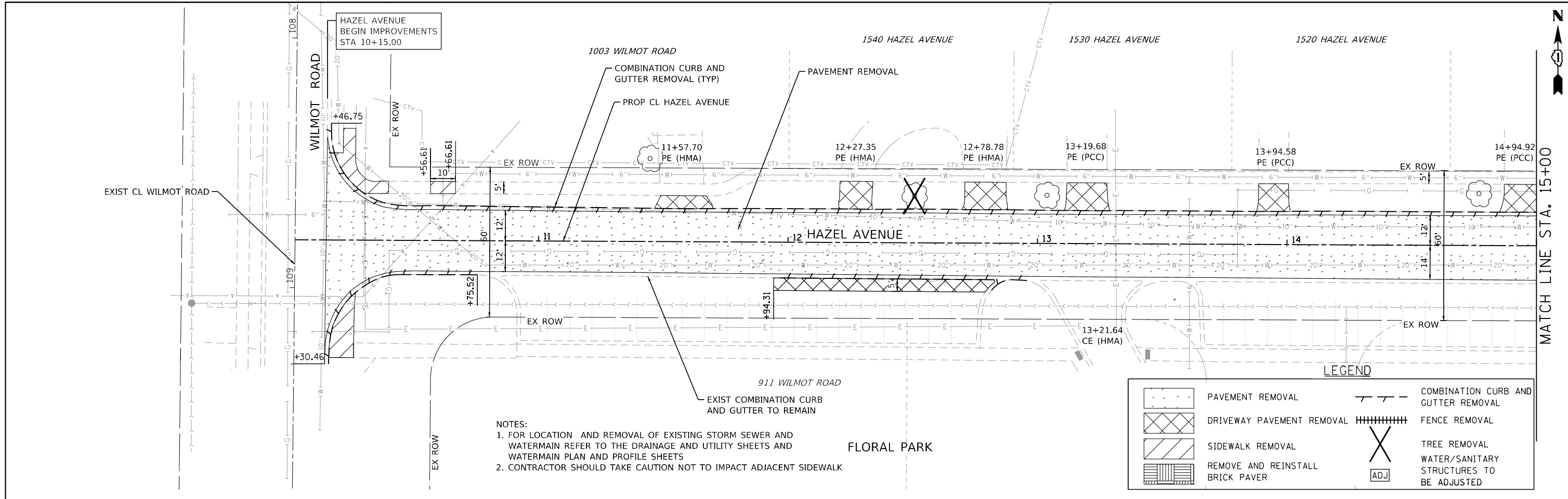


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PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

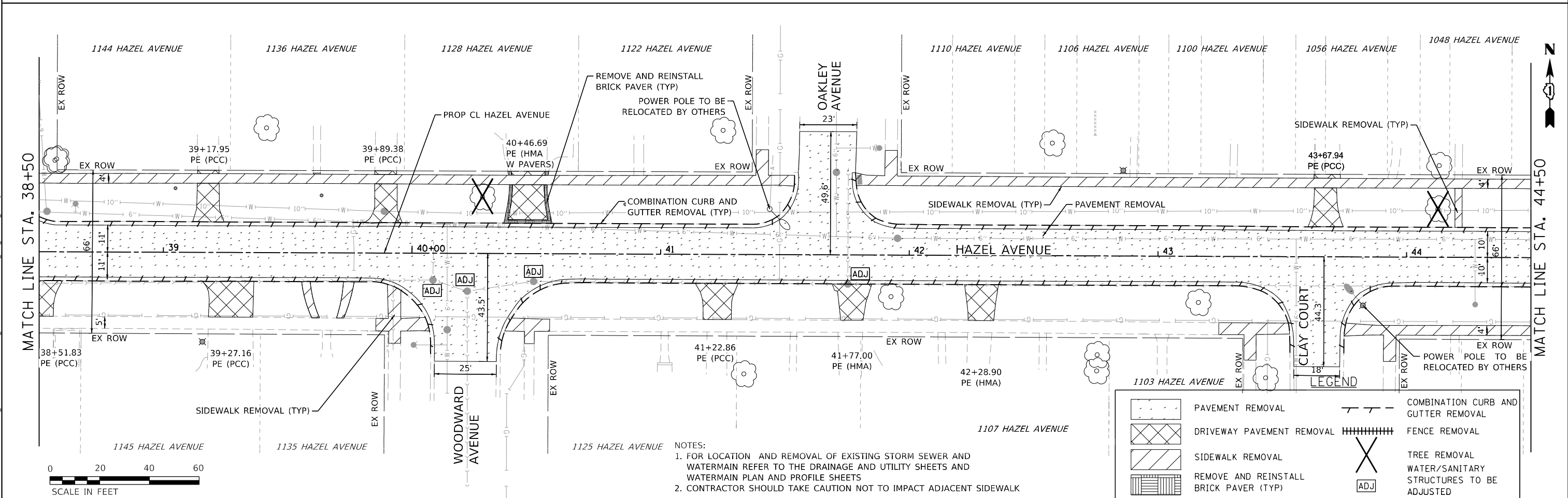
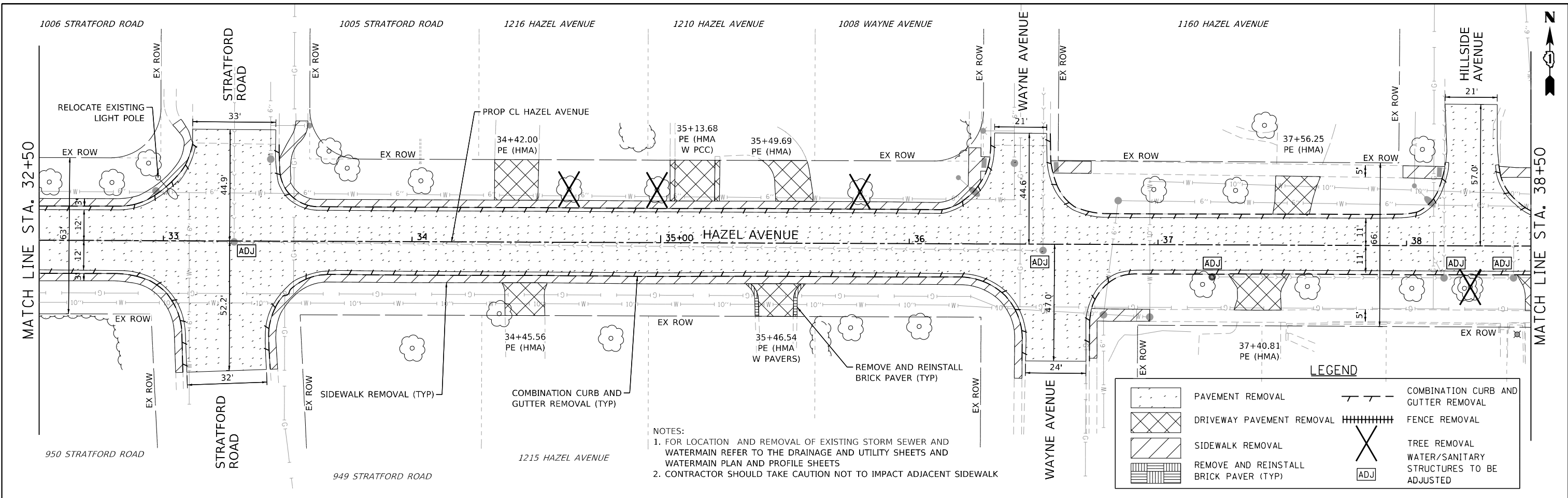
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
 ALIGNMENT, TIES AND BENCHMARK
 SCALE: 1"=100' SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	40
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



	USER NAME = gellwanger	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAZEL AVENUE IMPROVEMENTS REMOVAL PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -					1263	20-00108-00-PV	LAKE	221	41
	PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -		SCALE: 1"=20"	SHEET 1 OF 5 SHEETS	STA. 10+02.39 TO STA. 21+00	CONTRACT NO. 61K74				
								ILLINOIS FED. AID PROJECT				



MODEL: D:\p\11\1100-006_Hazel_Avenue_Phase_II_Design\1100-006_Hazel_Avenue_Phase_II_Design\1100-006-PV_Split_Removal_003.dgn
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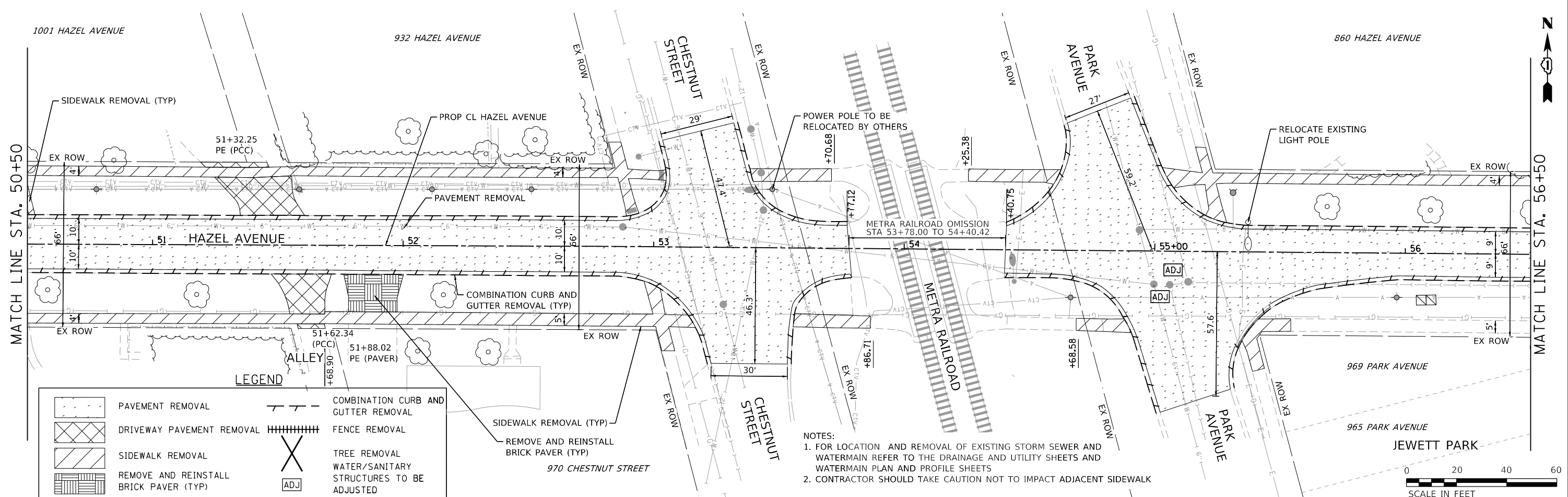
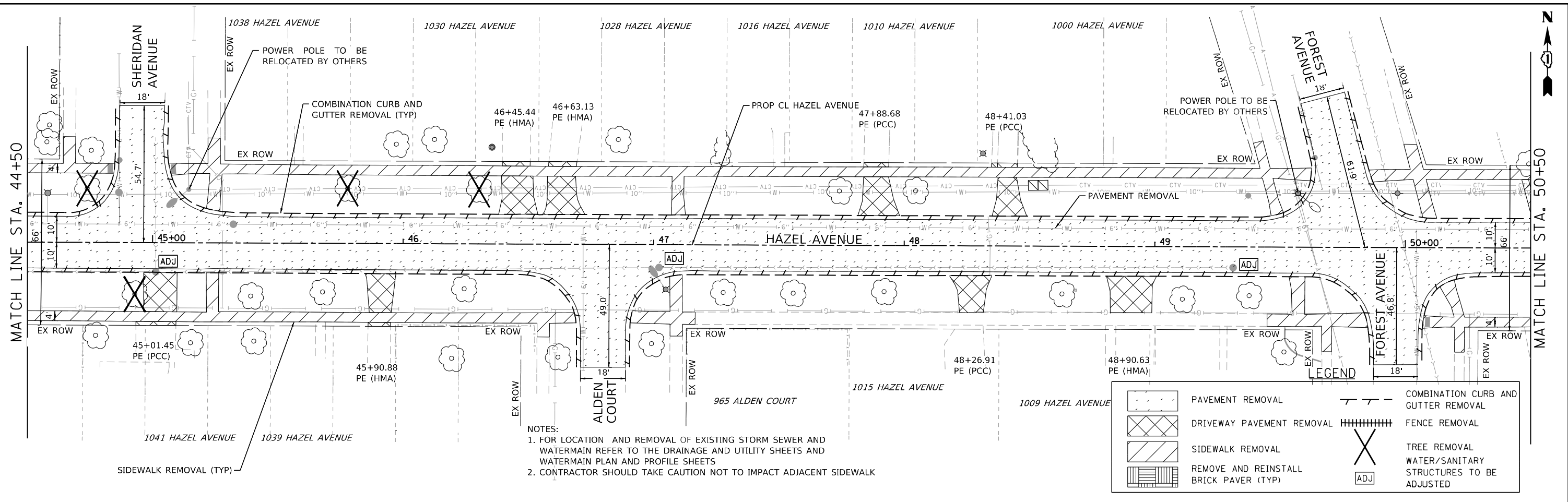
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
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	DATE = 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
REMOVAL PLAN

SCALE: 1"=20" SHEET 3 OF 5 SHEETS STA. 32+50 TO STA. 44+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	43
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



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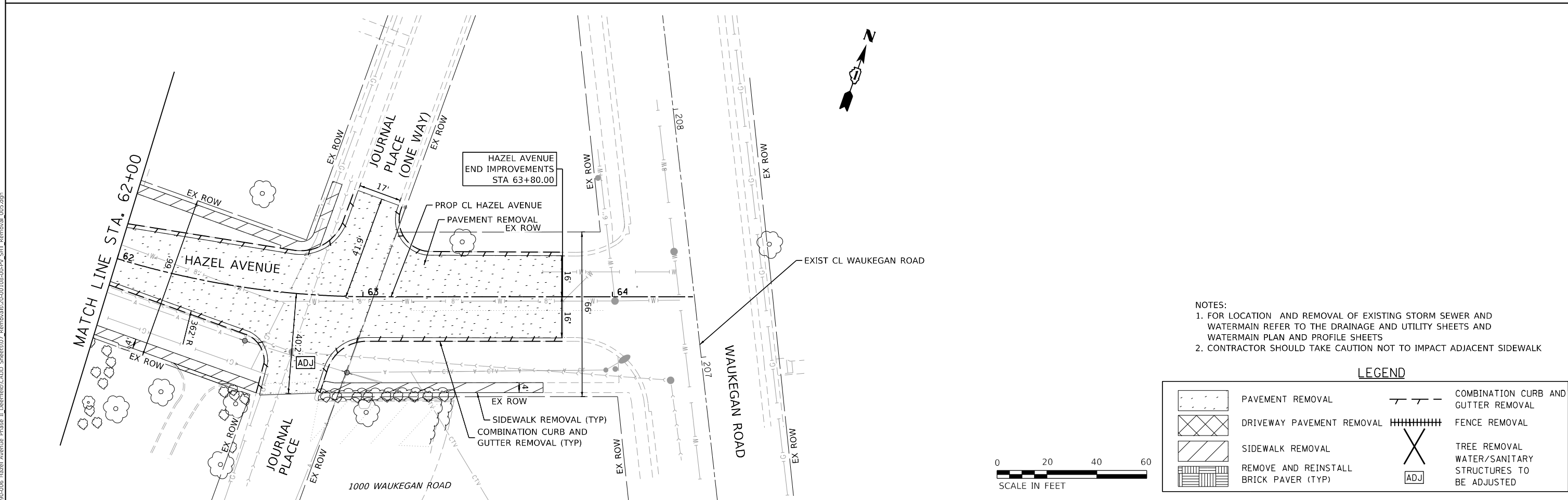
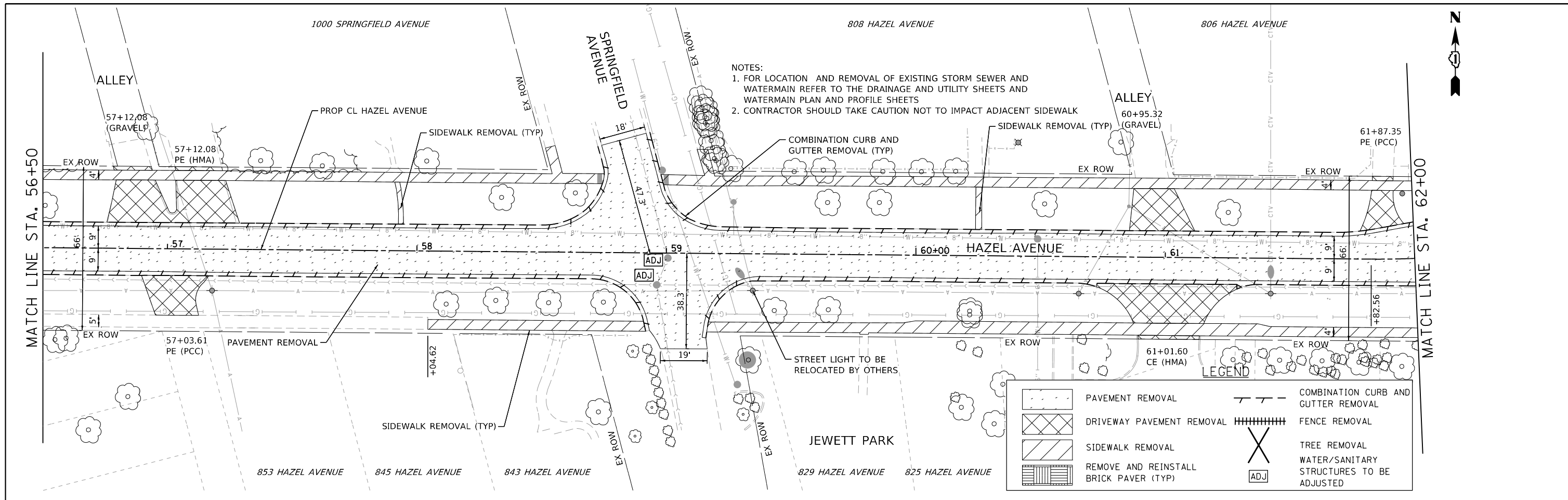
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	DATE = 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
REMOVAL PLAN

SCALE: 1"=20" SHEET 4 OF 5 SHEETS STA. 44+50 TO STA. 56+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	44
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
REMOVAL PLAN

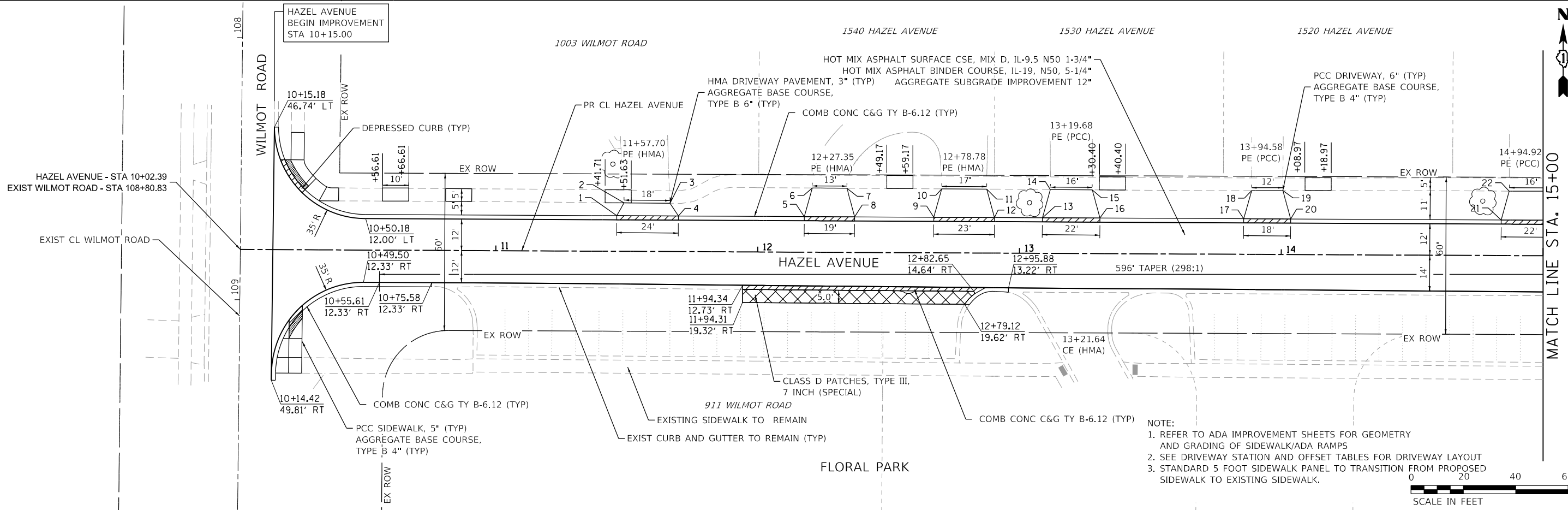
SCALE: 1"=20" SHEET 5 OF 5 SHEETS STA. 56+50 TO STA. 64+32.86

F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221	SHEET NO. 45
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

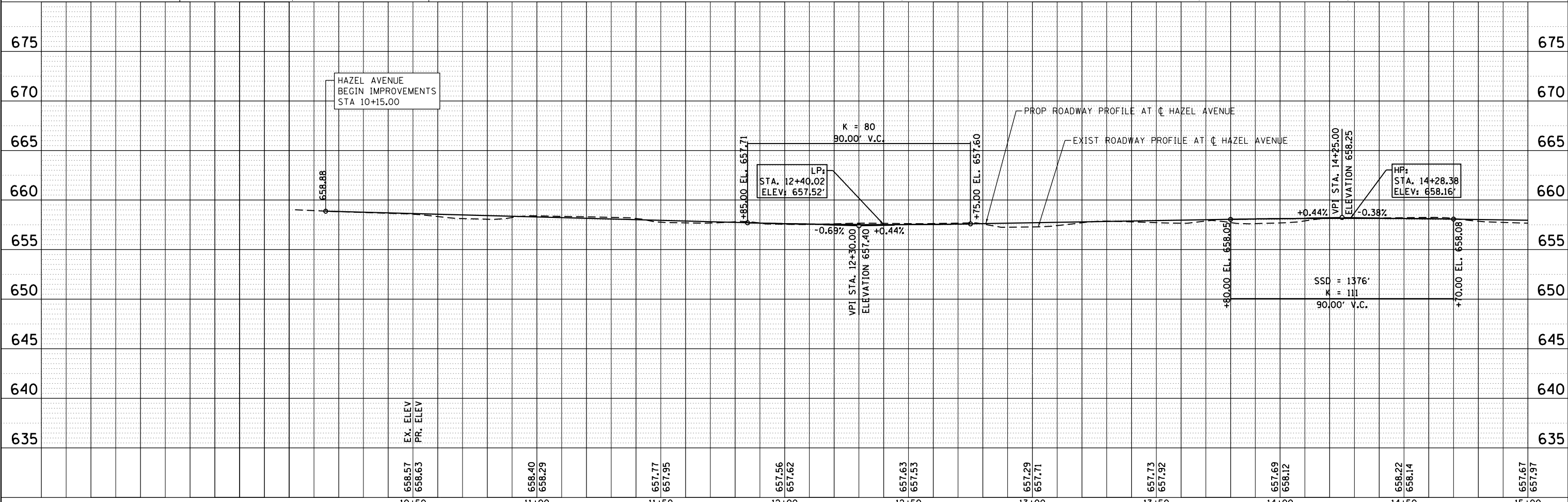
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	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

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- NOTE:
- REFER TO ADA IMPROVEMENT SHEETS FOR GEOMETRY AND GRADING OF SIDEWALK/ADA RAMPS
 - SEE DRIVEWAY STATION AND OFFSET TABLES FOR DRIVEWAY LAYOUT
 - STANDARD 5 FOOT SIDEWALK PANEL TO TRANSITION FROM PROPOSED SIDEWALK TO EXISTING SIDEWALK.



10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00
EX. ELEV 658.57	658.40	657.77	657.56	657.63	657.29	657.73	657.69	658.22	657.67
PR. ELEV 658.63	658.29	657.95	657.62	657.53	657.71	657.92	658.12	658.14	657.97



USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0001' / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

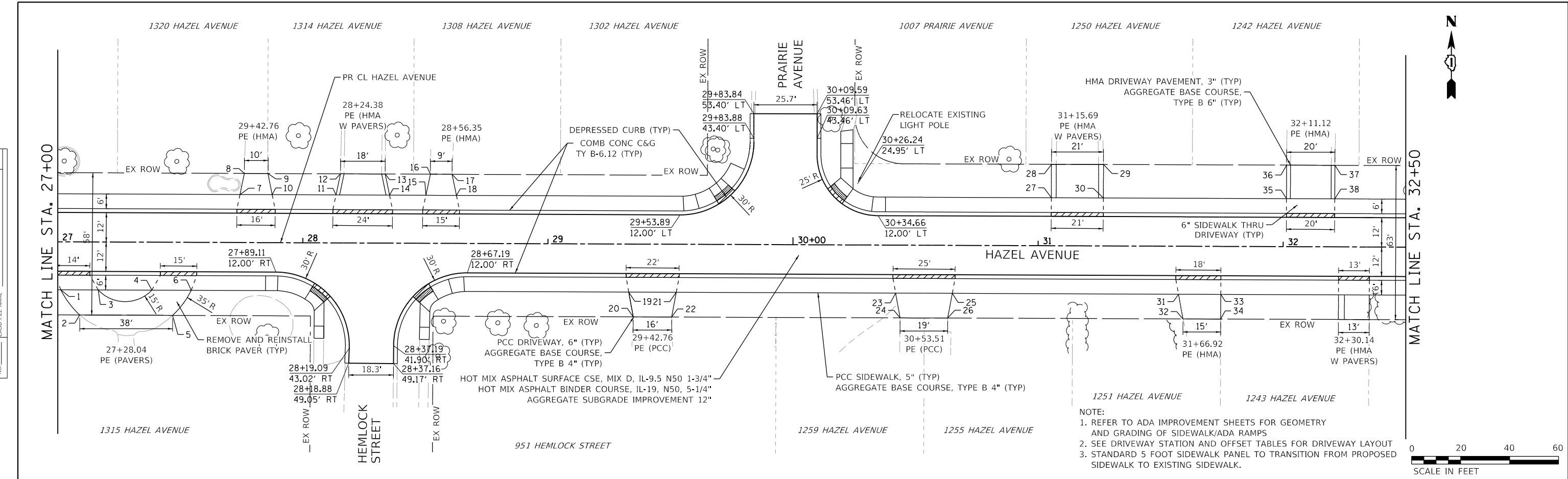
HAZEL AVENUE IMPROVEMENTS
PLAN AND PROFILE

SCALE: 1"=20' SHEET 1 OF 10 SHEETS STA. 10+02.39 TO STA. 15+00.00

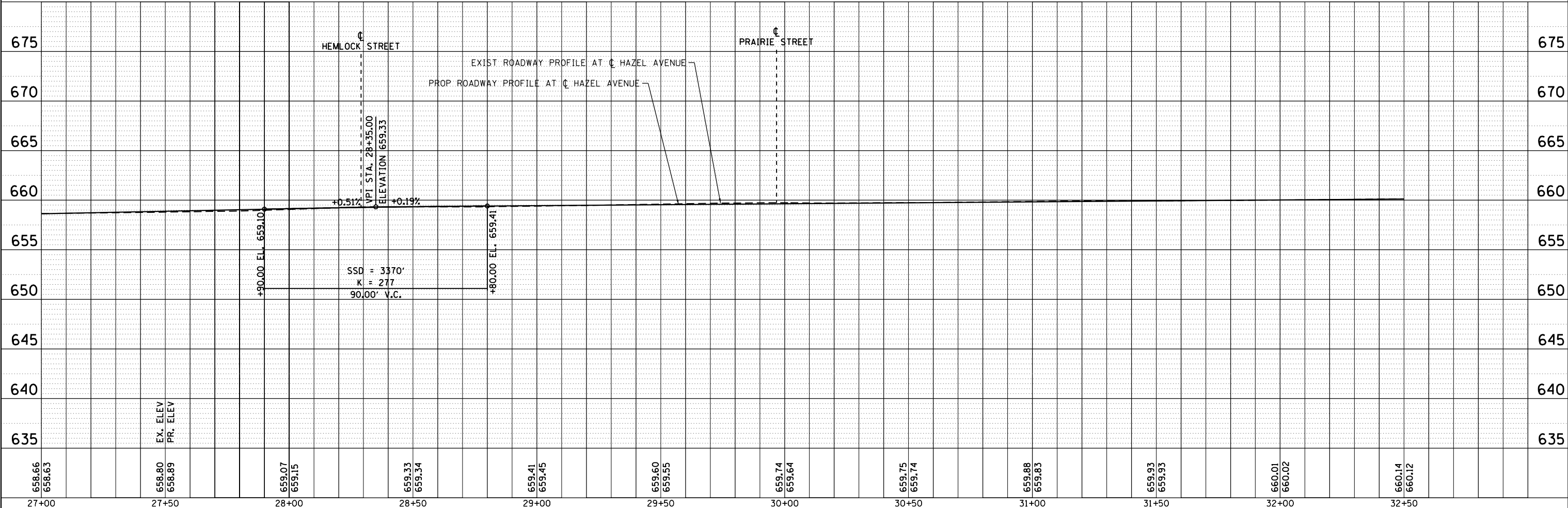
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	46
				CONTRACT NO. 61K74
				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



NOTE:
 1. REFER TO ADA IMPROVEMENT SHEETS FOR GEOMETRY AND GRADING OF SIDEWALK/ADA RAMPS
 2. SEE DRIVEWAY STATION AND OFFSET TABLES FOR DRIVEWAY LAYOUT
 3. STANDARD 5 FOOT SIDEWALK PANEL TO TRANSITION FROM PROPOSED SIDEWALK TO EXISTING SIDEWALK.



USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0001' / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE - 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
PLAN AND PROFILE**

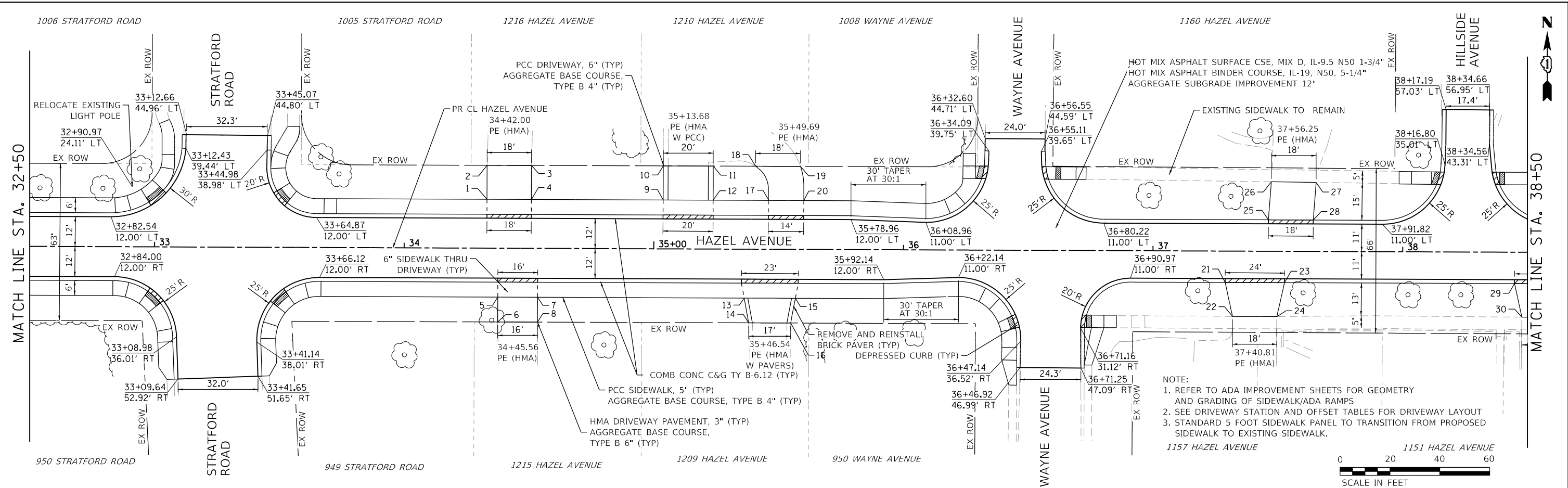
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	49
				CONTRACT NO. 61K74
				ILLINOIS FED. AID PROJECT

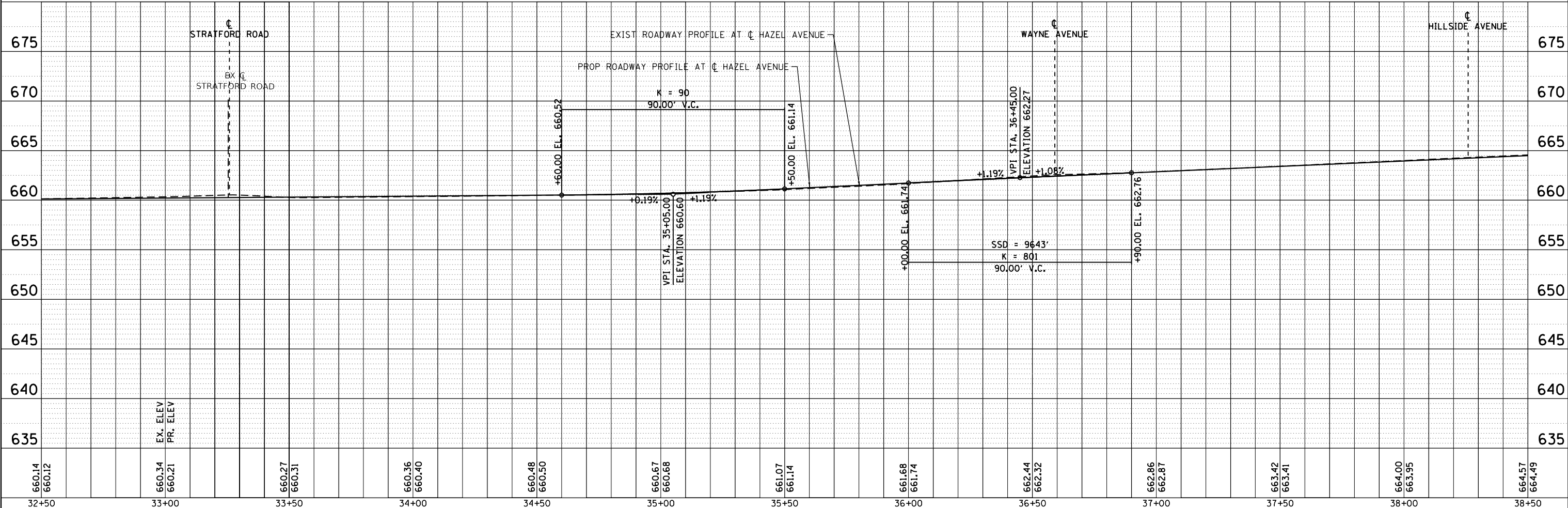
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS CHECKED	
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FILE NAME: F:\090-006-Hazel Avenue Phase II_District\CADD Sheets\08_Plan and Profile\20-0108-00-PV_Haz_Ave_Profile_0925.dgn



- NOTE:
 1. REFER TO ADA IMPROVEMENT SHEETS FOR GEOMETRY AND GRADING OF SIDEWALK/ADA RAMPS
 2. SEE DRIVEWAY STATION AND OFFSET TABLES FOR DRIVEWAY LAYOUT
 3. STANDARD 5 FOOT SIDEWALK PANEL TO TRANSITION FROM PROPOSED SIDEWALK TO EXISTING SIDEWALK.



660.14 660.12	660.34 660.21	660.27 660.31	660.36 660.40	660.48 660.50	660.67 660.68	661.07 661.14	661.68 661.74	662.44 662.32	662.86 662.87	663.42 663.41	664.00 663.95	664.57 664.49
32+50	33+00	33+50	34+00	34+50	35+00	35+50	36+00	36+50	37+00	37+50	38+00	38+50



USER NAME = gellwanger	DESIGNED -	REVISOR -
	DRAWN -	REVISOR -
PLOT SCALE = 40,000' 1" / in.	CHECKED -	REVISOR -
PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
PLAN AND PROFILE

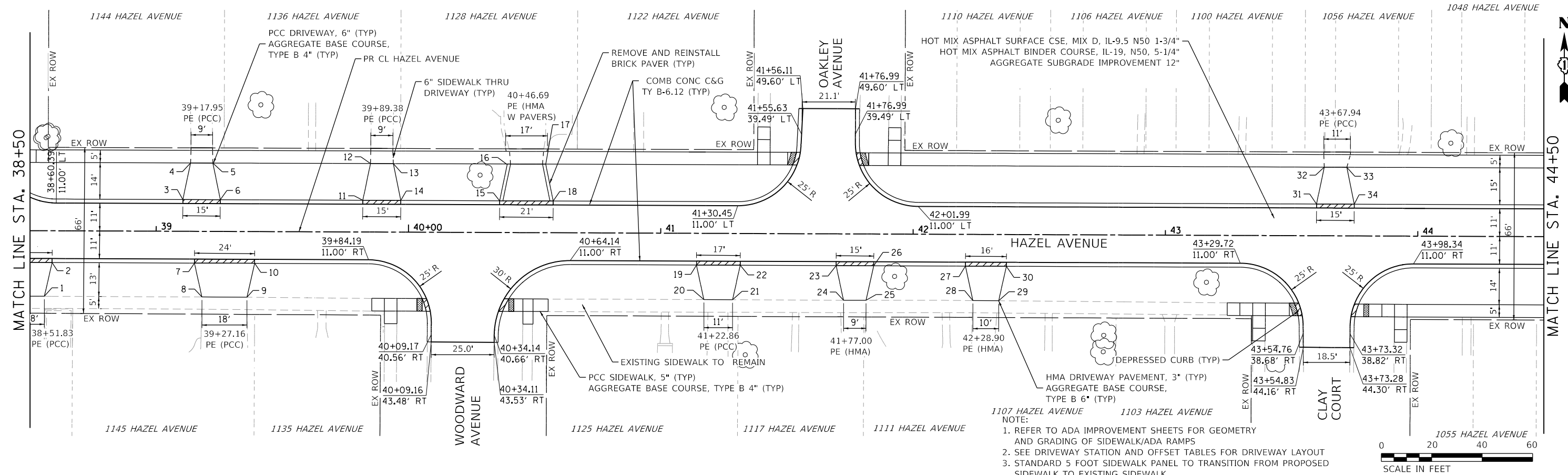
SCALE: 1"=20' SHEET 5 OF 10 SHEETS STA. 32+50.00 TO STA. 38+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	50
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

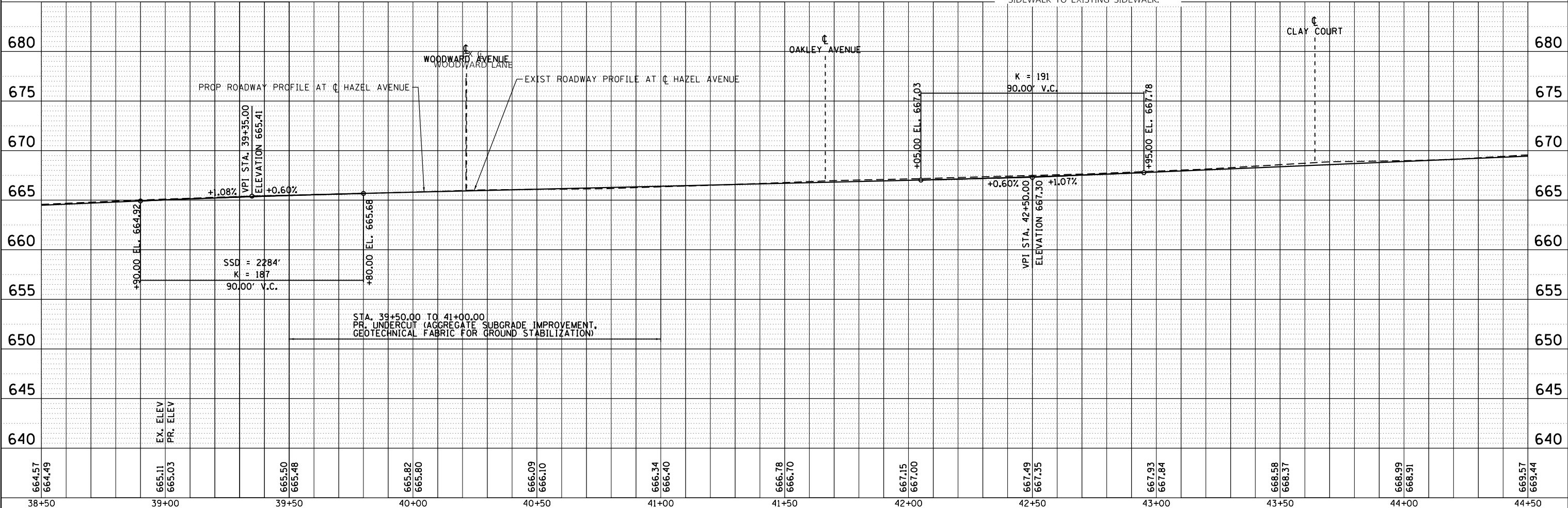
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	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK NO.	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

MODEL: Default
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- NOTE:
1. REFER TO ADA IMPROVEMENT SHEETS FOR GEOMETRY AND GRADING OF SIDEWALK/ADA RAMPS
 2. SEE DRIVEWAY STATION AND OFFSET TABLES FOR DRIVEWAY LAYOUT
 3. STANDARD 5 FOOT SIDEWALK PANEL TO TRANSITION FROM PROPOSED SIDEWALK TO EXISTING SIDEWALK.



USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,000'1" / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

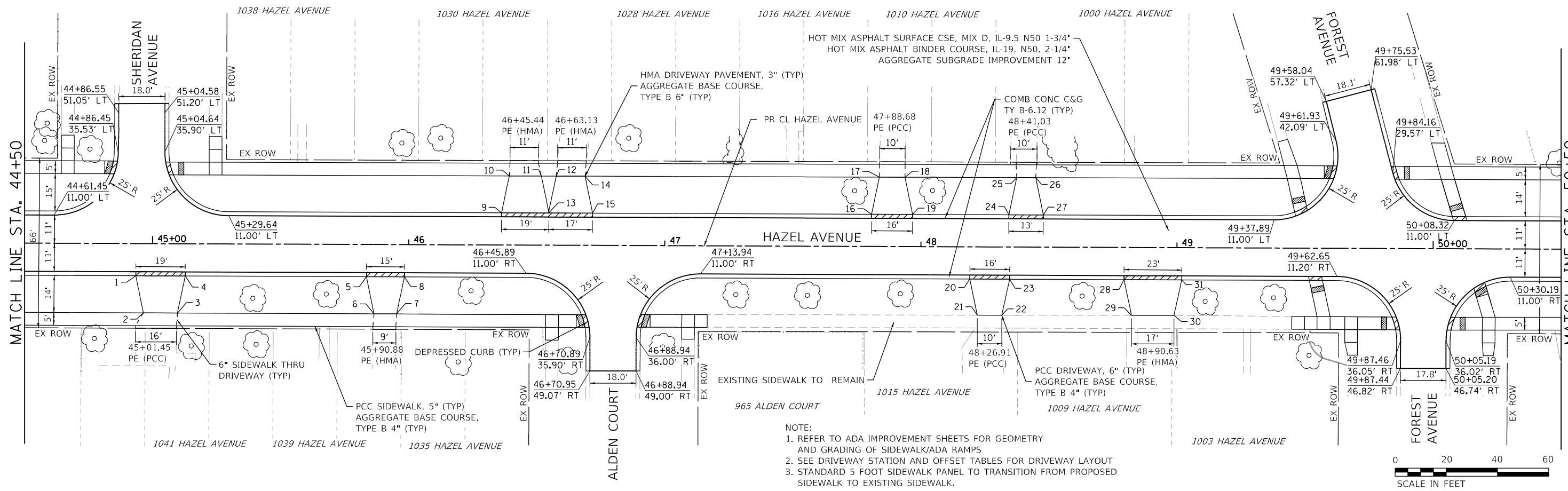
HAZEL AVENUE IMPROVEMENTS
 PLAN AND PROFILE
 SCALE: 1"=20' SHEET 6 OF 10 SHEETS STA. 38+50.00 TO STA. 44+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	51
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

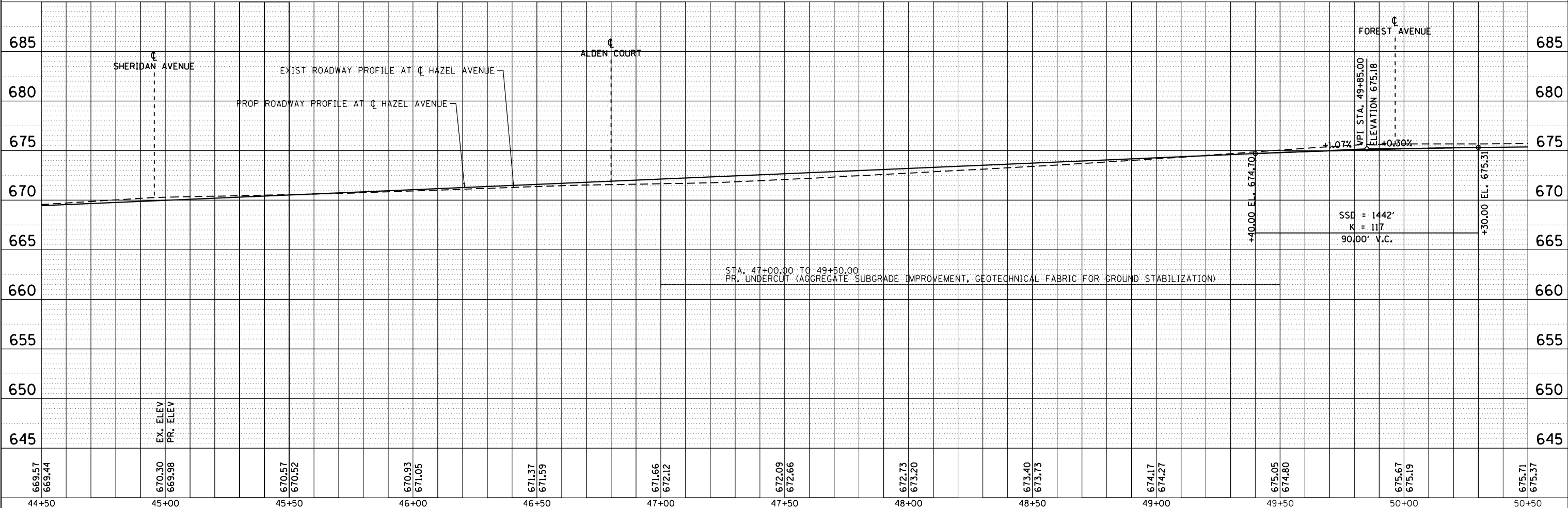
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
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	CADD FILE NAME	
	NO.	

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

MODEL: Default
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NOTE:
 1. REFER TO ADA IMPROVEMENT SHEETS FOR GEOMETRY AND GRADING OF SIDEWALK/ADA RAMPS
 2. SEE DRIVEWAY STATION AND OFFSET TABLES FOR DRIVEWAY LAYOUT
 3. STANDARD 5 FOOT SIDEWALK PANEL TO TRANSITION FROM PROPOSED SIDEWALK TO EXISTING SIDEWALK.



669.57 669.44	670.30 669.98	670.57 670.52	670.93 671.05	671.37 671.59	671.66 672.12	672.09 672.66	672.73 673.20	673.40 673.75	674.17 674.27	675.05 674.80	675.67 675.19	675.71 675.37
44+50	45+00	45+50	46+00	46+50	47+00	47+50	48+00	48+50	49+00	49+50	50+00	50+50



USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0001' / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
 PLAN AND PROFILE

SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA. 44+50.00 TO STA. 50+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	52
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

DRIVEWAY TABLE		
PLAN AND PROFILE SHEET #1		
POINT NO.	STATION	OFFSET
1	11+46.13	13.58 LT
2	11+48.85	18.49 LT
3	11+66.41	18.42 LT
4	11+69.66	13.58 LT
5	12+17.74	13.58 LT
6	12+20.73	24.52 LT
7	12+33.98	24.50 LT
8	12+36.99	13.58 LT
9	12+67.20	13.58 LT
10	12+70.19	24.44 LT
11	12+87.37	24.41 LT
12	12+90.37	13.58 LT
13	13+08.69	13.58 LT
14	13+11.68	24.36 LT
15	13+27.68	24.33 LT
16	13+30.69	13.58 LT
17	13+85.59	13.58 LT
18	13+88.58	24.34 LT
19	14+00.50	24.40 LT
20	14+03.51	13.58 LT
21	14+83.96	13.58 LT
22	14+86.95	24.59 LT

DRIVEWAY TABLE		
PLAN AND PROFILE SHEET #2		
POINT NO.	STATION	OFFSET
1	15+03.01	24.63 LT
2	15+06.02	13.58 LT
3	16+12.86	13.58 LT
4	16+15.85	24.89 LT
5	16+27.15	24.83 LT
6	16+30.16	13.58 LT
7	17+17.42	13.58 LT
8	17+20.41	22.49 LT
9	17+36.08	22.48 LT
10	17+39.09	13.58 LT
11	17+17.38	20.68 RT
12	17+19.06	29.82 RT
13	17+31.35	20.49 RT
14	17+29.30	29.80 RT
15	19+75.37	19.62 LT
16	19+65.95	28.28 LT
17	20+10.24	28.24 LT
18	20+15.79	19.58 LT
19	20+59.55	19.58 LT
20	20+59.90	28.24 LT
21	20+69.73	28.24 LT
22	20+70.18	19.58 LT

DRIVEWAY TABLE		
PLAN AND PROFILE SHEET #3		
POINT NO.	STATION	OFFSET
1	21+53.03	28.25 LT
2	21+58.03	19.58 LT
3	21+70.24	28.25 LT
4	21+74.62	19.58 LT
5	24+44.35	19.58 LT
6	24+46.16	28.30 LT
7	24+65.66	28.25 LT
8	24+67.48	19.58 LT
9	24+88.88	19.58 LT
10	24+88.85	28.25 LT
11	24+98.23	28.25 LT
12	24+98.27	19.58 LT
13	25+17.22	19.58 LT
14	25+21.51	28.24 LT
15	25+35.21	28.24 LT
16	25+32.81	19.58 LT
17	25+49.86	19.58 LT
18	25+51.61	28.24 LT
19	25+63.86	28.24 LT
20	25+65.64	19.58 LT
21	26+06.74	19.58 LT
22	26+06.87	28.39 LT
23	26+22.86	28.23 LT
24	26+22.81	19.58 LT
25	26+35.99	19.58 RT
26	26+37.89	29.77 RT
27	26+50.54	29.78 RT
28	26+52.51	19.58 RT
29	26+67.59	19.58 LT
30	26+67.98	28.22 LT
31	26+80.65	19.58 LT
32	26+80.79	28.22 LT

DRIVEWAY TABLE		
PLAN AND PROFILE SHEET #4		
POINT NO.	STATION	OFFSET
1	27+01.35	19.65 RT
2	27+09.09	29.81 RT
3	27+16.58	19.58 RT
4	27+38.43	19.58 RT
5	27+46.98	29.82 RT
6	27+54.53	19.58 RT
7	27+74.26	19.58 LT
8	27+76.02	28.21 LT
9	27+85.65	28.21 LT
10	27+87.43	19.58 LT
11	28+13.47	19.58 LT
12	28+15.27	28.20 LT
13	28+33.48	28.20 LT
14	28+35.28	19.58 LT
15	28+50.12	19.58 LT
16	28+51.93	28.20 LT
17	28+60.77	28.19 LT
18	28+62.58	19.58 LT
19	29+33.05	19.58 RT
20	29+34.92	29.71 RT
21	29+52.46	19.58 RT
22	29+50.60	29.71 RT
23	30+41.95	19.58 RT
24	30+43.80	29.68 RT
25	30+65.07	19.58 RT
26	30+63.23	29.67 RT
27	31+05.31	19.58 LT
28	31+05.31	33.23 LT
29	31+26.56	33.24 LT
30	31+26.56	19.58 LT
31	31+57.37	19.58 RT
32	31+59.21	29.63 RT
33	31+74.62	19.58 RT
34	31+74.65	29.63 RT
35	32+01.27	19.58 LT
36	32+01.27	33.27 LT
37	32+20.96	33.28 LT
38	32+20.96	19.58 LT

DRIVEWAY TABLE		
PLAN AND PROFILE SHEET #5		
POINT NO.	STATION	OFFSET
1	34+33.12	19.58 LT
2	34+33.12	33.19 LT
3	34+50.89	33.20 LT
4	34+50.89	19.58 LT
5	34+37.57	19.58 RT
6	34+37.57	29.56 RT
7	34+53.54	19.58 RT
8	34+53.54	29.55 RT
9	35+03.66	19.58 LT
10	35+03.66	33.23 LT
11	35+23.70	33.24 LT
12	35+23.70	19.58 LT
13	35+36.29	19.58 RT
14	35+38.13	29.51 RT
15	35+56.79	19.58 RT
16	35+54.95	29.50 RT
17	35+45.82	19.58 LT
18	35+40.70	33.25 LT
19	35+58.66	33.26 LT
20	35+60.00	19.58 LT
21	37+28.94	12.58 RT
22	37+31.94	26.16 RT
23	37+52.69	12.58 RT
24	37+49.69	26.15 RT
25	37+46.17	12.58 LT
26	37+47.27	27.83 LT
27	37+65.23	27.64 LT
28	37+64.14	12.58 LT
29	38+44.85	12.58 RT
30	38+47.85	25.97 RT

DRIVEWAY TABLE		
PLAN AND PROFILE SHEET #6		
POINT NO.	STATION	OFFSET
1	38+55.80	25.97 RT
2	38+58.80	12.58 RT
3	39+10.53	12.58 LT
4	39+13.53	27.08 LT
5	39+22.37	27.08 LT
6	39+25.37	12.58 LT
7	39+15.24	12.58 RT
8	39+18.24	25.98 RT
9	39+36.08	26.02 RT
10	39+39.08	12.58 RT
11	39+81.86	12.58 LT
12	39+84.86	27.13 LT
13	39+93.91	27.13 LT
14	39+96.91	12.58 LT
15	40+36.08	12.58 LT
16	40+39.02	27.16 LT
17	40+54.30	27.17 LT
18	40+57.30	12.58 LT
19	41+14.18	12.58 RT
20	41+17.18	26.25 RT
21	41+28.54	26.26 RT
22	41+31.54	12.58 RT
23	41+69.54	12.58 RT
24	41+72.54	26.28 RT
25	41+81.45	26.27 RT
26	41+84.45	12.58 RT
27	42+20.79	12.58 RT
28	42+23.78	26.21 RT
29	42+34.02	26.25 RT
30	42+37.02	12.58 RT
31	43+59.84	12.58 LT
32	43+62.84	27.19 LT
33	43+71.78	27.19 LT
34	43+74.78	12.58 LT

DRIVEWAY TABLE		
PLAN AND PROFILE SHEET #7		
POINT NO.	STATION	OFFSET
1	44+93.49	12.58 RT
2	44+96.49	27.05 RT
3	45+09.79	27.06 RT
4	45+12.79	12.58 RT
5	45+83.53	12.58 RT
6	45+86.53	27.07 RT
7	45+95.38	27.08 RT
8	45+98.38	12.58 RT
9	46+36.17	12.58 LT
10	46+39.17	26.97 LT
11	46+51.71	26.98 LT
12	46+57.51	26.99 LT
13	46+54.61	12.58 LT
14	46+68.74	26.99 LT
15	46+71.74	12.58 LT
16	47+80.68	12.58 LT
17	47.83.68	27.08 LT
18	47+93.69	27.08 LT
19	47+96.69	12.58 LT
20	48+19.15	12.58 RT
21	48+22.15	26.69 RT
22	48+31.68	26.66 RT
23	48+34.68	12.58 RT
24	48+34.29	12.58 LT
25	48+37.29	27.12 LT
26	48+44.77	27.12 LT
27	48+47.77	12.58 LT
28	48+79.35	12.58 RT
29	48+82.35	26.53 RT
30	48+98.91	26.48 RT
31	49+01.91	12.58 RT

DRIVEWAY TABLE		
PLAN AND PROFILE SHEET #8		
POINT NO.	STATION	OFFSET
1	51+24.65	26.98 LT
2	51+31.22	12.58 LT
3	51+49.83	26.96 LT
4	51+63.83	12.58 LT
5	51+48.09	12.58 RT
6	51+54.71	26.41 RT
7	51+71.88	12.58 RT
8	51+68.88	26.41 RT
9	51+75.31	12.58 RT
10	51+78.31	26.43 RT
11	51+97.72	26.50 RT
12	52+00.72	12.58 RT

DRIVEWAY TABLE		
PLAN AND PROFILE SHEET #9		
POINT NO.	STATION	OFFSET
1	56+76.21	12.58 LT
2	56+79.15	26.94 LT
3	56+94.51	26.95 LT
4	56+99.90	14.84 LT
5	57+04.15	15.86 LT
6	57+03.69	26.95 LT
7	57+23.28	26.96 LT
8	57+28.14	12.58 LT
13	60+84.27	12.58 LT
14	60+87.14	27.16 LT
15	61+03.50	27.17 LT
16	61+06.62	12.58 LT
17	61+79.54	12.83 LT
18	61+82.42	27.21 LT
19	61+91.80	27.10 LT
20	61+94.50	13.51 LT

MODEL: Default
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USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0002 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HAZEL AVENUE IMPROVEMENTS DRIVEWAY STATION & OFFSET TABLES			
SCALE: NTS	SHEET 1	OF 1 SHEETS	STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	56
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

STAGE CONSTRUCTION GENERAL NOTES

- ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT.
- ONE 11 FOOT LANE ON HAZEL AVENUE (WILMOT ROAD TO WAYNE AVENUE) AND ONE 10 FOOT LANE ON HAZEL AVENUE (WAYNE AVENUE TO CHESTNUT STREET) SHALL BE KEPT OPEN TO THRU TRAFFIC AT ALL TIMES EXCEPT AS NOTED IN PLANS AND AS DIRECTED BY THE ENGINEER. ANY LANE CLOSURES MUST BE APPROVED BY THE ENGINEER.
- TAPER LENGTH FOR TRAFFIC CONTROL DEVICES IS DEFINED BY:
 $L = W \times S$ FOR SPEED LIMITS OF 45 MPH OR MORE.
 $L = \frac{W \times S^2}{60}$ FOR SPEED LIMITS OF 40 MPH OR LESS.
 THE TAPER IS DEFINED AS FOLLOWS:
 L = TAPER LENGTH IN FEET
 W = WIDTH OF OFFSET IN FEET
 S = POSTED SPEED IN MPH.
- THE FOLLOWING TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 703 "WORK ZONE PAVEMENT MARKINGS" OF STANDARD SPECIFICATIONS AT ALL THE FOLLOWING LOCATIONS IN EACH OF THE VARIOUS STAGES OF CONSTRUCTION:
 4 IN DOUBLE YELLOW - BETWEEN OPPOSING LANES
 6 IN WHITE LANE LINE - STORAGE AREA OF TURN BAYS
 6 IN WHITE SKIP DASH (6 ft SKIP - 2 ft DASH) - TURN BAY TAPERS
 24 IN WHITE STOP BAR - ALL LOCATIONS
 WHITE LETTERS AND SYMBOLS - TURN LANES
- IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE INFORMATIONAL SIGNS ON TEMPORARY SUPPORTS FOR DRIVEWAYS. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES. ALSO, "CAUTION NEW LANES OPEN STOP HERE" SIGNS WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AT THE APPROPRIATE LOCATIONS. THIS WORK WILL BE PER DISTRICT DETAIL TC-26 INCLUDED IN THE VARIOUS ITEMS FOR "TEMPORARY INFORMATION SIGNING".
- PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE USED AND ITS PLACEMENT SHALL BE DIRECTED BY THE ENGINEER.
- THE CONTRACTOR WILL GIVE THE ENGINEER AT LEAST 10 DAYS NOTICE PRIOR TO ANY TRAFFIC STAGING CHANGES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING OR REMOVING ANY EXISTING ROADWAY SIGNAGE THAT CONFLICTS WITH THE STAGED TRAFFIC PATTERN IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS AND STANDARDS. TEMPORARY TRAFFIC CONTROL BARRIERS AND SIGNAGE SHALL BE IN PLACE PRIOR TO TRAFFIC STAGING.
- PEDESTRIAN AND BICYCLE ACCESS MUST BE MAINTAINED ON ALL EXISTING FACILITIES AND ON NEW FACILITIES AS THEY BECOME AVAILABLE FOR PEDESTRIAN AND BICYCLE TRAFFIC.
- ARROW BOARDS SHALL HAVE SOLAR POWER CAPABILITY.
- A MONO-DIRECTIONAL FLASHING AMBER BEACON SHALL BE MOUNTED TO THE FIRST TWO WARNING SIGNS ON EACH APPROACH DURING HOURS OF DARKNESS.
- STOP SIGNS AND STOP BARS ARE TO BE MAINTAINED FOR UNSIGNALIZED SIDE STREETS AND DRIVEWAYS THROUGH ALL CONSTRUCTION STAGES.
- POSITIVE DRAINAGE WITHIN THE WORK ZONE MUST BE MAINTAINED AT ALL TIMES, WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY INLETS, OUTLETS, AND CONNECTIONS FOR ALL EXISTING AND PROPOSED FACILITIES INCLUDING TEMPORARY PUMPING IF NECESSARY. TEMPORARY ACCOMMODATIONS SHALL BE MAINTAINED UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE PERFORMED AS DIRECTED BY THE ENGINEER. THE COST OF ALL LABOR, EQUIPMENT, AND MATERIALS (TEMPORARY OR PERMANENT USED AS TEMPORARY) TO COMPLY WITH THIS REQUIREMENT WILL NOT BE PAID FOR DIRECTLY, BUT THE COST SHALL BE CONSIDERED INCLUDED IN THE PROPOSED ITEMS OF WORK IN THE CONTRACT UNLESS OTHERWISE INDICATED.
- TEMPORARY PLUG INSTALLATION AND REMOVAL FOR STORM SEWER CONSTRUCTION SHALL BE INCLUDED IN THE COST OF STORM SEWER.
- THE CONTRACTOR SHALL NOTE LOCATIONS OF ALL PAVEMENT MARKINGS OUTSIDE OF THE PROJECT LIMITS FOR RESTORATION PURPOSES.
- THE CONTRACTOR SHALL MAINTAIN ALL DRIVEWAY AND SIDE STREET ENTRANCES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ACCESS TO EXISTING DRIVEWAY ENTRANCES SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "TEMPORARY ACCESS (PRIVATE OR COMMERCIAL OR ROAD)".

- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDE STREETS AND DRIVEWAYS BY UTILIZING STAGED CONSTRUCTION, FLAGGERS, TEMPORARY ACCESSES, OR OTHER METHODS APPROVED BY THE ENGINEER. THIS WORK SHALL NOT BE CONSIDERED FOR ADDITIONAL PAYMENT, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL). TEMPORARY RAMPS AFTER 1" LIFT OF HOT-MIX ASPHALT NEEDED.
- IF THE CONTRACTOR MUST FULLY CLOSE AN EXISTING DRIVEWAY OR SIDE STREET, THE CONTRACTOR MUST MAINTAIN A TEMPORARY ACCESS. THE CONTRACTOR SHALL GIVE AT LEAST ONE WEEK PRIOR WRITTEN NOTICE OF DRIVEWAY OR SIDE STREET CLOSURES TO THE ENGINEER, THE VILLAGE, EMERGENCY SERVICES, SCHOOLS, AND THE LOCAL POST OFFICE. DIRECTIONAL SIGNAGE SHALL BE PROVIDED TO REDIRECT DRIVERS AND PATRONS OF AFFECTED BUSINESSES TO ACCESS PROPERTIES BY ALTERNATE ROUTES. THIS WORK SHALL BE COORDINATED BY THE RESIDENT ENGINEER. ANY REDIRECTING SIGNAGE SHALL BE PAID FOR AS "TEMPORARY INFORMATION SIGNAGE" AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE. ANY ITEMS FOR CLOSURE OF THE DRIVES INCLUDING TYPE III BARRICADES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED WITH THE COST OF WORK ITEMS.
- THE CONTRACTOR WILL GIVE THE LAKE COUNTY DIVISION OF TRANSPORTATION 10 DAYS NOTICE PRIOR TO IMPLEMENTING THE STAGE 3 DETOUR AT (847) 377-7400.

HAZEL AVENUE - GENERAL SEQUENCE OF CONSTRUCTION

STAGE 1

INSTALL SIGNAGE FOR STAGE 1 DETOUR OF EASTBOUND HAZEL AVENUE AS SHOWN IN THE DETOUR PLANS. CLOSE WESTBOUND HAZEL AVENUE AT WILMOT ROAD AND PARK AVE. CLOSE HAZEL AVENUE AT CHESTNUT STREET, ALLOWING ONLY SOUTHBOUND TRAFFIC FROM HAZEL AVENUE. STAGE TRAFFIC BETWEEN PARK AVE AND WAUKEGAN ROAD UTILIZING DAILY LANE CLOSURES. TO INSTALL THE WATERMAIN, PROVIDE ONE 11-10' LANE IN THE EASTBOUND DIRECTION. INSTALL ALL OTHER TRAFFIC CONTROL MEASURES FOR STAGE 1. INSTALL NECESSARY EROSION AND SEDIMENT CONTROL MEASURES PER THE EROSION CONTROL PLANS. REMOVAL ALL DESIGNATED TREES PER THE REMOVAL PLANS. INSTALL ALL WATERMAIN IN THE STAGE 1 AND BORE WATERMAIN UNDER METRA RAILROAD TRACKS. INSTALL STAGE 1 STORM SEWER. REMOVE EXISTING PAVEMENT AND SUBGRADE. INSTALL PROPOSED SUBGRADE AND PAVEMENT. INSTALL TOPSOIL AND SOD.

STAGE 2

INSTALL SIGNAGE FOR STAGE 2 DETOUR OF EASTBOUND HAZEL AVENUE AS SHOWN IN THE DETOUR PLANS. CLOSE EASTBOUND HAZEL AVENUE AT WILMOT ROAD AND PARK AVE. CLOSE HAZEL AVENUE AT CHESTNUT STREET, ALLOWING ONLY NORTHBOUND TRAFFIC FROM HAZEL AVENUE. INSTALL ALL OTHER TRAFFIC CONTROL MEASURES FOR STAGE 2. INSTALL NECESSARY EROSION AND SEDIMENT CONTROL MEASURES PER THE EROSION CONTROL PLANS. REMOVAL ALL DESIGNATED TREES PER THE REMOVAL PLANS. INSTALL THE STAGE 2 STORM SEWER. REMOVE EXISTING PAVEMENT AND SUBGRADE. INSTALL PROPOSED SUBGRADE AND PAVEMENT. INSTALL TOPSOIL AND SOD. INSTALL PAVEMENT MARKINGS.

STAGE 3

INSTALL SIGNAGE FOR STAGE 3 DETOUR AND FULL CLOSURE OF HAZEL AVENUE BETWEEN CHESTNUT STREET AND WAUKEGAN ROAD AS SHOWN IN THE DETOUR PLANS. CLOSE HAZEL AVENUE BETWEEN CHESTNUT STREET AND WAUKEGAN ROAD. CONTRACTOR TO MAINTAIN ACCESS TO ALLEYWAY (60+95.32 LT), DRIVEWAY (61+87.35 LT) AND NORTH AND SOUTH JOURNAL PLACE AT ALL TIMES. NORTH JOURNAL PLACE MUST BE ABLE TO EXIT ONTO HAZEL AVENUE DUE TO ITS SOUTHBOUND ONE-WAY CONDITION. INSTALL ALL OTHER TRAFFIC CONTROL MEASURES FOR STAGE 3. INSTALL NECESSARY EROSION AND SEDIMENT CONTROL MEASURES PER THE EROSION CONTROL PLANS. REMOVAL ALL DESIGNATED TREES PER THE REMOVAL PLANS. INSTALL THE STAGE 3 WATERMAIN AND STORM SEWER. REMOVE EXISTING PAVEMENT AND SUBGRADE. INSTALL PROPOSED SUBGRADE AND PAVEMENT. INSTALL TOPSOIL AND SOD. INSTALL PAVEMENT MARKINGS.

MODEL: D:\p1\11... FILE NAME: P1000-006 - Hazel Avenue Phase II - Deerfield CADD_Sheets\09_MOT\20-00108-00-PV_SHT_STAGING_GENNOTE.DGN



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	DRAWN -	REVISED -
PLOT SCALE = 100,0002' / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
SUGGESTED CONSTRUCTION SEQUENCE AND GENERAL NOTES**

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	57
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

- NOTES**
1. THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT IS DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE VILLAGE OF DEERFIELD REGARDING THE PERIOD OF CLOSURE OF HAZEL AVENUE AND SHALL ALSO BE RESPONSIBLE FOR ALL SIGNAGE AND CHANGEABLE MESSAGE SIGNS REGARDING THIS CLOSURE. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED PRIOR TO CONSTRUCTION AT THE LOCATIONS DETERMINED BY THE ENGINEER AND PAID FOR AS "CHANGEABLE MESSAGE SIGN" (CAL DAYS.)
 3. TEMPORARY INFORMATION SIGNS SHALL BE PLACED PRIOR TO THE CONSTRUCTION AND AS DIRECTED BY THE ENGINEER.
 4. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF DEERFIELD AND ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) AT LEAST TWO (2) WEEKS IN ADVANCE OF THE INSTALLATION OF THE PROPOSED DETOUR.
 5. ALL DETOUR SIGNS SHALL BE POST MOUNTED PER APPLICABLE SIGN MOUNTING STANDARDS.
 6. SIGN LOCATION AND SPACING MAY BE ADJUSTED TO FIT FIELD CONDITIONS WITH THE PRIOR APPROVAL OF THE ENGINEER.
 7. ALL DETOUR SIGNING SHALL BE NEW OR IN LIKE NEW CONDITION.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL DETOUR SIGNING AND APPURTENANCES ARE OPERATIONAL 24 HOURS A DAY, 7 DAYS A WEEK WHILE THE DETOUR IS IN EFFECT. THIS INCLUDES MAINTAINING THE VISIBILITY OF ALL CONSTRUCTION AND DETOUR SIGNING, INCLUDING CLEARING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
 9. ACCESS SHALL BE MAINTAINED TO ADJACENT PROPERTIES AT ALL TIMES. THIS WORK SHALL INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
 10. WHEN DETOUR SIGNS ARE TO BE PLACED, THE AREA NEEDS TO BE MARKED BY JULIE, FLAGS PLACED, ONCE THE DETOUR SIGN IS INSTALLED, ALL OF THE JULIE MARKING FLAGS ARE REQUIRED TO BE REMOVED AND DISPOSED OF PROPERLY.
 11. WHEN THE DETOUR ROUTE SIGNS ARE INSTALLED, CARE AND CONSIDERATION ARE TO BE GIVEN TO THE INSTALLATION (TEMPORARY SIGN POST WINGS NEED TO BE INSTALLED SO AS TO BE BELOW GRADE), AND THE DETOUR SIGNS ARE TO BE INSTALLED RESPECTING THE LOCATION AND VISIBILITY OF THE EXISTING SIGNAGE SO AS NOT TO CAUSE TRAFFIC ISSUES.

SIGN LEGEND

- ROAD CLOSED
- ROAD CLOSED TO THRU TRAFFIC
- WEST HAZEL AVE CLOSED AT CHESTNUT ST
- WEST HAZEL AVE CLOSED AT PARK AVE
- DETOUR (Left Arrow)
- DETOUR (Right Arrow)
- EAST
- WEST
- END DETOUR
- DETOUR (Right Arrow)

1. R11-2 48" x 30" MOUNTED ABOVE TYPE III BARRICADE
2. R11-4 60" x 30" MOUNTED ABOVE TYPE III BARRICADE
3. SPECIAL 60" x 30" **
4. SPECIAL 60" x 30" **
5. M4-10L 48" x 18" TYPICAL MOUNTED ABOVE TOP OF TYPE III BARRICADE
6. M4-10R 48" x 18" TYPICAL MOUNTED ABOVE TOP OF TYPE III BARRICADE
7. M3-2(0) 24" x 12"
8. M3-4(0) 24" x 12"
9. M4-8a 24"x18"
10. M4-9R 30" x 24"

- DETOUR (Left Arrow)
- DETOUR (Up Arrow)
- DETOUR (Right Arrow)
- DETOUR (Left Arrow)
- Hazel Avenue
- ROAD CLOSED AHEAD
- ROAD CLOSED 500FT

11. M4-9L 30" x 24"
12. M4-9 30" x 24"
13. M4-9 30" x 24"
14. M4-9 30" x 24"
15. ROAD NAME SIGNS, 36" x 18" 8" UC LETTERS, 6" LC LETTERS
16. ADVANCE ROAD CLOSED SIGNS W20-3 48" x 48"
17. ADVANCE ROAD CLOSED SIGN W20-3 48" x 48" *

- DETOUR AHEAD
- ONE WAY (Right Arrow)
- ONE WAY (Left Arrow)

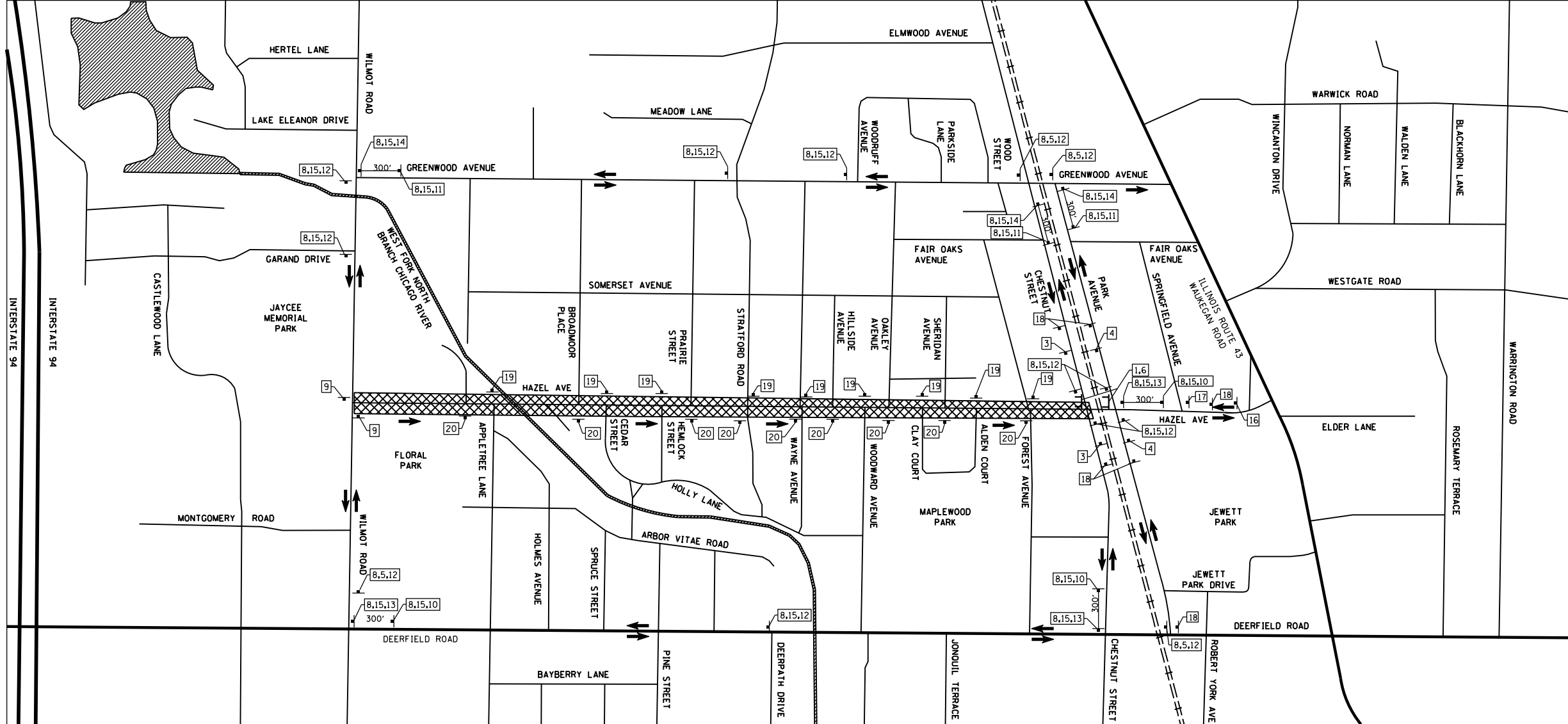
18. ADVANCE DETOUR SIGN W20-2 48" x 48" *
19. R6-1R 36" x 12"
20. R6-1L 36" x 12"

TT TYPE III BARRICADE WITH TWO AMBER FLASHING LIGHTS AND STD. REFLECTORIZED SHEETING ON BOTH SIDES

NOTE: * INDICATES FLAG(S) NOT REQUIRED
 ** SIGN 3 & 4 SHALL BE A SPECIAL ROAD NAME SIGN WITH MINIMUM 6" BLACK UPPERCASE LETTERS ON AN ORANGE REFLECTIVE BACKGROUND. WHEN LOWERCASE LETTERS ARE BEING USED THEY SHALL BE 3/4 OF THE SIZE OF THE UPPERCASE LETTERS.

LEGEND

- DIRECTION OF TRAVEL
- DETOUR SIGN ASSEMBLY
- PROJECT AREA
- BODIES OF WATER
- WEST
- Hazel Avenue
- DETOUR
- SAMPLE SIGN ASSEMBLY



MODEL: D:\dfr\it...
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PLOT SCALE = 1000.0020' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
 DETOUR PLAN - WESTBOUND CLOSURE STAGE 1 & 2**

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	60
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



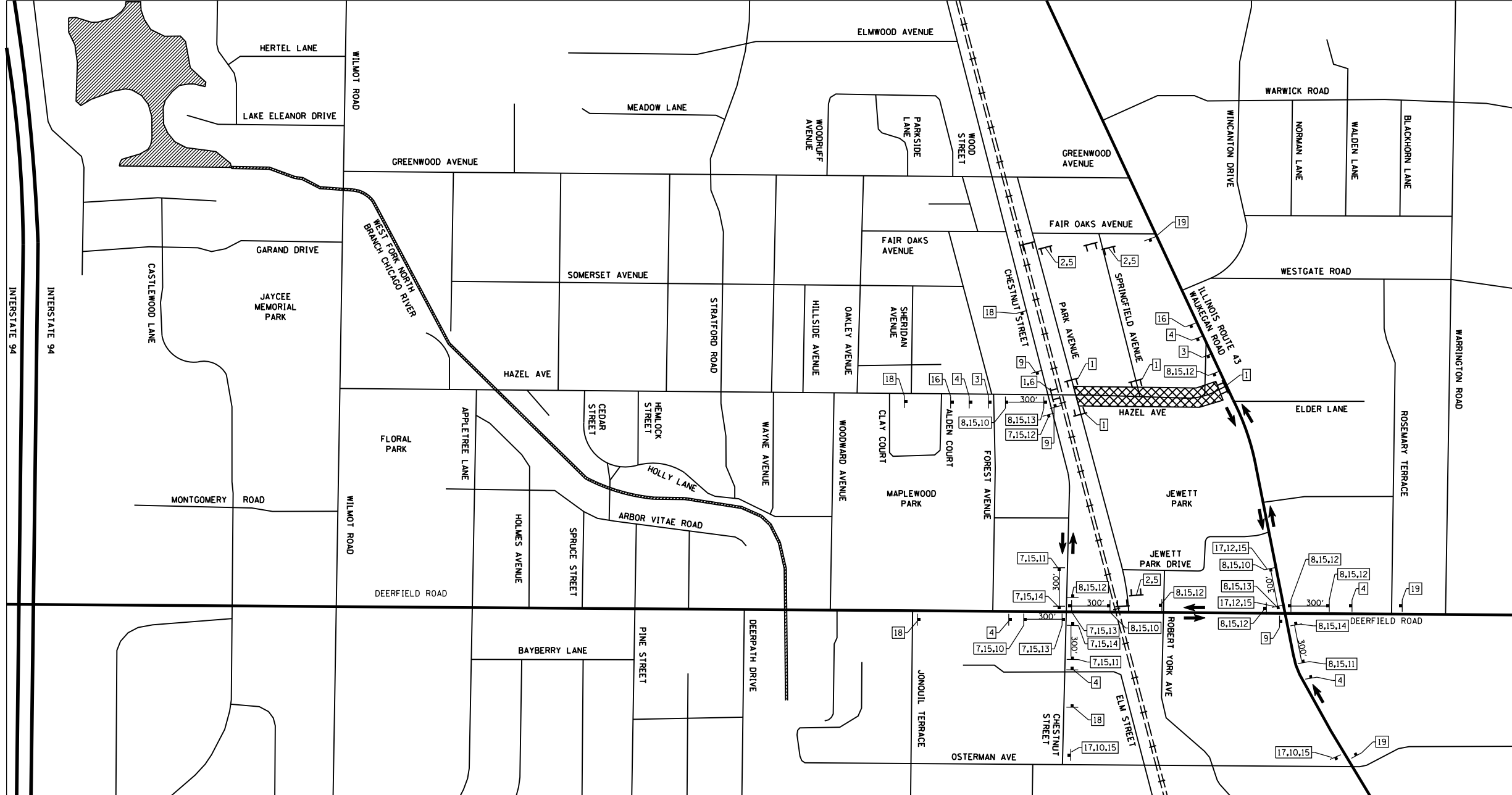
SIGN LEGEND

	1. R11-2 48" x 30" MOUNTED ABOVE TYPE III BARRICADE		6. M4-10R 48" x 18" TYPICAL MOUNTED ABOVE TOP OF TYPE III BARRICADE		13. M4-9 30" x 24"
	2. R11-4 60" x 30" MOUNTED ABOVE TYPE III BARRICADE		7. M3-2(O) 24" x 12"		14. M4-9 30" x 24"
	3. ADVANCE ROAD CLOSED SIGN W20-3 48" x 48" *		8. M3-4(O) 24" x 12"		15. ROAD NAME SIGNS, 36" x 18" 8" UC LETTERS, 6" LC LETTERS
	4. ADVANCE DETOUR SIGN W20-2 48" x 48" *		9. M4-8a 24"x18"		16. ADVANCE ROAD CLOSED SIGNS W20-3 48" x 48"
	5. M4-10L 48" x 18" TYPICAL MOUNTED ABOVE TOP OF TYPE III BARRICADE		10. M4-9R 30" x 24"		17. M4-4(O) 24" x 12" **
			11. M4-9L 30" x 24"		18. SPECIAL 60" x 30" **
			12. M4-9 30" x 24"		19. SPECIAL 60" x 30" **

LEGEND

- DIRECTION OF TRAVEL
- DETOUR SIGN ASSEMBLY
- PROJECT AREA
- BODIES OF WATER
- TYPE III BARRICADE WITH TWO AMBER FLASHING LIGHTS AND STD. REFLECTORIZED SHEETING ON BOTH SIDES

NOTE: * INDICATES FLAG(S) NOT REQUIRED
** SIGN 18 & 19 SHALL BE A SPECIAL ROAD NAME SIGN WITH MINIMUM 6" BLACK UPPERCASE LETTERS ON AN ORANGE REFLECTIVE BACKGROUND. WHEN LOWERCASE LETTERS ARE BEING USED THEY SHALL BE 3/4 OF THE SIZE OF THE UPPERCASE LETTERS.



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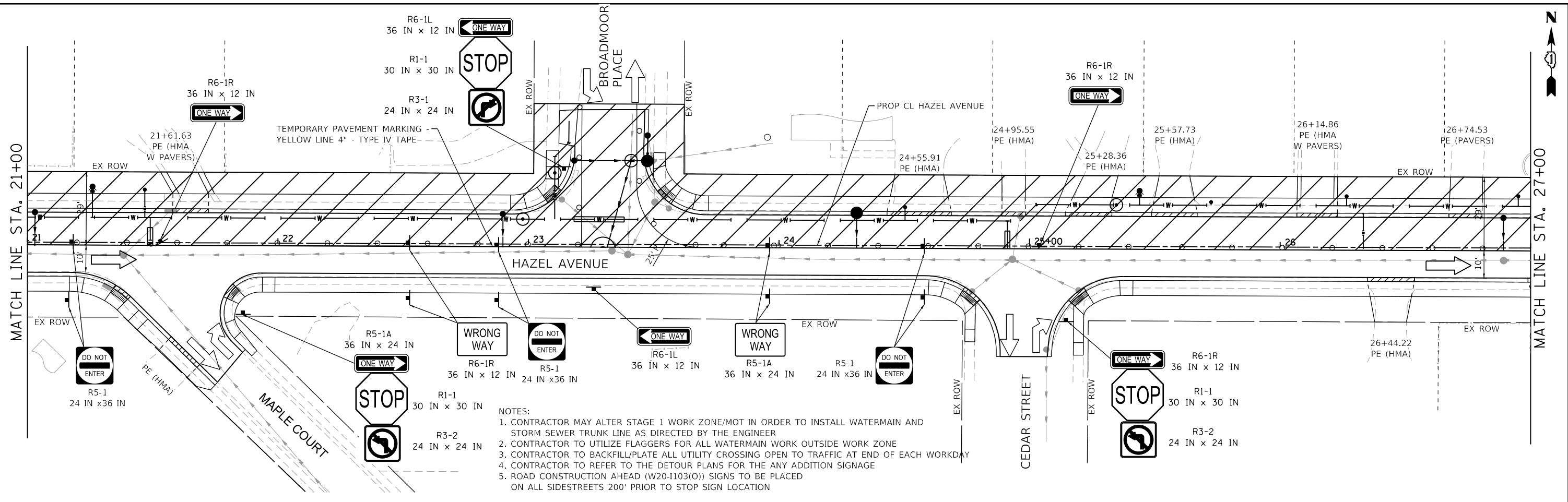


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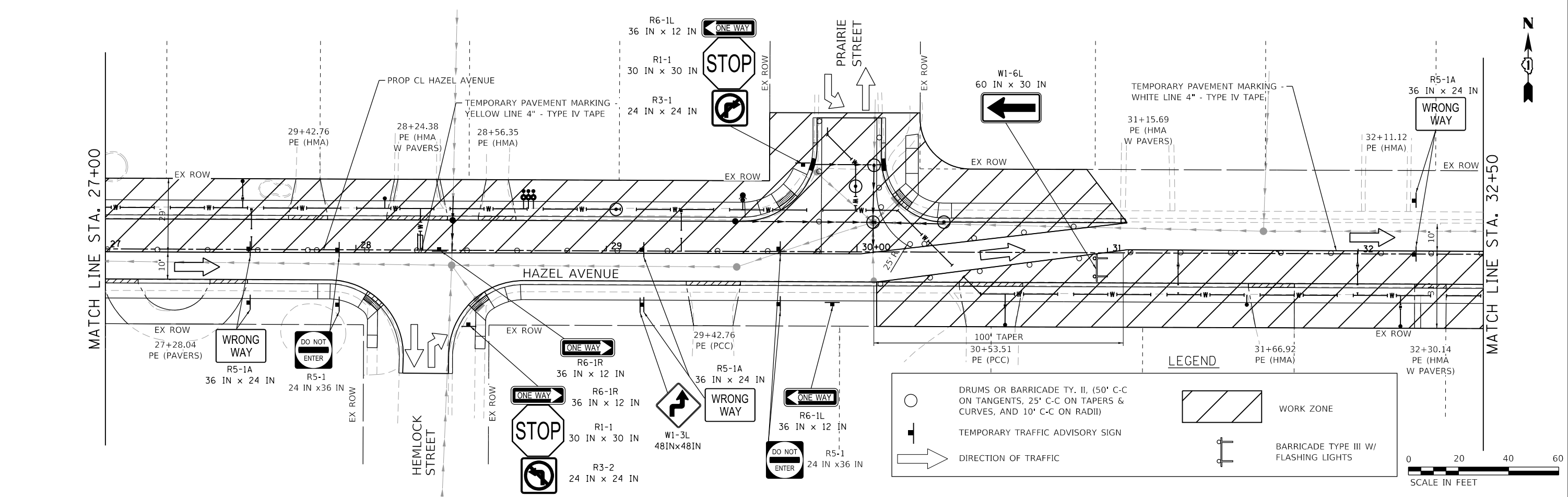
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HAZEL AVENUE IMPROVEMENTS DETOUR PLAN - FULL CLOSURE STAGE 3	
SCALE: NTS	SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221	SHEET NO. 61
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. CONTRACTOR MAY ALTER STAGE 1 WORK ZONE/MOT IN ORDER TO INSTALL WATERMAIN AND STORM SEWER TRUNK LINE AS DIRECTED BY THE ENGINEER
 2. CONTRACTOR TO UTILIZE FLAGGERS FOR ALL WATERMAIN WORK OUTSIDE WORK ZONE
 3. CONTRACTOR TO BACKFILL/PLATE ALL UTILITY CROSSING OPEN TO TRAFFIC AT END OF EACH WORKDAY
 4. CONTRACTOR TO REFER TO THE DETOUR PLANS FOR THE ANY ADDITION SIGNAGE
 5. ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS TO BE PLACED ON ALL SIDESTREETS 200' PRIOR TO STOP SIGN LOCATION



LEGEND

- DRUMS OR BARRICADE TY. II, (50' C-C ON TANGENTS, 25' C-C ON TAPERS & CURVES, AND 10' C-C ON RADII)
- TEMPORARY TRAFFIC ADVISORY SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE
- BARRICADE TYPE III W/ FLASHING LIGHTS

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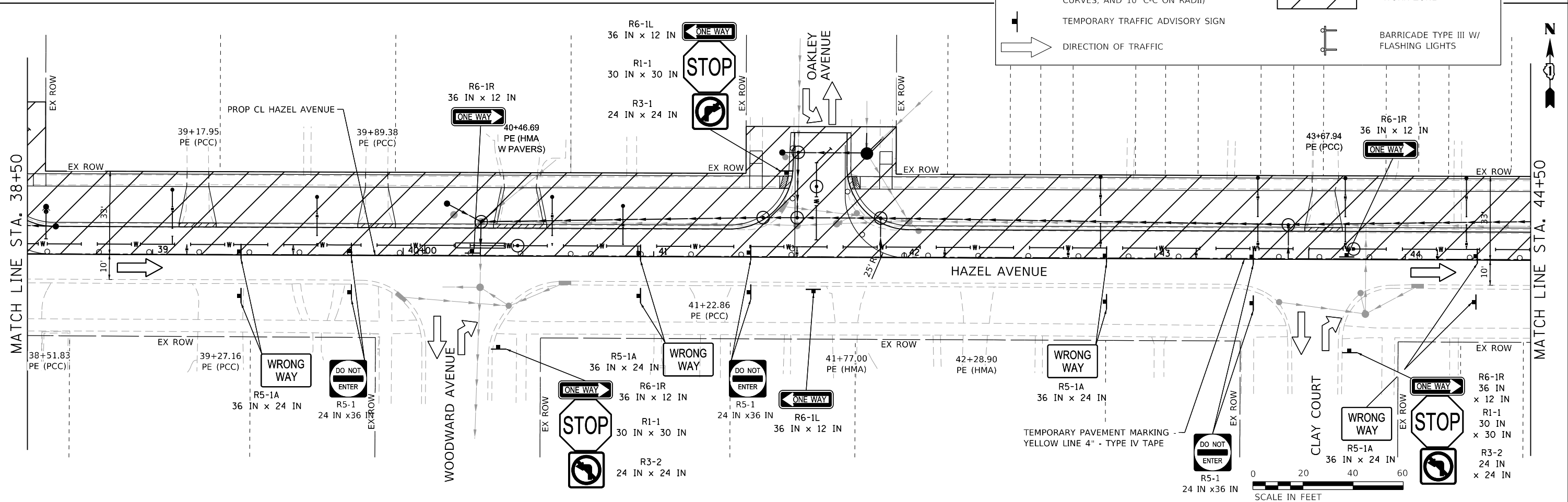
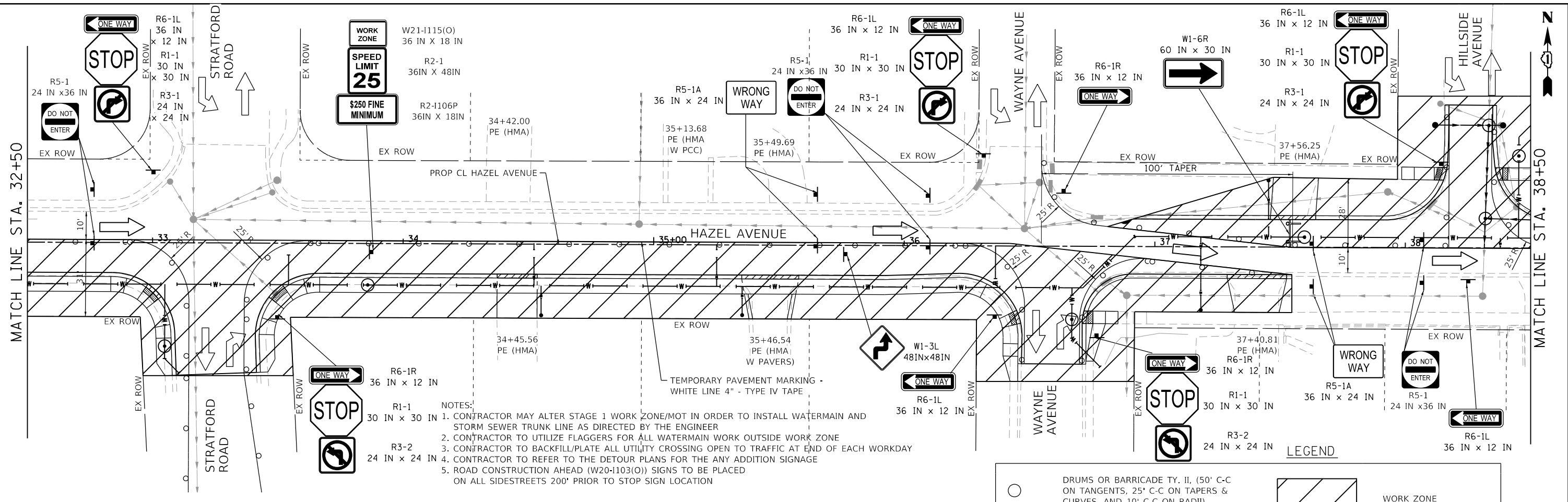
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PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE = 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 1

SCALE: 1"=20'
 SHEET 2 OF 5 SHEETS
 STA. 21+00.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	63
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



NOTES:
 1. CONTRACTOR MAY ALTER STAGE 1 WORK ZONE/MOT IN ORDER TO INSTALL WATERMAIN AND STORM SEWER TRUNK LINE AS DIRECTED BY THE ENGINEER
 2. CONTRACTOR TO UTILIZE FLAGGERS FOR ALL WATERMAIN WORK OUTSIDE WORK ZONE
 3. CONTRACTOR TO BACKFILL/PLATE ALL UTILITY CROSSING OPEN TO TRAFFIC AT END OF EACH WORKDAY
 4. CONTRACTOR TO REFER TO THE DETOUR PLANS FOR THE ANY ADDITION SIGNAGE
 5. ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS TO BE PLACED ON ALL SIDESTREETS 200' PRIOR TO STOP SIGN LOCATION

LEGEND

- DRUMS OR BARRICADE TY. II, (50' C-C ON TANGENTS, 25' C-C ON TAPERS & CURVES, AND 10' C-C ON RADII)
- TEMPORARY TRAFFIC ADVISORY SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE
- BARRICADE TYPE III W/ FLASHING LIGHTS

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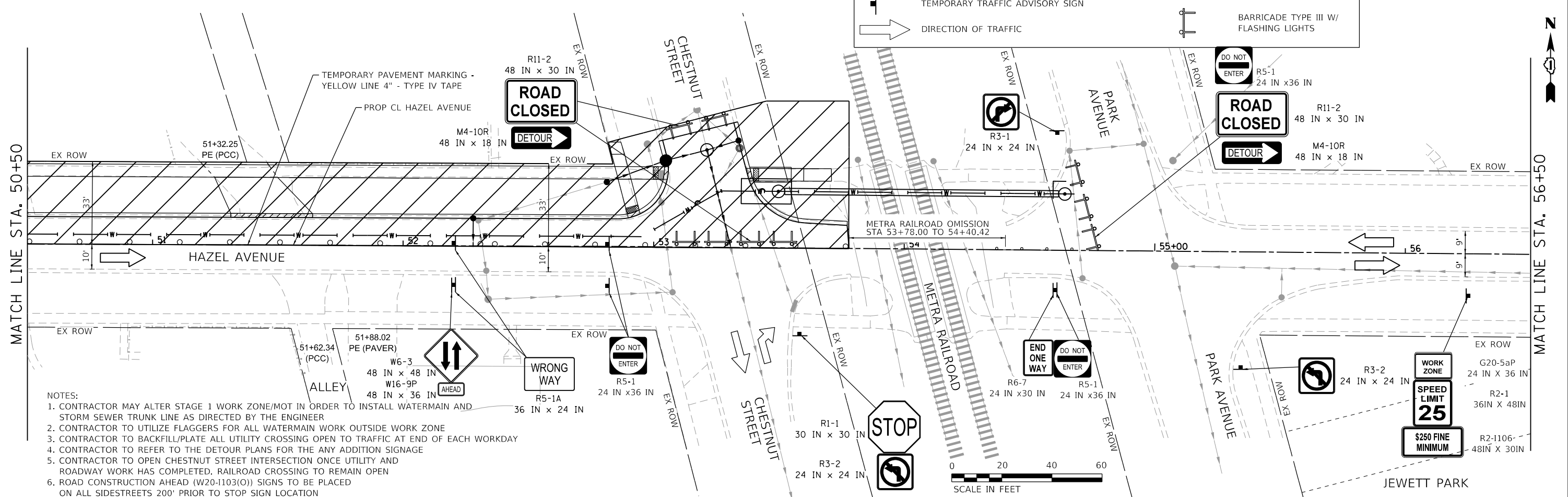
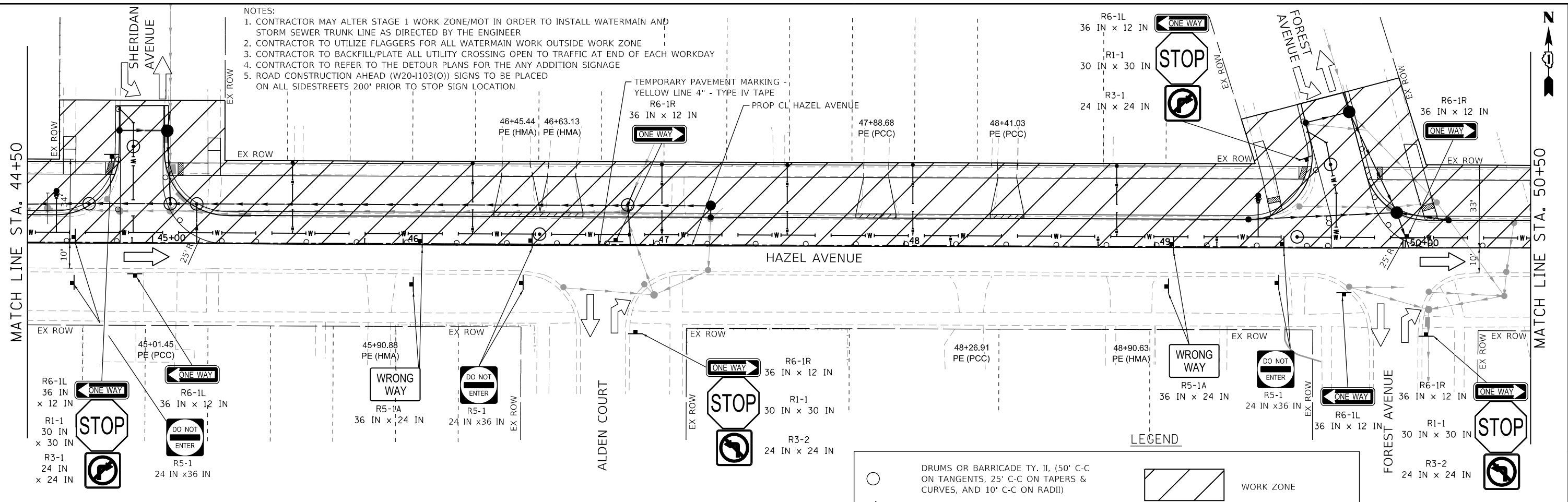
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 1**

SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 32+50.00 TO STA. 44+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	64
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

- NOTES:
 1. CONTRACTOR MAY ALTER STAGE 1 WORK ZONE/MOT IN ORDER TO INSTALL WATERMAIN AND STORM SEWER TRUNK LINE AS DIRECTED BY THE ENGINEER
 2. CONTRACTOR TO UTILIZE FLAGGERS FOR ALL WATERMAIN WORK OUTSIDE WORK ZONE
 3. CONTRACTOR TO BACKFILL/PLATE ALL UTILITY CROSSING OPEN TO TRAFFIC AT END OF EACH WORKDAY
 4. CONTRACTOR TO REFER TO THE DETOUR PLANS FOR THE ANY ADDITION SIGNAGE
 5. ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS TO BE PLACED ON ALL SIDESTREETS 200' PRIOR TO STOP SIGN LOCATION



- NOTES:
 1. CONTRACTOR MAY ALTER STAGE 1 WORK ZONE/MOT IN ORDER TO INSTALL WATERMAIN AND STORM SEWER TRUNK LINE AS DIRECTED BY THE ENGINEER
 2. CONTRACTOR TO UTILIZE FLAGGERS FOR ALL WATERMAIN WORK OUTSIDE WORK ZONE
 3. CONTRACTOR TO BACKFILL/PLATE ALL UTILITY CROSSING OPEN TO TRAFFIC AT END OF EACH WORKDAY
 4. CONTRACTOR TO REFER TO THE DETOUR PLANS FOR THE ANY ADDITION SIGNAGE
 5. CONTRACTOR TO OPEN CHESTNUT STREET INTERSECTION ONCE UTILITY AND ROADWAY WORK HAS COMPLETED. RAILROAD CROSSING TO REMAIN OPEN
 6. ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS TO BE PLACED ON ALL SIDESTREETS 200' PRIOR TO STOP SIGN LOCATION

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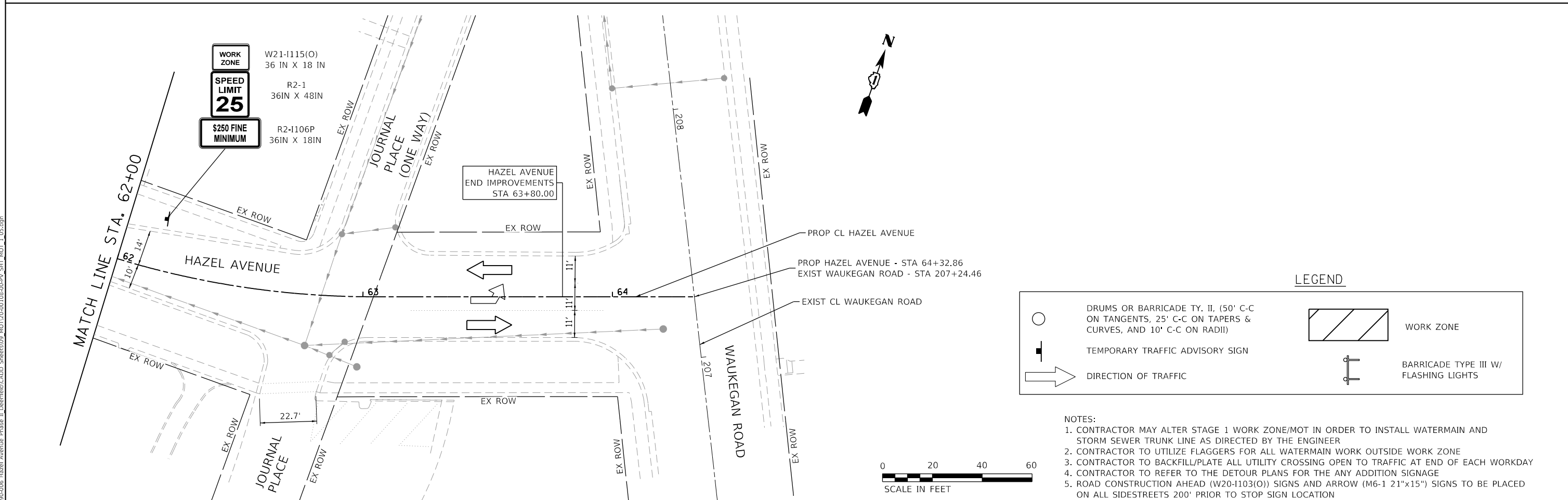
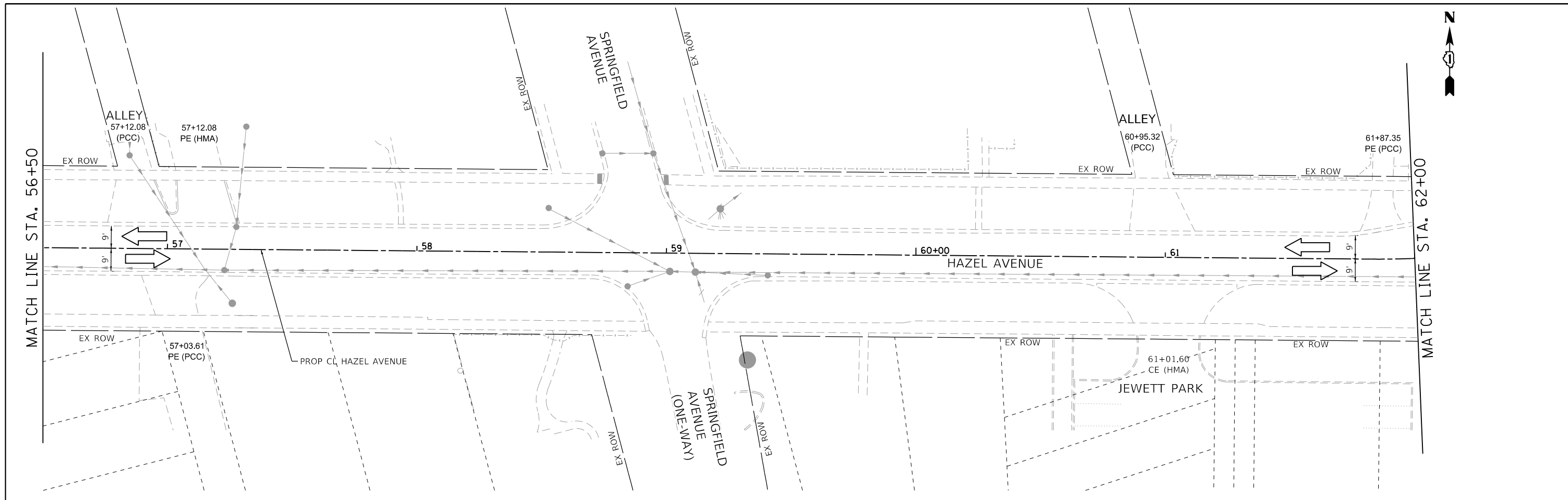
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
 MAINTENANCE OF TRAFFIC - STAGE 1**

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 44+50.00 TO STA. 56+50.00

F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221	SHEET NO. 65
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



LEGEND

	DRUMS OR BARRICADE TY. II, (50' C-C ON TANGENTS, 25' C-C ON TAPERS & CURVES, AND 10' C-C ON RADII)		WORK ZONE
	TEMPORARY TRAFFIC ADVISORY SIGN		BARRICADE TYPE III W/ FLASHING LIGHTS
	DIRECTION OF TRAFFIC		

- NOTES:**
- CONTRACTOR MAY ALTER STAGE 1 WORK ZONE/MOT IN ORDER TO INSTALL WATERMAIN AND STORM SEWER TRUNK LINE AS DIRECTED BY THE ENGINEER
 - CONTRACTOR TO UTILIZE FLAGGERS FOR ALL WATERMAIN WORK OUTSIDE WORK ZONE
 - CONTRACTOR TO BACKFILL/PLATE ALL UTILITY CROSSING OPEN TO TRAFFIC AT END OF EACH WORKDAY
 - CONTRACTOR TO REFER TO THE DETOUR PLANS FOR THE ANY ADDITION SIGNAGE
 - ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS AND ARROW (M6-1 21"x15") SIGNS TO BE PLACED ON ALL SIDESTREETS 200' PRIOR TO STOP SIGN LOCATION



MODEL: D:\p1\11\1103\006_Hazel_Avenue_Phase_II_Documents\CADD_Sheets\09_MOT\20-00108-00-PV_SHT_MOT_1_05.dgn
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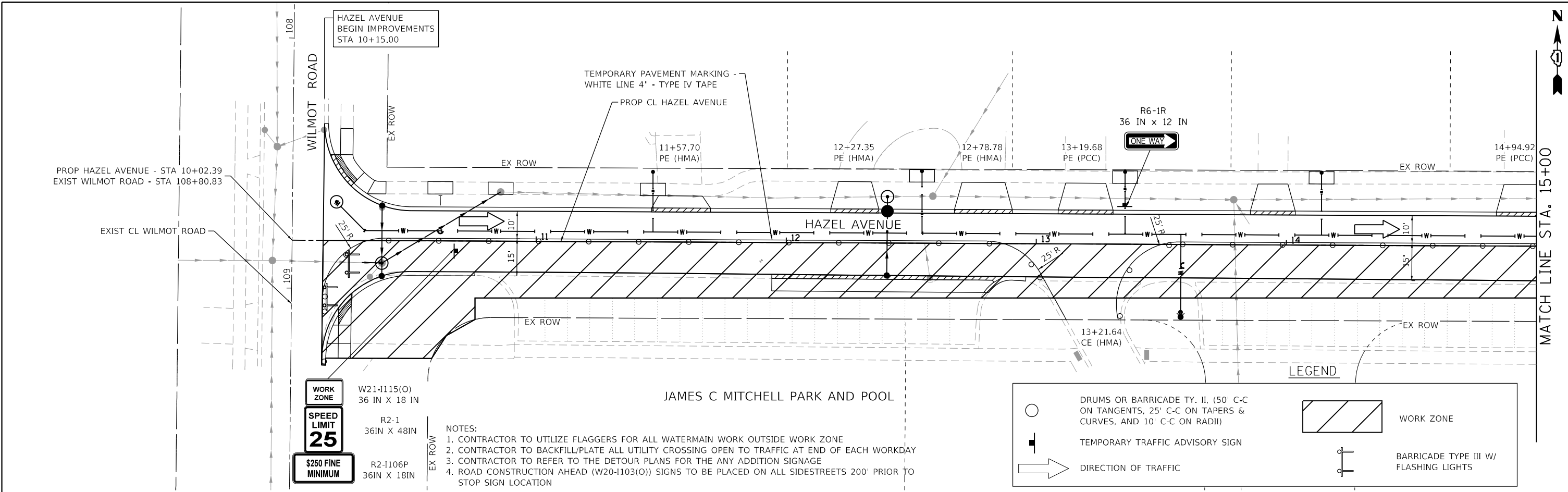


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PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE = 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HAZEL AVENUE IMPROVEMENTS MAINTENANCE OF TRAFFIC - STAGE 1			
F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221
SCALE: 1"=20'		SHEET 5 OF 5 SHEETS	STA. 56+50.00 TO STA. 64+32.86

CONTRACT NO. 61K74	ILLINOIS FED. AID PROJECT
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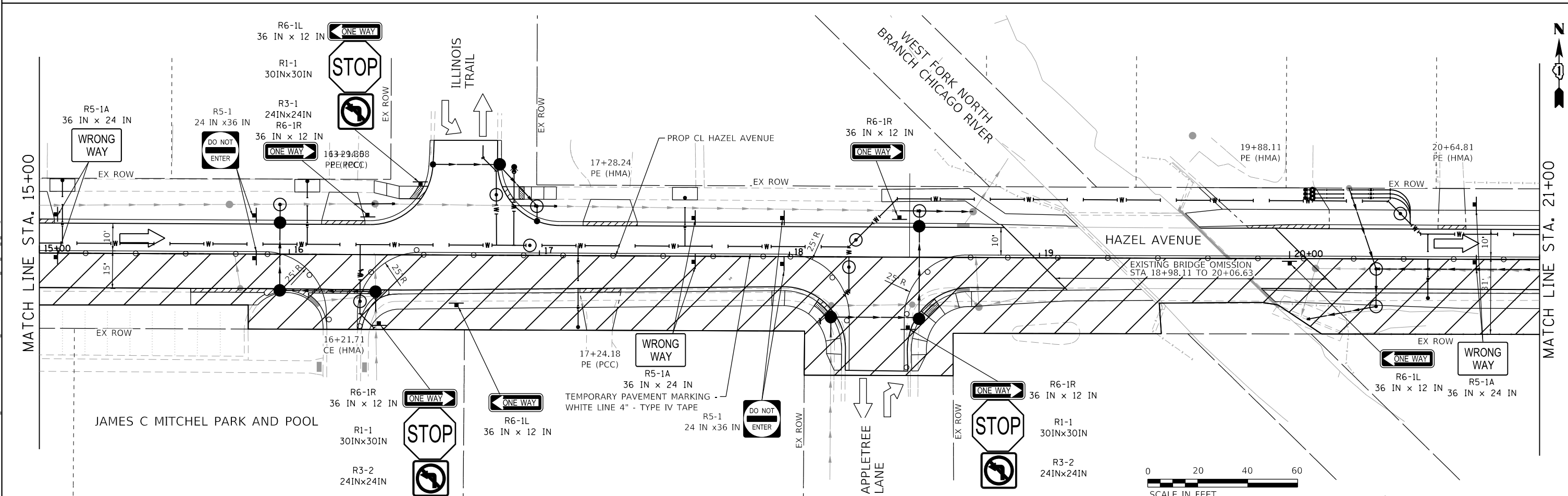


WORK ZONE	W21-1115(O)	36 IN X 18 IN
SPEED LIMIT	R2-1	36IN X 48IN
\$250 FINE MINIMUM	R2-1106P	36IN X 18IN

- NOTES:**
1. CONTRACTOR TO UTILIZE FLAGGERS FOR ALL WATERMAIN WORK OUTSIDE WORK ZONE
 2. CONTRACTOR TO BACKFILL/PLATE ALL UTILITY CROSSING OPEN TO TRAFFIC AT END OF EACH WORKDAY
 3. CONTRACTOR TO REFER TO THE DETOUR PLANS FOR THE ANY ADDITION SIGNAGE
 4. ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS TO BE PLACED ON ALL SIDESTREETS 200' PRIOR TO STOP SIGN LOCATION

LEGEND

	DRUMS OR BARRICADE TY. II, (50' C-C ON TANGENTS, 25' C-C ON TAPERS & CURVES, AND 10' C-C ON RADII)		WORK ZONE
	TEMPORARY TRAFFIC ADVISORY SIGN		BARRICADE TYPE III W/ FLASHING LIGHTS
	DIRECTION OF TRAFFIC		



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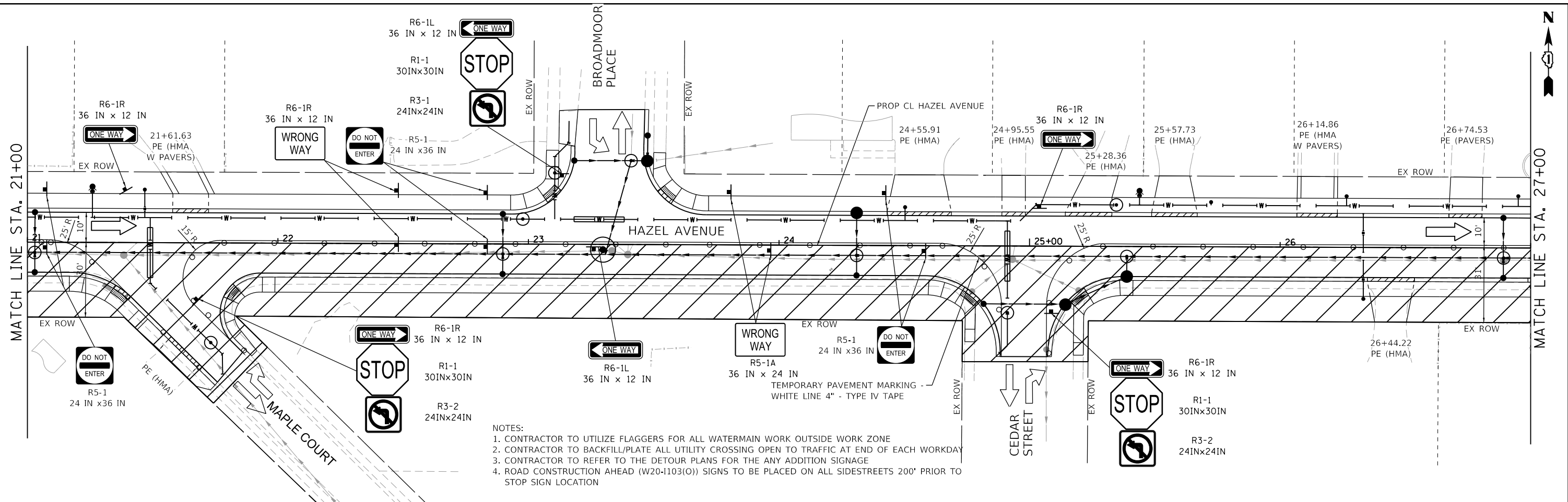
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 2**

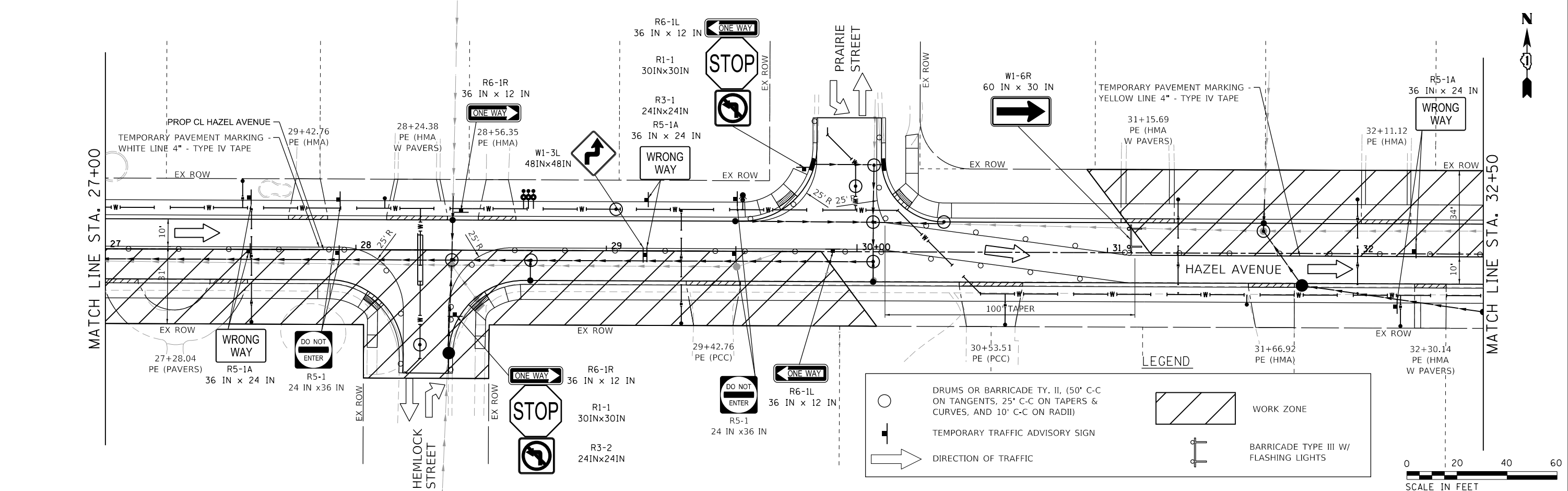
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SHEET 1 OF 5 SHEETS STA. 10+14.75 TO STA. 21+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	67
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. CONTRACTOR TO UTILIZE FLAGGERS FOR ALL WATERMAIN WORK OUTSIDE WORK ZONE
 2. CONTRACTOR TO BACKFILL/PLATE ALL UTILITY CROSSING OPEN TO TRAFFIC AT END OF EACH WORKDAY
 3. CONTRACTOR TO REFER TO THE DETOUR PLANS FOR THE ANY ADDITION SIGNAGE
 4. ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS TO BE PLACED ON ALL SIDESTREETS 200' PRIOR TO STOP SIGN LOCATION



LEGEND

- DRUMS OR BARRICADE TY. II, (50' C-C ON TANGENTS, 25' C-C ON TAPERS & CURVES, AND 10' C-C ON RADII)
- ▬ TEMPORARY TRAFFIC ADVISORY SIGN
- ➔ DIRECTION OF TRAFFIC
- ▨ WORK ZONE
- ⚡ BARRICADE TYPE III W/ FLASHING LIGHTS



MODEL: Defaul
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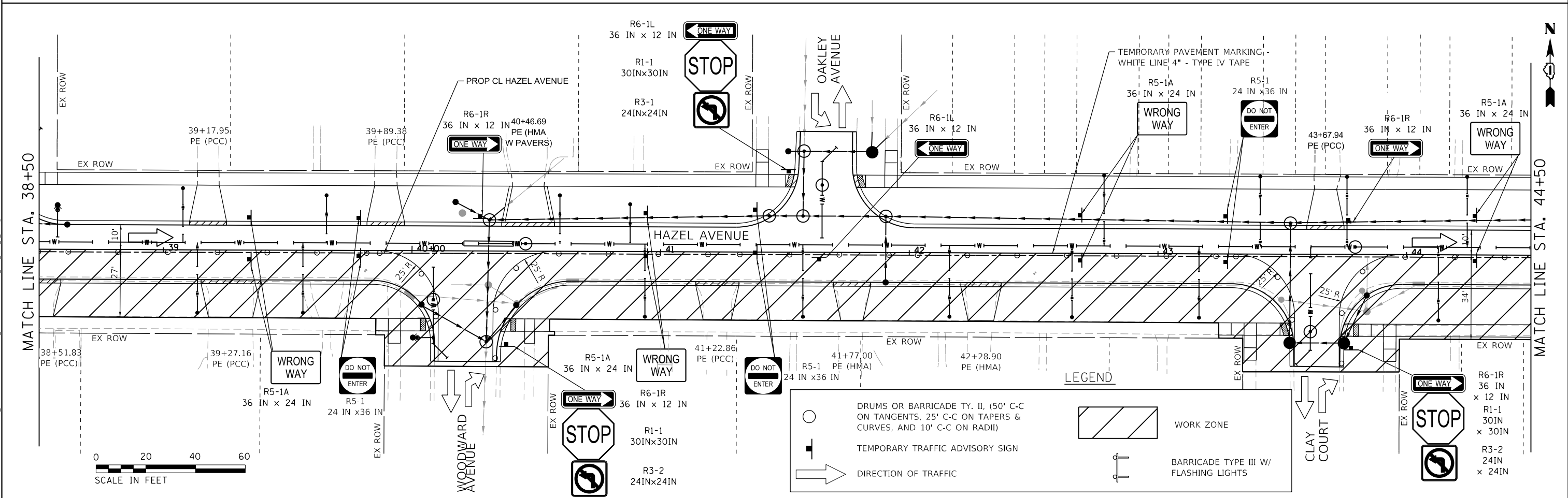
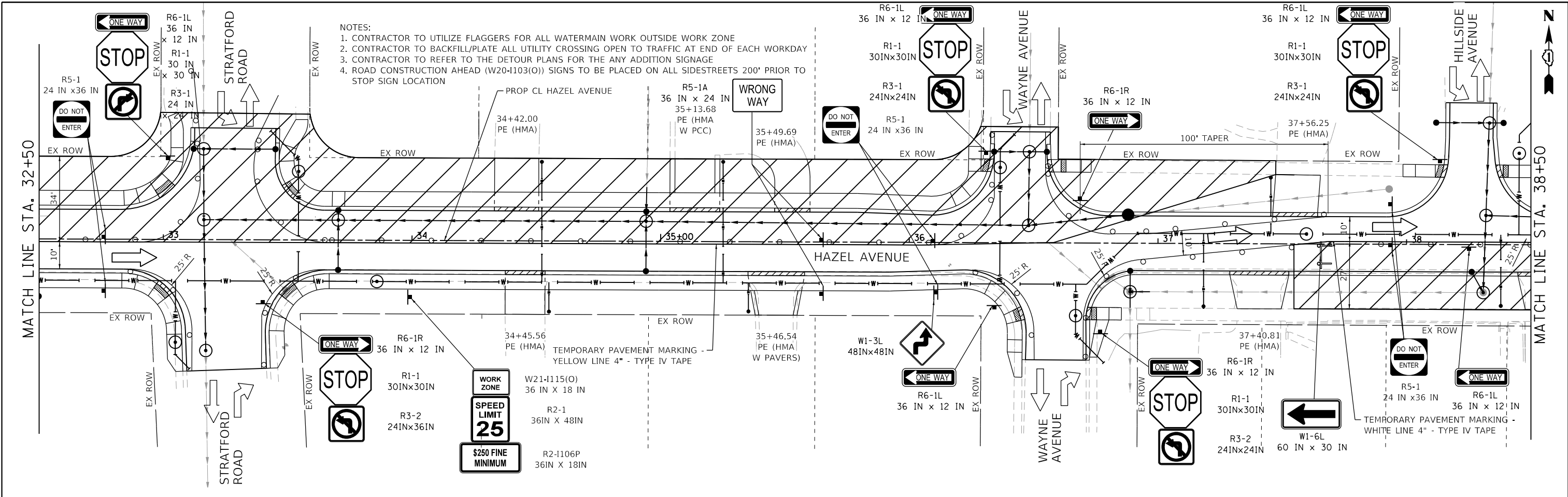
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PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE = 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 2

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. 21+00.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	68
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. CONTRACTOR TO UTILIZE FLAGGERS FOR ALL WATERMAIN WORK OUTSIDE WORK ZONE
 2. CONTRACTOR TO BACKFILL/PLATE ALL UTILITY CROSSING OPEN TO TRAFFIC AT END OF EACH WORKDAY
 3. CONTRACTOR TO REFER TO THE DETOUR PLANS FOR ANY ADDITION SIGNAGE
 4. ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS TO BE PLACED ON ALL SIDESTREETS 200' PRIOR TO STOP SIGN LOCATION

WORK ZONE
SPEED LIMIT 25
\$250 FINE MINIMUM

W21-115(O) 36 IN X 18 IN
 R2-1 36IN X 48IN
 R2-1106P 36IN X 18IN

LEGEND

- DRUMS OR BARRICADE TY. II, (50' C-C ON TANGENTS, 25' C-C ON TAPERS & CURVES, AND 10' C-C ON RADII)
- ▨ WORK ZONE
- ➔ TEMPORARY TRAFFIC ADVISORY SIGN
- ➔ DIRECTION OF TRAFFIC
- ⚡ BARRICADE TYPE III W/ FLASHING LIGHTS



MODEL: Defaul; FILE NAME: E:\030-006-Hazel Avenue Phase II_Design\CD\Drawings\09_MOT\20-001108-00-PV_SHT_MOT_2_03.dwg



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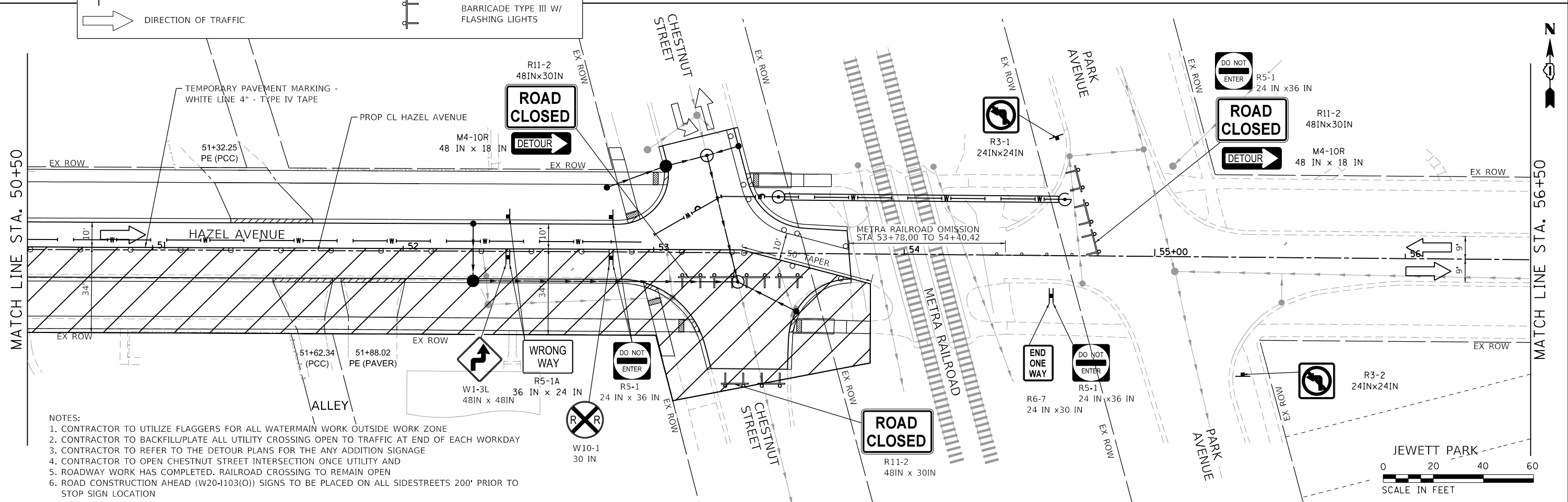
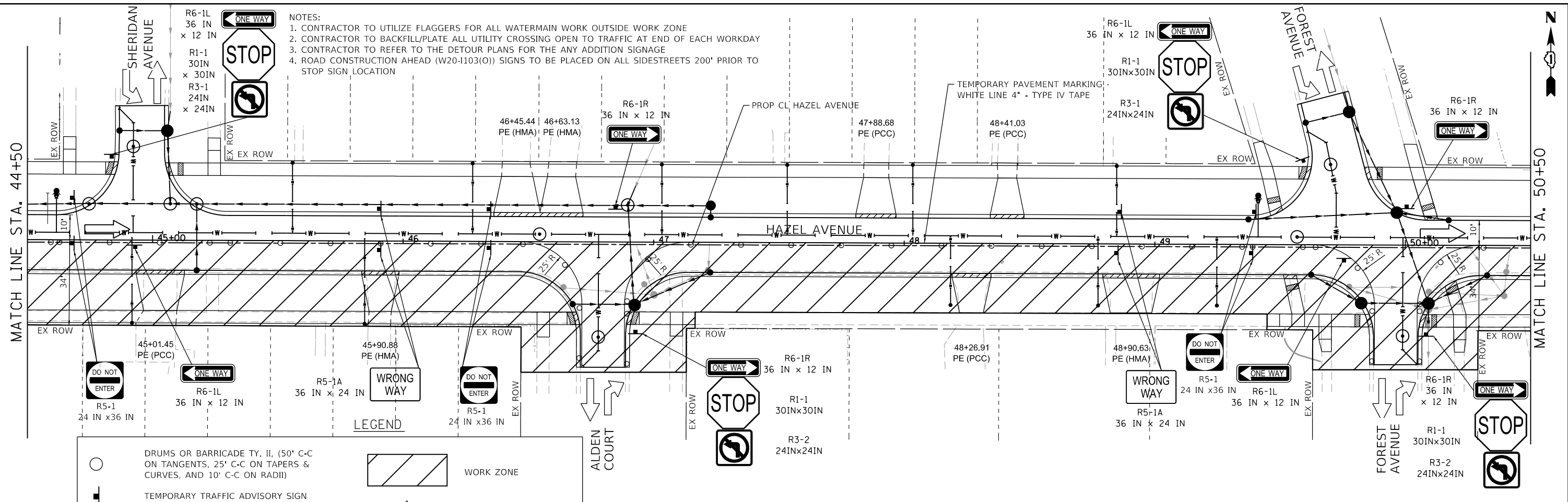
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
 MAINTENANCE OF TRAFFIC - STAGE 2**

SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 32+50.00 TO STA. 44+50.00

F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221	SHEET NO. 69
ILLINOIS FED. AID PROJECT				

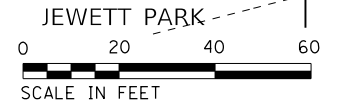
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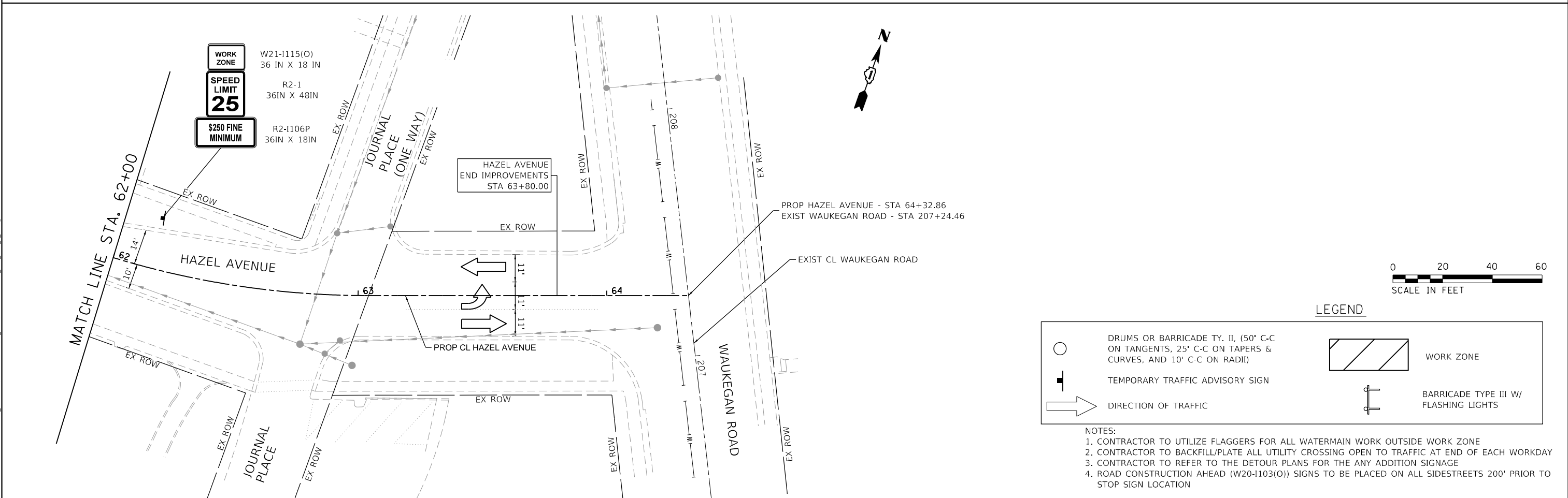
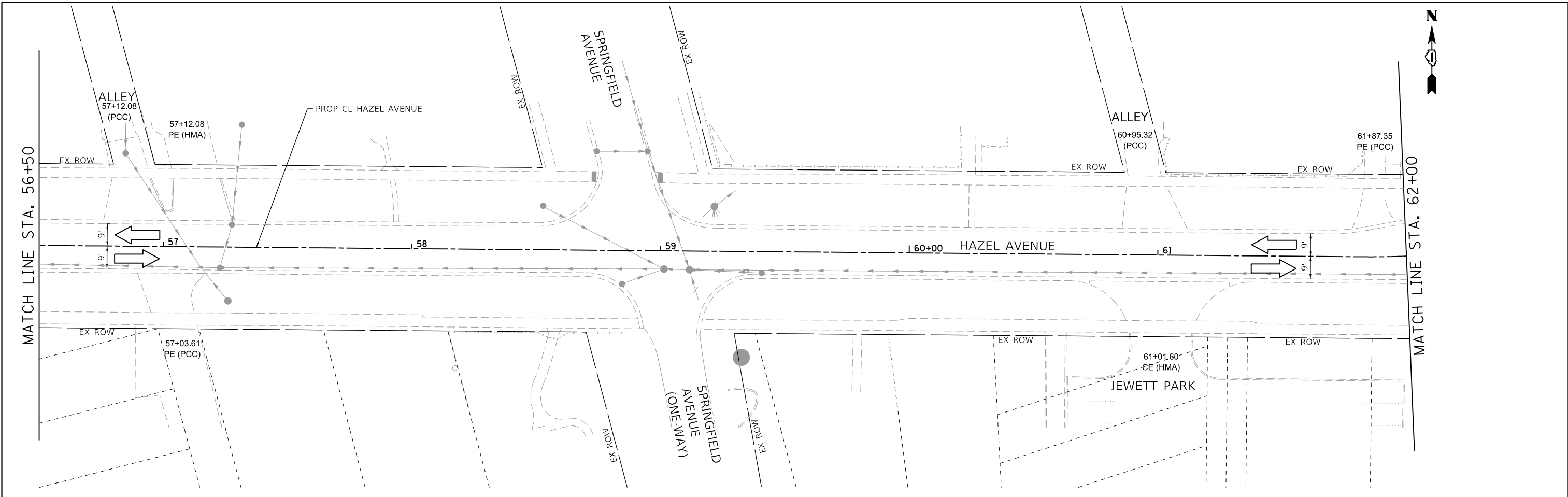


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	PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 61K74					
	PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -			ILLINOIS FED. AID PROJECT					

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SCALE: 1"=20'
 SHEET 4 OF 5 SHEETS
 STA. 44+50.00 TO STA. 56+50.00





WORK ZONE W21-1115(O)
36 IN X 18 IN

SPEED LIMIT 25 R2-1
36IN X 48IN

\$250 FINE MINIMUM R2-1106P
36IN X 18IN

HAZEL AVENUE
END IMPROVEMENTS
STA 63+80.00



LEGEND

- DRUMS OR BARRICADE TY. II, (50' C-C ON TANGENTS, 25' C-C ON TAPERS & CURVES, AND 10' C-C ON RADII)
- TEMPORARY TRAFFIC ADVISORY SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE
- BARRICADE TYPE III W/ FLASHING LIGHTS

- NOTES:**
- CONTRACTOR TO UTILIZE FLAGGERS FOR ALL WATERMAIN WORK OUTSIDE WORK ZONE
 - CONTRACTOR TO BACKFILL/PLATE ALL UTILITY CROSSING OPEN TO TRAFFIC AT END OF EACH WORKDAY
 - CONTRACTOR TO REFER TO THE DETOUR PLANS FOR THE ANY ADDITION SIGNAGE
 - ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS TO BE PLACED ON ALL SIDESTREETS 200' PRIOR TO STOP SIGN LOCATION

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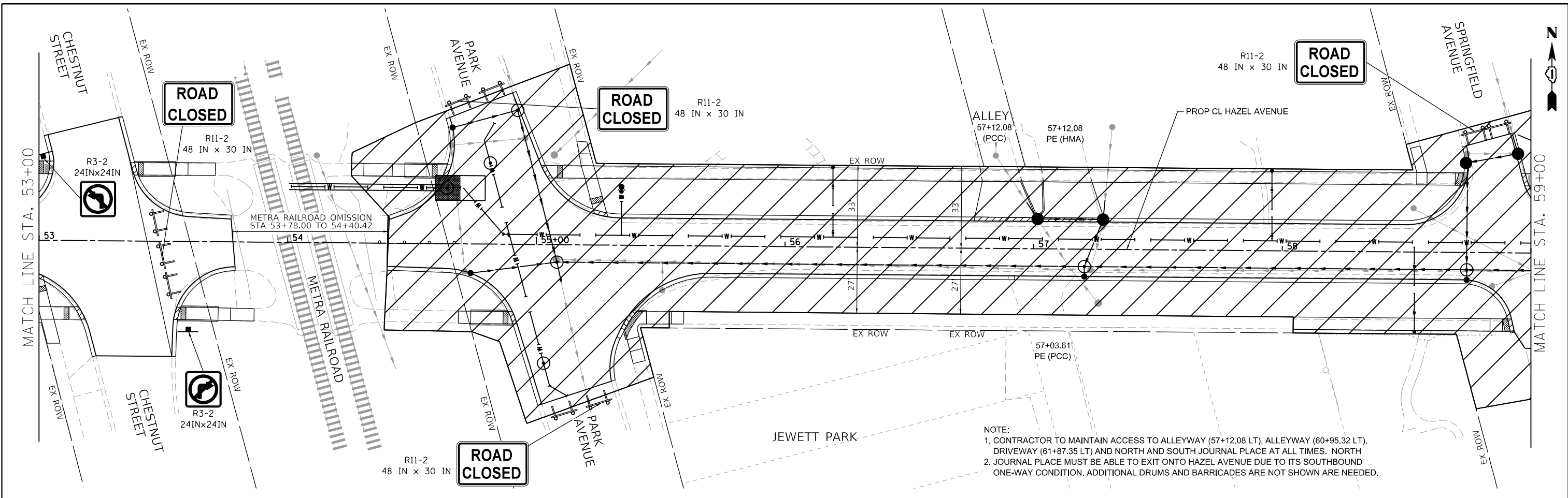
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	DATE = 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

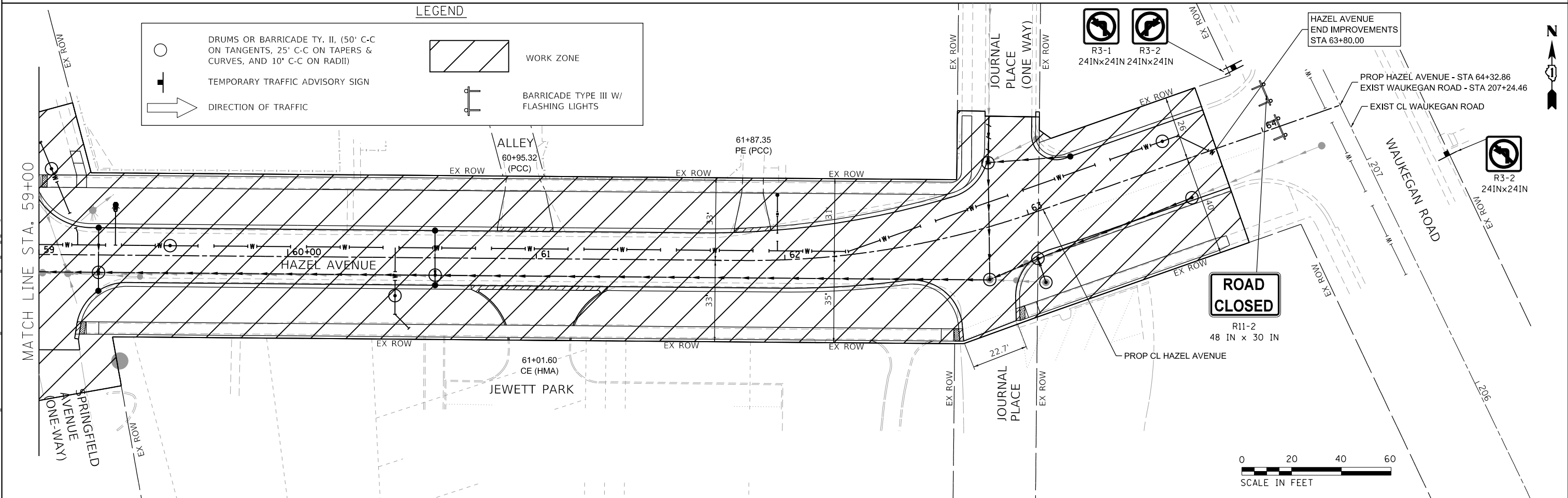
**HAZEL AVENUE IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 2**

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. 56+50.00 TO STA. 64+32.86

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	71
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



NOTE:
 1. CONTRACTOR TO MAINTAIN ACCESS TO ALLEYWAY (57+12.08 LT), ALLEYWAY (60+95.32 LT), DRIVEWAY (61+87.35 LT) AND NORTH AND SOUTH JOURNAL PLACE AT ALL TIMES. NORTH
 2. JOURNAL PLACE MUST BE ABLE TO EXIT ONTO HAZEL AVENUE DUE TO ITS SOUTHBOUND ONE-WAY CONDITION. ADDITIONAL DRUMS AND BARRICADES ARE NOT SHOWN ARE NEEDED.



LEGEND

	DRUMS OR BARRICADE TY. II, (50' C-C ON TANGENTS, 25' C-C ON TAPERS & CURVES, AND 10' C-C ON RADII)		WORK ZONE
	TEMPORARY TRAFFIC ADVISORY SIGN		BARRICADE TYPE III W/ FLASHING LIGHTS
	DIRECTION OF TRAFFIC		

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USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE - 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 3**

SCALE: 1"=20'

SHEET 1 OF 1 SHEETS STA. 53+00.00 TO STA. 64+31.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	72
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

**SMC DIRECTIONAL DRILLING CONTINGENCY PLAN
(REVISED 5/20/09)**

THE LAKE COUNTY STORMWATER MANAGEMENT COMMISSION (SMC) RECOMMENDS THAT, AT A MINIMUM, THIS CONTINGENCY PLAN BE USED TO MINIMIZE ENVIRONMENTAL IMPACTS DUE TO UNCONTROLLED RELEASES OF DRILLING MUD (ASSUMED TO BE BENTONITE PLUS ADDITIVES). THE PROPOSED PLAN MUST BE APPROVED PRIOR TO ISSUANCE OF A WATERSHED DEVELOPMENT PERMIT. THE ENTIRE CONTINGENCY PLAN SHALL BE PLACED ON THE EROSION CONTROL SHEET IN THE DRAWING SET WHERE THE CONTRACTOR WILL SEE IT UP FRONT AND INCLUDE ALL PROVISIONS INTO THE BID.

INTRODUCTION

THE USE OF DIRECTIONAL DRILLING CAN BE THE METHOD OF CHOICE FOR INSTALLING UTILITIES. IDEALLY, THIS TECHNIQUE HAS AN ENTRY PIT AND AN EXIT PIT WITH NO DISTURBANCE IN BETWEEN THEM. THIS IS OFTEN USED FOR DRILLING UNDER ROADS, WETLANDS, CREEKS, ETC. WHERE OPEN CUTS ARE NOT PRACTICAL OR WOULD RESULT IN EXCESSIVE ENVIRONMENTAL IMPACTS.

UNFORTUNATELY, EVERY DIRECTIONAL DRILLING PROJECT HAS THE POTENTIAL FOR THE UNCONTROLLED RELEASE ("FRAC OUT") OF DRILLING MUD INTO THE ENVIRONMENT. RELEASES HAVE OCCURRED IN UPLAND LOCATIONS AND IN WETLAND LOCATIONS AND FROM DRILLING DEPTH OF FIVE FEET TO OVER TWENTY FEET. THE RELEASES HAVE ADVERSELY IMPACTED UPLAND AND WETLAND ECOSYSTEMS, AFFECTED ENVIRONMENTAL AESTHETICS AND HAVE FREQUENTLY RESULTED IN BACKLASH FROM PROPERTY OWNERS AND THE PUBLIC IN GENERAL. FURTHERMORE, CLEANING UP THE DRILLING MUD IS MUCH MORE TIME CONSUMING AND EXPENSIVE THAN PREVENTING, OR AT LEAST IMMEDIATELY CONTAINING AND REMEDIATING, THE RELEASE.

DRILLING MUD TYPICALLY CONSISTS OF A MIXTURE OF WATER, BENTONITE CLAY AND AN EMULSIFIER SUCH AS GUAR GUM. THE PRIMARY PROBLEM IS THE BENTONITE. BENTONITE IS A VERY EFFECTIVE WATERPROOFING AGENT AND IS USED FOR SEALING WELLS, CREATING IMPERMEABLE SLURRY WALLS, ETC. BENTONITE IN WETLANDS HAS A SIMILAR SEALING ACTION AND CAN DESTROY A WETLANDS ABILITY TO INTERACT WITH THE GROUND WATER. FURTHERMORE, BENTONITE CAN SMOTHER BENTHIC COMMUNITIES (THINGS THAT LIVE IN THE BOTTOM SEDIMENTS) AND CREATE WATER THAT IS SO TURBID THAT LITTLE LIGHT REACHES SUBMERGED PLANT LIFE. IT CAN BE NEARLY IMPOSSIBLE TO GET THE BENTONITE OUT OF THE WETLAND WITHOUT SIGNIFICANTLY IMPACTING THE WETLAND IN THE PROCESS. THEREFORE, A CONTINGENCY PLAN IS NEEDED TO IMMEDIATELY AND EFFECTIVELY RESPOND TO DRILLING MUD RELEASES INTO THE ENVIRONMENT.

TREATMENT ALTERNATIVES

THERE ARE THREE PRIMARY WAYS TO KEEP DRILLING MUD OUT OF THE ENVIRONMENT:

1. MINIMIZE DRILLING PRESSURES TO KEEP THE MUD FROM FRACTURING OUT OF THE SOIL AND IF A FRAC OUT IS IDENTIFIED, STOP DRILLING IMMEDIATELY;
2. CONTAIN ANY FRAC OUTS; AND
3. USE ANIONIC POLYMERS TO REMOVE SUSPENDED BENTONITE FROM WATER.

CONTAINMENT

THE MOST PRACTICAL METHOD FOR CONTAINMENT OF DRILLING MUD IN UPLAND AREAS IS CONSTRUCTION OF A BARRIER PLACED AROUND A FRAC OUT AREA TO KEEP THE MUD CONTAINED TO A SMALL AREA. THE BARRIER CAN BE MADE OF LIGHTWEIGHT MATERIALS, SUCH AS ALUMINUM OR PLASTIC, AND SHOULD HAVE HANDLES SO IT CAN BE EASILY TAKEN TO THE FRAC OUT AREA. THE BARRIER MAY BE SANDBAGS, SILT FENCE OR OTHER MEASURE AS LONG AS IT IS EFFECTIVE AND CAN BE INSTALLED IMMEDIATELY.

CONTAINMENT IN WETLANDS AND FLOWING STREAMS IS MUCH MORE DIFFICULT BECAUSE, ONCE SUSPENDED IN THE WATER, THE BENTONITE IS SO FINE IT WILL PASS THROUGH MOST CONTAINMENT STRUCTURES LIKE SILT FENCE OR TURBIDITY BARRIERS. THE MOST PRACTICAL APPROACH IN OPEN WATER IS TO IMMEDIATELY STOP DRILLING AND ISOLATE THE AREA USING A TURBIDITY BARRIER OR CONTAINMENT BOX, AS APPROPRIATE. THE CONTAINED WATER MUST THEN BE REMOVED USING A VACUUM TRUCK OR TREATED WITH APPROPRIATE ANIONIC POLYMERS AND REMOVED BY VACUUM OR MANUAL METHODS.

POLYMERS

POLYMERS ARE BRANCHED ORGANIC MOLECULES THAT GRAB ONTO SMALL SUSPENDED PARTICLES RESULTING IN ONE LARGE PARTICLE THAT IS HEAVY ENOUGH TO SETTLE OUT OF THE WATER. THERE ARE ESSENTIALLY TWO KINDS OF POLYMERS, CATIONIC AND ANIONIC. CATIONIC POLYMERS CAN BE TOXIC TO FRESHWATER AQUATIC LIFE (THEY STICK ONTO GILLS) AND SHOULD NOT BE USED. THERE ARE A WIDE VARIETY OF TYPES AND FORMS OF ANIONIC POLYMERS AVAILABLE BUT THEY DO NOT ALL WORK EQUALLY WELL IN REMOVING SUSPENDED CLAY FROM WATER. A KNOWLEDGEABLE POLYMER VENDOR MUST EVALUATE THE SITE-SPECIFIC CONDITIONS AND RECOMMEND APPROPRIATE POLYMERS TO USE AND HOW TO USE THEM. THIS EVALUATION AND RECOMMENDATION SHOULD TAKE PLACE DURING THE DESIGN PHASE OF THE PROJECT SO APPROPRIATE POLYMERS CAN BE AVAILABLE ON-SITE DURING ALL PHASES OF THE WORK. POLYMERS ARE ONLY REQUIRED TO BE AVAILABLE ONSITE IF DRILLING WILL BE UNDER OR NEAR STREAMS OR OTHER WETLANDS.

CONTINGENCY PLAN CONTENTS

THE SMC SHALL REQUIRE, AT A MINIMUM, A CONTINGENCY PLAN WITH THE FOLLOWING COMPONENTS:

GENERAL INFORMATION REQUIREMENTS

1. NAME, ADDRESS AND PHONE NUMBER OF ONSITE DRILLING COMPANY REPRESENTATIVE;
2. MATERIAL SAFETY DATA SHEETS (MSDS) FOR DRILLING MUD CONSTITUENTS;
3. NAME, ADDRESS AND PHONE NUMBER OF ANIONIC POLYMER VENDOR;
4. CATALOG CUT SHEETS FOR EACH RECOMMENDED POLYMER, DIRECTIONS FOR USE AND ANY LIMITATIONS;
5. A BRIEF NARRATIVE DISCUSSING THE DIRECTIONAL DRILLING OPERATION, IDENTIFICATION OF LIKELY PROBLEM LOCATIONS AND PROPOSED METHODS OF ENSURING THAT FRAC OUTS DO NOT OCCUR OR ARE PROPERLY CONTAINED.

MINIMUM OPERATIONAL REQUIREMENTS

1. AT LEAST ONE VACUUM TRUCK MUST BE ONSITE DURING ALL DRILLING OPERATIONS AND AT LEAST ONE ADDITIONAL VACUUM TRUCK SHALL BE READILY AVAILABLE OR ON STAND-BY AT A NEARBY LOCATION, AS APPROPRIATE
2. AT LEAST ONE FULL TIME PERSON TO WALK THE DRILLING ROUTE AND IDENTIFY FRAC OUTS AND COORDINATE REMEDIATION. THIS MAY BEST BE ACCOMPLISHED BY A DESIGNATED EROSION CONTROL INSPECTOR (DECI).
3. VERIFICATION OF ADEQUATE POLYMER STORED ONSITE TO TREAT AT LEAST ONE RELEASE INTO WETLANDS OR STREAMS WITH THE UNDERSTANDING THAT ADDITIONAL POLYMER WILL BE PROCURED IF THE FIRST IS USED
4. FRAC OUTS IN UPLAND AREAS THAT DO NOT AFFECT WETLANDS OR OTHER SENSITIVE AREAS ARE TO BE SUMMARIZED IN A WEEKLY REPORT TO THE SMC DETAILING THE AMOUNT OF DRILLING MUD RELEASED, THE METHOD OF CONTAINMENT, REMEDIATION METHOD USED AND ANY ADDITIONAL RELEVANT INFORMATION
5. SMC MUST BE CONTACTED IMMEDIATELY IF A FRAC OUT AFFECTS WETLAND AREAS. APPROPRIATE TELEPHONE NUMBERS SHOULD BE A PART OF THE CONTINGENCY PLAN. EACH FRAC OUT MUST BE SUMMARIZED IN DAILY REPORTS TO THE SMC DETAILING THE AMOUNT OF DRILLING MUD RELEASED, THE METHOD OF CONTAINMENT, REMEDIATION METHOD USED AND ANY ADDITIONAL RELEVANT INFORMATION

SMC OR THE LOCAL COMMUNITY MAY HAVE ADDITIONAL REQUIREMENTS TO THE ABOVE LIST DEPENDING ON THE LOCATION, LENGTH AND DEPTH OF THE PROPOSED DIRECTIONAL DRILLING.

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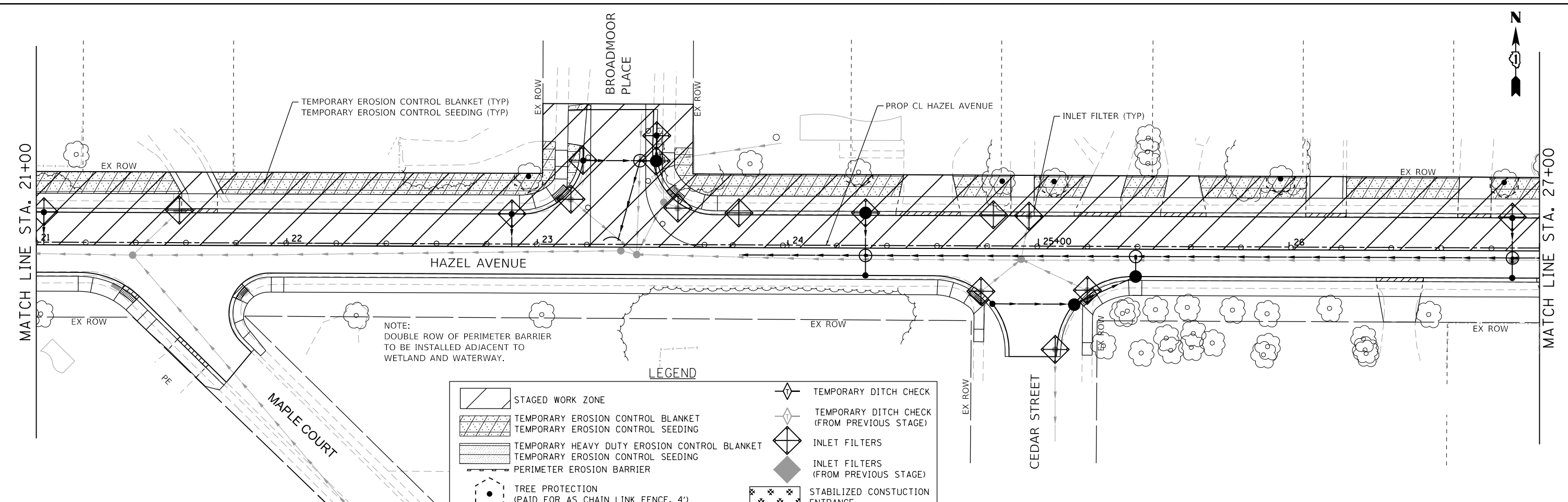
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	DATE 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HAZEL AVENUE IMPROVEMENTS			
EROSION AND SEDIMENT CONTROL SEQUENCE AND GENERAL NOTES			
SCALE: N.T.S.	SHEET 2	OF 17 SHEETS	STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	74
ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 61K74				

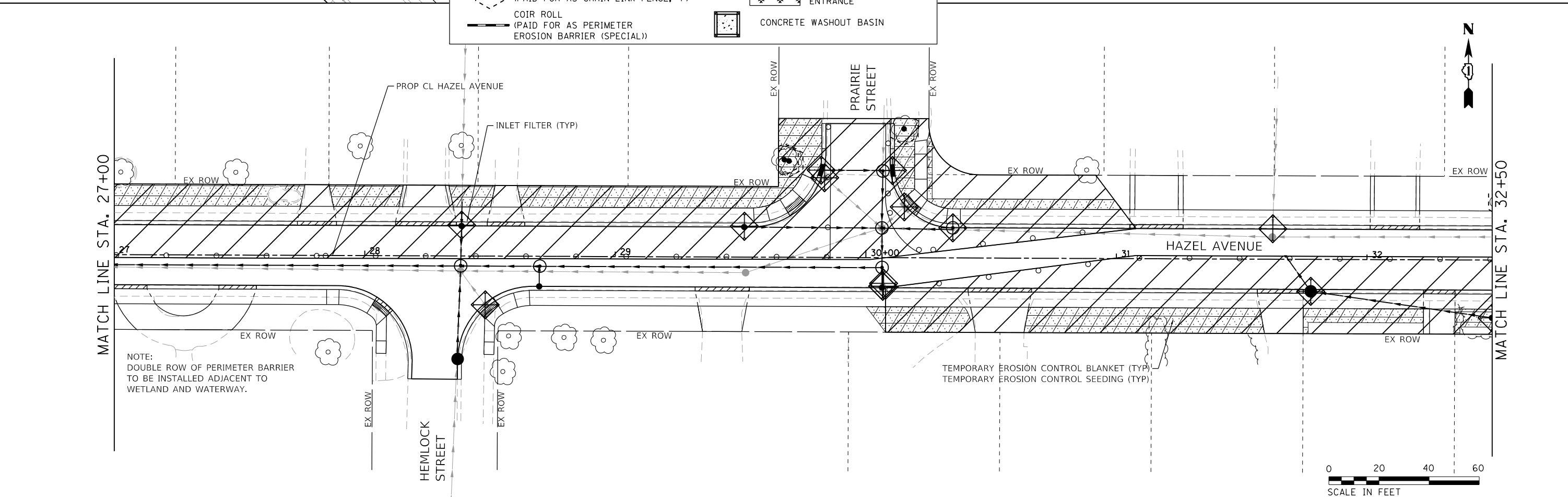
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NOTE:
 DOUBLE ROW OF PERIMETER BARRIER
 TO BE INSTALLED ADJACENT TO
 WETLAND AND WATERWAY.

LEGEND

	STAGED WORK ZONE		TEMPORARY DITCH CHECK
	TEMPORARY EROSION CONTROL BLANKET TEMPORARY EROSION CONTROL SEEDING		TEMPORARY DITCH CHECK (FROM PREVIOUS STAGE)
	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET TEMPORARY EROSION CONTROL SEEDING		INLET FILTERS
	PERIMETER EROSION BARRIER		INLET FILTERS (FROM PREVIOUS STAGE)
	TREE PROTECTION (PAID FOR AS CHAIN LINK FENCE, 4')		STABILIZED CONSTRUCTION ENTRANCE
	COIR ROLL (PAID FOR AS PERIMETER EROSION BARRIER (SPECIAL))		CONCRETE WASHOUT BASIN



NOTE:
 DOUBLE ROW OF PERIMETER BARRIER
 TO BE INSTALLED ADJACENT TO
 WETLAND AND WATERWAY.

TEMPORARY EROSION CONTROL BLANKET (TYP)
 TEMPORARY EROSION CONTROL SEEDING (TYP)



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
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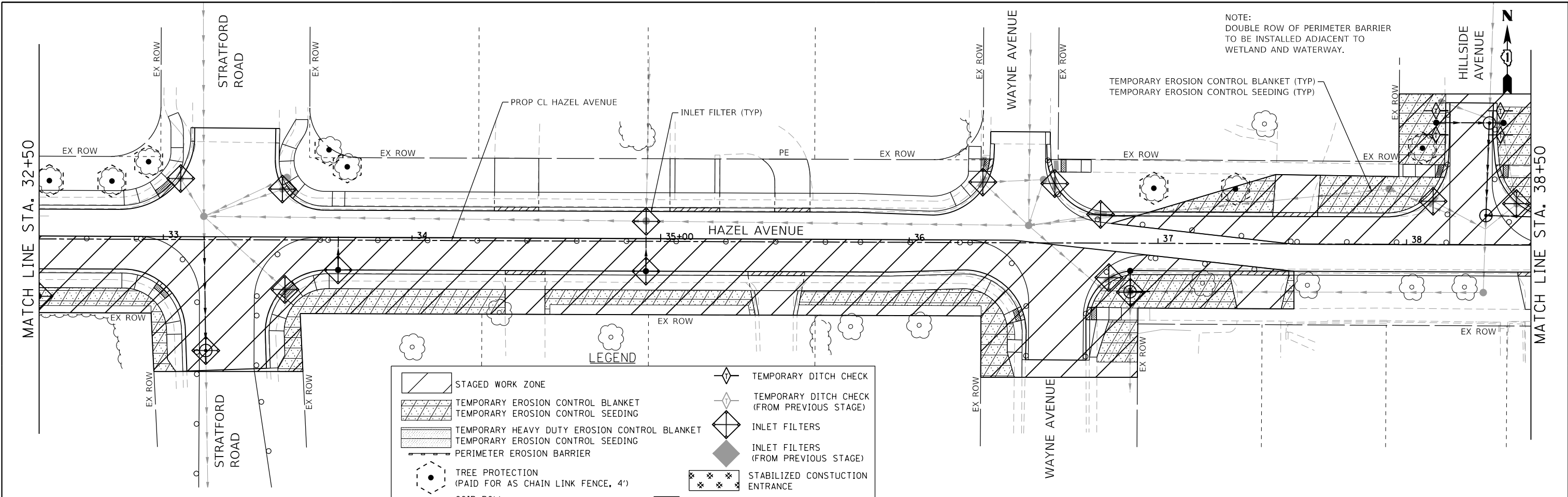
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
 EROSION AND SEDIMENT CONTROL PLAN - STAGE 1**

SCALE: 1"=20' SHEET 4 OF 17 SHEETS STA. 21+00.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	76
CONTRACT NO. 61K74				

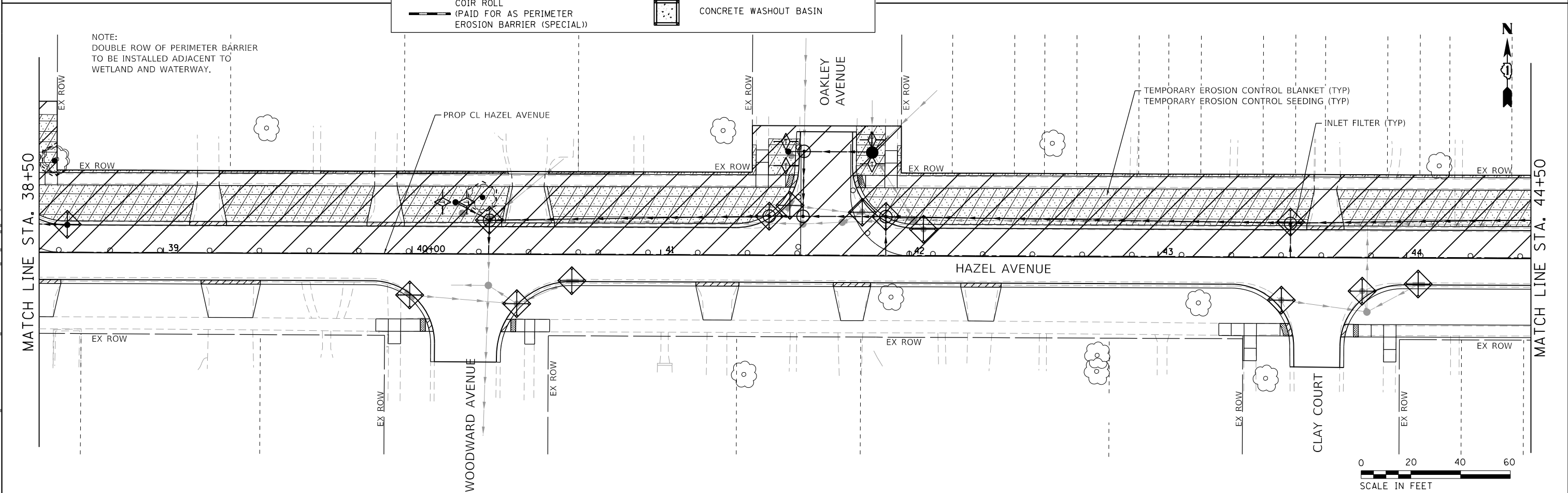
ILLINOIS FED. AID PROJECT



NOTE:
DOUBLE ROW OF PERIMETER BARRIER
TO BE INSTALLED ADJACENT TO
WETLAND AND WATERWAY.

LEGEND

	STAGED WORK ZONE		TEMPORARY DITCH CHECK
	TEMPORARY EROSION CONTROL BLANKET		TEMPORARY DITCH CHECK (FROM PREVIOUS STAGE)
	TEMPORARY EROSION CONTROL SEEDING		INLET FILTERS
	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET		INLET FILTERS (FROM PREVIOUS STAGE)
	TEMPORARY EROSION CONTROL SEEDING		STABILIZED CONSTRUCTION ENTRANCE
	PERIMETER EROSION BARRIER		CONCRETE WASHOUT BASIN
	TREE PROTECTION (PAID FOR AS CHAIN LINK FENCE, 4')		
	COIR ROLL (PAID FOR AS PERIMETER EROSION BARRIER (SPECIAL))		



NOTE:
DOUBLE ROW OF PERIMETER BARRIER
TO BE INSTALLED ADJACENT TO
WETLAND AND WATERWAY.



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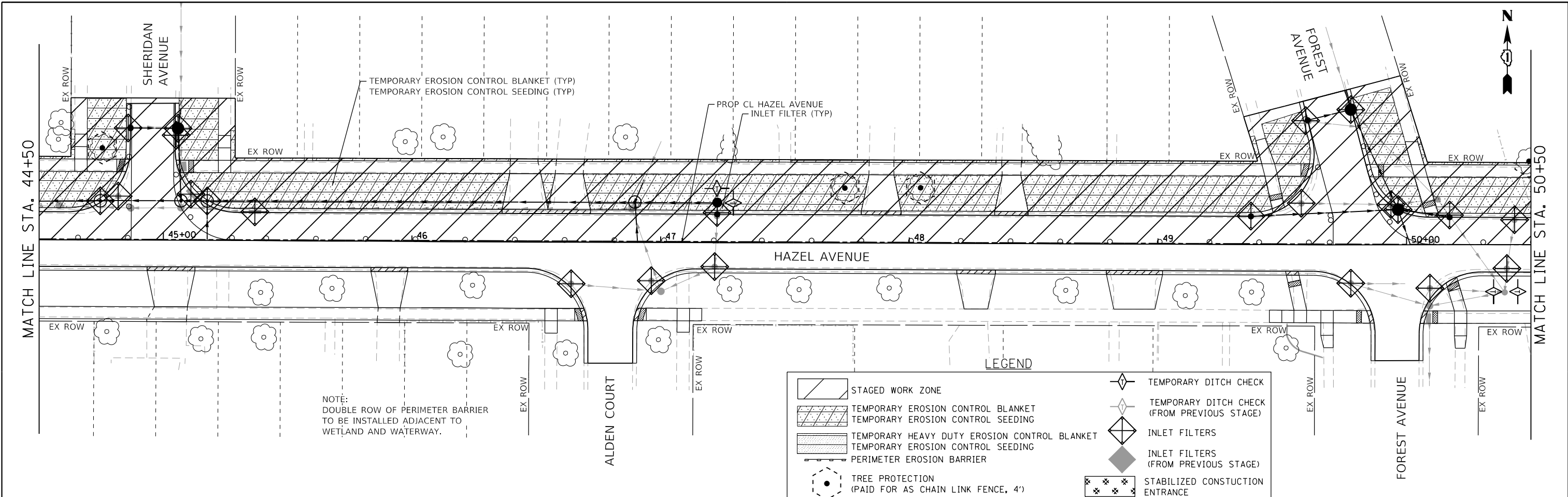
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	DATE - 09/09/2024	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
EROSION AND SEDIMENT CONTROL PLAN - STAGE 1**

SCALE: 1"=20' SHEET 5 OF 17 SHEETS STA. 32+50.00 TO STA. 44+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	77
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

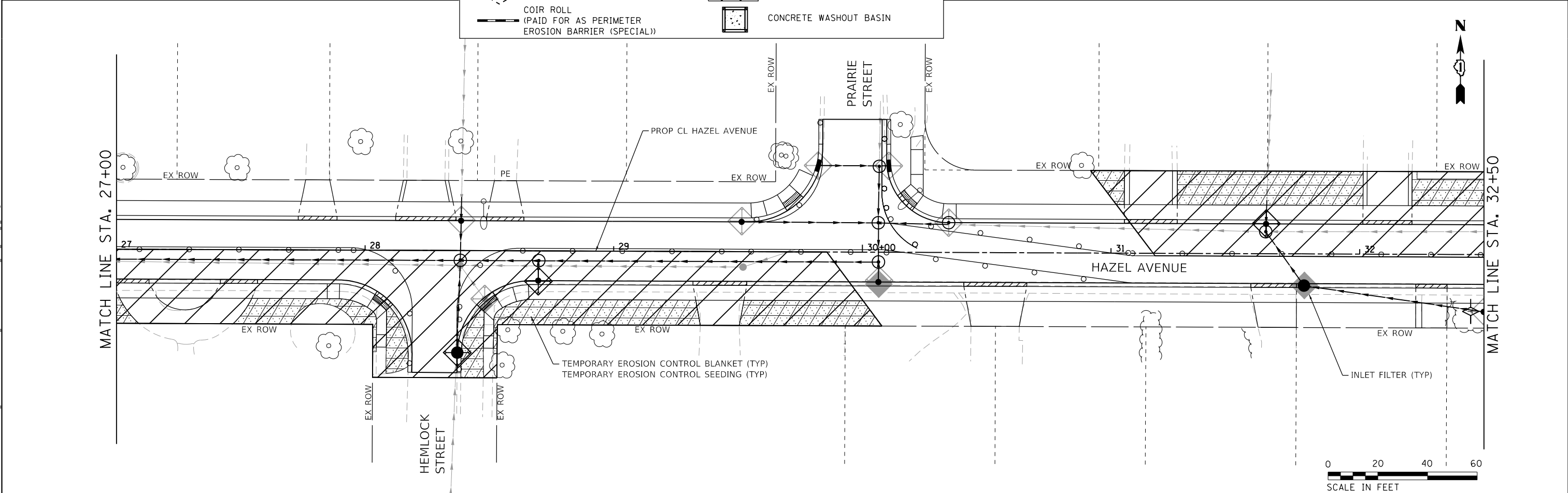
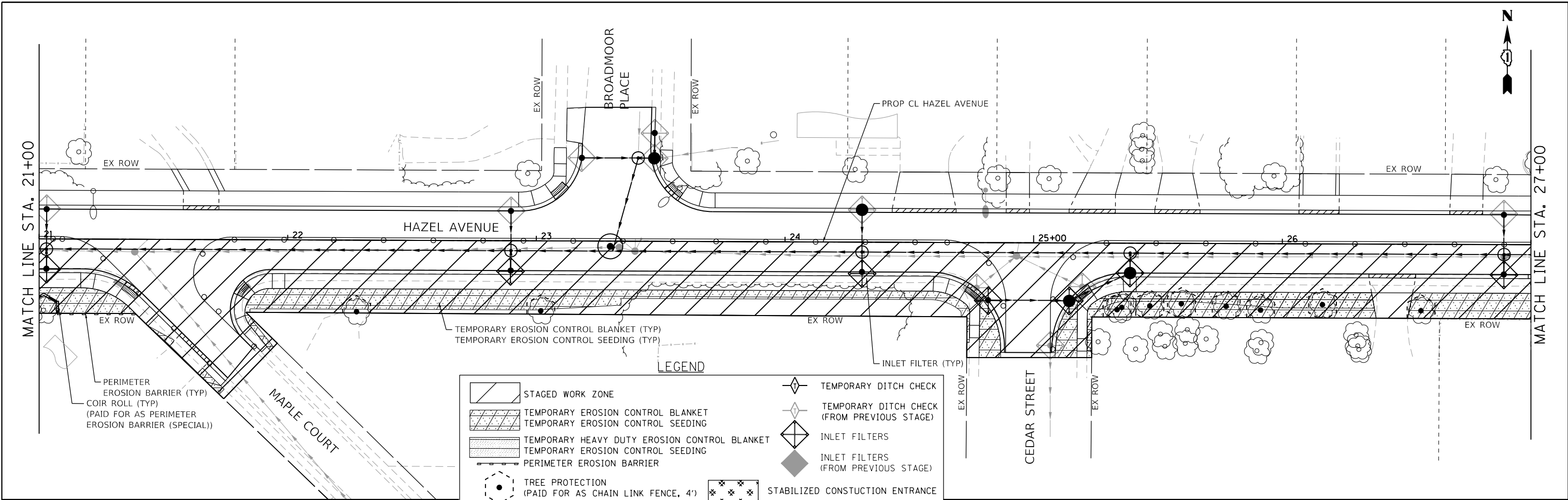


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PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE - 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
EROSION AND SEDIMENT CONTROL PLAN - STAGE 1
 SCALE: 1"=20' SHEET 6 OF 17 SHEETS STA. 44+50.00 TO STA. 56+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	78
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



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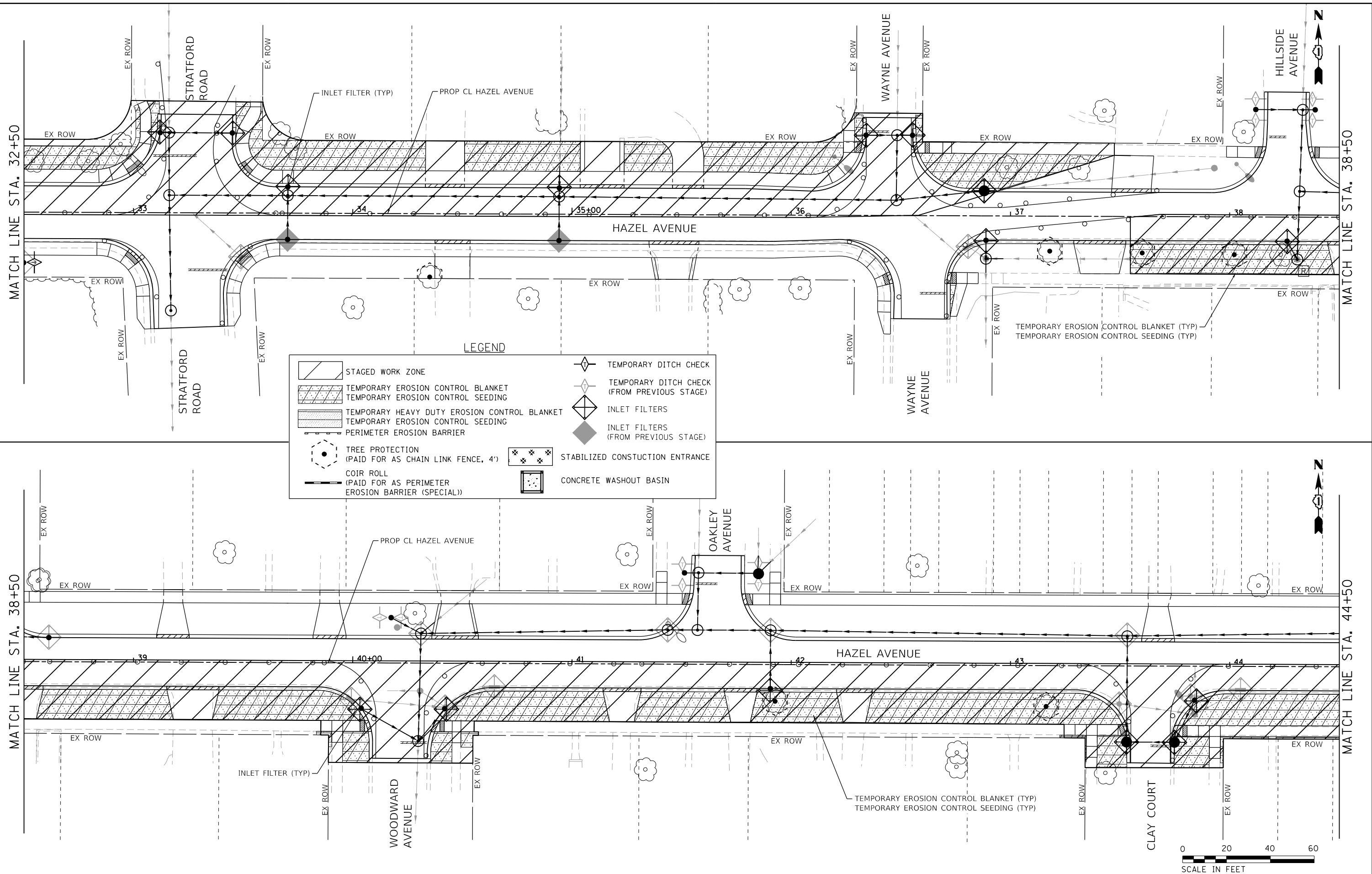
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	DATE - 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS EROSION AND SEDIMENT CONTROL PLAN - STAGE 2			
SCALE: 1"=20'	SHEET 8	OF 17 SHEETS	STA. 21+00.00 TO STA. 32+50.00

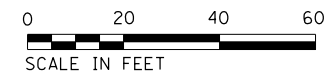
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1263	20-00108-00-PV	LAKE	221	80
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

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LEGEND

	STAGED WORK ZONE		TEMPORARY DITCH CHECK
	TEMPORARY EROSION CONTROL BLANKET		TEMPORARY DITCH CHECK (FROM PREVIOUS STAGE)
	TEMPORARY EROSION CONTROL SEEDING		INLET FILTERS
	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET		INLET FILTERS (FROM PREVIOUS STAGE)
	TEMPORARY EROSION CONTROL SEEDING		STABILIZED CONSTRUCTION ENTRANCE
	PERIMETER EROSION BARRIER		CONCRETE WASHOUT BASIN
	TREE PROTECTION (PAID FOR AS CHAIN LINK FENCE, 4')		
	COIR ROLL (PAID FOR AS PERIMETER EROSION BARRIER (SPECIAL))		



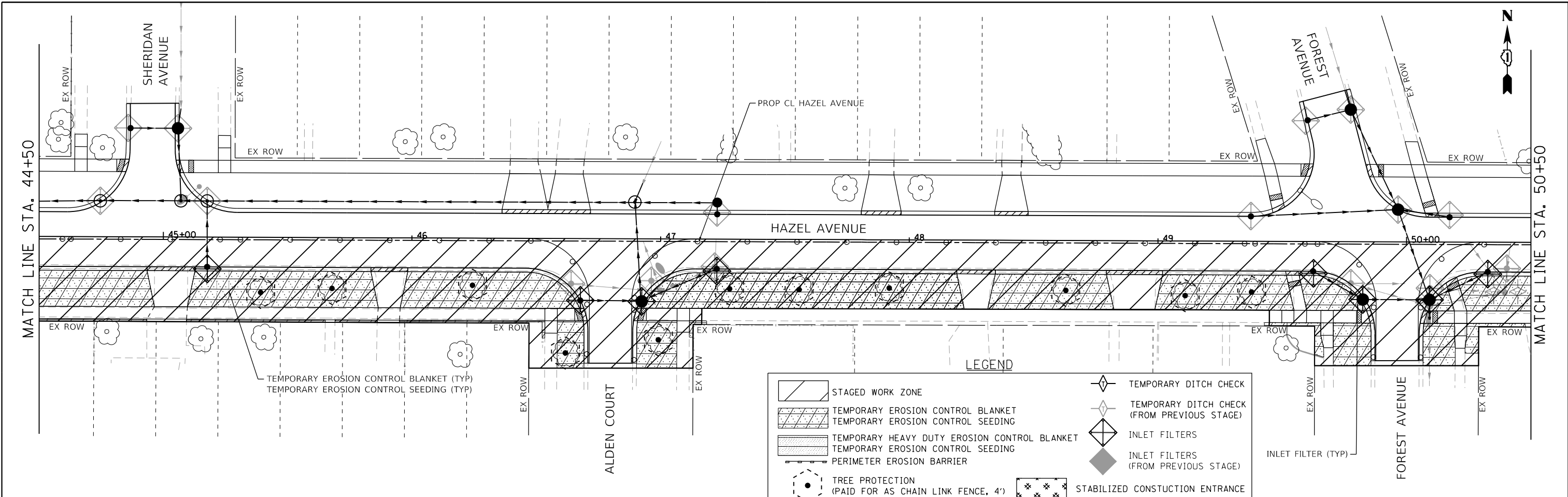
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PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE - 09/09/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
 EROSION AND SEDIMENT CONTROL PLAN - STAGE 2**

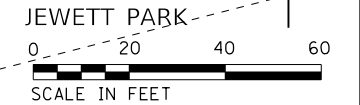
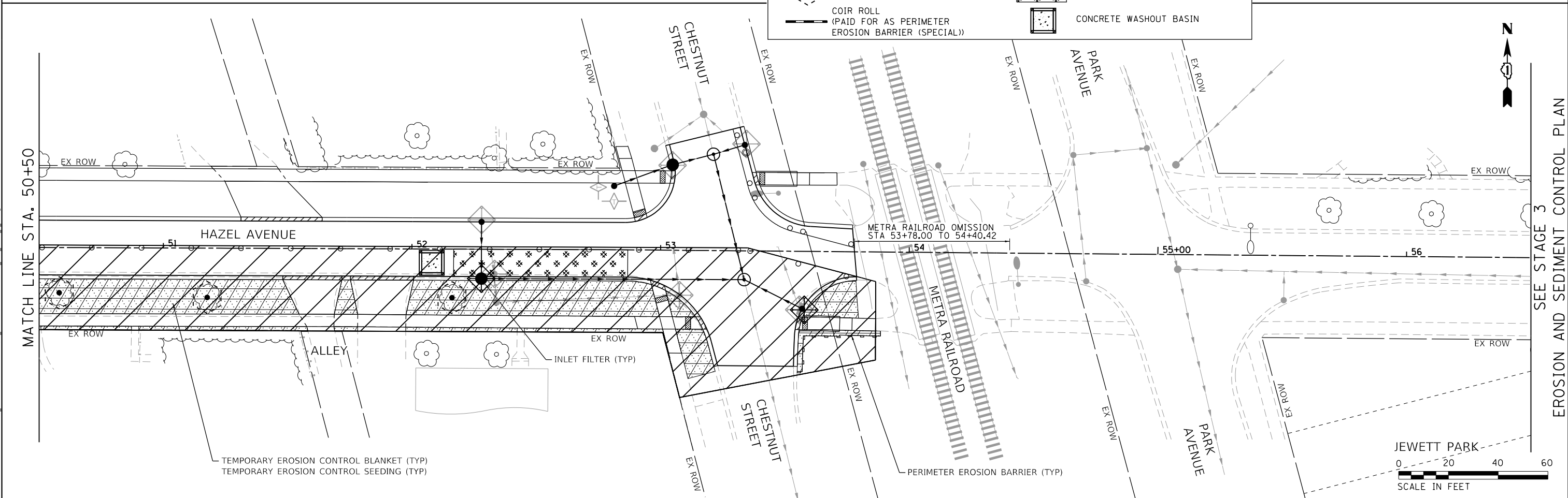
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	81
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



LEGEND

	STAGED WORK ZONE		TEMPORARY DITCH CHECK
	TEMPORARY EROSION CONTROL BLANKET TEMPORARY EROSION CONTROL SEEDING		TEMPORARY DITCH CHECK (FROM PREVIOUS STAGE)
	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET TEMPORARY EROSION CONTROL SEEDING		INLET FILTERS
	PERIMETER EROSION BARRIER		INLET FILTERS (FROM PREVIOUS STAGE)
	TREE PROTECTION (PAID FOR AS CHAIN LINK FENCE, 4')		STABILIZED CONSTRUCTION ENTRANCE
	COIR ROLL (PAID FOR AS PERIMETER EROSION BARRIER (SPECIAL))		CONCRETE WASHOUT BASIN



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	DRAWN -	REVISED -
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PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

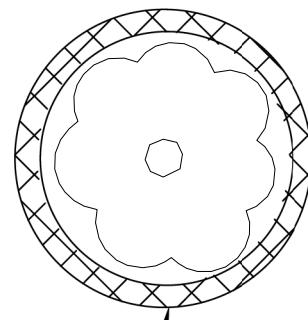
HAZEL AVENUE IMPROVEMENTS
EROSION AND SEDIMENT CONTROL PLAN - STAGE 2

SCALE: 1"=20' SHEET 10 OF 17 SHEETS STA. 44+50.00 TO STA. 56+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	82
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

SEE STAGE 3
 EROSION AND SEDIMENT CONTROL PLAN

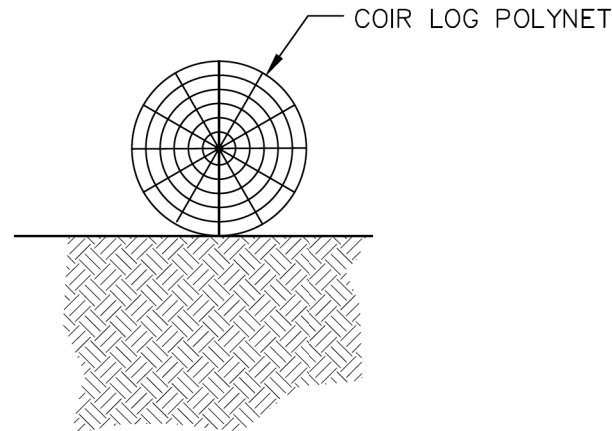
PLAN VIEW



COIR LOG POLYNET

PERIMETER EROSION BARRIER (SPECIAL)

SECTION VIEW



COIR LOG POLYNET

* USE 9LB DENSITY 12" DIAMETER, 20' LONG COIR LOG POLYNET FOR STANDARD CIRCULAR DRAINAGE STRUCTURES. PLACE THE COIR LOG AROUND THE STRUCTURE AND JOIN THE ENDS TOGETHER WITH COIR TWINE. USE 2"x2"x24" WOODEN STAKES SPACED 3' APART TO HOLD DOWN LOG POLYNET.

MAINTENANCE

1. CLEAN OUT SEDIMENT BEHIND LOG WHEN 1/2 FULL
2. RESECURE LOOSE LOGS
3. REPLACE LOGS AS NEEDED
4. REMOVE WHEN NOT NEEDED

NOTES:

1. DO NOT SCALE DRAWING.
2. REFER TO MANUFACTURER'S PRODUCT SPECIFICATIONS TO ENSURE QUALITY OF THE PRODUCTS.

REVISED FEBRUARY 2022



VILLAGE OF DEERFIELD

**COIR ROLL DETAIL
PERIMETER EROSION BARRIER (SPECIAL)**

NOT TO SCALE

HARDWOOD 2" NOMINAL THICKNESS
POSTS AT 6' MAX SPACING

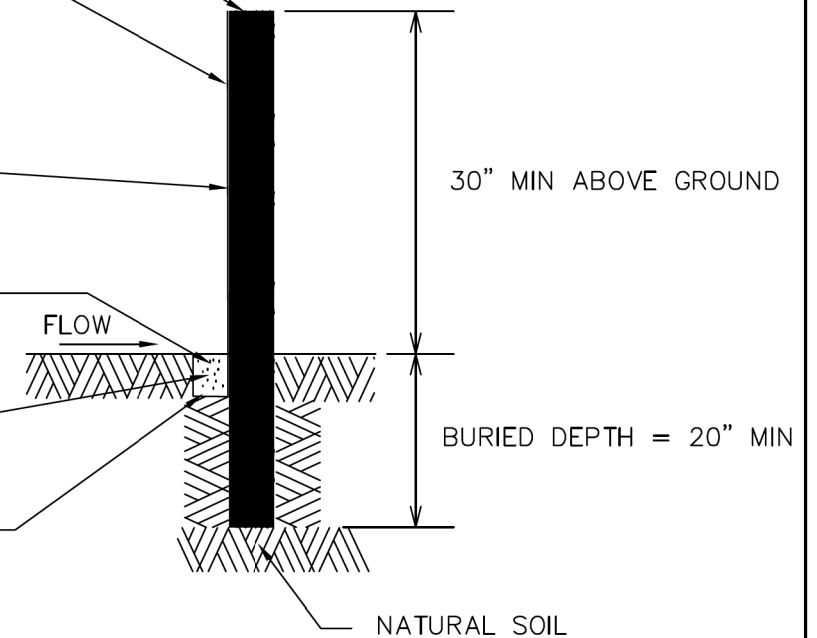
ATTACH GEOTEXILE FILTER FABRIC
PER AASHTO M288 STANDARD TO
EACH POST WITH A MINIMUM OF 3
FASTENERS PER POST AND EXTEND
TO THE BOTTOM THE TRENCH

WOVEN WIRE FENCE
(MIN) 14 1/2 " GAUGE)
(MAX) 6" MESH SPACING)

BACKFILL AND COMPACT THE
EXCAVATED SPOIL MATERIAL

MIN. 6"x6" TRENCH

EXTEND FABRIC INTO TRENCH
A MINIMUM OF 6" VERTICALLY
AND 6" HORIZONTALLY



30" MIN ABOVE GROUND

BURIED DEPTH = 20" MIN

NATURAL SOIL

NOTES:

1. PERIMETER EROSION BARRIERS SHALL BE PLACED AT THOSE LOCATIONS SHOWN ON THE PLANS.
2. ATTACH FABRIC TO POSTS WITH STAPLES, ZIP-TIES, OR WIRE TIES.
3. OVERLAP FILTER FABRIC BY 6" AND FOLD WHERE 2 SECTIONS ADJOIN.
4. INSPECTION OF SILT FENCE SHALL BE AT LEAST ONCE PER WEEK AND AFTER PRECIPITATION EVENTS EQUAL TO 0.5" OR GREATER. REPAIR OR REPLACEMENT SHALL BE MADE IMMEDIATELY AS NEEDED.
5. REMOVED SEDIMENT SHALL BE PROMPTLY DISPOSED OF WHENEVER SIGNIFICANT ACCUMULATION OCCURS.
6. PERMANENT REMOVAL OF THE PERIMETER EROSION BARRIER SHALL BE AT THE DIRECTION OF THE VILLAGE.

NOTE: PERIMETER EROSION BARRIERS SHALL NOT BE PLACED USING TRENCH METHOD NEAR TREES.

REVISED FEBRUARY 2022



VILLAGE OF DEERFIELD

**PERIMETER EROSION BARRIER
DETAIL**

NOT TO SCALE

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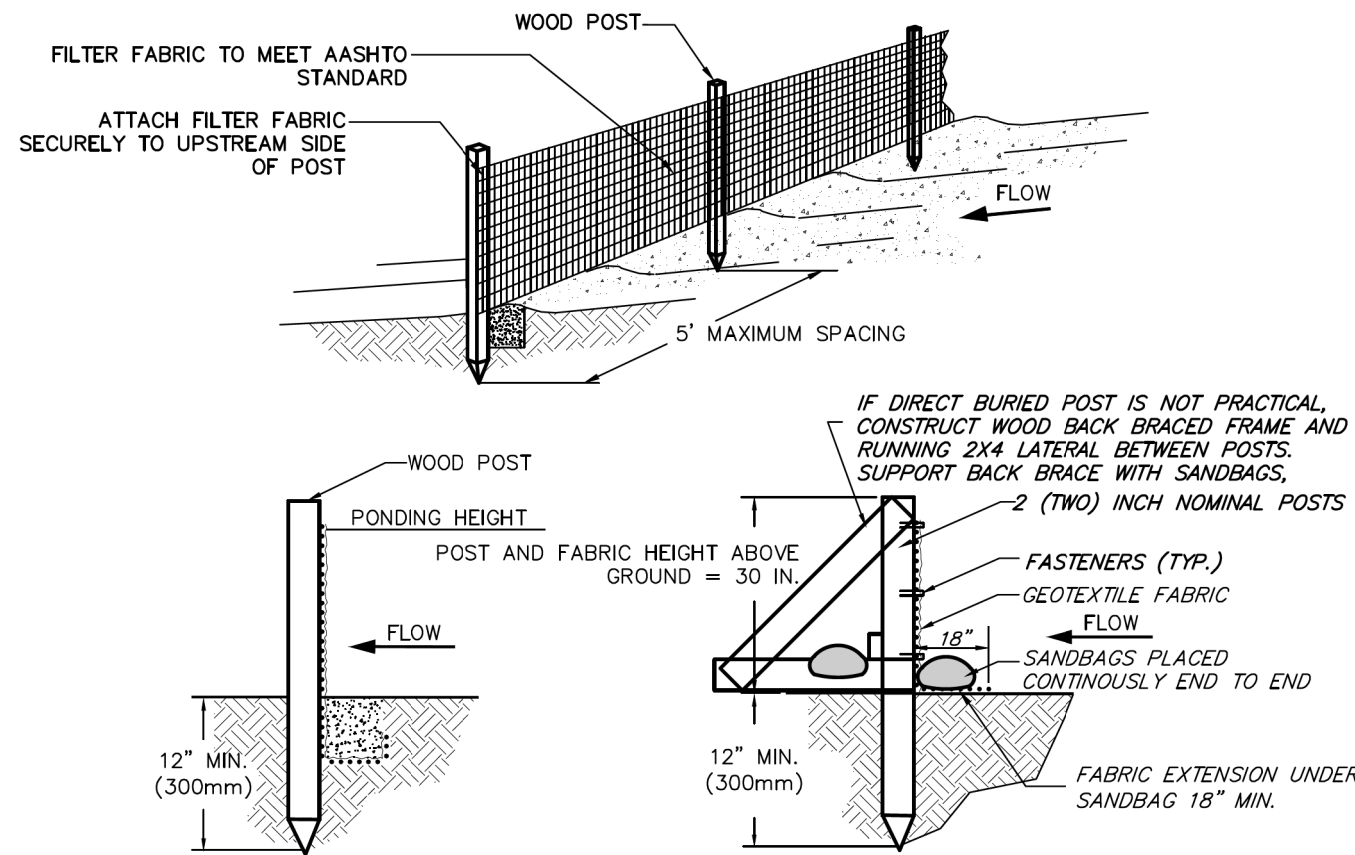
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	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
EROSION AND SEDIMENT CONTROL DETAILS

SCALE: NTS SHEET 12 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	84
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



TRENCH DETAIL (TYPE A)

INSTALLATION WITHOUT TRENCHING (TYPE B)

1. SET POSTS AND EXCAVATE OR SLIT-TRENCH A 6-INCH DEEP TRENCH UPSLOPE ALONG THE LINE OF THE POST
2. ATTACH GEOTEXTILE FILTER FABRIC TO EACH POST WITH A MINIMUM OF 3(THREE) FASTENERS PER POST AND EXTEND TO THE BOTTOM OF THE TRENCH. ACCEPTABLE FASTENERS INCLUDE STAPLES, ZIP-TIES, OR WIRE TIES.
3. BACKFILL AND COMPACT THE EXCAVATED SPOIL MATERIALS

Geotextile Requirement	Test Method	MARV
Grab Strength	ASTM D 4632	
	-Machine direction	550 N
	-X-machine direction	450 N
Permittivity	ASTM D 4491	0.05 sec ⁻¹
Apparent opening size*	ASTM D 4751	0.60 mm
Ultraviolet stability (retained strength)	ASTM D 4355	70% after 500 hours

Note:
Value for apparent opening size represents maximum average roll value.

NOTES:

1. PEB* SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
4. FABRIC AND INSTALLATION SHALL MEET THE REQUIREMENTS OF AASHTO STANDARD SPECIFICATION M-288-00.

*PERIMETER EROSION BARRIER

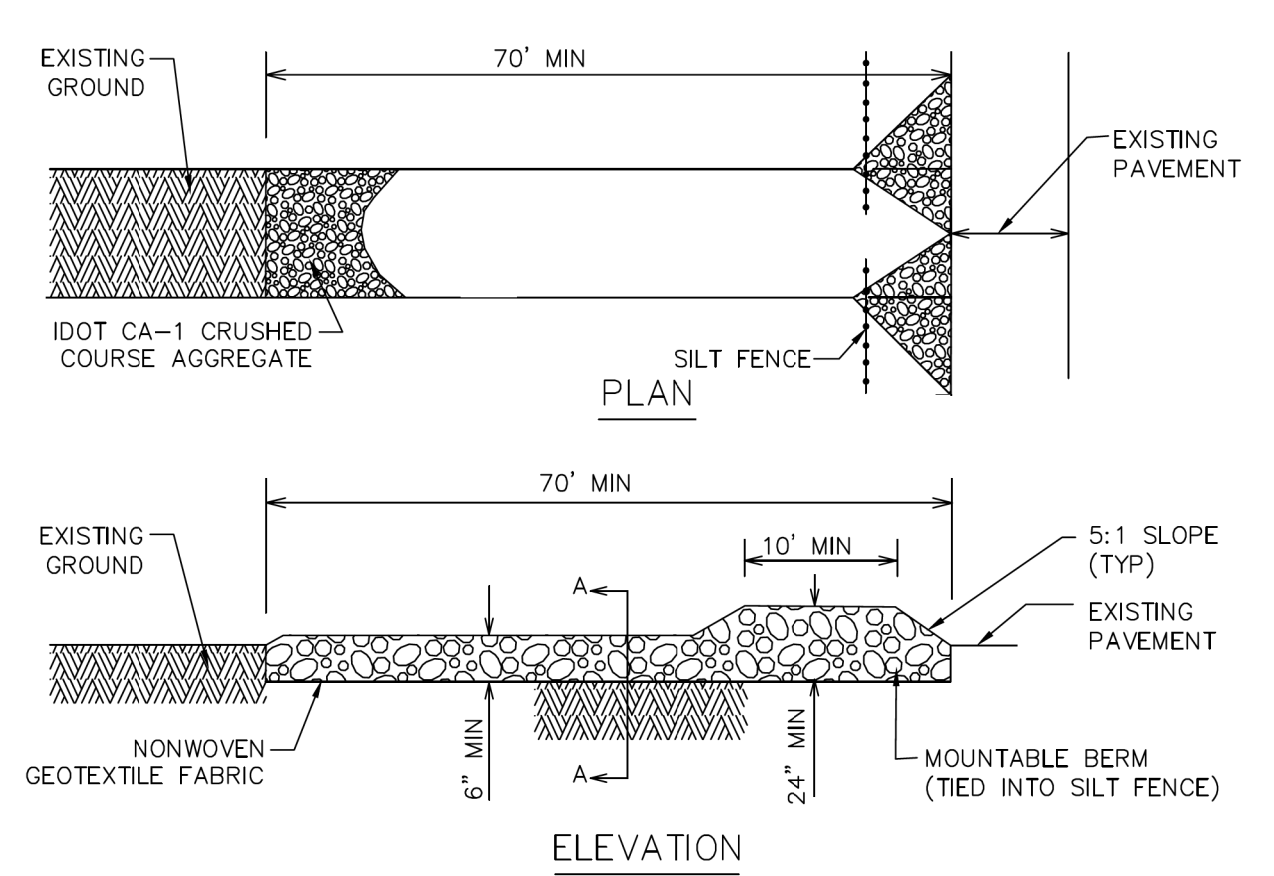
REVISED FEBRUARY 2022



VILLAGE OF DEERFIELD

PERIMETER EROSION BARRIER INSTALLATION DETAIL

NOT TO SCALE



PLAN

ELEVATION

SECTION A-A

NOTES:

1. ALL SURFACE WATER FLOWING OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED ACROSS THE ENTRANCE.
2. STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED, PRIOR TO CONSTRUCTION OPERATIONS AND SHALL BE MAINTAINED THROUGHOUT THE PROJECT. ANY SEDIMENT SPILLED ONTO PUBLIC RIGHT-OF-WAY(S) SHALL BE REMOVED IMMEDIATELY.
3. CONSTRUCTION ENTRANCE SHALL BE REMOVED AFTER THE DISTURBED AREA IS STABILIZED AND AT THE DIRECTION OF THE VILLAGE.

REVISED FEBRUARY 2022



VILLAGE OF DEERFIELD

STABILIZED CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE

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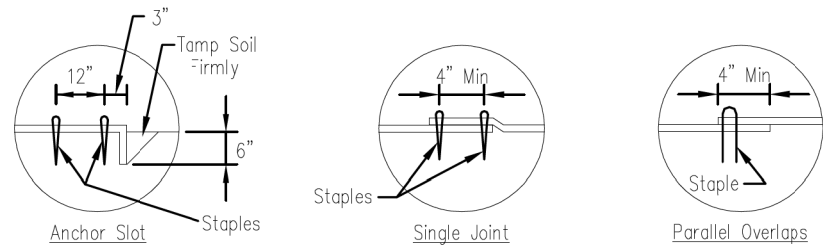
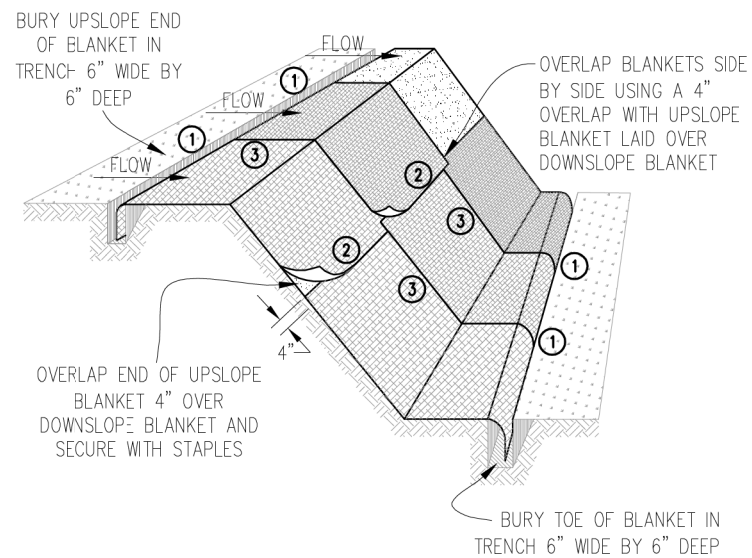
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PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
EROSION AND SEDIMENT CONTROL DETAILS

SCALE: NTS SHEET 13 OF 17 SHEETS STA. TO STA.

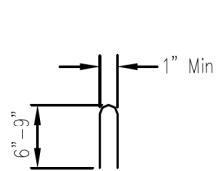
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CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				



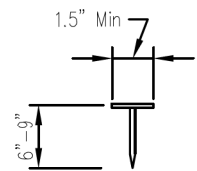
DETAIL 1

DETAIL 2

DETAIL 3



STAPLE DETAIL



PUSH PIN DETAIL

NOTES:

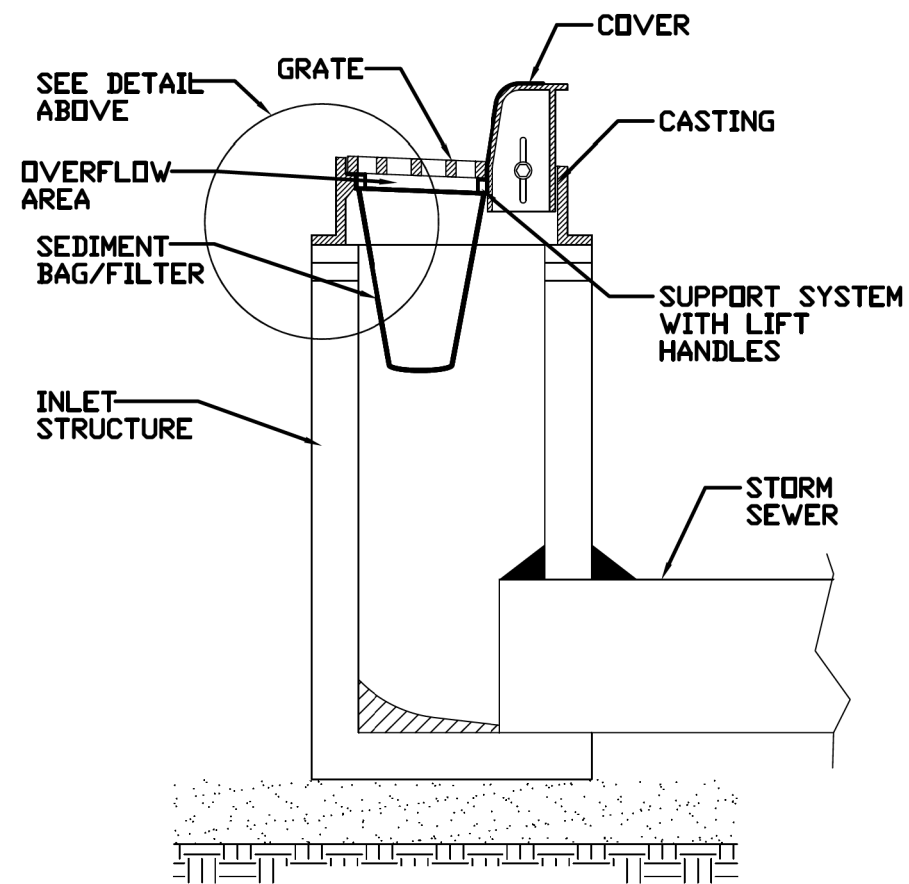
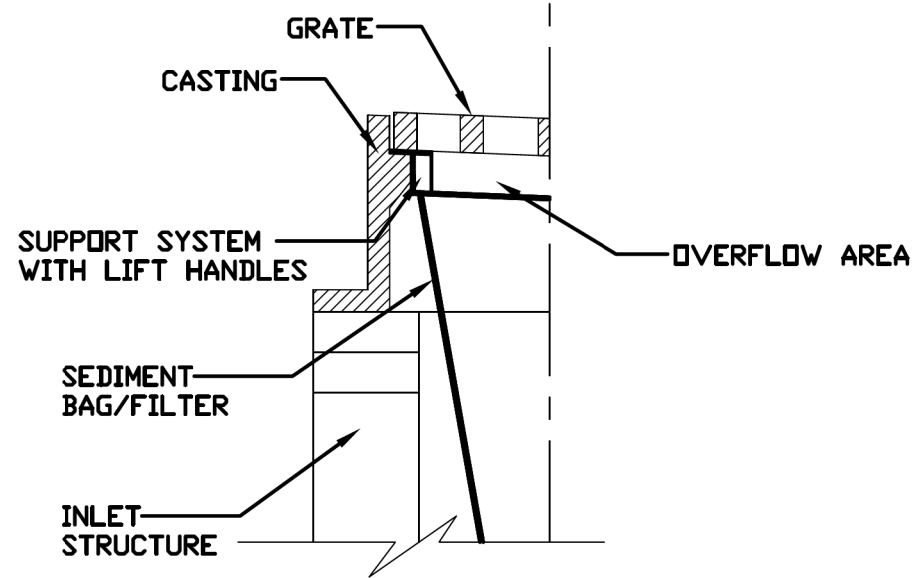
1. Staples shall be placed in a diamond pattern at 2 per s.y. for stiched blankets. Non-stiched shall use 4 staples per s.y. of material. This equates to 200 staples with stiched blanket and 400 stapels with non-stiched blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

Sheet 1 of 1
 File No. IUM-530
 Drawing No.

EROSION CONTROL
 BLANKET INSTALLATION DETAILS

Designed		Date	
Drawn	B. JOHNSON	11/08	
Checked			
Approved			

INLET PROTECTION - PAVED AREAS
 DROP-IN PROTECTION



REFERENCE	
Project	_____ Date _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____

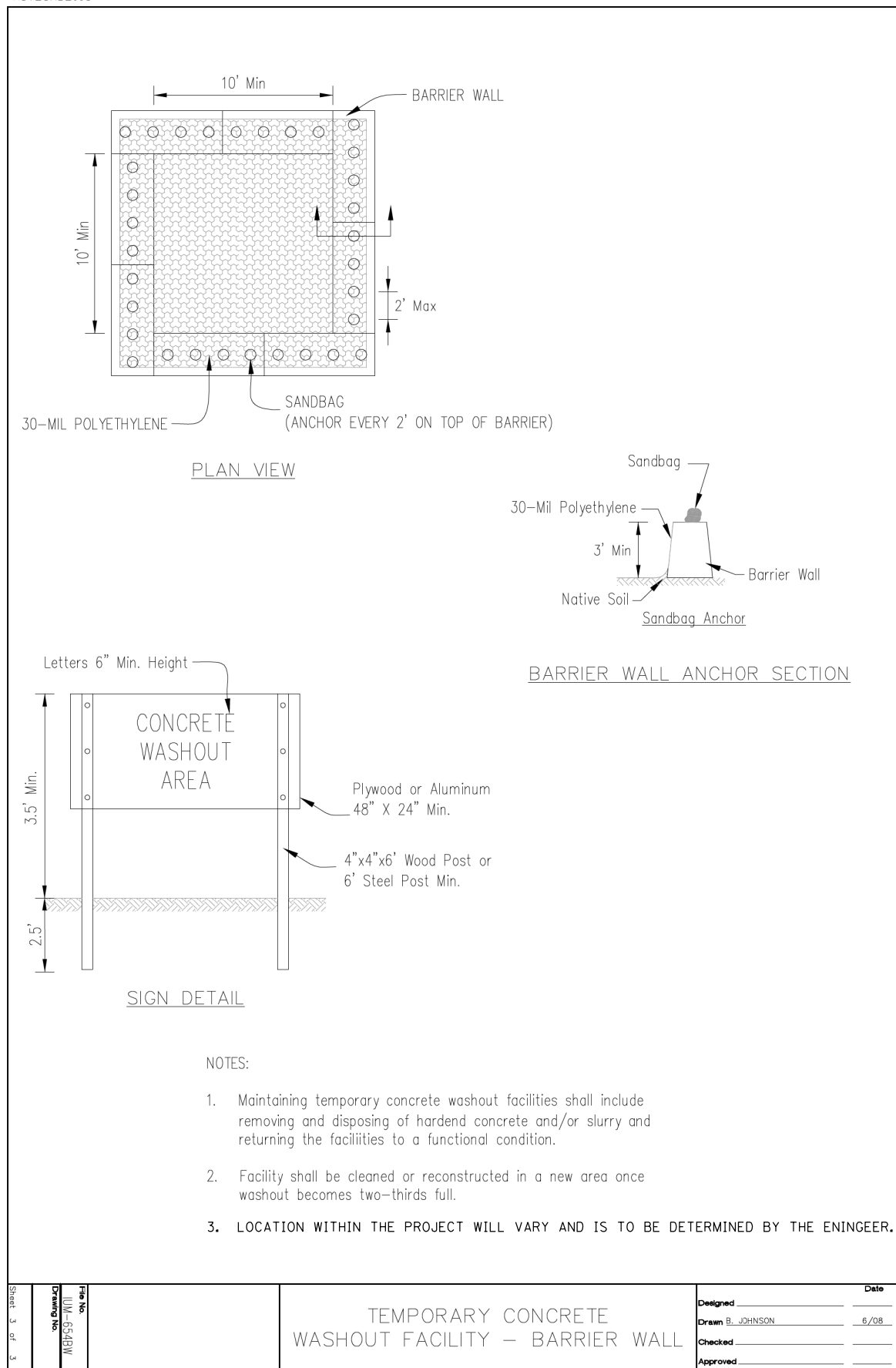


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IUM-561D
 SHEET 1 OF 1
 DATE 01-11-11

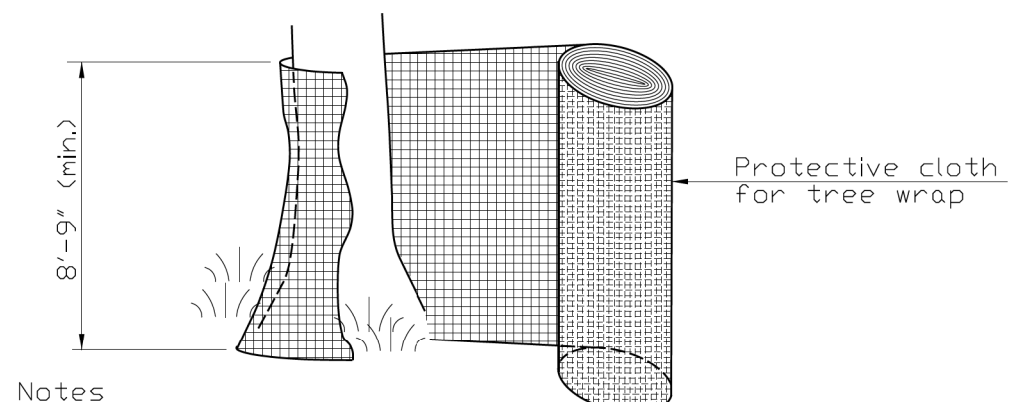
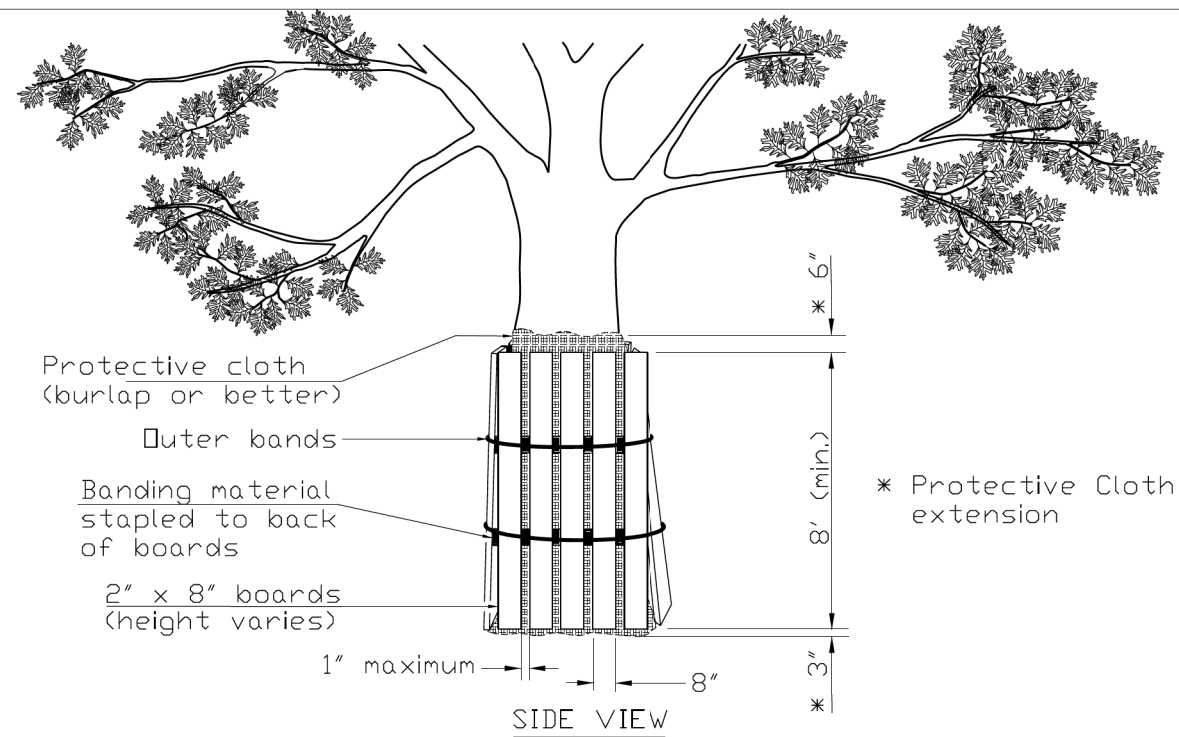
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	DATE 09/09/2024	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	86
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

AUTOCAD2006



TREE TRUNK PROTECTION



- Notes**
- The contractor shall provide 2" x 8" boards banded continuously around each trunk with a protective cloth (such as burlap or better) placed between the boards and the tree to prevent scarring of the tree being protected. The height of the boards is variable due to height of tree being protected. Trees to be protected shall be shown in the plans or designated by the Professional Forester or Certified Arborist.
 - The protective cloth shall extend past both the top and bottom of the boards as shown in the detail. Width of wrap material varies. For fabric that does not meet the required height, fabric shall overlap a minimum of 6" and shall be spliced to avoid slippage.
 - THIS SHALL BE PAID FOR AS "TREE TRUNK PROTECTION."

REFERENCE Project _____	DESIGNED _____	DATE _____		STANDARD DWG. NO. IUM-690-C
DESIGNED _____	CHECKED _____	DATE _____		SHEET 1 OF 1
CHECKED _____	APPROVED _____	DATE _____		DATE 09-14-2017
APPROVED _____				

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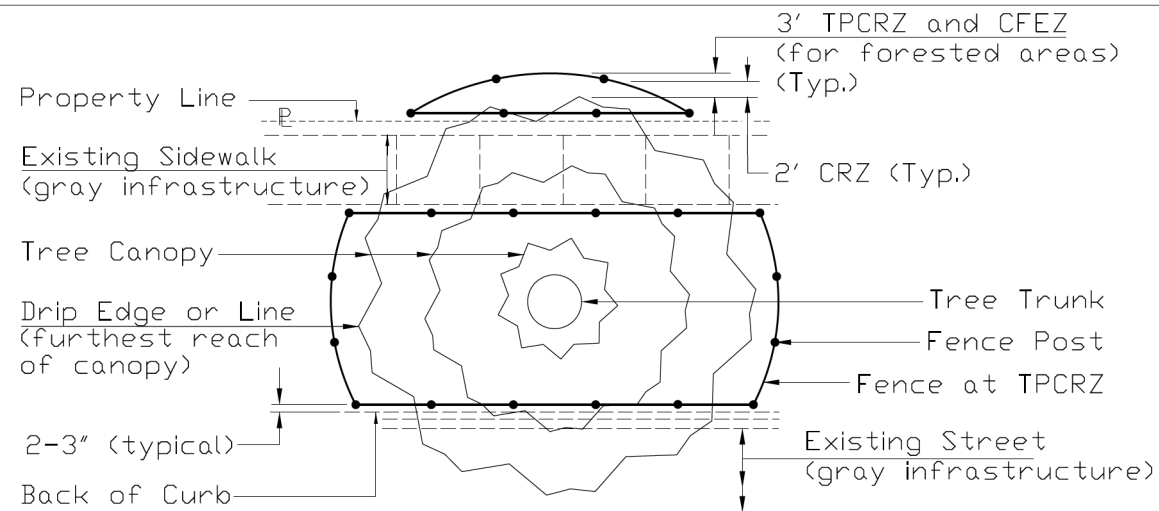
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PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
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	DATE 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

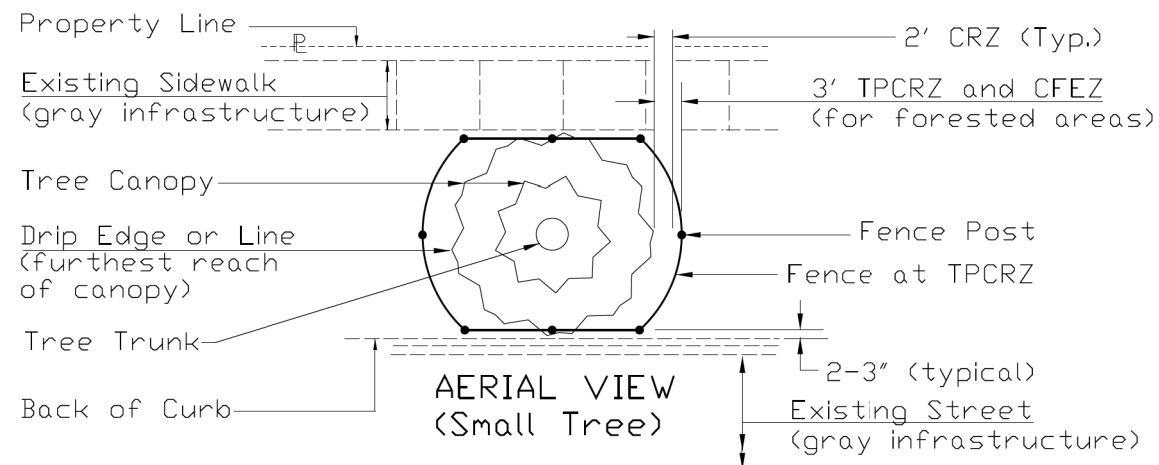
HAZEL AVENUE IMPROVEMENTS EROSION AND SEDIMENT CONTROL DETAILS	
SCALE: NTS	SHEET 15 OF 17 SHEETS STA. TO STA.

F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221	SHEET NO. 87
CONTRACT NO. 61K74			ILLINOIS FED. AID PROJECT	

TREE PROTECTION - CHAIN LINK FENCE, 4'
(Highly Urbanized Areas)



AERIAL VIEW
(Large Tree)



AERIAL VIEW
(Small Tree)

Notes:

1. Call J.U.L.I.E. (800-892-0123) for the location of existing utilities 48 hours prior to commencement of work.
2. The CRZ is located 2' from the farthest outreaching branch (drip edge) or the distance as determined by the ISA trunk diameter method or whichever is greater.
3. On sides of the tree not constricted by gray infrastructure, the fence shall be located 1 foot from the Critical Root Zone (CRZ) of the protected tree, thus creating the Tree Protection Critical Root Zone (TPCRZ). The Critical Forest Edge Zone (CFEZ), for forested areas, shall also be located at the TPCRZ.

REFERENCE	
Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



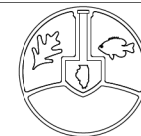
STANDARD DWG. NO.	IUM-690-B
SHEET	1 OF 2
DATE	09-14-2017

TREE PROTECTION - CHAIN LINK FENCE, 4'
(Highly Urbanized Areas)

Notes: (cont.)

4. On sides of the tree where there is gray infrastructure conflict the fence shall be 3 to 4 inches from the structure. Where the structure is a sidewalk and the CRZ goes beyond the sidewalk to the adjoining greenspace, the Tree Protection Fencing shall continue to the CRZ without impeding the flow of the traffic of the sidewalk.
5. Fence Posts shall be either 6' steel posts @ 1.33Lbs./Ft. or 2" x 2" nominal wood posts.
6. A chain link fence with Construction Specification Chain Link Fence IUM 91 or better (as approved by the local Forester per local ordinances singularly or in tandem with the project Engineer) shall be used. Fencing shall be a minimum height of 4'. Metal posts shall be placed 6' on center (OC) and fencing is securely anchored to the ground.
7. Outside the TPCRZ, erosion and sediment control measures shall be installed to prevent sediment reaching the TPCRZ. These measures shall extend out from the fence 10' and shall be continuous around the perimeter of the fence. These measures include, but are not limited to vegetative filter strip, rolled excelsior blankets and woodchip mulch with a 3" to 5" depth. Other methods may be used if approved by the Professional Forester, Certified Arborist or Horticulturalist. Installation shall cause no disturbance to soils.

REFERENCE	
Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IUM-690-B
SHEET	2 OF 2
DATE	09-14-2017

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PLOT SCALE = 40.0001' / in.	DRAWN -	REVISED -
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	DATE 09/09/2024	REVISED -

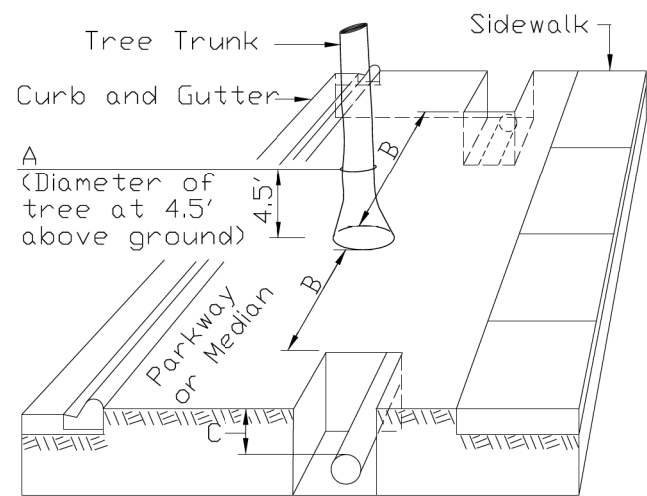
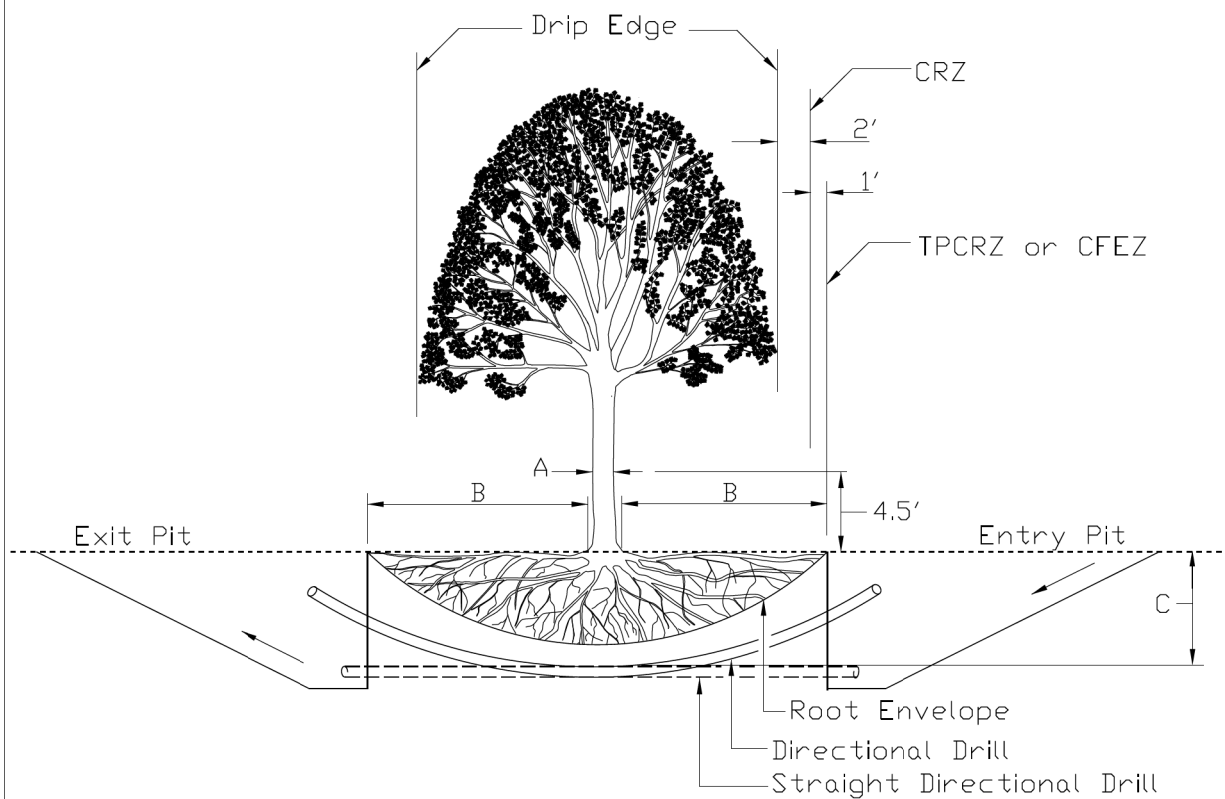
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
EROSION AND SEDIMENT CONTROL DETAILS

SCALE: NTS SHEET 16 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	88
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

TREE ROOT PROTECTION FOR AUGERING PRACTICES



TRENCHING AND TUNNELING ISOMETRIC VIEW

AUGURING REQUIREMENTS

A	B	C
Tree Diameter (inches)	Distance of auguring from tree trunk—each side (feet)	Depth of auguring (feet) *
1-4	3	2 1/2
5-9	5	3
10-14	10	3 1/2
15-19	12	3 1/2
20 OR MORE	15	4

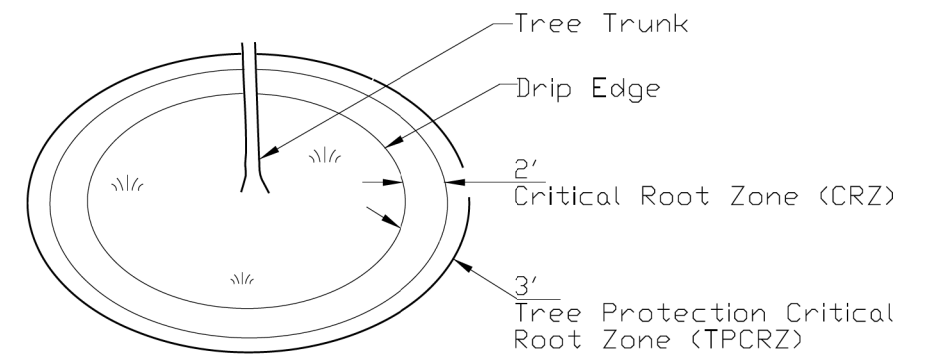
* dimension is from existing ground to the top of auguring sleeve.

REFERENCE
 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____



STANDARD DWG. NO.
 IUM-690-D
 SHEET 1 OF 2
 DATE 09-14-2017

TREE ROOT PROTECTION FOR AUGERING PRACTICES

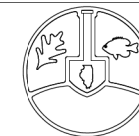


ISOMETRIC VIEW OF CRZ AND TPCRZ

Notes

1. In highly urbanized areas, where the gray infrastructure is in conflict with the green infrastructure, horizontal directional drilling or tunneling is required. Trenching shall not be done within the TPCRZ of the tree. Root pruning shall be employed as a last resort when viable alternatives to severing the roots cannot be found.
2. In areas of conflict, there shall be consultation with a Professional Forester, Arborist or Horticulturist concerning species tolerance to the practices, techniques and tools specifically used to protect the tree's roots. Only tools designed specifically for root pruning shall be used. Other tools, such as shovels, axes, backhoes and any other tool not specific to root pruning shall be prohibited.
3. Roots must not be removed from more than one side of the tree in any given year.
4. All excavation holes are to be covered in a wet tarp or wet burlap and kept moist for the duration of the construction project to protect the roots from desiccation (roots drying out). In some situations, it may be necessary to hand dig trenches, employ water excavation or an air spade to locate and preserve the roots.
5. Top soil shall be used to backfill the excavated area within one hour of cutting roots and the tree shall be watered within 24 hours of backfilling.
6. All roots impacted shall be properly pruned according to the International Society of Arboriculture (ISA) Pruning Standards and associated American National Standards Institute (ANSI) Standards. Consultation with a Professional Forester, Certified Arborist or Horticulturist is required on all tree roots greater than 1/2" in diameter.
7. On site inspections conducted by a Professional Forester, Certified Arborist or Horticulturist are recommended to determine compliance with augering specifications.

REFERENCE
 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____



STANDARD DWG. NO.
 IUM-690-D
 SHEET 2 OF 2
 DATE 09-14-2017

MODEL: D:\p1\11-2020-006-Hazel Avenue Phase II_Deerfield\CADD_Sheets\10_Erosion\20-00108-00-PV_SHT_EROS-Detail.dgn
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PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE 09/09/2024	REVISED -

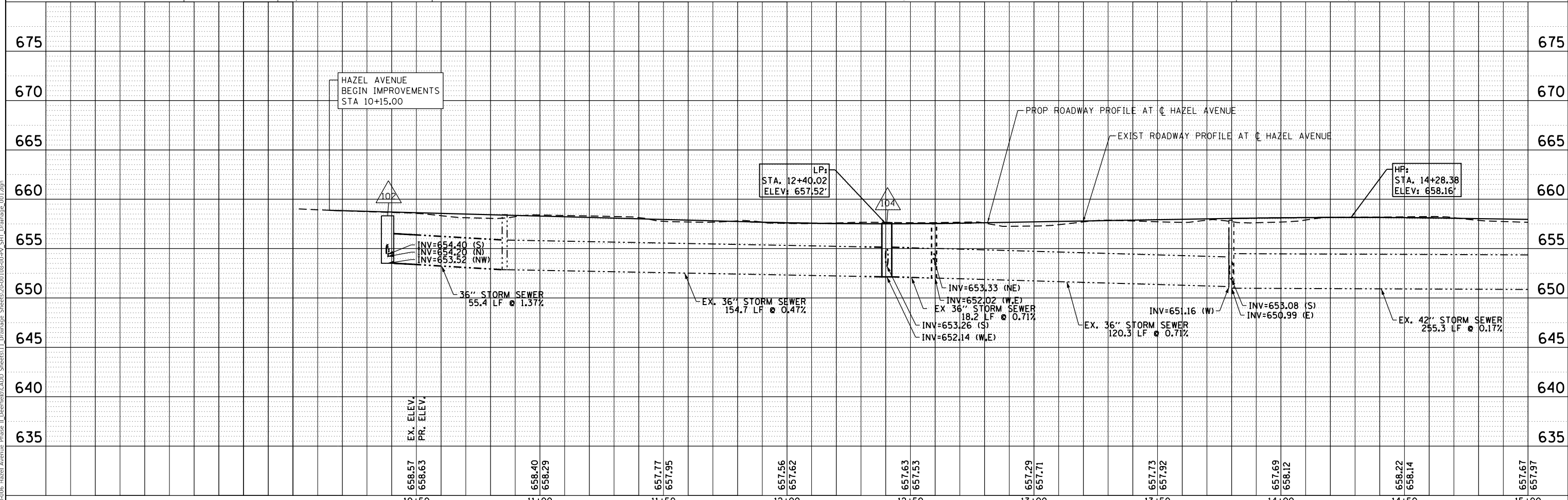
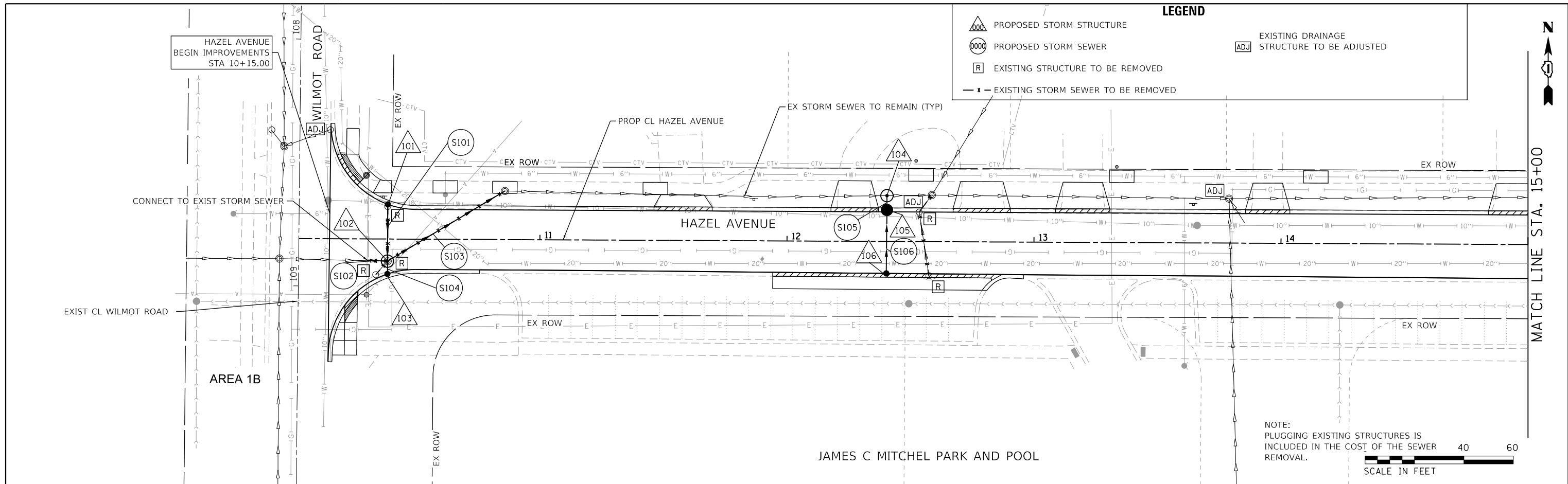
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS EROSION AND SEDIMENT CONTROL DETAILS		F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221	SHEET NO. 89
SCALE: NTS	SHEET 17 OF 17 SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 61K74		
ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
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PROFILE	SURVEYED	DATE
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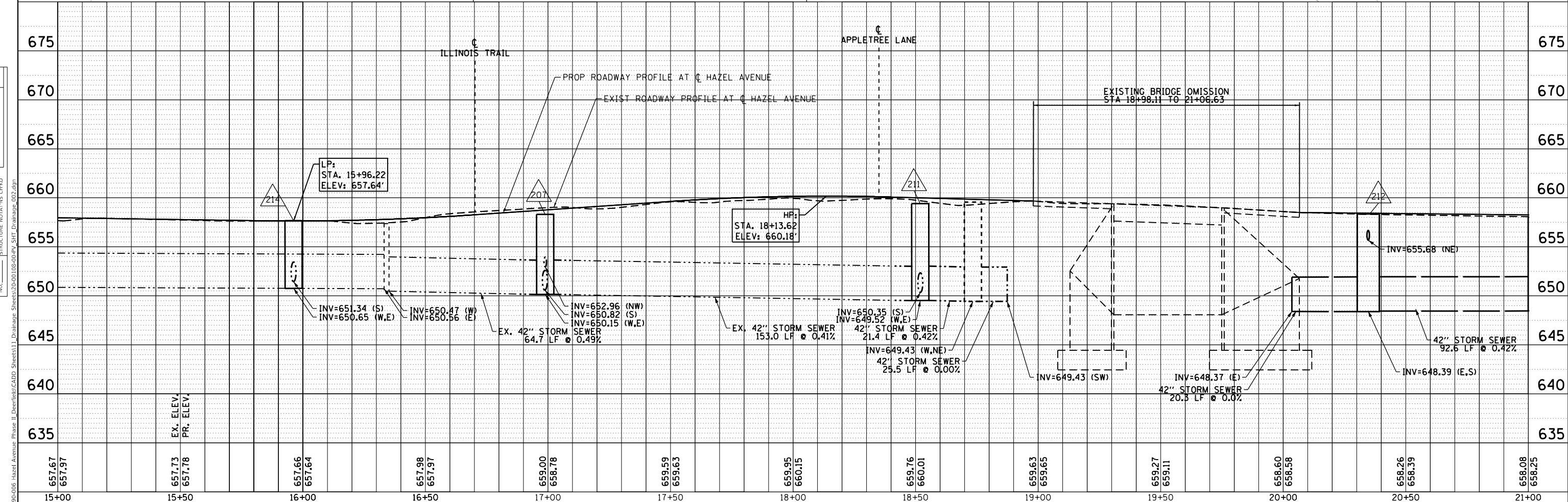
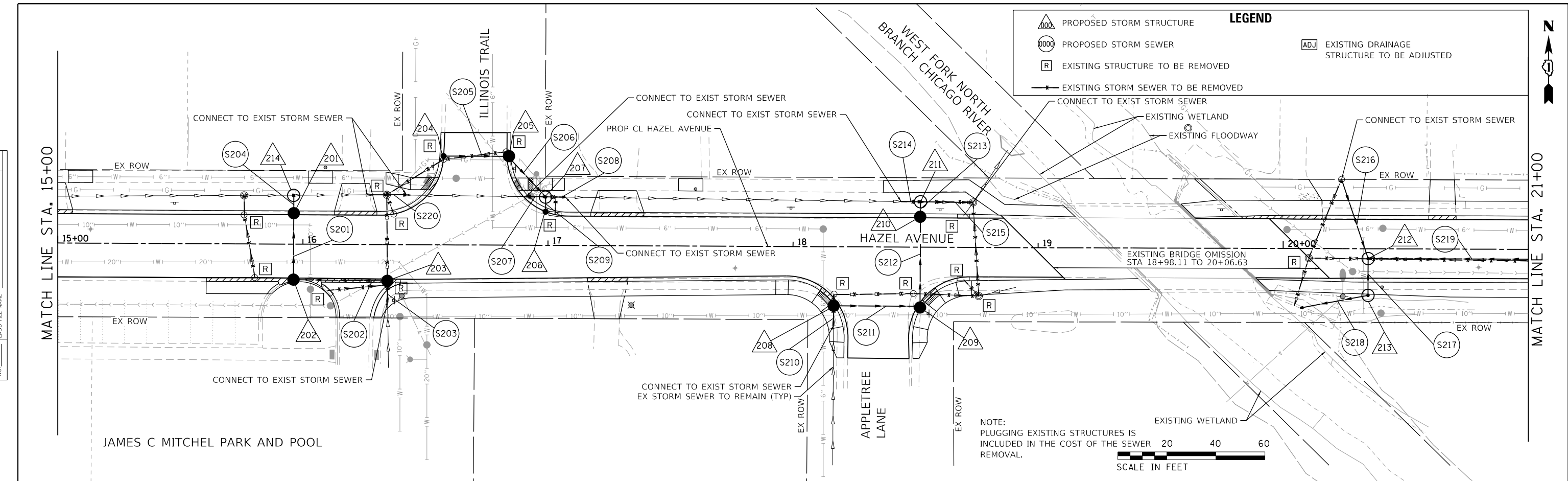
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	PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -							

PLAN	SURVEYED	DATE
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	STRUCTURE	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	FILE NAME	
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USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 9/10/2024	DATE - 09/09/2024	REVISED -

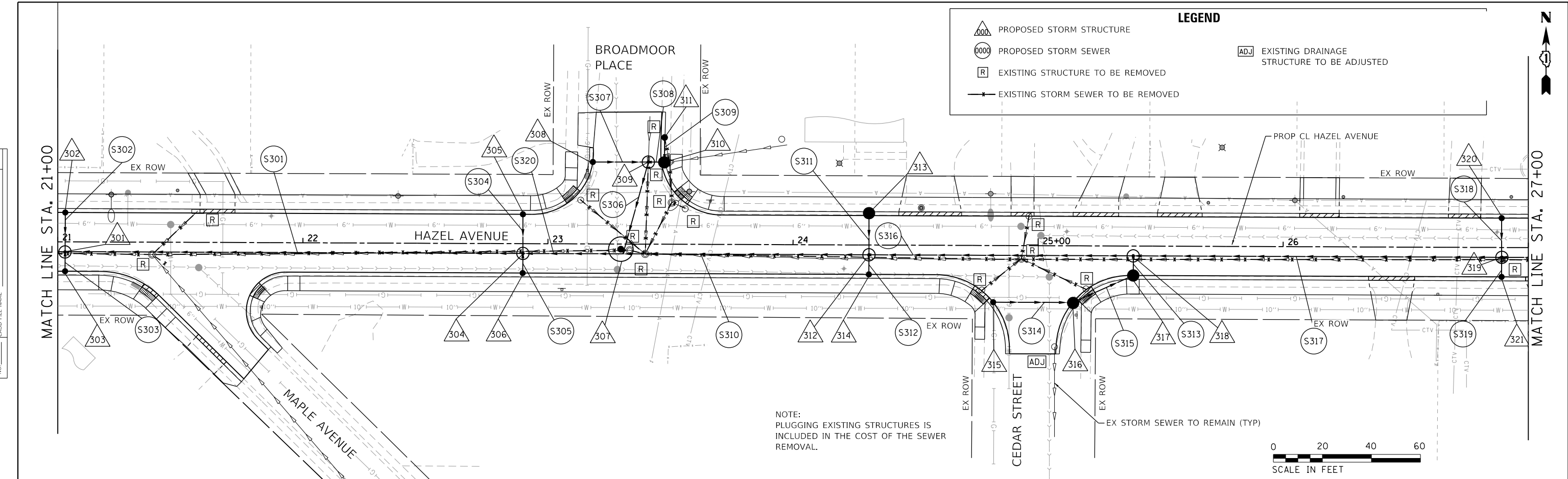
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
DRAINAGE AND UTILITY PLAN AND PROFILE**

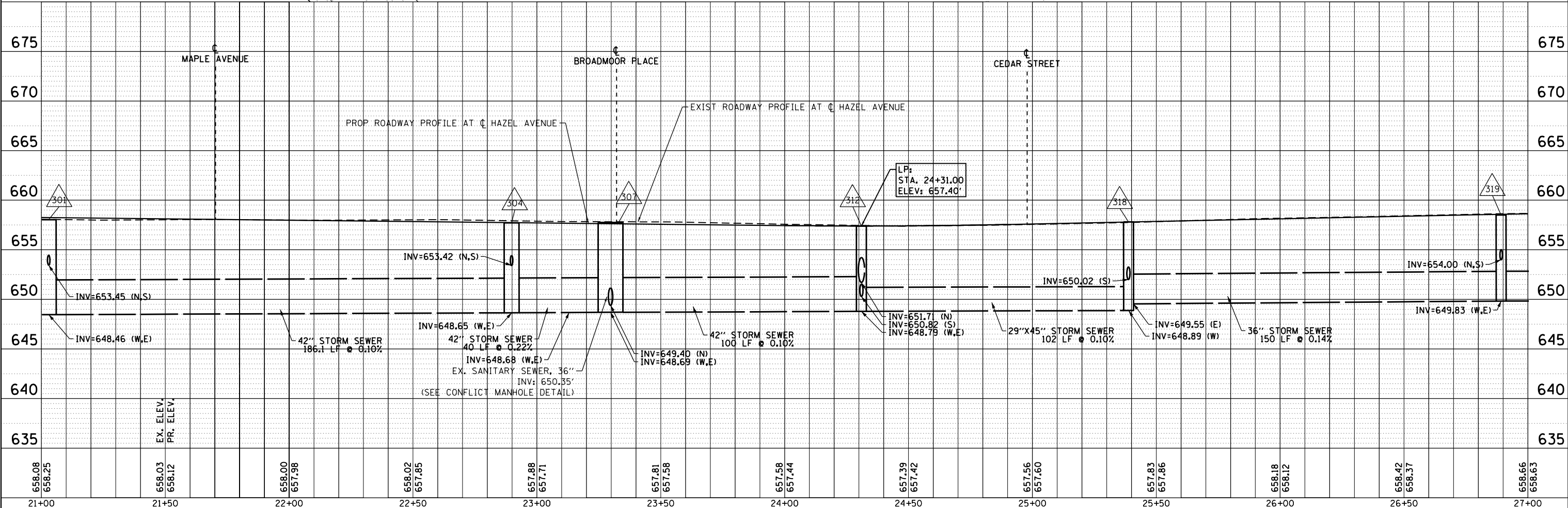
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CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



NOTE:
PLUGGING EXISTING STRUCTURES IS INCLUDED IN THE COST OF THE SEWER REMOVAL.



658.08 658.25	658.03 658.12	658.00 657.98	658.02 657.85	657.88 657.71	657.81 657.58	657.58 657.44	657.39 657.42	657.56 657.60	657.83 657.86	658.18 658.12	658.42 658.37	658.66 658.63
21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00



USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,000'1" / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

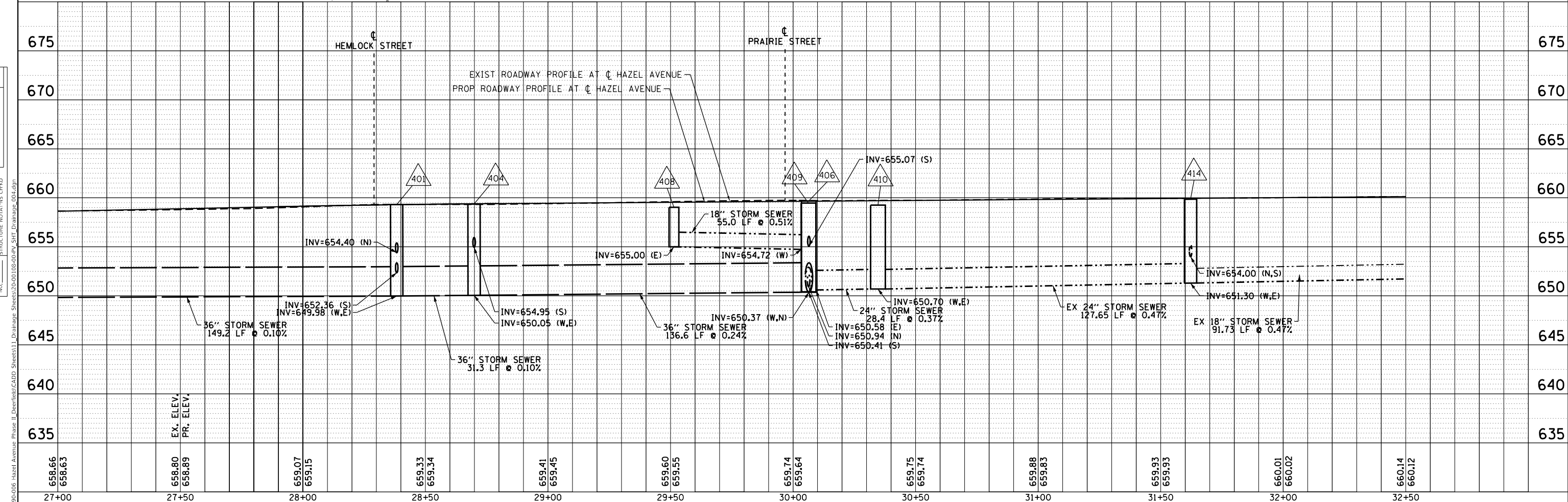
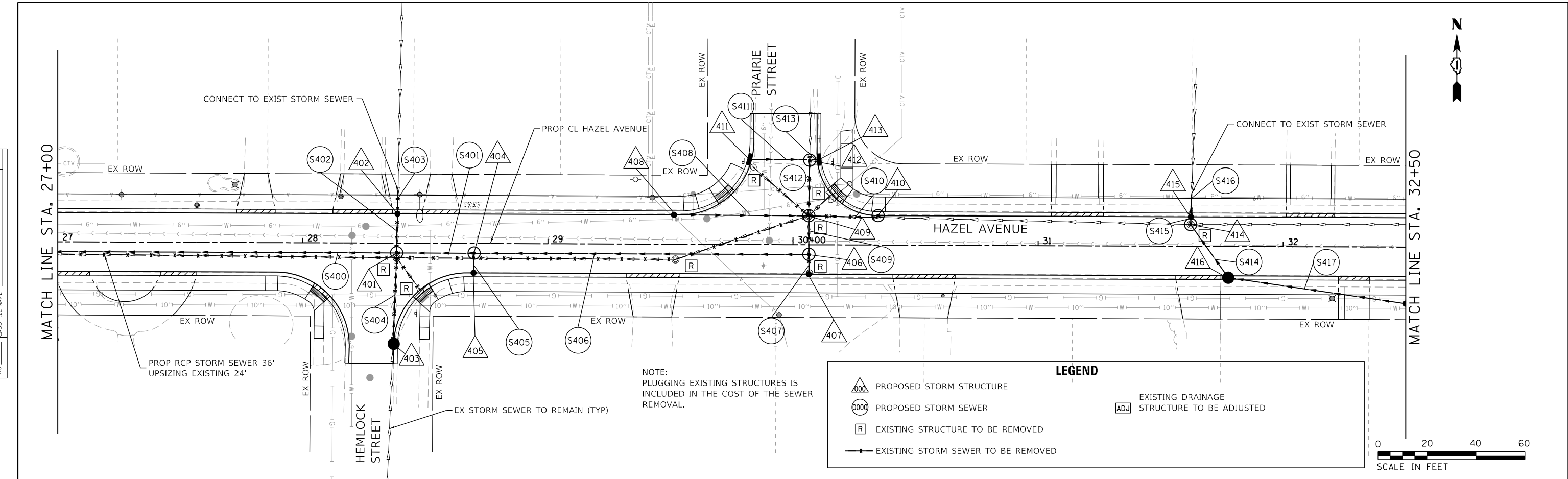
HAZEL AVENUE IMPROVEMENTS
DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1"=20' SHEET 3 OF 10 SHEETS STA. 21+00.00 TO STA. 27+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	92
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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	ALIGNED	
	CHECKED	
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	NO. _____	
	NO. _____	

PROFILE	SURVEYED	DATE
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	GRADES	
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USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,000' 1" / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
DRAINAGE AND UTILITY PLAN AND PROFILE**

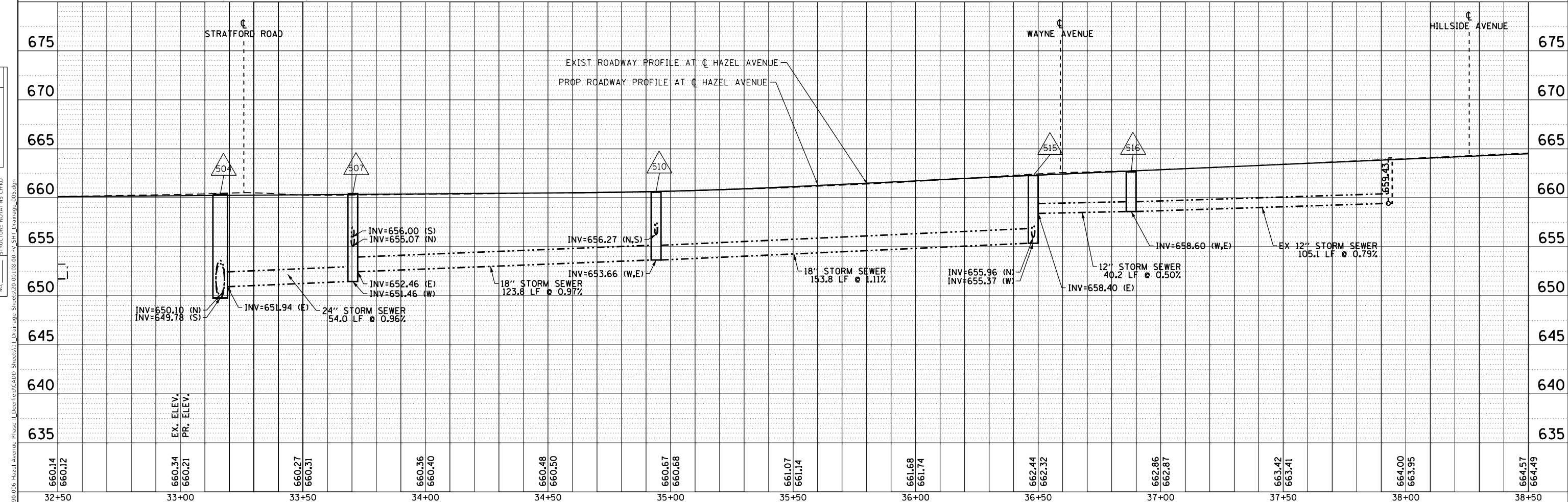
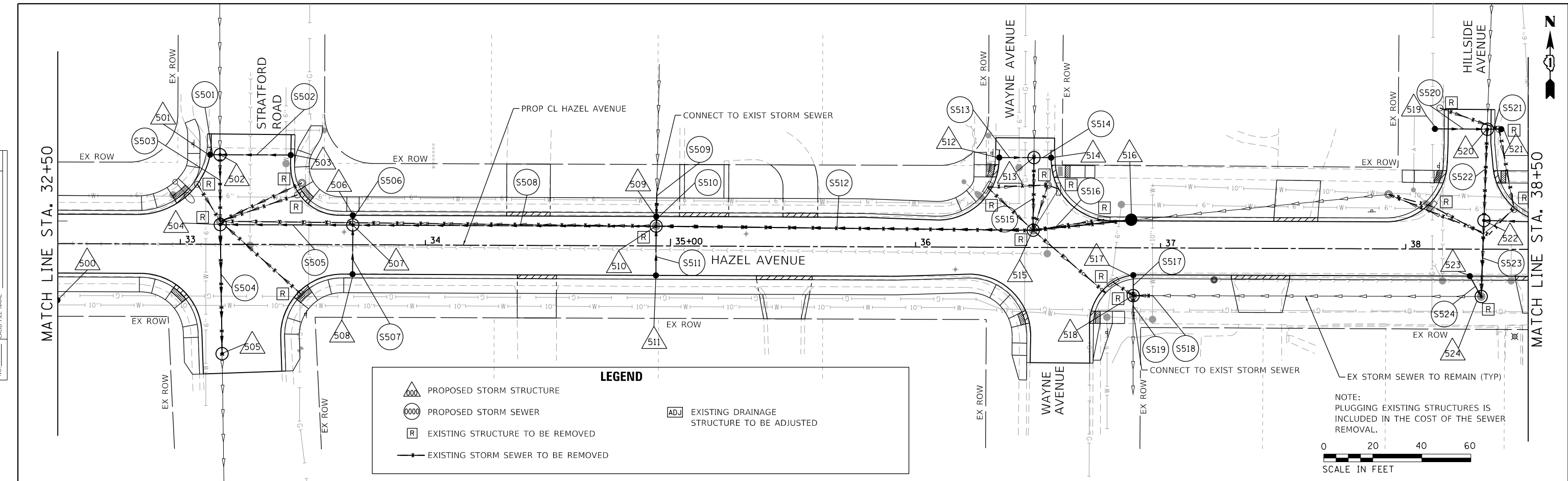
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	93
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

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PROFILE	SURVISED	DATE
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	NOTE BOOK	
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USER NAME = gellwanger	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE - 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
DRAINAGE AND UTILITY PLAN AND PROFILE**

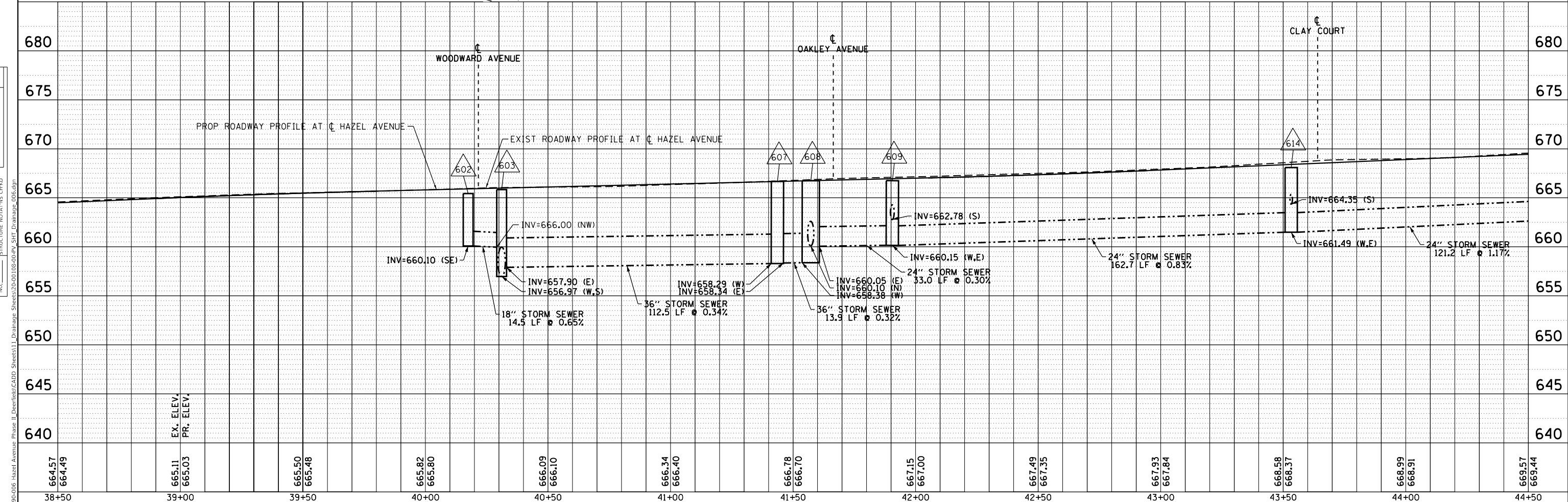
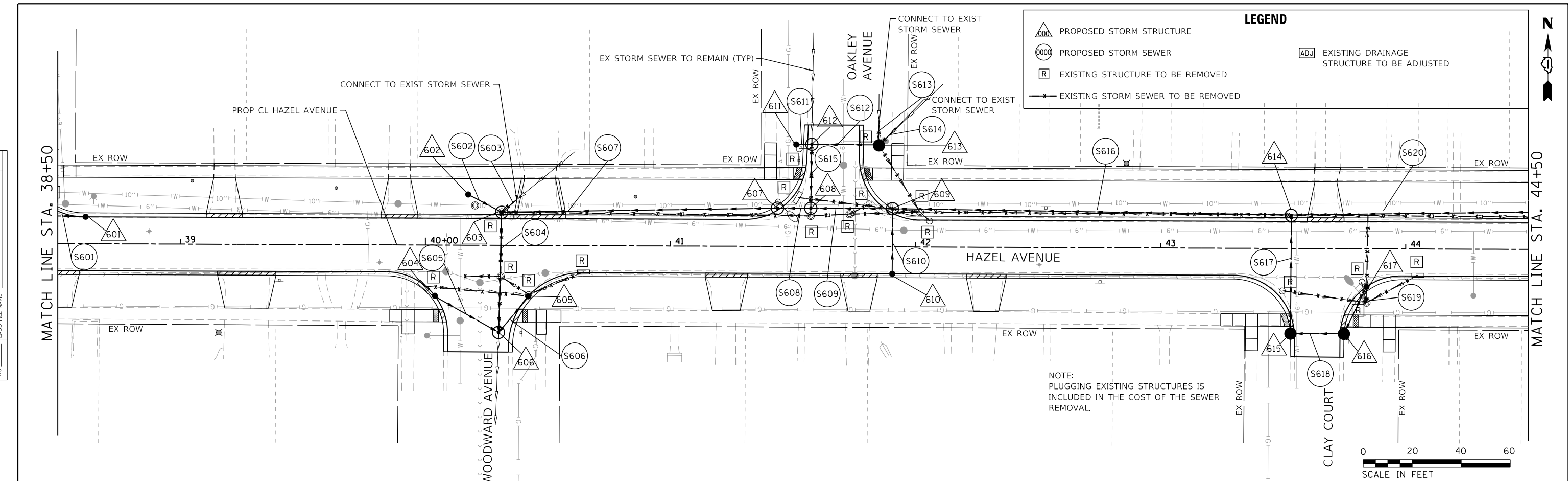
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F.A.U. RTE. 1263	SECTION 20-00108-00-PV	COUNTY LAKE	TOTAL SHEETS 221	SHEET NO. 94
CONTRACT NO. 61K74				ILLINOIS FED. AID PROJECT

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	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NOTED	
	FILE NAME	
	NO.	



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38+50		39+00		39+50		40+00		40+50		41+00		41+50		42+00		42+50		43+00		43+50		44+00		44+50	



USER NAME = gellwanger	DESIGNED -	REVISED -
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PLOT DATE = 9/10/2024	DATE - 09/09/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAZEL AVENUE IMPROVEMENTS
DRAINAGE AND UTILITY PLAN AND PROFILE

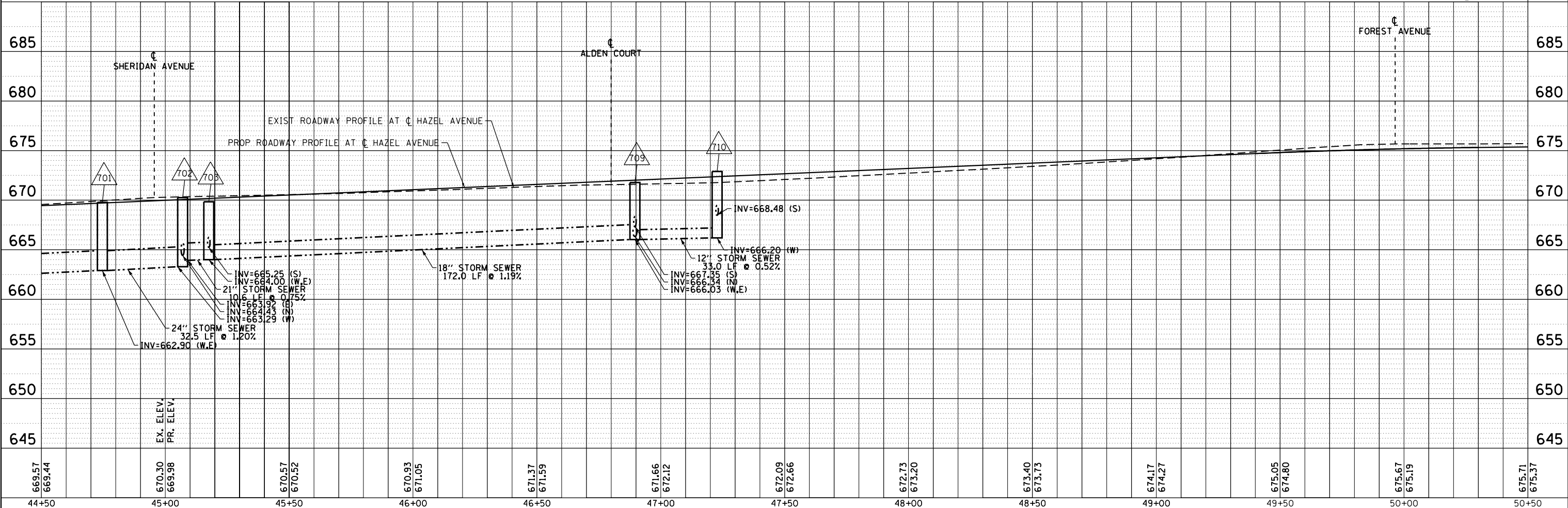
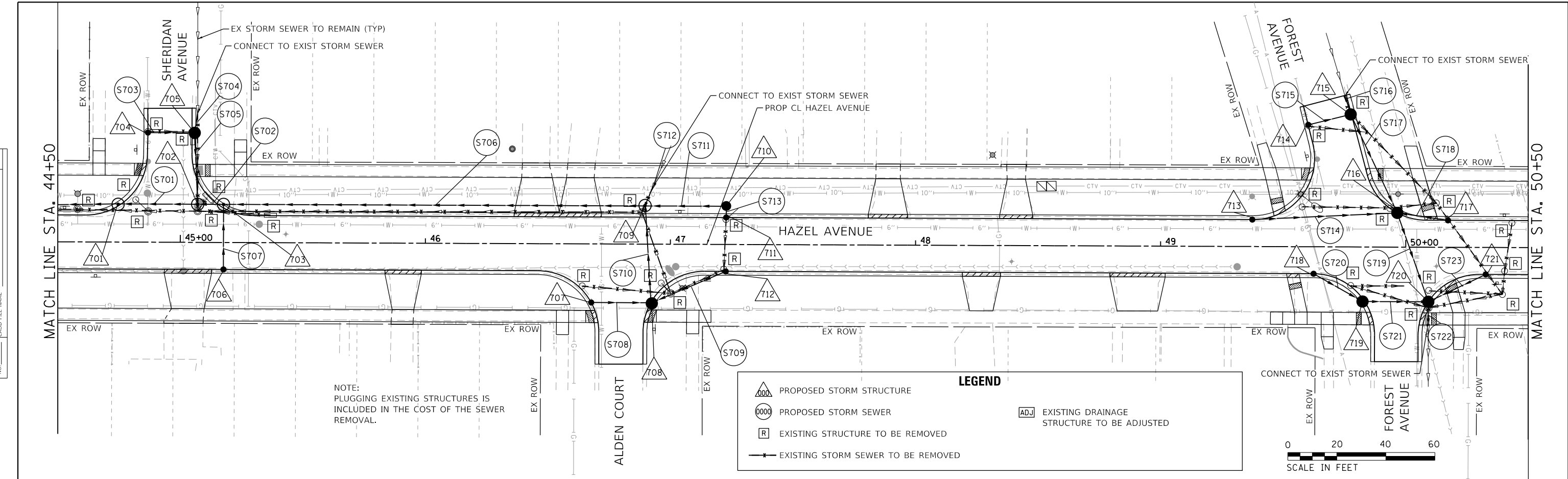
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	95
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
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	NOTATION	
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USER NAME = gellwanger	DESIGNED -	REVISED -
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PLOT SCALE = 40,000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

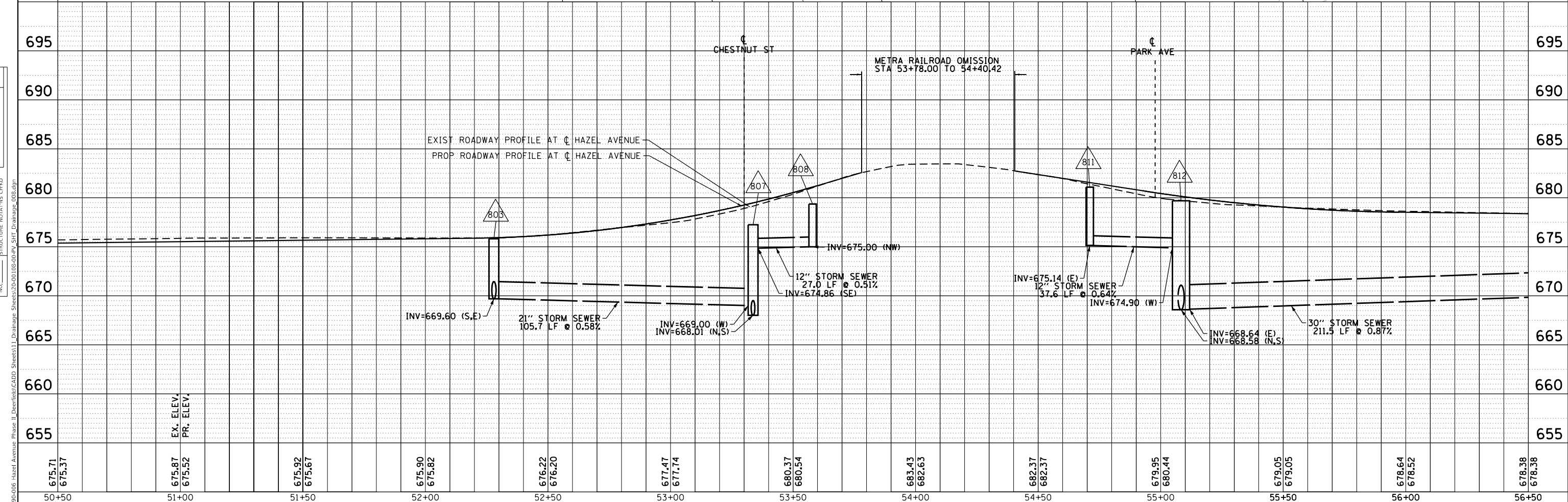
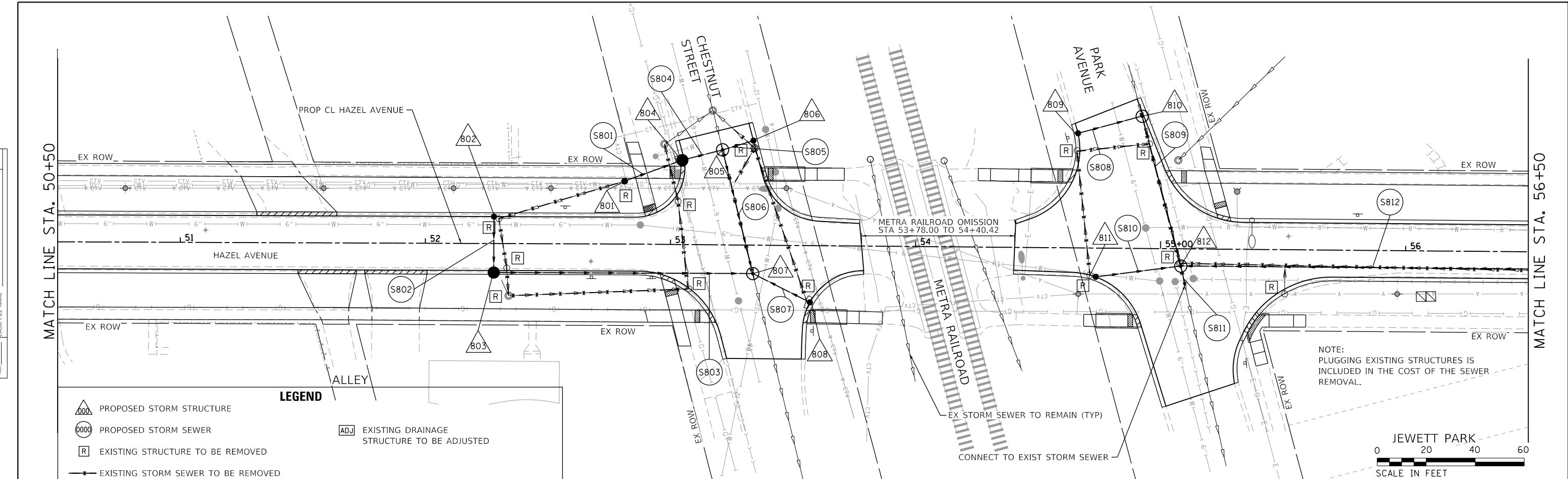
**HAZEL AVENUE IMPROVEMENTS
DRAINAGE AND UTILITY PLAN AND PROFILE**

SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA. 44+50.00 TO STA. 50+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	96
CONTRACT NO. 61K74				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
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PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK	
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	CADD FILE NAME	



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PLOT DATE = 9/10/2024	DATE = 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
DRAINAGE AND UTILITY PLAN AND PROFILE**

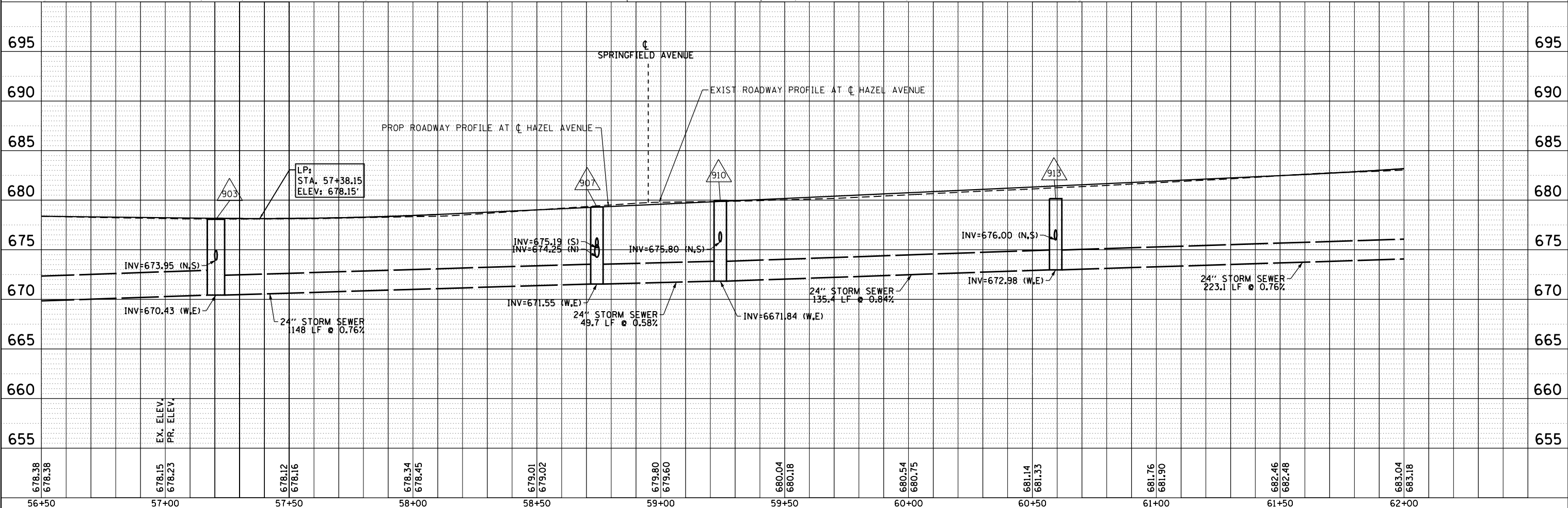
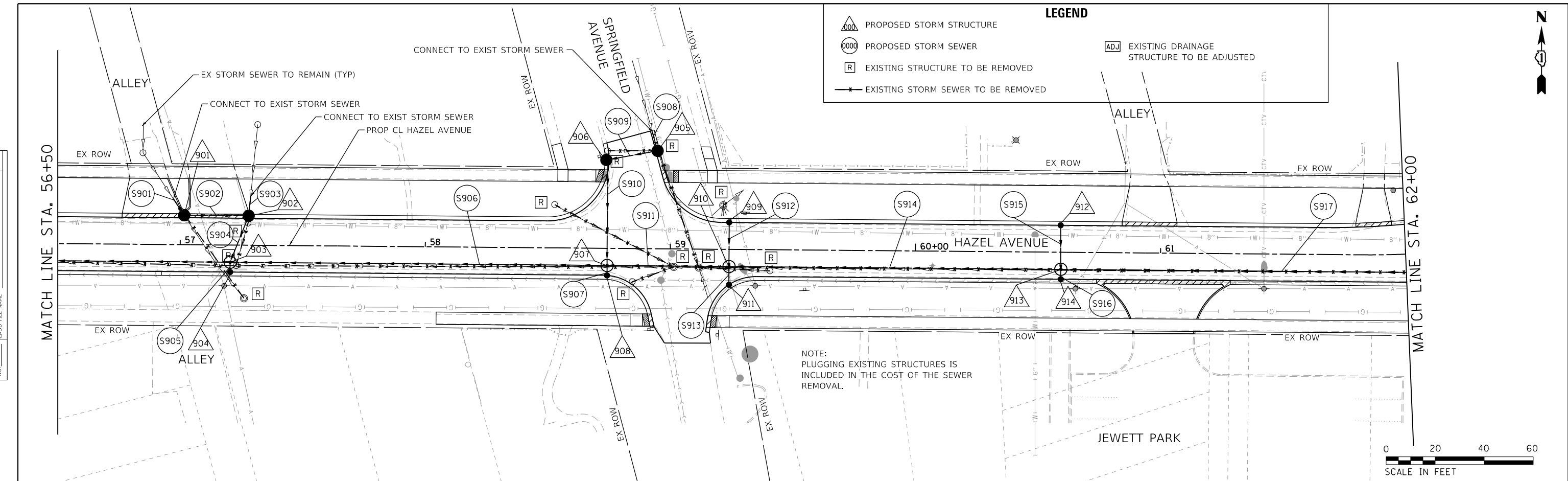
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	97
				CONTRACT NO. 61K74
				ILLINOIS FED. AID PROJECT

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	GRADES CHECKED	
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PLOT DATE = 9/10/2024	DATE - 09/09/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAZEL AVENUE IMPROVEMENTS
DRAINAGE AND UTILITY PLAN AND PROFILE**

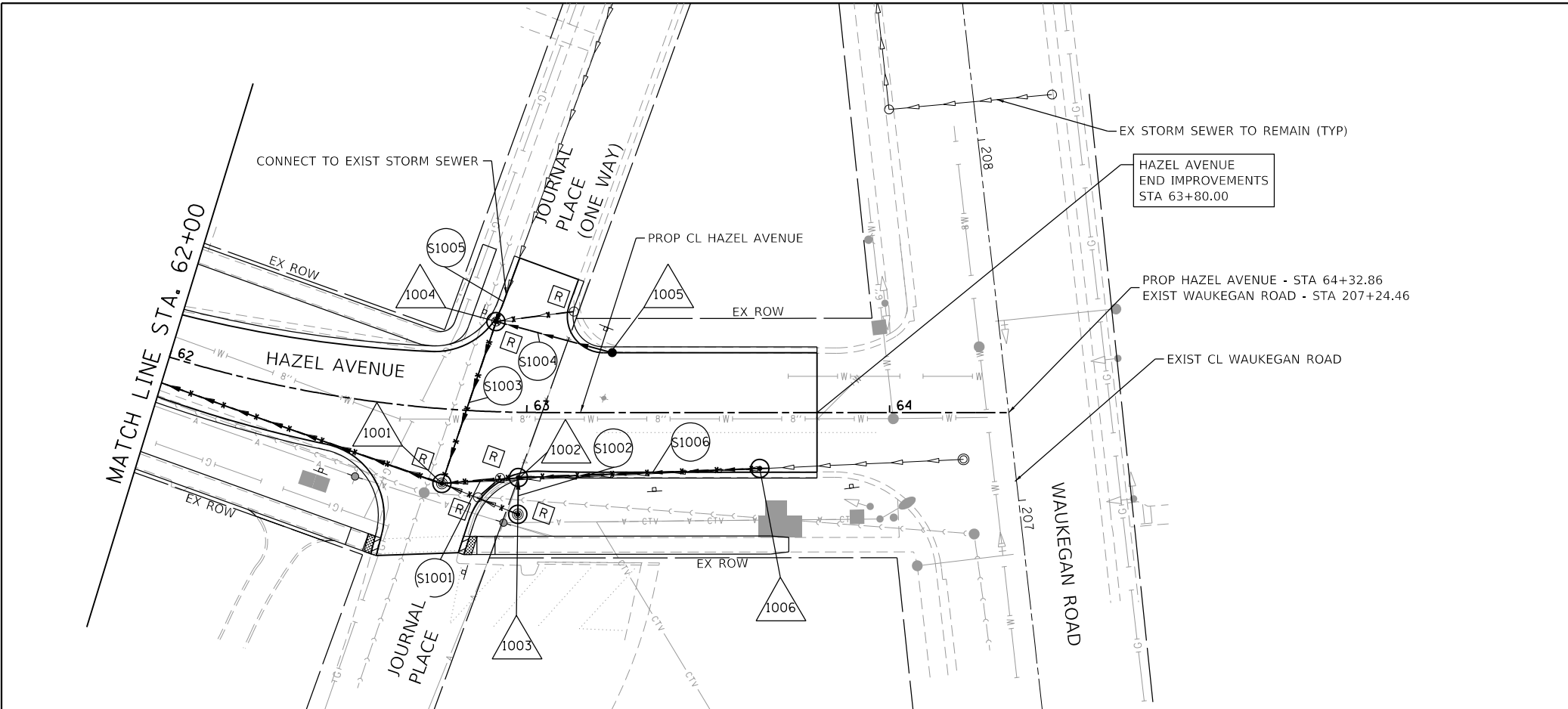
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-00108-00-PV	LAKE	221	98
				CONTRACT NO. 61K74
				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
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	GRADE CHECKED	
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	NOTE BOOK NO.	
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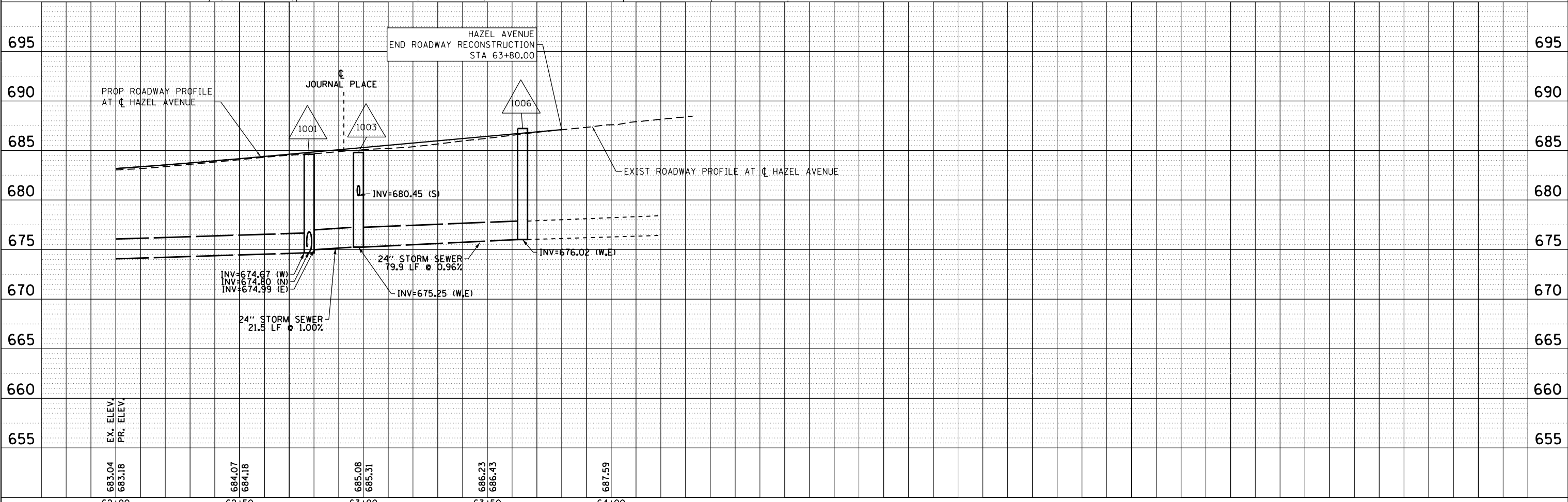
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LEGEND

- PROPOSED STORM STRUCTURE
- PROPOSED STORM SEWER
- EXISTING STRUCTURE TO BE REMOVED
- EXISTING STORM SEWER TO BE REMOVED
- EXISTING DRAINAGE STRUCTURE TO BE ADJUSTED
- EX STORM SEWER TO REMAIN (TYP)

NOTE:
 PLUGGING EXISTING STRUCTURES IS INCLUDED IN THE COST OF THE SEW REMOVAL.



62+00	62+50	63+00	63+50	64+00
683.04 683.18	684.07 684.18	685.08 685.31	686.23 686.43	687.59
EX. ELEV.	PR. ELEV.			



USER NAME = gellwanger	DESIGNED -	REVISED -
PLOT SCALE = 40,0001' / in.	DRAWN -	REVISED -
PLOT DATE = 9/10/2024	CHECKED -	REVISED -
	DATE = 09/09/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HAZEL AVENUE IMPROVEMENTS DRAINAGE AND UTILITY PLAN AND PROFILE			
SCALE: 1"=20'	SHEET 10 OF 10 SHEETS	STA. 62+00.00 TO STA. 64+32.86	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1263	20-0108-00-PV	LAKE	221	99
CONTRACT NO. 61K74				
ILLINOIS		FED. AID PROJECT		

