TRAFFIC DATA

ELIZABETH DR. WOOD DALE RD.

2,400 VPD (2020) 5.350 VPD (2020)

SPEED POSTED DESIGN SPEED

08-01-2025 LETTING ITEM 001

ELIZABETH DR. WOOD DALE RD SHARED-USE PATH 25 MPH 30 MPH 14 MPH

DESIGN DESIGNATION

ELIZABETH DR. - MAJOR COLLECTOR WOOD DALE RD. - MINOR ARTERIAL

WARNING

HIGH-PRESSURE PIPELINE(S)

Excevation and/or Construction Prohibited Without compliance with State One-Call AND Without Watter Permission From

MAGELLAN PIPELINE COMPANY, L.P.

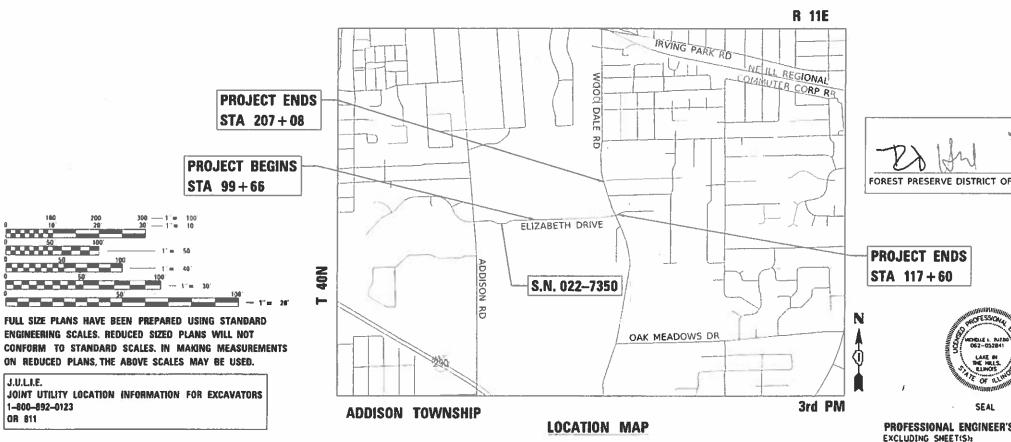
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

> **FAU 5072 ELIZABETH DRIVE FAU 2652 WOOD DALE ROAD** SHARED-USE PATH

> SECTION NO.: 22-00055-00-BT CITY OF WOOD DALE **DUPAGE COUNTY** C-91-029-24



N.T.S.

PROJECT LENGTH

GROSS AND NET LENGTH OF PROJECT= 4,434 FT. = 0.840 MILES

3/21/25 FOREST PRESERVE DISTRICT OF DUPAGE COUNTY



PROFESSIONAL ENGINEER'S SIGN & SEAL

Weichele MICHELLE L. ZUZZIC P.E. EXPIRES: 11-30-25

SECTION COUNTY DUPAGE 58 CONTRACT NO. 61K77





1391 CORPORATE DRIVE, SUITE 203 | McHENRY, ILLINOIS 60050 Phone: 815.385.1778 | Toll Free: 800.728.7805 | Fax: 815.385.1781 | HRGreen.com ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

> STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED January 8

Alm Lange

Alan Lange, Public Works Director CITY OF WOOD DALE

REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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CONTRACT NO. 61K77

PROJECT ENGINEER: M. ZUZZIO PROJECT MANAGER: T. HAMILTON

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DISTRICT ONE DETAILS

STANDARD NO.	<u>LIST OF DESCRIPTION</u>
BD24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC22	ARTERIAL ROAD INFORMATION SIGN
TS05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS

STATE STANDARDS

STANDARD NO	LIST OF DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CURB FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C&D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPE A AND B METAL POSTS (FOR SIGNS AND MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-11	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASH BEACON INSTALL
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

	USER NAME = mzuzzio	DESIGNED - MLZ	REVISED -
Ì		DRAWN - WJH	REVISED -
Ì	PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/22/2025	DATE -	REVISED -
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INDEX OF SHEETS, DISTRICT 1 DETAILS AND STATE STANDARDS	F.A. RTE.	SECTION	COUNTY	TOTAL	
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH	5072 [22-00055-00-BT	DUPAGE	58	[2
			CONTRACT	NO.	61K7
CALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.		(ILLINOIS FED.	AID PROJECT		

GENERAL NOTES

- 1. ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2022. THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2025. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 3-1-1 AND THE CITY OF WOOD DALE AT (630) 350-3530 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- 4. ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, FIRE DEPARTMENTS, FOREST PRESERVES OF COOK COUNTY AND DUPAGE COUNTY DIVISION OF TRANSPORTATION SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- 5. ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD88 DATUM.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
 CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE
 EDGE OF PAVEMENT LIN ISS OTHERWISE NOTED.
- SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS LISTED IN SECTION 440 OF THE STANDARD SPECIFICATIONS, SHOWN IN THE PLANS, AND AS DIRECTED BY THE ENGINEER.
- 8. DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W. UNLESS OTHERWISE NOTED.
- 9. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- 10. THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE NOTED.
- 11. CURB RAMPS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AND DRIVEWAYS PER CURRENT IDOT STANDARDS AT LOCATIONS WHERE SIDEWALK IS SHOWN ON THE PLAN.
- THE CONTRACTOR SHALL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY OR COUNTY PROPERTY WITHOUT WRITTEN CONSENT FROM THE CITY OF WOOD DALE OR THE DUPAGE COUNTY DIVISION OF TRANSPORTATION.
- 13. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07. REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REOUIREMENTS STATED HEREIN.

STORM SEWERS, WATER MAINS, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- 2. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, ANI 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.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER BY THE CONTRACTOR
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- 5. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF WOOD DALE AND DUPAGE COUNTY DIVISION OF TRANSPORTATION IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE CITY / COUNTY WITHIN THE DURATION OF THE CONTRACT.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE.
- 8. WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- 9. ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY AND BE DELIVERED TO THE CITY OF WOOD DALE, AS APPLICABLE.
- O. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.
- 11. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON WATER STRUCTURES SHALL BEAR THE WORD "WATER." ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM." ALL LIDS TO BE USED ON SANITARY SYSTEM STRUCTURES SHALL BEAR THE WORD "SANITARY". REFER TO THE CITY OF WOOD DALE DETAILS FOR ORDERING INFORMATION OR CONTACT THE DEPARTMENT OF PUBLIC WORKS.
- 12. ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED.

- 3. THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THE WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.
- IN REGARD TO OVERHEAD DISTRIBUTION ELECTRICAL FACILITIES, PLEASE NOTE THAT THERE ARE EXISTING FACILITIES LOCATED IN THE AREA OF THE SUBJECT IMPROVEMENT. PLEASE BE CERTAIN THAT ALL WORKERS FOLLOW THE CURRENT OSHA RULES AND OTHER APPLICABLE GUIDELINES REGARDING WORKING SAFELY AROUND ELECTRICAL POWER LINES. PLEASE CALL 1-800-334-7661 TO REQUEST FACILITY PROTECTION, PLEASE BE AWARE THAT CHARGES MAY BE INVOLVED. IT IS IMPERATIVE THAT UNDERGROUND LOCATES BE MADE PRIOR TO ANY EXCAVATION. PLEASE CONTACT J.U.L.I.E. AT 1-800-892-0123 TO MAKE ARRANGEMENTS. IF LARGE EQUIPMENT WILL BE USED NEAR EXISTING OR PROPOSED OVERHEAD LINES, FACILITY PROTECTION MAY BE REQUIRED. PLEASE NOTE THAT MINIMUM SAFE DISTANCES MUST BE MAINTAINED FROM ENERGIZED LINES PER OSHA 1910-333. SLEEVING OR DE-ENERGIZING LINES (LESS THAN OR EQUAL TO 34,000 VOLTS) MAY BE AN OPTION DEPENDING ON VOLTAGE AND CONFIGURATION OF THE SYSTEM. PLEASE CALL 1-800-334-7661 TO CREATE A TICKET FOR LINE PROTECTION. ANY SHUTDOWNS OF ENERGIZED LINES MUST UNDERGO A FEASIBILITY STUDY AND BE APPROVED BY COMED OPERATIONAL CONTROL CENTER. THIS PROCESS MAY TAKE SEVERAL MONTHS, SO CALL EARLY IN YOUR PROJECT.

TOPSOIL

- TOPSOIL SHALL BE PLACED TO A DEPTH OF SIX (6) INCHES AND BE MEASURED IN SQUARE YARDS.
- THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL.
- TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION; THE LOCATIONS OF TOPSOIL STOCKPILES WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.

BACKFILL

- WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.
- 2. PROVIDE TRENCH BACKFILL FOR ALL UTILITY LINES WITHIN 2' OF PAVED AREAS. ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON PIPE SIZE AND INVERT DEPTH FROM SUBGRADE. BACK FILLING STORM AND SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART.550.07 (b,c) OF THE SSRBC WILL NOT BE ALLOWED.

HOT-MIX ASPHALT

- HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, BASE COURSE, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
- 2. SAWCUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS.
- B. HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN BACKFILLED TO THE SATISFACTION OF THE ENGINEER.

SIGNING AND STRIPING

- SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- 2. SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- IN ACCORDANCE TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.
- 5. ALL SIGNS SHALL BE INSTALLED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. ALL SIGNS TO BE REMOVED ALONG WOOD DALE ROAD SHALL REMAIN THE PROPERTY OF DUPAGE COUNTY DOT AND SHALL BE RETURNED UPON REMOVAL. SIGNS TEMPORARILY RELOCATED OR COVERED SHALL NOT BECOME THE PROPERTY OF DUPAGE COUNTY UNTIL PERMANENTLY REMOVED. SIGNS TO BE REMOVED ALONG ELIZABETH DRIVE SHALL REMAIN THE PROPERTY OF THE CITY OF WOOD DALE AND SHALL BE RETURNED UPON REMOVAL.

EROSION CONTROL

- 1. ALL WORK SHALL BE SHALL BE DONE IN ACCORDANCE WITH ARTICLE VII OF THE DUPAGE COUNTY COUNTYWIDE STORMWATER AND FLOOD PLAIN ORDINANCE, EFFECTIVE APRIL 2013 AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMITS ILR10 AND ILR40.
- SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE 14. DISTURBED.
- 3. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODIBLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED.
- 4. RECEPTACLES FOR CONSTRUCTION DEBRIS, INCLUDING CONCRETE TRUCK WASHOUT WASTE, SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR. THESE WILL NOT BE ALLOWED IN SPECIAL MANAGEMENT AREAS. RECEPTACLES AND THEIR LOCATION MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.

- 5. HAY OR STRAWS BALES WILL NOT BE ALLOWED AS PERIMETER EROSION BARRIER OR AS A DITCH CHECK.
- 6. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL
 BE FILTERED.
- WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
- 8. GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES, IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
- CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER
 TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE
 MAXIMUM EXTENT PRACTICAL.
- 10. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS
 SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL
 SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ON HALF OF THE HEIGHT OF THE FILTER DEVICE.
- 12. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.
- 4. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING ½ INCH PRECIPITATION. DAMAGE AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS.
- 15. THE QUANTITIES FOR EROSION CONTROL MEASURES ARE APPROXIMATE, AND ARE TO BE FIELD LOCATED BY THE CONTRACTOR, AND APPROVED BY THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION. EROSION CONTROL MEASURES TO BE MAINTAINED AND ADJUSTED AS NECESSARY BASED ON CONSTRUCTION STAGING AND SEQUENCING.

DUPAGE COUNTY DIVISION OF TRANSPORTATION GENERAL NOTES AND SPECIFICATIONS

- 1. ALL CONSTRUCTION WITHIN THE COUNTY'S RIGHT OF WAY SHALL BE PERFORMED ACCORDING TO IDOT'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (JANUARY 1, 2022) AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" (JANUARY 1, 2025).
- 2. DAILY LANE CLOSURES ARE PERMITTED BETWEEN 9:00 A.M. AND 4:00 P.M. ONLY. TRAFFIC CONTROL SHALL CONFORM TO IDOT'S HIGHWAY STANDARDS AND THE FHWA'S 'MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES' AND IDOT'S SUPPLEMENT AT ALL TIMES DURING CONSTRUCTION. TRAFFIC CONTROL SHALL INCLUDE USE OF ADVANCE WARNING LANE CLOSURE SIGNAGE, AN ARROW BOARD AND TYPE I BARRICADES WITH SANDBAGS.
- . LANE CLOSURES ARE NOT PERMITTED ON COUNTY ROADWAYS DURING SNOWFALL OR WITHIN 2 HOURS PRIOR TO PREDICTED SNOWFALL OR PRECIPITATION CONDITIONS BETWEEN NOVEMBER 15 AND APRIL 15 FOR MAINTENANCE OF THE ROADWAY PAVEMENT BY COUNTY HIGHWAY MAINTENANCE DEPARTMENT STAFF AND EQUIPMENT.
- 4. DISTURBED AREAS OF THE RIGHT-OF-WAY SHALL BE DRESSED WITH A MINIMUM OF 6" TOPSOIL AND CLASS 2A SALT TOLERANT SEE (WITH EROSION CONTROL BLANKET) OR SOD (SALT TOLERANT AND STAKED IN PLACE)
- EROSION CONTROL MEASURES SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE DUPAGE COUNTY STORMWATER AND FLOODPLAIN ORDINANCE SPECIFICATIONS AT ALL TIMES.
- EQUIPMENT AND MATERIALS SHALL NOT BE STORED WITHIN THE COUNTY'S RIGHT-OF-WAY AT ANY TIME WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE COUNTY ENGINEER, OR HIS DUTY AUTHORIZED ASSIGN.
- 7. PAVEMENT, CURB/GUTTER AND STORM STRUCTURES WITHIN THE COUNTY'S RIGHT-OF-WAY SHALL BE MAINTAINED FREE OF MUD/DEBRIS AT ALL TIMES AND SHALL BE CLEANED AS IS REQUIRED AND/OR AS DIRECTED BY DUPAGE COUNTY.
- 8. CONTACT DUPAGE COUNTY (630-407-6900) A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR INSPECTIONS OF AND AT THE COMPLETION OF THE DESCRIBED WORK WITHIN THE COUNTY'S RIGHT-OF-WAY.
- TRENCH BACKFILL FOR NON-PAVED AREAS SHALL BE INSTALLED WITHIN THE COUNTY'S RIGHT-OF-WAY PER DUPAGE COUNTY'S STANDARD.
- 10. TRENCH BACKFILL BELOW EXISTING OR PROPOSED PAVEMENT, CURB/GUTTER AND/OR SIDEWALK SHALL BE INSTALLED WITHIN THE COUNTY'S RIGHT-OF-WAY PER DUPAGE COUNTY'S STANDARD.
- TREES AND LANDSCAPING IS PROHIBITED IN THE COUNTY'S RIGHT-OF-WAY.
- 12. BRICK MAILBOXES ARE PROHIBITED IN THE COUNTY RIGHT-OF-WAY.
- 13. UPON COMPLETION OF THE PERMIT PROJECT, THE ENGINEER OR CONTRACTOR IS REQUIRED TO COMPLETE DUPAGE COUNTY ADA/PROWAG REPORTING FORMS. INSTRUCTIONS AND FORMS CAN BE FOUND AT THE DUPAGE COUNTY WEBSITE: HTTPS://
 WWW.DUPAGECOUNTY.GOV/GOVERNMENT/DEPARTMENTS/TRANSPORTATION/AMERICANS_WITH_DISABILITIES
 - ACT_(ADA).PHP PLEASE RETURN THE COMPLETED FORMS VIA E-MAIL TO MICHAEL.WISNIEWSKI@DUPAGECOUNTY.GOV
- . THE GENERAL CONTRACTOR SHALL SUBMIT THE ACCESSIBLE PEDESTRIAN SIGNAL WORK SHEET WITH THE TRAFFIC SIGNAL CATALOG CUTS TO DUPAGE COUNTY DIVISION OF TRANSPORTATION FOR THEIR REVIEW AND APPROVAL.

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COMMITMENTS

SCALE: NTS

 TREES THREE INCHES OR GREATER IN DIAMETER SHALL NOT BE REMOVED FROM APRIL 1 THROUGH SEPTEMBER 30 OF ANY CONSTRUCTION YEAR.

USER NAME = mzuzzio	DESIGNED - MLZ	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 2.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 5/22/2025	DATE -	REVISED -

GENERAL NOTES	F.A. RTE	SECTION	COUNTY
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH	5072	22-00055-00-BT	DUPAGE
ELIZABETH BINVEWOOD BALL HE SHARLED-OSE TATH			CONTRACT
CHEET 1 OF 1 CHEETC CTA TO CTA			

						TION CODE
					ROADWAY 90% STATE	TRAFFIC SIGNALS 90% STATE
					10% LOCAL	10% LOCAL
	PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	0028	0028
	20101100	TREE TRUNK PROTECTION	EACH	6	6	
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+	20101200	TREE ROOT PRUNING	EACH	3	3	
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Ī	20200100	EARTH EXCAVATION	CU YD	269	269	
	20200100	CANTI CACATATION	COTO	209	209	
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	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	688	688	
}						
	20800150	TRENCH BACKFILL	CU YD	14	14	
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-						
+	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,083	1,083	
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+	25000210	SEEDING, CLASS 2A	ACRE	2	2	
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+	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	180	180	
·		THE CONTRACT TO MENT	FOOND	100	160	
.	25000500					
+	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	180	180	
ŀ			***************************************			
+	25100630	EROSION CONTROL BLANKET	SQ YD	6,500	6,500	
-						
+	25200200	SUPPLEMENTAL WATERING	UNIT	8	8	
ŀ						
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200	200]
-						
+	28000305	TEMPORARY DITCH CHECKS	FOOT	90	90	
-						
	l					
+	28000400	PERIMETER EROSION BARRIER	FOOT	1 204	1 204	
Ť .	20000400	TEMPLIEN ENGLICH BANRIEN	FUUI	1,394	1,394	
	Ì					
 						
	28000510	INLET FILTERS	EACH	1	1	
-						
+	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	6,500	6,500	
l						
L						



USER NAME = mzużzio	DESIGNED - MLZ	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED .	REVISED -
PLOT DATE = 5/22/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION SCALE: NTS

		SU	MM	ARY	OF QU	ANTITIES	
ELIZA	BETH D	RIV		OD	DALE F	RD SHAR	ED-USE PATH
s	SHEET	1	OF	2	SHEETS	STA.	TO STA.

	RTE.	SEC	TION		COUNTY	SHEETS	NO.
	5072	22-0005	5-00-BT		DUPAGE	58	4
_					CONTRACT	NO. 6	1K77
1			ILLINOIS I	FED. A	D PROJECT		

				CONSTRU	CTION CODE TRAFFIC SIGNALS
				90% STATE 10% LOCAL	90% STATE 10% LOCAL
PAYCODE	TEM DESCRIPTION	UNIT	TOTAL	0028	0028
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	95	95	
31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	99	99	
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	2,851	2,851	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	323	323	
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	323	323	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,140	7,140	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	910	910	
					ļ
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	291	291	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	291	291	1
			251		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	889	889	
42400800	DETECTABLE WARNINGS	SQ FT	168	168	
44000100	PAVEMENT REMOVAL	SQ YD	2	2	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	313	212	
44000200	DIVERSI LAVERENT REHOVAE	30 10	313	313	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	109	109	
44000600	SIDEWALK REMOVAL	5Q FT	1,241	1,241	
50105220	PIPE CULVERT REMOVAL	FOOT	172	172	

USER NAME = mzuzzio	DESIGNED - MLZ	REV(SED +
	DRAWN - WJH	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE == 5/22/2025	DATE -	REVISED .

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
	SCALE: NTS

		SU	MM	ARY	OF QU	ANTITI	ES		F.A. RTE,	s
FI IZAI	RFTH C	עומר	FAMO	מחו	DALE	ลก รม	ARED-USE	рати	5072	22-00
LLILA	OF111 F	2111.8	<i></i>		DALL I	ווט טוו	MILED-OOF	IAIII		
NTS	SHEET	7	OF	7	SHEETS	STA.	TO	STA		

					CTION CODE
BANGOOS				ROADWAY 90% STATE 10% LOCAL	TRAFFIC SIGNALS 90% STATE 10% LOCAL
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	0028	0028
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	6	6	- un =
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	178	178	
60262900	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1	
60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	3	
60600605	CONCRETE CURB, TYPE B	FOOT	80	80	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	60	60	
67100100	MOBILIZATION	L SUM	1	<u>a</u>	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	<u> </u>
72000100	SIGN PANEL - TYPE 1	SQ FT	116	116	
72000200	SIGN PANEL - TYPE 2	SQ FT	26	26	
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	54511			
72400100	REMOVE SIGN FAMEL ASSEMBLY - TIFE A	EACH	17	17	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	345	345	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	134	134	<u> </u>
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	50	50	
		1001	70	30	
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	130	130	

+ SPECIALTY ITEM

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PLOT DATE = 5/22/2025	DATE -	REVISED -
	=	

STATE OF ILLINOIS	SUMMARY OF QUA
DEPARTMENT OF TRANSPORTATION	ELIZABETH DRIVE/WOOD DALE R
	SCALE: NTS SUCCE 2 OF 2 CHEETE

		SU	MM/	ARY	OF QU	ANTITIE	S			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IZABETH DRIVEWOOD DALE RD SHARED-USE PATH					5072	22-00055-00-BT	DUPAGE	5B	6					
	4 L I I I	3111.8		UD	DALL	אווני טו	INCO-OSC	LWIII				CONTRACT	NO. E	1K77
	SHEET	2	OF	2	SHEETS	STA.	το	STA.	i		ILLINOIS (FEE	. AID PROJECT		

				I	CONSTRUC	TION CODE
					ROADWAY	TRAFFIC SIGNALS
					90% STATE	90% STATE
Į	PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	10% LOCAL 0028	10% LOCAL 0028
+-	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	360	360	
[*] }					300	
₊ -	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	40	40	
	78300202	DAVEMENT MADERIC REMOVAL WATER PLACTING	50.57			
- }	76300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	56	56	
+	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	10		10
+	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	4	4	
Ė					·	
}				:		
+	84200804	REMOVAL OF POLE FOUNDATION	EACH	2	2	
+	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1
1						
}	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	COOT	75		25
+	87301213	ELECTRIC CADEL BY CONDUIT, SIGNAL NO. 14 ZC	FOOT	35		35
ļ						
+	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	35		35
+	87302212	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 2C	FOOT	140		140
ŀ						
-						
+	87302225	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	135		135
Ĺ						
+	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		2
Ī						
. }	89502200	MODIFY EXISTING CONTROLLER	EACH	1		1
*			que the []	*		-
}						
+	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1	_	1
4	D2003760	EVERGREEN, THUJA OCCIDENTALIS (AMERICAN ARBORVITAE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	70	70	
ŀ	V0026838	CHIDID DEMOVAL	FA 0.1		_	
+	K0026830	SHRUB REMOVAL	EACH	6	6	

+ SPECIALTY ITEM

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	DRAWN	-	WJH	REVISED	-
PLOT SCALE == 2,0000 ' / In.	CHECKED	-		REVISED	-
PLOT DATE = 5/22/2025	DATE	-		REVISED	-

STATE OF	: ILLINOIS
DEPARTMENT OF	TRANSPORTATION

			S	OF QU	ANTITIES			
	ELIZA	BETH	DRIV	/E/W	DOD	DALE I	RD SHARI	ED-USE PATH
I	SCALE: NTS	SHEET		OF	2	SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL	
5072	22-00055-00-BT	DUPAGE	58	7
		CONTRACT	NO. 6	1K77
	LILLINOIS FED. A	ID PROJECT		

						TION CODE
					ROADWAY 90% STATE	TRAFFIC SIGNALS 90% STATE
	PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	10% LOCAL 0028	10% LOCAL 0028
+	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	3	3	3024
+	K0036120	MULCH PLACEMENT 4"	SQ YD	263	263	
	7,1022320	- NOTE TO SECTION OF THE PROPERTY OF THE PROPE	30 10	203	203	
٠	K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1	
	X0350805	FOLD DOWN BOLLARDS	EACH	1	1	
. [X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1		1
	X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	200	200	
ŀ						
ŀ	X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	4	4	
ŀ	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	TELEGO AL SIGN PAREZ	EACH	4	4	
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2	
	X4420201	PAVEMENT PATCHING (SPECIAL)	SQ YD	22	22	
	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	1	
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	103	103	
-	X7240302	REMOVE SIGN (SPECIAL)	EACH	1	1	
-					-	
	X7290004	DECORATIVE SIGN POST	EACU	1	÷	
•	233004	2555	EACH	1	1	
-	1407				***************************************	
-	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2		2
-						
	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4		4
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
ŀ	Z0051398	REMOVE EXISTING SIGN POST	EACH	1	1	
L				•	<u>*</u>	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

	(CROSS SECTION BASE)
DESCRIPTION	ELIZABETH DR	WOOD DALE RD	TOTAL
EARTH EXCAVATION	176.0	93.0	269.0
FURNISHED EXCAVATION	0.0	0.0	0.0

WOOD DALE	STACE 1	(CU YD)	EARTHWORK BALANCE WASTE () OR SHORTAGE (-) WITH 15%
WOOD DALE	STAGE 1	(CO 1D)	SHRINKAGE
STATION	EARTH EXCAVATION	EMBANKMENT	STAGE 1
200+00.00			0.0
200+00.00	0.0	0.0	0.0
200+50.00	12.0	1.5	8.8
201+00.00	10.3	1.5	7.3
201+50.00	7.0	2.1	3.9
202+00.00	5.5	4.1	0.6
202+25.00	1.3	1.3	-0.2
202+50.00	6.0	0.8	4.3
203+00.00	14.7	2.4	10.2
203+50.00	4.2	1.9	1.6
204+00.00	4.4	2.5	1.2
204+50.00	5.6	1.9	2.9
204+91.00	2.1	0.4	1.4
205+00.00	0.0	0.0	0.0
205+50.00	1.8	0.9	0.6
206+00.00	4.7	1.7	2.3
206+50.00	5.9	0.7	4.3
207+00.00	7.5	0.0	6.4
207+00.00	0.0	0.0	0.0
TOTALS	92.96	23.62	55.4

TOTAL (CU YD)

20200100	EARTH EXCAVATION	55.4
20400800	FURNISHED EXCAVATION	0.0

ELIZABETH	PATH (C	CU YD)	EARTHWORK BALANCE WASTE () OR SHORTAGE (-) WITH 15% SHRINKAGE
STATION	EARTH EXCAVATION	EMBANKMENT	STAGE 1
100+00.00			0.0
100+00.00	0.0	0.0	0.0
100+50.00	2.9	0.7	1.8
101+00.00	5.5	0.0	4.7
101+50.00	4.9	0.0	4.2
102+00.00	4.6	0.0	3.9
102+50.00	6.0	0.0	5.1
103+00.00	6.8	0.0	5.8
103+50.00	8.7	0.0	7.4
104+00.00	10.2	0.0	8.6
104+50.00	8.5	0.0	7.3
105+00.00	6.4	0.0	5.4
105+50.00	5.3	0.0	4.5
106+00.00	7.0	0.0	5.9
106+50.00	7.7	0.0	6.5
107+00.00	4.1	0.5	2.9
107+50.00	2.1	1.0	0.8
108+00.00	2.1	2.0	-0.2
108+50.00	3.5	2.2	0.8
109+00.00	4.3	1.1	2.6
109+50.00	8.9	1.2	6.3
110+00.00	8.4	4.6	2.6
110+50.00	2.8	5.8	-3.4
111+00.00	2.3	3.1	-1.1
111+50.00	2.9	1.2	1.2
112+00.00	5.3	0.2	4.3
112+50.00	7.1	0.0	6.0
113+00.00	9.5	0.0	8.1
113+50.00	7.7	0.0	6.6
114+00.00	4.7	0.5	3.5
114+50.00	5.1	1.3	3.1
115+00.00	3.4	3.5	-0.7
115+50.00	3.0	9.4	-6.8
116+00.00	2.8	16.1	-13.7
116+49.00	0.7	10.9	-10.3
116+49.00	0.0	0.0	0.0
TOTALS	175.1	65.2	83.7

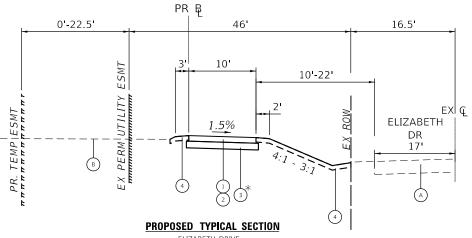
TOTAL (CU YD)

20200100	EARTH EXCAVATION	176.0
20400800	FURNISHED EXCAVATION	0.0

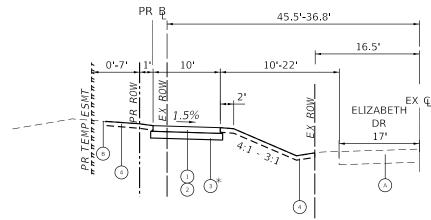
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PLOT SCALE = 2.0000 / in.	CHECKED -	REVISED -	
PLOT DATE = 5/22/2025	DATE -	REVISED -	

		SC	HED	ULE	OF QU	ANTITIES	<u> </u>		F.A. RTE.	
FI 17Δ	RFTH N	RIV	F/M0	חח	DALE	RD SHAF	RED-USE I	РΔТН	5072	22-
							ILD OOL I			
SCALE: NTS	SHEET	1	OF	1	SHEETS	STA.	TO	STA.		

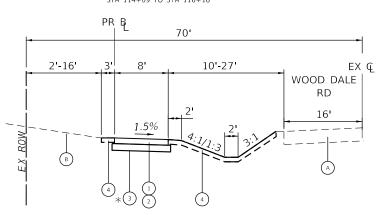


ELIZABETH DRIVE STA 100+10 TO STA 114+09



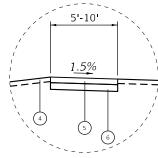
PROPOSED TYPICAL SECTION

ELIZABETH DRIVE STA 114+09 TO STA 116+18



PROPOSED TYPICAL SECTION

WOOD DALE ROAD STA 200+00 TO STA 202+07 STA 202+44 TO STA 207+08



PROPOSED TYPICAL SECTION

ELIZABETH DRIVE STA 99+99 TO STA 100+10 STA 116+18 TO STA 117+52 STA 117+35 TO STA 117+51

WOOD DALE ROAD STA 202+07 TO 202+15 STA 202+39 TO STA 202+44

HOT-MIX ASPHALT MIXTURE REQUIRE	MENTS	QMP
MIXTURE TYPE	AIR VOIDS @NDES	
IMA MULTI-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 2"	4% @ 50 GYR.	LR 1030-2
HMA FOR PAVEMENT PATCHING (SPECIAL)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR.	LR 1030-2
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5"	4% @ 50 GYR.	LR 1030-
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), 6"	4% @ 50 GYR.	LR 1030-

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

- LEGEND

 (A) EXISTING HMA PAVEMENT
- B EXIST GROUND
- 1 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2.0"
- 2 HOT-MIX ASPHALT BINDER COURSE, IL-9.5 N50; 2.0"
- 3 SUBBASE GRANULAR MATERIAL, TYPE B 6" (CA-6)
- 4 SEEDING, CLASS 2A/TOPSOIL EXCAVATION AND PLACEMENT, 6"
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 6 SUBBASE GRANULAR MATERIAL, TYPE B, 2" (CA-6)
- * SUBGRADE GRANULAR MATERIAL EXTENDS 1' FROM HMA AGGREGATE SUBGRADE IMPROVEMENT (CY) SHALL BE PLACED AT DIRECTION OF RESIDENT ENGINEER
- AGGREGATE BASE COURSE, TYPE B, 8" (CA-6) SHALL BE PLACED UNDER DRIVEWAYS

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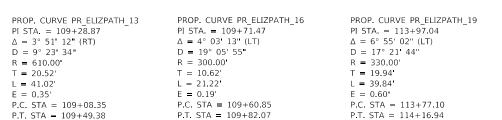
USER NAME = mzuzzio	DESIGNED - MLZ	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/22/2025	DATE -	REVISED -

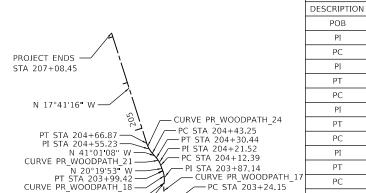
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SCALE: NTS

PROPOSED TYPICAL SECTIONS	F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH	5072	22-00055-00-BT	DUPAGE	58	10
LEIZABETH BINVENVOOD BALL HD SHAHLD-OSE FATH			CONTRACT	NO. 6	51K77
S SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. AI	D PROJECT		

ALIGNMEN	T COORDINATES -	ELIZABETH DRIVE M	IULTI-USE PATH
DESCRIPTION	STATION	N	E
POB	99+66.48	1925396.65	1079229.03
PΙ	100+60.72	1925399.03	1079323.24
PI	100+77.64	1925395.44	1079339.77
PI	103+66.16	1925405.49	1079628.12
PI	105+32.22	1925416.15	1079793.84
ΡΙ	106+73.70	1925419.62	1079935.27
PC	109+08.35	1925426.06	1080169.84
PI	109+28.87	1925426.62	1080190.35
PT	109+49.38	1925425.80	1080210.85
PC	109+60.85	1925425.34	1080222.32
PI	109+71.47	1925424.92	1080232.93
PT	109+82.07	1925425.25	1080243.54
PC	113+77.10	1925437.46	1080638.38
PI	113+97.04	1925438.07	1080658.31
PT	114+16.94	1925441.09	1080678.03
PI	116+33.32	1925473.77	1080891.93
PI	116+49.91	1925474.75	1080908.49
POE	117+60.25	1925496.06	1081016.75





PRC STA 203+74.31-

CURVE PR_WOODPATH_14 ---

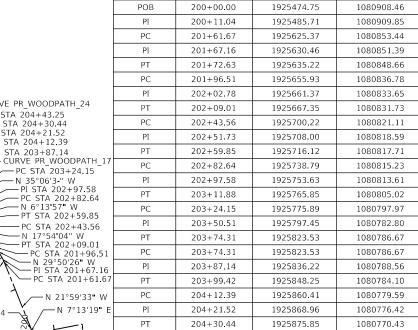
CURVE PR_WOODPATH_11---

N 8°26'33" E-

PI STA 203+50.51— PT STA 203+11.88—

PI STA 202+51.73 -

PI STA 202+02.78 -



1925885.51

1925894.55

1925905.96

1926136.12

1080762.03

1080754.17

1080750.53

1080677.13

ALIGNMENT COORDINATES - WOOD DALE ROAD MULTI-USE PATH

STATION

PC

PΙ

PT

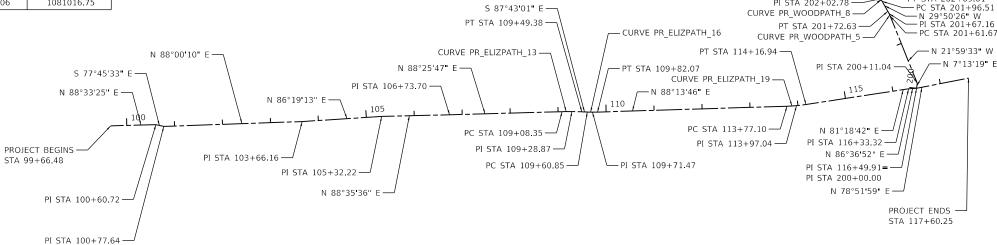
POE

204+43.25

204+55.23

204+66.87

207+08.45



PI STA. = 201+67.16 $\Delta = 7^{\circ} 50' 53'' (LT)$ D = 71° 37' 11" R = 80.00' T = 5.49' L = 10.96' E = 0.19'	PI STA. = 202+02.78 Δ = 11° 56' 22" (RT) D = 95° 29' 35" R = 60.00' T = 6.27' L = 12.50' E = 0.33' P.C. STA = 201+96.51	Δ = 43° 33' 03" (RT) D = 86° 48' 42" R = 66.00' T = 26.37' L = 50.17' E = 5.07'	PI STA. = $203+87.14$ $\Delta = 28^{\circ} 46^{\circ} 26^{\circ} (LT)$ $D = 114^{\circ} 35^{\circ} 30^{\circ}$ $R = 50.00^{\circ}$ $T = 12.83^{\circ}$ $L = 25.11^{\circ}$ $E = 1.62^{\circ}$ P.C. STA = $203+74.31$
PI STA. = 202+51.73 Δ = 11° 40' 07" (RT) D = 71° 37' 11" R = 80.00' T = 8.17' L = 16.29' E = 0.42' P.C. STA = 202+43.56	Δ = 28° 52' 34" (LT) D = 98° 47' 09" R = 58.00' T = 14.93' L = 29.23'	PI STA. = $204+21.52$ $\Delta = 20^{\circ} 41^{\circ} 14^{\circ}$ (LT) D = $114^{\circ} 35^{\circ} 30^{\circ}$ R = 50.00° T = 9.13° L = 18.05° E = 0.83° P.C. STA = $204+12.39$	PI STA. = 204+55.23 Δ = 23° 19' 52" (RT) D = 98° 47' 09" R = 58.00' T = 11.97' L = 23.62' E = 1.22' P.C. STA = 204+43.25

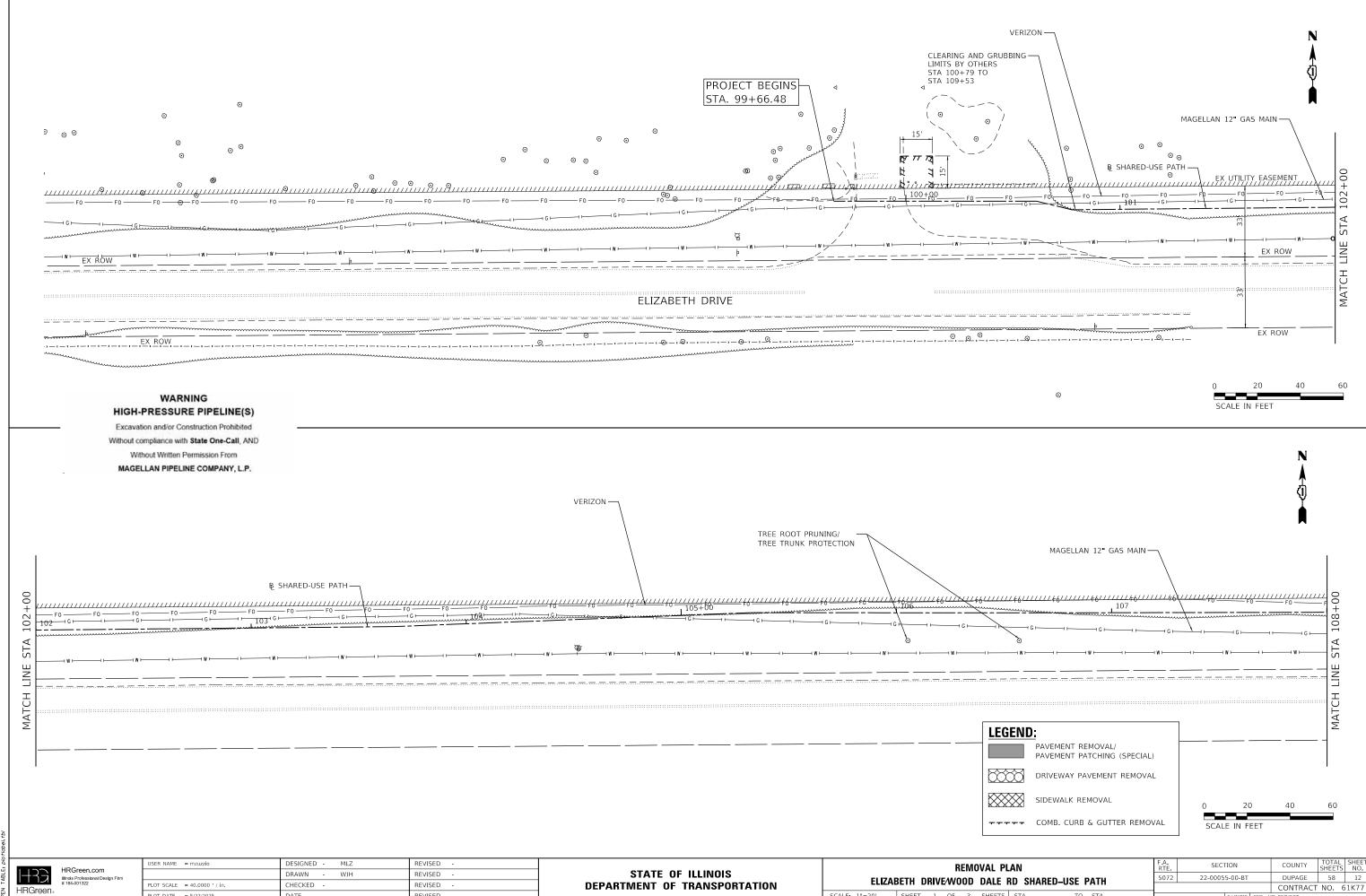
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	DRAWN - WJH	REVISED -
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
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STATE OF ILLINOIS							
DEPARTMENT	0F	TRANSPORTATION					

SCALE: NTS

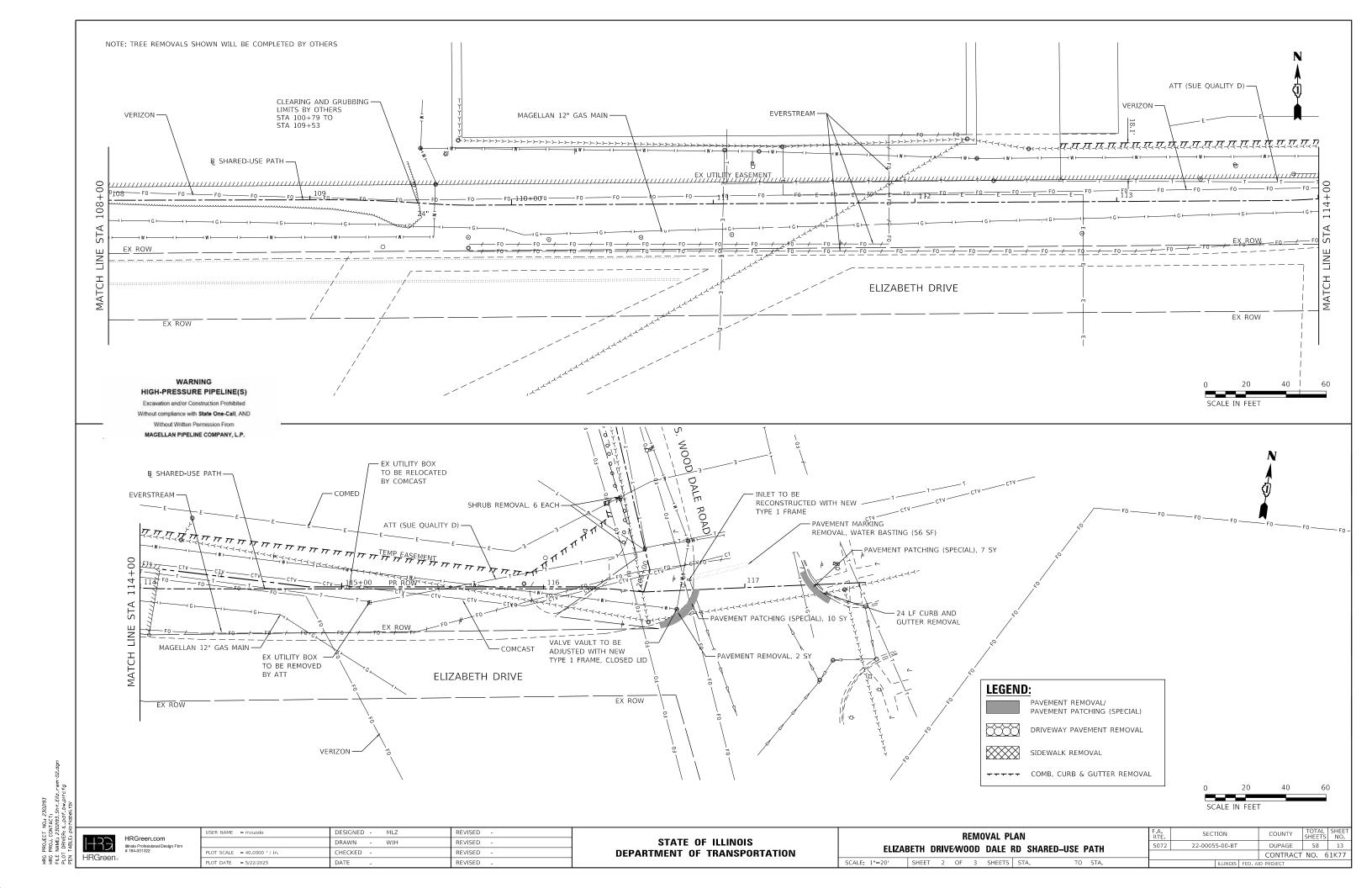
ALIGNMENT, TIES & BENCHMARKS				F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH				5072	22-00055-00-BT	DUPAGE	58	11
ELIZADETH DRIVEVVOOD DALE ND SHANED-USE PATH						CONTRACT	NO. €	1K77
S	SHEET 1 OF 1	SHEETS STA.	TO STA.		ILLINOIS FED. A	D PROJECT		

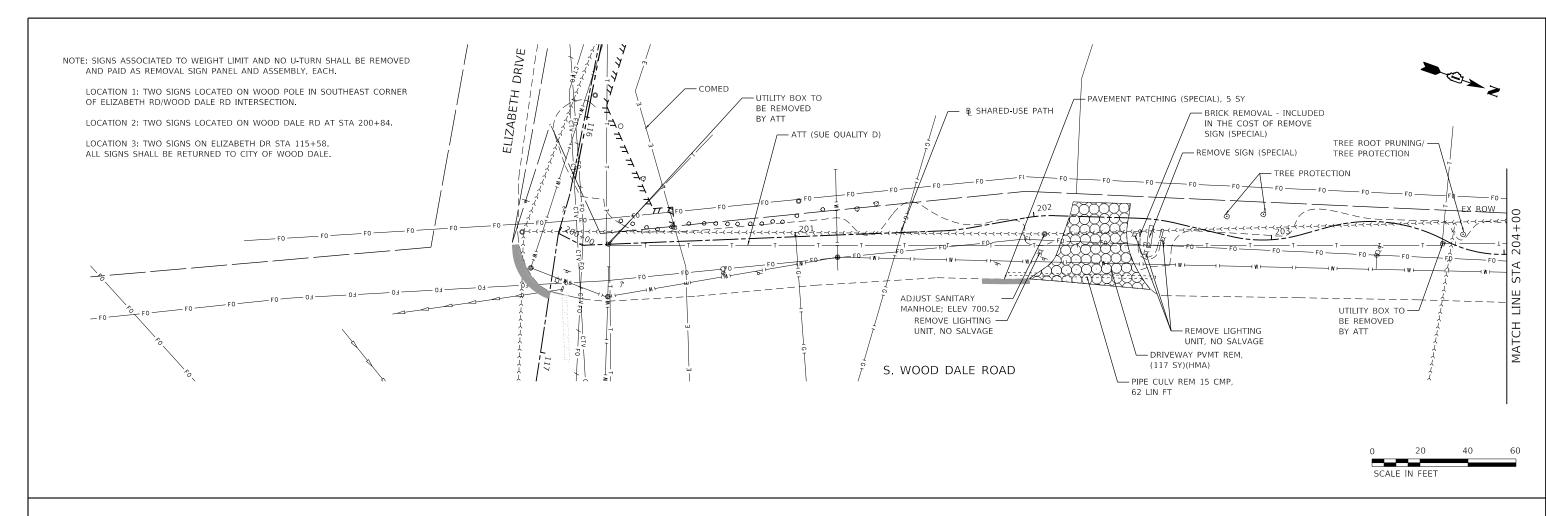


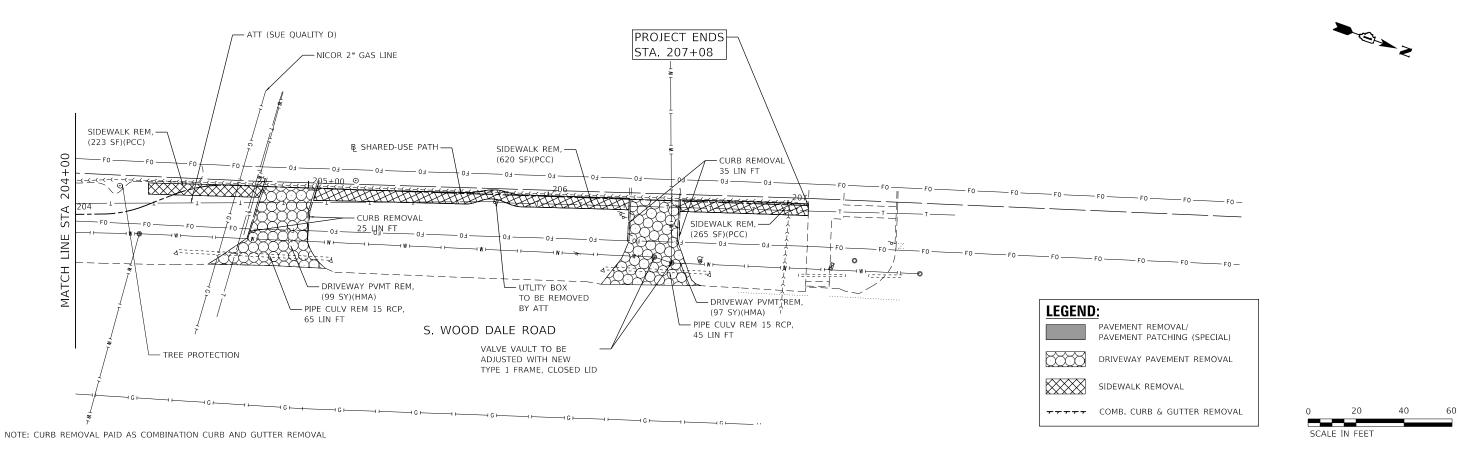
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SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA.

CONTRACT NO. 61K77







STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

SECTION

22-00055-00-BT

DUPAGE

CONTRACT NO. 61K77

58 14

REMOVAL PLAN

ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA.

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PLOT DATE = 5/22/2025

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WJH

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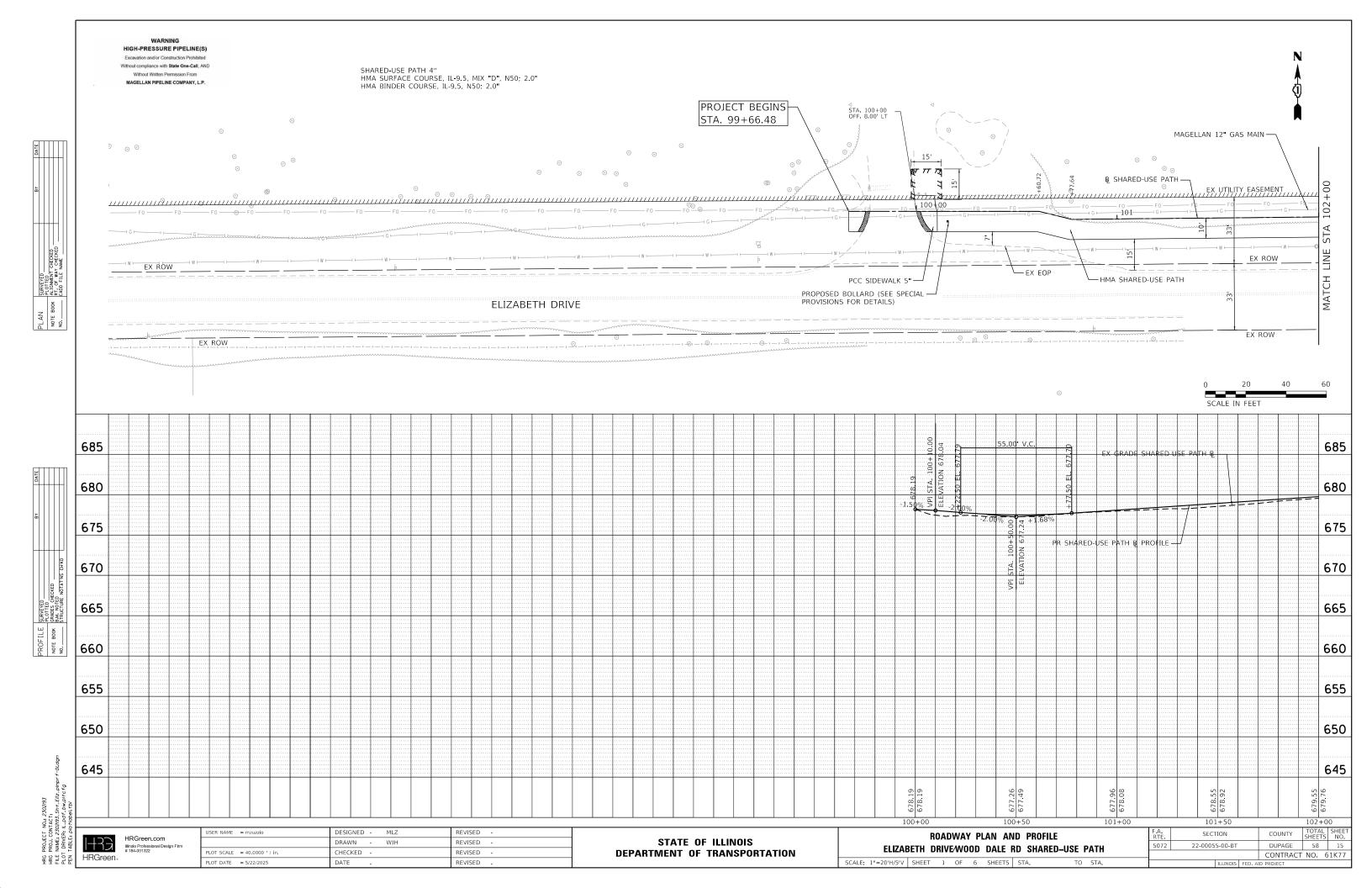
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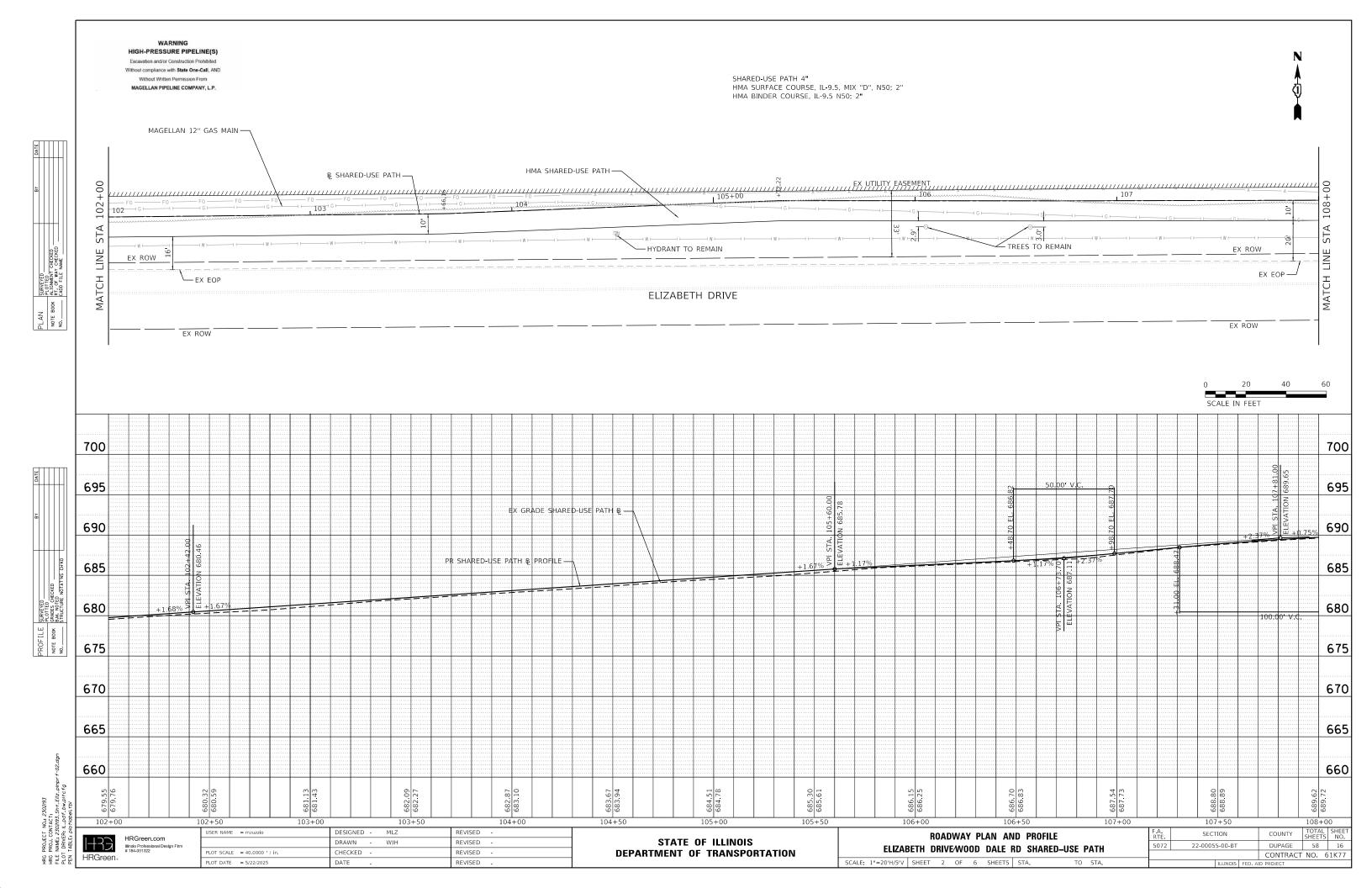
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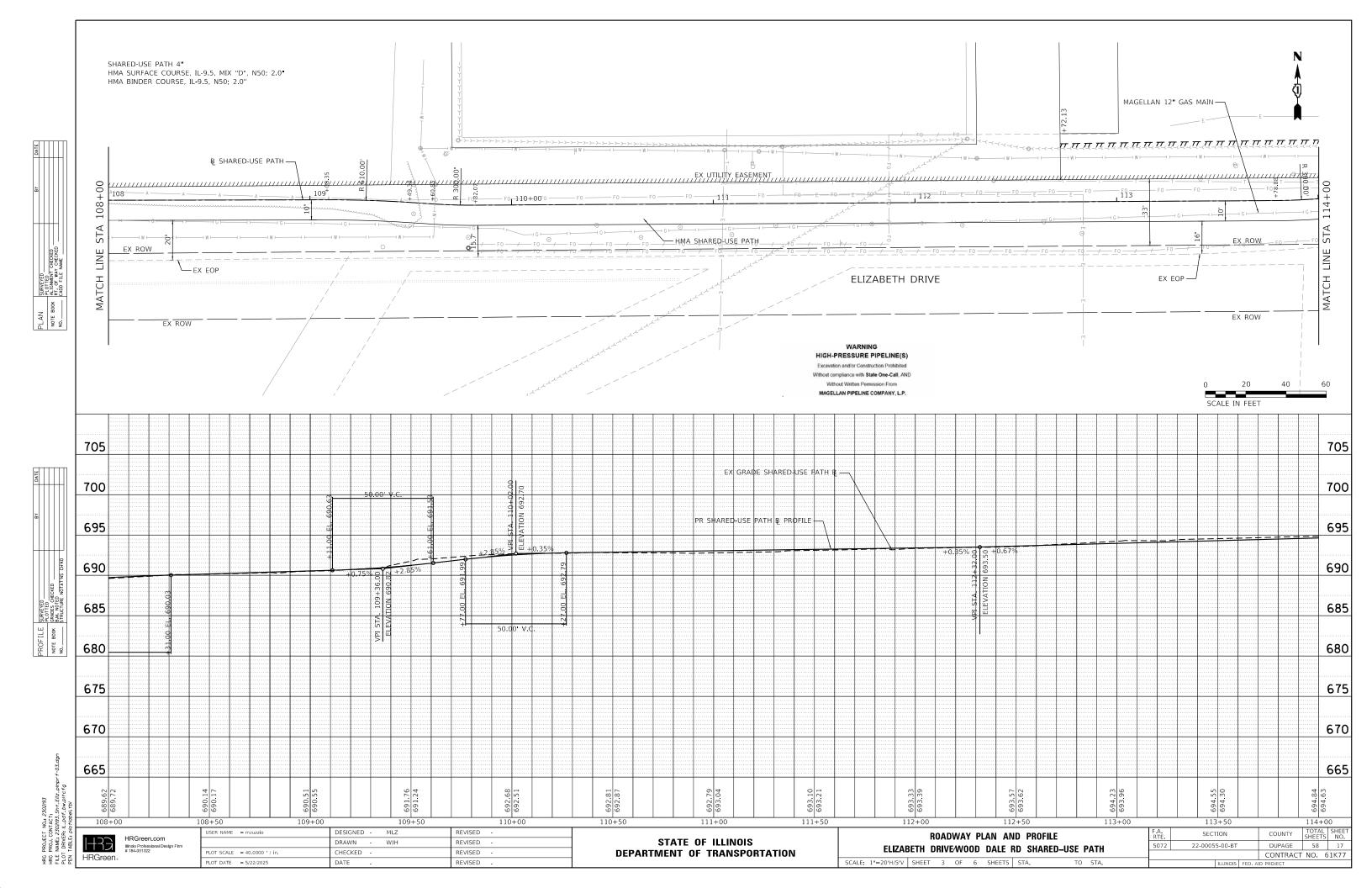
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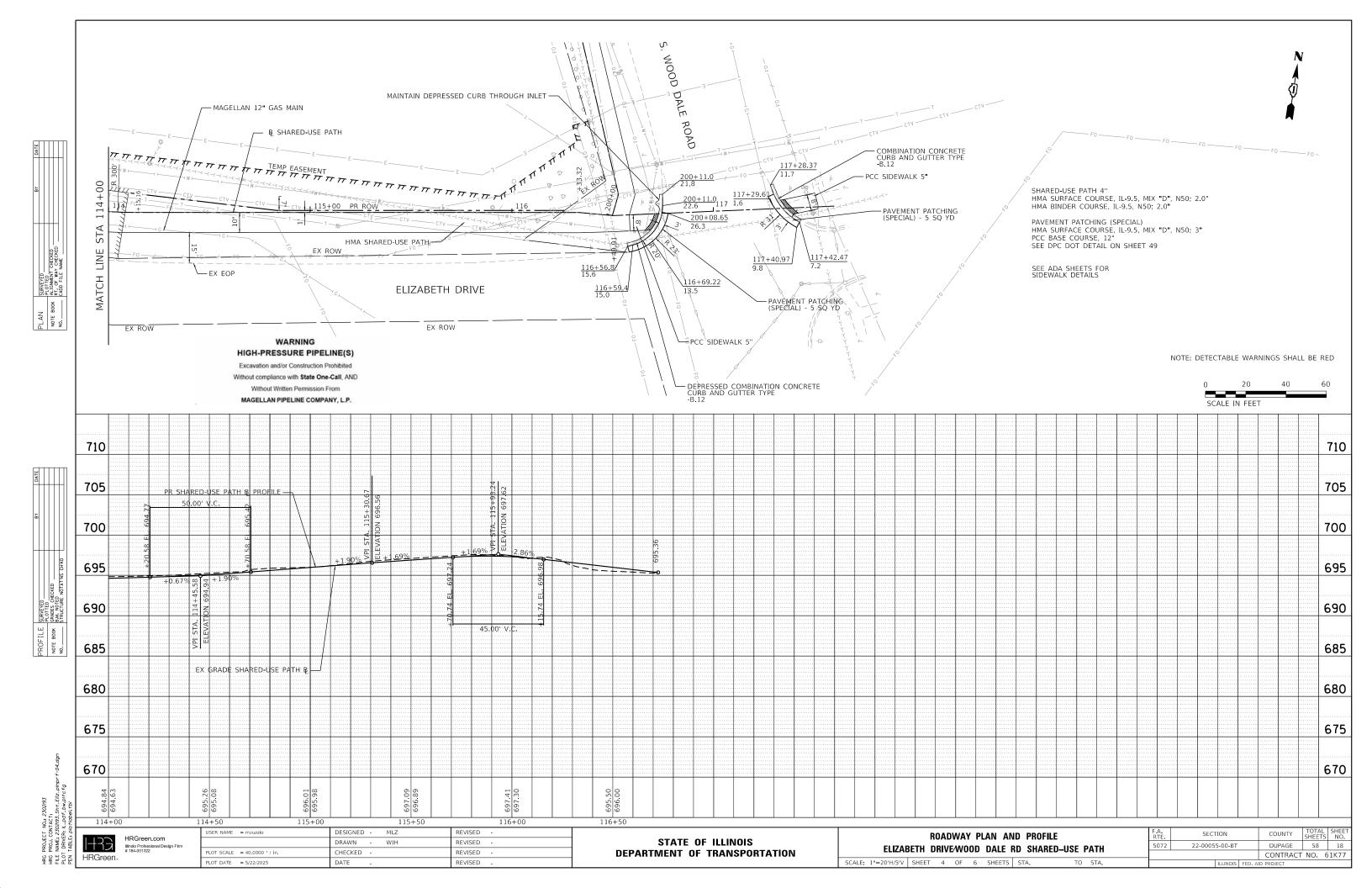
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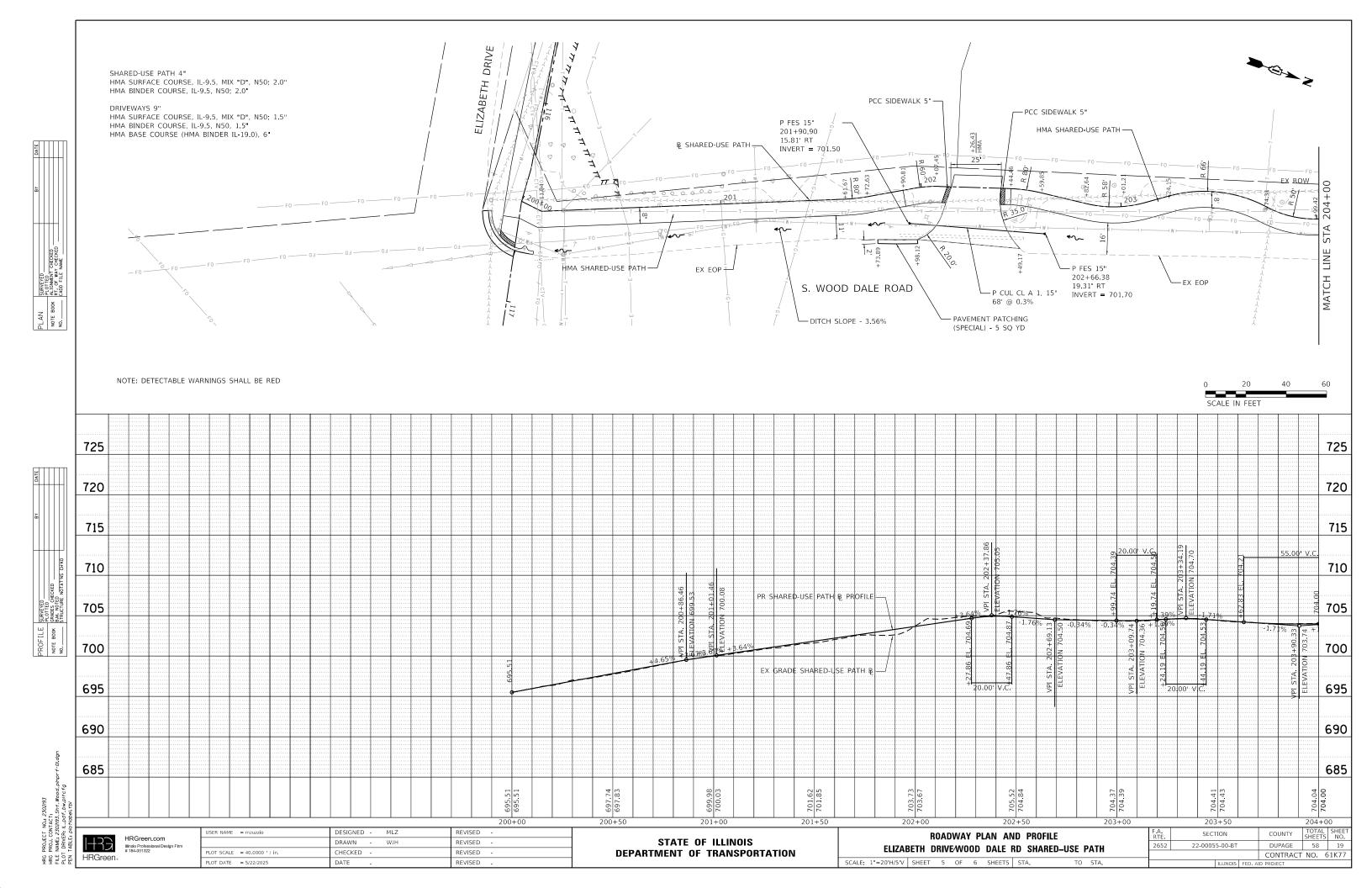
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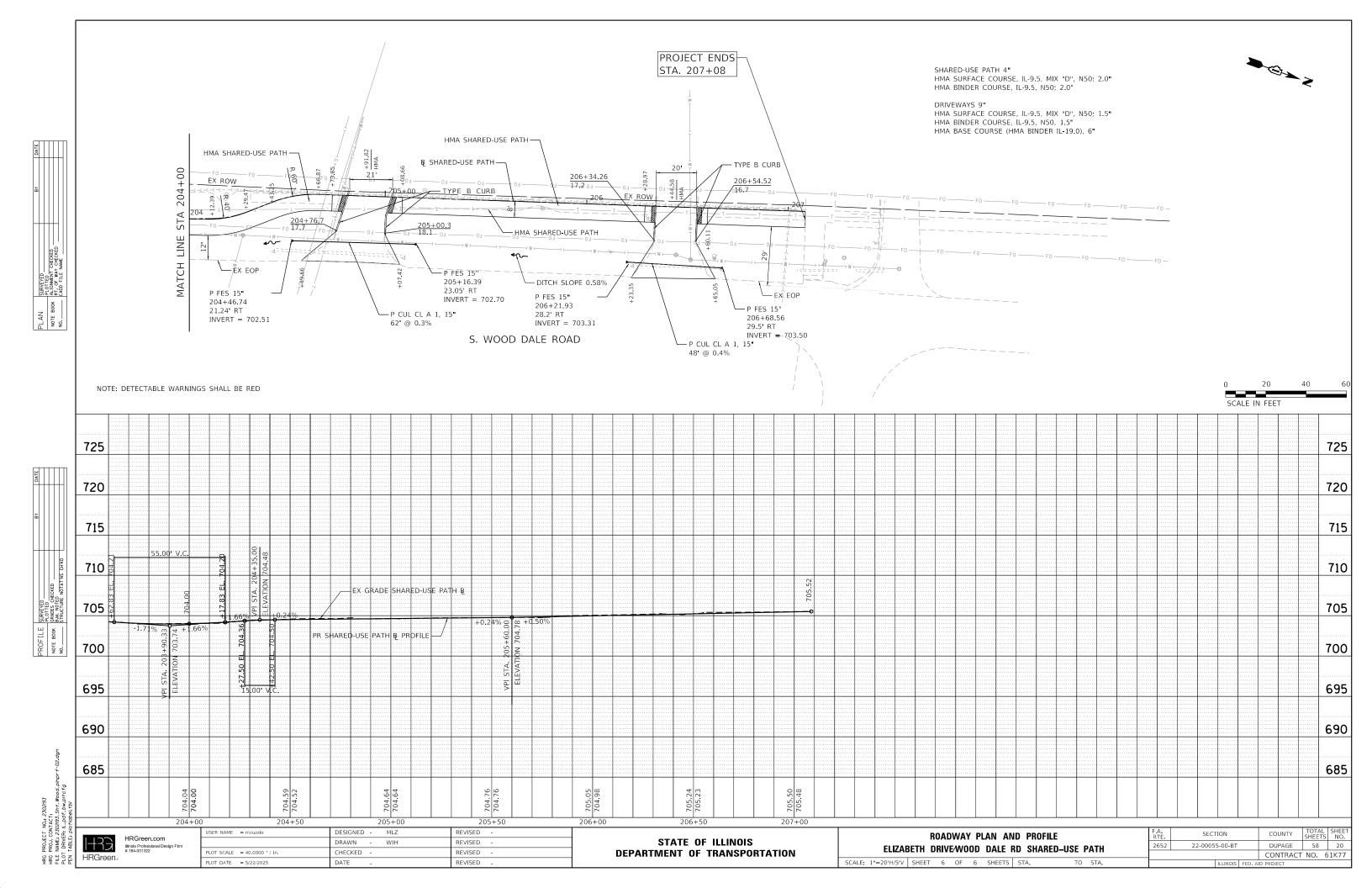


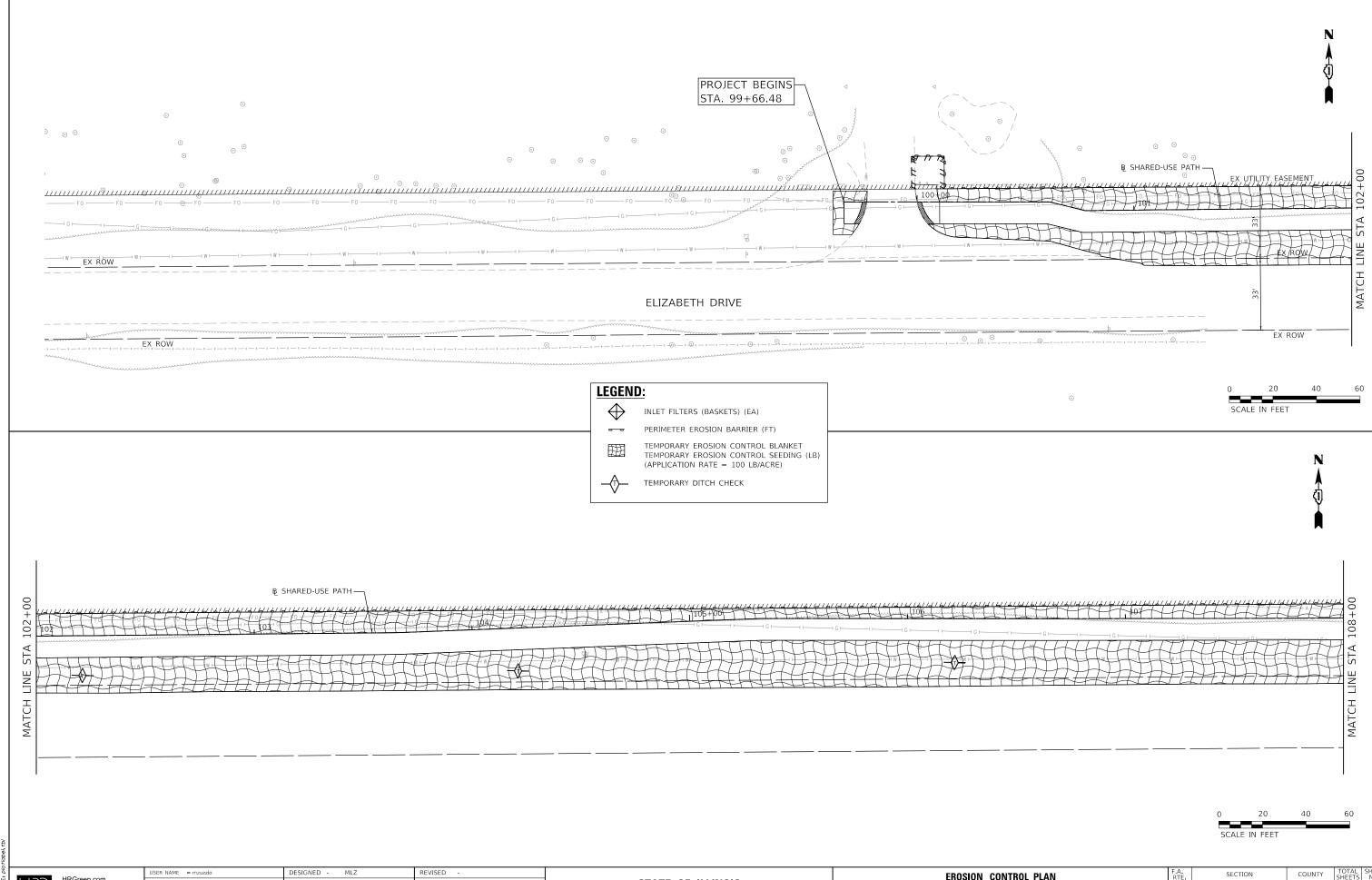












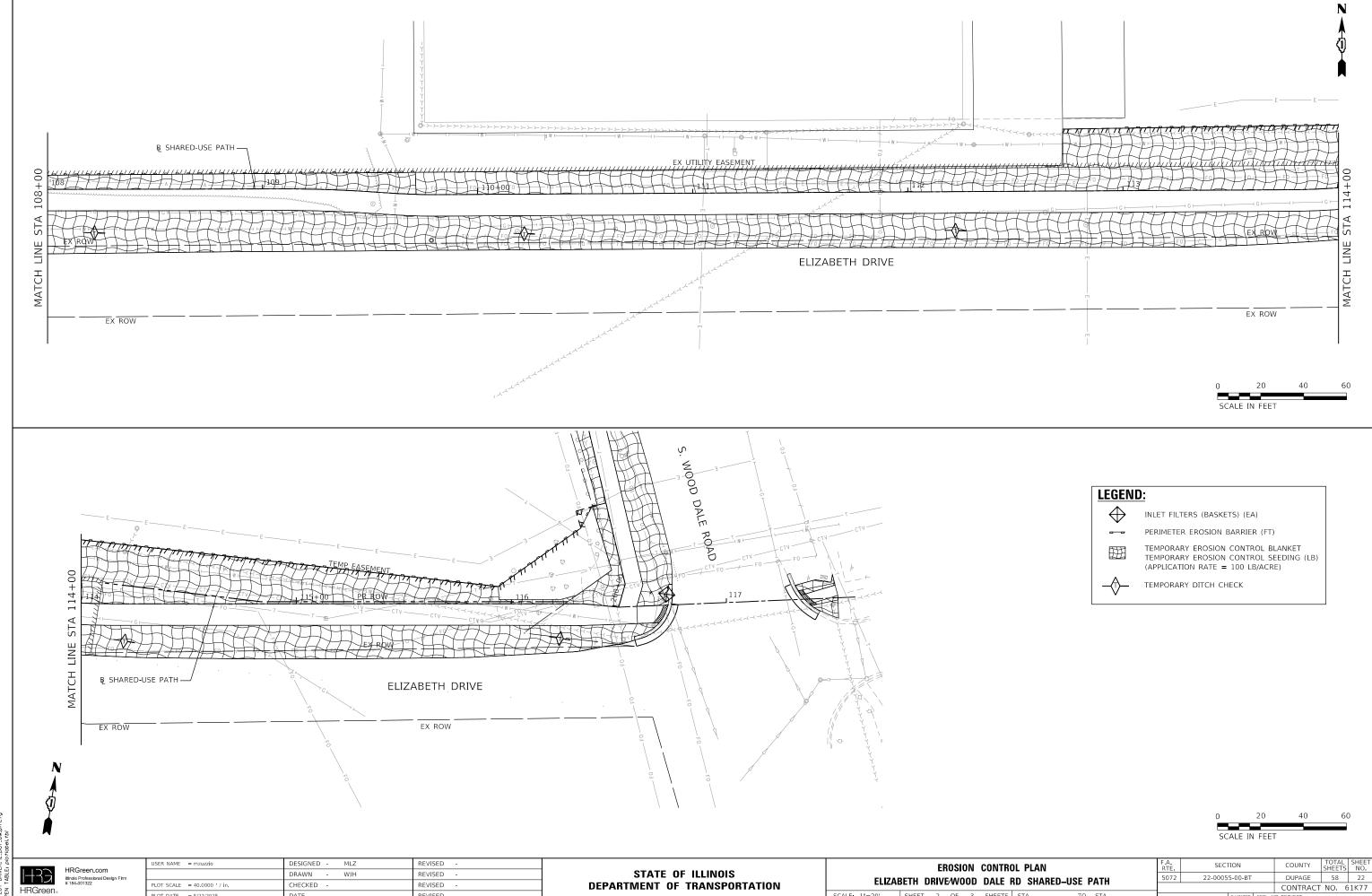
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PLOT DRIVER: IL. Ddf. Dw. pitcfg
FEN TABLE: potodel,tbi

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Illinois Professional Design Firm
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	DRAWN - WJH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/22/2025	DATE -	REVISED -

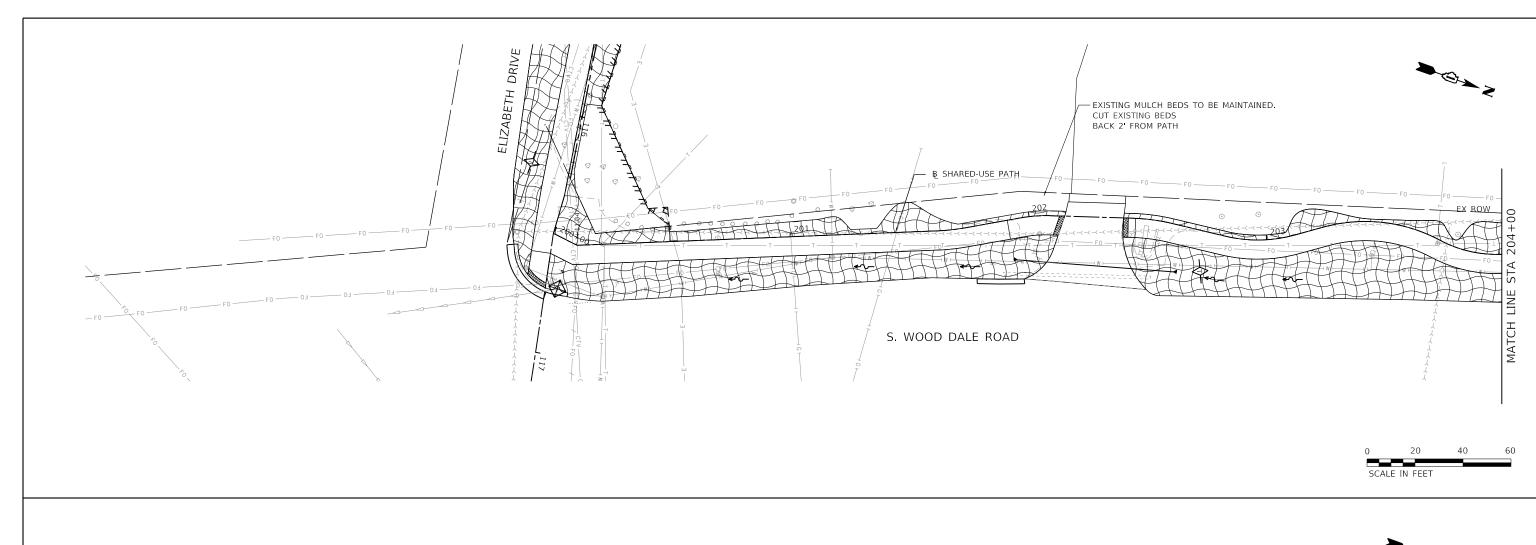
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

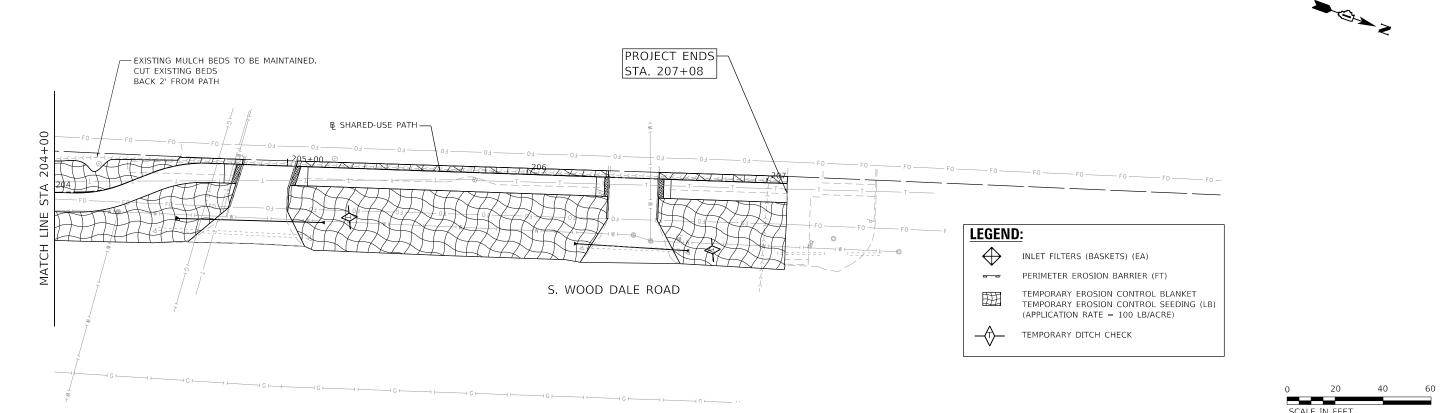
EROSION CONTROL PLAN										
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH										
SCALE: 1"=20'	SHEET	1	OF	3	SHEETS	STA.	TO STA.			



SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA.

PLOT DATE = 5/22/2025





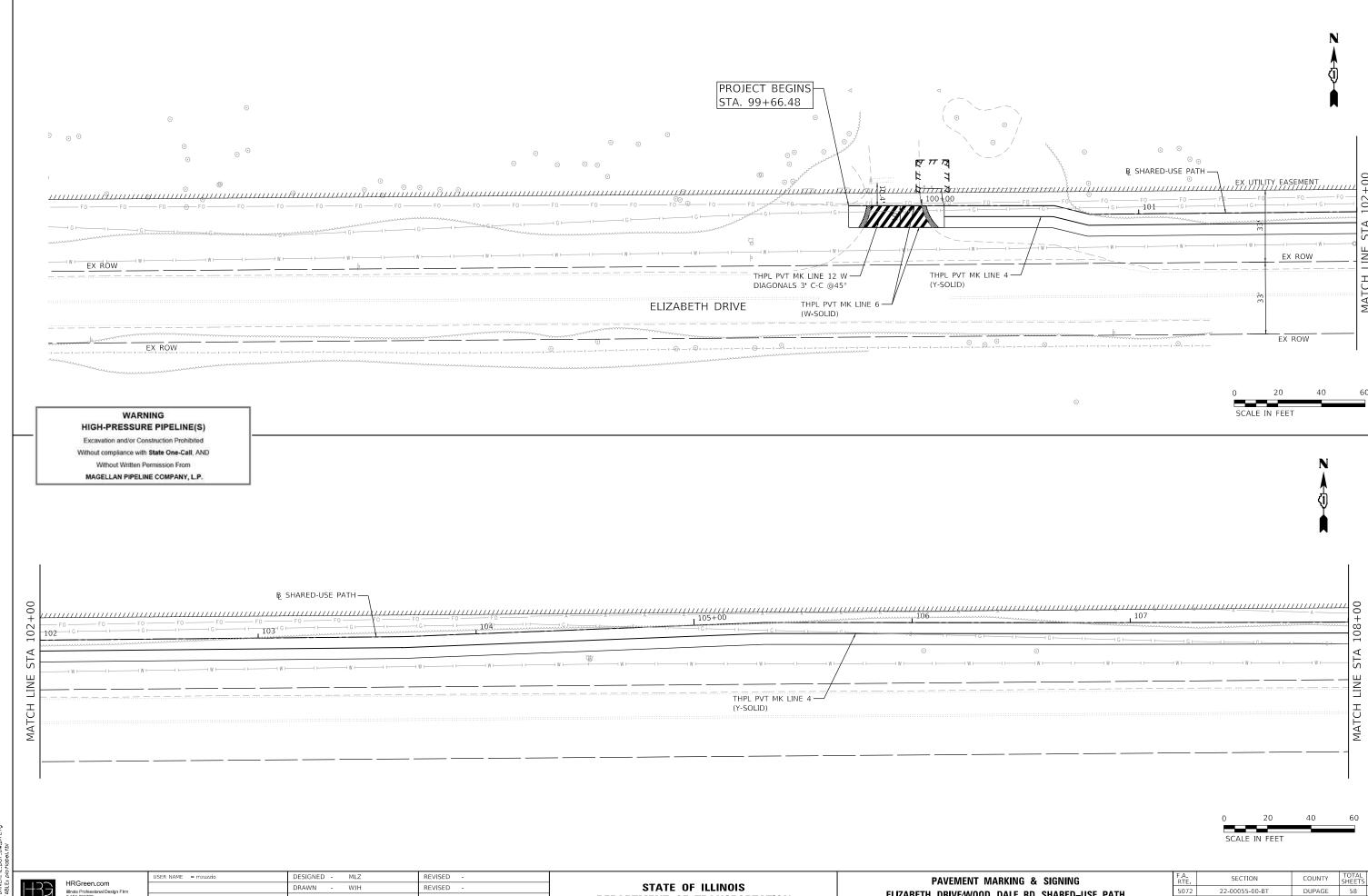
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PLOT DRIVER, iL., Doff, bw, pptcfg
PEN TABLE, plostobel, tbl

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DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN										
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH										
SCALE: 1"=20'	SHEET	3	OF	3	SHEETS	STA.	TO STA.			



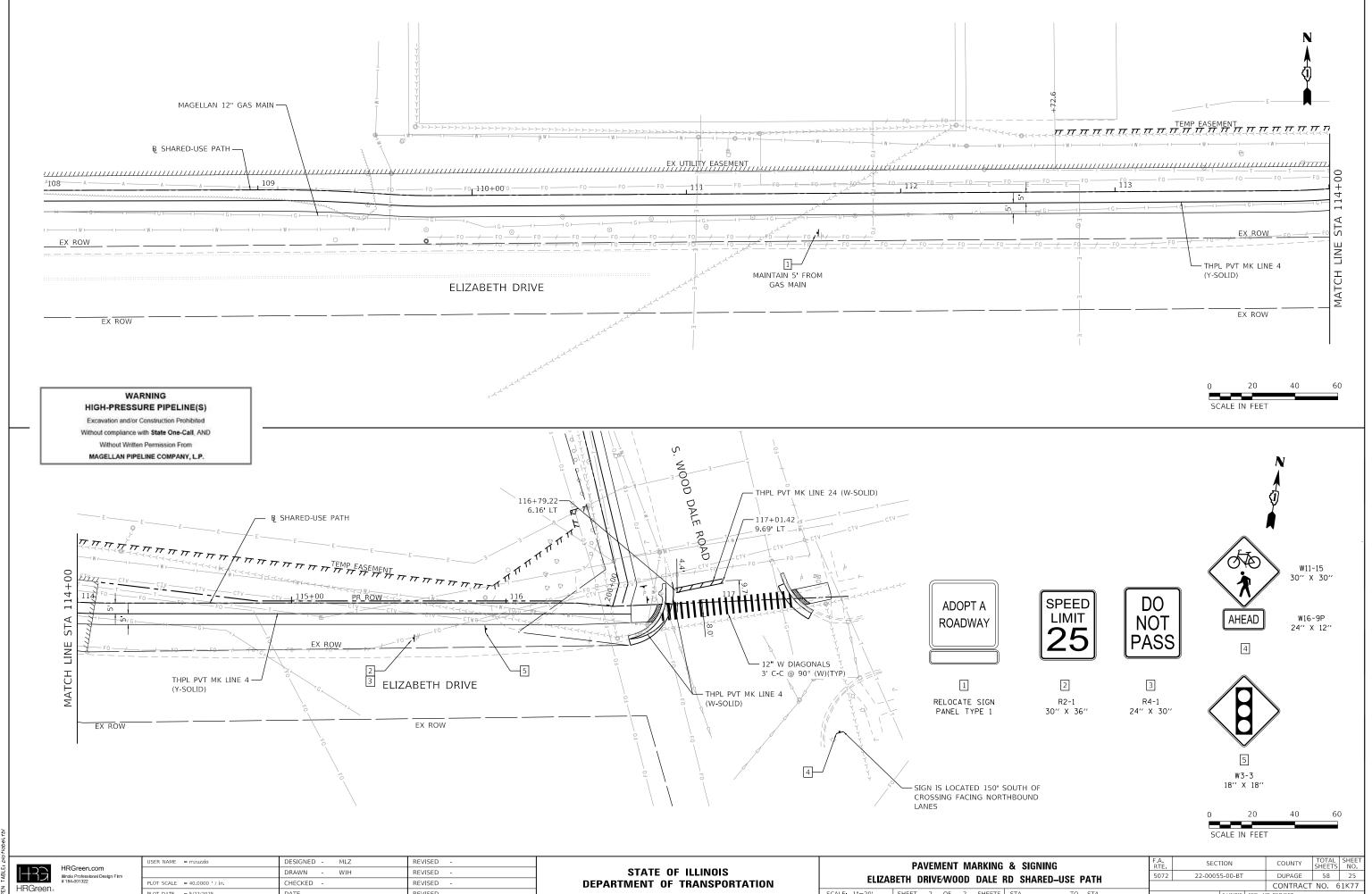
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LOT SCALE = 40.0000 / in. CHECKED -REVISED PLOT DATE = 5/22/2025

DEPARTMENT OF TRANSPORTATION

ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA.

58 24 22-00055-00-BT CONTRACT NO. 61K77

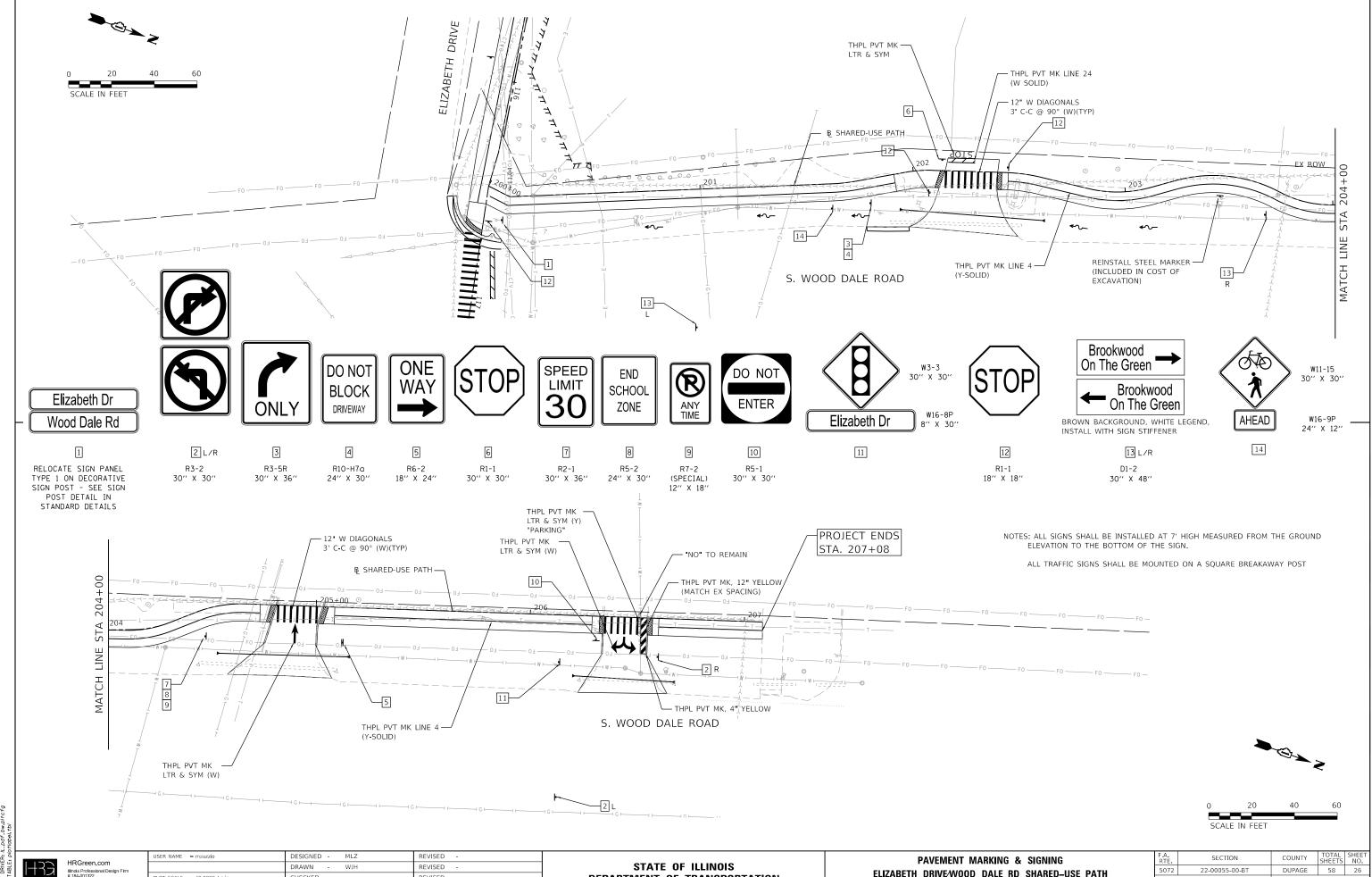


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DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA.

CONTRACT NO. 61K77



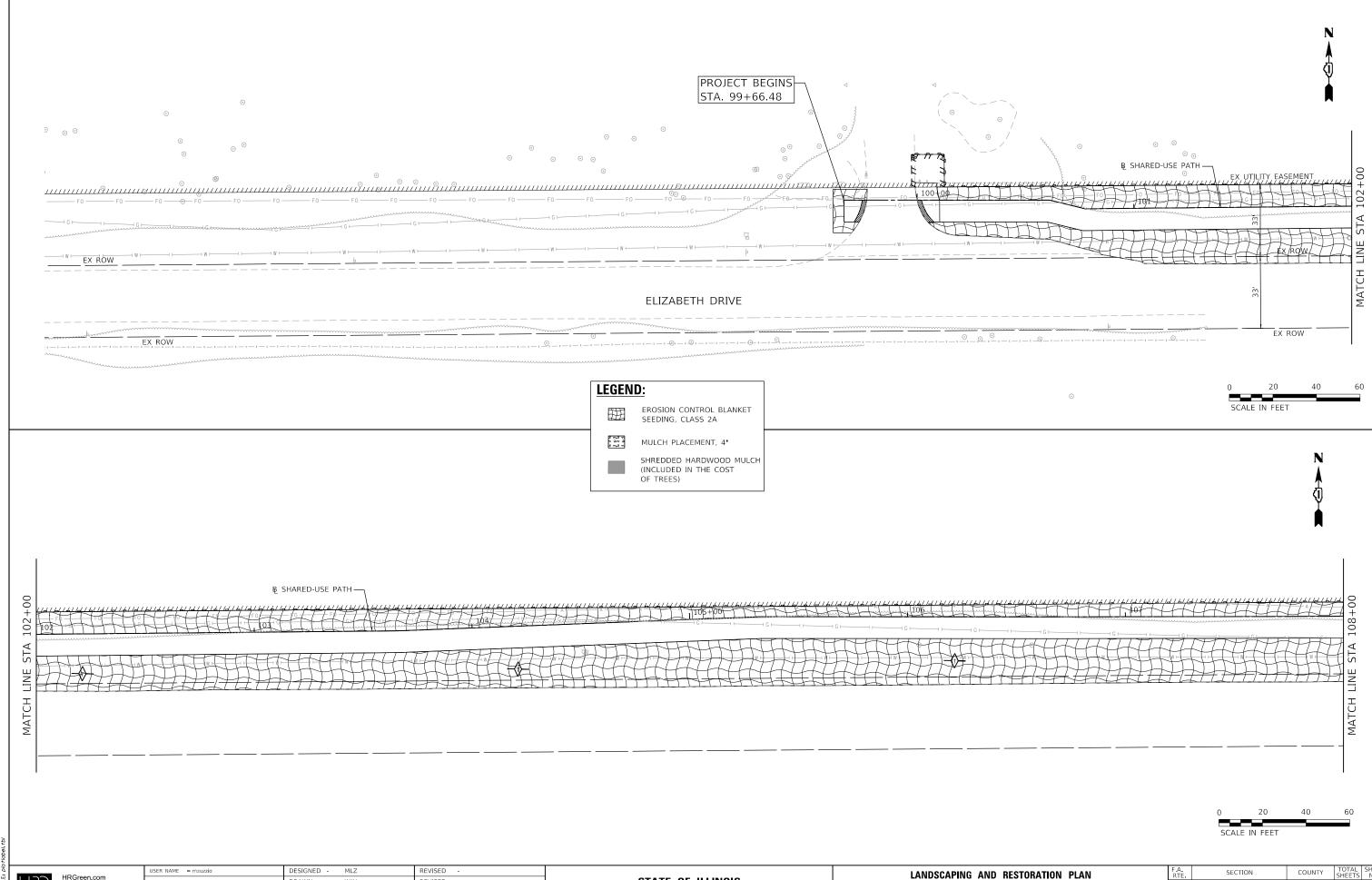
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DEPARTMENT OF TRANSPORTATION

ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH SHEET 2 OF 2 SHEETS STA.

CONTRACT NO. 61K77

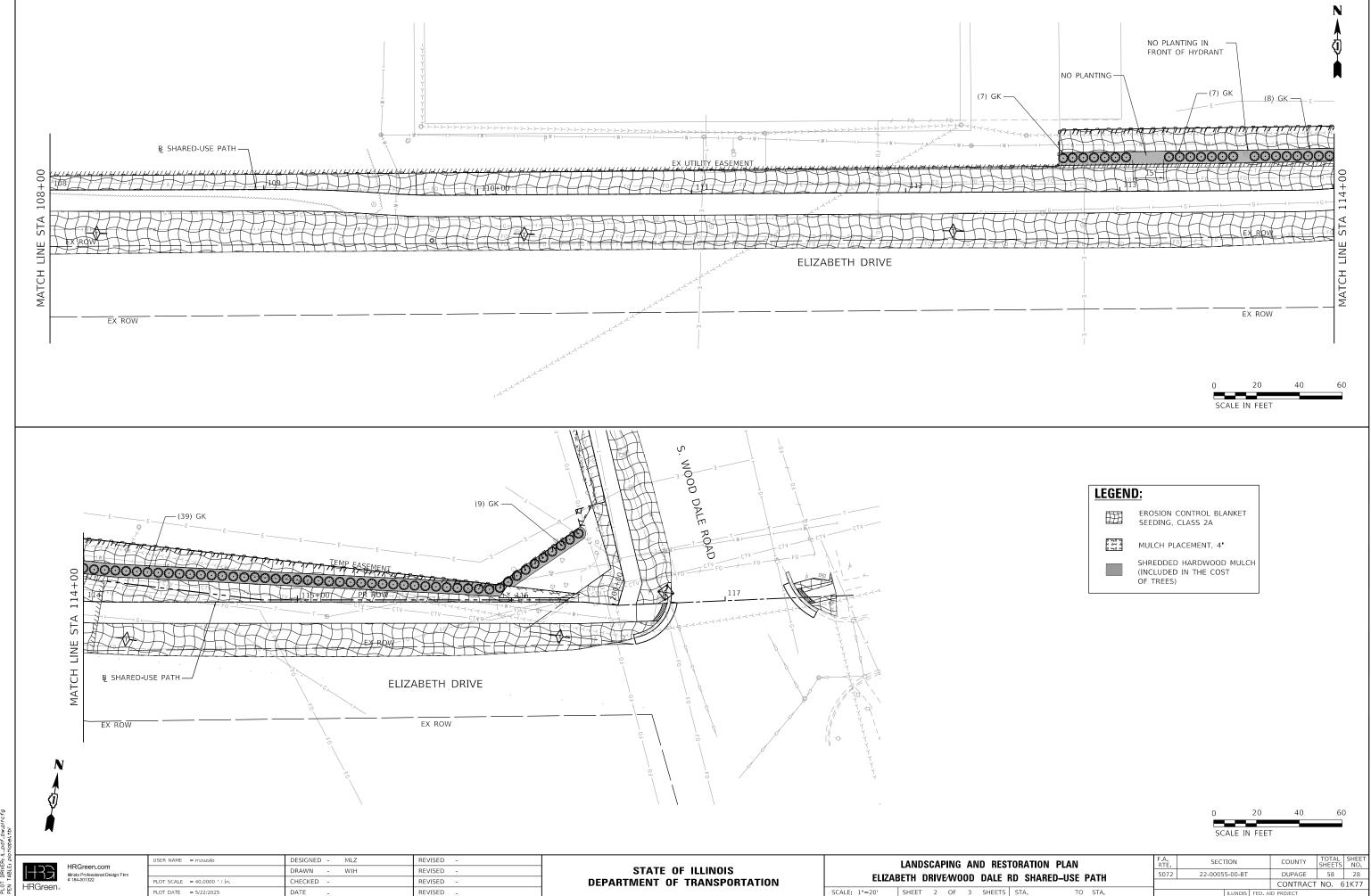


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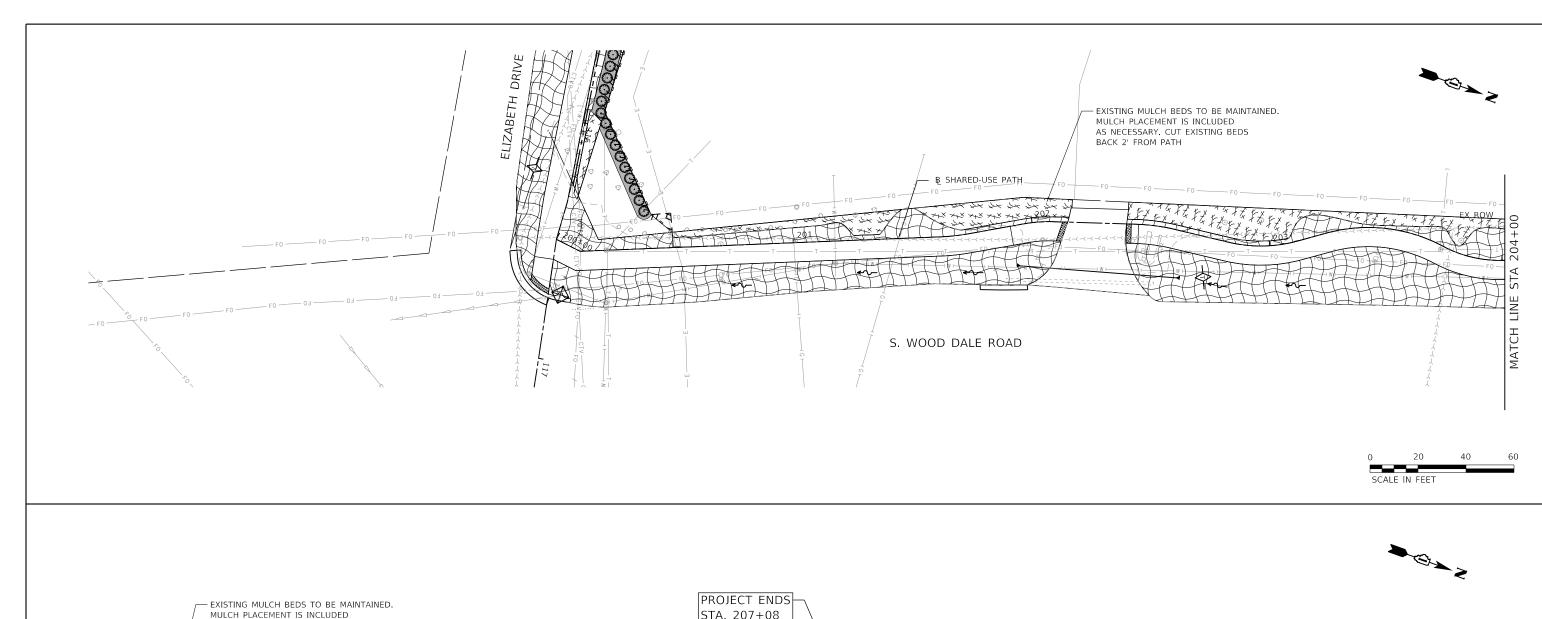
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PLOT DATE = 5/22/2025	DATE -	REVISED -

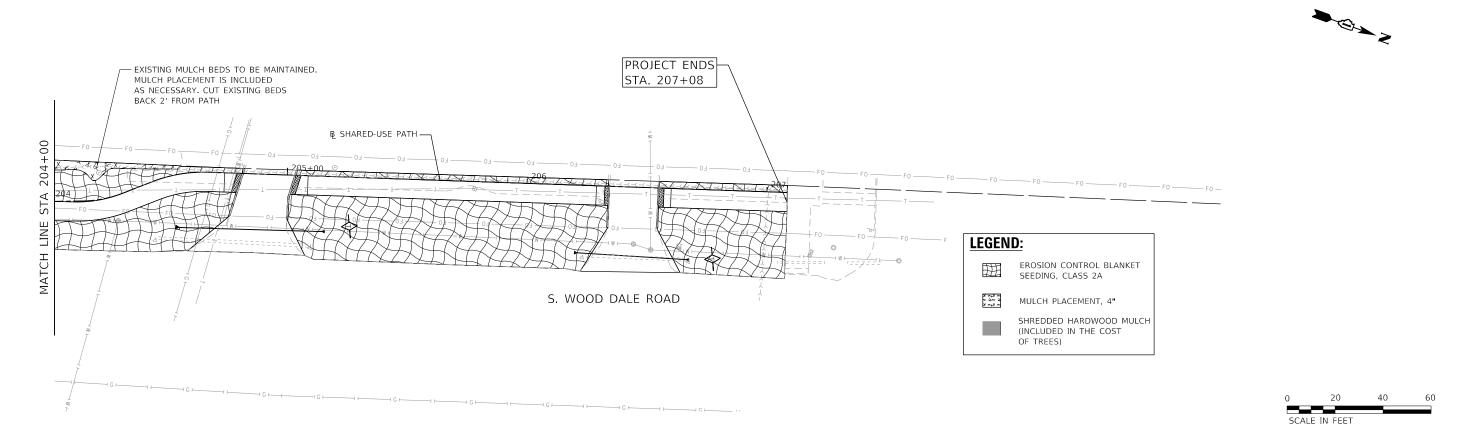
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

LANDSCAPING AND RESTORATION PLAN								
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH								
SCALE: 1"=20'	SHEET	2	OF	3	SHEETS	STA.	TO STA.	



HRG PROJECT NOs. 2302193
HRG PROJ. CONTAČT;
FILE NAME: 2302193. SNT-Elf2_Indscp-02.dgg
PLOT DRNURB: IL.Ddf. Dw.DITCfg
PEN TABLE: plottabel.tbl





HRG PROJECT NOJ. 230293 HRG PROJ. CONTACT: FILE NAME: 230293. Sh. Broad Indscp-0/Ldgn PLOT DRIVER IL. DAT. Dw.pitcfg PEN TABLE: portobol.Tb/

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DEPARTMENT OF TRANSPORTATION

LANDSCAPING AND RESTORATION PLAN									
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH									
SCALE: 1"=20'	SHEET	3	OF	3	SHEETS	STA.	TO STA.		

PLANT SCHEDULE

SYMBOL CODE QTY BOTANICAL/COMMON NAME SPACING

EVERGREEN TREES



GK 70 EVERGREEN, THUJA OCCIDENTALIS (AMERICAN ARBORVITAE), 5' HEIGHT, BALLED AND BURLAPPED

5'

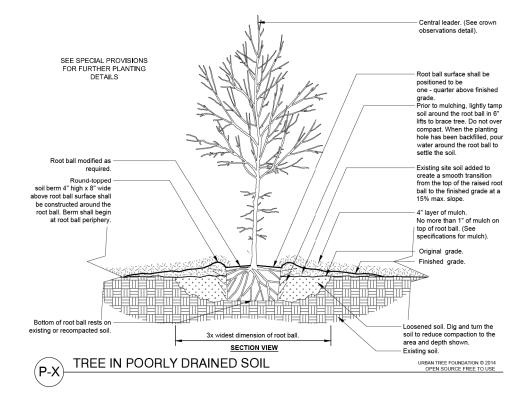
SHREDDED HARWOOD MULCH (INCLUDED IN THE COST OF TREES) 300 SQ YD

MULCH PLACEMENT, 4" (FOR USE IN EXISTING BEDS THAT REMAIN)

263 SQ YD

LANDSCAPING NOTES

- 1. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- 2. EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.
- 3. PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT SINCE PHOSPHORUS WOULD ADVERSELY AFFECT THE CONDITIONS OF THE NEARBY WETLANDS AND PONDS. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).
- 4. THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171, AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT APPROVAL OF THE TREES AND SHRUBS.



TREE DETAIL SCALE: NTS

PROJECT NO., 2302/93
PROJ. CONTACT:
NAME: 2302/93. Sht_Eliz_Ind
DRIVER: IL_pdf_bw_pltcfg
TABLE: plot/abel.tbl

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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/22/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20"

									F.A. RTE	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.	
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH						5072	22-00055-00-BT			DUPAGE	58	30				
LLIZAL	ELIZABETH DRIVEWOOD DALE NO SHARED-USE FATH										CONTRACT	NO. 6	1K77			
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TRAFFIC SIGNAL LEGEND

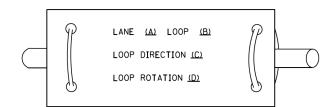
(NOT TO SCALE)

				<u>''</u>	NOT TO SCALL)				
ITEM	EXISTING	PROPOSED	<u>ITEM</u>		EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET	\boxtimes		HANDHOLE -SQUARE				SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	RR	R R
COMMUNICATION CABINET	ECC	СС	-ROUND	11015			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Y G G G 4Y 4Y 4G
MASTER CONTROLLER	EMC	MC	HEAVY DUTY HANDF -SQUARE -ROUND	HOLE	H (H)	H H			4 G 4 G
MASTER MASTER CONTROLLER	ЕММС	ммс	DOUBLE HANDHOLE	:			CICNAL LIFAD WITH PACKELATE		
UNINTERRUPTABLE POWER SUPPLY	3	7	JUNCTION BOX			•	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		R R Y Y
SERVICE INSTALLATION	^P	- ■ -P	RAILROAD CANTILEV	VER MAST ARM	X OX X	X eX X			Y G G G G G G G G G G G G G G G G G G G
-(P) POLE MOUNTED SERVICE INSTALLATION			RAILROAD FLASHING	G SIGNAL	∑⊙ ∑	X•X		P RB	P RB
-(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	$\boxtimes^{G}\boxtimes^{GM}$	⊠ ^G ⊠ ^{GM}	RAILROAD CROSSING	G GATE	X0X >	XOX	PEDESTRIAN SIGNAL HEAD		₽
TELEPHONE CONNECTION	ET	Т	RAILROAD CROSSBU	JCK	ĭ	*	AT RAILROAD INTERSECTIONS	♥	*
STEEL MAST ARM ASSEMBLY AND POLE	<u> </u>		RAILROAD CONTROL	LLER CABINET		⋗⋖	PEDESTRIAN SIGNAL HEAD	(P) c	₽ C ★ D
ALUMINUM MAST ARM ASSEMBLY AND POLE	-	•	UNDERGROUND COM	NDUIT (UC),			WITH COUNTDOWN TIMER	C A D	★ □
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	○	•*	GALVANIZED STEEL TEMPORARY SPAN W TETHER WIRE, AND				ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY	0	● • BM	SYSTEM ITEM		S	SP	NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE.		
WOOD POLE	\otimes	•	INTERSECTION ITEM	l	I	IP	ALL DETECTOR LOOP CABLE TO BE SHIELDED GROUND CABLE IN CONDUIT,		
GUY WIRE	>	>	REMOVE ITEM			R	NO. 6 SOLID COPPER (GREEN)	1#6	
SIGNAL HEAD	>	-	RELOCATE ITEM			RL A	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
SIGNAL HEAD WITH BACKPLATE	+>	+-	ABANDON ITEM CONTROLLER CABIN	IFT AND			COAXIAL CABLE	<u> </u>	
SIGNAL HEAD OPTICALLY PROGRAMMED	> ^P +-> ^P	→ P + P	FOUNDATION TO BE			RCF			_
FLASHER INSTALLATION	op FS	F FS FS	MAST ARM POLE AN FOUNDATION TO BE			RMF	VENDOR CABLE		
-(FS) SOLAR POWERED	op⊳ pp≥ pp	₽ ► FS	SIGNAL POST AND FOUNDATION TO BE	E REMOVED		RPF	COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	(6#18)
PEDESTRIAN SIGNAL HEAD	-0	-1	DETECTOR LOOP, TY	YPE I			FIBER OPTIC CABLE -NO. 62.5/125, MM12F		12F
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	⊚		PREFORMED DETECT	TOR LOOP	РР	РР	-NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
RADAR DETECTION SENSOR	R	R	SAMPLING (SYSTEM)) DETECTOR	5 (5)	s s			—(36F)—
VIDEO DETECTION CAMERA	V 1	V	INTERSECTION AND (SYSTEM) DETECTOR		IS (IS)	IS (IS)		, –	
RADAR/VIDEO DETECTION ZONE			QUEUE AND SAMPLI	ING	QS QS	QS QS	GROUND ROD -(C) CONTROLLER	<u></u> C <u></u> M <u></u> P <u></u> S	$\stackrel{\stackrel{.}{=}^{C}}{\stackrel{\bot}{+}}^{C} \stackrel{\stackrel{.}{=}^{M}}{\stackrel{\bot}{+}}^{P} \stackrel{\stackrel{.}{=}^{S}}{\stackrel{\bot}{+}}^{S}$
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ[]	PTZ◀	(SYSTEM) DETECTOR		(M)	©	-(M) MAST ARM -(P) POST -(S) SERVICE		
EMERGENCY VEHICLE LIGHT DETECTOR	\bowtie	~	WIRELESS ACCESS F			_			
CONFIMATION BEACON	○ —(]	•4	Time East Access 1			_			
WIRELESS INTERCONNECT	○ + 	•· ·							
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR							
USER NAME = footemj	DESIGNED -			TAT9	E OF ILLINOIS		DISTRICT ONE	F.A.U. SECTIO	SHLETS IN
PLOT SCALE = 50.0000 ' /	in. CHECKED -) -		OF TRANSPORTATION		ANDARD TRAFFIC SIGNAL DESIGN DETAILS SHEET 1 OF 7 SHEETS STA. TO STA.	5072 22-00055- TS-05	DUPAGE 58 3 CONTRACT NO. 61K

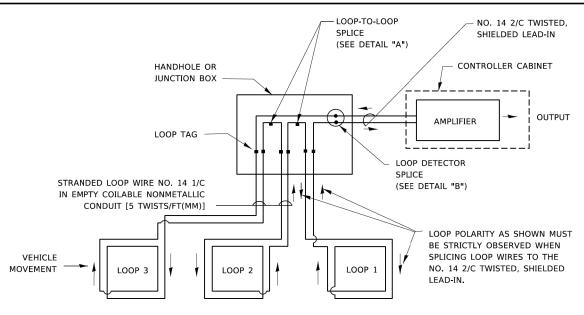
LOOP DETECTOR NOTES

- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- 3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- 4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- 5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- 7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

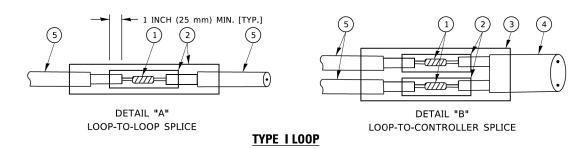


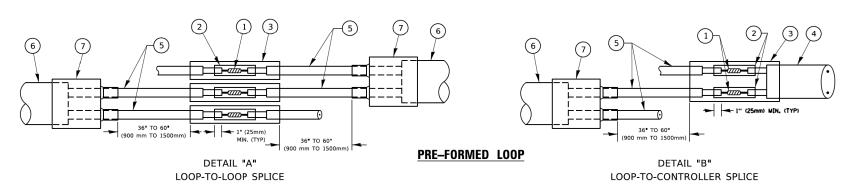
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETECTOR LOOP WIRING SCHEMATIC

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





LOOP DETECTOR SPLICE

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

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

COUNTY

DUPAGE 58 32

CONTRACT NO. 61K77

 USER NAME
 = footemj
 DESIGNED
 REVISED

 DRAWN
 REVISED

 PLOT SCALE
 = 50.0000 ' / in.
 CHECKED
 REVISED

 PLOT DATE
 = 3/4/2019
 DATE
 REVISED

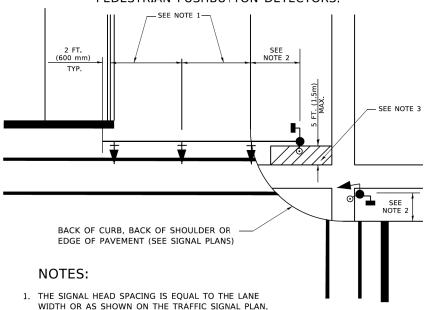
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

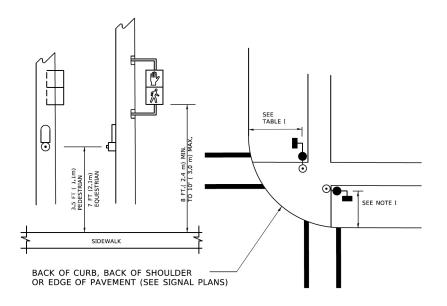
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND

PEDESTRIAN PUSHBUTTON DETECTORS.



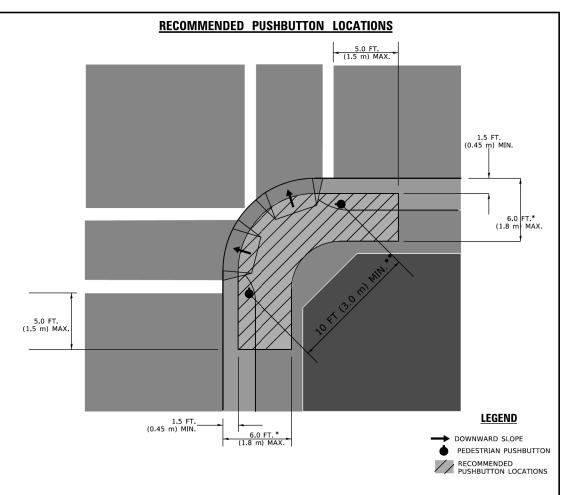
- 2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
- 3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK. ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
- 4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO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

PEDESTRIAN SIGNAL POST PEDESTRIAN PUSH BUTTON POST



NOTES:

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



- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB. SHOULDER, OR PAVEMENT. IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

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

NOTES:

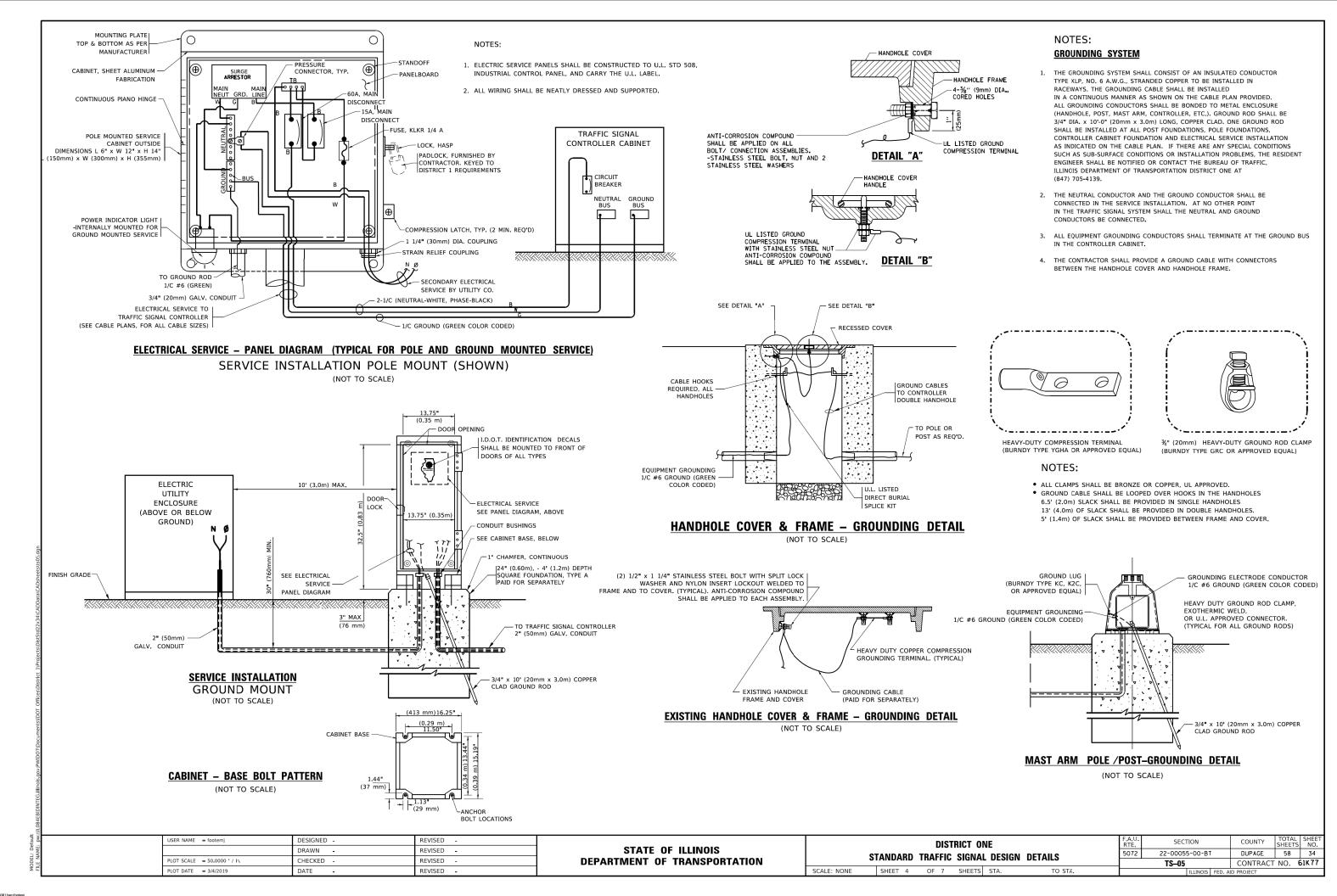
- 1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
- 2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
-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

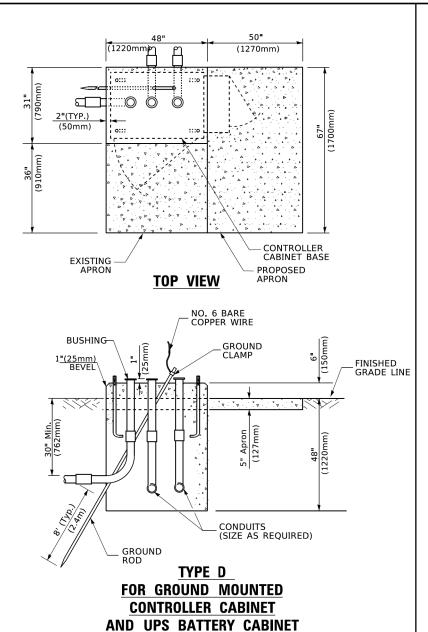
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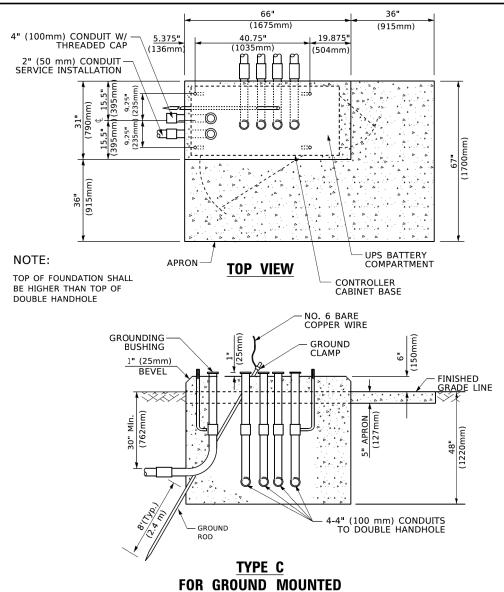
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PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SECTION COUNTY DISTRICT ONE 5072 22-00055-00-BT DUPAGE 58 33 STANDARD TRAFFIC SIGNAL DESIGN DETAILS CONTRACT NO. 61K77 TS-05 SHEET 3 OF 7 SHEETS STA

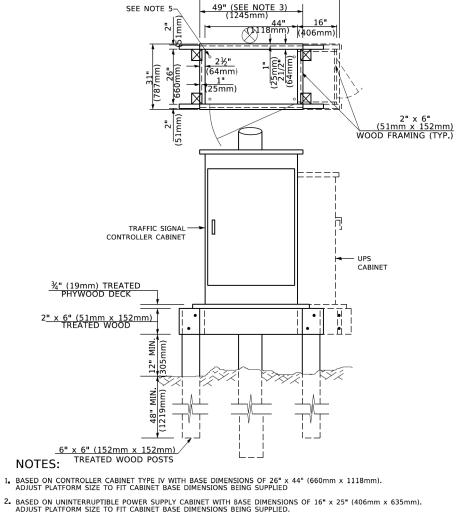






SUPER P (TYPE IV) AND SUPER R (TYPE V)

CONTROLLER CABINETS



65" (SEE NOTE 4) (1651mm)

SEE NOTE 5-

- $\ensuremath{\mathfrak{Z}_{\bullet}}$ PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
- 4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
- 5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS,
- 6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

TEMPORARY SIGNAL CONTROLLER **WOOD SUPPORT PLATFORM**

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

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

VERTICAL CABLE LENGTH

CABLE SLACK

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

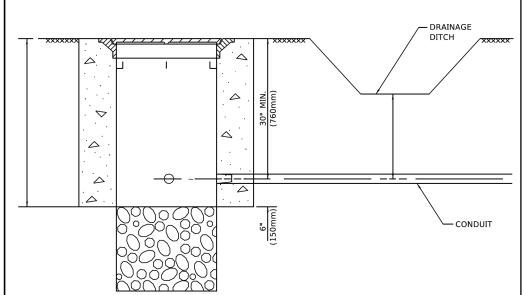
DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30′ (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to	13'-6" (4 ₄ 1 m)	30" (750mm)	24" (600mm)	8	6(19)
30' (9.1 m) and less than 40' (12.2 m)	11'-0'' (3 . 4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36'' (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42'' (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0'' (7 . 6 m)	42" (1060mm)	36" (900mm)	16	8(25)

- 1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Ou) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & structures should be contacted for a revised design if other conditions are encountered.
- 2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
- 3. Combination mast arm assemblies under 56 feet (16,8 m) through 75 feet (22,9 m) shall use 42" (1060 mm) diameter foundations
- 4. For most arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

UCED NAME (DECICNED	REVISED			FAIL			TOTAL SE	HEET
USER NAME = footemj	DESIGNED -	REVISED -		DISTRICT ONE	RTF	SECTION	COUNTY	SHEETS 1	NO.
	DRAWN -	REVISED -	STATE OF ILLINOIS		5072	22-00055-00-BT	DUPAGE	58 3	35
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	STANDARD TRAFFIC SIGNAL DESIGN DETAILS	100.2	TS-05	CONTRAC	T NO. 61K	77
PLOT DATE = 3/4/2019	DATE -	REVISED -		SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT		\neg



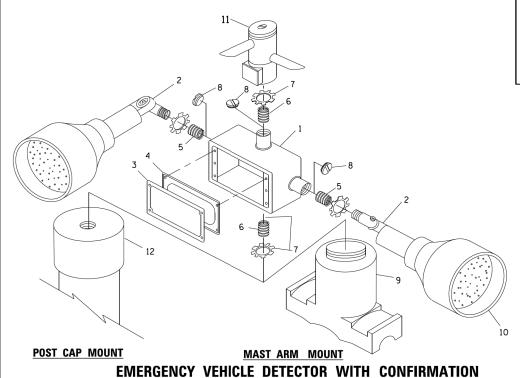
NOTES:

- 1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
- 2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
- 3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

USER NAME = footem

PLOT SCALE = 50.0000 / in.

HANDHOLE WITH MINIMUM CONDUIT DEPTH (NOT TO SCALE)



BEACON MOUNTING DETAIL

DESIGNED -

CHECKED

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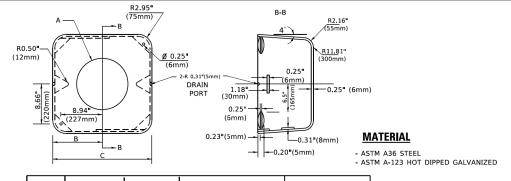
REVISED

(915mm) 40.75" (1035mm) CONTROLLER CABINET BASE PROPOSED-**TOP VIEW** APRON -NO. 3 DOWEL 18" (450mm NO. 6 BARE COPPER WIRE LONG (8 REQ.) **BUSHING-**GROUND CLAMP EXISTING-ANCHOR BOLTS **FINISHED** GRADE LINE BEVEL (225mm) -EXISTING CONDUITS EXISTING GROUND ROD MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)

ITEM	NO. IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

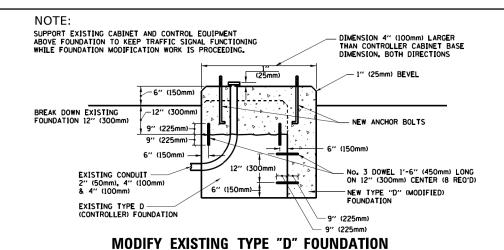
- 1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR
- 2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
- 3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.

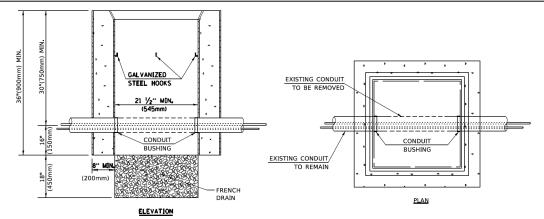


Α	В	С	HEIGHT	WEIGHT
VARIES	RIES 9.5"(241mm) 19"(483mm)		7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75 " (273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

SHROUD

- . DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
- 2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
- 3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.





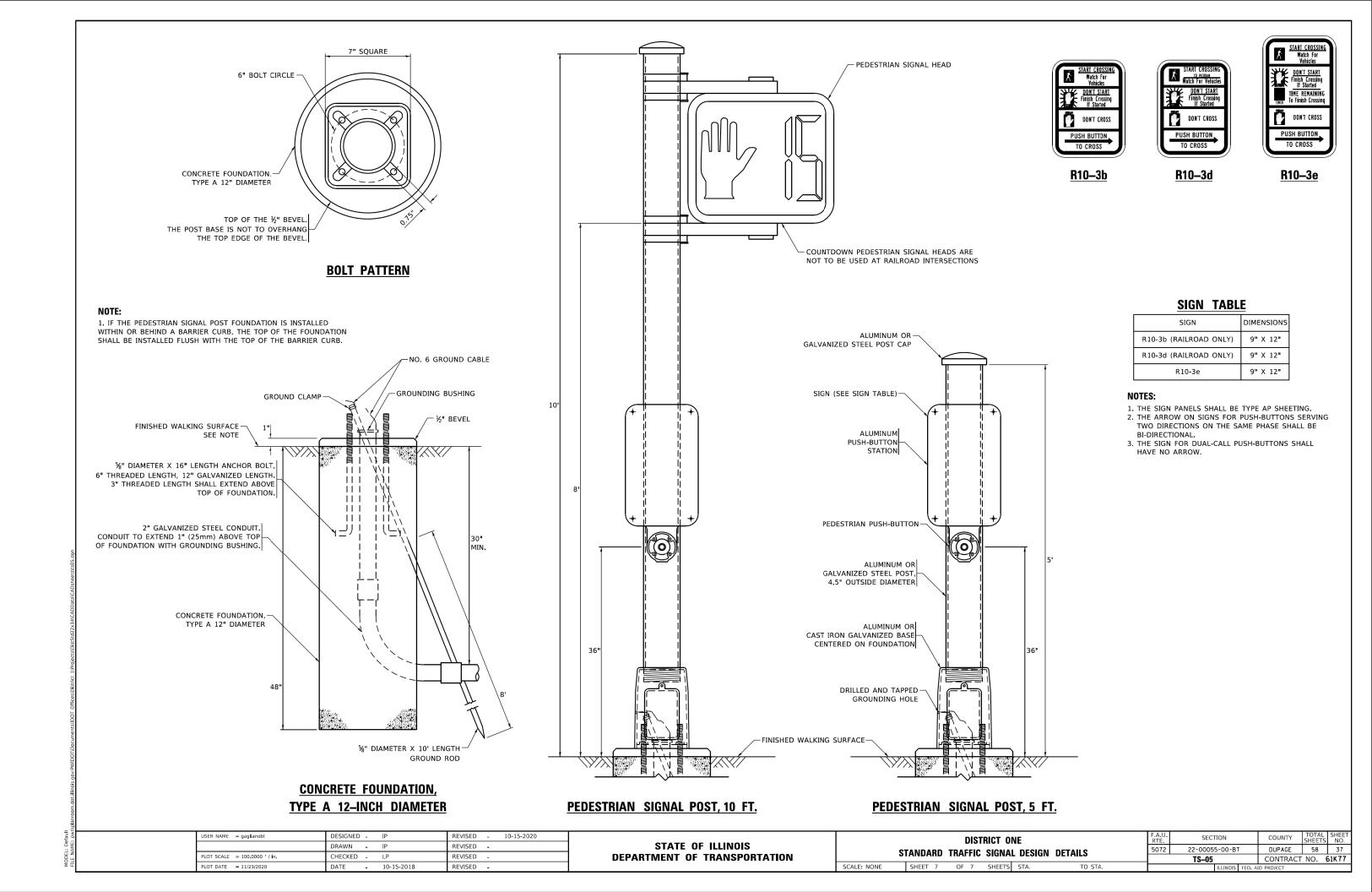
- 1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
- 2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

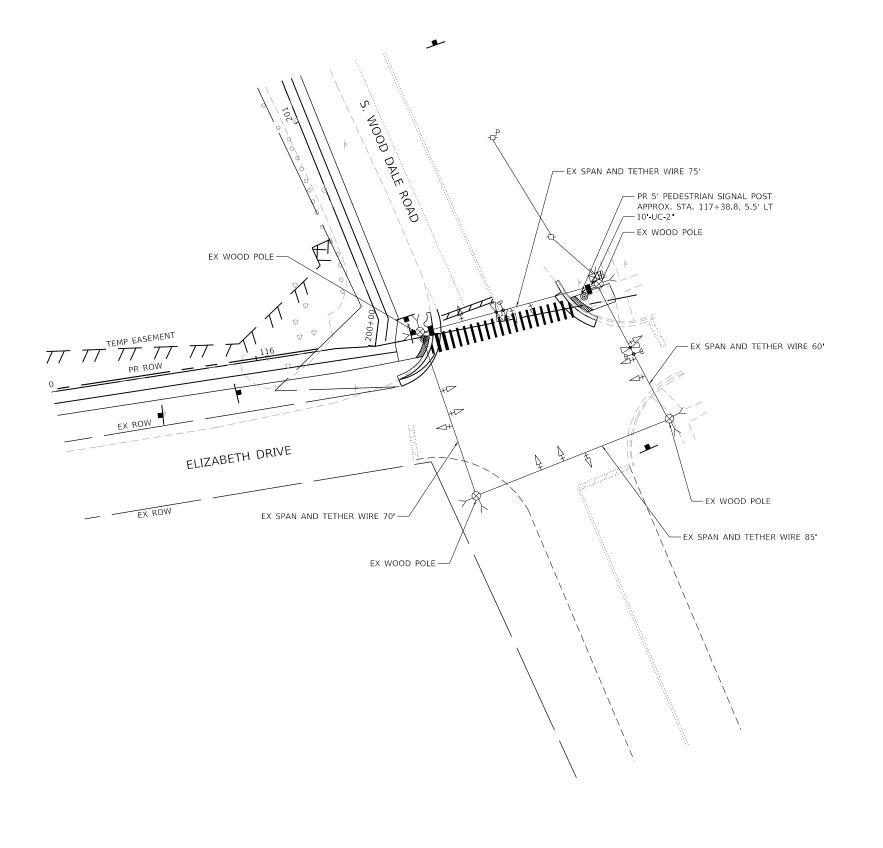
HANDHOLE TO INTERCEPT EXISTING CONDUIT

COUNTY DISTRICT ONE COUNTY SHEETS NO.

DUPAGE 58 36 22-00055-00-BT STANDARD TRAFFIC SIGNAL DESIGN DETAILS TS-05 CONTRACT NO. 61K77 SHEET 6 OF 7 SHEETS STA.

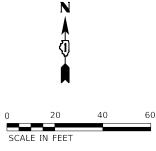
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**





NOTE

- 1. ADD PEDESTRIAN PUSH BUTTONS AND PEDESTRIAN SIGNAL HEADS TO EXISTING WOOD POLES AS SHOWN.
- 2. MAINTAIN EXISTING TRAFFIC SIGNAL EQUIPMENT AND MAINTAIN OPERATION OF EXISTING SIGNAL DURING CONSTRUCTION.
- 3. ALL PEDESTRIAN SIGNALS SHALL BE APS.
- 4. GENERAL CONTRACTOR SHALL HIRE AN IDOT PRE -QUALIFIED ELECTRICAL CONTRACTOR TO INSTALL THE PEDESTRIAN SIGNALS. CONTACT MS. MARYANNE SIOSON, DUPAGE COUNTY'S PROJECT ENGINEER AT (630) 407-6908 (48 HOURS IN ADVANCE) TO SCHEDULE THE MAINTENANCE TRANSFER OF THE TRAFFIC SIGNAL EQUIPMENT AT THE INTERSECTION OF WOOD DALE RD AT ELIZABETH DR.
- 5. CATALOG CUTS SHALL BE SUBMITTED TO DUPAGE COUNTY PRIOR TO BEING SUBMITTED FOR LOCAL ROADS REVIEW. TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE ORDERED UNITL AFTER THE LOCAL ROADS REVIEW.
- 6. THE GENERAL CONTRACTOR SHALL SUBMIT THE ACCESSIBLE PEDESTRIAN SIGNAL WORK SHEET WITH THE TRAFFIC SIGNAL CATALOG CUTS TO DUPAGE COUNTY DIVISION OF TRANSPORTATION FOR THEIR REVIEW AND APPROVAL.



9 PROJECT NO.: 2302/93 9 PROJ. CONTACT: E NAME: 2302/93. Sht. s/g-0/ 01 DRIVER: /L.pdf.bw.pitef 1 TABLE: p/ot/doe/.tb/

HRGreen.

HRGreen.com Illinois Professional Design Firm # 184-001322

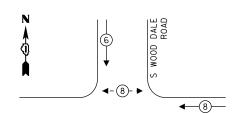
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PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -	
PLOT DATE = 5/22/2025	DATE -	REVISED -	

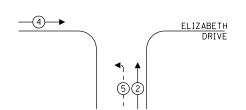
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	TRAFF	C S	SIGN	IAL	MODERI	NIZATION	PLAN	
	ELIZAB	ETH	DR	IVE	AT WO	OD DALE	ROAD	
SCALE: 1"=20'	SHEET	1	OF	2	SHEETS	STA.	ТО	STA.

F.A. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.
5072	22-00055-00-BT		DUPAGE	58	38
			CONTRACT	NO. 6	1K77
	ILLINOIS FED	. AI	D PROJECT		

PROPOSED CONTROLLER SEQUENCE





PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

4—(4)—

LEGEND:

★PROTECTED PHASE

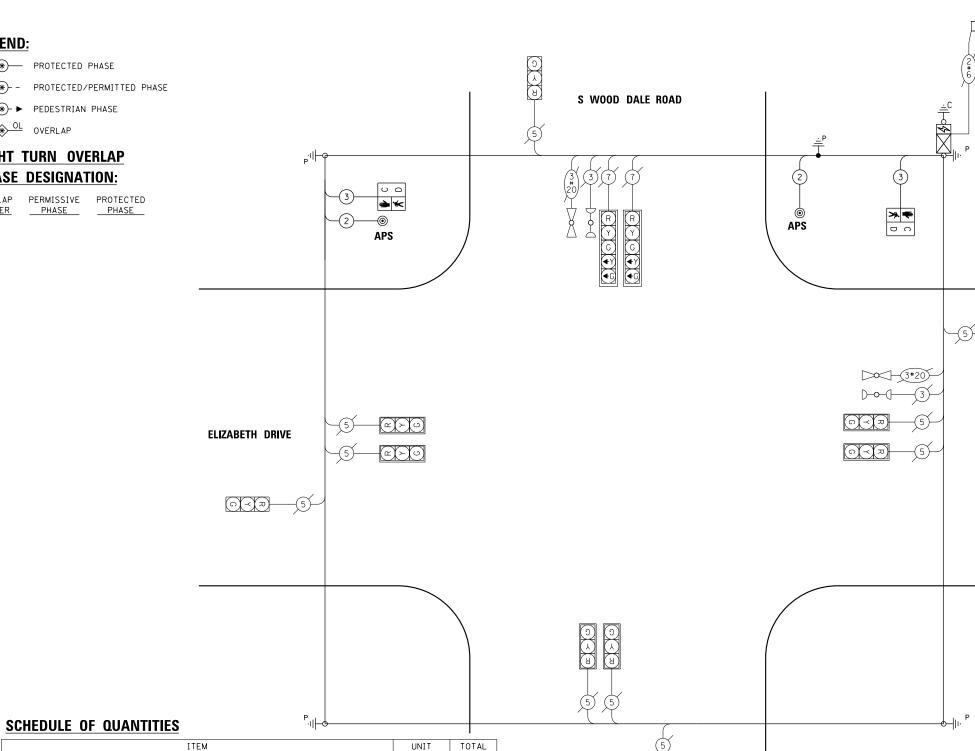
← -(*)- - PROTECTED/PERMITTED PHASE

√- (*)- ► PEDESTRIAN PHASE

◆ OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP PERMISSIVE PROTECTED LETTER PHASE __PHASE__



TRAFFIC SIGNAL **ELECTRICAL SERVICE REQUIREMENTS**

	NO. OF	LED	7.	TOTAL
TYPE	LAMPS	WATTAGE	OPERATION	WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	2	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	150	50	-
			TOTAL =	311.8

ENERGY COSTS TO:

CITY OF WOOD DALE 404 N. WOOD DALE ROAD WOOD DALE, IL 60191

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPARTMENT

PHONE: (866) 639-3532

COMPANY: COMED

ACCOUNT NUMBER: ---

HRGreen.com

USER NAME = mzuzzio	DESIGNED - TAY	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/22/2025	DATE -	REVISED -

MODIFY EXISTING CONTROLLER

PEDESTRIAN SIGNAL POST, 5 FT.

ACCESSIBLE PEDESTRIAN SIGNALS

MODIFY EXISTING CONTROLLER CABINET

UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.

ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C

CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER

MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION

ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 2C

ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C

ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C

PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

UNIT

10

35

35

140

135

2

FOOT

FACH

FOOT

FOOT

FOOT

EACH

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FOOT

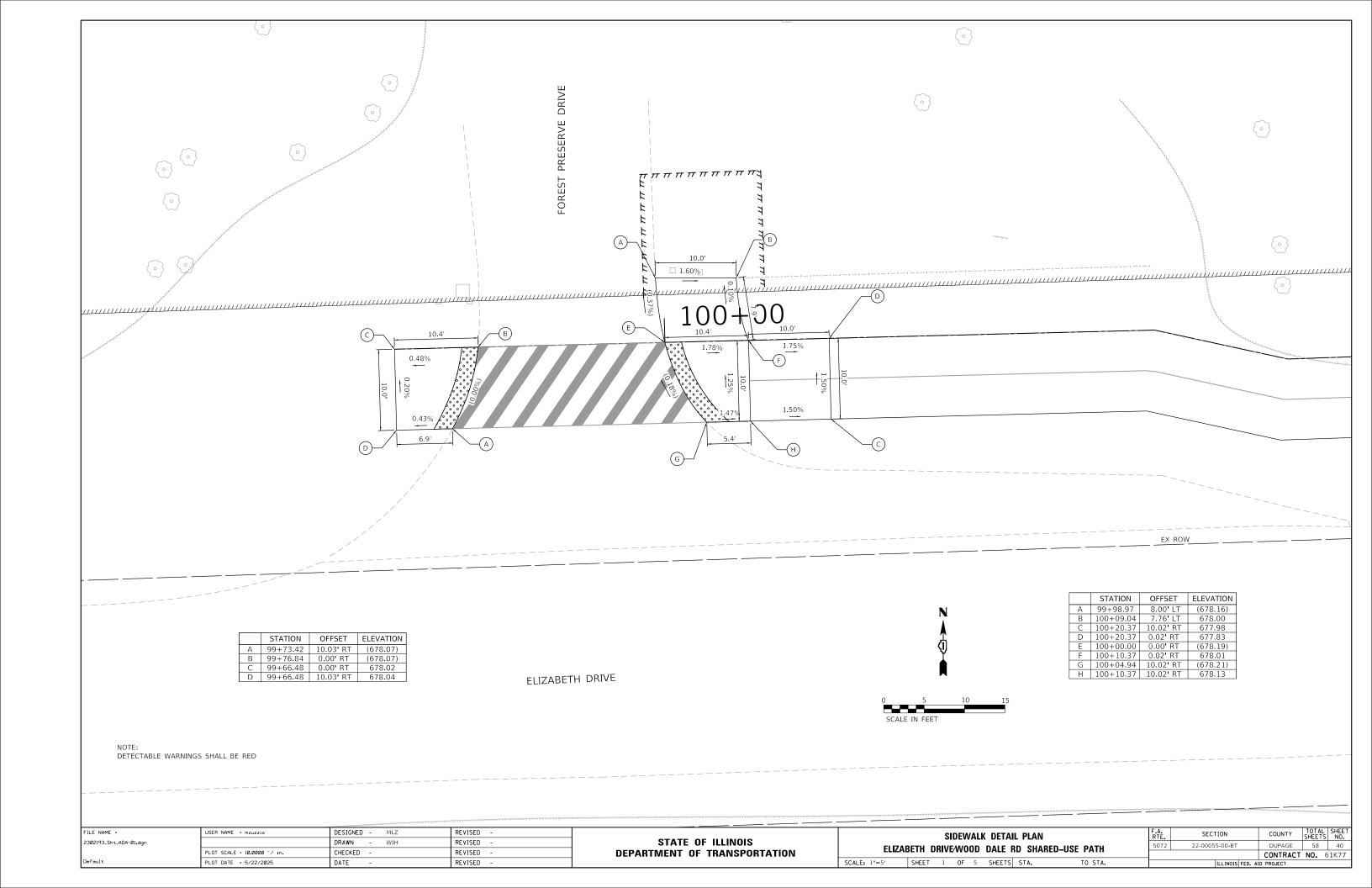
SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE ELIZABETH DRIVE AT WOOD DALE ROAD SHEET 2 OF 2 SHEETS STA.

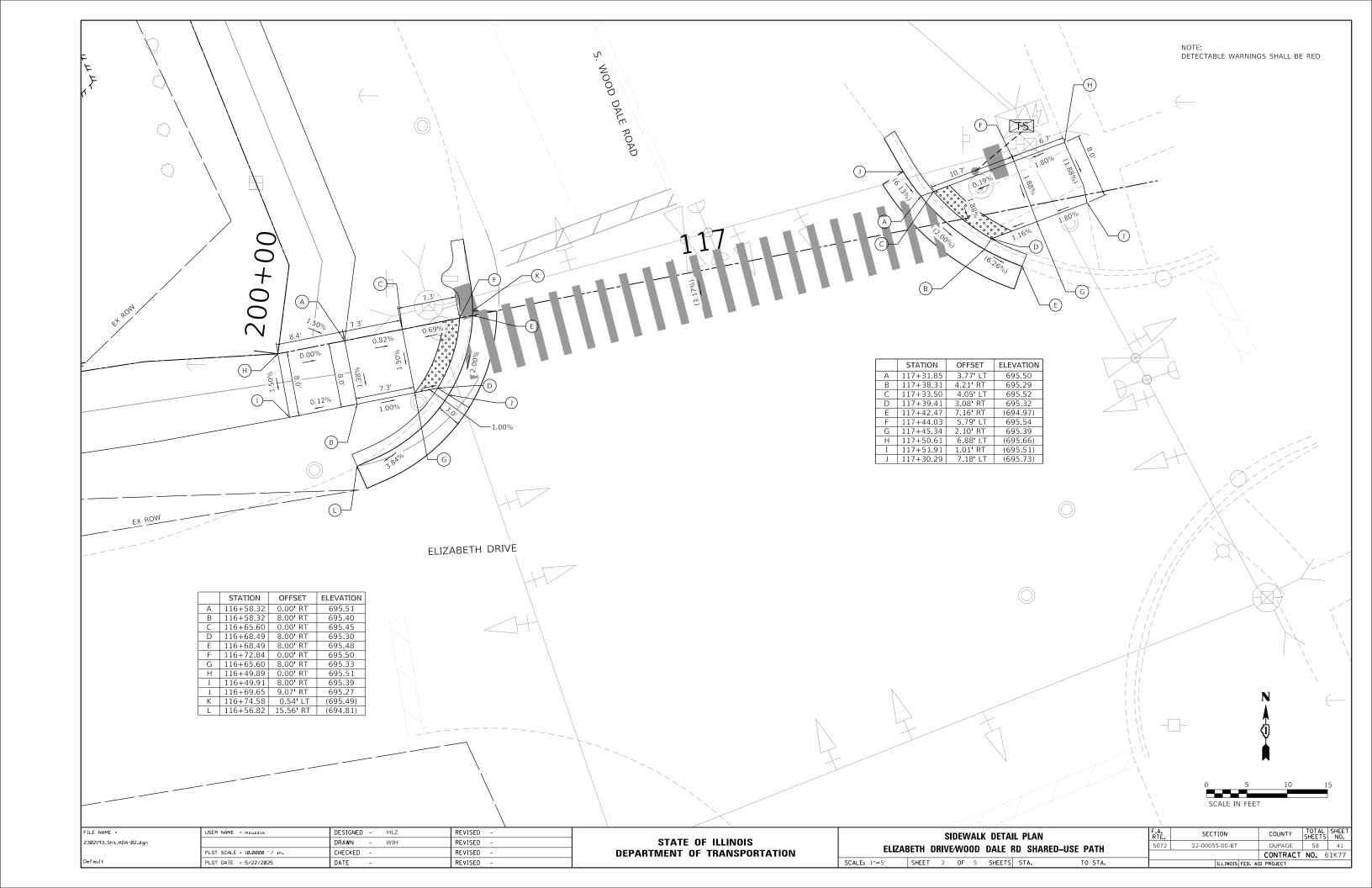
SECTION COUNTY 22-00055-00-BT DUPAGE 58 39 CONTRACT NO. 61K77

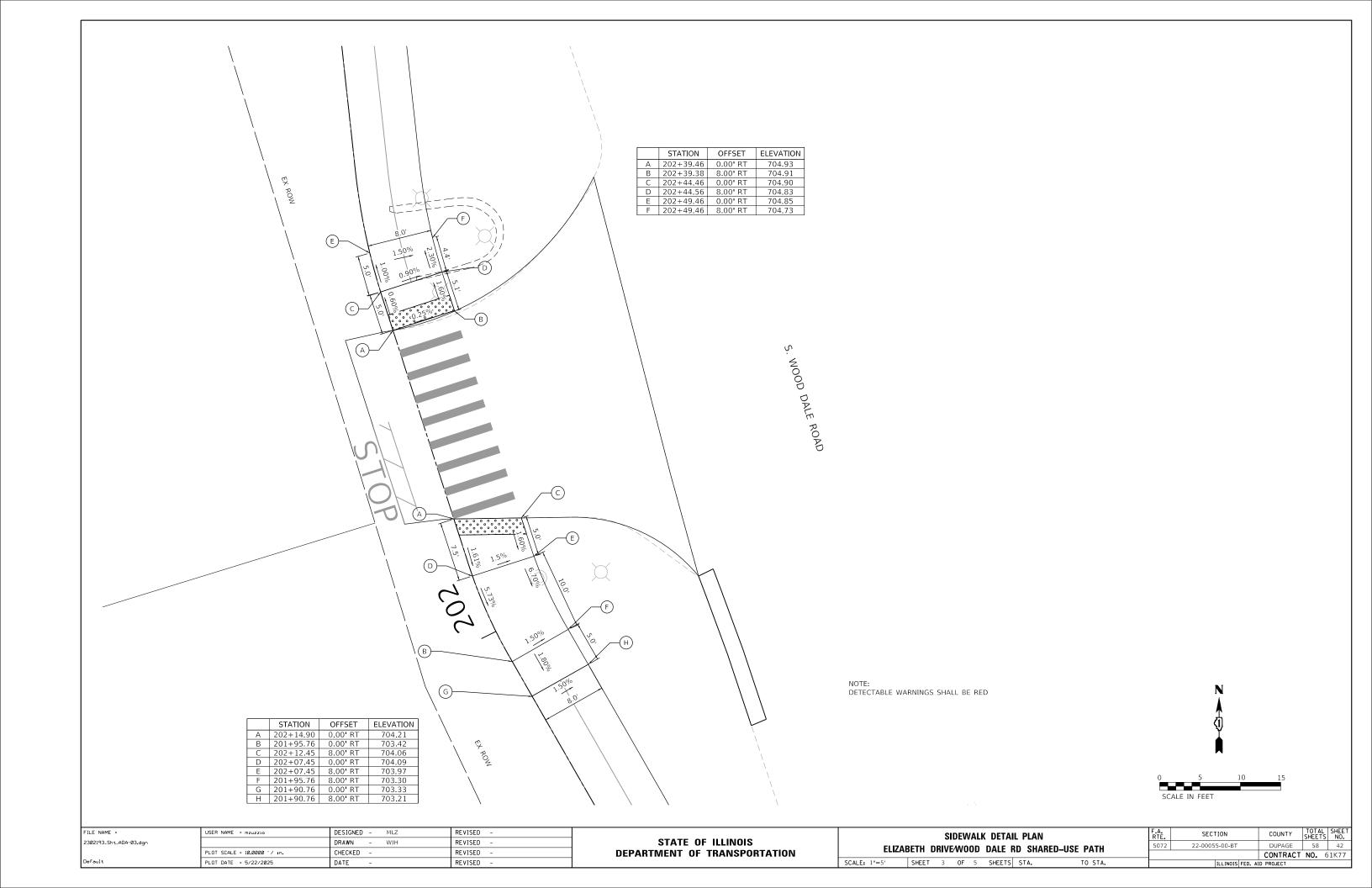
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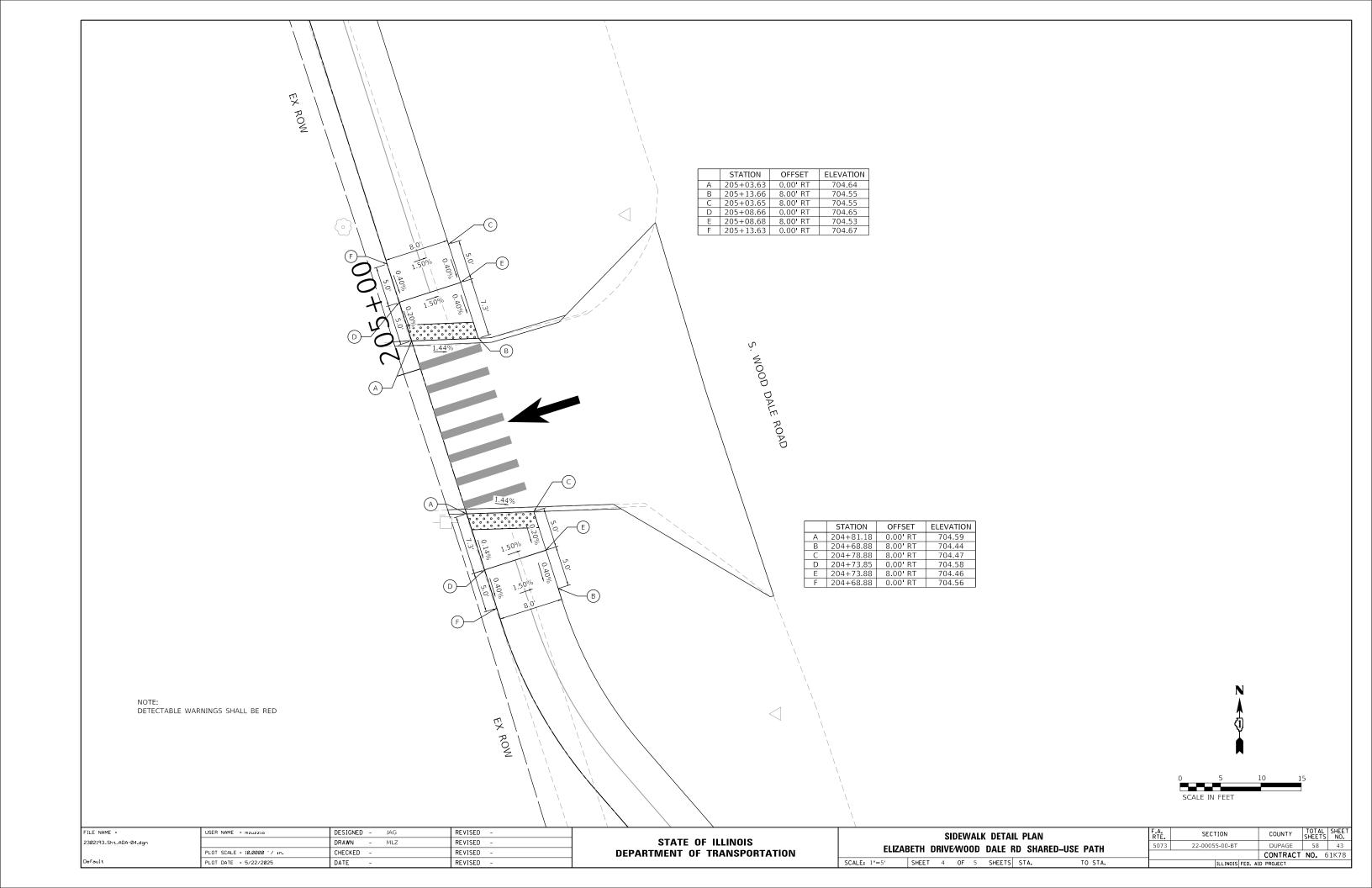
CT:	IAME: 2302193_Sht_sig-02.dgn	DRIVER: IL_pdf_bw.pitcfg	ABLE: plotlabel.tbl	
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ROJ. CONTACT:	IAME: 2	DRIVER	ABLE:	l

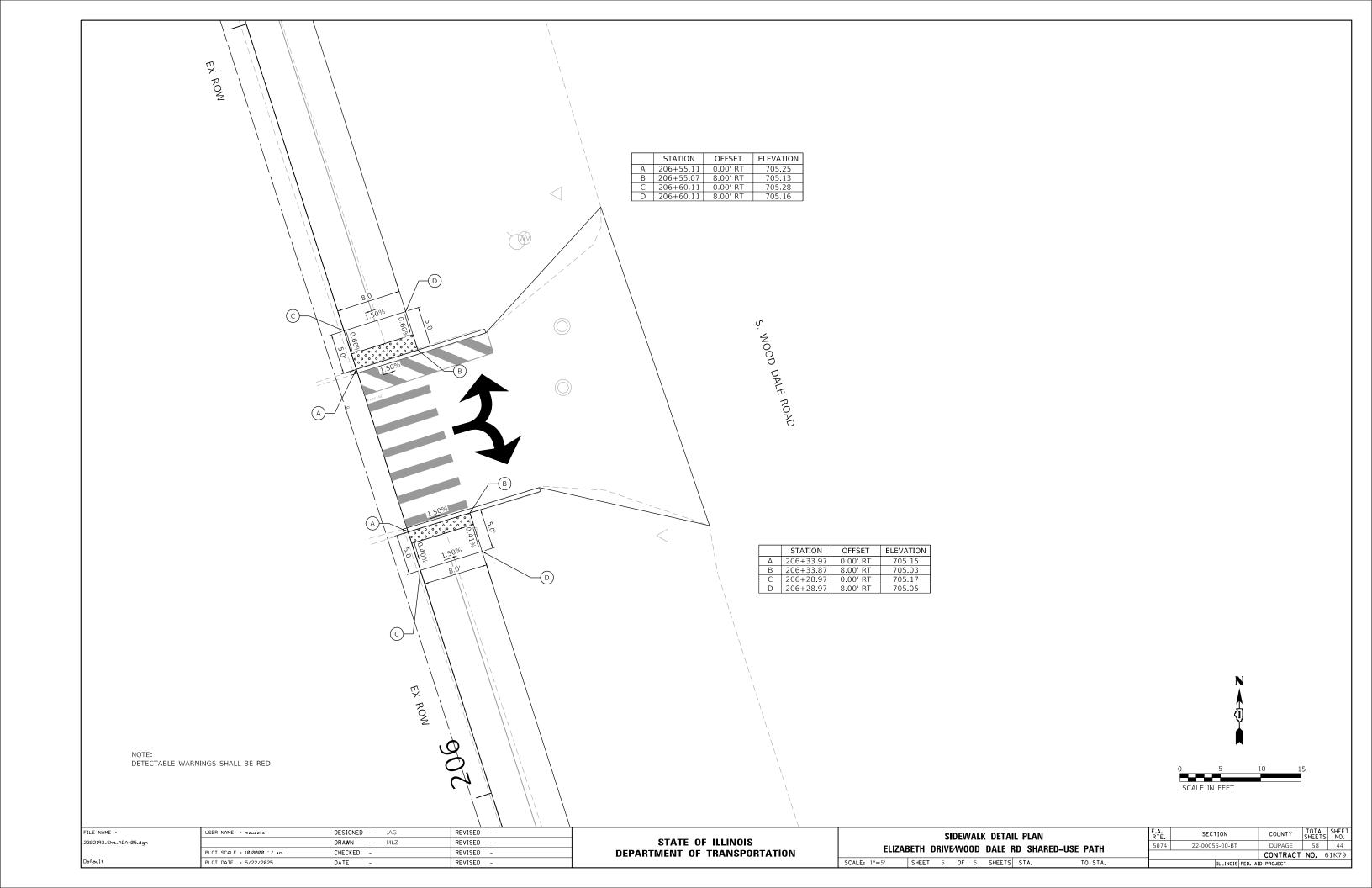
HRG PROJECT NO., 2302/93 HRC PROJ., CONTACT: FILE NAME, 2302/93, Sh7, sig-02,dgn PLOT DRNURB, L., pdf., bw, pltcfg PEN TABLE: plot/dobel,tbl	404 N. WO WOOD DALE ENERGY SL
HRG PROJECT NO.: 2302/93 HRG PROJ. CONTACT: FILE NAME: 2302/93. Snt.si PLOT DRIVER: IL.pdf.bw.pi PEN TABLE: plotiobel.tbl	HRGreen.

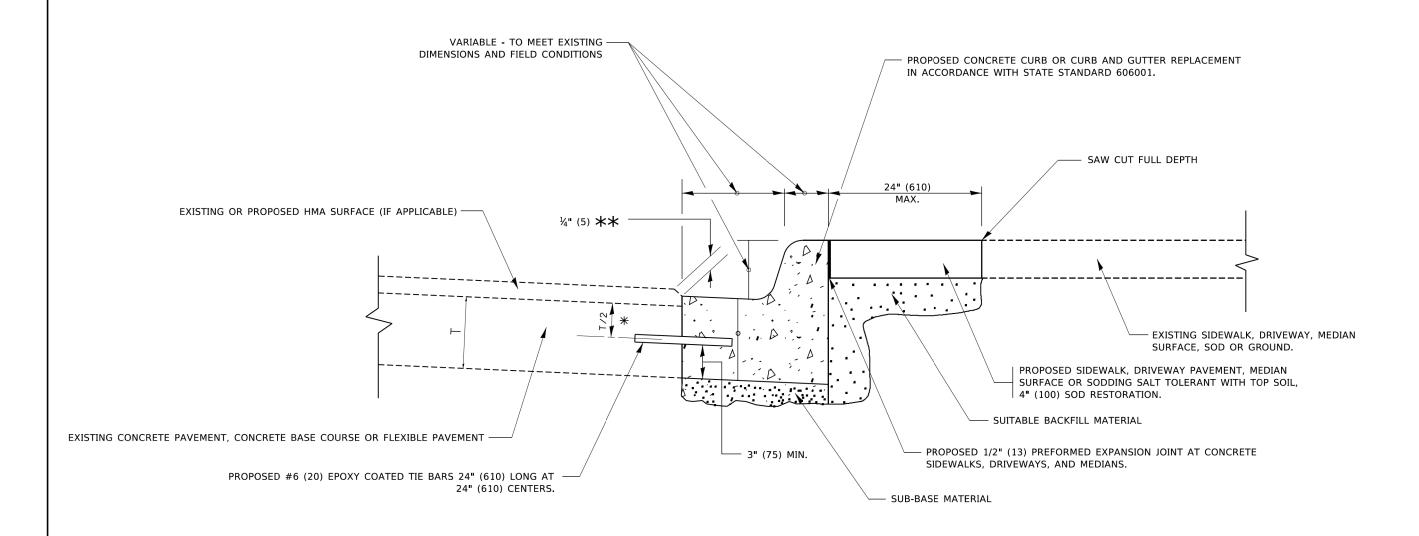










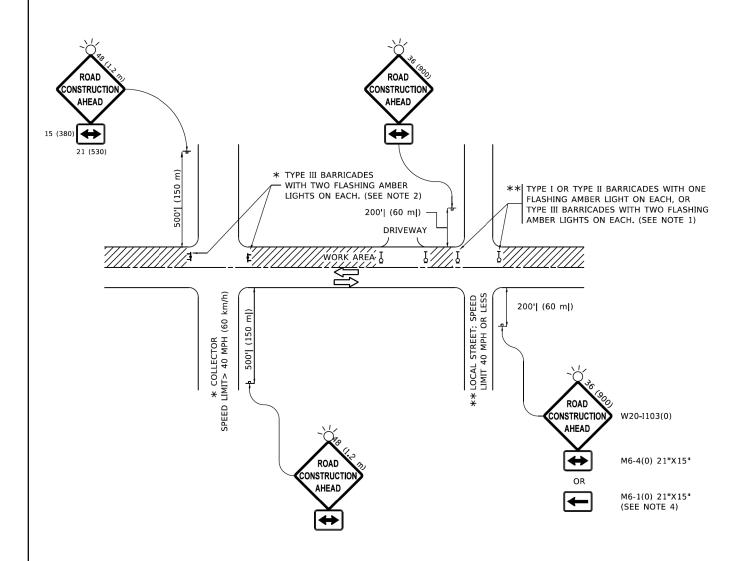


- X 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- $\star\star$ IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97			CURB OR CURB AND GUTTER		RTE.	SECTION	COUNTY	SHEETS	NO.
	DRAWN -	REVISED - M. GOMEZ 01-22-01	STATE OF ILLINOIS				5072	22-00055-00-BT	DUPAGE	58	45
PLOT SCALE = 50.0000 / in.	CHECKED -	REVISED - R. BORO 12-15-09	DEPARTMENT OF TRANSPORTATION		REMOVAL AND REPLACEMENT		Ь В	3D600-06 (BD-24)	CONTRAC	T NO. 6	51K77
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19		SCALE: NONE	SHEET 1 OF 1 SHEETS STA.	TO STA.	_	ILLINOIS FED.	AID PROJECT		



NOTES:

- 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
 b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION
 OF THE CLOSED PORTION.
- 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
 4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL
 BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

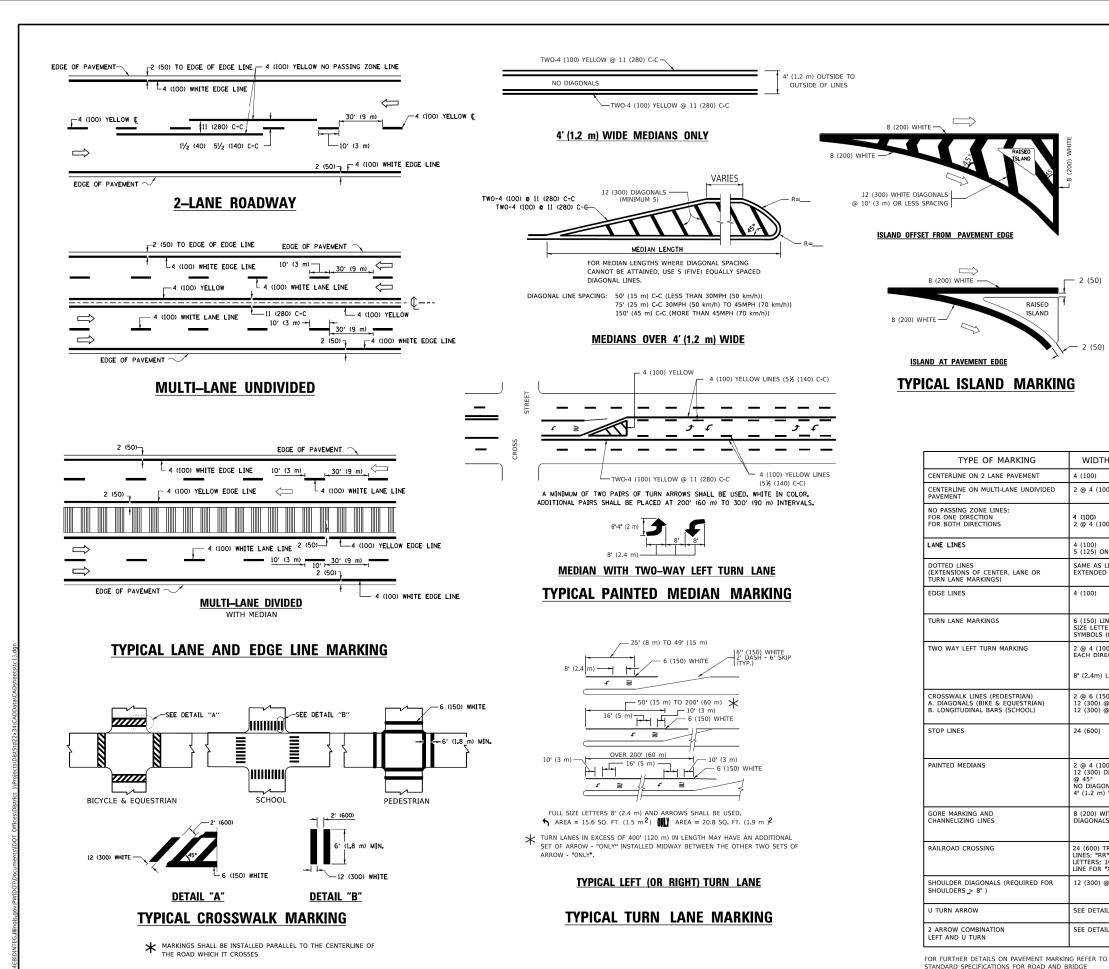
USER NAME = Lawrence.DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-0
	DRAWN -	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SHEET 1 OF 1 SHEETS STA. TO STA

F.A.U. SECTION COUNTY TOTAL SHEETS NO. 5072 22-00055-00-BT DUPAGE 58 46 TC-10 CONTRACT NO. 61K77



REVISED -

REVISED -

COMBINATION LEFT AND U-TURN 5'-4" (1620) LANE REDUCTION TRANSITION * LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OF GREATER OR WHEN SPECIFIED IN PLANS. **U-TURN** WIDTH OF LINE PATTERN COLOR SPACING / REMARKS YELLOW 10' (3 m) LINE WITH 30' (9 m) SPACE 5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN SKIP-DASH SKIP-DASH 10' (3 m) LINE WITH 30' (9 m) SPACE (125) ON FREEWAYS SAME AS LINE BEING EXTENDED SKIP-DASH SAME AS LINE BEING EXTENDED 2' (600) LINE WITH 6' (1.8 m) SPACE SOLID YELLOW-LEFT WHITE-RIGHT OUTLINE MEDIANS IN YELLOW 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) SOLID SEE TYPICAL TURN LANE MARKING DETAIL WHITE 2 @ 4 (100) EACH DIRECTION YELLOW 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS. PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE SOLID WHITE 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. 2 @ 4 (100) WITH 12 (300) DIAGONALS SOLID YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS 8 (200) WITH 12 (300) DIAGONALS @ 45° SOLID DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))

2 (50)

2 (50)

4 (100)

24 (600)

24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"

12 (300) @ 45°

SEE DETAIL

SOLID

SOLID

SOL TO

WHITE

WHITE

WHITE - RIGHT YELLOW - LEFT

RAISED

TYPE OF MARKING

CONSTRUCTION AND STATE STANDARD 780001.

SCALE: NONE

D(FT)

665

750

SPEED LIMIT

REVISED - C. JUCIUS 09-09-09 REVISED - C. JUCIUS 07-01-13 C. JUCIUS 12-21-15

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION COUNTY DISTRICT ONE SHEETS NO. 22-00055-00-BT DUPAGE TYPICAL PAVEMENT MARKINGS TC-13 CONTRACT NO. 61K77 OF 2 SHEETS STA. TO STA SHEET 1

30.4 SF

SEE STATE STANDARD 780001

unless otherwise shown.

50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

USER NAME = footemj

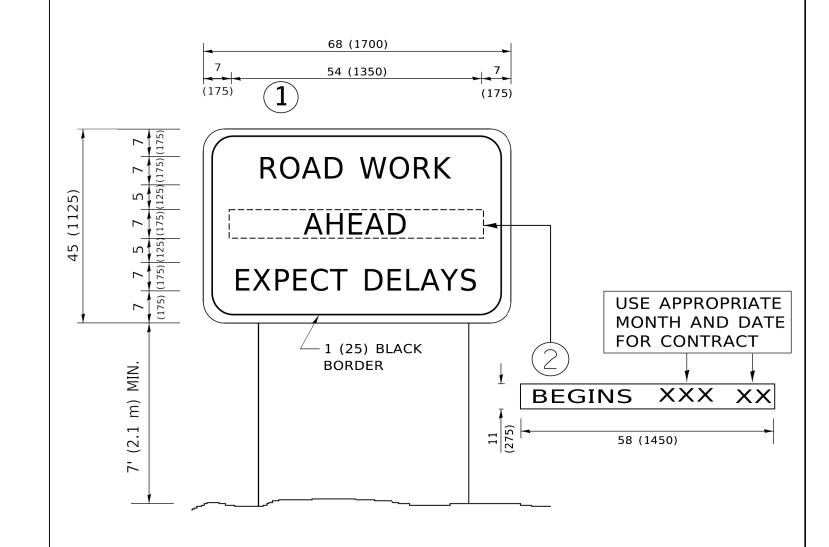
PLOT SCALE = 50.0000 / in.

DESIGNED - EVERS

DRAWN

DATE

CHECKED

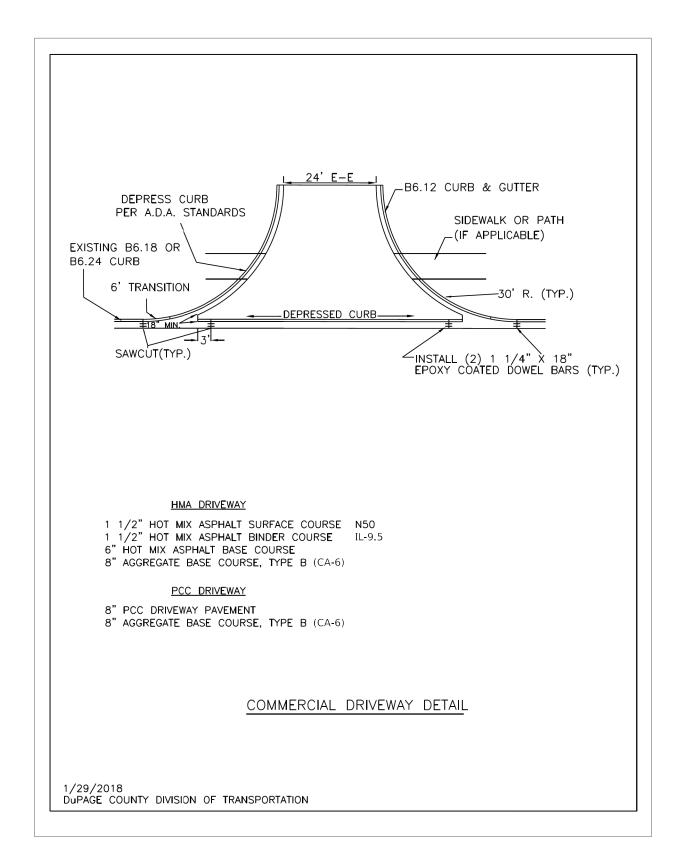


NOTES:

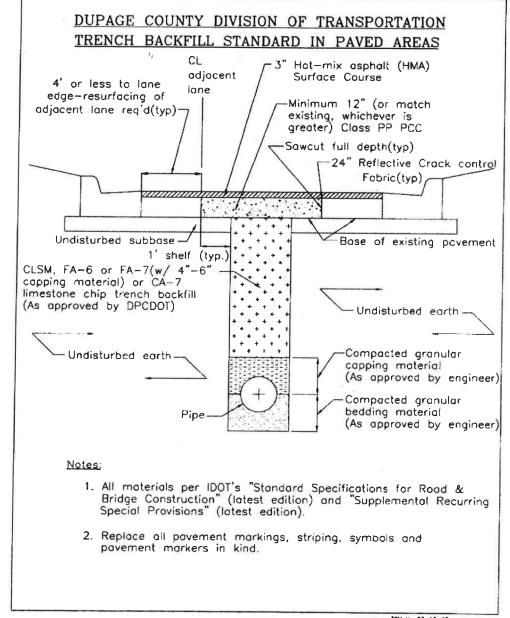
- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN 1 WITH INSTALLED PANEL 2 ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL(2)SOON AFTER THE START OF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

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

USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97	OTATE OF HUMAN		ARTERIAL ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS		INFORMATION SIGN		5072	22-00055-00-BT	DUPAGE	58	48
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION		INTORIVIATION SIGN		· ·	TC-22	CONTRAC	T NO. 6	31K77
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET 1 OF 1 SHEETS STA.	TO STA.		ILLINOIS FED. A	D PROJECT		



PAVEMENT PATCHING (SPECIAL) DETAIL



TOM H 03-12-10 TREPAVED STOLDING

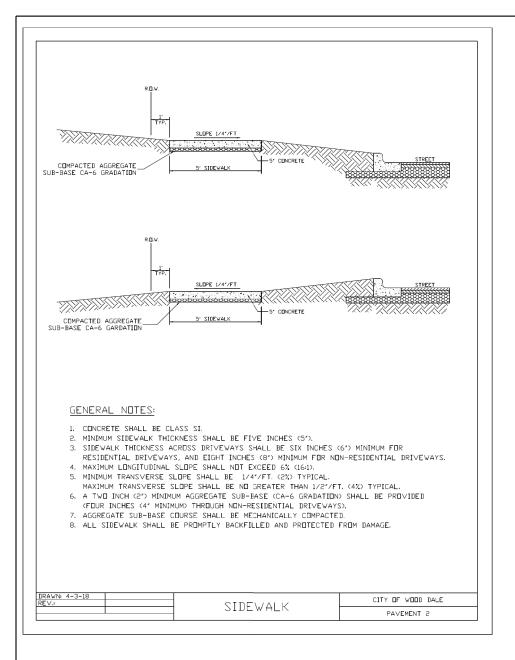
HRGreen.com

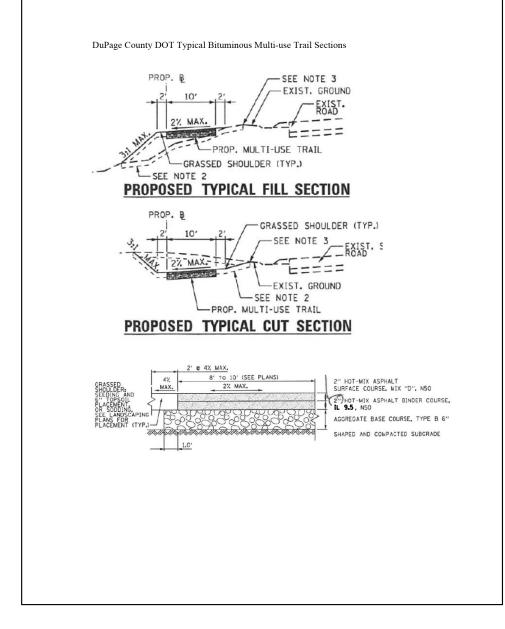
USER NAME = mzuzzio	DESIGNED - MLZ	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 5/22/2025	DATE -	REVISED -

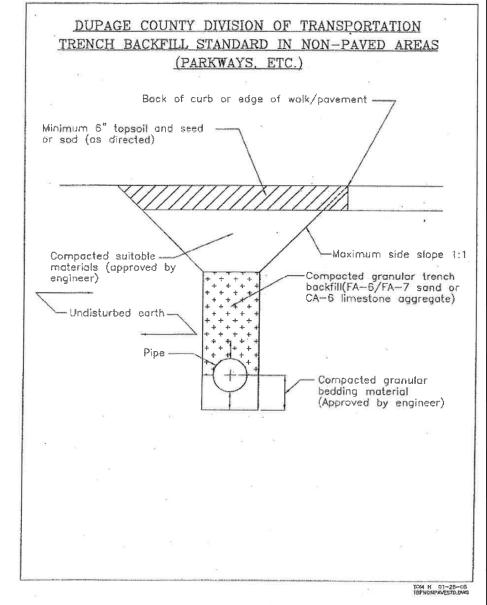
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

FLIZAF	BETH I	_				DETAILS RD SHARED-	USE PATH
SCALE: NTS	SHEET	1	OF	2	SHEETS	STA.	TO STA.

E.	SECT	ПОИ		COUNTY	TOTAL SHEETS	SHEET NO.
72	22-0005	5-00-B1	Γ	DUPAGE	58	49
				CONTRACT	NO.	51K77
		ILLINOIS	FED. A	ID PROJECT		







HG PROJECT NO. 2302/93
HG PROJ. CONTACT:
IN MARE. 2302/93. SAT. Details-10T DRUKE: L. Def. bw.pircfg
PEN TABLE: plotiobel.tb!

HRGreen.com IIIInols Professional Design Firm #184-001322

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

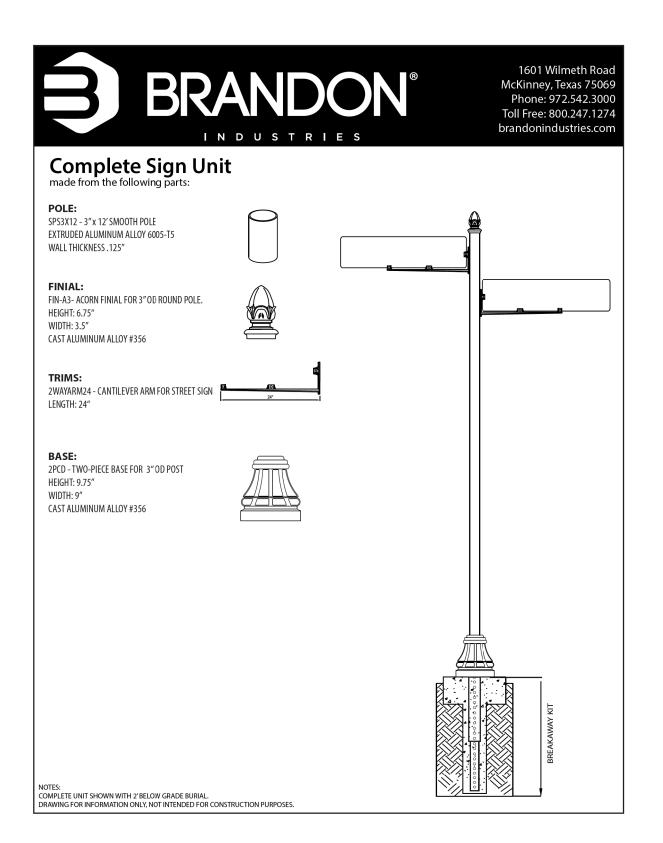
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH

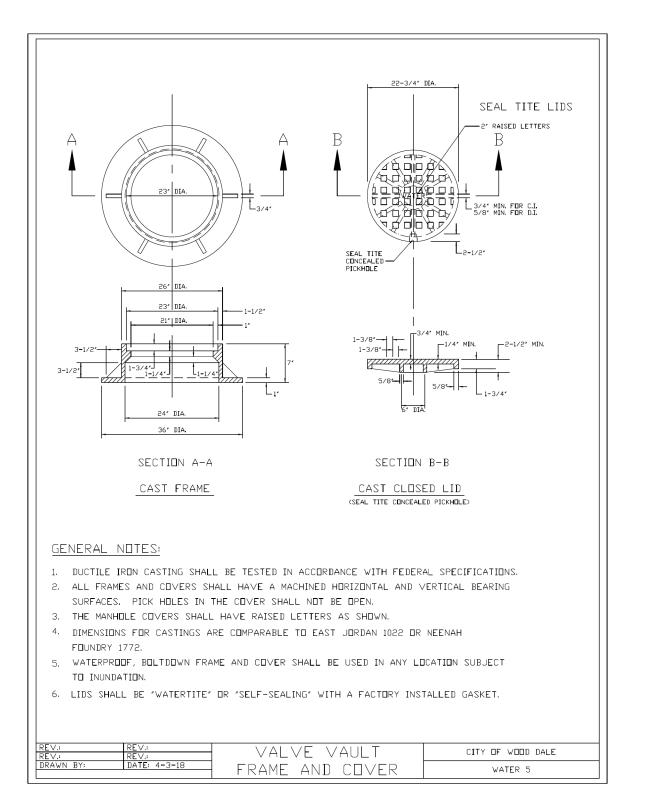
SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. SECTION COUNTY TOTAL SHEETS NO.

5072 22-00055-00-BT DUPAGE 58 50

CONTRACT NO. 61K77





HRGreen.

USER NAME = mzuzzio	DESIGNED - MLZ	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/22/2025	DATE -	REVISED -

SCALE: NTS

CONSTRUCTION DETAILS		SECTION	COUNTY	TOTAL SHEETS	
ELIZABETH DRIVE/WOOD DALE RD SHARED-USE PATH	5072	22-00055-00-BT	DUPAGE	58	51
ELIZABETH BINVEWOOD BALL HD SHANED-OSE FATH			CONTRAC	T NO.	61K77
S SHEET 2 OF 2 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT		

