

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	1
ILLINOIS CONTRACT NO. 61L05				

03-07-2025 LETTING ITEM 177

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

F.A.U. ROUTE 1245 (DEERPATH ROAD)
OAKWOOD AVENUE TO WESTERN AVENUE
STREETSCAPE PROJECT
SECTION NO: 19-00093-00-SW
PROJECT NO: 2DMV(695)
CITY OF LAKE FOREST
LAKE COUNTY
C-91-278-24

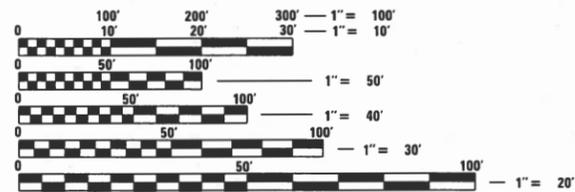
FOR INDEX OF SHEETS, SEE SHEET NO. 2

DEERPATH ROAD (FAU 1245)
MAJOR COLLECTOR
EXISTING ADT (2019) = 8,680
PROPOSED ADT (2025) = 8,860
DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH



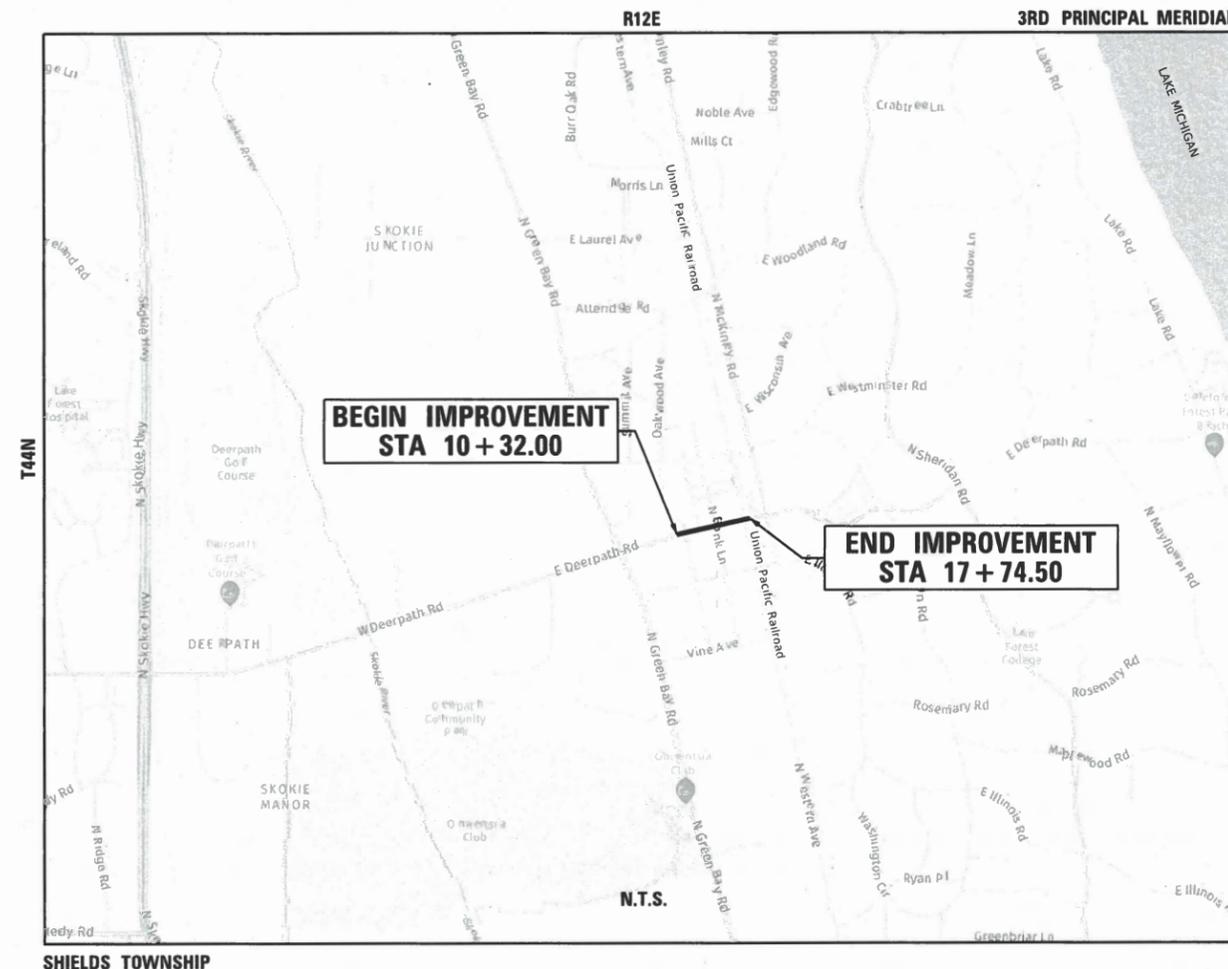
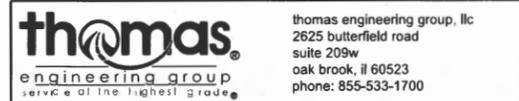
Vincent Micek
VINCENT J. MICEK, PE, CFM
DATE: 09/30/24 EXP. 11/30/25
THOMAS ENGINEERING GROUP, LLC
SHEETS: ALL SHEETS EXCEPT NOTED TO THE RIGHT

Scott Freres
SCOTT FRERES, PLA
DATE: 09/30/24 EXP. 11/30/25
THE LAKOTA GROUP
SHEETS: 58-64 & 77-87



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

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



BEGIN IMPROVEMENT
STA 10+32.00

END IMPROVEMENT
STA 17+74.50

GROSS LENGTH = 743 FT. = 0.141 MILE
NET LENGTH = 743 FT. = 0.141 MILE

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	September 30th 2024 <i>[Signature]</i> CITY OF LAKE FOREST, SUPERINTENDENT OF ENGINEERING
PASSED	Nov 6 2024 <i>[Signature]</i> DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	Nov 6 2024 <i>[Signature]</i> REGIONAL ENGINEER

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CONTRACT NO. 61L05

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BD-58	CITY OF CHICAGO DETECTABLE WARNINGS
BE-702	MISC ELECTRICAL DETAILS SHEET A
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS

HIGHWAY STANDARDS

STANDARD NO.	TITLE
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602306-03	INLET - TYPE B
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE B
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" 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
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
836001-05	LIGHT POLE FOUNDATION

MODEL: Default
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USER NAME = VinceM	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	2
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (STANDARD SPECIFICATIONS) ADOPTED JANUARY 1, 2022, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2025, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY TO VERIFY THAT GRADE CONFLICTS WILL NOT OCCUR WITH ANY PROPOSED UTILITIES PRIOR TO CONSTRUCTION AND ORDERING ANY MATERIALS. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
4. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED AGENCIES AND UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.
5. THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN CITY UTILITY LOCATIONS.
6. THE CONTRACTOR SHALL PROTECT EXISTING AND PROPOSED DECORATIVE MATERIALS FROM JULIE PAINT MARKINGS AND SHALL USE THE JOINT MEET PROCESS TO PROVIDE DETAILED UTILITY LOCATING INSTRUCTIONS FOR ANY UNDERGROUND LOCATES IN THESE AREAS.
7. WHENEVER THE CONTRACTOR ENCOUNTERS FACILITIES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, THEY WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THESE FACILITIES.
8. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO COMMENCEMENT OF WORK.
9. THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY, WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON SAFETY OR PERSONS OR PROPERTY ON THEIR PROTECTION FROM DAMAGE, INJURY, OR LOSS.
10. PER LAKE FOREST ORDINANCE 135.108, WORKING HOURS MONDAY THROUGH FRIDAY SHALL BE 7:00 AM - 8:00 PM. WORKING HOURS SATURDAY AND SUNDAY SHALL BE 8:00 AM - 6:00 PM. THE CITY MANAGER AND ENGINEER SHALL APPROVE ALL REQUESTED WORK OUTSIDE THESE HOURS.
11. THE ENGINEER SHALL NOT HAVE THE AUTHORITY OVER, OR THE RESPONSIBILITY FOR, THE CONTRACTOR'S MEANS, METHODS, PROCEDURES OF CONSTRUCTION, THE JOB SITE'S SAFETY PROCEDURES AND PRECAUTIONS, OR FOR ANY FAILURE OF THE CONTRACTOR TO COMPLY WITH RULES, REGULATIONS, OR ORDINANCES APPLICABLE TO THE CONTRACTOR'S WORK AND ACTIVITIES.
12. THE CONTRACTOR SHALL COORDINATE ALL THE ACTIVITIES WITH THE CITY OF LAKE FOREST. THIS APPLIES TO PROVIDING ADVANCE NOTICE TO ALLOW THE CITY TO REMOVE PARK BENCHES, TRASH RECEPTACLES, PLANTERS, ETC., PRIOR TO THE START OF CONSTRUCTION.
13. THE CONTRACTOR SHALL CONTACT THE LOCAL AGENCY MATERIAL INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONCRETE OR HOT-MIX ASPHALT MATERIAL DELIVERIES.
14. NO EXTRA WORK OF ANY NATURE SHALL BE UNDERTAKEN WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE ENGINEER.
15. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER OBTAINED FROM HYDRANTS FOR CONSTRUCTION SHALL BE METERED. METERS ARE AVAILABLE FROM THE CITY WATER DEPARTMENT WITH A DEPOSIT. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CITY RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF CITY WATER IF DEEMED NECESSARY. THE CITY OF LAKE FOREST IS SOLELY RESPONSIBLE FOR OPENING ALL WATER VALVES AND FIRE HYDRANTS ON THE PROJECT.
16. ACCESS TO RESIDENTIAL AND BUSINESS ENTRANCES SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS, SPECIAL SHALL BE UTILIZED AS NEEDED TO PROVIDE SUCH ACCESS.
17. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS, AND BUSINESS OWNERS AND THE CITY WHEN ACCESS TO ENTRANCES WILL BE TEMPORARILY CLOSED DUE TO SIDEWALK REMOVAL AND REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES TO RESIDENTS AND BUSINESSES AT LEAST 48 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN ENTRANCES ARE ABOUT TO BE CLOSED.
18. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKER MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
19. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

20. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL STAKING AND LAYOUT OF THE GRADING, UNDERGROUND, AND PAVING IMPROVEMENTS.
21. ALL TRAFFIC SIGNS, STREET SIGNS, ETC., THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED OR COVERED AS DESIGNATED BY THE ENGINEER.
22. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED UNLESS OTHERWISE APPROVED BY THE ENGINEER. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
23. THE CONTRACTOR SHALL EXCAVATE SUCH TRENCHES THAT WILL HAVE SEWER INSTALLED AND BE BACK FILLED DURING THE DAY. NO SUCH TRENCHES SHALL BE LEFT OPEN AT THE END OF THE WORKING DAY.
24. BEFORE SETTING THE TOP OF CURB ELEVATIONS, THE CONTRACTOR SHALL CHECK THE EXISTING ELEVATION AT THE ADJACENT BUILDING FACE, AND IF NECESSARY, THE CONTRACTOR SHALL VARY THE CURB EXPOSURE AND/EDGE OF PAVEMENT ELEVATION IN ORDER TO MORE CLOSELY FOLLOW THE PROPER LINE AND GRADES. THE PROPOSED CURB EXPOSURE SHALL VARY IN HEIGHT FROM 1 INCHES (MIN) TO 8 INCHES (MAX).
25. PCC SIDEWALK 3/4" PREMOLDED TRANSVERSE EXPANSION JOINTS SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. A BEIGE OR GRAY POLYURETHANE JOINT SEALANT, APPROVED BY THE ENGINEER, SHALL BE NEATLY APPLIED TO THE TOP 1/2" OF THE EXPANSION JOINT. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED AS DETAILED IN THE PLANS.
26. PENETRATING SEALER THAT DOES NOT ALTER THE LOOK OF THE PRODUCT SHALL BE APPLIED AT THE MAXIMUM APPLICATION RATE ON ALL DECORATIVE PCC SIDEWALK.
27. IN ALL INSTANCES WHERE PAVEMENT SAW CUTS ARE REQUIRED, THEY SHALL BE CUT AT LANE LINES AND PERPENDICULAR TO THE DIRECTION OF TRAFFIC.
28. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THEM. CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT ROADSIDE DRAINAGE SYSTEM IS BUILT AND IN SERVICE.
29. DRAINAGE STRUCTURE ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENT SHALL BE AS DIRECTED BY THE ENGINEER.
30. UNLESS OTHERWISE NOTED, LOCATIONS SHOWN ON THE DRAWINGS ARE TO THE CENTER OF THE GRATE/LID FOR ALL CATCH BASIN STRUCTURES.
31. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXEL TRUCK.
32. 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.
33. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLE AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
34. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED A MINIMUM OF 24" BELOW THE FINISHED GRADE.
35. GRANULAR TRENCH BACKFILL SHALL CONFORM TO CA-6, SAND BACKFILL FA-6 WILL NOT BE PERMITTED.
36. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED. METHOD 1 WILL BE THE ONLY APPROVED METHOD OF BACKFILLING.

COMMITMENTS

1. NO COMMITMENTS WERE MADE

MODEL: Default
FILE NAME: T:\09\05\02\03-Lake Forest-Deerpark-Streetcrops-EJ05_CADD\01_MDD001_MDD001_SIT\Utility-Gennotes.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	3
			CONTRACT NO. 61L05	
		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0028	0028	0028	0042
				RESURFACING	SAFETY	PEDESTRIAN	LANDSCAPING	TRAINEES
				0% FEDERAL 100% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	32	32				
20101000	TEMPORARY FENCE	FOOT	150	150				
20200100	EARTH EXCAVATION	CU YD	750	750				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50	50				
20800150	TRENCH BACKFILL	CU YD	405	405				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	150	150				
28000510	INLET FILTERS	EACH	16	16				
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	50	50				
31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	565			565		
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,149			2,149		
35300060	PORTLAND CEMENT CONCRETE BASE COURSE, 4"	SQ YD	315			315		
35301100	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	333			333		
35301300	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	116			116		
35301400	PORTLAND CEMENT CONCRETE BASE COURSE (VARIABLE DEPTH)	SQ YD	565			565		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	2,025	2,025				
40600990	TEMPORARY RAMP	SQ YD	347	347				

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L05	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0028	0028	0028	0042
				RESURFACING	SAFETY	PEDESTRIAN	LANDSCAPING	TRAINEES
				0% FEDERAL 100% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	217	217				
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	326	326				
42000060	WELDED WIRE REINFORCEMENT	SQ YD	333			333		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,400			1,400		
44000100	PAVEMENT REMOVAL	SQ YD	1,000	1,000				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	20	20				
44000300	CURB REMOVAL	FOOT	243	243				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	424	424				
44000600	SIDEWALK REMOVAL	SQ FT	14,836	14,836				
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	39	39				
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	78	78				
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	117	117				
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	533	533				
550B0040	STORM SEWERS, CLASS B, TYPE 1 10"	FOOT	201	201				
55100400	STORM SEWER REMOVAL 10"	FOOT	62	62				
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	2	2				

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 2 OF 9 SHEETS STA. TO STA.

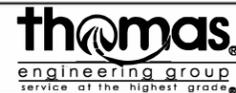
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L05	

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				0% FEDERAL 100% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	870				870	
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	4	4				
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	4	4				
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1				
60251200	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	3	3				
60266600	VALVE BOXES TO BE ADJUSTED	EACH	5	5				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	815	815				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5				
* 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	15	15				
67100100	MOBILIZATION	L SUM	1	0.25		0.75		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	480	240	240			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	181	181				

* SPECIALTY ITEM

MODEL: Default
FILE NAME: I:\Projects\12-003 Lake Forest Overpass Streetscape E205_CADD\01_MCD\03_SHT\14-500.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 3 OF 9 SHEETS STA. TO STA.

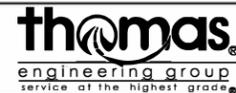
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L05	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0028	0028	0028	0042
				RESURFACING	SAFETY	PEDESTRIAN	LANDSCAPING	TRAINEES
				0% FEDERAL 100% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	548	548				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	102	102				
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	8	8				
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	68	68				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	49	49				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3,267	3,267				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,059	1,059				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	159	159				
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	323	323				
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	605		605			
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	652		652			
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	4,915		4,915			
* 81702415	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6	FOOT	586		586			
* 81702417	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6, 1/C NO. 6 GROUND	FOOT	1,512		1,512			
* 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1,352		1,352			
* 82500370	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	1		1			

* SPECIALTY ITEM

MODEL: Default
FILE NAME: I:\Projects\22-003 Lake Forest Overpass Streetscape E205_CADD\01_MCD\03_SHT\sh-500.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 10.0000' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L05	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0028	0028	0028	0042
				RESURFACING	SAFETY	PEDESTRIAN	LANDSCAPING	TRAINEES
				0% FEDERAL 100% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	105		105			
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	17	17				
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	17	17				
* A2002924	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED	EACH	4				4	
* A2006524	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	6				6	
* A2007200	TREE, QUERCUS ROBUR LONG (REGAL PRINCE OAK), 2" CALIPER, BALLED ANDBURLAPPED	EACH	1				1	
* A2008453	TREE, ULMUS ACCOLADE (HYBRID ELM), 3" CALIPER, BALLED AND BURLAPPED	EACH	2				2	
* A2008748	TREE, ULMUS X FRONTIER (FRONTIER ELM), 3" CALIPER, BALLED AND BURLAPPED, MATCHING HEADS	EACH	8				8	
* C2000660	SHRUB, ARONIA MELANOCARPA MORTON (IROQUOIS BEAUTY BLACK CHOKEBERRY), 2'-6" HEIGHT, BALLED AND BURLAPPED	EACH	46				46	
* C20023G3	SHRUB, DIERVILLA G2X88544 (KODIAK ORANGE BUSH HONEYSUCKLE), CONTAINER GROWN, 3-GALLON	EACH	30				30	
* K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	8				8	
* K0012975	PERENNIAL PLANTS, ORNAMENTAL TYPE, 4" POT	UNIT	5				5	
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	8				8	
* K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	UNIT	2				2	
* K0026830	SHRUB REMOVAL	EACH	25	25				
* K1003679	MULCH	CU YD	26				26	

* SPECIALTY ITEM

MODEL: Default
FILE NAME: I:\Projects\22-003 Lake Forest Overpass Streetscape E205_CADD\01_MCD\03_SHT\sh-500.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 5 OF 9 SHEETS STA. TO STA.

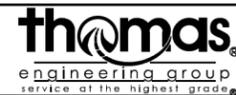
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L05	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0021	0028	0031	0042
				RESURFACING	SAFETY	PEDESTRIAN	LANDSCAPING	TRAINEES
				0% FEDERAL 100% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
X0322983	STONE CURB	FOOT	2,278	50		2,228		
X0326806	WASHOUT BASIN	L SUM	1	1				
X0327989	REMOVE EXISTING BRICK PAVERS	SQ FT	1,221			1,221		
X0327997	TRASH RECEPTACLES	EACH	10			10		
X0540000	BRICK PAVERS	SQ FT	6,322	500		5,822		
X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	4	4				
* X1400397	RECEPTACLE OUTLET	EACH	21	21				
* X1800003	PLANTING SOIL MIX FURNISH AND PLACE	CU YD	248				248	
X2010106	TREE REMOVAL (UNDER 6 UNITS DIAMETER)	UNIT	21	21				
* X2530008	TREE GRATES	EACH	6				6	
X4060103	BITUMINOUS MATERIALS (TACK COAT), SPECIAL	POUND	2,614	2,614				
X4060290	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	34	34				
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	SQ FT	11,094			11,094		
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	489			489		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3,553	3,553				
X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	47	47				

* SPECIALTY ITEM

MODEL: Default
FILE NAME: I:\Projects\22-003 Lake Forest Decrepit Streetscape E2105_CADD\01_MCD\03_Summary-SQ.dgn



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	DRAWN - JBH	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/28/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 6 OF 9 SHEETS STA. TO STA.

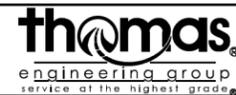
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	9
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0021	0028	0031	0042
				RESURFACING	SAFETY	PEDESTRIAN	LANDSCAPING	TRAINEES
				0% FEDERAL 100% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
X6010302	TRENCH DRAIN	FOOT	89			89		
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	13	13				
X6061815	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	FOOT	217		217			
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	8	2		6		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.25	0.75			
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	288			288		
* X7330064	SIGN SUPPORT (SPECIAL)	EACH	5			5		
* X8000003	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	8		8			
* X8130125	REMOVE EXISTING JUNCTION BOX	EACH	16		16			
* X8140105	HANDHOLE (SPECIAL)	EACH	23		23			
* X8950075	REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	1		1			
XX000300	CONCRETE STEPS	SQ FT	10			10		
XX003121	TRENCH DRAIN, SPECIAL	FOOT	24			24		
XX003338	TEST HOLE	EACH	15	15				
* XX003885	IRRIGATION SYSTEM	L SUM	1				1	
XX003915	BRICK WALL	FOOT	16			16		

* SPECIALTY ITEM

MODEL: Default
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	DRAWN - JBH	REVISED -
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PLOT DATE = 1/28/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 7 OF 9 SHEETS STA. TO STA.

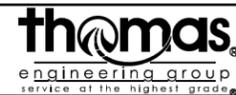
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	10
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0021	0028	0031	0042
				RESURFACING	SAFETY	PEDESTRIAN	LANDSCAPING	TRAINEES
				0% FEDERAL 100% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
XX007324	RECYCLING RECEPTACLE	EACH	10			10		
* XX007412	COLUMN WITH PLANTER	EACH	4				4	
* XX007468	PEDESTRAIN ST LIGHT	EACH	18		18			
XX007899	MASONRY WALL	FOOT	76			76		
XX008159	PORTLAND CEMENT CONCRETE BAND FOR PAVER BRICKS	FOOT	1,027			1,027		
XX008163	TEMPORARY RAMP, SPECIAL	EACH	25			25		
* XX008356	STRUCTURAL SOIL	CU YD	291				291	
* XX008418	PLANTER - 30" DIAMETER	EACH	38				38	
XX009047	FILLING EXISTING VAULT	CU YD	65			65		
* XX009353	STREET LIGHTING UNIT	EACH	3		3			
* XX009591	LANDSCAPING PLANTER	EACH	4				4	
Z0003850	BENCHES	EACH	9			9		
Z0003855	BICYCLE RACKS	EACH	3			3		
Z0004002	BOLLARDS	EACH	7			7		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.25		0.75		
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	2	2				

* SPECIALTY ITEM

MODEL: Default
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PLOT DATE = 1/28/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

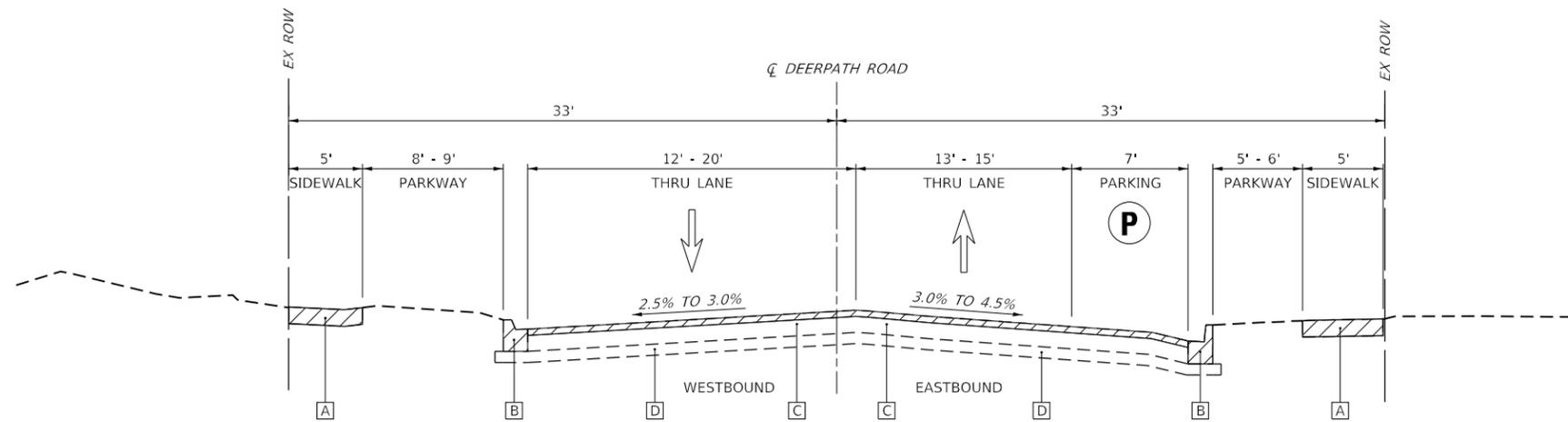
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 8 OF 9 SHEETS STA. TO STA.

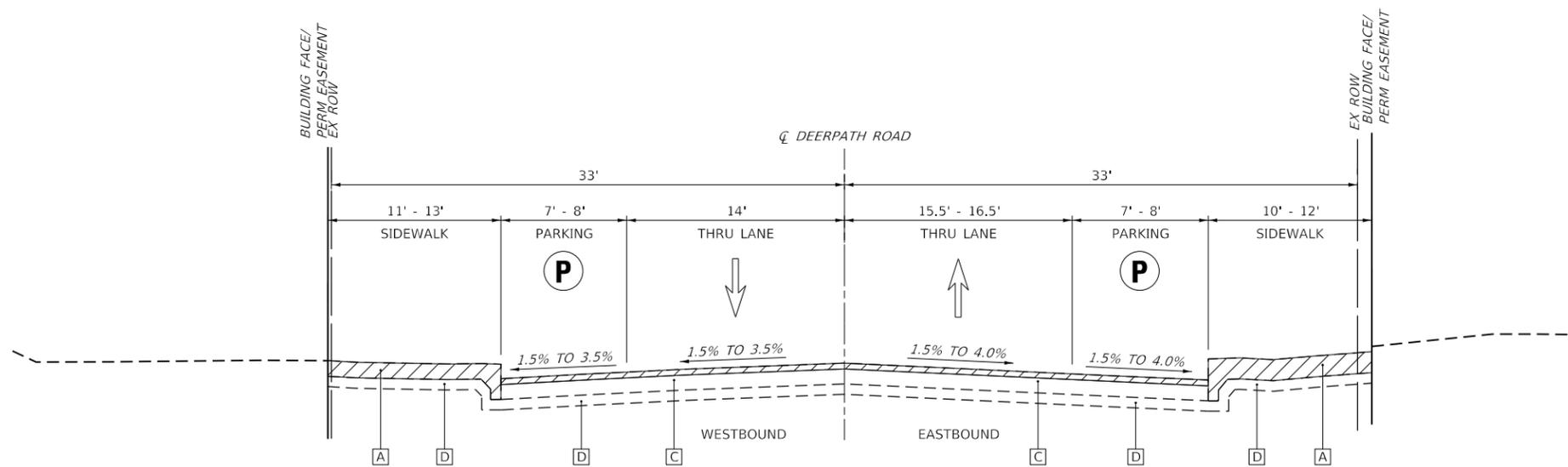
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	11
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	

LEGEND

- [A] EX PCC SIDEWALK WITH INTEGRAL CURB
- [B] EX COMB CONC CURB AND GUTTER, TY B-6.12
- [C] EX HMA PAVEMENT, THICKNESS VARIES 4" TO 8"
- [D] EX SUBBASE GRANULAR MATERIAL, 4"
- [Hatched Box] ITEMS TO BE REMOVED



EXISTING TYPICAL SECTION 1
 DEERPATH ROAD
 STA 10+32.00 - STA 10+56.00



EXISTING TYPICAL SECTION 2
 DEERPATH ROAD
 STA 10+56.00 - STA 17+69.00

MODEL: Default
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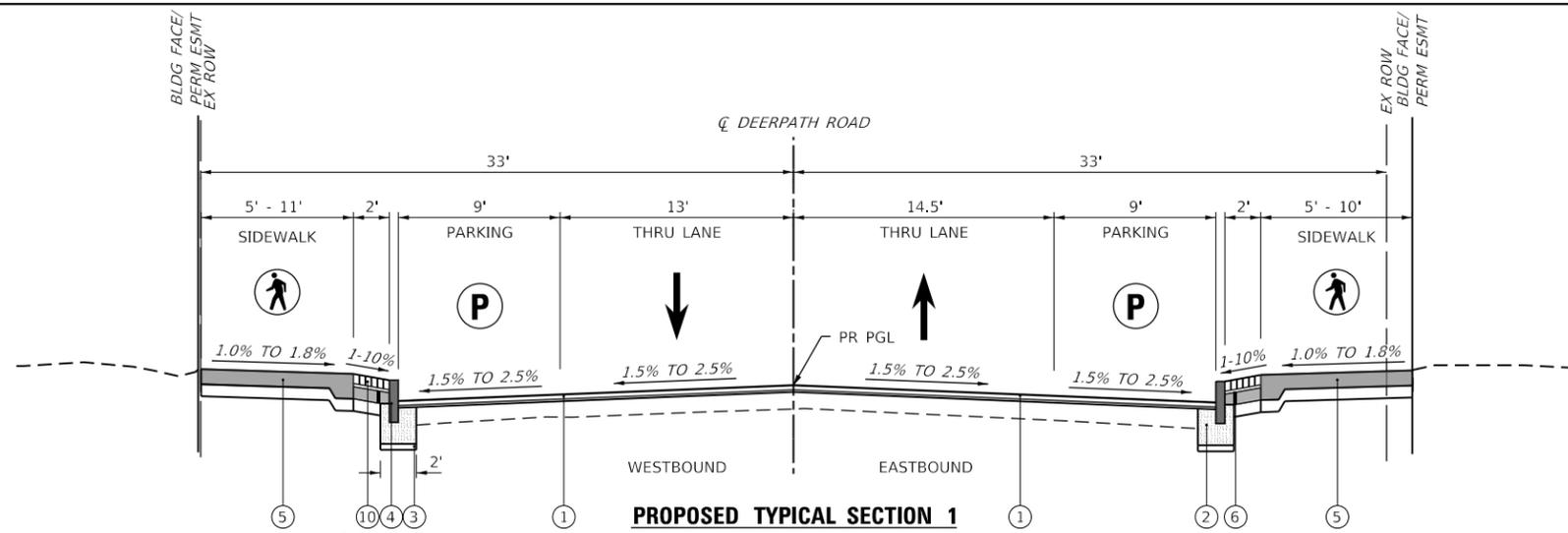
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PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
 EXISTING DEERPATH ROAD**

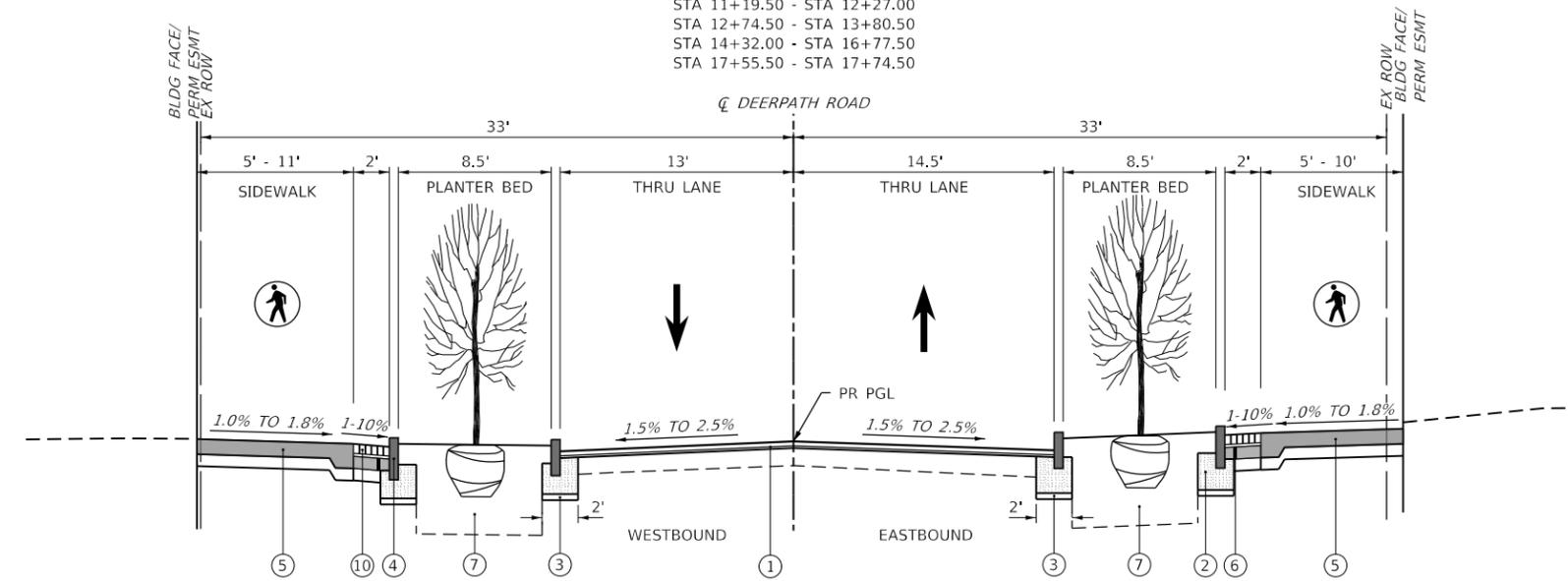
SCALE: NTS SHEET 1 OF 2 SHEETS STA. 10+32 TO STA. 17+69

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	13
CONTRACT NO. 61L05				
ILLINOIS		FED. AID PROJECT		



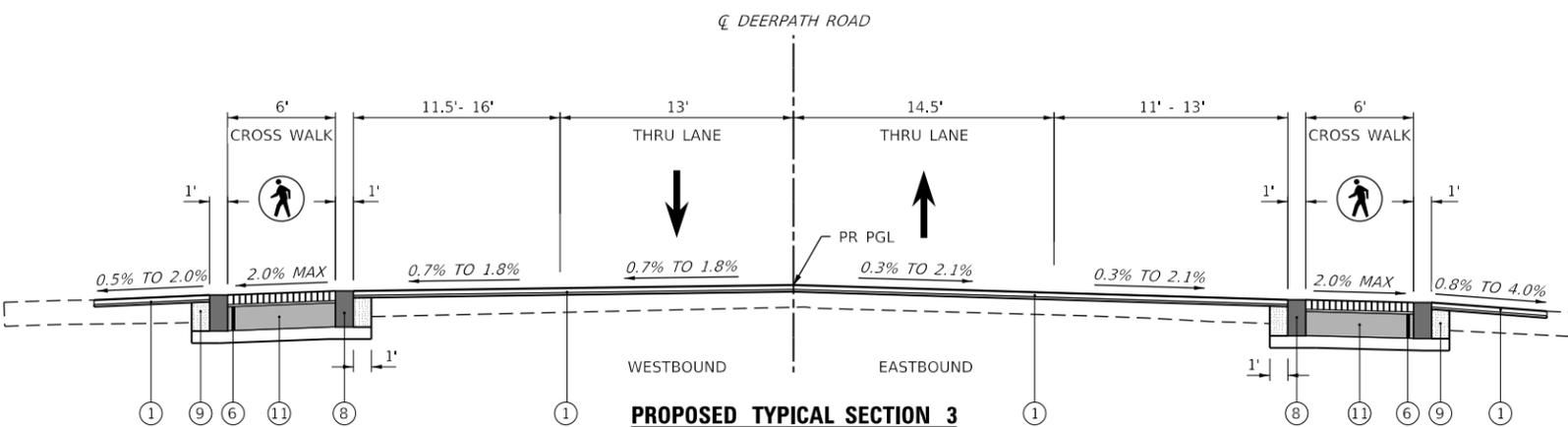
PROPOSED TYPICAL SECTION 1

DEERPETH ROAD
 STA 10+32.00 - STA 10+55.50
 STA 11+19.50 - STA 12+27.00
 STA 12+74.50 - STA 13+80.50
 STA 14+32.00 - STA 16+77.50
 STA 17+55.50 - STA 17+74.50



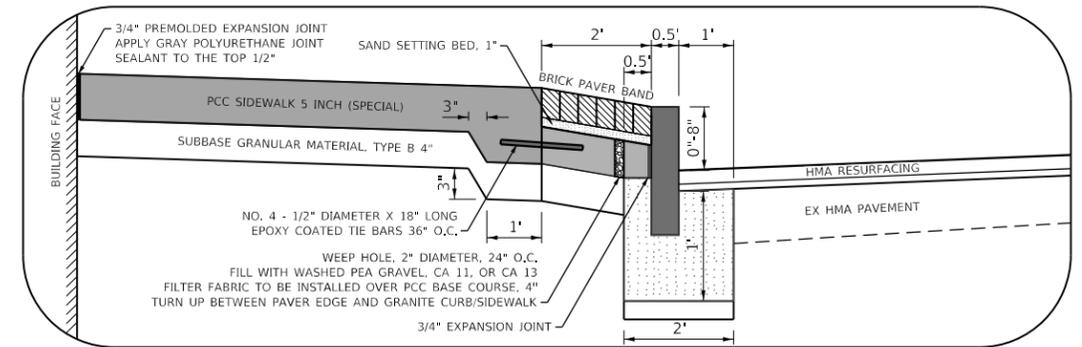
PROPOSED TYPICAL SECTION 2

DEERPETH ROAD
 PLANTER BUMPOUTS



PROPOSED TYPICAL SECTION 3

DEERPETH ROAD
 STA 10+55.50 - STA 11+19.50
 STA 12+27.00 - STA 12+74.50
 STA 13+80.50 - STA 14+32.00
 STA 16+77.50 - STA 17+55.50



DETAIL A

LEGEND

- ① HMA SURFACE REMOVAL, VARIABLE DEPTH
- ② PCC BASE COURSE (VARIABLE DEPTH)
- ③ SUBBASE GRANULAR MATERIAL, TYPE B 2"
- ④ STONE CURB (SEE NOTE 5)
- ⑤ PCC SIDEWALK
- ⑥ WEEP HOLES 2" DIA, 24" O.C. (REFER TO DETAILS)
- ⑦ PLANTING SOIL MIX FURNISH AND PLACE (SEE NOTE 8)
- ⑧ PCC BAND FOR BRICK PAVERS
- ⑨ HIGH-EARLY-STRENGTH PCC BASE COURSE 10"
- ⑩ BRICK PAVER BAND
- ⑪ BRICK PAVER CROSSWALKS

STONE CURB HEIGHT	GRANITE COBBLE SIZE
0" TO 4"	6" X 6" X 10"
5" TO 6"	6" X 6" X 12"
7" TO 8"	6" X 6" X 14"

NOTES

- ALL LONGITUDINAL JOINTS BETWEEN LANES MUST BE FINISHED BY THE END OF EACH WORKING DAY TO PREVENT COLD JOINT BONDING BETWEEN SUCCESSIVE DAYS OF PAVING.
- THE CONTRACTOR SHALL NOTIFY AFFECTED BUSINESSES 48 HOURS IN ADVANCE OF OPERATIONS AFFECTING BUILDING ENTRANCE INGRESS AND EGRESS.
- LONGITUDINAL JOINT SEALANT SHALL BE INSTALLED ON THE POLY HMA BINDER COURSE, IL-4.75 N50
- BITUMINOUS MATERIALS (TACK COAT), SPECIAL SHALL BE NON-TRACKING. REFER TO SPECIAL PROVISIONS.
- REFER TO GRADING PLAN FOR EXPOSED HEIGHT OF STONE CURB. SEE TABLE ABOVE FOR COBBLE DIMENSIONS.
- REFER TO GRADING PLAN AND CROSS SECTIONS FOR DETAILED GRADING INFORMATION.
- REFER TO CROSS SECTIONS FOR MILL THICKNESS AT THE CENTERLINE AND EDGES OF PAVEMENT.
- REFER TO LANDSCAPE PLANS FOR PLANTING SOIL MIX DEPTHS AT EACH LOCATION.
- SAND SETTING BED, 1" AND BITUMINOUS SETTING BED, 0.75" SHALL BE INCLUDED IN THE COST OF BRICK PAVERS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
	MIXTURE TYPE	AIR VOIDS @ N _{DES}	QMP
HMA RESURFACING DEERPETH ROAD	HMA SURFACE COURSE, IL-9.5, MIX "D", N70; 1.5"	4% @ 70 Gyr.	LR1030-2
	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4" - 1"	3.5% @ 50 Gyr.	LR1030-2
CLASS D PATCHES, 6 INCH	HMA BINDER COURSE, IL-19.0, N70; 6"	4% @ 70 Gyr.	LR1030-2
HMA DRIVEWAY PVMT, 8"	HMA SURFACE COURSE, IL-9.5, MIX "D", N70; 2"	4% @ 70 Gyr.	LR1030-2
	HMA BINDER COURSE, IL-19.0, N70; 6"	4% @ 70 Gyr.	LR1030-2

QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2
 THE UNIT WEIGHT USED TO CALCULATE ALL HMA 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.
 CLASS D PAVEMENT PATCHING TO BE COMPLETED AFTER MILLING OPERATIONS AND BEFORE RESURFACING

MODEL: Default
 FILE NAME: I:\08\05\2024\003 Lake Forest Deerpath Streetscape E305_CADD\01_MDD03_SITPLAN.dgn



USER NAME = Vincem	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS PROPOSED DEERPETH ROAD		F.A.U. RTE. 1245	SECTION 19-00093-00-SW	COUNTY LAKE	TOTAL SHEETS 133	SHEET NO. 14
SCALE: NTS	SHEET 2 OF 2 SHEETS	STA. 10+32	TO STA. 17+69	CONTRACT NO. 61L05		
				ILLINOIS FED. AID PROJECT		

SUBBASE GRANULAR MATERIAL, TYPE B 2"				
STATION	OFFSET	STATION	OFFSET	SQ YD
STONE CURB				
10+90.14	84.4' LT	11+01.29	32.8' LT	11.7
11+01.29	32.8' LT	11+18.50	22.5' LT	4.7
11+07.36	32.5' RT	11+12.17	60.5' RT	14.0
11+07.36	32.5' RT	11+18.77	19.9' RT	3.9
11+12.03	67.6' LT	11+11.52	51.6' LT	14.5
11+15.60	47.2' LT	11+52.36	35.5' LT	13.1
11+18.50	22.5' LT	11+67.75	17.0' LT	14.0
11+18.50	19.5' RT	12+52.25	26.0' RT	45.5
11+57.73	35.5' LT	11+82.70	35.5' LT	6.4
11+67.75	27.5' LT	11+72.75	27.0' LT	1.1
11+72.75	27.5' LT	12+27.48	29.9' LT	15.9
11+91.74	35.5' LT	12+21.22	56.4' LT	11.9
12+27.39	56.5' LT	12+27.93	36.0' LT	4.6
12+27.43	36.0' LT	12+27.48	29.9' LT	1.4
12+48.50	36.0' LT	12+50.26	30.0' LT	1.4
12+49.79	29.8' LT	12+67.50	14.2' LT	5.5
12+52.25	26.0' RT	12+52.75	36.1' RT	2.2
12+55.88	56.6' LT	12+49.00	36.0' LT	11.7
12+66.50	14.5' RT	12+67.00	26.0' RT	2.6
12+66.50	26.0' RT	12+67.00	36.1' RT	2.2
12+67.00	14.5' RT	12+73.50	15.0' RT	1.4
12+67.50	14.2' LT	12+73.50	13.0' LT	1.4
12+73.50	13.5' LT	13+81.50	15.5' LT	38.3
12+73.50	14.5' RT	13+81.39	15.6' RT	39.4
13+81.50	15.1' RT	13+87.50	17.9' RT	1.5
13+87.74	17.5' RT	13+97.68	28.2' RT	3.3
13+89.81	31.5' LT	31+81.50	15.5' LT	4.3

SUBBASE GRANULAR MATERIAL, TYPE B 2"				
STATION	OFFSET	STATION	OFFSET	SQ YD
13+89.83	40.0' LT	13+90.31	31.5' LT	1.9
13+97.68	28.2' RT	14+00.45	34.5' RT	1.6
13+99.96	34.6' RT	13+93.43	48.1' RT	8.4
14+06.21	31.5' LT	14+09.08	25.5' LT	1.5
14+08.64	25.3' LT	14+25.00	14.0' LT	4.6
14+10.48	41.7' LT	14+06.70	31.6' LT	2.9
14+22.26	34.5' RT	14+22.73	48.1' RT	3.0
14+22.26	34.5' RT	14+31.29	18.6' RT	4.3
14+25.00	14.0' LT	14+31.00	13.0' LT	1.3
14+31.00	13.5' LT	16+79.00	17.9' LT	72.6
14+31.00	18.2' RT	16+78.84	19.5' RT	70.5
15+39.00	22.5' RT	15+50.50	22.0' RT	7.9
15+45.00	21.0' LT	15+56.50	20.5' LT	7.9
16+78.75	18.3' LT	16+84.00	21.6' LT	1.4
16+79.00	19.0' RT	16+84.00	21.4' RT	1.2
16+83.65	21.9' LT	16+88.44	27.3' LT	1.6
16+84.21	20.9' RT	16+96.59	27.4' RT	3.1
16+85.24	43.9' RT	17+00.21	43.9' RT	10.6
16+88.00	27.5' LT	16+90.89	33.3' LT	1.4
16+90.40	33.4' LT	16+91.72	47.3' LT	7.8
16+96.56	27.0' RT	17+03.07	32.4' RT	1.9
17+03.07	32.4' RT	17+10.81	49.8' RT	6.6
COMB CONC C&G, TYPE M (SPECIAL)				
10+32.00	19.4' LT	10+64.57	64.2' LT	21.3
10+32.00	21.4' RT	10+68.40	39.5' RT	14.3
17+40.34	49.8' RT	17+68.78	18.3' RT	14.6
17+38.00	42.7' LT	17+69.92	19.7' LT	12.0
PROJECT TOTAL				565

SUBBASE GRANULAR MATERIAL, TYPE B 4"				
STATION	OFFSET	STATION	OFFSET	SQ YD
PCC SIDEWALK 5 INCH (SPECIAL)				
10+98.52	86.7' LT	11+18.50	22.5' LT	64.4
11+12.17	50.0' RT	11+20.09	60.5' RT	9.2
11+18.77	19.9' RT	11+35.25	38.0' RT	49.1
11+20.50	32.5' LT	12+13.50	27.5' LT	57.2
11+37.25	26.0' RT	12+39.00	33.5' RT	69.8
12+15.50	32.5' LT	12+27.00	30.0' LT	10.5
12+21.72	56.4' LT	12+27.43	38.0' LT	10.4
12+41.00	26.0' RT	12+52.25	38.0' RT	15.0
12+49.00	36.0' LT	12+86.00	24.5' LT	72.7
12+67.00	15.0' RT	12+92.50	35.9' RT	36.2
12+88.04	35.4' LT	13+60.50	24.5' LT	82.7
12+94.50	26.0' RT	13+60.50	34.3' RT	59.3
13+62.50	33.0' LT	13+81.24	16.0' LT	33.6
13+62.50	26.0' RT	13+99.87	34.2' RT	48.9
14+06.73	31.5' LT	14+37.00	24.5' LT	49.9
14+31.29	18.6' RT	14+48.87	34.4' RT	37.9
14+39.00	33.4' LT	15+22.00	24.5' LT	77.8
14+50.87	26.0' RT	14+83.93	33.0' RT	25.8
14+85.93	26.0' RT	15+41.50	33.9' RT	48.7
15+24.00	33.4' LT	15+79.50	24.5' LT	54.1
15+43.50	26.0' RT	15+96.50	34.0' RT	46.6
15+81.50	33.3' LT	16+59.65	24.5' LT	71.2
15+98.50	26.0' RT	16+64.00	33.9' RT	57.5
16+61.65	33.2' LT	16+83.24	49.2' LT	50.2
16+66.00	18.3' RT	17+00.71	54.8' RT	94.1
PCC SIDEWALK 5 INCH				
10+32.26	32.8' LT	10+63.13	63.8' LT	50.3
10+34.50	27.8' RT	10+68.40	33.0' RT	31.5
12+55.80	77.4' LT	12+65.74	56.6' LT	17.4
13+85.44	48.1' RT	13+90.22	54.0' RT	4.2
17+42.91	32.0' RT	17+68.78	18.3' RT	31.7
17+44.50	33.0' LT	17+66.15	20.0' LT	20.4
BRICK PAVER CROSSWALKS				
10+56.50	19.8' LT	10+62.50	21.9' RT	28.4
10+68.20	26.5' RT	11+07.36	32.5' RT	26.4
10+69.59	33.0' LT	11+05.95	27.0' LT	23.4
11+12.50	23.2' LT	11+18.50	19.5' RT	29.5
12+27.93	36.0' LT	12+49.74	30.0' LT	14.1
12+67.50	13.7' LT	12+73.50	14.5' RT	18.4
13+81.50	15.5' LT	13+87.50	17.3' RT	22.7
13+90.32	31.5' LT	14+08.51	25.5' LT	11.4
13+98.39	28.5' RT	14+22.26	34.5' RT	15.4
14+25.00	13.4' LT	14+31.00	18.2' RT	22.7
16+78.50	17.6' LT	16+84.50	21.1' RT	26.3
16+90.89	33.3' LT	17+47.50	27.3' RT	36.6
16+95.69	26.5' RT	17+41.11	32.5' RT	28.0
17+48.50	26.4' LT	17+54.50	18.0' RT	29.1
PCC BAND FOR PAVER BRICKS				
10+56.50	20.9' LT	10+56.50	21.2' RT	4.6
10+63.50	25.3' LT	10+63.50	22.3' RT	5.1

SUBBASE GRANULAR MATERIAL, TYPE B 4"				
STATION	OFFSET	STATION	OFFSET	SQ YD
10+64.18	26.0' LT	11+07.20	26.0' LT	4.6
10+68.52	33.0' LT	11+01.20	33.0' LT	3.5
10+69.98	32.5' RT	11+07.36	32.5' RT	4.2
11+11.50	23.6' LT	10+67.49	25.5' RT	10.3
11+18.50	22.0' LT	11+18.50	19.5' RT	4.6
12+27.18	29.0' LT	12+50.10	29.0' LT	2.5
12+27.93	36.0' LT	12+48.50	36.0' LT	2.3
12+66.50	14.0' LT	12+66.50	14.5' RT	3.2
12+73.50	13.0' LT	12+73.50	14.5' RT	3.1
13+81.50	15.5' LT	13+81.50	15.1' RT	3.4
13+88.50	23.1' LT	13+88.50	17.9' RT	4.6
13+89.10	24.5' LT	14+09.09	24.5' LT	2.2
13+90.31	31.5' LT	14+06.21	31.5' LT	1.8
13+97.88	27.5' RT	14+23.67	27.5' RT	2.9
14+00.44	34.5' RT	14+22.26	34.5' RT	2.4
14+24.00	13.7' LT	14+24.00	26.7' RT	4.5
14+31.00	13.0' LT	14+31.00	18.2' RT	3.5
16+78.50	17.6' LT	16+78.50	18.9' RT	4.0
16+85.50	23.1' LT	16+85.50	21.5' RT	5.0
16+87.84	26.3' LT	17+47.50	22.2' RT	12.0
16+90.89	33.3' LT	17+42.39	33.3' LT	5.7
16+93.91	25.5' RT	17+44.49	25.5' RT	5.6
17+03.91	32.5' RT	17+41.11	32.5' RT	4.1
17+54.50	22.2' LT	17+54.50	18.0' RT	4.5
BRICK PAVER BAND				
10+90.14	84.4' LT	10+98.52	86.7' LT	1.9
11+07.81	32.7' RT	11+25.54	50.0' RT	7.0
11+10.51	49.8' LT	11+15.23	47.5' LT	1.1
11+10.53	68.9' LT	11+15.31	71.2' LT	1.1
11+18.50	32.7' LT	11+20.50	22.5' LT	2.2
11+20.48	18.8' RT	12+52.25	26.0' RT	34.5
12+15.50	32.5' LT	12+27.00	30.0' LT	5.2
12+21.72	56.4' LT	12+27.39	54.5' LT	1.3
12+21.76	38.0' LT	12+27.43	36.0' LT	1.3
12+48.92	38.0' LT	12+65.73	54.6' LT	7.9
12+52.39	30.0' LT	12+67.50	14.2' LT	5.1
12+73.50	13.5' LT	13+79.47	15.0' LT	32.4
12+75.50	15.0' RT	13+81.50	15.6' RT	31.5
13+85.43	46.1' RT	14+00.22	36.2' RT	5.9
13+85.49	38.0' LT	13+89.81	31.5' LT	2.4
13+87.50	17.9' RT	13+95.57	28.5' RT	3.0
14+06.73	31.5' LT	14+18.52	39.2' LT	4.2
14+09.08	25.5' LT	14+25.00	16.0' LT	4.1
14+22.76	34.5' RT	14+31.68	46.1' RT	4.6
14+31.00	13.5' LT	16+78.75	18.3' LT	68.3
14+32.98	17.5' RT	16+78.22	21.4' RT	66.3
16+78.40	51.2' LT	16+88.47	33.9' LT	6.3
16+82.27	23.4' LT	16+88.00	27.5' LT	1.5
16+83.82	21.3' RT	16+95.28	29.2' RT	3.1
17+01.66	33.8' RT	16+77.09	64.9' RT	12.3
PROJECT TOTAL				2,149

PORTLAND CEMENT CONCRETE BASE COURSE, 4"				
STATION	OFFSET	STATION	OFFSET	SQ YD
10+90.14	84.4' LT	10+98.52	86.7' LT	1.9
11+07.81	32.7' RT	11+25.54	50.0' RT	7.0
11+10.51	49.8' LT	11+15.23	47.5' LT	1.1
11+10.53	68.9' LT	11+15.31	71.2' LT	1.1
11+18.50	32.7' LT	11+20.50	22.5' LT	2.2
11+20.48	18.8' RT	12+52.25	26.0' RT	34.5
12+15.50	32.5' LT	12+27.00	30.0' LT	5.2
12+21.72	56.4' LT	12+27.39	54.5' LT	1.3
12+21.76	38.0' LT	12+27.43	36.0' LT	1.3
12+48.92	38.0' LT	12+65.73	54.6' LT	7.9
12+52.39	30.0' LT	12+67.50	14.2' LT	5.1
12+73.50	13.5' LT	13+79.47	15.0' LT	32.4
12+75.50	15.0' RT	13+81.50	15.6' RT	31.5
13+85.43	46.1' RT	14+00.22	36.2' RT	5.9
13+85.49	38.0' LT	13+89.81	31.5' LT	2.4
13+87.50	17.9' RT	13+95.57	28.5' RT	3.0
14+06.73	31.5' LT	14+18.52	39.2' LT	4.2
14+09.08	25.5' LT	14+25.00	16.0' LT	4.1
14+22.76	34.5' RT	14+31.68	46.1' RT	4.6

PORTLAND CEMENT CONCRETE BASE COURSE (VARIABLE DEPTH)				
STATION	OFFSET	STATION	OFFSET	SQ YD
STONE CURB				
10+90.14	84.4' LT	11+01.29	32.8' LT	11.7
11+01.29	32.8' LT	11+18.50	22.5' LT	4.7
11+07.36	32.5' RT	11+12.17	60.5' RT	14.0
11+07.36	32.5' RT	1+18.77	19.9' RT	3.9
11+12.03	67.6' LT	11+11.52	51.6' LT	14.5
11+15.60	47.2' LT	11+52.36	35.5' LT	13.1
11+18.50	22.5' LT	11+67.75	17.0' LT	14.0
11+18.50	19.5' RT	12+52.25	26.0' RT	45.5
11+57.73	35.5' LT	11+82.70	35.5' LT	6.4
11+67.75	27.5' LT	11+72.75	27.0' LT	1.1
11+72.75	27.5' LT	12+27.48	29.9' LT	15.9
11+91.74	35.5' LT	12+21.22	56.4' LT	11.9
12+27.39	56.5' LT	12+27.93	36.0' LT	4.6
12+27.43	36.0' LT	12+27.48	29.9' LT	1.4
12+48.50	36.0' LT	12+50.26	30.0' LT	1.4
12+49.79	29.8' LT	12+67.50	14.2' LT	5.5
12+52.25	26.0' RT	12+52.75	36.1' RT	2.2
12+55.88	56.6' LT	12+49.00	36.0' LT	11.7
12+66.50	14.5' RT	12+67.00	26.0' RT	2.6
12+66.50	26.0' RT	12+67.00	36.1' RT	2.2
12+67.00	14.5' RT	12+73.50	15.0' RT	1.4
12+67.50	14.2' LT	12+73.50	13.0' LT	1.4
12+73.50	13.5' LT	13+81.50	15.5' LT	38.3
12+73.50	14.5' RT	13+81.39	15.6' RT	39.4
13+81.50	15.1' RT	13+87.50	17.9' RT	1.5
13+87.74	17.5' RT	13+97.68	28.2' RT	3.3
13+89.81	31.5' LT	31+81.50	15.5' LT	4.3
13+89.83	40.0' LT	13+90.31	31.5' LT	1.9
13+97.68	28.2' RT	14+00.45	34.5' RT	1.6
13+99.96	34.6' RT	13+93.43	48.1' RT	8.4
14+06.21	31.5' LT	14+09.08	25.5' LT	1.5
14+08.64	25.3' LT	14+25.00	14.0' LT	4.6
14+10.48	41.7' LT	14+06.70	31.6' LT	2.9
14+22.26	34.5' RT	14+22.73	48.1' RT	3.0
14+22.26	34.5' RT	14+31.29	18.6' RT	4.3
14+25.00	14.0' LT	14+31.00	13.0' LT	1.3
14+31.00	13.5' LT	16+79.00	17.9' LT	72.6
14+31.00	18.2' RT	16+78.84	19.5' RT	70.5
15+39.00	22.5' RT	15+50.50	22.0' RT	7.9
15+45.00	21.0' LT	15+56.50	20.5' LT	7.9
16+78.75	18.3' LT	16+84.00	21.6' LT	1.4
16+79.00	19.0' RT	16+84.00	21.4' RT	1.2
16+83.65	21.9' LT	16+88.44	27.3' LT	1.6
16+84.21	20.9' RT	16+96.59	27.4' RT	3.1
16+85.24	43.9' RT	17+00.21	43.9' RT	10.6
16+88.00	27.5' LT	16+90.89	33.3' LT	1.4
16+90.40	33.4' LT	16+91.72	47.3' LT	7.8
16+96.56	27.0' RT	17+03.07	32.4' RT	1.9
17+03.07	32.4' RT	17+10.81	49.8' RT	6.6

PORTLAND CEMENT CONCRETE BASE COURSE (VARIABLE DEPTH)				
STATION	OFFSET	STATION	OFFSET	SQ YD
COMB CONC C&G, TYPE M (SPECIAL)				
10+32.00	19.4' LT	10+64.57	64.2' LT	8.2
10+32.00	21.4' RT	10+68.40	39.5' RT	5.5
17+40.34	49.8' RT	17+68.78	18.3' RT	5.6
17+38.00	42.7' LT	17+69.92	19.7' LT	4.6
ADA STALLS				
11+37.00	22.5' LT	12+03.00	22.5' LT	38.1
PROJECT TOTAL				565

HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE 10"				
STATION	OFFSET	STATION	OFFSET	SQ YD
BRICK PAVER CROSSWALKS				
10+56.50	20.9' LT	10+56.50	21.2' RT	4.6
10+63.50	25.3' LT	10+63.50	22.3' RT	5.1
10+64.18	26.0' LT	11+07.20	26.0' LT	4.6
10+68.52	33.0' LT	11+01.20	33.0' LT	3.5
10+69.98	32.5' RT	11+07.36	32.5' RT	4.1
11+11.50	23.6' LT	10+67.49	25.5' RT	10.3
11+18.50	22.0' LT	11+18.50	19.5' RT	4.5
12+27.18	29.0' LT	12+50.10	29.0' LT	2.5
12+27.93	36.0' LT	12+48.50	36.0' LT	2.3
12+66.50	14.0' LT	12+66.50	14.5' RT	3.2
12+73.50	13.0' LT	12+73.50	14.5' RT	3.1
13+81.50	15.5' LT	13+81.50	15.1' RT	3.4
13+88.50	23.1' LT	13+88.50	17.9' RT	4.6
13+89.10	24.5' LT	14+09.09	24.5' LT	2.2
13+90.31	31.5' LT	14+06.21	31.5' LT	1.8
13+97.88	27.5' RT	14+23.67	27.5' RT	2.9
14+00.44	34.5' RT	14+22.26	34.5' RT	2.4
14+24.00	13.7' LT	14+24.00	26.7' RT	4.5
14+31.00	13.0' LT	14+31.00	18.2' RT	3.5
16+78.50	17.6' LT	16+78.50	18.9' RT	4.0
16+85.50	23.1' LT	16+85.50	21.5' RT	5.0
16+87.84	26.3' LT	17+47.50	22.2' RT	13.8
16+90.89	33.3' LT	17+42.39	33.3' LT	5.7
16+93.91	25.5' RT	17+44.49	25.5' RT	5.6
17+03.91	32.5' RT	17+41.11	32.5' RT	4.1
17+54.50	22.2' LT	17+54.50	18.0' RT	4.5
PROJECT TOTAL				116

COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)				
STATION	OFFSET	STATION	OFFSET	FOOT
10+32.00	19.4' LT	10+64.57	64.2' LT	74.2
10+32.00	21.4' RT	10+68.40	39.5' RT	49.8
17+40.34	49.8' RT	17+68.78	18.3' RT	50.7
17+38.00	42.7' LT	17+69.92	19.7' LT	41.8
PROJECT TOTAL				217

BITUMINOUS MATERIALS (TACK COAT), SPECIAL				
STATION	OFFSET	STATION	OFFSET	POUND
MILLED SURFACES				
10+32.00	18.9' LT	10+55.50	21.2' RT	46.5
10+60.16	74.6' LT	11+00.71	34.0' LT	67.5
10+63.50	25.3' LT	11+11.50	24.2' RT	122.9
10+69.98	33.5' RT	11+12.17	64.5' RT	56.0
11+19.50	22.0' LT	12+66.50	14.5' RT	331.4
12+27.89	56.5' LT	12+48.44	37.0' LT	42.4
12+74.50	13.0' LT	13+80.50	14.9' RT	206.5
13+89.10	24.5' LT	14+24.00	26.7' RT	84.4
13+90.34	45.0' LT	14+06.00	32.5' LT	10.6
14+00.62	35.5' RT	14+22.22	54.0' RT	22.7
14+32.00	13.0' LT	16+77.50	18.6' RT	502.0
16+87.84	26.3' LT	17+47.50	22.2' RT	159.1
16+91.72	47.3' LT	17+41.75	34.3' LT	30.8
17+04.82	33.5' RT	17+40.34	49.8' RT	25.6
17+55.50	21.7' LT	17+74.50	16.7' RT	34.3
HMA LIFTS				
10+32.00	18.9' LT	10+55.50	21.2' RT	23.3
10+60.16	74.6' LT	11+00.71	34.0' LT	33.7
10+63.50	25.3' LT	11+11.50	24.2' RT	61.5
10+69.98	33.5' RT	11+12.17	64.5' RT	28.0
11+19.50	22.0' LT	12+66.50	14.5' RT	165.7
12+27.89	56.5' LT	12+48.44	37.0' LT	21.2
12+74.50	13.0' LT	13+80.50	14.9' RT	103.3
13+89.10	24.5' LT	14+24.00	26.7' RT	42.2
13+90.34	45.0' LT	14+06.00	32.5' LT	5.3
14+00.62	35.5' RT	14+22.22	54.0' RT	11.3
14+32.00	13.0' LT	16+77.50	18.6' RT	251.0
16+87.84	26.3' LT	17+47.50	22.2' RT	79.5
16+91.72	47.3' LT	17+41.75	34.3' LT	15.4
17+04.82	33.5' RT	17+40.34	49.8' RT	12.8
17+55.50	21.7' LT	17+74.50	16.7' RT	17.2
PROJECT TOTAL				2,614

WELDED WIRE REINFORCEMENT				
STATION	OFFSET	STATION	OFFSET	SQ YD
10+56.50	19.8' LT	10+62.50	21.9' RT	28.4
10+68.20	26.5' RT	11+07.36	32.5' RT	26.4
10+69.59	33.0' LT	11+05.95	27.0' LT	23.4
11+12.50	23.2' LT	11+18.50	19.5' RT	29.5
12+27.93	36.0' LT	12+49.74	30.0' LT	14.1
12+67.50	13.7' LT	12+73.50	14.5' RT	18.4
13+81.50	15.5' LT	13+87.50	17.3' RT	22.7
13+90.32	31.5' LT	14+08.51	25.5' LT	11.4
13+98.39	28.5' RT	14+22.26	34.5' RT	15.4
14+25.00	13.4' LT	14+31.00	18.2' RT	22.7
16+78.50	17.6' LT	16+84.50	21.1' RT	26.3
16+90.89	33.3' LT	17+47.50	27.3' RT	36.6
16+95.69	26.5' RT	17+41.11	32.5' RT	28.0
17+48.50	26.4' LT	17+54.50	18.0' RT	29.1
PROJECT TOTAL				333

STONE CURB				
STATION	OFFSET	STATION	OFFSET	FOOT
COBBLES, VARIABLE HEIGHT				
10+90.14	84.4' LT	11+01.29	32.8' LT	52.7
11+07.36	32.5' RT	11+12.17	60.5' RT	63.0
11+12.03	67.6' LT	11+11.52	51.6' LT	65.3
11+15.60	47.2' LT	11+52.36	35.5' LT	58.7
11+18.50	22.5' LT	11+67.75	17.0' LT	62.8
11+18.50	19.5' RT	12+52.25	26.0' RT	204.8
11+57.73	35.5' LT	11+82.70	35.5' LT	28.9
11+72.75	27.5' LT	12+27.48	29.9' LT	71.8
11+91.74	35.5' LT	12+21.22	56.4' LT	53.5
12+27.39	56.5' LT	12+27.93	36.0' LT	20.5
12+49.79	29.8' LT	12+67.50	14.2' LT	24.8
12+55.88	56.6' LT	12+49.00	36.0' LT	52.4
12+66.50	14.5' RT	12+67.00	26.0' RT	11.5
12+73.50	13.5' LT	13+81.50	15.5' LT	172.3
12+73.50	14.5' RT	13+81.39	15.6' RT	177.5
13+87.74	17.5' RT	13+97.68	28.2' RT	15.0
13+89.83	40.0' LT	13+90.31	31.5' LT	8.5
13+99.96	34.6' RT	13+93.43	48.1' RT	37.7
14+08.64	25.3' LT	14+25.00	14.0' LT	20.7
14+10.48	41.7' LT	14+06.70	31.6' LT	13.2
14+22.26	34.5' RT	14+22.73	48.1' RT	13.6
14+31.00	13.5' LT	16+79.00	17.9' LT	326.8
14+31.00	18.2' RT	16+78.84	19.5' RT	317.3
15+39.00	22.5' RT	15+50.50	22.0' RT	35.7
15+45.00	21.0' LT	15+56.50	20.5' LT	35.7
16+83.65	21.9' LT	16+88.44	27.3' LT	7.2
16+84.21	20.9' RT	16+96.59	27.4' RT	13.8
16+85.24	43.9' RT	17+00.21	43.9' RT	47.9
16+90.40	33.4' LT	16+91.72	47.3' LT	14.1
17+03.07	32.4' RT	17+10.81	49.8' RT	19.7
COBBLES, FLUSH				
11+01.29	32.8' LT	11+18.50	22.5' LT	21.2
11+07.36	32.5' RT	1+18.77	19.9' RT	17.4
11+67.75	27.5' LT	11+72.75	27.0' LT	5.0
12+27.43	36.0' LT	12+27.48	29.9' LT	6.2
12+48.50	36.0' LT	12+50.26	30.0' LT	6.3
12+52.25	26.0' RT	12+52.75	36.1' RT	10.1
12+66.50	26.0' RT	12+67.00	36.1' RT	10.1
12+67.00	14.5' RT	12+73.50	15.0' RT	6.5
12+67.50	14.2' LT	12+73.50	13.0' LT	6.2
13+81.50	15.1' RT	13+87.50	17.9' RT	6.7
13+89.81	31.5' LT	31+81.50	15.5' LT	19.1
13+97.68	28.2' RT	14+00.45	34.5' RT	7.0
14+06.21	31.5' LT	14+09.08	25.5' LT	6.7
14+22.26	34.5' RT	14+31.29	18.6' RT	19.2
14+25.00	14.0' LT	14+31.00	13.0' LT	6.0
16+78.75	18.3' LT	16+84.00	21.6' LT	6.2
16+79.00	19.0' RT	16+84.00	21.4' RT	5.5
16+88.00	27.5' LT	16+90.89	33.3' LT	6.5
16+96.56	27.0' RT	17+03.07	32.4' RT	8.5
EXTRA MATERIAL, REFER TO SPECIAL PROVISIONS				
100% LOCALLY FUNDED EXTRA MATERIAL				50.0
PROJECT TOTAL				2,278

BRICK PAVERS				
STATION	OFFSET			

DETECTABLE WARNINGS (SPECIAL)				
STATION	OFFSET	STATION	OFFSET	SQ FT
10+55.81	23.3' LT	10+67.99	33.0' LT	31.9
10+56.50	22.7' RT	10+66.40	32.5' RT	31.7
11+03.52	34.0' LT	11+18.50	22.5' LT	39.2
11+07.81	32.7' RT	11+19.87	21.6' RT	33.1
11+67.75	29.5' LT	11+72.75	27.5' LT	10.0
12+25.00	36.0' LT	12+27.00	30.0' LT	12.0
12+50.25	26.0' RT	12+52.25	33.5' RT	15.0
12+50.26	36.0' LT	12+52.26	30.0' LT	12.3
12+67.00	26.0' RT	12+69.00	33.5' RT	15.0
12+67.00	15.0' RT	12+73.50	17.0' RT	13.0
12+67.50	16.2' LT	127+36.50	14.2' LT	12.1
13+80.22	17.7' LT	13+89.81	31.5' LT	35.2
13+81.50	17.9' RT	13+87.50	19.8' RT	12.9
13+95.84	28.5' RT	13+97.84	34.2' RT	12.2
14+09.08	31.5' LT	14+11.41	25.5' LT	14.0
14+22.76	34.5' RT	14+32.43	20.3' RT	35.5
14+25.00	16.0' LT	14+31.00	13.9' LT	12.0
16+77.77	20.0' LT	16+83.65	21.9' LT	11.7
16+78.84	19.5' RT	16+83.08	23.7' RT	10.5
16+86.26	28.5' LT	16+90.40	33.4' LT	12.2
16+96.29	27.4' RT	17+01.66	33.8' RT	16.3
17+42.91	32.0' RT	17+54.00	22.1' RT	30.6
17+45.88	34.5' LT	17+54.00	24.3' LT	22.4
17+60.30	24.0' LT	17+62.30	33.0' LT	17.9
17+61.60	21.8' RT	17+63.60	32.0' RT	20.3
PROJECT TOTAL				489

PORTLAND CEMENT CONCRETE BAND FOR PAVER BRICKS				
STATION	OFFSET	STATION	OFFSET	FOOT
10+56.50	20.9' LT	10+56.50	21.2' RT	41.0
10+63.50	25.3' LT	10+63.50	22.3' RT	46.3
10+64.18	26.0' LT	11+07.20	26.0' LT	41.7
10+68.52	33.0' LT	11+01.20	33.0' LT	31.6
10+69.98	32.5' RT	11+07.36	32.5' RT	37.4
11+11.50	23.6' LT	10+67.49	25.5' RT	92.4
11+18.50	22.0' LT	11+18.50	19.5' RT	41.5
12+27.18	29.0' LT	12+50.10	29.0' LT	22.9
12+27.93	36.0' LT	12+48.50	36.0' LT	20.6
12+66.50	14.0' LT	12+66.50	14.5' RT	28.5
12+73.50	13.0' LT	12+73.50	14.5' RT	27.5
13+81.50	15.5' LT	13+81.50	15.1' RT	30.6
13+88.50	23.1' LT	13+88.50	17.9' RT	41.0
13+89.10	24.5' LT	14+09.09	24.5' LT	20.0
13+90.31	31.5' LT	14+06.21	31.5' LT	15.9
13+97.88	27.5' RT	14+23.67	27.5' RT	25.7
14+00.44	34.5' RT	14+22.26	34.5' RT	21.8
14+24.00	13.7' LT	14+24.00	26.7' RT	40.4
14+31.00	13.0' LT	14+31.00	18.2' RT	31.2
16+78.50	17.6' LT	16+78.50	18.9' RT	36.4
16+85.50	23.1' LT	16+85.50	21.5' RT	44.6
16+87.84	26.3' LT	17+47.50	22.2' RT	107.9
16+90.89	33.3' LT	17+42.39	33.3' LT	51.5
16+93.91	25.5' RT	17+44.49	25.5' RT	50.6
17+03.91	32.5' RT	17+41.11	32.5' RT	37.2
17+54.50	22.2' LT	17+54.50	18.0' RT	40.2
PROJECT TOTAL				1,027

LONGITUDINAL JOINT SEALANT				
STATION	OFFSET	STATION	OFFSET	FOOT
10+32.00	0.0' RT	10+55.00	0.0' RT	23.5
10+32.00	13.0' LT	10+55.50	13.0' LT	23.5
10+32.00	14.5' RT	10+55.50	14.5' RT	23.5
10+63.50	0.0' RT	11+11.50	0.0' RT	48.0
10+63.50	13.0' LT	11+11.50	13.0' LT	48.0
10+63.50	14.5' RT	11+11.50	14.5' RT	48.0
10+74.82	79.3' LT	10+84.81	34.0' LT	46.8
10+91.17	64.5' RT	10+91.17	33.5' RT	31.0
11+19.50	0.0' RT	12+66.50	0.0' RT	147.0
11+19.50	13.0' LT	12+66.50	13.0' LT	147.0
11+41.00	14.5' RT	12+39.00	14.5' RT	98.0
12+37.89	72.3' LT	12+37.89	37.0' LT	35.3
12+74.50	0.0' RT	13+80.50	0.0' RT	106.0
12+89.50	13.0' LT	13+65.50	13.0' LT	76.0
12+89.50	14.5' RT	13+65.50	14.5' RT	76.0
13+88.50	0.0' RT	14+24.00	0.0' RT	35.5
13+88.50	13.0' LT	14+24.00	13.0' LT	35.5
13+88.50	14.5' RT	14+24.00	14.5' RT	35.5
14+02.09	45.0' LT	14+02.07	32.5' LT	12.5
14+07.92	54.0' RT	14+07.95	35.5' RT	18.5
14+32.00	0.0' RT	16+77.50	0.0' RT	245.5
14+46.00	14.5' RT	15+44.00	14.5' RT	98.0
14+52.00	13.0' LT	13+50.00	13.0' LT	98.0
15+46.00	14.5' RT	16+44.00	14.5' RT	98.0
15+52.00	13.0' LT	16+50.00	13.0' LT	98.0
16+85.50	0.0' RT	17+47.50	0.0' RT	62.0
16+85.50	13.0' LT	17+47.50	13.0' LT	62.0
16+85.50	14.5' RT	17+47.50	14.5' RT	62.0
17+23.79	49.8' RT	17+23.79	33.5' RT	16.3
17+24.03	47.3' LT	17+24.03	34.3' LT	13.0
17+55.50	0.0' RT	17+74.50	0.0' RT	19.0
17+55.50	13.0' LT	17+74.50	13.0' LT	19.0
17+55.50	14.5' RT	17+74.50	14.5' RT	19.0
PROJECT TOTAL				2,025

HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"				
STATION	OFFSET	STATION	OFFSET	SQ YD
12+47.75	14.5' RT	12+66.50	36.1' RT	33.4
PROJECT TOTAL				34

TRENCH DRAIN				
STATION	OFFSET	STATION	OFFSET	FOOT
11+45.50	27.3' RT	12+34.50	28.0' RT	89.0
PROJECT TOTAL				89

TRENCH DRAIN, SPECIAL				
STATION	OFFSET	STATION	OFFSET	FOOT
15+45.00	22.0' LT	15+57.00	21.0' LT	12.0
15+39.00	22.5' RT	15+51.00	23.5' RT	12.0
PROJECT TOTAL				24

SIGN PANEL - TYPE 1		
STATION	OFFSET	SQ FT
10+52.83	25.1' RT	3.5
10+52.83	25.1' RT	3.5
10+52.83	25.1' RT	1.9
10+52.83	25.1' RT	5.2
10+52.83	25.1' RT	0.8
10+67.80	40.9' LT	5.2
10+67.80	40.9' LT	0.8
11+06.94	38.5' RT	5.2
11+06.94	38.5' RT	0.8
11+24.10	24.6' LT	5.2
11+24.10	24.6' LT	0.8
11+33.30	25.4' LT	2.0
12+06.45	25.4' LT	2.0
12+20.12	42.2' LT	5.2
12+38.00	27.0' RT	1.5
12+59.17	25.0' LT	1.9
12+59.17	25.0' LT	3.0
12+59.17	25.0' LT	3.5
13+27.50	25.5' LT	1.5
13+63.72	27.0' RT	1.5
13+80.00	0.0' RT	2.5
14+32.00	0.0' RT	2.5
14+37.08	24.8' RT	2.5
14+37.08	24.8' RT	3.5
14+79.00	25.5' LT	1.5
15+17.00	27.0' RT	1.5
15+78.50	25.5' LT	1.5
16+17.00	27.0' RT	1.5
16+72.03	20.6' RT	5.2
16+72.03	20.6' RT	2.0
16+88.81	39.7' LT	5.2
16+88.81	39.7' LT	2.0
17+44.32	41.4' LT	1.5
17+46.87	34.8' RT	5.2
17+46.87	34.8' RT	2.0
17+46.87	34.8' RT	3.5
17+46.87	34.8' RT	3.5
PROJECT TOTAL		102

COLUMN WITH PLANTER		
STATION	OFFSET	EACH
11+46.50	26.3' RT	1
11+86.50	26.3' RT	1
11+93.50	26.3' RT	1
12+33.50	26.3' RT	1
PROJECT TOTAL		4

REMOVE SIGN PANEL - TYPE 1		
STATION	OFFSET	SQ FT
10+53.33	25.1' RT	4.0
10+53.33	25.1' RT	4.0
10+53.33	25.1' RT	1.9
10+53.33	25.1' RT	5.2
11+29.54	25.9' RT	1.5
11+75.69	25.4' LT	1.5
11+75.69	25.4' LT	2.0
12+67.40	24.9' LT	3.5
12+67.40	24.9' LT	4.0
12+67.40	24.9' LT	1.9
13+19.60	24.9' RT	1.5
13+83.07	25.1' LT	1.5
14+32.26	24.9' RT	3.5
14+32.26	24.9' RT	4.0
14+32.26	24.9' RT	1.5
14+71.37	25.4' LT	1.5
15+78.23	25.3' LT	1.5
16+19.60	24.6' RT	1.5
16+88.81	39.7' LT	5.2
16+88.81	39.7' LT	1.5
17+43.19	44.2' LT	1.5
17+46.87	34.8' RT	4.0
17+46.87	34.8' RT	4.0
17+46.87	34.8' RT	4.2
17+46.87	34.8' RT	1.5
PROJECT TOTAL		68

SIGN SUPPORT (SPECIAL)		
STATION	OFFSET	EACH
10+68.00	40.9' LT	1
11+07.00	38.5' RT	1
11+24.00	24.6' LT	1
12+20.00	42.2' LT	1
16+72.00	20.6' RT	1
PROJECT TOTAL		5

REMOVE SIGN PANEL ASSEMBLY - TYPE A		
STATION	OFFSET	EACH
10+67.15	40.3' LT	1
11+13.50	39.1' RT	1
11+23.44	24.6' LT	1
12+20.66	38.5' LT	1
14+23.74	39.1' RT	1
14+42.67	23.1' LT	1
15+55.70	25.5' RT	1
16+72.02	25.5' RT	1
PROJECT TOTAL		8

TEMPORARY FENCE		
STATION	OFFSET	FOOT
10+48.65	24.1' LT	26.0
10+64.55	86.6' RT	28.0
11+14.50	76.0' RT	22.0
14+24.14	61.5' RT	22.0
NOMINAL BY ENGINEER		52.0
PROJECT TOTAL		150

TREE GRATES		
STATION	OFFSET	EACH
13+14.00	25.5' LT	1
13+41.00	25.5' LT	1
15+01.00	25.5' LT	1
16+01.00	25.5' LT	1
13+14.00	27.0' RT	1
13+41.00	27.0' RT	1
PROJECT TOTAL		6

INLET FILTERS		
STATION	OFFSET	EACH
10+52.30	21.1' RT	1
12+16.35	21.0' LT	1
12+33.00	22.5' RT	1
12+45.20	22.6' RT	1
13+59.50	21.0' LT	1
13+59.50	22.5' RT	1
13+76.34	22.5' RT	1
15+45.00	23.0' RT	1
15+51.00	21.5' LT	1
16+38.00	22.5' RT	1
16+44.00	21.0' LT	1
16+75.58	21.1' LT	1
16+90.84	23.0' RT	1
17+38.31	21.0' LT	1
17+52.68	23.5' RT	1
17+68.86	16.3' RT	1
PROJECT TOTAL		16

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)				
STATION	OFFSET	STATION	OFFSET	SQ FT
10+98.52	86.7' LT	11+18.50	22.5' LT	579.3
11+12.17	50.0' RT	11+20.09	60.5' RT	83.2
11+18.77	19.9' RT	11+35.25	38.0' RT	441.6
11+20.50	32.5' LT	12+13.50	27.5' LT	514.4
11+37.25	26.0' RT	12+39.00	33.5' RT	628.5
12+15.50	32.5' LT	12+27.00	30.0' LT	94.2
12+21.72	56.4' LT	12+27.43	38.0' LT	93.3
12+41.00	26.0' RT	12+52.25	38.0' RT	135.4
12+49.00	36.0' LT	12+86.00	24.5' LT	654.4
12+67.00	15.0' RT	12+92.50	35.9' RT	326.0
12+88.04	35.4' LT	13+60.50	24.5' LT	744.6
12+94.50	26.0' RT	13+60.50	34.3' RT	533.6
13+62.50	33.0' LT	13+81.24	16.0' LT	302.2
13+62.50	26.0' RT	13+99.87	34.2' RT	440

PAVEMENT REMOVAL				
STATION	OFFSET	STATION	OFFSET	SQ YD
10+32.00	0.0' RT	11+47.00	0.0' RT	254.2
10+88.73	83.8' LT	10+98.31	44.9' LT	4.4
11+47.00	22.5' RT	12+33.00	22.5' RT	11.1
12+27.72	0.0' RT	12+95.50	0.0' RT	194.6
12+95.50	21.0' LT	13+59.50	21.0' LT	7.8
12+95.50	22.5' RT	13+59.50	22.5' RT	7.1
13+59.50	0.0' RT	14+58.00	0.0' RT	281.1
14+58.00	0.0' RT	16+78.19	0.0' RT	143.5
16+84.33	0.0' RT	17+49.10	0.0' RT	44.0
16+92.79	47.3' LT	17+37.68	42.6' LT	21.0
17+07.13	32.9' RT	17+40.38	49.8' RT	9.4
17+55.06	0.0' RT	17+68.78	0.0' RT	21.7
PROJECT TOTAL				1,000

DRIVEWAY PAVEMENT REMOVAL				
STATION	OFFSET	STATION	OFFSET	SQ YD
12+52.87	23.7' RT	12+67.34	36.0' RT	19.9
PROJECT TOTAL				20

SIDEWALK REMOVAL				
STATION	OFFSET	STATION	OFFSET	SQ FT
10+32.26	32.8' LT	10+63.61	63.9' LT	464.5
10+34.50	27.8' RT	10+68.40	33.4' RT	284.7
10+89.68	84.2' LT	12+27.72	56.5' LT	1,438.7
11+12.17	60.5' RT	12+52.20	38.2' RT	1,790.2
12+55.84	72.4' LT	13+90.34	40.0' LT	2,047.6
12+67.32	23.8' RT	13+90.22	54.0' RT	1,465.7
14+10.48	41.7' LT	16+91.27	47.3' LT	3,459.7
14+22.23	48.1' RT	17+10.29	49.7' RT	3,557.7
17+43.11	31.6' RT	17+61.12	18.2' RT	170.8
17+45.15	32.1' LT	17+66.15	20.2' LT	155.8
PROJECT TOTAL				14,836

COMBINATION CURB AND GUTTER REMOVAL				
STATION	OFFSET	STATION	OFFSET	FOOT
10+32.00	18.9' LT	10+69.20	37.7' LT	47.0
10+32.00	22.4' RT	10+69.00	39.1' RT	49.4
10+98.31	44.9' LT	12+27.57	36.5' LT	152.3
16+72.68	21.1' LT	16+91.27	47.3' LT	39.3
16+75.48	22.4' RT	17+10.29	49.7' RT	51.0
17+37.86	42.0' RT	17+69.92	19.7' RT	41.5
17+40.38	49.8' RT	17+61.11	18.2' RT	43.0
PROJECT TOTAL				424

FILLING EXISTING VAULT				
STATION	OFFSET	STATION	OFFSET	CU YD
15+79.09	33.3' LT	16+19.05	30.3' LT	51.1
16+31.08	33.2' LT	16+47.12	30.8' LT	13.0
PROJECT TOTAL				65

CURB REMOVAL				
STATION	OFFSET	STATION	OFFSET	FOOT
10+42.27	33.7' LT	10+56.82	57.5' LT	41.3
11+11.52	51.6' LT	11+11.70	67.2' LT	64.8
11+15.60	47.2' LT	11+52.38	34.6' LT	58.9
11+57.26	34.9' LT	11+82.68	34.4' LT	26.4
11+91.76	34.6' LT	12+21.26	56.4' LT	51.0
PROJECT TOTAL				243

REMOVE EXISTING BRICK PAVERS				
STATION	OFFSET	STATION	OFFSET	SQ FT
12+56.21	72.4' LT	12+59.40	66.1' LT	17.8
12+56.25	48.3' LT	12+59.43	42.0' LT	17.8
12+73.48	24.8' RT	12+77.64	29.0' RT	15.4
12+99.37	24.7' RT	13+03.58	28.8' RT	14.6
13+24.18	27.2' LT	13+30.35	23.9' LT	16.1
13+24.88	25.2' RT	13+29.16	29.2' RT	15.4
13+51.78	27.2' LT	13+58.02	24.0' LT	15.2
14+38.14	25.5' LT	14+44.11	22.4' LT	17.3
16+56.58	25.5' LT	16+62.63	22.4' LT	16.1
16+78.09	21.2' LT	16+84.16	22.4' RT	266.2
16+92.57	31.5' LT	17+48.81	26.5' LT	324.1
17+01.07	27.1' RT	17+41.39	32.0' RT	226.5
17+49.84	25.7' LT	17+54.56	18.0' RT	257.7
PROJECT TOTAL				1,221

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH				
STATION	OFFSET	STATION	OFFSET	SQ YD
10+32.00	16.9' LT	10+54.50	20.2' RT	94.0
10+60.16	74.6' LT	10+98.80	35.0' LT	137.5
10+64.50	24.7' LT	11+10.50	23.8' RT	251.7
10+70.98	34.5' RT	11+12.11	64.5' RT	115.1
11+20.51	20.7' LT	12+65.50	13.5' RT	657.2
12+28.89	56.5' LT	12+54.88	49.5' LT	86.5
12+75.50	12.0' LT	13+79.50	13.5' RT	425.4
13+90.34	45.0' LT	14+10.48	42.7' LT	19.6
13+89.50	23.5' LT	14+23.00	26.5' RT	170.0
13+91.36	54.0' RT	14+22.22	48.1' RT	48.1
14+33.00	12.0' LT	16+76.50	17.2' RT	1,046.6
16+86.50	22.8' LT	17+46.50	21.6' RT	327.1
16+95.72	47.3' LT	17+40.00	35.3' LT	56.3
17+08.17	34.5' RT	17+39.34	49.8' RT	48.5
17+56.50	20.1' LT	17+74.50	16.7' RT	69.0
PROJECT TOTAL				3,553

SHRUB REMOVAL			
STATION	STATION	OFFSET	EACH
11+35.00	12+39.00	36.0' RT	25
PROJECT TOTAL			25

TREE REMOVAL (UNDER 6 UNITS DIAMETER)		
STATION	OFFSET	UNIT
12+57.59	44.7' LT	4
12+58.11	69.1' LT	3
13+01.33	26.5' RT	5
13+27.34	25.5' LT	4
14+41.52	23.9' LT	5
PROJECT TOTAL		21

TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
STATION	OFFSET	UNIT
12+75.79	26.6' RT	7
13+27.14	27.2' RT	6
13+54.94	25.3' LT	6
16+89.30	45.0' RT	13
PROJECT TOTAL		32

DRAINAGE STRUCTURE TO BE REMOVED		
STATION	OFFSET	EACH
16+75.58	21.1' LT	1
16+90.84	23.0' RT	1
PROJECT TOTAL		2

TEMPORARY RAMP, SPECIAL		
STATION	OFFSET	EACH
11+54.75	27.5' LT	1
12+80.00	12.9' LT	1
13+19.00	22.0' LT	1
13+90.38	30.6' LT	1
14+05.64	38.0' LT	1
14+62.00	22.0' LT	1
14+82.50	22.0' LT	1
15+35.00	22.0' LT	1
15+51.00	13.0' LT	1
12+90.00	21.9' LT	1
16+12.00	22.0' LT	1
16+87.57	25.8' LT	1
11+04.68	44.5' RT	1
12+14.50	23.6' RT	1
12+43.25	14.5' RT	1
14+67.50	23.4' RT	1
15+69.50	23.5' RT	1
16+13.50	23.4' RT	1
16+72.29	17.1' RT	1
14+41.36	13.0' LT	1
15+03.50	22.0' LT	1
15+14.21	22.0' LT	1
16+12.00	22.0' LT	1
16+38.50	23.4' RT	1
16+30.00	23.4' RT	1
PROJECT TOTAL		25

REMOVAL OF LIGHTING UNIT, SALVAGE		
STATION	OFFSET	EACH
9+63.70	24.0' LT	1
10+53.33	25.1' RT	1
11+05.99	48.9' LT	1
11+29.54	25.9' RT	1
11+75.69	25.4' LT	1
12+16.41	26.1' RT	1
12+58.71	61.9' RT	1
12+67.40	24.9' LT	1
13+19.60	24.9' RT	1
13+83.07	25.1' LT	1
14+32.26	24.9' RT	1
14+71.37	25.4' LT	1
15+23.17	25.1' RT	1
15+78.30	25.4' LT	1
16+19.60	24.6' RT	1
16+87.80	31.9' RT	1
17+43.19	44.2' LT	1
PROJECT TOTAL		17

REMOVAL OF POLE FOUNDATION		
STATION	OFFSET	EACH
9+75.00	23.5' LT	1
10+53.33	25.1' RT	1
11+05.99	48.9' LT	1
11+29.54	25.9' RT	1
12+16.41	26.1' RT	1
12+58.71	61.9' RT	1
12+67.40	24.9' LT	1
13+19.60	24.9' RT	1
13+83.07	25.1' LT	1
14+32.26	24.9' RT	1
14+71.37	25.4' LT	1
15+23.17	25.1' RT	1
15+78.30	25.4' LT	1
16+19.60	24.6' RT	1
16+87.80	31.9' RT	1
17+43.19	44.2' LT	1
PROJECT TOTAL		17

REMOVE EXISTING JUNCTION BOX		
STATION	OFFSET	EACH
9+65.43	24.4' LT	1
10+55.08	25.2' RT	1
11+27.94	27.8' RT	1
11+73.40	25.2' LT	1
12+18.89	27.3' RT	1
12+58.43	63.2' LT	1
12+69.26	25.0' LT	1
13+21.60	25.3' RT	1
13+80.75	24.7' LT	1
14+33.79	25.0' RT	1
14+77.53	25.6' LT	1
15+21.25	25.1' RT	1
15+76.18	-25.4	1
16+17.53	24.6' RT	1
16+88.97	43.0' LT	1
16+89.91	32.3' RT	1
PROJECT TOTAL		16

REMOVE EX LIGHTING CONTROLLER AND SALVAGE		
STATION	OFFSET	EACH
17+47.00	44.8' RT	1
PROJECT TOTAL		1

STREET LIGHTING UNIT		
STATION	OFFSET	EACH
11+23.30	25.0' RT	1
11+75.60	23.5' LT	1
14+37.00	24.8' RT	1
PROJECT TOTAL		3

LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP		
STATION	OFFSET	EACH
17+47.00	45.0' RT	1
PROJECT TOTAL		1

LIGHT POLE FOUNDATION, 24" DIAMETER		
STATION	OFFSET	FOOT
9+75.00	23.5' LT	5.0
10+52.83	25.1' RT	5.0
11+05.99	48.9' LT	5.0
11+23.30	25.0' RT	5.0
11+33.30	25.4' LT	5.0
11+75.60	23.5' LT	5.0
12+06.45	25.4' LT	5.0
12+38.00	27.0' RT	5.0
12+58.71	67.9' LT	5.0
12+59.17	24.5' LT	5.0
12+91.36	27.0' RT	5.0
13+27.50	25.5' LT	5.0
13+63.72	27.0' RT	5.0
14+37.00	24.8' RT	5.0
14+79.00	25.5' LT	5.0
15+17.00	27.0' RT	5.0
15+78.50	25.5' LT	5.0
16+17.00	27.0' RT	5.0
16+45.50	25.5' LT	5.0
16+88.40	31.0' RT	5.0
17+44.32	41.4' LT	5.0
PROJECT TOTAL		105

RECEPTACLE OUTLET		
STATION	OFFSET	EACH
11+10.92	48.5' RT	1
11+34.81	22.8' RT	1
12+48.58	22.8' RT	1
12+55.14	40.2' LT	1
12+79.00	22.8' RT	1
12+85.00	21.3' LT	1
13+14.00	26.3' LT	1
13+14.00	27.8' RT	1
13+41.00	26.3' LT	1
13+41.00	27.8' RT	1
13+64.67	21.3' LT	1
13+72.33	22.8' RT	1
14+45.00	21.3' LT	1
14+46.83	22.8' RT	1
15+01.00	26.3' LT	1
15+45.00	21.3' RT	1
15+51.00	19.8' LT	1
16+01.00	26.3' LT	1
16+51.50	22.8' RT	1
16+57.00	21.3' LT	1
16+99.46	47.6' RT	1
PROJECT TOTAL		21

HANDHOLE (SPECIAL)		
STATION	OFFSET	EACH
10+59.43	29.5' RT	1
10+66.28	44.8' LT	1
11+00.67	48.2' LT	1
11+23.31	30.0' RT	1
11+33.29	30.0' LT	1
12+06.36	30.1' LT	1
12+37.99	30.0' RT	1
12+60.63	27.5' LT	1
12+60.74	67.7' LT	1
12+91.39	30.0' RT	1

UNDERGROUND CONDUIT, PVC, 1" DIA.			
ID NO	FROM	TO	FOOT
LIGHTING BRANCH CIRCUITS			
LE1	HH1	LE1	10.2
L2	HH3	L2	17.3
L3	HH3	L3	54.5
L4	HH4	L4	2.0
L5	HH5	L5	7.8
L6	HH6	L6	2.0
L7	HH7	L7	2.0
L8	HH8	L8	2.0
L9	HH9	L9	4.0
L10	HH10	L10	9.5
L11	HH11	L11	3.5
LE12	HH12	LE12	4.5
L13	HH13	L13	24.1
L14	HH14	L14	1.0
L15	H15	L15	1.0
L16	HH16	L16	3.0
L17	HH17	L17	1.0
L18	HH18	L18	2.5
L19	HH19	L19	1.4
L20	H20	L20	3.5
L21	H21	L21	3.5
L22	H22	L22	4.4
L23	HH23	L23	102.7
RECEPTACLE BRANCH CIRCUITS			
R1	HH2	R1	7.5
R2	HH3	R2	23.0
R3	H4	R3	34.3
R4	HH5	R4	6.8
R5	HH6	R5	11.1
R6	HH6	R6	20.3
R7	HH7	R7	19.9
R8	HH7	R8	11.2
R9	HH8	R9	15.4
R10	HH9	R10	16.3
R11	HH9	R11	21.6
R12	HH13	R12	16.4
R13	HH14	R13	18.7
R14	HH14	R14	32.3
R15	HH15	R15	18.2
R16	HH15	R16	37.3
R17	HH16	R17	11.1
R18	HH17	R18	9.7
R19	HH17	R19	9.7
R20	HH18	R20	27.7
R21	HH18	R21	15.3
PROJECT TOTAL			652

UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.			
ID NO	FROM	TO	FOOT
CONDUIT RUN 1 - LIGHTING FEEDER			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G4	HH3	HH4	151.2
G5	HH4	HH5	73.7
G6	HH5	HH6	75.7
G7	HH6	HH7	70.4
G8	HH7	HH8	51.4
G9	HH8	HH9	112.7
G10	HH9	HH10	61.9
G11	HH12	HH11	60.2
G12	HH13	HH12	20.4
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
G15	HH14	HH15	97.5
G16	HH15	HH16	101.4
G17	HH16	HH17	46.1
G18	HH17	HH18	64.9
G19	HH18	HH19	36.4
G20	HH18	HH20	52.5
G21	HH20	HH21	71.2
G22	HH21	HH22	40.0
G23	HH22	HH23	32.6
CONDUIT RUN 2 - RECEPTACLE FEEDER 1			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G4	HH3	HH4	151.2
G5	HH4	HH5	73.7
CONDUIT RUN 3 - RECEPTACLE FEEDER 2			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G4	HH3	HH4	151.2
G5	HH4	HH5	73.7
G6	HH5	HH6	75.7
G7	HH6	HH7	70.4
CONDUIT RUN 4 - RECEPTACLE FEEDER 3			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
CONDUIT RUN 5 - RECEPTACLE FEEDER 4			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5

UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.			
ID NO	FROM	TO	FOOT
CONDUIT RUN 6 - RECEPTACLE FEEDER 5			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
G15	HH14	HH15	97.5
G16	HH15	HH16	101.4
G17	HH16	HH17	46.1
G18	HH17	HH18	64.9
CONDUIT RUN 7 - RECEPTACLE FEEDER 6			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
G15	HH14	HH15	97.5
G16	HH15	HH16	101.4
G17	HH16	HH17	46.1
G18	HH17	HH18	64.9
CONDUIT RUN 8 - IRRIGATION FEEDER			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
G15	HH14	HH15	97.5
G16	HH15	HH16	101.4
G17	HH16	HH17	46.1
G18	HH17	HH18	64.9
CONDUIT RUN 8 - IRRIGATION FEEDER			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
G15	HH14	HH15	97.5
G16	HH15	HH16	101.4
G17	HH16	HH17	46.1
G18	HH17	HH18	64.9
SPARE CONDUITS			
G10	HH9	HH10	61.9
G11	HH12	HH11	60.2
G12	HH13	HH12	20.4
G19	HH18	HH19	36.4
G20	HH18	HH20	52.5
G21	HH20	HH21	71.2
G22	HH21	HH22	40.0
G23	HH22	HH23	32.6
PROJECT TOTAL			4,915

UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA			
ID NO	FROM	TO	FOOT
C2	HH1	HH2	138.8
C6	HH5	HH6	70.0
C8	HH7	HH8	23.1
C10	HH9	HH10	52.3
C11	HH3	HH13	40.7
C13	HH11	HH12	156.3
C16	HH15	HH16	59.0
C20	HH18	HH20	32.2
C23	HH23	HH24	32.2
PROJECT TOTAL			605

ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6			
ID NO	FROM	TO	FOOT
CONDUIT RUN 8 - IRRIGATION FEEDER			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
G15	HH14	HH15	97.5
G16	HH15	HH16	101.4
G17	HH16	HH17	46.1
G18	HH17	HH18	64.9
GIRC	HH18	IRC1	26.0
HH SLACK	9 HH	3 FT/HH	27.0
PROJECT TOTAL			586

ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 4, 1/C NO. 6 GROUND			
ID NO	FROM	TO	FOOT
CONDUIT RUN 2 - RECEPTACLE FEEDER 1			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G4	HH3	HH4	151.2
G5	HH4	HH5	73.7
HH SLACK	5 HH	3 FT/HH	15.0
CONDUIT RUN 5 - RECEPTACLE FEEDER 4			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
HH SLACK	5 HH	3 FT/HH	15.0
PROJECT TOTAL			555

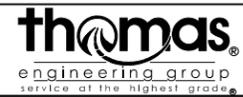
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2, 1/C NO. 6 GROUND			
ID NO	FROM	TO	FOOT
CONDUIT RUN 3 - RECEPTACLE FEEDER 2			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G4	HH3	HH4	151.2
G5	HH4	HH5	73.7
G6	HH5	HH6	75.7
G7	HH6	HH7	70.4
HH SLACK	7 HH	3 FT/HH	21.0
CONDUIT RUN 6 - RECEPTACLE FEEDER 5			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
G15	HH14	HH15	97.5
G16	HH15	HH16	101.4
HH SLACK	7 HH	3 FT/HH	21.0
PROJECT TOTAL			912

ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10			
ID NO	FROM	TO	FOOT
LIGHTING BRANCH CIRCUITS			
LE1	HH1	LE1	60.2
L2	HH3	L2	42.3
L3	HH3	L3	79.5
L4	HH4	L4	27.0
L5	HH5	L5	57.8
L6	HH6	L6	27.0
L7	HH7	L7	27.0
L8	HH8	L8	27.0
L9	HH9	L9	54.0
L10	HH10	L10	34.6
L11	HH11	L11	28.5
LE12	HH12	LE12	54.5
L13	HH13	L13	49.1
L14	HH14	L14	26.0
L15	H15	L15	26.0
L16	HH16	L16	53.0
L17	HH17	L17	26.0
L18	HH18	L18	27.6
L19	HH19	L19	26.4
L20	H20	L20	28.6
L21	H21	L21	28.6
L22	H22	L22	29.4
L23	HH23	L23	127.7
RECEPTACLE BRANCH CIRCUITS			
R1	HH2	R1	7.6
R2	HH3	R2	23.0
R3	H4	R3	34.3
R4	HH5	R4	6.8
R5	HH6	R5	11.1
R6	HH6	R6	20.3
R7	HH7	R7	19.9
R8	HH7	R8	11.2
R9	HH8	R9	15.4
R10	HH9	R10	16.3
R11	HH9	R11	21.6
R12	HH13	R12	16.4
R13	HH14	R13	18.7
R14	HH14	R14	32.3
R15	HH15	R15	18.2
R16	HH15	R16	37.3
R17	HH16	R17	11.1
R18	HH17	R18	9.7
R19	HH17	R19	9.7
R20	HH18	R20	27.7
R21	HH18	R21	15.3
PROJECT TOTAL			1,352

ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1, 1/C NO. 6 GROUND			
ID NO	FROM	TO	FOOT
CONDUIT RUN 4 - RECEPTACLE FEEDER 3			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G4	HH3	HH4	151.2
G5	HH4	HH5	73.7
G6	HH5	HH6	75.7
G7	HH6	HH7	70.4
G8	HH7	HH8	51.4
G9	HH8	HH9	112.7
HH SLACK	9 HH	3 FT/HH	27.0
CONDUIT RUN 7 - RECEPTACLE FEEDER 6			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
G15	HH14	HH15	97.5
G16	HH15	HH16	101.4
G17	HH16	HH17	46.1
G18	HH17	HH18	64.9
HH SLACK	9 HH	3 FT/HH	27.0
PROJECT TOTAL			1,199

ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6, 1/C NO. 6 GROUND			
ID NO	FROM	TO	FOOT
CONDUIT RUN 1 - LIGHTING FEEDER			
G1	LC1	HH1	1.0
G2	HH1	HH2	36.2
G3	HH2	HH3	40.1
G4	HH3	HH4	151.2
G5	HH4	HH5	73.7
G6	HH5	HH6	75.7
G7	HH6	HH7	70.4
G8	HH7	HH8	51.4
G9	HH8	HH9	112.7
G10	HH9	HH10	61.9
G11	HH12	HH11	60.2
G12	HH13	HH12	20.4
G13	HH3	HH13	55.5
G14	HH13	HH14	89.5
G15	HH14	HH15	97.5
G16	HH15	HH16	101.4
G17	HH16	HH17	46.1
G18	HH17	HH18	64.9
G19	HH18	HH19	36.4
G20	HH18	HH20	52.5
G21	HH20	HH21	71.2
G22	HH21	HH22	40.0
G23	HH22	HH23	32.6
HH SLACK	23 HH	3 FT/HH	69.0
PROJECT TOTAL			1,512

MODEL: Default
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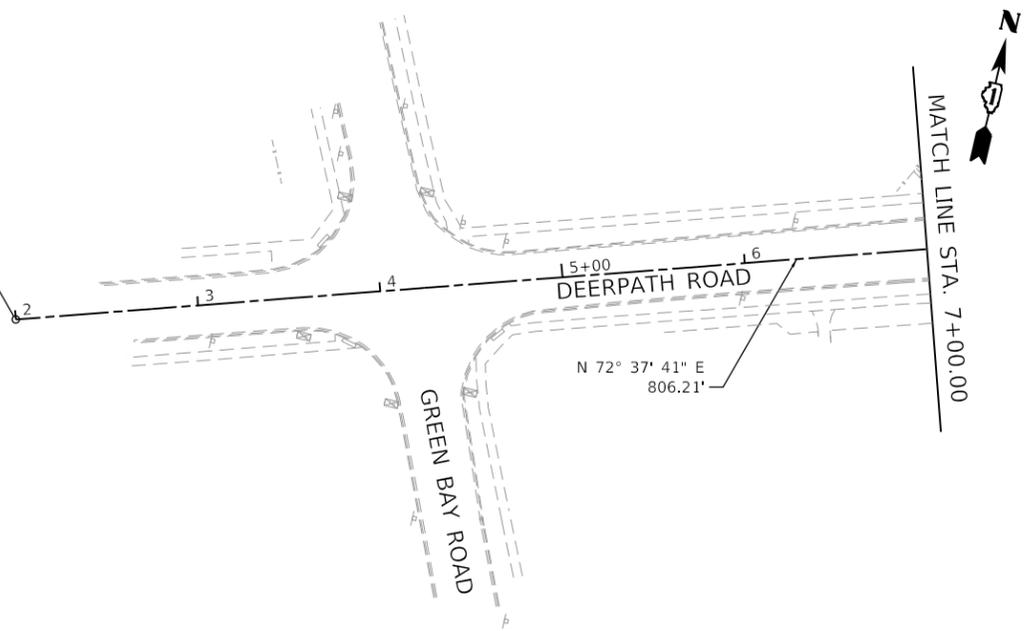
USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

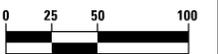
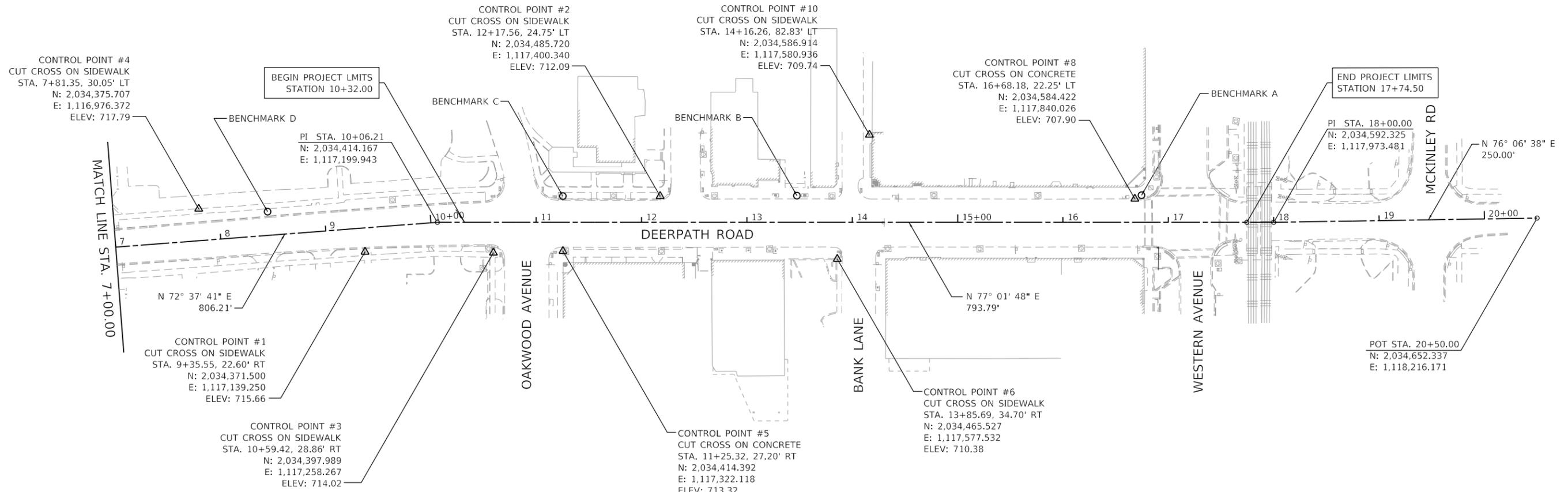
SCALE: NTS SHEET 5 OF 5 SHEETS STA. TO STA.

POT STA. 2+00.00
N: 2,034,173.455
E: 1,116,430.505



BENCHMARKS

- A. ARROW BOLT ON HYDRANT AT NORTHWEST CORNER OF WESTERN AVENUE AND DEERPATH ROAD
ELEV: 709.92
- B. BOLT IN THE MIDDLE OF THE ARROW ON HYDRANT AT NORTHWEST CORNER OF BANK LANE AND DEERPATH ROAD
ELEV: 712.64
- C. ARROW BOLT ON HYDRANT AT NORTHEAST CORNER OF OAKWOOD AVENUE AND DEERPATH ROAD
ELEV: 715.73
- D. ARROW BOLT ON HYDRANT ON NORTH SIDE OF DEERPATH ROAD, ACROSS FROM 179 DEERPATH ROAD
ELEV: 718.65



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: I:\030522-003 Lake Forest Deerpath Streetscape E305_CADD\01_MDD\03_SIT\util-abb-Deerpath-01.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

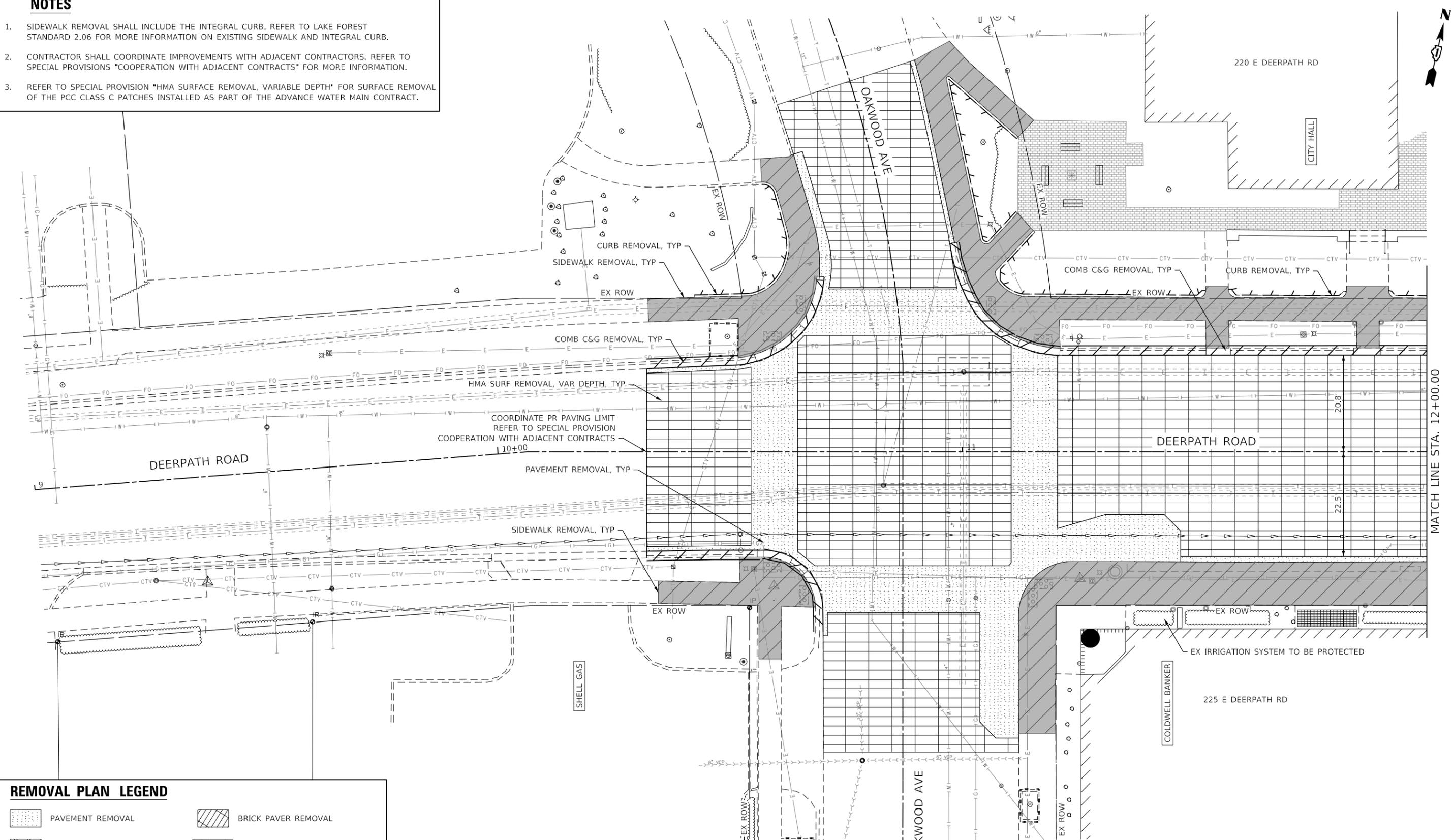
ALIGNMENT AND BENCHMARKS

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 2+00 TO STA. 20+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	20
CONTRACT NO. 61L05				
ILLINOIS		FED. AID PROJECT		

NOTES

1. SIDEWALK REMOVAL SHALL INCLUDE THE INTEGRAL CURB. REFER TO LAKE FOREST STANDARD 2.06 FOR MORE INFORMATION ON EXISTING SIDEWALK AND INTEGRAL CURB.
2. CONTRACTOR SHALL COORDINATE IMPROVEMENTS WITH ADJACENT CONTRACTORS. REFER TO SPECIAL PROVISIONS "COOPERATION WITH ADJACENT CONTRACTS" FOR MORE INFORMATION.
3. REFER TO SPECIAL PROVISION "HMA SURFACE REMOVAL, VARIABLE DEPTH" FOR SURFACE REMOVAL OF THE PCC CLASS C PATCHES INSTALLED AS PART OF THE ADVANCE WATER MAIN CONTRACT.



REMOVAL PLAN LEGEND

	PAVEMENT REMOVAL		BRICK PAVER REMOVAL
	DRIVEWAY PAVMENT REMOVAL		CURB AND GUTTER REMOVAL
	HMA SURF REMOVAL, VAR DEPTH		LINEAR ITEM REMOVAL
	SIDEWALK REMOVAL		ITEM REMOVAL
			6" TREE REMOVAL (SIZE INDICATED)

MODEL: Default
 FILE NAME: I:\projects\2024\003 Lake Forest Deerpath Streetscape E3105_CADD\01_MDD\01_MDD\03_SIT\TentRemovalDeerpath.dgn



USER NAME = Vincem	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
DEERPETH ROAD**

SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. 9+00 TO STA. 12+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	21
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

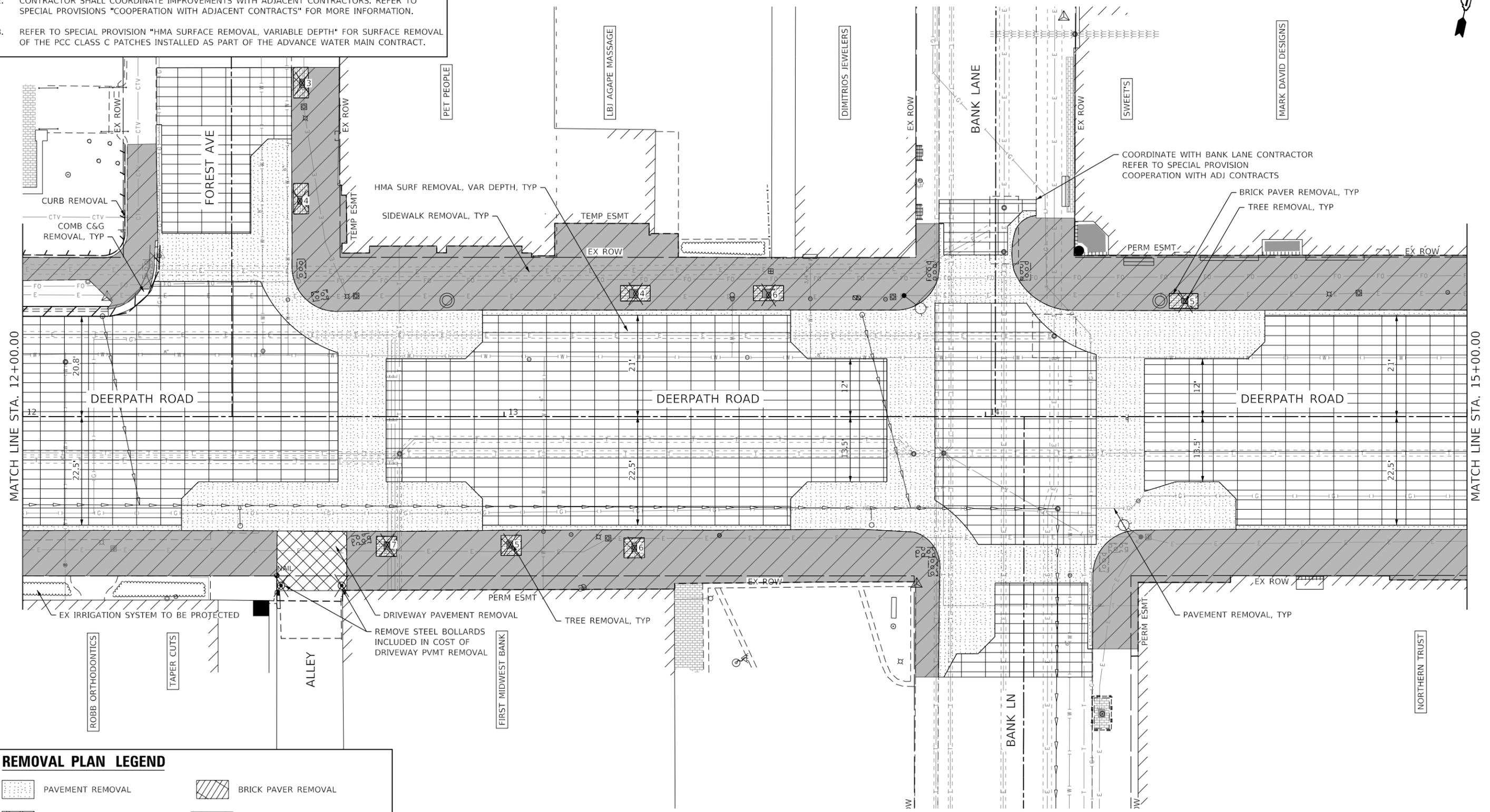


HORIZONTAL SCALE IN FEET

MATCH LINE STA. 12+00.00

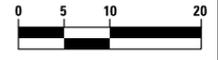
NOTES

1. SIDEWALK REMOVAL SHALL INCLUDE THE INTEGRAL CURB. REFER TO LAKE FOREST STANDARD 2.06 FOR MORE INFORMATION ON EXISTING SIDEWALK AND INTEGRAL CURB.
2. CONTRACTOR SHALL COORDINATE IMPROVEMENTS WITH ADJACENT CONTRACTORS. REFER TO SPECIAL PROVISIONS "COOPERATION WITH ADJACENT CONTRACTS" FOR MORE INFORMATION.
3. REFER TO SPECIAL PROVISION "HMA SURFACE REMOVAL, VARIABLE DEPTH" FOR SURFACE REMOVAL OF THE PCC CLASS C PATCHES INSTALLED AS PART OF THE ADVANCE WATER MAIN CONTRACT.



REMOVAL PLAN LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURF REMOVAL, VAR DEPTH
- SIDEWALK REMOVAL
- BRICK PAVER REMOVAL
- CURB AND GUTTER REMOVAL
- LINEAR ITEM REMOVAL
- ITEM REMOVAL
- 6" TREE REMOVAL (SIZE INDICATED)



HORIZONTAL SCALE IN FEET

MODEL: Default; FILE NAME: T:\Projects\2024\03 Lake Forest Deerpath Streetscape E3105_CADD\01_MDD\03_SIT\plan_remove\Deerpath-02.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

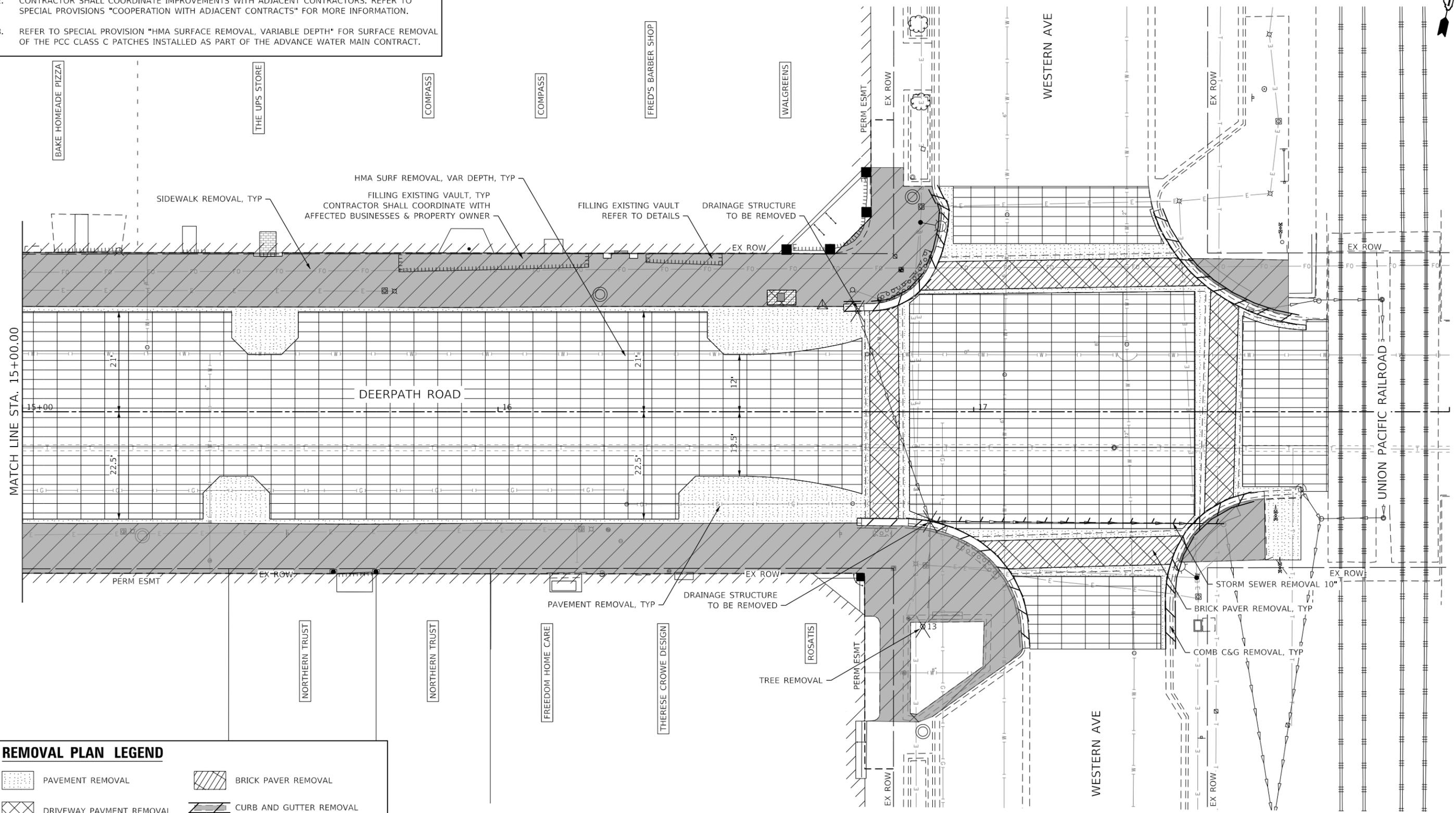
**REMOVAL PLAN
DEERPETH ROAD**

SCALE: 1"=10' SHEET 2 OF 3 SHEETS STA. 12+00 TO STA. 15+00

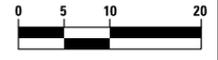
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	22
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

NOTES

1. SIDEWALK REMOVAL SHALL INCLUDE THE INTEGRAL CURB. REFER TO LAKE FOREST STANDARD 2.06 FOR MORE INFORMATION ON EXISTING SIDEWALK AND INTEGRAL CURB.
2. CONTRACTOR SHALL COORDINATE IMPROVEMENTS WITH ADJACENT CONTRACTORS. REFER TO SPECIAL PROVISIONS "COOPERATION WITH ADJACENT CONTRACTS" FOR MORE INFORMATION.
3. REFER TO SPECIAL PROVISION "HMA SURFACE REMOVAL, VARIABLE DEPTH" FOR SURFACE REMOVAL OF THE PCC CLASS C PATCHES INSTALLED AS PART OF THE ADVANCE WATER MAIN CONTRACT.



- | | | | |
|--|-----------------------------|--|-------------------------------|
| | PAVEMENT REMOVAL | | BRICK PAVER REMOVAL |
| | DRIVEWAY PAVMENT REMOVAL | | CURB AND GUTTER REMOVAL |
| | HMA SURF REMOVAL, VAR DEPTH | | LINEAR ITEM REMOVAL |
| | SIDEWALK REMOVAL | | ITEM REMOVAL |
| | | | TREE REMOVAL (SIZE INDICATED) |



HORIZONTAL SCALE IN FEET

MODEL: Default
 FILE NAME: T:\080523\2403 Lake Forest Deerpath Streetscape E3105_CADD\01_MDD03_SIT\plan_remove\Deerpath_03.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
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PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

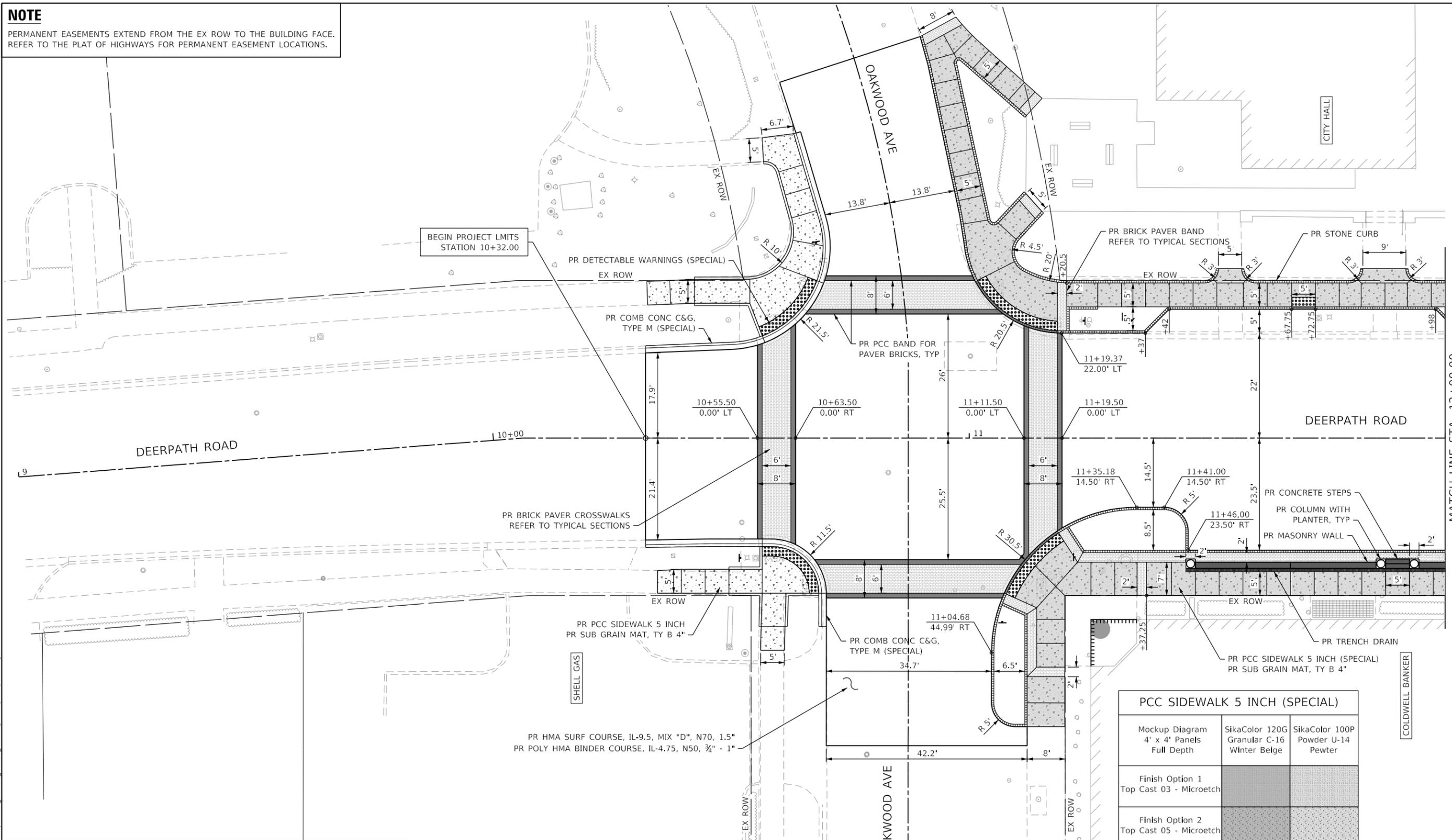
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
DEERPETH ROAD**

SCALE: 1"=10' SHEET 3 OF 3 SHEETS STA. 15+00 TO STA. 18+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	23
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

NOTE
 PERMANENT EASEMENTS EXTEND FROM THE EX ROW TO THE BUILDING FACE.
 REFER TO THE PLAT OF HIGHWAYS FOR PERMANENT EASEMENT LOCATIONS.



PAVING LEGEND

	PR PCC SIDEWALK 5 INCH (SPECIAL) PR SUB GRAN MAT, TY B 4"		PR COMB CONC C&G, TY B-6.12
	PR PCC SIDEWALK 5 INCH PR SUB GRAN MAT, TY B 4"		PR STONE CURB
	PR BRICK PAVERS REFER TO TYPICAL SECTIONS		PR PCC BAND FOR PAVER BRICKS

PCC SIDEWALK 5 INCH (SPECIAL)

Mockup Diagram 4' x 4' Panels Full Depth	SikaColor 120G Granular C-16 Winter Beige	SikaColor 100P Powder U-14 Pewter
Finish Option 1 Top Cast 03 - Microetch		
Finish Option 2 Top Cast 05 - Microetch		
Finish Option 3 Top Cast 03 - Microetch with Particle Seeding		
Finish Option 4 Top Cast 05 - Microetch with Particle Seeding		



HORIZONTAL SCALE IN FEET

MODEL: Default
 FILE NAME: I:\Projects\2024\003 Lake Forest Deerpath Streetscape E2105_CADD\01_MDD\01_SIT\Tent-geometry-Deerpath-01.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

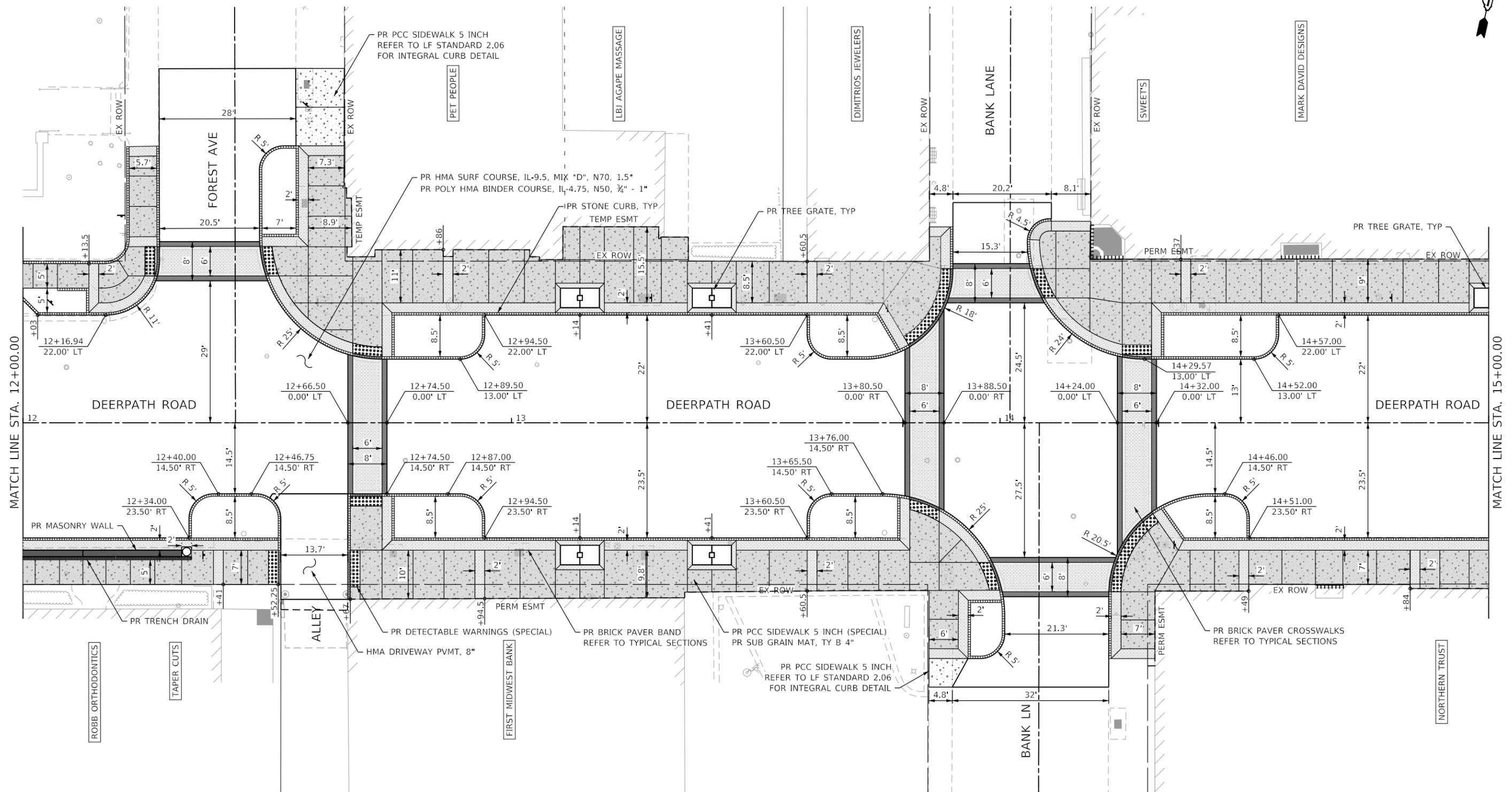
**GEOMETRIC LAYOUT
 DEERPETH ROAD**

SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. 9+00 TO STA. 12+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-0093-00-SW	LAKE	133	24
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

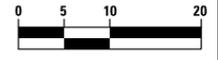
NOTE

PERMANENT EASEMENTS EXTEND FROM THE EX ROW TO THE BUILDING FACE. REFER TO THE PLAT OF HIGHWAYS FOR PERMANENT EASEMENT LOCATIONS.



PAVING LEGEND

	PR PCC SIDEWALK 5 INCH (SPECIAL) PR SUB GRAN MAT, TY B 4"		PR COMB CONC C&G, TY B-6.12
	PR PCC SIDEWALK 5 INCH PR SUB GRAN MAT, TY B 4"		PR STONE CURB
	PR BRICK PAVERS REFER TO TYPICAL SECTIONS		PR PCC BAND FOR PAVER BRICKS



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: I:\Roads\2022-003 Lake Forest Deerpath Streetscape E205_CADD\01_MDD\03_SIT\plan-geometry-Deerpath-02.dgn



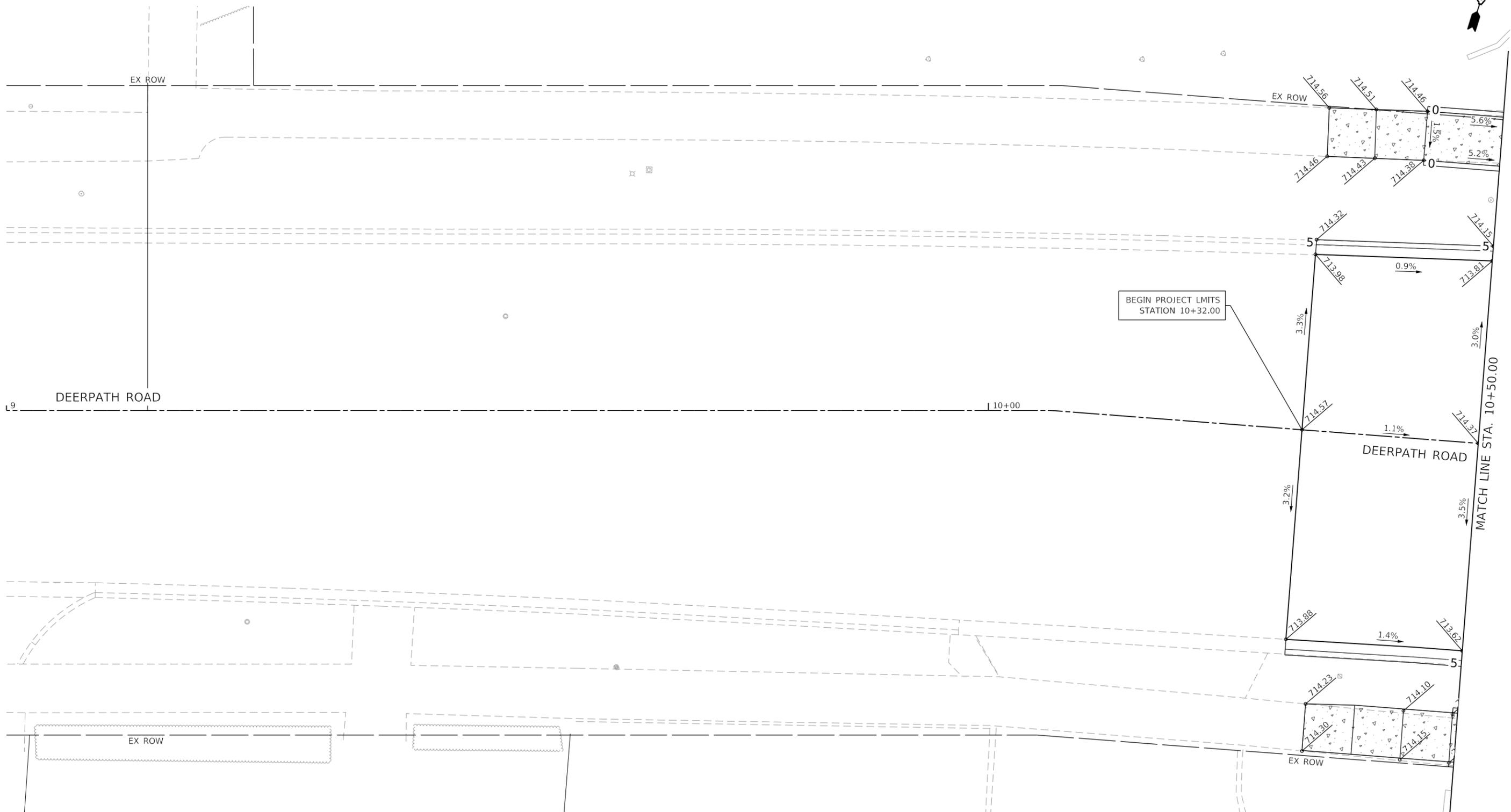
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PLOT SCALE = 20.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC LAYOUT
DEERPETH ROAD**

SCALE: 1"=10' SHEET 2 OF 3 SHEETS STA. 12+00 TO STA. 15+00

F.A.U. RTE. 1245	SECTION 19-00093-00-SW	COUNTY LAKE	TOTAL SHEETS 133	SHEET NO. 25
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



LEGEND

	BUILDING FACE	6	PR CURB HEIGHT
	EX SIDEWALK VAULT		PR ELEVATIONS



MODEL: Default
 FILE NAME: I:\projects\22-003 Lake Forest Deerpath Streetscape E205_CADD\01_MDD\03_SIT\tech-grading-Deerpath01.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

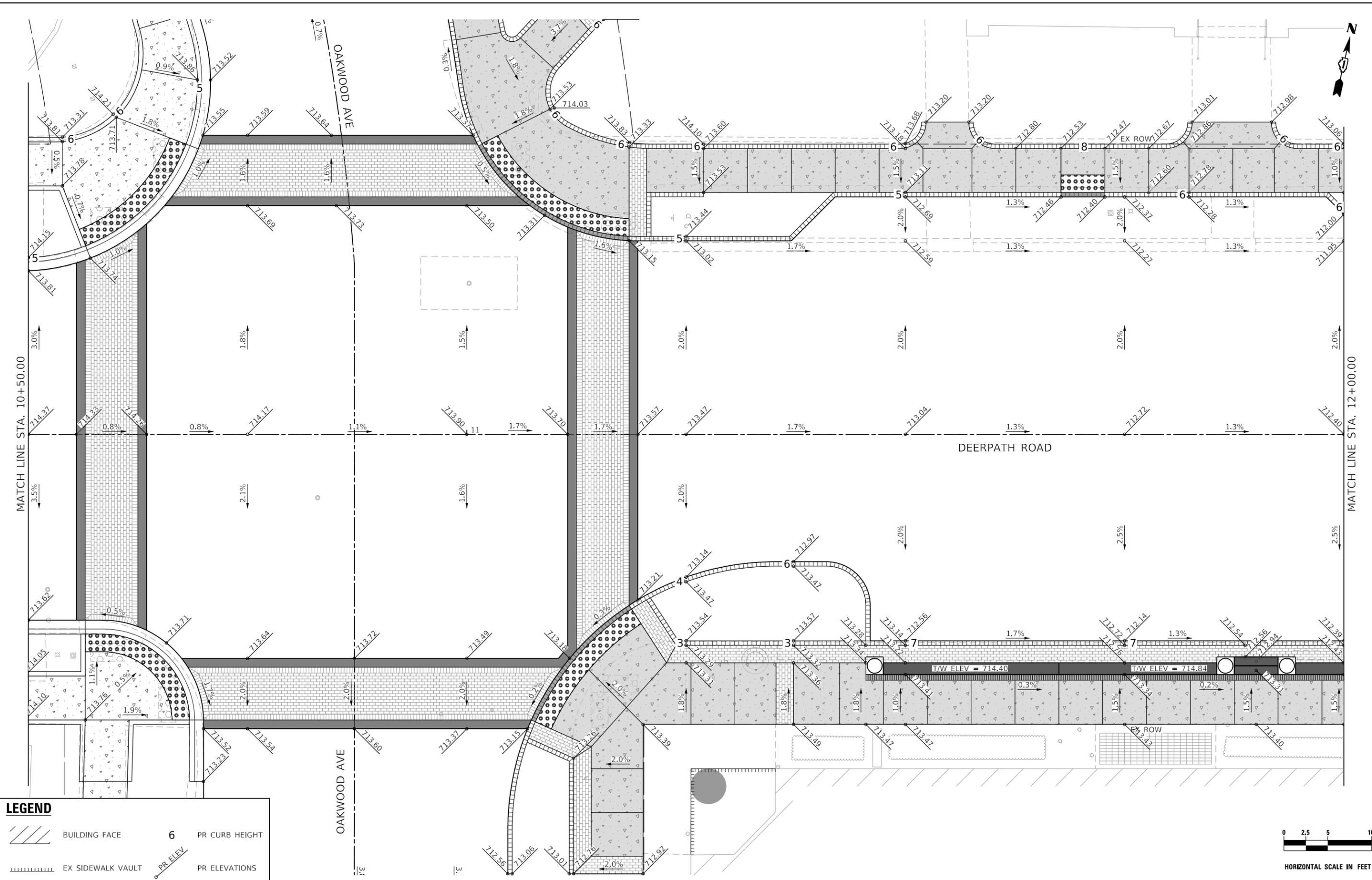
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRADING PLAN
DEERPETH ROAD

SCALE: 1"=5' SHEET 1 OF 8 SHEETS STA. 9+00 TO STA. 10+50

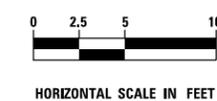
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	27
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	

MODEL: Default
 FILE NAME: I:\projects\22-003 Lake Forest Decatur Streetscape E205_CADD\01_MDD\03_Surfaces\grading\Deerpath2.dgn



LEGEND

	BUILDING FACE	6	PR CURB HEIGHT
	EX SIDEWALK VAULT	PR ELEV	PR ELEVATIONS



thomas engineering group service at the highest grade.	USER NAME = VinceM	DESIGNED - VJM	REVISED -
	PLOT SCALE = 10.0000' / in.	DRAWN - JBH	REVISED -
	PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
		DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

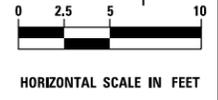
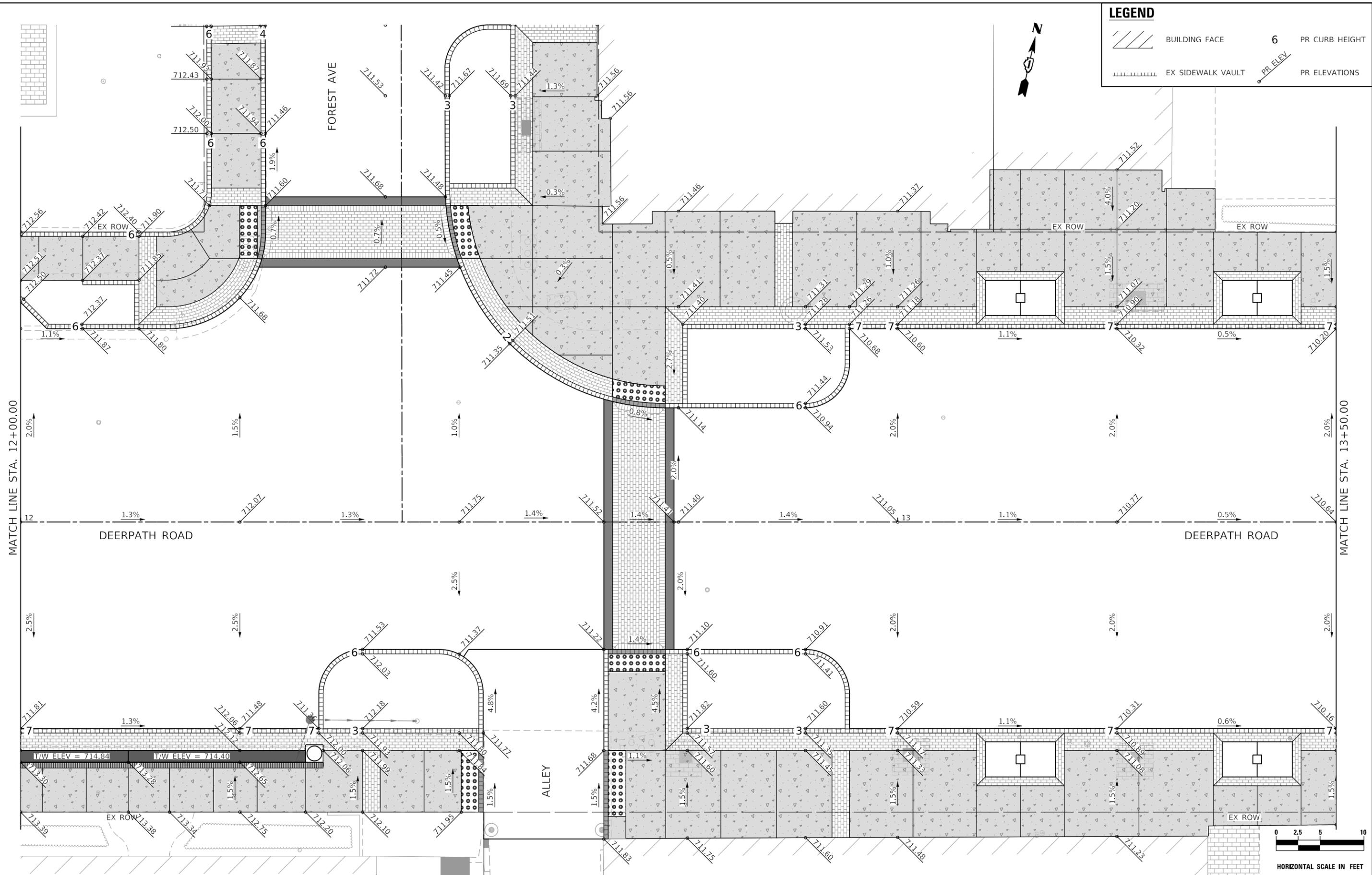
**GRADING PLAN
 DEERPATH ROAD**

SCALE: 1"=5' SHEET 2 OF 8 SHEETS STA. 10+50 TO STA. 12+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	28
CONTRACT NO. 61L05				
ILLINOIS		FED. AID PROJECT		

LEGEND

- BUILDING FACE
- EX ROW
- EX SIDEWALK VAULT
- PR CURB HEIGHT
- PR ELEV
- PR ELEVATIONS



MODEL: Default
 FILE NAME: I:\projects\22-003 Lake Forest Forest Streetscape E205_CADD\01_MDD\03_SIT\utilty-grading-Deerpath03.dgn



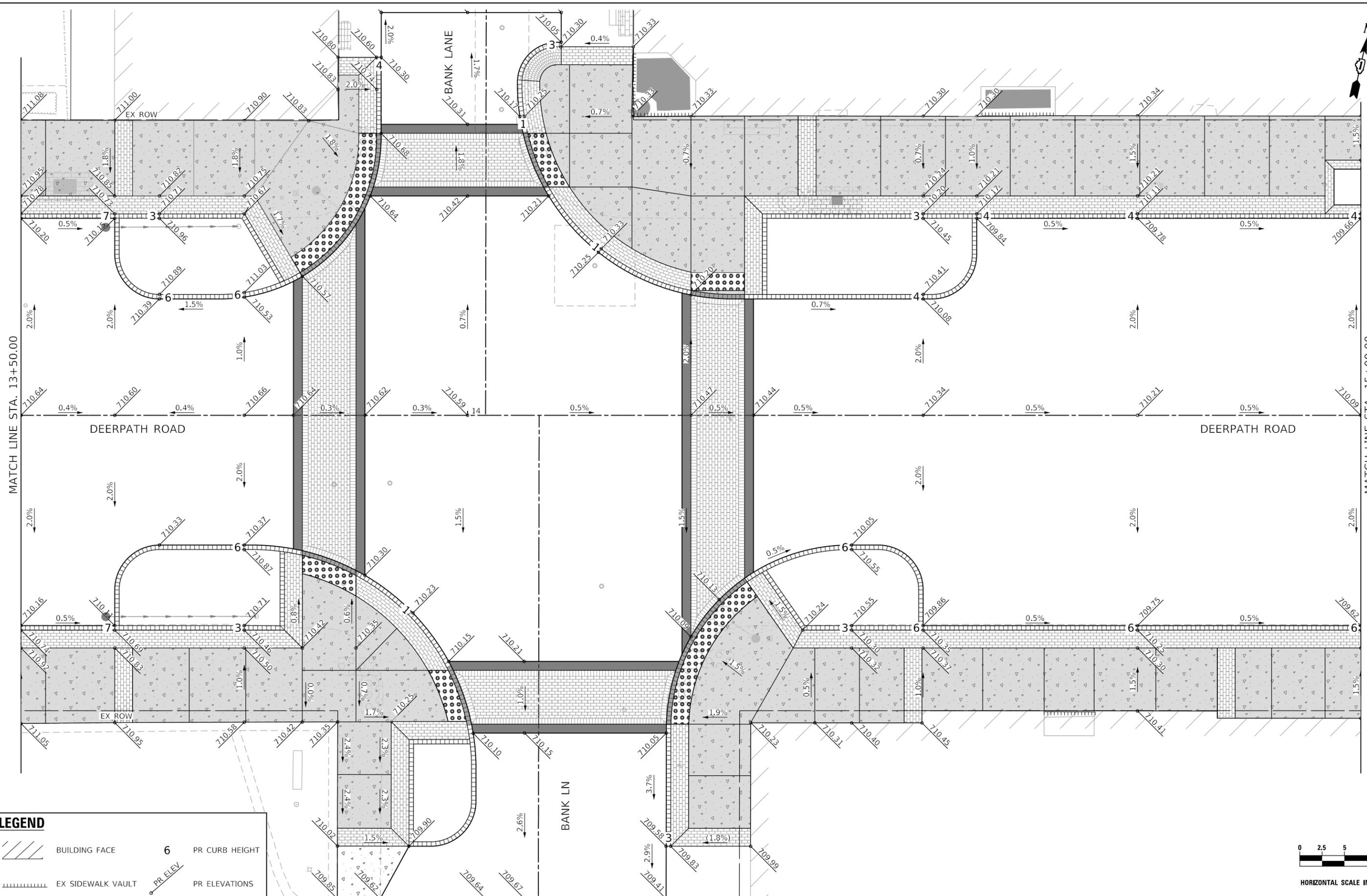
USER NAME = VinceM	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISOR -	REVISED -
CHECKED - KVZ	REVISOR -	REVISED -
DATE - 08/05/2024	REVISOR -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRADING PLAN
DEERPETH ROAD

SCALE: 1"=5' SHEET 3 OF 8 SHEETS STA. 12+00 TO STA. 13+50

F.A.U. RTE. 1245	SECTION 19-00093-00-SW	COUNTY LAKE	TOTAL SHEETS 133	SHEET NO. 29
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



LEGEND

- BUILDING FACE
- EX SIDEWALK VAULT
- PR CURB HEIGHT
- PR ELEVATIONS



MODEL: Default
FILE NAME: I:\projects\22-003 Lake Forest Decerpath Streetscape E2105_CADD\01_MDD\03_SIT\plan\grading\Deerpath04.dgn



USER NAME = VinceM
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 1/4/2025

DESIGNED - VJM
 DRAWN - JBH
 CHECKED - KVZ
 DATE - 08/05/2024

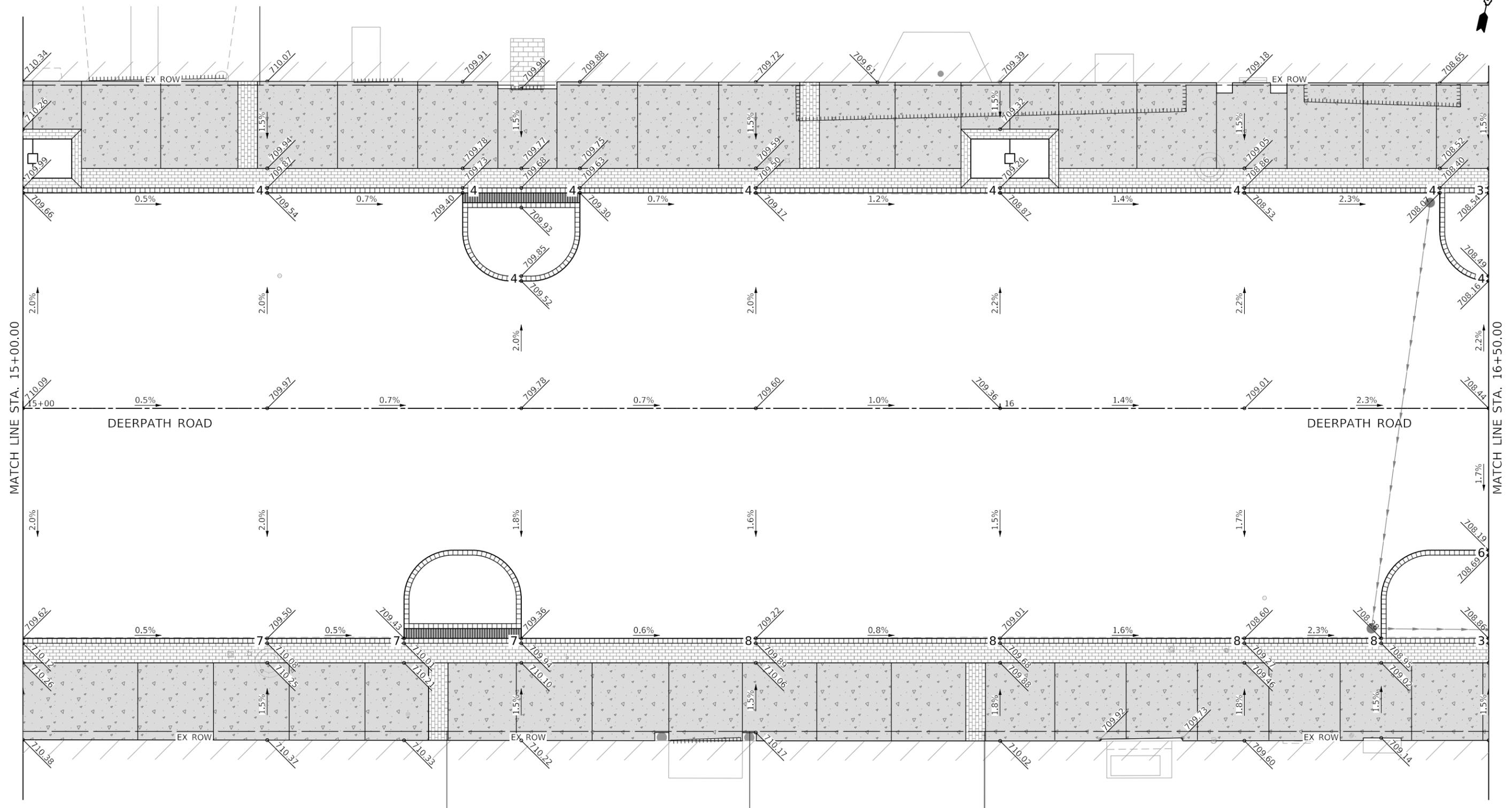
REVISED -
 REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

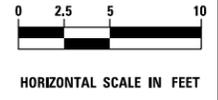
**GRADING PLAN
 DEERPATH ROAD**

SCALE: 1"=5' SHEET 4 OF 8 SHEETS STA. 13+50 TO STA. 15+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	30
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



LEGEND	
	BUILDING FACE
	EX SIDEWALK VAULT
	PR CURB HEIGHT
	PR ELEVATIONS



MODEL: Default
 FILE NAME: I:\projects\22-003 Lake Forest Deerpath Streetscape E205_CADD\01_MDD03_SIT\plan\grading\Deerpath05.dgn



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PLOT DATE = 1/4/2025

DESIGNED - VJM
DRAWN - JBH
CHECKED - KVZ
DATE - 08/05/2024

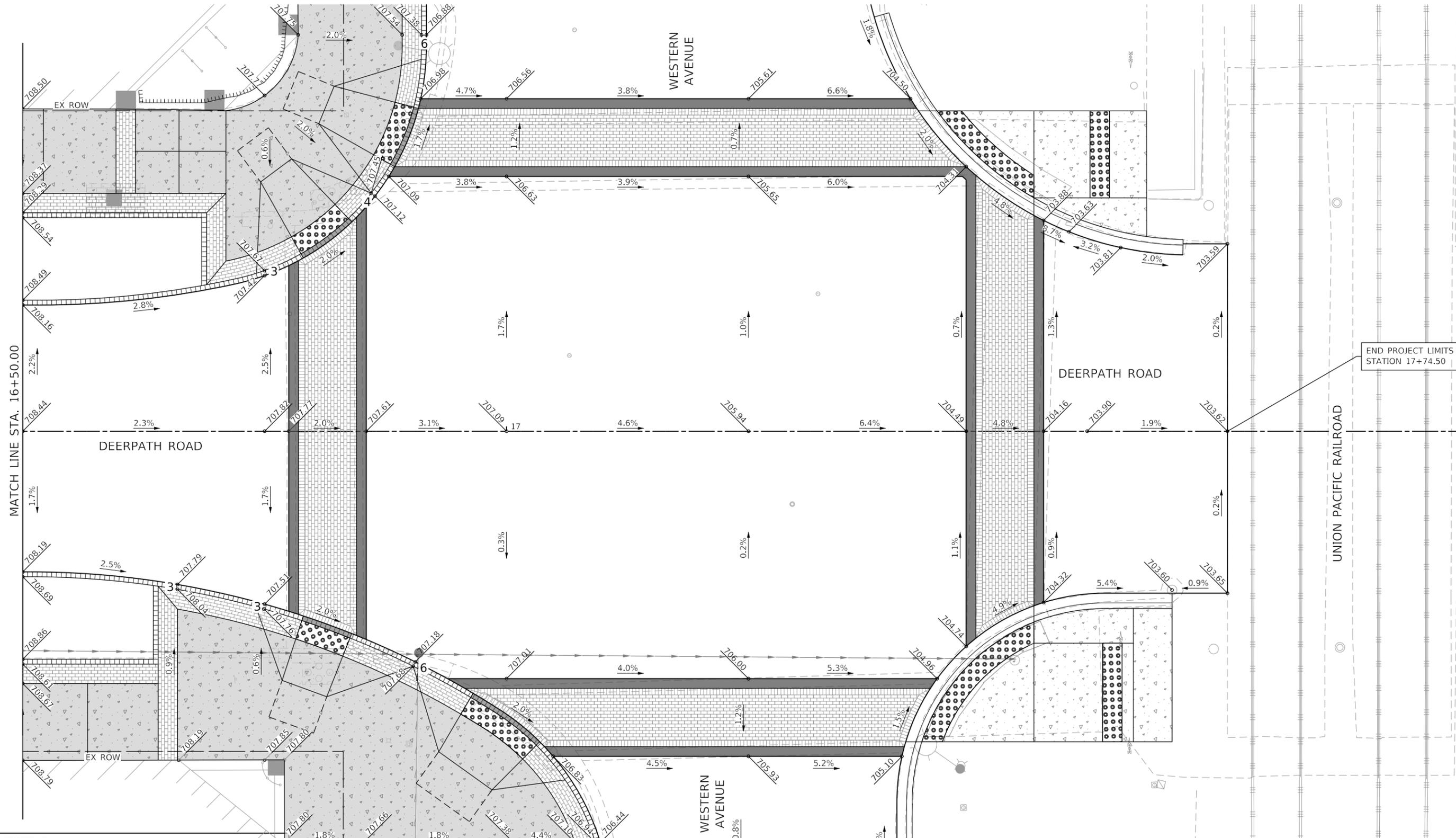
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRADING PLAN
DEERPETH ROAD

SCALE: 1"=5' SHEET 5 OF 8 SHEETS STA. 15+00 TO STA. 16+50

F.A.U. RTE. 1245	SECTION 19-00093-00-SW	COUNTY LAKE	TOTAL SHEETS 133	SHEET NO. 31
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



LEGEND

	BUILDING FACE	6	PR CURB HEIGHT
	EX SIDEWALK VAULT	PR ELEV	PR ELEVATIONS



MODEL: Default
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USER NAME = VinceM
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PLOT DATE = 1/4/2025

DESIGNED - VJM
DRAWN - JBH
CHECKED - KVZ
DATE - 08/05/2024

REVISED -
REVISED -
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REVISED -

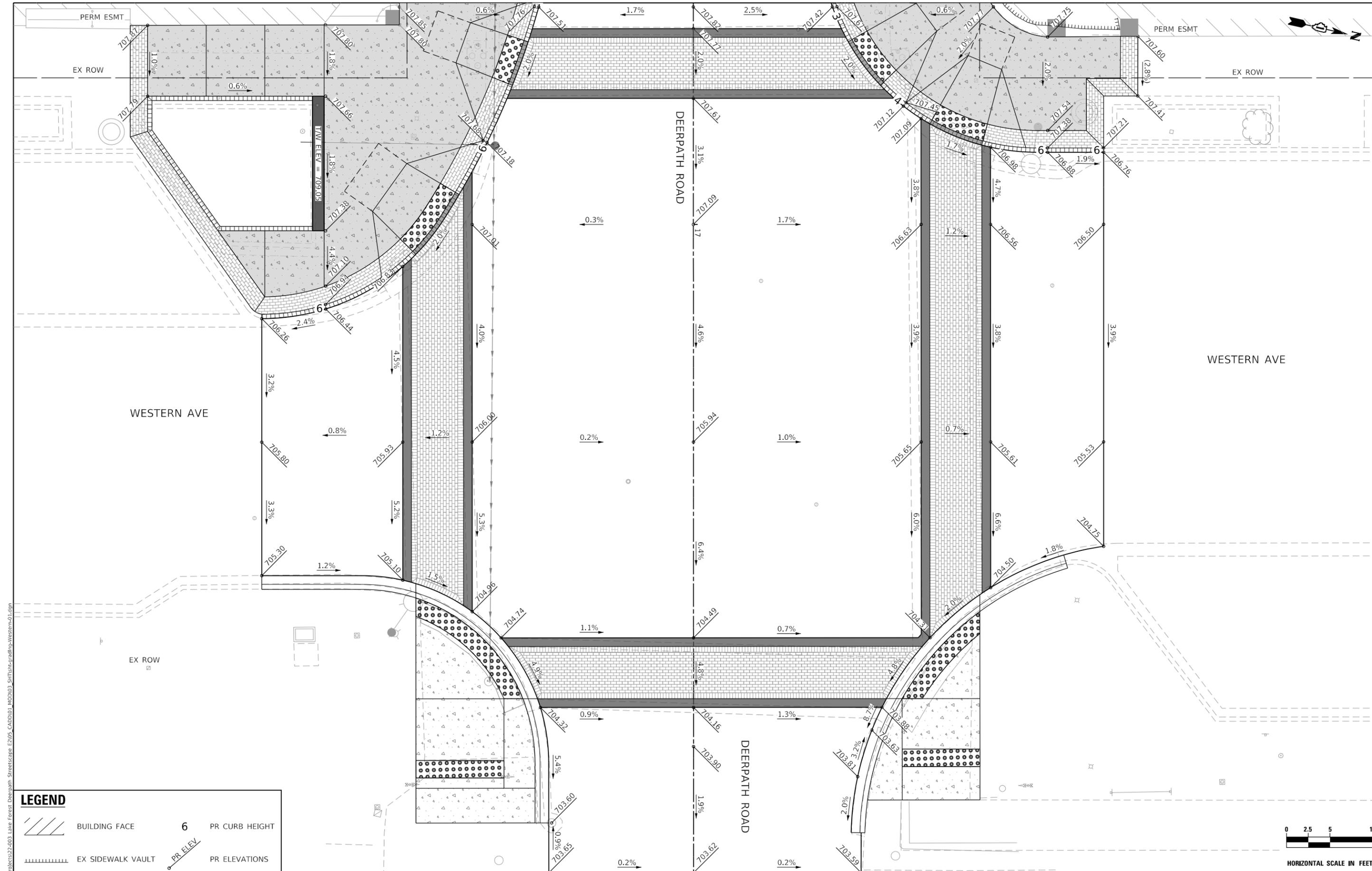
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRADING PLAN
DEERPETH ROAD**

SCALE: 1"=5' SHEET 6 OF 8 SHEETS STA. 16+50 TO STA. 18+00

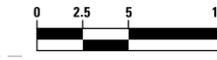
F.A.U. RTE. 1245	SECTION 19-00093-00-SW	COUNTY LAKE	TOTAL SHEETS 133	SHEET NO. 32
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE NAME: I:\Roads\2022-2003 Lake Forest\Deerpath_Street\scops_E2105_CADD\01_MDD\03_SIT\Tech-gradplan-Western-01.dgn



LEGEND

BUILDING FACE
 EX SIDEWALK VAULT
 PR ELEV
 PR CURB HEIGHT
 PR ELEVATIONS



HORIZONTAL SCALE IN FEET



USER NAME = VinceM
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 1/4/2025

DESIGNED - VJM
 DRAWN - JBH
 CHECKED - KVZ
 DATE - 08/05/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GRADING PLAN
 WESTERN AVENUE**

SCALE: 1"=5'
 SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	34
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

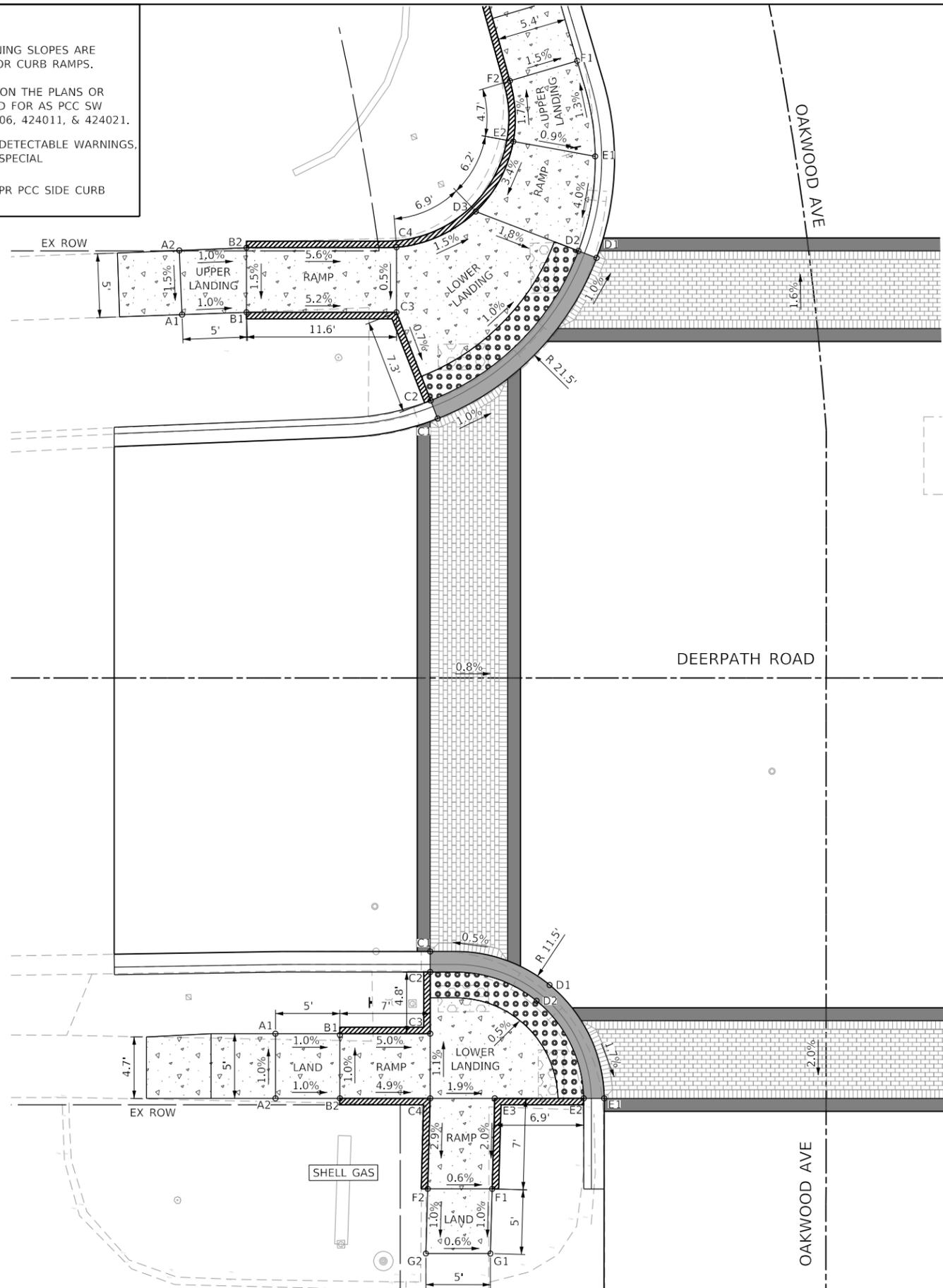
NOTES

- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SW 5 INCH. REFER TO IDOT STANDARDS: 424001, 424006, 424011, & 424021.

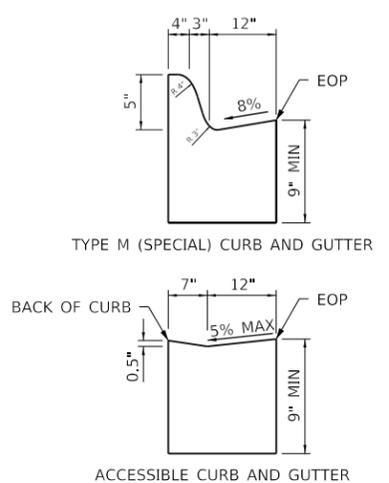


NORTHWEST DEERPATH AND OAKWOOD

POINT	STATION	OFFSET	ELEVATION
A1	10+37.26	28.1' LT	714.43
A2	10+37.05	33.0' LT	714.51
B1	10+42.26	28.3' LT	714.38
B2	10+42.26	33.3' LT	714.46
C1	10+57.08	20.0' LT	713.74
C2	10+56.53	21.4' LT	713.73
C3	10+53.88	28.3' LT	713.78
C4	10+53.88	33.3' LT	713.81
D1	10+69.39	32.5' LT	713.57
D2	10+67.99	33.0' LT	713.56
D3	10+60.03	36.1' LT	713.71
E1	10+69.28	40.3' LT	713.86
E2	10+62.93	41.5' LT	713.92
F1	10+67.89	47.7' LT	713.76
F2	10+62.67	46.2' LT	713.84

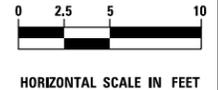
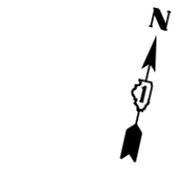


CURB AND GUTTER DETAILS



SOUTHWEST DEERPATH AND OAKWOOD

POINT	STATION	OFFSET	ELEVATION
A1	10+44.50	27.5' RT	714.10
A2	10+44.50	32.5' RT	714.15
B1	10+49.50	27.5' RT	714.05
B2	10+49.50	32.5' RT	714.10
C1	10+56.50	21.2' RT	713.66
C2	10+56.50	22.7' RT	713.65
C3	10+56.50	27.5' RT	713.70
C4	10+56.50	32.5' RT	713.76
D1	10+65.75	23.7' RT	713.71
D2	10+64.75	25.0' RT	713.70
E1	10+69.98	32.5' RT	713.54
E2	10+68.40	32.5' RT	713.53
E3	10+61.50	32.5' RT	713.67
F1	10+61.31	39.5' RT	713.53
F2	10+56.30	39.5' RT	713.56
G1	10+61.16	44.5' RT	713.48
G2	10+56.16	44.5' RT	713.51



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: I:\projects\22-003 Lake Forest Deerpath Streetscape E305_CADD\01_MDD\03_SIT\text-ada-deerpath-01.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PLAN
DEERPATH ROAD**

SCALE: 1"=5' SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 1245	SECTION 19-00093-00-SW	COUNTY LAKE	TOTAL SHEETS 133	SHEET NO. 35
			CONTRACT NO. 61L05	
ILLINOIS FED. AID PROJECT				

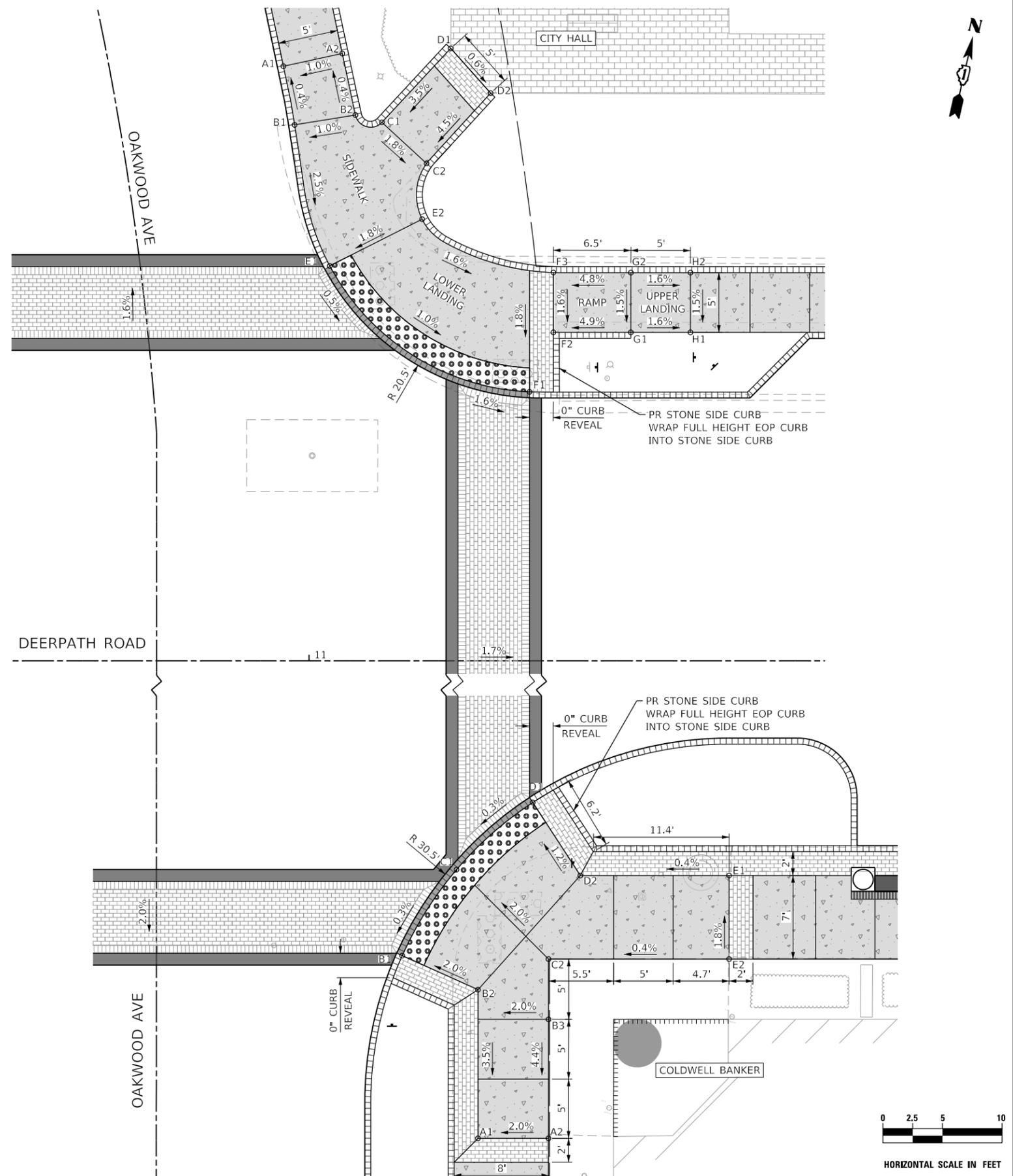
NOTES

- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMP.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS STONE CURB. REFER TO IDOT STANDARDS: 424001, 424006, 424011, 424021, & 424026.

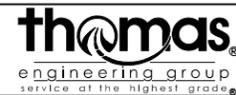
	PR STONE CURB (COBBLES) VARIABLE CURB HEIGHT		PR DETECTABLE WARNINGS (SPECIAL)
	PR STONE CURB (COBBLES) FLUSH WITH PAVEMENT		PR PCC SIDEWALK 5 INCH (SPECIAL)

NORTHEAST DEERPATH AND OAKWOOD			
POINT	STATION	OFFSET	ELEVATION
A1	10+97.84	49.8' LT	713.65
A2	11+02.78	50.9' LT	713.70
B1	10+98.78	44.9' LT	713.67
B2	11+03.89	45.7' LT	713.72
C1	11+06.11	45.1' LT	713.70
C2	11+09.86	41.6' LT	713.61
D1	11+11.88	51.3' LT	714.00
D2	11+15.23	47.5' LT	713.97
E1	11+01.74	33.1' LT	713.37
E2	11+09.49	37.0' LT	713.53
F1	11+18.50	22.5' LT	713.15
F2	11+20.50	27.5' LT	713.21
F3	11+20.50	32.5' LT	713.29
G1	11+27.01	27.5' LT	713.53
G2	11+27.01	32.5' LT	713.60
H1	11+32.01	27.5' LT	713.45
H2	11+32.01	32.5' LT	713.52

SOUTHEAST DEERPATH AND OAKWOOD			
POINT	STATION	OFFSET	ELEVATION
A1	11+14.17	48.0' RT	712.86
A2	11+20.09	48.0' RT	712.98
B1	11+07.81	32.7' RT	713.15
B2	11+14.17	35.6' RT	713.29
B3	11+20.09	38.1' RT	713.42
C1	11+12.37	25.5' RT	713.18
C2	11+20.09	33.0' RT	713.39
D1	11+18.77	19.9' RT	713.21
D2	11+22.77	26.0' RT	713.30
E1	11+35.25	26.0' RT	713.35
E2	11+35.25	33.0' RT	713.48



MODEL: Default
 FILE NAME: I:\06050322-003 Lake Forest Deerpath Streetscape E205_CADD\01_MDD\03_SIT\Tent-ads-deerpath-02.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PLAN
DEERPATH ROAD**

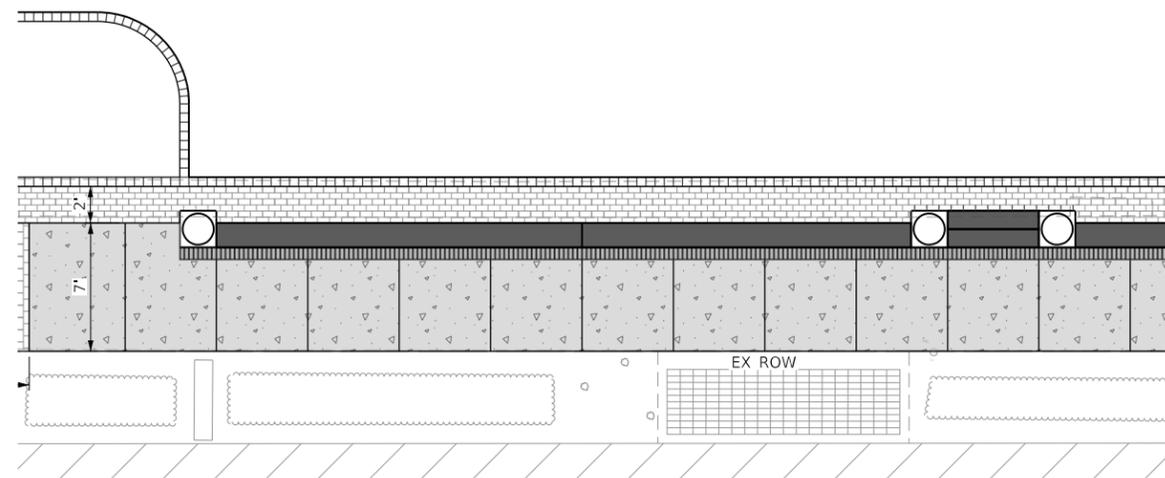
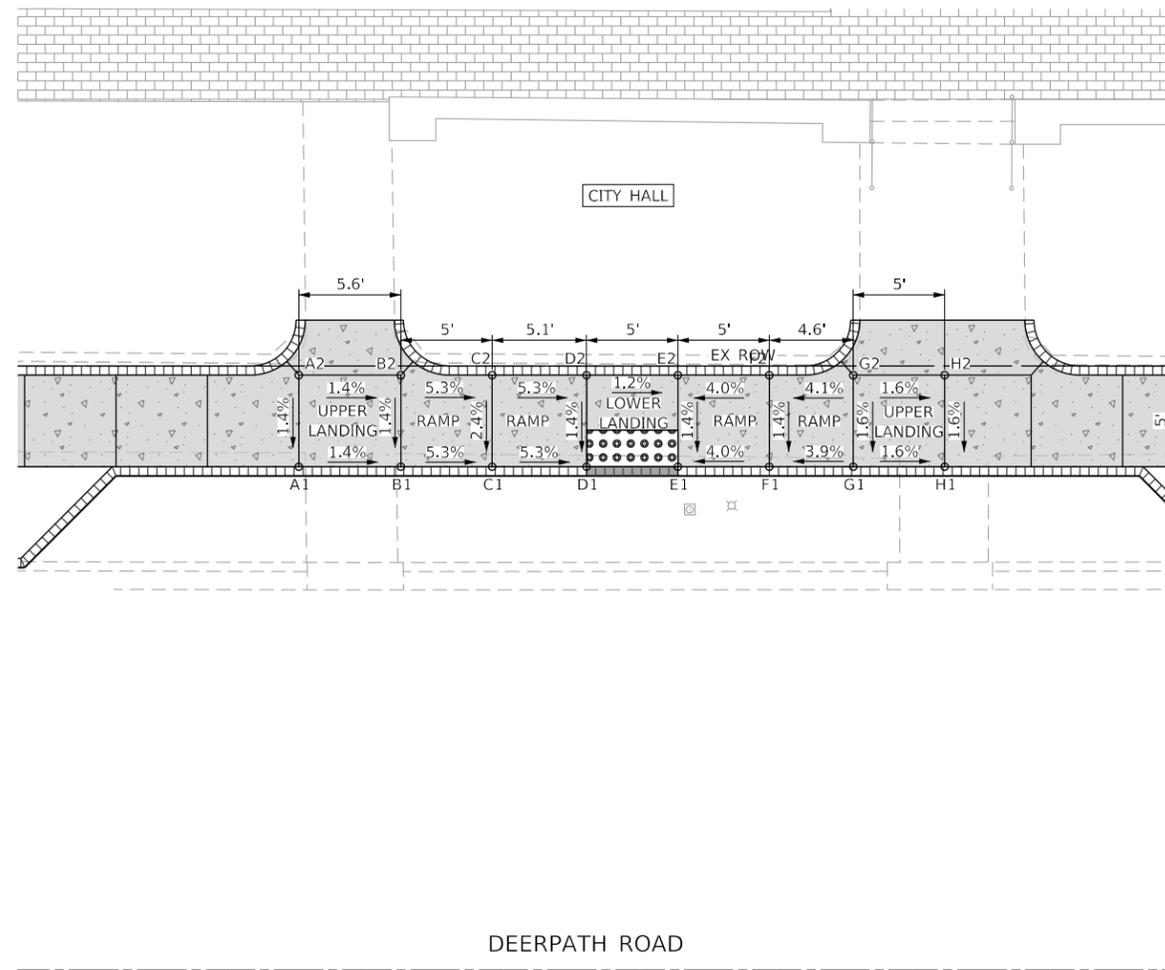
SCALE: 1"=5' SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	36
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



HORIZONTAL SCALE IN FEET

CITY HALL ADA PARKING STALLS			
POINT	STATION	OFFSET	ELEVATION
A1	11+52.01	27.5' LT	713.08
A2	11+52.01	32.5' LT	713.15
B1	11+57.59	27.5' LT	713.00
B2	11+57.59	32.5' LT	713.07
C1	11+62.59	27.5' LT	712.73
C2	11+62.59	32.5' LT	712.80
D1	11+67.75	27.5' LT	712.46
D2	11+67.75	32.5' LT	712.53
E1	11+72.75	27.5' LT	712.40
E2	11+72.75	32.5' LT	712.47
F1	11+77.75	27.5' LT	712.60
F2	11+77.75	32.5' LT	712.67
G1	11+82.34	27.5' LT	712.78
G2	11+82.34	32.5' LT	712.86
H1	11+87.34	27.5' LT	712.71
H2	11+87.34	32.5' LT	712.79



NOTES

- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS STONE CURB. REFER TO IDOT STANDARDS: 424001, 424006, 424011, 424021, & 424026.

	PR STONE CURB (COBBLES) VARIABLE CURB HEIGHT		PR DETECTABLE WARNINGS (SPECIAL)
	PR STONE CURB (COBBLES) FLUSH WITH PAVEMENT		PR PCC SIDEWALK 5 INCH (SPECIAL)



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: I:\projects\22-003 Lake Forest Deerpath Streetscape E205_CADD\01_MDD\03_SIT\text-ada-deerpath-03.dgn



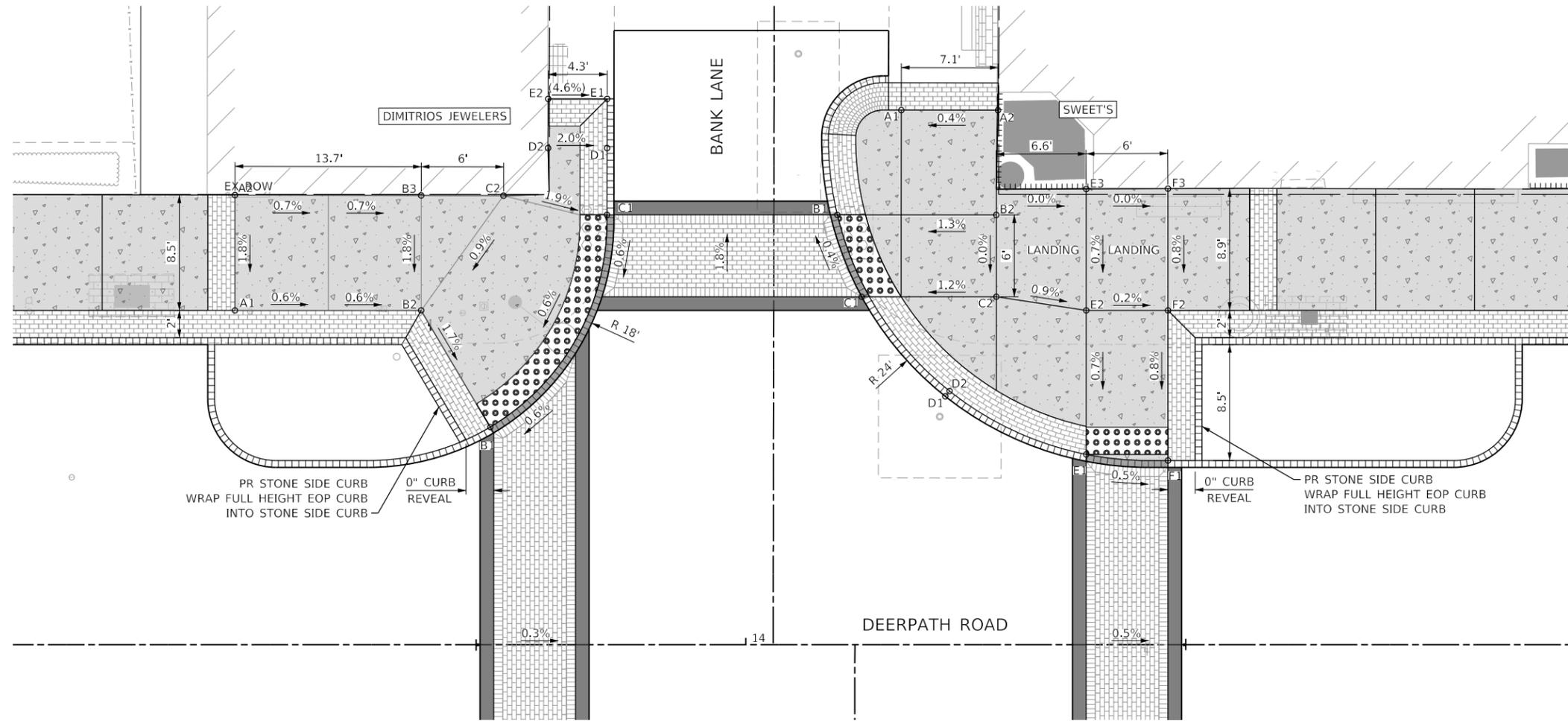
USER NAME = Vincem	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN
DEERPETH ROAD

SCALE: 1"=5' SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	37
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	



NORTHWEST DEERPETH AND BANK

POINT	STATION	OFFSET	ELEVATION
A1	13+62.50	24.5' LT	710.84
A2	13+62.50	33.0' LT	710.99
B1	13+81.24	16.0' LT	710.57
B2	13+76.17	24.5' LT	710.74
B3	13+76.17	32.9' LT	710.89
C1	13+89.81	31.5' LT	710.68
C2	13+82.21	32.9' LT	710.83
D1	13+89.83	36.4' LT	710.74
D2	13+85.49	36.4' LT	710.83
E1	13+89.83	40.0' LT	710.60
E2	13+85.50	40.0' LT	710.80

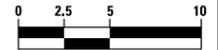
NORTHEAST DEERPETH AND BANK

POINT	STATION	OFFSET	ELEVATION
A1	14+11.42	39.2' LT	710.30
A2	14+18.52	39.2' LT	710.33
B1	14+06.73	31.5' LT	710.18
B2	14+18.40	31.5' LT	710.33
C1	14+08.51	25.5' LT	710.21
C2	14+18.40	25.5' LT	710.33
D1	14+14.65	18.2' LT	710.25
D2	14+14.96	18.6' LT	710.33
E1	14+25.00	14.0' LT	710.20
E2	14+25.00	24.5' LT	710.27
E3	14+25.00	33.4' LT	710.33
F1	14+31.00	13.5' LT	710.17
F2	14+31.00	24.5' LT	710.26
F3	14+31.00	33.4' LT	710.33

NOTES

- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS STONE CURB. REFER TO IDOT STANDARDS: 424001, 424006, 424011, 424021, & 424026.

 PR STONE CURB (COBBLES)	 PR DETECTABLE WARNINGS
 VARIABLE CURB HEIGHT	 (SPECIAL)
 PR STONE CURB (COBBLES) FLUSH WITH PAVEMENT	 PR PCC SIDEWALK 5 INCH (SPECIAL)



HORIZONTAL SCALE IN FEET

MODEL: Default
 FILE NAME: I:\Road\2022-2003 Lake Forest Deerpath Streetscape E205_CADD\01_MDD03_SHT\ent-ada-deerpath-05.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 1/4"=5'	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

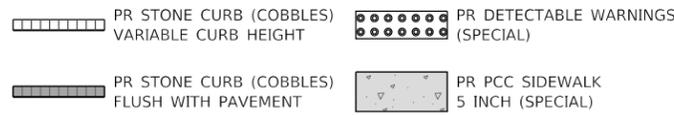
**ADA PLAN
DEERPETH ROAD**

SCALE: 1"=5' SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	39
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

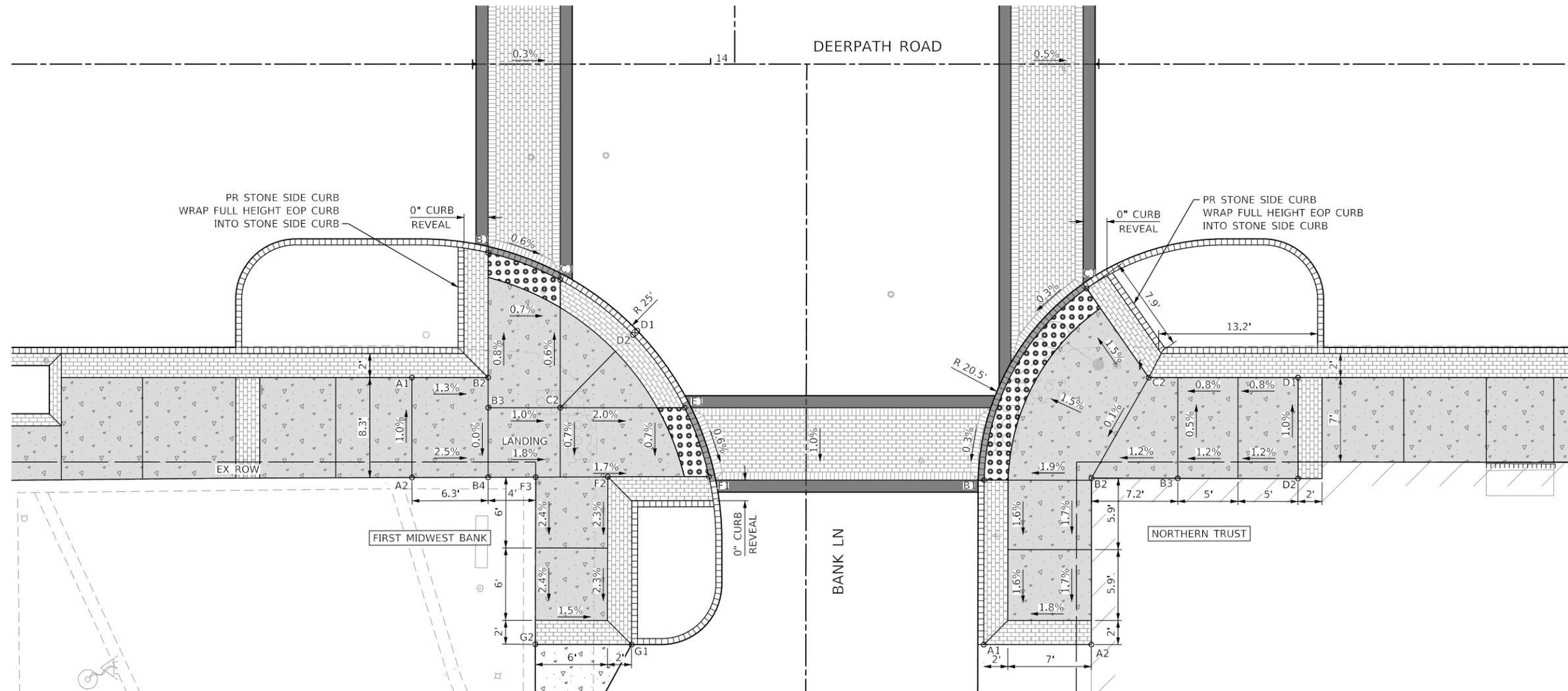
NOTES

- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMP.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS STONE CURB. REFER TO IDOT STANDARDS: 424001, 424006, 424011, 424021, & 424026.



SOUTHWEST DEERPETH AND BANK			
POINT	STATION	OFFSET	ELEVATION
A1	13+75.16	26.0' RT	710.50
A2	13+75.16	34.3' RT	710.58
B1	13+81.50	15.6' RT	710.34
B2	13+81.50	26.0' RT	710.42
B3	13+81.50	28.5' RT	710.42
B4	13+81.49	34.3' RT	710.42
C1	13+87.50	17.9' RT	710.30
C2	13+87.50	28.5' RT	710.36
D1	13+93.91	22.1' RT	710.23
D2	13+93.55	22.5' RT	710.31
E1	13+97.84	28.5' RT	710.15
F1	13+99.87	34.2' RT	710.11
F2	13+91.45	34.2' RT	710.25
F3	13+85.45	34.3' RT	710.35
G1	13+93.43	48.1' RT	709.90
G2	13+85.43	48.1' RT	710.02

SOUTHEAST DEERPETH AND BANK			
POINT	STATION	OFFSET	ELEVATION
A1	14+22.73	48.1' RT	709.83
A2	14+31.67	48.1' RT	709.99
B1	14+22.76	34.5' RT	710.06
B2	14+31.69	34.3' RT	710.23
B3	14+38.87	34.4' RT	710.31
C1	14+31.29	18.6' RT	710.11
C2	14+36.46	26.0' RT	710.24
D1	14+48.87	26.0' RT	710.35
D2	14+48.87	34.4' RT	710.43



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: I:\projects\22-003 Lake Forest Deerpath Streetscape E205_CADD\01_MDD\03_SIT\Tent-ads-deerpath-06.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 10.0000' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

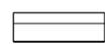
ADA PLAN
DEERPETH ROAD

SCALE: 1"=5' SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	40
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

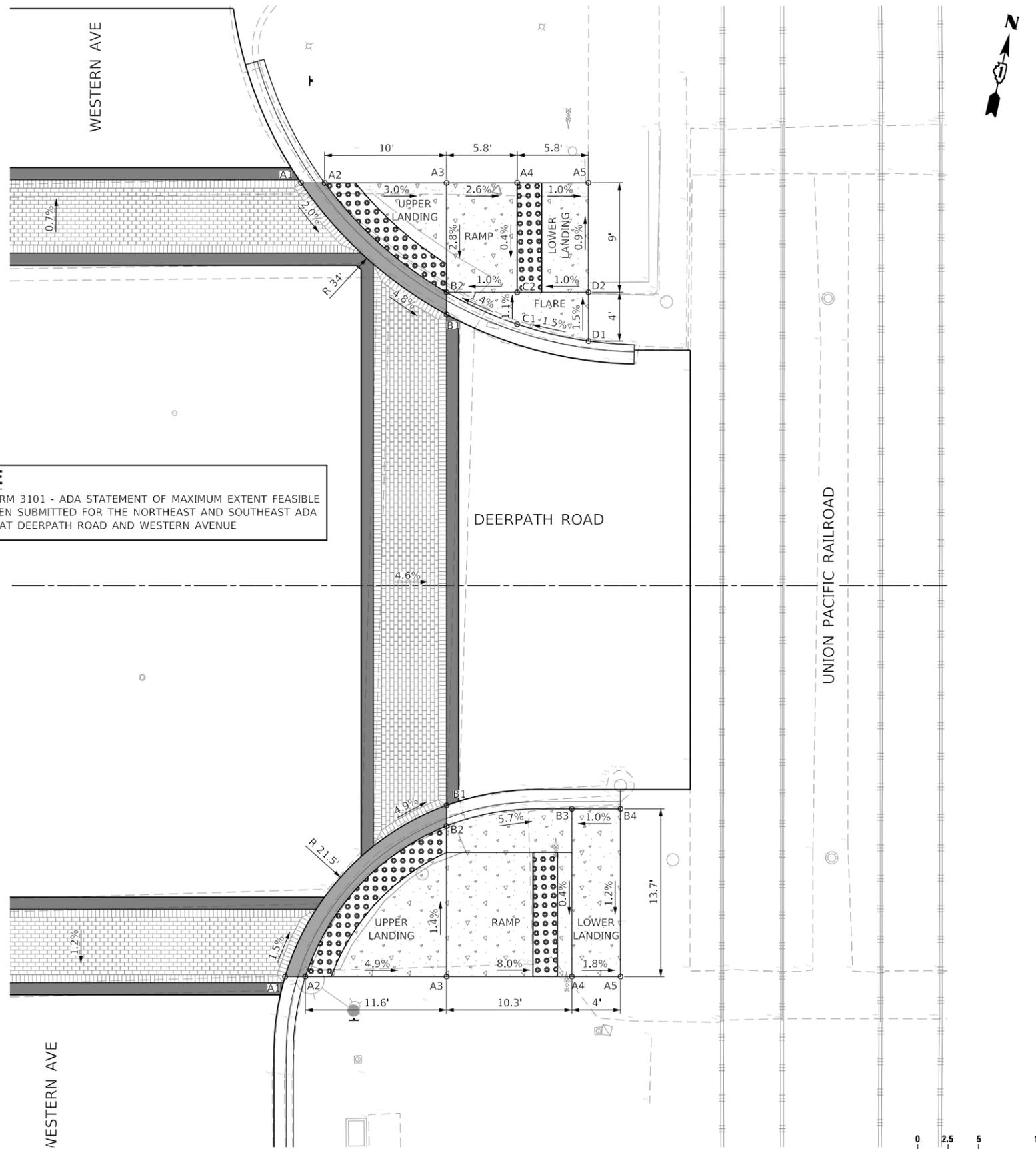
NOTES

- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SW 5 INCH. REFER TO IDOT STANDARDS: 424001, 424006, 424011, & 424021.

 ACCESSIBLE C&G	 DETECTABLE WARNINGS, SPECIAL
 COMB CONC C&G, TYPE M (SPECIAL)	 PR PCC SIDE CURB

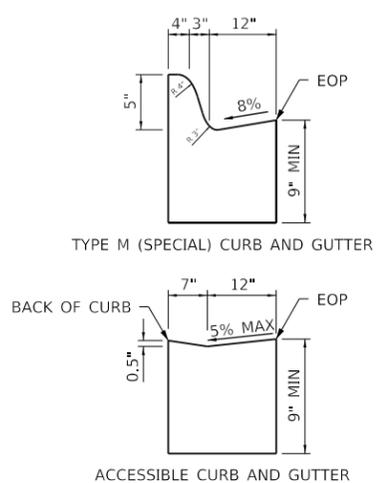
NORTHEAST DEERPATH AND WESTERN

POINT	STATION	OFFSET	ELEVATION
A1	17+42.56	33.0' LT	704.46
A2	17+44.50	33.0' LT	704.45
A3	17+54.50	33.0' LT	704.15
A4	17+60.30	33.0' LT	704.00
A5	17+66.14	33.0' LT	703.94
B1	17+54.50	22.2' LT	703.91
B2	17+54.50	24.0' LT	703.90
C1	17+60.30	21.4' LT	703.99
C2	17+60.30	24.0' LT	703.96
D1	17+66.15	20.0' LT	704.08
D2	17+66.14	24.0' LT	704.02



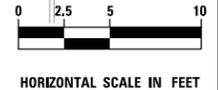
NOTE
BDE FORM 3101 - ADA STATEMENT OF MAXIMUM EXTENT FEASIBLE HAS BEEN SUBMITTED FOR THE NORTHEAST AND SOUTHEAST ADA RAMPS AT DEERPATH ROAD AND WESTERN AVENUE

CURB AND GUTTER DETAILS



SOUTHEAST DEERPATH AND WESTERN

POINT	STATION	OFFSET	ELEVATION
A1	17+41.25	32.0' RT	705.08
A2	17+42.91	32.0' RT	705.07
A3	17+54.00	32.0' RT	704.50
A4	17+64.78	32.0' RT	703.68
A5	17+68.78	32.0' RT	703.61
B1	17+54.50	18.0' RT	704.34
B2	17+54.50	19.7' RT	704.33
B3	17+64.78	18.3' RT	703.73
B4	17+68.78	18.3' RT	703.77



MODEL: Default
FILE NAME: I:\projects\22-003 Lake Forest Deerpath Streetscape E205_CADD\01_MDD\03_SIT\Tent-ada-deerpath-08.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

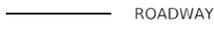
**ADA PLAN
DEERPATH ROAD**

SCALE: 1"=5' SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 1245	SECTION 19-00093-00-SW	COUNTY LAKE	TOTAL SHEETS 133	SHEET NO. 42
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



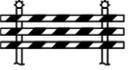
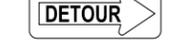
TRAFFIC CONTROL - SYMBOL LEGEND

-  TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
-  SIGN (NUMBER DENOTES TYPE)
-  ONE-WAY STREET DIRECTION
-  DETOUR ROUTE
-  ROADWAY
-  FULL CLOSURE

DETOUR ROUTE INFORMATION

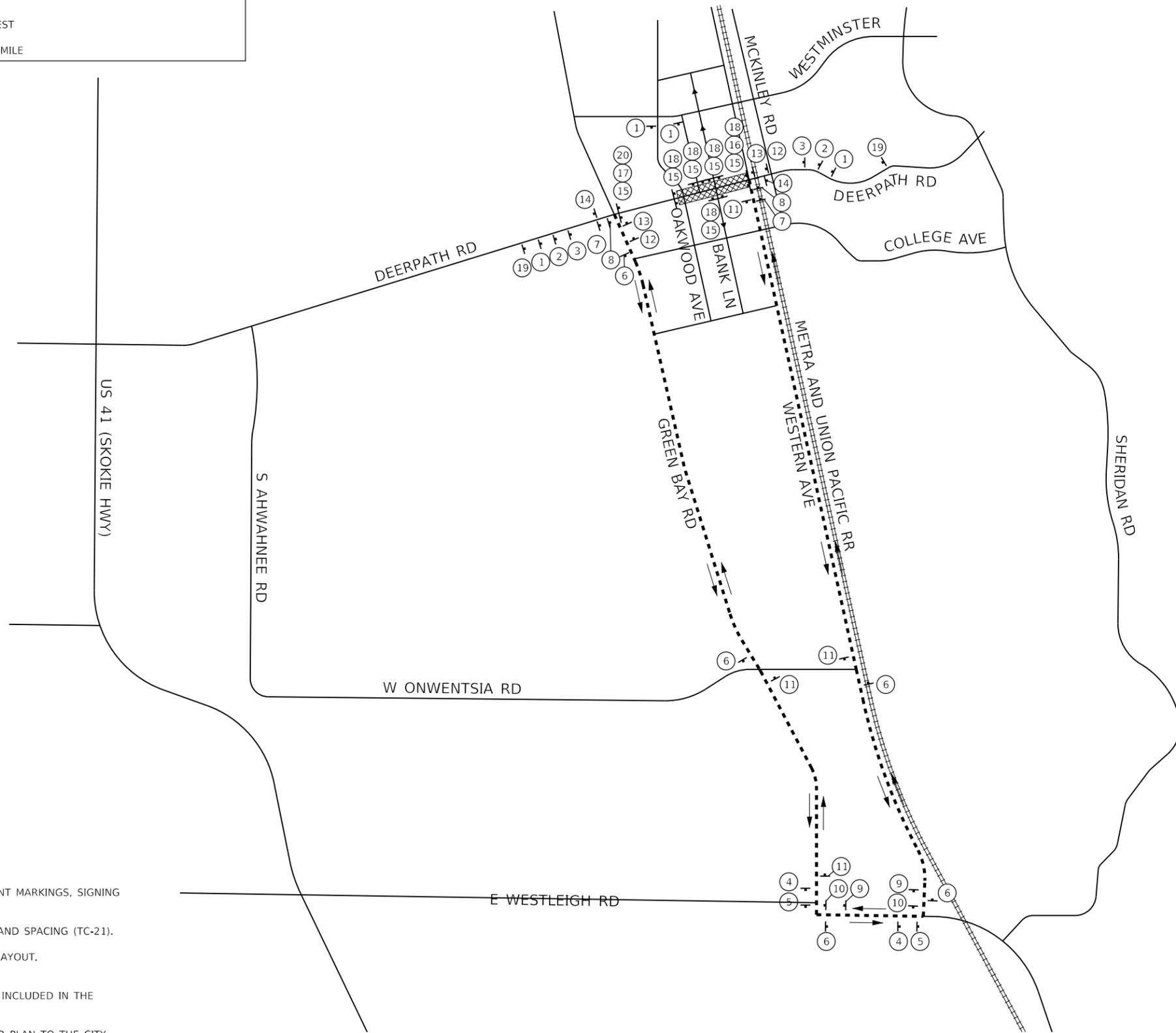
- GREEN BAY ROAD**
JURISDICTION: LAKE FOREST
2 LANE UNDIVIDED
DETOUR DISTANCE: 1.32 MILE
- WESTERN AVENUE**
JURISDICTION: LAKE FOREST
2 LANE UNDIVIDED
DETOUR DISTANCE: 1.35 MILE
- E WESTLEIGH ROAD**
JURISDICTION: LAKE FOREST
4 LANE UNDIVIDED
DETOUR DISTANCE: 0.19 MILE

TRAFFIC CONTROL - SIGN LEGEND

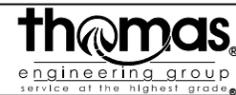
 ① W20-3(O) 48"x48"	 ② W20-2(O) 48"x48"	 ③ W20-3(O) 48"x48"	 ④ M3-2(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"
 ⑤ M3-2(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑥ M3-2(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑦ M3-2(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑧ M3-2(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"
 ⑨ M3-4(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑩ M3-4(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑪ M3-4(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑫ M3-4(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"
 ⑬ M3-4(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑭ M4-8A(O) 24"x18"	 ⑮ TYPE III BARRICADE W/ FLASHING LIGHTS	 ⑯ M4-10L(O) 48"x18"
 ⑰ R11-3 60"x30"	 ⑱ R11-2 48"x30"	 ⑲ CHANGEABLE MESSAGE SIGN	 ⑳ M4-10R(O) 48"x18"

NOTES

1. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY TRAFFIC CONTROL DEVICES, PAVEMENT MARKINGS, SIGNING WITHIN THE WORK ZONE, AND SIGNING APPROACHING AND WITHIN THE FULL CLOSURE.
2. SEE DISTRICT 1 DETAILS AND IDOT HIGHWAY STANDARDS FOR ADDITIONAL INFORMATION ON SIGN PLACEMENT AND SPACING (TC-21).
3. REFER TO IDOT HIGHWAY STANDARD 701801 FOR SIDEWALK, CORNER OR CROSSWALK CLOSURE SIGNING AND LAYOUT. THE ENGINEER SHALL APPROVE ALL TEMPORARY PEDESTRIAN ROUTES AND STAGING.
4. ADDITIONAL LOCAL DETOUR SIGNAGE AND TRAFFIC CONTROL DEVICES REQUESTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, SPECIAL.
5. IF ALTERNATE CLOSURES ARE REQUIRED OR REQUESTED, THE CONTRACTOR SHALL SUBMIT A PROPOSED DETOUR PLAN TO THE CITY OF LAKE FOREST FOR REVIEW AND APPROVAL.



MODEL: Default
 FILE NAME: I:\09\05\03\22-003_Lake Forest Deerpath Streetcrops_E305_CADD\01_MDD\03_SIT\Tent-MOT-detour-stage_162.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -	
	DRAWN - JBH	REVISED -	
PLOT SCALE = 40,0000' / in.	CHECKED - KVZ	REVISED -	
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
DETOUR PLAN - STAGE 1 & 2**

SCALE: NTS SHEET 1 OF 8 SHEETS STA. TO STA.

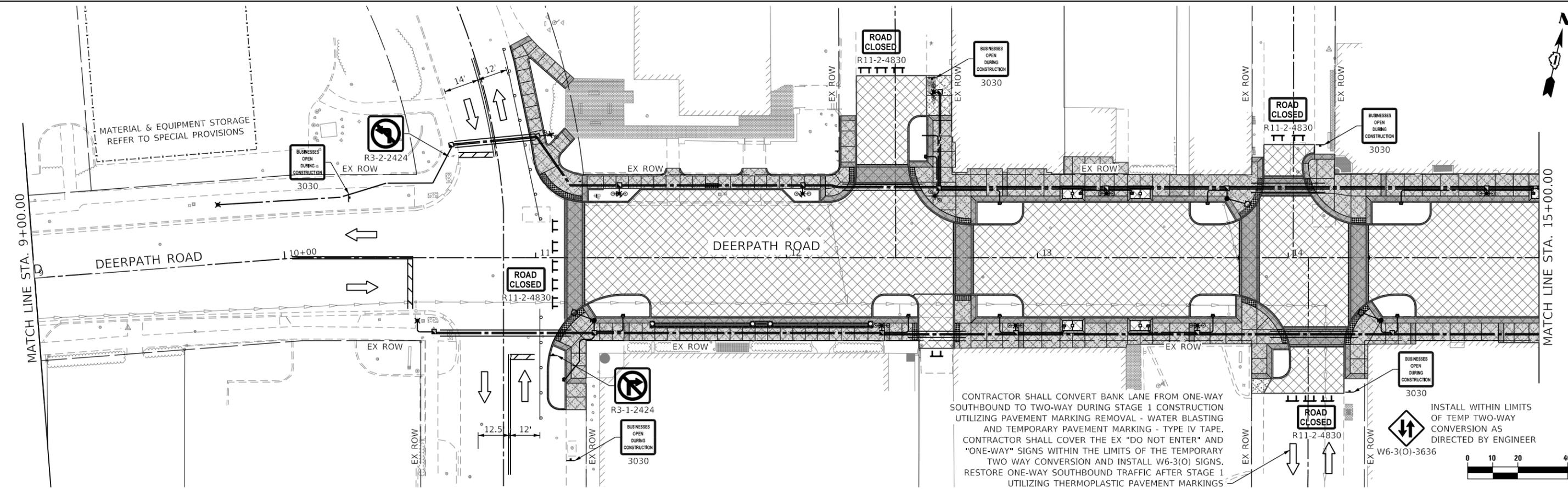
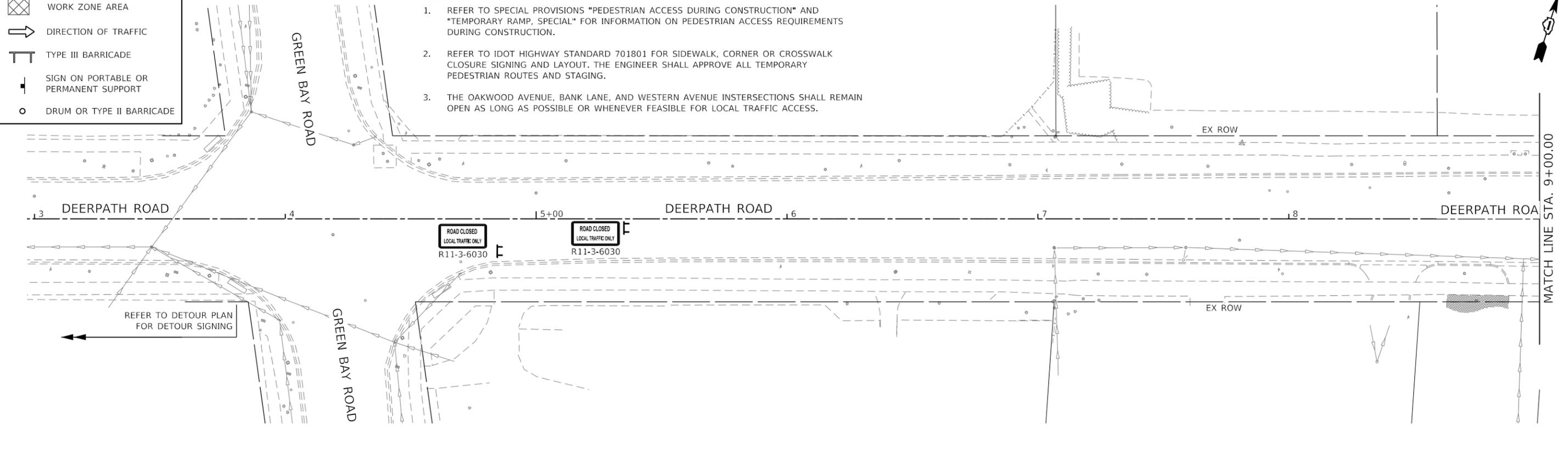
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	43
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

LEGEND

	WORK ZONE AREA
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	SIGN ON PORTABLE OR PERMANENT SUPPORT
	DRUM OR TYPE II BARRICADE

NOTES

1. REFER TO SPECIAL PROVISIONS "PEDESTRIAN ACCESS DURING CONSTRUCTION" AND "TEMPORARY RAMP, SPECIAL" FOR INFORMATION ON PEDESTRIAN ACCESS REQUIREMENTS DURING CONSTRUCTION.
2. REFER TO IDOT HIGHWAY STANDARD 701801 FOR SIDEWALK, CORNER OR CROSSWALK CLOSURE SIGNING AND LAYOUT. THE ENGINEER SHALL APPROVE ALL TEMPORARY PEDESTRIAN ROUTES AND STAGING.
3. THE OAKWOOD AVENUE, BANK LANE, AND WESTERN AVENUE INTERSECTIONS SHALL REMAIN OPEN AS LONG AS POSSIBLE OR WHENEVER FEASIBLE FOR LOCAL TRAFFIC ACCESS.



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC

STAGE 1

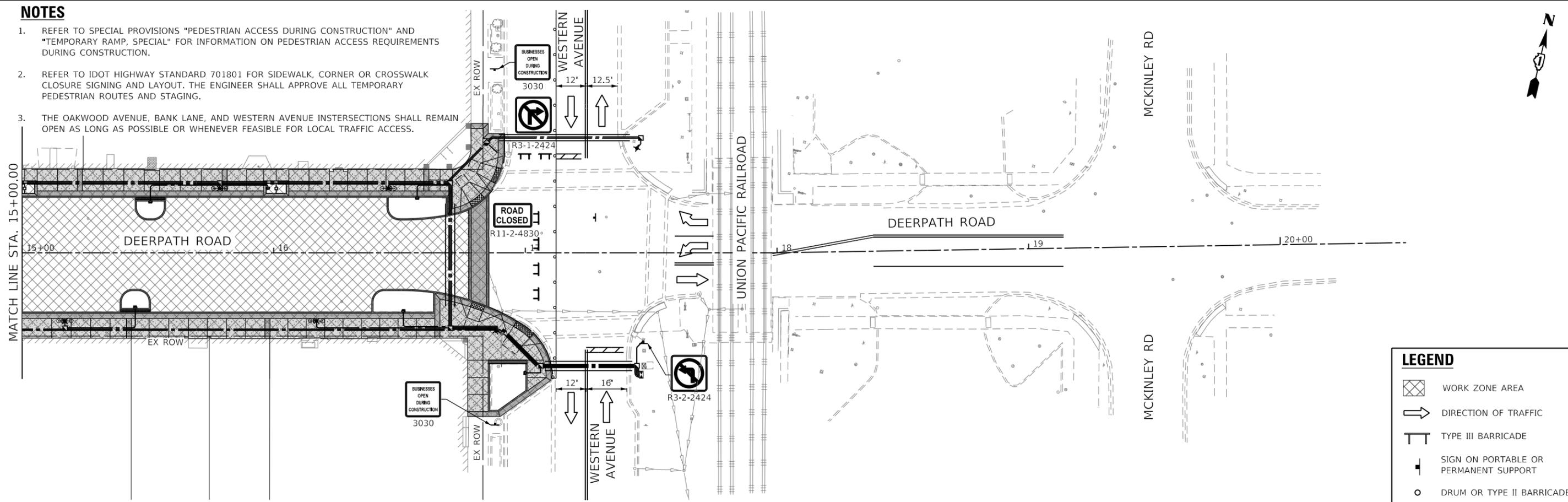
SCALE: 1"=20' SHEET 2 OF 8 SHEETS STA. 3+00 TO STA. 15+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	44
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

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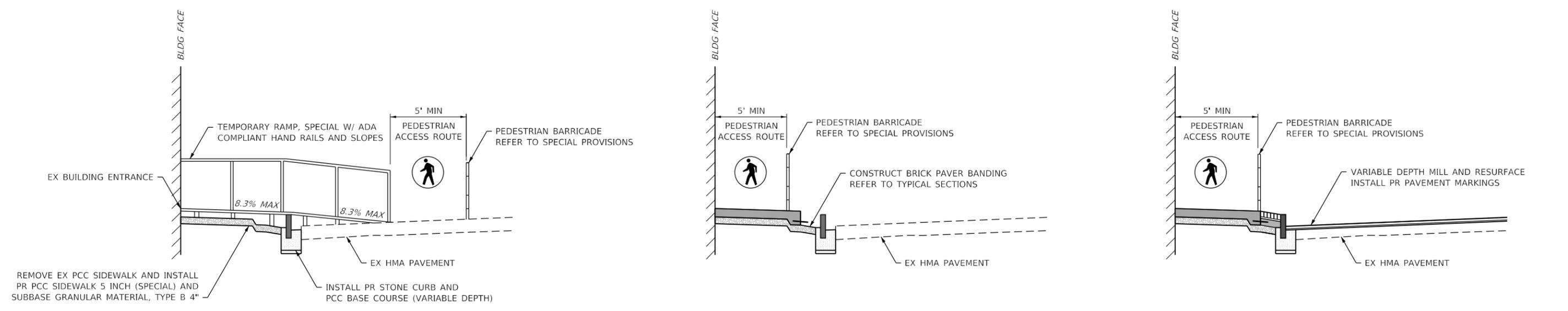
NOTES

1. REFER TO SPECIAL PROVISIONS "PEDESTRIAN ACCESS DURING CONSTRUCTION" AND "TEMPORARY RAMP, SPECIAL" FOR INFORMATION ON PEDESTRIAN ACCESS REQUIREMENTS DURING CONSTRUCTION.
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3. THE OAKWOOD AVENUE, BANK LANE, AND WESTERN AVENUE INTERSECTIONS SHALL REMAIN OPEN AS LONG AS POSSIBLE OR WHENEVER FEASIBLE FOR LOCAL TRAFFIC ACCESS.

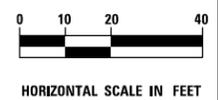


LEGEND

- WORK ZONE AREA
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DRUM OR TYPE II BARRICADE



SUGGESTED CONSTRUCTION SEQUENCING



MODEL: Default
FILE NAME: T:\08052024\03 Lake Forest Deerpath Streetscape E205_CADD\01_MDD03_SIT\Tent-MDT-stage_1-Deerpath-02.dgn



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DRAWN - JBH	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC

STAGE 1

SCALE: 1"=20' SHEET 3 OF 8 SHEETS STA. 15+00 TO STA. 20+50

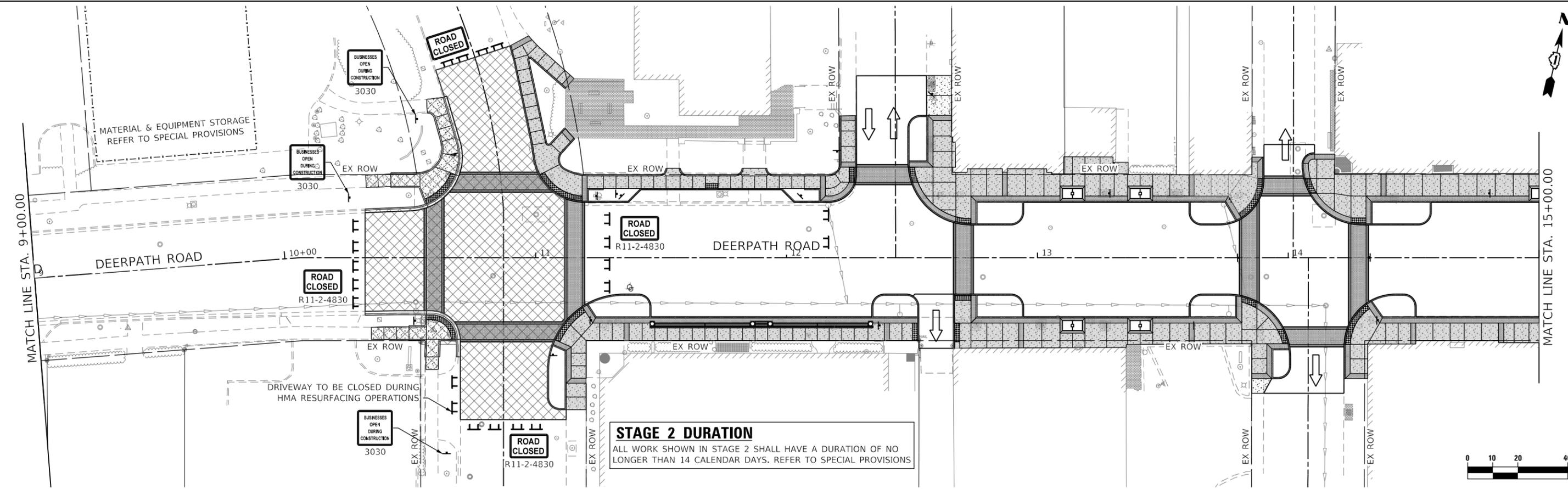
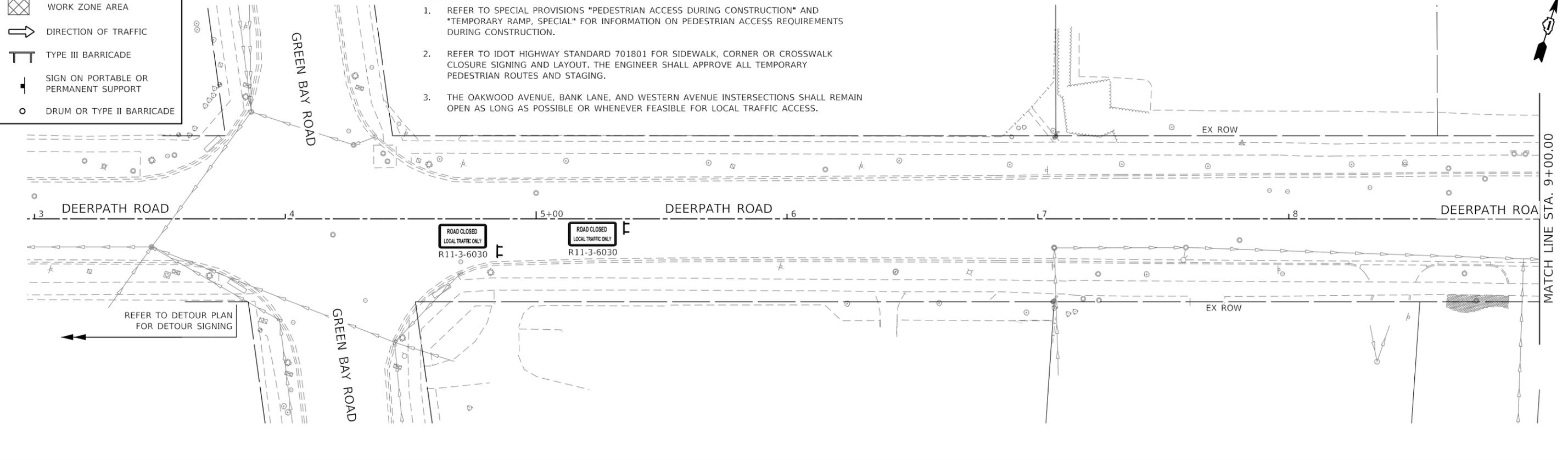
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	45
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

LEGEND

-  WORK ZONE AREA
-  DIRECTION OF TRAFFIC
-  TYPE III BARRICADE
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DRUM OR TYPE II BARRICADE

NOTES

1. REFER TO SPECIAL PROVISIONS "PEDESTRIAN ACCESS DURING CONSTRUCTION" AND "TEMPORARY RAMP, SPECIAL" FOR INFORMATION ON PEDESTRIAN ACCESS REQUIREMENTS DURING CONSTRUCTION.
2. REFER TO IDOT HIGHWAY STANDARD 701801 FOR SIDEWALK, CORNER OR CROSSWALK CLOSURE SIGNING AND LAYOUT. THE ENGINEER SHALL APPROVE ALL TEMPORARY PEDESTRIAN ROUTES AND STAGING.
3. THE OAKWOOD AVENUE, BANK LANE, AND WESTERN AVENUE INTERSECTIONS SHALL REMAIN OPEN AS LONG AS POSSIBLE OR WHENEVER FEASIBLE FOR LOCAL TRAFFIC ACCESS.



STAGE 2 DURATION
ALL WORK SHOWN IN STAGE 2 SHALL HAVE A DURATION OF NO LONGER THAN 14 CALENDAR DAYS. REFER TO SPECIAL PROVISIONS

MODEL: Default
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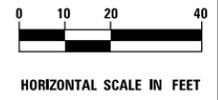


USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

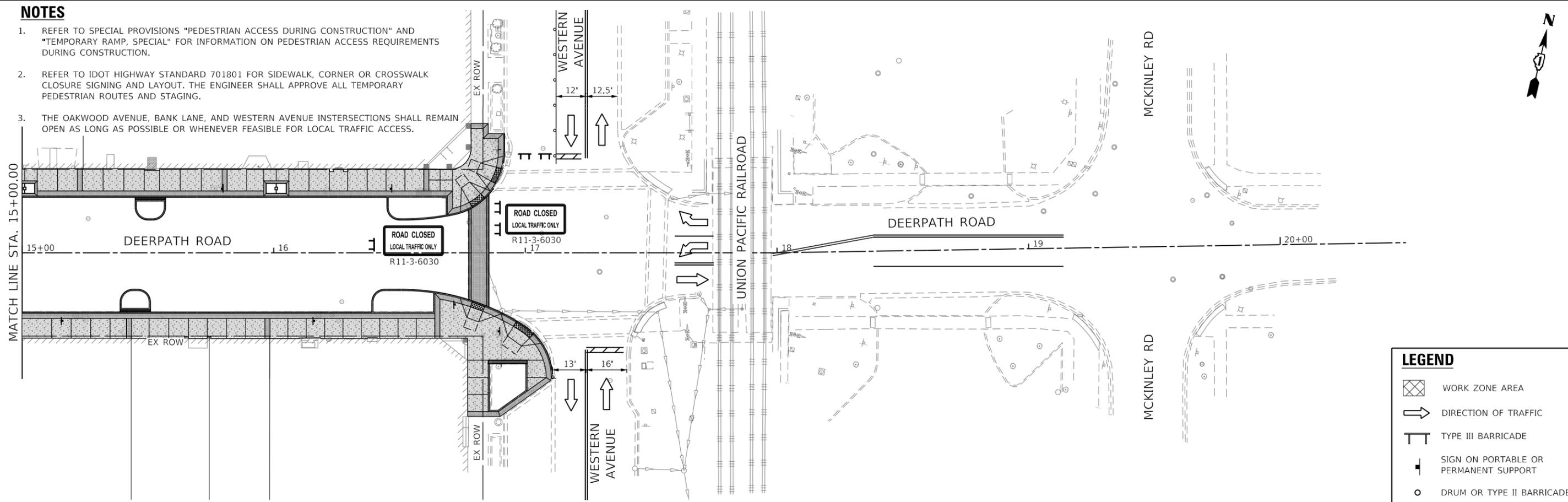
SUGGESTED MAINTENANCE OF TRAFFIC	
STAGE 2	
SCALE: 1"=20'	SHEET 4 OF 8 SHEETS STA. 3+00 TO STA. 15+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	46
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



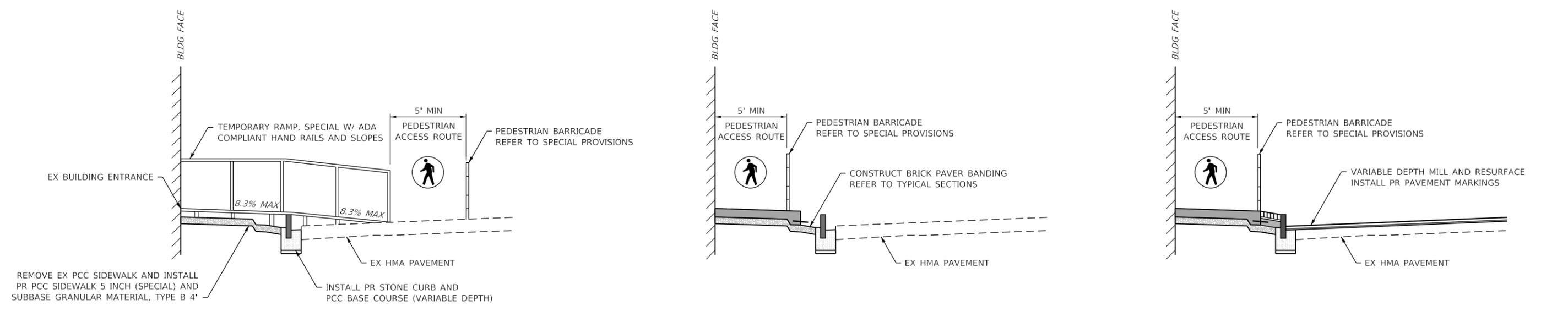
NOTES

1. REFER TO SPECIAL PROVISIONS "PEDESTRIAN ACCESS DURING CONSTRUCTION" AND "TEMPORARY RAMP, SPECIAL" FOR INFORMATION ON PEDESTRIAN ACCESS REQUIREMENTS DURING CONSTRUCTION.
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3. THE OAKWOOD AVENUE, BANK LANE, AND WESTERN AVENUE INTERSECTIONS SHALL REMAIN OPEN AS LONG AS POSSIBLE OR WHENEVER FEASIBLE FOR LOCAL TRAFFIC ACCESS.

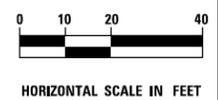


LEGEND

- WORK ZONE AREA
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DRUM OR TYPE II BARRICADE



SUGGESTED CONSTRUCTION SEQUENCING

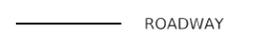


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	USER NAME = VinceM	DESIGNED - VJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC STAGE 2	F.A.U. RTE. = 1245	SECTION = 19-00093-00-SW	COUNTY = LAKE	TOTAL SHEETS = 133	SHEET NO. = 47
	PLOT SCALE = 40.0000' / in.	CHECKED - KVZ	REVISED -			SCALE: 1"=20'	SHEET 5 OF 8 SHEETS	STA. 15+00 TO STA. 20+50	CONTRACT NO. 61L05	
	PLOT DATE = 1/4/2025	DATE = 08/05/2024	REVISED -			ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL - SYMBOL LEGEND

-  TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
-  SIGN (NUMBER DENOTES TYPE)
-  ONE-WAY STREET DIRECTION
-  DETOUR ROUTE
-  ROADWAY
-  FULL CLOSURE

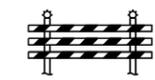
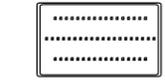
DETOUR ROUTE INFORMATION

OAKWOOD AVENUE
 JURISDICTION: LAKE FOREST
 2 LANE UNDIVIDED
 DETOUR DISTANCE: 0.15 MILE

N MCKINLEY ROAD
 JURISDICTION: LAKE FOREST
 2 LANE UNDIVIDED
 DETOUR DISTANCE: 0.13 MILE

E WESTMINSTER
 JURISDICTION: LAKE FOREST
 2 LANE UNDIVIDED
 DETOUR DISTANCE: 0.18 MILE

TRAFFIC CONTROL - SIGN LEGEND

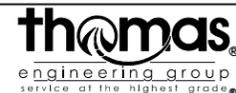
 ① W20-3(O) 48"x48"	 ② W20-2(O) 48"x48"	 ③ W20-3(O) 48"x48"	 ④ M3-2(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"
 ⑤ M3-2(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑥ M3-2(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑦ M3-2(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑧ M3-2(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"
 ⑨ M3-4(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑩ M3-4(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑪ M3-4(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑫ M3-4(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"
 ⑬ M3-4(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑭ M4-8A 24"x18"	 ⑮ TYPE III BARRICADE W/ FLASHING LIGHTS	 ⑯ M4-10L-(O) 48"x18"
 ⑰ R11-3 60"x30"	 ⑱ R11-2 48"x30"	 ⑲ CHANGEABLE MESSAGE SIGN	

NOTES

1. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY TRAFFIC CONTROL DEVICES, PAVEMENT MARKINGS, SIGNING WITHIN THE WORK ZONE, AND SIGNING APPROACHING AND WITHIN THE FULL CLOSURE.
2. SEE DISTRICT 1 DETAILS AND IDOT HIGHWAY STANDARDS FOR ADDITIONAL INFORMATION ON SIGN PLACEMENT AND SPACING (TC-21).
3. REFER TO IDOT HIGHWAY STANDARD 701801 FOR SIDEWALK, CORNER OR CROSSWALK CLOSURE SIGNING AND LAYOUT. THE ENGINEER SHALL APPROVE ALL TEMPORARY PEDESTRIAN ROUTES AND STAGING.
4. ADDITIONAL LOCAL DETOUR SIGNAGE AND TRAFFIC CONTROL DEVICES REQUESTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, SPECIAL.
5. IF ALTERNATE CLOSURES ARE REQUIRED OR REQUESTED, THE CONTRACTOR SHALL SUBMIT A PROPOSED DETOUR PLAN TO THE CITY OF LAKE FOREST FOR REVIEW AND APPROVAL.



MODEL: Default
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USER NAME = VinceM	DESIGNED - VJM	REVISED -	
	DRAWN - JBH	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED - KVZ	REVISED -	
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

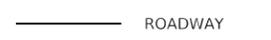
**SUGGESTED MAINTENANCE OF TRAFFIC
 DETOUR PLAN - STAGE 3**

SCALE: NTS SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-0093-00-SW	LAKE	133	48
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



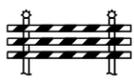
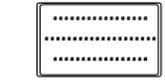
TRAFFIC CONTROL - SYMBOL LEGEND

-  TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
-  SIGN (NUMBER DENOTES TYPE)
-  ONE-WAY STREET DIRECTION
-  DETOUR ROUTE
-  ROADWAY
-  FULL CLOSURE

DETOUR ROUTE INFORMATION

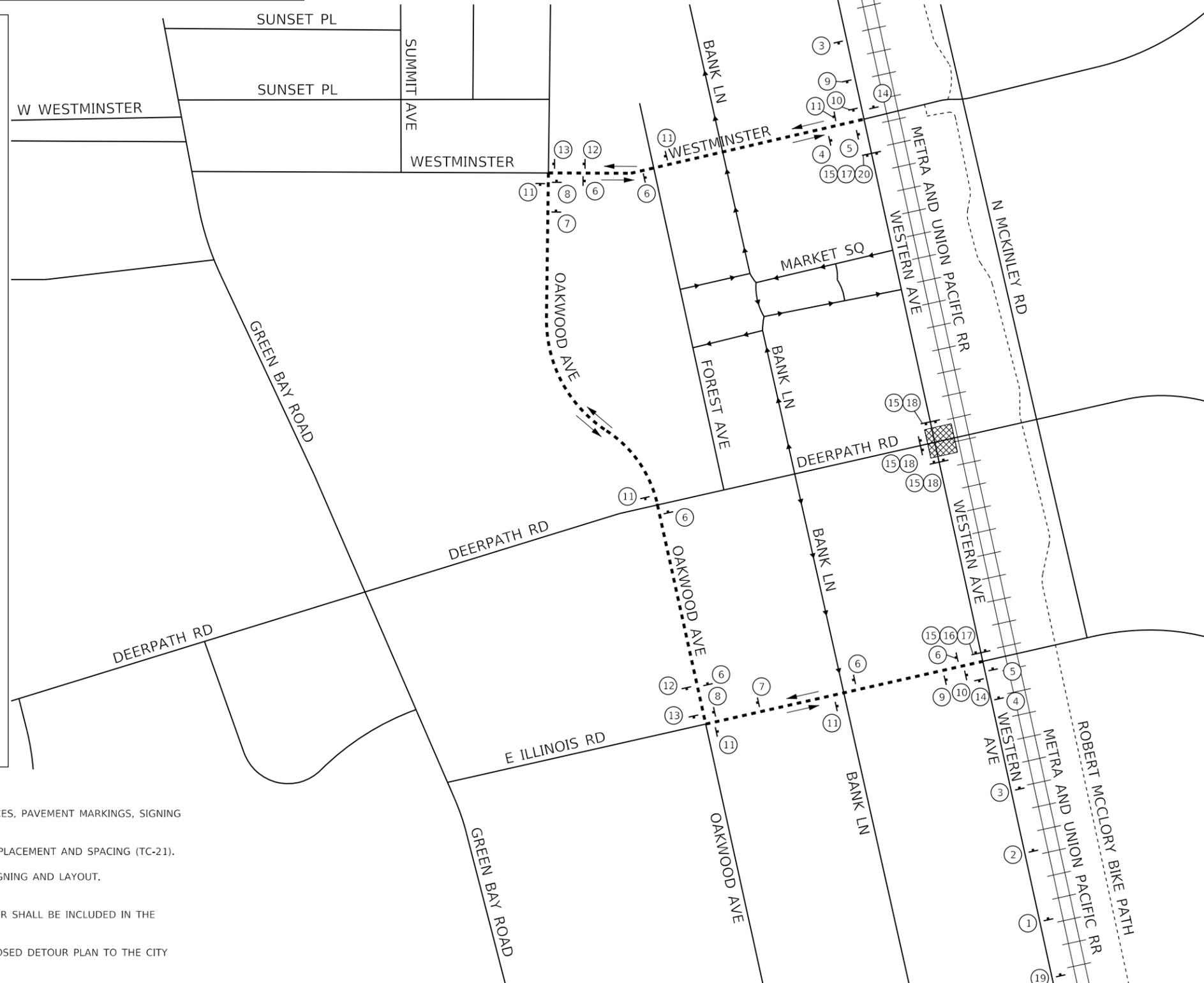
- E ILLINOIS ROAD**
JURISDICTION: LAKE FOREST
2 LANE UNDIVIDED
DETOUR DISTANCE: 0.12 MILE
- OAKWOOD AVENUE**
JURISDICTION: LAKE FOREST
2 LANE UNDIVIDED
DETOUR DISTANCE: 0.25 MILE
- E WESTMINSTER**
JURISDICTION: LAKE FOREST
2 LANE UNDIVIDED
DETOUR DISTANCE: 0.13 MILE

TRAFFIC CONTROL - SIGN LEGEND

 ① W20-3(O) 48"x48"	 ② W20-2(O) 48"x48"	 ③ W20-3(O) 48"x48"	 ④ M3-1(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"
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 ⑨ M3-3(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑩ M3-3(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑪ M3-3(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑫ M3-3(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"
 ⑬ M3-3(O) 24"x12" D3-1(O) VARx12" M4-9(O) 30"x24"	 ⑭ D3-1(O) VARx12" M4-8A(O) 24"x18"	 ⑮ TYPE III BARRICADE W/ FLASHING LIGHTS	 ⑯ M4-10L-(O) 48"x18"
 ⑰ R11-3 60"x30"	 ⑱ R11-2 48"x30"	 ⑲ CHANGEABLE MESSAGE SIGN	 ⑳ M4-10R-(O) 48"x18"

NOTES

1. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY TRAFFIC CONTROL DEVICES, PAVEMENT MARKINGS, SIGNING WITHIN THE WORK ZONE, AND SIGNING APPROACHING AND WITHIN THE FULL CLOSURE.
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MODEL: Default
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USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
DETOUR PLAN - STAGE 3**

SCALE: NTS SHEET 6 OF 8 SHEETS STA. TO STA.

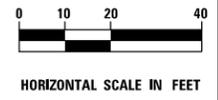
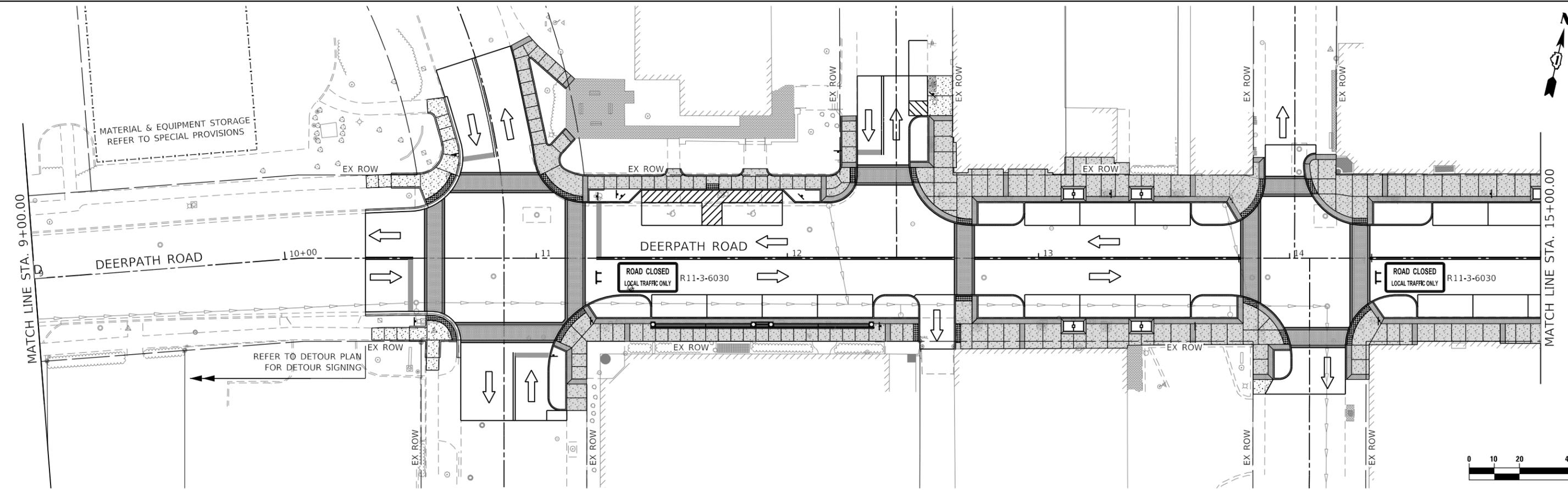
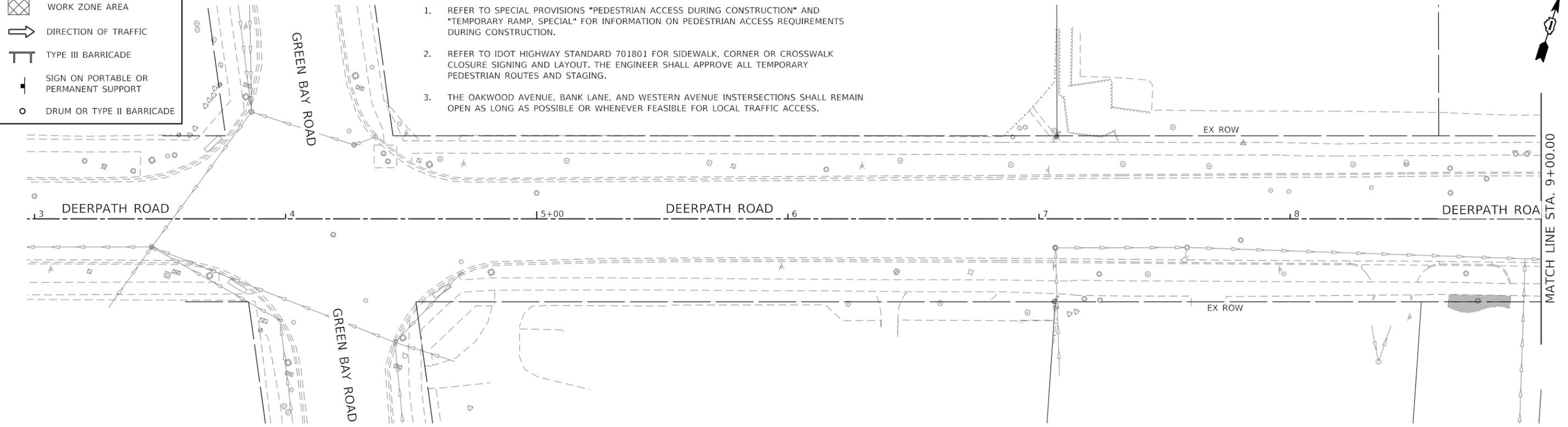
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	49
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

LEGEND

-  WORK ZONE AREA
-  DIRECTION OF TRAFFIC
-  TYPE III BARRICADE
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DRUM OR TYPE II BARRICADE

NOTES

1. REFER TO SPECIAL PROVISIONS "PEDESTRIAN ACCESS DURING CONSTRUCTION" AND "TEMPORARY RAMP, SPECIAL" FOR INFORMATION ON PEDESTRIAN ACCESS REQUIREMENTS DURING CONSTRUCTION.
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3. THE OAKWOOD AVENUE, BANK LANE, AND WESTERN AVENUE INTERSECTIONS SHALL REMAIN OPEN AS LONG AS POSSIBLE OR WHENEVER FEASIBLE FOR LOCAL TRAFFIC ACCESS.



MODEL: Default
 FILE NAME: I:\06\05\02\2-003 Lake Forest Deerpath Streetscape E205_CADD\01_MXD\03_SIT\Tent-MDT-stage_3-Deerpath-01.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: 1"=20' SHEET 7 OF 8 SHEETS STA. 3+00 TO STA. 15+00

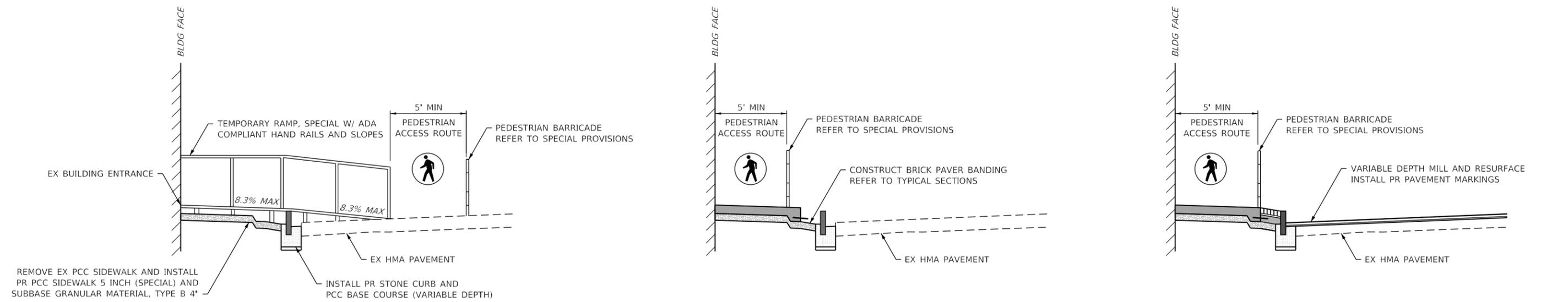
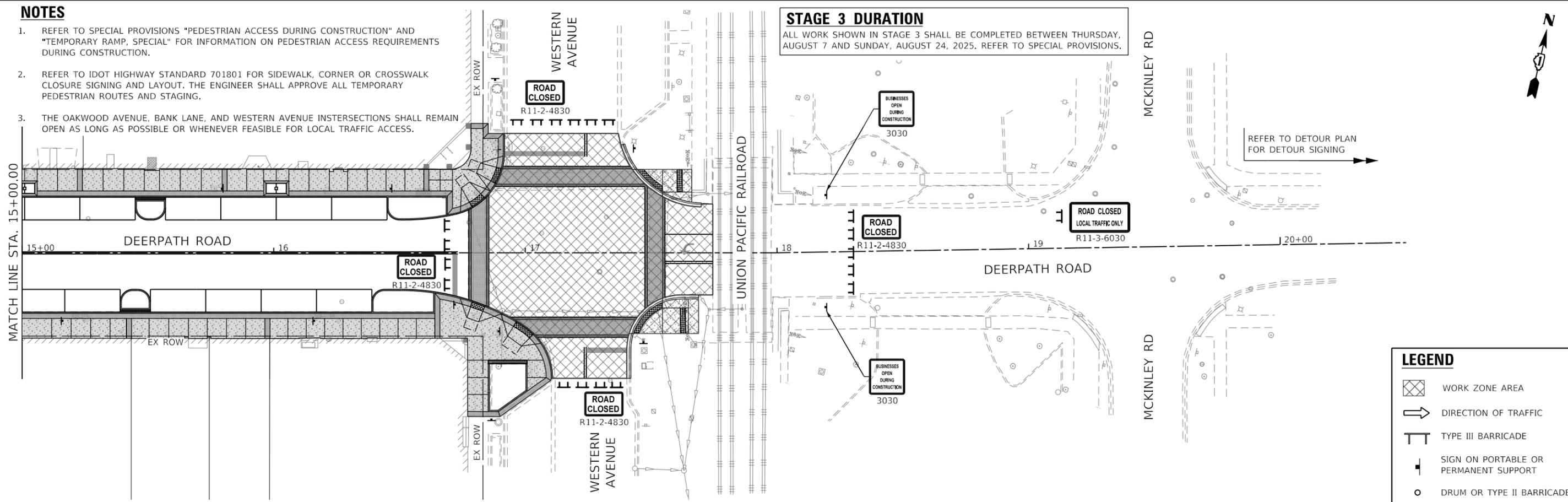
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	50
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

NOTES

1. REFER TO SPECIAL PROVISIONS "PEDESTRIAN ACCESS DURING CONSTRUCTION" AND "TEMPORARY RAMP, SPECIAL" FOR INFORMATION ON PEDESTRIAN ACCESS REQUIREMENTS DURING CONSTRUCTION.
2. REFER TO IDOT HIGHWAY STANDARD 701801 FOR SIDEWALK, CORNER OR CROSSWALK CLOSURE SIGNING AND LAYOUT. THE ENGINEER SHALL APPROVE ALL TEMPORARY PEDESTRIAN ROUTES AND STAGING.
3. THE OAKWOOD AVENUE, BANK LANE, AND WESTERN AVENUE INTERSECTIONS SHALL REMAIN OPEN AS LONG AS POSSIBLE OR WHENEVER FEASIBLE FOR LOCAL TRAFFIC ACCESS.

STAGE 3 DURATION

ALL WORK SHOWN IN STAGE 3 SHALL BE COMPLETED BETWEEN THURSDAY, AUGUST 7 AND SUNDAY, AUGUST 24, 2025. REFER TO SPECIAL PROVISIONS.



SUGGESTED CONSTRUCTION SEQUENCING



HORIZONTAL SCALE IN FEET



USER NAME = VinceM	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
STAGE 3

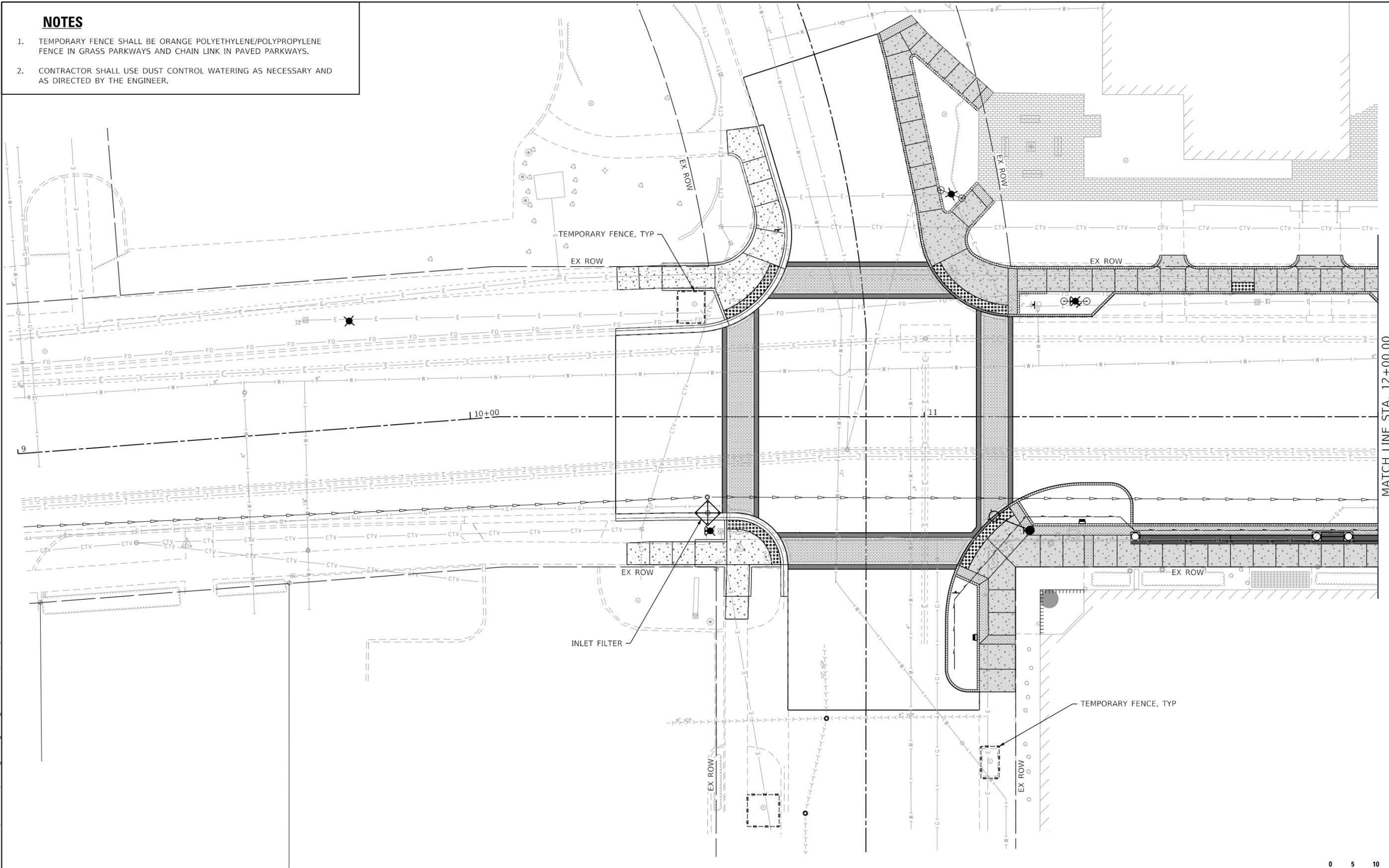
SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA. 15+00 TO STA. 20+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	51
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

MODEL: Default FILE NAME: I:\Roads\2022-2023 Lake Forest Deerpath Streetscape E205_CADD\01_MDD\03_SIT\Tent-MDT-stage 3-deerpath-02.dgn

NOTES

1. TEMPORARY FENCE SHALL BE ORANGE POLYETHYLENE/POLYPROPYLENE FENCE IN GRASS PARKWAYS AND CHAIN LINK IN PAVED PARKWAYS.
2. CONTRACTOR SHALL USE DUST CONTROL WATERING AS NECESSARY AND AS DIRECTED BY THE ENGINEER.

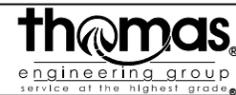


MATCH LINE STA. 12+00.00



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: I:\projects\22-003 Lake Forest Deerpath Streetscape E2105_CADD\01_MDD\03_SIT\Tent-ec-Deerpath-01.dgn



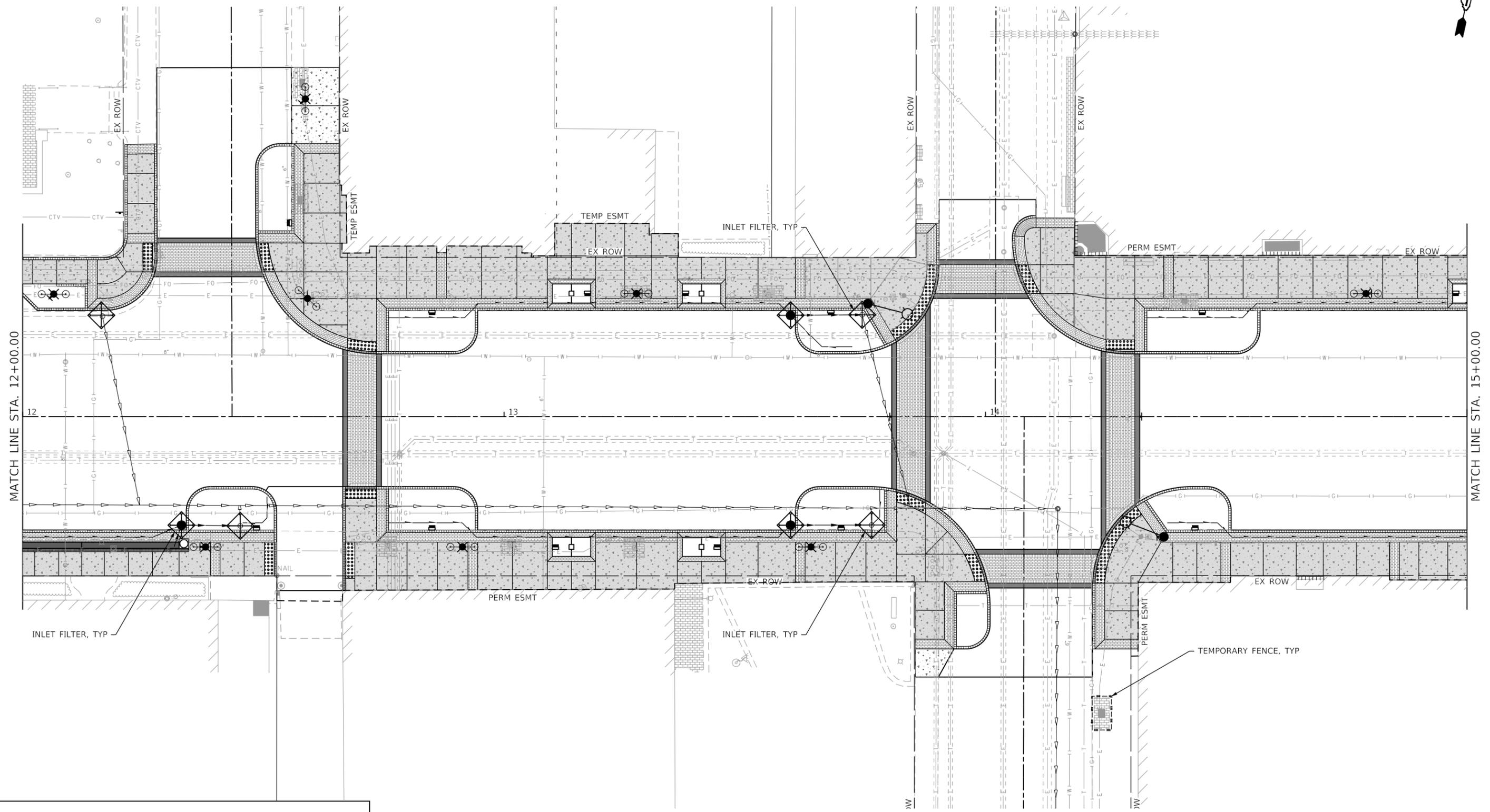
USER NAME = VinceM	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
DEERPATH ROAD**

SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. 9+00 TO STA. 12+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	52
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

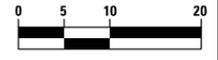


MATCH LINE STA. 12+00.00

MATCH LINE STA. 15+00.00

NOTES

- TEMPORARY FENCE SHALL BE ORANGE POLYETHYLENE/POLYPROPYLENE FENCE IN GRASS PARKWAYS AND CHAIN LINK IN PAVED PARKWAYS.
- CONTRACTOR SHALL USE DUST CONTROL WATERING AS NECESSARY AND AS DIRECTED BY THE ENGINEER.



HORIZONTAL SCALE IN FEET

MODEL: Default
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USER NAME = VinceM	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

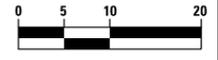
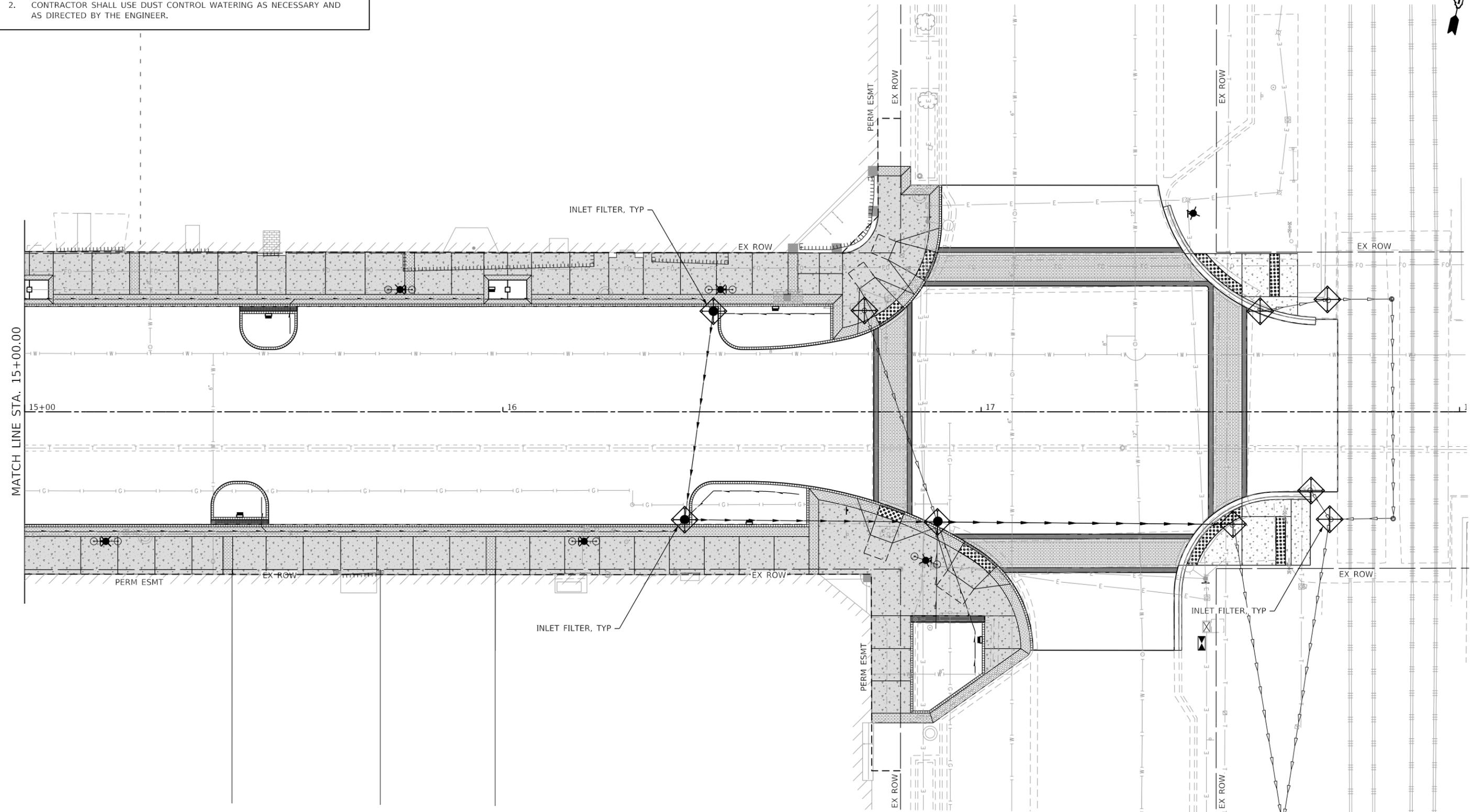
**EROSION CONTROL PLAN
DEERPATH ROAD**

SCALE: 1"=10' SHEET 2 OF 3 SHEETS STA. 12+00 TO STA. 15+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	53
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

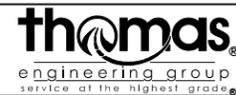
NOTES

- TEMPORARY FENCE SHALL BE ORANGE POLYETHYLENE/POLYPROPYLENE FENCE IN GRASS PARKWAYS AND CHAIN LINK IN PAVED PARKWAYS.
- CONTRACTOR SHALL USE DUST CONTROL WATERING AS NECESSARY AND AS DIRECTED BY THE ENGINEER.



HORIZONTAL SCALE IN FEET

MODEL: Default
 FILE NAME: I:\projects\22-003 Lake Forest Deerpath Streetscape E2105_CADD\01_MDD\03_SIT\ent-ec-Deerpath-03.dgn

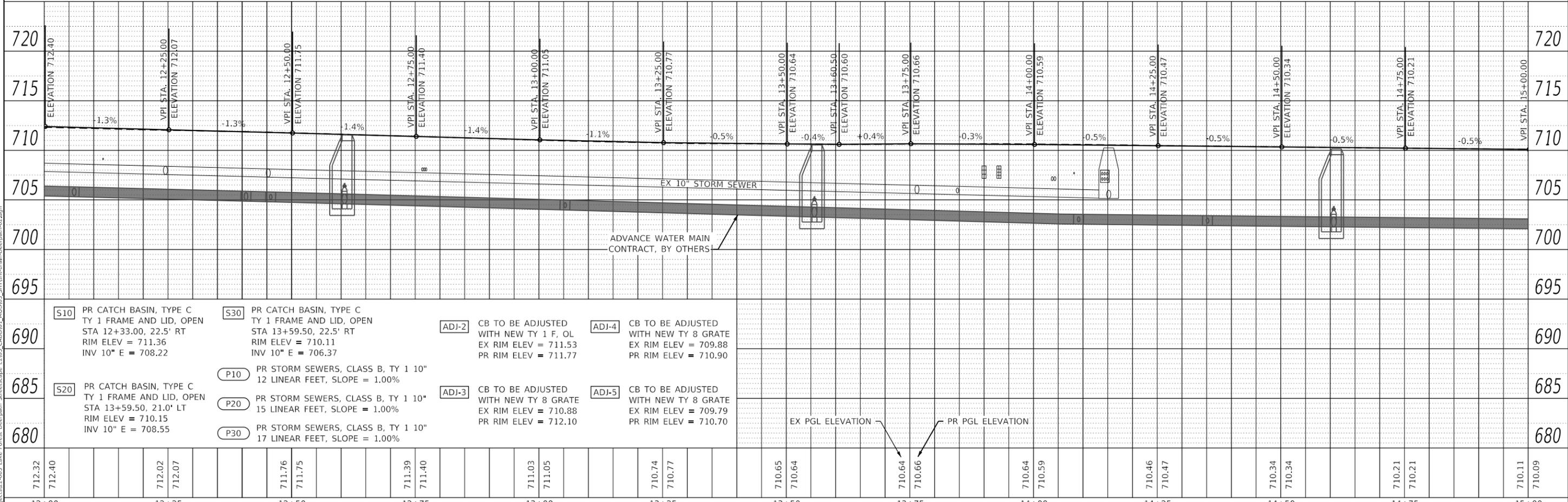
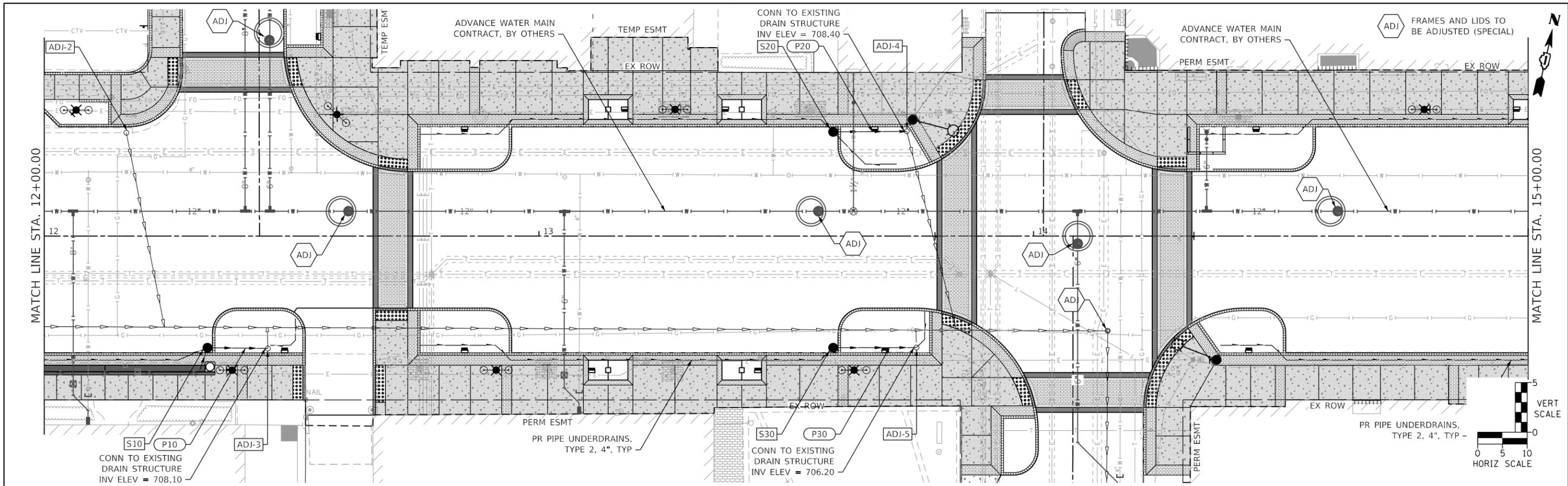


USER NAME = VinceM	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISIONS -	
PLOT SCALE = 20.0000' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN DEERPETH ROAD	
SCALE: 1"=10'	SHEET 3 OF 3 SHEETS
STA. 15+00	TO STA. 18+00

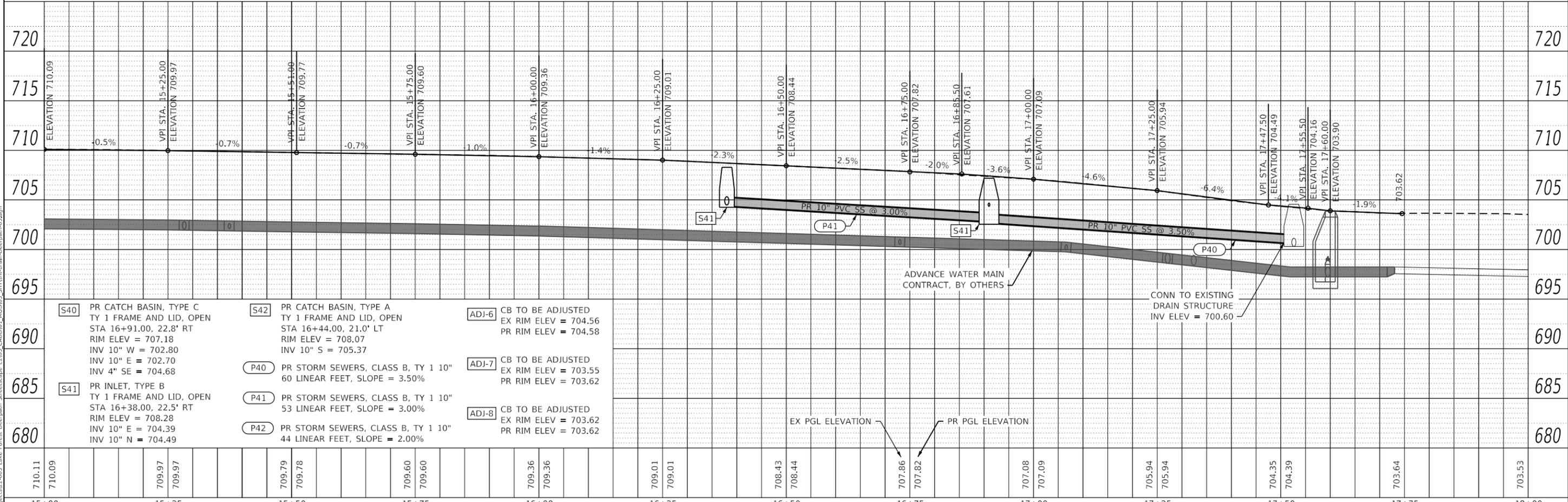
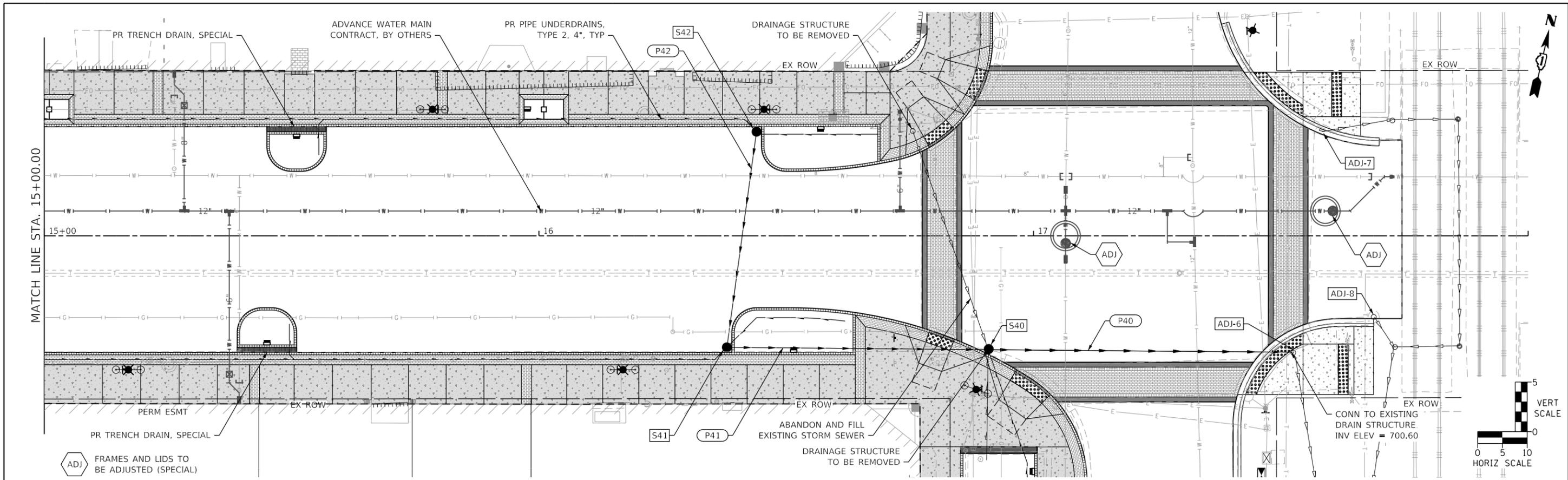
F.A.U. RTE. 1245	SECTION 19-00093-00-SW	COUNTY LAKE	TOTAL SHEETS 133	SHEET NO. 54
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



712.32	712.40	712.02	712.07	711.76	711.75	711.39	711.40	711.03	711.05	710.74	710.77	710.65	710.64	710.64	710.66	710.64	710.59	710.46	710.47	710.34	710.34	710.21	710.21	710.11	710.09
12+00	12+25	12+50	12+75	13+00	13+25	13+50	13+75	14+00	14+25	14+50	14+75	15+00													

	USER NAME = VinceM	DESIGNED - VJM	REVISD -
	PLOT SCALE = 20.0000' / in.	DRAWN - JBH	REVISD -
	PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISD -
		DATE - 08/05/2024	REVISD -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE PLAN AND PROFILE DEERPATH ROAD	
SCALE: 1"=10'	SHEET 2 OF 3 SHEETS	STA. 12+00 TO STA. 15+00	F.A.U. RTE. 1245 SECTION 19-00093-00-SW COUNTY LAKE TOTAL SHEETS 133 SHEET NO. 56 CONTRACT NO. 61L05 ILLINOIS FED. AID PROJECT



710.11	710.09	709.97	709.97	709.79	709.78	709.60	709.60	709.36	709.36	709.01	709.01	708.43	708.44	707.86	707.82	707.08	707.09	705.94	705.94	704.35	704.39	703.64	703.53
15+00	15+25	15+50	15+75	16+00	16+25	16+50	16+75	17+00	17+25	17+50	17+75	18+00											

thomas engineering group service at the highest grade.	USER NAME = VinceM DESIGNED - VJM DRAWN - JBH PLOT SCALE = 20.0000" / in. CHECKED - KVZ DATE - 08/05/2024	REVISIONS REVISIONS REVISIONS REVISIONS REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE DEERPATH ROAD	SCALE: 1"=10' SHEET 3 OF 3 SHEETS STA. 15+00 TO STA. 18+00	F.A.U. RTE. 1245 SECTION 19-00093-00-SW COUNTY LAKE TOTAL SHEETS 133 SHEET NO. 57 CONTRACT NO. 61L05 ILLINOIS FED. AID PROJECT
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CONSTRUCTION NOTES

- 1 THE IRRIGATION SYSTEM POINT-OF-CONNECTION (POC) SHALL BE DOWNSTREAM OF THE IRRIGATION WATER TAP AND METER INSTALLED BY OTHERS AT THE APPROXIMATE LOCATION SHOWN. INSTALL BACKFLOW PREVENTION UNIT AND MASTER VALVE ASSEMBLY AS INDICATED. VERIFY EXACT LOCATION OF POC WITH OWNER'S REPRESENTATIVE.
- 2 WALL MOUNT THE IRRIGATION CONTROLLER AT THE APPROXIMATE LOCATION SHOWN. COORDINATE ELECTRICAL POWER TO THE CONTROLLER WITH THE OWNER'S REPRESENTATIVE. CARE SHOULD BE TAKEN TO INSTALL THE IRRIGATION CONTROLLER IN A LOCATION THAT IS ACCESSIBLE FOR MAINTENANCE, AND SCREENED FROM VIEW EITHER BEHIND ENTRY WALLS, NEXT TO BUILDINGS, OR BEHIND PLANT MATERIAL. FINAL LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE.
- 3 ALTHOUGH IRRIGATION COMPONENTS MAY BE SHOWN NEAR EXISTING UTILITIES FOR CLARITY, CONTRACTOR TO ENSURE THAT ALL IRRIGATION PIPE, WIRING, AND SLEEVES ARE INSTALLED WITHOUT INTERFERING WITH THESE UTILITIES.

ESTIMATED ANNUAL WATER USE

THE IRRIGATION SYSTEM AS SHOWN ON THIS PLAN HAS AN ESTIMATED ANNUAL WATER USE OF 53,125 GALLONS. TO VERIFY EFFICIENT IRRIGATION SYSTEM OPERATION, THE OWNER SHALL COMPARE THIS ESTIMATED IRRIGATION WATER USE WITH ACTUAL WATER USE, AS RECORDED ON SITE, AFTER ALL PLANT MATERIAL HAS BEEN ESTABLISHED.

THE ESTIMATED ANNUAL IRRIGATION WATER USE OF THIS SYSTEM IS BASED ON 30-YEARS AVERAGE EVAPOTRANSPIRATION RATES (ET) FOR THE LOCAL AREA AND TYPICAL NEW IRRIGATION SYSTEM EQUIPMENT EFFICIENCIES. MAJOR DEVIATIONS FROM THIS ESTIMATE USE SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND CURRENT IRRIGATION MAINTENANCE COMPANY AT THE TIME OF THE DEVIATION.

TO VERIFY EFFICIENT IRRIGATION SYSTEM OPERATION AND WATER USE, AN IRRIGATION SYSTEM EVALUATION AND AUDIT SHOULD BE PERFORMED.

IRRIGATION LEGEND

- SLEEVES: CLASS 200 PVC UNLESS OTHERWISE INDICATED
 - POINT-OF-CONNECTION ASSEMBLY
 - MAINLINE PIPE: HDPE SDR 13.5
2-INCH SIZE UNLESS OTHERWISE INDICATED
 - LATERAL PIPE TO SPRINKLERS: HD100 PE
1-INCH SIZE UNLESS OTHERWISE INDICATED
 - LATERAL PIPE TO TREE EMITTERS: HD100 PE
1-INCH SIZE UNLESS OTHERWISE INDICATED
 - LATERAL PIPE TO HANGING BASKET ASSEMBLY: HUNTER HDL-BLNK
3/4-INCH SIZE UNLESS OTHERWISE INDICATED
 - LATERAL PIPE TO TREE DRIP EMITTERS: HUNTER PLD-06-12 DRIPLINE IN 3" NDS3000 SLOTTED PIPE W/ SOCK
 - UNCONNECTED PIPE CROSSING
 - REMOTE CONTROL VALVE ASSEMBLY FOR SPRINKLER LATERALS: HUNTER PGV-101-G (SIZED PER PLAN) W/ HUNTER EZ-1 DECODER
 - REMOTE CONTROL DRIP VALVE ASSEMBLY: HUNTER ICZ-101-40
 - REMOTE CONTROL DRIP VALVE ASSEMBLY: HUNTER ICV-101-40-LF
 - QUICK COUPLING VALVE ASSEMBLY: HUNTER 1" HQ-44LRC
 - ISOLATION GATE VALVE ASSEMBLY: LEEMCO STAINLESS STEEL THREADED
 - FLOW SENSOR ASSEMBLY: HUNTER HFS WITH FCT-200
 - BACKFLOW PREVENTION ASSEMBLY: FEBCO 825YA (1.5") W/STRAINER
 - MASTER VALVE ASSEMBLY: HUNTER PGV-151 (1.5")
 - BOOSTER PUMP ASSEMBLY: STA-RITE JBHC 1/2 HP BOOSTER PUMP
- INDICATES CONTROLLER AND STATION NUMBER
 - INDICATES LATERAL DISCHARGE (GPM)
 - INDICATES VALVE SIZE (INCHES)
 - INDICATES LANDSCAPE APPLICATION
 - IRRIGATION CONTROLLER UNIT WITH HUNTER ICC2 STAINLESS STEEL WALL MOUNT CONTROLLER W/ EZ DECODERS
 - WEATHER SENSOR: HUNTER WR-CLIK WITH WR-GUARD
 - TREE BUBBLER ASSEMBLY: HUNTER PROS-06-PRS30 WITH MSBN-10F NOZZLE
PRESSURE: 30 PSI
FLOW (GPM): 1.00 PER BUBBLER
 - POP-UP SPRAY SPRINKLER: HUNTER PROS-12-PRS30-CV W/ 8 SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 8 FEET
FLOW (GPM): Q-0.24 H-0.47 F-0.97
 - POP-UP SPRAY SPRINKLER: HUNTER PROS-12-PRS30-CV W/ 10 SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 10 FEET
FLOW (GPM): Q-0.42 H-0.88 F-1.59
 - POP-UP SPRAY SPRINKLER: HUNTER PROS-12-PRS30-CV W/ ADJUSTABLE NOZZLE
PRESSURE: 30 PSI RADIUS: 5 FEET TO 15 FEET
FLOW (GPM): 08A-0.44 10A-0.50 12A-0.32 15A-0.47
 - POP-UP SPRAY SPRINKLER: HUNTER PROS-12-PRS30-CV W/ 15SS SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 5 FEET X 15 FEET
FLOW (GPM): ES515-0.65 SS530-1.30
 - HANGING BASKET ASSEMBLY: RAIN BIRD XS-180 XERI MICROSpray
PRESSURE: 30 PSI
FLOW (GPM): 0.16 PER ASSEMBLY

INSTALLATION GENERAL NOTES

1. THE SYSTEM DESIGN ASSUMES A MINIMUM DYNAMIC PRESSURE FOR THE IRRIGATION SYSTEM OF 42 PSI AT THE BOOSTER PUMP INLET, 62 PSI AT THE BOOSTER PUMP OUTLET, AT A DESIGN FLOW OF 20 GPM AT THE 1.5-INCH IRRIGATION POINT-OF-CONNECTION (POC). TAP, METER, BACKFLOW PREVENTER, MASTER VALVE AND FLOW METER SHALL BE SIZED AS INDICATED IN THE DRAWING LEGEND. VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION.
2. READ THOROUGHLY AND BECOME FAMILIAR WITH THE SPECIFICATIONS AND INSTALLATION DETAILS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION.
3. COORDINATE UTILITY LOCATES ("CALL BEFORE YOU DIG") OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. DO NOT PROCEED WITH THE INSTALLATION OF THE IRRIGATION SYSTEM WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. IF DISCREPANCIES IN CONSTRUCTION DETAILS, LEGEND, NOTES, OR SPECIFICATIONS ARE DISCOVERED, BRING ALL SUCH OBSTRUCTIONS OR DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
5. THE DRAWINGS ARE DIAGRAMMATIC. THEREFORE, THE FOLLOWING SHOULD BE NOTED:
 - A. ALTHOUGH IRRIGATION COMPONENTS MAY BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY, INSTALL IRRIGATION PIPE AND WIRING IN LANDSCAPED AREAS WHENEVER POSSIBLE.
 - B. TREE AND SHRUB LOCATIONS AS SHOWN ON LANDSCAPE PLANS TAKE PRECEDENCE OVER IRRIGATION EQUIPMENT LOCATIONS. AVOID CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING MATERIALS, AND ARCHITECTURAL FEATURES.
 - C. USE ONLY STANDARD TEES AND ELBOW FITTINGS. USE OF TEES IN THE BULLNOSE CONFIGURATION, OR USE OF CROSS TYPE FITTINGS IS NOT ALLOWED.
 - D. ALTHOUGH IRRIGATION COMPONENTS MAY BE SHOWN NEAR EXISTING UTILITIES FOR CLARITY, CONTRACTOR TO ENSURE THAT ALL IRRIGATION PIPE, WIRING, AND SLEEVES ARE INSTALLED WITHOUT INTERFERING WITH THESE UTILITIES.
6. PROVIDE THE FOLLOWING COMPONENTS TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT:
 - A. TWO (2) OPERATING KEYS FOR EACH TYPE OF MANUALLY OPERATED VALVES.
 - B. TWO (2) OF EACH SERVICING WRENCH OR TOOL NEEDED FOR COMPLETE ACCESS, ADJUSTMENT, AND REPAIR OF ALL ROTARY SPRINKLERS.
7. SELECT NOZZLES FOR SPRAY AND ROTARY SPRINKLERS WITH ARCS WHICH PROVIDE COMPLETE AND ADEQUATE COVERAGE WITH MINIMUM OVERSPRAY FOR THE SITE CONDITIONS. CAREFULLY ADJUST THE RADIUS OF THROW AND ARC OF COVERAGE OF EACH ROTARY SPRINKLER TO PROVIDE THE BEST PERFORMANCE.
8. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF IRRIGATION SLEEVING. SLEEVES ARE REQUIRED FOR BOTH PIPING AND ELECTRICAL WIRING AT EACH HARDSCAPE CROSSING. COORDINATE INSTALLATION OF SLEEVING WITH OTHER TRADES. ANY PIPE OR WIRE WHICH PASSES BENEATH EXISTING HARDSCAPE WHERE SLEEVING WAS NOT INSTALLED WILL REQUIRE HORIZONTAL BORING BY THE IRRIGATION CONTRACTOR. PIPE SLEEVES SHALL BE SIZED TWICE THE NOMINAL SIZE OF THE PIPE PASSING THROUGH.
9. INSTALL ALL ELECTRICAL POWER TO THE IRRIGATION CONTROL SYSTEM IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL ELECTRIC UTILITY CODES.
10. THE FOLLOWING SHOULD BE NOTED REGARDING PIPE SIZING: IF A SECTION OF UNSIZED PIPE IS LOCATED BETWEEN TWO IDENTICALLY SIZED SECTIONS, THE UNSIZED PIPE IS THE SAME NOMINAL SIZE AS THE TWO SIZED SECTIONS. THE UNSIZED PIPE SHOULD NOT BE CONFUSED WITH THE DEFAULT PIPE SIZE NOTED IN THE LEGEND.
11. INSTALL ONE (1) #14 AWG TWO-WIRE PAIR ON TWO-WIRE SYSTEMS, FOR USE AS SPARES. INSTALL SPARE WIRES FROM CONTROLLER LOCATION TO EACH DEAD-END OF MAINLINE. COIL 3 FEET OF WIRE IN VALVE BOX.
12. IRRIGATION CONTRACTOR TO INSTALL PAIGE DECODER CABLE FUSE DEVICES (DCFD), AT ALL DECODER CABLE DIRECTIONAL SPLITS AND/OR CHANGES. INSTALL ALL SPLICES WITHIN A 10" VALVE BOX.

USER NAME = LAKOTA	DESIGNED -- DM	REVISED --
PLOT SCALE = 1"=10'-0"	CHECKED -- DF	REVISED --
PLOT DATE = 09/30/2024	DATE -- 09/30/2024	REVISED --

CONSTRUCTION NOTES

- 1 THE IRRIGATION SYSTEM POINT-OF-CONNECTION (POC) SHALL BE DOWNSTREAM OF THE IRRIGATION WATER TAP AND METER INSTALLED BY OTHERS AT THE APPROXIMATE LOCATION SHOWN. INSTALL BACKFLOW PREVENTION UNIT AND MASTER VALVE ASSEMBLY AS INDICATED. VERIFY EXACT LOCATION OF POC WITH OWNER'S REPRESENTATIVE.
- 2 WALL MOUNT THE IRRIGATION CONTROLLER AT THE APPROXIMATE LOCATION SHOWN. COORDINATE ELECTRICAL POWER TO THE CONTROLLER WITH THE OWNER'S REPRESENTATIVE. CARE SHOULD BE TAKEN TO INSTALL THE IRRIGATION CONTROLLER IN A LOCATION THAT IS ACCESSIBLE FOR MAINTENANCE, AND SCREENED FROM VIEW EITHER BEHIND ENTRY WALLS, NEXT TO BUILDINGS, OR BEHIND PLANT MATERIAL. FINAL LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE.
- 3 ALTHOUGH IRRIGATION COMPONENTS MAY BE SHOWN NEAR EXISTING UTILITIES FOR CLARITY, CONTRACTOR TO ENSURE THAT ALL IRRIGATION PIPE, WIRING, AND SLEEVES ARE INSTALLED WITHOUT INTERFERING WITH THESE UTILITIES.

ESTIMATED ANNUAL WATER USE

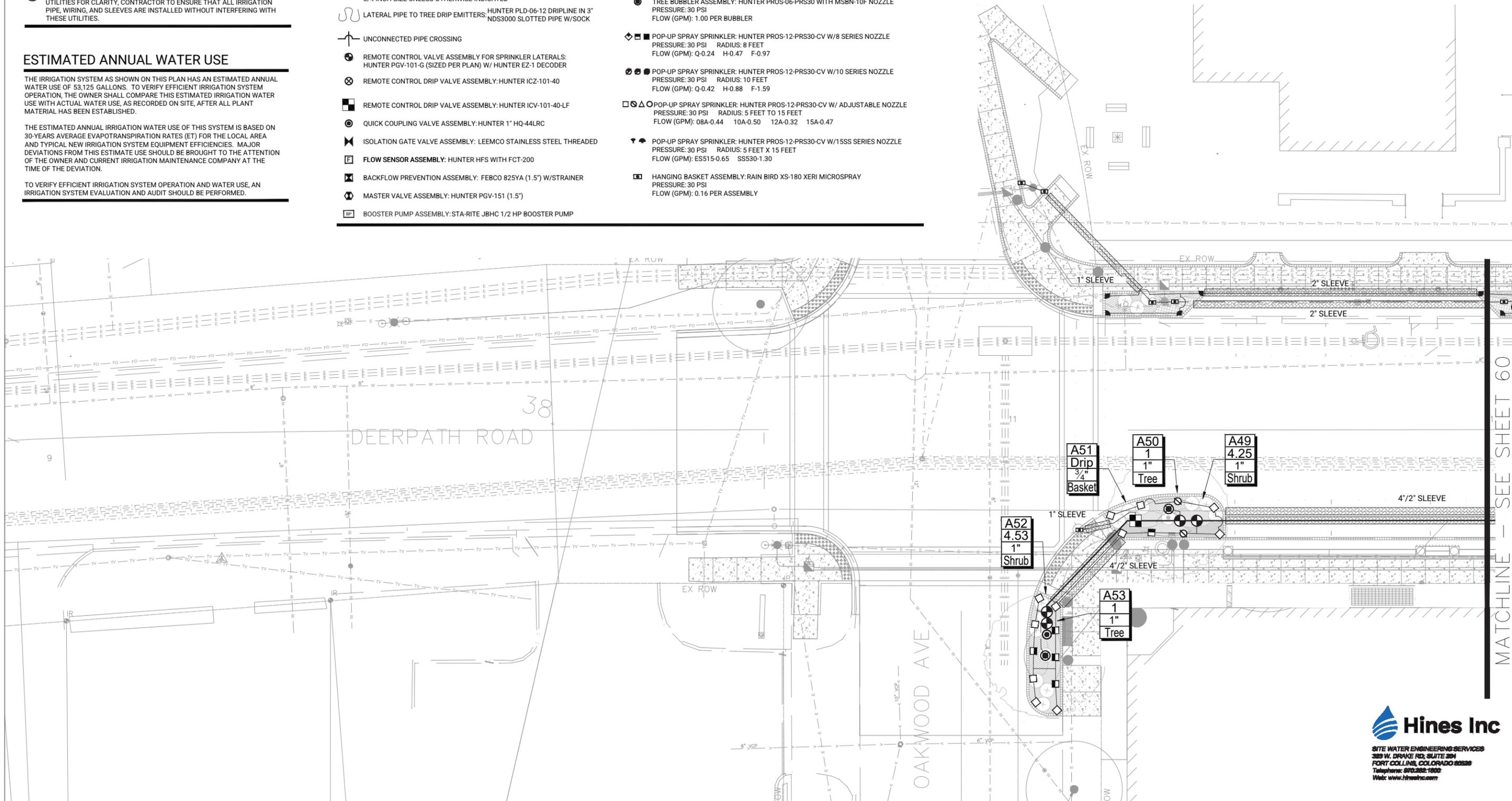
THE IRRIGATION SYSTEM AS SHOWN ON THIS PLAN HAS AN ESTIMATED ANNUAL WATER USE OF 53,125 GALLONS. TO VERIFY EFFICIENT IRRIGATION SYSTEM OPERATION, THE OWNER SHALL COMPARE THIS ESTIMATED IRRIGATION WATER USE WITH ACTUAL WATER USE, AS RECORDED ON SITE, AFTER ALL PLANT MATERIAL HAS BEEN ESTABLISHED.

THE ESTIMATED ANNUAL IRRIGATION WATER USE OF THIS SYSTEM IS BASED ON 30-YEARS AVERAGE EVAPOTRANSPIRATION RATES (ET) FOR THE LOCAL AREA AND TYPICAL NEW IRRIGATION SYSTEM EQUIPMENT EFFICIENCIES. MAJOR DEVIATIONS FROM THIS ESTIMATE USE SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND CURRENT IRRIGATION MAINTENANCE COMPANY AT THE TIME OF THE DEVIATION.

TO VERIFY EFFICIENT IRRIGATION SYSTEM OPERATION AND WATER USE, AN IRRIGATION SYSTEM EVALUATION AND AUDIT SHOULD BE PERFORMED.

IRRIGATION LEGEND

- SLEEVES: CLASS 200 PVC UNLESS OTHERWISE INDICATED
- POINT-OF-CONNECTION ASSEMBLY
- MAINLINE PIPE: HDPE SDR 13.5
2-INCH SIZE UNLESS OTHERWISE INDICATED
- LATERAL PIPE TO SPRINKLERS: HD100 PE
1-INCH SIZE UNLESS OTHERWISE INDICATED
- LATERAL PIPE TO TREE EMITTERS: HD100 PE
1-INCH SIZE UNLESS OTHERWISE INDICATED
- LATERAL PIPE TO HANGING BASKET ASSEMBLY: HUNTER HDL-BLNK
3/4-INCH SIZE UNLESS OTHERWISE INDICATED
- LATERAL PIPE TO TREE DRIP EMITTERS: HUNTER PLD-06-12 DRIPLINE IN 3" NDS3000 SLOTTED PIPE W/SOCK
- UNCONNECTED PIPE CROSSING
- REMOTE CONTROL VALVE ASSEMBLY FOR SPRINKLER LATERALS: HUNTER PGV-101-G (SIZED PER PLAN) W/ HUNTER EZ-1 DECODER
- REMOTE CONTROL DRIP VALVE ASSEMBLY: HUNTER ICZ-101-40
- REMOTE CONTROL DRIP VALVE ASSEMBLY: HUNTER ICV-101-40-LF
- QUICK COUPLING VALVE ASSEMBLY: HUNTER 1" HQ-44LRC
- ISOLATION GATE VALVE ASSEMBLY: LEEMCO STAINLESS STEEL THREADED
- FLOW SENSOR ASSEMBLY: HUNTER HFS WITH FCT-200
- BACKFLOW PREVENTION ASSEMBLY: FEBCO 825YA (1.5") W/STRAINER
- MASTER VALVE ASSEMBLY: HUNTER PGV-151 (1.5")
- BOOSTER PUMP ASSEMBLY: STA-RITE JBHC 1/2 HP BOOSTER PUMP
- INDICATES CONTROLLER AND STATION NUMBER
- INDICATES LATERAL DISCHARGE (GPM)
- INDICATES VALVE SIZE (INCHES)
- INDICATES LANDSCAPE APPLICATION
- IRRIGATION CONTROLLER UNIT WITH HUNTER ICC2 STAINLESS STEEL WALL MOUNT CONTROLLER W/ EZ DECODERS
- WEATHER SENSOR: HUNTER WR-CLIK WITH WR-GUARD
- TREE BUBBLER ASSEMBLY: HUNTER PROS-06-PRS30 WITH MSBN-10F NOZZLE
PRESSURE: 30 PSI
FLOW (GPM): 1.00 PER BUBBLER
- POP-UP SPRAY SPRINKLER: HUNTER PROS-12-PRS30-CV W/8 SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 8 FEET
FLOW (GPM): Q-0.24 H-0.47 F-0.97
- POP-UP SPRAY SPRINKLER: HUNTER PROS-12-PRS30-CV W/10 SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 10 FEET
FLOW (GPM): Q-0.42 H-0.88 F-1.59
- POP-UP SPRAY SPRINKLER: HUNTER PROS-12-PRS30-CV W/ ADJUSTABLE NOZZLE
PRESSURE: 30 PSI RADIUS: 5 FEET TO 15 FEET
FLOW (GPM): 08A-0.44 10A-0.50 12A-0.32 15A-0.47
- POP-UP SPRAY SPRINKLER: HUNTER PROS-12-PRS30-CV W/15SS SERIES NOZZLE
PRESSURE: 30 PSI RADIUS: 5 FEET X 15 FEET
FLOW (GPM): ES515-0.65 SS530-1.30
- HANGING BASKET ASSEMBLY: RAIN BIRD XS-180 XERI MICROSpray
PRESSURE: 30 PSI
FLOW (GPM): 0.16 PER ASSEMBLY



MATCHLINE - SEE SHEET 60



THE LAKOTA GROUP
116 West Illinois Street
Floor 7
Chicago, Illinois 60654
p. 312.467.5445
thelakotagroup.com

USER NAME = LAKOTA	DESIGNED -- DM	REVISED --
PLOT SCALE = 1"=10'-0"	DRAWN -- DM	REVISED --
PLOT DATE = 09/30/2024	CHECKED -- DF	REVISED --
	DATE -- 09/30/2024	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IRRIGATION PLAN
DEERPETH ROAD**

SCALE: 1" = 10' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	59
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION NOTES

- 1 THE IRRIGATION SYSTEM POINT-OF-CONNECTION (POC) SHALL BE DOWNSTREAM OF THE IRRIGATION WATER TAP AND METER INSTALLED BY OTHERS AT THE APPROXIMATE LOCATION SHOWN. INSTALL BACKFLOW PREVENTION UNIT AND MASTER VALVE ASSEMBLY AS INDICATED. VERIFY EXACT LOCATION OF POC WITH OWNER'S REPRESENTATIVE.
- 2 WALL MOUNT THE IRRIGATION CONTROLLER AT THE APPROXIMATE LOCATION SHOWN. COORDINATE ELECTRICAL POWER TO THE CONTROLLER WITH THE OWNER'S REPRESENTATIVE. CARE SHOULD BE TAKEN TO INSTALL THE IRRIGATION CONTROLLER IN A LOCATION THAT IS ACCESSIBLE FOR MAINTENANCE, AND SCREENED FROM VIEW EITHER BEHIND ENTRY WALLS, NEXT TO BUILDINGS, OR BEHIND PLANT MATERIAL. FINAL LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE.
- 3 ALTHOUGH IRRIGATION COMPONENTS MAY BE SHOWN NEAR EXISTING UTILITIES FOR CLARITY, CONTRACTOR TO ENSURE THAT ALL IRRIGATION PIPE, WIRING, AND SLEEVES ARE INSTALLED WITHOUT INTERFERING WITH THESE UTILITIES.

ESTIMATED ANNUAL WATER USE

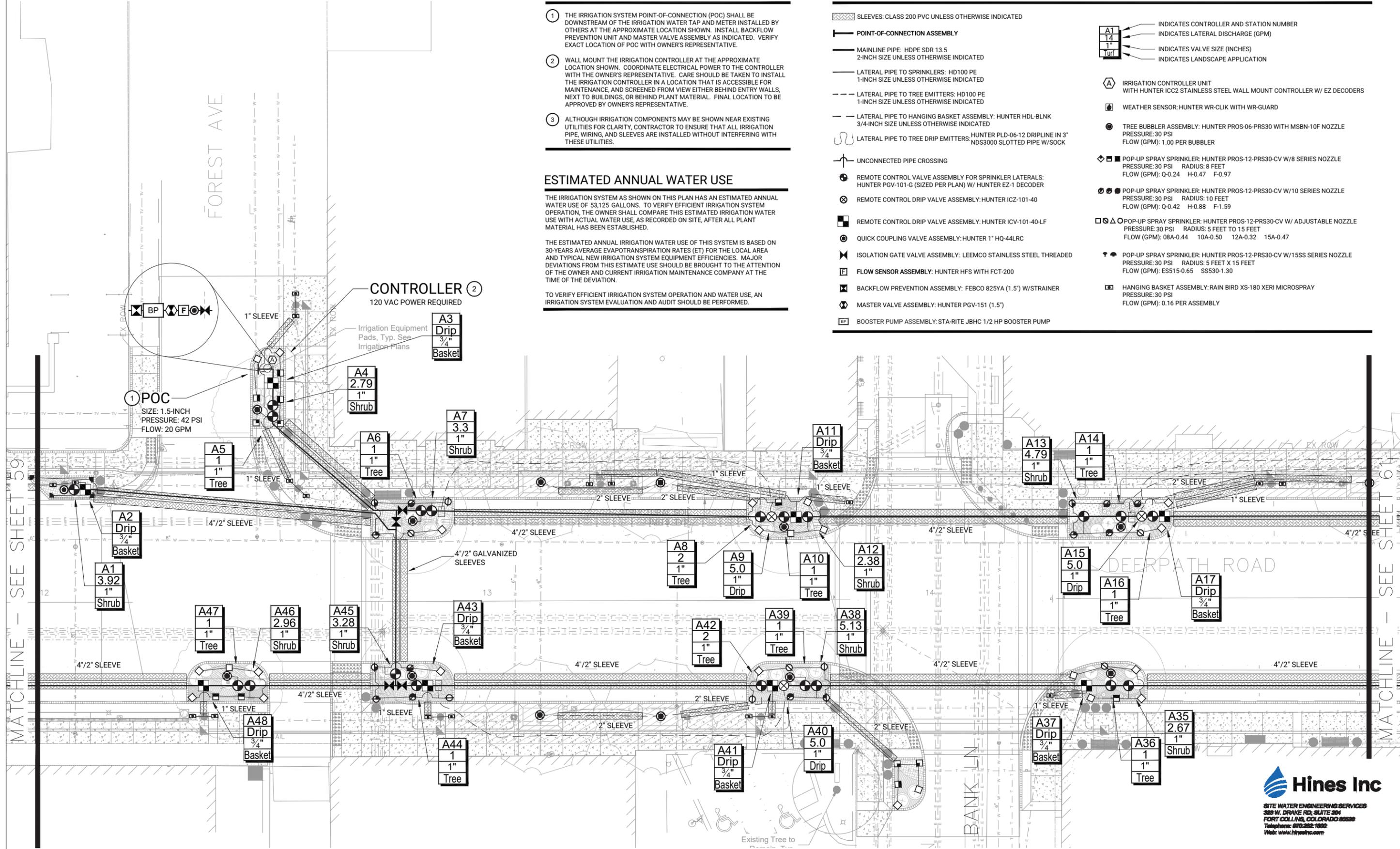
THE IRRIGATION SYSTEM AS SHOWN ON THIS PLAN HAS AN ESTIMATED ANNUAL WATER USE OF 53,125 GALLONS. TO VERIFY EFFICIENT IRRIGATION SYSTEM OPERATION, THE OWNER SHALL COMPARE THIS ESTIMATED IRRIGATION WATER USE WITH ACTUAL WATER USE, AS RECORDED ON SITE, AFTER ALL PLANT MATERIAL HAS BEEN ESTABLISHED.

THE ESTIMATED ANNUAL IRRIGATION WATER USE OF THIS SYSTEM IS BASED ON 30-YEARS AVERAGE EVAPOTRANSPIRATION RATES (ET) FOR THE LOCAL AREA AND TYPICAL NEW IRRIGATION SYSTEM EQUIPMENT EFFICIENCIES. MAJOR DEVIATIONS FROM THIS ESTIMATE USE SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND CURRENT IRRIGATION MAINTENANCE COMPANY AT THE TIME OF THE DEVIATION.

TO VERIFY EFFICIENT IRRIGATION SYSTEM OPERATION AND WATER USE, AN IRRIGATION SYSTEM EVALUATION AND AUDIT SHOULD BE PERFORMED.

IRRIGATION LEGEND

- ☒ SLEEVES: CLASS 200 PVC UNLESS OTHERWISE INDICATED
- POINT-OF-CONNECTION ASSEMBLY
- MAINLINE PIPE: HDPE SDR 13.5 2-INCH SIZE UNLESS OTHERWISE INDICATED
- LATERAL PIPE TO SPRINKLERS: HD100 PE 1-INCH SIZE UNLESS OTHERWISE INDICATED
- LATERAL PIPE TO TREE EMITTERS: HD100 PE 1-INCH SIZE UNLESS OTHERWISE INDICATED
- - - LATERAL PIPE TO HANGING BASKET ASSEMBLY: HUNTER HDL-BLNK 3/4-INCH SIZE UNLESS OTHERWISE INDICATED
- ~ LATERAL PIPE TO TREE DRIP EMITTERS: HUNTER PLD-06-12 DRILINE IN 3" NDS3000 SLOTTED PIPE W/SOCK
- ⊕ UNCONNECTED PIPE CROSSING
- ⊕ REMOTE CONTROL VALVE ASSEMBLY FOR SPRINKLER LATERALS: HUNTER PGV-101-G (SIZED PER PLAN) W/ HUNTER EZ-1 DECODER
- ⊗ REMOTE CONTROL DRIP VALVE ASSEMBLY: HUNTER ICZ-101-40
- ⊕ REMOTE CONTROL DRIP VALVE ASSEMBLY: HUNTER ICV-101-40-LF
- ⊕ QUICK COUPLING VALVE ASSEMBLY: HUNTER 1" HQ-44LRC
- ⊕ ISOLATION GATE VALVE ASSEMBLY: LEEMCO STAINLESS STEEL THREADED
- ⊕ FLOW SENSOR ASSEMBLY: HUNTER HFS WITH FCT-200
- ⊕ BACKFLOW PREVENTION ASSEMBLY: FEBCO 825YA (1.5') W/STRAINER
- ⊕ MASTER VALVE ASSEMBLY: HUNTER PGV-151 (1.5')
- ⊕ BOOSTER PUMP ASSEMBLY: STA-RITE JBHC 1/2 HP BOOSTER PUMP
- ⊕ INDICATES CONTROLLER AND STATION NUMBER
- ⊕ INDICATES LATERAL DISCHARGE (GPM)
- ⊕ INDICATES VALVE SIZE (INCHES)
- ⊕ INDICATES LANDSCAPE APPLICATION
- ⊕ IRRIGATION CONTROLLER UNIT WITH HUNTER IC2 STAINLESS STEEL WALL MOUNT CONTROLLER W/ EZ DECODERS
- ⊕ WEATHER SENSOR: HUNTER WR-CLIK WITH WR-GUARD
- ⊕ TREE BUBBLER ASSEMBLY: HUNTER PROS-06-PRS30 WITH MSBN-10F NOZZLE PRESSURE: 30 PSI FLOW (GPM): 1.00 PER BUBBLER
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- ⊕ HANGING BASKET ASSEMBLY: RAIN BIRD XS-180 XERI MICROSpray PRESSURE: 30 PSI FLOW (GPM): 0.16 PER ASSEMBLY



THE LAKOTA GROUP
 116 West Illinois Street
 Floor 7
 Chicago, Illinois 60654
 p. 312.467.5445
 thelakotagroup.com

USER NAME = LAKOTA	DESIGNED -- DM	REVISED --
PLOT SCALE = 1"=10'-0"	DRAWN -- DM	REVISED --
PLOT DATE = 09/30/2024	CHECKED -- DF	REVISED --
	DATE -- 09/30/2024	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IRRIGATION PLAN
DEERPATH ROAD

SCALE: 1" = 10' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	60
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	

Hines Inc
 SITE WATER ENGINEERING SERVICES
 389 W. DRAKE RD, SUITE 304
 FORT COLLINS, COLORADO 80526
 Telephone: 970.282.1000
 Web: www.hinesinc.com

CONSTRUCTION NOTES

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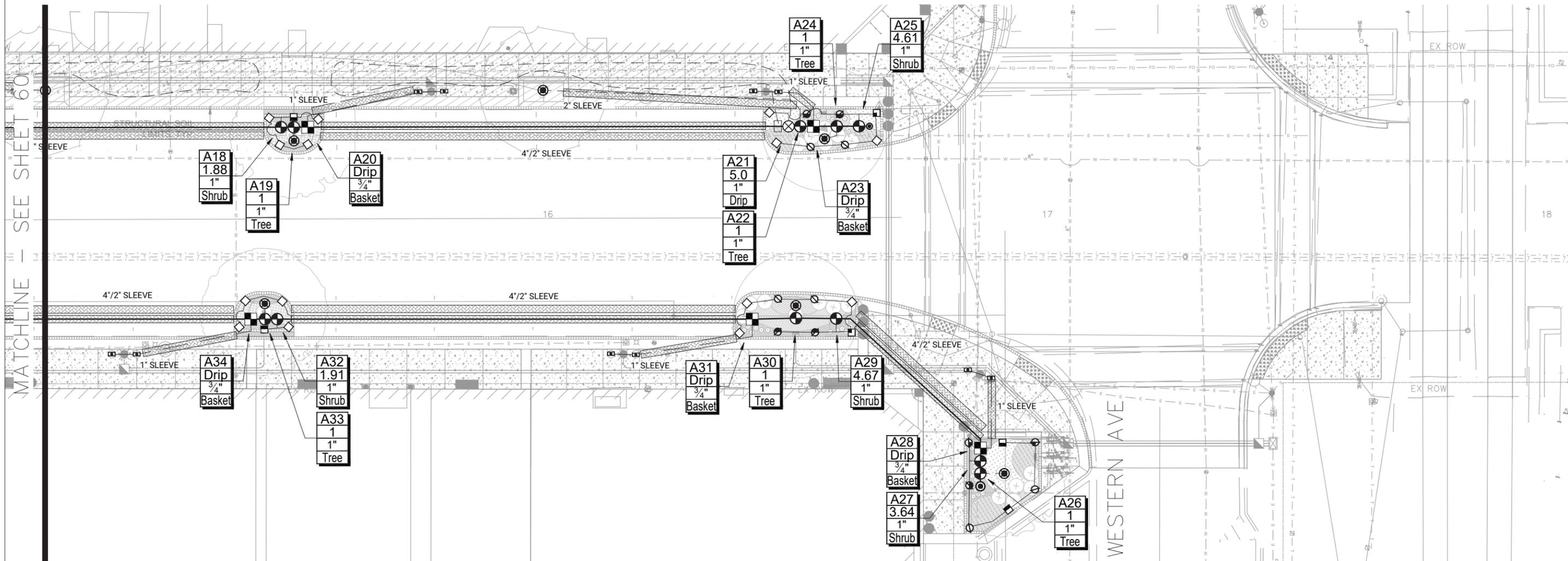
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IRRIGATION LEGEND

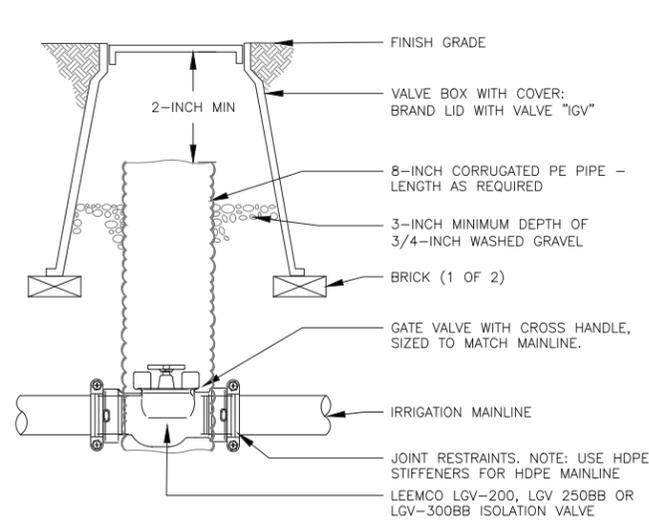
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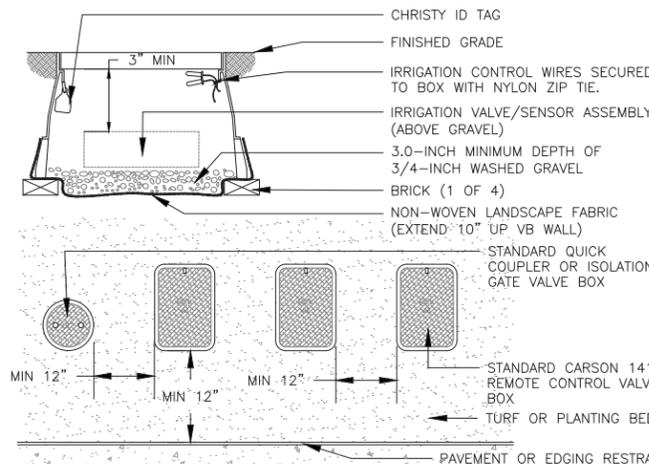


THE LAKOTA GROUP 116 West Illinois Street Floor 7 Chicago, Illinois 60654 p. 312.467.5445 thelakotagroup.com	USER NAME = LAKOTA	DESIGNED -- DM	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IRRIGATION PLAN DEERPETH ROAD	F.A.U. R.T.E. 1245	SECTION 19-00093-00SW	COUNTY LAKE	TOTAL SHEETS 133	SHEET NO. 61
	PLOT SCALE = 1"=10'-0"	CHECKED -- DF	REVISED --			SCALE: 1" = 10'	SHEET 4 OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 61L05	
	PLOT DATE = 09/30/2024	DATE -- 09/30/2024	REVISED --							



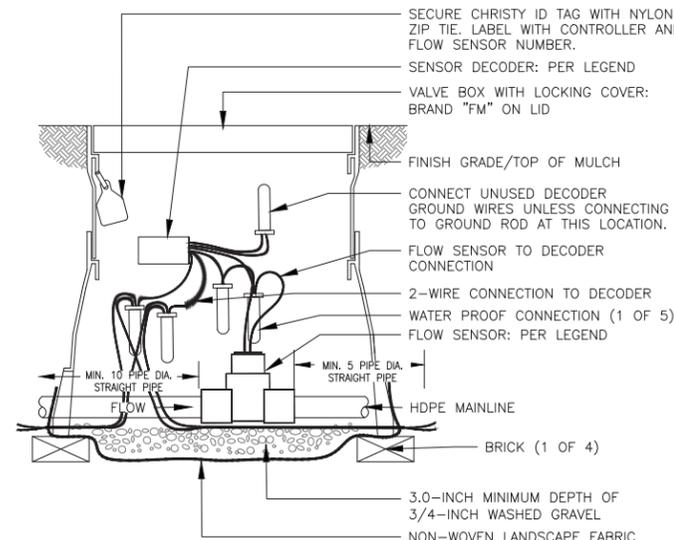
NOTES:
1. NOMINAL SIZE OF GATE VALVE TO MATCH NOMINAL MAINLINE SIZE.

1 ISOLATION GATE VALVE ASSEMBLY
2, 2.5 & 3-INCH MAINLINE

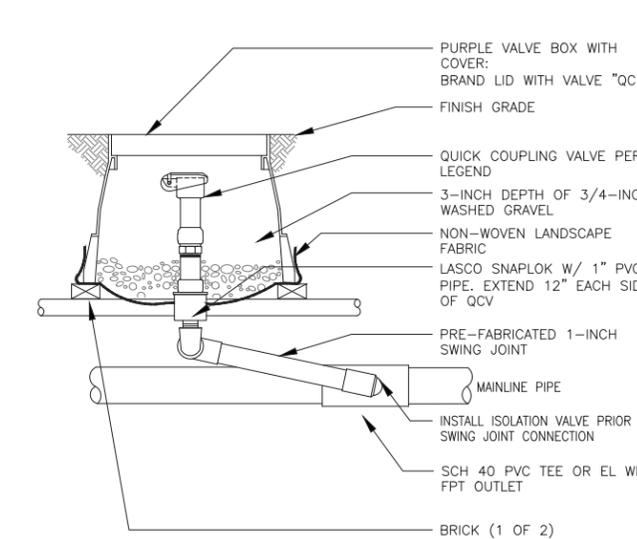


NOTES:
1. INSTALL ONLY ONE RCV TO VALVE BOX. LOCATE AT LEAST 12-INCHES FROM AND ALIGN WITH NEARBY WALLS OR EDGES OF PAVED AREAS. GROUP RCV ASSEMBLIES TOGETHER WHERE PRACTICAL.
4. GROUP RCV ASSEMBLIES TOGETHER WHERE PRACTICAL, BUT AVOID GROUPING MORE THAN THREE (3) STANDARD VALVE BOXES TOGETHER IN A SERIES.
5. ARRANGE GROUPED VALVE BOXES IN RECTANGULAR PATTERNS.

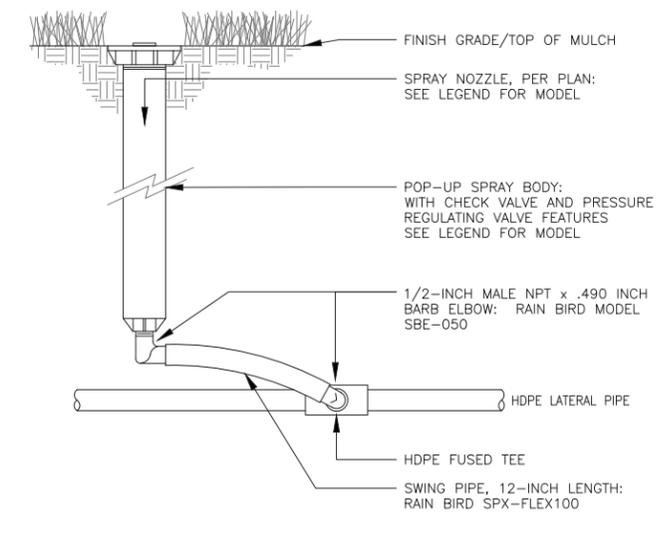
5 TYPICAL VALVE BOX INSTALLATION



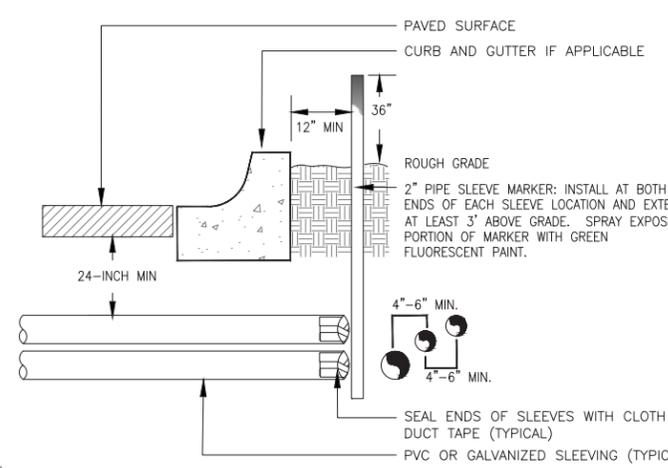
2 FLOW SENSOR ASSEMBLY



6 QUICK COUPLING VALVE ASSEMBLY

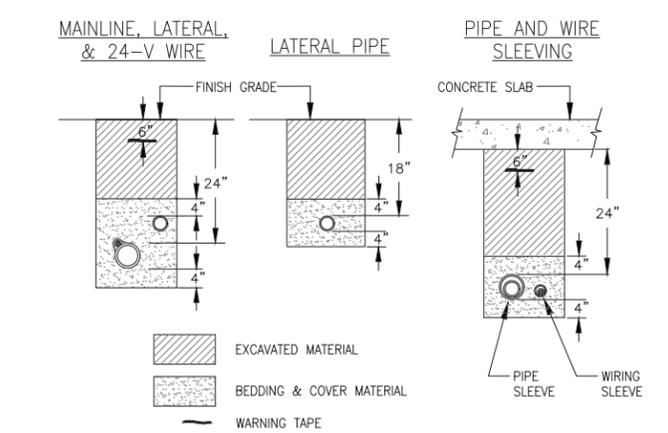


3 12-INCH POP UP SPRAY SPRINKLER ASSEMBLY



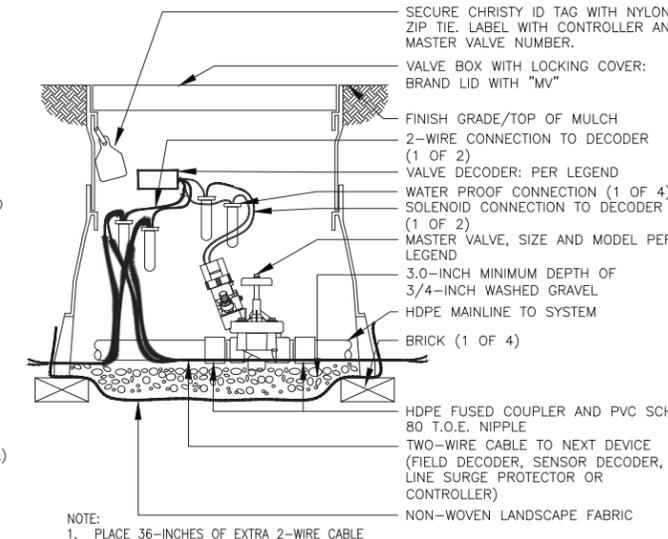
NOTE:
1) ALL SLEEVING TO BE CLASS 200 BE PVC, SIZED AS NOTED.
2) INSTALL SLEEVES IN SIDE-BY-SIDE CONFIGURATION WHERE MULTIPLE SLEEVES ARE TO BE INSTALLED. SPACE SLEEVES 4" TO 6" APART. DO NOT STACK SLEEVES VERTICALLY.

7 TYPICAL SLEEVING DETAIL



NOTES:
1. SLEEVE ALL PIPE AND WIRE SEPARATELY.
2. ALL PIPE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. "SNAKE" UNSLEEVED PLASTIC PIPE IN TRENCH. PROVIDE A MINIMUM OF 2" CLEARANCE TO SIDE OF TRENCH AND BETWEEN PIPES.
3. ALL 120-V WIRING SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS. PROVIDE LOOSE 20" LOOP OF 2-WIRE CABLE AT ALL CHANGES OF DIRECTION OVER 30 DEGREES.

4 TYPICAL TRENCHING DETAIL

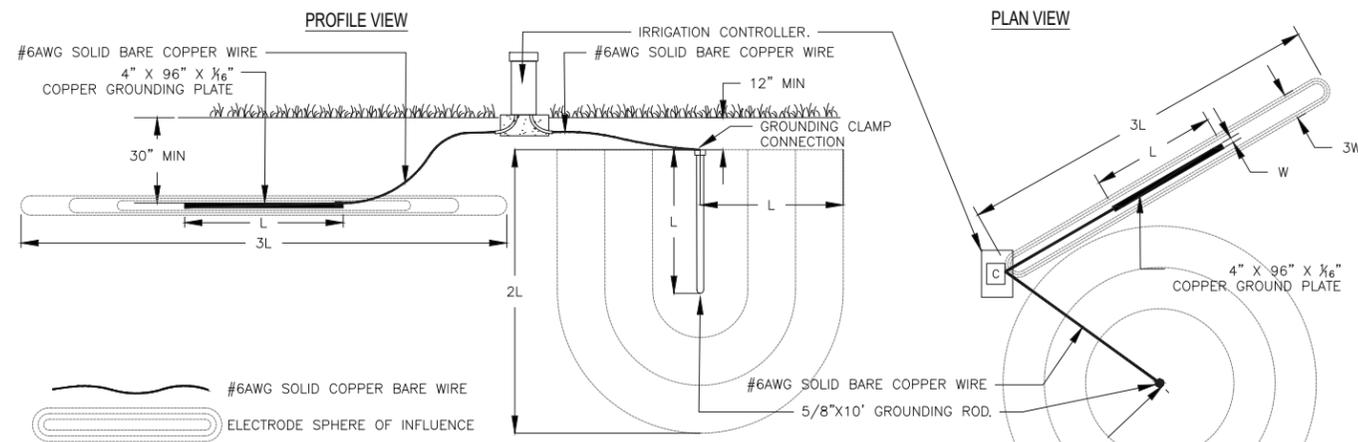


NOTE:
1. PLACE 36-INCHES OF EXTRA 2-WIRE CABLE IN EVERY VALVE BOX FOR EASIER SERVICING.

8 MASTER VALVE ASSEMBLY

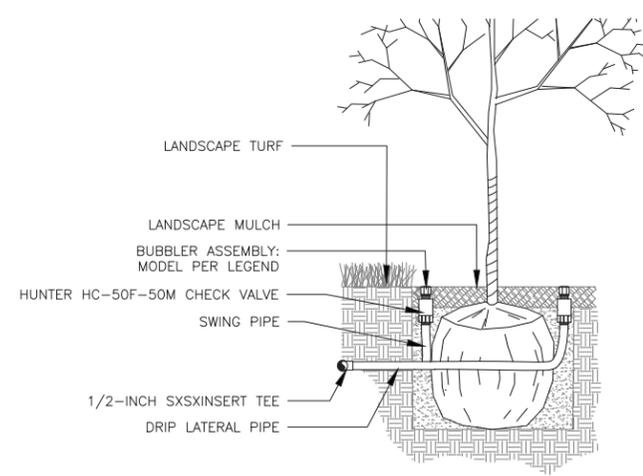
USER NAME = LAKOTA	DESIGNED -- DM	REVISED --
PLOT SCALE = 1"=10'-0"	DRAWN -- DM	REVISED --
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	62
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	



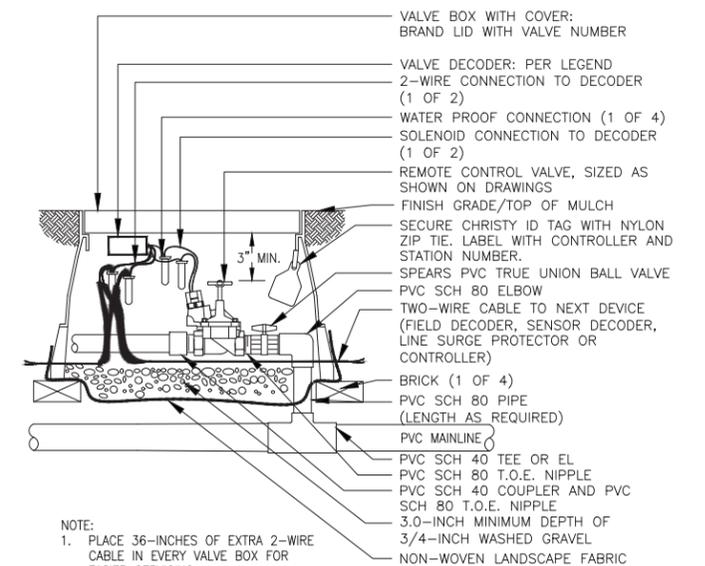
- NOTES:
1. INSTALL GROUNDING ROD OR PLATE BASED ON SITE CONDITIONS, DO NOT INSTALL BOTH.
 2. DO NOT INSTALL ANY OTHER WIRE OR CABLES INSIDE THE SPHERE OF INFLUENCE.
 3. INSTALL GROUNDING PLATE AT A MINIMUM OF 30-INCHES BELOW GRADE OR BELOW FROST-LINE, WHICHEVER IS DEEPER.
 4. TYPICAL INSTALLATION SHOWN FOR AN IRRIGATION CONTROLLER CAPACITY OF 64 STATIONS OR LESS, INSTALL AN ADDITIONAL GROUNDING ROD/PLATE PER 64 STATIONS.

9 TYPICAL IRRIGATION CONTROLLER GROUNDING ROD OR PLATE INSTALLATION



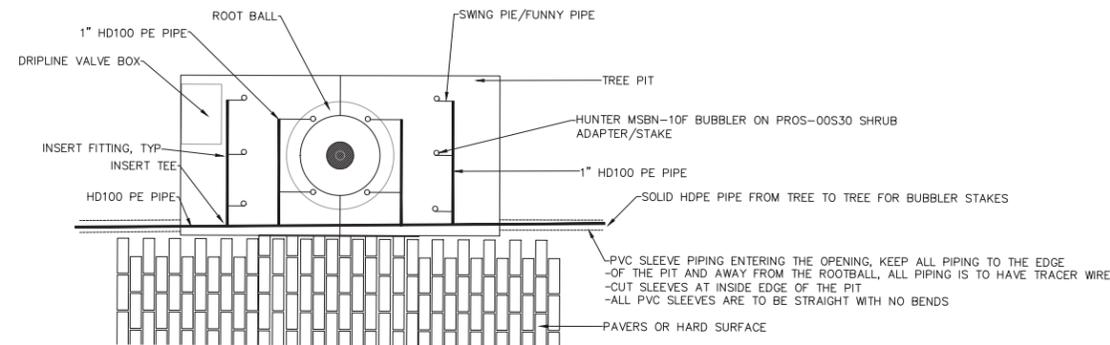
- NOTES:
1. REFER TO LANDSCAPE PLANS FOR TREE GRATE INSTALLATION AND DETAILS.

10 BUBBLER ASSEMBLY FOR TREES IN SHRUB BEDS



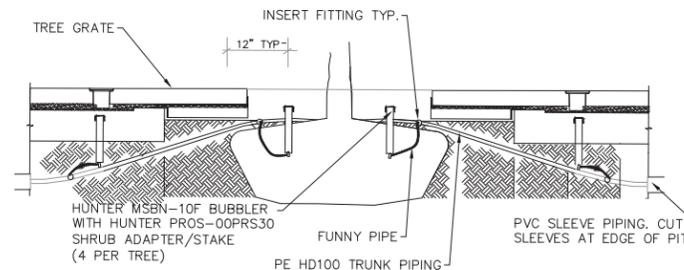
- NOTE:
1. PLACE 36-INCHES OF EXTRA 2-WIRE CABLE IN EVERY VALVE BOX FOR EASIER SERVICING.

11 REMOTE CONTROL SPRINKLER VALVE ASSEMBLY



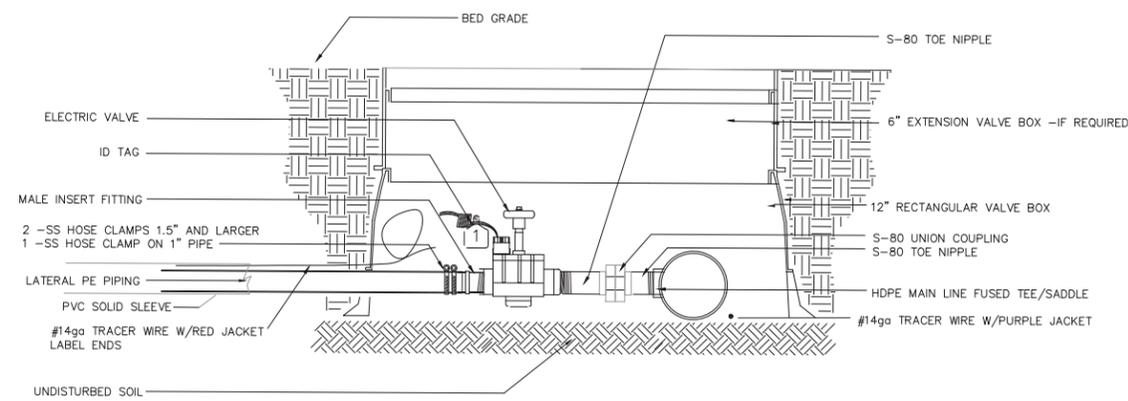
12 BUBBLERS IN TREE GRATE

NO SCALE



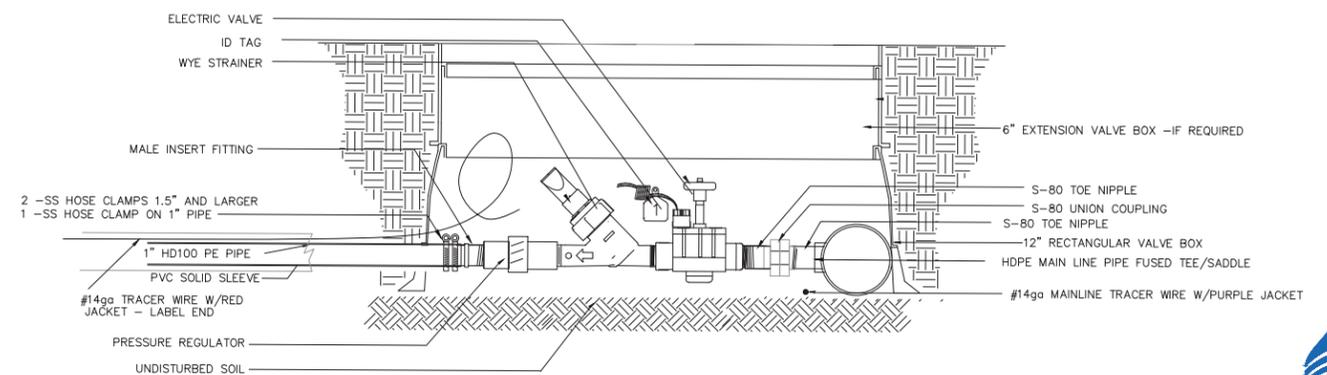
13 BUBBLER AT TREE BALL/GRATE SECTION

NO SCALE



14 ELECTRIC VALVE - PE PIPE TO TREE GRATE BEGINNING IN PLANTING BEDS

NO SCALE



15 ELECTRIC VALVE - PE PIPE - DRIP ZONE BEGINNING IN PLANTING BEDS

NO SCALE

STATE OF ILLINOIS

COUNTY OF LAKE

DIVISION OF TRANSPORTATION

PLAT OF HIGHWAYS

ROUTE: F.A.U. 1245 (DEERPATH ROAD)

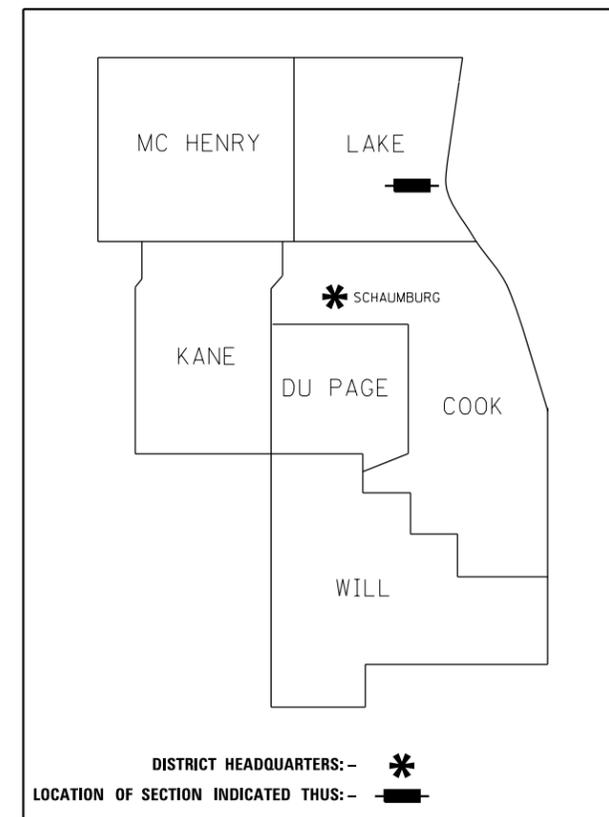
SECTION: 19-00093-00-SW

COUNTY: LAKE

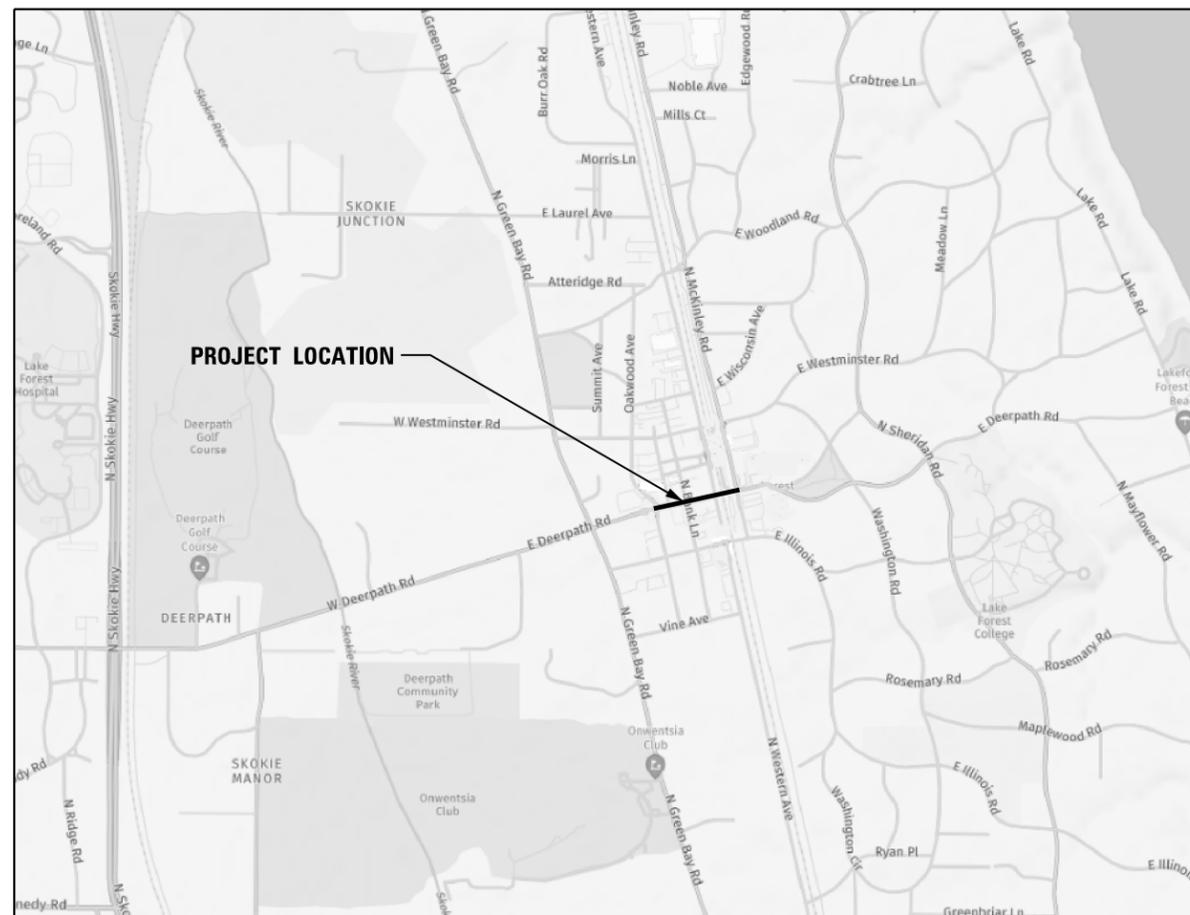
LIMITS: DEERPATH ROAD

FROM GREEN BAY ROAD TO WESTERN AVENUE

STATE JOB NO: R-91-022-24; STATE PROJECT NO: TVMP(563)



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



LOCATION MAP

CONTRACT NO. 61L05
SHEET 65 OF 133

thomas
engineering group
service of the highest grade

thomas engineering group, llc
2625 butterfield road
suite 209w
oak brook, il 60523
phone: 855-533-1700

SHEET 1 OF 9 SHEETS
IDOT USE ONLY

PLAT OF HIGHWAYS INDEX SHEET

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0004PE	MIDWEST NATIONAL BANK OF LAKE FOREST, A NATIONAL BANKING ASSOCIATION	4	
0005TE	YOGESH GANDHI AND ASHA GANDHI, AS TRUSTEE'S OF THE ASHA GANDHI M.D., S.C. PROFIT SHARING PLAN AND TRUST, DATED MARCH 24, 1995		
0007PE-A 0007PE-B	CHICAGO TITLE LAND TRUST COMPANY, AS SUCCESSOR TRUSTEE AT ATG TRUST COMPANY, SUCCESSOR TRUSTEE TO THE NORTHERN TRUST BANK/LAKE FOREST, AS TRUSTEE UNDER TRUST AGREEMENT DATED JANUARY 30, 1998 AND KNOWN AS TRUST NUMBER 9495	5	
0008PE-A 0008PE-B	THE NORTHERN TRUST COMPANY, SUCCESSOR IN INTEREST TO FIRST NATIONAL BANK OF LAKE FOREST, A NATIONAL BANKING ASSOCIATION		
0009PE	THE FIRST NATIONAL BANK OF LAKE FOREST, A BANKING CORPORATION		
0010PE	FIRST NATIONAL BANK OF LAKE FOREST, A NATIONAL BANKING ASSOCIATION		
0007PE-B	CHICAGO TITLE LAND TRUST COMPANY, AS SUCCESSOR TRUSTEE AT ATG TRUST COMPANY, SUCCESSOR TRUSTEE TO THE NORTHERN TRUST BANK/LAKE FOREST, AS TRUSTEE UNDER TRUST AGREEMENT DATED JANUARY 30, 1998 AND KNOWN AS TRUST NUMBER 9495	6	
0011PE	DEERPATH WESTERN, LLC, A LIMITED LIABILITY COMPANY AS TO AN UNDIVIDED 80% INTEREST; AND 32 EAST WASHINGTON LLC, AN ILLINOIS LIMITED LIABILITY COMPANY AS TO AN UNDIVIDED 20% INTEREST		

NOTES:

1. THE NGS MONUMENT REFERENCED IN THE PREPARATION OF THIS PLAT IS NGS PID: AJ2863 ALSO KNOWN AS LAK21 1B.
2. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
3. BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
4. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.99996822.
5. AREAS SHOWN ON THIS PLAT ARE "GROUND".
6. DUE TO THE DOWNTOWN ASPECT OF BUILDINGS BEING ADJACENT TO EACH OTHER OR LOT LINES CROSSING THROUGH BUILDINGS, NOT ALL BUILDINGS WERE ABLE TO BE FULLY MEASURED.
7. GEWALT HAMILTON ASSOCIATES, INC. PERFORMED THE INITIAL PHASE 1 SURVEY FOR THIS PROJECT. THEY ALSO PLOTTED RIGHT-OF-WAY LINES AND PROPERTY LINES. THOMAS ENGINEERING REVIEWED THEIR SURVEY AND RIGHT-OF-WAY AND BUILT OFF THEIR TOPO AND PROPERTY BY PERFORMING PICK UP SURVEYS AND THIS PLAT OF HIGHWAYS.

FILE NAME = sht-poh-Deerpath-02.dgn



thomas engineering group, llc
2625 butterfield road
suite 209w
oak brook, il 60523
phone: 855-533-1700

CONTRACT NO. 61L05
SHEET 66 OF 133

IDOT USE ONLY

PLAT OF HIGHWAYS

CITY OF LAKE FOREST

(DEERPATH ROAD)

LIMITS: GREEN BAY RD TO UPRR COUNTY: LAKE
SECTION: 19-00093-00-SW JOB NO.: R-91-022-24
STA. TO STA.
SCALE: N/A SHEET 02 OF 09 SHEETS

**220 EAST DEERPATH
LAKE FOREST, IL 60045**

REVISION DATE: 01-02-2025 REVISION MADE BY: CDY

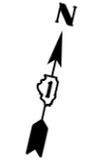
LEGEND



SECTION CORNER



QUARTER SECTION CORNER



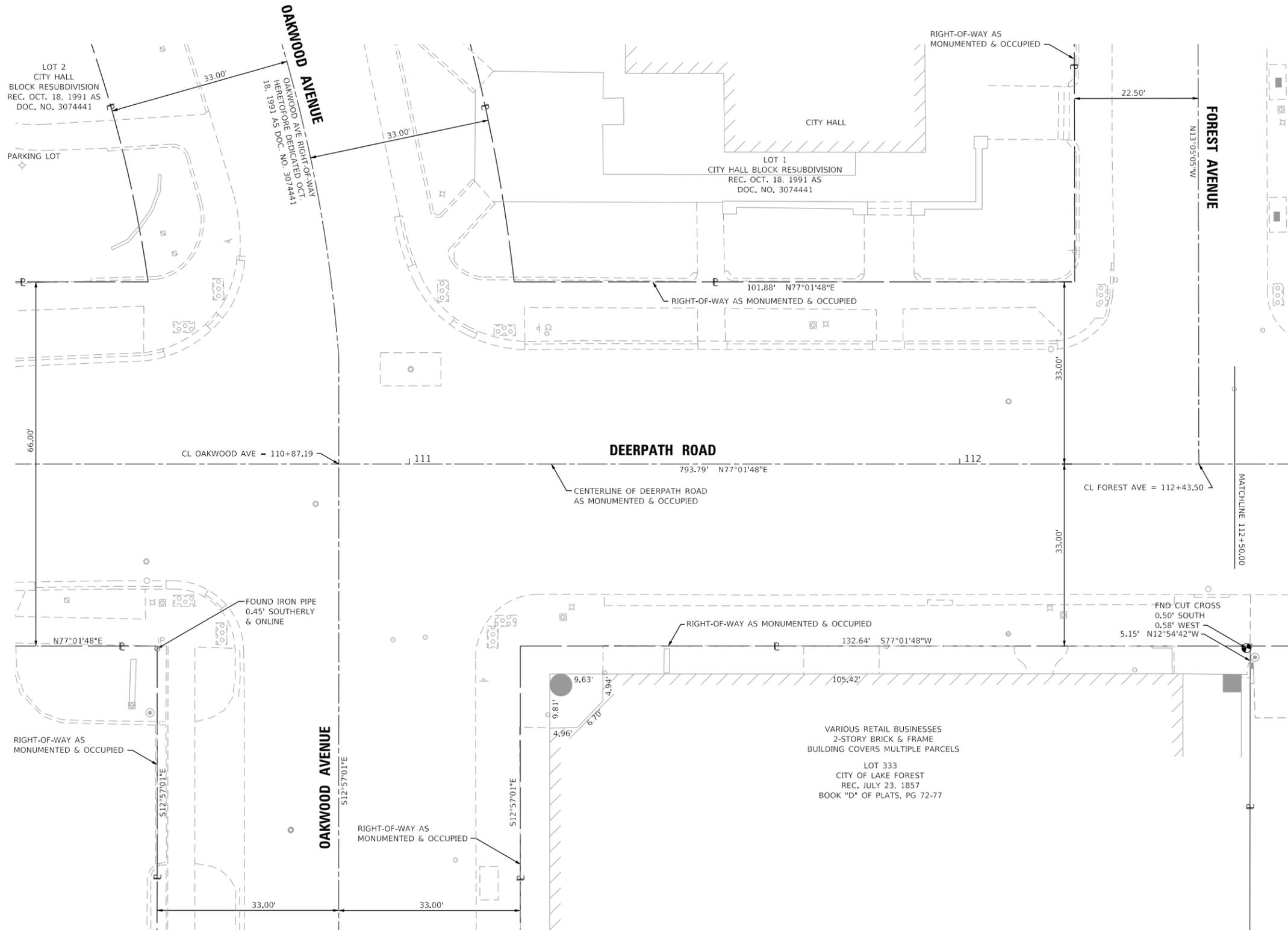
GRAPHIC SCALE
FEET
0 10
SCALE: 1" = 10'

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



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- M STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



STATE OF ILLINOIS)
)
COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT I, CHRISTOPHER DEYOUNG, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, THOMAS ENGINEERING GROUP AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-005183,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 44 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003817
LICENSE EXPIRATION DATE: NOV. 30, 2026

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



thomas engineering group, llc
2825 butterfield road
suite 209w
oak brook, il 60523
phone: 855-533-1700

PLAT OF HIGHWAYS

**CITY OF LAKE FOREST
(DEERPETH ROAD)**

CONTRACT NO. 61L05
SHEET 67 OF 133

IDOT USE ONLY

LIMITS: GREEN BAY RD TO UPRR COUNTY: LAKE
SECTION: 19-00093-00-SW JOB NO.: R-91-022-24
STA. 110+30 TO STA. 112+50
SCALE: 1"=10' SHEET 03 OF 09 SHEETS

EXISTING ALIGNMENT COORDINATES
P.I. 110+06.21 = 2034414.17, 1117199.94
P.I. 113+85.38 = 2034499.27, 1117569.44
P.I. 116+83.14 = 2034566.28, 1117859.56
P.I. 120+18.07 = 2034641.98, 1118185.82

**220 EAST DEERPETH
LAKE FOREST, IL 60045**

FILE NAME = sht:rpsh-Deerpeth-03.dgn

PART OF THE NORTHWEST QUARTER OF SECTION 33, TWP. 44 N., R. 12 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



SECTION CORNER



QUARTER SECTION CORNER



GRAPHIC SCALE
FEET
0 10
SCALE: 1" = 10'

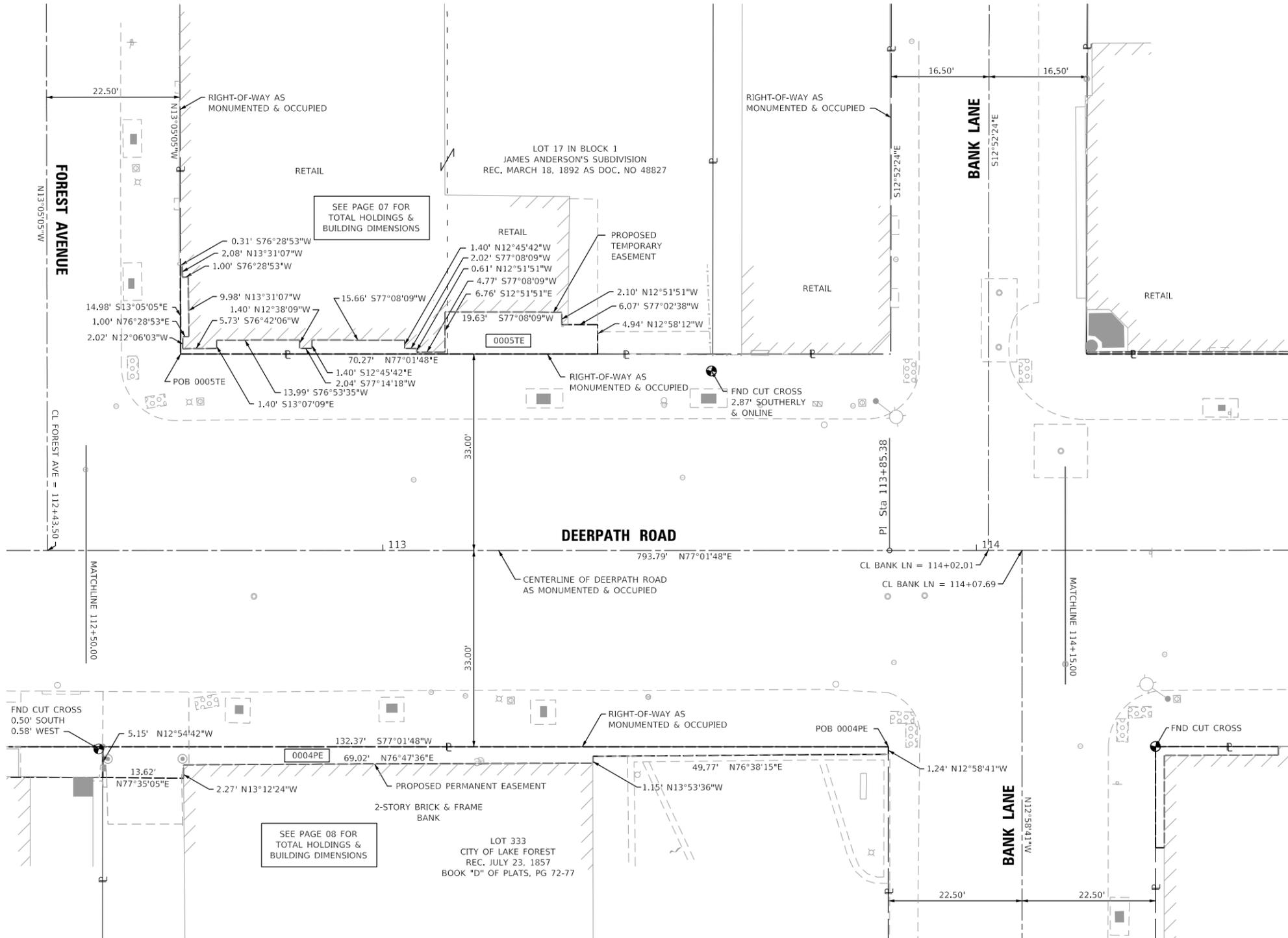
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE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



129.32'
(129.32')

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003817
LICENSE EXPIRATION DATE: NOV. 30, 2026
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thomas
engineering group
service at the highest grade.
thomas engineering group, llc
2625 butterfield road
suite 209w
oak brook, il 60523
phone: 855-533-1700

PROJECT COORDINATES														
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)														
ID	STATION	OFFSET	NORTHING	EASTING	ID	STATION	OFFSET	NORTHING	EASTING	ID	STATION	OFFSET	NORTHING	EASTING
0004PE	113+85.19	33.00' RT	2034467.07	1117576.66	0005TE	112+65.94	33.00' LT	2034504.62	1117445.63	0005TE	112+88.04	33.97' LT	2034510.52	1117466.96
	113+85.19	34.24' RT	2034465.86	1117576.94		112+65.91	47.98' LT	2034519.21	1117442.24		112+88.04	35.37' LT	2034511.89	1117466.65
	113+35.42	34.58' RT	2034454.36	1117528.52		112+66.21	47.99' LT	2034519.29	1117442.54		113+03.71	35.34' LT	2034515.37	1117481.92
	113+35.44	35.73' RT	2034453.24	1117528.79		112+66.23	45.91' LT	2034517.26	1117443.03		113+03.70	33.94' LT	2034514.01	1117482.23
	112+66.42	36.01' RT	2034437.47	1117461.59		112+67.23	45.92' LT	2034517.50	1117444.00		113+05.73	33.93' LT	2034514.46	1117484.20
	112+66.43	38.28' RT	2034435.27	1117462.11		112+67.33	35.93' LT	2034507.79	1117446.33		113+05.73	33.33' LT	2034513.86	1117484.34
	112+52.81	38.15' RT	2034432.34	1117448.82		112+66.33	35.92' LT	2034507.55	1117445.36		113+10.49	33.32' LT	2034514.93	1117488.98
	112+52.82	33.00' RT	2034437.36	1117447.66		112+66.30	33.91' LT	2034505.58	1117445.78		113+10.51	40.08' LT	2034521.52	1117487.48
						112+72.02	33.94' LT	2034506.90	1117451.36		113+30.14	40.04' LT	2034525.89	1117506.62
						112+72.02	35.34' LT	2034508.26	1117451.04		113+30.13	37.94' LT	2034523.84	1117507.09
						112+86.01	35.37' LT	2034511.44	1117464.66		113+36.20	37.94' LT	2034525.21	1117513.00
						112+86.00	33.97' LT	2034510.07	1117464.97		113+36.20	33.00' LT	2034520.39	1117514.11

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0004PE	0.602	N/A	N/A	0.602	0.008	339	12-33-119-015
0005TE	0.310	N/A	N/A	0.310	0.006	265	12-33-113-005 12-33-113-006

EXISTING ALIGNMENT COORDINATES

P.I. 110+06.21	=	2034414.17,	1117199.94
P.I. 113+85.38	=	2034499.27,	1117569.44
P.I. 116+83.14	=	2034566.28,	1117859.56
P.I. 120+18.07	=	2034641.98,	1118185.82

CONTRACT NO. 61L05
SHEET 68 OF 133

IDOT USE ONLY

PLAT OF HIGHWAYS
CITY OF LAKE FOREST
(DEERPATH ROAD)

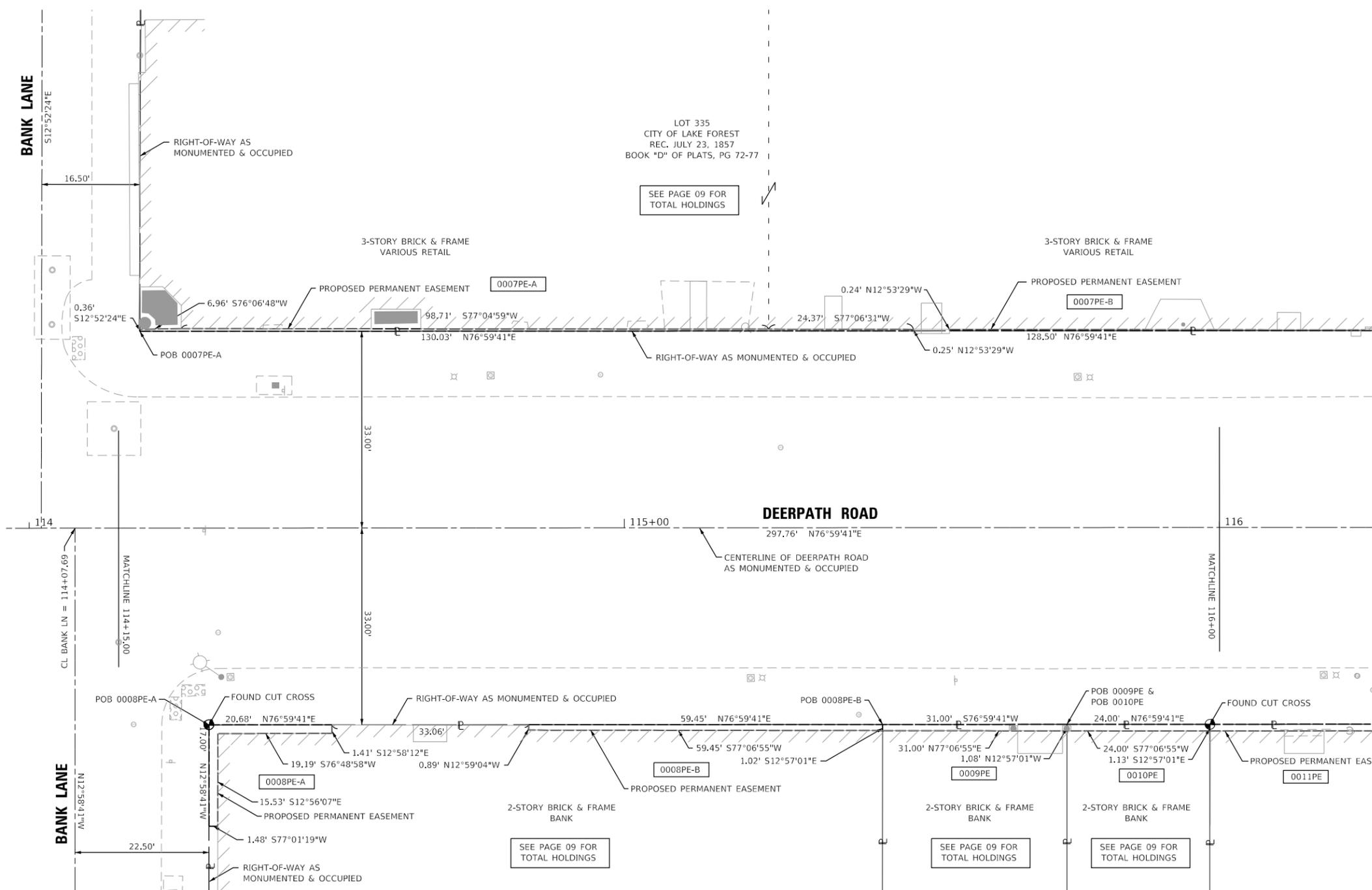
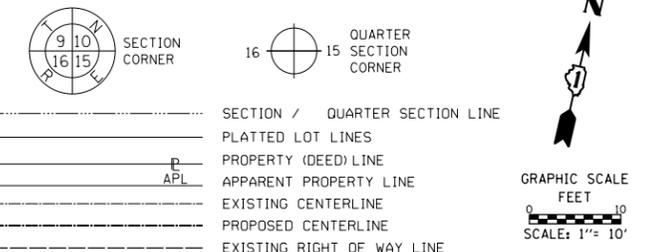
LIMITS: GREEN BAY RD TO UPRR COUNTY: LAKE
SECTION: 19-00093-00-SW JOB NO.: R-91-022-24
STA. 112+50 TO STA. 114+15
SCALE: 1"=10' SHEET 04 OF 09 SHEETS

220 EAST DEERPATH
LAKE FOREST, IL 60045

REVISION DATE: 01-02-2025 REVISION MADE BY: CDY

PART OF THE NORTHWEST QUARTER OF SECTION 33, TWP. 44 N., R. 12 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- RIGHT OF WAY STAKING PROPOSED TO BE SET
- ⊕ "MAG" NAIL SET
- 5 / 8" REBAR SET

STATE OF ILLINOIS)
 COUNTY OF DUPAGE)

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DATED AT _____, ILLINOIS THIS ___ DAY OF _____, 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003817
 LICENSE EXPIRATION DATE: NOV. 30, 2026

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

PROJECT COORDINATES									
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)									
ID	STATION	OFFSET	NORTHING	EASTING	ID	STATION	OFFSET	NORTHING	EASTING
0007PE-A	114+18.59	33.00' LT	2034538.89	1117594.37	0008PE-B	114+83.91	33.00' RT	2034489.29	1117672.87
	114+18.59	33.34' LT	2034539.23	1117594.29		115+43.36	33.00' RT	2034502.67	1117730.79
	115+24.25	33.30' LT	2034562.96	1117697.26		115+43.36	34.02' RT	2034501.68	1117731.02
	115+48.62	33.25' LT	2034568.40	1117721.01		114+83.91	33.89' RT	2034488.42	1117673.07
	115+48.62	33.00' LT	2034568.16	1117721.06		0009PE	115+43.36	33.00' RT	2034502.67
0007PE-B	115+54.67	33.00' LT	2034569.52	1117726.96	0010PE	115+74.36	33.00' RT	2034509.64	1117761.00
	115+54.67	33.24' LT	2034569.75	1117726.91	0011PE	115+98.36	33.00' RT	2034515.04	1117784.38
	116+70.95	33.01' LT	2034595.69	1117840.26	115+43.36	34.02' RT	2034501.68	1117731.02	
	116+78.49	40.66' LT	2034604.84	1117845.88	115+74.36	33.00' RT	2034509.64	1117761.00	
	116+78.42	61.06' LT	2034624.70	1117841.22	115+98.36	33.00' RT	2034515.04	1117784.38	
0008PE-A	114+30.17	33.00' RT	2034477.19	1117620.51	116+83.11	33.00' RT	2034534.12	1117866.96	
	114+30.16	50.00' RT	2034460.63	1117624.32	116+83.07	75.00' RT	2034493.18	1117876.37	
	114+50.85	34.41' RT	2034480.47	1117640.97	116+77.06	74.99' RT	2034491.84	1117870.52	
	114+31.66	34.47' RT	2034476.10	1117622.29	116+77.02	34.05' RT	2034531.73	1117861.26	
	114+31.64	50.00' RT	2034460.96	1117625.77	115+98.36	34.13' RT	2034513.94	1117784.64	

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0007PE-A 0007PE-B	0.802	N/A	N/A	0.802	0.001 0.004	40 176	12-33-116-004 12-33-116-005
0008PE-A 0008PE-B	0.249	N/A	N/A	0.249	0.001 0.001	53 57	12-33-120-001
0009PE	0.068	N/A	N/A	0.068	0.001	32	12-33-120-002
0010PE	0.053	N/A	N/A	0.053	0.001	27	12-33-120-003

EXISTING ALIGNMENT COORDINATES	
P.I. 110+06.21 =	2034414.17, 1117199.94
P.I. 113+85.38 =	2034499.27, 1117569.44
P.I. 116+83.14 =	2034566.28, 1117859.56
P.I. 120+18.07 =	2034641.98, 1118185.82

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PLAT OF HIGHWAYS
CITY OF LAKE FOREST
(DEERPETH ROAD)

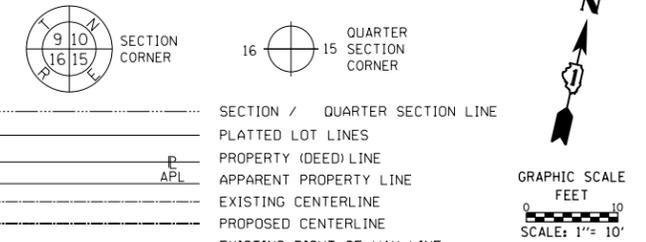
CONTRACT NO. 61L05
 SHEET 69 OF 133

LIMITS: GREEN BAY RD TO UPRR COUNTY: LAKE
 SECTION: 19-00093-00-SW JOB NO.: R-91-022-24
 STA. 114+15 TO STA. 116+00
 SCALE: 1"=10' SHEET 05 OF 09 SHEETS

220 EAST DEERPETH
LAKE FOREST, IL 60045

REVISION DATE: 03-21-2024 REVISION MADE BY: CDY

LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
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COUNTY OF DUPAGE)

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DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20__ A.D.

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LICENSE EXPIRATION DATE: NOV. 30, 2026

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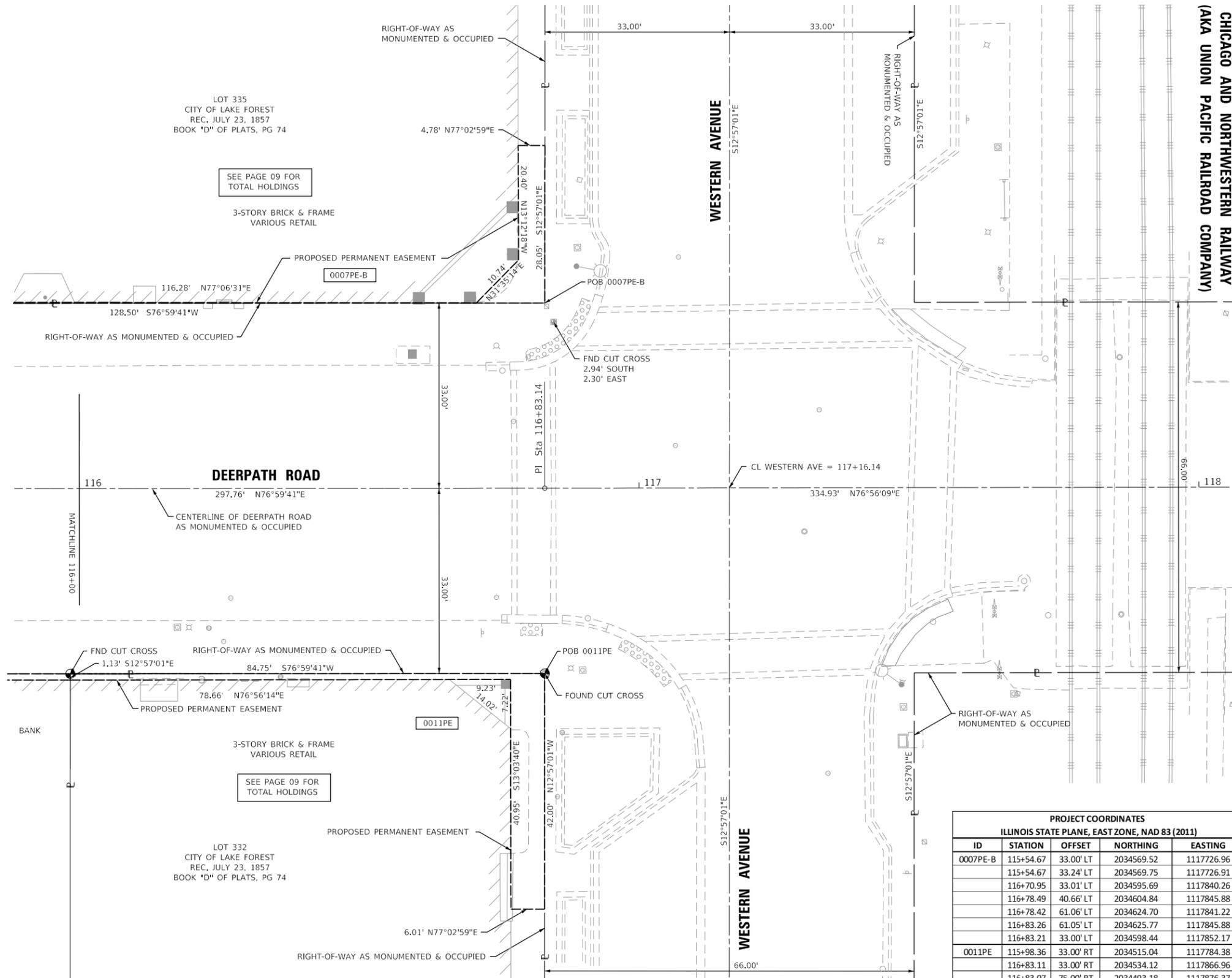
PLAT OF HIGHWAYS
CITY OF LAKE FOREST
(DEERPETH ROAD)

CONTRACT NO. 61L05
SHEET 70 OF 133

IDOT USE ONLY

LIMITS: GREEN BAY RD TO UPRR COUNTY: LAKE
SECTION: 19-00093-00-SW JOB NO.: R-91-022-24
STA. 116+00 TO STA. 118+00
SCALE: 1"=10' SHEET 06 OF 09 SHEETS

220 EAST DEERPETH
LAKE FOREST, IL 60045



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0007PE-A	0.802	N/A	N/A	0.802	0.001	40	12-33-116-004
0007PE-B	0.802	N/A	N/A	0.802	0.004	176	12-33-116-005
0011PE	0.187	N/A	N/A	0.187	0.008	340	12-33-120-004

EXISTING ALIGNMENT COORDINATES
P.L. 110+06.21 = 2034414.17, 1117199.94
P.L. 113+85.38 = 2034499.27, 1117569.44
P.L. 116+83.14 = 2034566.28, 1117859.56
P.L. 120+18.07 = 2034641.98, 1118185.82

PROJECT COORDINATES				
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)				
ID	STATION	OFFSET	NORTHING	EASTING
0007PE-B	115+54.67	33.00' LT	2034569.52	1117726.96
	115+54.67	33.24' LT	2034569.75	1117726.91
	116+70.95	33.01' LT	2034595.69	1117840.26
	116+78.49	40.66' LT	2034604.84	1117845.88
	116+78.42	61.06' LT	2034624.70	1117841.22
	116+83.26	61.05' LT	2034625.77	1117845.88
0011PE	116+83.21	33.00' LT	2034598.44	1117852.17
	115+98.36	33.00' RT	2034515.04	1117784.38
	116+83.11	33.00' RT	2034534.12	1117866.96
	116+83.07	75.00' RT	2034493.18	1117876.37
	116+77.06	74.99' RT	2034491.84	1117870.52
	116+77.02	34.05' RT	2034531.73	1117861.26
	115+98.36	34.13' RT	2034513.94	1117784.64

LEGEND



- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
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- PROPOSED ACCESS CONTROL LINE
- MEASURED / CALCULATED DIMENSION
- RECORDED DIMENSION
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BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

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DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003817
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PLAT OF HIGHWAYS

**CITY OF LAKE FOREST
(DEERPETH ROAD)**

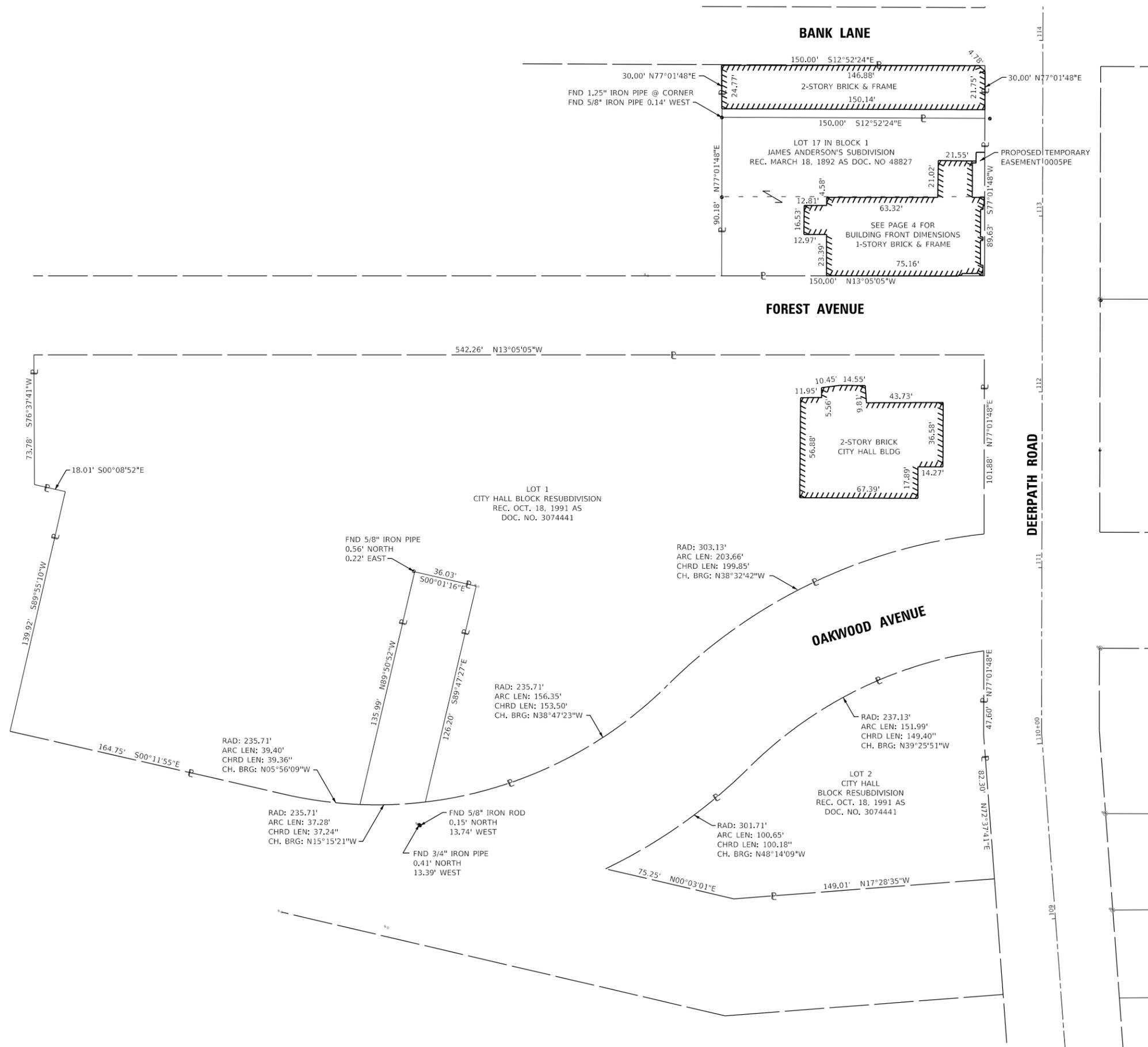
CONTRACT NO. 61L05
SHEET 71 OF 133

IDOT USE ONLY

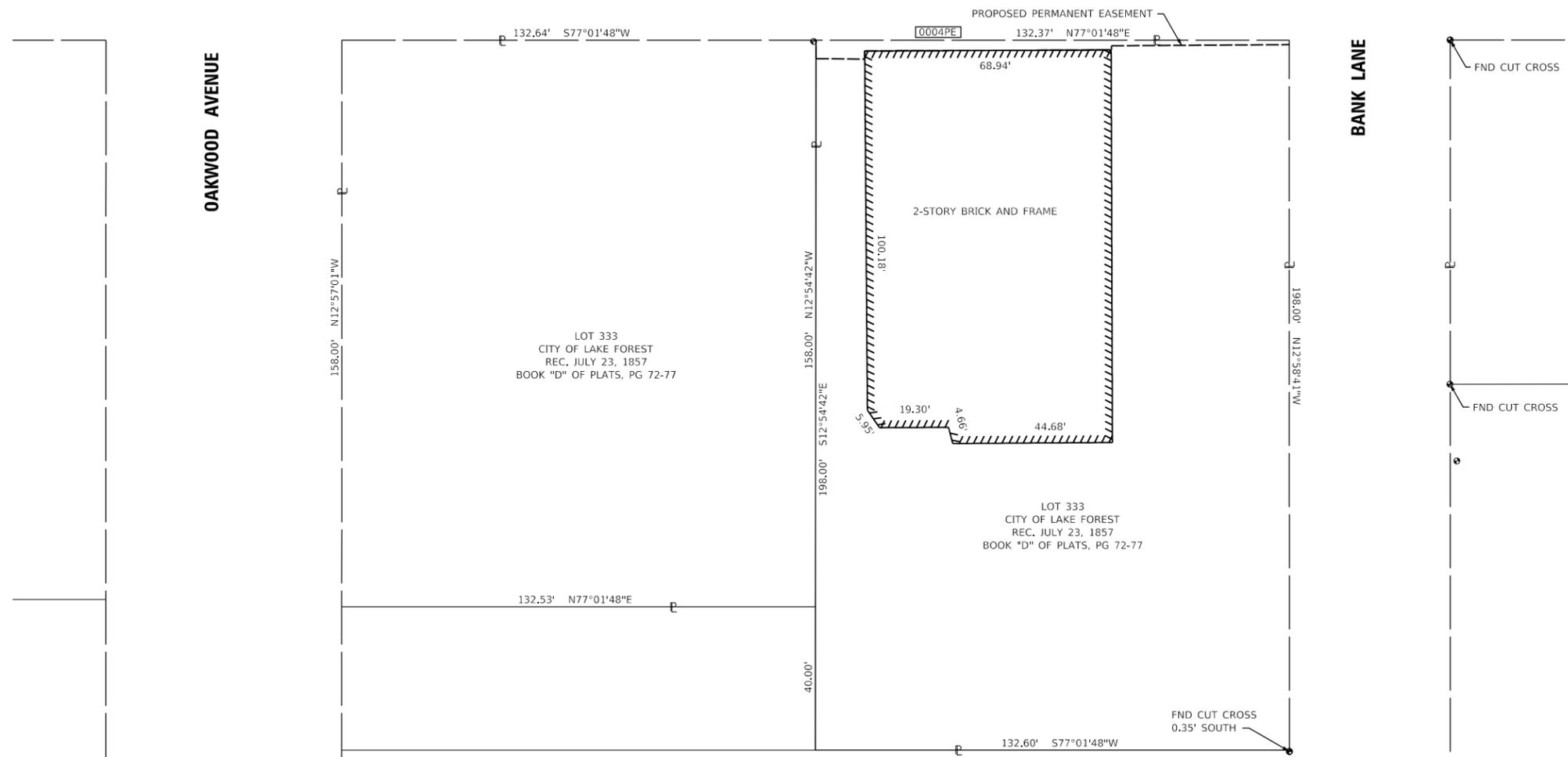
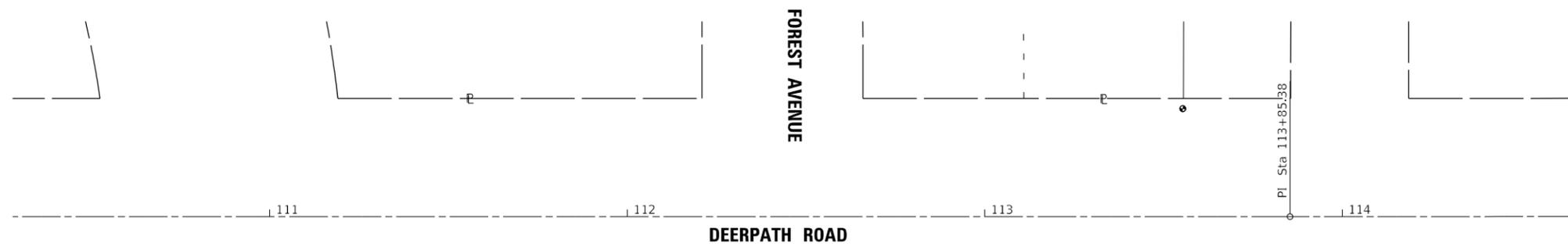
LIMITS: GREEN BAY RD TO UPRR COUNTY: LAKE
SECTION: 19-00093-00-SW JOB NO.: R-91-022-24
STA. 109+00 TO STA. 114+00
SCALE: 1"=30' SHEET 07 OF 09 SHEETS

**220 EAST DEERPETH
LAKE FOREST, IL 60045**

FILE NAME = sht:rpsh-Deerpeth-07.dgn



PART OF THE NORTHWEST QUARTER OF SECTION 33, TWP. 44 N., R. 12 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



LEGEND

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

- BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.
- IRON PIPE OR ROD FOUND
 - + CUT CROSS FOUND OR SET
 - STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET
 - ⊕ *MAG* NAIL SET
 - 5 / 8" REBAR SET

STATE OF ILLINOIS)
)
 COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT I, CHRISTOPHER DEYOUNG, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, THOMAS ENGINEERING GROUP AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-005183,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 44 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003817
 LICENSE EXPIRATION DATE: NOV. 30, 2026

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

thomas
 engineering group
 service at the highest grade

thomas engineering group, llc
 2825 butterfield road
 suite 209w
 oak brook, il 60523
 phone: 855-533-1700

CONTRACT NO. 61L05
 SHEET 72 OF 133

IDOT USE ONLY

PLAT OF HIGHWAYS
CITY OF LAKE FOREST
(DEERPETH ROAD)

LIMITS: GREEN BAY RD TO UPRR COUNTY: LAKE
 SECTION: 19-00093-00-SW JOB NO.: R-91-022-24
 STA. 111+00 TO STA. 114+00
 SCALE: 1"=20' SHEET 08 OF 09 SHEETS

220 EAST DEERPETH
LAKE FOREST, IL 60045

FILE NAME = sht-rpsh-Deerpeth-08.dgn

LEGEND



SECTION CORNER



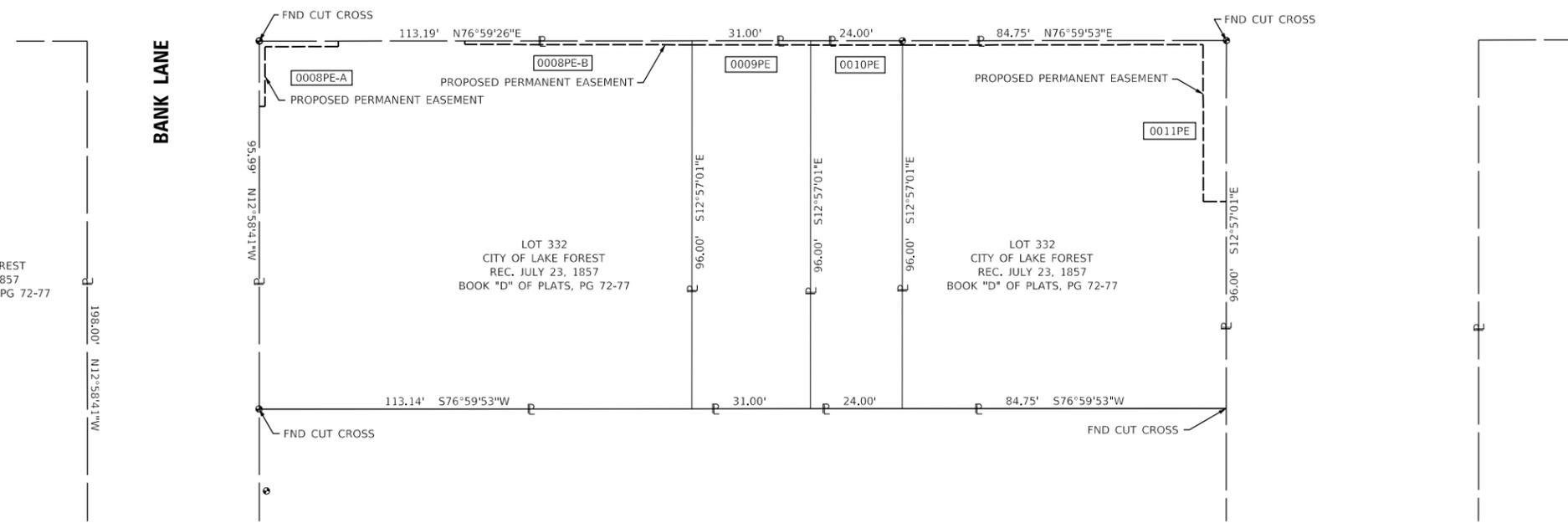
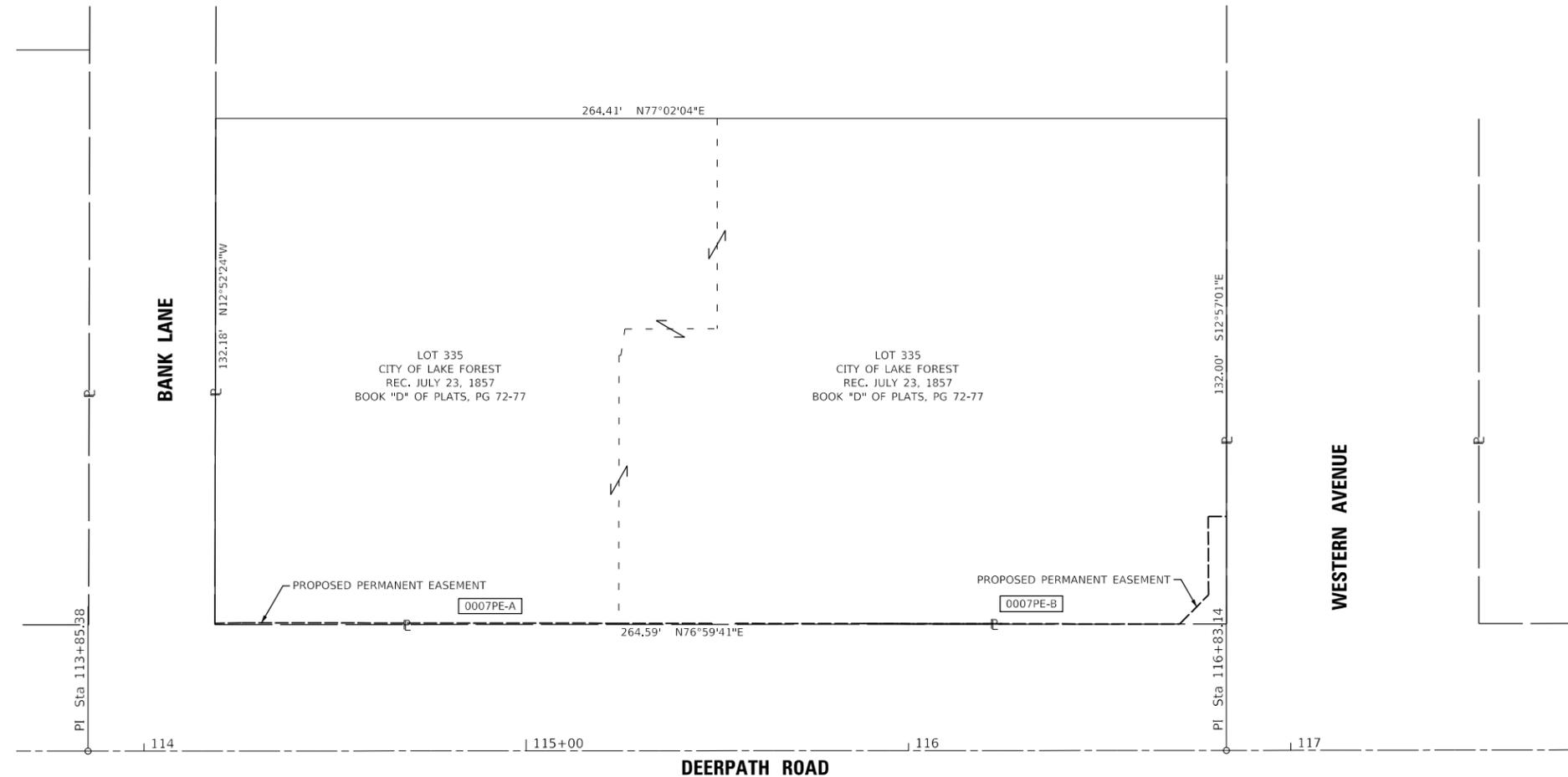
QUARTER SECTION CORNER

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



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



STATE OF ILLINOIS)
) SS
 COUNTY OF DUPAGE)

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DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003817
 LICENSE EXPIRATION DATE: NOV. 30, 2026

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CONTRACT NO. 61L05
 SHEET 73 OF 133

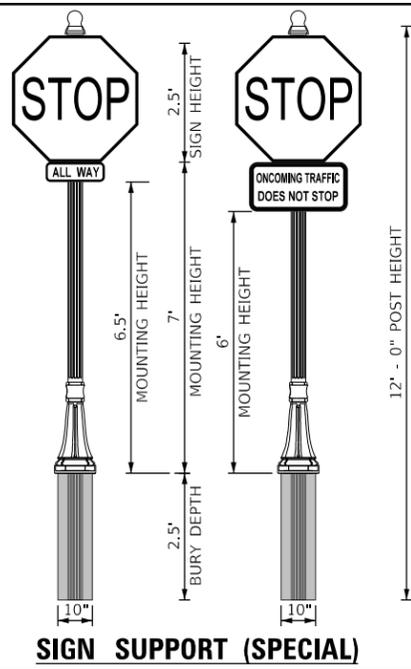
IDOT USE ONLY

LIMITS: GREEN BAY RD TO UPRR COUNTY: LAKE
 SECTION: 19-00093-00-SW JOB NO.: XX
 STA. 114+00 TO STA. 117+00
 SCALE: 1"=20' SHEET 09 OF 09 SHEETS

PLAT OF HIGHWAYS
 CITY OF LAKE FOREST
 (DEERPETH ROAD)

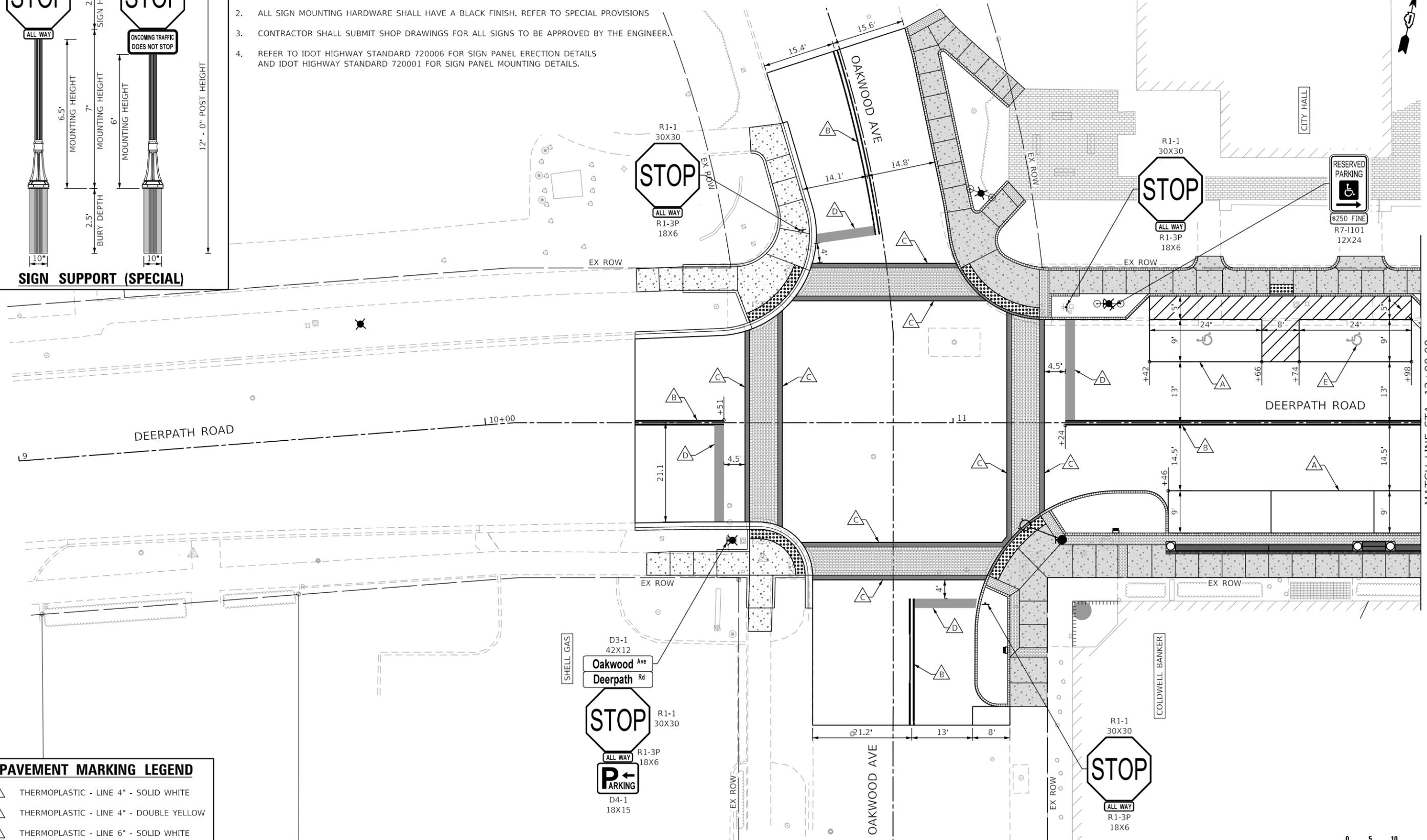
220 EAST DEERPETH
 LAKE FOREST, IL 60045

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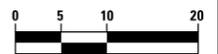
NOTES

1. REFER TO SPECIAL PROVISIONS "SIGN SUPPORT (SPECIAL)" FOR INFORMATION ON THE SUPPORT BASE, FLUTED POST, AND FINIAL. ALL COMPONENTS TO HAVE A BLACK FINISH.
2. ALL SIGN MOUNTING HARDWARE SHALL HAVE A BLACK FINISH. REFER TO SPECIAL PROVISIONS
3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL SIGNS TO BE APPROVED BY THE ENGINEER.
4. REFER TO IDOT HIGHWAY STANDARD 720006 FOR SIGN PANEL ERECTION DETAILS AND IDOT HIGHWAY STANDARD 720001 FOR SIGN PANEL MOUNTING DETAILS.



PAVEMENT MARKING LEGEND

- A THERMOPLASTIC - LINE 4" - SOLID WHITE
- B THERMOPLASTIC - LINE 4" - DOUBLE YELLOW
- C THERMOPLASTIC - LINE 6" - SOLID WHITE
- D THERMOPLASTIC - LINE 24" - SOLID WHITE
- E THERMOPLASTIC - LETTERS AND SYMBOLS



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: I:\projects\2022-003 Lake Forest Deerpath Streetscape E2105_CADD\01_MDD\03_SIT\Tent-pmk-deerpath01.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 20.0000 "/>		

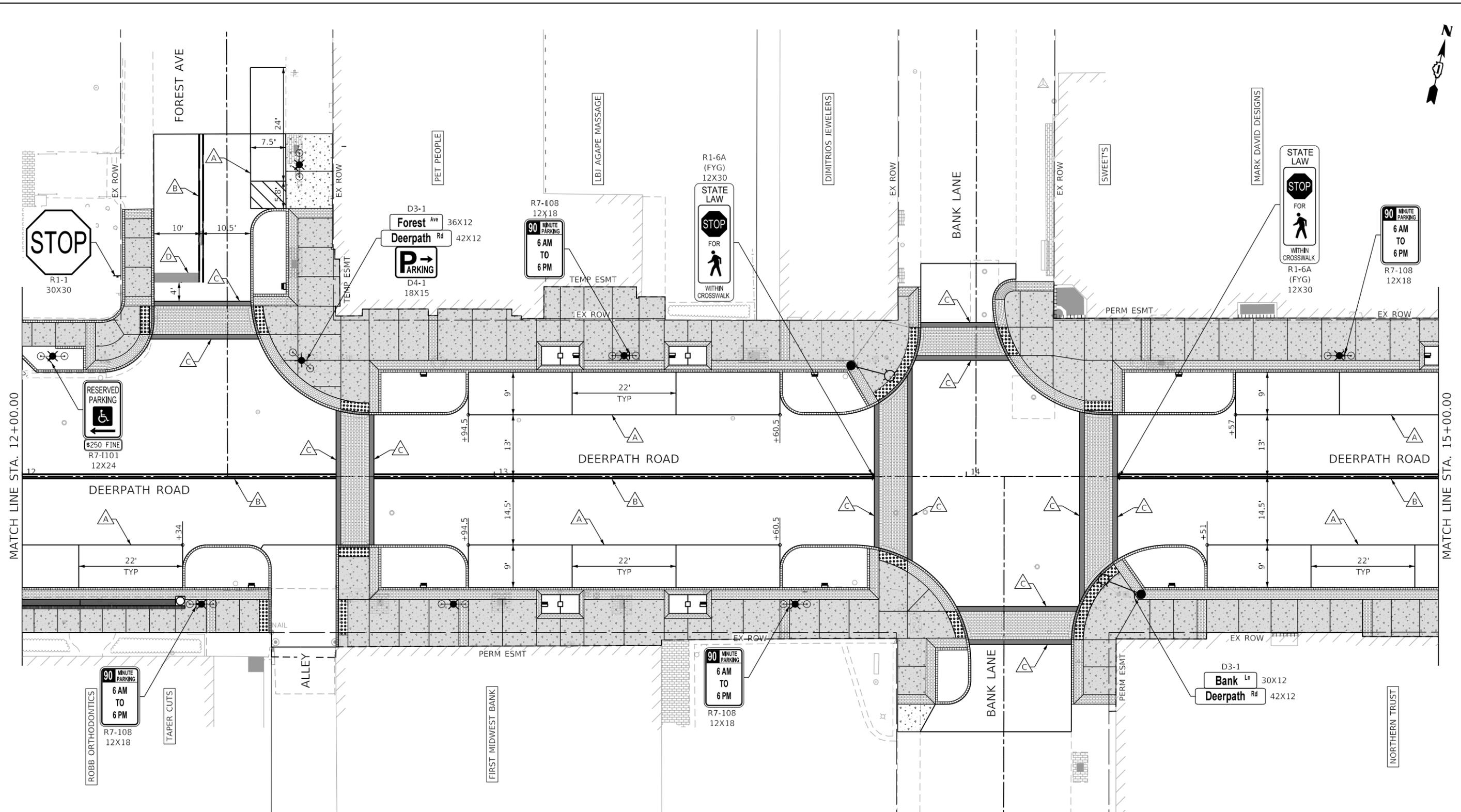
DRAWN - JBH	REVISED -
CHECKED - KVZ	REVISED -
DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
DEERPATH ROAD**

SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. 9+00 TO STA. 12+00

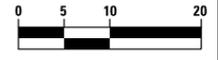
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	74
				CONTRACT NO. 61L05
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 12+00.00

MATCH LINE STA. 15+00.00

PAVEMENT MARKING LEGEND	
A	THERMOPLASTIC - LINE 4" - SOLID WHITE
B	THERMOPLASTIC - LINE 4" - DOUBLE YELLOW
C	THERMOPLASTIC - LINE 6" - SOLID WHITE
D	THERMOPLASTIC - LINE 24" - SOLID WHITE
E	THERMOPLASTIC - LETTERS AND SYMBOLS



HORIZONTAL SCALE IN FEET

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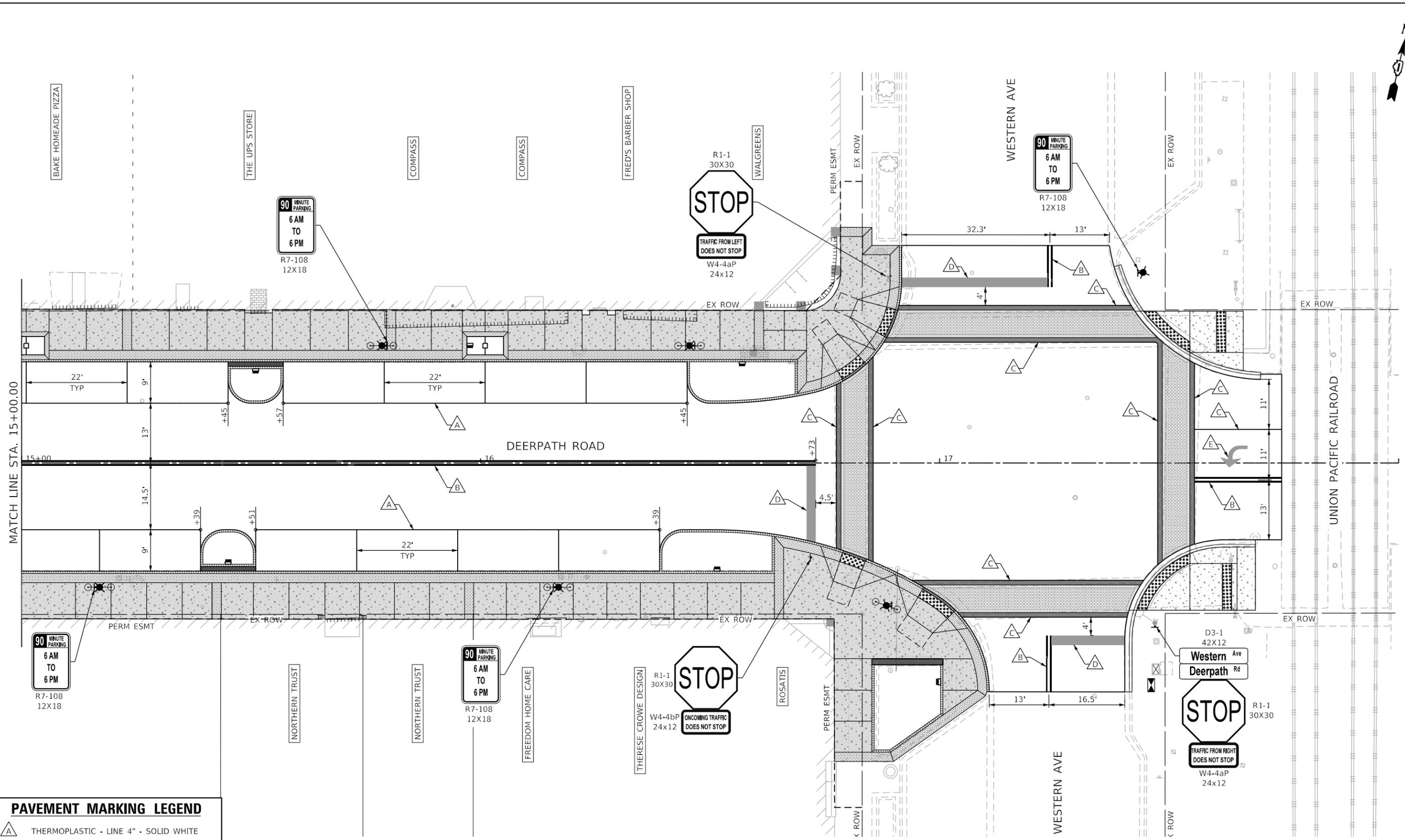
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PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
DEERPETH ROAD**

SCALE: 1"=10' SHEET 2 OF 3 SHEETS STA. 12+00 TO STA. 15+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	75
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

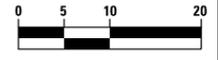


MATCH LINE STA. 15+00.00

UNION PACIFIC RAILROAD

PAVEMENT MARKING LEGEND

	THERMOPLASTIC - LINE 4" - SOLID WHITE
	THERMOPLASTIC - LINE 4" - DOUBLE YELLOW
	THERMOPLASTIC - LINE 6" - SOLID WHITE
	THERMOPLASTIC - LINE 24" - SOLID WHITE
	THERMOPLASTIC - LETTERS AND SYMBOLS



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: I:\projects\2024\03 Lake Forest Deerpath Streetscape E205_CADD\01_MDD\03_Sign\thm-pmk-deerpath03.dgn

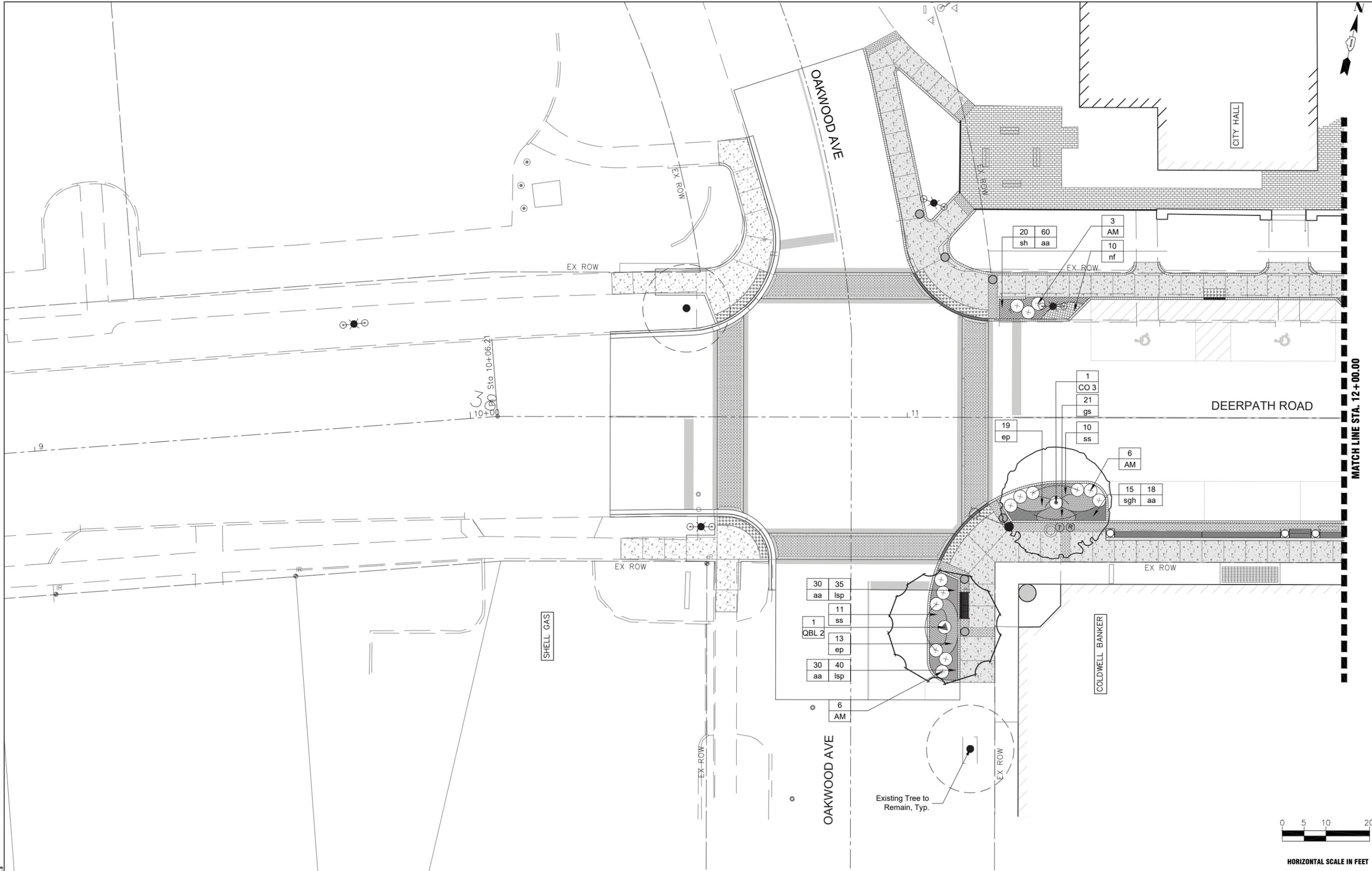


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PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN		
DEERPETH ROAD		
SCALE: 1"=10'	SHEET 3 OF 3 SHEETS	STA. 15+00 TO STA. 18+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	76
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 12+00.00



HORIZONTAL SCALE IN FEET

MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$FILE\$

THE LAKOTA GROUP.
116 West Illinois Street
Floor 7
Chicago, Illinois 60654
p 312.467.5445
thelakotagroup.com

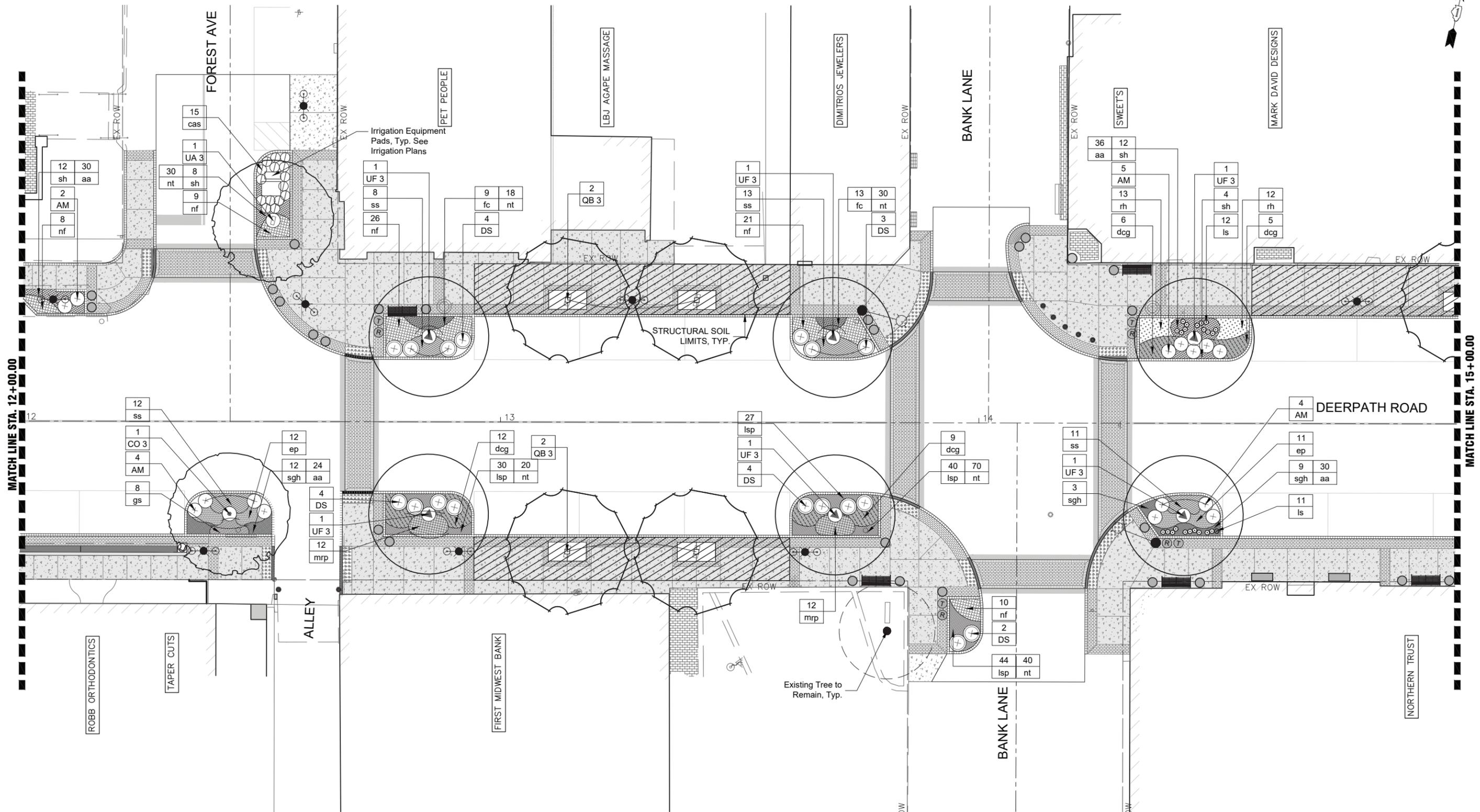
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DRAWN -- LP	REVISOR --	
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PLOT DATE = 11/01/2024	DATE -- 11/01/2024	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
DEERPETH ROAD**

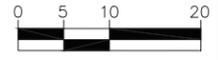
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	77
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 12+00.00

MATCH LINE STA. 15+00.00



HORIZONTAL SCALE IN FEET

MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$FILE\$

THE LAKOTA GROUP
116 West Illinois Street
Floor 7
Chicago, Illinois 60654
p 312.467.5445
thelakotagroup.com

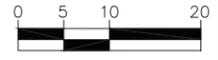
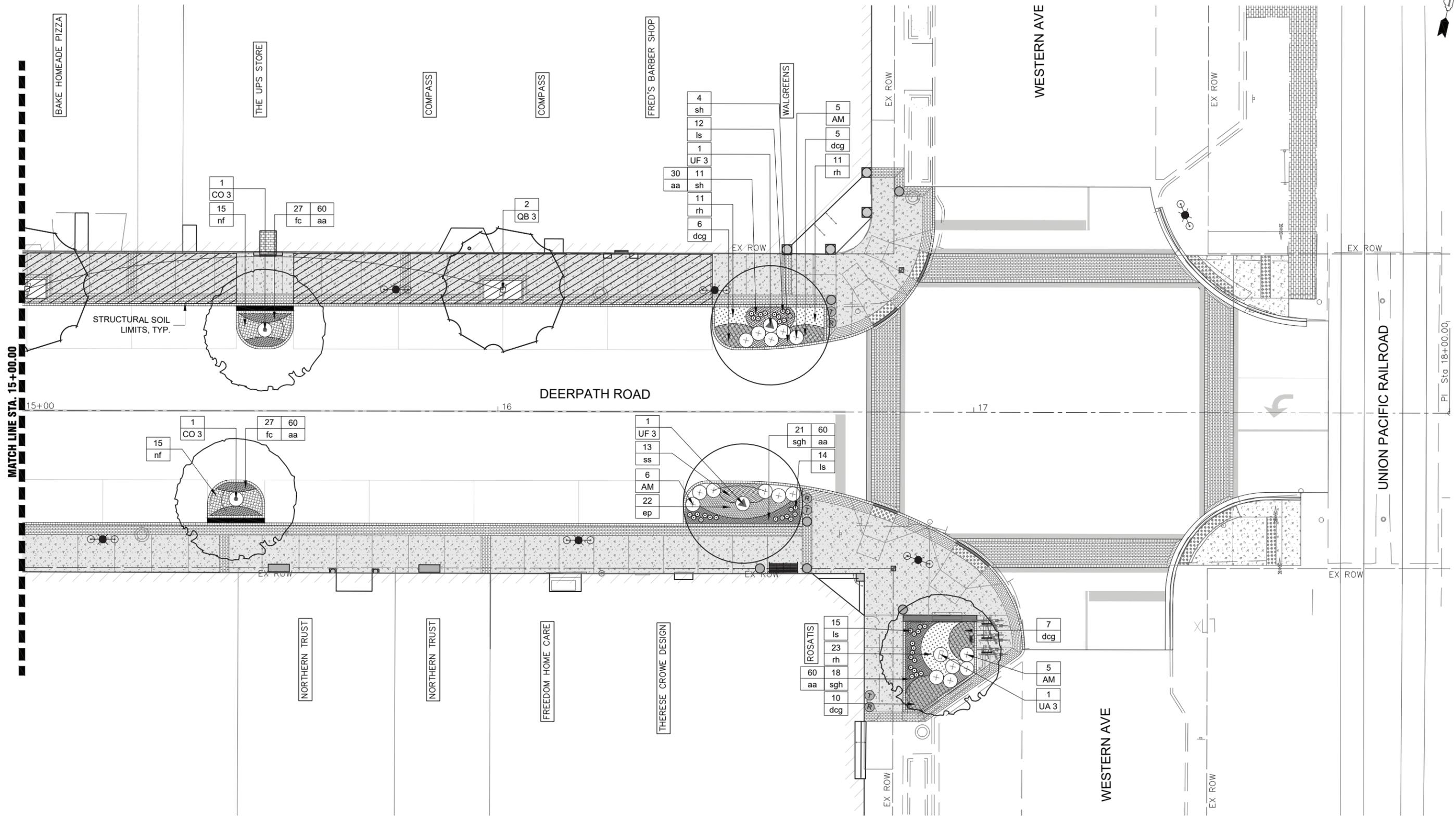
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DRAWN - LP	REVISED -	
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PLOT DATE = 11/01/2024	DATE - 11/01/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
DEERPATH ROAD**

SCALE: 1"=10' SHEET 2 OF 3 SHEETS STA. 12+00.00 TO STA. 15+00.00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	78
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	



HORIZONTAL SCALE IN FEET

MODEL: \$MODELNAME\$
 FILE: \$NAME\$. \$FILE\$

THE LAKOTA GROUP
 116 West Illinois Street
 Floor 7
 Chicago, Illinois 60654
 p 312.467.5445
 thelakotagroup.com

USER NAME = LAKOTA	DESIGNED - DS/LP	REVISED -
DRAWN - LP	REVISIONS -	
PLOT SCALE = 1"=10'-0"	CHECKED - DS	REVISED -
PLOT DATE = 11/01/2024	DATE - 11/01/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
 DEERPETH ROAD**

SCALE: 1"=10' SHEET 3 OF 3 SHEETS STA. 15+00.00 TO STA. 18+00.00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	79
				CONTRACT NO. 61L05
ILLINOIS FED. AID PROJECT				

PLANT SCHEDULE

SYMBOL	QTY.	BOTANIC NAME	COMMON NAME	SIZE	SPACING
DECIDUOUS TREES					
CO 3	4	Celtis occidentalis	Common Hackberry	3" caliper B&B	As shown
QB 3	6	Quercus bicolor	Swamp White Oak	3" caliper B&B	As shown
QBL 2	1	Quercus robur 'Long'	Regal Prince Oak	2" caliper B&B	As shown
UA 3	2	Ulmus 'Accolade'	Hybrid Elm	3" caliper B&B	As shown
UF 3	8	Ulmus x Frontier	Frontier Elm	3" caliper B&B	As shown
DECIDUOUS SHRUBS					
AM	46	Aronia melanocarpa 'Morton'	Black Chokeberry	30" ht. B&B	As shown
DS	30	Diervilla 'Kodiak Orange'	Bush Honeysuckle	3 gal/CG	As shown
PERENNIALS, ORNAMENTAL GRASSES					
acp	85	Astilbe chinensis var. pumila	Pumila Chinese Astilbe	1 gal/CG	18" o.c. spacing
cas	15	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gal/CG	24" o.c. spacing
dca	60	Deschampsia cespitosa 'Goldtau'	Golden Dew Tufted Hair Grass	3 gal/CG	24" o.c. spacing
ep	77	Echinacea purpurea	Purple Coneflower	1 gal/CG	18" o.c. spacing
fc	76	Festuca 'Cool As Ice'	Blue Fescue	1 gal/CG	12" o.c. spacing
gs	29	Geranium 'Biokovo'	Cranesbill	1 gal/CG	12" o.c. spacing
ls	64	Liatris spicata 'Kobold'	Blazing Star	1 gal/CG	12" o.c. spacing
mrp	24	Monarda 'Petite Delight'	Wild Bergamot	1 gal/CG	18" o.c. spacing
nf	114	Nepeta x faassenii 'Kit Cat'	Kit Cat Nepeta	1 gal/CG	12" o.c. spacing
rh	70	Rudbeckia hirta	Black-eyed Susan	1 gal/CG	18" o.c. spacing
sgl	78	Sesleria 'Greenlee Hybrid'	Greenlee's Moor Grass	1 gal/CG	18" o.c. spacing
sh	71	Sporobolus heterolepis 'Tara'	Dwarf Prairie Dropseed	1 gal/CG	18" o.c. spacing
ss	78	Schizachyrium scoparium 'Carousel'	Carousel Little Bluestem	3 gal/CG	18" o.c. spacing
GROUNDCOVERS					
lsp	471	Liriope spicata	Lilyturf	4" pot/CG	9" o.c. spacing
BULBS					
aa	528	Allium carolinianum 'Rosy Beauty'	Rosy Beauty Ornamental Onion	Top Size	12" o.c. spacing
nt	208	Narcissus mix	Spring Daffodil Mix	Top Size	12" o.c. spacing

GENERAL LANDSCAPE NOTES

GENERAL CONDITIONS

- Contractor shall familiarize themselves with all landscape plans, details, and special provisions prior to commencement of work. Any questions or concerns shall be directed to the Engineer in writing prior to landscape work commencement.
- The Contractor shall keep all areas clean and orderly at all times.
- The Contractor shall keep all roadways and walkways clear of mud and debris that result from landscape operations.

SOIL, PLANTING MIX, AND MULCHING

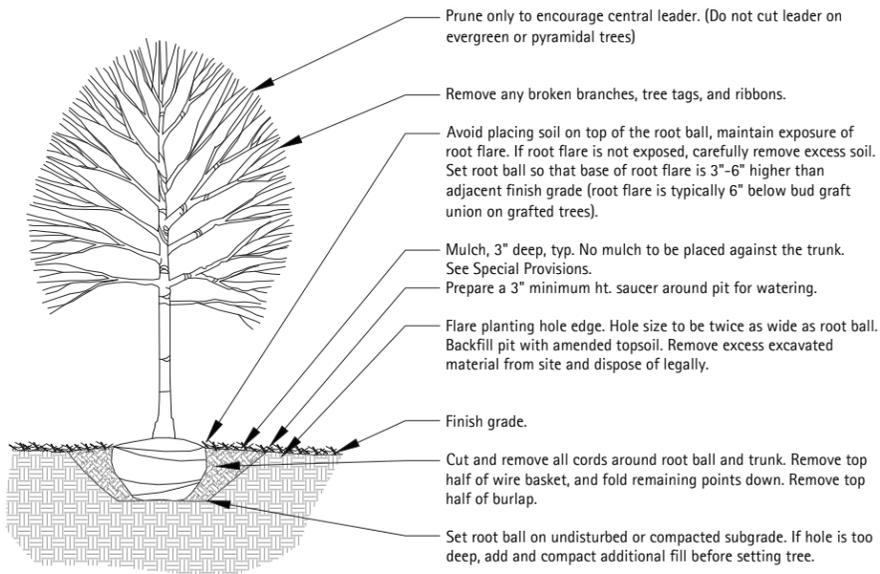
- See Special Provisions for Planting Soil and Structural Soil information.
- Structural soil shall be installed in the hardscape planting limits as defined in the drawings and details.
- All soil mixes shall include soil testing reports as defined in the Special Provisions.
- For all curbed planters, Shredded Hardwood Bark Mulch shall be placed at 3-inch depth at all trees to create a 36" diameter mulch ring at each tree within the planting beds. Triple Processed Hardwood Bark Mulch shall be placed at 2-inch depth in the remainder of the planting beds and abutting the tree mulch rings.

DECIDUOUS TREE PLANTING NOTES

- All pruning must be done after planting, and at the direction of the Engineer or City forester. Root collar shall be set so that after soil settles, the top of the root ball shall be at the same elevation as finished grade.
- Final root ball elevation and planter bed grading as directed by Engineer. When soil conditions are encountered with poor drainage, Contractor shall notify Engineer. Contractor shall elaborate and prepare recommendations for solution to problem for Engineer approval.
- Provide drainage detail as dictated by site conditions. Connect to storm sewer system per Civil Engineer's drawings.

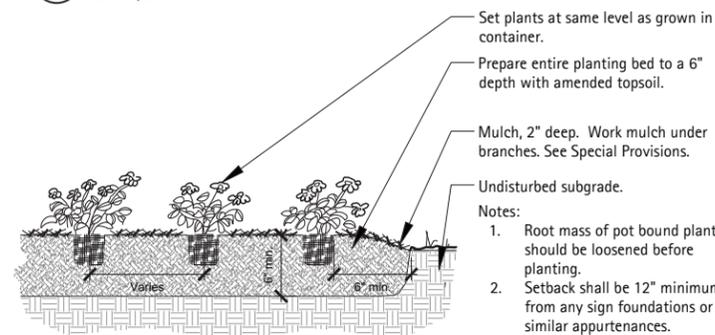
PLANTING STANDARDS

- All plant material shall be top-quality grade, free of defects, and meet accepted horticultural standards established by the American Nurserymen's Association (AAN) and as deemed appropriate by the City Forester. The City Forester shall have the right to reject any, and all, plant material delivered to the site that does not meet acceptable standards.
- The City Forester shall approve all plant materials for quality, condition and specified sizes. Plant material shall be approved at nursery location, during tagging or before removal and transport to job site. Shrubs, perennials and groundcovers shall be approved at job site prior to installation.
- Sizes shown on plant schedule are minimum acceptable sizes.
- All plants to be balled-in-burlap or container-grown as specified in plant schedule. All plastic root wrapping material and metal wire baskets shall be removed as described in the planting details.
- The City Forester shall field verify and approve all final staked tree, shrub, and perennial bed locations prior to installation.
- The Contractor shall repair to its original condition any plant material which becomes damaged as a result of landscape operations.
- All perennials shall be planted at least three (3) feet from the tree trunks planted within planting areas.



1 Shade Tree Planting

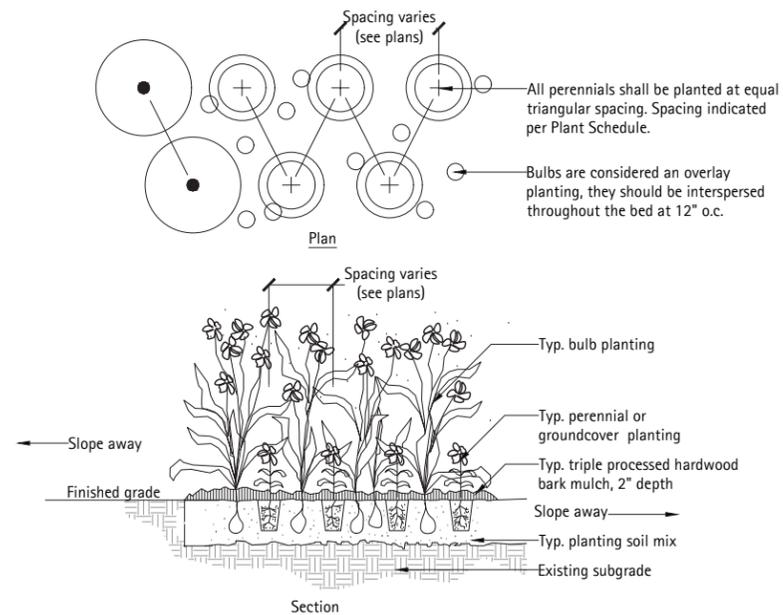
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2 Perennial Planting

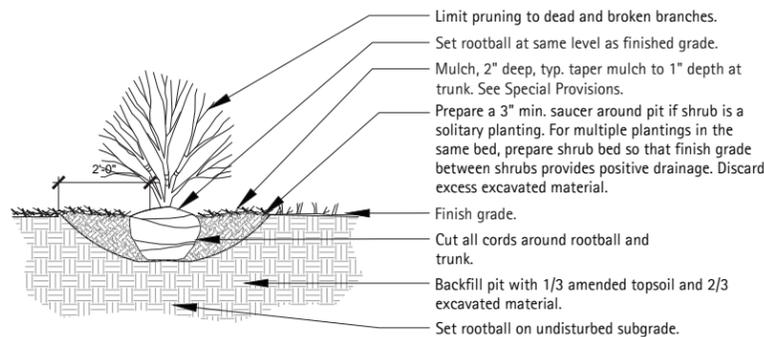
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d-plant-ann-perenn



3 Plan, Section - Perennial, Groundcover, and Bulb Planting

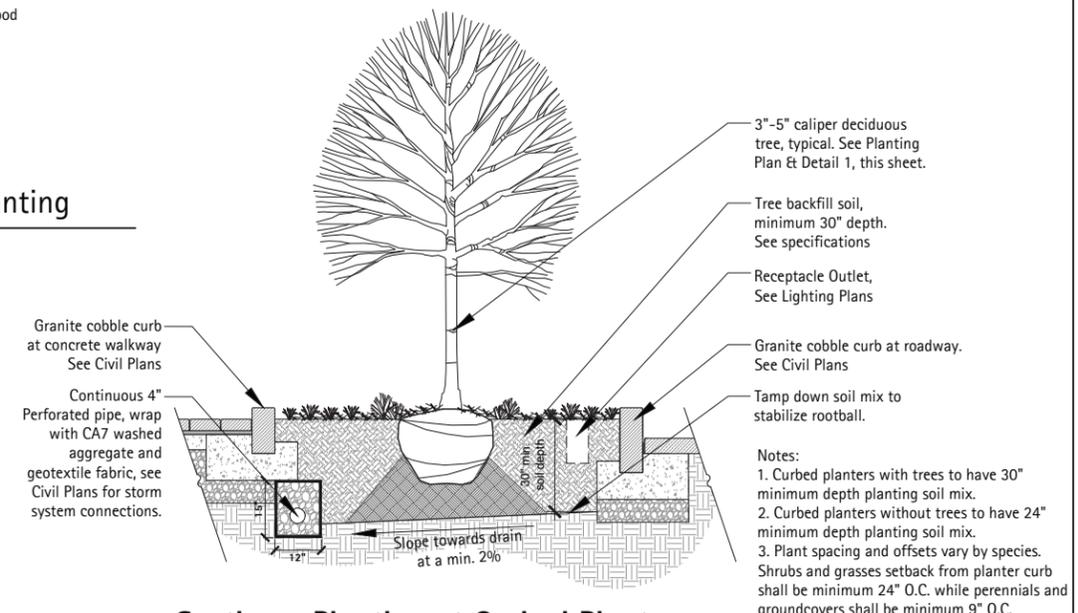
Scale: 1/2" = 1'-0"



4 Shrub Planting

Scale: 1/2" = 1'-0"

d-plant-shrub



5 Section - Planting at Curbed Planters

Scale: 1/2" = 1'-0"

MODEL: \$MODEL NAME\$
FILE: NAME\$.DWG

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116 West Illinois Street
Floor 7
Chicago, Illinois 60654
p 312.467.5448
thelakotagroup.com

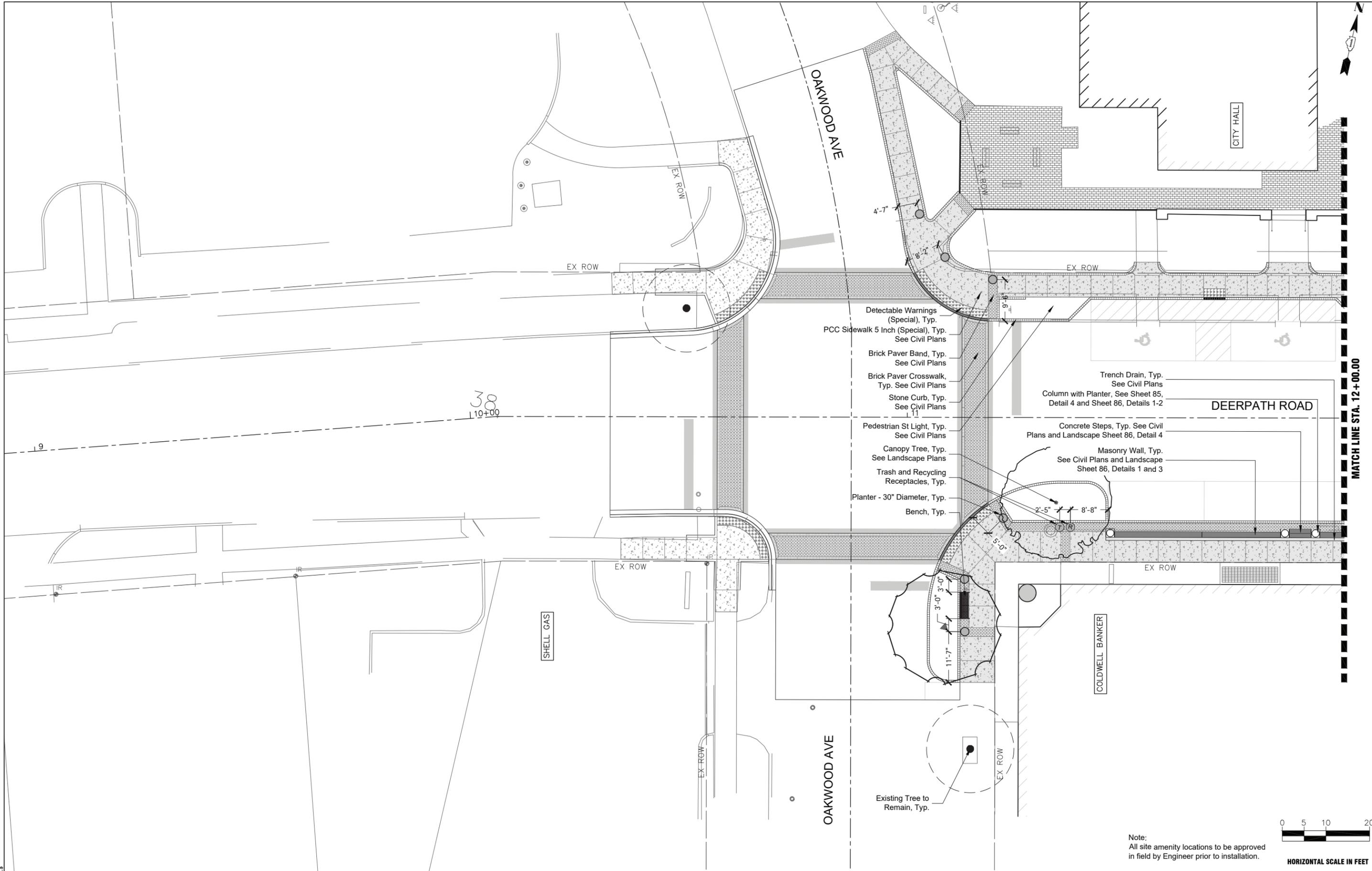
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DRAWN -- LP	REVISIONS --	
PLOT SCALE = 1"=10'-0"	CHECKED -- DS	REVISED --
PLOT DATE = 11/01/2024	DATE -- 11/01/2024	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING DETAILS
DEERPETH ROAD**

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	80
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 12+00.00



Note:
All site amenity locations to be approved in field by Engineer prior to installation.

HORIZONTAL SCALE IN FEET

MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$FILE\$

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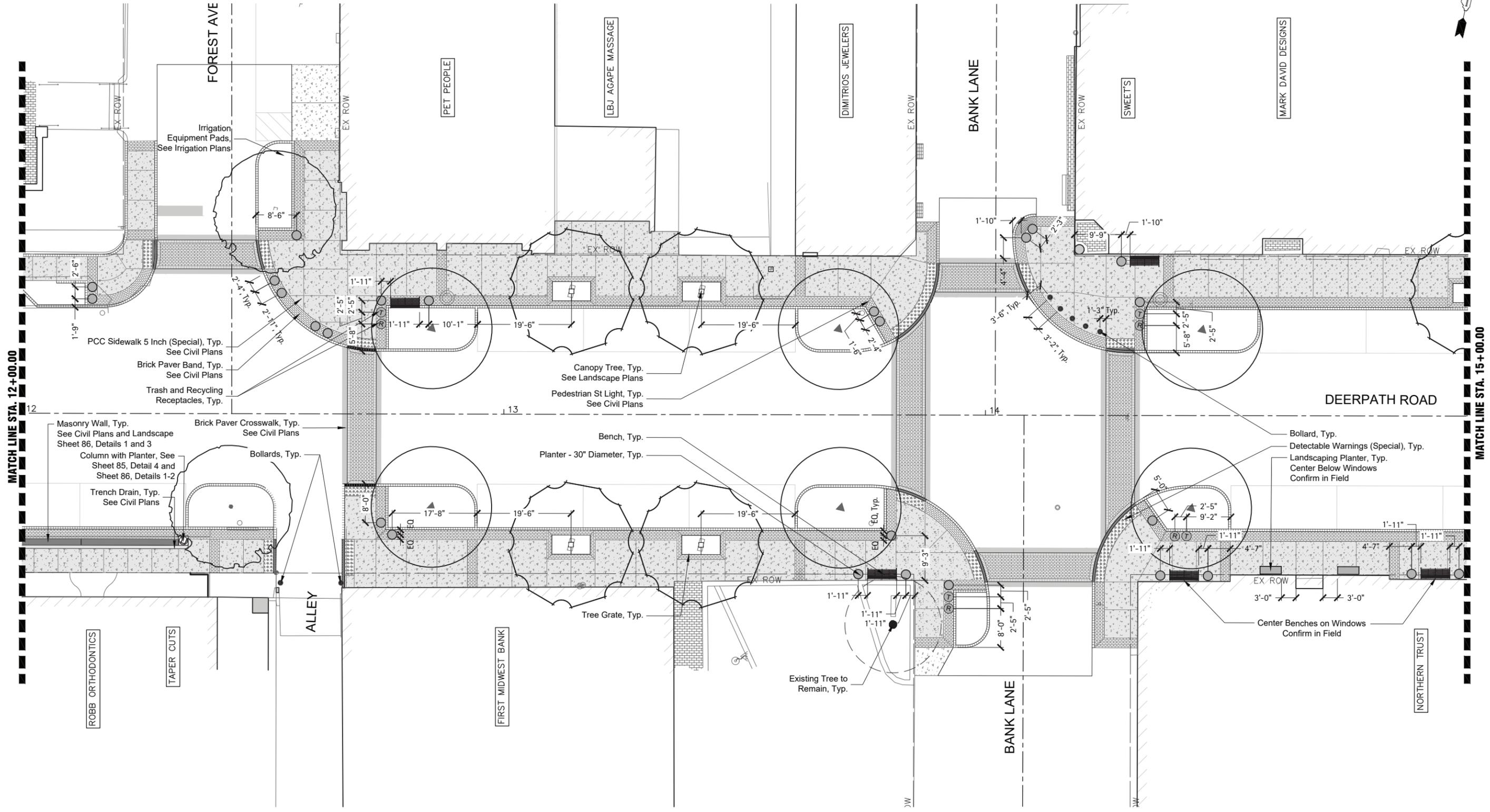
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DRAWN -- LP	REVISIONS	
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PLOT DATE = 11/01/2024	DATE -- 11/01/2024	REVISED --

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DEPARTMENT OF TRANSPORTATION**

**SITE AMENITIES PLAN
DEERPETH ROAD**

SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. 9+00.00 TO STA. 12+00.00

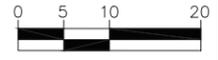
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	81
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 12+00.00

MATCH LINE STA. 15+00.00

Note:
All site amenity locations to be approved
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HORIZONTAL SCALE IN FEET

MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$FILE\$

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PLOT DATE = 11/01/2024	DATE - 11/01/2024	REVISED -

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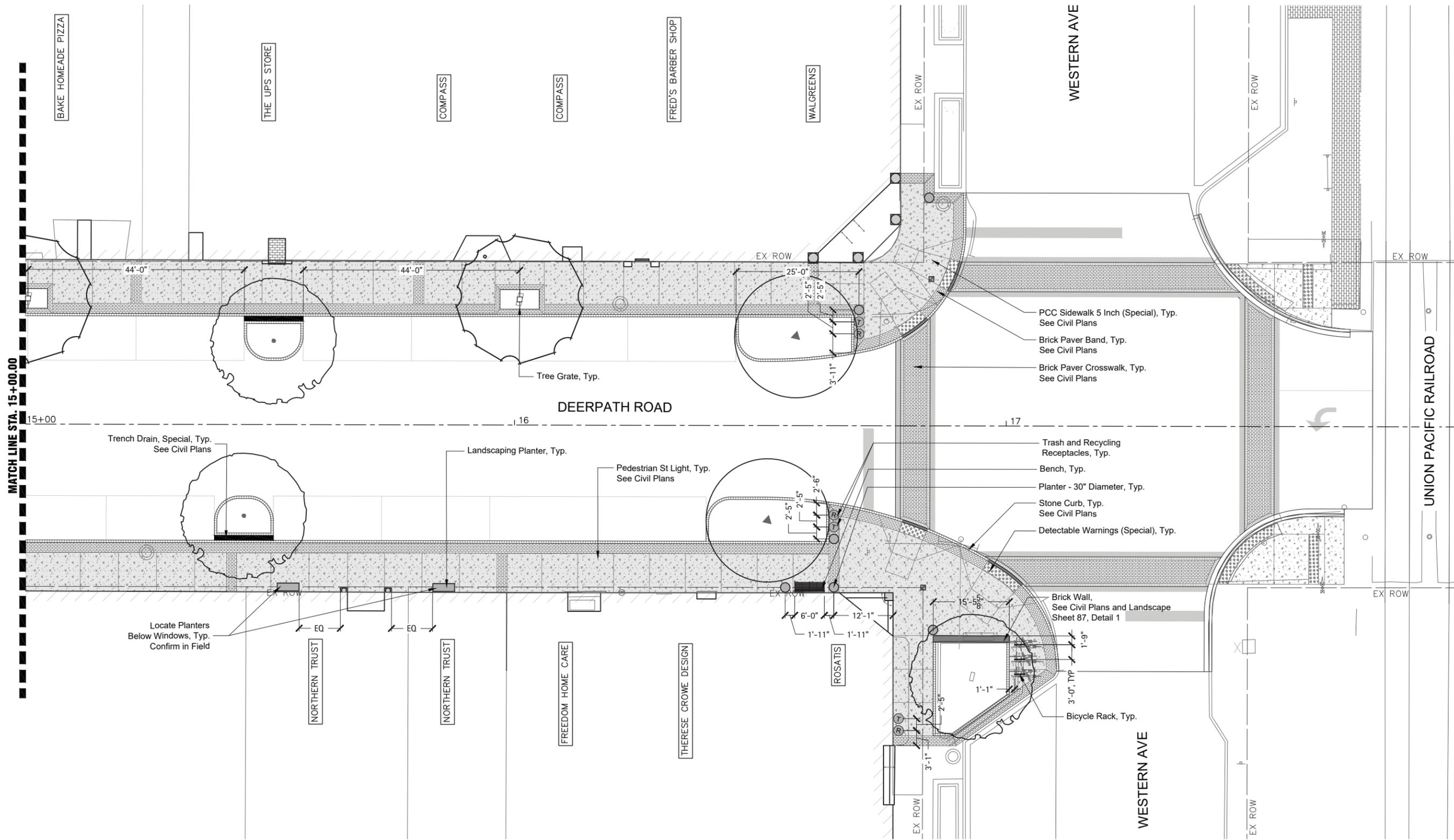
**SITE AMENITIES PLAN
DEERPATH ROAD**

SCALE: 1"=10' SHEET 2 OF 3 SHEETS STA. 12+00.00 TO STA. 15+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	82

CONTRACT NO. 61L05

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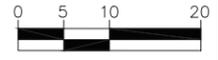
MATCH LINE STA. 15+00.00

UNION PACIFIC RAILROAD

WESTERN AVE

WESTERN AVE

Note:
All site amenity locations to be approved
in field by Engineer prior to installation.



HORIZONTAL SCALE IN FEET

MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$FILE\$

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PLOT DATE = 11/01/2024	DATE - 11/01/2024	REVISED - .

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**SITE AMENITIES PLAN
DEERPETH ROAD**

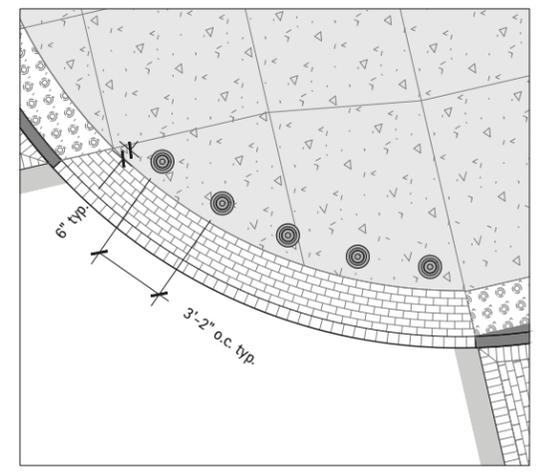
SCALE: 1"=10' SHEET 3 OF 3 SHEETS STA. 15+00.00 TO STA. 18+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	83
CONTRACT NO. 61L05				

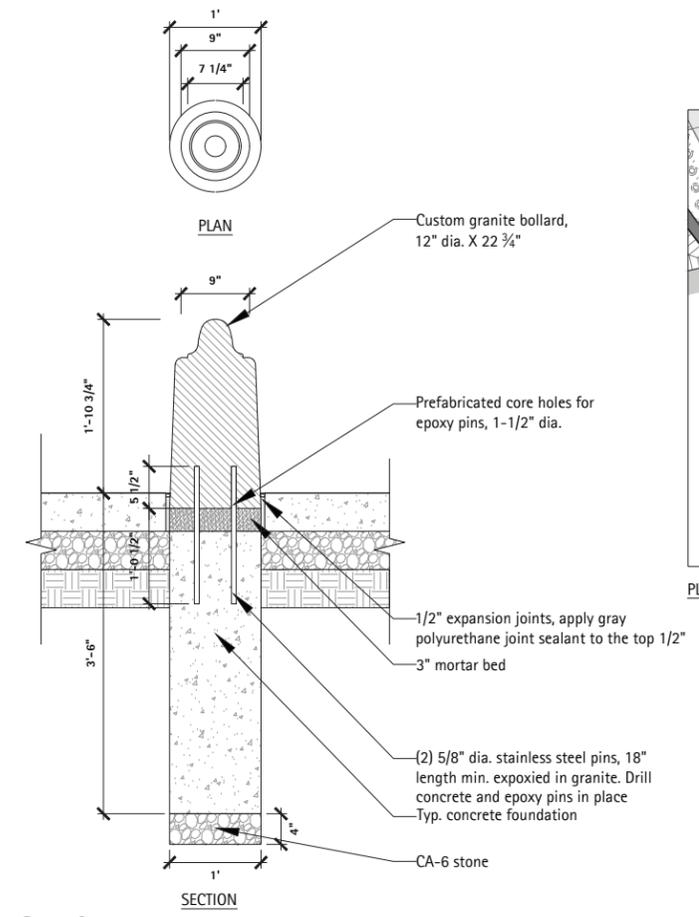
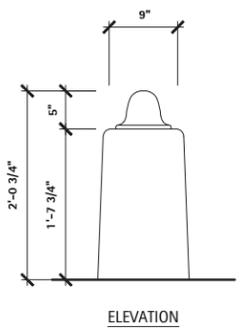
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AMENITIES SCHEDULE

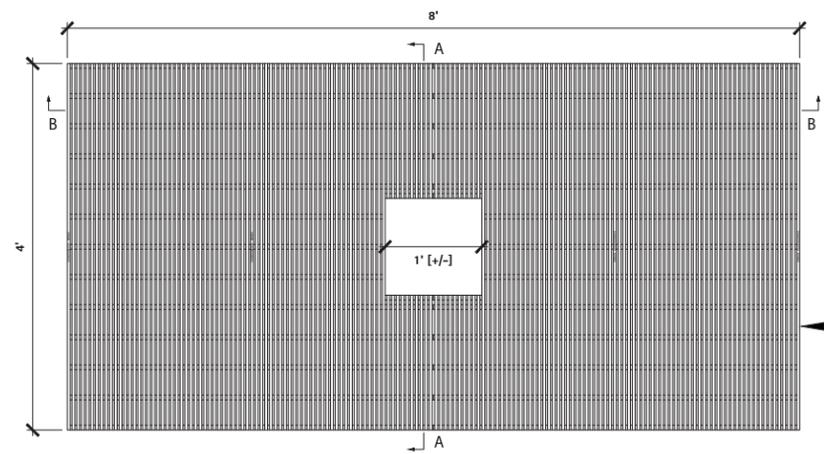
Item	Description	Quantity	Manufacturer	Contact	Information
Bench	CR-138 Bench, 6ft long	9	Victor Stanley	Jamie McArdle P. 301.789.6935 E. jamiem@victorstanley.com	See Detail 1, Sheet 85 Site Amenities Special Provisions
Trash Receptacle/Recycling Receptacle	Scarborough Trash Receptacle	10	Landscape Forms	Jennifer Woods P. (800) 430-6206 xt. 1336 E. jenniferw@landscapeforms.com	See Detail 2, Sheet 85 Site Amenities Special Provisions
	Scarborough Recycling Receptacle	10			
Bicycle Rack	Metro40 Collection Ride Bicycle Rack	3			See Detail 3, Sheet 85 Site Amenities Special Provisions
Planter - 30" Diameter	Adams 27 Planter, LS 9173 31" dia. X 27" h., 20" dia. base - 438 lb.	38	Longshadow Planters	Kailee Burgin P. (618) 893-4831 E. kailee@longshadow.com	See Detail 4, Sheet 85 Site Amenities Special Provisions
Landscaping Planter	Traditional Trough, LS 9337 25" high, 54" long, 54" x 20" base - 935 lb.	4			See Detail 4, Sheet 85 Site Amenities Special Provisions
Column with Planter	Glencoe 24 & Round Base 13, LS 9396 24" dia. X 21" h., 13" dia. base - 97 lb.	4			See Detail 4, Sheet 85 Site Amenities Special Provisions
Bollard	Custom Granite Bollard	7	Coldspring Granite	Sam Stuber/Randy Dolphin P. 800-328-5040 E. sstuber@coldspringusa.com rdolphin@coldspringusa.com	See Details 1 and 3, Sheet 84 Site Amenities Special Provisions
Tree Grate	Jamison Tree Grate	6	Urban Accessories	Brian Trodhunter P. (253) 572-1112 E. brian@urbanaccessories.com	See Detail 2, Sheet 84 Site Amenities Special Provisions



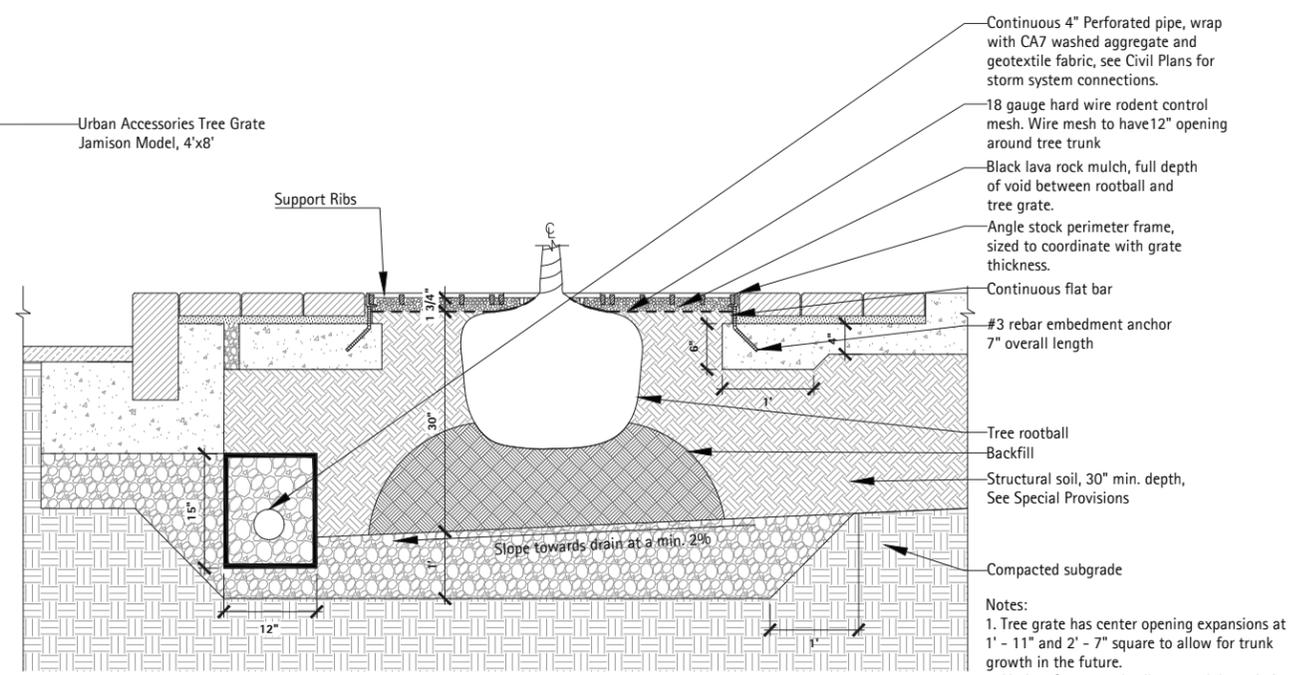
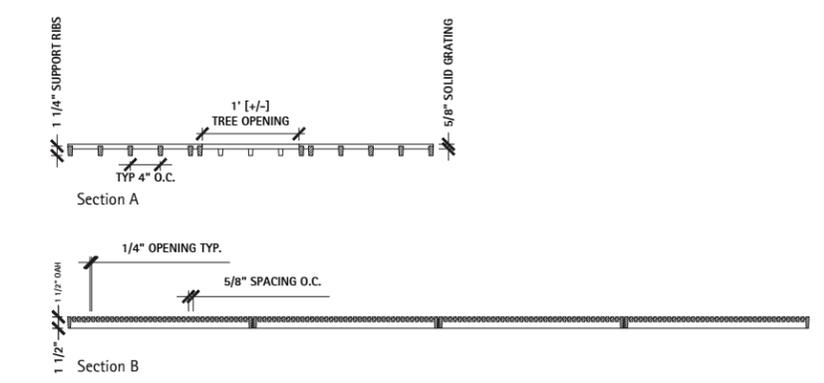
- Notes:
1. Custom bollard to be fabricated in Academy Black Granite with a Diamond 10 finish on all surfaces.
 2. Contractor to provide coordinated shop drawings for all fabrication components and installation of all bollard assembly elements prior to fabrication.



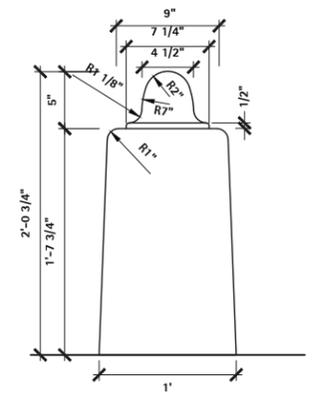
1 Bollard - Plan & Section
Scale: 1" = 1'-0"



Urban Accessories Tree Grate
Jamison Model, 4'x8'



2 Plan - Tree Grate (4'x8')
Scale: 1" = 1'-0"



3 Bollard - Enlarged Side Elevation
Scale: 1 1/2" = 1'-0"

MODEL: \$MODELNAME\$
FILE: NAME\$.PFILE\$

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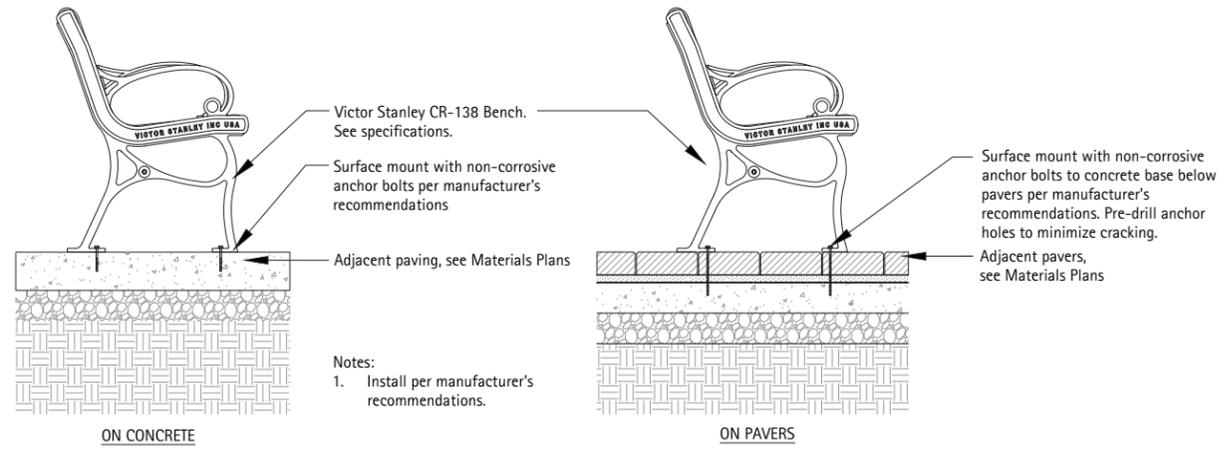
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DRAWN -- LP	REVISIONS --	
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PLOT DATE = 11/01/2024	DATE -- 11/01/2024	REVISED --

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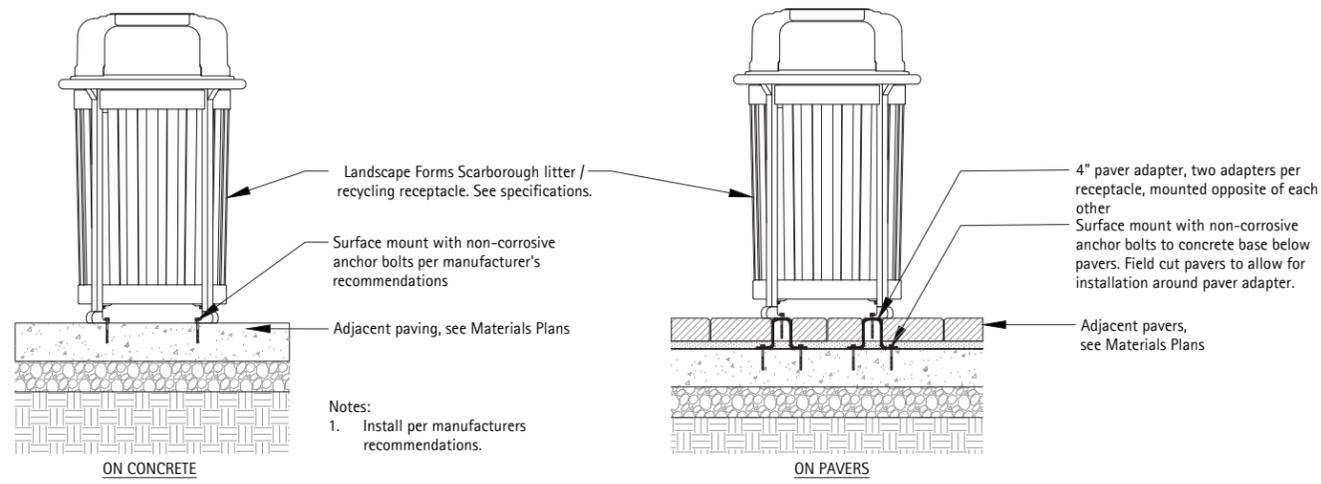
**SITE AMENITIES DETAILS
DEERPATH ROAD**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

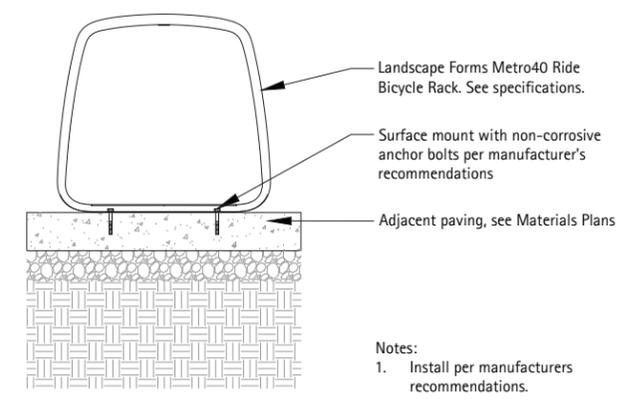
F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	84
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	



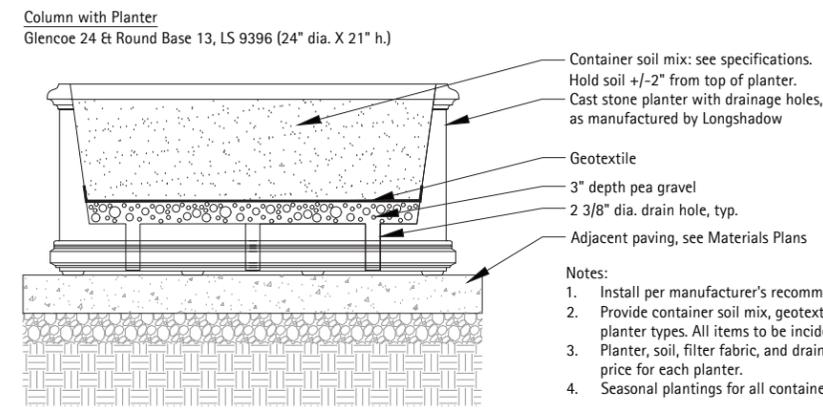
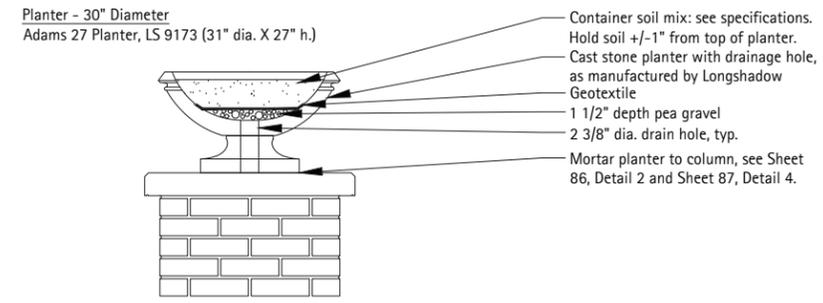
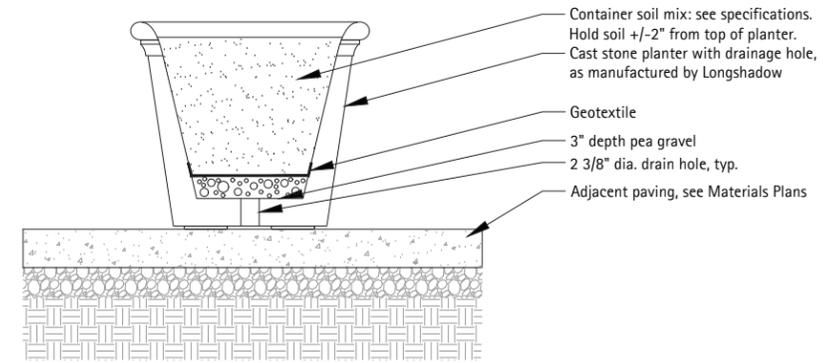
1 Section - Bench Surface Mount
Scale: 1" = 1'-0"



2 Section - Trash/Recycling Receptacle Surface Mount
Scale: 1" = 1'-0"



3 Section - Bicycle Rack Surface Mount
Scale: 1" = 1'-0"



4 Section - Landscape Planter
Scale: 1" = 1'-0"

MODEL - \$MODEL NAME\$
FILE NAME - \$FILE\$

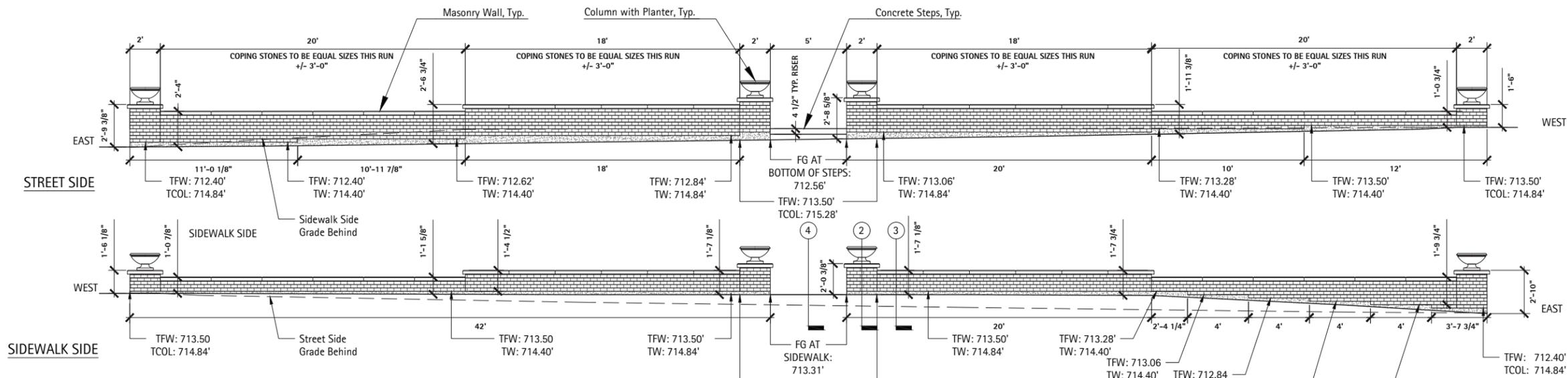
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PLOT DATE = 11/01/2024	CHECKED -- DS	REVISED --
	DATE -- 11/01/2024	REVISED --

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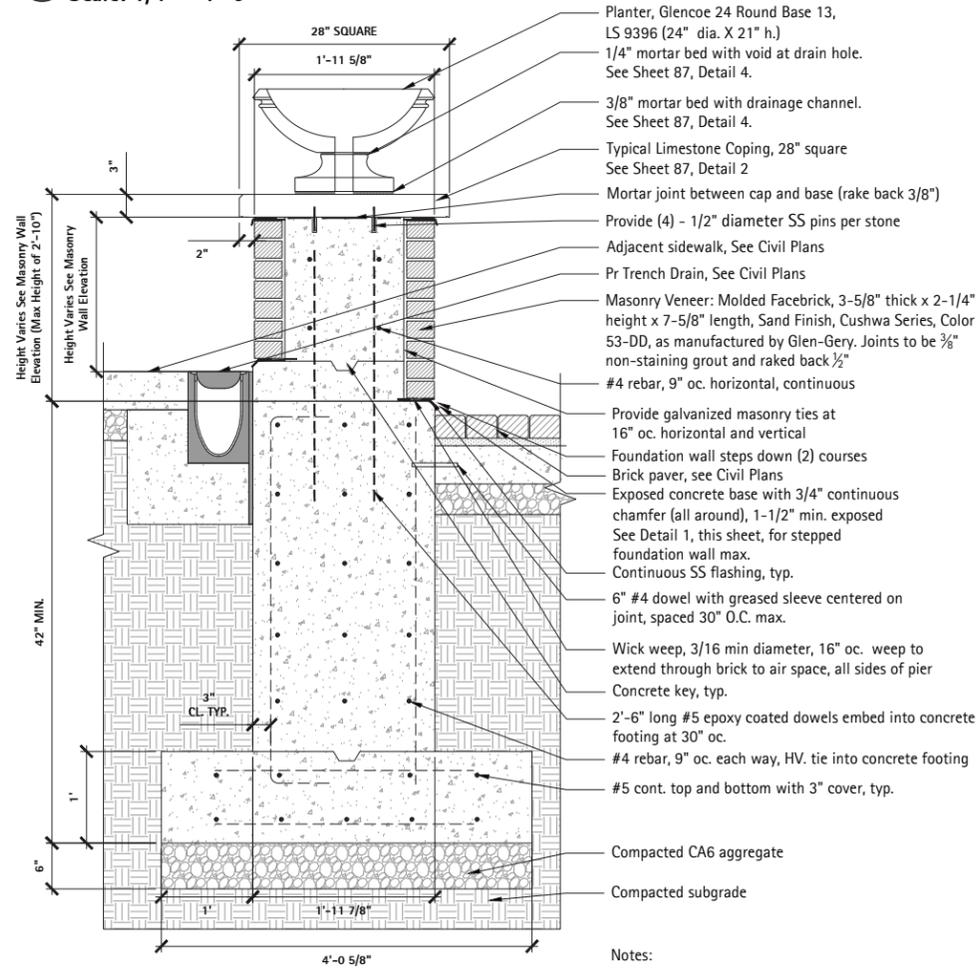
SITE AMENITIES DETAILS	
DEERPATH ROAD	
SCALE: 1"=10'	SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	85
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



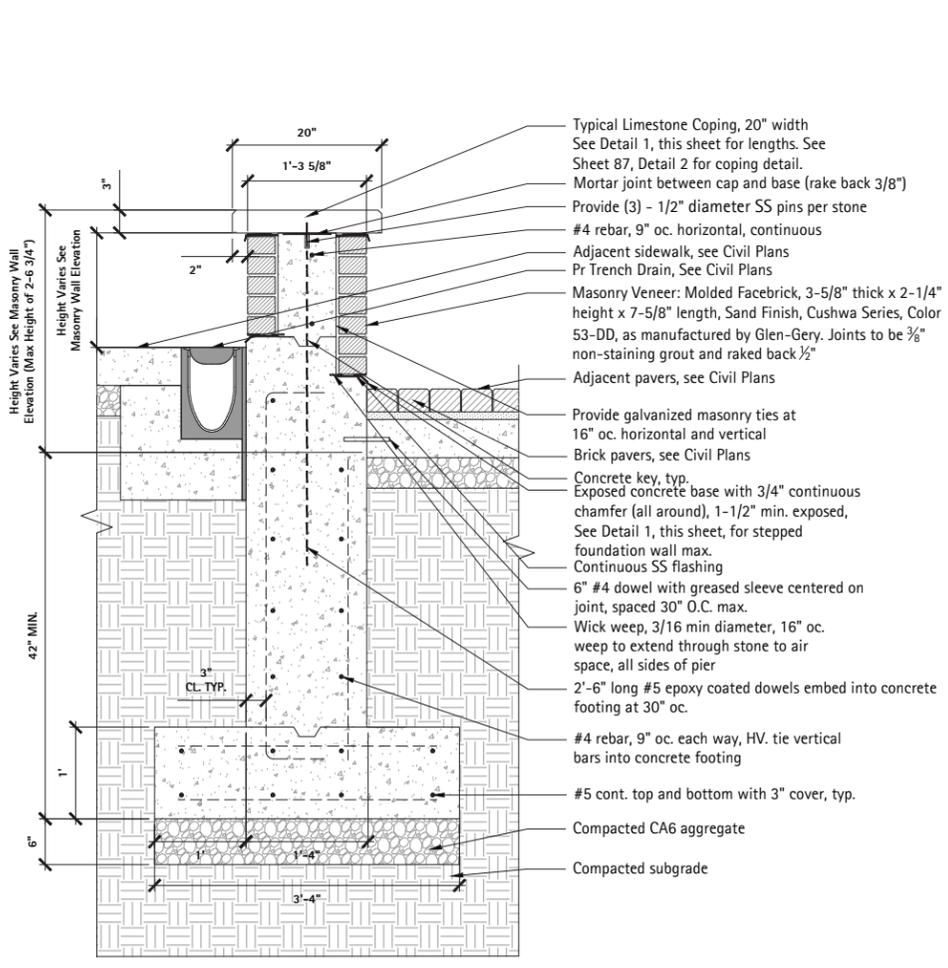
ABBREVIATION KEY:
 TFW: TOP OF FOUNDATION WALL
 TCOL: TOP OF COLUMN
 TW: TOP OF WALL
 FG: FINISH GRADE

1 Masonry Wall - Elevation
 Scale: 1/4" = 1'-0"



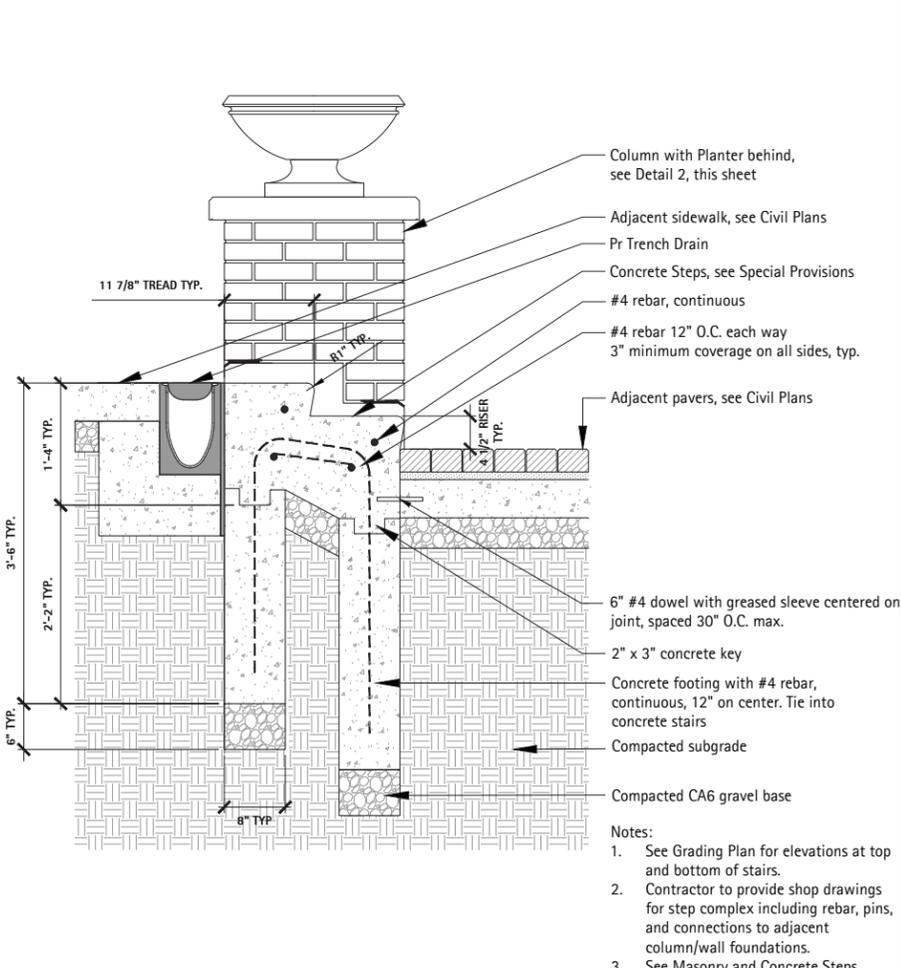
- Planter, Glencoe 24 Round Base 13, LS 9396 (24" dia. X 21" h.)
- 1/4" mortar bed with void at drain hole. See Sheet 87, Detail 4.
- 3/8" mortar bed with drainage channel. See Sheet 87, Detail 4.
- Typical Limestone Coping, 28" square See Sheet 87, Detail 2
- Mortar joint between cap and base (rake back 3/8")
- Provide (4) - 1/2" diameter SS pins per stone
- Adjacent sidewalk, See Civil Plans
- Pr Trench Drain, See Civil Plans
- Masonry Veneer: Molded Facebrick, 3-5/8" thick x 2-1/4" height x 7-5/8" length, Sand Finish, Cushwa Series, Color 53-DD, as manufactured by Glen-Gery. Joints to be 3/8" non-staining grout and raked back 1/2"
- #4 rebar, 9" oc. horizontal, continuous
- Provide galvanized masonry ties at 16" oc. horizontal and vertical
- Foundation wall steps down (2) courses
- Brick paver, see Civil Plans
- Exposed concrete base with 3/4" continuous chamfer (all around), 1-1/2" min. exposed See Detail 1, this sheet, for stepped foundation wall max.
- Continuous SS flashing, typ.
- 6" #4 dowel with greased sleeve centered on joint, spaced 30" O.C. max.
- Wick weep, 3/16 min diameter, 16" oc. weep to extend through brick to air space, all sides of pier
- Concrete key, typ.
- 2'-6" long #5 epoxy coated dowels embed into concrete footing at 30" oc.
- #4 rebar, 9" oc. each way, HV. tie into concrete footing
- #5 cont. top and bottom with 3" cover, typ.
- Compacted CA6 aggregate
- Compacted subgrade

Notes:
 1. See Masonry and Concrete Steps Notes, Sheet 87.
 2. See Sheet 85, Detail 4, for planter information.



- Typical Limestone Coping, 20" width See Detail 1, this sheet for lengths. See Sheet 87, Detail 2 for coping detail.
- Mortar joint between cap and base (rake back 3/8")
- Provide (3) - 1/2" diameter SS pins per stone
- #4 rebar, 9" oc. horizontal, continuous
- Adjacent sidewalk, see Civil Plans
- Pr Trench Drain, See Civil Plans
- Masonry Veneer: Molded Facebrick, 3-5/8" thick x 2-1/4" height x 7-5/8" length, Sand Finish, Cushwa Series, Color 53-DD, as manufactured by Glen-Gery. Joints to be 3/8" non-staining grout and raked back 1/2"
- Adjacent pavers, see Civil Plans
- Provide galvanized masonry ties at 16" oc. horizontal and vertical
- Brick pavers, see Civil Plans
- Concrete key, typ. Exposed concrete base with 3/4" continuous chamfer (all around), 1-1/2" min. exposed, See Detail 1, this sheet, for stepped foundation wall max.
- Continuous SS flashing
- 6" #4 dowel with greased sleeve centered on joint, spaced 30" O.C. max.
- Wick weep, 3/16 min diameter, 16" oc. weep to extend through stone to air space, all sides of pier
- 2'-6" long #5 epoxy coated dowels embed into concrete footing at 30" oc.
- #4 rebar, 9" oc. each way, HV. tie vertical bars into concrete footing
- #5 cont. top and bottom with 3" cover, typ.
- Compacted CA6 aggregate
- Compacted subgrade

Notes:
 See Masonry and Concrete Steps notes, Sheet 87.



- Column with Planter behind, see Detail 2, this sheet
- Adjacent sidewalk, see Civil Plans
- Pr Trench Drain
- Concrete Steps, see Special Provisions
- #4 rebar, continuous
- #4 rebar 12" O.C. each way 3" minimum coverage on all sides, typ.
- Adjacent pavers, see Civil Plans
- 11 7/8" TREAD TYP.
- 6" #4 dowel with greased sleeve centered on joint, spaced 30" O.C. max.
- 2" x 3" concrete key
- Concrete footing with #4 rebar, continuous, 12" on center. Tie into concrete stairs
- Compacted subgrade
- Compacted CA6 gravel base

Notes:
 1. See Grading Plan for elevations at top and bottom of stairs.
 2. Contractor to provide shop drawings for step complex including rebar, pins, and connections to adjacent column/wall foundations.
 3. See Masonry and Concrete Steps notes, Sheet 87.

2 Section - Column with Planter
 Scale: 1" = 1'-0"

3 Section - Masonry Wall
 Scale: 1" = 1'-0"

4 Section - Concrete Steps
 Scale: 1" = 1'-0"

MODEL: \$MODELNAME\$ FILE: \$NAME\$. \$FILE\$



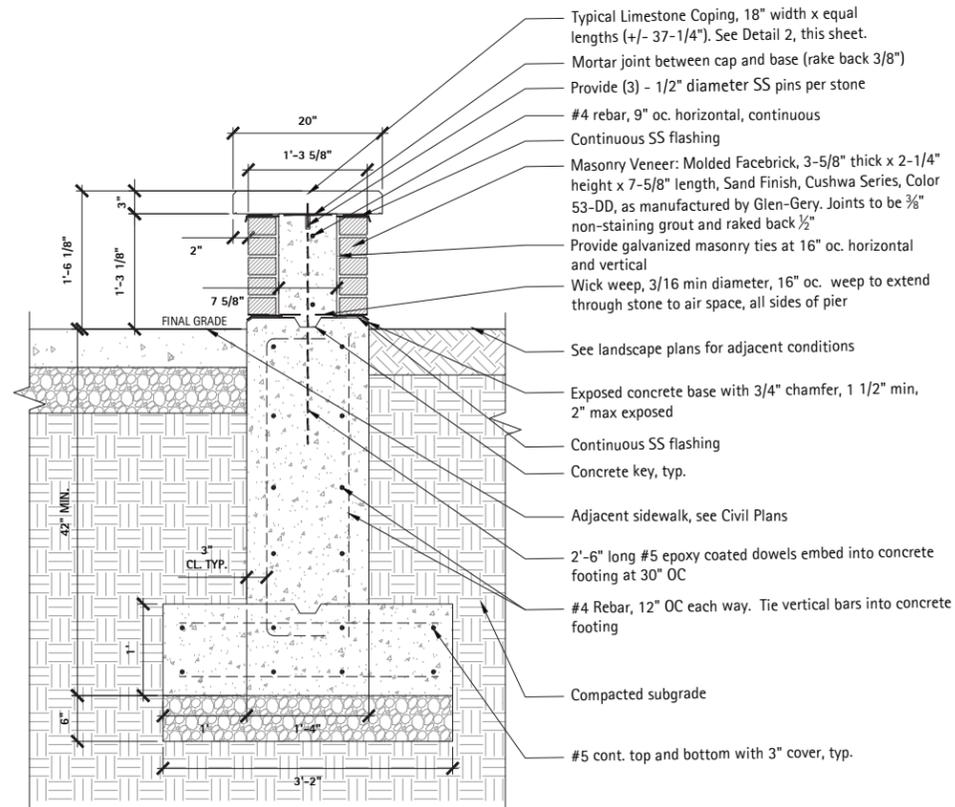
116 West Illinois Street Floor 7 Chicago, Illinois 60654 p 312.467.5445 thelakotagroup.com	USER NAME = LAKOTA	DESIGNED - DS/LP	REVISED -
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MASONRY WALL DETAILS
 DEERPETH ROAD

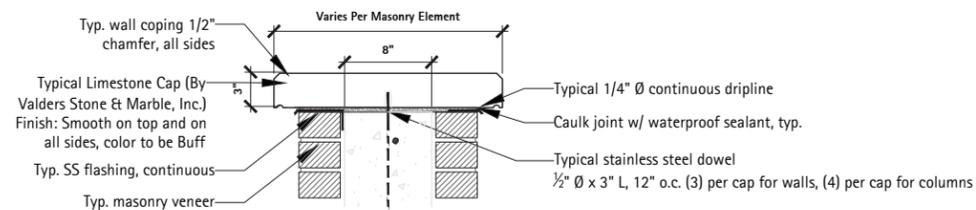
SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	86
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	



Notes:
1. See Masonry and Concrete Steps Notes, this sheet.

1 Section - Brick Wall
Scale: 1" = 1'-0"

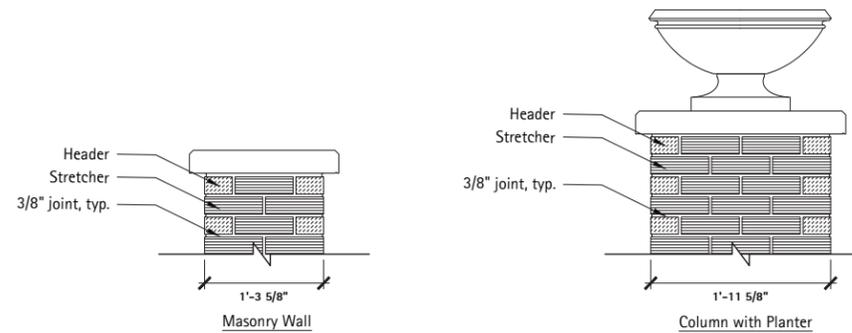


Notes:
1. Top of wall shall always remain level.
2. Contractor to submit product information for approval by Landscape Architect prior to installation.
3. Contractor shall provide shop drawings for wall, column, and coping pieces for approval by Landscape Architect prior to installation.
4. Coping sizes and stainless steel dowel attachment vary per masonry element. Refer to individual details for sizes and number of dowels for each coping condition.

2 Section - Typical Limestone Coping
Scale: 1 1/2" = 1'-0"

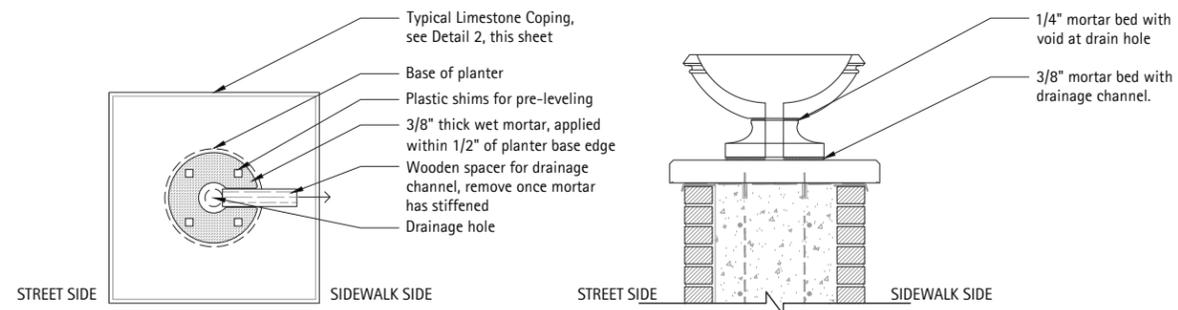
Masonry and Concrete Steps Notes:

1. Contractor to submit shop drawings for Column with Planter, Masonry Wall, Brick Wall, and Concrete Steps layout and conditions, including all rebar and steel fabrication, for Landscape Architect approval prior to installation.
2. Masonry brick pattern and grout finish to be mocked up in field and approved by the Landscape Architect prior to installation.
3. Contractor to provide shop drawings for all steel fabrication and rebar for Landscape Architect approval prior to installation.
4. All dowels to be epoxy coated.
5. Accepted mockups may be used as part of finished work.
6. Contractor to provide cut sheets and full sized samples of all items shown in the details for approval by the Landscape Architect. Approved samples may be used as part of the finished work.



Notes:
Masonry Veneer: Molded Facebrick, 3-5/8" thick x 2-1/4" height x 7-5/8" length, Sand Finish, Cushwa Series, Color 53-DD, as manufactured by Glen-Gery. Joints to be 3/8" non-staining grout and raked back 1/2"

3 Typical Brick Coursing
Scale: 1" = 1'-0"



Notes:
1. See Masonry and Concrete Steps Notes, this sheet.
2. See Sheet 85, Detail 4, for planter information.

4 Column with Planter - Mortar and Drainage Channel
Scale: 1" = 1'-0"

MODEL: \$MODELNAME\$
FILE: NAME: \$FILE\$

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MASONRY WALL DETAILS DEERPETH ROAD	
SCALE: 1"=10'	SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00SW	LAKE	133	87
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	

ELECTRICAL NOTES

PART 1: GENERAL

A. DESCRIPTION

PROVIDE ALL REQUIREMENTS AND CRITERIA FOR SAFETY AND RELIABILITY TO FURNISH AND INSTALL COMPLETE OPERATING ELECTRICAL SYSTEM, INCLUDING MATERIALS, LABOR, NECESSARY EQUIPMENT AS HEREIN SPECIFIED. COMPLY WITH LOCAL CODES, NATIONAL ELECTRICAL CODE, IDOT AND ALL APPLICABLE CODES AND STANDARDS. THE EQUIPMENT AND INSTALLATION SHALL CONFIRM WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, INCLUDING LATEST REVISION AND SUPPLEMENTAL SPECIFICATIONS AS WELL AS SPECIAL PROVISIONS.

B. SCOPE OF WORK

- CONTRACTOR SHALL FURNISH, INSTALL, AND TEST COMPLETE STREET LIGHTING SYSTEM WITH ALL LIGHTING POLES, LUMINAIRE'S, FOUNDATIONS, LIGHTING CONTROL CABINET, CONDUITS, HANGERS, SUPPORTS, DEVICES, WIRING, ETC., REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION. AFTER INSTALLATION, CONTRACTOR SHALL COMPLETELY TEST ALL COMPONENTS IN COMPLIANCE WITH IDOT STANDARDS TO ENSURE COMPLETE FUNCTIONAL INSTALLATION.
- THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RULES AND REGULATIONS SET FORTH IN THE LOCAL GOVERNING CODE. THE WORK SHALL ALSO MEET THE LAWS AND ORDINANCE REQUIRED BY THOSE AGENCIES HAVING JURISDICTION.
- CONTRACTOR SHALL VISIT THE SITE AND MAKE HIMSELF THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS. PRIOR TO SUBMITTING THE PROPOSAL, INCLUDE ANY RELOCATION AND/OR ALTERATIONS TO THE EXISTING ELECTRICAL SYSTEM, COMPONENTS OR EQUIPMENT REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED TO PERFORM HIS WORK. PREPARE AND SUBMIT TO THE AUTHORITIES ANY AND ALL DATA, DRAWINGS AND DETAILS REQUIRED FOR APPROVAL BEFORE COMMENCING THE INSTALLATION.
- MAINTAIN EXISTING STREET LIGHTING SYSTEM OPERATION DURING CONSTRUCTION UNTIL NEW CONSTRUCTION OF STREET LIGHTING SYSTEM IS COMPLETED. MAINTAIN EXISTING LIGHTING AS TEMPORARY LIGHTING DURING THE CONSTRUCTION PERIOD. REMOVE SAME UPON COMPLETION OF THE PROJECT.
- CONTRACTOR SHALL COORDINATE WORK WITH ALL TRADES AND AVOID CONFLICT AND DELAYS.
- NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE PROPOSED WORK. LACK OF NOTIFICATION SHALL INDICATE THAT NO DISCREPANCIES OR CONFLICTS EXIST.
- ALL LIGHT POLES SHALL BE NON-BREAKAWAY TYPE.
- CONTRACTOR SHALL COORDINATE WORK WITH UTILITY COMPANIES, INCLUDING ELECTRIC, WATER, GAS, SEWER, CABLE, ETC.
- 4" RIGID STEEL CONDUIT SHALL BE PUSHED UNDER STREET OR DRIVEWAY AND EXTENDED 2'-0" ON EACH SIDE WHEN FEASIBLE OR OPEN CUT AS DIRECTED BY THE ENGINEER.
- AS PART OF THIS WORK, OWNER SHALL HAVE FIRST SALVAGE RIGHTS TO ANY ITEM REMOVED AS PART OF THIS PROJECT. DISPOSE OF ALL OTHERS. ANY UNUSED EQUIPMENT OR WIRING WILL NOT BE ALLOWED TO BE IN THE ABANDONED PLACE.
- RED TAPE OR MARKING TAPE BE 10" BELOW GRADE TO MARK ELECTRICAL CONDUIT ROUTING.
- AFTER CONSTRUCTION OF NEW LIGHTING SYSTEM, REMOVE OLD LIGHT POLES, FOUNDATIONS AND WIRING, AND ABANDON CONDUIT IN PLACE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE INCURRED IN ANY AREA OF THE PROJECT SUCH AS PAVEMENT, DRIVEWAYS AND SIDEWALKS AND SHALL RESTORE THEM TO THEIR ORIGINAL CONDITION AS DIRECTED BY THE ENGINEER. LANDSCAPED AREAS SHALL BE RESTORED AND DAMAGED PLANT MATERIALS REPLACED TO THE SATISFACTION OF THE ENGINEER.
- LIGHT POLES SHALL BE LOCATED SO AS TO PROVIDE UNOBSTRUCTED WALKWAYS FOR PEDESTRIANS AND SHALL MEET ADA REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE TO IDENTIFY ALL UNDERGROUND AND OVERHEAD UTILITY CONFLICTS AND ENSURE ADEQUATE CLEARANCES BETWEEN UTILITIES AND NEW LIGHTING SYSTEM.
- GROUND ROD MATERIAL AND INSTALLATION IS INCLUDED AS PART OF THE ELECTRICAL EQUIPMENT A AND/OR POLE FOUNDATION PAY ITEMS. REFER TO ELECTRICAL DETAILS OF CABINETS AND/OR POLE FOUNDATION FOR MORE INFORMATION.

C. GUARANTEE

- GUARANTEE IN WRITING ALL ELECTRICAL EQUIPMENT FOR A PERIOD OF ONE YEAR FOLLOWING OF SUBSTANTIAL COMPLETION. STATE THE ADDITIONAL AMOUNT FOR A FIVE YEAR FULL GUARANTEE AND FULL MAINTENANCE CONTRACT OF ELECTRICAL SYSTEM.
- ALL APPARATUS SHALL BE BUILT AND INSTALL SO AS TO DELIVER THE FULL RATED CAPACITY AT THE EFFICIENCY FOR WHICH IT WAS DESIGNED.

D. CONSTRUCTION PHASE SUBMITTALS

SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL. PREPARE AND PROVIDE THE ENGINEER WITH A COMPLETE SET OF CIRCUITED "RECORD" DRAWINGS AT PROJECT COMPLETION. SUCH DRAWINGS SHALL BE SUBMITTED ON A CLEAR AND LEGIBLE REPRODUCIBLE FORM.

PART 2: PRODUCTS

A. QUALITY LEVEL

ALL MATERIAL AND EQUIPMENT USED FOR THIS PROJECT SHALL BE LISTED AND APPROVED FOR THE INTENDED APPLICATIONS UNLESS OTHERWISE NOTED.

B. MATERIAL

- CONDUIT AND WIRE SHALL BE AS SPECIFIED IN THE ELECTRICAL SCHEDULES IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS, DIVISION 800 AND THE SPECIAL PROVISIONS

PART 3: EXECUTION

- PROVIDE A COMPLETE PROPERLY OPERATING SYSTEM FOR EACH ITEM OF EQUIPMENT CALLED FOR UNDER THESE NOTES. INSTALL IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S INSTRUCTIONS. THE BEST INDUSTRY PRACTICES AND UNDER COMPETENT SUPERVISION AT ALL TIMES.
- PRIOR TO INSPECTION TO DETERMINE SUBSTANTIAL COMPLETION, THE CONTRACTOR SHALL OPERATE ALL ELECTRICAL SYSTEMS TO DEMONSTRATE THAT THE INSTALLATION AND PERFORMANCE OF THE SYSTEM CONFORM TO THE REQUIREMENTS SPECIFIED ABOVE AND ON THE DRAWINGS.

LEGEND

	PROPOSED PEDESTRIAN ST LIGHT (NO HANGING BASKETS)
	PROPOSED PEDESTRIAN ST LIGHT (WITH HANGING BASKETS)
	PROPOSED STREET LIGHTING UNIT (WITH HANGING BASKETS)
	PROPOSED RECEPTACLE OUTLET
	PROPOSED HANDHOLE, SPECIAL
	PROPOSED LIGHTING CONTROLLER, BASE MOUNTED
	PROPOSED CABLE IN CONDUIT (REFER TO SCHEDULE)
	RIGID STEEL UNDERGROUND CONDUIT (REFER TO SCHEDULE)
	EXISTING PEDESTRIAN LIGHT POLE TO REMAIN
	EXISTING STREET LIGHT POLE TO REMAIN
	EXISTING PEDESTRIAN LIGHT POLE TO BE REMOVED
	EXISTING STREET LIGHT POLE TO BE REMOVED
	EXISTING JUNCTION BOX TO BE REMOVED
	EXISTING HANDHOLE
	EXISTING LIGHTING CONTROLLER

TAG DESIGNATORS

	H#	HANDHOLE ID NUMBER
	L#	LIGHT UNIT ID NUMBER
	R#	RECEPTACLE OUTLET ID NUMBER
	G#	FEEDER GROUP ID NUMBER
	L#	LIGHTING BRANCH ID NUMBER
	R#	RECEPTACLE BRANCH ID NUMBER
	C#	RIGID GALVANIZED STEEL CONDUIT ID NUMBER

ABBREVIATIONS AND TAG DESCRIPTIONS

L-1	LIGHTING CIRCUIT CONDUIT AND WIRE
R-1	RECEPTACLE CIRCUIT CONDUIT AND WIRE
G-1	FEED GROUP WITH LIGHTING, RECEPTACLE AND IRRIGATION CABINET POWER
LC-1	LIGHTING CONTROLLER CABINET (EXISTING)
IRC-1	IRRIGATION AND PUMP CONTROLLER CABINET
HH-1	ELECTRICAL HANDHOLE
LIGHTING CNT	LIGHTING CONTROLLER CABINET (EXISTING)
GND	GROUND WIRE
RECEPTACLE	OUTDOOR 120V RECEPTACLE OUTLET IN WEATHER RESISTANT HOUSING
CONTACTOR 1	ELECTRICALLY OPERATED LIGHTING CONTACTOR IN LIGHTING CONTROLLER

MODEL: Default
FILE NAME: T:\09\05\022-003 Lake Forest Decerpath Streetscape EJ05_CADD\01_MDD\03_SIT\UtilityLighting-Decerpath_00.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL PLAN
GENERAL NOTES

SCALE: NTS SHEET 1 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	88
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	

CONDUIT AND WIRE SCHEDULE

Tag Drawing Ref.	Serves	To	From	Number of Conduits	Lighting Branch Circuits (LBC)		Receptacle Branch Circuits		Lighting Feeder (LF)		Receptacle Feeder No. 1 (RF1)		Receptacle Feeder No. 2 (RF2)		Receptacle Feeder No. 3 (RF3)	
					Conduit Size	Wires	Conduit Size	Wires	Conduit Size	Wires	Conduit Size	Wires	Conduit Size	Wires	Conduit Size	Wires
BRANCH CIRCUITS																
WESTERN LIGHTING																
L-E1	Cobra Fixture	Light LE-1	HH-1	1	1"	(2) #10, (1) #10 Gnd.										
SOUTH LIGHTING																
L-2	Scroll Fixture	Light L-2	HH-3	1	1"	(2) #10, (1) #10 Gnd.										
L-3	Scroll Fixture	Light L-3	HH-3	1	1"	(2) #10, (1) #10 Gnd.										
L-4	Scroll Fixture	Light L-4	HH-4	1	1"	(2) #10, (1) #10 Gnd.										
L-5	Cobra Fixture	Light L-5	HH-5	1	1"	(2) #10, (1) #10 Gnd.										
L-6	Scroll Fixture	Light L-6	HH-6	1	1"	(2) #10, (1) #10 Gnd.										
L-7	Scroll Fixture	Light L-7	HH-7	1	1"	(2) #10, (1) #10 Gnd.										
L-8	Scroll Fixture	Light L-8	HH-8	1	1"	(2) #10, (1) #10 Gnd.										
L-9	Cobra Fixture	Light L-9	HH-9	1	1"	(2) #10, (1) #10 Gnd.										
L-10	Scroll Fixture	Light L-10	HH-10	1	1"	(2) #10, (1) #10 Gnd.										
NORTH LIGHTING																
L-11	Scroll Fixture	Light L-11	HH-11	1	1"	(2) #10, (1) #10 Gnd.										
L-E12	Cobra Fixture	Light LE-12	HH-12	1	1"	(2) #10, (1) #10 Gnd.										
L-13	Scroll Fixture	Light L-13	HH-13	1	1"	(2) #10, (1) #10 Gnd.										
L-14	Scroll Fixture	Light L-14	HH-14	1	1"	(2) #10, (1) #10 Gnd.										
L-15	Scroll Fixture	Light L-15	HH-15	1	1"	(2) #10, (1) #10 Gnd.										
L-16	Cobra Fixture	Light L-16	HH-16	1	1"	(2) #10, (1) #10 Gnd.										
L-17	Scroll Fixture	Light L-17	HH-17	1	1"	(2) #10, (1) #10 Gnd.										
L-18	Scroll Fixture	Light L-18	HH-18	1	1"	(2) #10, (1) #10 Gnd.										
L-19	Scroll Fixture	Light L-19	HH-19	1	1"	(2) #10, (1) #10 Gnd.										
L-20	Scroll Fixture	Light L-20	HH-20	1	1"	(2) #10, (1) #10 Gnd.										
L-21	Scroll Fixture	Light L-21	HH-21	1	1"	(2) #10, (1) #10 Gnd.										
L-22	Scroll Fixture	Light L-22	HH-22	1	1"	(2) #10, (1) #10 Gnd.										
WESTERN RECEPTACLES																
R-1	Planter Receptacle	Receptacle R-1	HH-2	1			1"	(2) #10, (1) #10 Gnd.								
SOUTHERN RECEPTACLES																
R-2	Planter Receptacle	Receptacle R-2	HH-3	1			1"	(2) #10, (1) #10 Gnd.								
R-3	Planter Receptacle	Receptacle R-3	HH-4	1			1"	(2) #10, (1) #10 Gnd.								
R-4	Planter Receptacle	Receptacle R-4	HH-5	1			1"	(2) #10, (1) #10 Gnd.								
R-5	Planter Receptacle	Receptacle R-5	HH-6	1			1"	(2) #10, (1) #10 Gnd.								
R-6	Tree Receptacle	Receptacle R-6	HH-6	1			1"	(2) #10, (1) #10 Gnd.								
R-7	Tree Receptacle	Receptacle R-7	HH-7	1			1"	(2) #10, (1) #10 Gnd.								
R-8	Planter Receptacle	Receptacle R-8	HH-7	1			1"	(2) #10, (1) #10 Gnd.								
R-9	Planter Receptacle	Receptacle R-9	HH-8	1			1"	(2) #10, (1) #10 Gnd.								
R-10	Planter Receptacle	Receptacle R-10	HH-9	1			1"	(2) #10, (1) #10 Gnd.								
NORTHERN RECEPTACLES																
R-12	Planter Receptacle	Receptacle R-12	HH-13	1			1"	(2) #10, (1) #10 Gnd.								
R-13	Tree Receptacle	Receptacle R-13	HH-14	1			1"	(2) #10, (1) #10 Gnd.								
R-14	Planter Receptacle	Receptacle R-14	HH-14	1			1"	(2) #10, (1) #10 Gnd.								
R-15	Planter Receptacle	Receptacle R-15	HH-15	1			1"	(2) #10, (1) #10 Gnd.								
R-16	Planter Receptacle	Receptacle R-16	HH-15	1			1"	(2) #10, (1) #10 Gnd.								
R-17	Planter Receptacle	Receptacle R-17	HH-16	1			1"	(2) #10, (1) #10 Gnd.								
R-18	Tree Receptacle	Receptacle R-18	HH-17	1			1"	(2) #10, (1) #10 Gnd.								
R-19	Tree Receptacle	Receptacle R-19	HH-17	1			1"	(2) #10, (1) #10 Gnd.								
R-20	Planter Receptacle	Receptacle R-20	HH-18	1			1"	(2) #10, (1) #10 Gnd.								
R-21	Planter Receptacle	Receptacle R-21	HH-18	1			1"	(2) #10, (1) #10 Gnd.								
GROUP FEEDERS																
WESTERN FEEDER GROUPS																
G-1	Group	LC-1	HH-1	8					1-1/2"	(3) #6, (1) #6 Gnd.	1-1/2"	(3) #4, (1) #6 Gnd.	1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.
G-2	Group	HH-1	HH-2	8					1-1/2"	(3) #6, (1) #6 Gnd.	1-1/2"	(3) #4, (1) #6 Gnd.	1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.
G-3	Group	HH-2	HH-3	8					1 1/2"	(3) #6, (1) #6 Gnd.	1 1/2"	(3) #4, (1) #6 Gnd.	1 1/2"	(3) #2, (1) #6 Gnd.	1 1/2"	(3) #1, (1) #6 Gnd.
SOUTH FEEDER GROUPS																
G-4	Group	HH-3	HH-4	4					1-1/2"	(3) #6, (1) #6 Gnd.	1-1/2"	(3) #4, (1) #6 Gnd.	1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.
G-5	Group	HH-4	HH-5	4					1-1/2"	(3) #6, (1) #6 Gnd.	1-1/2"	(3) #4, (1) #6 Gnd.	1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.
G-6	Group	HH-5	HH-6	3					1-1/2"	(3) #6, (1) #6 Gnd.			1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.
G-7	Group	HH-6	HH-7	3					1-1/2"	(3) #6, (1) #6 Gnd.			1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.
G-8	Group	HH-7	HH-8	2					1-1/2"	(3) #6, (1) #6 Gnd.			1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.
G-9	Group	HH-8	HH-9	2					1-1/2"	(3) #6, (1) #6 Gnd.			1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.
G-10	Group	HH-9	HH-10	2					1-1/2"	(3) #6, (1) #6 Gnd.			1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.
NORTH FEEDER GROUPS																
G-11	Group	HH-12	HH-11	2					1-1/2"	(3) #6, (1) #6 Gnd.						
G-12	Group	HH-13	HH-12	2					1-1/2"	(3) #6, (1) #6 Gnd.						
G-13	Group	HH-3	HH-13	5					1-1/2"	(3) #6, (1) #6 Gnd.						
G-14	Group	HH-13	HH-14	5					1-1/2"	(3) #6, (1) #6 Gnd.						
G-15	Group	HH-14	HH-15	4					1-1/2"	(3) #6, (1) #6 Gnd.						
G-16	Group	HH-15	HH-16	4					1-1/2"	(3) #6, (1) #6 Gnd.						
G-17	Group	HH-16	HH-17	3					1-1/2"	(3) #6, (1) #6 Gnd.						
G-18	Group	HH-17	HH-18	3					1-1/2"	(3) #6, (1) #6 Gnd.						
G-19	Group	HH-18	HH-19	2					1-1/2"	(3) #6, (1) #6 Gnd.						
G-IRC	Group	IRC1	HH-18	1												
G-20	Group	HH-18	HH-20	2					1-1/2"	(3) #6, (1) #6 Gnd.						
G-21	Group	HH-20	HH-21	2					1-1/2"	(3) #6, (1) #6 Gnd.						
G-22	Group	HH-21	HH-22	2					1-1/2"	(3) #6, (1) #6 Gnd.						
G-23	Group	HH-22	HH-23	2					1-1/2"	(3) #6, (1) #6 Gnd.						
C-2	Sleeve	HH-1	HH-2	4												
C-6	Sleeve	HH-5	HH-6	2												
C-8	Sleeve	HH-7	HH-8	1												
C-10	Sleeve	HH-9	HH-10	1												
C-11	Sleeve	HH-12	HH-11	1												
C-13	Sleeve	HH-3	HH-13	3												
C-16	Sleeve	HH-15	HH-16	2												
C-20	Sleeve	HH-18	HH-20	1												
C-23	Sleeve	HH-23	HH-22	1												

MODEL: Default
FILE NAME: T:\050522-003 Lake Forest Decerpath Streetcapes E305_CADD\01_MDD\03_SIT\TentLighting-Decerpath_00.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL PLAN
SCHEDULES

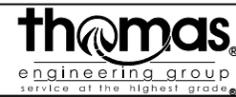
SCALE: NTS SHEET 2 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	89
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

CONDUIT AND WIRE SCHEDULE

Tag Drawing Ref.	Serves	To	From	Number of Conduits	Receptacle Feeder No. 4 (RF4)		Receptacle Feeder No. 5 (RF5)		Receptacle Feeder No. 6 (RF6)		Spare and Other Conduits (OC)		Irrigation Controller (FIRC)		Controller Contactor	Load Wattage
					Conduit Size	Wires	Conduit Size	Wires	Conduit Size	Wires	Conduit Size	Wires	Conduit Size	Wires		
BRANCH CIRCUITS																
WESTERN LIGHTING																
L-E1	Cobra Fixture	Light LE-1	HH-1	1											Contactor 1	50 W
SOUTH LIGHTING																
L-2	Scroll Fixture	Light L-2	HH-3	1											Contactor 1	25 W
L-3	Scroll Fixture	Light L-3	HH-3	1											Contactor 1	25 W
L-4	Scroll Fixture	Light L-4	HH-4	1											Contactor 1	25 W
L-5	Cobra Fixture	Light L-5	HH-5	1											Contactor 1	75 W
L-6	Scroll Fixture	Light L-6	HH-6	1											Contactor 1	25 W
L-7	Scroll Fixture	Light L-7	HH-7	1											Contactor 1	25 W
L-8	Scroll Fixture	Light L-8	HH-8	1											Contactor 1	25 W
L-9	Cobra Fixture	Light L-9	HH-9	1											Contactor 1	75 W
L-10	Scroll Fixture	Light L-10	HH-10	1											Contactor 1	25 W
NORTH LIGHTING																
L-11	Scroll Fixture	Light L-11	HH-11	1											Contactor 1	25 W
L-E12	Cobra Fixture	Light LE-12	HH-12	1											Contactor 1	50 W
L-13	Scroll Fixture	Light L-13	HH-13	1											Contactor 1	25 W
L-14	Scroll Fixture	Light L-14	HH-14	1											Contactor 1	25 W
L-15	Scroll Fixture	Light L-15	HH-15	1											Contactor 1	25 W
L-16	Cobra Fixture	Light L-16	HH-16	1											Contactor 1	75 W
L-17	Scroll Fixture	Light L-17	HH-17	1											Contactor 1	25 W
L-18	Scroll Fixture	Light L-18	HH-18	1											Contactor 1	25 W
L-19	Scroll Fixture	Light L-19	HH-19	1											Contactor 1	25 W
L-20	Scroll Fixture	Light L-20	HH-20	1											Contactor 1	25 W
L-21	Scroll Fixture	Light L-21	HH-21	1											Contactor 1	25 W
L-22	Scroll Fixture	Light L-22	HH-22	1											Contactor 1	25 W
WESTERN RECEPTACLES																
R-1	Planter Receptacle	Receptacle R-1	HH-2	1											Contactor 2	780 W
SOUTHERN RECEPTACLES																
R-2	Planter Receptacle	Receptacle R-2	HH-3	1											Contactor 2	780 W
R-3	Planter Receptacle	Receptacle R-3	HH-4	1											Contactor 2	780 W
R-4	Planter Receptacle	Receptacle R-4	HH-5	1											Contactor 2	780 W
R-5	Planter Receptacle	Receptacle R-5	HH-6	1											Contactor 2	780 W
R-6	Tree Receptacle	Receptacle R-6	HH-6	1											Contactor 2	780 W
R-7	Tree Receptacle	Receptacle R-7	HH-7	1											Contactor 2	780 W
R-8	Planter Receptacle	Receptacle R-8	HH-7	1											Contactor 2	780 W
R-9	Planter Receptacle	Receptacle R-9	HH-8	1											Contactor 2	780 W
R-10	Planter Receptacle	Receptacle R-10	HH-9	1											Contactor 2	780 W
NORTHERN RECEPTACLES																
R-12	Planter Receptacle	Receptacle R-12	HH-13	1											Contactor 2	780 W
R-13	Tree Receptacle	Receptacle R-13	HH-14	1											Contactor 2	780 W
R-14	Planter Receptacle	Receptacle R-14	HH-14	1											Contactor 2	780 W
R-15	Planter Receptacle	Receptacle R-15	HH-15	1											Contactor 2	780 W
R-16	Planter Receptacle	Receptacle R-16	HH-15	1											Contactor 2	780 W
R-17	Planter Receptacle	Receptacle R-17	HH-16	1											Contactor 2	780 W
R-18	Tree Receptacle	Receptacle R-18	HH-17	1											Contactor 2	780 W
R-19	Tree Receptacle	Receptacle R-19	HH-17	1											Contactor 2	780 W
R-20	Planter Receptacle	Receptacle R-20	HH-18	1											Contactor 2	780 W
R-21	Planter Receptacle	Receptacle R-21	HH-18	1											Contactor 2	780 W
GROUP FEEDERS																
WESTERN FEEDER GROUPS																
G-1	Group	LC-1	HH-1	8	1-1/2"	(3) #4, (1) #6 Gnd.	1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.			1-1/2"	(2) #6, (1) #6 Gnd.		
G-2	Group	HH-1	HH-2	8	1-1/2"	(3) #4, (1) #6 Gnd.	1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.			1-1/2"	(2) #6, (1) #6 Gnd.		
G-3	Group	HH-2	HH-3	8	1 1/2"	(3) #4, (1) #6 Gnd.	1 1/2"	(3) #2, (1) #6 Gnd.	1 1/2"	(3) #1, (1) #6 Gnd.			1 1/2"	(2) #6, (1) #6 Gnd.		
SOUTH FEEDER GROUPS																
G-4	Group	HH-3	HH-4	4												
G-5	Group	HH-4	HH-5	4												
G-6	Group	HH-5	HH-6	3												
G-7	Group	HH-6	HH-7	3												
G-8	Group	HH-7	HH-8	2												
G-9	Group	HH-8	HH-9	2												
G-10	Group	HH-9	HH-10	2							1-1/2"	Spare				
NORTH FEEDER GROUPS																
G-11	Group	HH-12	HH-11	2							1-1/2"	Spare				
G-12	Group	HH-13	HH-12	2							1-1/2"	Spare				
G-13	Group	HH-3	HH-13	5	1-1/2"	(3) #4, (1) #6 Gnd.	1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.			1-1/2"	(2) #6, (1) #6 Gnd.		
G-14	Group	HH-13	HH-14	5	1-1/2"	(3) #4, (1) #6 Gnd.	1-1/2"	(3) #2, (1) #6 Gnd.	1-1/2"	(3) #1, (1) #6 Gnd.			1-1/2"	(2) #6, (1) #6 Gnd.		
G-15	Group	HH-14	HH-15	4									1-1/2"	(2) #6, (1) #6 Gnd.		
G-16	Group	HH-15	HH-16	4									1-1/2"	(2) #6, (1) #6 Gnd.		
G-17	Group	HH-16	HH-17	3									1-1/2"	(2) #6, (1) #6 Gnd.		
G-18	Group	HH-17	HH-18	3									1-1/2"	(2) #6, (1) #6 Gnd.		
G-19	Group	HH-18	HH-19	2									1-1/2"	(2) #6, (1) #6 Gnd.		
G-IRC	Group	IRC1	HH-18	1									1-1/2"	(2) #6, (1) #6 Gnd.	Not Switched	1176 VA
G-20	Group	HH-18	HH-20	2									1-1/2"			
G-21	Group	HH-20	HH-21	2									1-1/2"			
G-22	Group	HH-21	HH-22	2									1-1/2"			
G-23	Group	HH-22	HH-23	2									1-1/2"			
C-2	Sleeve	HH-1	HH-2	4							4"	RGS Conduit				
C-6	Sleeve	HH-5	HH-6	2							4"	RGS Conduit				
C-8	Sleeve	HH-7	HH-8	1							4"	RGS Conduit				
C-10	Sleeve	HH-9	HH-10	1							4"	RGS Conduit				
C-11	Sleeve	HH-12	HH-11	1							4"	RGS Conduit				
C-13	Sleeve	HH-3	HH-13	3							4"	RGS Conduit				
C-16	Sleeve	HH-15	HH-16	2							4"	RGS Conduit				
C-20	Sleeve	HH-18	HH-20	1							4"	RGS Conduit				
C-23	Sleeve	HH-23	HH-22	1							4"	RGS Conduit				

MODEL: Default
FILE NAME: I:\Projects\2022-003 Lake Forest Streetlights-Deerpark-Deerpark-00.dgn



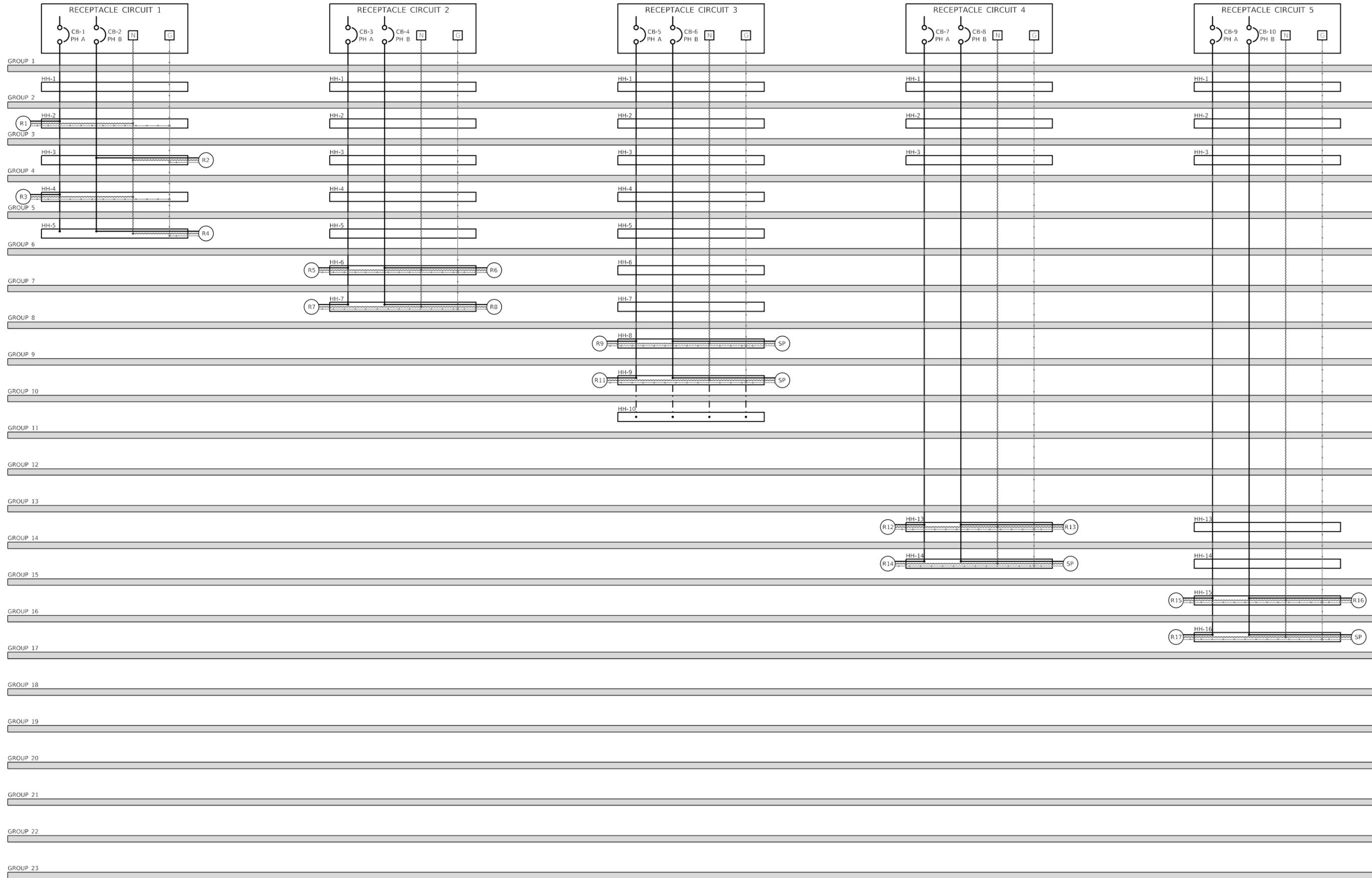
USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL PLAN
SCHEDULES

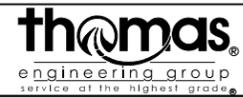
SCALE: NTS SHEET 3 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-0093-00-SW	LAKE	133	90
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



SINGLE LINE DIAGRAM

MODEL: Defaul...
 FILE NAME: T:\proj\080522-003 Lake Forest Deerpath Streetcapes E205_CADD\01_MDD\03_Schematic\lighting\Deerpath_00.dgn



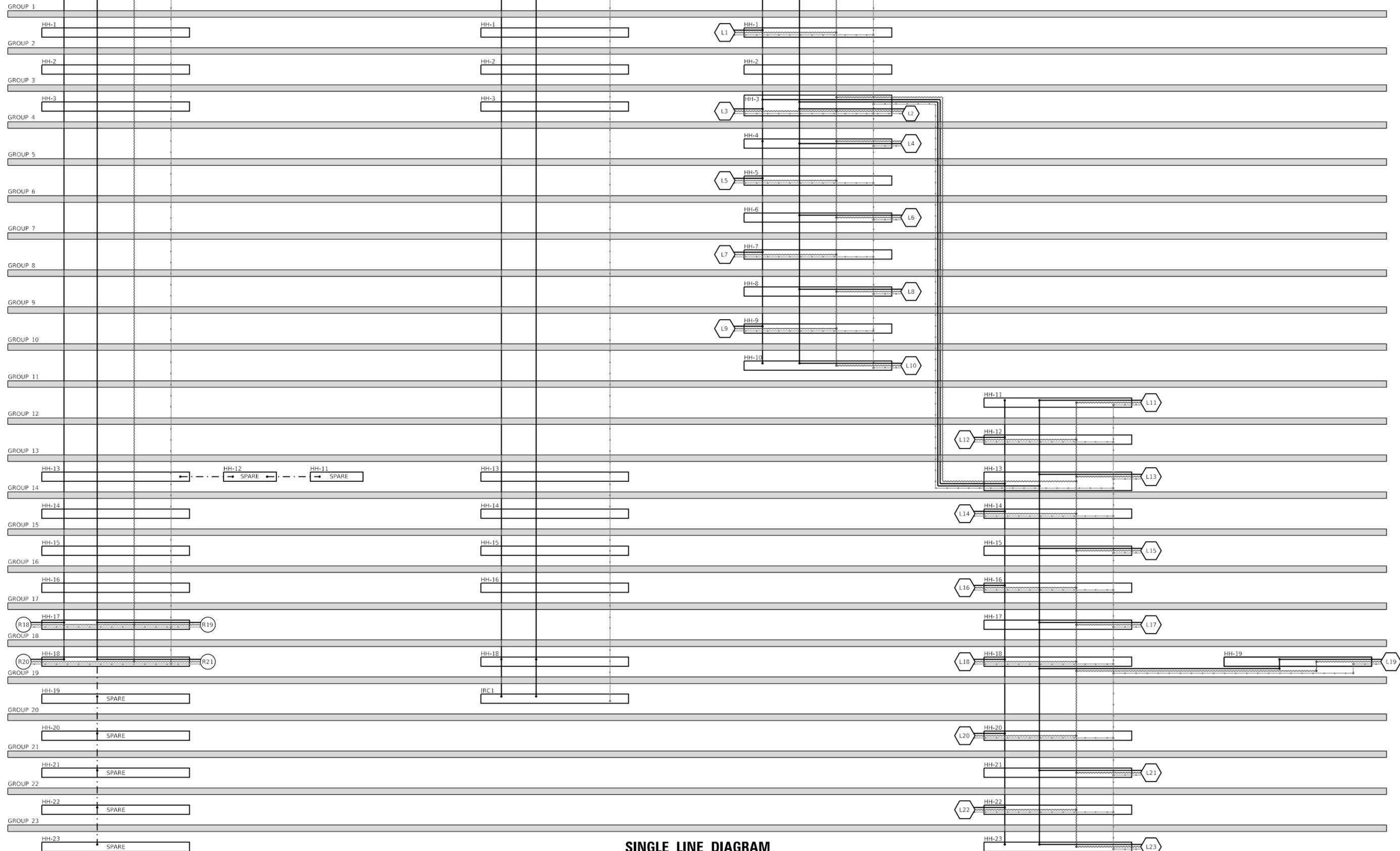
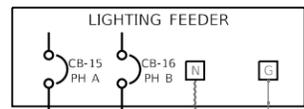
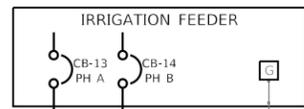
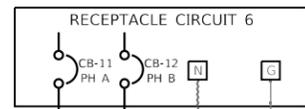
USER NAME = VinceM	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELECTRICAL PLAN
DETAILS**

SCALE: NTS SHEET 4 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	91
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



SINGLE LINE DIAGRAM

MODEL: Default
FILE NAME: T:\08052322-003 Lake Forest Deerpath Streetcrops E205_CADD\01_MDD\03_Schematic\Lighting-Deerpath_00.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

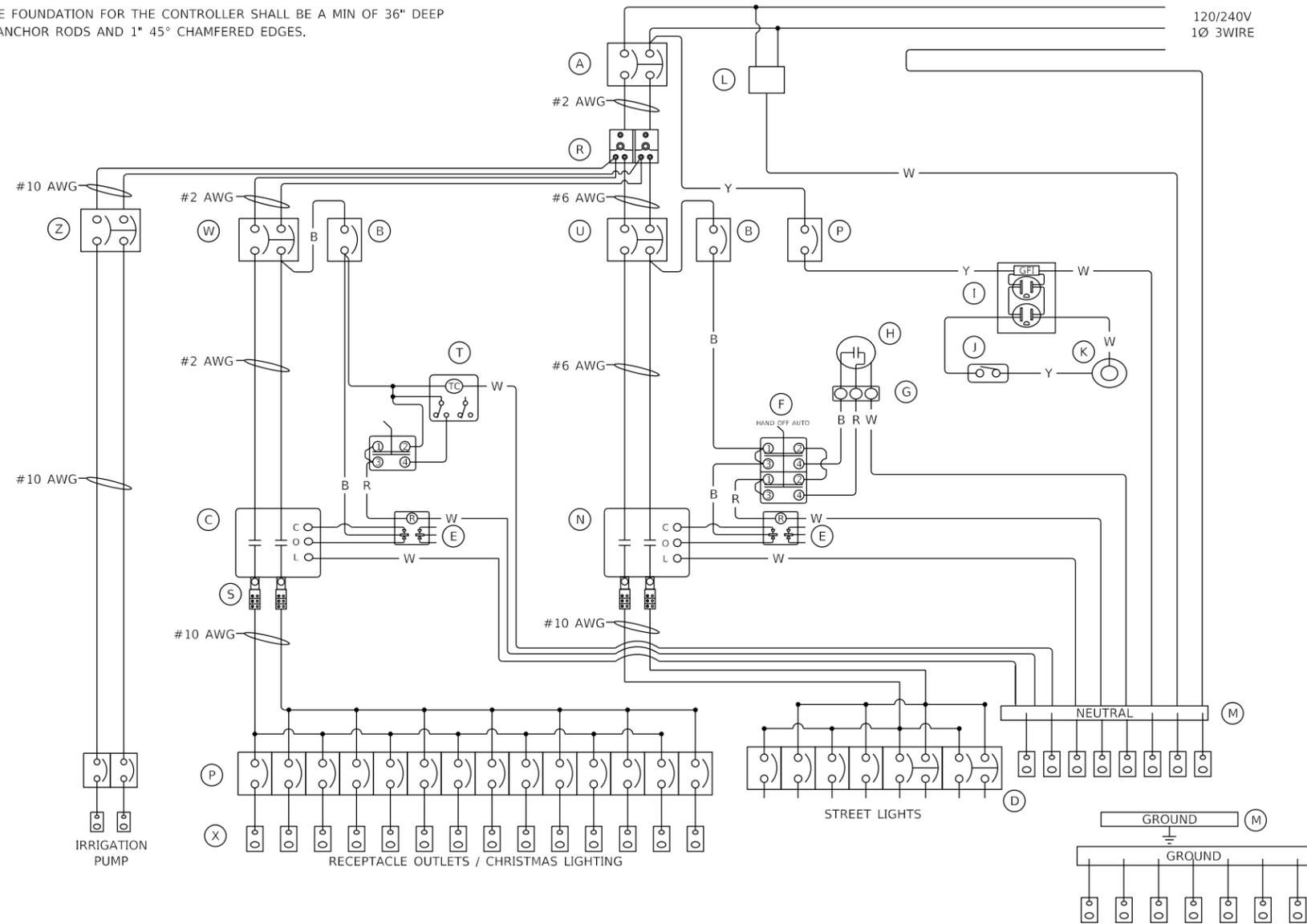
**ELECTRICAL PLAN
DETAILS**

SCALE: NTS SHEET 5 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	92
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				

CONTROLLER NOTES

- EX LIGHTING CIRCUIT BREAKERS FOR THE EX LIGHTING CIRCUITS TO REMAIN AND THE EX UTILITY ELECTRICAL SERVICE SHALL BE TRANSFERRED OVER FROM THE EX LIGHTING CONTROLLER TO THE PR LIGHTING CONTROLLER, ARRANGED, AND CONNECTED BY A QUALIFIED ELECTRICAL CONTRACTOR.
- ALL WORK REQUIRED TO MAP THE EX CIRCUITS TO REMAIN AND TRANSFER TO THE PR LIGHTING CONTROLLER SHALL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST OF REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE.
- THE IRRIGATION CABINET'S 240V CIRCUIT FROM THE CONTROLLER WILL NOT BE CONTROLLED BY THE CONTACTORS OR SWITCHED.
- THE CONCRETE FOUNDATION FOR THE CONTROLLER SHALL BE A MIN OF 36" DEEP WITH 3/8" DIA ANCHOR RODS AND 1" 45° CHAMFERED EDGES.



BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION
A	1	2P/100A MAIN BREAKER
B	2	1P/15A CTRL BREAKER
C	1	2P/10A CONTACTOR
D	4	BRANCH BREAKER
E	2	120V COIL RELAY
F	2	H.O.A. SWITCH
G	1	3PT TERMINAL BLOCK
H	1	PHOTOCELL
I	1	20A GFCI RECPT.
J	1	DOOR SWITCH
K	1	LED LIGHT FIXTURE
L	1	SURGE ARRESTER
M	2	12" X 1" X 1/4" GROUND/NEUTRAL BUS
N	1	2P/60A CONTACTOR
O	10	TERMINAL BLOCK
P	11	1P/20A BREAKER
R	1	DIST. BLOCK
S	4	8 HOLE LUG
T	1	ELECTRONIC, 7 DAY, 2 CIRC. DL SAVING, TIME CLOCK
U	1	2P/60A BREAKER
W	1	2P/100A BREAKER
X	14	10-12 AWG TO 8-1 AEG LUG BLOCK
Z	1	40A 2p 240V CIRCUIT BREAKER

NOTES

- ALL POWER WIRING WILL BE RHH/RHW
- ALL CONTROL WIRING WILL BE #12 MTW
- WIRE COLORS:
BL = BLUE
W = WHITE
B = BLACK
R = RED
Y = YELLOW
G = GREEN
- (#) = CKT#

MOUNTED IN APX 60" X 48" X 30"
ALUMINUM NEMA 3R ENCLOSURE
PAINTED BLACK

LIGHTING CONTROLLER

MODEL: Default
FILE NAME: T:\09050322-003 Lake Forest Decerpath- Streetscape E3105_CADD\01_MDD\03_Schematic\Lighting-Decerpath_00.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISIONS -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - KVZ	REVISIONS -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

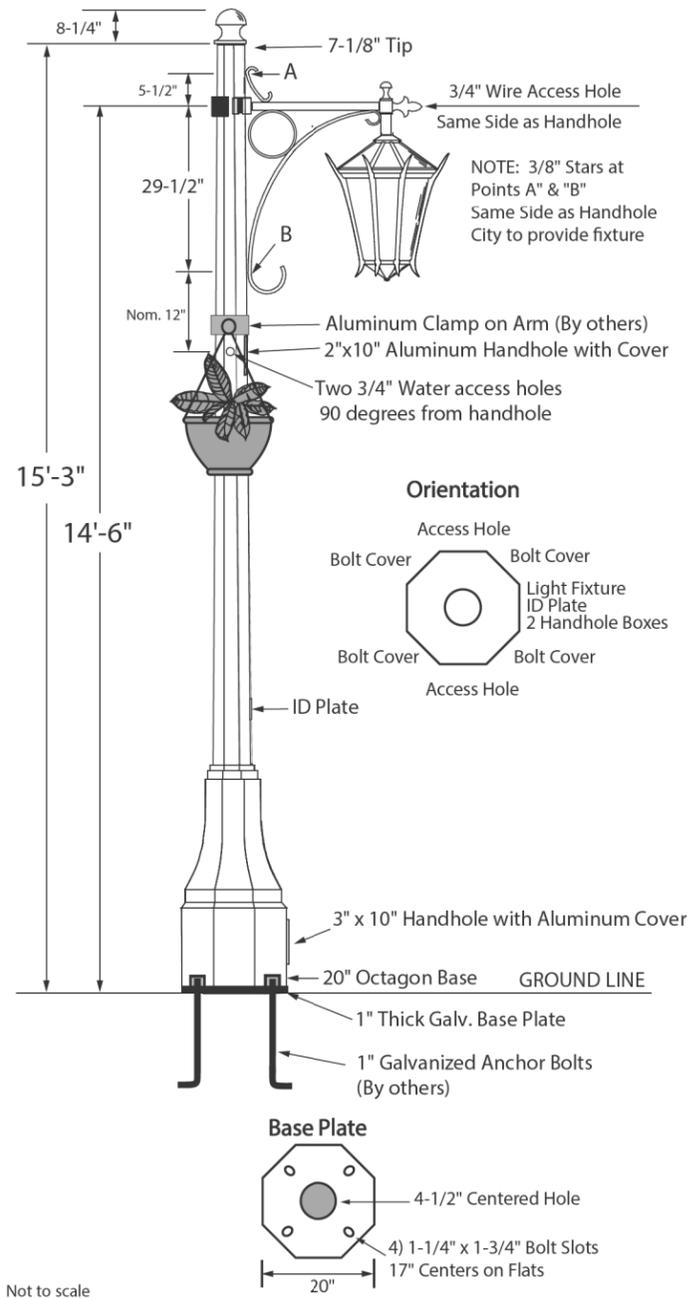
ELECTRICAL PLAN
DETAILS

SCALE: NTS SHEET 6 OF 15 SHEETS STA. TO STA.

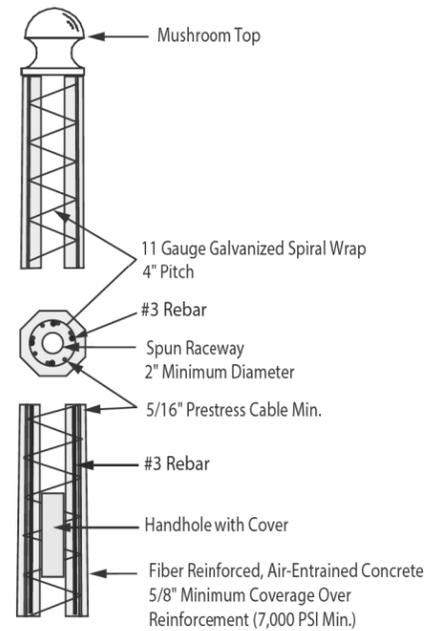
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	93
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	

900 Series

Prestressed, Spun Concrete Light Pole



STRUCTURAL DETAIL



Job: **Deerpath**

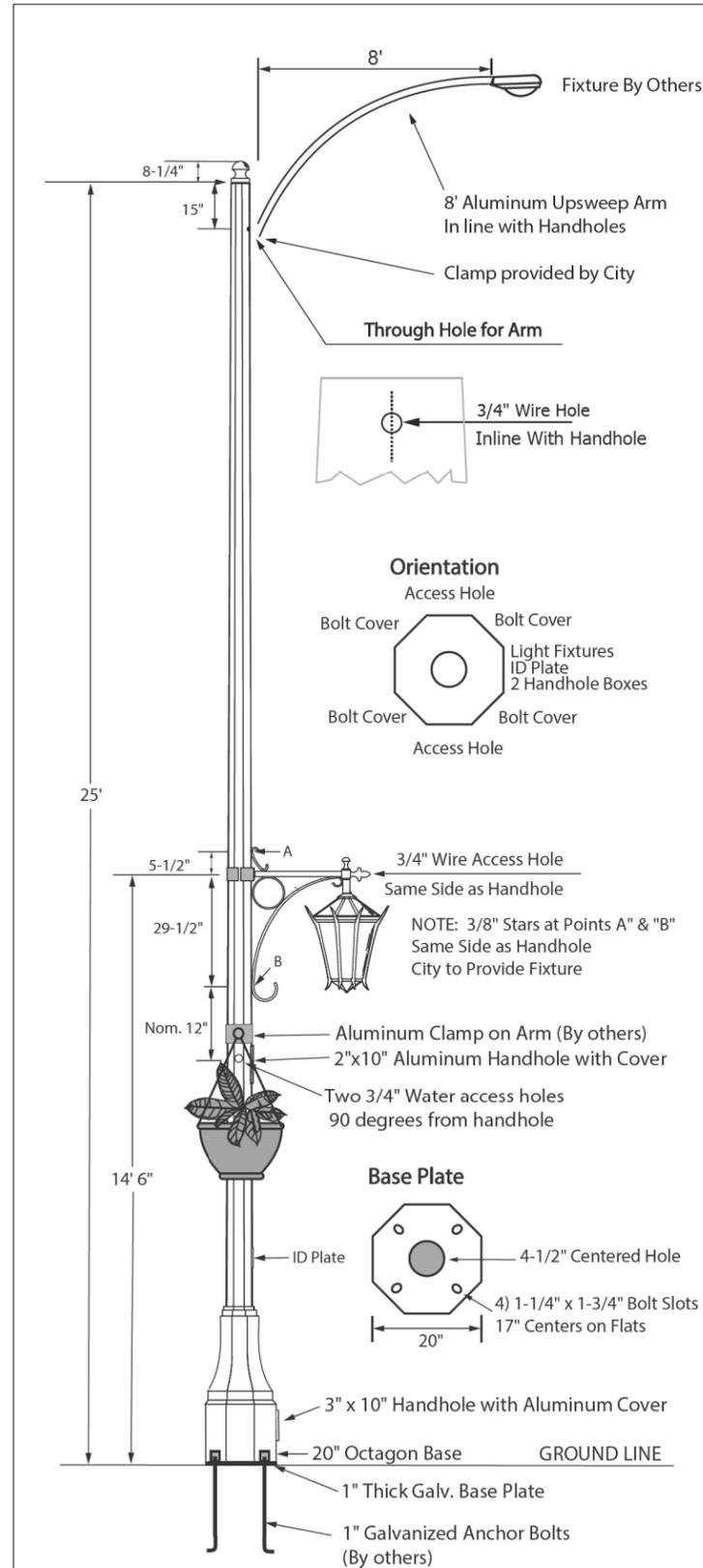
Pole #: **A915-SG-EA-M51-2H**
Anchor Base 900 Series Concrete Pole
15' Above Ground
Sky Gray Color
Etched Finish with Acrylic Sealer
Mushroom Top, Side Inserts for Fixture,
2 Inserts for Water Access, and
2 Handhole Boxes.

TRADITIONAL CONCRETE, INC.
Street Light Poles
PO Box 157
W142 N9110 Fountain Blvd.
Menomonee Falls, WI 53052-0157
(888) 719-7599 toll-free
(262) 250-7599
info@concretepoles.com
concretepoles.com

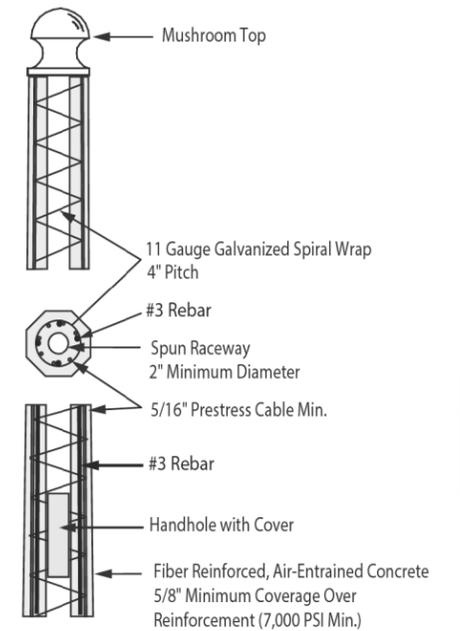
Drawing Approval By: _____
Date: _____

A915-M51-2H Deerpath 7/24/24

PEDESTRIAN ST LIGHT



STRUCTURAL DETAIL



Job: **Deerpath**

Pole #: **A925-SG-EA-M61-2H-8U**

Anchor Base 900 Series
25' Above Ground
Sky Gray Color
Etched Finish with Acrylic Sealer,
Mushroom Top, Side Inserts for Fixtures,
2 Inserts for Water Access,
2 Handhole Boxes, and
8' Aluminum Upsweep Arm

TRADITIONAL CONCRETE, INC.
Street Light Poles
PO Box 157
W142 N9110 Fountain Blvd.
Menomonee Falls, WI 53052-0157
(888) 719-7599 toll-free
(262) 250-7599
info@concretepoles.com
concretepoles.com

Drawing Approval By: _____
Date: _____

A925-M61-2H-8U Deerpath 7/30/2024

STREET LIGHTING UNIT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL PLAN
DETAILS

SCALE: NTS SHEET 7 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	94
CONTRACT NO. 61L05				

ILLINOIS FED. AID PROJECT

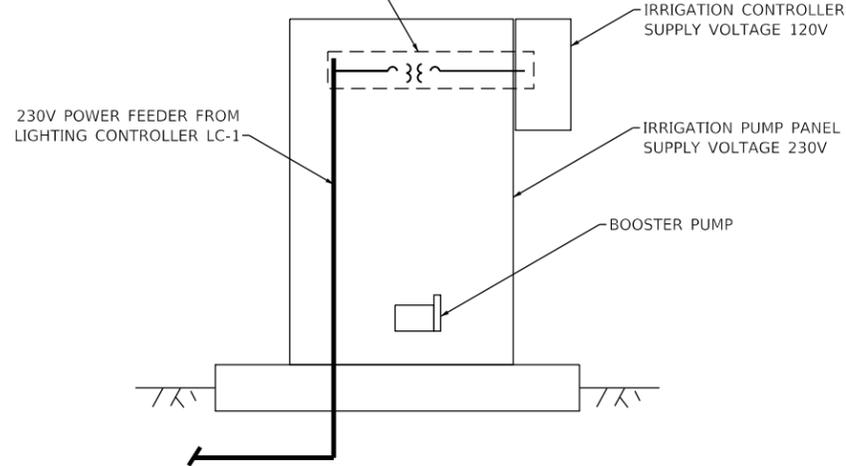
thomas
engineering group
service at the highest grade.

USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 10.0000 "/in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

NOTE

POWER TRANSFORMER TO FEED IRRIGATION CONTROLLER FROM IRRIGATION PUMP PANEL INTERNAL 230V. CONNECT 230V FEED CIRCUIT AFTER MAIN CIRCUIT BREAKER.

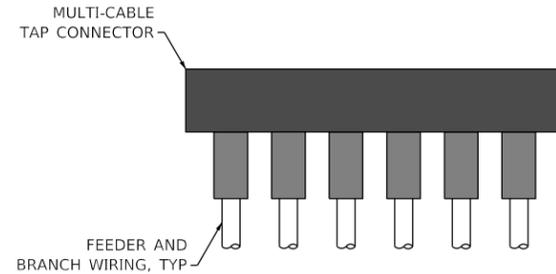
230V-120V 1PH CONTROL POWER TRANSFORMER WITH PRIMARY AND SECONDARY CIRCUIT BREAKER PROTECTION



POWER FEED TO IRRIGATION CONTROLLER

NOTES

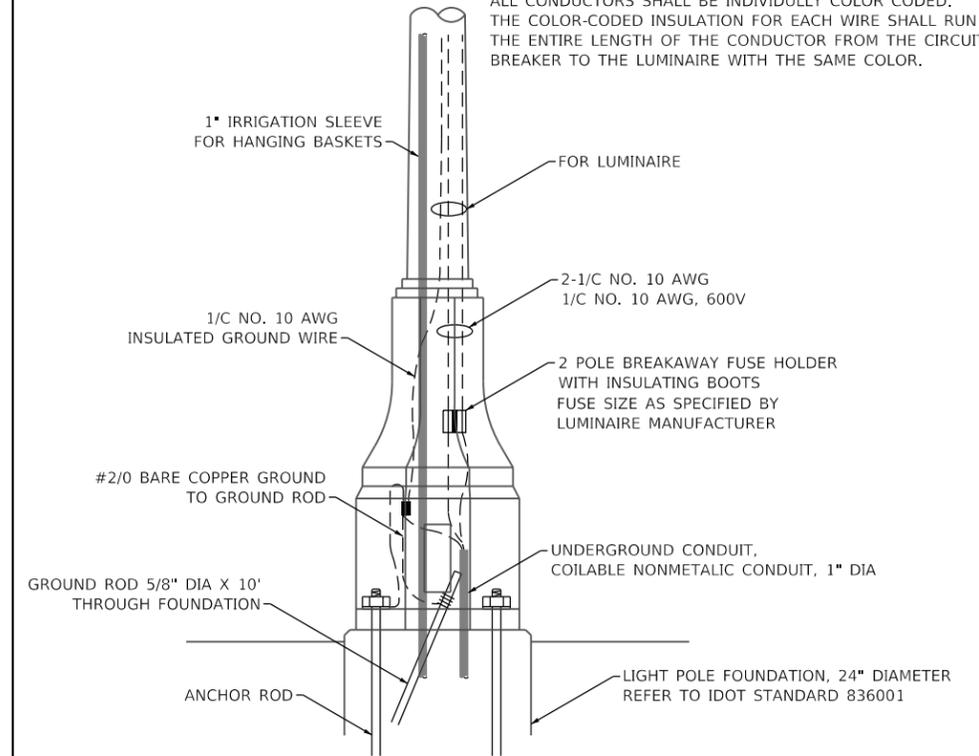
1. 600 VOLT RATING
2. FULLY INSULATED
3. WATERPROOF AND SUBMERSIBLE
4. MECHANICAL COMPRESSION SCREWS
5. UL 486A-486B LISTED
6. DUAL RATED AL9CU FOR COPPER AND ALUMINUM CONDUCTORS
7. CABLE PORTS FILLED WITH OXIDE INHIBITOR
8. SIZE WIRE AND PORT QUANTITY AS NEEDED



MULTI-CABLE TAP CONNECTOR

NOTE

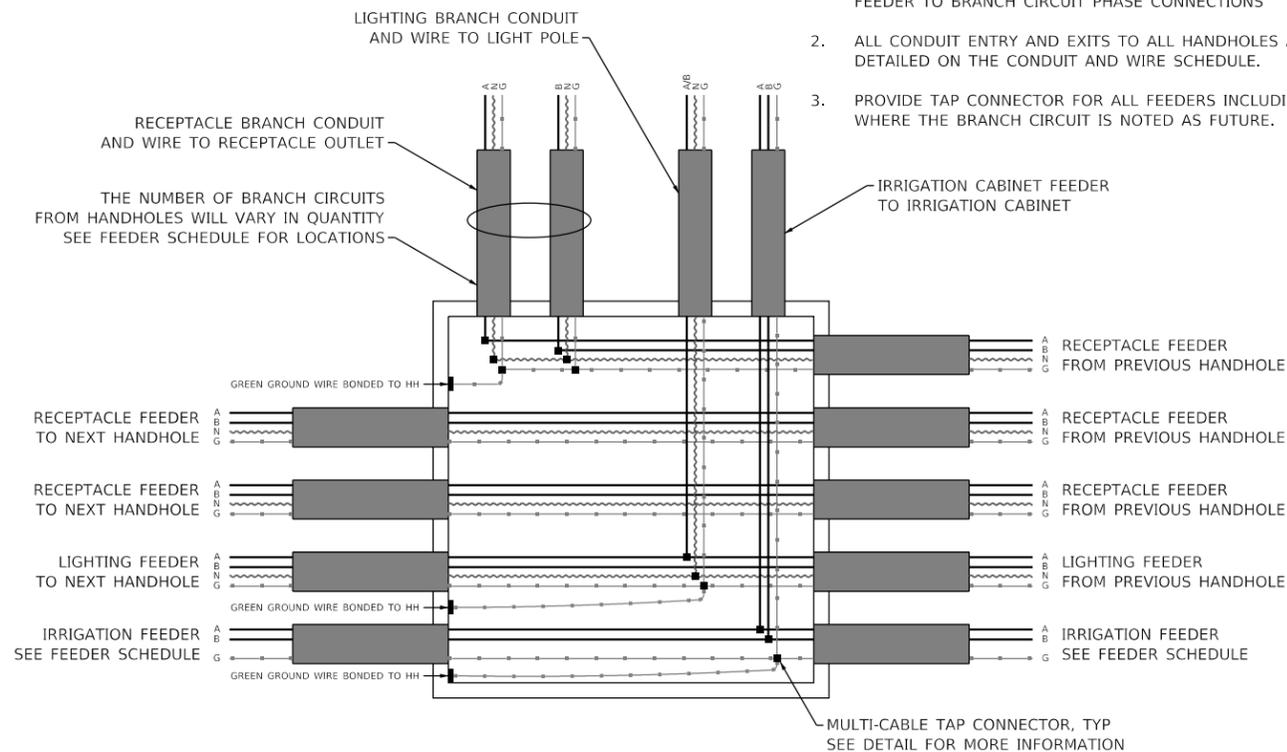
ALL CONDUCTORS SHALL BE INDIVIDUALLY COLOR CODED. THE COLOR-CODED INSULATION FOR EACH WIRE SHALL RUN THE ENTIRE LENGTH OF THE CONDUCTOR FROM THE CIRCUIT BREAKER TO THE LUMINAIRE WITH THE SAME COLOR.



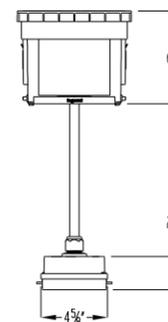
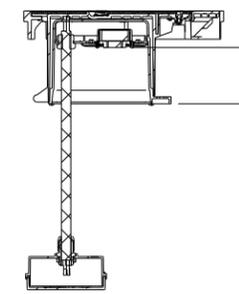
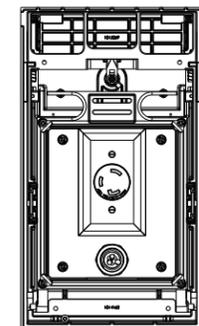
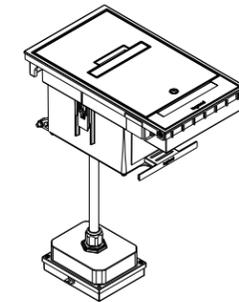
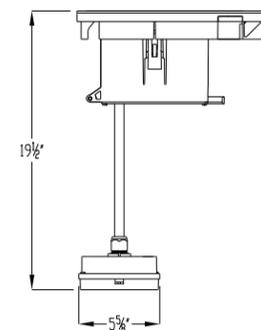
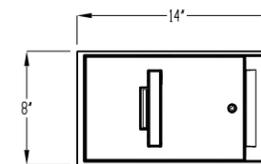
POLE HANDHOLE WIRING

NOTES

1. SEE SINGLE LINE DIAGRAM FOR RECEPTACLE AND LIGHTING FEEDER TO BRANCH CIRCUIT PHASE CONNECTIONS
2. ALL CONDUIT ENTRY AND EXITS TO ALL HANDHOLES ARE DETAILED ON THE CONDUIT AND WIRE SCHEDULE.
3. PROVIDE TAP CONNECTOR FOR ALL FEEDERS INCLUDING WHERE THE BRANCH CIRCUIT IS NOTED AS FUTURE.



TYPICAL HANDHOLE CONNECTIONS



RECEPTACLE OUTLET

MODEL: Default
FILE NAME: T:\05052322-003 Lake Forest Decrapath Streetscape E205_CADD\01_MDD\03_Schematic\Lighting-Decrapath_00.dgn



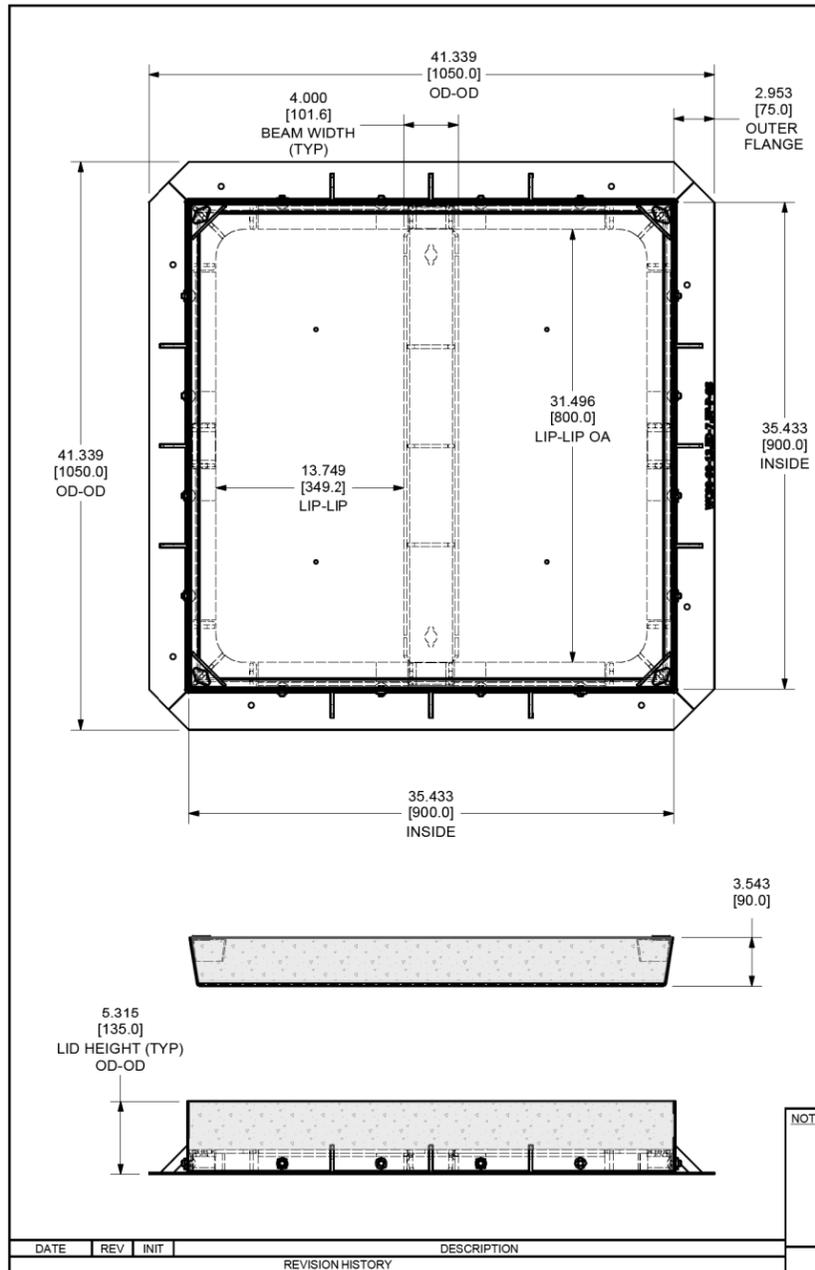
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PLOT SCALE = 10.0000 "/>		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

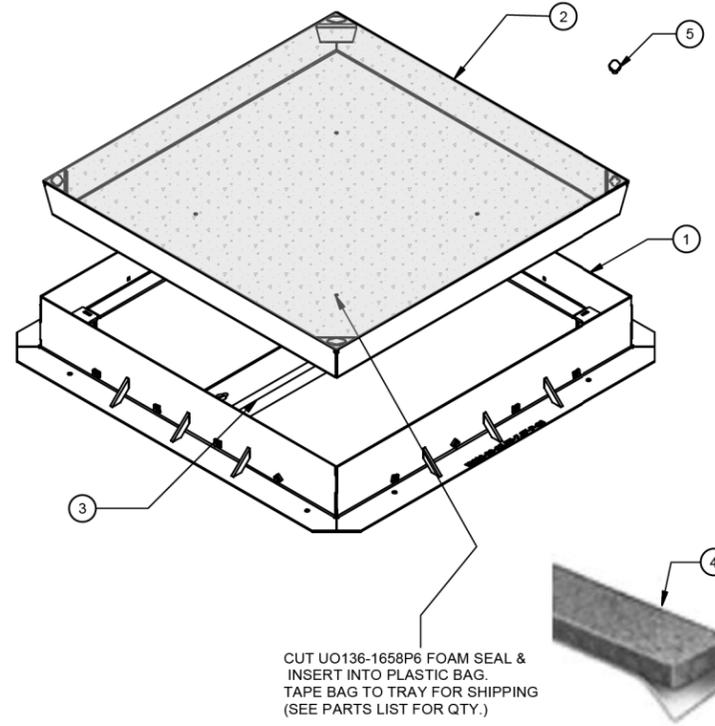
**ELECTRICAL PLAN
DETAILS**

SCALE: NTS SHEET 8 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	95
CONTRACT NO. 61L05			ILLINOIS FED. AID PROJECT	



*** HEAVY PART ***
 USE SECOND OPERATOR/WELDER, TECHNICIAN, PALLET JACK OR FORKLIFT TO LOAD / UNLOAD, FIXTURE, MOVE OR ASSEMBLE AS NEEDED.
 175.8 lbs



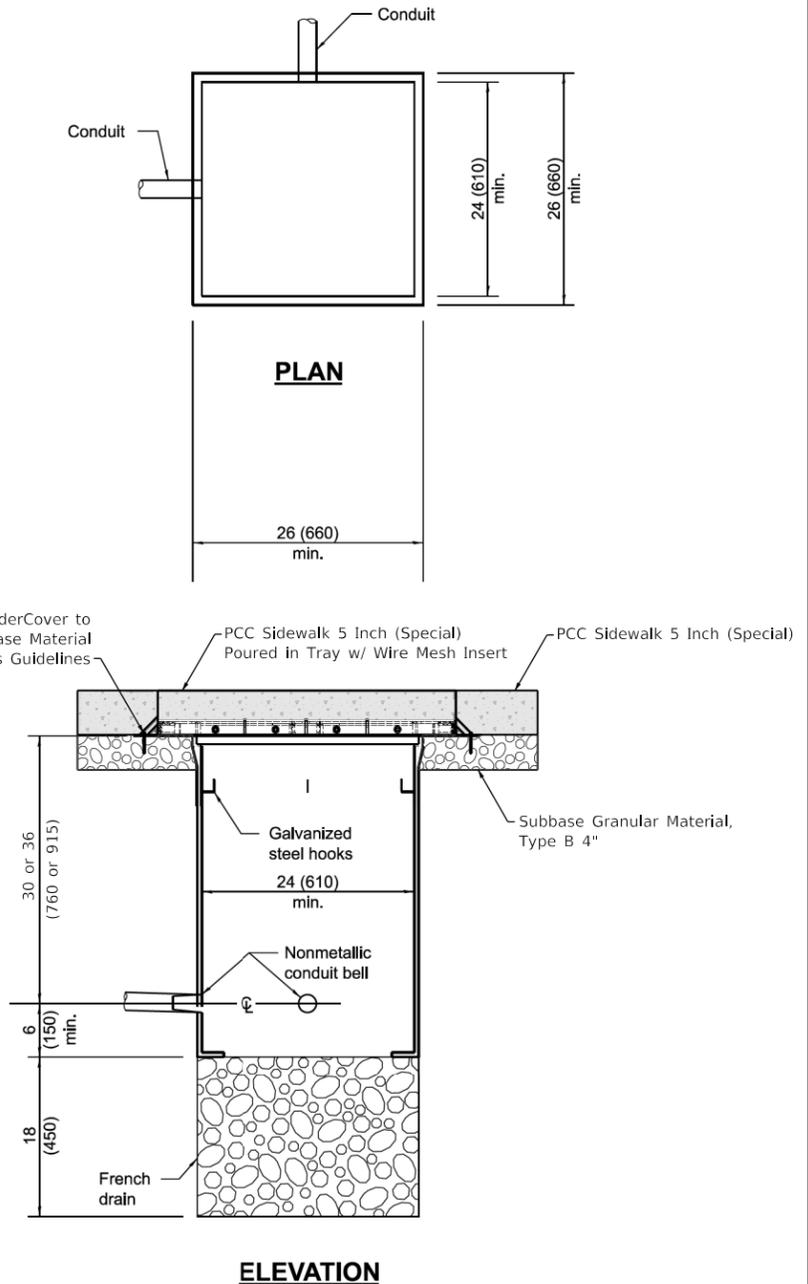
CUT UO136-1658P6 FOAM SEAL & INSERT INTO PLASTIC BAG. TAPE BAG TO TRAY FOR SHIPPING (SEE PARTS LIST FOR QTY.)

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	HWS57-736	FRAME WELDMENT
2	1	HWS57-740	TRAY WELDMENT
3	1	HWS57-741	CROSSMEMBER WELDMENT
4	13 ft	UO136-1658P6	1/4"x1" SEAL
5	4	HWS136-001	SAFETY PLUG

DATE	REV	INIT	DESCRIPTION
REVISION HISTORY			

NOTES:
 DIMENSIONS IN INCHES U.N.O.
 ALL DIMENSIONS OD U.N.O.
 TOLERANCE OF DIMENSIONS
 DECIMAL
 X.XXXX ± 0.010
 X.XXX ± 0.030
 X.XX ± 0.060
 FRACTIONAL ± 1/6
 ANGULAR ± 1°

HWS54-182		WunderCovers® All Rights Reserved
WC90-90-13.5D-7.5F-P-SS Wundercover		
DRAWN: beaston	DATE: 6/2/2016	
CUST PART ID: WC90-90-13.5D-7.5F-P-SS		
MATERIAL: 316 STAINLESS STEEL		SHEET: 1 / 1
FINISH: RAW		



ELEVATION
COMPOSITE CONCRETE
HANDHOLE (SPECIAL)

MODEL: Default
 FILE NAME: T:\06\05\022-003 Lake Forest Decerpath Streetscape E205_CADD\01_MCD\03_SIT\Tchh-lighting-Decerpath_00.dgn



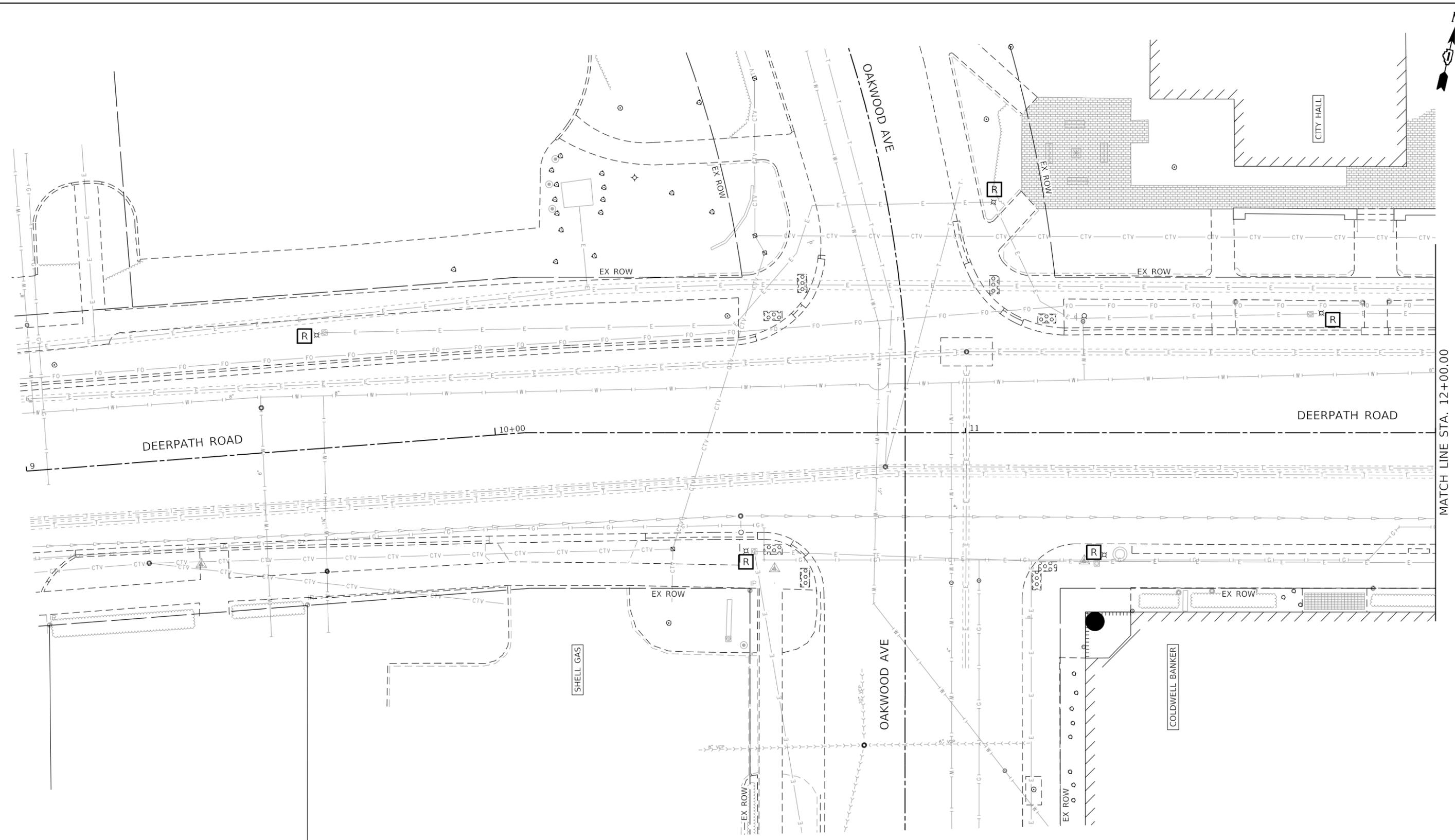
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PLOT SCALE = 10.0000 "/in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

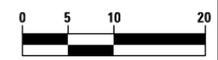
ELECTRICAL PLAN
DETAILS

SCALE: NTS SHEET 9 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	96
			CONTRACT NO. 61L05	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 12+00.00



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: T:\05052322-003 Lake Forest Deerpath Streetscape E2105_CADD\01_MDD\03_SIT\Utility\lighting-Deerpath01.dgn



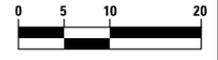
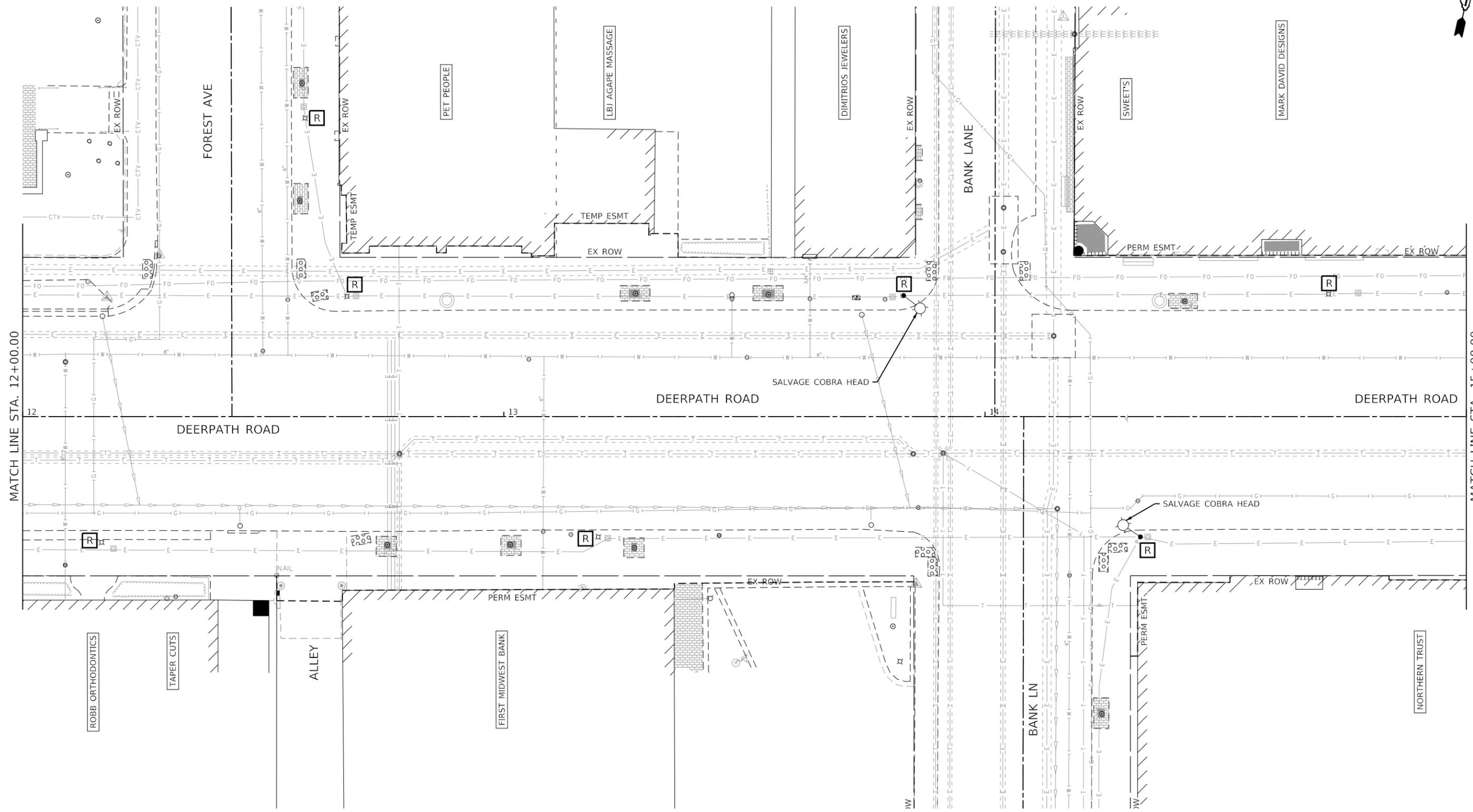
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	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELECTRICAL PLAN
REMOVALS**

SCALE: 1"=10' SHEET 10 OF 15 SHEETS STA. 9+00 TO STA. 12+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	97
CONTRACT NO. 61L05				
		ILLINOIS	FED. AID PROJECT	



HORIZONTAL SCALE IN FEET

MODEL: Default
 FILE NAME: I:\projects\2022-003 Lake Forest Deerpath Streetscape E205_CADD\01_MXD\03_SIT\Utility\lighting-Deerpath.dwg



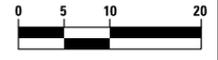
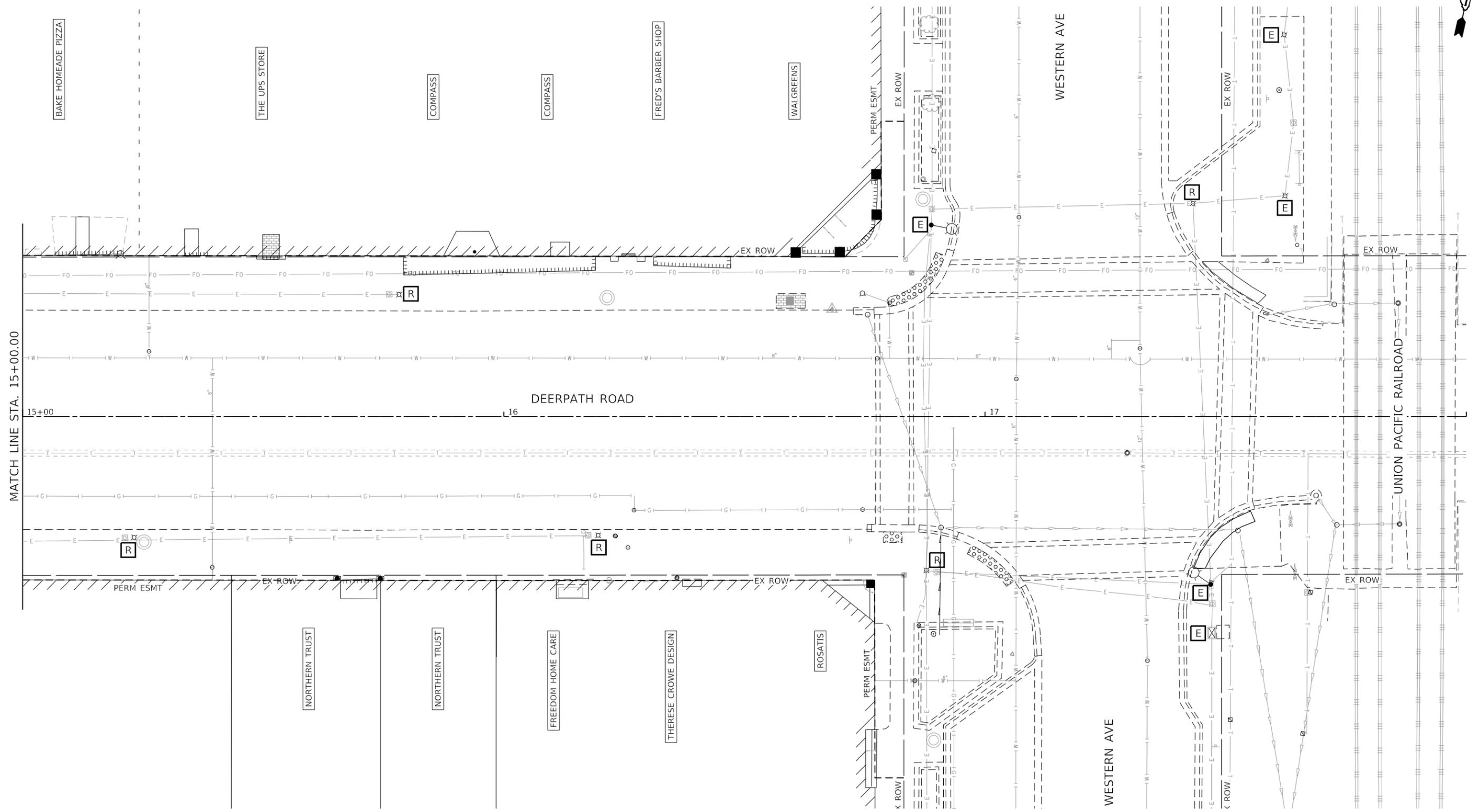
USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELECTRICAL PLAN
REMOVALS**

SCALE: 1"=10' SHEET 11 OF 15 SHEETS STA. 12+00 TO STA. 15+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	98
CONTRACT NO. 61L05				
		ILLINOIS	FED. AID PROJECT	



HORIZONTAL SCALE IN FEET

MODEL: Default
 FILE NAME: I:\09\05\022-003 Lake Forest Deerpath Streetscape E2105_CADD\01_MXD\03_SIT\Utility\lighting-Deerpath03.dgn



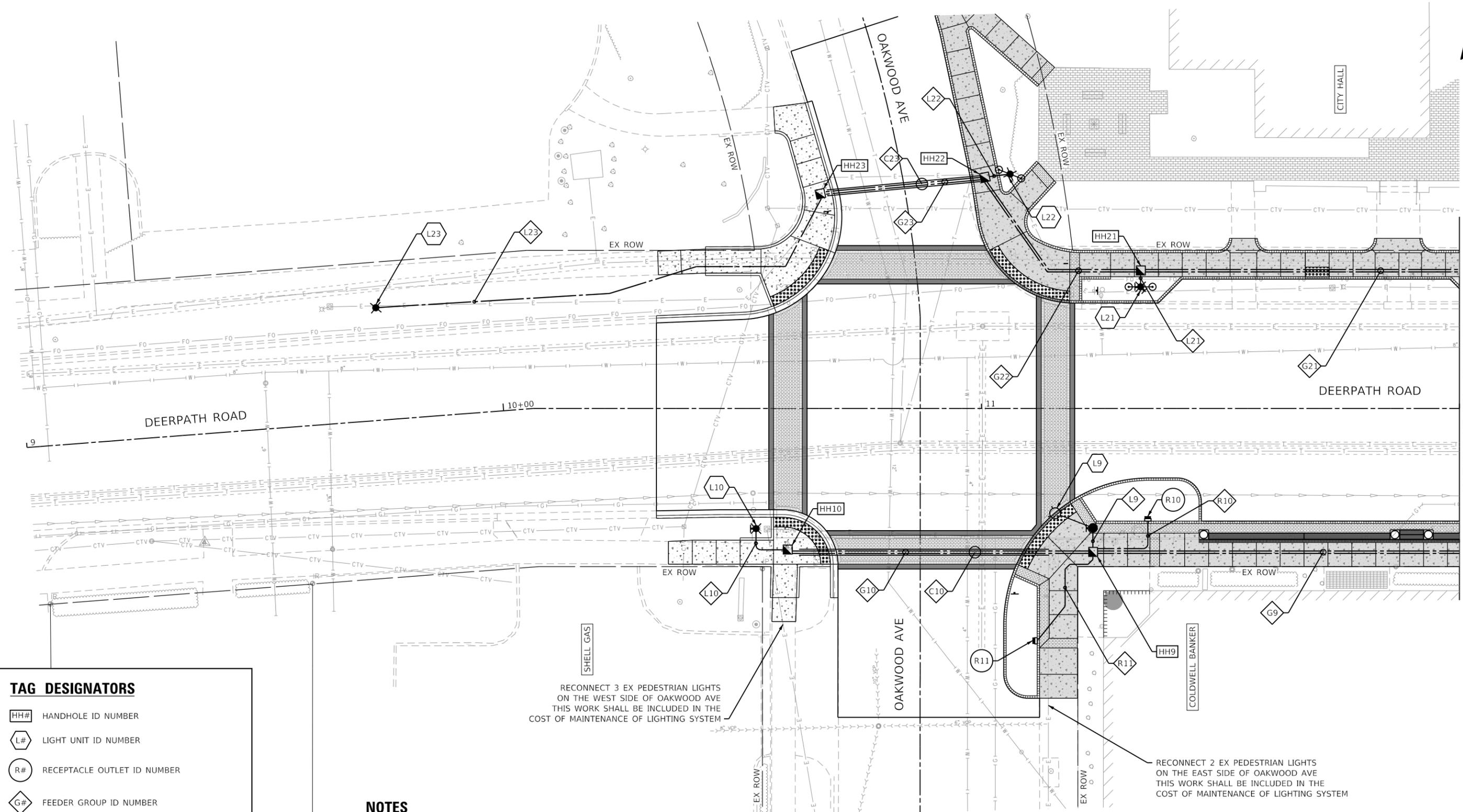
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DRAWN - JBH	REVISED -	
PLOT SCALE = 20.0000' / in.	CHECKED - KVZ	REVISED -
PLOT DATE = 1/4/2025	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELECTRICAL PLAN
REMOVALS**

SCALE: 1"=10' SHEET 12 OF 15 SHEETS STA. 15+00 TO STA. 18+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	99
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				



TAG DESIGNATORS

- HH# HANDHOLE ID NUMBER
- L# LIGHT UNIT ID NUMBER
- R# RECEPTACLE OUTLET ID NUMBER
- G# FEEDER GROUP ID NUMBER
- L# LIGHTING BRANCH ID NUMBER
- R# RECEPTACLE BRANCH ID NUMBER
- C# RIGID GALVANIZED STEEL CONDUIT ID NUMBER

NOTES

1. THE DRAWINGS ARE DIAGRAMMATIC. PR ELECTRIC COMPONENTS MAY BE SHOWN NEAR EX UTILITIES, HOWEVER, THE CONTRACTOR SHALL FIELD VERIFY EX UTILITIES AND ADJUST THE PR ELECTRIC AS NECESSARY.
2. THE EX LIGHTS ARE TO REMAIN IN SERVICE AND ACTIVE TO SERVE AS TEMPORARY LIGHTING UNTIL THE PR LIGHTS ARE ACTIVATED. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS TO THE PR LIGHTING DESIGN AS NECESSARY TO MAINTAIN EX TEMPORARY LIGHTING.

RECONNECT 3 EX PEDESTRIAN LIGHTS ON THE WEST SIDE OF OAKWOOD AVE THIS WORK SHALL BE INCLUDED IN THE COST OF MAINTENANCE OF LIGHTING SYSTEM

RECONNECT 2 EX PEDESTRIAN LIGHTS ON THE EAST SIDE OF OAKWOOD AVE THIS WORK SHALL BE INCLUDED IN THE COST OF MAINTENANCE OF LIGHTING SYSTEM



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: I:\projects\2022-003 Lake Forest Deerpath Streetscape E2105_CADD\01_MOD\03_Schematic\Lighting\Deerpath-04.dgn



USER NAME = VinceM	DESIGNED - VJM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 1/4/2025	CHECKED - KVZ	REVISED -
	DATE - 08/05/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELECTRICAL PLAN
DEERPATH ROAD**

SCALE: 1"=10' SHEET 13 OF 15 SHEETS STA. 9+00 TO STA. 12+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1245	19-00093-00-SW	LAKE	133	100
CONTRACT NO. 61L05				
ILLINOIS FED. AID PROJECT				