

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	1
		ILLINOIS	CONTRACT NO. 61L16	

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

03-07-2025 LETTING ITEM 010

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY VARIOUS ROUTES

SECTION 23-00099-00-SW
PROJECT: HX47(334)
CITY OF LAKE FOREST
LAKE COUNTY
C-91-205-23
SIDEWALK INSTALLATION



LOCATION OF SECTION INDICATED THUS: - [rectangle] -

TRAFFIC DATA

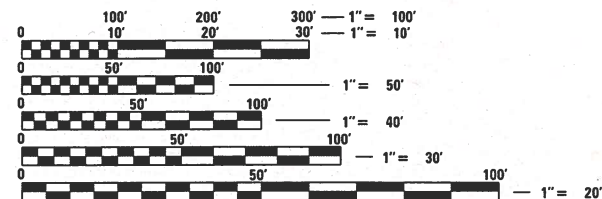
FAU ROUTE 4200
LONGWOOD DRIVE - LOCAL ROAD
POSTED SPEED LIMIT: 25 MPH

FAU ROUTE 4250
MORNINGSIDE DRIVE - LOCAL ROAD
POSTED SPEED LIMIT: 25 MPH

FAU ROUTE 1259
WESTERN AVENUE - LOCAL ROAD
POSTED SPEED LIMIT: 25 MPH

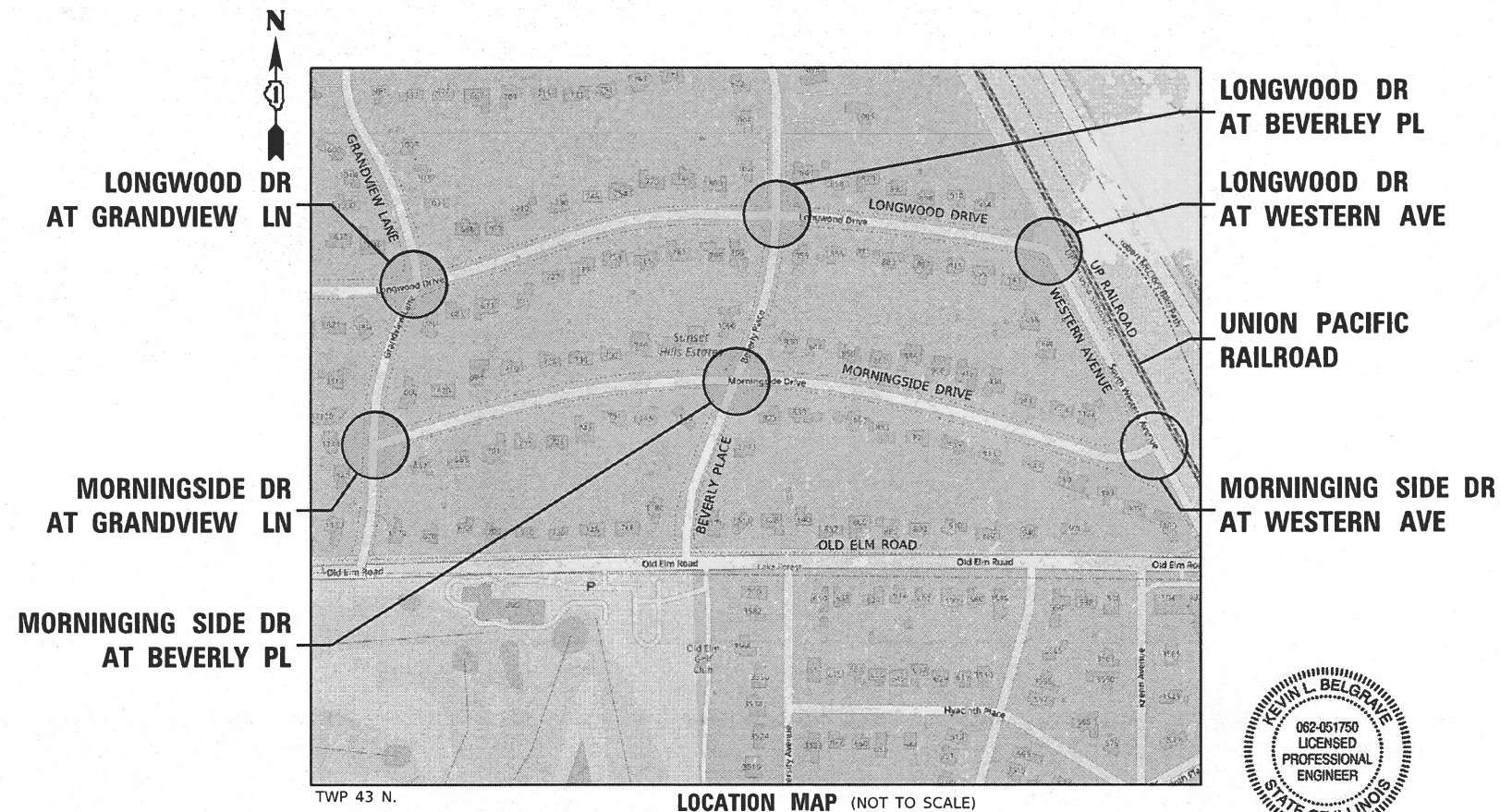
FAU ROUTE 1210
GRANDVIEW LANE - LOCAL ROAD
POSTED SPEED LIMIT: 25 MPH

FAU ROUTE 1260
BEVERLY PLACE - LOCAL ROAD
POSTED SPEED LIMIT: 25 MPH



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



TWP 43 N. LOCATION MAP (NOT TO SCALE)



SIGNED: Kevin L. Belgrave
 KEVIN L. BELGRAVE, P.E., PTOE
 DATE: DECEMBER 23, 2024 EXP. 11/30/2025

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<u>[Signature]</u> 1/2/25
CITY OF LAKE FOREST, SUPERINTENDENT OF ENGINEERING	
PASSED	<u>1-2-2025</u> <u>[Signature]</u>
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	<u>1.6.2025</u> <u>[Signature]</u> REGIONAL ENGINEER

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 625 Forest Edge Drive ■ Vernon Hills, IL 60061
 TEL 847.478.9700 ■ FAX 847.478.9701

CONTRACT NO. 61L16

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

INDEX OF SHEETS

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GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1 2022, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1 2025, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, THE DETAILS IN THESE PLANS, THE CONTRACT DOCUMENTS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE IEPA AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO.

2. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

3. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK.

5. ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.

7. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.

8. IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED.

9. THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AND HAND SANITIZING STATIONS FOR THE USE OF ALL THE CONTRACTORS PERSONNEL EMPLOYED ON THE WORK SITE. THE FACILITIES SHALL BE MAINTAINED IN PROPER SANITARY CONDITION THROUGHOUT THE PROJECT. THE LOCATION OF THE TEMPORARY FACILITIES SHALL BE APPROVED BY THE ENGINEER.

10. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL. IF NO NPDES PERMIT OR SWPPP MANUAL IS NEEDED FOR THE PROJECT THE CONTRACTOR SHALL PERFORM SOIL EROSION SEDIMENT CONTROL BEST PRACTICES OR AS DIRECTED BY THE OWNER TO PREVENT ILLICIT DISCHARGES FROM THE SITE.

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

12. THE CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACE IN KIND PER ARTICLE 201.07.

13. THE CONTRACTOR SHALL USE THE CITY OF LAKE FOREST STANDARD 2.06 FOR FULL HEIGHT CURB AND GUTTER INSTALLATION. THE IDOT HIGHWAY STANDARD 606001-08 SHALL BE USED FOR THE INSTALLATION OF DEPRESSED CURB AND GUTTER ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED.

14. ALL EQUIPMENT STAGING AND MATERIAL STORAGE AREAS SHALL BE APPROVED BY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION

UTILITY NOTES

1. UNDERGROUND WORK SHALL INCLUDE TRENCHING, DISPOSAL OF EXCESS MATERIAL, DEWATERING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION, AND TESTING AS SHOWN ON THE CONSTRUCTION PLANS. ALL SEWER SHALL BE INSTALLED USING A LASER AND BEGIN AT THE DOWNSTREAM END.

2. MACHINE CORE ALL CONNECTIONS TO EXISTING STRUCTURES USING A CORE DRILL. HAMMERING OR SAWING OF STRUCTURES WILL NOT BE ALLOWED.

3. ALL CONNECTIONS TO EXISTING OR DISSIMILAR STORM/SANITARY LINES SHALL BE DONE WITH STAINLESS STEEL NON-SHEAR COUPLINGS.

4. STONE BEDDING AND BACKFILL SHALL BE OMITTED FOR A DISTANCE OF 15 FEET UP AND DOWNSTREAM OF SEWERS DRAINING TO OR FROM PONDS OR STREAMS. THE REPLACED BEDDING SHALL BE SILTY CLAY SOIL MECHANICALLY COMPACTED TO 90% MODIFIED PROCTOR DENSITY. THE USE OF PERMEABLE SOILS WILL NOT BE PERMITTED.

COMMITMENTS

NO COMMITMENTS WERE MADE

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALK
604001-05	FRAME AND LIDS TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
729001-01	APPLICATIONS OF TYPE A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS

DISTRICT 1 DETAILS

TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN

CITY OF LAKE FOREST STANDARDS

2.06	STANDARD CURB SECTIONS
2.12	P.C.C. SIDEWALK DETAIL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1.5"-2.5"	4% @ 50 Gyr.	LR1030-2
INCIDENTAL HOT-MIX ASPHALT SURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	4% @ 50 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.

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	2
				CONTRACT NO. 61L16
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES					CONSTRUCTION CODE
					80% FEDERAL / 20% CITY OF LAKE FOREST
*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021
	20101100	TREE TRUNK PROTECTION	EACH	17	17
	20101200	TREE ROOT PRUNING	EACH	17	17
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	5	5
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	12	12
	20200100	EARTH EXCAVATION	CU YD	178	178
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,023	1,023
	25000110	SEEDING, CLASS 1A	ACRE	0.25	0.25
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	23
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23	23
	25100630	EROSION CONTROL BLANKET	SQ YD	1,023	1,023
	28000510	INLET FILTERS	EACH	36	36
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	714	714
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	55	55
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	5	5
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	5	5
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6,425	6,425

* SPECIALTY ITEM

GHA GEWALT HAMILTON ASSOCIATES, INC.

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		DATE - 12.23.2024	REVISED -									CONTRACT NO. 61L16
								ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CONSTRUCTION CODE
80% FEDERAL / 20%
CITY OF LAKE FOREST

* CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021
44000100	PAVEMENT REMOVAL	SQ YD	39	39
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	44	44
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	353	353
44000600	SIDEWALK REMOVAL	SQ FT	2,278	2,278
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2	2
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	35	35
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	1	1
67100100	MOBILIZATION	LSUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	23	23
* 72900200	METAL POST - TYPE B	FOOT	45	45

* SPECIALTY ITEM



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
CITY OF LAKE FOREST, ILLINOIS**

SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	4
CONTRACT NO. 61L16			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

**80% FEDERAL / 20%
CITY OF LAKE FOREST**

* CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	875	875
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	880	880
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	89	89
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	71	71
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	340	340
X6060074	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) (ABUTTING EXISTING PAVEMENT)	FOOT	353	353
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	4	4
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	155	155
Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	6	6

* SPECIALTY ITEM



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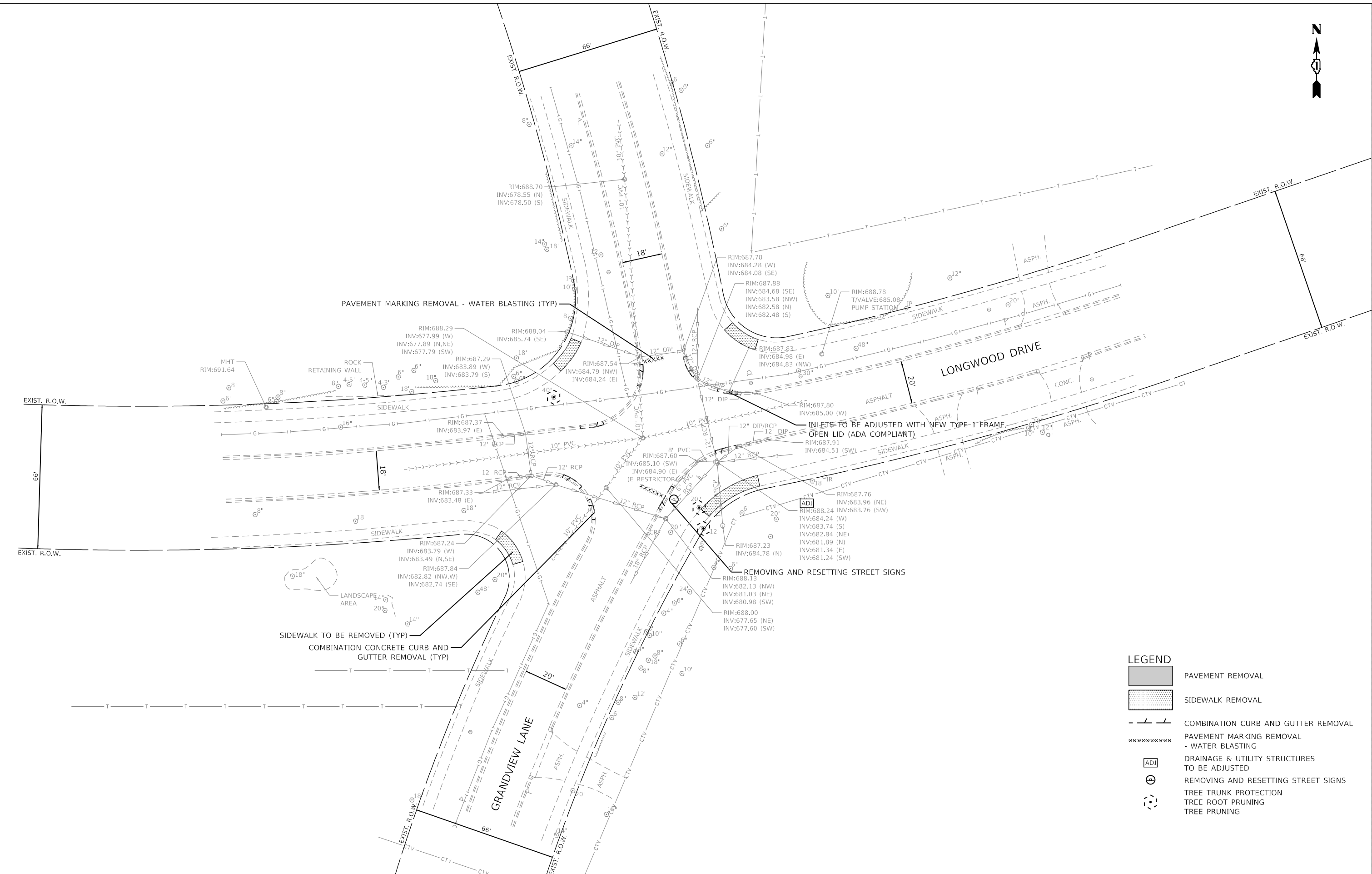
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
CITY OF LAKE FOREST, ILLINOIS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	5
CONTRACT NO. 61L16			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING REMOVAL - WATER BLASTING (TYP)

INLETS TO BE ADJUSTED WITH NEW TYPE-1 FRAME
OPEN LID (ADA COMPLIANT)

REMOVING AND RESETTING STREET SIGNS

SIDEWALK TO BE REMOVED (TYP)
COMBINATION CONCRETE CURB AND
GUTTER REMOVAL (TYP)

LEGEND

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- REMOVING AND RESETTING STREET SIGNS
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING
- TREE PRUNING

GHA GEWALT HAMILTON ASSOCIATES, INC.

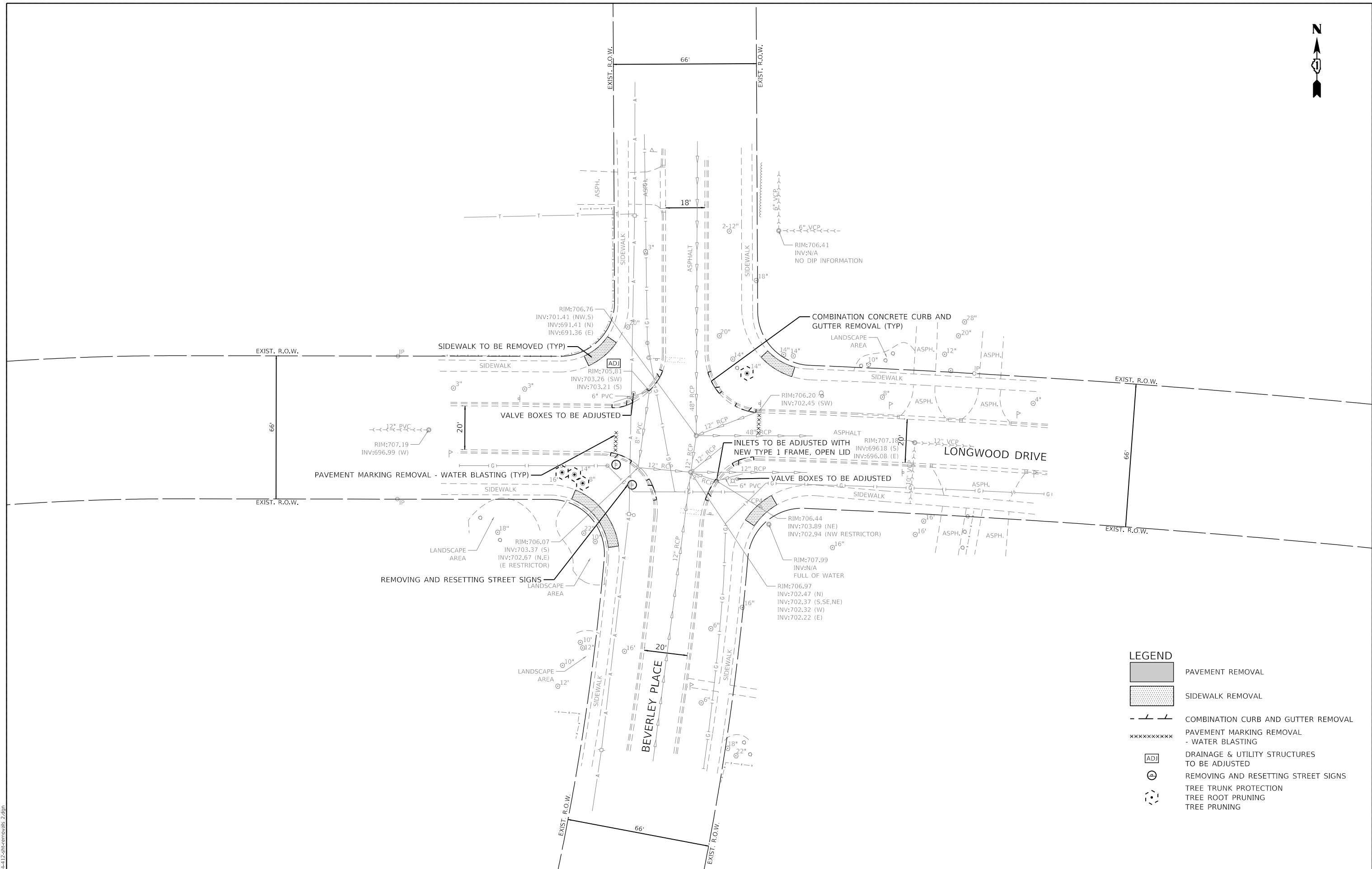
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS /REMOVAL PLANS
CITY OF LAKE FOREST, ILLINOIS**

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	6
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



LEGEND

	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT MARKING REMOVAL - WATER BLASTING
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	REMOVING AND RESETTING STREET SIGNS
	TREE TRUNK PROTECTION
	TREE ROOT PROTECTION
	TREE PRUNING

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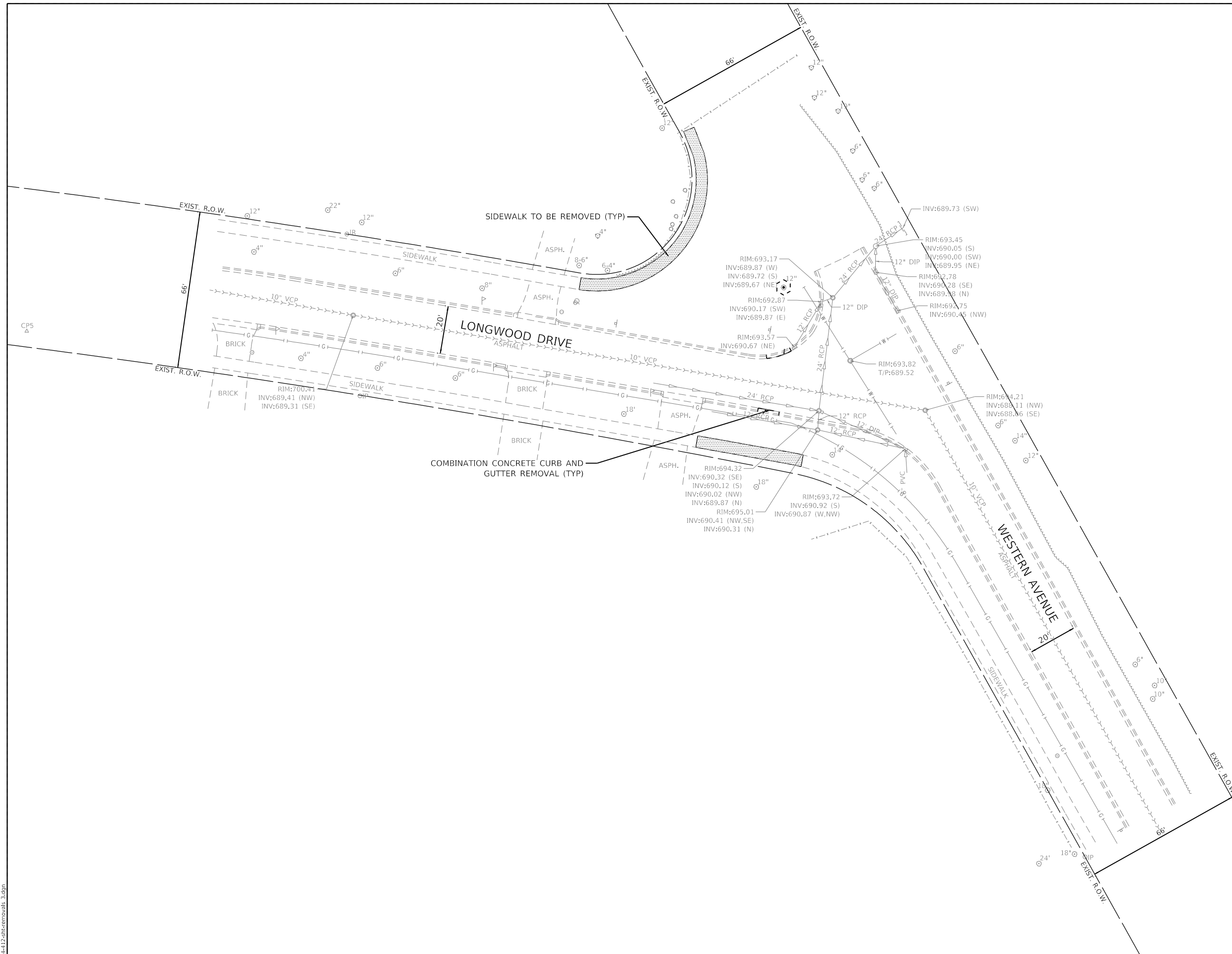
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS /REMOVAL PLANS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	7
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



LEGEND	
	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT MARKING REMOVAL - WATER BLASTING
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	REMOVING AND RESETTING STREET SIGNS
	TREE TRUNK PROTECTION
	TREE ROOT PRUNING
	TREE PRUNING

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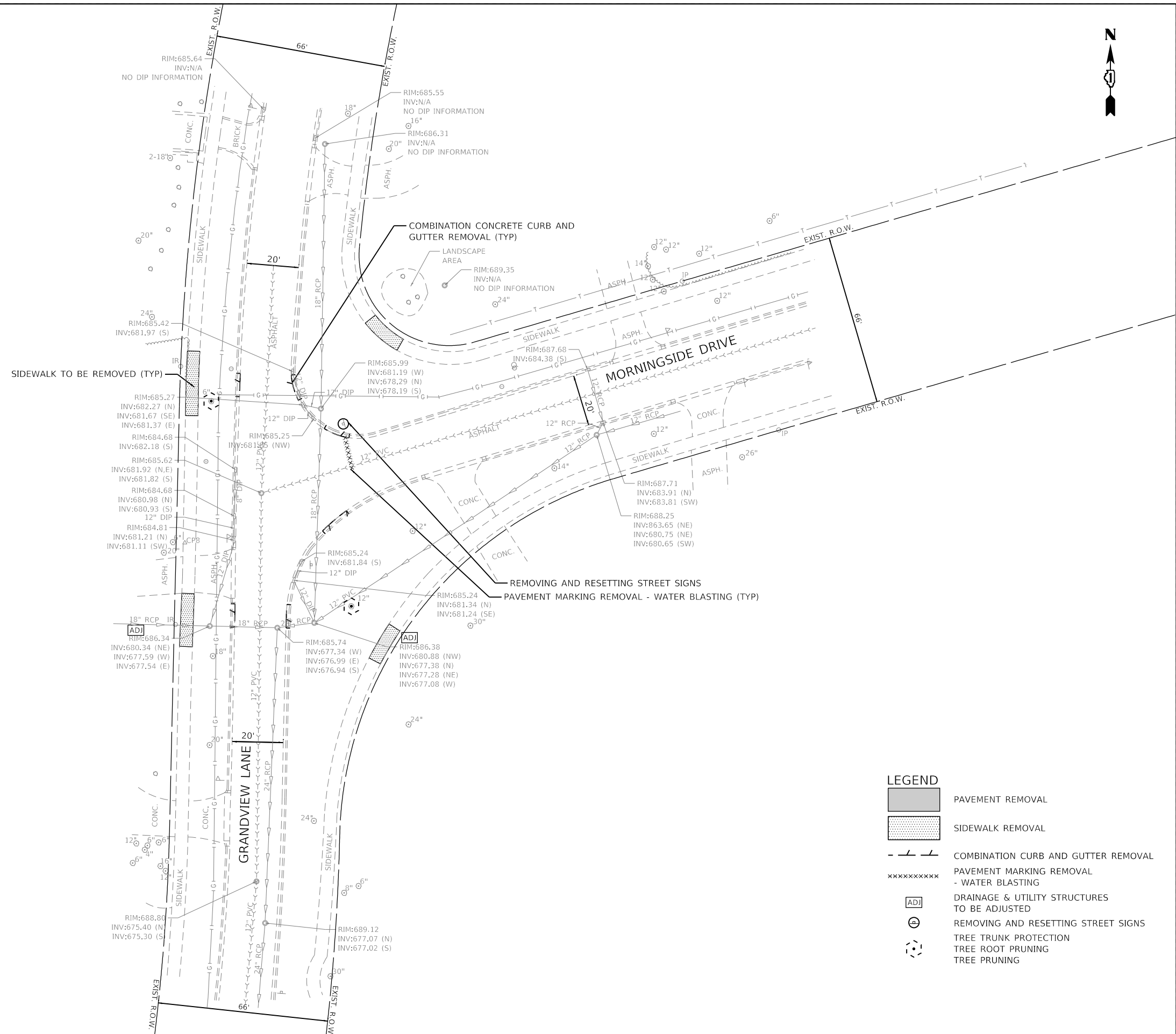
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		DATE - 12.23.2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS /REMOVAL PLANS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	8
			CONTRACT NO. 61L16	
ILLINOIS FED. AID PROJECT				



LEGEND

	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT MARKING REMOVAL - WATER BLASTING
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	REMOVING AND RESETTING STREET SIGNS
	TREE TRUNK PROTECTION
	TREE ROOT PRUNING
	TREE PRUNING

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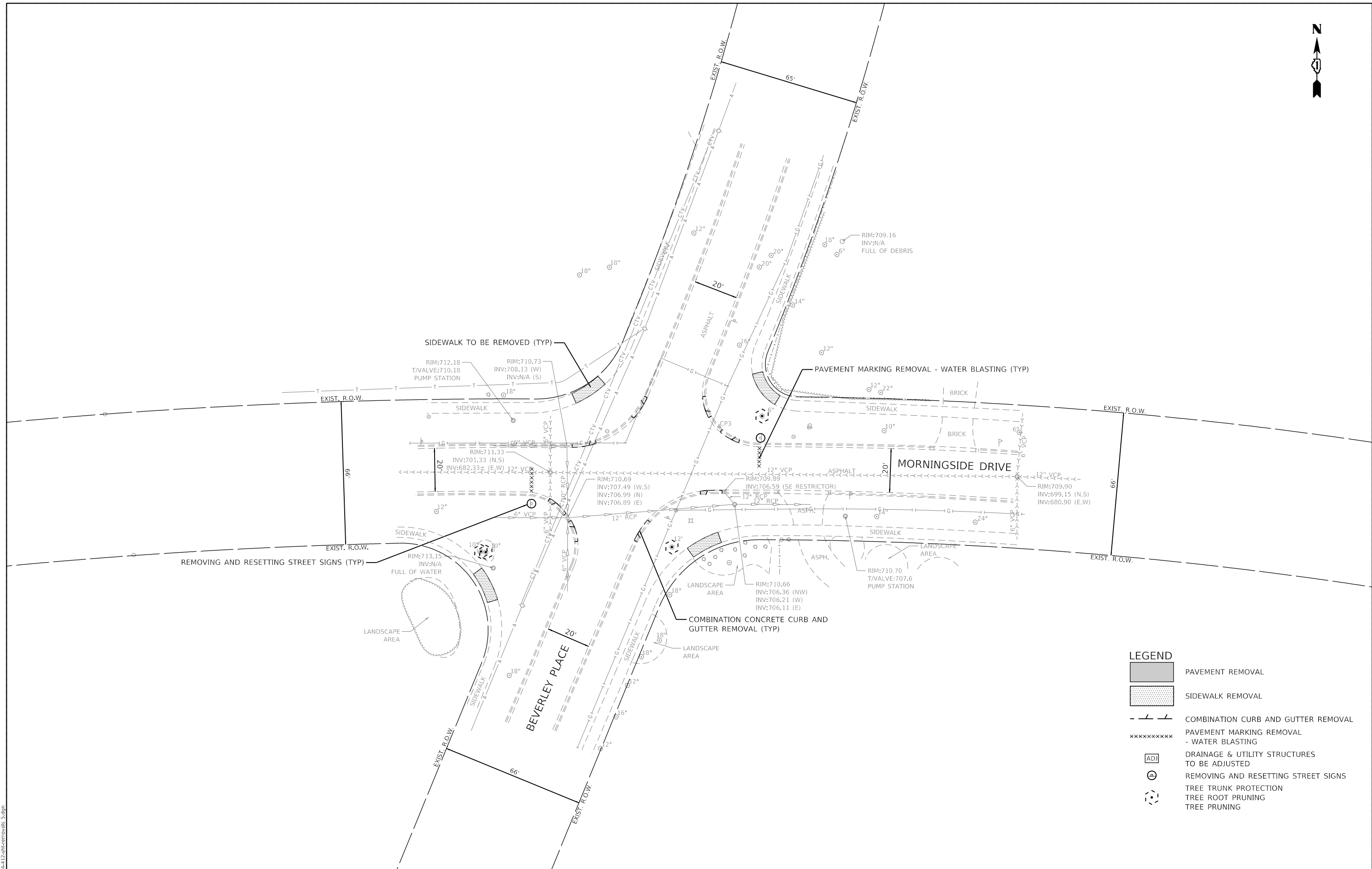
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS /REMOVAL PLANS
CITY OF LAKE FOREST, ILLINOIS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	9
			CONTRACT NO. 61L16	
		ILLINOIS	FED. AID PROJECT	

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. TO STA.



LEGEND

	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT MARKING REMOVAL - WATER BLASTING
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	REMOVING AND RESETTING STREET SIGNS
	TREE TRUNK PROTECTION
	TREE ROOT PROTECTION
	TREE PRUNING

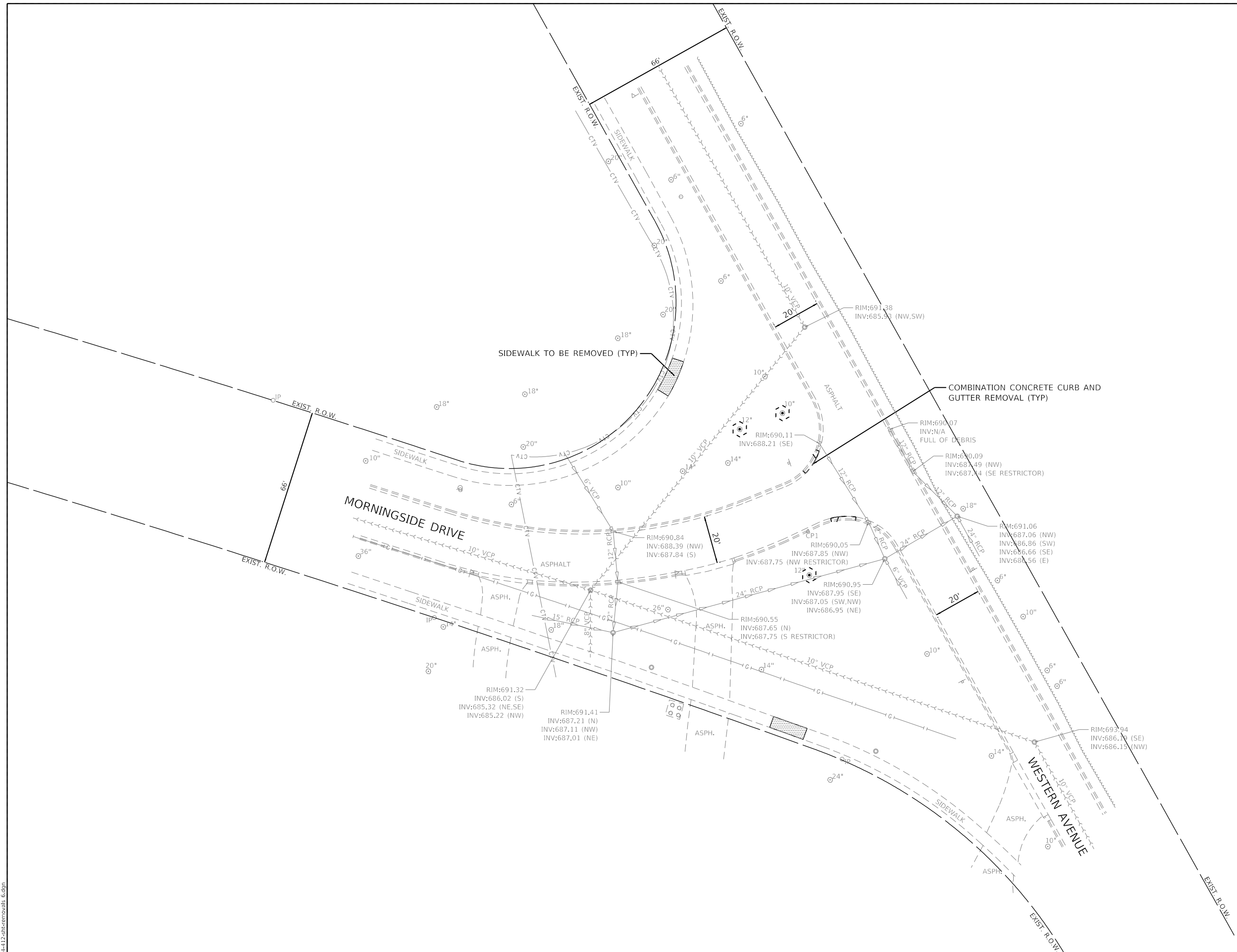
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	PLOT DATE = 12/23/2024	DATE - 12.23.2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS /REMOVAL PLANS	
CITY OF LAKE FOREST, ILLINOIS	
SCALE: 1"=20'	SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	10
			CONTRACT NO. 61L16	
		ILLINOIS	FED. AID PROJECT	



LEGEND

	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT MARKING REMOVAL - WATER BLASTING
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	REMOVING AND RESETTING STREET SIGNS
	TREE TRUNK PROTECTION
	TREE ROOT PRUNING
	TREE PRUNING

GHA GEWALT HAMILTON ASSOCIATES, INC.
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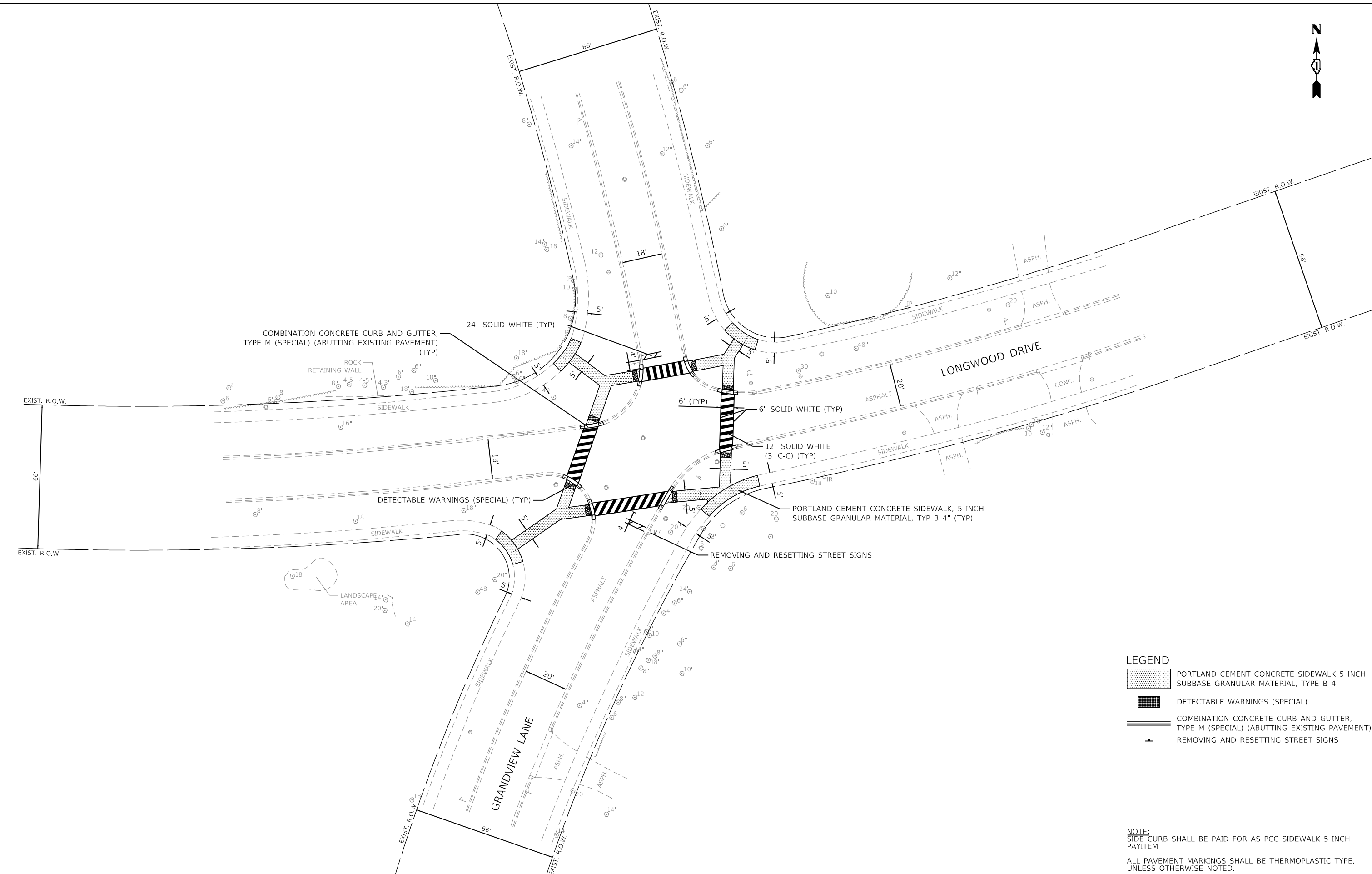
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		DATE - 12.23.2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS /REMOVAL PLANS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	11
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



LEGEND

	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"
	DETECTABLE WARNINGS (SPECIAL)
	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) (ABUTTING EXISTING PAVEMENT)
	REMOVING AND RESETTING STREET SIGNS

NOTE:
SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK 5 INCH PAYITEM
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC TYPE, UNLESS OTHERWISE NOTED.

GHA GEWALT HAMILTON ASSOCIATES, INC.
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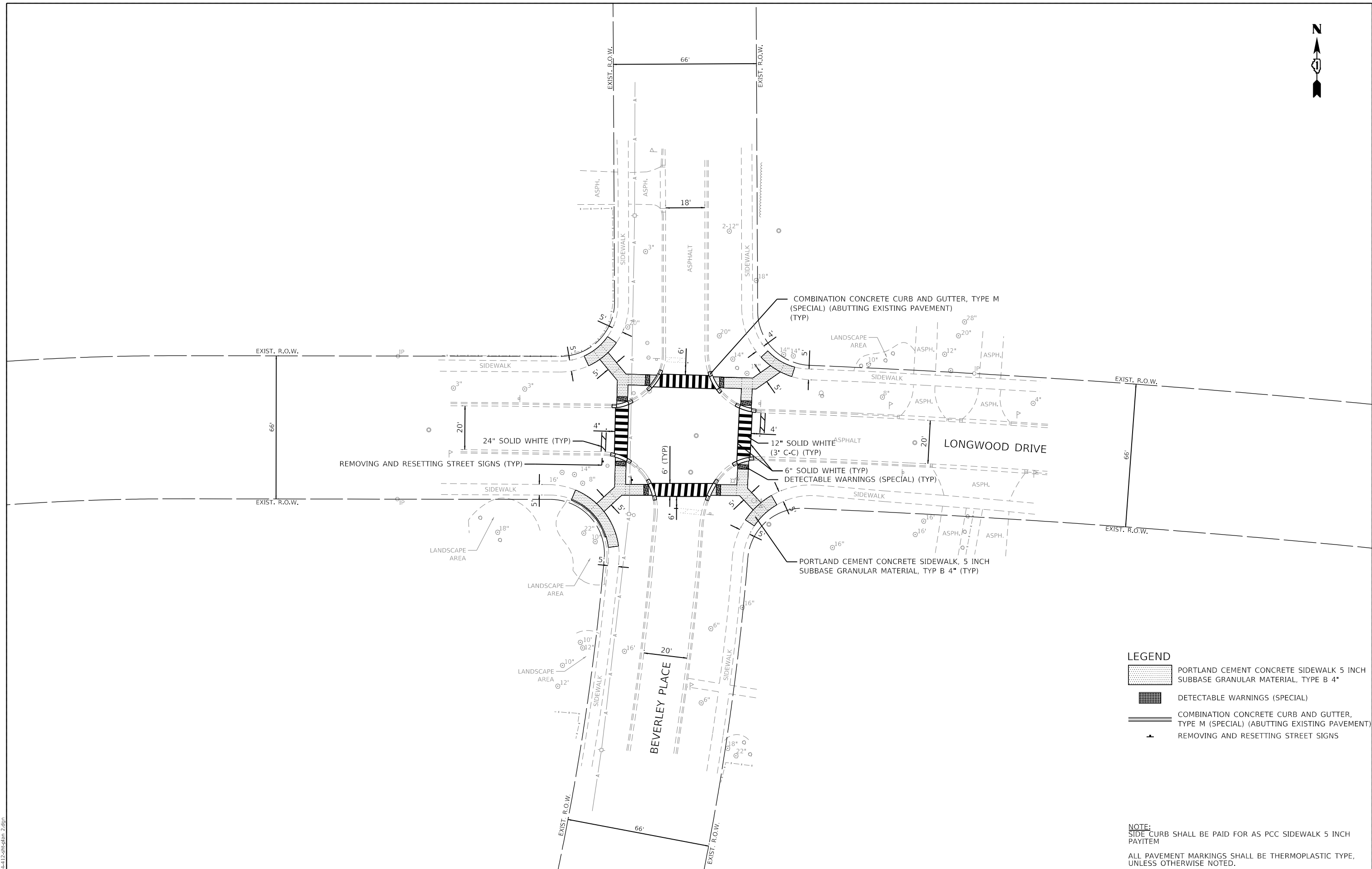
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	PLOT DATE = 12/23/2024	DATE - 12.23.2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	12
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



LEGEND

	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"
	DETECTABLE WARNINGS (SPECIAL)
	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) (ABUTTING EXISTING PAVEMENT)
	REMOVING AND RESETTING STREET SIGNS

NOTE:
SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK 5 INCH PAYITEM
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC TYPE, UNLESS OTHERWISE NOTED.

GHA GEWALT HAMILTON ASSOCIATES, INC.
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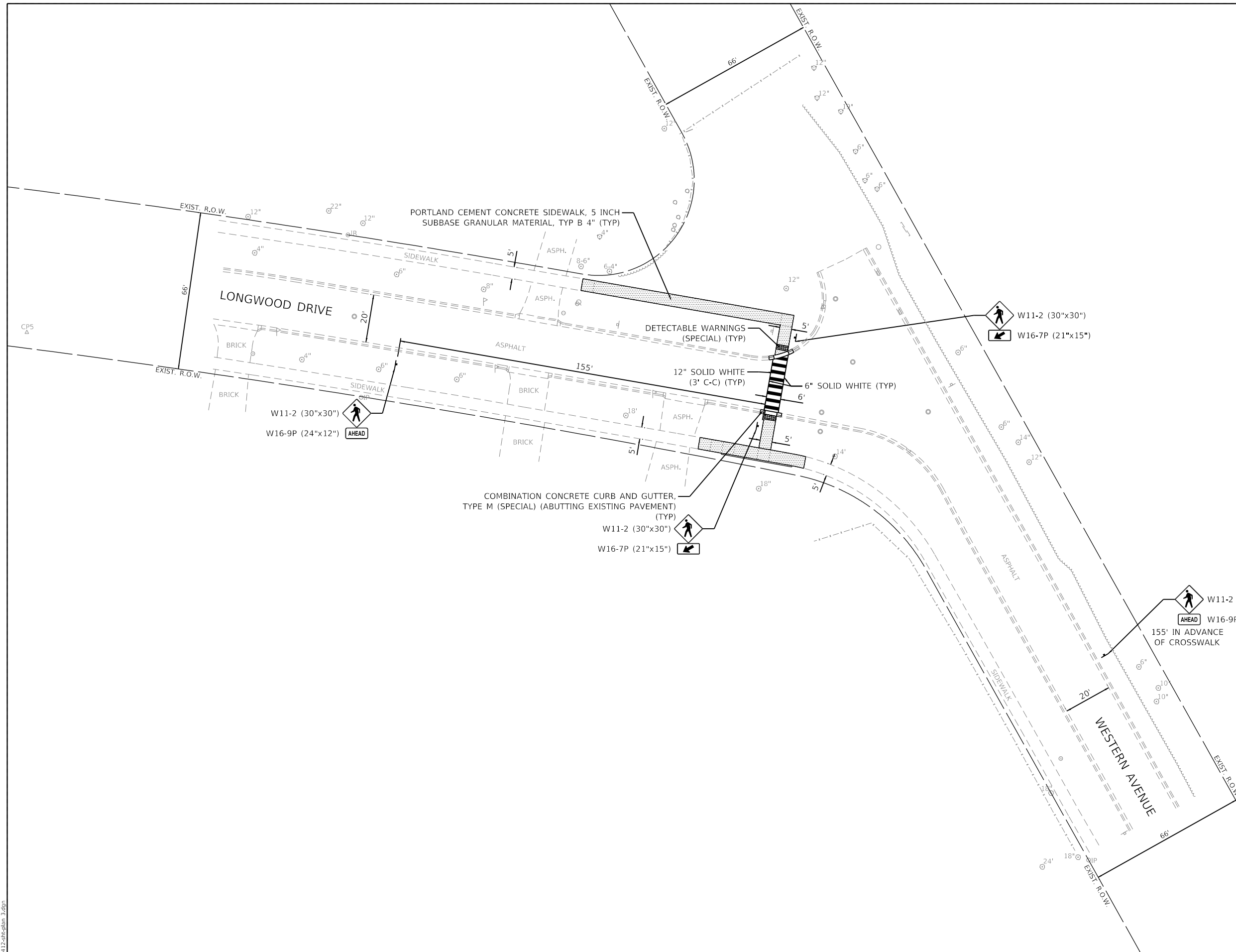
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	PLOT DATE = 12/23/2024	DATE - 12.23.2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	13
CONTRACT NO. 61L16				
ILLINOIS		FED. AID PROJECT		



LEGEND

	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUBBASE GRANULAR MATERIAL, TYP B 4"
	DETECTABLE WARNINGS (SPECIAL)
	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) (ABUTTING EXISTING PAVEMENT)
	REMOVING AND RESETTING STREET SIGNS

NOTE:
SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK 5 INCH PAYITEM
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC TYPE, UNLESS OTHERWISE NOTED.

GHA GEWALT HAMILTON ASSOCIATES, INC.
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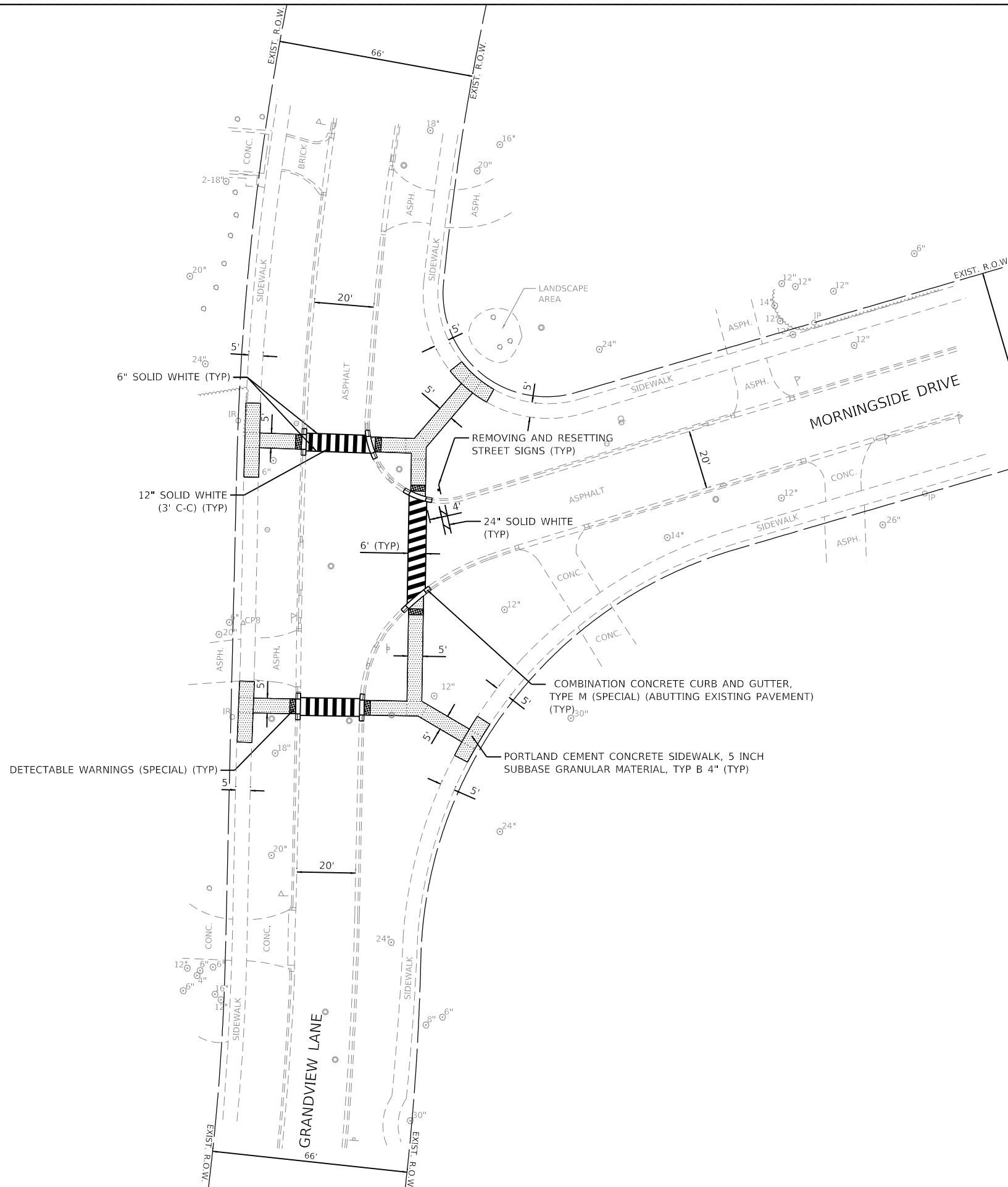
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		DATE - 12.23.2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	14
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



LEGEND

	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"
	DETECTABLE WARNINGS (SPECIAL)
	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) (ABUTTING EXISTING PAVEMENT)
	REMOVING AND RESETTING STREET SIGNS

NOTE:
SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK 5 INCH PAYITEM
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC TYPE, UNLESS OTHERWISE NOTED.

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME =	USER NAME = dolesak
4664-412-sht-plan 4.dgn	
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DRAWN - DGO	REVISD -
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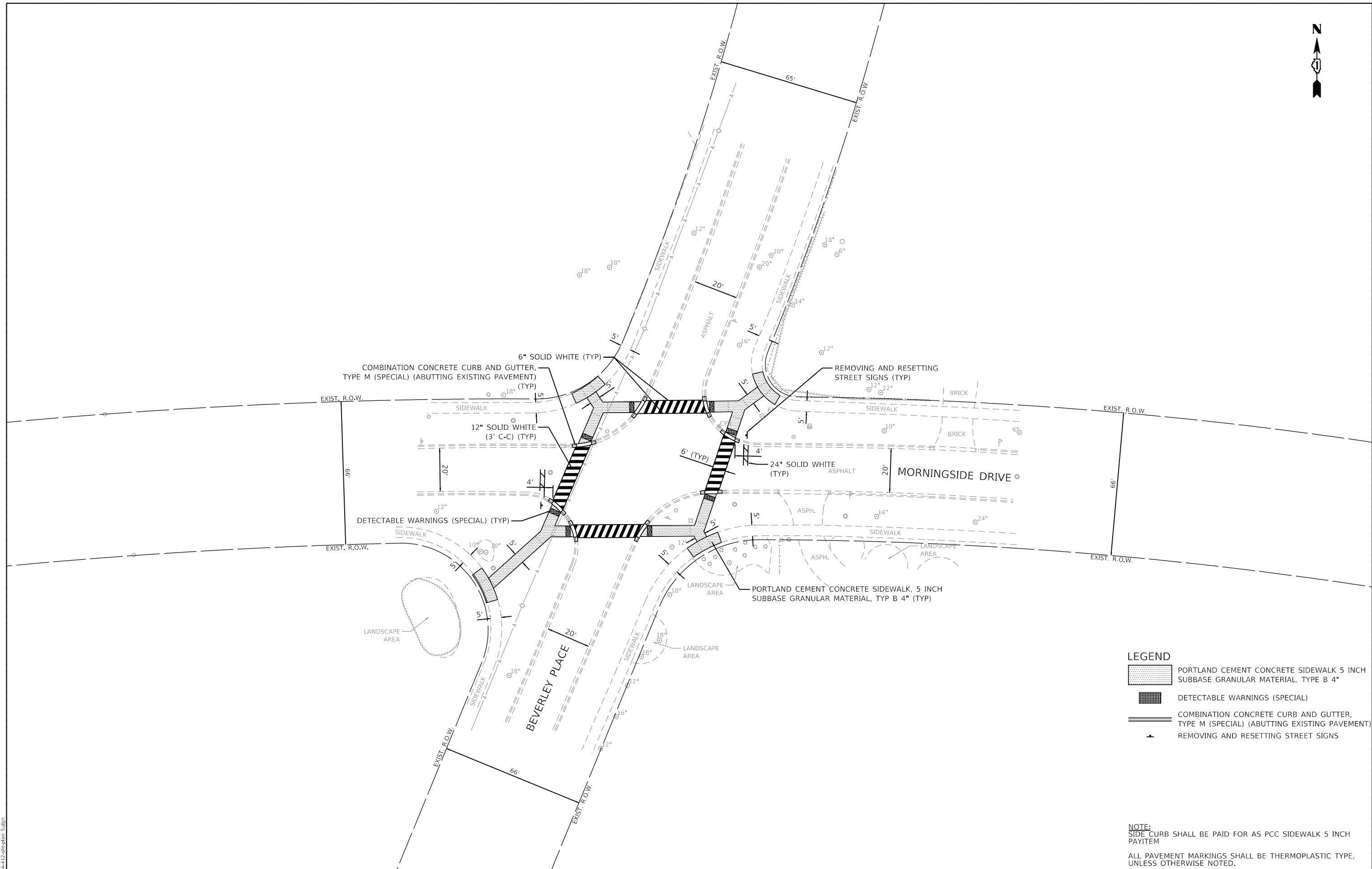
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DATE - 12.23.2024	REVISD -





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED IMPROVEMENT PLANS
CITY OF LAKE FOREST, ILLINOIS**

SCALE: 1"=20'	SHEET 4 OF 6 SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	15
CONTRACT NO. 61L16			ILLINOIS FED. AID PROJECT	



- LEGEND**
-  PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"
 -  DETECTABLE WARNINGS (SPECIAL)
 -  COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) (ABUTTING EXISTING PAVEMENT)
 -  REMOVING AND RESETTING STREET SIGNS

NOTE:
SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK 5 INCH PAYITEM
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC TYPE, UNLESS OTHERWISE NOTED.

GHA GEWALT HAMILTON ASSOCIATES, INC.
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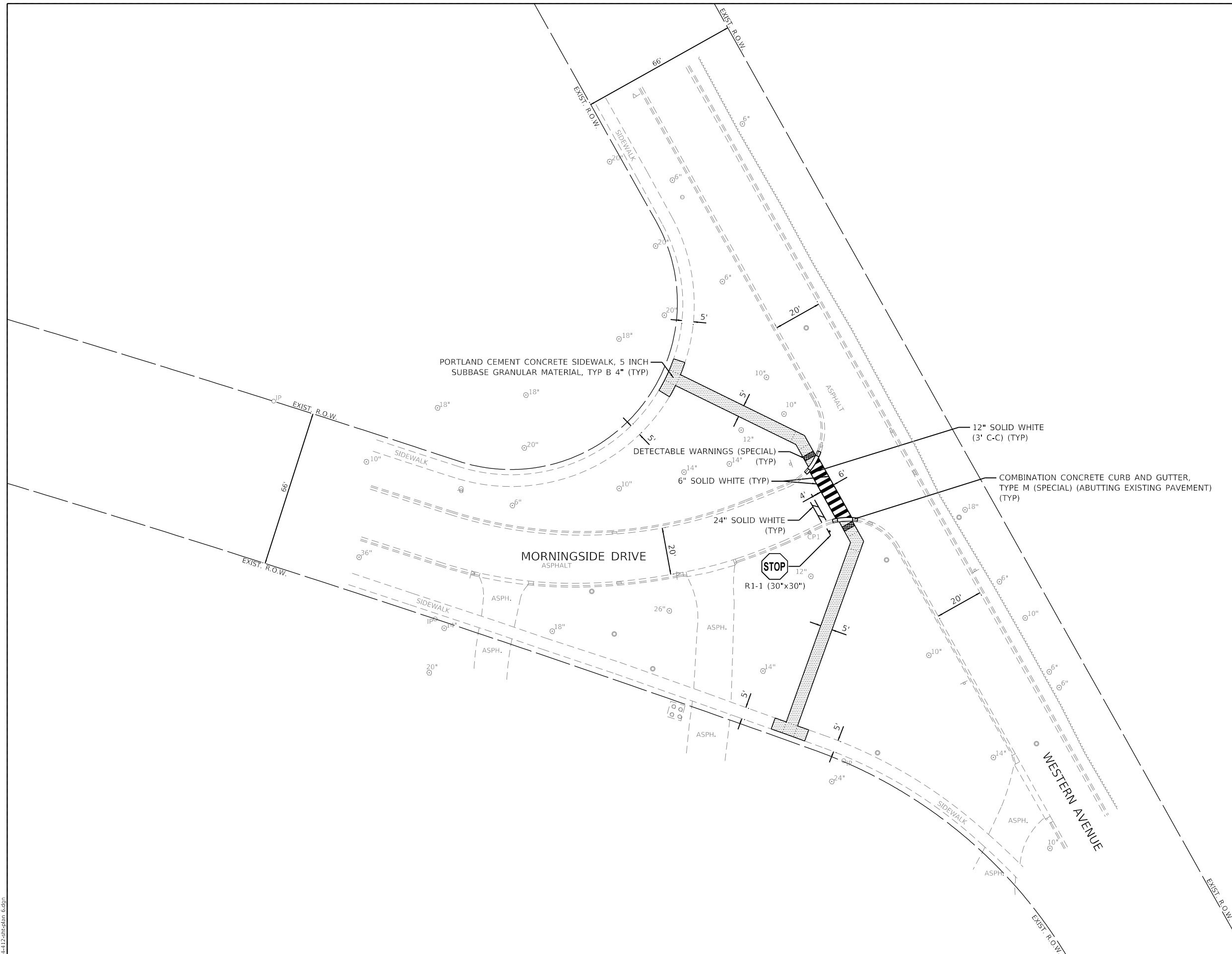
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	PLOT DATE = 12/23/2024	DATE - 12.23.2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED IMPROVEMENT PLANS
CITY OF LAKE FOREST, ILLINOIS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	16
CONTRACT NO. 61L16				
		ILLINOIS	FED. AID PROJECT	

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. TO STA.



LEGEND

	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"
	DETECTABLE WARNINGS (SPECIAL)
	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) (ABUTTING EXISTING PAVEMENT)
	REMOVING AND RESETTING STREET SIGNS

NOTE:
SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK 5 INCH PAYITEM
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC TYPE, UNLESS OTHERWISE NOTED.

GHA GEWALT HAMILTON ASSOCIATES, INC.
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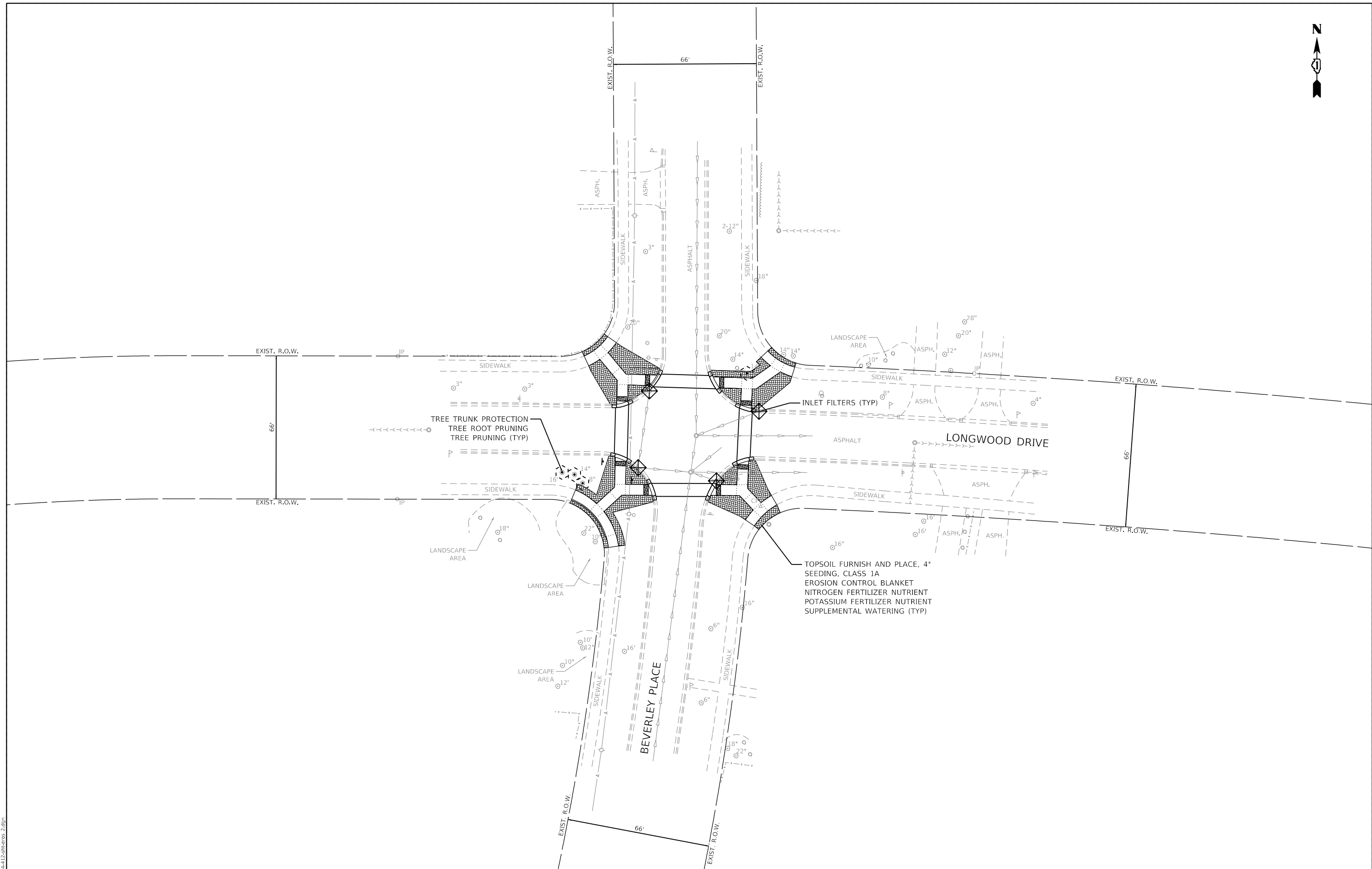
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Default		DRAWN - DGO	REVISED -
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	PLOT DATE = 12/23/2024	DATE - 12.23.2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED IMPROVEMENT PLANS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	17
CONTRACT NO. 61L16			ILLINOIS FED. AID PROJECT	



GHA GEWALT HAMILTON ASSOCIATES, INC.

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DRAWN -	DGO
CHECKED -	KLB
DATE -	12.23.2024

DESIGNED -	KLB	REVISED -	
DRAWN -	DGO	REVISED -	
CHECKED -	KLB	REVISED -	
DATE -	12.23.2024	REVISED -	

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DATE -	12.23.2024	REVISED -	

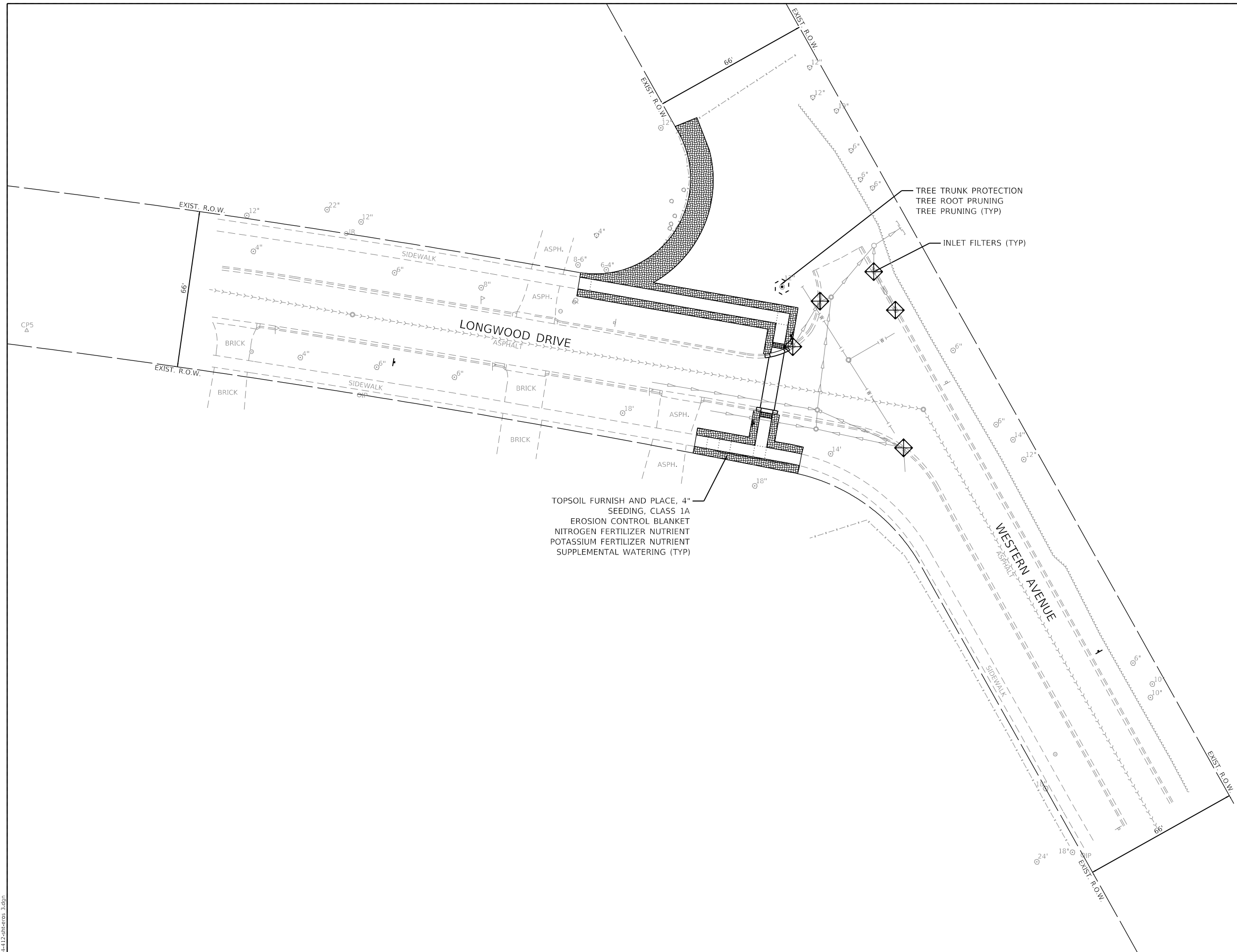
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DRAWN -	DGO	REVISED -	
CHECKED -	KLB	REVISED -	
DATE -	12.23.2024	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SOIL EROSION AND SEDIMENT CONTROL PLANS
 CITY OF LAKE FOREST, ILLINOIS**

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L16	






TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 1A
EROSION CONTROL BLANKET
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
SUPPLEMENTAL WATERING (TYP)

TREE TRUNK PROTECTION
TREE ROOT PRUNING
TREE PRUNING (TYP)

INLET FILTERS (TYP)

LEGEND

	TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A EROSION CONTROL BLANKET NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
	INLET FILTERS
	TREE TRUNK PROTECTION TREE ROOT PRUNING TREE PRUNING

GHA GEWALT HAMILTON ASSOCIATES, INC.

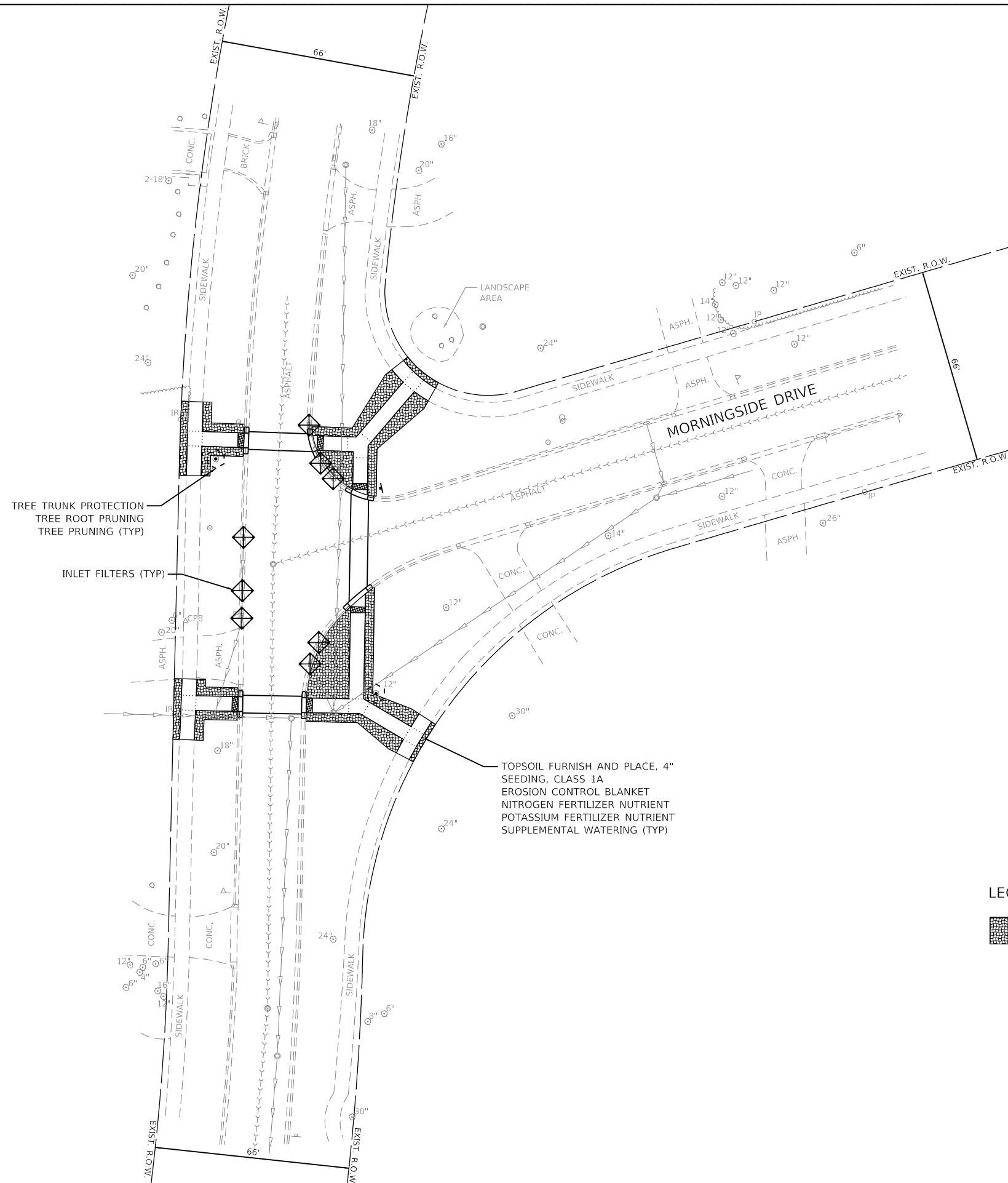
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		DATE - 12.23.2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

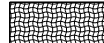


SOIL EROSION AND SEDIMENT CONTROL PLANS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L16	



LEGEND

	TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A EROSION CONTROL BLANKET NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
	INLET FILTERS
	TREE TRUNK PROTECTION TREE ROOT PRUNING TREE PRUNING

GHA GEWALT HAMILTON ASSOCIATES, INC.

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USER NAME =	dolesak
DESIGNED -	KLB
DRAWN -	DGO
CHECKED -	KLB
DATE -	12.23.2024

DESIGNED -	KLB	REVISED -	
DRAWN -	DGO	REVISED -	
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DATE -	12.23.2024	REVISED -	

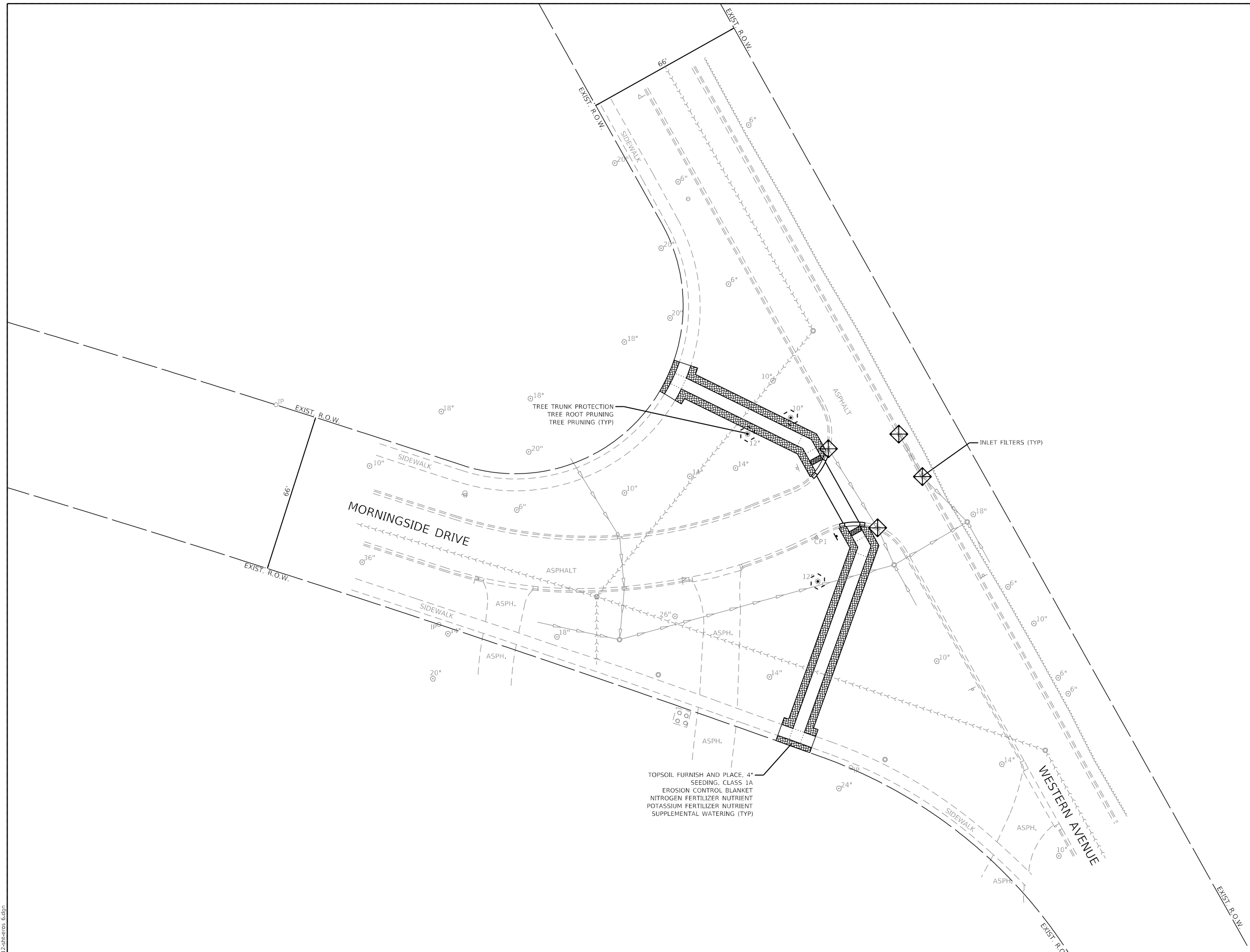
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DATE -	12.23.2024	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL EROSION AND SEDIMENT CONTROL PLANS
CITY OF LAKE FOREST, ILLINOIS**

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	21
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



LEGEND

	TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A
	EROSION CONTROL BLANKET
	NITROGEN FERTILIZER NUTRIENT
	POTASSIUM FERTILIZER NUTRIENT
	INLET FILTERS
	TREE TRUNK PROTECTION
	TREE ROOT PRUNING
	TREE PRUNING

GHA GEWALT HAMILTON ASSOCIATES, INC.
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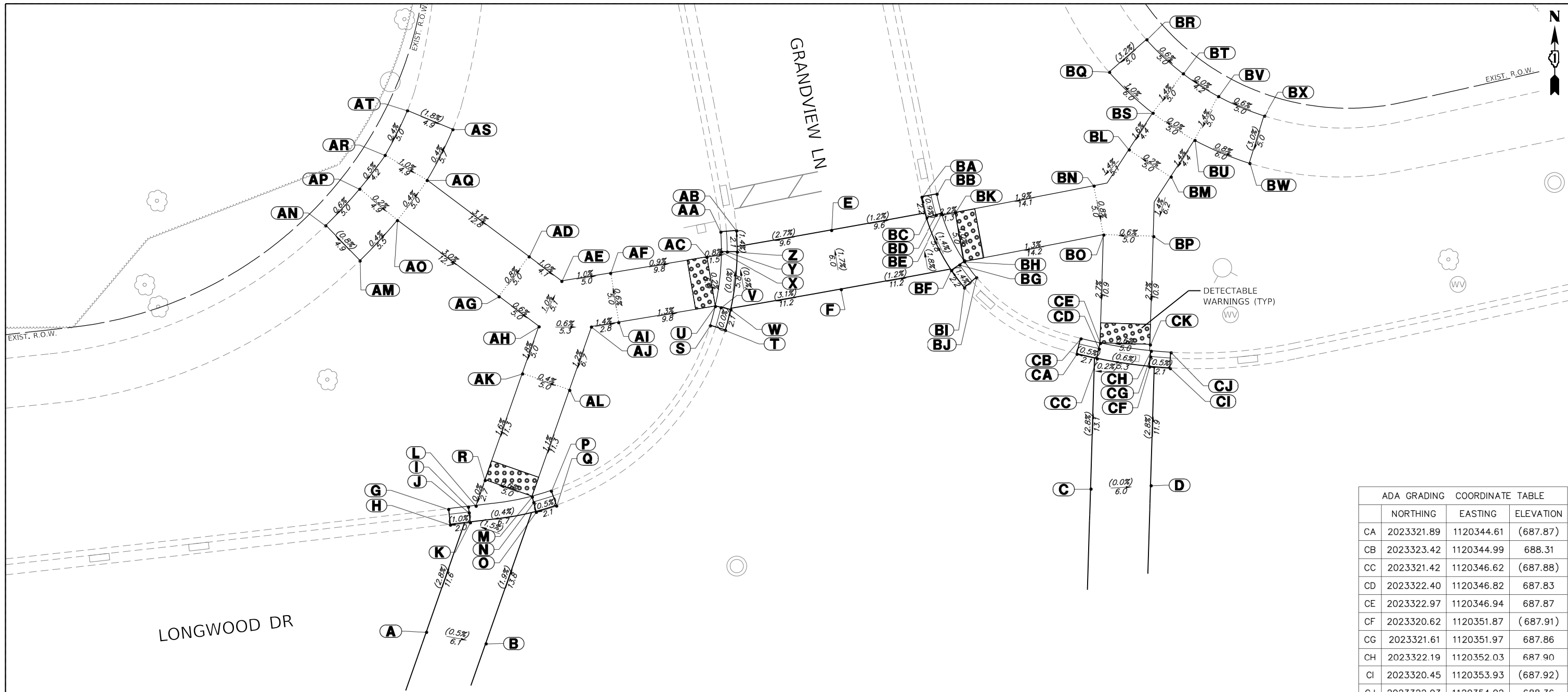
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL EROSION AND SEDIMENT CONTROL PLANS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	23
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
CA	2023321.89	1120344.61	(687.87)
CB	2023323.42	1120344.99	688.31
CC	2023321.42	1120346.62	(687.88)
CD	2023322.40	1120346.82	687.83
CE	2023322.97	1120346.94	687.87
CF	2023320.62	1120351.87	(687.91)
CG	2023321.61	1120351.97	687.86
CH	2023322.19	1120352.03	687.90
CI	2023320.45	1120353.93	(687.92)
CJ	2023322.03	1120354.02	688.36
CK	2023322.82	1120351.94	687.90

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
A	2023294.04	1120279.45	(688.02)
B	2023292.89	1120285.41	(687.99)
C	2023308.39	1120346.00	(688.25)
D	2023308.72	1120352.01	(688.25)
E	2023334.28	1120320.00	(688.02)
F	2023328.36	1120320.96	(688.12)
G	2023306.35	1120281.66	688.12
H	2023304.78	1120281.84	(687.68)
I	2023306.58	1120283.64	687.69
J	2023306.01	1120283.71	687.65
K	2023305.01	1120283.83	(687.70)
L	2023306.67	1120284.41	687.69
M	2023307.59	1120290.03	687.72

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
N	2023307.03	1120290.18	687.68
O	2023306.06	1120290.43	(687.73)
P	2023308.18	1120291.94	688.18
Q	2023306.68	1120292.46	(687.74)
R	2023309.25	1120285.31	687.69
S	2023324.73	1120307.88	688.21
T	2023324.27	1120309.39	(687.77)
U	2023326.67	1120308.39	687.76
V	2023326.54	1120308.96	687.72
W	2023326.32	1120309.93	(687.77)
X	2023332.12	1120309.00	687.76
Y	2023332.12	1120309.58	687.72
Z	2023332.12	1120310.58	(687.77)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AA	2023334.12	1120308.93	688.18
AB	2023334.24	1120310.50	(687.74)
AC	2023331.60	1120307.55	687.77
AD	2023331.64	1120289.71	687.95
AE	2023329.19	1120292.98	687.91
AF	2023329.99	1120297.91	687.86
AG	2023327.64	1120286.71	687.99
AH	2023324.64	1120290.71	687.96
AI	2023325.05	1120298.72	687.89
AJ	2023324.61	1120296.00	687.93
AK	2023319.92	1120289.06	687.87
AL	2023318.27	1120293.77	687.85
AM	2023331.23	1120272.79	(688.39)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AN	2023334.75	1120269.36	(688.35)
AO	2023335.28	1120276.53	688.37
AP	2023338.42	1120272.76	688.38
AQ	2023339.29	1120279.51	688.35
AR	2023341.80	1120275.31	688.40
AS	2023344.38	1120282.08	(688.33)
AT	2023346.27	1120277.54	(688.42)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BA	2023337.61	1120329.03	(687.89)
BB	2023337.91	1120330.58	688.33
BC	2023335.51	1120329.54	(687.91)
BD	2023335.80	1120330.50	687.86
BE	2023335.97	1120331.06	687.90
BF	2023330.26	1120332.03	(687.99)
BG	2023330.81	1120332.86	687.94
BH	2023331.14	1120333.35	687.98
BI	2023328.52	1120333.35	(688.02)
BJ	2023329.54	1120334.55	688.46
BK	2023336.05	1120332.42	687.93
BL	2023342.35	1120349.82	688.27

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BM	2023339.63	1120354.02	688.28
BN	2023338.73	1120346.31	688.20
BO	2023333.82	1120347.27	688.16
BP	2023333.67	1120352.27	688.19
BQ	2023350.12	1120347.86	(688.28)
BR	2023353.38	1120351.58	(688.44)
BS	2023346.03	1120352.21	688.34
BT	2023349.98	1120355.24	688.41
BU	2023343.30	1120356.40	688.34
BV	2023347.69	1120358.77	688.41
BW	2023340.99	1120361.90	(688.29)
BX	2023345.74	1120363.37	(688.44)

NOTE:
SIDE CURB SHALL FOLLOW EXISTING GROUND ELEVATIONS
AND TERMINATE TO BE FLUSH WITH SIDEWALK.



FILE NAME = 4664-412-sht-ada 1-1.dgn
USER NAME = dolesak
DESIGNED - KLB
DRAWN - DGO
CHECKED - KLB
DATE - 12.23.2024

REVISIONS:
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=5'
SHEET 1 OF 10 SHEETS
STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	24
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				

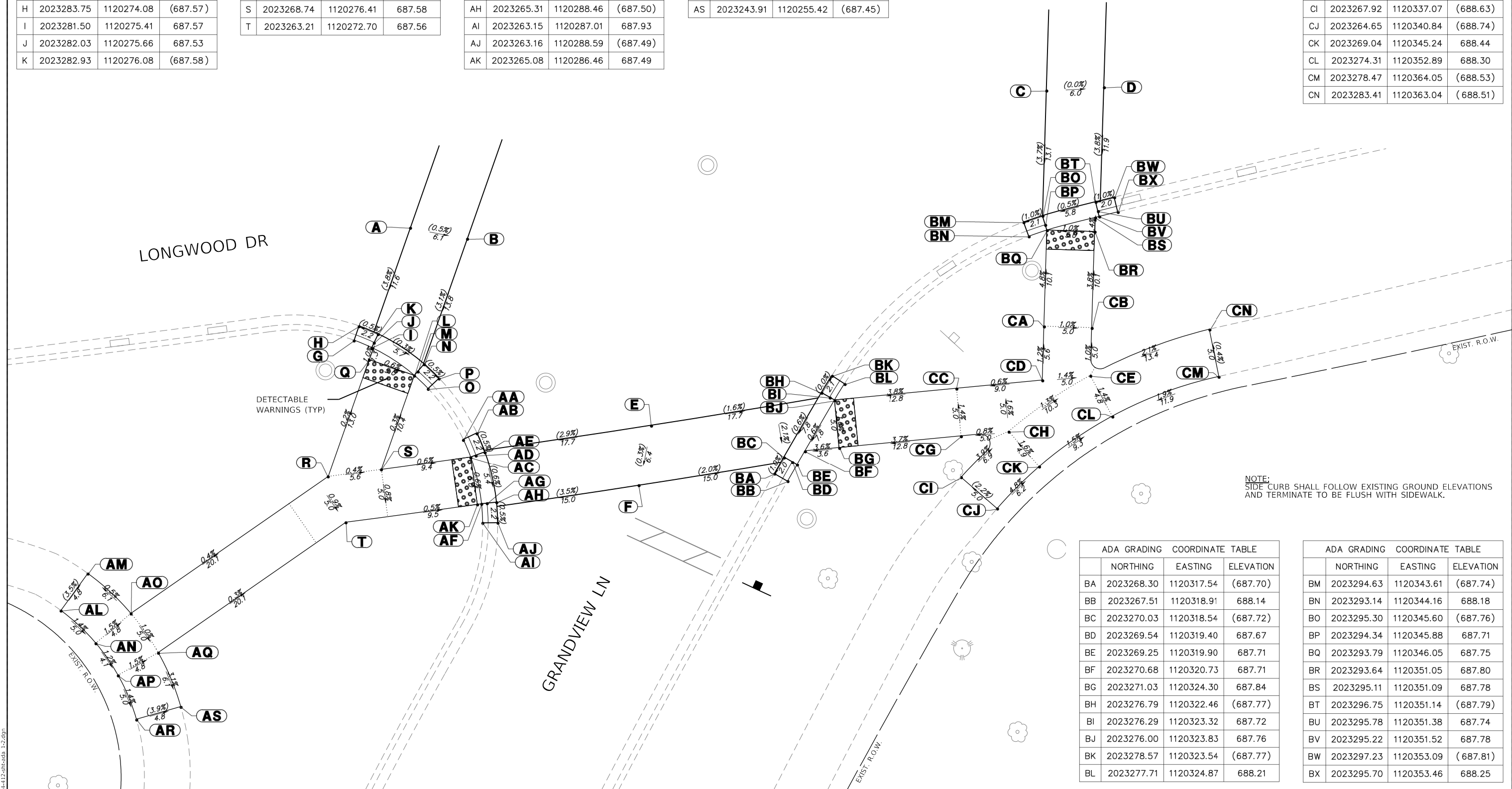
ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
A	2023294.04	1120279.45	(688.02)
B	2023292.89	1120285.41	(687.99)
C	2023308.39	1120346.00	(688.25)
D	2023308.72	1120352.01	(688.25)
E	2023273.36	1120304.67	(688.04)
F	2023267.08	1120303.37	(688.02)
G	2023282.26	1120273.56	688.01
H	2023283.75	1120274.08	(687.57)
I	2023281.50	1120275.41	687.57
J	2023282.03	1120275.66	687.53
K	2023282.93	1120276.08	(687.58)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
L	2023278.58	1120279.86	687.55
M	2023279.02	1120280.24	687.51
N	2023279.78	1120280.89	(687.56)
O	2023277.20	1120281.31	687.99
P	2023278.29	1120282.45	(687.55)
Q	2023280.23	1120275.14	687.58
R	2023268.01	1120270.85	687.60
S	2023268.74	1120276.41	687.58
T	2023263.21	1120272.70	687.56

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AA	2023271.88	1120284.98	687.98
AB	2023272.56	1120286.41	(687.54)
AC	2023270.03	1120285.76	687.52
AD	2023270.23	1120286.30	687.48
AE	2023270.57	1120287.24	(687.53)
AF	2023265.14	1120286.89	687.49
AG	2023265.20	1120287.47	687.45
AH	2023265.31	1120288.46	(687.50)
AI	2023263.15	1120287.01	687.93
AJ	2023263.16	1120288.59	(687.49)
AK	2023265.08	1120286.46	687.49

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AL	2023253.98	1120242.87	(687.83)
AM	2023257.85	1120245.70	(687.66)
AN	2023250.56	1120246.52	687.76
AO	2023253.67	1120250.20	687.69
AP	2023247.21	1120248.85	687.71
AQ	2023249.57	1120253.06	687.64
AR	2023242.59	1120250.78	(687.64)
AS	2023243.91	1120255.42	(687.45)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
CA	2023283.73	1120345.74	688.23
CB	2023283.57	1120350.74	688.18
CC	2023277.23	1120336.59	688.25
CD	2023278.09	1120345.57	688.30
CE	2023278.58	1120350.59	688.23
CG	2023272.25	1120337.07	688.32
CH	2023272.73	1120342.05	688.36
CI	2023267.92	1120337.07	(688.63)
CJ	2023264.65	1120340.84	(688.74)
CK	2023269.04	1120345.24	688.44
CL	2023274.31	1120352.89	688.30
CM	2023278.47	1120364.05	(688.53)
CN	2023283.41	1120363.04	(688.51)



NOTE:
SIDE CURB SHALL FOLLOW EXISTING GROUND ELEVATIONS
AND TERMINATE TO BE FLUSH WITH SIDEWALK.

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BA	2023268.30	1120317.54	(687.70)
BB	2023267.51	1120318.91	688.14
BC	2023270.03	1120318.54	(687.72)
BD	2023269.54	1120319.40	687.67
BE	2023269.25	1120319.90	687.71
BF	2023270.68	1120320.73	687.71
BG	2023271.03	1120324.30	687.84
BH	2023276.79	1120322.46	(687.77)
BI	2023276.29	1120323.32	687.72
BJ	2023276.00	1120323.83	687.76
BK	2023278.57	1120323.54	(687.77)
BL	2023277.71	1120324.87	688.21

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BM	2023294.63	1120343.61	(687.74)
BN	2023293.14	1120344.16	688.18
BO	2023295.30	1120345.60	(687.76)
BP	2023294.34	1120345.88	687.71
BQ	2023293.79	1120346.05	687.75
BR	2023293.64	1120351.05	687.80
BS	2023295.11	1120351.09	687.78
BT	2023296.75	1120351.14	(687.79)
BU	2023295.78	1120351.38	687.74
BV	2023295.22	1120351.52	687.78
BW	2023297.23	1120353.09	(687.81)
BX	2023295.70	1120353.46	688.25

GHA GEWALT HAMILTON ASSOCIATES, INC.

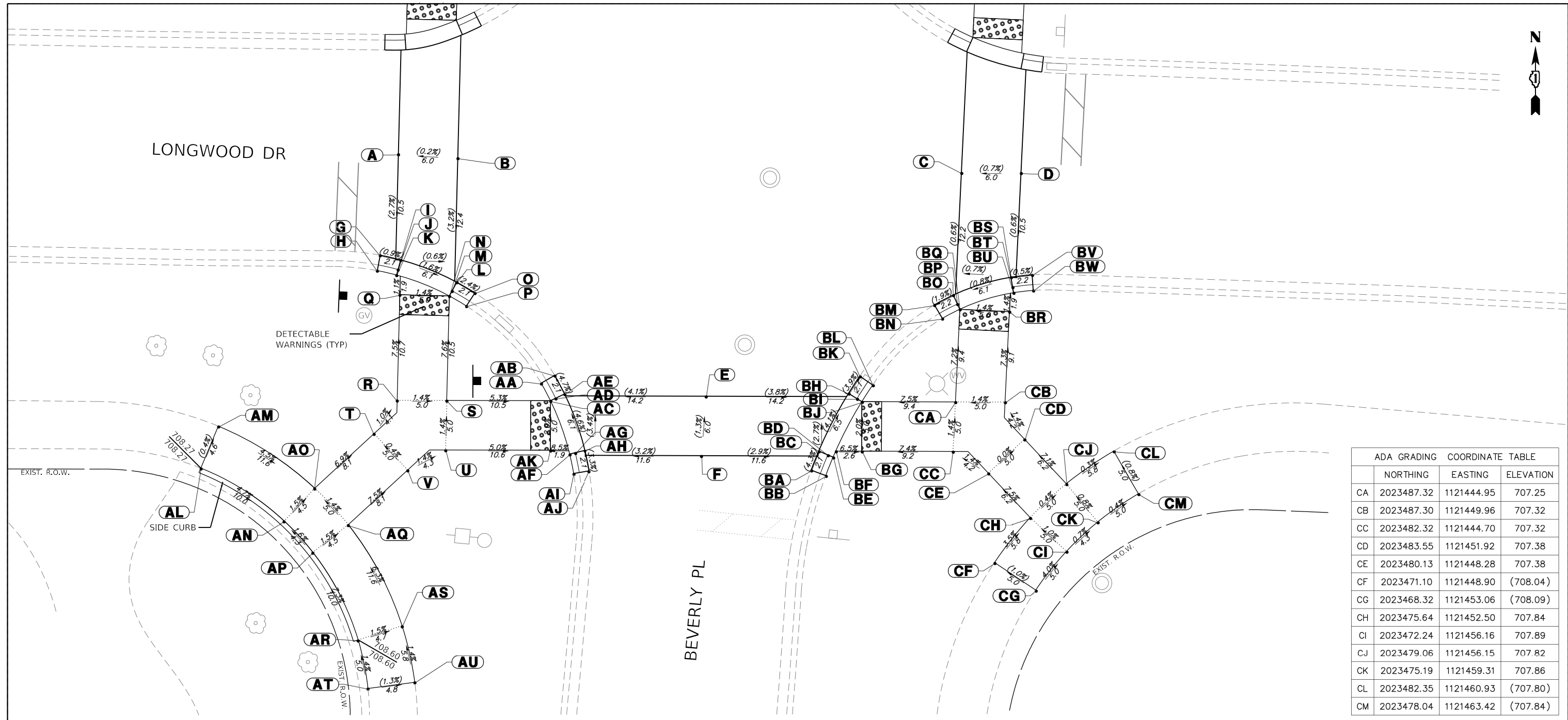
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		DATE - 12.23.2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=5' SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	25
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
CA	2023487.32	1121444.95	707.25
CB	2023487.30	1121449.96	707.32
CC	2023482.32	1121444.70	707.32
CD	2023483.55	1121451.92	707.38
CE	2023480.13	1121448.28	707.38
CF	2023471.10	1121448.90	(708.04)
CG	2023468.32	1121453.06	(708.09)
CH	2023475.64	1121452.50	707.84
CI	2023472.24	1121456.16	707.89
CJ	2023479.06	1121456.15	707.82
CK	2023475.19	1121459.31	707.86
CL	2023482.35	1121460.93	(707.80)
CM	2023478.04	1121463.42	(707.84)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
A	2023512.31	1121388.75	(706.66)
B	2023511.92	1121394.74	(706.67)
C	2023510.42	1121445.56	(706.66)
D	2023510.41	1121451.57	(706.70)
E	2023487.89	1121419.79	(707.10)
F	2023481.89	1121419.32	(707.18)
G	2023502.12	1121386.91	(706.39)
H	2023500.57	1121386.62	706.83
I	2023501.65	1121388.98	(706.37)
J	2023500.68	1121388.72	706.32
K	2023500.12	1121388.57	706.36

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
L	2023499.40	1121394.64	(706.27)
M	2023498.52	1121394.16	706.22
N	2023498.01	1121393.89	706.26
O	2023498.32	1121396.47	(706.22)
P	2023496.99	1121395.61	706.66
Q	2023498.13	1121388.89	706.33
R	2023487.48	1121388.62	707.13
S	2023487.46	1121393.62	707.06
T	2023484.12	1121386.29	707.17
U	2023482.46	1121393.51	707.13
V	2023480.44	1121389.68	707.19

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AA	2023489.20	1121403.15	706.85
AB	2023489.99	1121404.52	(706.41)
AC	2023487.43	1121404.09	706.50
AD	2023487.69	1121404.62	706.46
AE	2023488.13	1121405.51	(706.51)
AF	2023482.05	1121406.03	706.78
AG	2023482.19	1121406.60	706.74
AH	2023482.43	1121407.57	(706.79)
AI	2023480.09	1121406.43	707.30
AJ	2023480.35	1121407.99	(706.86)
AK	2023482.43	1121404.08	706.60
AL	2023480.63	1121368.81	(708.27)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AM	2023484.87	1121370.57	(708.25)
AN	2023475.30	1121377.22	707.80
AO	2023478.60	1121380.30	707.73
AP	2023472.14	1121380.11	707.87
AQ	2023474.92	1121383.69	707.80
AR	2023463.29	1121384.69	708.60
AS	2023464.72	1121389.12	708.53
AT	2023458.39	1121385.68	(708.67)
AU	2023459.02	1121390.40	(708.61)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BA	2023480.43	1121430.39	(706.91)
BB	2023479.88	1121431.88	707.35
BC	2023482.36	1121431.16	(706.82)
BD	2023481.97	1121432.08	706.77
BE	2023481.74	1121432.61	706.81
BF	2023482.35	1121432.88	706.81
BG	2023482.35	1121435.50	706.64
BH	2023488.18	1121434.17	(706.55)
BI	2023487.65	1121435.02	706.50
BJ	2023487.35	1121435.51	706.54
BK	2023489.92	1121435.30	(706.47)
BL	2023489.02	1121436.60	706.91

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BM	2023497.10	1121442.83	(706.55)
BN	2023495.74	1121443.63	706.99
BO	2023498.10	1121444.74	(706.59)
BP	2023497.20	1121445.16	706.54
BQ	2023496.67	1121445.40	706.58
BR	2023496.43	1121450.40	706.65
BS	2023499.90	1121450.56	(706.64)
BT	2023498.91	1121450.73	706.59
BU	2023498.34	1121450.82	706.63
BV	2023500.15	1121452.70	(706.65)
BW	2023498.57	1121452.81	707.09

NOTE:
SIDE CURB SHALL FOLLOW EXISTING GROUND ELEVATIONS
AND TERMINATE TO BE FLUSH WITH SIDEWALK.



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DATE - 12.23.2024

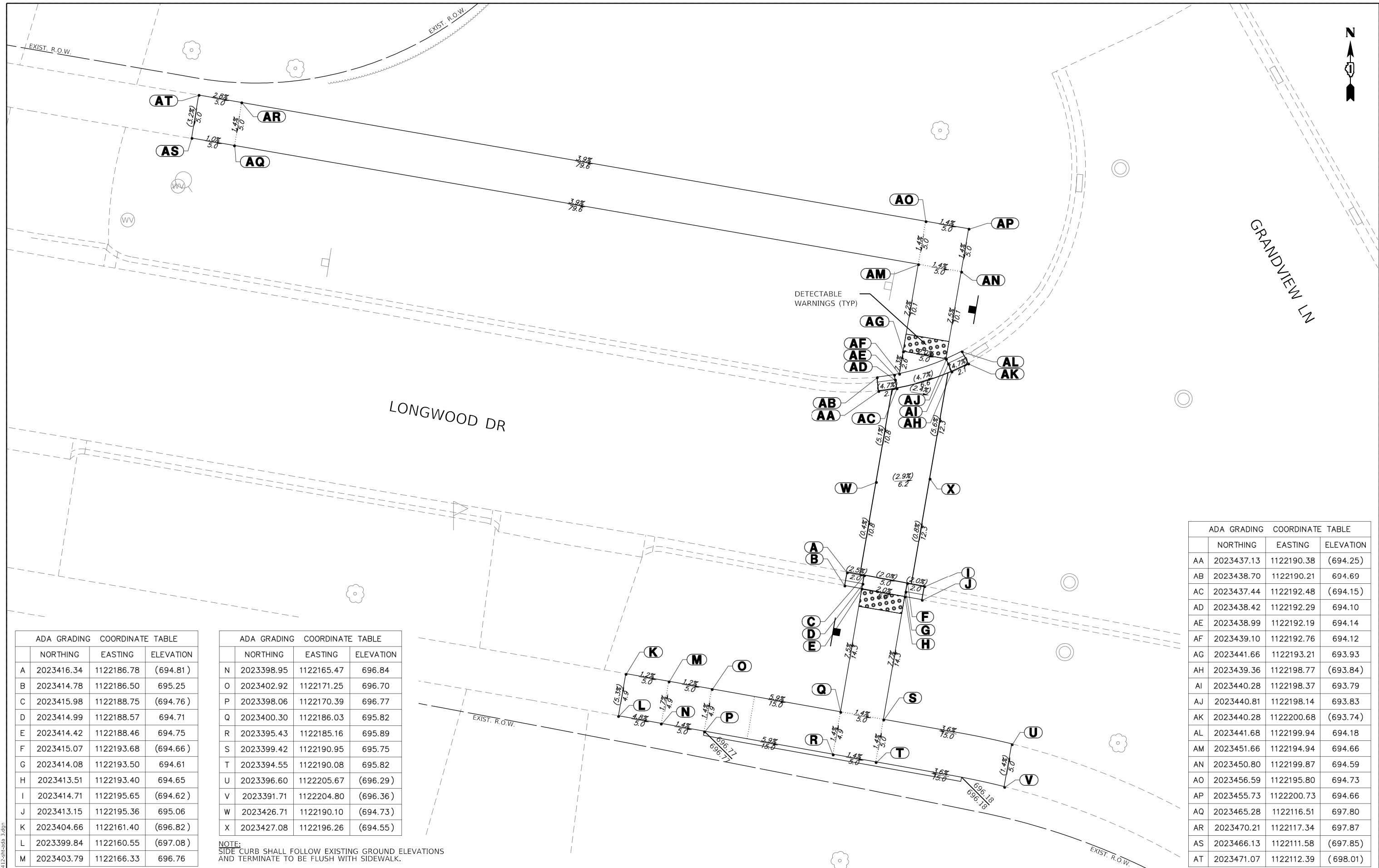
REVISIONS:
REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
CITY OF LAKE FOREST, ILLINOIS**

SCALE: 1"=5' SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	27
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
A	2023416.34	1122186.78	(694.81)
B	2023414.78	1122186.50	695.25
C	2023415.98	1122188.75	(694.76)
D	2023414.99	1122188.57	694.71
E	2023414.42	1122188.46	694.75
F	2023415.07	1122193.68	(694.66)
G	2023414.08	1122193.50	694.61
H	2023413.51	1122193.40	694.65
I	2023414.71	1122195.65	(694.62)
J	2023413.15	1122195.36	695.06
K	2023404.66	1122161.40	(696.82)
L	2023399.84	1122160.55	(697.08)
M	2023403.79	1122166.33	696.76

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
N	2023398.95	1122165.47	696.84
O	2023402.92	1122171.25	696.70
P	2023398.06	1122170.39	696.77
Q	2023400.30	1122186.03	695.82
R	2023395.43	1122185.16	695.89
S	2023399.42	1122190.95	695.75
T	2023394.55	1122190.08	695.82
U	2023396.60	1122205.67	(696.29)
V	2023391.71	1122204.80	(696.36)
W	2023426.71	1122190.10	(694.73)
X	2023427.08	1122196.26	(694.55)

NOTE:
SIDE CURB SHALL FOLLOW EXISTING GROUND ELEVATIONS
AND TERMINATE TO BE FLUSH WITH SIDEWALK.

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AA	2023437.13	1122190.38	(694.25)
AB	2023438.70	1122190.21	694.69
AC	2023437.44	1122192.48	(694.15)
AD	2023438.42	1122192.29	694.10
AE	2023438.99	1122192.19	694.14
AF	2023439.10	1122192.76	694.12
AG	2023441.66	1122193.21	693.93
AH	2023439.36	1122198.77	(693.84)
AI	2023440.28	1122198.37	693.79
AJ	2023440.81	1122198.14	693.83
AK	2023440.28	1122200.68	(693.74)
AL	2023441.68	1122199.94	694.18
AM	2023451.66	1122194.94	694.66
AN	2023450.80	1122199.87	694.59
AO	2023456.59	1122195.80	694.73
AP	2023455.73	1122200.73	694.66
AQ	2023465.28	1122116.51	697.80
AR	2023470.21	1122117.34	697.87
AS	2023466.13	1122111.58	(697.85)
AT	2023471.07	1122112.39	(698.01)

GHA GEWALT HAMILTON ASSOCIATES, INC.
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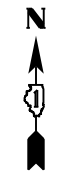
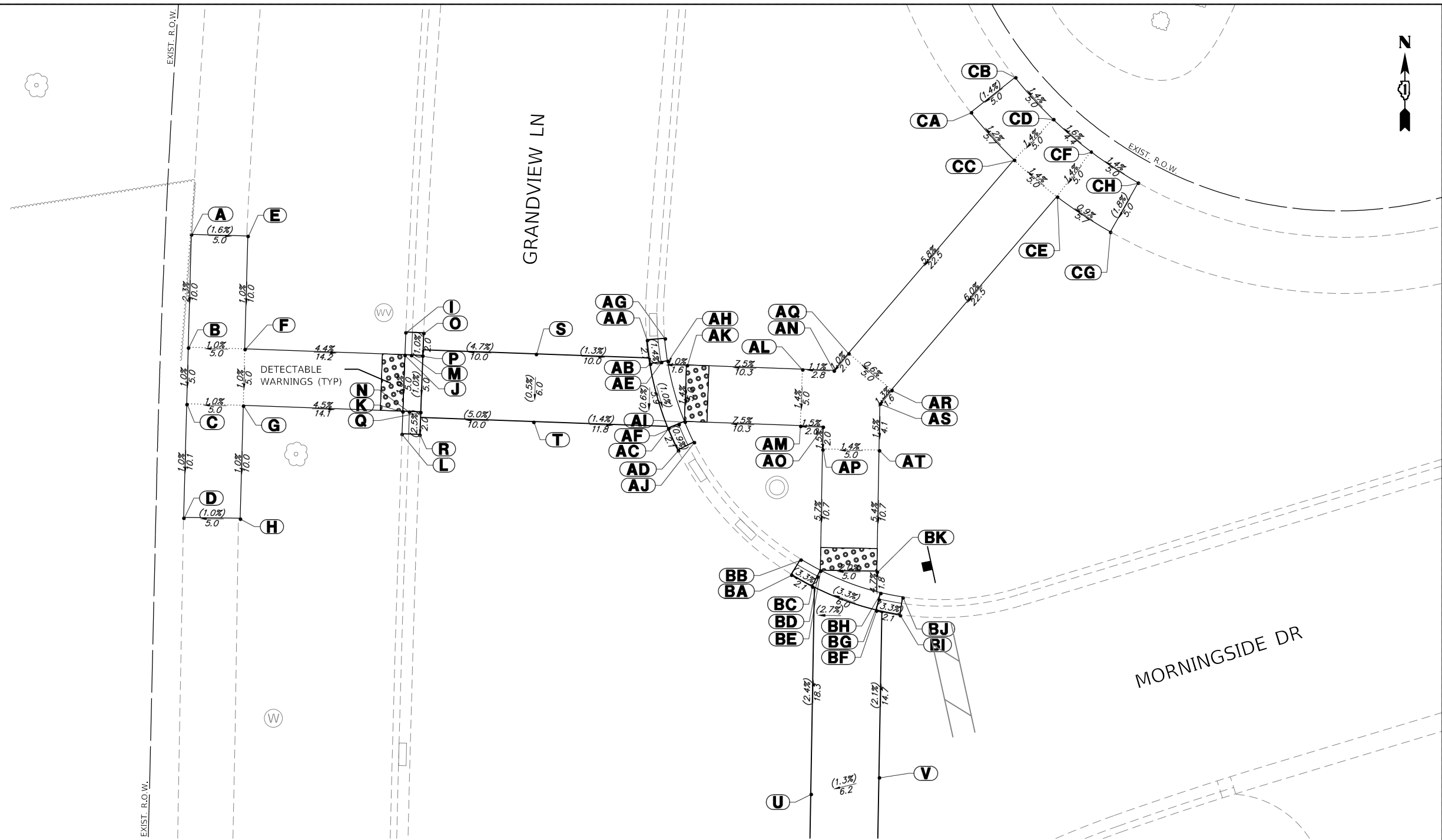
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		DATE - 12.23.2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=5' SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	28
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
A	2022867.80	1120158.22	(686.05)
B	2022857.80	1120157.95	685.82
C	2022852.80	1120157.82	685.77
D	2022842.75	1120157.55	(685.67)
E	2022867.66	1120163.22	(685.97)
F	2022857.67	1120162.95	685.87
G	2022852.67	1120162.81	685.82
H	2022842.67	1120162.55	(685.72)
I	2022859.15	1120177.20	685.71
J	2022857.15	1120177.13	685.24
K	2022852.15	1120176.94	685.19

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
L	2022850.15	1120176.87	685.59
M	2022857.13	1120177.71	685.20
N	2022852.13	1120177.52	685.15
O	2022859.09	1120178.78	(685.27)
P	2022857.09	1120178.71	(685.25)
Q	2022852.10	1120178.52	(685.20)
R	2022850.10	1120178.45	(685.15)
S	2022857.23	1120188.71	(685.72)
T	2022851.23	1120188.50	(685.69)
U	2022818.29	1120213.03	(686.12)
V	2022819.76	1120219.06	(686.20)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AA	2022858.47	1120198.52	(685.61)
AB	2022856.36	1120198.78	(685.58)
AC	2022850.65	1120200.38	(685.52)
AD	2022848.72	1120201.26	(685.50)
AE	2022856.52	1120199.77	685.53
AF	2022851.03	1120201.31	685.47
AG	2022858.60	1120200.09	686.05
AH	2022856.62	1120200.34	685.57
AI	2022851.25	1120201.85	685.51
AJ	2022849.44	1120202.66	685.94
AK	2022856.24	1120202.03	685.58

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AL	2022855.87	1120212.29	686.35
AM	2022850.87	1120212.10	686.28
AN	2022855.77	1120215.06	686.38
AO	2022850.80	1120214.10	686.31
AP	2022848.80	1120214.07	686.28
AQ	2022857.29	1120216.36	686.40
AR	2022854.04	1120220.16	686.43
AS	2022852.84	1120219.14	686.41
AT	2022848.71	1120219.07	686.35

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BA	2022837.71	1120211.31	(685.61)
BB	2022839.06	1120212.14	686.05
BC	2022836.67	1120213.16	(685.68)
BD	2022837.56	1120213.61	685.63
BE	2022838.08	1120213.88	685.67
BF	2022834.56	1120218.82	(685.88)
BG	2022835.53	1120219.05	685.83
BH	2022836.10	1120219.19	685.87
BI	2022834.15	1120220.92	(685.95)
BJ	2022835.71	1120221.15	686.39
BK	2022837.99	1120218.88	685.77

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
CA	2022878.60	1120227.19	(687.63)
CB	2022881.69	1120231.11	(687.70)
CC	2022874.39	1120231.00	687.70
CD	2022877.99	1120234.47	687.77
CE	2022871.14	1120234.80	687.77
CF	2022875.12	1120237.82	687.84
CG	2022868.02	1120239.54	(687.82)
CH	2022872.37	1120241.99	(687.91)

NOTE:
SIDE CURB SHALL FOLLOW EXISTING GROUND ELEVATIONS
AND TERMINATE TO BE FLUSH WITH SIDEWALK.

FILE NAME =	USER NAME = dolesak
4664-412-sht-ada 4-1.dgn	
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DRAWN - DGO	REVISD -
CHECKED - KLB	REVISD -
DATE - 12.23.2024	REVISD -

DESIGNED - KLB	REVISD -
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DESIGNED - KLB	REVISD -
DRAWN - DGO	REVISD -
CHECKED - KLB	REVISD -
DATE - 12.23.2024	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
CITY OF LAKE FOREST, ILLINOIS**

SCALE: 1"=5' SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	29
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
A	2022798.03	1120210.63	(685.65)
B	2022796.90	1120211.74	686.09
C	2022799.44	1120212.10	(685.69)
D	2022798.71	1120212.78	685.64
E	2022798.29	1120213.18	685.68
F	2022798.20	1120218.18	685.75
G	2022802.66	1120218.26	685.80
H	2022804.69	1120218.29	(685.83)
I	2022803.89	1120218.90	685.78
J	2022803.43	1120219.25	685.82
K	2022805.90	1120219.93	(685.86)
L	2022804.62	1120220.85	686.30

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
M	2022762.03	1120236.42	(687.43)
N	2022759.27	1120240.62	(687.59)
O	2022757.66	1120233.66	687.57
P	2022755.05	1120237.95	687.64
Q	2022753.35	1120231.13	687.64
R	2022750.87	1120235.50	687.71
S	2022748.80	1120228.66	(687.70)
T	2022746.48	1120233.10	(687.81)
U	2022818.29	1120213.03	(686.12)
V	2022819.76	1120219.06	(686.20)
W	2022768.12	1120186.72	(685.87)
X	2022762.12	1120186.56	(686.00)

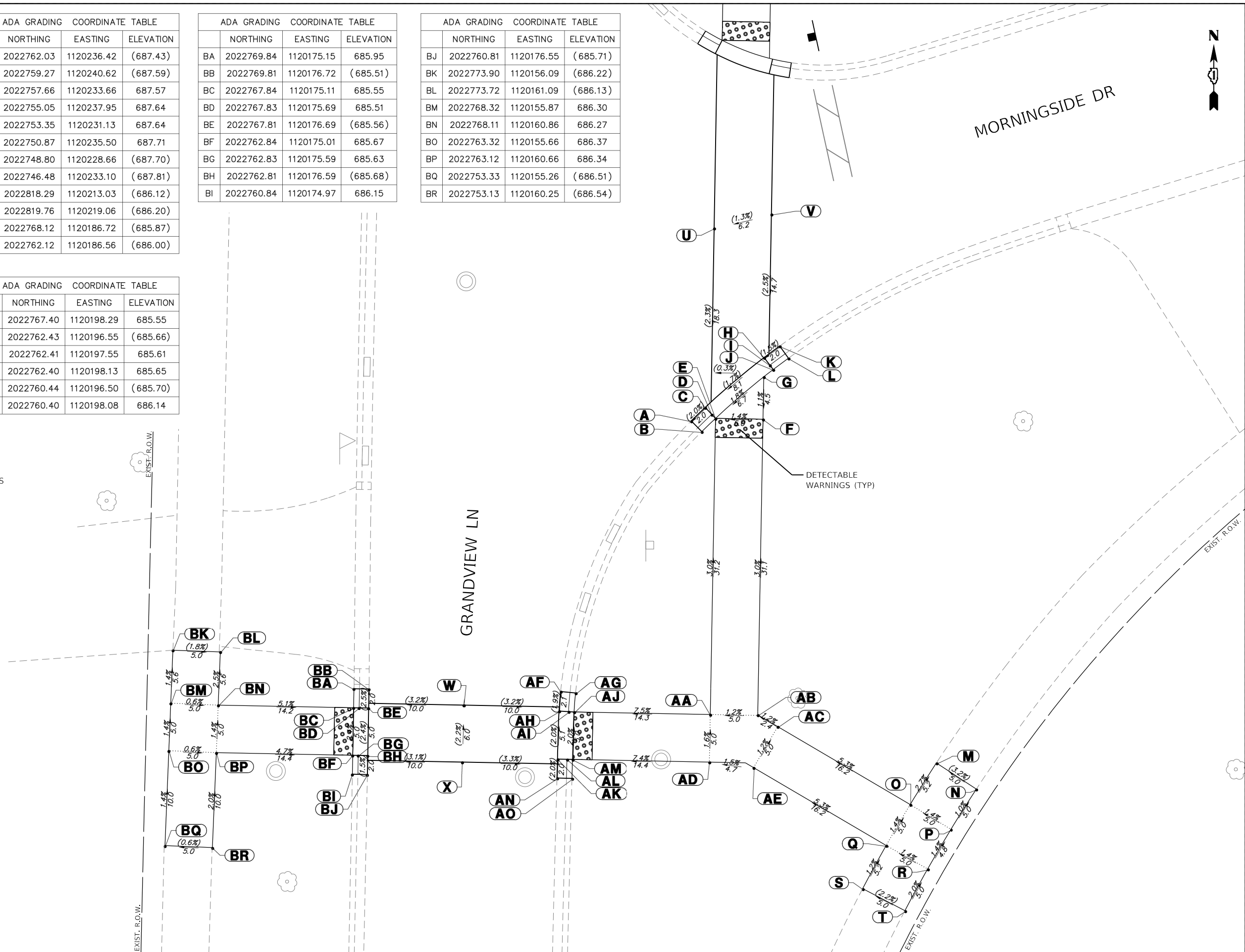
ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BA	2022769.84	1120175.15	685.95
BB	2022769.81	1120176.72	(685.51)
BC	2022767.84	1120175.11	685.55
BD	2022767.83	1120175.69	685.51
BE	2022767.81	1120176.69	(685.56)
BF	2022762.84	1120175.01	685.67
BG	2022762.83	1120175.59	685.63
BH	2022762.81	1120176.59	(685.68)
BI	2022760.84	1120174.97	686.15

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BJ	2022760.81	1120176.55	(685.71)
BK	2022773.90	1120156.09	(686.22)
BL	2022773.72	1120161.09	(686.13)
BM	2022768.32	1120155.87	686.30
BN	2022768.11	1120160.86	686.27
BO	2022763.32	1120155.66	686.37
BP	2022763.12	1120160.66	686.34
BQ	2022753.33	1120155.26	(686.51)
BR	2022753.13	1120160.25	(686.54)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AA	2022767.12	1120212.63	686.63
AB	2022767.08	1120217.63	686.69
AC	2022765.85	1120219.72	686.72
AD	2022762.12	1120212.53	686.71
AE	2022761.54	1120217.18	686.78
AF	2022769.55	1120196.88	(685.52)
AG	2022769.39	1120198.45	685.96
AH	2022767.49	1120196.71	(685.56)
AI	2022767.43	1120197.71	685.51

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AJ	2022767.40	1120198.29	685.55
AK	2022762.43	1120196.55	(685.66)
AL	2022762.41	1120197.55	685.61
AM	2022762.40	1120198.13	685.65
AN	2022760.44	1120196.50	(685.70)
AO	2022760.40	1120198.08	686.14

NOTE:
SIDE CURB SHALL FOLLOW EXISTING GROUND ELEVATIONS
AND TERMINATE TO BE FLUSH WITH SIDEWALK.



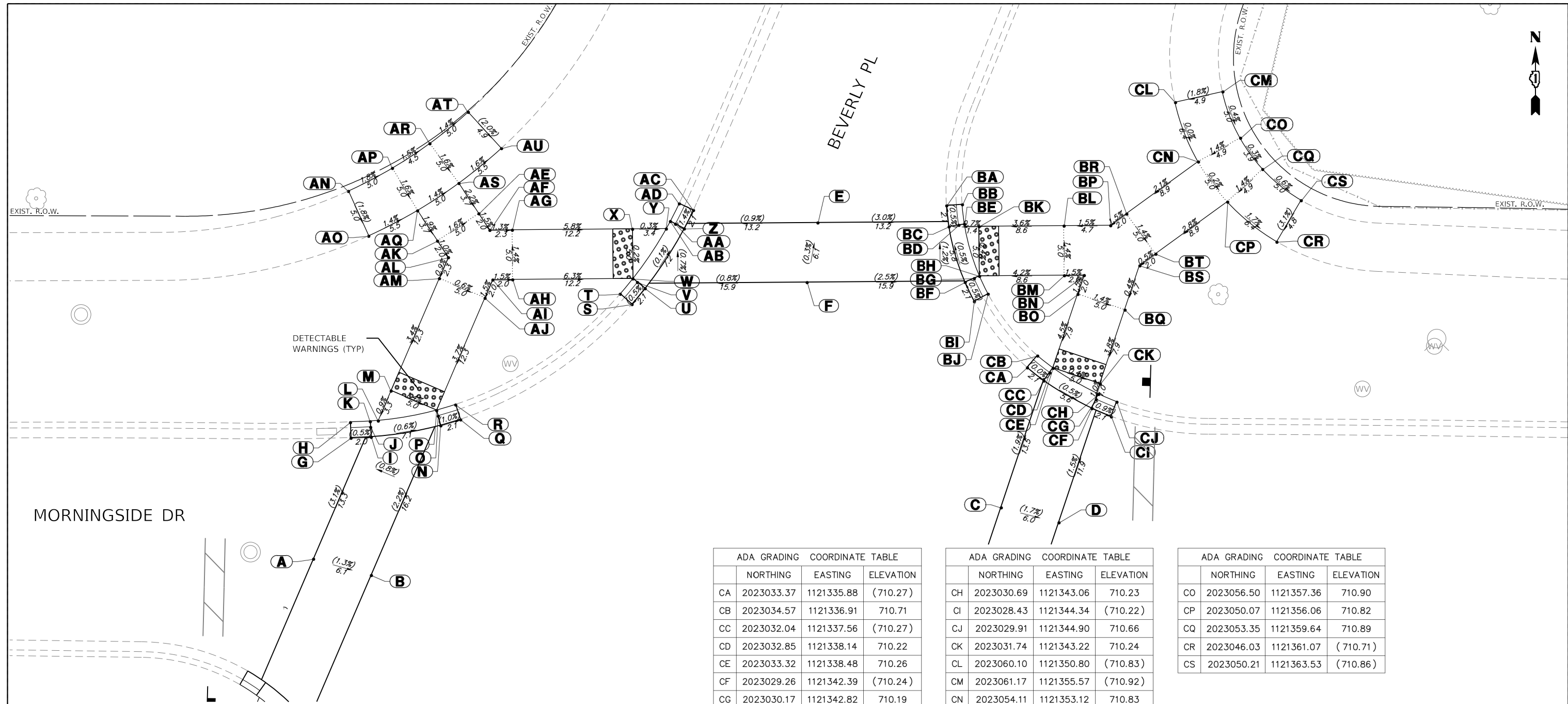
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		DATE - 12.23.2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA GRADING DETAILS			
CITY OF LAKE FOREST, ILLINOIS			
SCALE: 1"=5'	SHEET 7 OF 10 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	30
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



MORNINGSIDE DR

BEVERLY PL

DETECTABLE WARNINGS (TYP)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
A	2023014.10	1121263.89	(711.28)
B	2023012.45	1121269.72	(711.20)
C	2023019.27	1121333.24	(710.52)
D	2023017.76	1121339.06	(710.42)
E	2023047.97	1121314.73	(710.63)
F	2023041.96	1121313.65	(710.65)
G	2023026.28	1121267.66	(710.88)
H	2023027.86	1121267.61	711.32
I	2023026.37	1121269.71	(710.87)
J	2023027.37	1121269.64	710.82
K	2023027.95	1121269.61	710.86
L	2023028.01	1121270.41	710.86
M	2023031.03	1121271.71	710.89

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
N	2023027.53	1121276.71	(710.83)
O	2023028.49	1121276.45	710.78
P	2023029.05	1121276.30	710.82
Q	2023028.13	1121278.72	(710.81)
R	2023029.63	1121278.22	711.25
S	2023039.75	1121296.03	(710.52)
T	2023040.79	1121294.84	710.96
U	2023041.35	1121297.36	(710.53)
V	2023041.97	1121296.57	710.48
W	2023042.33	1121296.11	710.52
X	2023047.33	1121296.08	710.51
Y	2023047.35	1121299.48	710.50
Z	2023047.36	1121301.29	(710.52)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AA	2023047.84	1121300.40	710.47
AB	2023048.11	1121299.89	710.51
AC	2023049.23	1121302.22	(710.49)
AD	2023049.90	1121300.79	710.93
AE	2023048.89	1121280.56	711.27
AF	2023047.22	1121281.66	711.24
AG	2023047.23	1121283.92	711.21
AH	2023042.23	1121283.96	711.28
AI	2023042.22	1121281.96	711.31
AJ	2023040.38	1121281.17	711.28
AK	2023046.14	1121276.38	711.35
AL	2023044.47	1121277.48	711.33
AM	2023042.35	1121276.58	711.31

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
CA	2023033.37	1121335.88	(710.27)
CB	2023034.57	1121336.91	710.71
CC	2023032.04	1121337.56	(710.27)
CD	2023032.85	1121338.14	710.22
CE	2023033.32	1121338.48	710.26
CF	2023029.26	1121342.39	(710.24)
CG	2023030.17	1121342.82	710.19

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AN	2023051.15	1121267.41	(711.59)
AO	2023046.63	1121269.45	(711.50)
AP	2023053.46	1121271.84	711.50
AQ	2023049.19	1121274.37	711.42
AR	2023055.95	1121275.62	711.43
AS	2023051.94	1121278.54	711.35
AT	2023059.11	1121279.49	(711.36)
AU	2023055.46	1121282.83	(711.26)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
CH	2023030.69	1121343.06	710.23
CI	2023028.43	1121344.34	(710.22)
CJ	2023029.91	1121344.90	710.66
CK	2023031.74	1121343.22	710.24
CL	2023060.10	1121350.80	(710.83)
CM	2023061.17	1121355.57	(710.92)
CN	2023054.11	1121353.12	710.83

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BA	2023049.70	1121327.75	(710.22)
BB	2023049.80	1121329.33	710.66
BC	2023047.57	1121327.99	(710.23)
BD	2023047.72	1121328.98	710.18
BE	2023047.82	1121329.55	710.22
BF	2023041.97	1121329.61	(710.26)
BG	2023042.36	1121330.53	710.21
BH	2023042.59	1121331.06	710.25
BI	2023040.04	1121330.54	(710.27)
BJ	2023040.79	1121331.93	710.71
BK	2023047.59	1121331.02	710.23
BL	2023047.65	1121339.58	710.54
BM	2023042.65	1121339.61	710.61

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
CO	2023056.50	1121357.36	710.90
CP	2023050.07	1121356.06	710.82
CQ	2023053.35	1121359.64	710.89
CR	2023046.03	1121361.07	(710.71)
CS	2023050.21	1121363.53	(710.86)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BN	2023042.67	1121341.61	710.64
BO	2023040.77	1121340.98	710.61
BP	2023047.69	1121344.27	710.61
BQ	2023039.18	1121345.72	710.54
BR	2023048.86	1121345.89	710.64
BS	2023043.65	1121347.21	710.56
BT	2023044.82	1121348.83	710.57

NOTE:
SIDE CURB SHALL FOLLOW EXISTING GROUND ELEVATIONS
AND TERMINATE TO BE FLUSH WITH SIDEWALK.



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PLOT SCALE = 1:10
PLOT DATE = 12/23/2024

DESIGNED - KLB
DRAWN - DGO
CHECKED - KLB
DATE - 12.23.2024

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=5' SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	31
CONTRACT NO. 61L16				
ILLINOIS		FED. AID PROJECT		

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
A	2023014.10	1121263.89	(711.28)
B	2023012.45	1121269.72	(711.20)
C	2023019.27	1121333.24	(710.52)
D	2023017.76	1121339.06	(710.42)
E	2022990.66	1121284.44	(711.23)
F	2022984.65	1121283.47	(711.31)
G	2023001.56	1121259.05	(711.05)
H	2022996.30	1121262.23	710.83
I	2022996.75	1121262.65	710.79
J	2022997.44	1121263.33	(710.83)
K	2022994.84	1121263.58	711.23
L	2022995.87	1121264.79	(710.79)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
M	2022998.27	1121257.64	710.93
N	2022990.01	1121254.09	711.21
O	2022990.04	1121259.54	711.16
P	2022987.55	1121253.03	711.24
Q	2022985.41	1121250.64	711.27
R	2022985.03	1121257.70	711.24
S	2022981.69	1121253.98	711.32
T	2023001.36	1121256.45	711.57
U	2023002.73	1121257.24	(711.13)
V	2023000.28	1121258.13	711.04
W	2023000.75	1121258.46	711.00

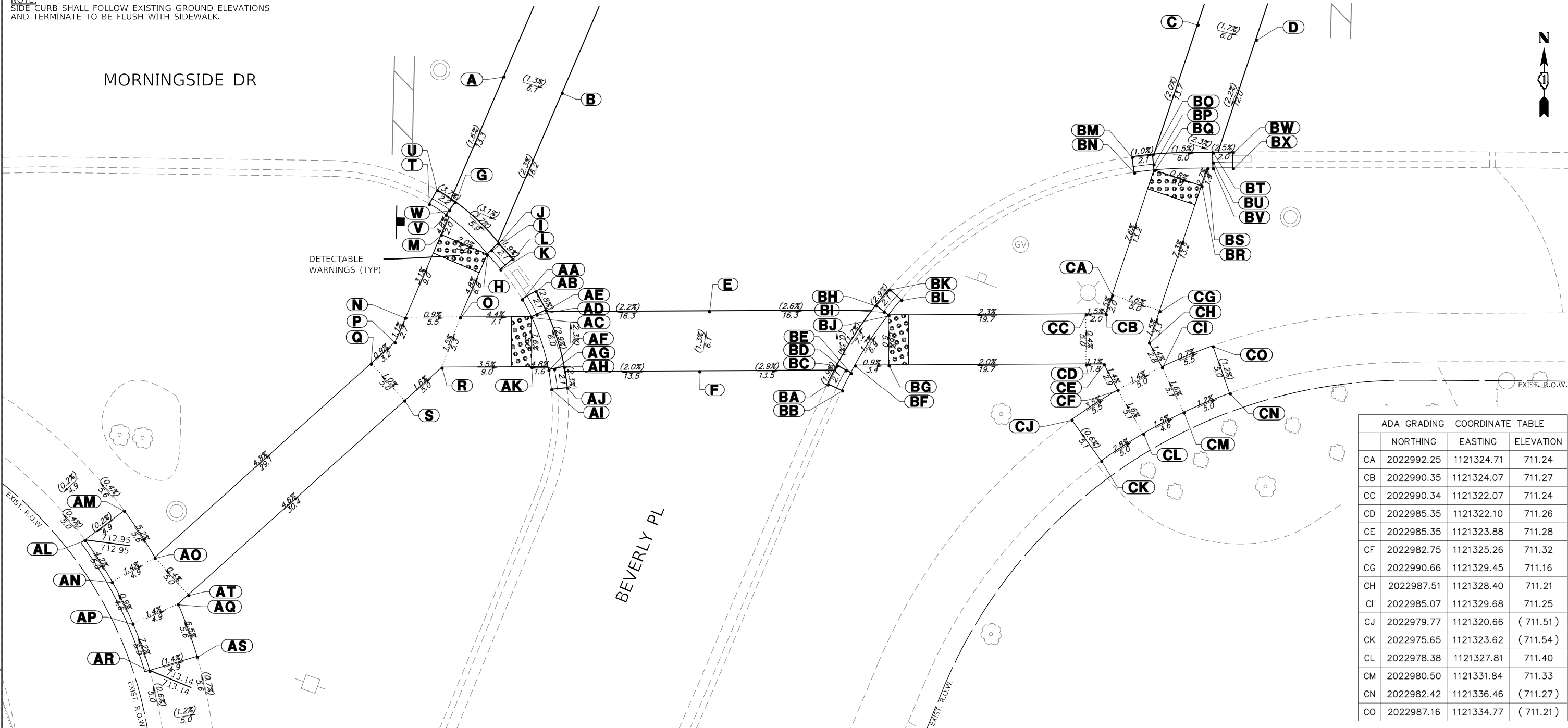
ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AA	2022991.84	1121265.72	711.24
AB	2022992.64	1121267.08	(710.80)
AC	2022990.07	1121266.66	710.85
AD	2022990.32	1121267.19	710.81
AE	2022990.75	1121268.09	(710.86)
AF	2022984.79	1121268.38	711.02
AG	2022984.90	1121268.95	710.98
AH	2022985.09	1121269.93	(711.03)
AI	2022982.81	1121268.66	711.52
AJ	2022982.96	1121270.23	(711.08)
AK	2022985.07	1121266.69	710.93
AL	2022967.76	1121222.01	(712.95)

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AM	2022970.68	1121225.95	(712.96)
AN	2022963.57	1121224.73	712.74
AO	2022965.99	1121229.01	712.67
AP	2022959.41	1121226.80	712.78
AQ	2022961.35	1121231.32	712.71
AR	2022954.70	1121228.49	(713.14)
AS	2022956.11	1121233.22	(713.07)
AT	2022962.27	1121232.35	712.69

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BA	2022983.35	1121296.25	(710.95)
BB	2022982.69	1121297.69	711.39
BC	2022985.22	1121297.18	(710.91)
BD	2022984.75	1121298.07	710.86
BE	2022984.48	1121298.58	710.90
BF	2022985.23	1121298.99	710.89
BG	2022985.25	1121302.35	710.86
BH	2022991.22	1121301.09	(710.79)
BI	2022990.61	1121301.87	710.74
BJ	2022990.25	1121302.33	710.78
BK	2022992.83	1121302.42	(710.73)
BL	2022991.79	1121303.60	711.17

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
BM	2023006.06	1121326.68	(710.27)
BN	2023004.50	1121326.91	710.71
BO	2023006.31	1121328.75	(710.25)
BP	2023005.32	1121328.84	710.20
BQ	2023004.74	1121328.90	710.24
BR	2023003.15	1121333.64	710.20
BS	2023004.93	1121334.23	710.15
BT	2023006.51	1121334.76	(710.16)
BU	2023005.51	1121334.77	710.11
BV	2023004.93	1121334.78	710.15
BW	2023006.53	1121336.77	(710.11)
BX	2023004.95	1121336.78	710.55

NOTE:
SIDE CURB SHALL FOLLOW EXISTING GROUND ELEVATIONS
AND TERMINATE TO BE FLUSH WITH SIDEWALK.



ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
CA	2022992.25	1121324.71	711.24
CB	2022990.35	1121324.07	711.27
CC	2022990.34	1121322.07	711.24
CD	2022985.35	1121322.10	711.26
CE	2022985.35	1121323.88	711.28
CF	2022982.75	1121325.26	711.32
CG	2022990.66	1121329.45	711.16
CH	2022987.51	1121328.40	711.21
CI	2022985.07	1121329.68	711.25
CJ	2022979.77	1121320.66	(711.51)
CK	2022975.65	1121323.62	(711.54)
CL	2022978.38	1121327.81	711.40
CM	2022980.50	1121331.84	711.33
CN	2022982.42	1121336.46	(711.27)
CO	2022987.16	1121334.77	(711.21)



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PLOT DATE = 12/23/2024

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DRAWN - DGO
CHECKED - KLB
DATE - 12.23.2024

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=5' SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	32
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
A	2022815.51	1122567.32	(690.55)
B	2022812.43	1122562.17	(690.56)
C	2022821.13	1122555.56	(690.44)
D	2022822.24	1122554.43	690.88
E	2022822.72	1122556.99	(690.40)
F	2022823.36	1122556.22	690.35
G	2022823.73	1122555.77	690.39
H	2022828.52	1122560.56	(690.27)
I	2022828.93	1122559.65	690.22
J	2022829.17	1122559.12	690.26
K	2022830.48	1122561.36	(690.23)
L	2022831.02	1122559.87	690.67

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
AA	2022826.73	1122554.75	690.33
AB	2022831.46	1122552.11	690.74
AC	2022833.90	1122556.48	690.67
AD	2022833.64	1122550.89	690.78
AE	2022837.44	1122554.49	690.73
AF	2022834.74	1122548.65	690.82
AG	2022839.23	1122550.85	690.79
AH	2022856.40	1122493.33	(692.77)
AI	2022853.73	1122497.78	(692.71)
AJ	2022860.78	1122495.75	692.85
AK	2022858.44	1122500.33	692.78
AL	2022865.00	1122497.72	692.92
AM	2022863.01	1122502.38	692.85
AN	2022868.09	1122504.27	(692.93)
AO	2022869.67	1122499.53	(693.00)

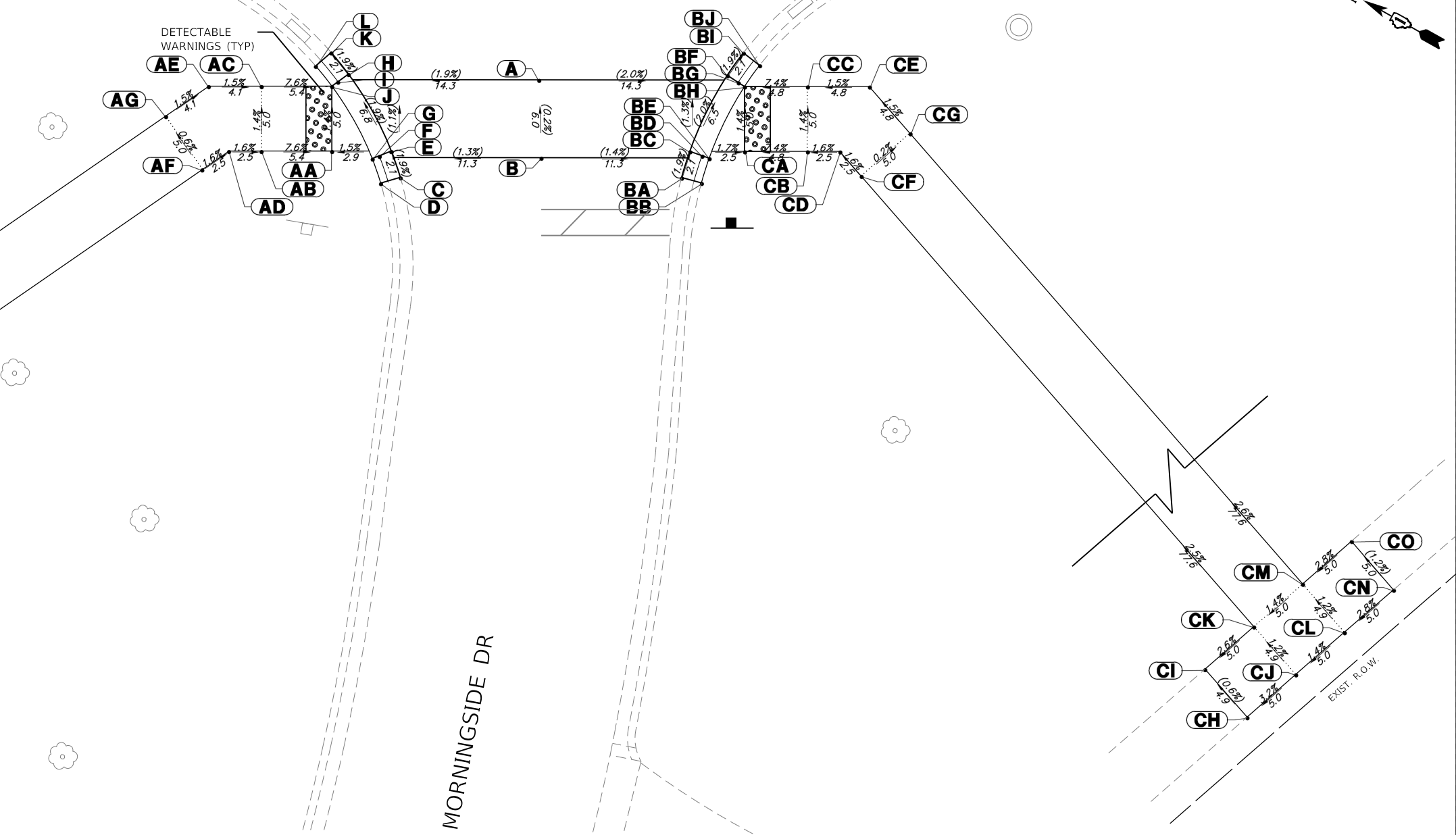
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	NORTHING	EASTING	ELEVATION
BA	2022802.20	1122566.14	(690.43)
BB	2022800.67	1122566.52	690.87
BC	2022802.63	1122568.21	(690.39)
BD	2022801.65	1122568.38	690.34
BE	2022801.08	1122568.48	690.38
BF	2022802.97	1122574.74	(690.26)
BG	2022801.97	1122574.67	690.21
BH	2022801.39	1122574.63	690.25
BI	2022802.74	1122576.86	(690.22)
BJ	2022801.18	1122576.62	690.66

ADA GRADING COORDINATE TABLE			
	NORTHING	EASTING	ELEVATION
CA	2022798.95	1122570.27	690.32
CB	2022794.73	1122572.63	690.68
CC	2022797.17	1122576.99	690.61
CD	2022792.54	1122573.85	690.72
CE	2022793.00	1122579.32	690.68
CF	2022790.19	1122573.01	690.76
CG	2022788.51	1122577.71	690.75
CH	2022714.16	1122540.49	(692.57)
CI	2022718.80	1122542.13	(692.54)
CJ	2022712.49	1122545.21	692.73
CK	2022717.11	1122546.84	692.67
CL	2022710.81	1122549.87	692.80
CM	2022715.44	1122551.55	692.74
CN	2022709.10	1122554.57	(692.94)
CO	2022713.76	1122556.26	(692.88)

NOTE:
SIDE CURB SHALL FOLLOW EXISTING GROUND ELEVATIONS
AND TERMINATE TO BE FLUSH WITH SIDEWALK.

WESTERN AVE

MORNINGSIDE DR



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FILE NUMBER: 4664-412-sht-ada 6.dgn

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PLOT SCALE = 1:10
PLOT DATE = 12/23/2024

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DATE - 12.23.2024

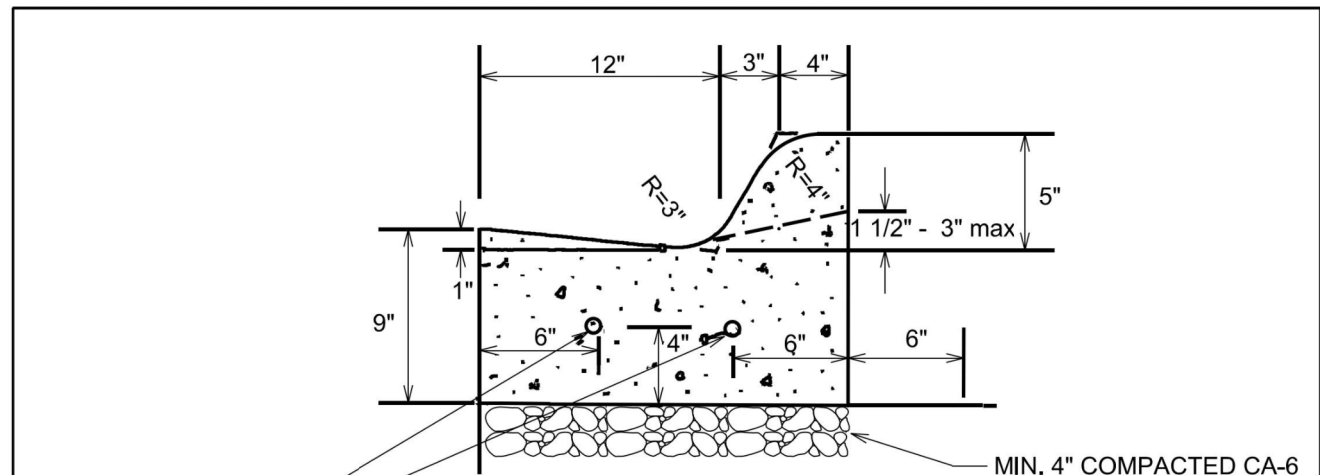
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

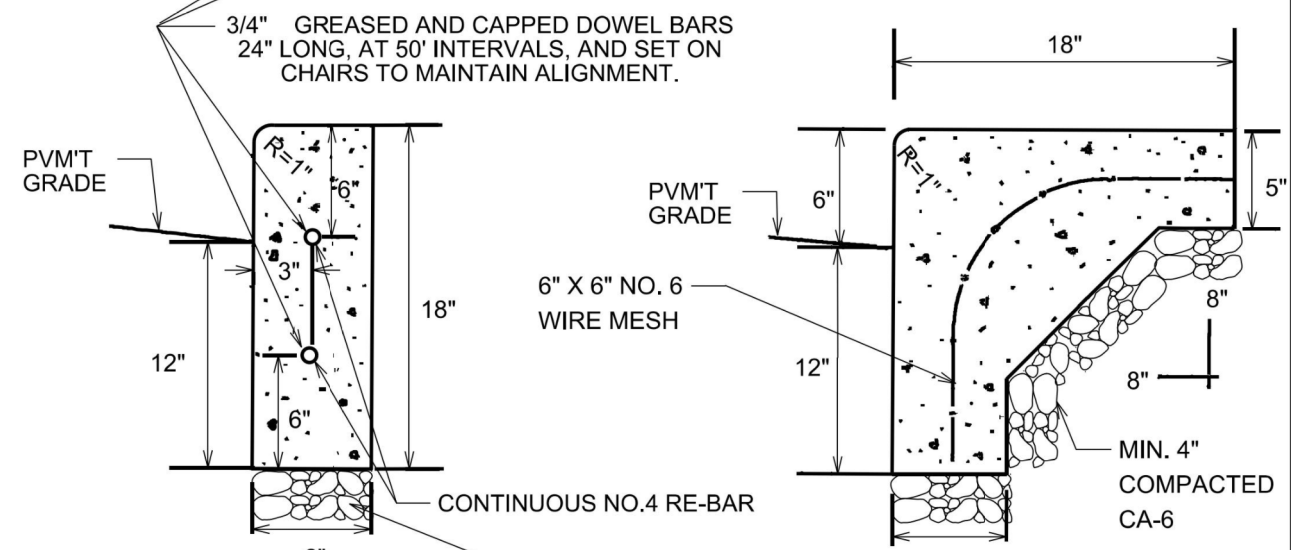
ADA GRADING DETAILS
CITY OF LAKE FOREST, ILLINOIS

SCALE: 1"=5' SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	33
CONTRACT NO. 61L16				
ILLINOIS FED. AID PROJECT				



CURB AND GUTTER



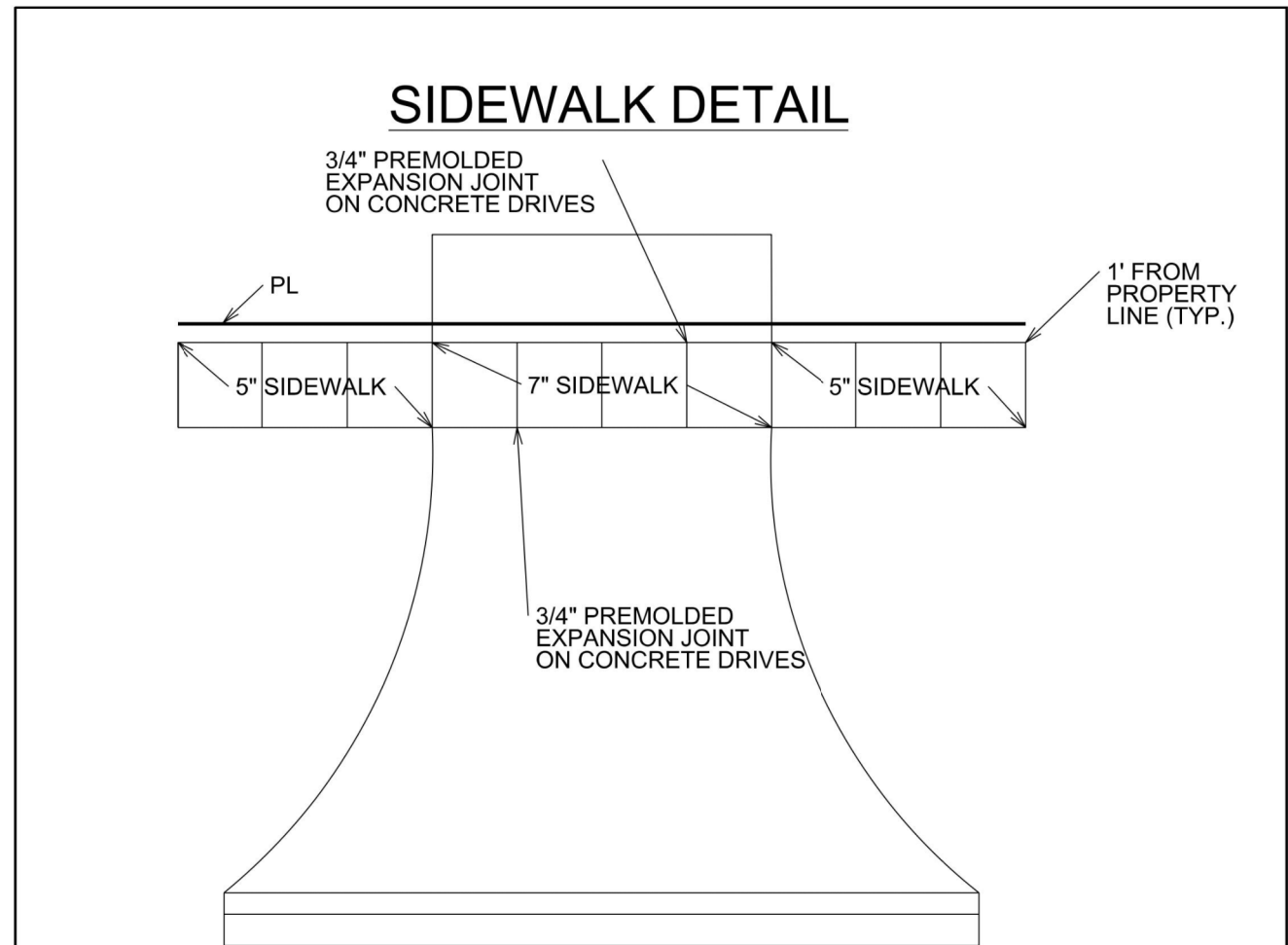
BARRIER CURB

INTEGRAL CURB

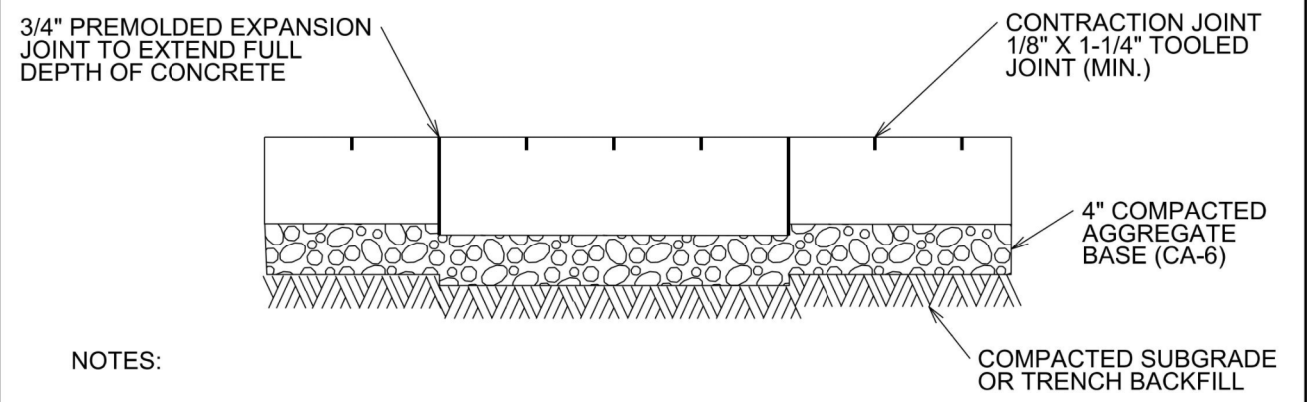
1. INSTALL PREFORMED EXPANSION JOINT FILLER, BITUMEN TREATED, CUT TO SHAPE OF CURB AND GUTTER, BARRIER CURB OR INTEGRAL CURB, AT 50' INTERVALS,
2. SAWCUT CONTRACTION JOINTS AT 25' INTERVALS
3. TWO (2) 10 FEET LONG NO. 4 RE-BARS OVER ALL TRENCHES
4. TWO CONTINUOUS NO.4 RE-BARS ARE TO BE INSTALLED IN ALL BARRIER CURB.
5. TWO (2) 24 INCH LONG NO. 4 DOWEL BARS AT ALL CONNECTIONS BETWEEN NEW CURB AND EXISTING CURB AND AT ALL EXPANSION JOINTS.
6. CONTRACTOR MUST CALL FOR AN INSPECTION PRIOR TO POURING THE CURB

STANDARD CURB SECTIONS

LAKE FOREST STANDARD 2.06
 APPROVED BY : KMM
 DATE : 1/1/2006
 G:\Engineer\Standard Details\Standard Curb 2-06



SIDEWALK DETAIL



NOTES:

1. UNLESS OTHERWISE NOTED ON PLANS, CONTRACTION JOINTS TO BE AT 5' O.C.
2. EXPANSION JOINTS TO BE 50' O.C. MAX. AND AT BACK OF CURB, CHANGE IN DIRECTION, OTHER WALK, UTILITY APPURTENANCE OR FACE OF STRUCTURE.

LAKE FOREST STANDARD 2.12
 APPROVED BY : KMM
 DATE : 2/19/2009
 G:\Engineer\Standard Details\Sidewalk

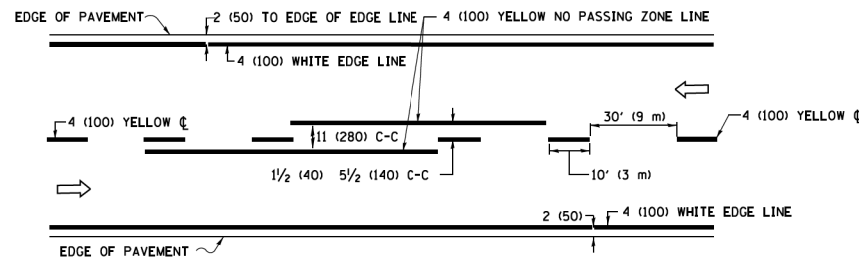
GHA GEWALT HAMILTON ASSOCIATES, INC.
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		DRAWN - DGO	REVISED -
		CHECKED - KLB	REVISED -
		DATE - 12.23.2024	REVISED -

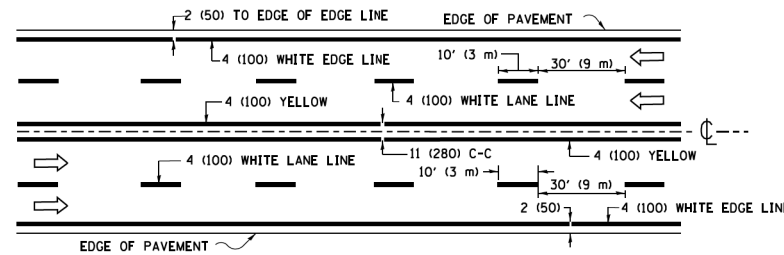
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST STANDARDS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CITY OF LAKE FOREST, ILLINOIS			23-00099-00-SW	LAKE	37	34
SCALE: NONE		SHEET 1 OF 1 SHEETS		STA.	TO STA.	
				ILLINOIS FED. AID PROJECT		

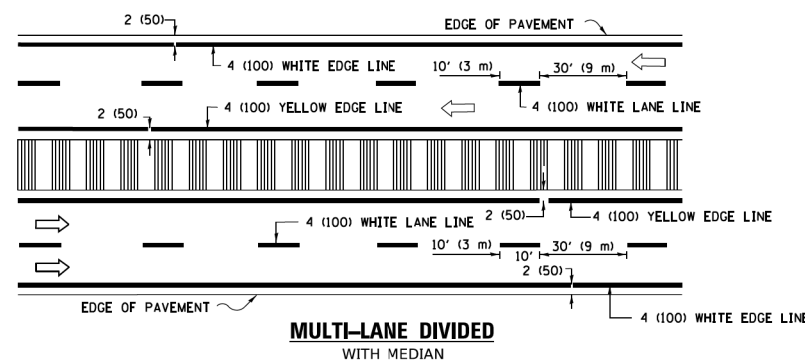
CONTRACT NO. 61L16



2-LANE ROADWAY

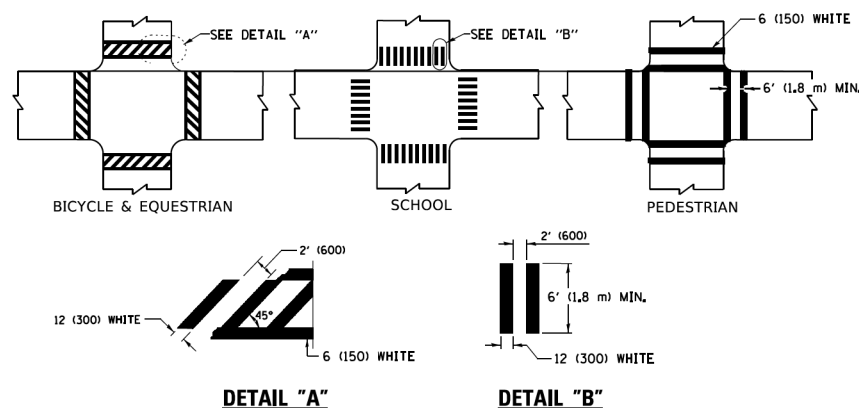


MULTI-LANE UNDIVIDED



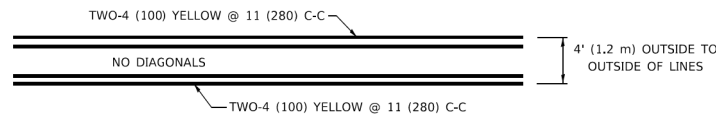
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

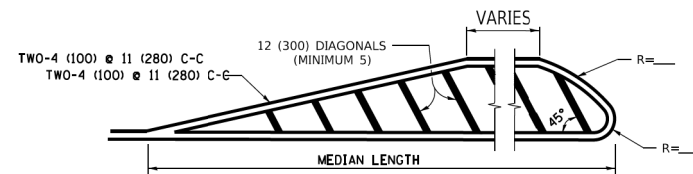


TYPICAL CROSSWALK MARKING

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

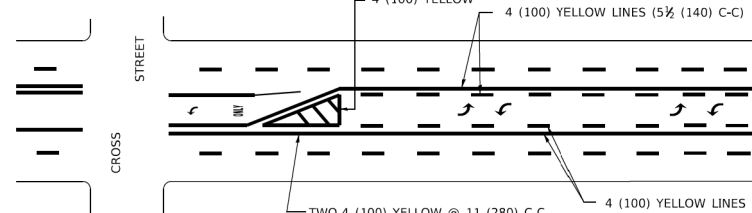


4' (1.2 m) WIDE MEDIANS ONLY



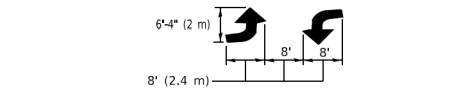
MEDIANS OVER 4' (1.2 m) WIDE

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



**MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING**

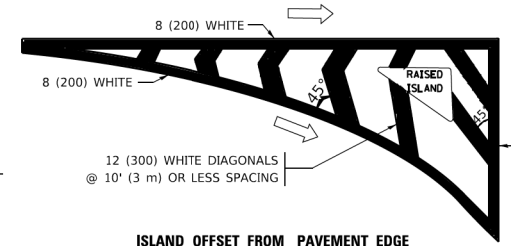
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



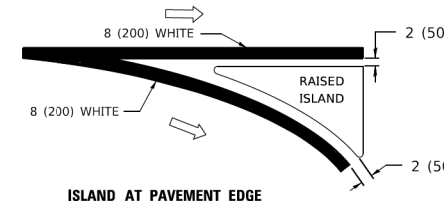
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

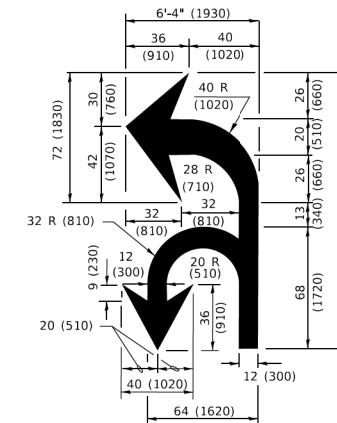


ISLAND OFFSET FROM PAVEMENT EDGE

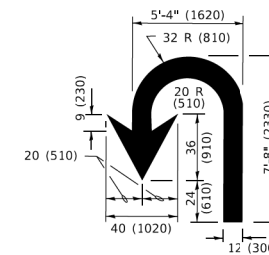


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 2' (600) APART 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 15' 6" (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

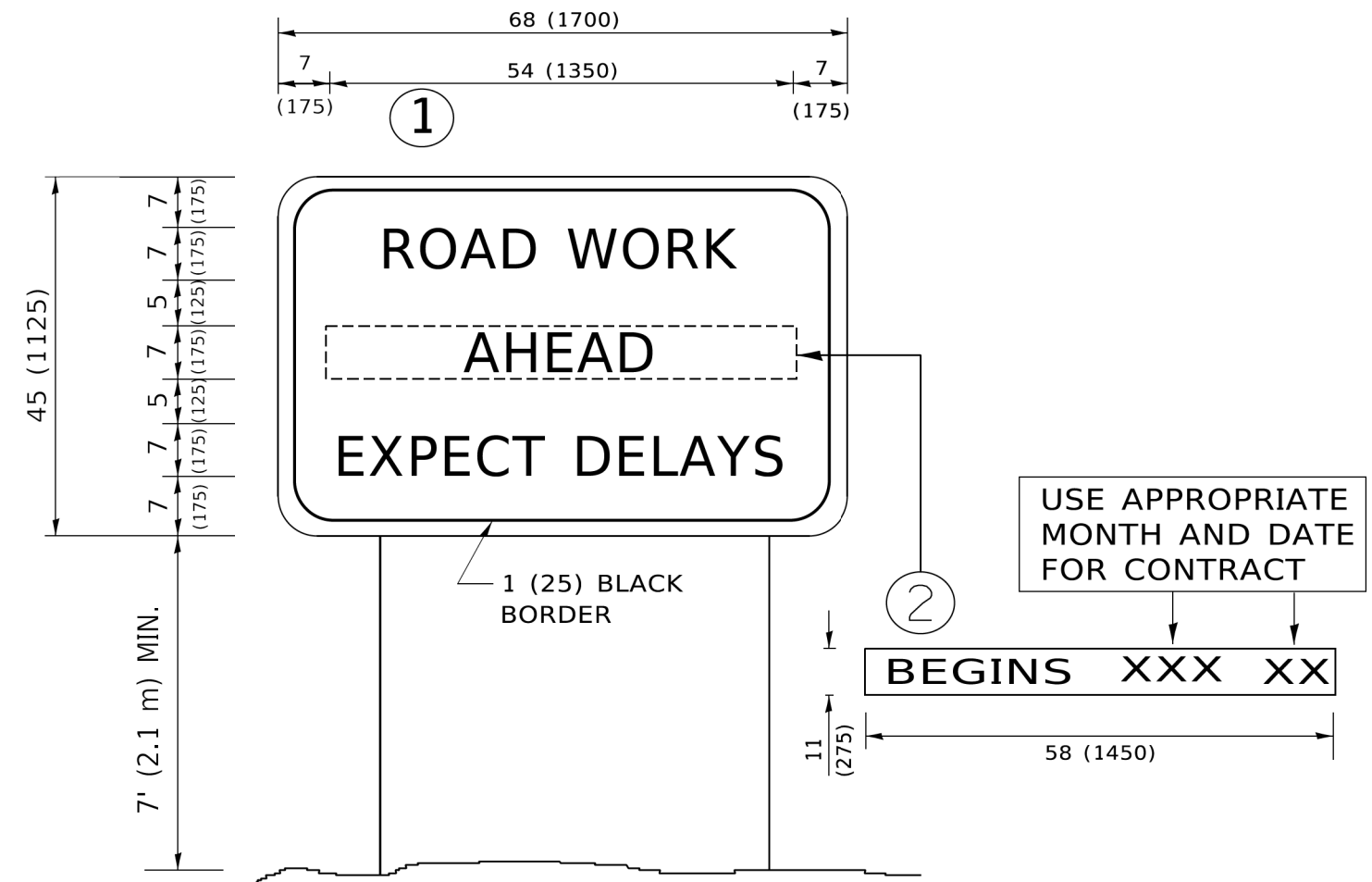
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	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	36
TC-13		CONTRACT NO. 61L16		
ILLINOIS		FED. AID PROJECT		



NOTES:

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

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

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USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50,0000' / 1"	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	23-00099-00-SW	LAKE	37	37
TC-22		CONTRACT NO. 61L16		
ILLINOIS FED. AID PROJECT				