

# Department of Transportation

## LAKE SHORE DRIVE COMPLETE STREET & BEAUTIFICATION PROJECT CITY OF DUNKIRK, CHAUTAUQUA COUNTY P.I.N. 5763.53 F.A. PROJECT

THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY THE DEPARTMENT, WHICH ARE CURRENT ON THE DATE OF ADVERTISEMENT FOR BIDS, SHALL BE CONSIDERED TO BE IN EFFECT. ALL PAY ITEMS AND WORK CONTAINED IN THE CONTRACT AND ANY ADDITIONAL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT TO THE APPLICABLE STANDARD SHEETS UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (AS CUSTOMARY) REFERENCED IN THE CONTRACT PROJECT "PROPOSAL" EXCEPT AS MODIFIED BY THESE PLANS OR BY CHANGES SET FORTH IN THE CONTRACT PROJECT "PROPOSAL."

CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NYSOT POLICIES AND GUIDELINES AND THE FINAL DESIGN REPORT APPROVED ON 05/06/2021.

### PROJECT LOCATION:

THE PROJECT IS LOCATED ON LAKE SHORE DRIVE BETWEEN BRIGHAM ROAD AND MAIN STREET IN THE CITY OF DUNKIRK.

PREPARED AND RECOMMENDED BY

*Paul J. Presutti*

DATE 1/6/2022

PAUL J. PRESUTTI, P.E., P.T.O.E.  
ERDMAN ANTHONY  
NYSPE LICENSE NUMBER: 075463

END PROJECT LIMITS  
INTERSECTION  
MAIN ST / EAST LAKE SHORE DR

END CONTRACT LIMITS  
STA. 60+10

BEGIN PROJECT LIMITS  
INTERSECTION  
BRIGHAM RD / WEST LAKE SHORE DR

BEGIN CONTRACT LIMITS  
STA. 7+87

APPROVED BY

*Wilfred Bosas*

DATE 1/31/22

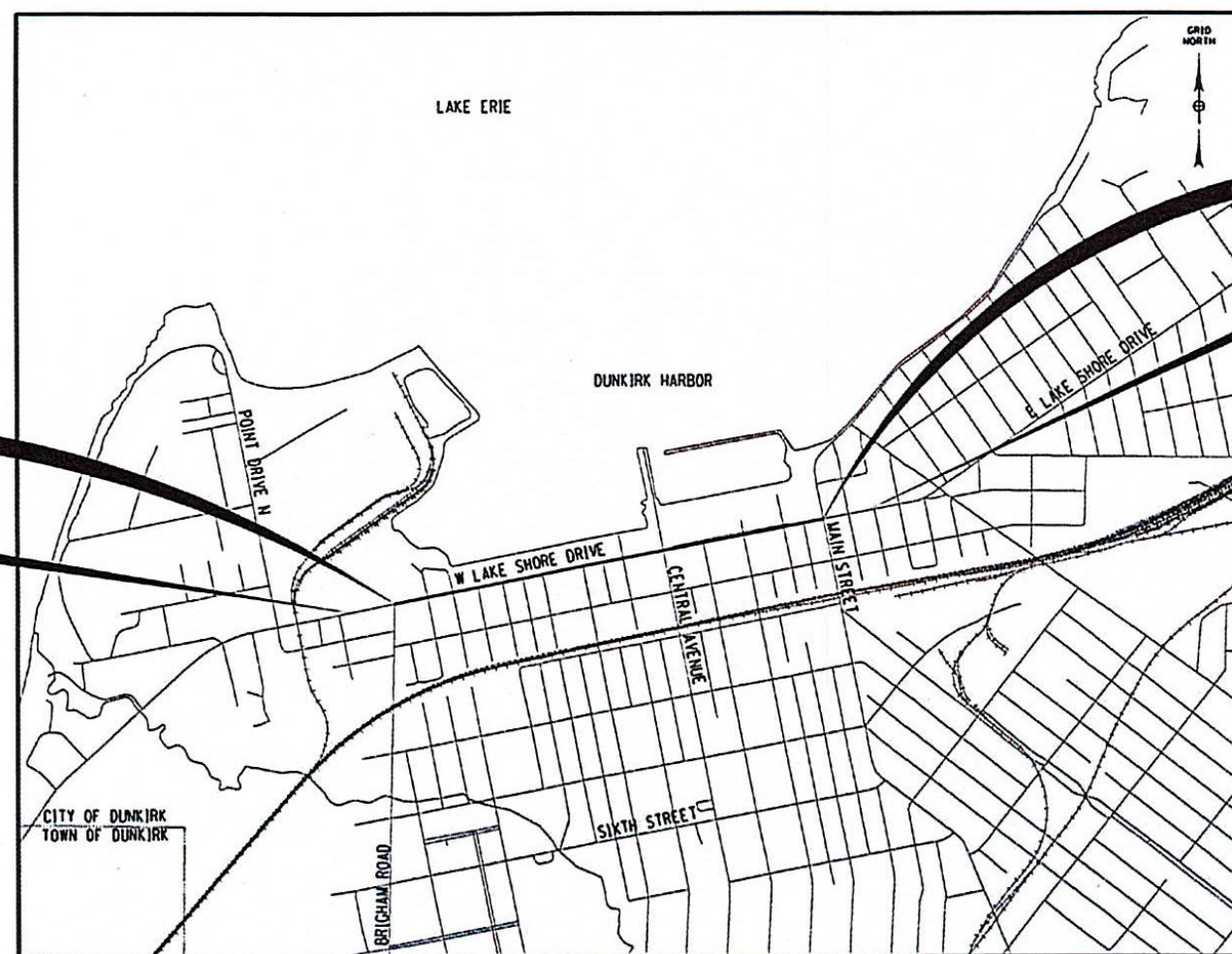
WILFRED BOSAS  
MAYOR, CITY OF DUNKIRK

APPROVED BY

*Francis B. Cirillo*

DATE 2/1/22

FRANCIS B. CIRILLO  
REGIONAL DIRECTOR



LOCATION MAP  
NOT TO SCALE

CONTRACTOR'S NAME \_\_\_\_\_  
AWARD DATE \_\_\_\_\_  
COMPLETION DATE \_\_\_\_\_  
FINAL ACCEPTANCE DATE \_\_\_\_\_  
REGIONAL DIRECTOR \_\_\_\_\_  
ENGINEER IN CHARGE \_\_\_\_\_  
FINAL COST TOTAL \_\_\_\_\_

FISCAL SHARE COST(S)

LAKE SHORE DRIVE		
COMPLETE STREET & BEAUTIFICATION PROJECT		
COUNTY: CHAUTAUQUA		
FED. ROAD REG. NO.	STATE	SHEET NO.
1	N.Y.	1
CAPITAL PROJECT IDENTIFICATION NO. 5763.53		
INDEX ON SHEET NO. 2		



ALIGNMENT		TOPOGRAPHY (MISCELLANEOUS)		UTILITIES	
ABBR.	DESCRIPTION	ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
AH	AHEAD	ABUT	ABUTMENT	E	ELECTRIC
AZ	AZIMUTH	AOBE	AS ORDERED BY ENGINEER	EMH	ELECTRIC MANHOLE
BK	BACK	ASPH	ASPHALT	G	GAS
B	BASELINE	BDY	BOUNDARY	GP	GUY POLE
BRG	BEARING	BLDG	BUILDING	GSB	GAS SERVICE BOX (HOUSE LINE)
C	CENTERLINE	BM	BENCH MARK	GV	GAS VALVE (MAIN LINE)
CS	CURVE TO SPIRAL	CC	CENTER TO CENTER	HYD	HYDRANT
e	SUPERELEVATION RATE (CROSS SLOPE)	CONC	CONCRETE	LP	LIGHT POLE
EQ	EQUALITY	CONST	CONSTRUCTION	LPG	LOW PRESSURE GAS
EXT	EXTERNAL	CR	COUNTY ROAD	PP	POWER POLE
HCL	HORIZONTAL CONTROL LINE	D	DEED DISTANCE	SA	SANITARY SEWER
HSD	HEADLIGHT SIGHT DISTANCE	DM	DIRECT MEASUREMENT	SMH	SANITARY MANHOLE
L	LENGTH OF CIRCULAR CURVE	DWY	DRIVEWAY	ST	STORM SEWER
LS	LENGTH OF SPIRAL	EP	EDGE OF PAVEMENT	T	TELEPHONE
LVC	LENGTH OF VERTICAL CURVE	ES	EDGE OF SHOULDER	TCB	TRAFFIC CONTROL BOX
E	CENTER CORRECTION OF VERTICAL CURVE	FEE	FEE ACQUISITION	TELBOX	TELEPHONE BOX
M	MAIN LINE	FEE WO/A	FEE ACQUISITION WITHOUT ACCESS	TEL P	TELEPHONE POLE
PC	POINT OF CURVATURE	FP	FENCE POST	TMH	TELEPHONE MANHOLE
PI	POINT OF INTERSECTION	FD	FOUNDATION	CTV	CABLE TELEVISION
POL	POINT ON LINE	FL	FENCE LINE	W	WATER
PSD	PASSING SIGHT DISTANCE	GAR	GARAGE	WSB	WATER SERVICE BOX (HOUSE LINE)
PT	POINT OF TANGENT	GR	GRAVEL	WV	WATER VALVE (MAIN LINE)
PVC	POINT OF VERTICAL CURVE	HO	HOUSE	SUBSURFACE EXPLORATION	
PVI	POINT OF VERTICAL INTERSECTION	HWY	HIGHWAY		
PVT	POINT OF VERTICAL TANGENT	IP	IRON PIN OR IRON PIPE	ABBR.	DESCRIPTION
R	RADIUS	MB	MAILBOX	REPLACE ABBREVIATION "AB" WITH:	
SC	SPIRAL TO CURVE	MON	MONUMENT	AH	HAND AUGER
SSD	STOPPING SIGHT DISTANCE	N&W	NAIL AND WASHER	CP	CONE PENTROMETER
ST	SPIRAL TO TANGENT	OG	ORIGINAL GROUND	DA	2¼ INCHES CASSED DRILL HOLE
STA	STATION	O/H	OVERHEAD	DM	DRILLING MUD
T	TANGENT LENGTH	P	PARCEL	DN	4 INCHES CASSED DRILL HOLE
TGL	THEORETICAL GRADE LINE	PAV'T	PAVEMENT	FH	HOLLOW FLIGHT AUGER
TS	TANGENT TO SPIRAL	PE	PERMANENT EASEMENT	PA	POWER AUGER
VC	VERTICAL CURVE	PED POLE	PEDESTRIAN POLE	PH	PROBE
TOPOGRAPHY (DRAINAGE)		P	PROPERTY LINE	PT	PERCOLATION TEST HOLE
		POR	PORCH	RP	1 INCH SAMPLER (RETRACTABLE PLUG)
ABBR.	DESCRIPTION	RR	RAILROAD	TO BE DEFINED AT THE TIME OF EXPLORATION	
BB	BOTTOM OF BANK (STREAM)	RTE	ROUTE	SP	SEISMIC POINT
BC	BOTTOM OF CURB	ROW	RIGHT OF WAY	TP	TEST PIT
BO	BOTTOM OF OPENING	RW	RETAINING WALL	ABBREVIATION "C" IN CATEGORIES:	
CAP	CORRUGATED ALUMINUM PIPE	SH	STATE HIGHWAY	DA, DM, DN, AND FH WITH:	
CB	CATCH BASIN	SHLDR	SHOULDER	B	BRIDGE
CIP	CAST IRON PIPE	SPK	SPIKE	C	CUT
C STRM	CENTERLINE OF STREAM	ST	STREET	D	DAM
CMP	CORRUGATED METAL PIPE	STK	STAKE	F	FILL
CP	CONCRETE PIPE	STY	STORY	K	CULVERT
CSP	CORRUGATED STEEL PIPE	SW	SIDEWALK	W	WALL
CULV	CULVERT	TE	TEMPORARY EASEMENT	X	TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE
DIA	DIAMETER	TO	TEMPORARY OCCUPANCY		
DMH	DRAINAGE MANHOLE	U/G	UNDERGROUND		
DS	DRAINAGE STRUCTURE PIPE	WW	WING WALL		
D'XING	DITCH CROSSING				
EHW	EXTREME HIGH WATER				
EL	ELEVATION				
ELEV	ELEVATION				
ELW	EXTREME LOW WATER				
ES	END SECTION				
HW	HEADWALL				
INV	INVERT				
MH	MANHOLE				
MHW	MEAN HIGH WATER				
OHW	ORDINARY HIGH WATER				
OLW	ORDINARY LOW WATER				
RCP	REINFORCED CONCRETE PIPE				
SICPP	SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE				
TB	TOP OF BANK (STREAM)				
TC	TOP OF CURB				
TG	TOP OF GRATE				
VCP	VITRIFIED CLAY PIPE				

STANDARD SYMBOL (PLANS)	ITEM PAYMENT UNIT: ESTIMATE OF QUANTITIES SHEET	EQUIVALENT NOMENCLATURE: (SPECS/PROPOSAL)
"	-	INCHES
'	LF	LINEAR FEET
mi	MI	MILES
ft <sup>2</sup>	SF	SQUARE FEET
YD <sup>2</sup>	SY	SQUARE YARD
AC	AC	ACRES
YD <sup>3</sup>	CY	CUBIC YARD
GAL	GAL	GALLON
lb	LB	POUND
TON	TON	TON

INDEX		TOTAL NUMBER OF SHEETS 94
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER
1	TITLE SHEET	COVER
2	INDEX AND ABBREVIATIONS	IN-01
3 - 4	LEGEND, LINE AND POINT SYMBOLLOGY	LEG-01 TO LEG-02
5 - 7	TYPICAL SECTIONS	TS-01 TO TS-03
8	GENERAL NOTES	GN-01
9 - 13	WORK ZONE TRAFFIC CONTROL	WZTC-01 TO WZTC-5
14 - 17	SURVEY & ALIGNMENT	SA-01 TO SA-04
18	MAINTENANCE JURISDICTION	MJ-01
19 - 21	MISCELLANEOUS TABLES	MT-01 TO MT-03
22 - 27	MISCELLANEOUS DETAILS	MD-01 TO MD-06
28 - 31	CURB RAMP DETAIL	CRD-01 TO CRD-04
32 - 34	MEDIAN ISLAND LAYOUT DETAIL	MID-01 TO MID-03
35 - 36	EARTHWORK SUMMARY	ES-01 TO ES-02
37 - 47	EROSION CONTROL PLAN	EC-01 TO EC-11
48 - 58	GENERAL PLAN	PL-01 TO PL-11
59 - 60	TRAFFIC SIGNAL PLAN	TSP-01 TO TSP-02
61 - 65	LANDSCAPE DETAILS	LD-01 TO LD-05
66 - 76	LANDSCAPE PLANS	LP-01 TO LP-11
77 - 80	LANDSCAPE TABLES	LT-01 TO LT-04
81 - 94	PAVEMENT MARKING AND SIGNING	PM-01 TO PM-14

STANDARD SHEETS:

203-05, 209-01, 209-02, 209-03, 209-05, 402-01, 604-02, 608-01, 608-03, 609-03, 611-01, 619-02, 619-04, 619-10, 619-11, 619-12, 619-20, 619-21, 619-30, 619-50, 619-51, 619-60, 619-61, 619-63, 619-64, 645-01, 645-03, 646-15, 655-01, 655-03, 663-01, 663-02, 663-03, 663-04, 663-05, 663-06, 663-07, 680-02, 680-04, 680-10, 680-11, 680-14, 685-01



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1/6/2022

DATE

DATE

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

INDEX AND ABBREVIATIONS

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 2 OF 94	DRAWING NO. IN-01

ALIGNMENT			LANDSCAPE			ROADWAY			TRAFFIC WORK ZONE		
STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION		TWZBT.P	BARRIER, TEMPORARY
	AC	CONTROL (CENTERLINE)		LABL	AREA, BRUSH LINE		RCZ.P	CLEAR ZONE		TWZBTWL.P	BARRIER, TEMPORARY, W/ WARNING LIGHTS
	AD.P	DETOUR		LAHR	AREA, HEDGE ROW		RG	GUIDE RAIL, MISCELLANEOUS		TWZCD.P	CHANNELIZING DEVICE
	AT.P	TRANSITION CONTROL		LAPB	AREA, PLANTING BED		RGB	GUIDE RAIL, BOX BEAM		TWZPMRC.P	PAVEMENT MARKING REMOVAL OR COVERING
BRIDGE				LAWA	AREA, WOODED AREA OUTLINE		RGBM	GUIDE RAIL, BOX BEAM, MEDIAN	UTILITIES		
	BR	RAIL		LAWL	AREA, WATERS EDGE		RGC	GUIDE RAIL, CABLE	STYLE	NAME	DESCRIPTION
	BSHT	SHEET PILING		LCUT.P	CUT LIMIT		RGCB	GUIDE RAIL, CONCRETE BARRIER		UC	CONDUIT, UNDERGROUND
CONTROL				LFILL.P	FILL LIMIT		RGP.P	GUIDE POST		UCH	CONDUIT, HANGING
	CB	BASELINE		LFNC	FENCE		RGW	GUIDE RAIL, W BEAM		UCO	CONDUIT, OVERHEAD
	CBPR	BASELINE, PROJECTION		LTRC	TREE ROW, CONIFEROUS		RGWM	GUIDE RAIL, W BEAM, MEDIAN		UE	ELECTRIC LINE, UNDERGROUND
DRAINAGE				LTRD	TREE ROW, DECIDUOUS		RPB	PARKING BUMPER		UEH	ELECTRIC LINE, HANGING
	DCP	CULVERT PIPE		LWH	WALL, H PILE		RRC	RAIL ROAD, CATENARY		UEO	ELECTRIC LINE, OVERHEAD
	DCP.P	CULVERT PIPE (DIR)		LWR	WALL, RETAINING		RRER	RAIL ROAD, 3RD RAIL		UETO	ELECTRIC TRANSMISSION, OVERHEAD
	DDG.P	DITCH, GRASS LINED		LWS	WALL, STONE		RRPLS.P	RAIL, PHOTO, LARGE SCALE		UESS	ELECTRIC, SUBSTATIONS
	DDP.P	DITCH, PAVED INVERT	ROW MAPPING				RRPSS	RAIL, PHOTO, SMALL SCALE		UFO	FIBER OPTIC, UNDERGROUND
	DDS.P	DITCH, STONE LINED		MDL	DEED LINE		RRS	RUMBLE STRIP		UFOH	FIBER OPTIC, HANGING
	DFL.P	FLOW LINE		MEE	EASEMENT, EXISTING		RRSL.S.P	RAIL, SURVEY, LARGE SCALE		UFOO	FIBER OPTIC, OVERHEAD
	DSSD	SLOTTED DRAIN		MEP.P	EASEMENT, PERMANENT		RRSSS	RAIL, SURVEY, SMALL SCALE		UG	GAS, UNDERGROUND
	DUD.P	UNDERDRAIN		MEPA.P	EASEMENT, PERMANENT, APPROX.	SIGNS				UGH	GAS, HANGING
ENVIRONMENTAL				MET.P	EASEMENT, TEMPORARY	SIGN				UGO	GAS, OVERHEAD
	EBLHS	BALE, STRAW		META.P	EASEMENT, TEMPORARY, APPROX.		SBLB	BILLBOARDS		UTC	INFORM CABLE, UNDERGROUND
	ECT	CURTAIN, TURBIDITY		MF.P	FEE ACQUISITION, W/ ACCESS		SM	MULTIPLE POST		UICH	INFORM CABLE, HANGING
	EDMC	DAM, COFFER		MFA.P	FEE ACQUISITION, APPROXIMATE		SSO	STRUCTURE, OVERHEAD		UO	OIL LINE, UNDERGROUND
	EDMEC.P	DAM, EARTHEN CHECK		MFS.P	FEE ACQUISITION, SHAPE		SSOC	STRUCTURE, OVHD, CANTILEVER		UOH	OIL LINE, HANGING
	EDMGC.P	DAM, GRAVEL BAG/SAND BAG CHECK		MFWOA.P	FEE ACQUISITION, W/O ACCESS	STRIPING				UPBP	POLE, BRACE, PUSH BRACE
	EDMPC.P	DAM, PREFABRICATED CHECK		MHA	HISTORICAL, ACQUISITION		STB*	BROKEN LINE		UPGW	POLE, GUY WIRE
	EDMSC.P	DAM, STONE CHECK		MHB	HIGHWAY BOUNDARY		STDB*	DOUBLE BROKEN LINE		USA	SANITARY SEWER, UNDERGROUND
	EFNS	FENCE, SILT		MHBA	HIGHWAY BOUNDARY, APPROX.		STDL*	DOTTED LINE LONG		USAH	SANITARY SEWER, HANGING
	EFNSV	FENCE, SILT & VEGETATION		MHBW	HWY BOUNDARY, FACE OF WALL		STDS*	DOTTED LINE SHORT		USAF	SANITARY SEWER, FORCE MAIN, UGND
	EFNV	FENCE, VEGETATION		MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS		STFB*	FULL BARRIER LINE		USAFH	SANITARY SEWER, FORCE MAIN, HANG
	EWAA.P	WETLAND, ADJACENT AREA		MJC	JURISDICTION, CITY		STH*	HATCH LINE		UT	TELEPHONE, UNDERGROUND
	EWF	WETLAND, FEDERAL		MJCY	JURISDICTION, COUNTY		STPB*	PARTIAL BARRIER LINE		UTH	TELEPHONE, HANGING
	EWFS	WETLAND, FEDERAL & STATE		MJHD	JURISDICTION, HISTORIC DISTRICT		STRCT	ROUNDABOUT, CAT TRACKS		UTO	TELEPHONE, OVERHEAD
	EWM	WETLAND, MITIGATION AREA		MJLL	JURIS., (GREAT, MILITARY) LOT LINE		STRYL	ROUNDABOUT, YIELD LINE		UTVH	CABLE TV, HANGING
	EWS	WETLAND, STATE		MJN	JURISDICTION, NATION		STSB	STOP BAR		UTVO	CABLE TV, OVERHEAD
				MJPB	JURISDICTION, PUBLIC LANDS		STSE*	SOLID, EDGE		UUU	UNKNOWN, UNDERGROUND
				MJS	JURISDICTION, STATE		STXL	X WALK, LADDER LINE		UUH	UNKNOWN, HANGING
				MJT	JURISDICTION, TOWN		STXLB	X WALK, LADDER BAR LINE		UUO	UNKNOWN, OVERHEAD
				MJV	JURISDICTION, VILLAGE	* = W (WHITE) OR Y (YELLOW)				UW	WATER LINE, UNDERGROUND
				MPL	PROPERTY LOT LINE	TRAFFIC CONTROL				UWH	WATER LINE, HANGING
				MPLA	PROPERTY LOT LINE, APPROX.		TCSW	SIGNAL, SPAN WIRE		UWO	WATER LINE, OVERHEAD
				MSL	SUB LOT LINE						

1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.
4. PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.015 in ON B SIZE DRAWINGS).
5. MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS.
6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

LEGEND  
LINE SYMBOLOGY

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 3 OF 94	DRAWING NO. LEG-01

ALIGNMENT			DRAINAGE			ITS			ROW MAPPING			SIGNS			UTILITIES		
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION
	ACC	CENTER OF CURVATURE		DINV	INVERT		IANT P	ANTENNAS		MDL1P	DEED LINE, TYPE 1		S	SINGLE POST		UEB	ELECTRIC, BOX
	ACOGO	COGO		DS	STRUCTURE, RECTANGULAR		IASCTS	ACCOU. SPEED/COUNT SNSR.S		MDL2P	DEED LINE, TYPE 2		S.P	SINGLE POST, PROPOSED		UEM	ELECTRIC, METER
	ACS	CURVE TO SPIRAL		DSI	STRUCTURE, INVERT		ICABPAD	CABINET & PAD		MDL3P	DEED LINE, TYPE 3		SB.P	BACK TO BACK, PROPOSED		UEMH	ELECTRIC, MANHOLE
	ADPL.P	DETOUR, POINT OF INTERSECT.		DSM	STRUCTURE, MANHOLE		ICCTV	CCTV SITE		MDL4P	DEED LINE, TYPE 4		SDEL	DELINEATORS		UEPT	ELECTRIC, POLE, TRANS.
	ADPL.P	DETOUR, POINT ON LINE		DSMTXX.P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96		ICDPD	CDPD TRANSCEIVER		MDL5P	DEED LINE, TYPE 5		SPM	PARKING METER		UGM	GAS, METER
	AEQN	EQUATION		DSR	STRUCTURE, ROUND		ICELLT	CELL PHONE TOWER		MEEP	EASEMENT, EXISTING		SRM	REFERENCE MARKERS		UGMH	GAS, MANHOLE
	AEQNAHD	EQUATION AHEAD		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICJB	CONDUIT JACK OR BORING		MEPAP.P	EASEMENT, PERM., APPROX.		SRSC3	SHLD, CTY, 123 DIG.		UGLM	GAS, LINE MARKER
	AEQNBK	EQUATION BACK		DST"X" P	STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U		ICNTLCAB	CONTROLLER CABINET		MEPP.P	EASEMENT, PERM., BACK LINE		SRSC4	SHLD, CTY, 4 DIG.		UGP	GAS/FUEL PUMP
	AEVT	EVENT STATION					ICPB	COMMUNICATION PULL BOX		MEPSP.P	EASEMENT, PERM., SHAPE		SRSC2T	SHLD, CTY TOUR, 1-2 DIG.		UGV	GAS, VALVE
	APC	POINT OF CURVATURE					ICTD	CONDUIT TURNING DOWN		MFAP.P	FEE ACQUISITION, APPROX.		SRSC4T	SHLD, CTY TOUR, 3-4 DIG.		UGVT	GAS, VENT
	APCC	POINT OF COMPOUND CURVATURE					ICTU	CONDUIT TURNING UP		MFP.P	FEE ACQUISITION, BACK LINE		SRSI	SHLD, INTERSTATE		ULP	LIGHTING, POLE
	API	POINT OF INTERSECTION	ENVIRONMENTAL				ICVTRT	COMM. VEH. ROAD TRANSCEIVER		MFSP.P	FEE ACQUISITION, SHAPE		SRSN2	SHLD, NATIONAL, 2 DIG.		ULPM	LIGHTING, POLE, MEDIAN
	APOB	POINT OF BEGINNING					IDEFAULT	DEFAULT		MHBAP	HIGHWAY BNDRY., APPROX.		SRSN3	SHLD, NATIONAL, 3 DIG.		ULPP	LIGHTING, POLE, PED.
	APOC	POINT OF CURVATURE		EIOP.P	STR., INLET, OUTLET PROT.		IEZR	E-ZPASS READER		MHBCP	HISTORICAL, BLDG. CORNERS		SRSS2	SHLD, STATE, 2 DIG.		UMFC	MISC. FILLER CAP
	APOE	POINT OF END		EIPGB.P	STR., INLET PROT., GRAVEL BAG		IEZTR	TRANSMITTAL READER		MHBP	HIGHWAY BNDRY, PT.		SRSS3	SHLD, STATE, 3 DIG.		UOLM	OIL, LINE MARKER
	APOL	POINT ON LINE		EIPHS.P	STR., INLET PROT., HAY/STRAW		IFOXCAB	FIBER OPTIC X-CONNECT CABINET		MJCP	PT., JURIS. CITY		SRSS4	SHLD, STATE, 4 DIG.		UP	POLE, WITH UTILITY
	APOS	POINT ON SPIRAL		EIPP.P	STR., INLET PROT., PREFAB.		IFUSSPL	FUSION SPLICE		MPBC	PT., BUILDING CORNER	TRAFFIC CONTROL				UPD	POLE, DEAD (NO UTILITY)
	APOT	POINT ON TANGENT		EIPSF.P	STR., INLET PROT., SILT FENCE		IHARADV	HAR ADVISORY SIGN		MPCC	PT., CROSS CUT					UPL	POLE, WITH LIGHT
	APOVC	POINT ON VERTICAL CURVE		EIPSF.P	STR., INLET PROT., SILT FENCE		IHARST	HAR SITE		MPDH	PT., DRILL HOLE		TCBJ	BOX, JUNCTION		USMH	SANITARY SEWER MANHOLE
	APOVT	POINT ON VERTICAL TANGENT		ERCB	RISER, CONCRETE BOX		ILC	LOAD CENTER		MPF	PT., FENCE LOCATION		TCBP	BOX, PULL BOX		UTB	TELEPHONE, BOOTH
	APORC	POINT ON REVERSE CURVE		ETRS.P	TRAP, SEDIMENT		ILC	LOAD CENTER		MPF	PT., FENCE LOCATION		TCBS	BOX, SPLICE		UTLM	TELEPHONE, LINE MARKER
	APT	POINT OF TANGENCY		EWFG	WETLAND FLAG		IMECSPL	MECHANICAL SPLICE		MPIP	PT., IRON PIPE		TCMC	MICROCOMPUTER CABINET		UTMH	TELEPHONE, MANHOLE
	APVC	POINT OF VERTICAL CURVATURE	GEOTECHNICAL				IMSCS	PORT. SPEED & COUNT SENSOR		MPIR	PT., IRON ROD		TCPP	PED POLE		UTVLM	CABLE TV, LINE MARKER
	APVCC	POINT OF VERT. CMPND CURVE					IMSCS	PORT. SPEED & COUNT SENSOR		IMPM	PT., MONUMENT, MISC.		TCSP	SIGNAL POLE		UTVPB	CABLE TV, PULL BOX
	APVI	POINT OF VERT. INTERSECTION		GDH	DRILL HOLE		IPASCS	PORT. ACCOU. SPD & CNT. SENSOR		MPN	PT., NAIL	TRAFFIC WORK ZONE				UJB	UNKNOWN, BOX
	APVRC	POINT OF VERT. REVERSE CURVE		IPEDS	PEDESTRIAN SIGNAL HEAD		IPSS	PAVEMENT SURFACE SENSOR		MPRS	PT., RAILROAD SPIKE					UJB	UNKNOWN, JUNCTION BOX
	APVT	POINT OF VERTICAL TANGENCY	LANDSCAPE				IPVMS	PERM. VMS		MPSP	PT., SPIKE		UJB	UNKNOWN, MANHOLE			
	ASC	SPIRAL TO CURVE					IRWIS	RDWY WEATHER INFO. SENSOR		MPST	PT., STAKE		UJB	UNKNOWN, PULL BOX			
	ASPI	SPIRAL POINT OF INTERSECTION		LFP	FLAG POLE		MPTW	PT., TREE W/ WIRE		UJB	UNKNOWN, VALVE						
	ASTS	SPIRAL TO SPIRAL		LMB	MAILBOX		MPWL	PT., WALL LOCATION	ROW ACQUISITION				UJB	UNKNOWN, VENT			
	AST	SPIRAL TO TANGENT		LPB	PAPER BOX		MFS.P.T	FEE ACQUISITION					UJB	UNKNOWN, WELL			
	ATS	TANGENT TO SPIRAL		LPST	POST, SINGLE		MEPS.P.T	EASEMENT, PERMANENT		UJB	UNKNOWN, WATER, FIRE HYDRANT						
	AVEVT	VERTICAL EVENT POINT		LRB	ROCK, BOULDER		METS.P.T	EASEMENT, TEMPORARY		UJB	UNKNOWN, WATER, METER						
	AVHIGH	VERTICAL HIGH POINT		LSHC	SHRUB, CONIFEROUS		METS.P.T	EASEMENT, TEMPORARY		UJB	UNKNOWN, WATER, MANHOLE						
	AVLOW	VERTICAL LOW POINT		LSHD	SHRUB, DECIDUOUS		METS.P.T	EASEMENT, TEMPORARY		UJB	UNKNOWN, WATER, VALVE						
BRIDGE				LTC	TREE, CONIFEROUS		METS.P.T	EASEMENT, TEMPORARY		UJB	UNKNOWN, WATER, WELL						
				LTD	TREE, DECIDUOUS		METS.P.T	EASEMENT, TEMPORARY		UJB	UNKNOWN, WATER, WELL						
	BSC	BRIDGE, SCUPPER		LTS	TREE, STUMP		METS.P.T	EASEMENT, TEMPORARY		UJB	UNKNOWN, WATER, WELL						
CONTROL				LTW P	TREE, WELL OR WALL		METS.P.T	EASEMENT, TEMPORARY		UJB	UNKNOWN, WATER, WELL						
				LUKP	UNKNOWN POINT		METS.P.T	EASEMENT, TEMPORARY		UJB	UNKNOWN, WATER, WELL						
	CBP	BASELINE, POINT	1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).  2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).  3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.  4. PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.015 in ON R SIZE DRAWINGS).														
	CBPOL	BASELINE, POINT ON LINE															
	CBSP	BASELINE, SPUR POINT															
	CBTP	BASELINE, TIE POINT															
	CPBM	BENCHMARK															
	CPH	POINT, HORIZ. PHOTOGRAMMETRY															
	CPSM	POINT, SURVEY MARKER, PERM.															
	CPSV	POINT, VERT., PHOTOGRAMMETRY															

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

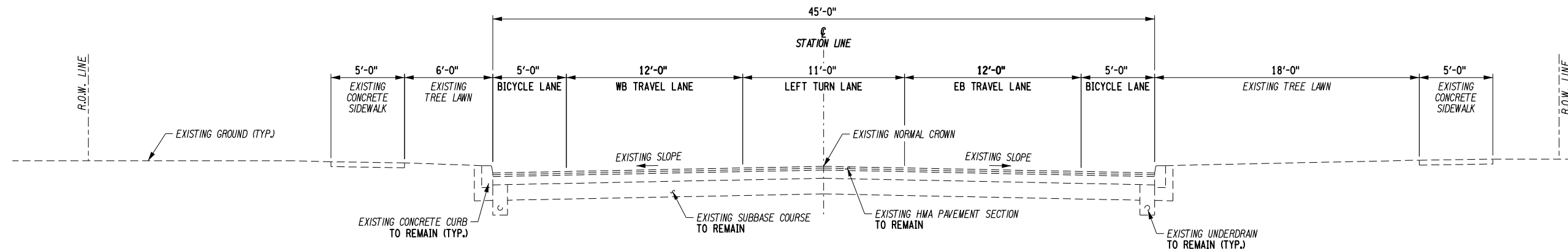
LAKE SHORE DRIVE

DRAWING TITLE

LEGEND  
POINT SYMBOLOGY

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 4 OF 94	DRAWING NO. LEG-02





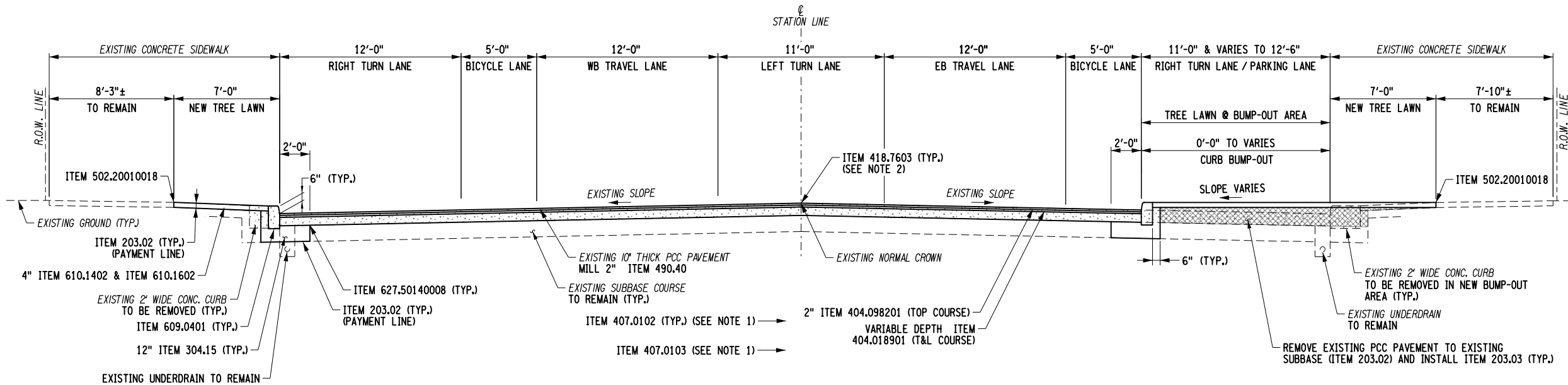
### LAKE SHORE DRIVE - TYPICAL EXISTING SECTION

NOTES	
1.	TACK COAT (ITEM 407.0102) SHALL BE APPLIED BETWEEN ALL HOT MIX ASPHALT LIFTS BETWEEN THE TOP & BINDER PAVEMENT COURSES AND BETWEEN THE BINDER PAVEMENT COURSE & CONCRETE BASE.
2.	ASPHALT PAVEMENT JOINT ADHESIVE (418.7603) SHALL BE USED ON ALL VERTICAL FACES FOR ALL THE JOINTS ON THE TOP COURSE SUCH AS LONGITUDINAL, TRANSVERSE, CURBS, OR OTHER JOINTS BUTTING AGAINST THE NEW HMA PAVEMENT.
3.	SEE NYSDOT STANDARD SHEET 609-03 FOR TYPE VF150 CURB DETAIL.
4.	CONCRETE BASE DEPTH SHALL MATCH EXISTING BASE DEPTH.
5.	EXCAVATION DEPTH VARIES AS REQUIRED TO INSTALL PLANT ROOT BALL. REFER TO LANDSCAPE DRAWINGS FOR DETAILS.
6.	ALL CURBS SHALL BE VERTICAL FACED.

SCALE SCALE	DATE NOVEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 5 OF 94	DRAWING NO. TS-01

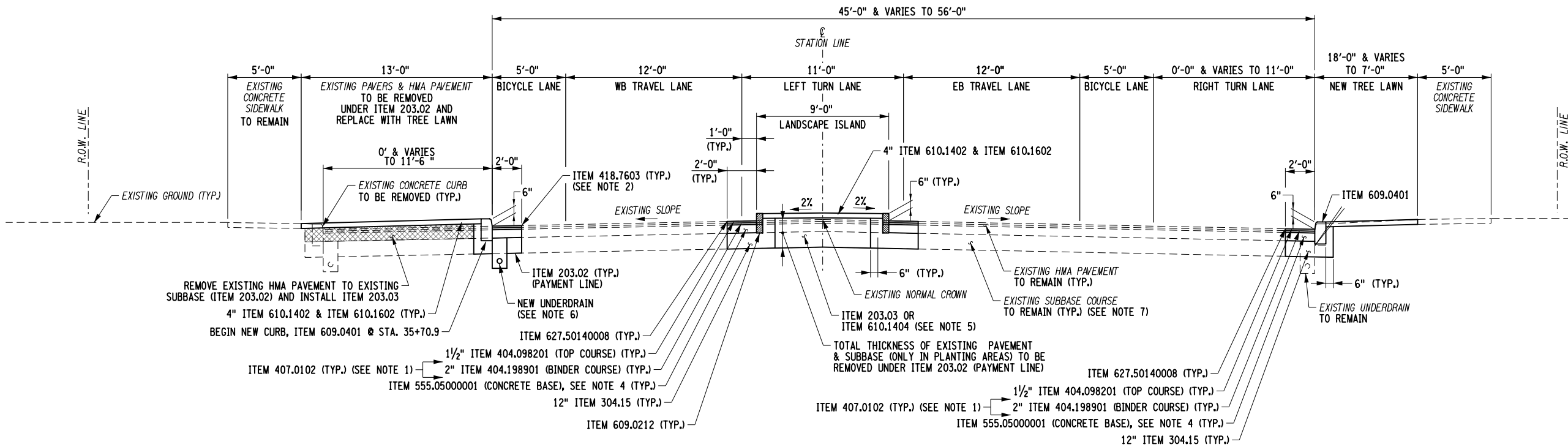
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DESIGN SUPERVISOR W. McCORMICK JOB MANAGER P. PRESUTTI CHECKED BY A. BLACKMON ESTIMATED BY A. BLACKMON DRAFTED BY S. BEAMAN CHECKED BY A. BLACKMON



LAKE SHORE DRIVE - AT CENTRAL AVENUE SECTION

STA. 38+38.0 TO STA. 39+59.0  
1/4" = 1'-0"



LAKE SHORE DRIVE - TYPICAL PAVEMENT & MEDIAN SECTION

STA. 35+70.9 TO STA. 38+38.0  
1/4" = 1'-0"

ITEM NO.	DESCRIPTION	UNIT	ITEM NO.	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
203.03	EMBANKMENT IN PLACE	CY	609.0212	STONE CURB, NEAR VERTICAL FACE (NVF)	LF
304.15	SUBBASE COURSE, OPTIONAL TYPE	CY	609.0401	CAST-IN-PLACE CONCRETE CURB, TYPE VF150	LF
404.018901	TRUING & LEVELING F9, WMA, 80 SERIES COMPACTION	TON	610.1402	TOPSOIL - ROADSIDE	CY
404.098201	9.5 F2 TOP COURSE WMA, 80 SERIES COMPACTION	TON	610.1404	TOPSOIL - SPECIAL PLANTING MIX	CY
404.198901	19 F9 BINDER COURSE WMA, 80 SERIES COMPACTION	TON	610.1602	TURF ESTABLISHMENT - LAWNS	SY
407.0102	DILUTED TACK COAT	GAL	627.50140008	CUTTING PAVEMENT	LF
407.0103	STRAIGHT TACK COAT	GAL			
418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	LF			
490.40	MISCELLANEOUS COLD MILLING PORTLAND CEMENT CONCRETE	LF			
502.20010018	FULL DEPTH PORTLAND CEMENT CONCRETE SAW CUTS	CY			
555.05000001	CLASS D CONCRETE FOR SPECIAL APPLICATIONS				

- NOTES
- TACK COAT (ITEM 407.0102) SHALL BE APPLIED BETWEEN ALL HOT MIX ASPHALT COURSES AND BETWEEN BINDER PAVEMENT COURSE & CONCRETE BASE. (ITEM 407.0103) SHALL BE APPLIED BETWEEN 6.3MM HMA AND MILLED CONCRETE BASE.
  - ASPHALT PAVEMENT JOINT ADHESIVE (418.7603) SHALL BE USED ON ALL VERTICAL FACES FOR ALL THE JOINTS ON THE TOP COURSE SUCH AS LONGITUDINAL, TRANSVERSE, CURBS, OR OTHER JOINTS BUTTING AGAINST THE NEW HMA PAVEMENT.
  - SEE NYSDOT STANDARD SHEET 609-03 FOR TYPE VF150 CURB DETAIL.
  - CONCRETE BASE DEPTH SHALL MATCH EXISTING BASE DEPTH.
  - EXCAVATION DEPTH VARIES AS REQUIRED TO INSTALL PLANT ROOT BALL. REFER TO LANDSCAPE DRAWINGS FOR DETAILS.
  - SEE DWG. NO. TS-3 FOR UNDERDRAIN DETAIL.
  - GRADING OF EXISTING SUBBASE MATERIAL TO BE INCLUDED IN THE COST OF PAVING ITEMS.
  - ALL CURBS SHALL BE VERTICAL FACED.

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1/6/2022

DATE DATE

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NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

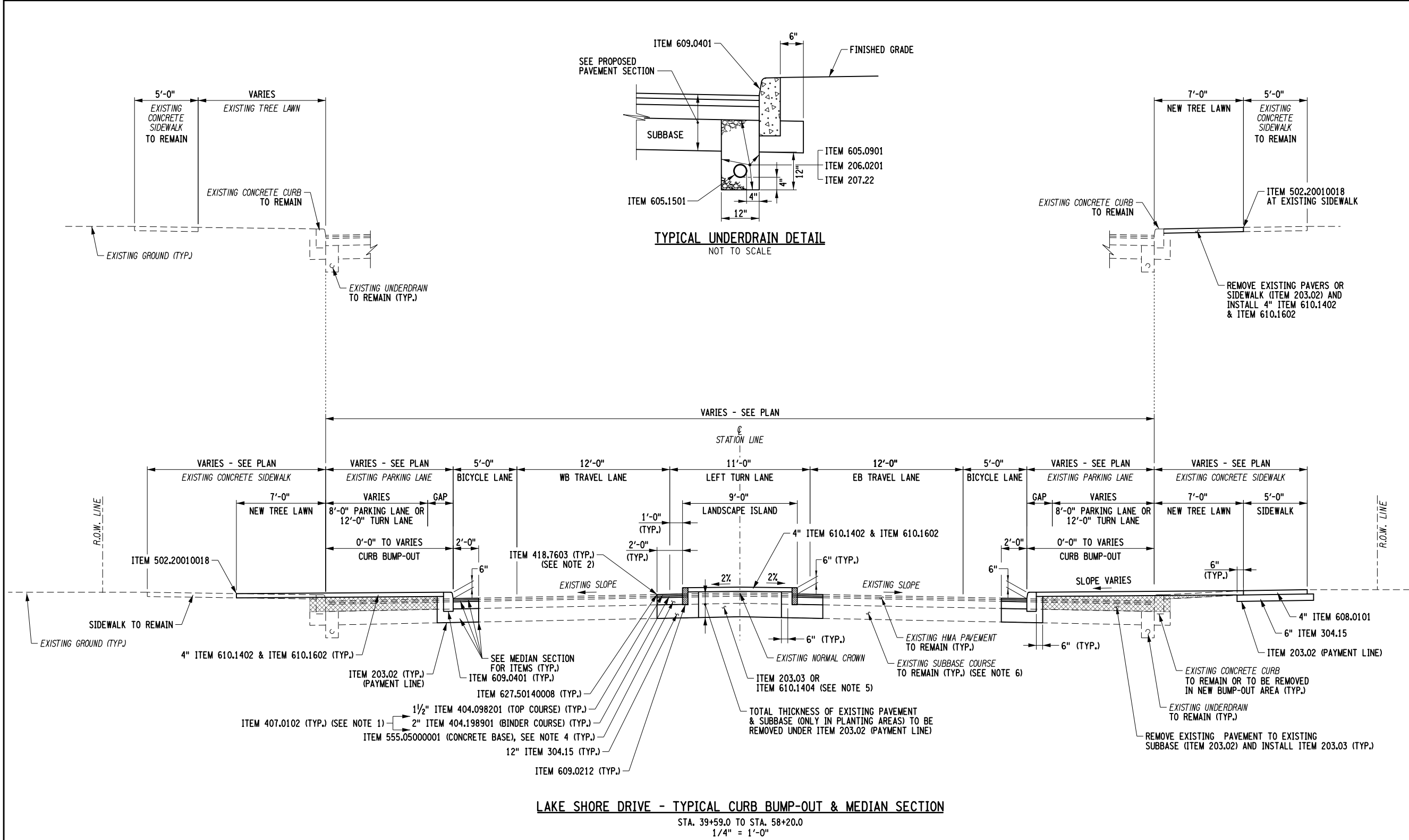
TYPICAL SECTION

SCALE	DATE
SCALE	NOVEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 6 OF 94	DRAWING NO. TS-02



FILE NAME = N:\19643-00-LakeShore\Drawings\ConstP\anTyp\ica\19643.TS-1 thru XX.dgn  
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USER = W11sda

DESIGN SUPERVISOR W. McCORMICK JOB MANAGER P. PRESUTTI CHECKED BY A. BLACKMON ESTIMATED BY A. BLACKMON DRAFTED BY S. BEAMAN CHECKED BY A. BLACKMON



ITEM NO.	DESCRIPTION	UNIT	ITEM NO.	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
203.03	EMBANKMENT IN PLACE	CY	609.0212	STONE CURB, NEAR VERTICAL FACE (NVF)	LF
206.0201	TRENCH AND CULVERT EXCAVATION	CY	609.0401	CAST-IN-PLACE CONCRETE CURB, TYPE VF150	LF
207.22	GEOTEXTILE DRAINAGE	SY	610.1402	TOPSOIL - ROADSIDE	CY
304.15	SUBBASE COURSE, OPTIONAL TYPE	CY	610.1404	TOPSOIL - SPECIAL PLANTING MIX	CY
404.098201	9.5 F2 TOP COURSE WMA, 80 SERIES COMPACTION	TON	610.1602	TURF ESTABLISHMENT - LAWNS	SY
404.198901	19 F9 BINDER COURSE WMA, 80 SERIES COMPACTION	TON	627.50140008	CUTTING PAVEMENT	LF
407.0102	DILUTED TACK COAT	GAL			
418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	LF			
502.20010018	FULL DEPTH PORTLAND CEMENT CONCRETE SAW CUTS	LF			
555.05000001	CLASS D CONCRETE FOR SPECIAL APPLICATIONS	CY			
605.1501	PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, 4-INCH DIA.	LF			
605.0901	UNDERDRAIN FILTER TYPE 1	CY			

- NOTES
- TACK COAT (ITEM 407.0102) SHALL BE APPLIED BETWEEN ALL HOT MIX ASPHALT LIFTS BETWEEN THE TOP & BINDER PAVEMENT COURSES AND BETWEEN THE BINDER PAVEMENT COURSE & CONCRETE BASE.
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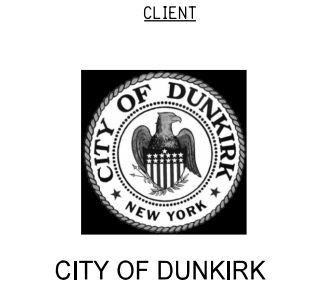
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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

TYPICAL SECTION

SCALE	DATE
SCALE	NOVEMBER 2021
P.I.N.	FEDERAL AID PROJECT NO.
5763.53	
SHEET NO.	DRAWING NO.
7 OF 94	TS-03

GENERAL NOTES:

1. ANY AREA OF ROADWAY THAT IS OPEN TO TRAFFIC SHALL BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
2. ROADWAY AND ROADSIDE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES.
3. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED UPON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. THEREFORE, THE EXACT EXTENT OF PROPOSED WORK MAY NOT ALWAYS BE ACCURATELY DEPICTED; ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.
4. DETAILS ON THE DRAWINGS LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS FOR WHICH NO SCALE IS SHOWN ARE DRAWN PROPORTIONAL AND ARE FULLY DIMENSIONED.
5. EXCEPT WHERE INDICATED IN THE PLANS, TURF ESTABLISHMENT FOR DISTURBED AREAS FROM ANY OF THE CONTRACTOR'S OPERATIONS WILL NOT BE PAID FOR AS A SEPARATE PAYMENT. RESTORATION OF DISTURBED AREAS SHALL BE PERFORMED AS SPECIFIED UNDER SECTION 107-08 OF THE STANDARD SPECIFICATIONS, PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICES BID FOR THE VARIOUS ITEMS IN THE CONTRACT.
6. IF, DURING EXCAVATION AT ANY LOCATION, SIGNS OF CONTAMINATION ARE ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK AND NOTIFY THE ENGINEER. SIGNS OF CONTAMINATION INCLUDE, BUT NOT LIMITED TO: ODOR, OILY SHEEN, SLUDGE, SOIL STAINING AND UNUSUAL FILL MATERIAL OR UNDERGROUND IMPEDIMENTS. THE ENGINEER SHALL IMMEDIATELY NOTIFY THE NYSDOT CONSTRUCTION ENVIRONMENTAL COORDINATOR.
7. THE NORTHERN LONG EARED BAT (MYOTIS SEPTENTRIONALIS) IS LISTED AS A FEDERALLY THREATENED SPECIES STATEWIDE. THIS PROJECT IS NOT ANTICIPATED TO INVOLVE THE REMOVAL OF TREES GREATER THAN THREE (3) INCHES IN DIAMETER (DIAMETER BREAST HEIGHT (DBH)). IF PROJECT CONDITIONS CHANGE AND TREE REMOVALS ARE NECESSARY, WHETHER UNDER CLEARING AND GRUBBING OR TREE REMOVALS, THE ENGINEER MUST BE NOTIFIED PRIOR TO THE START OF ANY TREE REMOVAL. TREE REMOVALS WILL BE ALLOWED ONLY AFTER COORDINATION AND APPROVAL BY THE ENGINEER IN CONSULTATION WITH THE NYSDOT CONSTRUCTION ENVIRONMENTAL COORDINATOR.

UTILITY QUALITY LEVEL DEFINITIONS

1. QUALITY LEVEL A (QLA):  
  
QUALITY LEVEL A IS THE HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITY FACILITIES) OF SUBSURFACE UTILITIES, USING (TYPICALLY) MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO DETERMINE THEIR PRECISE HORIZONTAL AND VERTICAL POSITIONS, AS WELL AS THEIR OTHER UTILITY FACILITY ATTRIBUTES. (SHOWN AS QLA)
2. QUALITY LEVEL B (QLB):  
  
QUALITY LEVEL BIS THE SECOND HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS (I.E., UNDERGROUND CAMERAS, RADAR, SONAR, TONE OUTS, ETC.) TO IDENTIFY THE EXISTENCE AND APPROPRIATE HORIZONTAL POSITION OF SUBSURFACE UTILITY FACILITIES. QUALITY LEVEL B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THE INFORMATION WAS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO THE PLANS. NO EXCAVATIONS WERE PERFORMED. (SHOWN AS QLB)
3. QUALITY LEVEL C (QLC):  
  
QUALITY LEVEL C IS THE THIRD HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION. (SHOWN AS QLC)
4. QUALITY LEVEL D (QLD):  
  
QUALITY LEVEL DIS THE LOWEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS WAS DERIVED SOLELY FROM EXISTING NYSDOT AND/OR UTILITY COMPANY RECORDS OR RECOLLECTIONS. (SHOWN AS QLD)

PAVING NOTES:

1. STANDARD SPECIFICATION 619.3.02(A) SHALL APPLY TO ALL TEMPORARY TRAFFIC CONTROL ASSOCIATED WITH MILLED SURFACES DURING THIS CONTRACT.
2. THE CONTRACTOR SHALL NOT LEAVE THE MILLED OR GROOVED PAVEMENT EXPOSED TO TRAFFIC FOR MORE THAN 14 CALENDAR DAYS BEFORE PAVING THE HMA TOP COURSE. LIQUIDATED DAMAGES SHALL BE ASSESSED ON THE CONTRACTOR IN ACCORDANCE WITH SECTION 108-03B AND TABLE 108-1 OF THE NYSDOT STANDARD SPECIFICATIONS, UNTIL SUCH TIME AS THE TOP COURSE HAS BEEN PAVED, IF A SEGMENT OF ROADWAY TAKES MORE THAN ONE DAY TO MILL, TIME SHALL BE MEASURED FROM THE FIRST DAY OF THE MILLING OPERATION.
3. TRANSVERSE JOINTS CREATED AT THE END OF EACH WORKING DAY AT THE COMPLETION OF PAVING TOP COURSE SHALL BE SAWCUT TO A VERTICAL EDGE, IN ORDER TO REMOVE THE ROLLED MATERIAL, PRIOR TO RESUMING PLACEMENT OF TOP COURSE. SEE STANDARD SPECIFICATION 619-3.02(A). SAWCUT SHALL BE INCLUDED IN PRICE BID FOR THE TOP COURSE ITEM.
4. PAVING OPERATIONS AT THE END OF THE WORKDAY SHALL BE FROM EDGE OF SHOULDER TO EDGE OF SHOULDER OR CURBLINE TO CURBLINE, LEAVING NO RAISED LONGITUDINAL JOINTS.
5. ALL PAVING OR SHOULDER MATERIAL SHALL BE INSTALLED IN THE DIRECTION OF FLOW OF TRAFFIC. TRUCKS HAULING MATERIAL FOR A GIVEN OPERATION SHALL PROCEED TO THE PLACEMENT EQUIPMENT WITH THE FLOW OF TRAFFIC.
6. ASPHALT JOINTS SHALL NOT BE ALLOWED IN ANY WHEEL PATH. THROUGHOUT THE PAVEMENT LENGTH, THE TOP COURSE SHALL BE MONOLITHICALLY PLACED OVER THE TRAVEL LANE AND CURB OFFSET UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
7. CARE SHALL BE EXERCISED DURING MILLING, SWEEPING AND/OR PAVING OPERATIONS TO PREVENT MILLED MATERIAL AND/OR HOT MIX ASPHALT MATERIAL FROM ENTERING DRAINAGE INLETS. SHOULD ANY OF THESE MATERIALS ENTER THE DRAINAGE STRUCTURE, THE CONTRACTOR SHALL REMOVE THESE MATERIALS AT NO ADDITIONAL COST TO THE STATE.

RIGHT OF WAY NOTES:

1. ALL WORK TO BE PERFORMED UNDER THIS CONTRACT WILL BE WITHIN THE PUBLIC RIGHT-OF-WAY (ROW) IN ACCORDANCE WITH SECTION 105-15 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR IS TO ASSURE HIMSELF THAT ALL WORK IS BEING PERFORMED WITHIN THE ROW, INCLUDING BUT NOT LIMITED TO VEHICLE ACCESS; STORAGE OF EQUIPMENT, MATERIALS, DEBRIS AND WASTE; LANDSCAPING; VEGETATION REMOVAL AND MANAGEMENT; GRADING, SEEDING AND THE INSTALLATION OF TURF; AND THE INSTALLATION OF ANY FENCES OR PROTECTIVE BARRIER.
2. IF CONTRACTOR IS UNABLE TO IDENTIFY THE LIMITS OF THE RIGHTS-OF-WAY WHEN THE CONTRACT CALLS FOR WORK IN THOSE VICINITIES, THE CONTRACTOR MUST CONTACT THE PROJECT ENGINEER FOR DEFINITIVE BOUNDARY DETERMINATIONS BEFORE ANY WORK MAY BE INITIATED AT THOSE LOCATIONS (STANDARD SPECIFICATIONS SECTION 105-10 AND 625).
3. IN ACCORDANCE WITH SECTION 105-15 OF THE STANDARD SPECIFICATIONS, RELEASES FOR ANY NON-ESSENTIAL CONTRACT WORK OUTSIDE OF THE EXISTING RIGHTS-OF-WAY, INCLUDING PLANTINGS, LANDSCAPING OR DRIVEWAY ENHANCEMENT, WILL BE PROVIDED BY THE PROJECT ENGINEER AND IN NO INSTANCE ARE TO BE SECURED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT INVADE UPON PRIVATE PROPERTIES, LANDS OR BUILDINGS OUTSIDE OF THE RIGHTS-OF-WAY FOR ANY REASON WITHOUT FIRST SECURING WRITTEN PERMISSION FROM THE PROPERTY OWNER (STANDARD SPECIFICATIONS SECTION 105-15).
4. THE CONTRACTOR WILL BE HELD LIABLE FOR ANY DAMAGES DONE, ANY SUCH INJURIES OR DAMAGES SHALL BE SATISFACTORILY REPAIRED OR ITEMS REPLACED AT THE CONTRACTOR'S EXPENSE (STANDARD SPECIFICATIONS SECTIONS 107-08).

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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

GENERAL NOTES

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 8 OF 94	DRAWING NO. GN-01



GENERAL NOTES

- THE CONTRACTOR SHALL MAINTAIN TRAFFIC THROUGHOUT THE LENGTH OF THE CONTRACT IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 619 OF THE CURRENT NYSDOT STANDARD SPECIFICATIONS, THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE NEW YORK STATE SUPPLEMENT TO THE NATIONAL MUTCD, THE WORK ZONE TRAFFIC CONTROL DETAILS IN THE PLANS AND PROPOSAL OF THIS CONTRACT, AND AS DIRECTED BY THE ENGINEER (ADBE).
- FOR TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES IN CONSTRUCTION AREAS NOT SPECIFIED IN THE PLANS, THE PROVISIONS OF PART 6 OF THE MUTCD SHALL APPLY. THE STANDARDS OF APPLICATION NOTED THEREIN AND ON THE PLANS ARE TO BE CONSIDERED MINIMUM STANDARDS.
- PRIOR TO THE START OF ANY WORK OPERATIONS, ALL RELATED WORK FOR PROPOSED WORK ZONE TRAFFIC CONTROL, ADBE, SHALL BE COMPLETE. THIS INCLUDES BUT IS NOT LIMITED TO, ALL SIGNS, SIGNALS, PAVEMENT MARKINGS, BARRIERS, DELINEATION (CONES, DRUMS, ETC.), FLAGGERS, PAVEMENT MODIFICATIONS, AND ANY OTHER RELATED WORK.
- THE TRAFFIC CONTROL PLANS SHOWN ARE TO BE CONSIDERED MINIMUM REQUIREMENTS. ADDITIONAL SIGNS AND/ OR TRAFFIC CONTROL DEVICES MAY BE REQUIRED AS DETERMINED BY THE ENGINEER, COST TO BE INCLUDED IN THE PRICE BID FOR THE APPROPRIATE ITEMS.
- IF AT ANY TIME THE ENGINEER DETERMINES THAT TRAFFIC IS NOT BEING PROPERLY MAINTAINED WITHIN A WORK ZONE, THE CONTRACTOR SHALL IMMEDIATELY CORRECT THE INDICATED DEFICIENCY, ADBE.
- TRAFFIC CONTROL DEVICES SHALL BE KEPT IN PROPER POSITION, CLEAN, AND LEGIBLE, REGARDLESS OF VARYING CONDITIONS.
- WEEDS, SHRUBBERY, CONSTRUCTION MATERIALS, EQUIPMENT, VEHICLES OR WORKERS SHALL NOT OBSCURE TRAFFIC CONTROL DEVICES OR OBSTRUCT TRAFFIC. THE CONTRACTOR SHALL BE REQUIRED TO TRIM ANY FOLIAGE OBSTRUCTING THE VISIBILITY OF ANY TRAFFIC CONTROL DEVICES WHETHER PERMANENT, TEMPORARY OR CONSTRUCTION, ADBE. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.
- ALL ROADWAY SURFACES ARE TO BE KEPT CLEAR OF MUD AND DEBRIS AT ALL TIMES.
- THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL FIVE (5) WORKING DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE BASIC CONCEPT OF THE TRAFFIC CONTROL PLAN. SUCH CONCEPTUAL CHANGES MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL THIRTY (30) WORKING DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.
- THE CONTRACTOR SHALL MAINTAIN THE PROJECT AREA AND ALL SURFACE DRAINAGE FEATURES IN A MANNER TO PROVIDE POSITIVE DRAINAGE AT ALL TIMES.
- CONTRACTOR MUST MAINTAIN ONE SIDEWALK IN BOTH EAST-WEST AND NORTH-SOUTH DIRECTIONS AT ALL TIMES.
- FOR ADVANCE SIGNING ON ALL APPROACHES, REFER TO DWG. NO. WZ-3.
- CONTRACTOR MUST MAINTAIN ACCESS TO ADJACENT PROPERTIES. CONTRACTOR WILL COORDINATE WITH PROPERTY OWNERS.
- ALL WORK REQUIRED BY THESE NOTES AND THE WORK ZONE TRAFFIC CONTROL PLANS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 BASIC WORK ZONE TRAFFIC CONTROL UNLESS OTHERWISE STATED.
- THE LUMP SUM PRICE BID FOR ITEM 619.01 BASIC WORK ZONE TRAFFIC CONTROL SHALL INCLUDE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY TO ADEQUATELY AND SAFELY MAINTAIN AND PROTECT TRAFFIC EXCEPT AS PROVIDED IN SEPARATE PAYMENT ITEMS IN THE PROPOSAL.
- FLASHING WARNING LIGHTS MOUNTED ON BARRICADES OR OTHER CHANNELIZING DEVICES SHALL BE A STEADY BURN, LOW INTENSITY LIGHT EXCEPT FOR THE FIRST TWO IN THE SERIES WHICH SHALL BE HIGH INTENSITY FLASHING LIGHTS. PLASTIC DRUMS OR TYPE III BARRICADES MAY BE PLACED ALONG PAVEMENT TAPERS. REFER TO NYSDOT STANDARD SHEET 619-02 AND FOR TYPE III BARRICADES WITH WARNING LIGHTS.
- THE CONTRACTOR SHALL SCHEDULE THEIR CONSTRUCTION OPERATIONS IN A MANNER SO AS TO MINIMIZE THE LENGTH OF TIME THAT NORMAL TRAFFIC FLOWS ARE DISTURBED.
- THE CONTRACTOR SHALL USE STEEL PLATES, TEMPORARY PAVEMENT, CONES, BARRELS, BARRICADES AND PROTECTIVE FENCING AS NECESSARY AND AS ORDERED BY THE RESIDENT ENGINEER TO PROTECT AND MAINTAIN BOTH PEDESTRIAN AND TRAFFIC FLOW WITHIN THE PROJECT AREA.
- ALL EXISTING TRAFFIC SIGNAL/BEACON EQUIPMENT WITHIN THE CONTRACT LIMITS SHALL BE MAINTAINED IN WORKING ORDER FOR THE DURATION OF THIS CONTRACT. PAYMENT SHALL BE INCLUDED UNDER ITEM 619.01.
- ALL WORK ZONE TRAFFIC CONTROL SHALL BE PLACED WITHIN THE EXISTING RIGHT OF WAY.

WORK AREA

- WORK OPERATIONS SHALL BE CONTAINED WITHIN EACH DESIGNATED WORK AREA.
- THE CONTRACTOR SHALL COORDINATE ANY WORK WITH OTHER CONTRACTORS, UTILITY COMPANIES, OR MUNICIPALITIES IN ORDER TO ENSURE PROPER WORK ZONE TRAFFIC CONTROL IS MAINTAINED.
- WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP OR ARE IN CLOSE PROXIMITY AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL ENSURE THERE IS NO CONFLICTING SIGNAGE AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS. WORK AREAS ARE DEFINED AS AN AREA IN WHICH TRAFFIC IS RESTRICTED BECAUSE OF CONSTRUCTION ACTIVITIES OR WHICH INVOLVES A DROP-OFF GREATER THAN 4' ADJACENT TO THE EDGE OF PAVEMENT. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY.

CONSTRUCTION VEHICLES AND EQUIPMENT

- VEHICLES OR EQUIPMENT BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL NOT BE PARKED WITHIN THE CLEAR ZONE, ON THE PAVEMENT OR SHOULDERS ALONG THE ROADWAY WHERE PARKING IS NOT NORMALLY PERMITTED, OR ANY OTHER AREAS DEEMED HAZARDOUS BY THE ENGINEER. VEHICLES BELONGING TO THE CONTRACTOR OR THE CONTRACTORS EMPLOYEES SHALL NOT BE PARKED IN A MANNER WHICH OBSTRUCTS SIGNS, BARRIERS, BARRICADES, OR OTHER TRAFFIC CONTROL DEVICES. VEHICLES BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL NOT BE PARKED IN A MANNER WHICH INTERFERES WITH ACCESS TO ABUTTING PROPERTIES. VEHICLES PARKED BEHIND GUIDE RAIL/ BARRIER SHALL BE PARKED BEYOND THE GUIDE RAIL/ BARRIER DEFLECTION DISTANCE.

SIGNS

- ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE CURRENT NATIONAL MUTCD AND NEW YORK STATE SUPPLEMENT.
- ALL SIGNS, INCLUDING GUIDE SIGNS, SHALL INDICATE ACTUAL CONDITIONS AT ALL TIMES AND SHALL BE COVERED, REMOVED, RELOCATED OR CHANGED IMMEDIATELY UPON NEW SITE CONDITIONS, ADBE.
- MOUNTING HEIGHT REQUIREMENTS FOR ALL CONSTRUCTION SIGNS SHALL BE 5' MINIMUM (MEASURED FROM NEAR EDGE OF PAVEMENT). IN LOCATIONS WHERE SIGNS WOULD INTERFERE WITH PEDESTRIANS OR BE OBSTRUCTED BY PARKED VEHICLES, THE CONTRACTOR SHALL USE A 7' MOUNTING HEIGHT. THE CONTRACTOR SHALL USE CONSISTENT SIGN MOUNTING HEIGHTS FOR SIGNS USED IN A SERIES.
- ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE WORK ZONE SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, ADBE. BLANK COVERS USED TO COVER PORTIONS OF EXISTING SIGNS SHALL BE OF A COLOR AND REFLECTORIZED MATERIAL MATCHING THAT OF THE SIGN BEING PARTIALLY COVERED. THE CONTRACTOR SHALL RELOCATE OR COVER SIGN PANELS OR SIGN TEXT AT NO ADDITIONAL COST. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.
- THE MODIFICATION, RELOCATION OR ADJUSTMENT OF EXISTING SIGNS FOR BASIC WORK TRAFFIC CONTROL PURPOSES, NOT ALREADY SHOWN ON THE PLANS, SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.
- THE CORRECT SPACING, SEQUENCE AND LOCATION OF THE SIGNS SHALL BE MAINTAINED AT ALL TIMES AS SPECIFIED BY THE MUTCD. THE LOCATION OF THE SIGNS SHOWN ON THE TRAFFIC CONTROL PLANS AND DETAILS, FOUND IN THE CONTRACT DOCUMENTS, ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
- SIGN SUPPORTS SHALL CONFORM TO STANDARD SHEET 619-04 OR BE CERTIFIED TO MEET THE REQUIREMENTS OF NCHRP 350. NO SIGNS OR SUPPORTS SHALL BE STORED ON TRAVEL LANES, SHOULDERS OR SIDEWALKS AT ANY TIME. ALL TEMPORARY SIGN SUPPORTS STORED ON THE ROADWAY, OR ANY AREA THAT MAY BE TRAVERSABLE BY AN ERRANT VEHICLE, SHALL BE LAID FLAT SUCH THAT NO PART OF THE SUPPORT IS MORE THAN 4" ABOVE THE GROUND. ANY SIGN THAT IS LAID FLAT SHALL HAVE A CONE PLACED IN ADVANCE OF THE SIGN TO DELINEATE THE HAZARD. NO SIGN SUPPORTS SHALL BE LEANED AGAINST OR OVERHANG TRAFFIC BARRIER. THE FACES OF STORED SIGNS SHALL NOT BE VISIBLE TO TRAFFIC IN ANY DIRECTION, REGARDLESS OF THE ORIENTATION OF THE SIGN.
- THE CONTRACTOR SHALL RELOCATE STREET NAME AND DESTINATION SIGNS AS NECESSARY TO PROVIDE VISIBLE DESTINATION SIGNING IN ACCORDANCE WITH THE MUTCD AT ALL TIMES.
- CONTRACTOR MUST MAINTAIN ALL EXISTING REGULATORY, WARNING & PARKING SIGNS UNTIL SUCH TIME AS THEY ARE REPLACED.

DELINEATION AND GUIDING DEVICES

- DELINEATION AND GUIDING DEVICES AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
- THE CONTRACTOR IS RESPONSIBLE FOR FREQUENT CHECKS OF THE CHANNELIZING DEVICES THROUGHOUT THE WORK ZONE TO RESET DEVICES DISLODGED BY TRAFFIC. ADEQUATE BALLAST SHALL BE PROVIDED TO ENSURE THAT DEVICES ARE NOT DISLODGED BY PASSING TRAFFIC.
- WHERE POSSIBLE ALL DELINEATION AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' CLEARANCE TO THE TRAVELED WAY UNLESS OTHERWISE SHOWN ON THE PLANS.
- ALL TRAFFIC CONTROL DEVICES INITIALLY FURNISHED FOR THIS PROJECT SHALL BE IN ACCEPTABLE CONDITION AS DEFINED BY THE GUIDELINES PAMPHLET DEVELOPED BY THE AMERICAN TRAFFIC SAFETY SERVICE ASSOCIATION (ATSSA), AS THE CONDITION OF DEVICES DETERIORATE OVER TIME, THOSE THAT FALL BELOW THE MARGINAL CATEGORY SHALL BE REPLACED.
- WHERE NECESSARY TO PERMIT INGRESS OR EGRESS BY CONSTRUCTION VEHICLES, A GAP MAY BE PROVIDED BETWEEN CHANNELIZING DEVICES, NOT TO EXCEED THE DELINEATION OF EVERY FIFTH DEVICE.
- PAYMENT FOR CHANNELIZATION DEVICES IS INCLUDED UNDER ITEM 619.01 BASIC WORK ZONE TRAFFIC CONTROL, UNLESS PROVIDED FOR WITH SPECIFIC ITEMS IN THE CONTRACT SPECIFICATIONS.

PUBLIC ACCESS

- THE CONTRACTOR SHALL PLAN AND INCORPORATE ACCESS POINTS INTO THE WORK ZONE SUCH THAT, TO THE EXTENT PRACTICAL, THE CONTRACTOR'S VEHICLES ENTERING AND LEAVING THE WORK ZONE SHALL NOT IMPEDE THE MOVEMENT OF THROUGH TRAFFIC IN THE ADJACENT OPEN LANES.
- PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVE. ACCESS SHALL BE RESTORED WITHIN 24 HOURS. THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL DRIVEWAYS AT ALL TIMES WHEN A FACILITY IS IN USE. FOR MULTIPLE ACCESS PROPERTIES, ONLY ONE DRIVEWAY MAY BE CLOSED AT A TIME.

PUBLIC ACCESS (CONTINUING)

- SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA. THE MATERIAL SHALL CONSIST OF CRUSHED STONE OR ASPHALT CONCRETE, WHICHEVER IS DEEMED MORE APPROPRIATE FOR THE CIRCUMSTANCE, ADBE. PLASTIC DRUMS OR OTHER APPROVED TRAFFIC CONTROL DEVICES SHALL BE USED TO DELINEATE THE DRIVEWAY AND TO CONTROL ACCESS DURING NON-WORKING HOURS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE FOR BASIC WORK TRAFFIC CONTROL.

LANE CLOSURES

- A SINGLE, LONG LANE CLOSURE IS PREFERRED OVER A SERIES OF SUCCESSIVE SHORTER LANE CLOSURES. THE LENGTH OF THE LANE CLOSURE SHALL BE THE MINIMUM NECESSARY TO ACCOMPLISH THE PLANNED WORK SAFELY AND EFFICIENTLY. THE APPROPRIATE LENGTH OF LANE CLOSURE SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL START SHORT TERM LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY (I.E. BEFORE CURVE AND CRESTS) TO THE EXTENT THAT PROJECT AND TRAFFIC CONDITIONS PERMIT.
- THE CONTRACTOR SHALL NOT MIX CHANNELIZATION DEVICES IN A LINEAR CLOSURE OR TAPER (I.E. CONES, VERTICAL PANELS AND DRUMS SHALL NOT BE USED IN THE SAME TAPER OR CLOSURE). HOWEVER, DIFFERENT CHANNELIZATION DEVICES MAY BE USED IN DIFFERENT AREAS OF A PROJECT.
- IF, IN THE OPINION OF THE ENGINEER, SHORT TERM LANE CLOSURES ARE CREATING EXCESSIVE DELAYS TO TRAFFIC OR ARE CREATING A SAFETY CONCERN DUE TO SLOW OR STOPPED TRAFFIC, AFFECTED LANE CLOSURES SHALL BE REMOVED AND THE ROADWAY OPENED TO TRAFFIC AT NO ADDITIONAL COST TO THE VILLAGE.
- THE CONTRACTOR SHALL USE DRUMS FOR ANY LANE CLOSURES OR SHOULDER CLOSURES WHICH ARE TO REMAIN OVERNIGHT.

FLAGGERS

- THE USE OF TEMPORARY SIGNALS AS A SUBSTITUTE FOR FLAGGERS WILL NOT BE ALLOWED ON THIS PROJECT.
- THE CONTRACTOR SHALL PROVIDE FLAGGERS AS SHOWN ON THE PLANS, OR ADBE, TO CONTROL TRAFFIC MOVEMENT AT THE SITE OF WORK OPERATIONS THAT REQUIRE CLOSURE OF PORTIONS OF THE TRAVELED WAY.
- FLAGGING OPERATIONS FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH SECTION 619 OF THE STANDARD SPECIFICATIONS.
- FLAGGERS SHALL BE PROVIDED WITH HAND HELD AUDIBLE ALARMS TO WARN OF VEHICLE INTRUSIONS.
- FLAGGER SIGNS SHALL NOT BE USED FOR BRIEF PERIODS OF INCIDENTAL FLAGGING, ADBE. FLAGGER SIGNS SHALL NOT BE VISIBLE WHEN FLAGGERS ARE NOT BEING USED.
- AT ALL TIMES, THE CONTRACTOR SHALL PROVIDE FLAGGERS WITH A CLEAR ESCAPE PATH, FREE OF PARKED VEHICLES, EQUIPMENT OR OTHER OBSTACLES. THE FLAGGING STATION SHOULD NOT BE LOCATED IN LANES BEING USED BY MOVING TRAFFIC, WHERE WORKERS GATHER OR WHERE THE FLAGGER'S VEST WOULD NOT CONTRAST WITH THE BACKGROUND. THE STATION SHALL BE LOCATED FAR ENOUGH AHEAD OF THE WORK SPACE SO THAT APPROACHING TRAFFIC HAS SUFFICIENT DISTANCE TO STOP BEFORE ENTERING THE WORK SPACE. THE FLAGGER SHOULD MOVE INTO A LANE ONLY AFTER TRAFFIC HAS STOPPED AND ONLY IF THE FLAGGER NEEDS TO BE VISIBLE TO OTHER TRAFFIC OR MUST COMMUNICATE WITH DRIVERS.
- WHERE FLAGGERS ARE UNABLE TO COORDINATE THEIR ACTIONS BY USING VOICE OR VISUAL SIGNALS, COMMUNICATION EQUIPMENT WILL BE NECESSARY. DEVICES SUCH AS INTERCOMS, TWO-WAY RADIOS, WALKIE TALKIES, FLAGS OR TOKEN CARRIED BY MOTORISTS, MAY BE EMPLOYED, ANY RADIO EQUIPMENT USED SHOULD BE OF A TYPE WHICH DOES NOT REQUIRE CONSTANT USE OF A FLAGGERS HAND. THE COST FOR REQUIRED COMMUNICATION EQUIPMENT SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.

SURFACE CONDITION

- TEMPORARY SLOPED TAPERS REQUIRED PER STANDARD SPECIFICATION 619-3.02 SHALL BE CONSTRUCTED FROM BITUMINOUS PATCHING MATERIAL (PLANT MIX OR SUITABLE WINTER MIX). THESE TAPERS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL THE NEED FOR TAPERING IS ELIMINATED BY SUBSEQUENT WORK. THE COST FOR THIS WORK SHALL BE INCLUDED IN BASIC WORK ZONE TRAFFIC CONTROL, ITEM 619.01.
- WHEN MAINTAINING TRAFFIC ON PAVED OR MILLED SURFACES, THE CONTRACTOR SHALL MARK ALL HAZARDS PROJECTING UP FROM THE DRIVING SURFACE (I.E. VALVES, MANHOLES, ETC.). THE CONTRACTOR SHALL PROVIDE TEMPORARY SLOPED TAPERS FOR ALL VALVES, MANHOLES, ETC. LOCATED WITHIN THE TRAVEL LANES. THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT AND REMOVAL OF THESE TAPERS. TEMPORARY TAPERS SHALL BE CONSTRUCTED FROM BITUMINOUS PATCHING MATERIAL (PLANT MIX OR SUITABLE WINTER MIX). FOR VALVES, MANHOLES, ETC. LOCATED OUTSIDE THE ACTUAL TRAVEL LANES (I.E. SHOULDERS, CENTERLINE) THE CONTRACTOR MAY MARK THE FEATURE AS A HAZARD WITH A DRUM. IF TAPERING IS NOT POSSIBLE, ALL VALVES, MANHOLES, ETC. LOCATED WITHIN AN INTERSECTION SHALL BE TAPERED. THESE TAPERS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL THE NEED FOR TAPERING IS ELIMINATED BY SUBSEQUENT WORK. THE COST OF THIS WORK, INCLUDING REMOVAL OF TAPERS, SHALL BE INCLUDED IN BASIC WORK ZONE TRAFFIC CONTROL, ITEM 619.01.
- WHEN TRAFFIC IS MAINTAINED ON A ROADWAY DURING WORK OPERATIONS, THE CONTRACTOR SHALL NOT LEAVE LONGITUDINAL DROP-OFFS EXPOSED TO TRAFFIC AT THE END OF THE DAY.  
  
IF STEEL PLATES ARE USED IN THE ROADWAY, DRUMS WITH FLASHERS NEED TO BE LOCATED AT THE PLATE. STEEL PLATE AHEAD AND BUMPP SIGNS ARE REQUIRED.

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1/6/2022

DATE

DATE

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

WORK ZONE  
TRAFFIC CONTROL  
NOTES

SCALE N.T.S	DATE DECEMBER 2021
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 9 OF 94	DRAWING NO. WZ-01

PAVEMENT MARKINGS

1. TECHNIQUES FOR REMOVAL OR COVERING OF PAVEMENT MARKINGS ARE SUBJECT TO APPROVAL BY THE ENGINEER.
2. MAINTENANCE OF TEMPORARY OR INTERIM MARKINGS SHALL INCLUDE REMARKING AREAS WHERE THE ENGINEER DETERMINES THE MARKINGS ARE NOT CLEAR, NO LONGER EFFECTIVE OR COULD POTENTIALLY MISGUIDE MOTORISTS. THIS SHALL INCLUDE REAPPLYING, IF REQUIRED, PRIOR TO AND JUST AFTER WINTER SHUT-DOWN PERIODS ISOLATED AREAS OUTSIDE OF PREVIOUSLY DISTURBED CONSTRUCTION ZONES, WHERE EXISTING PAVEMENT MARKINGS HAVE BEEN OBLITERATED BY THE CONTRACTOR'S OPERATIONS. THERE WILL BE NO ADDITIONAL PAYMENT FOR THIS WORK EXCEPT AS NOTED IN SECTION 619.
3. EXISTING PAVEMENT MARKINGS OUTSIDE OF PREVIOUSLY DISTURBED CONSTRUCTION ZONES SHALL BE MAINTAINED AND RE-STRIPED IF REQUIRED BY THE ENGINEER. THIS MAY INCLUDE, BUT NOT BE LIMITED TO RE-STRIPING THE EXISTING ROADWAY PRIOR TO OR DIRECTLY AFTER WINTER SHUTDOWN AND/OR RE-STRIPING AREAS THAT ARE NOT SCHEDULED FOR WORK UNTIL LATER PHASES OF CONSTRUCTION. EXISTING MARKINGS, LETTERS AND SYMBOLS WILL BE RE-APPLIED AS NECESSARY, ADBE. PAVEMENT MARKINGS THAT HAVE BEEN OBLITERATED BY THE OPERATION OF UTILITY COMPANIES SHALL BE MAINTAINED AS DIRECTED BY THE ENGINEER. PAVEMENT MARKINGS APPLIED AS INDICATED IN THIS PARAGRAPH WILL BE PAID FOR UNDER THE APPROPRIATE 685 SERIES ITEM - REFLECTORIZED PAVEMENT MARKING EPOXY.

NOTIFICATIONS AND EMERGENCY ACCESS

1. THE CONTRACTOR SHALL SUBMIT TO THE APPROPRIATE LAW ENFORCEMENT AND EMERGENCY AGENCIES IN WRITING THE NAME, ADDRESS AND REACHABLE TELEPHONE NUMBERS OF THE PERSON(S) AUTHORIZED TO SECURE LABOR, MATERIALS AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE OF NORMAL WORKING HOURS. DUPLICATE COPIES OF THE ABOVE SHALL BE FILED WITH THE RESIDENT ENGINEER.
2. AT LEAST ONE 10' WIDE TRAVEL LANE OF SAFELY TRAVERSABLE ROAD MUST BE MAINTAINED THROUGHOUT THE PROJECT AREA AT ALL TIMES FOR EMERGENCY VEHICLES. AUTHORITIES RESPONSIBLE FOR EMERGENCY SERVICES MUST BE NOTIFIED IN ADVANCE OF ANY SUBSTANTIAL CHANGE IN TRAFFIC PATTERNS. WORK ON ONE SIDE OF THE HIGHWAY SHALL BE COMPLETED PRIOR TO ESTABLISHING A WORK AREA ON THE OPPOSITE SIDE.
3. THE CONTRACTOR IS REQUIRED TO CONTACT THE APPROPRIATE SCHOOL AND EMERGENCY SERVICES ORGANIZATIONS WITH RESPECT TO THE EFFECT OF ROAD WORK, TRAVEL LANE REDUCTIONS, DETOURS ON OPERATIONS, OR IN ADVANCE OF ANY SUBSTANTIAL CHANGE IN TRAFFIC PATTERNS. THIS CONTACT SHALL BE MADE AS CONDITIONS CHANGE AND AT LEAST TWO WEEKS PRIOR TO IMPLEMENTING EACH TRAFFIC PHASE AND/OR DETOUR TO ALLOW ADEQUATE TIME FOR THE ORGANIZATIONS TO COORDINATE AND MAKE NECESSARY ADJUSTMENTS TO RESPONSE SCHEDULES AND ROUTES.
4. THE CONTRACTOR IS REQUIRED TO CONTACT THE APPROPRIATE TRANSIT OFFICIALS IN RESPECT TO THE EFFECT OF ROAD ALTERATIONS ON BUS OPERATIONS. THIS SHOULD BE DONE FOUR WEEKS IN ADVANCE OF ANY CHANGES IN TRAFFIC PATTERNS OR IMPLEMENTATION OF WORK ZONES SO THAT THERE WILL BE ADEQUATE TIME FOR TRANSIT OFFICIALS TO NOTIFY PERSONNEL OF THE EFFECTS TO SCHEDULES AND ROUTES. THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE SAFE INGRESS AND EGRESS OF PASSENGERS AT EXISTING OR TEMPORARILY RELOCATED BUS STOPS.

TRAFFIC SIGNALS

1. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN EXISTING TRAFFIC SIGNAL EQUIPMENT FROM THE START OF WORK UNTIL ACCEPTANCE BY SIGNAL MAINTENANCE ENGINEER. THE COST FOR MAINTAINING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE INCLUDED IN THE PRICE BID FOR MAINTAIN TRAFFIC SIGNAL EQUIPMENT (REQUIREMENT A). THE CONTRACTOR SHALL NOTIFY THE EIC OF THE DATE ON WHICH THE CONTRACTOR WILL ASSUME MAINTENANCE RESPONSIBILITY.
2. THE CONTRACTOR SHALL NOTIFY THE NYS SIGNAL MAINTENANCE DEPARTMENT THREE WORKING DAYS PRIOR TO ASSUMING MAINTENANCE, STARTING WORK IN THE AREA, OR DISTURBING CONDUIT OR LOOPS.
3. WORK OPERATIONS (I.E. ASPHALT PAVING) WHICH PASS THROUGH AN EXISTING SIGNALIZED INTERSECTION AND WHICH WILL LAST FOR MORE THAN BRIEF PERIODS WILL REQUIRE THE TRAFFIC SIGNALS TO BE TURNED OFF AND THE INTERSECTION FLAGGED. THE CONTRACTOR SHALL NOTIFY THE EIC THREE WORKING DAYS PRIOR TO PERFORMING WORK.
4. TEMPORARY REALIGNMENT OF EXISTING TRAFFIC SIGNAL HEADS TO ACCOMMODATE TEMPORARY TRAVEL LANES OR BAGGING OF EXISTING SIGNAL HEADS THAT ARE NOT USED MAY BE NECESSARY DURING STAGED CONSTRUCTION. RELOCATION SHALL BE DETERMINED BY THE EIC. PAYMENT FOR REALIGNMENT, RELOCATION OR BAGGING SHALL BE IN THE PRICE BID FOR ITEM 619.161401.
5. TRAFFIC SIGNAL CONTROLLER PROGRAMMING CHANGES SHALL ONLY BE PERFORMED BY NYS SIGNAL MAINTENANCE PERSONNEL.
6. THE CONTRACTOR SHALL REQUEST PERMISSION FROM THE ENGINEER AND NYSDOT SIGNAL MAINTENANCE ENGINEER TO ENTER INTO ANY EXISTING TRAFFIC SIGNAL CONTROLLER CABINET OR DO ANY WORK ON AN EXISTING TRAFFIC SIGNAL.
7. PEDESTRIAN TRAFFIC SIGNAL DISPLAYS CONTROLLING CLOSED CROSSWALKS SHALL BE COVERED OR REMOVED.

BICYCLISTS AND PEDESTRIANS

1. THE CONTRACTOR SHALL PROVIDE, DELINEATE AND MAINTAIN A USABLE TRAVEL PATH FOR PEDESTRIANS EITHER THROUGH OR AROUND WORK ZONES FOR THE DURATION OF THIS PROJECT, IN ACCORDANCE WITH THE PLANS. THE TRAVEL PATH SHALL COMPLY WITH THE "CONTINUOUS PASSAGE" PROVISIONS OF THE CURRENT AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG). THE CONTRACTOR MAY UTILIZE ANY COMBINATION OF THE FOLLOWING TO PROVIDE THE USABLE TRAVEL PATH: EXISTING SIDEWALKS/SHOULDERS; TEMPORARY SIDEWALKS/SHOULDERS; FINAL SIDEWALKS/SHOULDERS; AND EXISTING OR TEMPORARY SIDEWALK CURB RAMPS. THE USABLE TRAVEL PATH SHALL BE CLEARLY MARKED AND STAGED BETWEEN INTERSECTING ROADS TO ENSURE SAFE PEDESTRIAN CROSSING AND ACCESSIBILITY. PEDESTRIAN ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.
2. THE CONTRACTOR SHALL CONDUCT WORK OPERATIONS TO MINIMIZE THE INTERRUPTION OF PEDESTRIAN TRAFFIC. THE TEMPORARY STORAGE OF CONSTRUCTION EQUIPMENT OR MATERIALS SHALL NOT BE PERMITTED ON ANY USABLE TRAVEL PATH THAT IS OPEN TO PEDESTRIAN TRAFFIC.
3. IF TEMPORARY SIDEWALK IS CONSTRUCTED AS PART OF THE USABLE TRAVEL PATH, IT SHALL BE ASPHALT CONCRETE MEETING THE REQUIREMENTS OF SECTION 608 OF THE NYSDOT STANDARD SPECIFICATIONS. ALL TEMPORARY SIDEWALK SHALL MEET THE FOLLOWING CRITERIA, IN ADDITION TO THOSE CONTAINED IN THE ADAAG:
  - A. MINIMUM SIDEWALK WIDTH = 5 FT.
  - B. MAXIMUM SIDEWALK CROSS SLOPE = 2.0% (1:50)
  - C. THICKNESS OF ASPHALT CONCRETE SIDEWALK = 2"
  - D. IF TEMPORARY SIDEWALK IS TO BE INSTALLED IN AREAS OF EXISTING GRASS, STRIP TURF TO A DEPTH OF 2" BEFORE INSTALLATION.
  - E. MAX. LONGITUDINAL SLOPE = 5%
  - F. TEMPORARY CURB RAMPS AS PER NYSDOT STANDARD SHEETS
4. ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSTALL AND REMOVE TEMPORARY SIDEWALK AND CURB RAMPS, INCLUDING THE RESTORATION OF DISTURBED AREAS, SHALL BE INCLUDED IN THE PRICE BID FOR 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.
5. "SIDEWALK CLOSED" SIGNS SHALL BE PLACED WHEN A USABLE TRAVEL PATH IS CLOSED TO PEDESTRIAN TRAFFIC. ADDITIONAL SIGNS SHALL BE PLACED TO DIRECT PEDESTRIANS TO AN ALTERNATE ACCESSIBLE ROUTE. ALL SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.
6. TEMPORARY SAFETY FENCING SHALL BE PLACED ALONG ANY SIDEWALK ADJACENT TO ANY EXCAVATION OR VERTICAL DROP-OFF OVER 6'. SAFETY FENCING SHALL BE CONTINUOUS PLASTIC FLUORESCENT ORANGE SUPPORTED BY METAL OR WOOD POSTS. THE FENCING SHALL BE A MINIMUM OF 4' IN HEIGHT AND MAY INCLUDE A TOP AND BOTTOM RAIL TO PROVIDE ADDITIONAL SUPPORT, ADBE. THE SAFETY FENCE SHALL CONFORM TO SECTION I07-05 OF THE STANDARD SPECIFICATIONS. ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSTALL AND REMOVE TEMPORARY SAFETY FENCING SHALL BE INCLUDED IN THE PRICE BID FOR WORK ZONE TRAFFIC CONTROL.
7. THE CONTRACTOR SHALL MAINTAIN A SAFE, TRAVERSABLE PEDESTRIAN ROUTE, INCLUDING CURB RAMPS, MEETING A.D.A.A.G. REQUIREMENTS ON ONE SIDE OF THE ROAD AT ALL TIMES, AND MUST PROVIDE ACCESS TO BUSINESSES, RESIDENTS, BUS STOPS, CROSSWALKS, ETC. AT ALL TIMES.
8. ANY CONSTRUCTION ACTIVITY THAT RESULTS IN THE BREAKAGE OF SLABS OR THE REMOVAL OF SEGMENTS OF EXISTING SIDEWALK SERVING AS THE USABLE TRAVEL PATH SHALL BE REPAIRED IMMEDIATELY USING ASPHALT CONCRETE MEETING THE REQUIREMENTS OF SECTION 608 OF THE NYSDOT STANDARD SPECIFICATIONS. THE REPAIRED SURFACE SHALL BE IN CONFORMANCE WITH THE CRITERIA OUTLINED ABOVE, AS WELL AS THOSE CONTAINED IN THE ADAAG. SIDEWALK REPAIRS DUE TO REQUIRED CONSTRUCTION ACTIVITIES SHALL BE PAID FOR 619.01 - BASIC WORK ZONE TRAFFIC CONTROL THAT IS DAMAGED BY CARELESS CONSTRUCTION ACTIVITIES OR PRACTICES SHALL BE IMMEDIATELY REPAIRED, ADBE, AT NO ADDITIONAL COST.
9. THE INSTALLATION OF TEMPORARY/ FINAL SIDEWALK SHALL BE STAGED SO THAT WORK IS STARTED AND COMPLETED ON ONE SIDE OF THE ROAD PRIOR TO THE START OF WORK ON THE OPPOSITE SIDE OF THE ROAD. WHEN A SECTION OF THE SIDEWALK/ USABLE TRAVEL PATH MUST BE CLOSED AND PEDESTRIAN TRAFFIC IS SHIFTED TO THE SIDEWALK/ USABLE TRAVEL PATH ON THE OPPOSITE SIDE OF THE ROAD, PEDESTRIANS SHALL BE DIRECTED TO CROSS AT THE NEXT AVAILABLE INTERSECTION. AT NO TIME SHALL TEMPORARY MID-BLOCK PEDESTRIAN CROSSINGS BE PERMITTED.

MISCELLANEOUS

1. EXCAVATION AND BACKFILL OPERATIONS FOR NEW DRAINAGE WILL BE SCHEDULED BY THE CONTRACTOR SUCH THAT THERE WILL BE NO OPEN EXCAVATIONS IN THE ROADWAY AT NIGHT. THE CONTRACTOR'S SCHEDULE SHALL ALSO MINIMIZE THE AMOUNT OF EXCAVATION LEFT OUTSIDE THE ROADWAY AT NIGHT AS DIRECTED BY THE ENGINEER.
2. IF FOR UNFORESEEN REASONS A PAVEMENT REPAIR AREA CANNOT BE OPENED FOR TWO-WAY TRAFFIC PRIOR TO NIGHTFALL, FULL DEPTH REPAIRS SHALL BE FILLED COMPLETELY WITH GRAVEL ADBE. ALL COSTS TO PLACE AND REMOVE GRAVEL SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.
3. TEMPORARY PAVEMENT MIGHT BE NECESSARY IN PLACES WHERE BACKFILLED DRAINAGE TRENCHES CROSS THE ROADWAY (ADBE). PAYMENT FOR THIS TEMPORARY PAVEMENT WILL BE MADE UNDER ITEM 402.198904.
4. TYPE III BARRICADES WITH FENCING SHALL BE USED AROUND EXCAVATIONS.

GENERAL TIME RESTRICTIONS				
ROADWAY	DESCRIPTION OF PROPOSED WORK	DATE	DAY	TEMPORARY LANE SHIFTS / LANE AND SHOULDER CLOSURES ARE NOT ALLOWED FROM
NYS ROUTE 5	CENTRAL AVENUE MILL & PAVE	AFTER LABOR DAY HOLIDAY TIME RESTRICTIONS	SAT-SUN	ALL DAY
NYS ROUTE 5	CURB BUMP-OUTS MEDIAN ISLANDS	-	SAT-SUN	ALL DAY

PROJECT SPECIFIC

1. A CONTINUOUS SIDEWALK SYSTEM AND PEDESTRIAN ROUTE, ETC. SHALL BE MAINTAINED ON ONE SIDE OF THE ROAD AT ALL TIMES. THE SIDEWALK AREAS UNDER CONSTRUCTION WILL BE CLOSED WITH APPROPRIATE SIGNAGE THAT SAFELY REDIRECTS PEDESTRIAN TO THE ACTIVE SIDEWALK ROUTES.

NYSDOT STANDARD SHEETS FOR WORK ZONE TRAFFIC CONTROL

1. THE CONTRACTOR SHALL REFERENCE THE FOLLOWING NYSDOT STANDARD SHEETS FOR WORK ZONE TRAFFIC CONTROL FOR THE PROJECT:
  - 619-02 TYPE III CONSTRUCTION BARRICADES
  - 619-04 PORTABLE TEMPORARY WOODEN SIGN SUPPORT
  - 619-10 WORK ZONE TRAFFIC CONTROL GENERAL NOTES
  - 619-11 WORK ZONE TRAFFIC CONTROL LEGEND AND NOTES
  - 619-12 SIGN TABLE
  - 619-20 SHOULDER CLOSURE 2-LANE 2-WAY ROADWAY
  - 619-21 SHOULDER CLOSURE 2-LANE 2-WAY ROADWAY MULTIPLE WORK LOCATIONS
  - 619-50 SIDEWALK DETOUR OR DIVERSION
  - 619-51 SIDEWALK CLOSURE AND PEDESTRIAN DETOUR
  - 619-60 FLAGGING OPERATION 2-LANE 2-WAY ROADWAY
  - 619-61 FLAGGING OPERATION 2-LANE 2-WAY ROADWAY INTERSECTION

LAKE SHORE DRIVE WZTC SEQUENCING

1. ALL APPLICABLE ADVANCE WARNING OR OTHER LONG-TERM CONSTRUCTION SIGNS SHALL BE INSTALLED PRIOR TO BEGINNING ANY WORK OPERATIONS.
2. INSTALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE PROJECT LIMITS PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.
3. PERFORM EXCAVATION AND CONSTRUCT PROPOSED DRAINAGE, CURB BUMP-OUTS, SIDEWALK, AND INSTALL TRAFFIC SIGNAL EQUIPMENT. UTILIZE DAILY SINGLE LANE CLOSURE ACCORDING TO DETAIL ON DWG. NO. WZ-4. THE DAILY WORK ZONE SHOULD BE LIMITED IN LENGTH BY CONTRACTOR'S ABILITY TO EXCAVATE FOR CURB AND PLACE COMPACTED SUBBASE BY THE END OF EACH WORK DAY.
4. PRIOR TO THE CONSTRUCTION OF PROPOSED CURB BUMP-OUTS AT CENTRAL AVENUE, MILL AND PAVE CENTRAL AVENUE INTERSECTION. FOLLOW GENERAL/TIME RESTRICTIONS LISTED ON THIS SHEET. FOLLOW #3 AFTER PAVING OF INTERSECTION IS COMPLETE.
5. PERFORM EXCAVATION AND CONSTRUCT MEDIAN CURB ISLANDS. UTILITZE DAILY CENTER TURN LANE CLOSURE ACCORDING TO THE DETAIL ON DWG. NO. WZ-5. THE DAILY WORK ZONE SHOULD BE LIMITED IN LENGTH BY CONTRACTOR'S ABILITY TO EXCAVATE FOR CURB AND PLACE COMPACTED SUBBASE BY THE END OF EACH WORK DAY.
6. PLANT STREET TREES AND PLACE TOPSOIL IN TREE LAWN AREAS.
7. COMPLETE FINAL GRADING, LANDSCAPING, LAWN REPAIRS AND RESTORATION, PERMANENT SEEDING AND ESTABLISH TURF, PAVEMENT MARKINGS, AND SIGNS.

TIME RESTRICTIONS

1. NIGHT WORK AND WEEKEND WORK IS PROHIBITED. WORKING HOURS SHALL BE BETWEEN 7AM AND 6PM.
2. THE TIME RESTRICTIONS LISTED ARE TO BE IMPLEMENTED THROUGHOUT THE DURATION OF THE PROJECT. NO DEVIATIONS ARE ALLOWED WITHOUT PRIOR APPROVAL FROM THE REGIONAL TRAFFIC ENGINEER OR DESIGNEE. IF, IN THE OPINION OF THE EIC SHORT TERM LANE CLOSURES ARE CREATING EXCESSIVE DELAYS TO TRAFFIC OR ARE CREATING A SAFETY CONCERN DUE TO SLOW OR STOPPED TRAFFIC, THE CLOSURES SHALL BE REMOVED AND THE ROADWAY OPENED TO TRAFFIC.
3. THE TIME RESTRICTIONS LISTED ARE BASED ON ANTICIPATED TRAFFIC VOLUMES. IF, AT THE TIME OF CONSTRUCTION, THE TRAFFIC VOLUMES APPEAR TO ALLOW EXTENDED WORK HOURS, AN ADJUSTMENT TO THE TIME RESTRICTIONS MAY BE PROPOSED. ANY REQUESTS FOR REVISIONS TO THE TIME RESTRICTIONS SHALL BE SUBMITTED IN WRITING TO THE EIC FOR APPROVAL BY THE REGIONAL TRAFFIC ENGINEER OR DESIGNEE. THE CONTRACTOR SHOULD NOT ASSUME THAT THE REVISIONS TO THE STATED TIME RESTRICTIONS WILL BE PERMITTED.
4. THE DEPARTMENT RESERVES THE RIGHT TO CANCEL ANY WORK OPERATIONS, INCLUDING LANE CLOSURES AND/OR TOTAL ROAD CLOSURES, THAT WOULD CREATE TRAFFIC DELAYS BY UNFORSEEN EVENTS. THE CONTRACTOR WOULD BE NOTIFIED AT LEAST SEVEN (7) CALENDAR DAYS PRIOR TO THE PROPOSED WORK.

DATE RESTRICTIONS

1. THE CONTRACTOR SHALL BE LIMITED TO PERFORMING WORK ASSOCIATED WITH THE PAVEMENT OF CENTRAL AVENUE INTERSECTION AFTER LABOR DAY ONLY.
2. THE CONTRACTOR SHALL BE AWARE OF INCREASED TRAFFIC VOLUMES DUE TO FISHING TOURNAMENT WEEK OF AUGUST 21-28. NO LANE CLOSURES ARE ALLOWED DURING THIS TIME AND AREA TO BE CLEAN OF DEBRIS.

HOLIDAY TIME RESTRICTIONS		
HOLIDAY	FALLS ON	TEMPORARY LANE AND SHOULDER CLOSURES ARE NOT ALLOWED FROM
NEW YEAR'S DAY INDEPENDENCE DAY CHRISTMAS DAY	SUNDAY OR MONDAY	6:00 AM FRIDAY BEFORE TO 6:00AM TUESDAY AFTER
	TUESDAY	6:00 AM SATURDAY BEFORE TO 6:00 AM WEDNESDAY AFTER (STARTING AT 6:00 AM FRIDAY BEFORE TO 6:00 AM WEDNESDAY AFTER FOR CHRISTMAS DAY)
	WEDNESDAY	6:00 AM TUESDAY BEFORE TO 6:00 AM THURSDAY AFTER (STARTING AT 8:00 AM SATURDAY BEFORE TO 6:00 AM THURSDAY AFTER FOR CHRISTMAS DAY)
	THURSDAY	6:00 AM THURSDAY TO 6:00 AM MONDAY AFTER (STARTING AT 6:00 AM WEDNESDAY BEFORE TO 6:00 AM MONDAY AFTER FOR CHRISTMAS DAY)
MEMORIAL DAY OR LABOR DAY	FRIDAY OR SATURDAY	6:00 AM THURSDAY BEFORE TO 6:00 AM MONDAY AFTER
THANKSGIVING DAY	MONDAY	6:00 AM FRIDAY BEFORE TO 6:00 AM TUESDAY AFTER
	THURSDAY	6:00 AM WEDNESDAY BEFORE TO 6:00 AM MONDAY AFTER

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

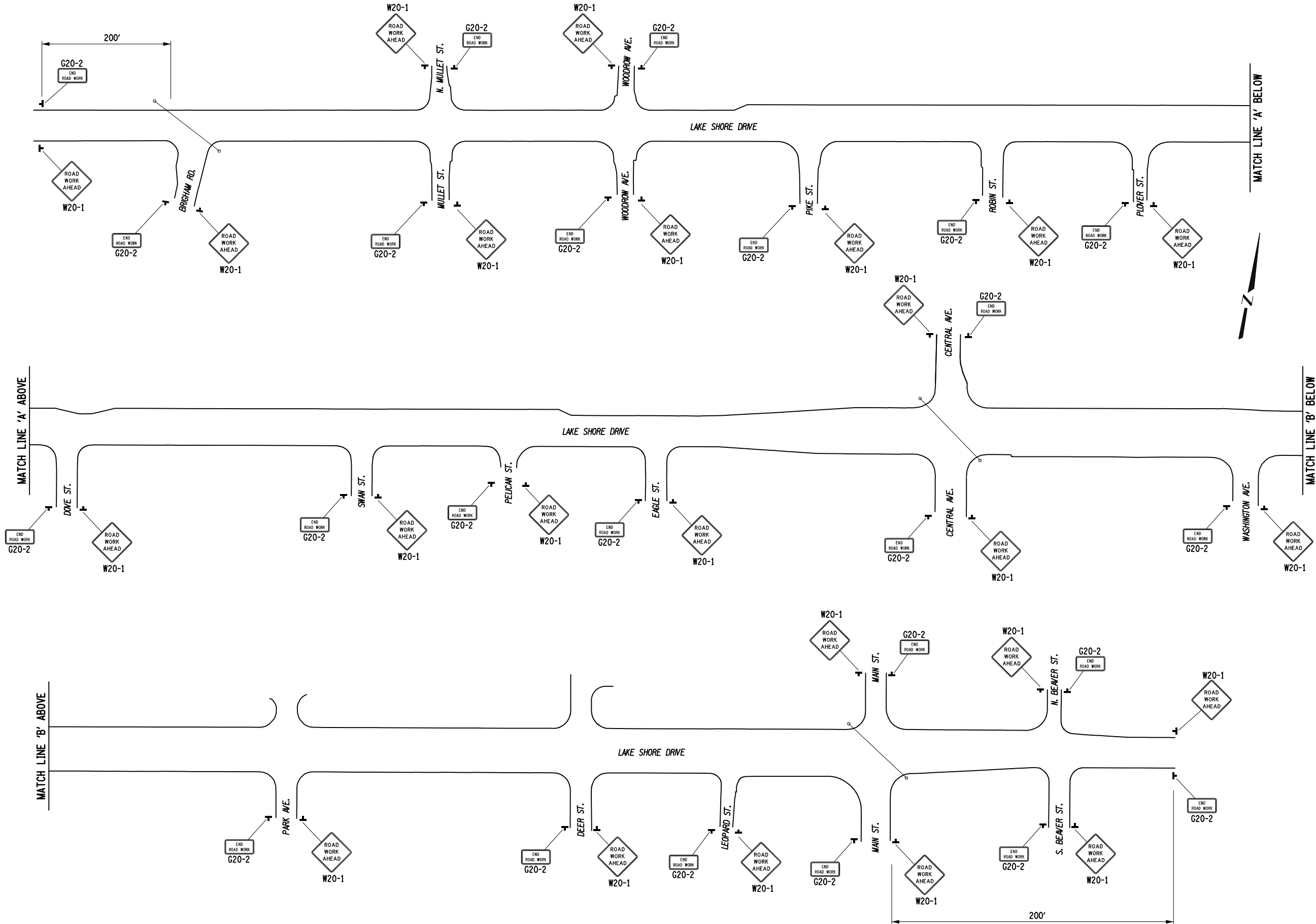
LAKE SHORE DRIVE

DRAWING TITLE

WORK ZONE  
TRAFFIC CONTROL  
NOTES

SCALE N.T.S.	DATE DECEMBER 2021
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 10 OF 94	DRAWING NO. WZ-02





TYPICAL APPROACH SIGNAGE  
(NOT TO SCALE)

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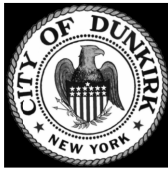
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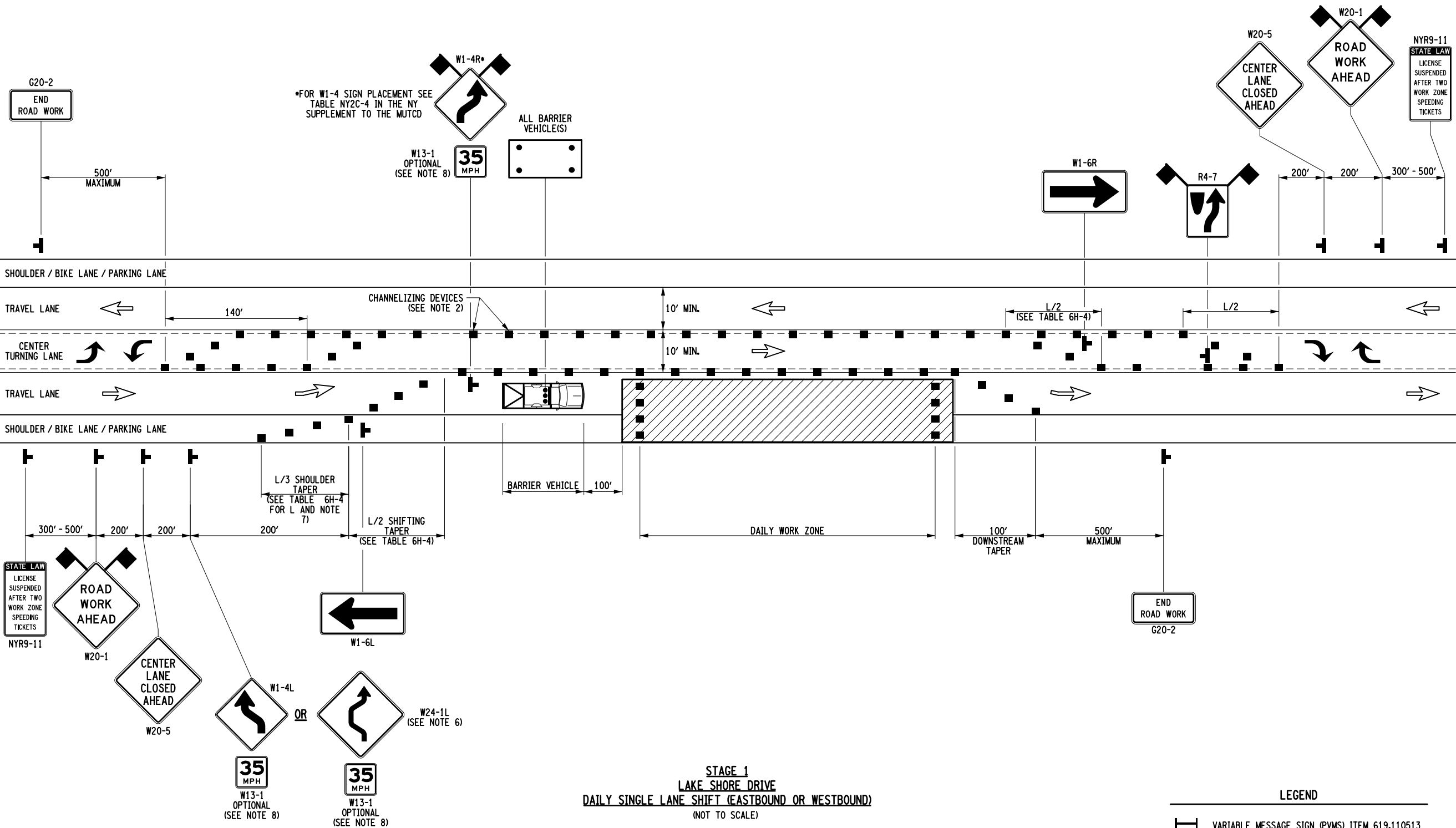
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

WORK ZONE  
TRAFFIC CONTROL  
DETAILS

SCALE N.T.S.	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 11 OF 94	DRAWING NO. WZ-03



NOTES:

1. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
2. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 20' IN TAPERS AND 35' ELSEWHERE IN THE ACTIVE WORK SPACE.
3. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.
4. FOR LONG DURATION LANE CLOSURES, TEMPORARY PAVEMENT MARKINGS SHALL BE USED IN ACCORDANCE TO THE CONTRACT DOCUMENTS. ANY EXISTING PAVEMENT MARKINGS THAT ARE CONFLICTING OR MISLEADING SHALL BE REMOVED OR COVERED.
5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".

6. WHERE THE SHIFTED SECTION IS LONGER THAN 600', ONE SET OF REVERSE CURVE SIGNS SHOULD BE USED TO SHOW THE INITIAL SHIFT AND A SECOND SET SHOULD BE USED TO SHOW THE RETURN TO THE NORMAL ALIGNMENT. IF THE TANGENT DISTANCE ALONG THE TEMPORARY DIVERSION IS LESS THAN 600', THE DOUBLE REVERSE CURVE SIGN (W24-1L) SHOULD BE USED INSTEAD OF THE FIRST REVERSE CURVE SIGN (W1-4L) AND THE SECOND REVERSE CURVE SIGN (W1-4L) SHOULD BE OMITTED.
7. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND TO DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVELED WAY.
8. THE ENGINEER MAY REQUIRE THE USE OF AN ADVISORY SPEED PLAQUE (W13-1) TO SUPPLEMENT A WARNING SIGN. THE PLAQUE WILL BE USED TO INDICATE AN ADVISORY SPEED FOR THE WORK ZONE CONDITION. (IE. NARROW LANES, BUMPS, POOR ROADWAY SURFACE, LOW OR NO SHOULDER, DROP-OFFS, GEOMETRIC CONSTRAINTS, AND/OR POOR SIGHT CONDITIONS).
9. EASTBOUND LANE SHIFT (SHOWN) IS SYMMETRICAL TO WESTBOUND LANE SHIFT.

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CITY OF DUNKIRK

PROJECT NAME

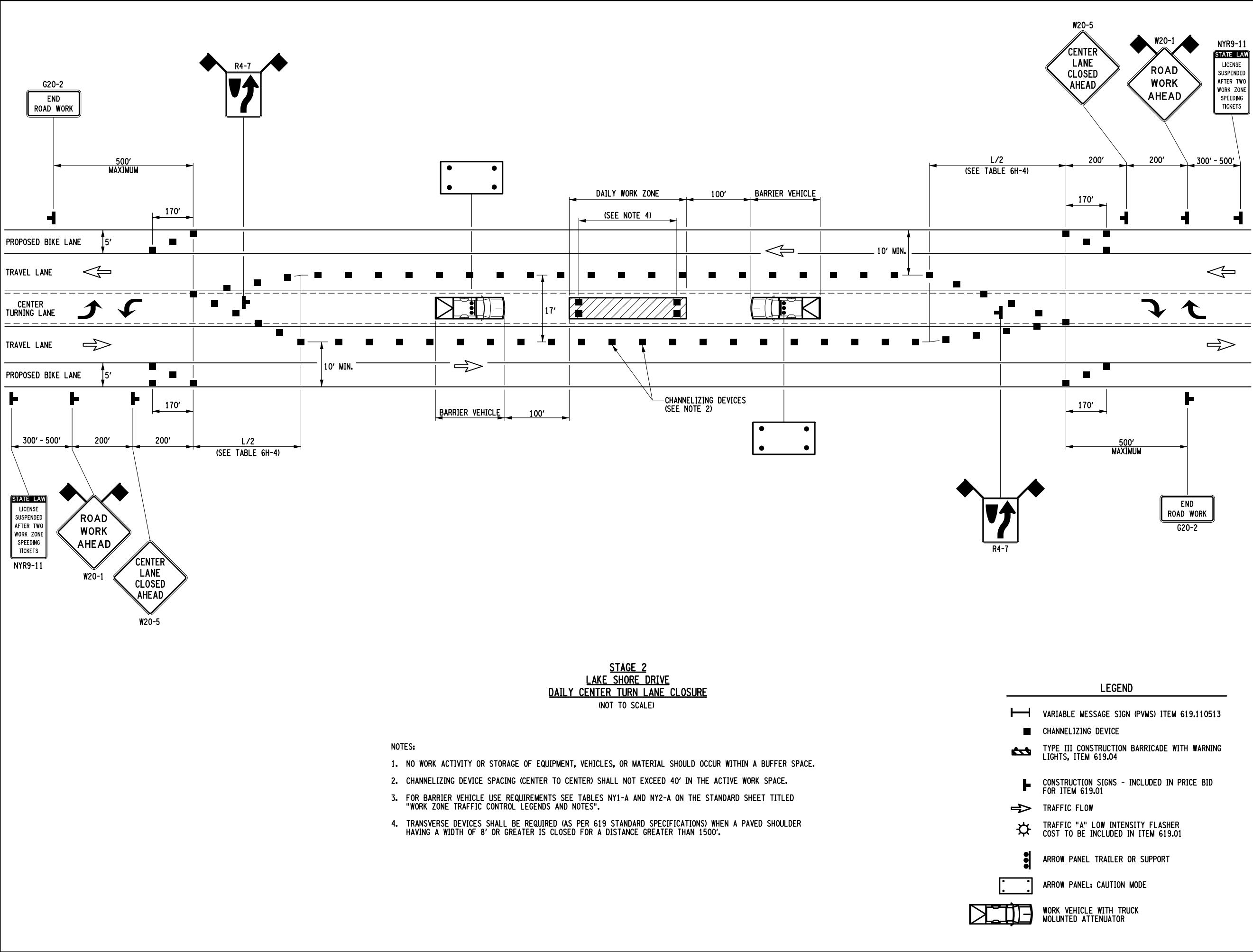
LAKE SHORE DRIVE

DRAWING TITLE

WORK ZONE  
TRAFFIC CONTROL  
DETAILS

SCALE N.T.S.	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 12 OF 94	DRAWING NO. WZ-04





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LAKE SHORE DRIVE

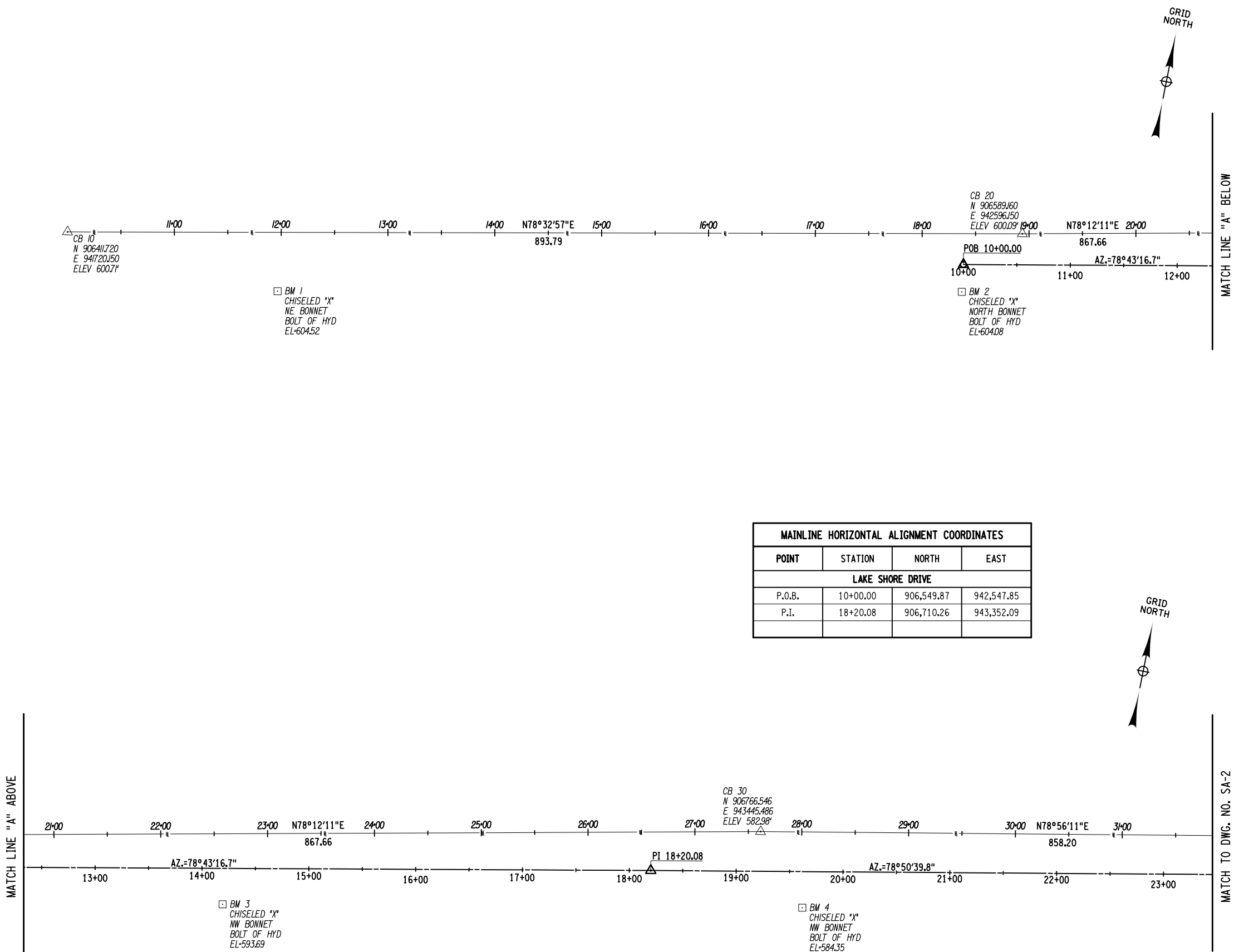
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WORK ZONE TRAFFIC CONTROL DETAILS

SCALE N.T.S.	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 13 OF 94	DRAWING NO. WZ-05

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USER = WellIsDA

DESIGN SUPERVISOR W. McCORMICK JOB MANAGER P. PRESUTTI DESIGNED BY P. PRESUTTI CHECKED BY A. BLACKMON ESTIMATED BY A. BLACKMON DRAFTED BY S. BEAMAN CHECKED BY A. BLACKMON



MAINLINE HORIZONTAL ALIGNMENT COORDINATES			
POINT	STATION	NORTH	EAST
LAKE SHORE DRIVE			
P.O.B.	10+00.00	906,549.87	942,547.85
P.I.	18+20.08	906,710.26	943,352.09

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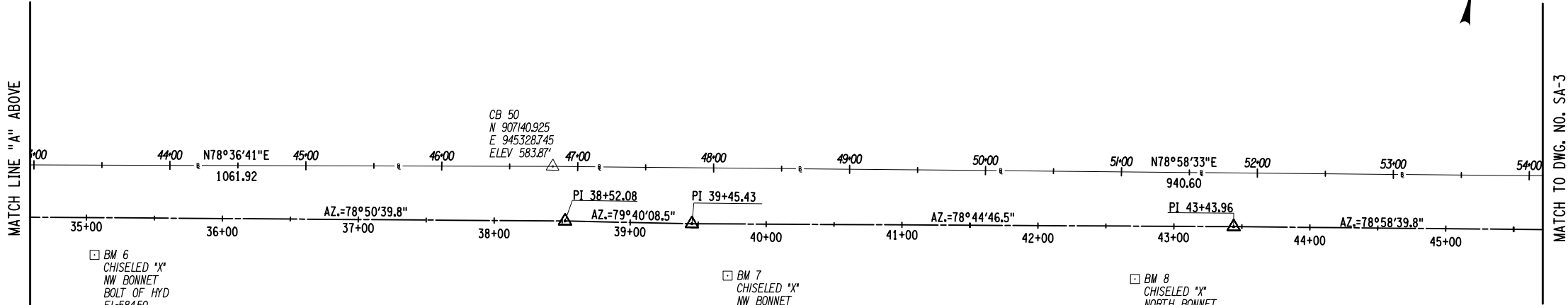


CITY OF DUNKIRK

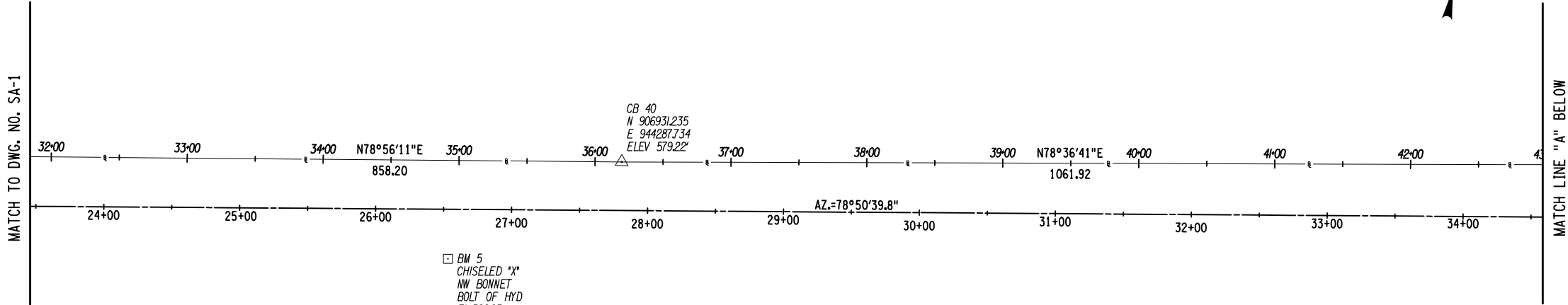
PROJECT NAME  
  
LAKE SHORE DRIVE

DRAWING TITLE  
  
SURVEY  
AND  
ALIGNMENT

SCALE N.T.S.	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 14 OF 94	DRAWING NO. SA-01



MAINLINE HORIZONTAL ALIGNMENT COORDINATES			
POINT	STATION	NORTH	EAST
LAKE SHORE DRIVE			
P.I.	38+52.08	907,103.40	945,345.70
P.I.	39+45.43	907,120.14	945,437.53
P.I.	43+43.96	907,197.91	945,828.40



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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

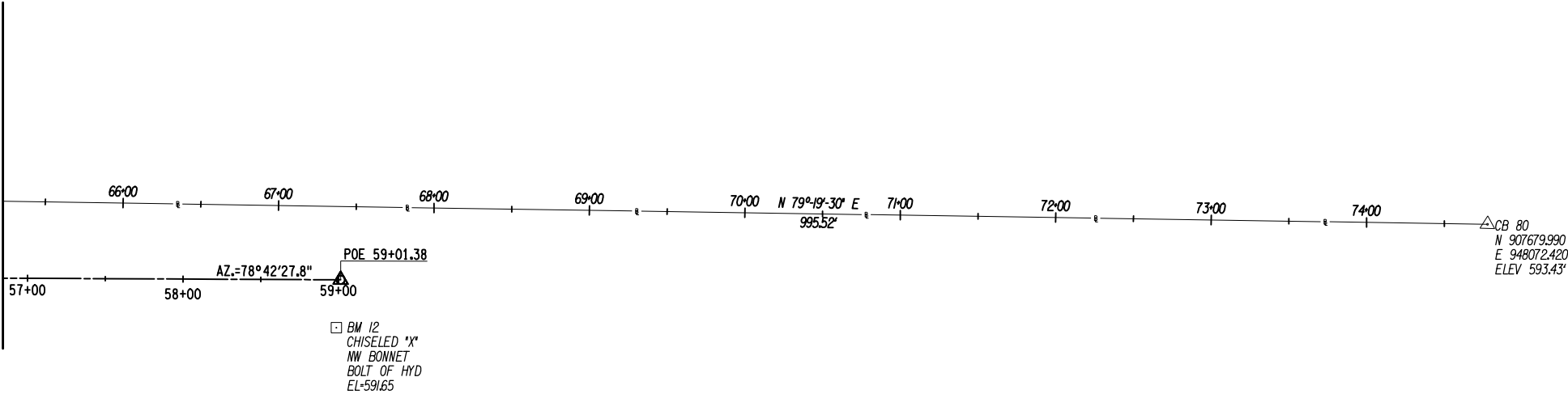
DRAWING TITLE

SURVEY  
AND  
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SCALE N.T.S.	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 15 OF 94	DRAWING NO. SA-02

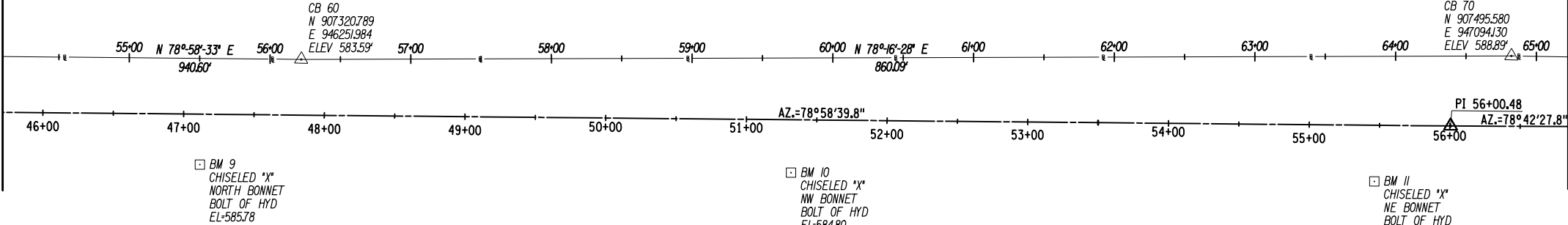


MATCH LINE "A" ABOVE



MAINLINE HORIZONTAL ALIGNMENT COORDINATES			
POINT	STATION	NORTH	EAST
LAKE SHORE DRIVE			
P.I.	56+00.48	907,438.15	947,061.74
P.O.E.	59+01.38	907,497.07	947,356.81

MATCH TO DWG. NO. SA-2



MATCH LINE "A" BELOW

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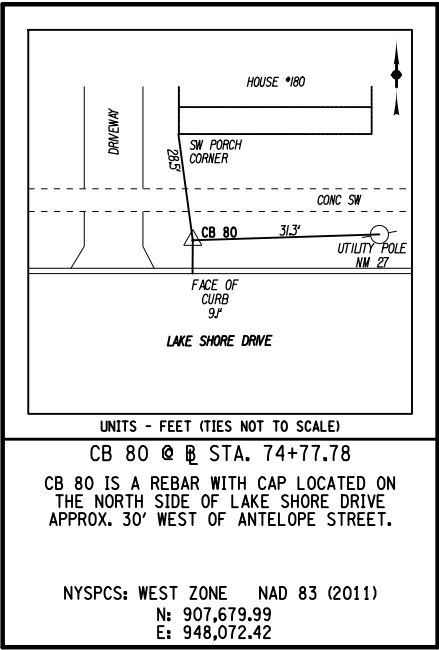
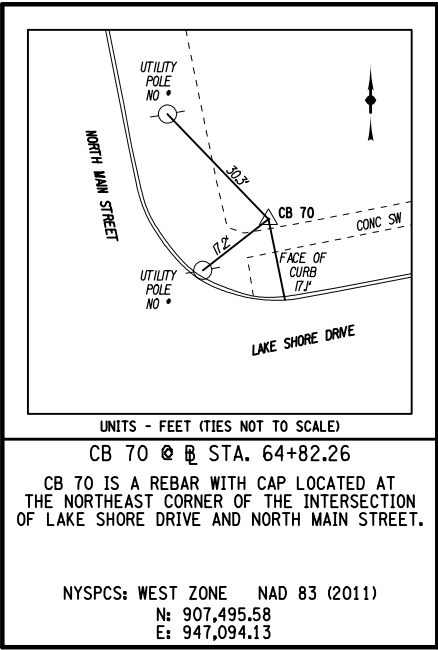
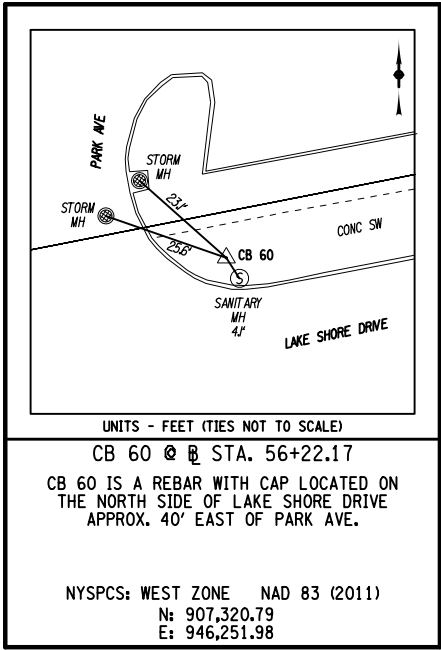
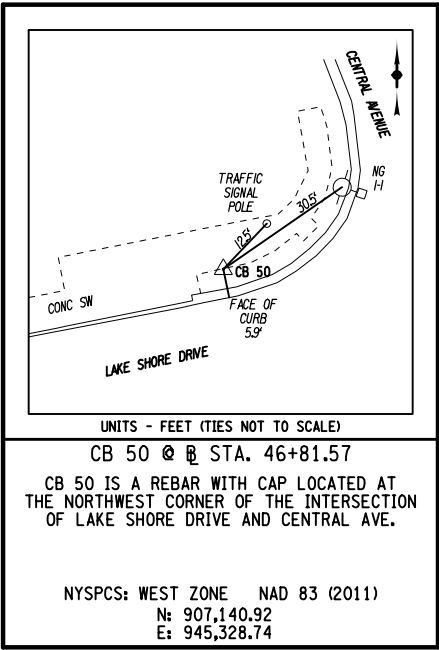
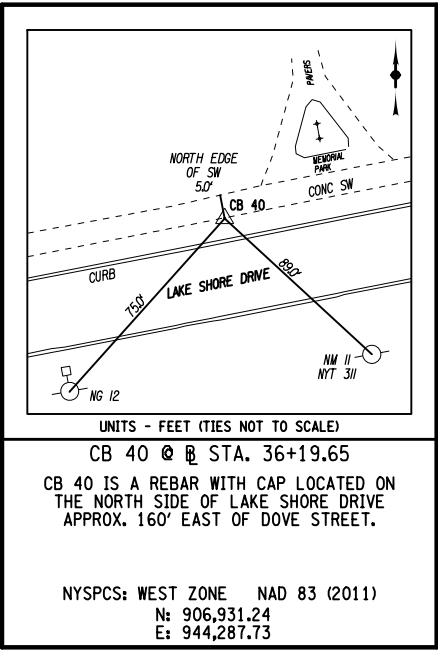
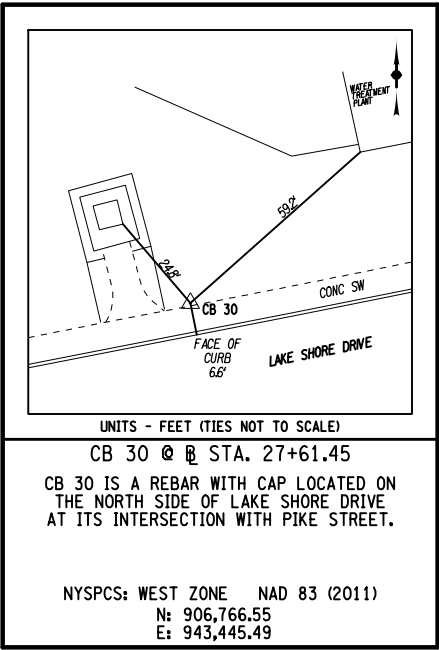
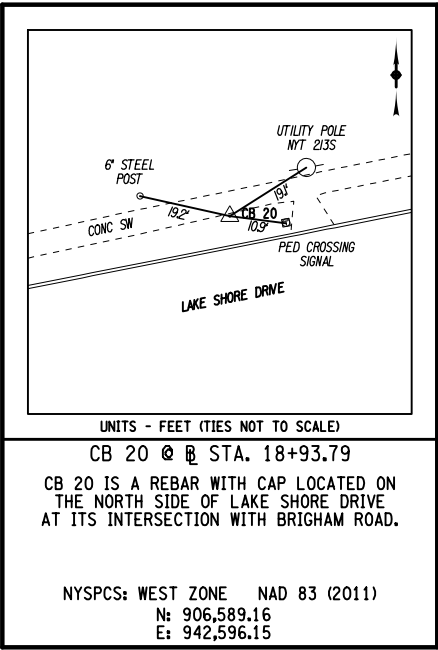
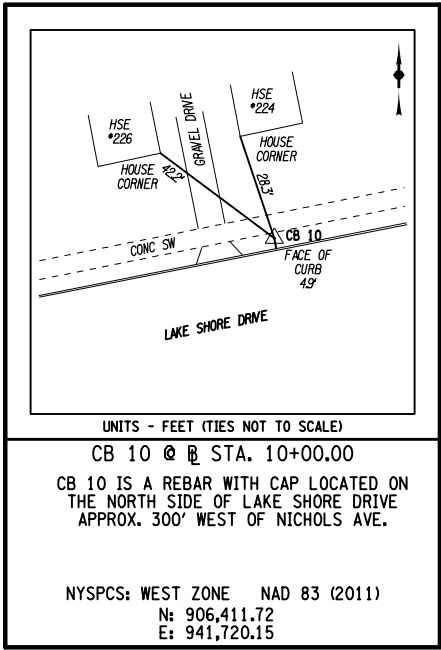
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LAKE SHORE DRIVE

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SCALE N.T.S.	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 16 OF 94	DRAWING NO. SA-03



BENCHMARKS				
NO.	STATION	OFFSET	ELEV.	DESCRIPTION
1	12+46.8	55.1' RT.	604.52'	BM IS A CHISELED "X" NE BONNET BOLT OF HYDRANT LOCATED 100' WEST FROM C NICHOLS AVENUE.
2	18+37.2	54.5' RT.	604.08'	BM IS A CHISELED "X" NORTH BONNET BOLT OF HYDRANT LOCATED 45' WEST FROM C BRIGHAM ROAD.
3	22+57.6	66.1' RT.	593.69'	BM IS A CHISELED "X" NW BONNET BOLT OF HYDRANT LOCATED 25' EAST FROM C MULLET STREET.
4	28+01.1	71.0' RT.	584.35'	BM IS A CHISELED "X" NW BONNET BOLT OF HYDRANT LOCATED 35' EAST FROM C PIKE STREET.
5	34+42.5	72.5' RT.	582.95'	BM IS A CHISELED "X" NW BONNET BOLT OF HYDRANT LOCATED 35' EAST FROM C DOVE STREET.
6	43+44.7	66.2' RT.	584.50'	BM IS A CHISELED "X" NW BONNET BOLT OF HYDRANT LOCATED 40' EAST FROM C EAGLE STREET.
7	48+11.1	72.2' RT.	586.26'	BM IS A CHISELED "X" NW BONNET BOLT OF HYDRANT LOCATED 75' EAST FROM C CENTRAL AVENUE.
8	51+10.7	78.8' RT.	584.24'	BM IS A CHISELED "X" NORTH BONNET BOLT OF HYDRANT LOCATED 50' WEST FROM C WASHINGTON AVENUE.
9	55+50.8	75.5' RT.	585.78'	BM IS A CHISELED "X" NORTH BONNET BOLT OF HYDRANT LOCATED 40' WEST FROM C PARK AVENUE.
10	59+69.8	81.5' RT.	584.80'	BM IS A CHISELED "X" NW BONNET BOLT OF HYDRANT LOCATED 45' WEST FROM C DEER STREET.
11	63+84.6	88.9' RT.	589.50'	BM IS A CHISELED "X" NE BONNET BOLT OF HYDRANT LOCATED 55' WEST FROM C MAIN STREET.
12	67+38.4	78.1' RT.	591.65'	BM IS A CHISELED "X" NW BONNET BOLT OF HYDRANT LOCATED 30' EAST FROM C S BEAVER STREET.

SURVEY NOTES:

- NORTH ORIENTATION AND COORDINATES SHOWN REFERENCE NEW YORK STATE PLANE, NAD83(2011) WEST ZONE BASED ON GPS TIES TO THE CORS NETWORK. EXPRESSED IN US SURVEY FEET.
- ALL ELEVATIONS REFERENCE NAVD88.
- COMBINED SCALE FACTOR 0.99996186

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CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

SURVEY  
AND  
ALIGNMENT

SCALE N.T.S.	DATE DECEMBER 2021
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 17 OF 94	DRAWING NO. SA-04

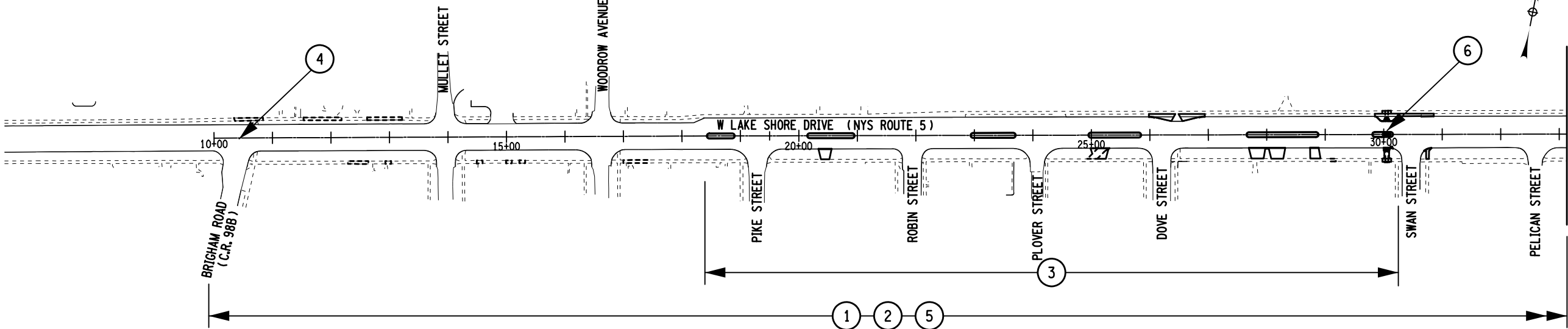
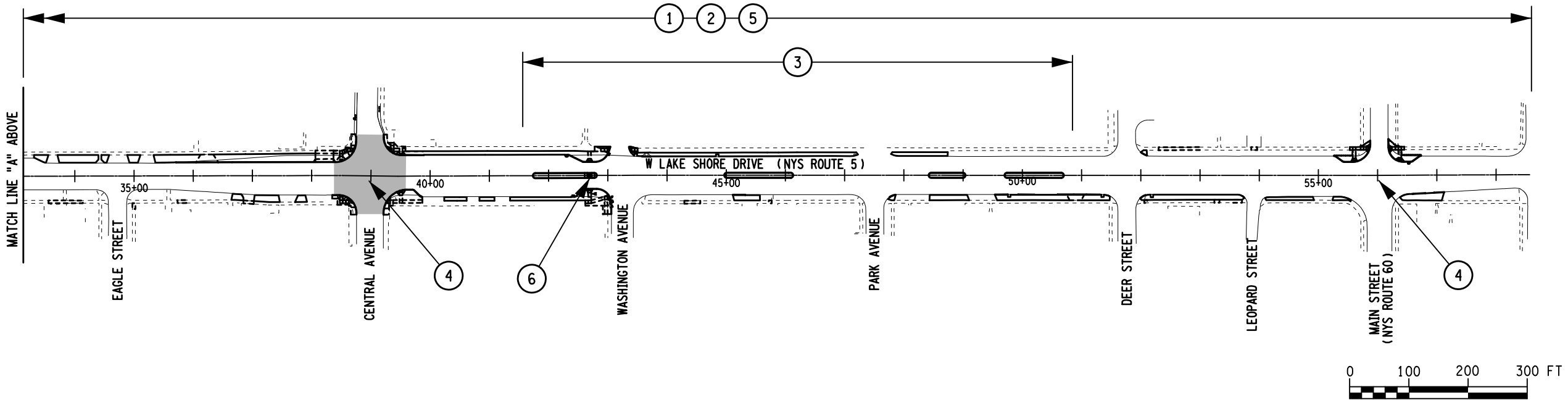


TABLE OF MAINTENANCE JURISDICTION							
PART NO.	HIGHWAY	STATION TO STATION	FEATURES TO BE MAINTAINED	STATION MILES	LANE MILES	AGENCY	AUTHORITY
PROJECT ROADWAY							
1	LAKE SHORE DRIVE	10+00.0 TO 58+50.0	PAVEMENT, CURBS, DRAINAGE SYSTEMS	0.92	2.76	NYSDOT	HIGHWAY LAW SECTION 349-C
2	LAKE SHORE DRIVE	10+00.0 TO 58+50.0	SIDEWALKS	0.92	1.84	CITY OF DUNKIRK	HIGHWAY LAW SECTION 81
3	LAKE SHORE DRIVE	18+42.2 TO 30+16.1 41+48.3 TO 50+81.6	LANDSCAPING OF RAISED MEDIANS	0.18	0.18	CITY OF DUNKIRK	HIGHWAY LAW SECTION 349-C
4	LAKE SHORE DRIVE	10+00.0 TO 10+75.0 38+50.0 TO 39+50.0 55+50.0 TO 56+50.0	TRAFFIC SIGNAL SYSTEMS AT THE INTERSECTIONS OF LAKE SHORE WITH BRIGHAM, CENTRAL AND MAIN			NYSDOT	HIGHWAY LAW SECTION 349-C
SNOW AND ICE REMOVAL							
5	LAKE SHORE DRIVE	10+00.0 TO 58+50.0	PAVEMENT	0.92	2.76	NYSDOT	HIGHWAY LAW SECTION 81
6	LAKE SHORE DRIVE	29+98.7 TO 30+11.6 42+61.2 TO 42+77.2	MEDIAN CROSSWALKS ON LAKE SHORE DRIVE	0.01	0.01	CITY OF DUNKIRK	HIGHWAY LAW SECTION 349-C

NOTES:  
1. ADJUSTED DRIVEWAYS OR PRIVATE ROADS, RESIDENTIAL ENTRANCE WALKS, AND STAIRS SHALL BE MAINTAINED BY THE PROPERTY OWNER(S) INCLUDING SNOW REMOVAL.  
2. THIS MAINTENANCE JURISDICTION TABLE INDICATES THE DIVISION OF RESPONSIBILITY FOR MAINTENANCE OF THIS PROJECT AFTER COMPLETION OF CONSTRUCTION.  
IT IN NO WAY RELIEVES THE CONTRACTOR OF THEIR RESPONSIBILITY FOR WORK ZONE TRAFFIC CONTROL AS PROVIDED UNDER ITEM 619 DURING CONSTRUCTION.



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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

MAINTENANCE JURISDICTION  
PLAN & TABLE

SCALE 1" = 200'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 18 OF 94	DRAWING NO. MJ-01




DRAINAGE STRUCTURE TABLE							
DRAINAGE NUMBER	STATION	OFFSET	STRUCTURE TYPE	FRAME NO.	FRAME ELEV.	INVERT ELEV.	DESCRIPTION
DS5-1	28+83.6	20.3 RT	EX	-	578.86	SE 577.06 W 575.16	ADJUST EXISTING CATCH BASIN TO GRADE.
DS6-1	30+05	21 RT	EX	-	579.36	E 575.66	REMOVE EXISTING INLET AND 11 +/- LF OF EXISTING 8" CPP TO THE EAST
DS6-2	30+13	21.6 RT	A	3	579.46	E 575.62	INSTALL TYPE A INLET AND OUTLET TO DS 6-3 WITH 3 LF OF 12" SICPP AT 0.50%.
DS6-3	30+19.3	20.5 RT	EX	MH	579.52	W -	EXISTING MANHOLE TO REMAIN.
DS 7-1	38+73.3	46.9 RT	EX	-	585.03	S 581.93	ADJUST EXISTING CATCH BASIN TO GRADE.
DS 8-1	42+41.6	34.2 RT	A	3	581.70	SE 577.71	INSTALL TYPE A DRAINAGE STRUCTURE AND OUTLET TO DS 8-6 WITH 52 LF OF 15" SICPP AT 0.50%
DS 8-2	42+30.8	33.0 LT	S	11	581.45	N 577.15	INSTALL TYPE S DRAINAGE STRUCTURE AND OUTLET TO DS 8-3 WITH 3 LF OF 12" SICPP AT 0.50%.
DS 8-3	42+30.8	37.9 LT	48	MH	581.82	E 577.13 W 577.13 S 577.13	INSTALL 48 MH AND REMOVE +/-5LF OF EXISTING 12" CMP TO THE EAST AND WEST. CONNECT TO EXISTING 12" CMP WITH +/-5LF OF PROPOSED 12" SICPP TO EAST AND WEST WITH CONCRETE COLLARS.
DS 8-4	42+85.5	37.2 LT	60	MH	581.61	E 576.77 SE 574.17 W 576.77 S 577.07	REMOVE EXISTING INLET AND MANHOLE. INSTALL 60" MH AND REMOVE +/-5 LF OF 12" CMP TO WEST. CONNECT TO EXISTING 12" CMP WITH +/-5LF OF PROPOSED 12" SICPP AND CONCRETE COLLAR. CONNECT TO EXISTING 18" CPP WITH +/-5LF OF PROPOSED 18" SICPP TO SOUTH WITH CONCRETE COLLAR. OUTLET AND CONNECT TO EXISTING 18" CPP WITH +/-5LF OF PROPOSED 18" SICPP TO SOUTHEAST WITH CONCRETE COLLAR.
DS 8-5	42+86.7	33.2 LT	EX	11	581.16	N 577.16 S 577.16	REMOVE EXISTING INLET AND EXISTING PIPE TO THE NORTH AND +/- 5LF OF 18"CPP TO THE SOUTH.
DS 8-6	42+95.9	47.1 RT	72	MH	581.41	E 577.45 W 577.45 N 577.45	REMOVE EXISTING MANHOLE AND INLET. INSTALL 72" MH AND REMOVE +/-5 LF OF 18" CMP TO THE NORTH. CONNECT TO EXISTING 18" CMP WITH PROPOSED 18" SICPP TO NORTH WITH CONCRETE COLLAR.
DS 8-7	43+02.4	36.3 LT	S	11	581.26	W 576.84	INSTALL TYPE S DRAINAGE STRUCTURE AND OUTLET TO DS8-4 WITH 14 LF OF 12" SICPP AT 0.50%.
DS 8-8	43+07.3	44.1 RT	A	3	581.01	W 577.49	INSTALL TYPE A DRAINAGE STRUCTURE AND OUTLET TO DS8-6 WITH 8 LF OF 12" SICPP AT 0.50%.
DS11-1	56+52.5	31.3 LT	EX	-	587.50	S 584.81	REMOVE EXISTING INLET AND +/- 14 LF OF 12" RCP TO THE SOUTH.
DS11-2	56+52.6	21.0 LT	S	11	587.86	S 584.79	INSTALL TYPE S DRAINAGE STRUCTURE AND CONNECT TO EXISTING 12" RCP WITH +/- 5LF OF PROPOSED 12" SICPP TO SOUTH WITH CONCRETE COLLAR.
NOTE: EXTERIORS OF ALL DRAINAGE STRUCTURES SHALL BE COATED WITH TWO COATS OF HIGH BUILD COAL TAR PAINT. INTERIOR OF ALL DRAINAGE STRUCTURES SHALL BE COATED WITH TWO COATS OF EPOXY RESIN DAMP PROOFING. COST TO BE INCLUDED IN THE PRICE BID FOR THE STRUCTURES.							

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1/6/2022  
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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

MISCELLANEOUS  
TABLES

SCALE NONE	DATE DECEMBER 2021
P.J.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 19 OF 94	DRAWING NO. MT-01

CURB TABLE													
START STATION	SIDE	OFFSET (FT)	END STATION	SIDE	OFFSET (FT)	ITEM 609.0212	ITEM 609.0401	COMMENTS					
MEDIAN													
18+46.7	LT	4.5	18+46.7	RT	4.5	14.1		R=4.5'					
18+46.7	LT	4.5	18+86.0	LT	4.5	39.3							
18+46.7	RT	4.5	18+86.0	RT	4.5	39.3							
18+86.0	LT	4.5	18+86.0	RT	4.5	14.1		R=4.5'					
20+18.6	LT	4.5	20+18.6	RT	4.5	14.1		R=4.5'					
20+18.6	LT	4.5	20+91.0	LT	4.5	72.4							
20+18.6	RT	4.5	20+91.0	RT	4.5	72.4							
20+91.0	LT	4.5	20+91.0	RT	4.5	14.1		R=4.5'					
22+98.0	LT	4.5	22+98.0	RT	4.5	14.1		R=4.5'					
22+98.0	LT	4.5	23+66.3	LT	4.5	68.3							
22+98.0	RT	4.5	23+66.3	RT	4.5	68.4							
23+66.3	LT	4.5	23+66.3	RT	4.5	14.1		R=4.5'					
24+99.3	LT	4.5	24+99.3	RT	4.5	14.1		R=4.5'					
24+99.3	LT	4.5	25+80.9	LT	4.5	81.6							
24+99.3	RT	4.5	25+80.9	RT	4.5	81.6							
25+80.9	LT	4.5	25+80.9	RT	4.5	14.1		R=4.5'					
27+69.9	LT	4.5	27+69.9	RT	4.5	14.1		R=4.5'					
27+69.9	LT	4.5	28+84.2	LT	4.5	114.3							
27+69.9	RT	4.5	28+84.2	RT	4.5	114.3							
28+84.2	LT	4.5	28+84.2	RT	4.5	14.1		R=4.5'					
29+84.8	LT	4.5	29+84.8	RT	4.5	14.1		R=4.5'					
29+84.8	LT	4.5	30+11.6	LT	4.5	26.8							
29+84.8	RT	4.5	30+11.6	RT	4.5	26.8							
30+11.6	LT	4.5	30+11.6	RT	4.5	14.1		R=4.5'					
41+77.8	LT	4.5	41+77.8	RT	4.5	14.1		R=4.5'					
41+77.8	LT	4.5	42+77.2	LT	4.5	99.4							
41+77.8	RT	4.5	42+77.2	RT	4.5	99.4							
42+77.2	LT	4.5	42+77.2	RT	4.5	14.1		R=4.5'					
45+01.0	LT	4.5	45+01.0	RT	4.5	14.1		R=4.5'					
45+01.0	LT	4.5	46+08.8	LT	4.5	107.8							
45+01.0	RT	4.5	46+08.8	RT	4.5	107.8							
46+08.8	LT	4.5	46+08.8	RT	4.5	14.1		R=4.5'					
48+46.2	LT	4.5	48+46.2	RT	4.5	14.1		R=4.5'					
48+46.2	LT	4.5	48+99.7	LT	4.5	53.5							
48+46.2	RT	4.5	48+99.7	RT	4.5	53.5							
48+99.7	LT	4.5	48+99.7	RT	4.5	14.1		R=4.5'					
49+74.1	LT	4.5	49+74.1	RT	4.5	14.1		R=4.5'					
49+74.1	LT	4.5	50+65.7	LT	4.5	91.6							
49+74.1	RT	4.5	50+65.7	RT	4.5	91.6							
50+65.7	LT	4.5	50+65.7	RT	4.5	14.1		R=4.5'					
OUTSIDE TRAVELWAY													
20+33.4	RT	22.3	20+56.1	RT	22.4		22.7						
24+98.7	RT	22.0	25+31.2	RT	22.1		32.5						
25+98.6	LT	30.8	26+07.7	LT	29.7		9.4	R=40'					
26+84.7	LT	29.6	26+94.0	LT	30.8		9.3	R=40'					
27+69.3	RT	22.1	28+31.7	RT	22.2		62.4						
28+74.0	RT	22.2	28+88.7	RT	22.2		14.7						
29+84.9	LT	30.7	29+88.4	LT	29.3		3.9	R=5'					
29+88.4	LT	29.3	29+93.7	LT	24.0		7.5						
29+93.7	LT	24.0	29+97.2	LT	22.5		3.9	R=5'					
29+97.2	LT	22.5	30+13.1	LT	22.5		15.9						
30+13.1	LT	22.5	30+16.6	LT	24.0		3.9	R=5'					
30+16.6	LT	24.0	30+21.8	LT	29.1		7.3						
30+21.8	LT	29.1	30+25.3	LT	30.6		3.9	R=5'					
29+99.7	RT	22.5	30+06.8	RT	22.6		7.1						
30+06.8	RT	22.6	30+16.3	RT	23.8		9.6	R=38'					
30+64.2	LT	30.5	30+85.5	LT	30.6		21.3						
30+68.9	RT	28.0	30+81.6	RT	22.9		13.9	R=14'					

START STATION	SIDE	OFFSET (FT)	END STATION	SIDE	OFFSET (FT)	ITEM 609.0212	ITEM 609.0401	COMMENTS					
OUTSIDE TRAVELWAY CONT.													
35+70.9	LT	22.5	38+40.4	LT	22.5		269.5						
38+40.4	LT	22.5	38+74.6	LT	57.0		54.1	R=35'					
38+74.6	LT	57.0	38+74.7	LT	65.1		8.1						
38+74.7	LT	65.1	38+73.0	LT	69.6		4.8						
38+34.6	RT	32.8	38+45.7	RT	32.8		11.1						
38+45.7	RT	32.8	38+76.7	RT	62.6		47.3	R=30'					
38+76.7	RT	62.6	38+76.7	RT	65.7		3.1						
39+20.6	LT	69.6	39+20.7	LT	65.0		4.6						
39+20.7	LT	65.0	39+51.6	LT	35.3		47.0	R=30'					
39+51.6	LT	35.3	39+58.4	LT	35.3		6.8						
39+58.4	LT	35.3	39+89.5	LT	35.2		31.1						
39+21.8	RT	65.3	39+21.8	RT	62.8		2.5						
39+21.8	RT	62.8	39+60.8	RT	22.5		62.7	R=40'					
39+60.8	RT	22.5	39+70.0	RT	22.5		9.2						
39+70.0	RT	22.5	39+73.5	RT	24.0		3.9	R=5'					
39+73.5	RT	24.0	39+82.9	RT	33.3		13.2						
39+82.9	RT	33.3	39+86.4	RT	34.8		3.9	R=5'					
42+27.5	LT	34.5	42+32.7	LT	34.5		5.2						
42+32.7	LT	34.5	42+34.8	LT	34.0		2.2	R=5'					
42+34.8	LT	34.0	42+57.8	LT	23.0		25.5						
42+57.8	LT	23.0	42+60.0	LT	22.5		2.2	R=5'					
42+60.0	LT	22.5	42+78.2	LT	22.5		18.2						
42+78.2	LT	22.5	43+01.8	LT	39.2		30.9	R=25'					
43+01.8	LT	39.2	43+04.8	LT	47.9		9.2						
42+39.9	RT	35.7	42+43.3	RT	35.7		3.4						
42+43.3	RT	35.7	42+46.9	RT	34.2		3.9	R=5'					
42+46.9	RT	34.2	42+57.3	RT	23.9		14.6						
42+57.3	RT	23.9	42+60.8	RT	22.5		3.9	R=5'					
42+60.8	RT	22.5	42+81.0	RT	22.5		20.2						
42+81.0	RT	22.5	43+06.0	RT	47.6		39.3	R=25'					
43+06.0	RT	47.6	43+05.9	RT	65.4		17.8						
43+35.8	LT	47.9	43+39.6	LT	37.9		10.8	R=23'					
43+58.0	LT	31.5	43+73.0	LT	31.3		15.0						
45+11.1	RT	32.8	45+32.2	RT	32.7		21.1						
47+75.9	RT	36.6	47+86.0	RT	32.6		11.1	R=21.5'					
49+53.5	RT	32.3	49+75.4	RT	32.2		21.9						
49+92.7	RT	32.2	50+20.4	RT	32.2		27.7						
50+59.3	RT	32.2	51+31.2	RT	32.2		71.9						
51+98.6	RT	39.0	52+08.3	RT	33.1		11.5	R=19.3'					
52+00.0	LT	38.9	52+10.4	LT	33.2		12.0	R=27.3'					
55+26.2	LT	32.5	55+29.0	LT	31.6		3.1	R=5'					
55+29.0	LT	31.6	55+40.7	LT	23.4		14.3						
55+40.7	LT	23.4	55+43.5	LT	22.5		3.1	R=5'					
55+43.5	LT	22.5	55+57.6	LT	22.5		14.1						
55+57.6	LT	22.5	55+87.6	LT	52.6		47.2	R=30'					
55+87.6	LT	52.6	55+87.6	LT	58.5		5.9						
56+17.9	LT	61.2	56+18.2	LT	47.0		14.2						
56+18.2	LT	47.0	56+43.2	LT	22.5		38.8	R=25'					
56+43.2	LT	22.5	56+56.2	LT	22.5		13.0						
56+56.2	LT	22.5	56+59.1	LT	23.4		3.1	R=5'					
56+59.1	LT	23.4	56+70.4	LT	31.4		13.8						
56+70.4	LT	31.4	56+73.3	LT	32.3		3.1	R=5'					
56+59.7	RT	31.1	56+80.3	RT	30.1		20.6						
56+94.8	RT	29.4	57+12.2	RT	28.6		17.4						
TOTAL								1793	1444				
PAYMENT SHALL BE MADE UNDER: ITEM 609.0212 - STONE CURB, NEAR VERTICAL FACE (NVF) ITEM 609.0401 - CAST-IN-PLACE CONCRETE CURB TYPE VF150 (LF)													

FLEXIBLE DELINIATOR TABLE			
STATION	SIDE	OFFSET	COLOR
18+46.74	LT	3.38	YELLOW
18+46.74	RT	3.37	YELLOW
18+85.97	LT	3.37	YELLOW
18+85.97	RT	3.38	YELLOW
20+18.56	LT	3.37	YELLOW
20+18.56	RT	3.37	YELLOW
20+90.94	LT	3.37	YELLOW
20+90.94	RT	3.38	YELLOW
22+97.97	LT	3.37	YELLOW
22+97.97	RT	3.37	YELLOW
23+66.34	LT	3.38	YELLOW
23+66.34	RT	3.37	YELLOW
24+99.34	LT	3.37	YELLOW
24+99.34	RT	3.38	YELLOW
25+80.90	LT	3.37	YELLOW
25+80.90	RT	3.38	YELLOW
27+69.61	LT	3.38	YELLOW
27+69.61	RT	3.38	YELLOW
28+84.17	LT	3.37	YELLOW
28+84.17	RT	3.38	YELLOW
29+84.82	LT	3.37	YELLOW
29+84.82	RT	3.38	YELLOW
29+87.22	LT	31.39	WHITE
29+95.74	LT	23.94	WHITE
30+11.64	LT	3.87	YELLOW
30+11.64	RT	3.38	YELLOW
30+14.56	LT	23.94	WHITE
30+22.95	LT	31.25	WHITE
39+58.47	RT	23.69	WHITE
39+71.45	RT	23.92	WHITE
39+84.07	RT	35.46	WHITE
41+77.77	RT	3.37	YELLOW
41+77.77	LT	3.38	YELLOW
42+34.03	LT	35.48	WHITE
42+46.86	RT	35.69	WHITE
42+59.08	LT	23.74	WHITE
42+59.31	RT	23.92	WHITE
42+77.22	RT	3.37	YELLOW
42+77.23	LT	3.37	YELLOW
42+78.18	LT	23.65	WHITE
42+80.97	RT	23.62	WHITE
45+01.01	LT	3.38	YELLOW
45+01.01	RT	3.38	YELLOW
46+08.80	LT	3.37	YELLOW
46+08.81	RT	3.38	YELLOW
48+46.16	LT	3.38	YELLOW
48+46.16	RT	3.38	YELLOW
48+99.70	LT	3.38	YELLOW
48+99.72	RT	3.37	YELLOW
49+74.12	LT	3.37	YELLOW
49+74.13	RT	3.38	YELLOW
50+65.72	LT	3.37	YELLOW
50+65.74	RT	3.37	YELLOW
55+28.01	LT	33.31	WHITE
55+42.37	LT	23.82	WHITE
55+66.03	LT	24.87	WHITE
56+45.25	LT	23.62	WHITE
56+57.40	LT	23.83	WHITE
56+71.44	LT	33.15	WHITE

VALVE ADJUSTMENT TABLE				
STATION	OFFSET (FT.)	SIDE	ITEM 663.33 (EA)	DISPOSITION
38+87.0	27.3	RT	1	ADJUST EXSTING VALVE TO GRADE
39+31.0	32.2	LT	1	ADJUST EXSTING VALVE TO GRADE
40+57.4	36.8	RT	1	ADJUST EXSTING VALVE TO GRADE
41+93.9	38.1	RT	2	ADJUST EXSTING VALVE TO GRADE
43+00.2	50.8	RT	1	ADJUST EXSTING VALVE TO GRADE
45+49.1	37.3	RT	1	ADJUST EXSTING VALVE TO GRADE
55+42.9	39.3	RT	1	ADJUST EXSTING VALVE TO GRADE
56+70.8	36.3	RT	1	ADJUST EXSTING VALVE TO GRADE
57+03.3	31.9	RT	1	ADJUST EXSTING VALVE TO GRADE
TOTAL			10	
PAY ITEM DESCRIPTION: ITEM 663.33 - ADJUST EXISTING VALVE BOX ELEVATION				

UNDERDRAIN TABLE								
FROM UPSTREAM			TO DOWNSTREAM			ITEM	ITEM	ITEM
STATION	SIDE	FEATURE	STATION	SIDE	FEATURE	206.0201 (CY)	605.0901 (CY)	605.1501 (LF)
38+74	LT	EXISTING	35+71	LT	EXISTING	22.4	21.2	303
TOTAL						22	21	303
PAYMENT SHALL BE MADE UNDER: ITEM 206.0201 - TRENCH AND CULVERT EXCAVATION (CY) ITEM 605.0901 - UNDERDRAIN FILTER, TYPE I (CY) ITEM 605.1501 - PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, 4 INCH DIAMETER (LF)								

FIELD INLET ADJUSTMENT TABLE				
STATION	OFFSET (FT.)	SIDE	ITEM 604.070503 (EA)	DISPOSITION
41+92.9	38.4	LT	1	ADJUST EXISTING FIELD INLET TO GRADE
43+00.3	49.7	LT	1	ADJUST EXISTING FIELD INLET TO GRADE
49+04.5	36.9	RT	1	ADJUST EXISTING FIELD INLET TO GRADE
TOTAL			3	
PAY ITEM DESCRIPTION: ITEM 604.070503 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES				

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EDUCATION LAW ARTICLE 145, SECTION T209.

REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

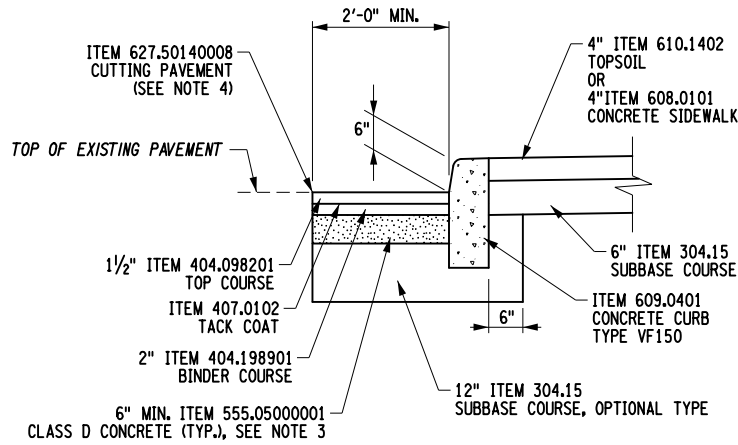
LAKE SHORE DRIVE

DRAWING TITLE

MISCELLANEOUS  
TABLES

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 21 OF 94	DRAWING NO. MT-03

1. CROSS-SLOPE OF CONCRETE SIDEWALK IS 1.5% MAXIMUM FOR DESIGN AND LAYOUT, AND 2" MAXIMUM FOR WORK ACCEPTANCE.
2. PROVIDE 1/2 INCH WIDE EXPANSION JOINT BETWEEN NEW CONCRETE CONSTRUCTION AND BACK EDGE CURB, CONCRETE GUTTER, OTHER PAVED AREAS, BUILDINGS, WALLS, POLE BASES AND OTHER STRUCTURES /APPURTENANCES.
3. FOR EXPANSION JOINT USE 1/2 INCH WIDE PREMOULDED EXPANSION JOINT MATERIAL, SEALED WITH 1/2 INCH WIDE CAULKING SEALANT 5/8 INCH DEEP.

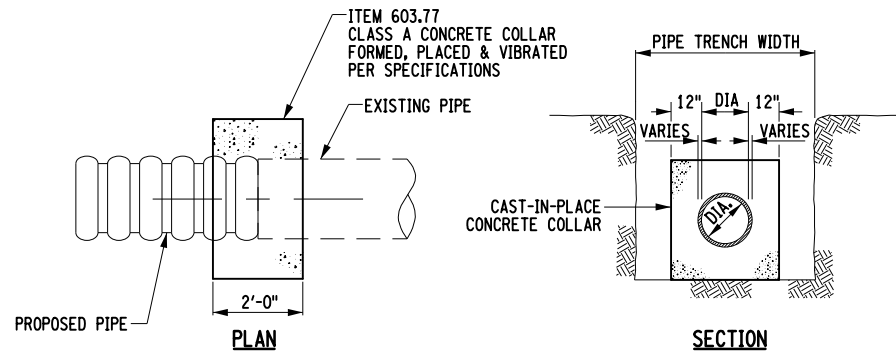


CONCRETE CURB REPLACEMENT DETAIL

NOT TO SCALE

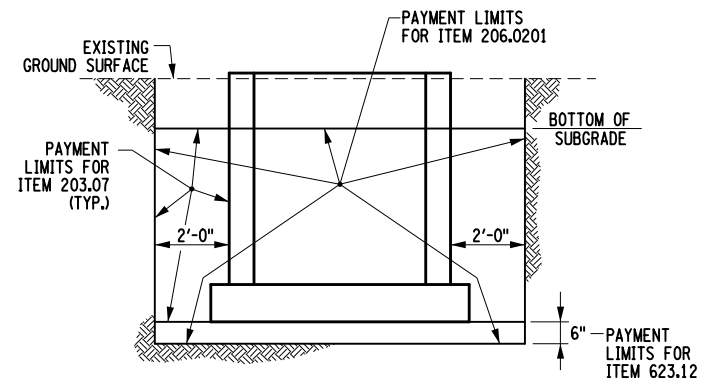
CONCRETE CURB NOTES:

1. CAST-IN-PLACE CONCRETE CURB TYPE VF150 SHALL BE DETAILED ACCORDING TO STANDARD SHEET 609-03.
2. PROVIDE 0" CURB REVEAL FOR HEADER CURB AT SIDEWALK RAMPS AND 1/2" FOR HEADER CURB AT DRIVEWAYS.
3. THE TOP OF THE NEW CLASS D CONCRETE IS TO BE EVEN WITH OR LOWER THAN THE TOP OF THE EXISTING BASE, IN ORDER TO PROVIDE MINIMUM THICKNESS ASPHALT TOP AND BINDER.
4. SEAL SEAM WITH BITUMINOUS SEALER CORRESPONDING TO NYSDOT MATERIAL DESIGNATION 702-0700. COST INCLUDED IN PAVEMENT ITEMS.
5. ITEM 520.51000006 - SAWCUTTING EXISTING CONCRETE, GRANITE AND ASPHALT CURBS SHALL BE USED TO SEPARATE NEW CURBS FROM EXISTING.



### CONCRETE COLLAR CONNECTION

NOT TO SCALE



### EXCAVATION AND BACKFILL DETAIL FOR DRAINAGE STRUCTURES

NOT TO SCALE

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1/6/2022

DATE \_\_\_\_\_

DATE \_\_\_\_\_

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EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

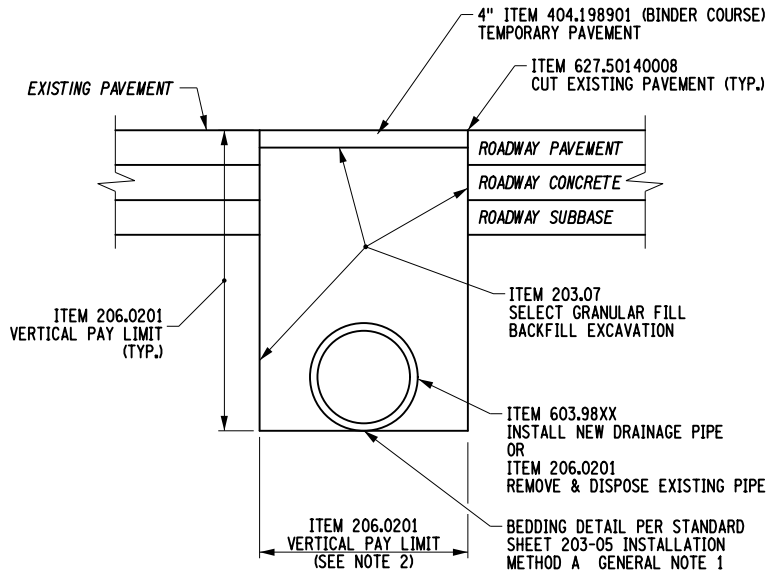
LAKE SHORE DRIVE

DRAWING TITLE

## MISCELLANEOUS DETAILS

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 22 OF 94	DRAWING NO. MD-01

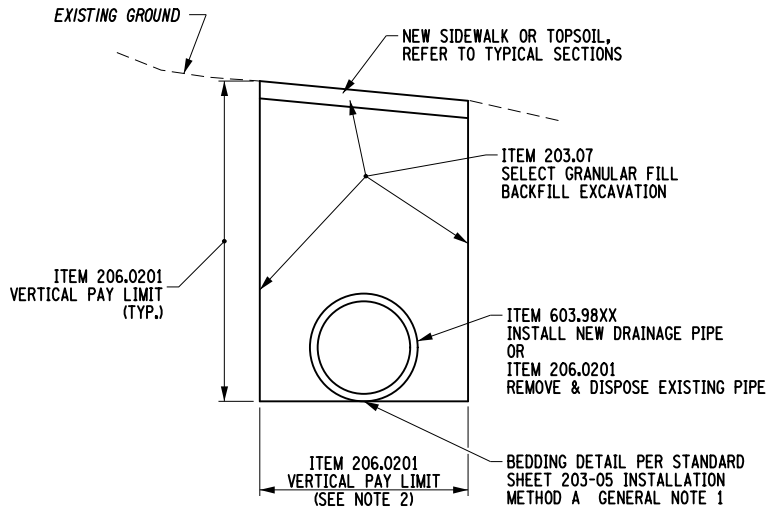




**TRENCH DETAIL  
TEMPORARY TRENCH RESTORATION**  
NOT TO SCALE

NOTES:

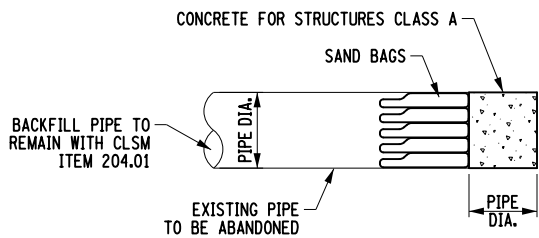
1. THE CONTRACTOR SHALL REMOVE EXISTING PIPE UNDER THE INSTALLATION OF PROPOSED DRAINAGE PIPE WHEN IN THE SAME TRENCH.
2. PROPOSED: THE PAY LIMIT WIDTH OF TRENCH SHALL BE PAID PER STANDARD SHEET 203-05 INSTALLATION METHOD A TABLE 1. REMOVAL: THE PAY LIMIT WIDTH OF TRENCH SHALL BE A MINIMUM OF 2 FEET WIDE OR O.D. OF THE EXISTING PIPE, WHICHEVER IS GREATER, IN LOCATION WHERE THE EXISTING PIPE IS OUTSIDE OF THE PROPOSED TRENCH.
3. THE FINAL PAVEMENT SECTION SHALL MATCH TYPICAL SECTIONS. PAYMENT SHALL BE MADE UNDER RESPECTIVE ITEMS.



**TRENCH DETAIL  
OUTSIDE PAVEMENT LIMITS**  
NOT TO SCALE

NOTES:

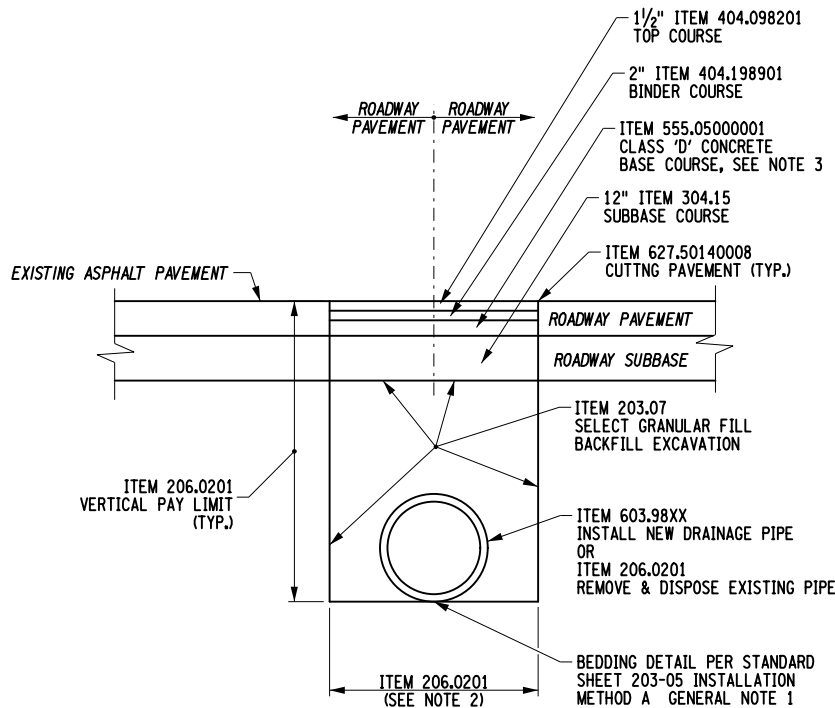
1. THE CONTRACTOR SHALL REMOVE EXISTING PIPE UNDER THE INSTALLATION OF PROPOSED DRAINAGE PIPE WHEN IN THE SAME TRENCH.
2. PROPOSED: THE PAY LIMIT WIDTH OF TRENCH SHALL BE PAID PER STANDARD SHEET 203-05 INSTALLATION METHOD A TABLE 1. REMOVAL: THE PAY LIMIT WIDTH OF TRENCH SHALL BE A MINIMUM OF 2 FEET WIDE OR O.D. OF THE EXISTING PIPE, WHICHEVER IS GREATER, IN LOCATION WHERE THE EXISTING PIPE IS OUTSIDE OF THE PROPOSED TRENCH.



**PIPE PLUG DETAIL**  
NOT TO SCALE

NOTES:

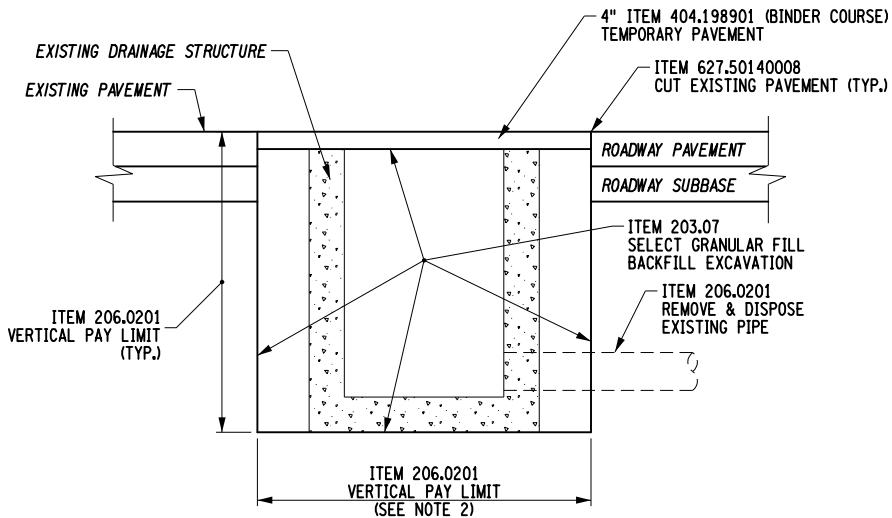
1. THE COST OF SAND BAGS AND CONCRETE FOR STRUCTURES, CLASS A SHALL BE INCLUDED IN THE TRENCH AND CULVERT EXCAVATION, ITEM 206.0201.
2. ACCESS PIPE THROUGH EXISTING STRUCTURE IN ORDER TO BACKFILL WHEN NO PORTION OF THE PIPE IS TO BE REMOVED.
3. REFER TO DRAINAGE TABLES ON DWG. MST-01 FOR PLUG LOCATIONS.



**PERMANENT TRENCH RESTORATION**  
NOT TO SCALE

NOTES:

1. THE CONTRACTOR SHALL REMOVE EXISTING PIPE UNDER THE INSTALLATION OF PROPOSED DRAINAGE PIPE WHEN IN THE SAME TRENCH.
2. THE PAY LIMIT WIDTH OF TRENCH SHALL BE PAID PER STANDARD SHEET 203-05 INSTALLATION METHOD A TABLE 1.
3. CONCRETE BASE DEPTH SHALL MATCH EXISTING BASE DEPTH.



**REMOVAL OF DRAINAGE STRUCTURE  
BELOW PAVEMENT**  
NOT TO SCALE

NOTES:

1. THE CONTRACTOR SHALL REMOVE EXISTING PIPE UNDER THE INSTALLATION OF PROPOSED DRAINAGE PIPE WHEN IN THE SAME TRENCH.
2. THE PAY LIMIT WIDTH OF TRENCH SHALL BE 6 INCHES BEYOND THE EXTERIOR LIMITS OF THE EXISTING STRUCTURE. IN LOCATIONS WHERE THE EXISTING STRUCTURE IS OUTSIDE OF THE PROPOSED TRENCH.
3. THE FINAL PAVEMENT SECTION SHALL MATCH TYPICAL SECTIONS. PAYMENT SHALL BE MADE UNDER RESPECTIVE ITEMS.

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

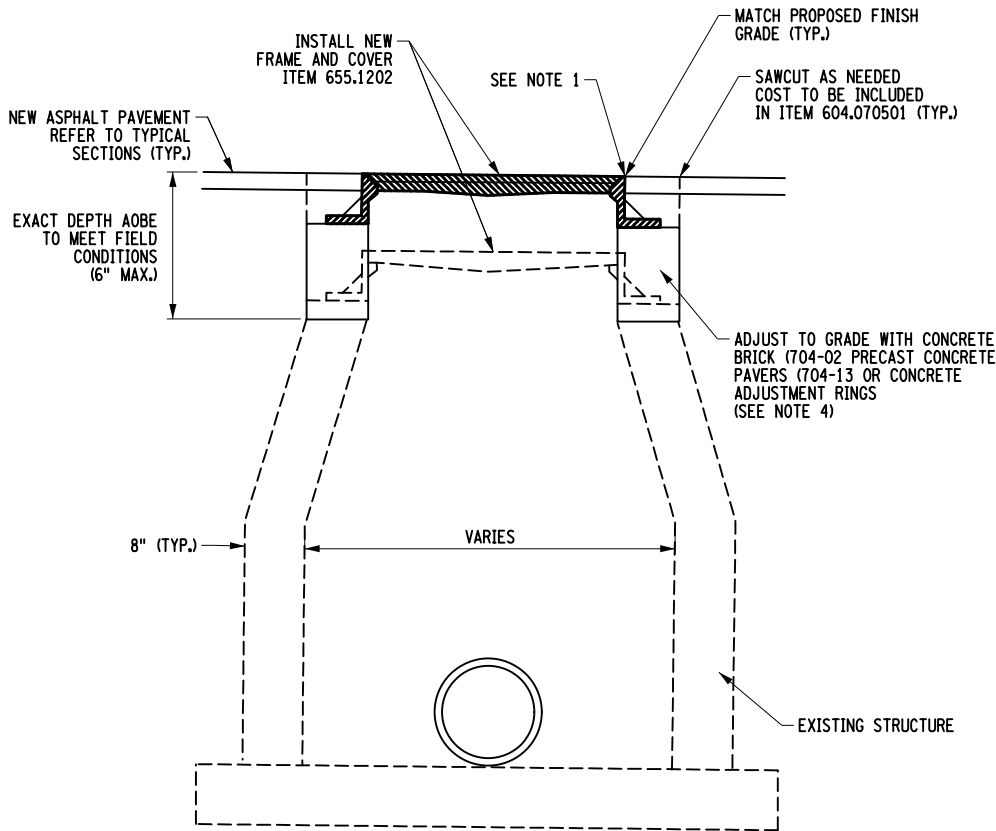
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

MISCELLANEOUS  
DETAILS

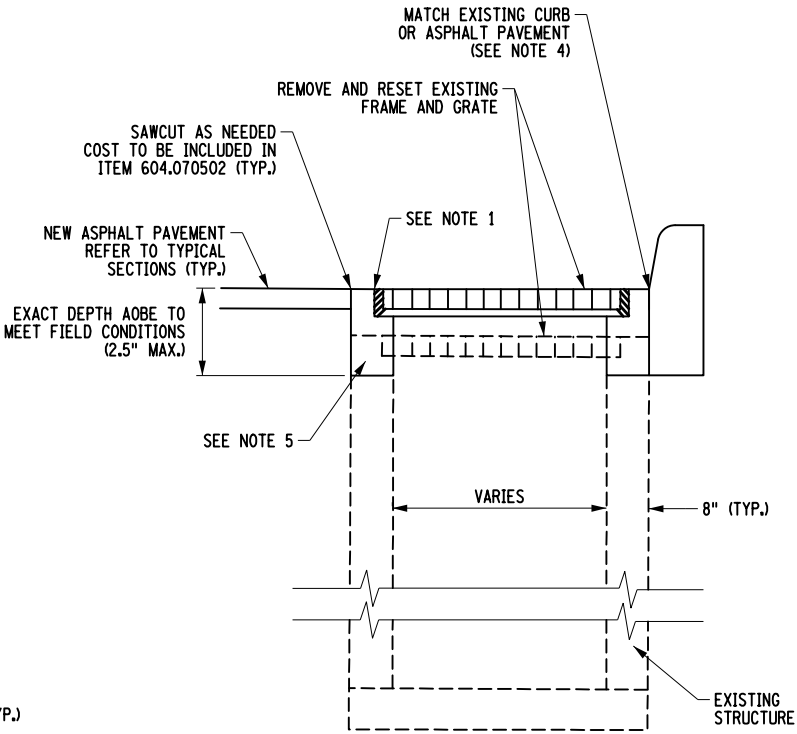
SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 23 OF 94	DRAWING NO. MD-02



**ALTERING MANHOLE STRUCTURE DETAIL**  
**(6 INCHES OR LESS)**  
**ITEM 604.070501**  
NOT TO SCALE

**MANHOLE STRUCTURE NOTES:**

1. NEW ASPHALT PAVEMENT SHALL BE FLUSH WITH MANHOLE FRAME.
2. SEE MANHOLE ADJUSTMENT TABLES DRAWING FOR APPROXIMATE LOCATIONS.
3. STRUCTURES SHALL BE ALTERED PRIOR TO PAVING FINAL COURSE.
4. ADJUSTMENTS OF FRAME AND GRATES UP TO 2.5 INCHES SHALL BE MADE WITH BEDDING MATERIAL MEETING THE REQUIREMENTS OF CONCRETE REPAIR MATERIAL (701-04), RAPID HARDENING CONCRETE REPAIR MATERIALS (701-09) OR CONCRETE REPAIR MATERIAL - HIGH EARLY STRENGTH (701-12) (PER STANDARD SHEET 604-02, NOTE 10).



**ALTERING DRAINAGE STRUCTURE DETAIL**  
**(2.5 INCHES OR LESS)**  
**ITEM 604.070502**  
NOT TO SCALE

**NOTES:**

1. NEW ASPHALT PAVEMENT SHALL BE FLUSH WITH DRAINAGE STRUCTURE FRAME.
2. SEE DRAINAGE ADJUSTMENT TABLE DRAWING FOR APPROXIMATE LOCATIONS.
3. DRAINAGE STRUCTURES SHALL BE ALTERED PRIOR TO PAVING FINAL COURSE.
4. CURB IS SHOWN BEHIND STRUCTURE FOR ILLUSTRATIVE PURPOSES. ACTUAL FIELD CONDITIONS MAY VARY.
5. ADJUSTMENTS OF FRAME AND GRATES UP TO 2.5 INCHES SHALL BE MADE WITH BEDDING MATERIAL MEETING THE REQUIREMENTS OF CONCRETE REPAIR MATERIAL (701-04), RAPID HARDENING CONCRETE REPAIR MATERIALS (701-09) OR CONCRETE REPAIR MATERIAL - HIGH EARLY STRENGTH (701-12) (PER STANDARD SHEET 604-02, NOTE 10).
6. DETAIL ABOVE REFERS TO STRUCTURES THAT NEED TO BE RAISED. SOME STRUCTURES MAY REQUIRE LOWERING, IN WHICH CASE COST TO LOWER FRAME AND GRATE, INCLUDING ANY STRUCTURE MODIFICATIONS, SHALL BE INCLUDED IN ITEM 604.070501.

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REVISIONS			
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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

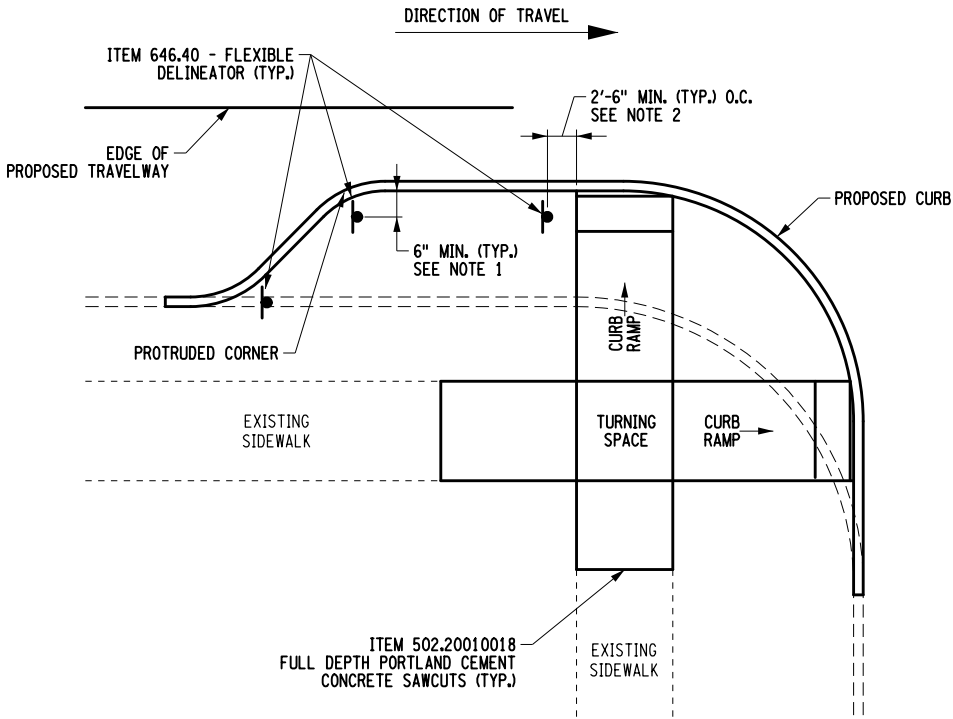
DRAWING TITLE

MISCELLANEOUS  
DETAILS

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 24 OF 94	DRAWING NO. MD-03

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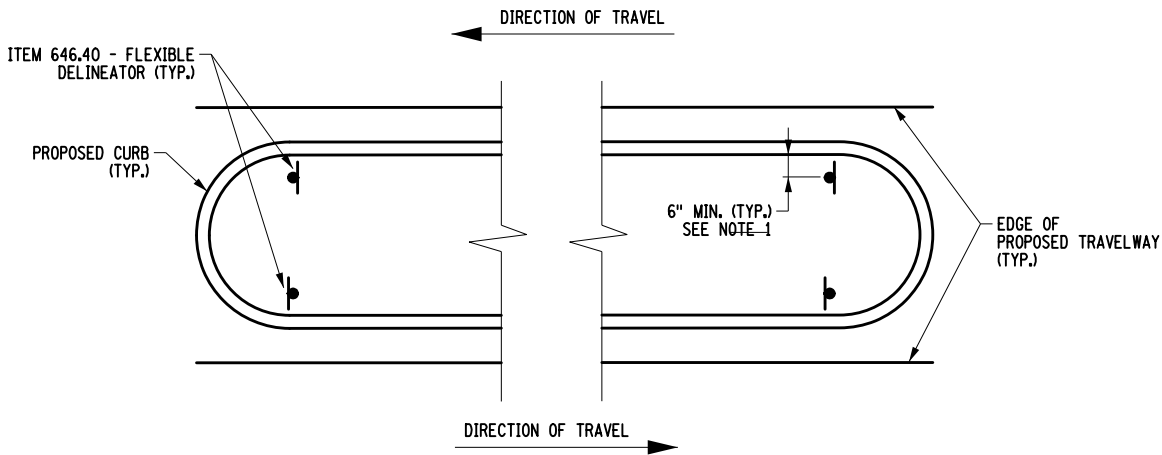
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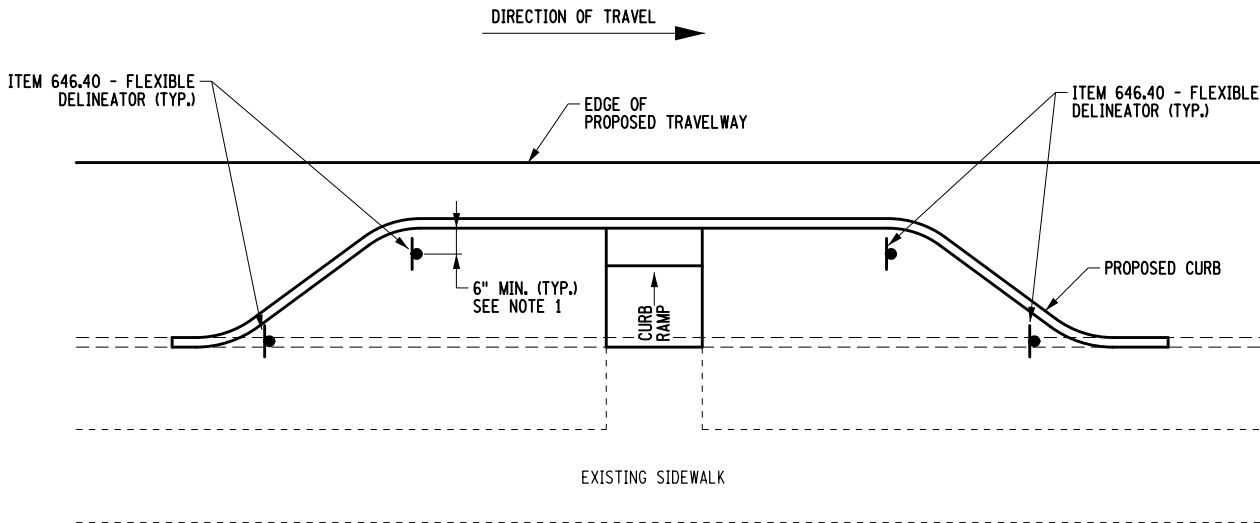
TYPICAL CORNER BUMP-OUT  
FLEXIBLE DELINEATOR LAYOUT  
(PROTRUDED CORNER IS ON LEADING END)  
NOT TO SCALE

NOTES:

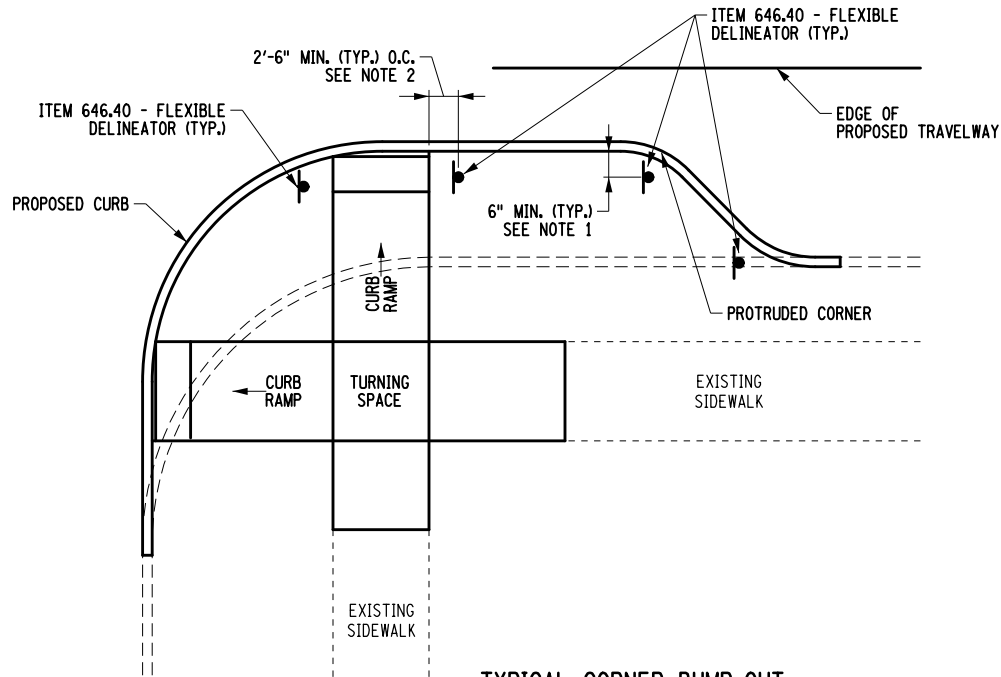
1. THE EDGE OF DELINEATOR CLOSEST TO CURB SHALL BE OFFSET A MINIMUM 6" FROM THE BACK FACE OF THE PROPOSED CURB.
2. THE EDGE OF DELINEATOR CLOSEST TO CURB RAMP SHALL BE OFFSET A MINIMUM 2'-6" FROM THE EDGE OF THE CURB RAMP AND/OR RAMP SIDE FLARE.
3. FLEXIBLE DELINEATORS SHALL BE SURFACE MOUNTED TO THE CONCRETE SIDEWALK.



TYPICAL ROADWAY MEDIAN ISLAND  
FLEXIBLE DELINEATOR LAYOUT  
NOT TO SCALE



TYPICAL MID-LOCK BUMP-OUT  
FLEXIBLE DELINEATOR LAYOUT  
NOT TO SCALE



TYPICAL CORNER BUMP-OUT  
FLEXIBLE DELINEATOR LAYOUT  
(PROTRUDED CORNER IS ON TRAILING END)  
NOT TO SCALE

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

MISCELLANEOUS  
DETAILS

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 25 OF 94	DRAWING NO. MD-04

9. THE EXCAVATION WATER LEVEL SHALL BE KEPT A MINIMUM OF 12" BELOW THE WATERMAIN INVERT DURING INSTALLATION.



NOTE: WIDTH (W) OF BLOCK SHALL NOT EXCEED TWICE THE HEIGHT (H)



## WATER MAIN TRENCH DETAIL

1. ITEM 552.17 - SHIELDS AND SHORING SHALL BE USED AS REQUIRED.

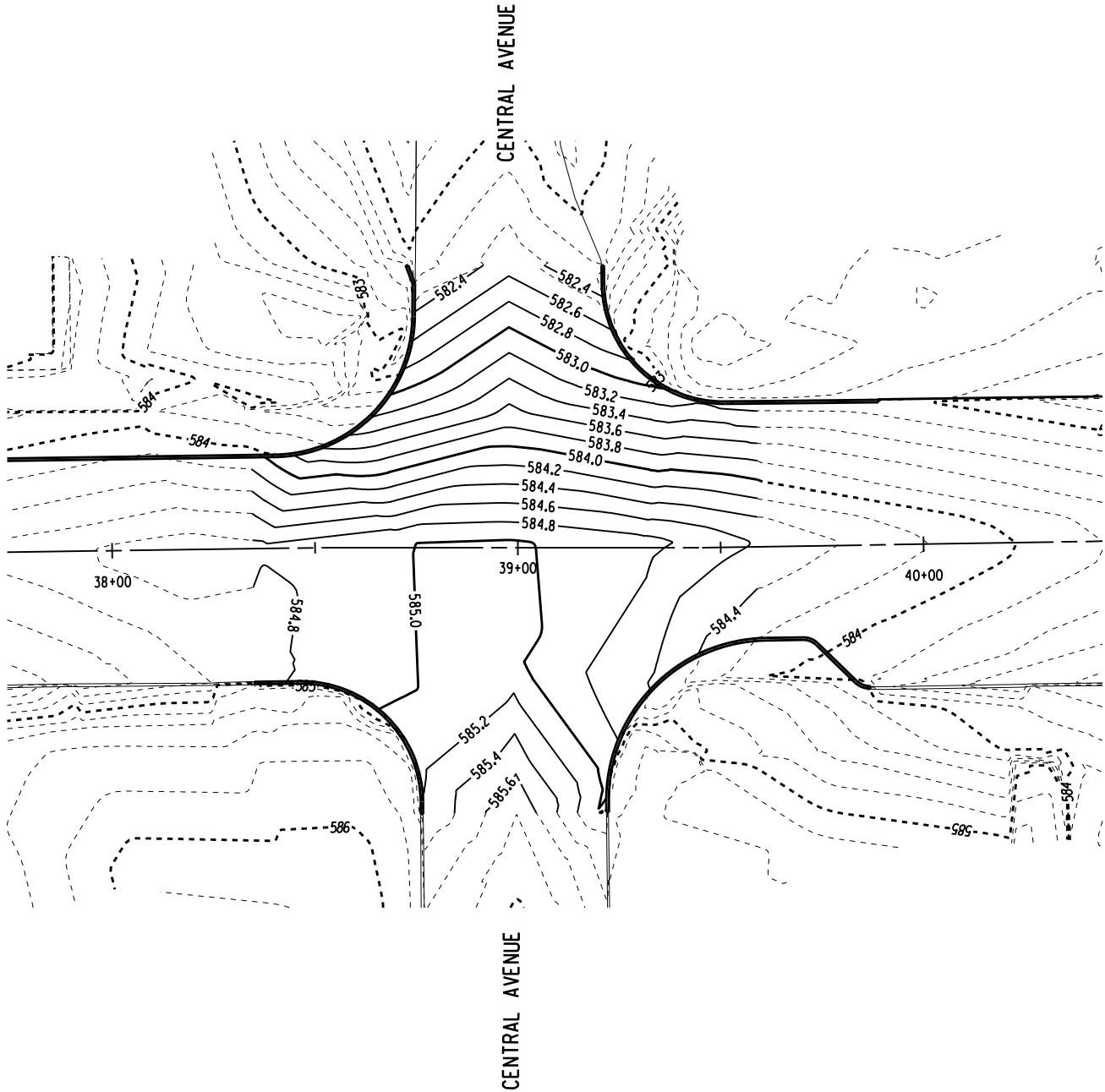
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P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 26 OF 94	DRAWING NO. MD-05



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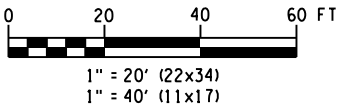
DESIGN SUPERVISOR W. McCORMICK JOB MANAGER P. PRESUTTI DESIGNED BY P. PRESUTTI CHECKED BY A. BLACKMON ESTIMATED BY A. BLACKMON DRAFTED BY S. BEAMAN CHECKED BY A. BLACKMON

W LAKE SHORE DRIVE (NYS ROUTE 5)



INTERSECTION GRADING PLAN  
1" = 40'

GRID  
NORTH



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CITY OF DUNKIRK

PROJECT NAME

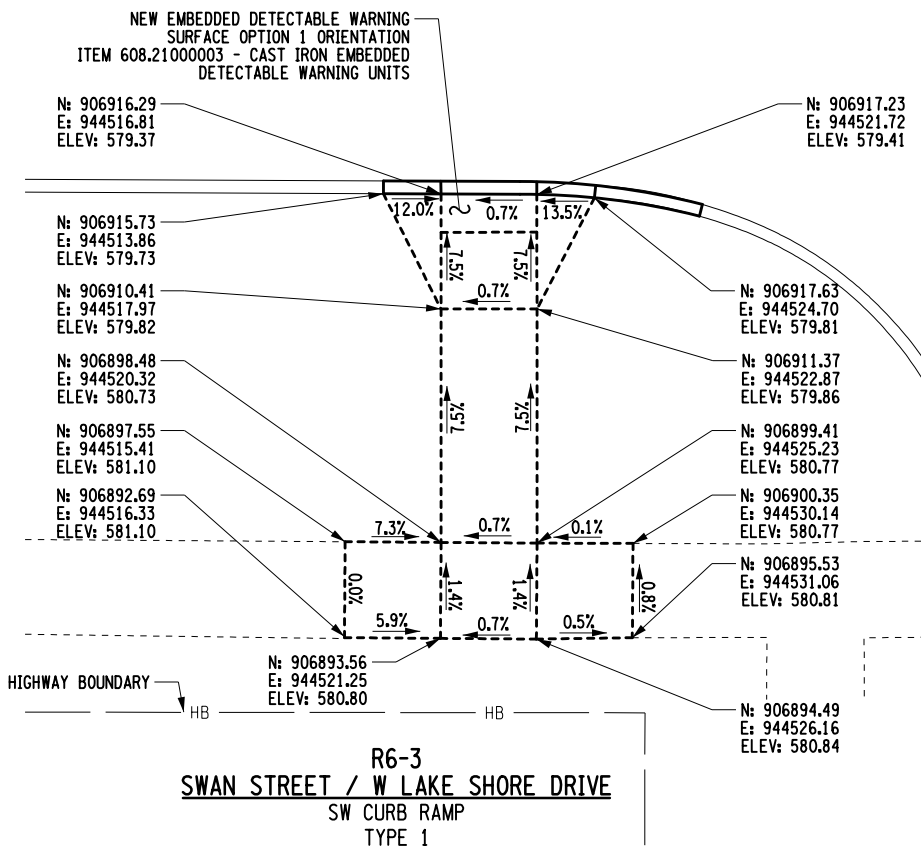
LAKE SHORE DRIVE

DRAWING TITLE

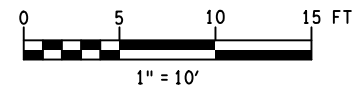
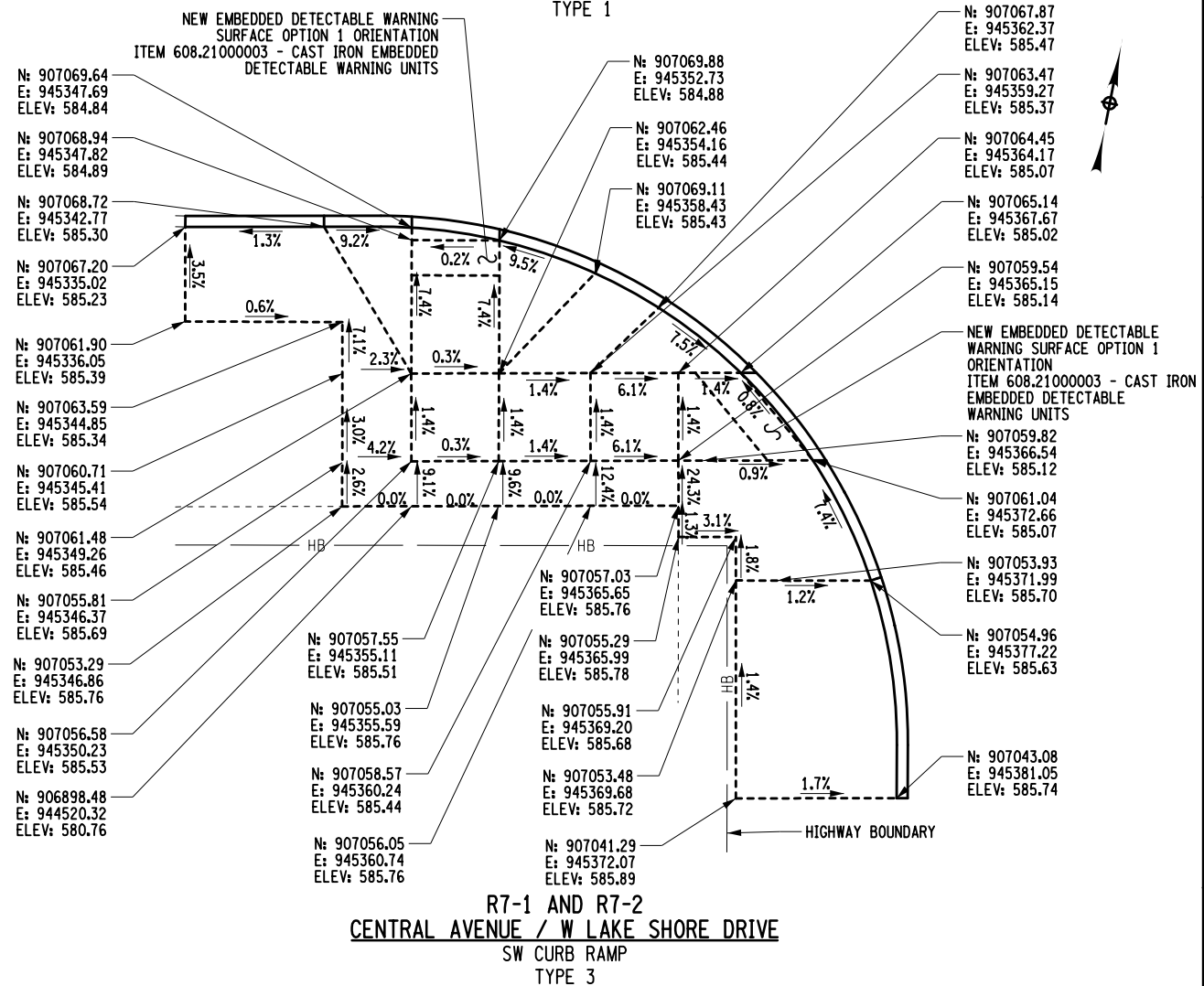
MISCELLANEOUS  
DETAILS

E. LAKE SHORE DR. @ CENTRAL AVE.

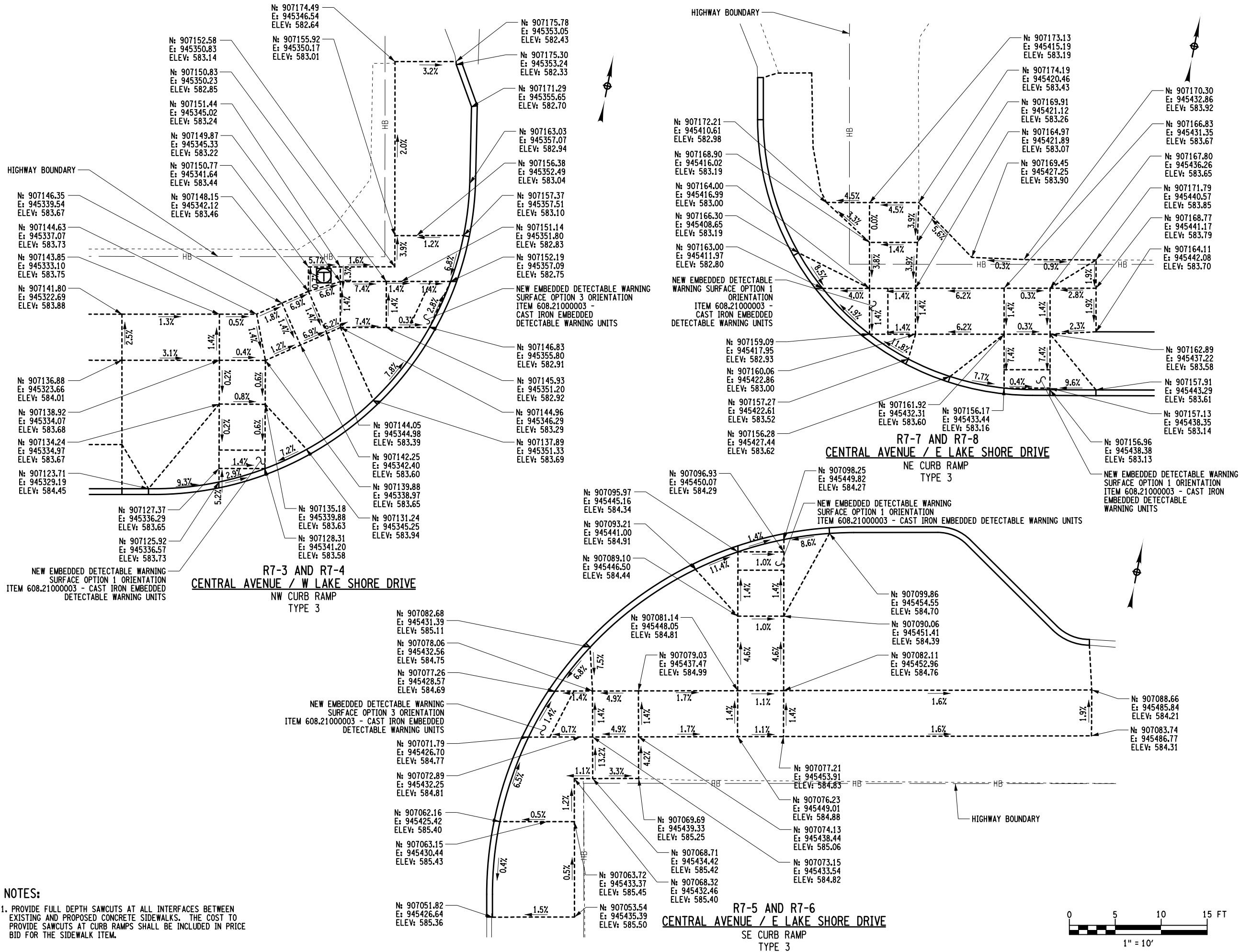
SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 27 OF 94	DRAWING NO. MD-06



1. PROVIDE FULL DEPTH SAWCUTS AT ALL INTERFACES BETWEEN EXISTING AND PROPOSED CONCRETE SIDEWALKS. THE COST TO PROVIDE SAWCUTS AT CURB RAMPS SHALL BE INCLUDED IN PRICE BID FOR THE SIDEWALK ITEM.



SCALE 1" = 10'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 28 OF 94	DRAWING NO. CRD-01



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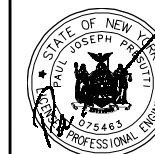
REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT  
  
CITY OF DUNKIRK

PROJECT NAME  
**LAKE SHORE DRIVE**

DRAWING TITLE  
**CURB RAMP DETAILS**

SCALE 1" = 10'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 29 OF 94	DRAWING NO. CRD-02



DATE \_\_\_\_\_ DATE \_\_\_\_\_

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CITY OF DUNKIRK

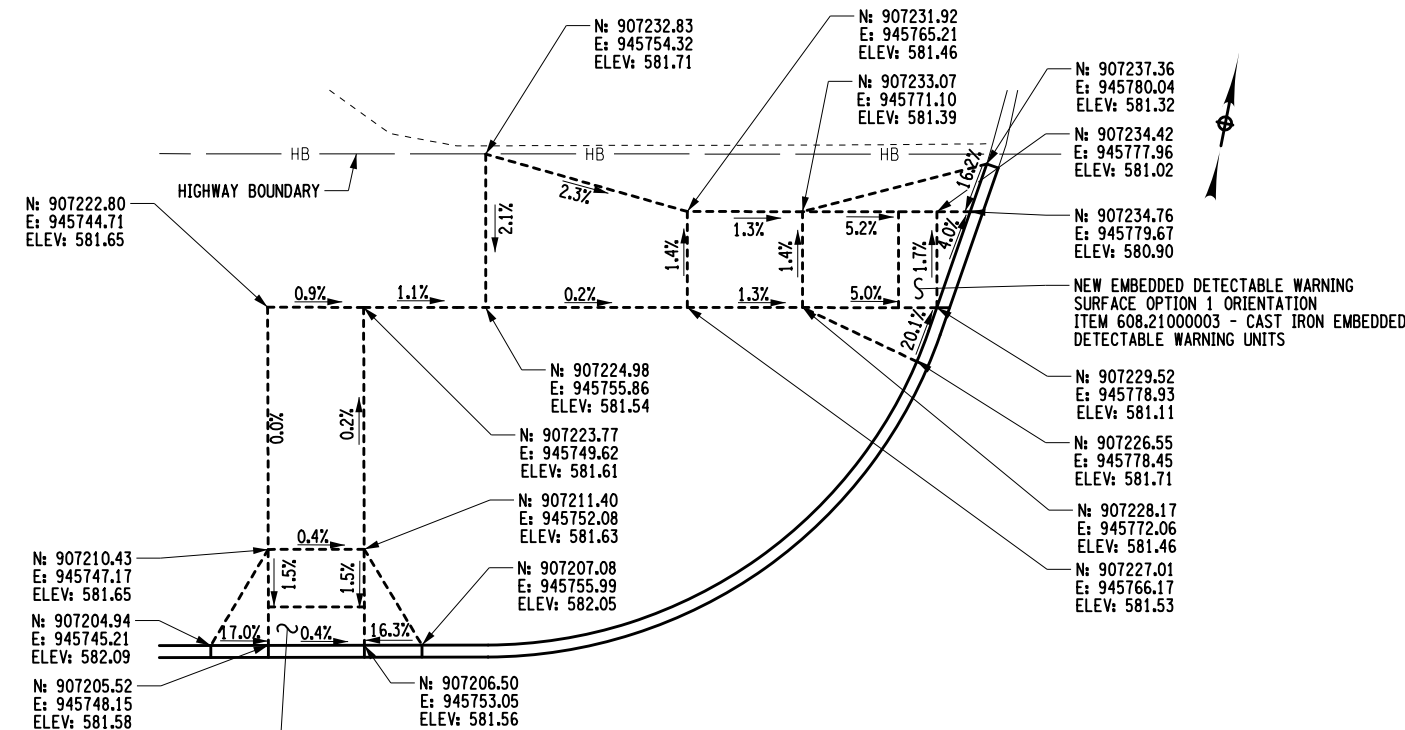
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

## CURB RAMP DETAILS

SCALE 1" = 10'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 30 OF 94	DRAWING NO. CRD-03

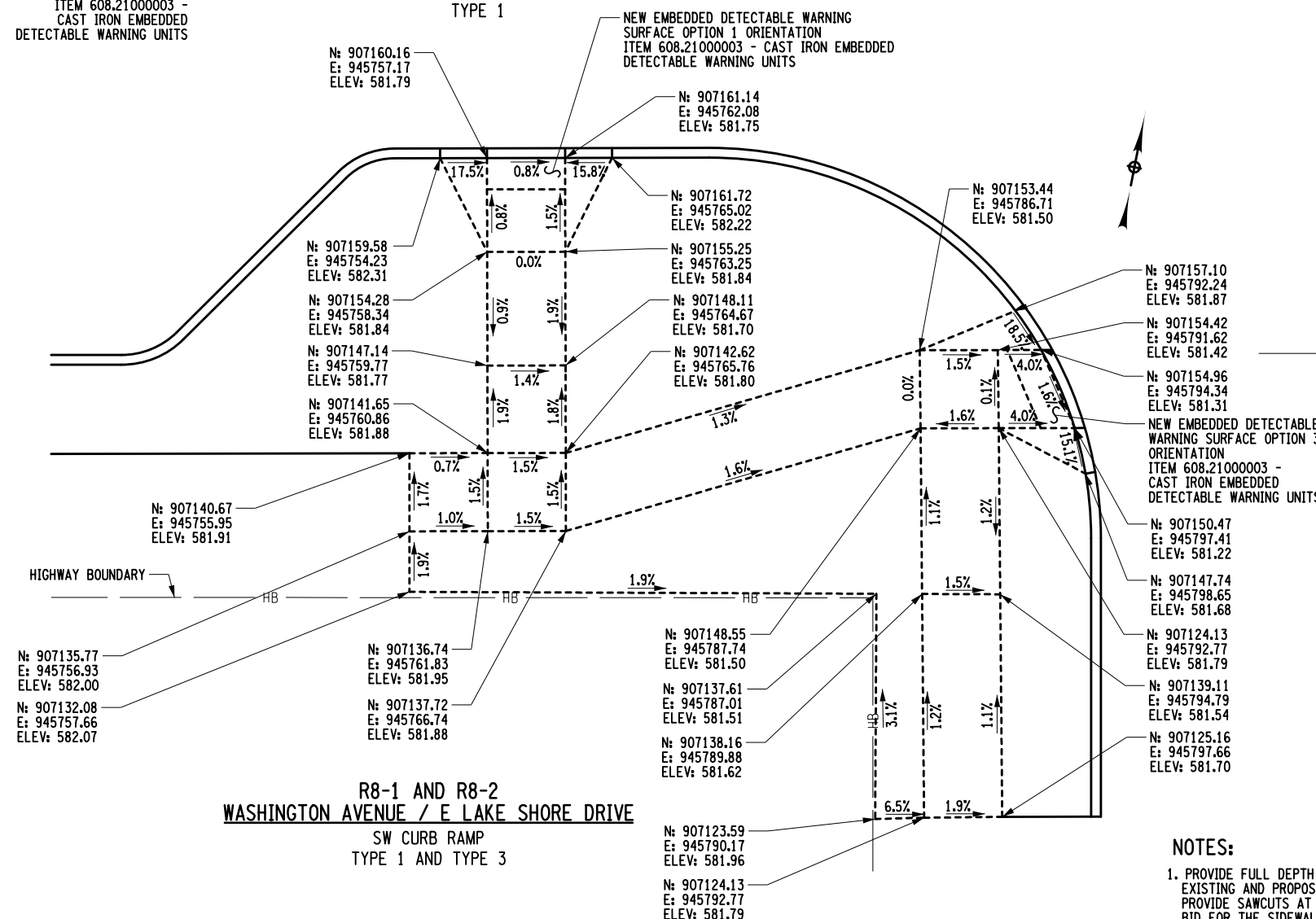


NEW EMBEDDED DETECTABLE  
WARNING SURFACE OPTION 1  
ORIENTATION  
ITEM 608.21000003 -  
CAST IRON EMBEDDED  
DETECTABLE WARNING UNITS

R8-4 AND R8-5  
WASHINGTON AVENUE / E LAKE SHORE DRIVE

NW CURB RAMP  
TYPE 1

NEW EMBEDDED DETECTABLE WARNING  
SURFACE OPTION 1 ORIENTATION  
ITEM 608.21000003 - CAST IRON EMBEDDED  
DETECTABLE WARNING UNITS

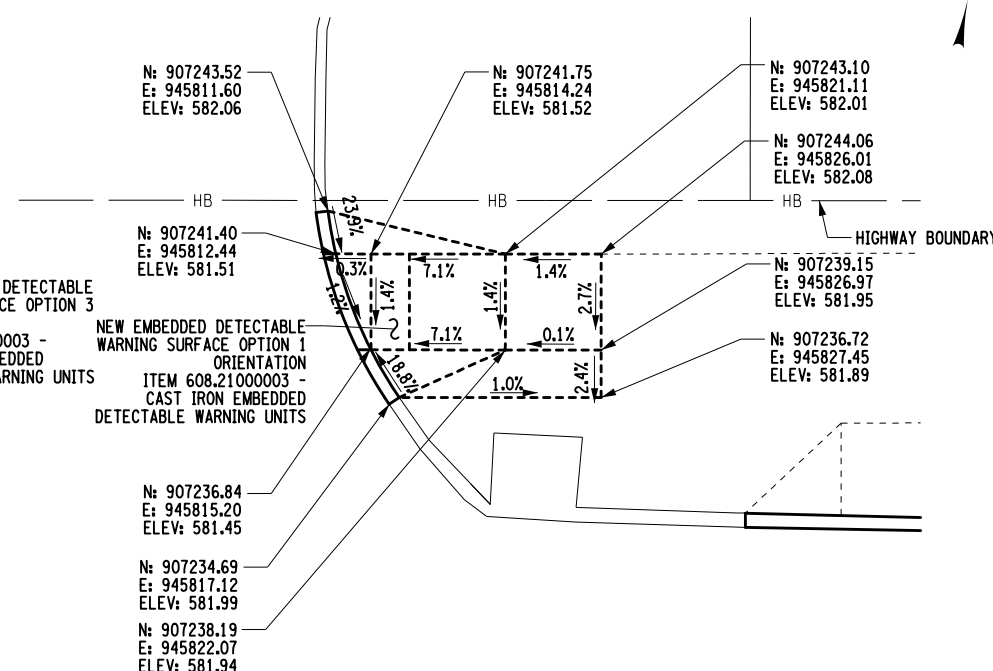


R8-1 AND R8-2  
WASHINGTON AVENUE / E LAKE SHORE DRIVE

SW CURB RAMP  
TYPE 1 AND TYPE 3

R8-3  
WASHINGTON AVENUE / E LAKE SHORE DRIVE

MEDIAN CURB RAMPS  
TYPE 1

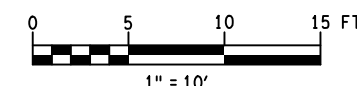


R8-6  
WASHINGTON AVENUE / E LAKE SHORE DRIVE

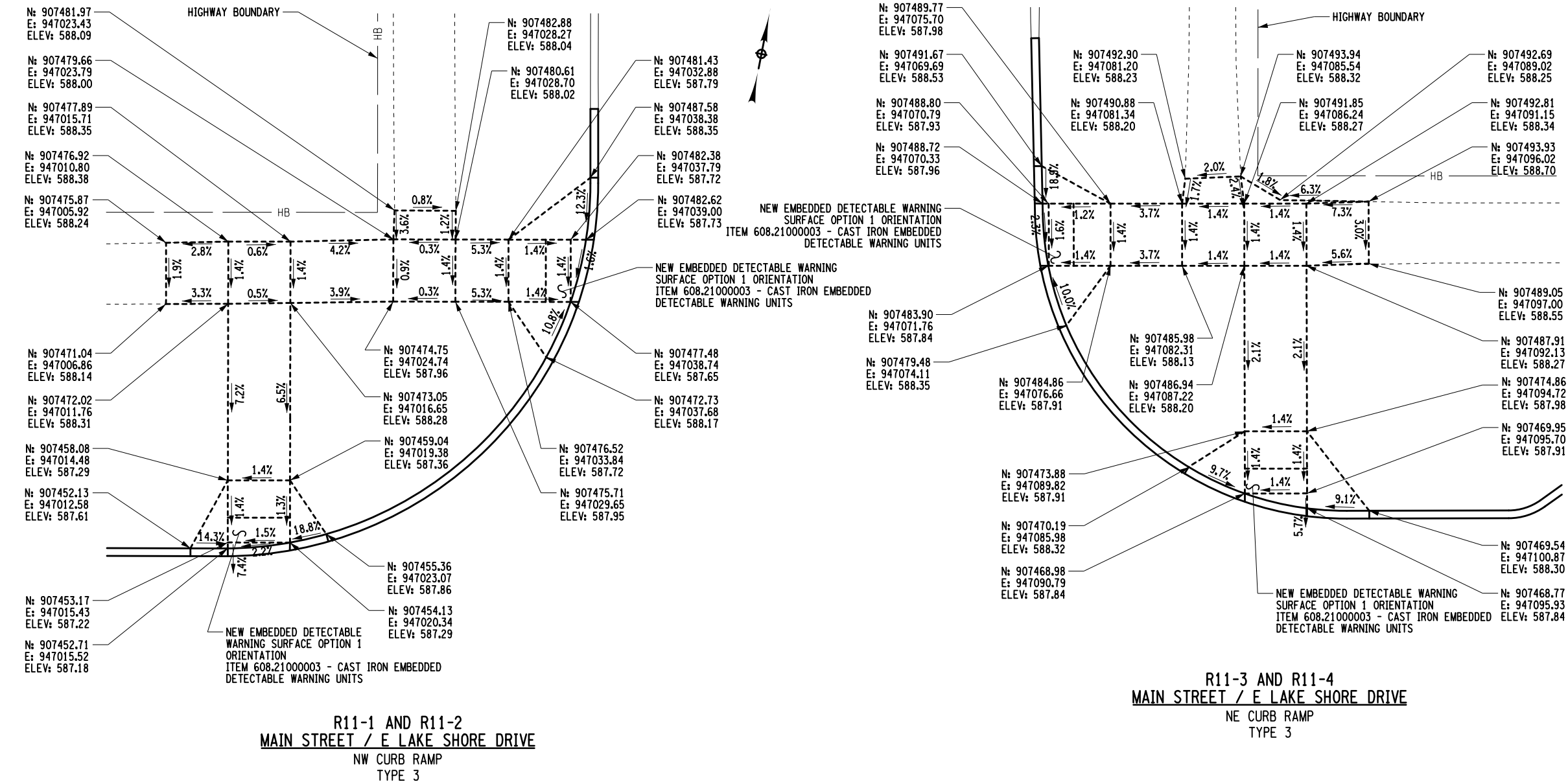
NE CURB RAMPS  
TYPE 3

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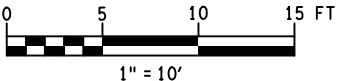
1. PROVIDE FULL DEPTH SAWCUTS AT ALL INTERFACES BETWEEN EXISTING AND PROPOSED CONCRETE SIDEWALKS. THE COST TO PROVIDE SAWCUTS AT CURB RAMPS SHALL BE INCLUDED IN PRICE BID FOR THE SIDEWALK ITEM.







**NOTES:**  
1. PROVIDE FULL DEPTH SAWCUTS AT ALL INTERFACES BETWEEN EXISTING AND PROPOSED CONCRETE SIDEWALKS. THE COST TO PROVIDE SAWCUTS AT CURB RAMPS SHALL BE INCLUDED IN PRICE BID FOR THE SIDEWALK ITEM.



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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

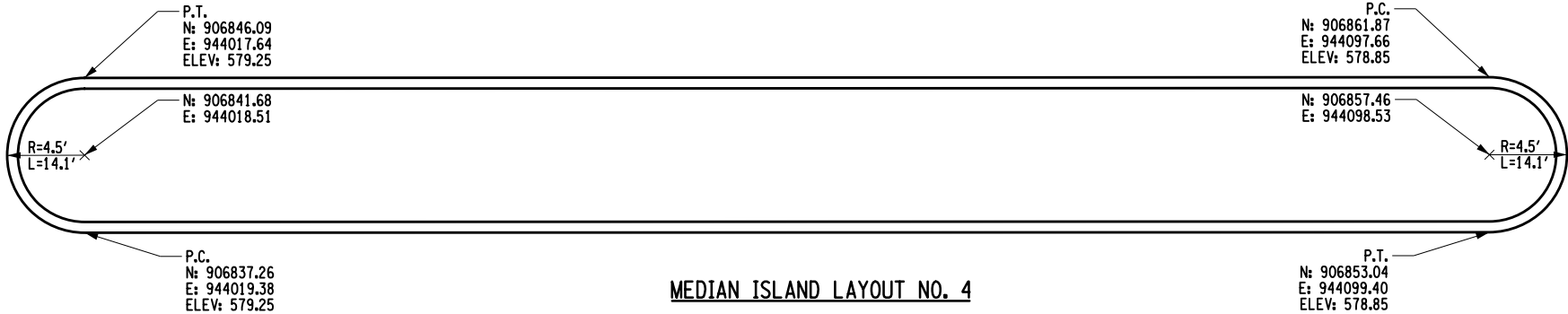
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CURB RAMP  
DETAILS

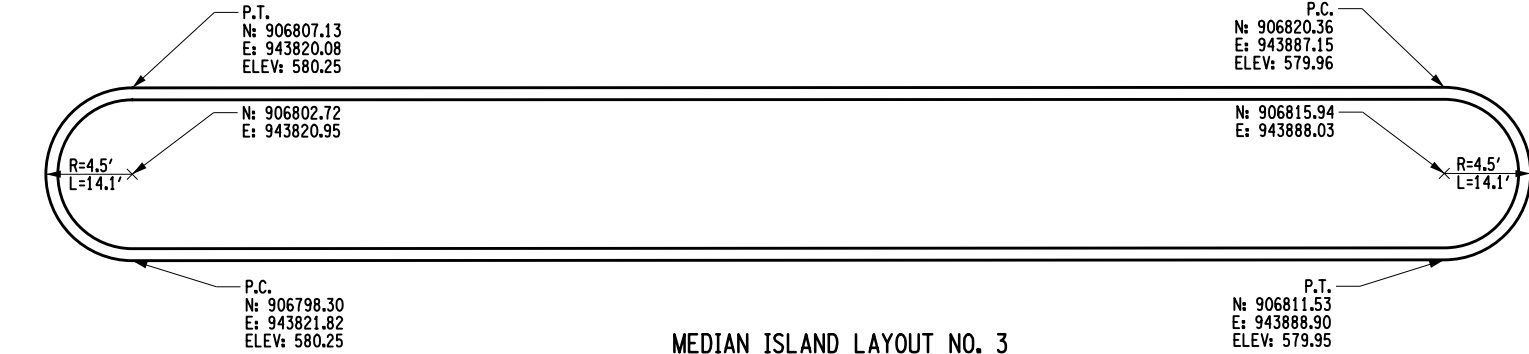
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P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 31 OF 94	DRAWING NO. CRD-04

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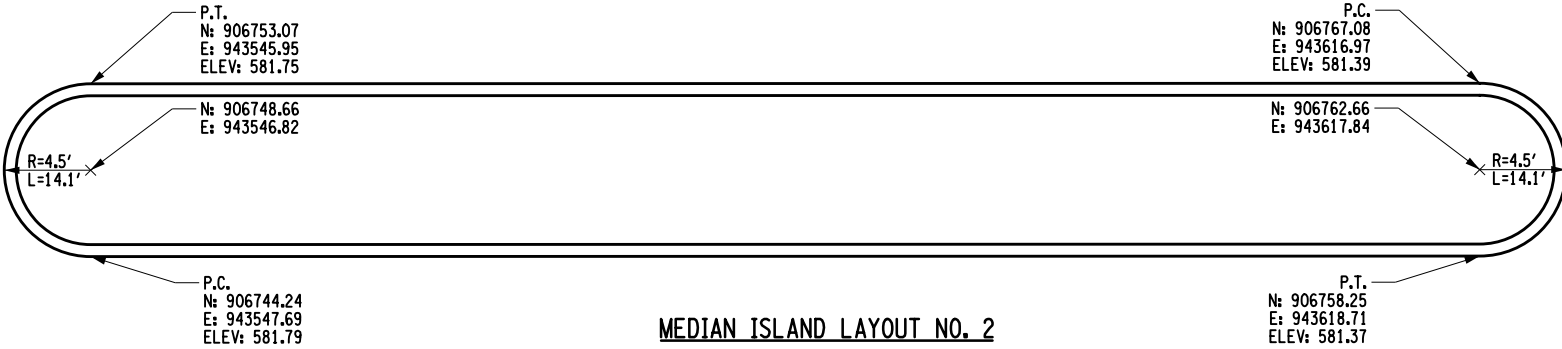
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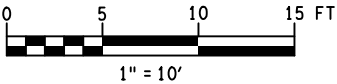
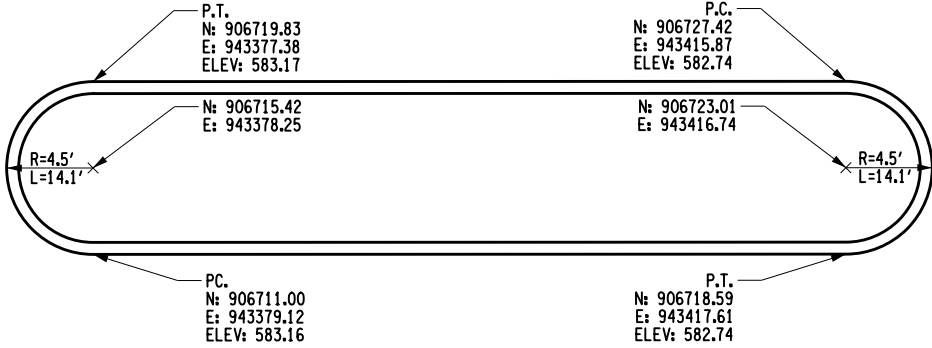
MEDIAN ISLAND LAYOUT NO. 3



MEDIAN ISLAND LAYOUT NO. 2



MEDIAN ISLAND LAYOUT DETAIL NO. 1



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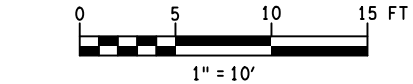
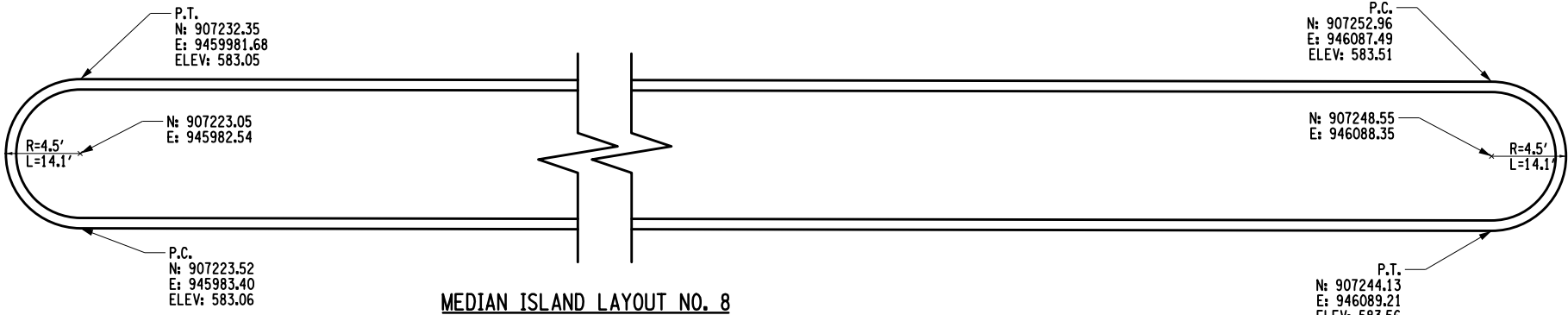
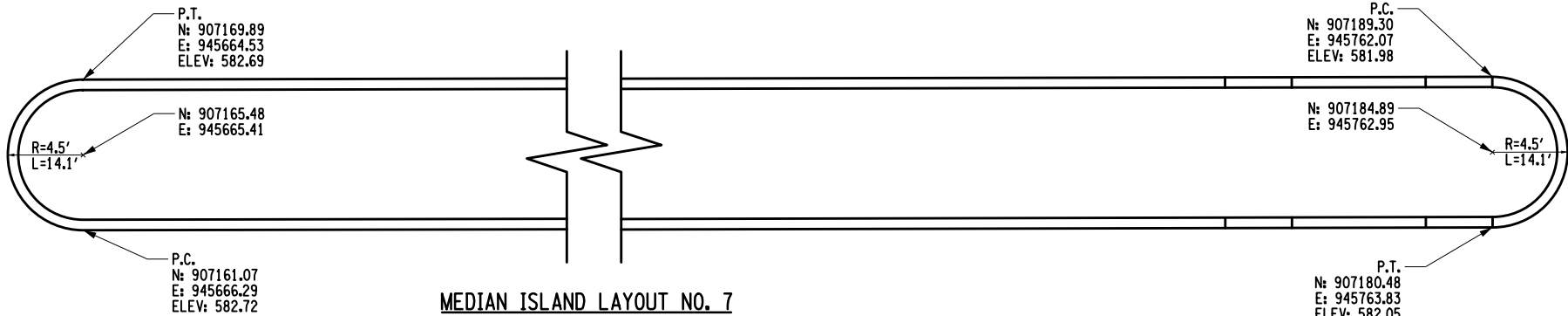
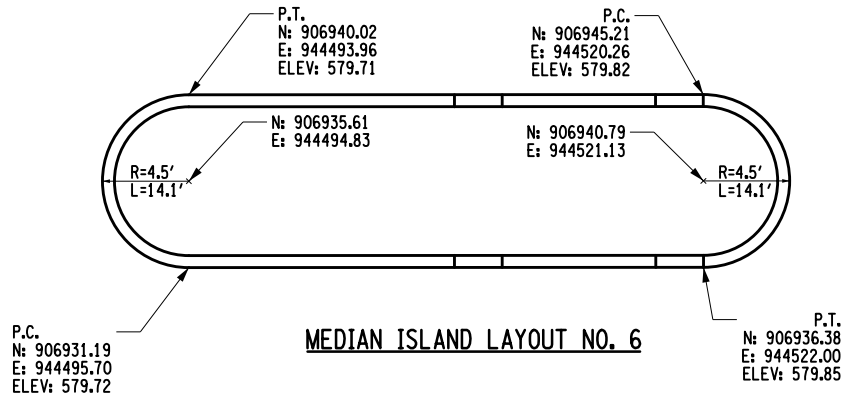
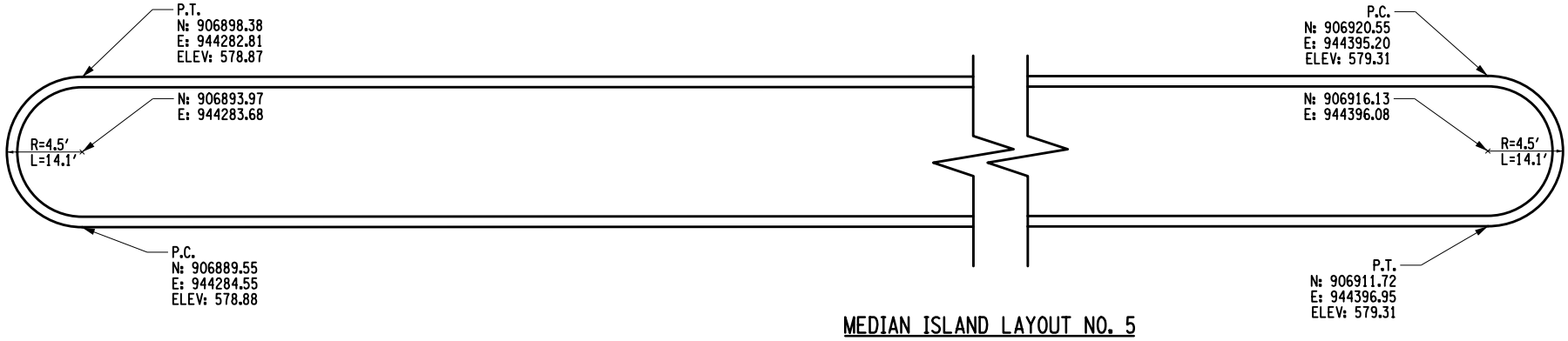
DRAWING TITLE

MEDIAN ISLAND LAYOUT DETAIL

SCALE 1" = 10'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 32 OF 94	DRAWING NO. MID-01

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DESIGN SUPERVISOR W. McCORMICK JOB MANAGER P. PRESUTTI DESIGNED BY P. PRESUTTI CHECKED BY A. BLACKMON ESTIMATED BY A. BLACKMON DRAFTED BY S. BEAMAN CHECKED BY A. BLACKMON



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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

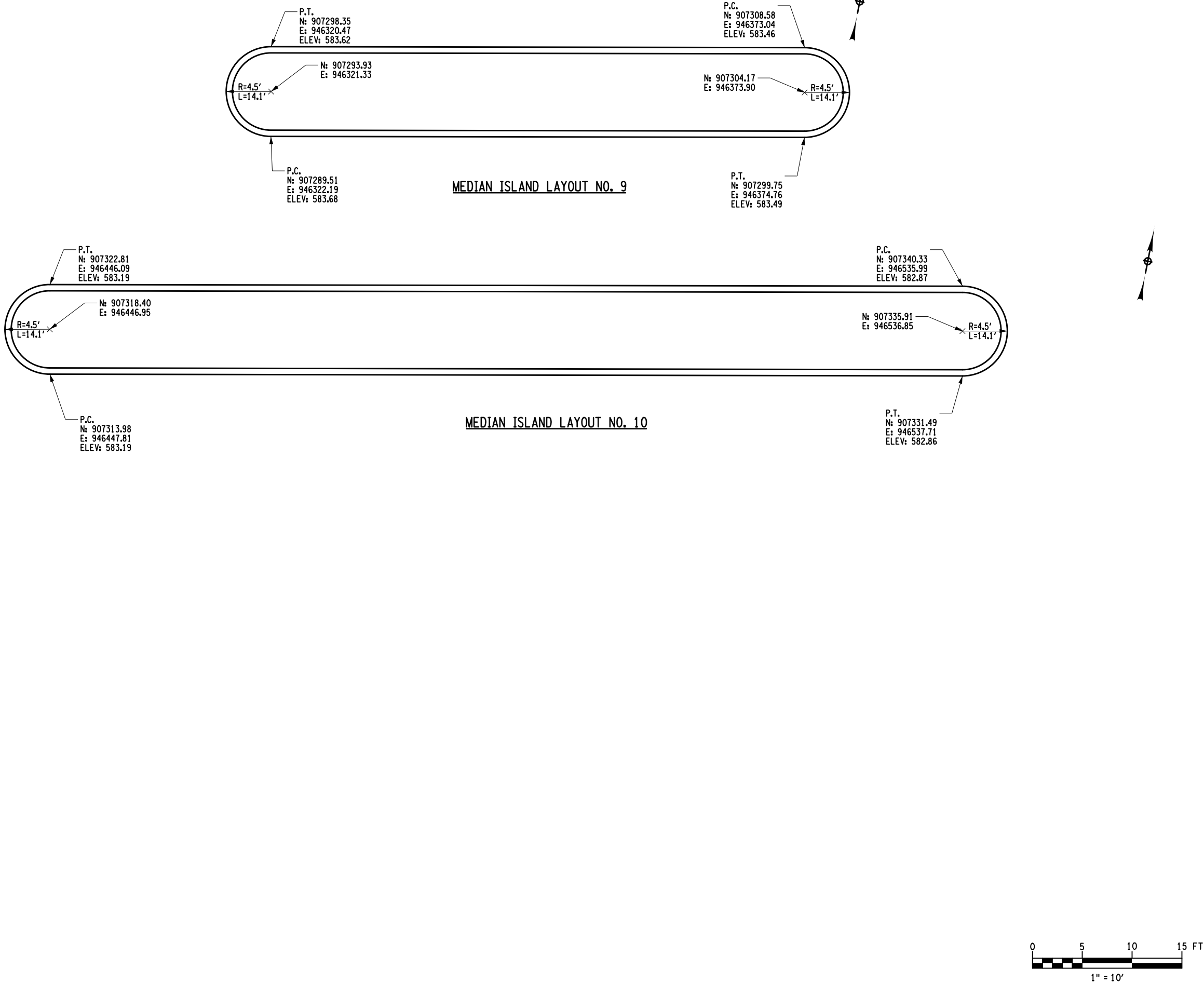
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MEDIAN ISLAND LAYOUT DETAIL

SCALE 1" = 10'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 33 OF 94	DRAWING NO. MID-02

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DATE/TIME = 1/6/2022 10:31:56 AM  
USER = W011sDA

DESIGN SUPERVISOR W. MCCORMICK JOB MANAGER P. PRESUTTI DESIGNED BY P. PRESUTTI CHECKED BY A. BLACKMON ESTIMATED BY A. BLACKMON DRAFTED BY S. BEAMAN CHECKED BY A. BLACKMON



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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

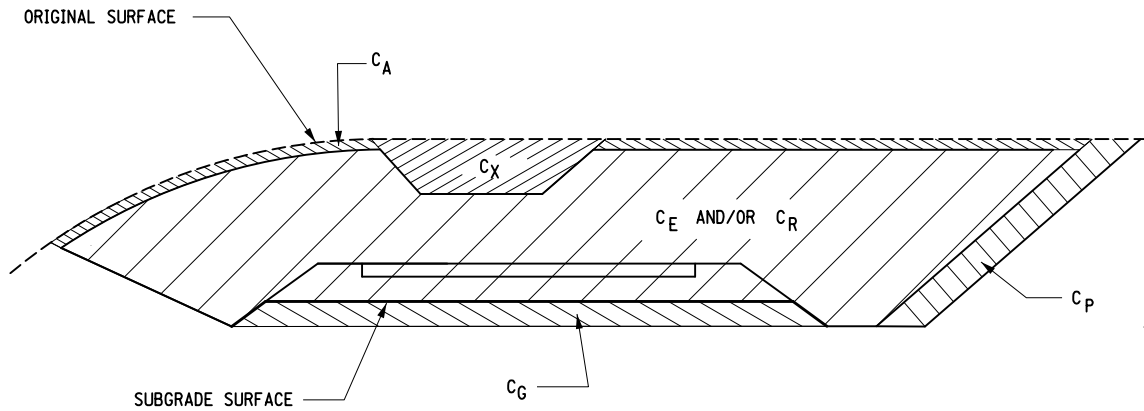
PROJECT NAME

LAKE SHORE DRIVE

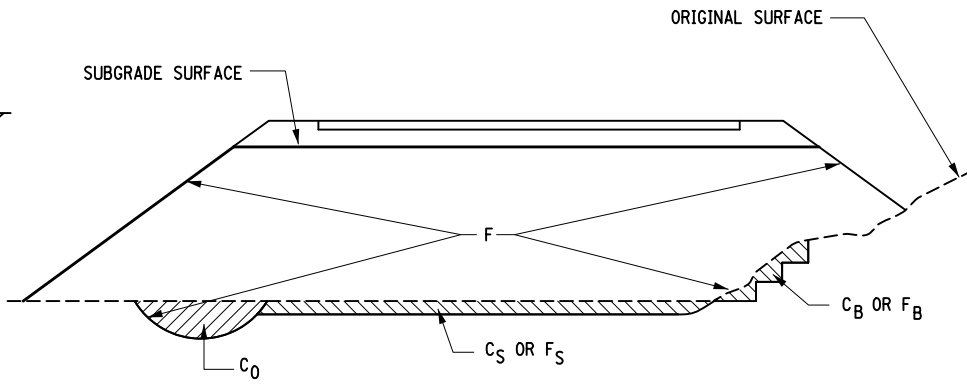
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MEDIAN ISLAND  
LAYOUT DETAIL

SCALE 1" = 10'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 34 OF 94	DRAWING NO. MID-03



CUT SECTION



FILL SECTION

SUMMARY OF EARTHWORK  
(ITEMS 203.02 AND 203.03 ONLY)

SOURCE	EXCAVATION			ITEM 203.02	ITEM 203.03
	T <sub>E</sub>	C <sub>R</sub>	T <sub>U</sub>	C <sub>T</sub>	F <sub>T</sub>
(1) LAKE SHORE DRIVE	1340		0	1340	180
TOTALS	1340		0	1340	180

SUMMARY OF TRENCH AND CULVERT EXCAVATION  
(ITEM 206.0201 ONLY)

SOURCE	EXCAVATION		ITEM 206.0201
	ROCK	NON-ROCK	
DRAINAGE		172	172
TOTALS		172	172

DEFINITIONS:

- C<sub>B</sub> - EXCAVATION FOR REQUIRED BENCHING, (BOTH LONGITUDINAL AND TRANSVERSE).  
C<sub>G</sub> - EXCAVATION FOR SUBGRADE IMPROVEMENT.  
C<sub>P</sub> - EXCAVATION FROM CUT SLOPE NECESSARY TO PLACE SLOPE PROTECTION.  
C<sub>E</sub> - PORTION OF CUT ASSUMED TO BE EARTH SUITABLE FOR EMBANKMENT CONSTRUCTION, EXCLUDING C<sub>G</sub> AND C<sub>P</sub>.  
T<sub>E</sub> - (C<sub>B</sub> + C<sub>G</sub> + C<sub>P</sub> + C<sub>E</sub>) TOTAL EARTH EXCAVATION ASSUMED SUITABLE FOR EMBANKMENT CONSTRUCTION.  
C<sub>A</sub> - EXCAVATION OF TOPSOIL (UNSUITABLE MATERIAL) IN CUT.  
C<sub>S</sub> - EXCAVATION OF TOPSOIL (UNSUITABLE MATERIAL) UNDER EMBANKMENT.  
C<sub>X</sub> - EXCAVATION OF UNSUITABLE MATERIAL IN CUT: SWAMP OR DUMP  
C<sub>0</sub> - EXCAVATION OF UNSUITABLE MATERIAL BENEATH EMBANKMENT: SWAMP OR DUMP  
T<sub>U</sub> - (C<sub>A</sub> + C<sub>S</sub> + C<sub>X</sub> + C<sub>0</sub>) TOTAL EXCAVATION ASSUMED UNSUITABLE FOR EMBANKMENT CONSTRUCTION.  
C<sub>R</sub> - PORTION OF CUT ASSUMED TO BE ROCK, INCLUDING C<sub>G</sub> IF APPLICABLE.  
C<sub>T</sub> - (T<sub>E</sub> + T<sub>U</sub> + C<sub>R</sub>) TOTAL EXCAVATION.

DEFINITIONS:

- F<sub>B</sub> - FILL REQUIRED TO REPLACE BENCHES.  
F<sub>S</sub> - FILL REQUIRED TO REPLACE TOPSOIL REMOVED BENEATH EMBANKMENTS.  
F - FILL REQUIRED TO COMPLETE EMBANKMENT TO SUBGRADE SURFACE AND SIDE-SLOPES AFTER FOUNDATION IS PREPARED.  
F<sub>T</sub> - (F<sub>B</sub> + F<sub>S</sub> + F) TOTAL FILL REQUIRED.  
T<sub>A</sub> - (T<sub>E</sub> × F<sub>E</sub> + C<sub>R</sub> × F<sub>R</sub>) THE VOLUME WHICH THE SUITABLE EXCAVATED MATERIAL COULD OCCUPY IN EMBANKMENT.  
F<sub>E</sub> - SHRINKAGE FACTOR FOR EARTH  
F<sub>R</sub> - SWELL FACTOR FOR ROCK

NOTES:

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THESE TABLES ARE ESTIMATED, AND ARE PROVIDED FOR THE PURPOSE OF PREPARING AN ESTIMATE. THEY ARE NOT TO BE CONSTRUED AS BEING EXACT. THEY ARE INTENDED TO QUANTIFY AND QUALIFY THE NATURE OF THE WORK TO BE PERFORMED. SIGNIFICANT DIFFERENCE FROM THIS REPRESENTATION, WHEN ENCOUNTERED DURING THE ACTUAL WORK, WILL BE HANDLED ACCORDING TO THE SPECIFICATIONS GOVERNING THIS PROJECT.

- 203.02 UNCLASSIFIED EXCAVATION AND DISPOSAL  
203.03 EMBANKMENT IN PLACE  
206.0201 TRENCH AND CULVERT EXCAVATION



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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

EARTHWORK  
SUMMARY

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 35 OF 94	DRAWING NO. ES-01



EARTHWORK SUMMARY																		
SUBDIVISION NO.	LOCATION		SUITABLE EXCAVATION					ROCK	UNSUITABLE EXCAVATION					TOTAL EXCAVATION	EMBANKMENT			
	(STATION TO STATION)		C <sub>B</sub>	C <sub>G</sub>	C <sub>P</sub>	C <sub>E</sub>	T <sub>E</sub>	C <sub>R</sub>	C <sub>A</sub>	C <sub>S</sub>	C <sub>X</sub>	C <sub>O</sub>	T <sub>U</sub>	C <sub>T</sub>	F <sub>B</sub>	F <sub>S</sub>	F	F <sub>T</sub>
1	10+00	59+00				1,340	1,340						0	1,340		0	180	180
TOTALS			0	0	0	1,340	1,340	0	0	0	0	0	0	1,340	0	0	180	180

FOR DEFINITIONS AND NOTES SEE DWG. ES-01

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CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

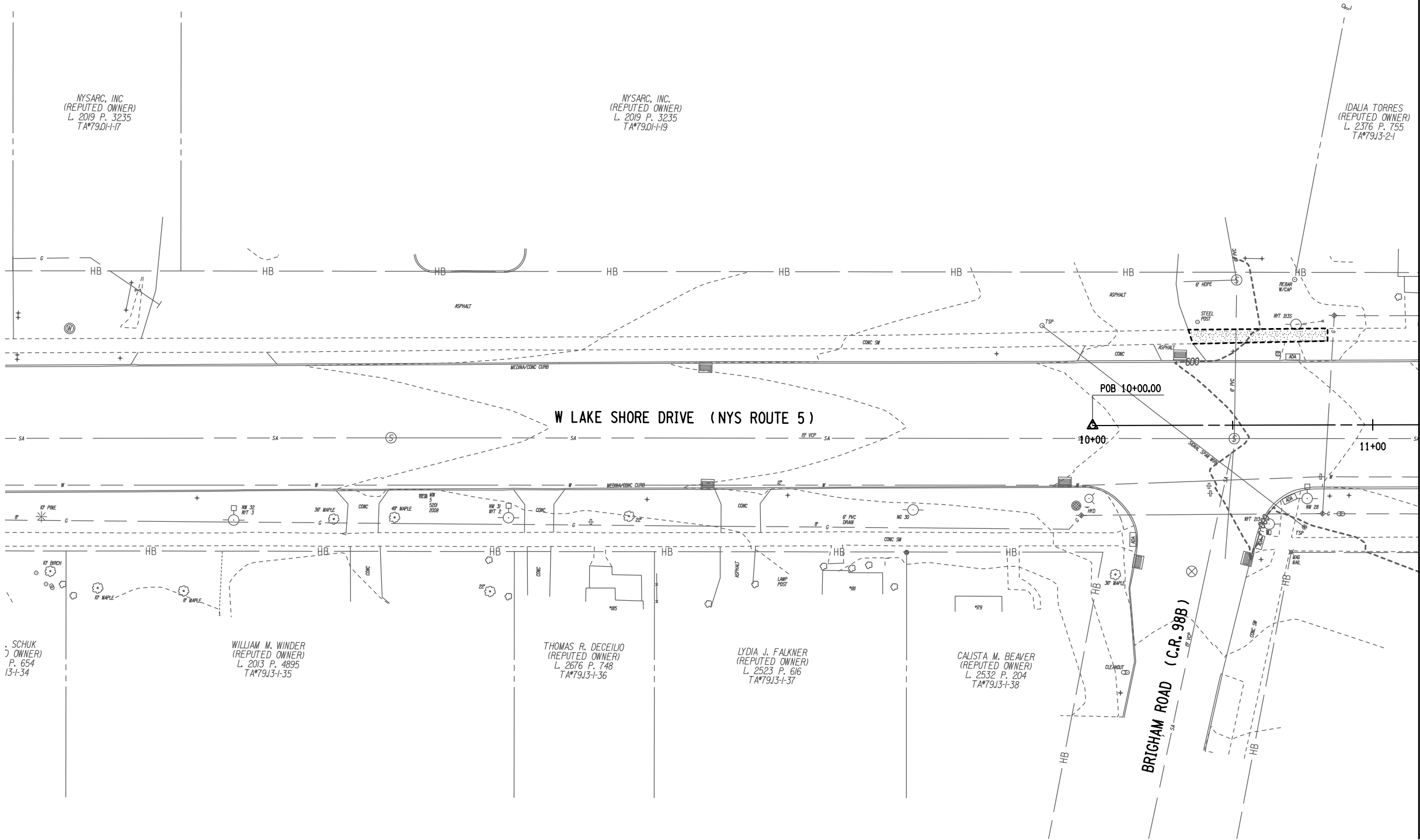
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EARTHWORK SUMMARY

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 36 OF 94	DRAWING NO. ES-02

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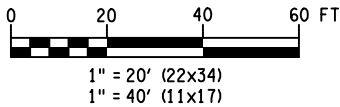


EROISION CONTROL LEGEND:

- (GB) → ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION  
GRAVEL BAG - TEMPORARY
- ◆— ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE  
FOR TREE PROTECTION

LEGEND

NEW CONCRETE SIDEWALK



GRID NORTH

MATCH TO DWG. NO. EC-02

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REVISIONS			
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CITY OF DUNKIRK

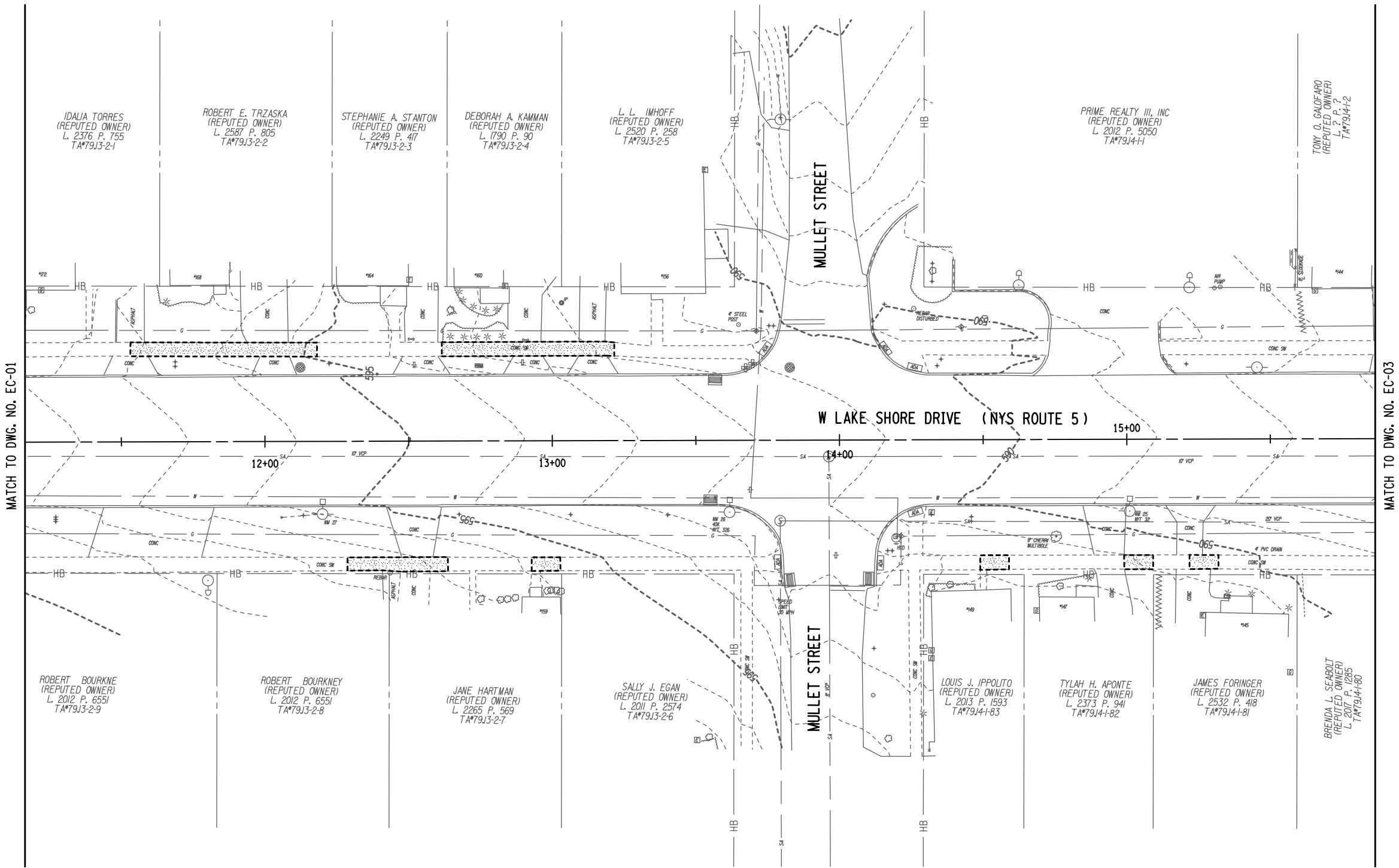
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

EROSION CONTROL  
PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 37 OF 94	DRAWING NO. EC-01



MATCH TO DWG. NO. EC-01

MATCH TO DWG. NO. EC-03

EROSION CONTROL LEGEND:

- (GB) → ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION GRAVEL BAG - TEMPORARY
- ◆— ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE FOR TREE PROTECTION

LEGEND

- NEW CONCRETE SIDEWALK



1" = 20' (22x34)  
1" = 40' (11x17)

GRID NORTH

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CLIENT



CITY OF DUNKIRK

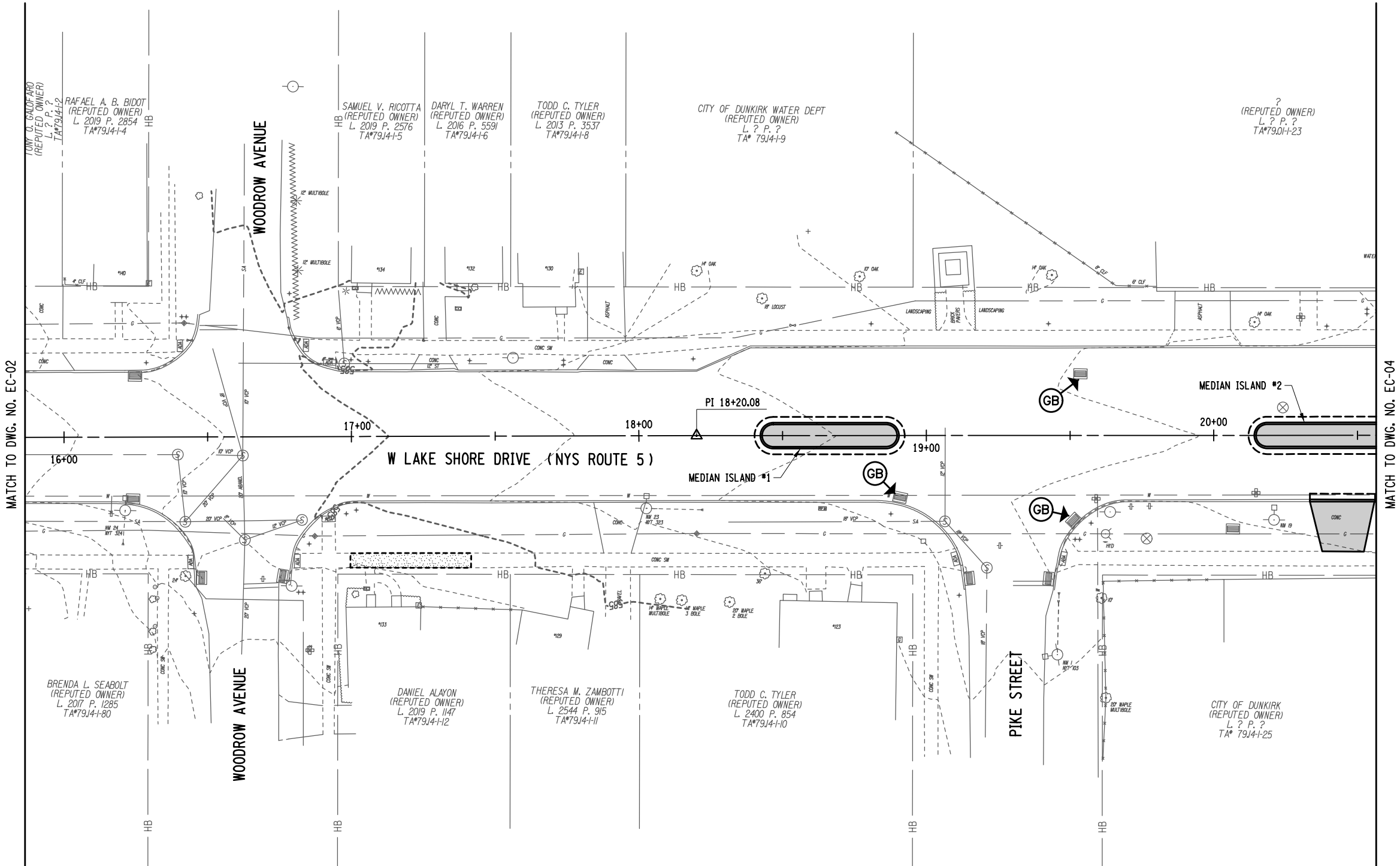
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

EROSION CONTROL PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 38 OF 94	DRAWING NO. EC-02

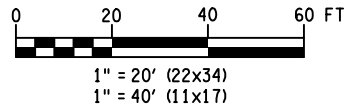


**EROSION CONTROL LEGEND:**

- (GB) ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION  
GRAVEL BAG - TEMPORARY
- ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE  
FOR TREE PROTECTION

**LEGEND**

- NEW TREE LAWN AREA
- NEW CONCRETE SIDEWALK



GRID NORTH

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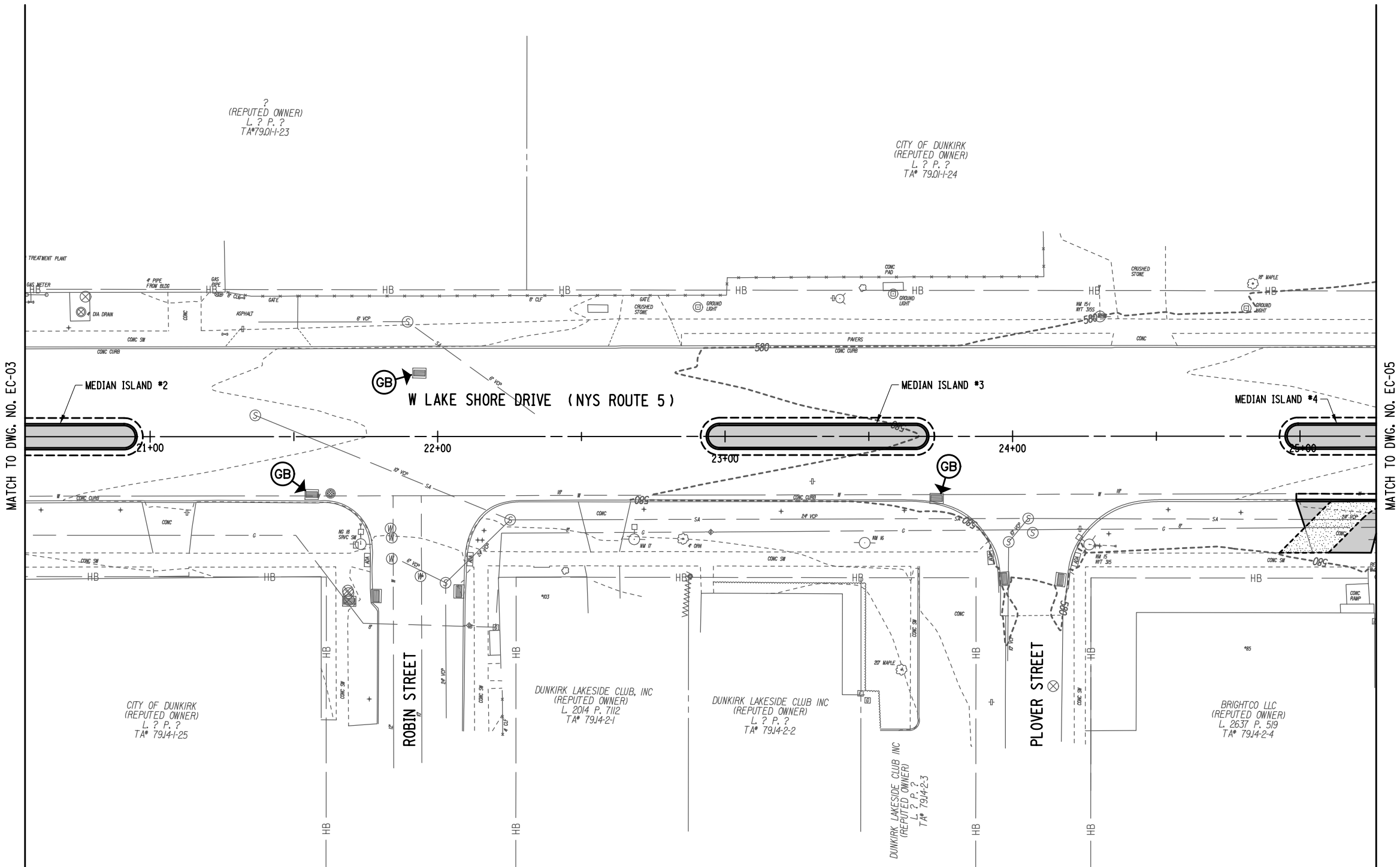
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

EROSION CONTROL  
PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 39 OF 94	DRAWING NO. EC-03

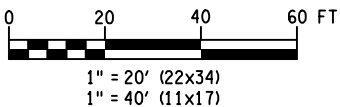


**EROISION CONTROL LEGEND:**

- ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION GRAVEL BAG - TEMPORARY
- ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE FOR TREE PROTECTION

**LEGEND**

- NEW TREE LAWN AREA
- NEW CONCRETE SIDEWALK



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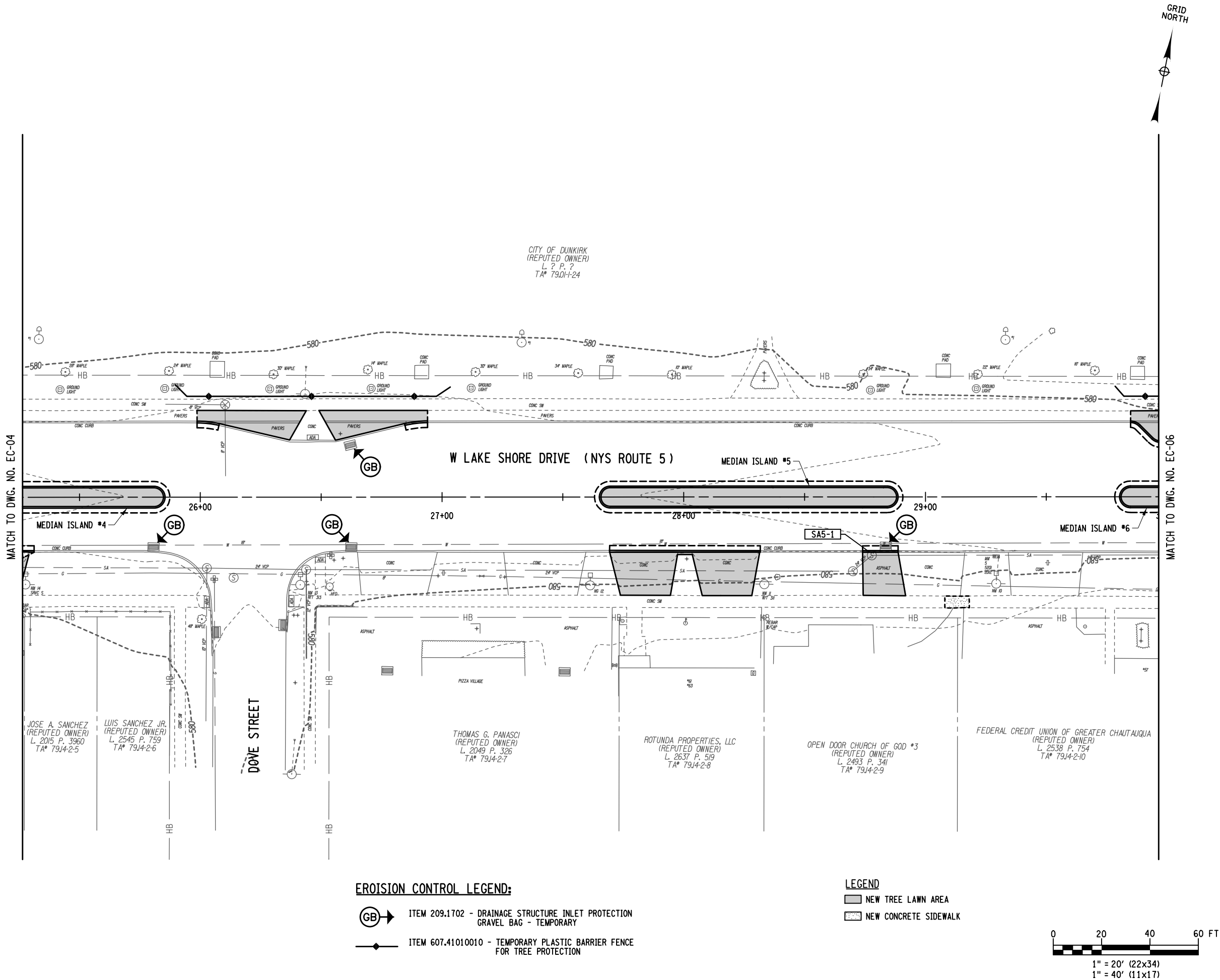
**PROJECT NAME**

LAKE SHORE DRIVE



**DRAWING TITLE**

EROSION CONTROL PLAN



SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 40 OF 94	DRAWING NO. EC-04

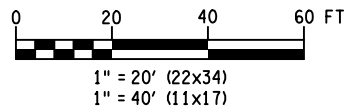


**EROSION CONTROL LEGEND:**

-  ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION  
GRAVEL BAG - TEMPORARY
-  ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE  
FOR TREE PROTECTION

**LEGEND**

-  NEW TREE LAWN AREA
-  NEW CONCRETE SIDEWALK



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CITY OF DUNKIRK

PROJECT NAME

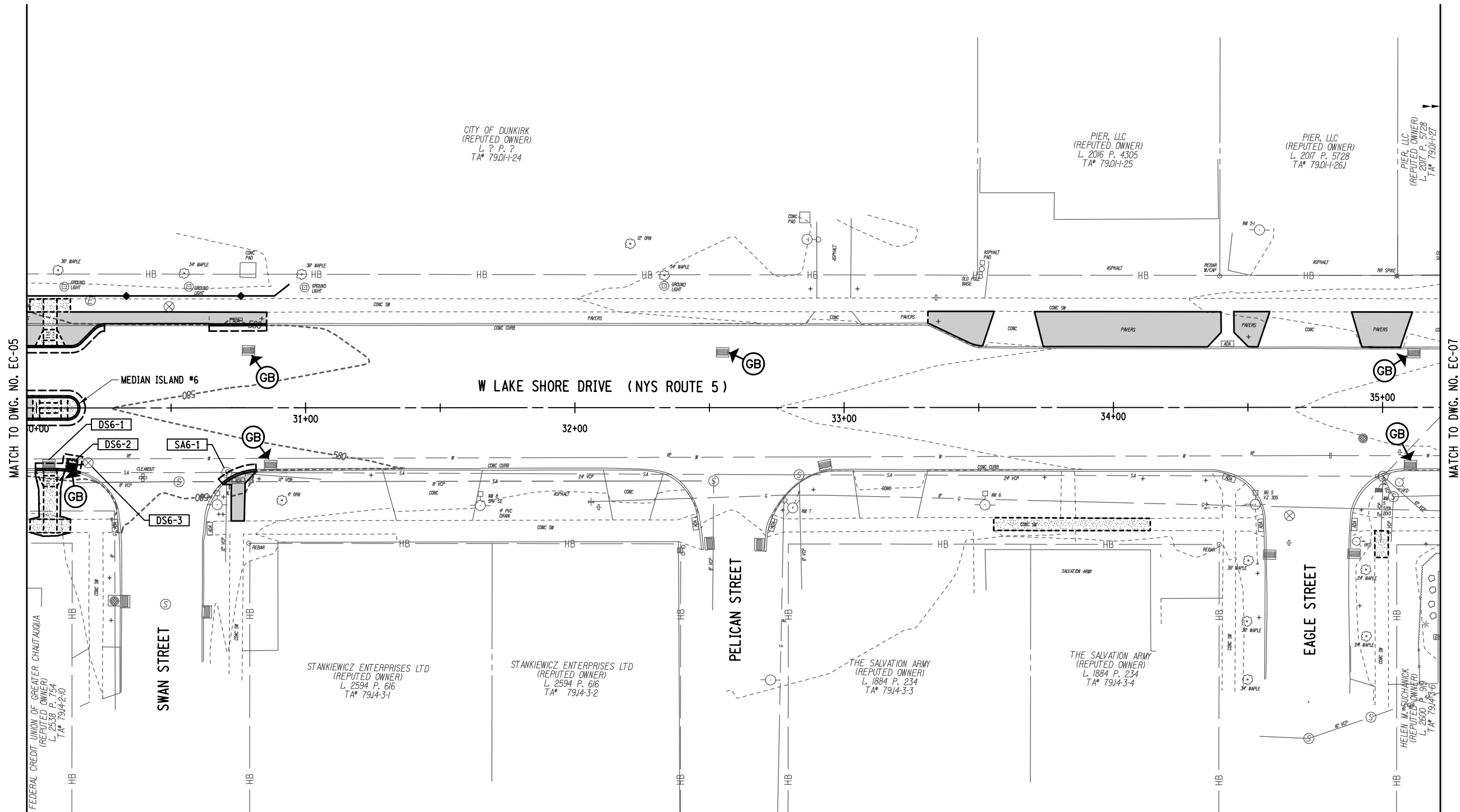
LAKE SHORE DRIVE

DRAWING TITLE

EROSION CONTROL  
PLAN

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P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 41 OF 94	DRAWING NO. EC-05



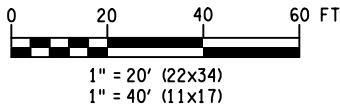


**EROISION CONTROL LEGEND:**

- (GB) ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION  
GRAVEL BAG - TEMPORARY
- ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE  
FOR TREE PROTECTION

**LEGEND**

- NEW TREE LAWN AREA
- NEW CONCRETE SIDEWALK



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CITY OF DUNKIRK

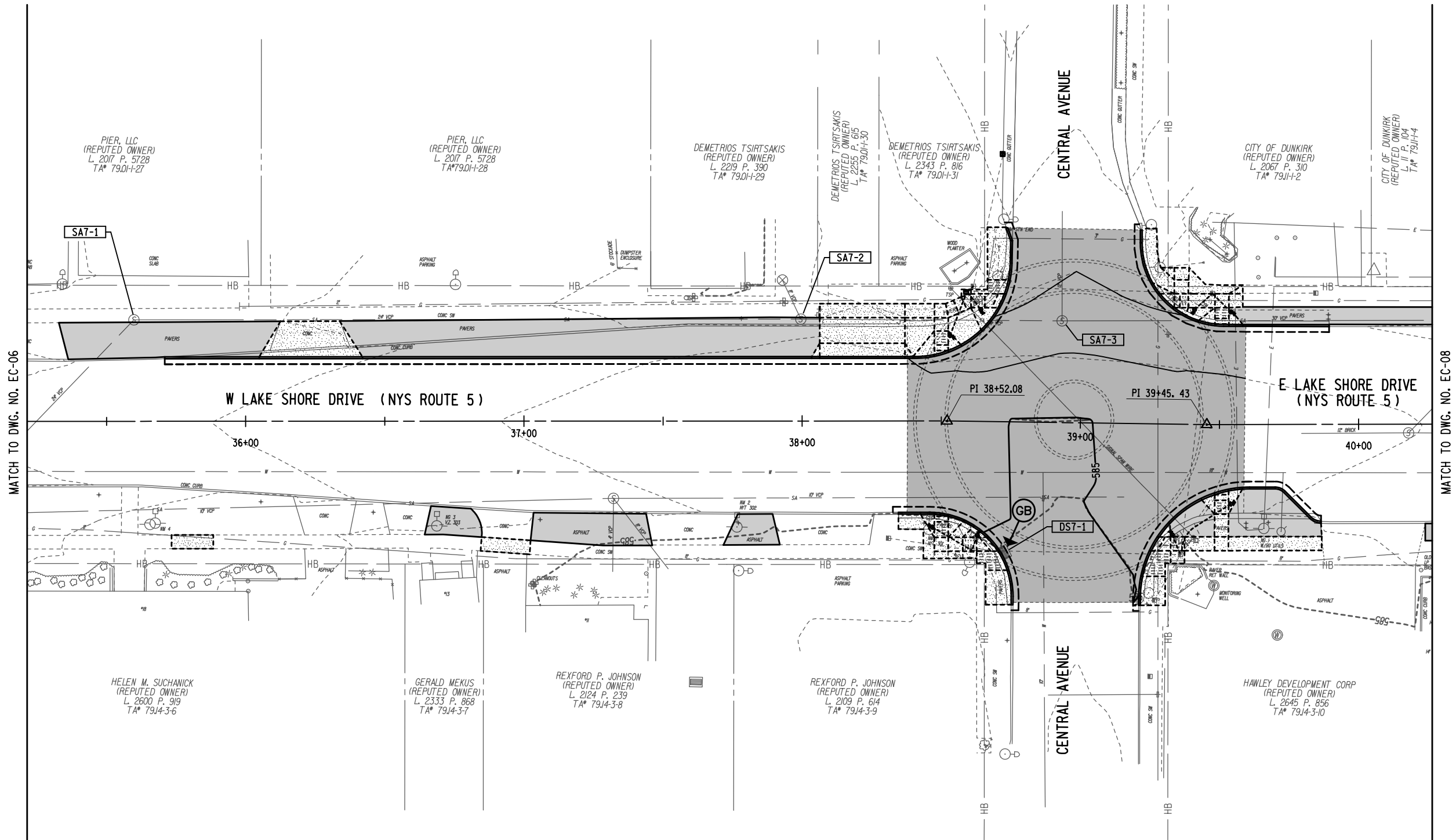
PROJECT NAME

LAKE SHORE DRIVE



DRAWING TITLE

EROSION CONTROL  
PLAN


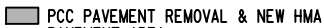
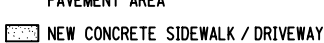
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SHEET NO. 42 OF 94	DRAWING NO. EC-06

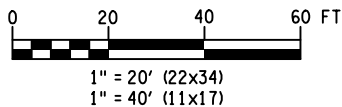


**EROISION CONTROL LEGEND:**

-  ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION  
GRAVEL BAG - TEMPORARY
-  ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE  
FOR TREE PROTECTION

**LEGEND**

-  NEW TREE LAWN AREA
-  PCC PAVEMENT REMOVAL & NEW HMA  
PAVEMENT AREA
-  NEW CONCRETE SIDEWALK / DRIVEWAY



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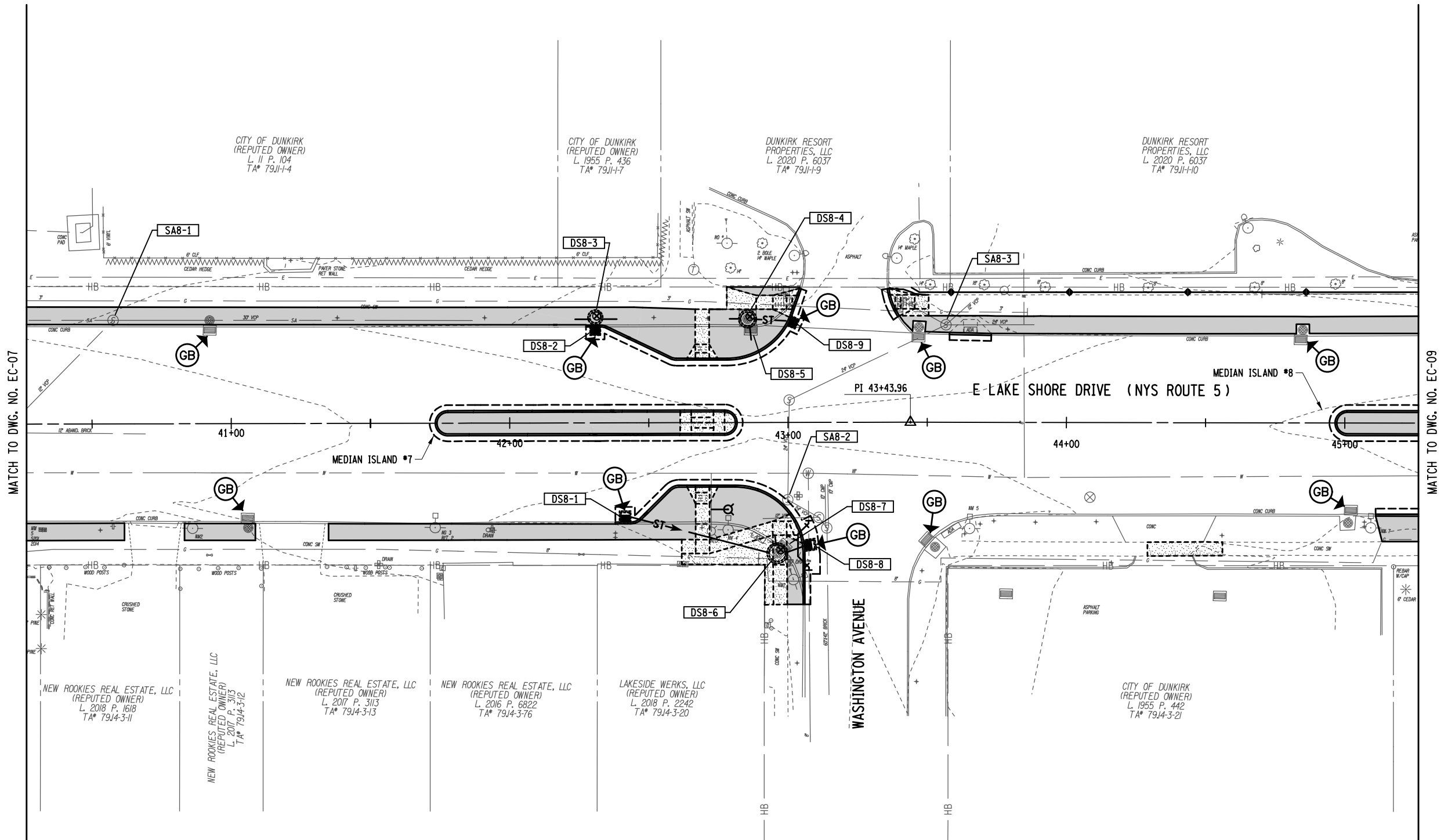
**PROJECT NAME**

LAKE SHORE DRIVE

**DRAWING TITLE**

EROSION CONTROL  
PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 43 OF 94	DRAWING NO. EC-07

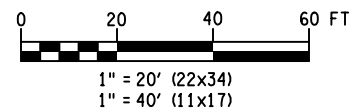


**EROISION CONTROL LEGEND:**

- (GB) → ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION  
GRAVEL BAG - TEMPORARY
- ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE  
FOR TREE PROTECTION

**LEGEND**

- NEW TREE LAWN AREA
- NEW CONCRETE SIDEWALK



GRID  
NORTH

**ERDMAN  
ANTHONY**

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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

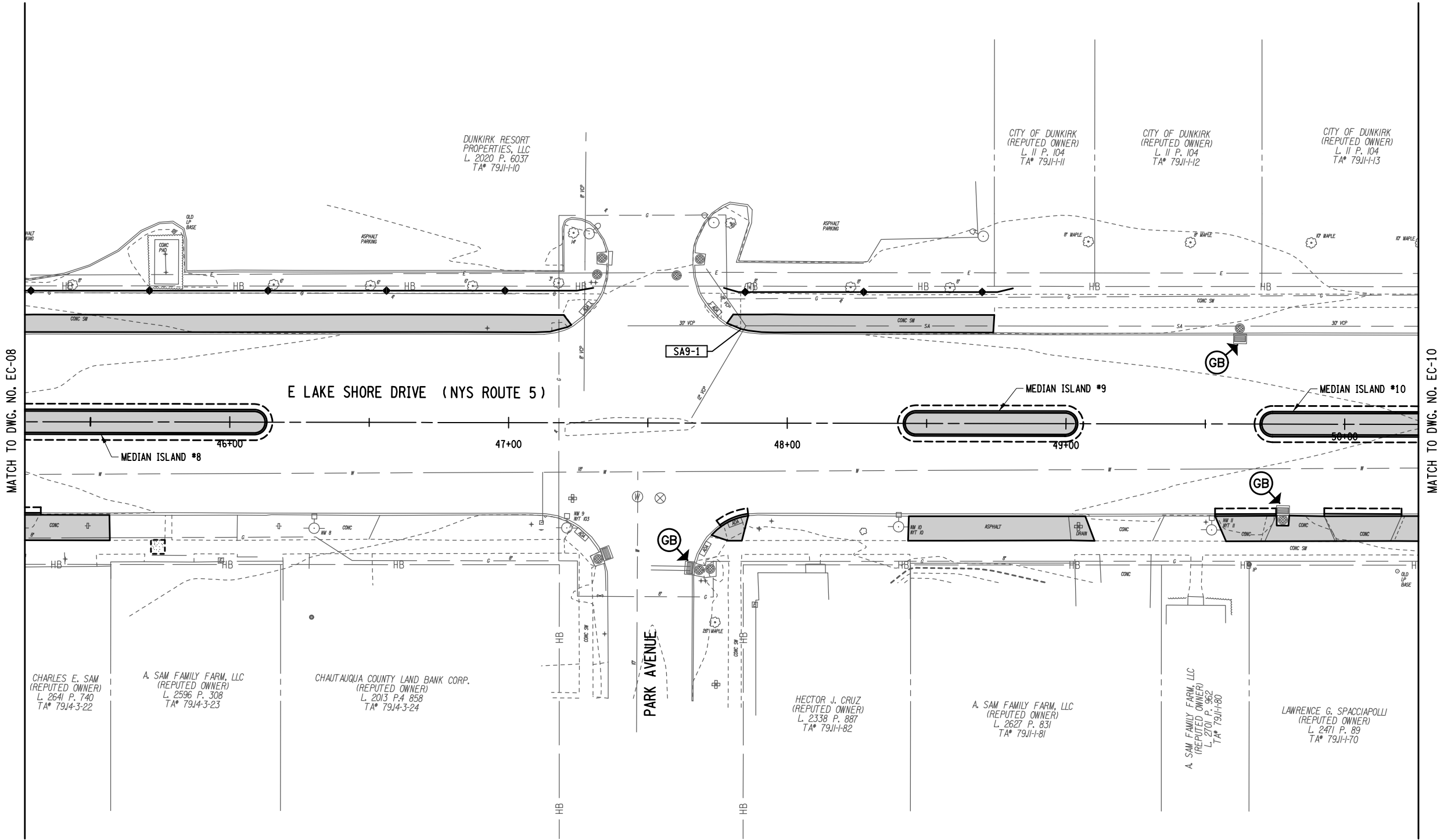
DRAWING TITLE

EROSION CONTROL  
PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 44 OF 94	DRAWING NO. EC-08

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USER = Wellisda

DESIGN SUPERVISOR W. McCORMICK JOB MANAGER P. PRESUTTI DESIGNED BY P. PRESUTTI CHECKED BY A. BLACKMON DRAFTED BY S. BEAMAN CHECKED BY A. BLACKMON

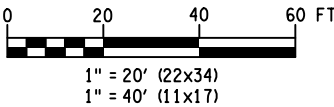


**EROISION CONTROL LEGEND:**

- (GB) → ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION  
GRAVEL BAG - TEMPORARY
- ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE  
FOR TREE PROTECTION

**LEGEND**

- NEW TREE LAWN AREA
- NEW CONCRETE SIDEWALK



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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

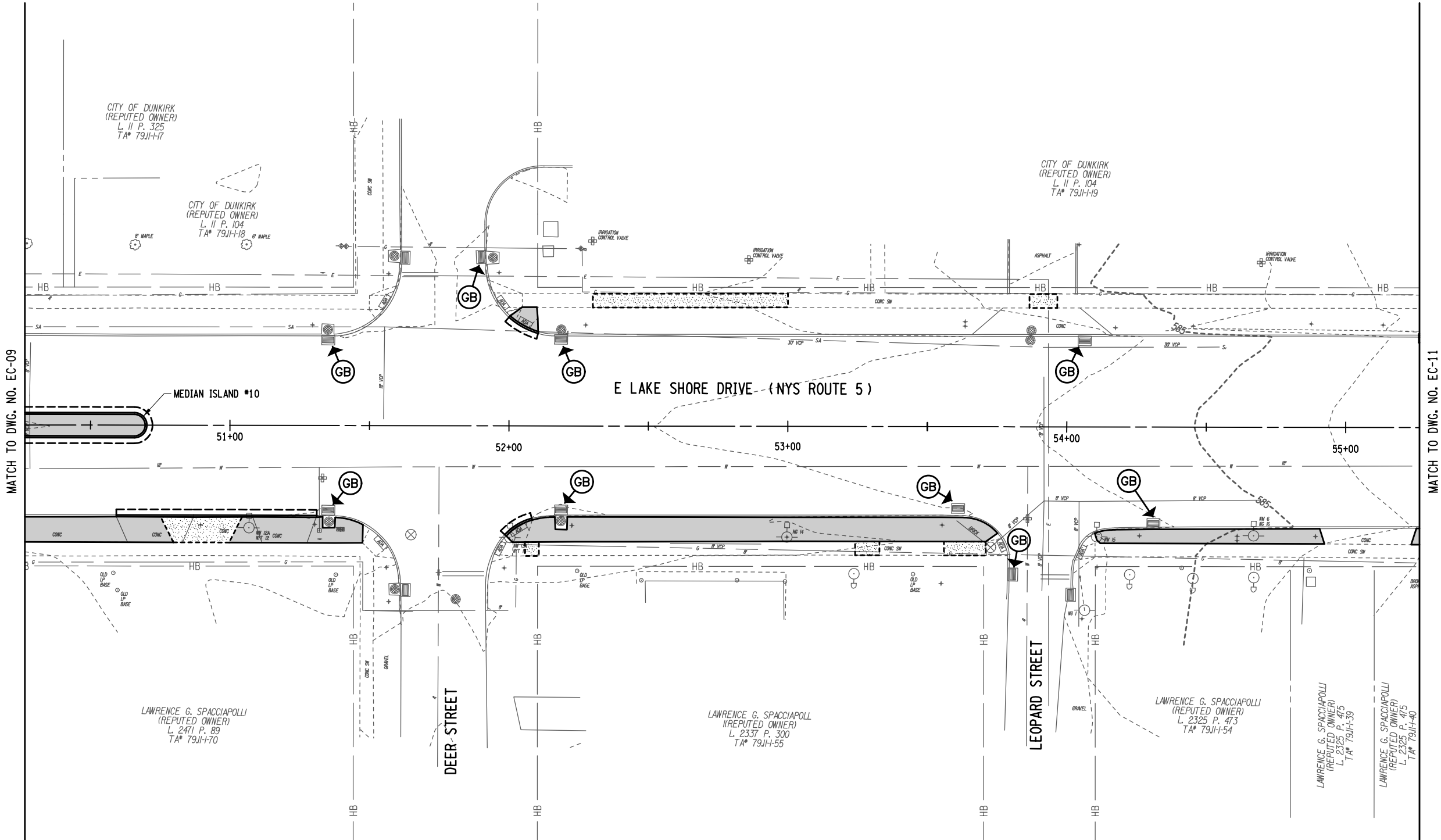
LAKE SHORE DRIVE

DRAWING TITLE

EROSION CONTROL  
PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 45 OF 94	DRAWING NO. EC-09



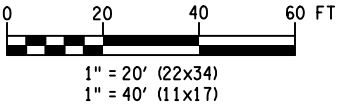


EROISION CONTROL LEGEND:

- ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION GRAVEL BAG - TEMPORARY
- ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE FOR TREE PROTECTION

LEGEND

- NEW TREE LAWN AREA
- NEW CONCRETE SIDEWALK



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DATE

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

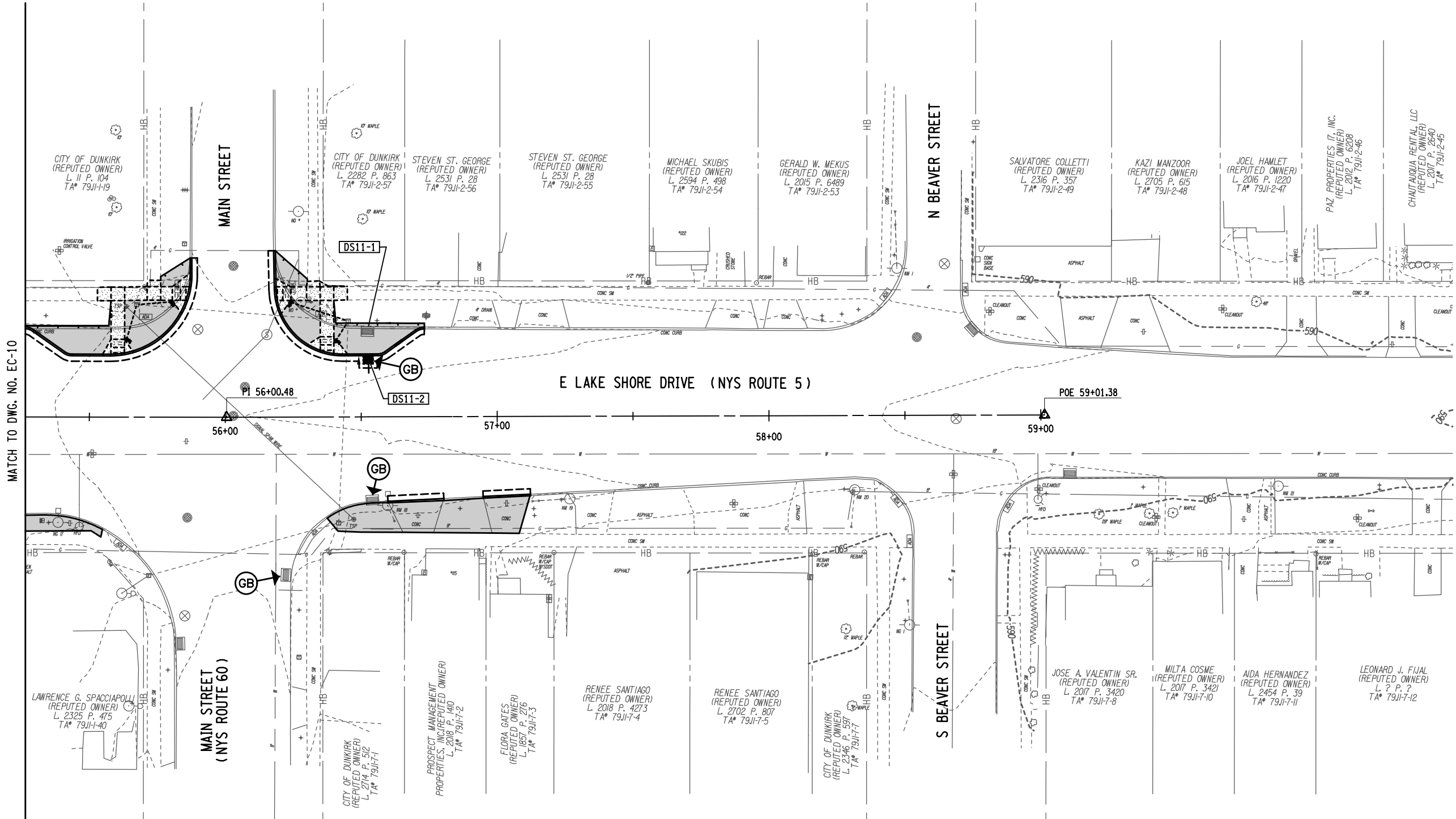
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

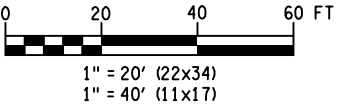
EROSION CONTROL PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 46 OF 94	DRAWING NO. EC-10



- EROISION CONTROL LEGEND:**
- ITEM 209.1702 - DRAINAGE STRUCTURE INLET PROTECTION GRAVEL BAG - TEMPORARY
  - ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE FOR TREE PROTECTION

- LEGEND**
- NEW TREE LAWN AREA
  - NEW CONCRETE SIDEWALK



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CITY OF DUNKIRK

PROJECT NAME

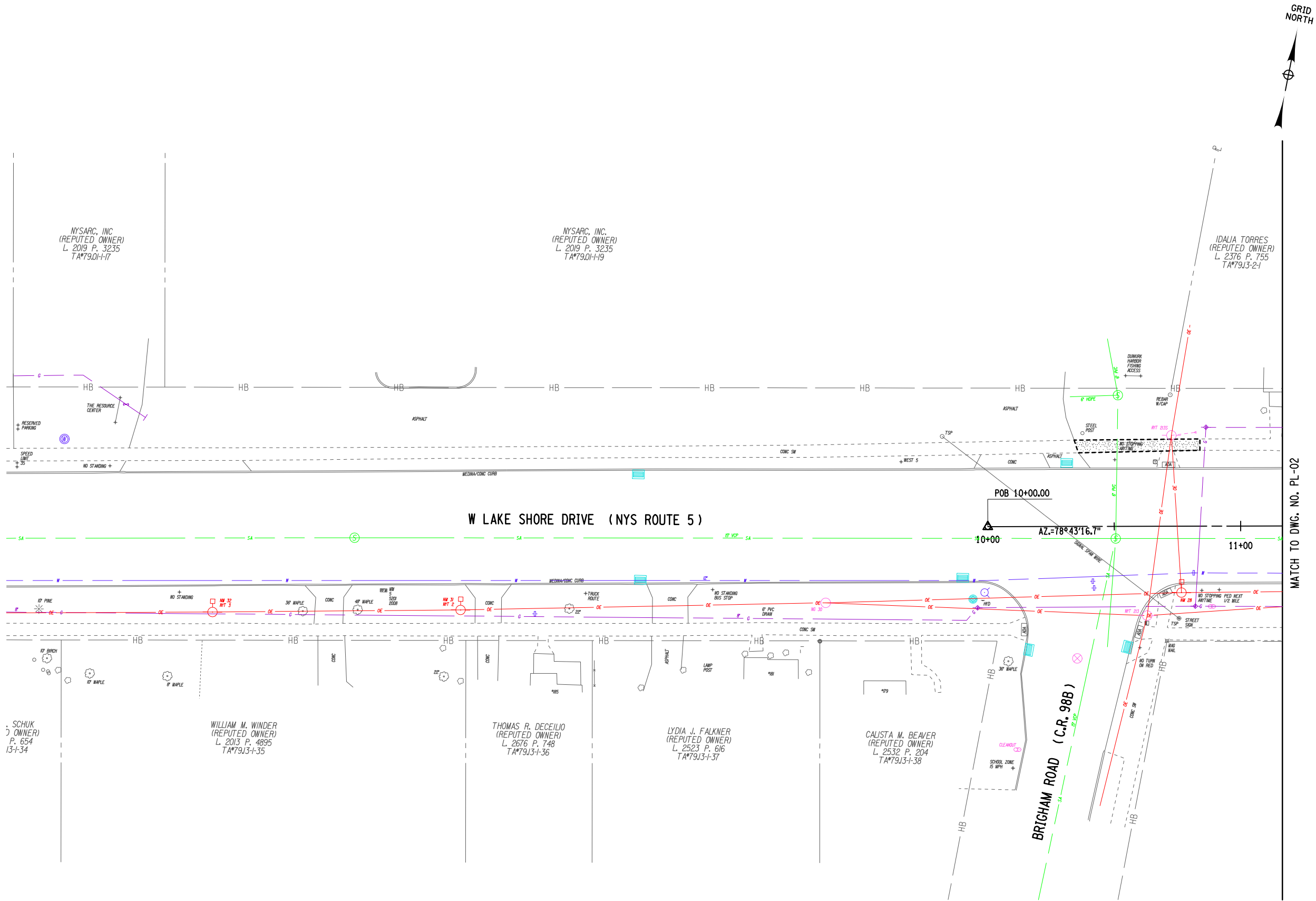
LAKE SHORE DRIVE

DRAWING TITLE

EROSION CONTROL PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 47 OF 94	DRAWING NO. EC-11





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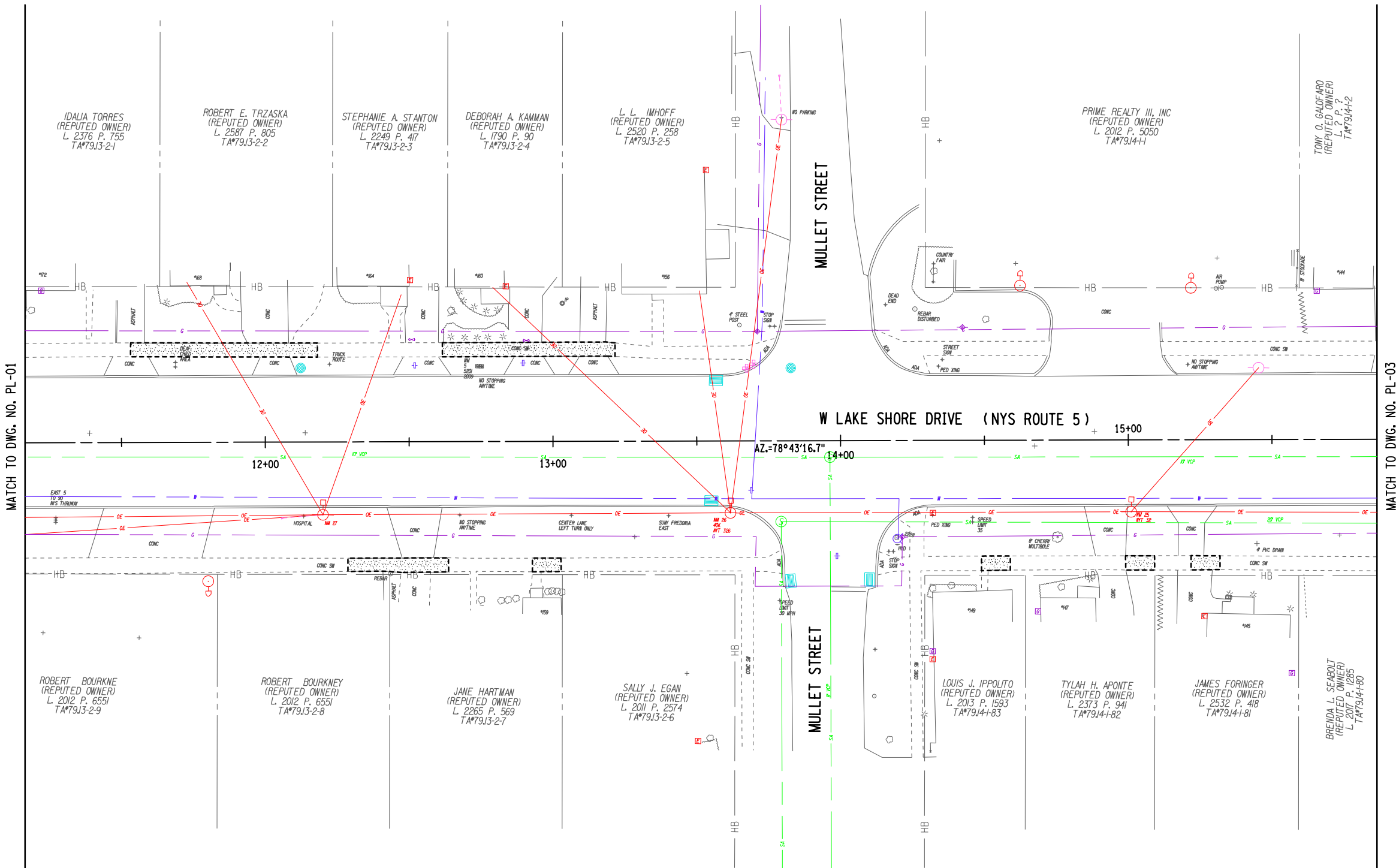
REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT  
  
CITY OF DUNKIRK

PROJECT NAME  
  
LAKE SHORE DRIVE

DRAWING TITLE  
  
GENERAL  
PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 48 OF 94	DRAWING NO. PL-01



LEGEND  
NEW CONCRETE SIDEWALK



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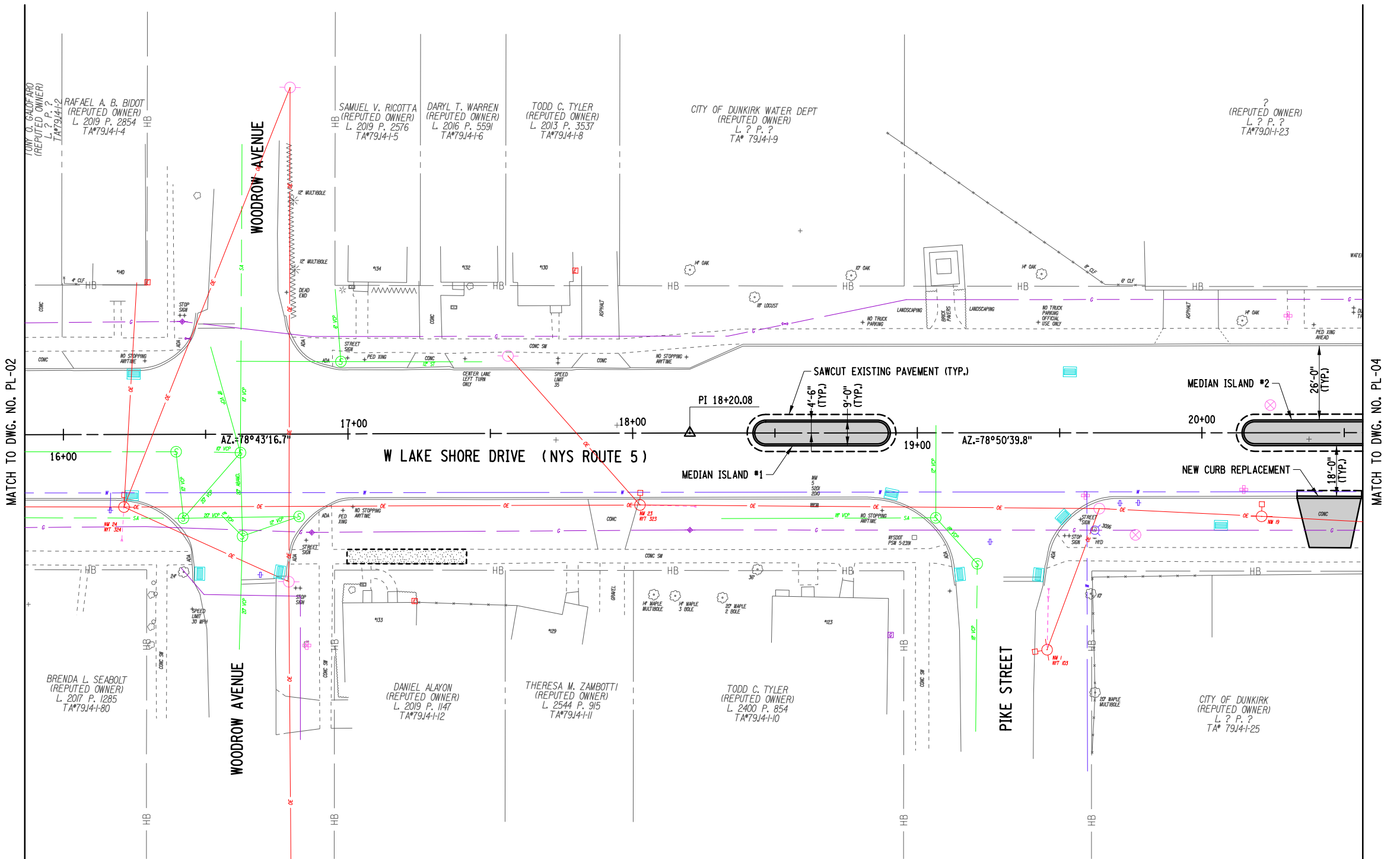
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

GENERAL PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 49 OF 94	DRAWING NO. PL-02



NOTES:  
1. REFER TO DWG. NO. MID-01 THRU MID-03 FOR MEDIAN ISLAND LAYOUT DETAILS.

LEGEND  
NEW TREE LAWN AREA  
NEW CONCRETE SIDEWALK



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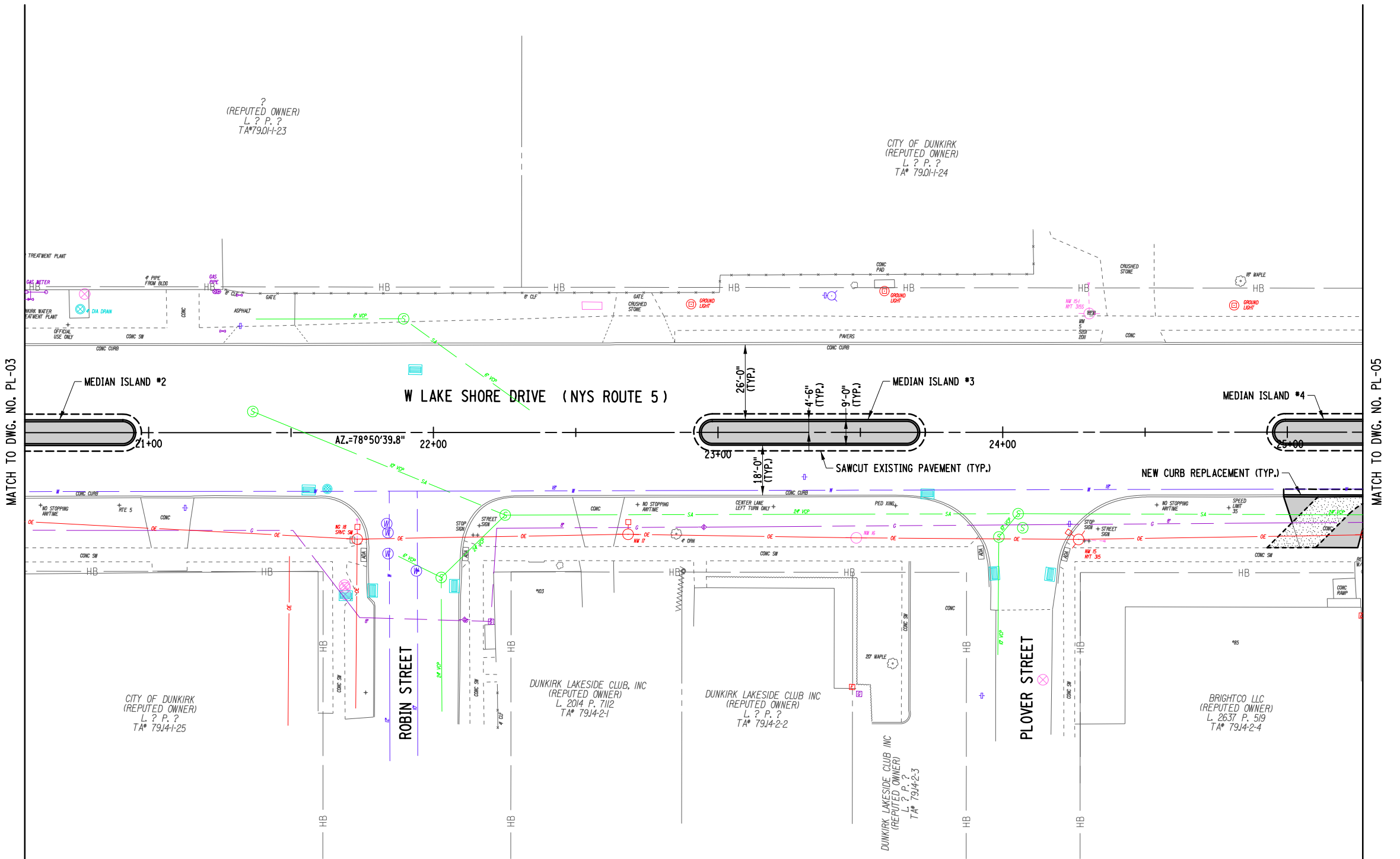
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

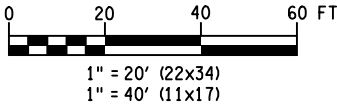
GENERAL  
PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 50 OF 94	DRAWING NO. PL-03



NOTES:  
1. REFER TO DWG. NO. MID-01 THRU MID-03 FOR MEDIAN ISLAND LAYOUT DETAILS.

LEGEND  
NEW TREE LAWN AREA  
NEW CONCRETE SIDEWALK



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CITY OF DUNKIRK

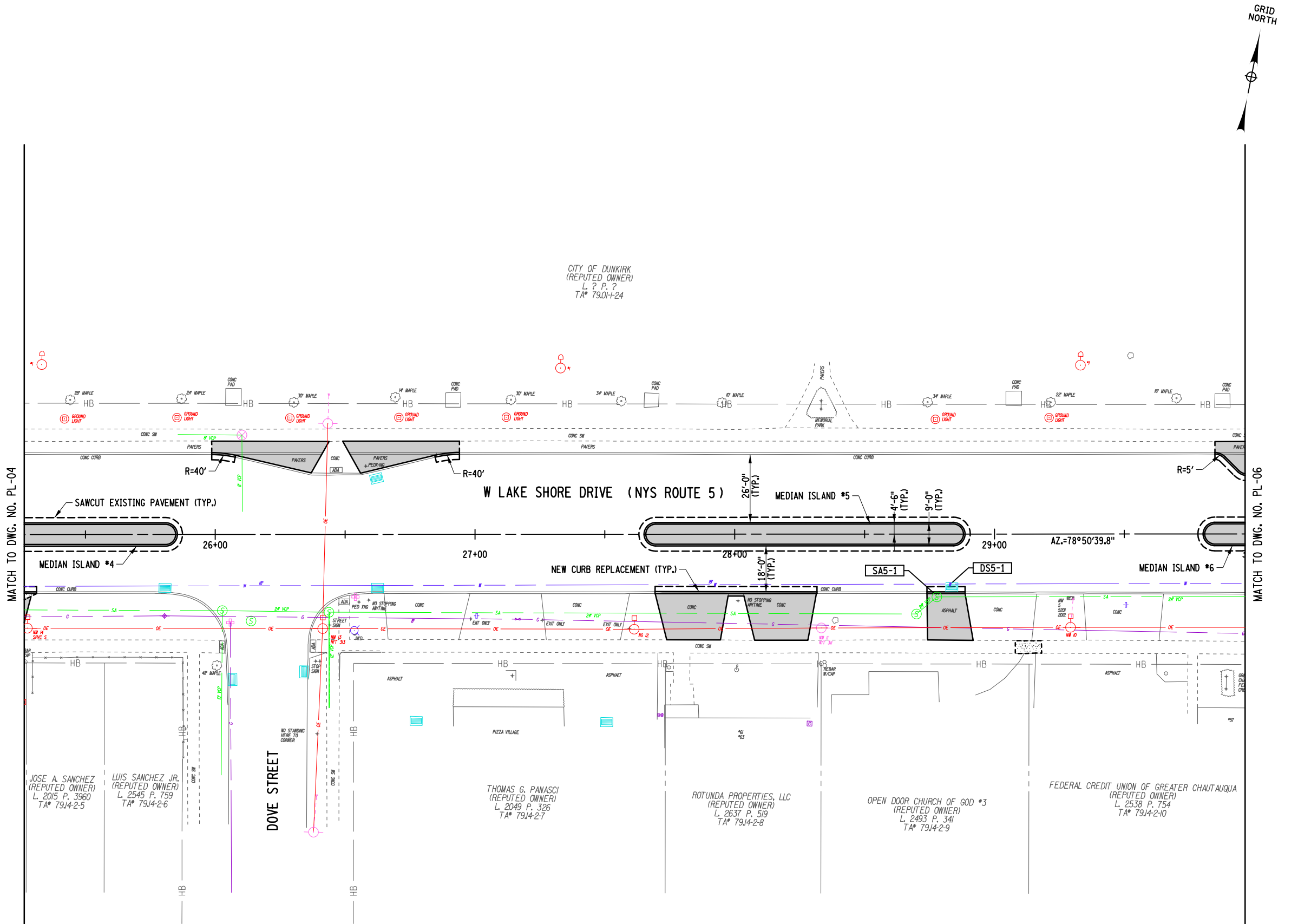
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

GENERAL PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 51 OF 94	DRAWING NO. PL-04



NOTES:  
1. REFER TO DWG. NO. MID-01 THRU MID-03 FOR MEDIAN ISLAND LAYOUT DETAILS.

LEGEND  
NEW TREE LAWN AREA  
NEW CONCRETE SIDEWALK



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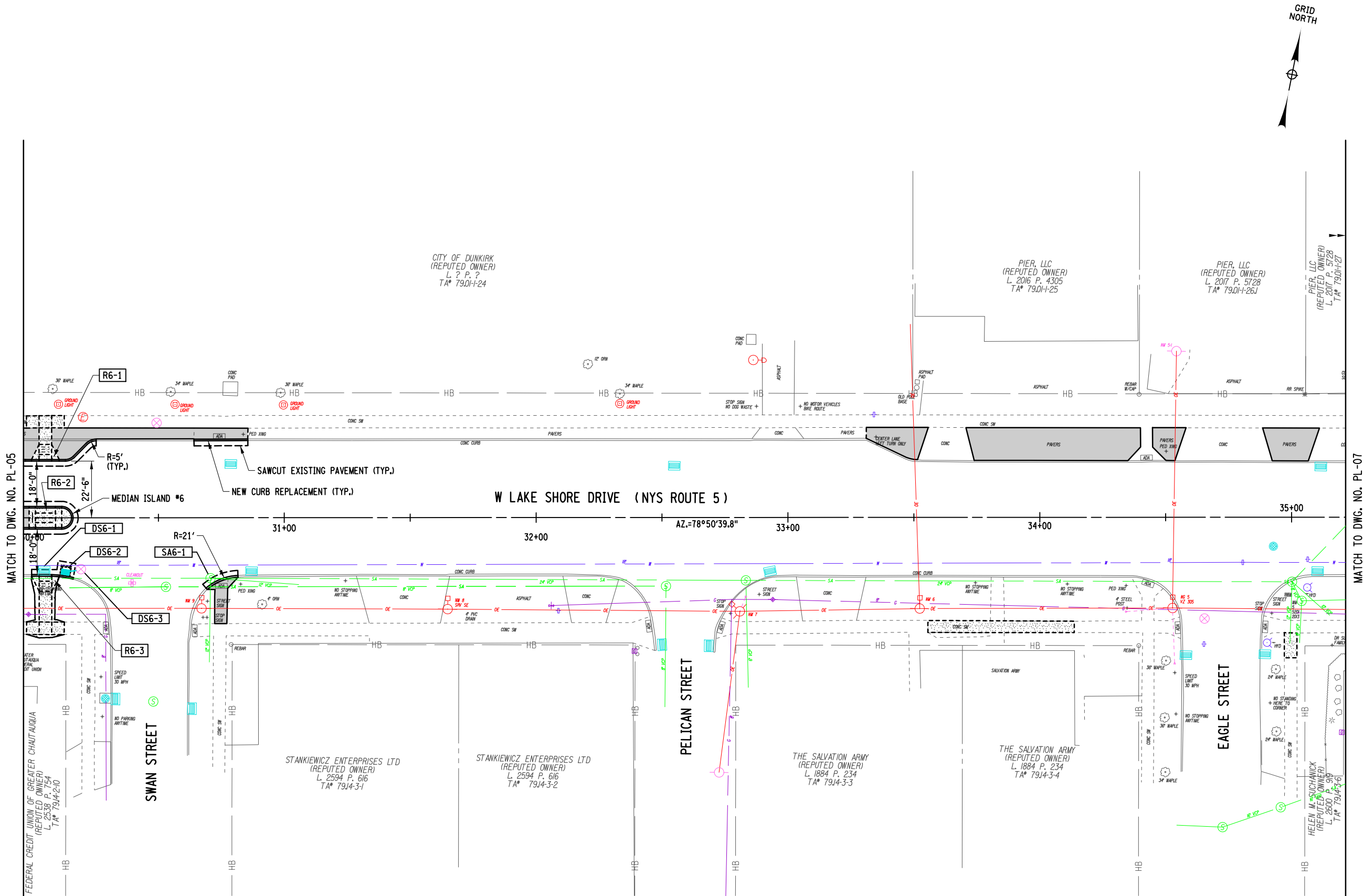
CITY OF DUNKIRK

PROJECT NAME  
**LAKE SHORE DRIVE**

DRAWING TITLE  
**GENERAL PLAN**

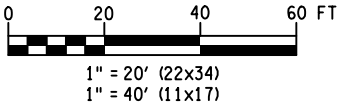
SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 52 OF 94	DRAWING NO. PL-05





- NOTES:
1. REFER TO DWG. NO. MID-01 THRU MID-03 FOR MEDIAN ISLAND LAYOUT DETAILS.
  2. REFER TO DWG. NO. CRD-01 THRU CRD-04 FOR CURB RAMP DETAILS.

- LEGEND
- NEW TREE LAWN AREA
  - NEW CONCRETE SIDEWALK
  - RX-Y CURB RAMP REPLACEMENT (X: PLAN SHEET \* - Y: RAMP \*) SEE NOTE 3



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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

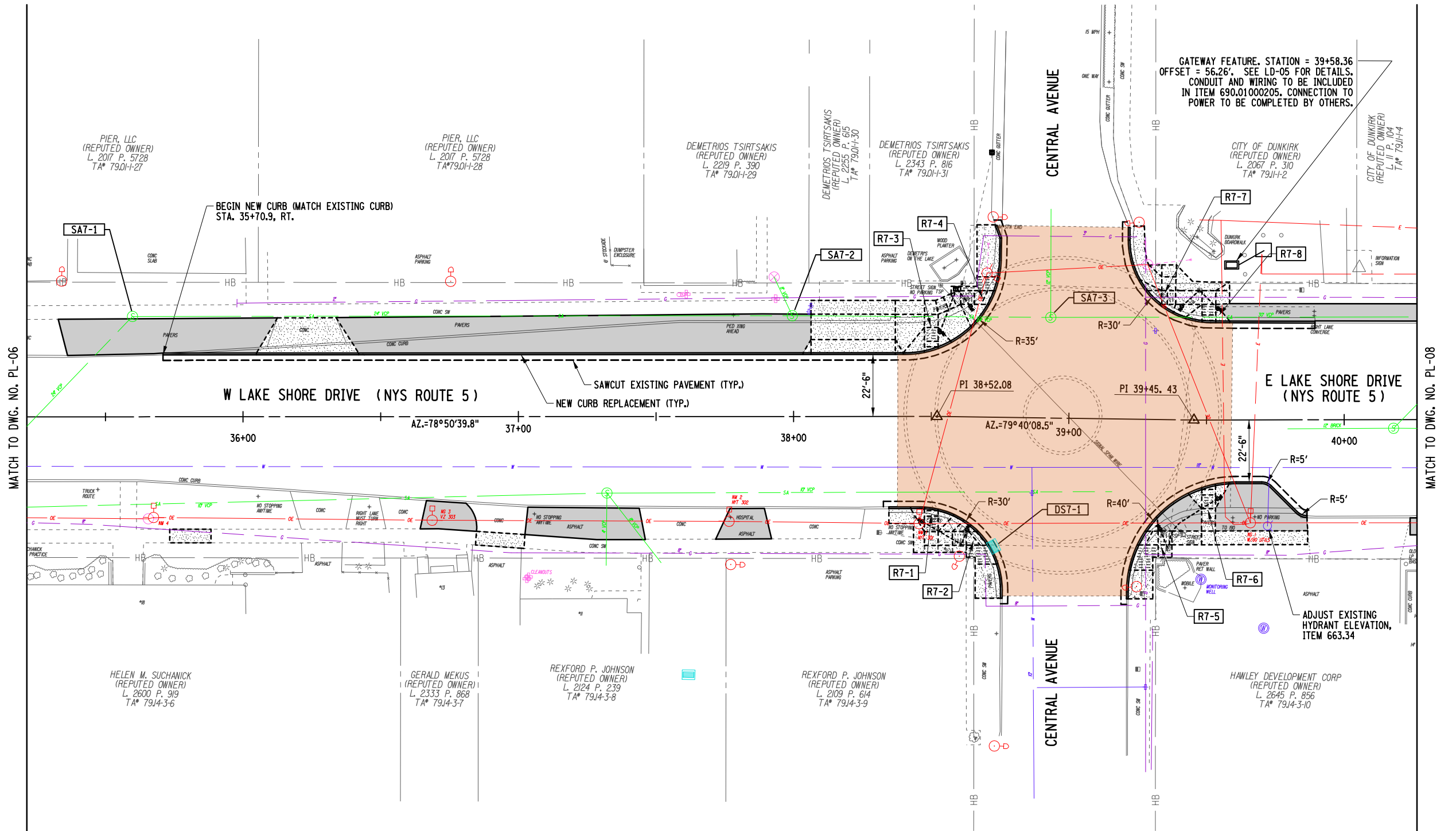
LAKE SHORE DRIVE

DRAWING TITLE

GENERAL PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 53 OF 94	DRAWING NO. PL-06



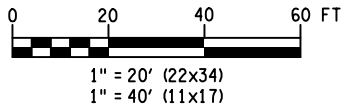


NOTES:

1. REFER TO DWG. NO. MID-01 THRU MID-03 FOR MEDIAN ISLAND LAYOUT DETAILS.
2. REFER TO DWG. NO. CRD-01 THRU CRD-04 FOR CURB RAMP DETAILS.
3. REFER TO DWG. NO. TSP-01 FOR TRAFFIC SIGNAL MODIFICATION PLANS.

LEGEND

- NEW TREE LAWN AREA
- PCC PAVEMENT MILL & NEW HMA PAVEMENT AREA
- NEW CONCRETE SIDEWALK / DRIVEWAY
- RX-Y CURB RAMP REPLACEMENT  
OX: PLAN SHEET \* - Y: RAMP \*  
SEE NOTE 3



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REVISIONS			
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CITY OF DUNKIRK

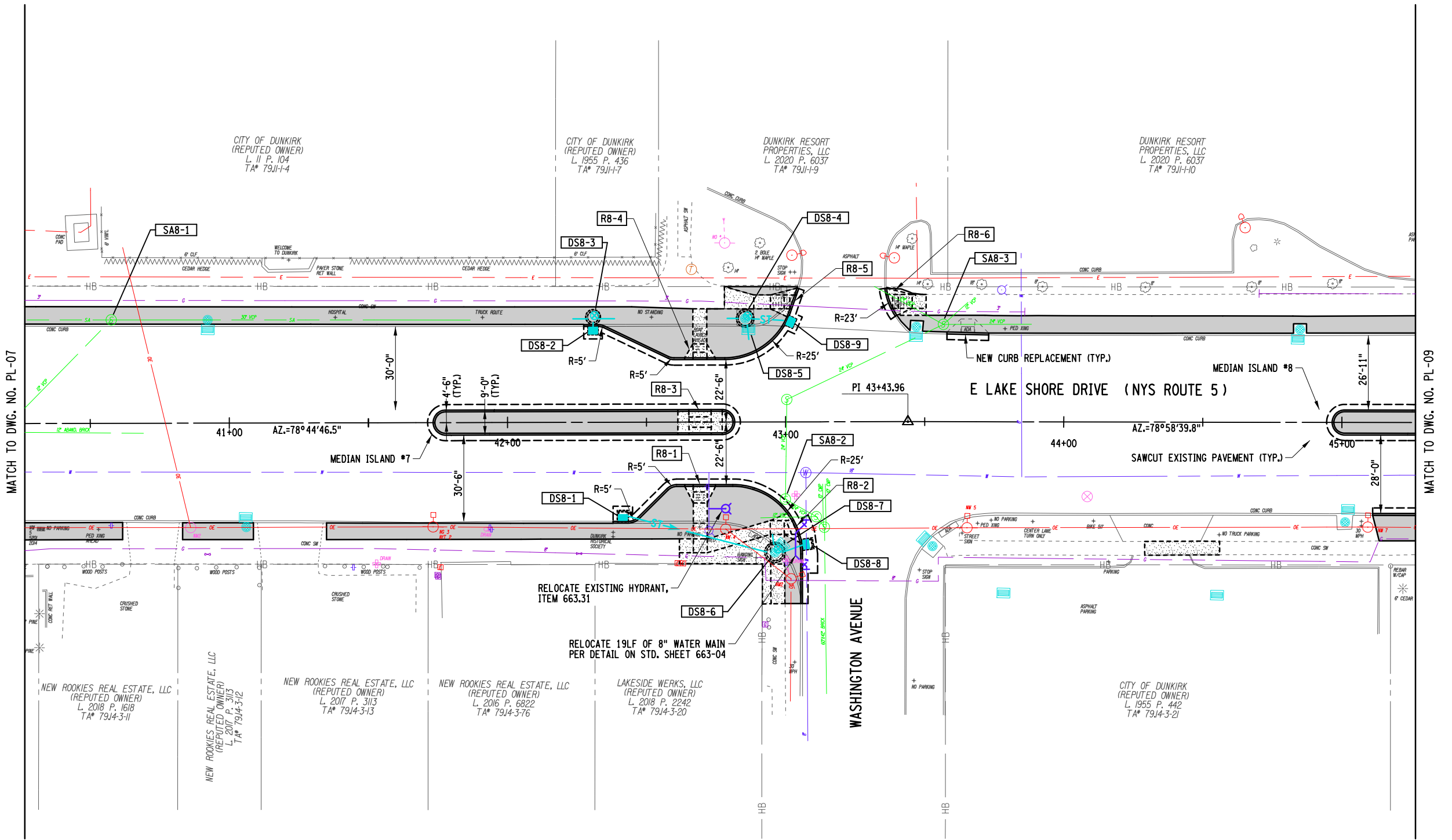
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

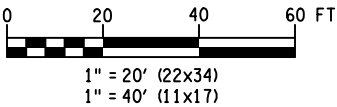
GENERAL PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 54 OF 94	DRAWING NO. PL-07



- NOTES:
1. REFER TO DWG. NO. MID-01 THRU MID-03 FOR MEDIAN ISLAND LAYOUT DETAILS.
  2. REFER TO DWG. NO. CRD-01 THRU CRD-04 FOR CURB RAMP DETAILS.

- LEGEND
- NEW TREE LAWN AREA
  - NEW CONCRETE SIDEWALK
  - RX-Y CURB RAMP REPLACEMENT (X: PLAN SHEET \* - Y: RAMP \*) SEE NOTE 3



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REVISIONS			
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CLIENT



CITY OF DUNKIRK

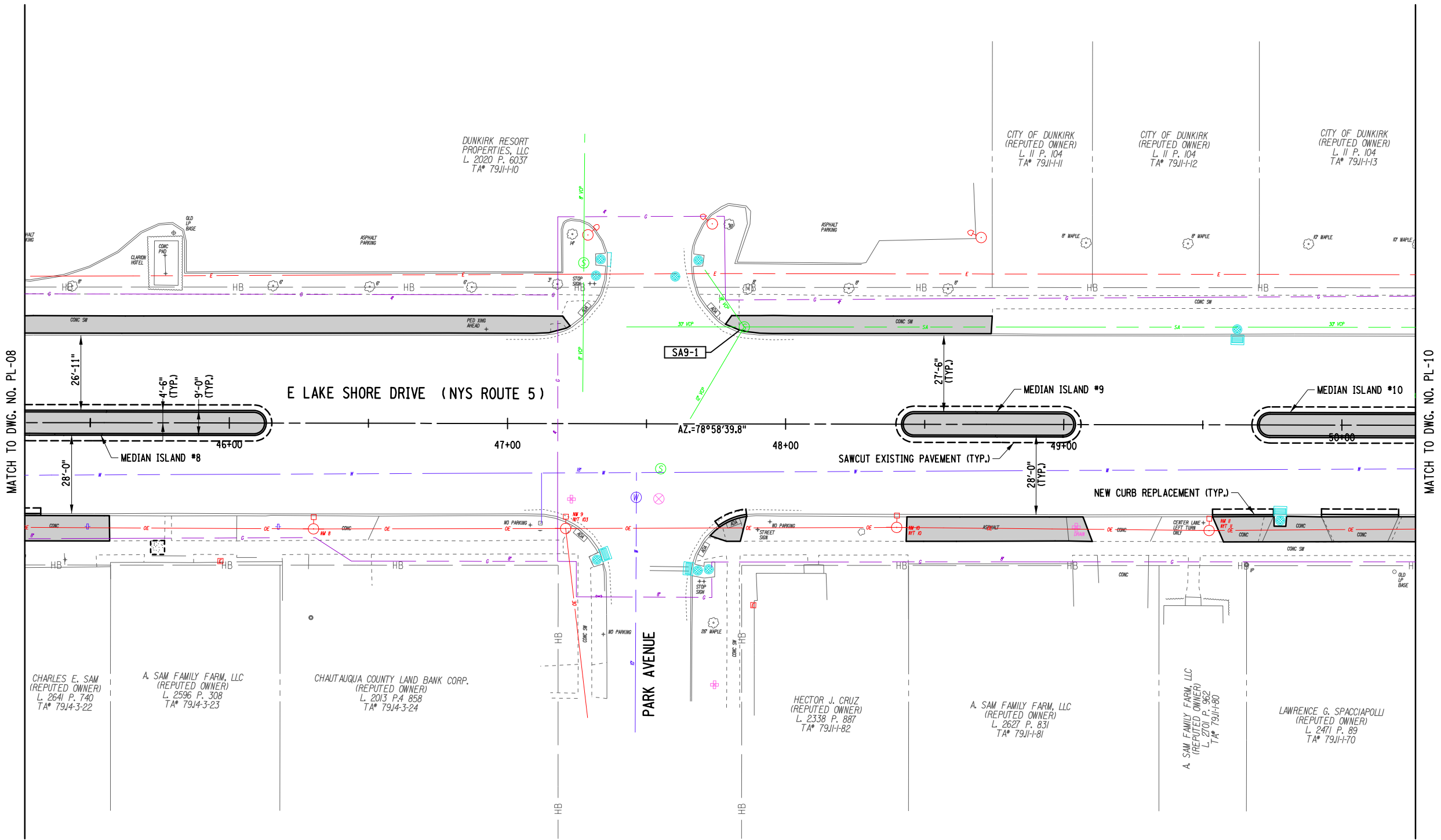
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

GENERAL PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 55 OF 94	DRAWING NO. PL-08



NOTES:  
1. REFER TO DWG. NO. MID-01 THRU MID-03 FOR MEDIAN ISLAND LAYOUT DETAILS.

LEGEND  
NEW TREE LAWN AREA  
NEW CONCRETE SIDEWALK



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REVISIONS			
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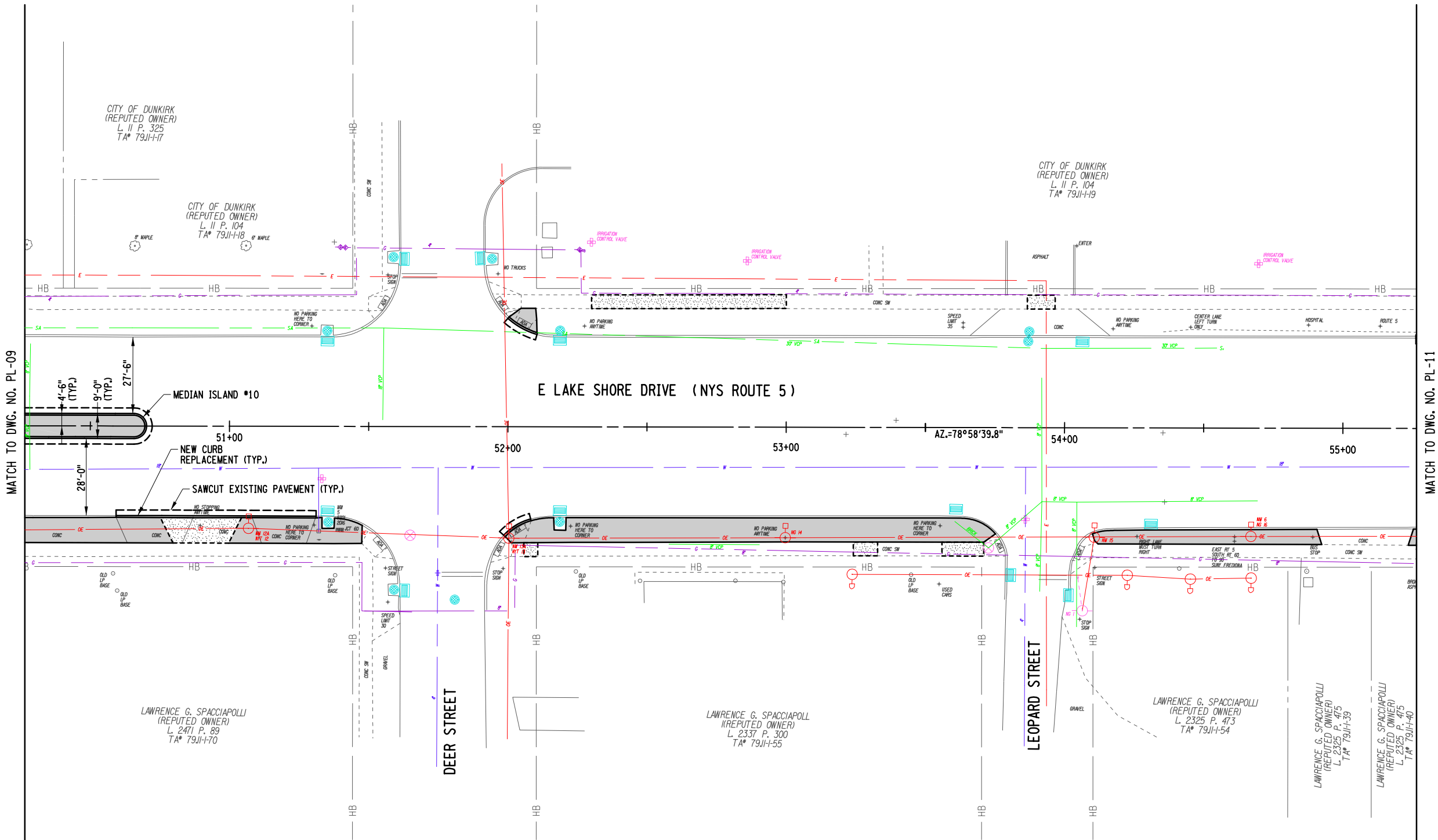
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

GENERAL  
PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 56 OF 94	DRAWING NO. PL-09

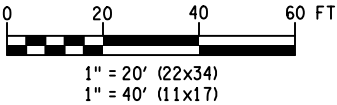


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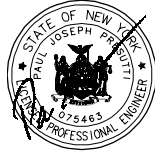
1. REFER TO DWG. NO. MID-01 THRU MID-03 FOR MEDIAN ISLAND LAYOUT DETAILS.

LEGEND

- NEW TREE LAWN AREA  
NEW CONCRETE SIDEWALK



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CITY OF DUNKIRK

PROJECT NAME

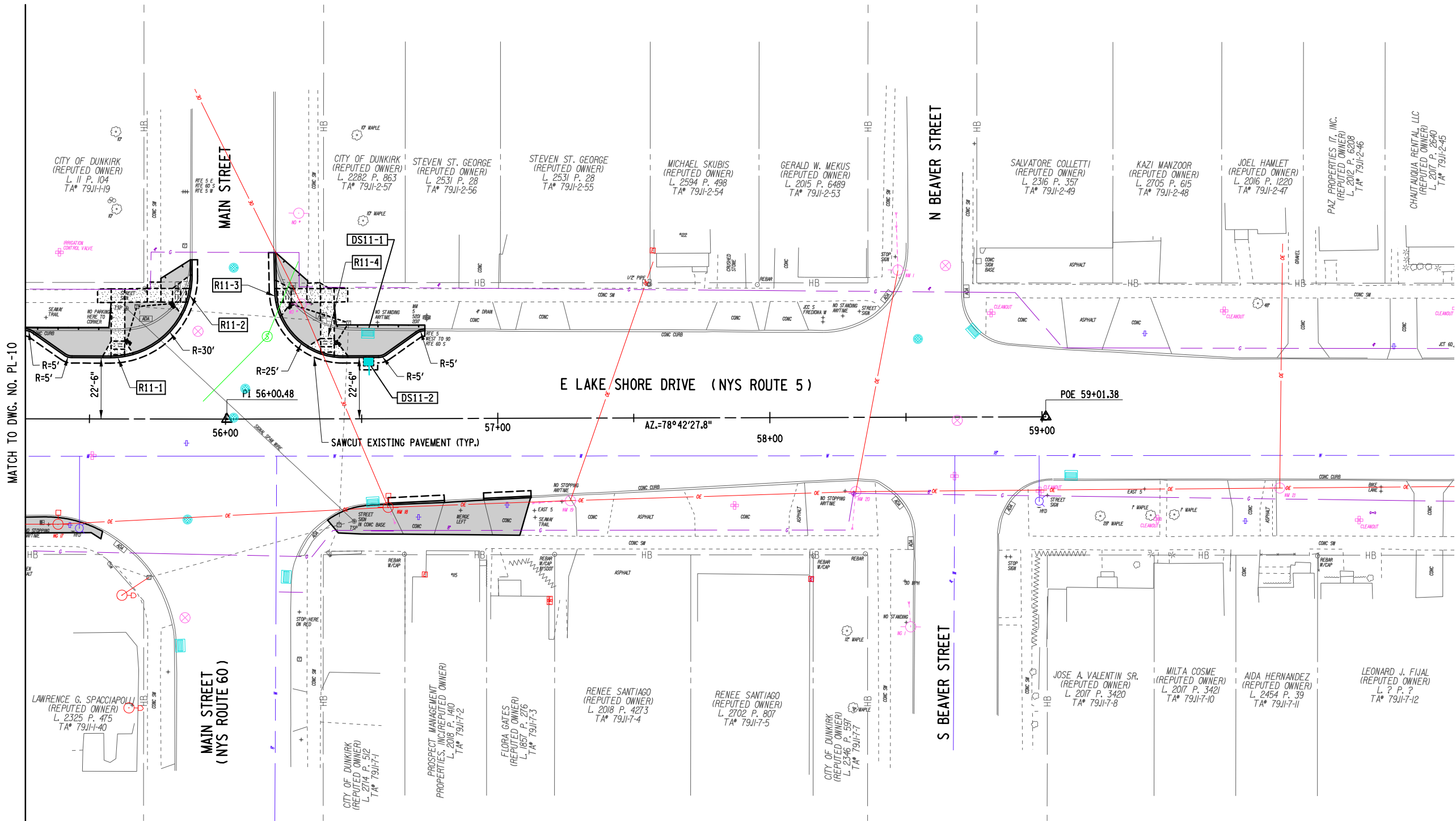
LAKE SHORE DRIVE

DRAWING TITLE

GENERAL PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 57 OF 94	DRAWING NO. PL-10





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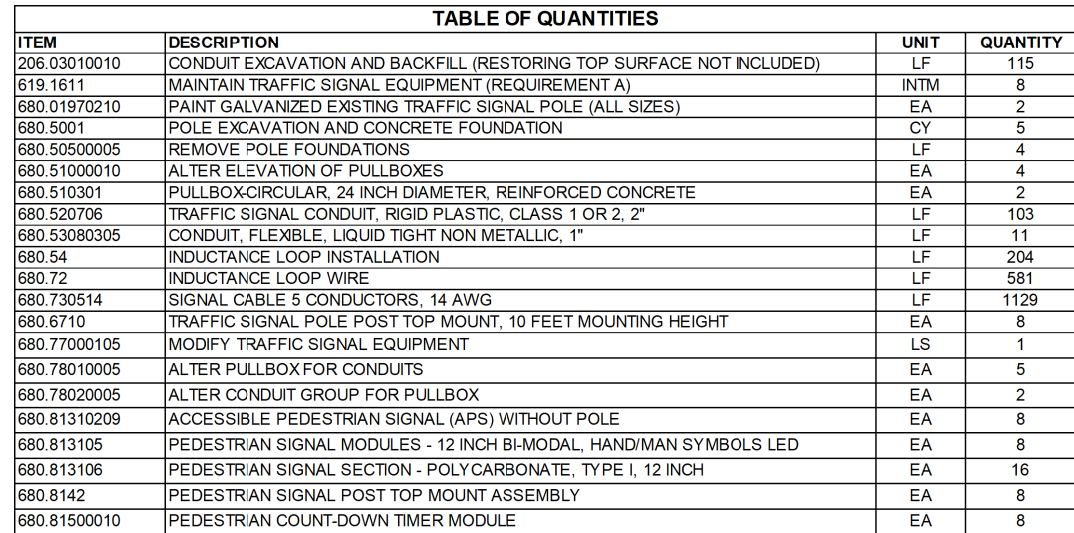
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

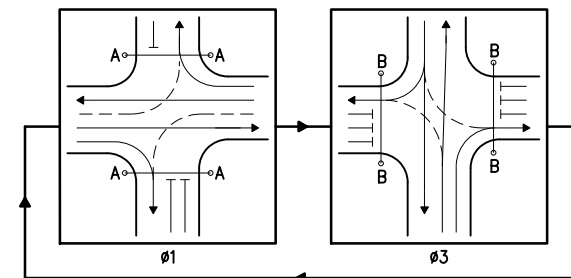
GENERAL PLAN

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 58 OF 94	DRAWING NO. PL-11



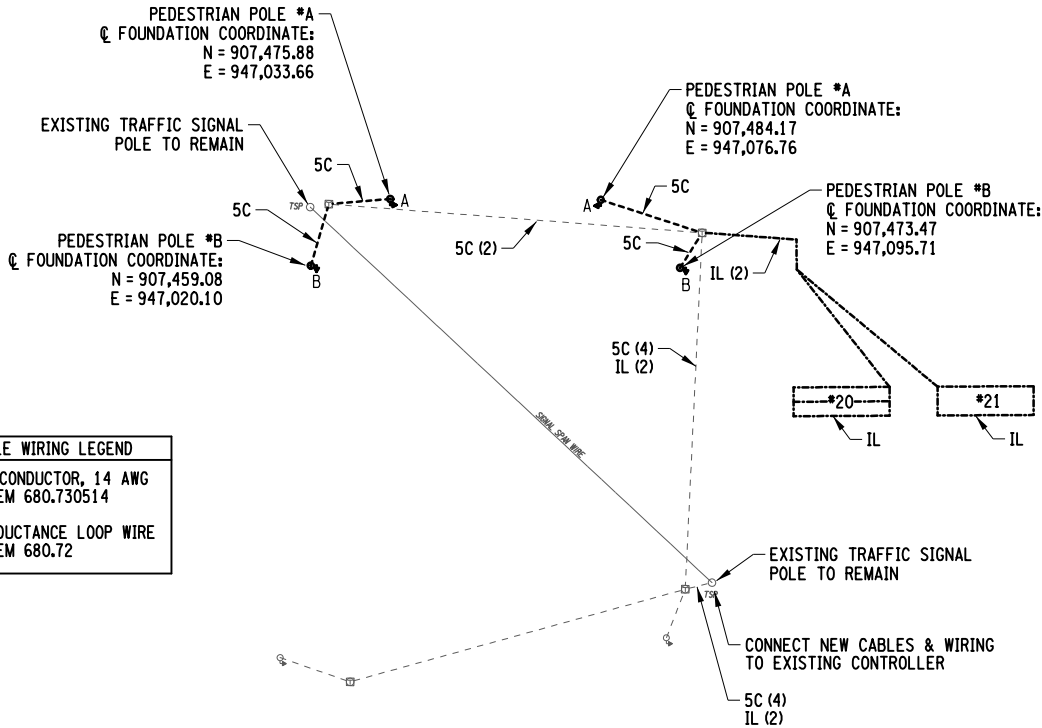
- 

The diagram shows a rectangular button with rounded corners and a black border. It is divided into four horizontal sections by white lines. The top section contains a black silhouette of a person walking and the text "START CROSSING" in bold, underlined capital letters, followed by "Watch For Vehicles" in smaller text. The second section contains a black silhouette of a hand with fingers spread, the word "FLUORESCENT" in small letters below it, and the text "DON'T START" in bold, underlined capital letters, followed by "Finish Crossing If Started" in smaller text. The third section contains a digital display showing "08" and the word "TIME" in small letters below it, and the text "TIME REMAINING" in bold, underlined capital letters, followed by "To Finish Crossing" in smaller text. The bottom section contains a black silhouette of a hand with the index finger pointing down, the word "SAFETY" in small letters above it, and the text "DON'T CROSS" in bold, underlined capital letters. Below the button is a black arrow pointing to the right with the text "PUSH BUTTON" above it and "TO CROSS" below it.



SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 59 OF 94	DRAWING NO. TSP-01

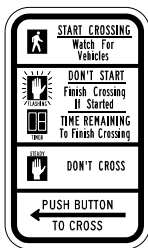
CABLE WIRING LEGEND	
5C - 5 CONDUCTOR, 14 AWG ITEM 680.730514	
IL - INDUCTANCE LOOP WIRE ITEM 680.72	



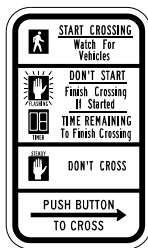
POLE LAYOUT AND CABLE WIRING DIAGRAM  
1" = 40'

TABLE OF QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
206.03010010	CONDUIT EXCAVATION AND BACKFILL (RESTORING TOP SURFACE NOT INCLUDED)	LF	80
619.1611	MAINTAIN TRAFFIC SIGNAL EQUIPMENT (REQUIREMENT A)	INTM	8
680.01970210	PAINT GALVANIZED EXISTING TRAFFIC SIGNAL POLE (ALL SIZES)	EA	2
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	3
680.50500005	REMOVE POLE FOUNDATIONS	LF	4
680.51000010	ALTER ELEVATION OF PULL BOXES	EA	4
680.520706	TRAFFIC SIGNAL CONDUIT, RIGID PLASTIC, CLASS 1 OR 2, 2"	LF	54
680.53080305	CONDUIT, FLEXIBLE, LIQUID TIGHT NON METALLIC, 1"	LF	25
680.54	INDUCTANCE LOOP INSTALLATION	LF	188
680.72	INDUCTANCE LOOP WIRE	LF	614
680.730514	SIGNAL CABLE 5 CONDUCTORS, 14 AWG	LF	660
680.6710	TRAFFIC SIGNAL POLE POST TOP MOUNT, 10 FEET MOUNTING HEIGHT	EA	4
680.77000105	MODIFY TRAFFIC SIGNAL EQUIPMENT	LS	1
680.78010005	ALTER PULLBOX FOR CONDUITS	EA	2
680.81310209	ACCESSIBLE PEDESTRIAN SIGNAL (APS) WITHOUT POLE	EA	4
680.813105	PEDESTRIAN SIGNAL MODULE - 12 INCH BI-MODAL, HAND/MAN SYMBOLS LED	EA	4
680.813106	PEDESTRIAN SIGNAL SECTION - POLYCARBONATE, TYPE I, 12 INCH	EA	8
680.8142	PEDESTRIAN SIGNAL POST TOP MOUNT ASSEMBLY	EA	4
680.81500010	PEDESTRIAN COUNT-DOWN TIMER MODULE	EA	4

- NOTES:
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND CONDITION OF THE EXISTING TRAFFIC SIGNAL CONDUITS. ANY ADDITIONAL CONDUIT OR EXCAVATION NECESSARY TO COMPLETE THE PROPOSED WORK SHALL BE APPROVED BY THE ENGINEER.
  - COST OF CUTTING AND/OR REMOVING EXISTING SHIELDED LEAD-IN CABLE AND PEDESTRIAN SIGNAL HEAD CONDUCTOR WIRE TO BE INCLUDED IN THE NEW CABLE WIRING ITEMS.
  - UNDER ITEM 680.77000105, THE EXISTING PEDESTRIAN SIGNAL POLES AND HEADS SHALL BE REUSED AND RELOCATED AS DESIGNATED ON THE PLAN.
  - UNDER ITEM 680.50500005, THE CONTRACTOR SHALL REMOVE EXISTING PEDESTRIAN POLE FOUNDATION TO A MINIMUM OF 2 FEET BELOW FINISHED GRADE.
  - EXISTING PULLBOXES TO REMAIN SHALL BE CLEANED OF DIRT AND DEBRIS. COST INCLUDED IN THE BID PRICE OF THE VARIOUS SIGNAL ITEMS.
  - APS BUTTONS SHALL BE CHECKED FOR CORRECT VOICES AND REFLECT REGION 5 DEFAULT SETTINGS BY NYSDOT CONSTRUCTION INSPECTOR, CONTRACTOR, OR CONSTRUCTION ETC.



R10-3eL



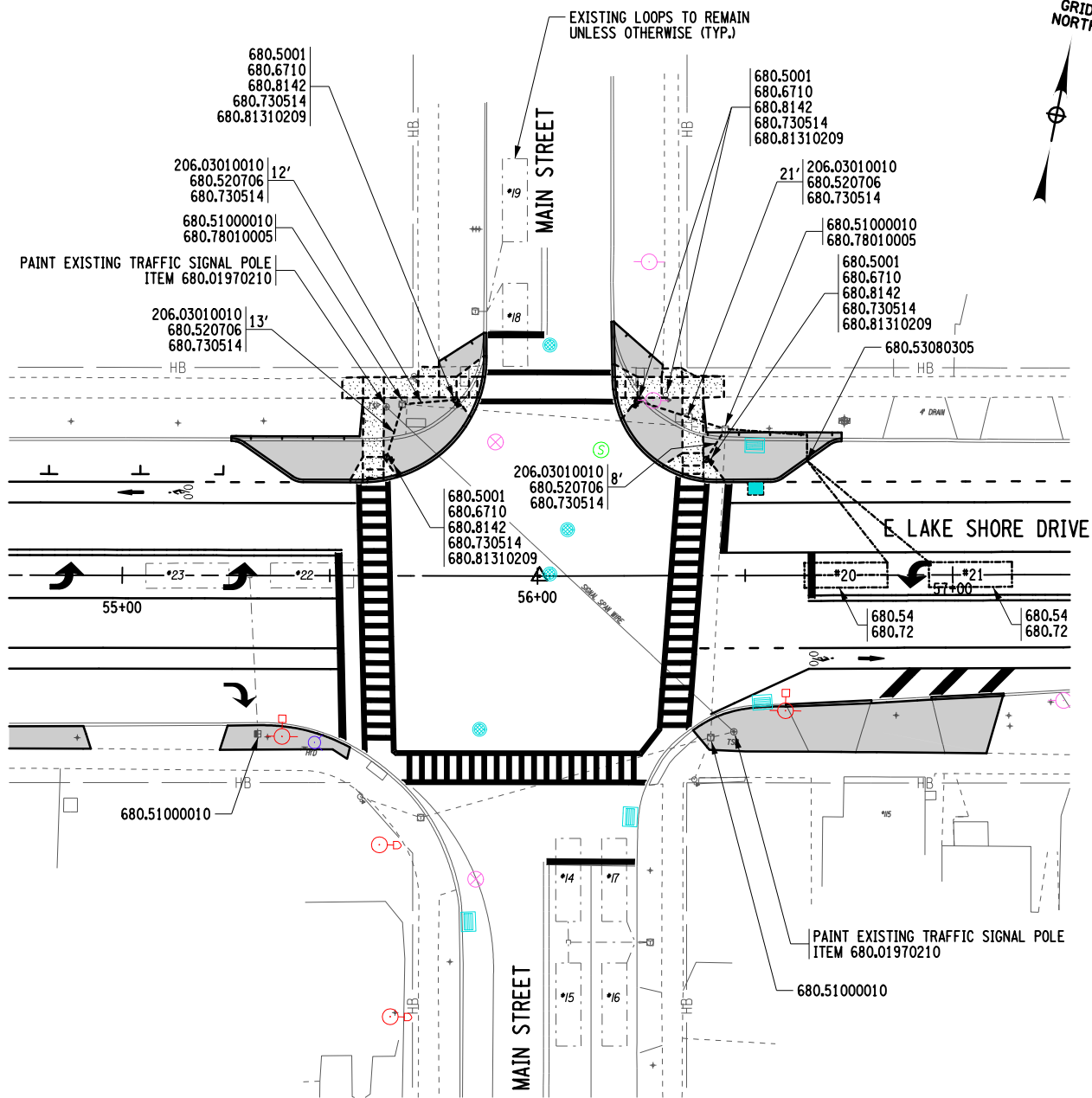
R10-3eR

PEDESTRIAN CROSSING SIGNS

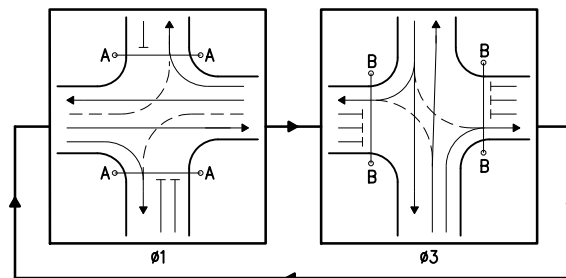


680.813105  
680.813106  
680.81500010  
680.813106

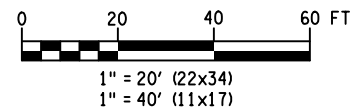
EXISTING/PROPOSED  
PEDESTRIAN SIGNAL HEADS



TRAFFIC SIGNAL PLAN  
1" = 40'



PREFERRED PHASING SEQUENCE



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NO.	DESCRIPTION	BY	DATE

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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

TRAFFIC SIGNAL  
PLAN

E. LAKE SHORE DRIVE @ MAIN STREET

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 60 OF 94	DRAWING NO. TSP-02





LANDSCAPE NOTES

TOPSOIL PLACEMENT

- ONE TYPE OF TOPSOIL IS SPECIFIED FOR TURF AREAS: ITEM 610.1402 - TOPSOIL- ROADSIDE.
- UNLESS NOTED OTHERWISE, THE REQUIRED FINISHED DEPTH OF TOPSOIL FOR ALL DISTURBED AREAS IS A MIN. OF 4 INCHES.
- THE CONTRACTOR SHALL ACCOUNT FOR THE 25% SETTLING OF TOPSOIL DURING PLACEMENT.

TURF ESTABLISHMENT

- ONE TURF ESTABLISHMENT ITEM NUMBER IS SPECIFIED FOR THIS PROJECT.
- ALL DISTURBED AREAS SHALL BE REVEGETATED PER, ITEM 610.1602 - TURF ESTABLISHMENT, LAWNS
- MULCH (INCLUDED IN ITEM 610.1602) SHALL BE STRAW IN ACCORDANCE WITH SECTION 713-19.
- MULCH ANCHORAGE (INCLUDED IN ITEM 610.1602) SHALL BE IN ACCORDANCE WITH ITEM 209.2101 - SOIL STABILIZERS, CLASS IV TYPE A AND SHALL BE APPLIED OVER STRAW.
- THE ACCEPTANCE STANDARD FOR ITEM 610.1602 - TURF ESTABLISHMENT LAWNS SHALL BE IN ACCORDANCE WITH SECTION 610-3.03.
- THE CONTRACTOR SHALL REPEAT THE WORK OF SECTIONS 610-3.03 & 209-3.08B AT NO ADDITIONAL COST TO THE CITY IF AN ACCEPTABLE STAND OF TURF HAS NOT BEEN PRODUCED IN ANY SEEDED AREA WITHIN 4 WEEKS OF SEEDING, OR BY APRIL 30 FOR DORMANT SEEDING. DORMANT SEEDING OCCURS BETWEEN SEPTEMBER 16 AND MARCH 31.
- THE PAY ITEMS FOR WATERING AND MOWING HAVE BEEN SPECIFIED FOR ALL TURF ESTABLISHMENT LOCATIONS.

MOWING

- ALL TURF ESTABLISHMENT AREAS SHALL BE MOWN UNDER ITEM 610.21.
- ONE MOWING HAS BEEN SPECIFIED. MOWING SHALL OCCUR BEFORE ACCEPTANCE OF TURF ESTABLISHMENT AREAS.

WEED REMOVAL

- ALL TURF ESTABLISHMENT AREAS SHALL BE WEEDED UNDER ITEM 610.13 & IN ACCORDANCE WITH SECTION 610-3.11.
- WEED REMOVAL FOR TREE & SHRUB PLANTING PITS SHALL BE PAID UNDER POSTPLANTING CARE.

PLANTING

- REFER TO THE LP DWGS. FOR TREE AND SHRUB PLANTING LOCATIONS.
- REFER TO THE LD DWGS. FOR REQUIRED LANDSCAPE PLANTING DETAILS.
- ALL PLANT MATERIALS SHALL BE INSPECTED FOR VARIETY, SIZE AND QUALITY PRIOR TO PLANTING.
- PLANTING SOIL SHALL BE TOPSOIL-SPECIAL PLANTING MIX- ITEM 610.1404. EXISTING EXCAVATED SOIL FROM THE PLANT PIT MAY BE USED AS PART OF THE PLANTING SOIL ONLY AS DIRECTED BY THE LANDSCAPE ARCHITECT. TOPSOIL, -SPECIAL PLANTING MIX - ITEM 610.1404 USED FOR PLANTING SOIL SHALL BE TESTED AND APPROVED FOR USE TWO WEEKS PRIOR TO PLANTING.
- MULCH TYPE A, (INCLUDED IN ITEMS 611.0151, 611.0201, 611.0442, AND 611.0751) SEASONED WOOD CHIPS SHALL MEET THE REQUIREMENTS OF SECTION 713-05 AND SHALL BE APPLIED TO THE SURFACE OF PLANT PITS AS INDICATED IN PLANTING DETAILS.
- THE PAY ITEM FOR POST-PLANTING CARE WITH REPLACEMENT HAS BEEN SPECIFIED FOR ALL PLANT MATERIALS.

WATERING VEGETATION

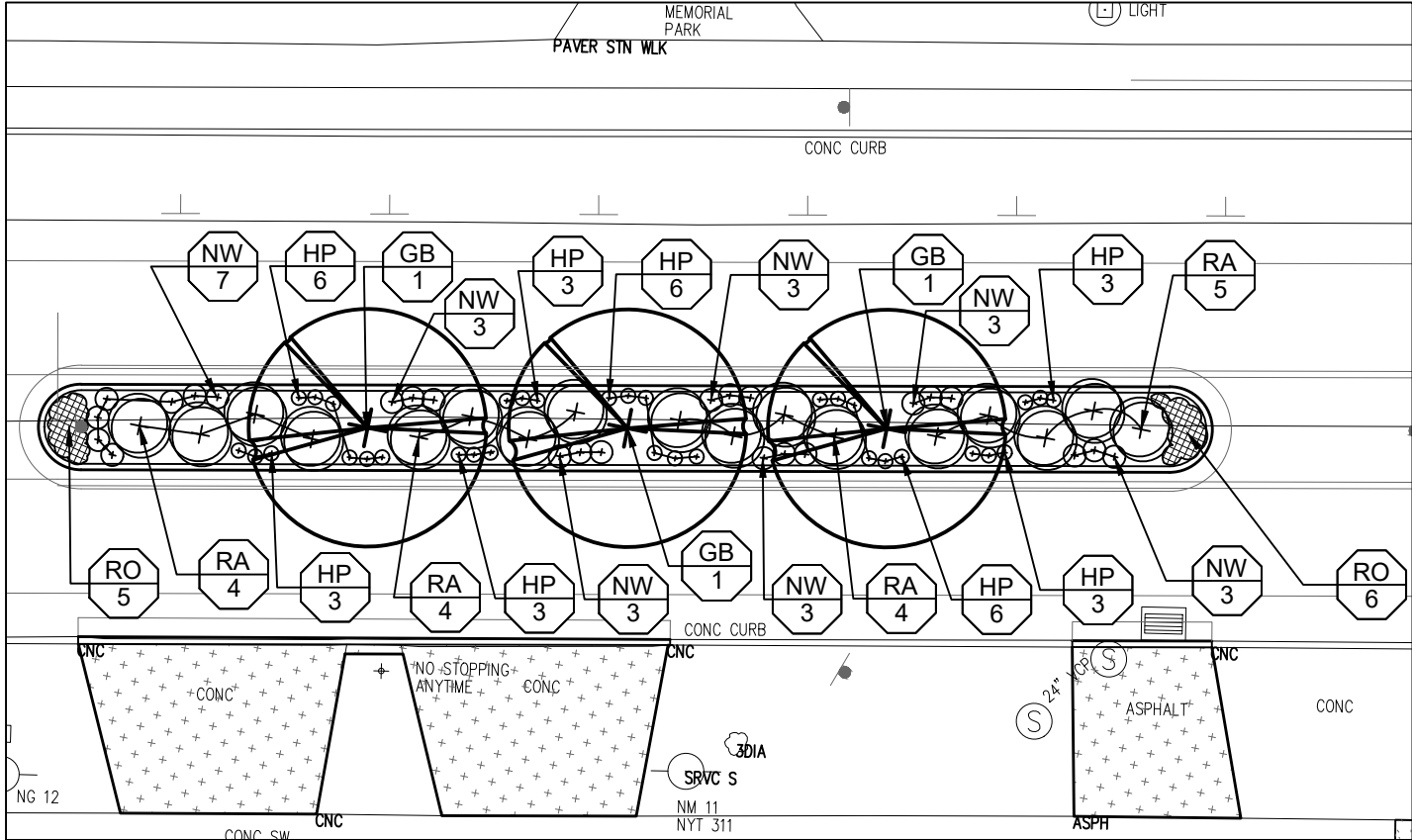
- ALL TURF ESTABLISHMENT AREAS, SHRUBS AND TREES SHALL BE WATERED IN ACCORDANCE WITH SECTION 610-3.10.
- 4 WATERINGS ARE SPECIFIED FOR TURF ESTABLISHMENT AREAS. WATERINGS SHALL OCCUR FOR THE DURATION OF THE CONTRACT.
- 52 WATERINGS ARE SPECIFIED FOR TREES, SHRUBS AND HERBACEOUS PLANTS. WATERINGS SHALL BEGIN UPON ACCEPTANCE OF THE PLANTING AND CONTINUE FOR 26 WEEKS AS PER NYSOT SPECIFICATIONS.
- PORTABLE DRIP IRRIGATION SYSTEMS FOR EACH TREE SHALL BE FILLED COMPLETELY TWICE PER WEEK.
- EACH WATERING OF TREES, SHRUBS AND HERBACEOUS PLANTS REQUIRES APPROXIMATELY 3.24 MG OF WATER.
- SEE POST PLANTING CARE WITH REPLACEMENT NOTE 4.

POST PLANTING CARE WITH REPLACEMENT

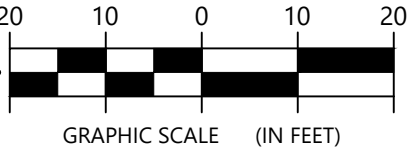
- ALL TREES AND SHRUBS SHALL RECEIVE ITEM 611.190X0024 - POST-PLANTING CARE WITH REPLACEMENT.
- POST-PLANTING CARE WITH REPLACEMENT SHALL BEGIN UPON ACCEPTANCE OF THE PLANTING AND CONTINUE FOR ONE YEAR.
- PRIOR TO ANY PLANTING, THE CONTRACTOR SHALL PREPARE AND SUBMIT A POST-PLANTING CARE WORK SCHEDULE FOR APPROVAL.
- PER POST-PLANTING CARE, AT ANY TIME WHEN A TREE OR SHRUB REQUIRES REPLACEMENT, THE PLANT MATERIAL REQUIRING REPLACEMENT SHALL BE REPLACED IN KIND WITHIN THE PLANTING SEASONS LISTED IN THE STANDARD SPECIFICATIONS & POST-PLANTING CARE & WATERING SHALL CONTINUE TO THE END OF THE PERIOD.

NOTES:

- REFER TO DWG LT-01-06 FOR LANDSCAPE TABLES OF TREE AND SHRUB PLANTINGS

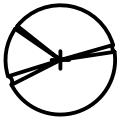


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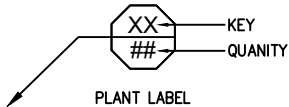


LEGEND:

- PROPOSED CONCRETE SIDEWALKS AND DRIVEWAYS, ITEM 608.0101 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)
- PROPOSED TURF ESTABLISHMENT, ITEM 610.1602 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)



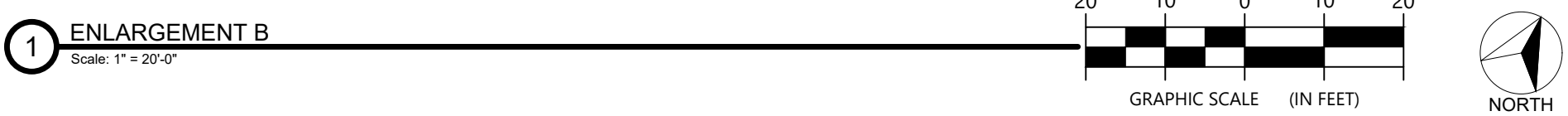
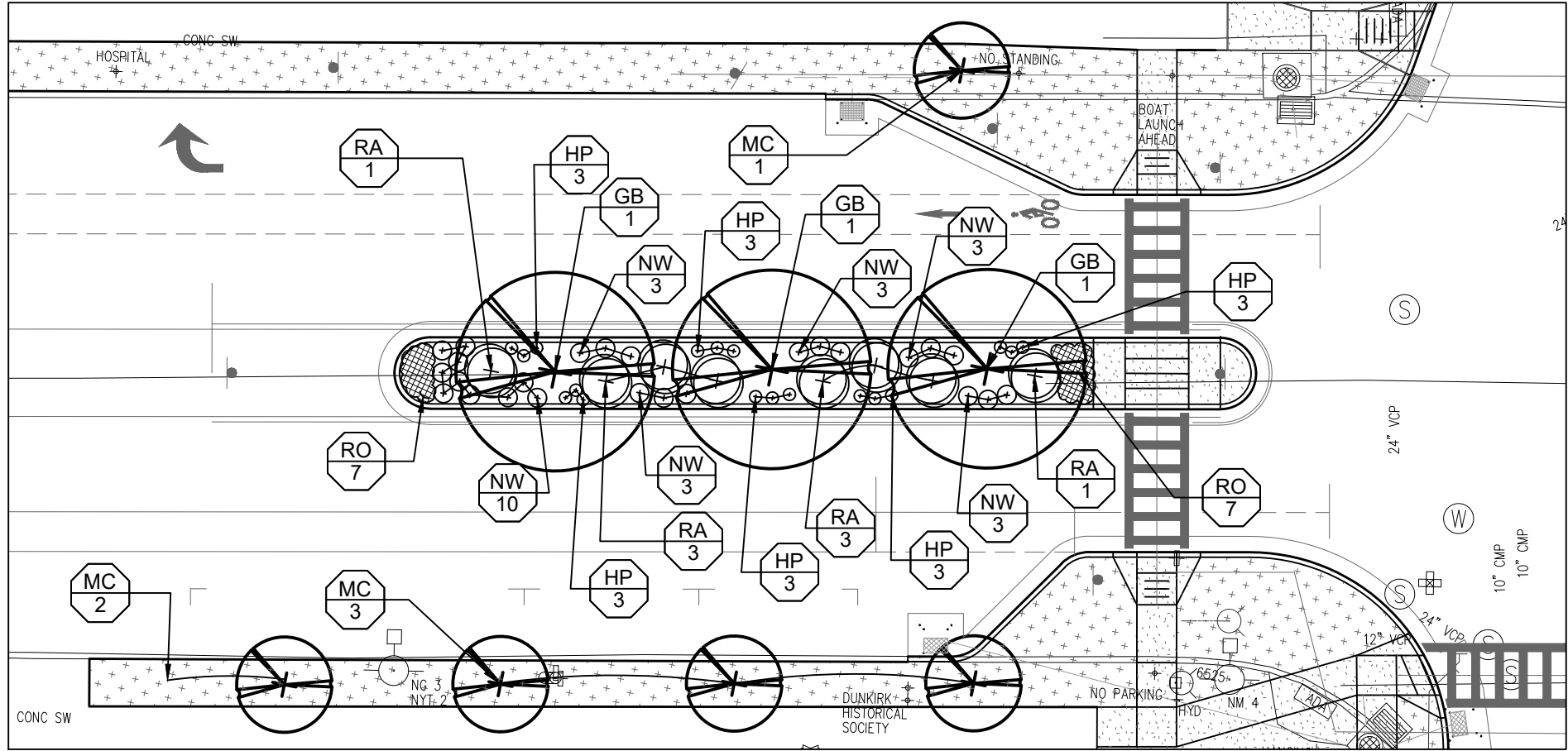
PROPOSED TREE (REFER TO DWG. LT-01-06 FOR LANDSCAPE TABLES AND SPECIFICATIONS)



PLANT LABEL

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DESIGN SUPERVISOR J. GAGLIANO JOB MANAGER D. PRIZZI CHECKED BY D. PRIZZI DRAFTED BY K. GIFFORD CHECKED BY D. PRIZZI ESTIMATED BY J. GAGLIANO



**LEGEND:**

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PLANT LABEL

KEY  
QUANTITY

**NOTES:**

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CLIENT

CITY OF DUNKIRK

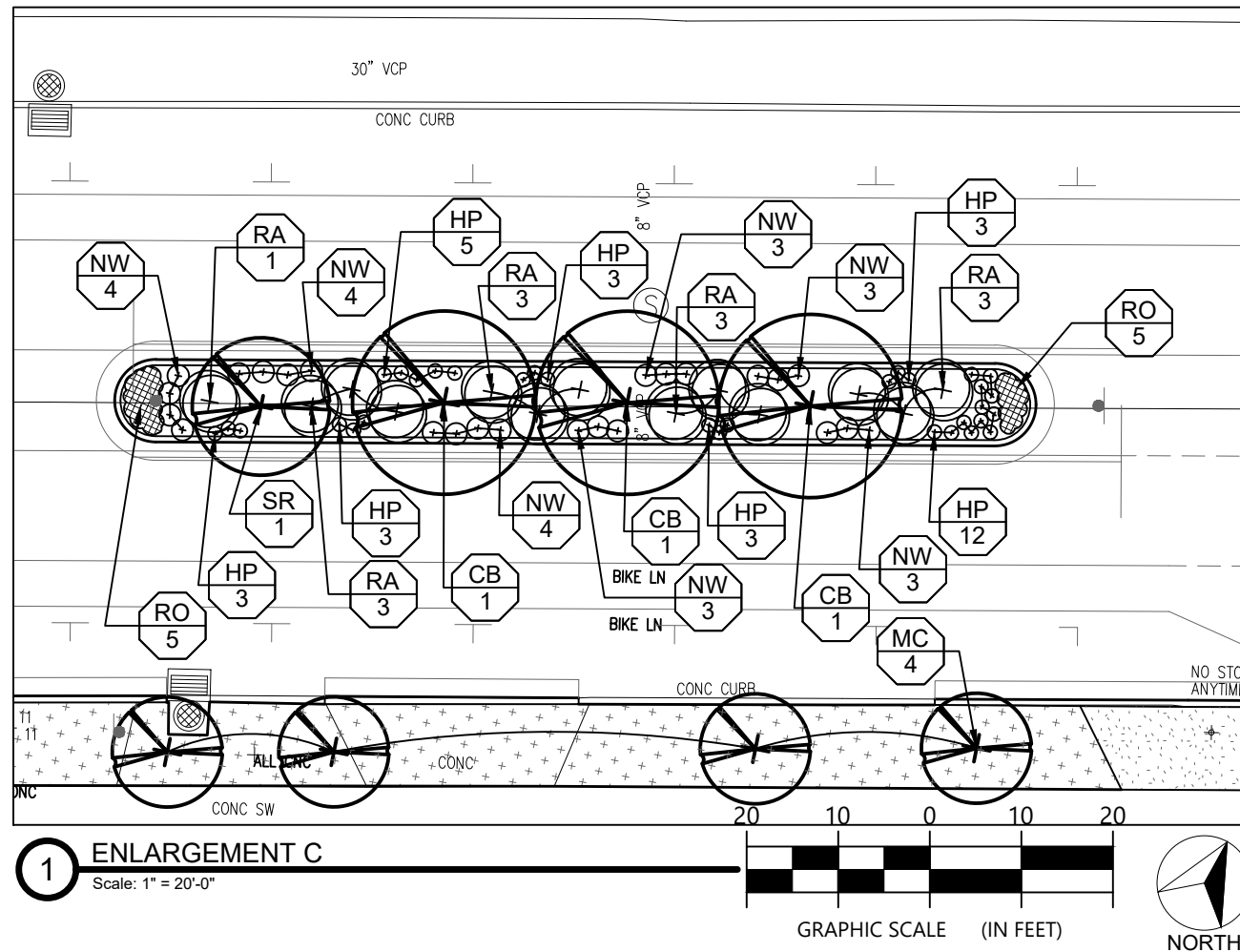
PROJECT NAME

LAKE SHORE DRIVE



DRAWING TITLE

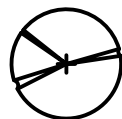
LANDSCAPE DETAILS

SCALE AS SHOWN	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 62 of 94	DRAWING NO. LD - 02



**LEGEND:**

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(REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)
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PROPOSED TREE (REFER TO DWG. LT-01-06 FOR  
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PLANT LABEL



—KEY  
—QUANTITY

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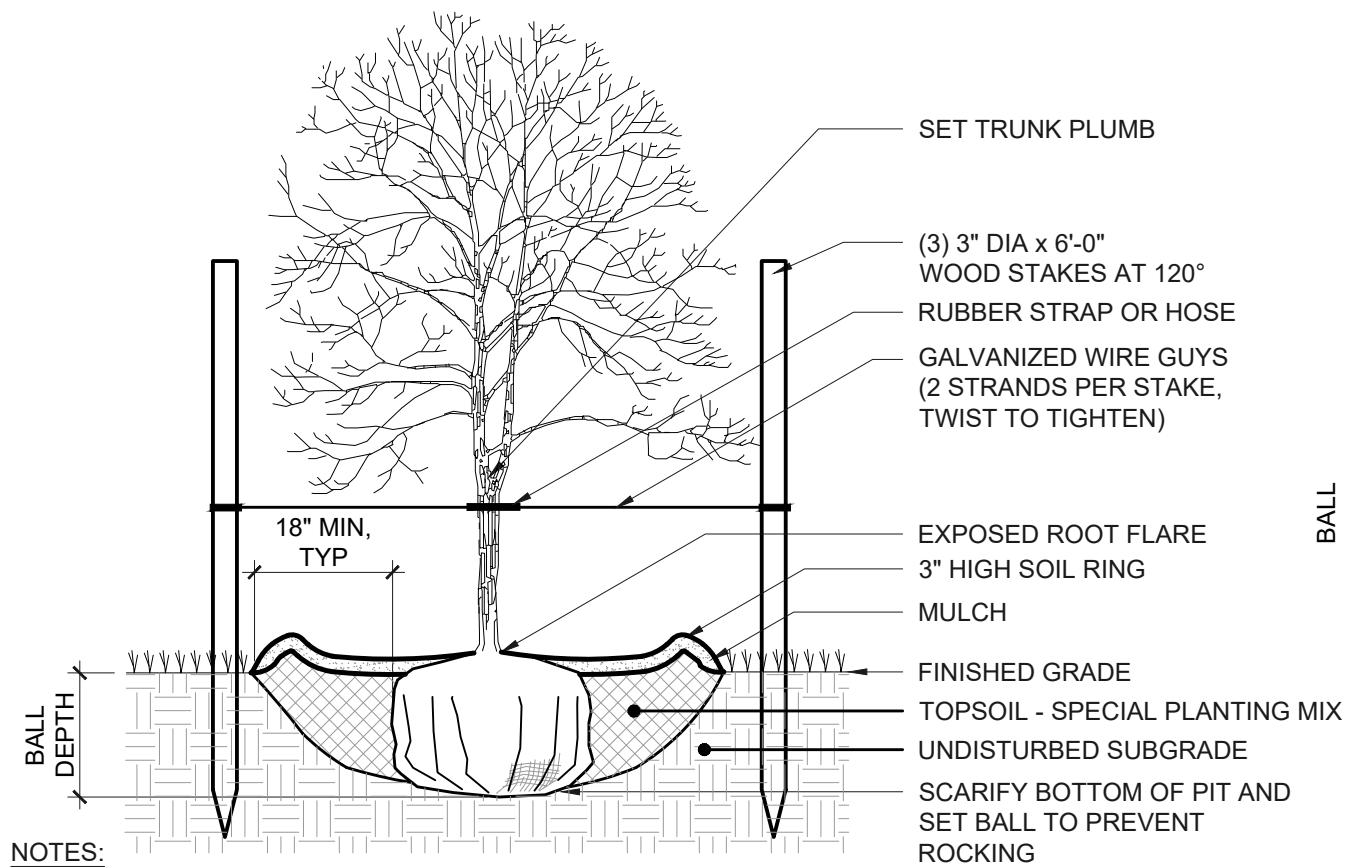
PROJECT NAME

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DRAWING TITLE

LANDSCAPE DETAILS

SCALE AS SHOWN	DATE JANUARY 2022
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 63 OF 94	DRAWING NO. LD - 03



NOTES:

1. REMOVE BURLAP, ROPE, OR WIRE BASKET FROM TOP 1/3 OF BALL MINIMUM, CUT REMAINING PORTIONS OF ROPE OR WIRE BASKET ONCE PLANT IS IN THE FINAL POSITION IN PIT.
2. TOP OF ROOT BALL SHALL BE SET FLUSH WITH SURROUNDING FINISHED GRADE.

1 PLANTING - DECIDUOUS TREE

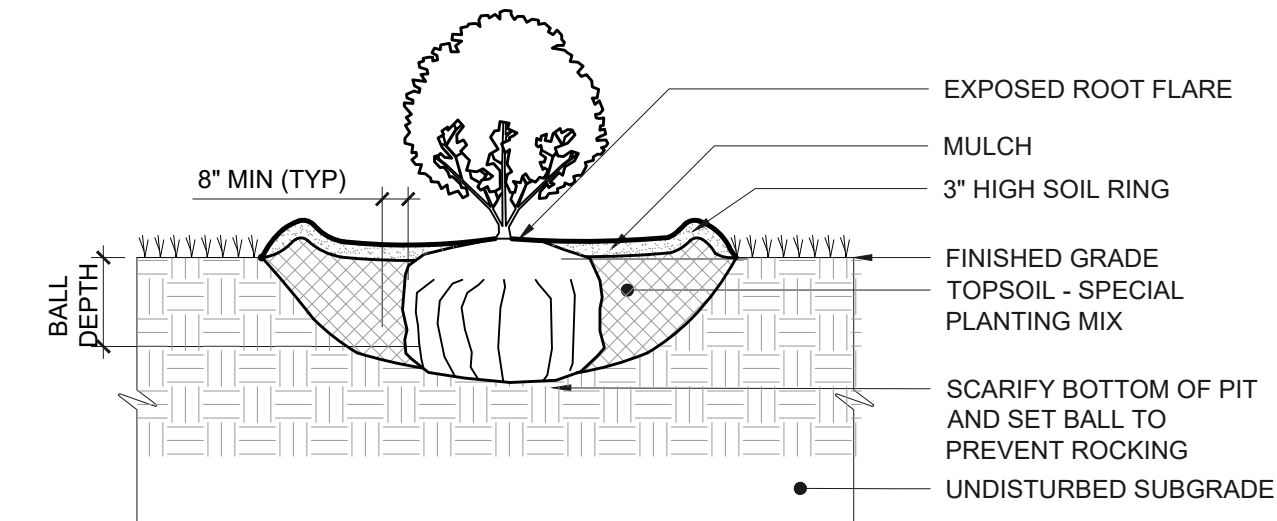
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ITEM NO. 611.0151 AND ITEM NO. 611.0201

3 PLANTING - HERBACEOUS PLANTS

Scale: NTS

ITEM NO. 611.0751



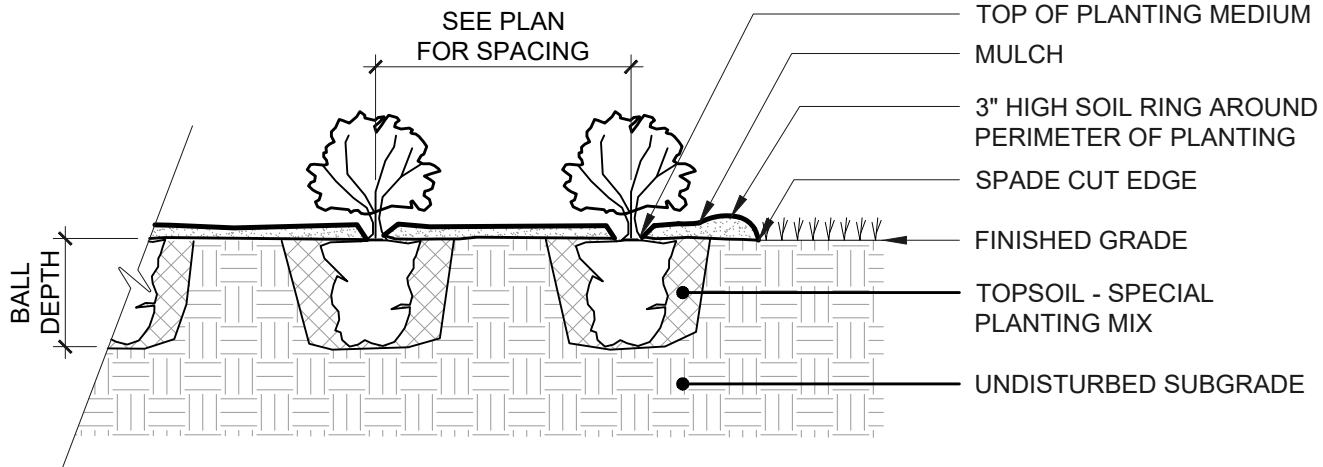
NOTES:

1. TOP OF ROOT BALL SHALL BE SET FLUSH WITH SURROUNDING FINISHED GRADE.
2. SET PLANTS PLUMB

2 PLANTING - SHRUB

Scale: NTS

ITEM NO. 611.0442



NOTES:

1. REMOVE GROWING CONTAINER
2. LOOSEN POT BOUND ROOTS
3. TOP OF PLANTING MEDIUM SHALL BE SET FLUSH WITH SURROUNDING FINISHED GRADE.
4. SET PLANTS PLUMB



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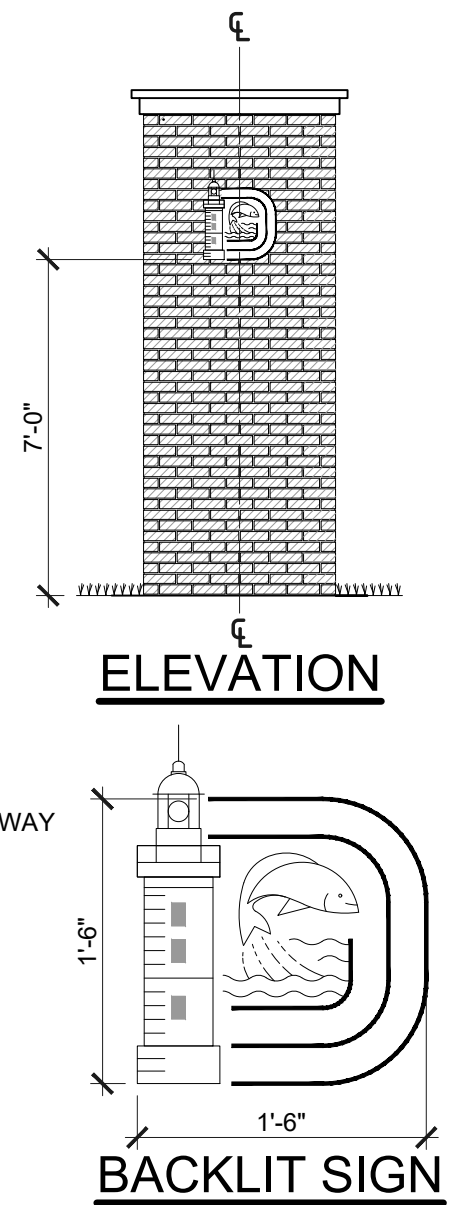
LAKE SHORE DRIVE

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LANDSCAPE DETAILS

SCALE AS SHOWN	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 64 of 94	DRAWING NO. LD - 04





Scale: NTS

ITEM NO. 690.01000205

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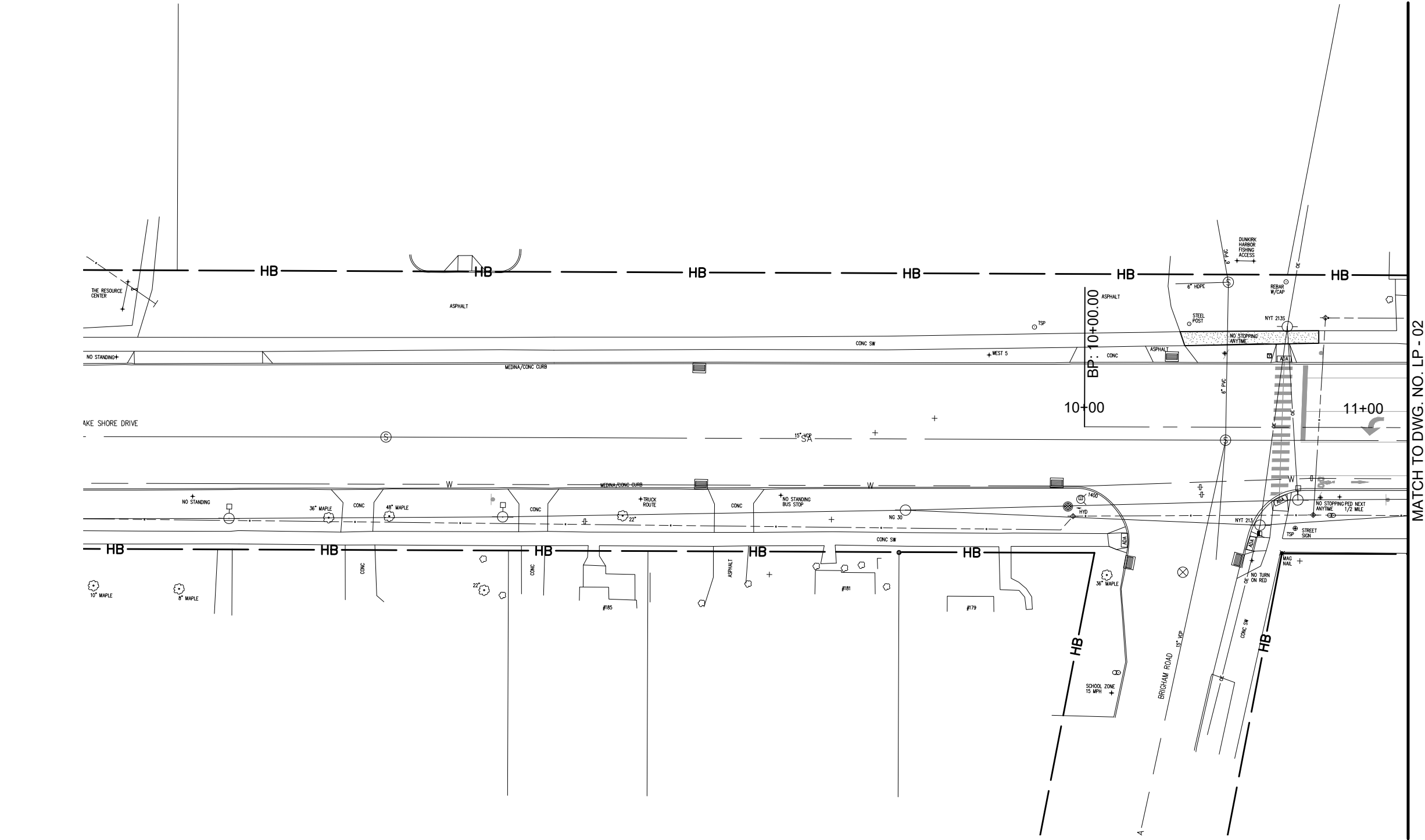
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## GATEWAY STRUCTURE

SCALE AS SHOWN	DATE JANUARY 2022
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 65 of 94	DRAWING NO. LD - 05

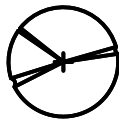
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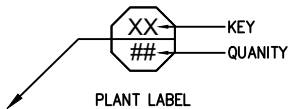


LEGEND:

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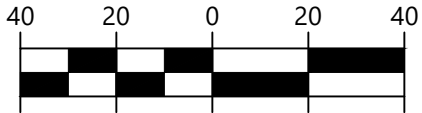
PROPOSED TREE (REFER TO DWG. LT-01-06 FOR LANDSCAPE TABLES AND SPECIFICATIONS)



PLANT LABEL

NOTES:

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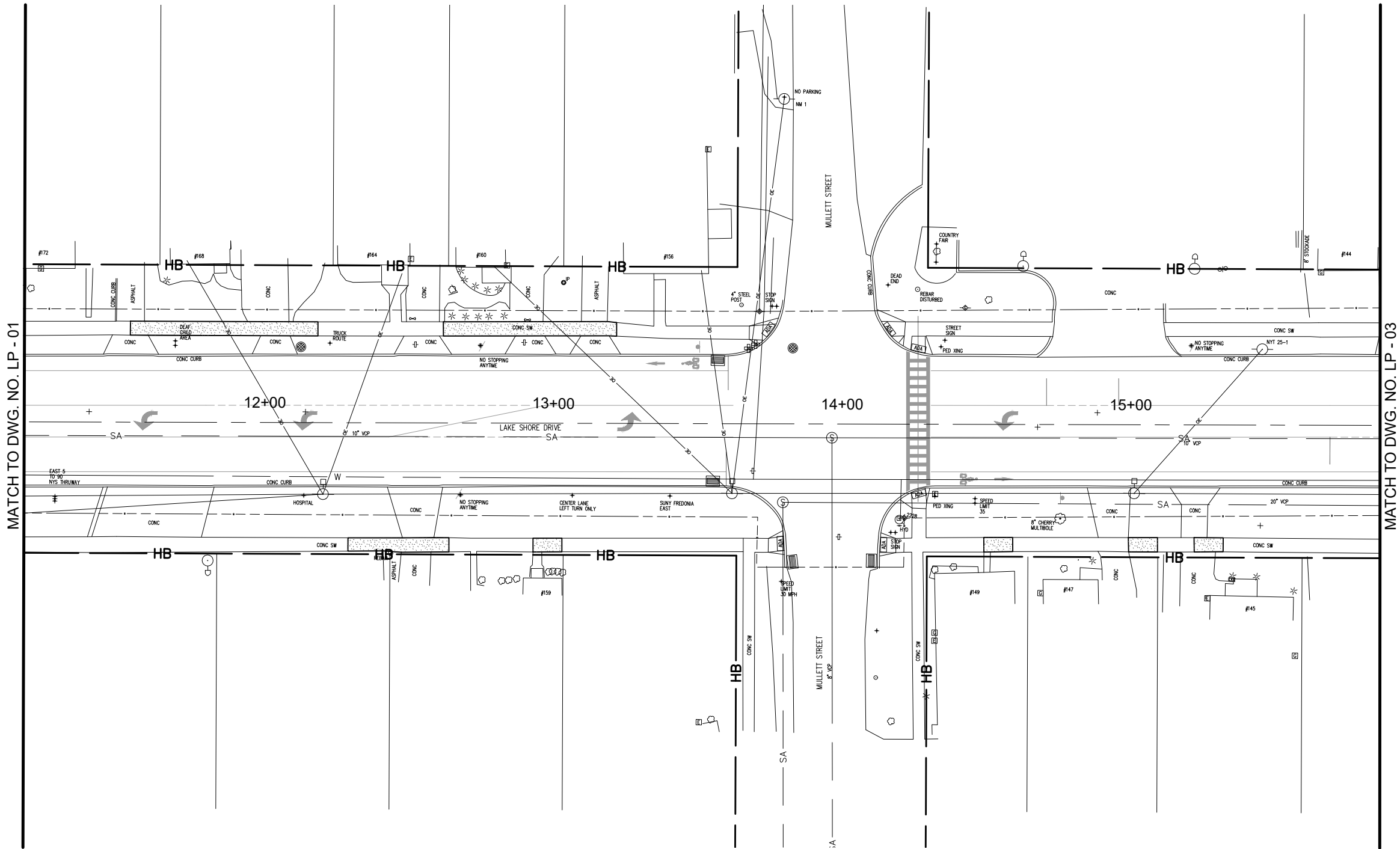
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SCALE 1" = 40'-0"	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 66 of 94	DRAWING NO. LP - 01



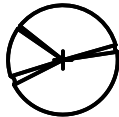
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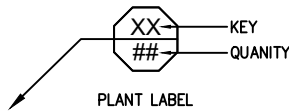


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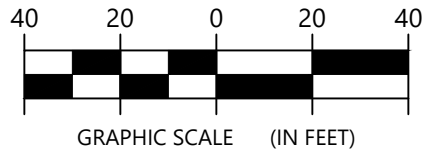


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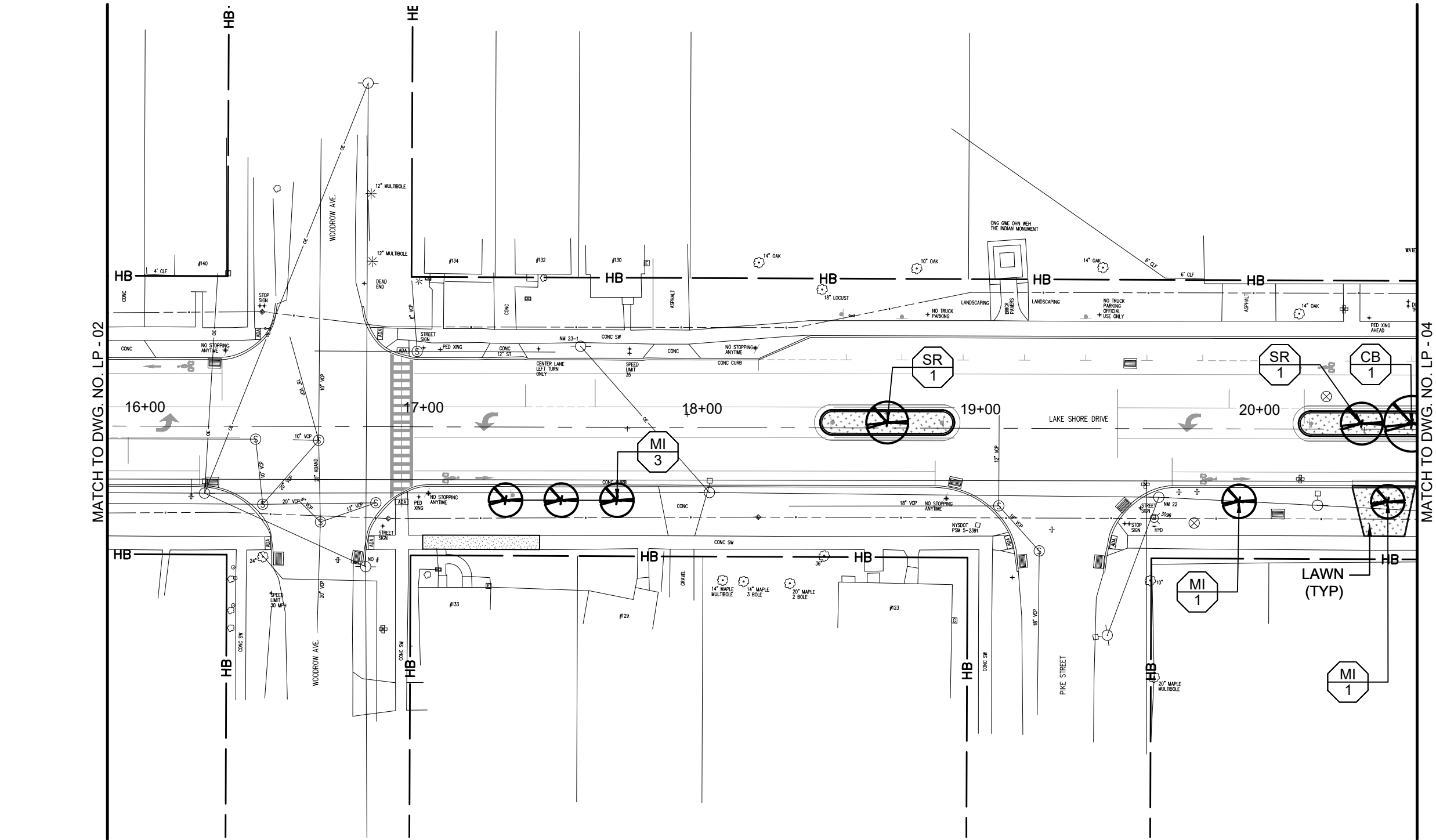
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LANDSCAPE PLAN

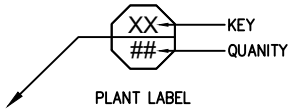
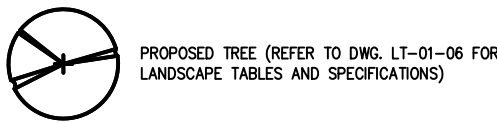
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SHEET NO. 67 of 94	DRAWING NO. LP - 02

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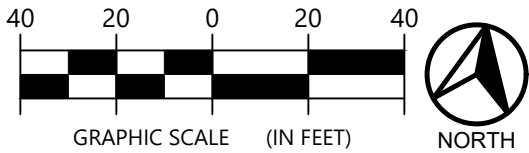
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- NOTES:**
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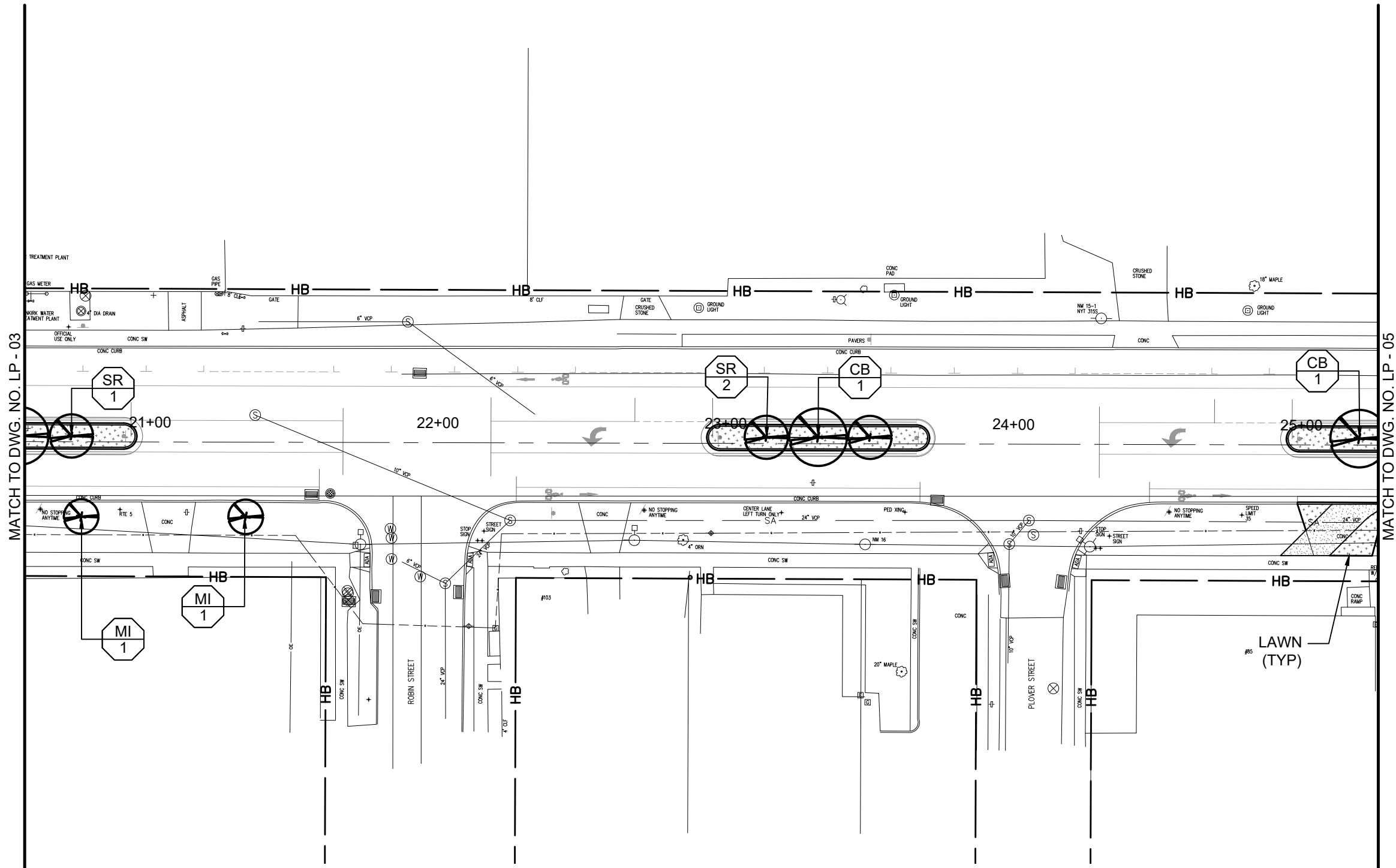
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LANDSCAPE PLAN

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SHEET NO. 68 of 94	DRAWING NO. LP - 03

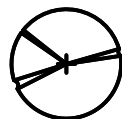
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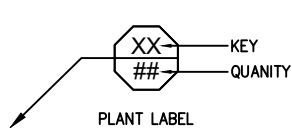


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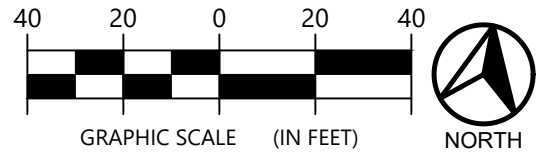


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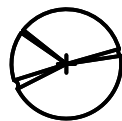
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SHEET NO. 69 of 94	DRAWING NO. LP - 04

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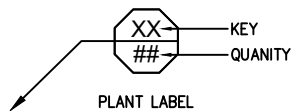
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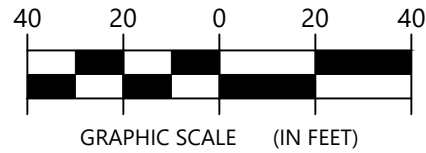
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PLANT LABEL

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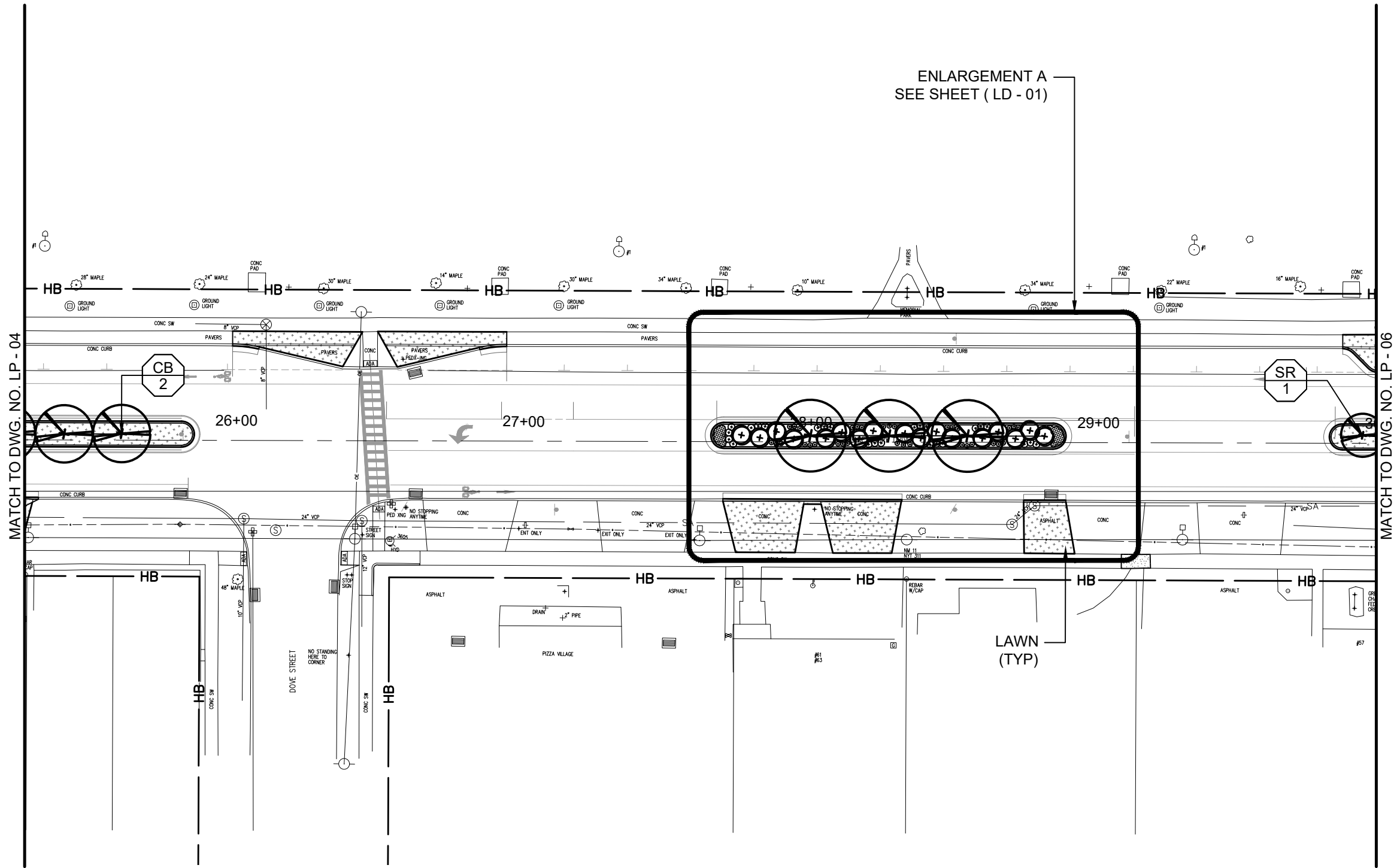
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TABLES OF TREE AND SHRUB PLANTINGS



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ENLARGEMENT A  
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PROJECT NAME

LAKE SHORE DRIVE

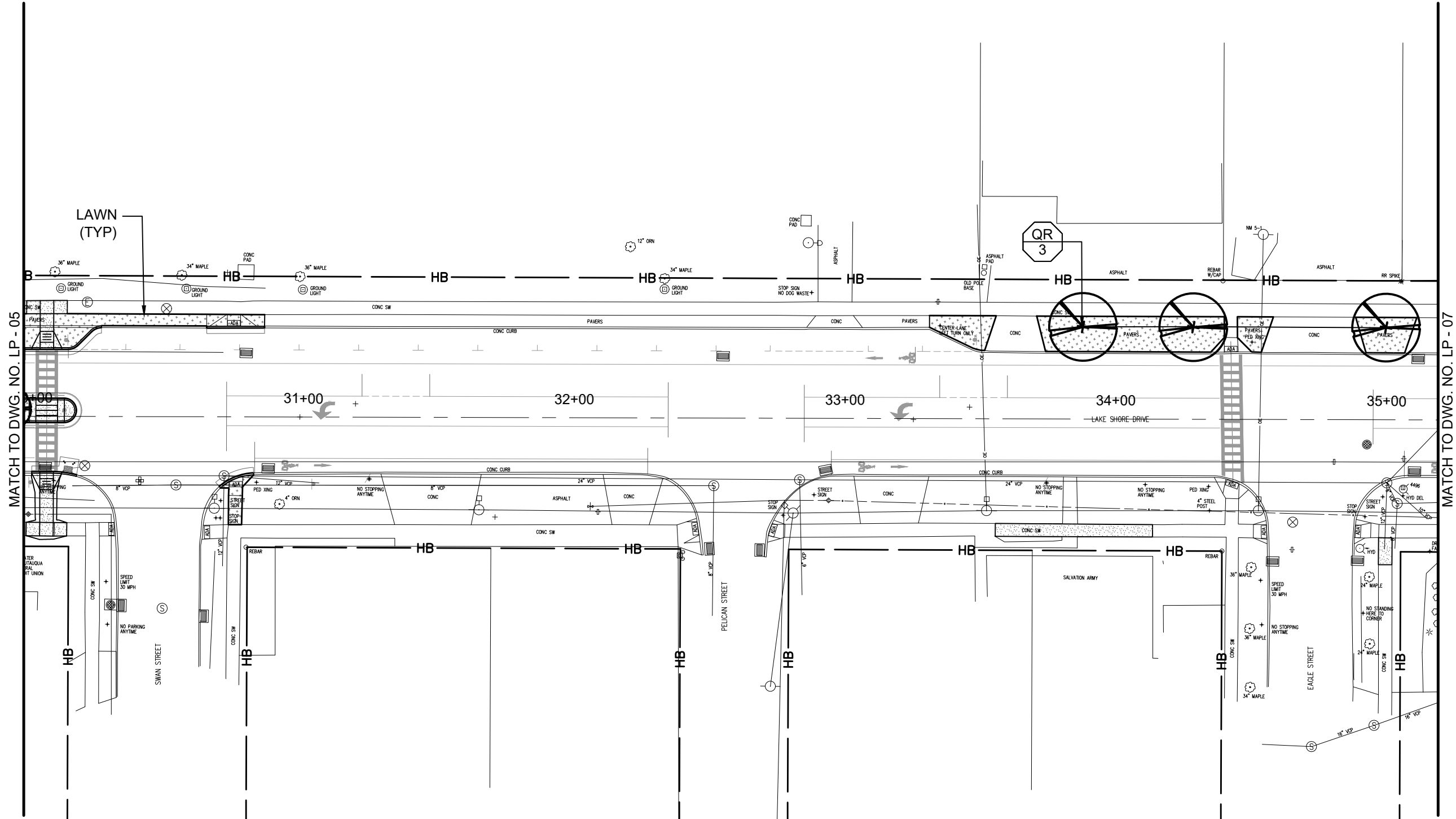
DRAWING TITLE

LANDSCAPE PLAN

SCALE 1" = 40'-0"	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 70 of 94	DRAWING NO. LP - 05

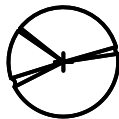
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DESIGN SUPERVISOR J. GAGLIANO JOB MANAGER D. PRIZZI CHECKED BY J. GAGLIANO ESTIMATED BY J. GAGLIANO DRAFTED BY K. GIFFORD CHECKED BY D. PRIZZI

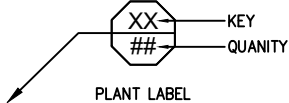


LEGEND:

- PROPOSED CONCRETE SIDEWALKS AND DRIVEWAYS, ITEM 608.0101 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)
- PROPOSED TURF ESTABLISHMENT, ITEM 610.1602 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)



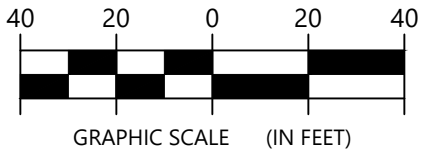
PROPOSED TREE (REFER TO DWG. LT-01-06 FOR LANDSCAPE TABLES AND SPECIFICATIONS)



PLANT LABEL

NOTES:

- REFER TO DWG LT-01-06 FOR LANDSCAPE TABLES OF TREE AND SHRUB PLANTINGS



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REVISIONS

NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

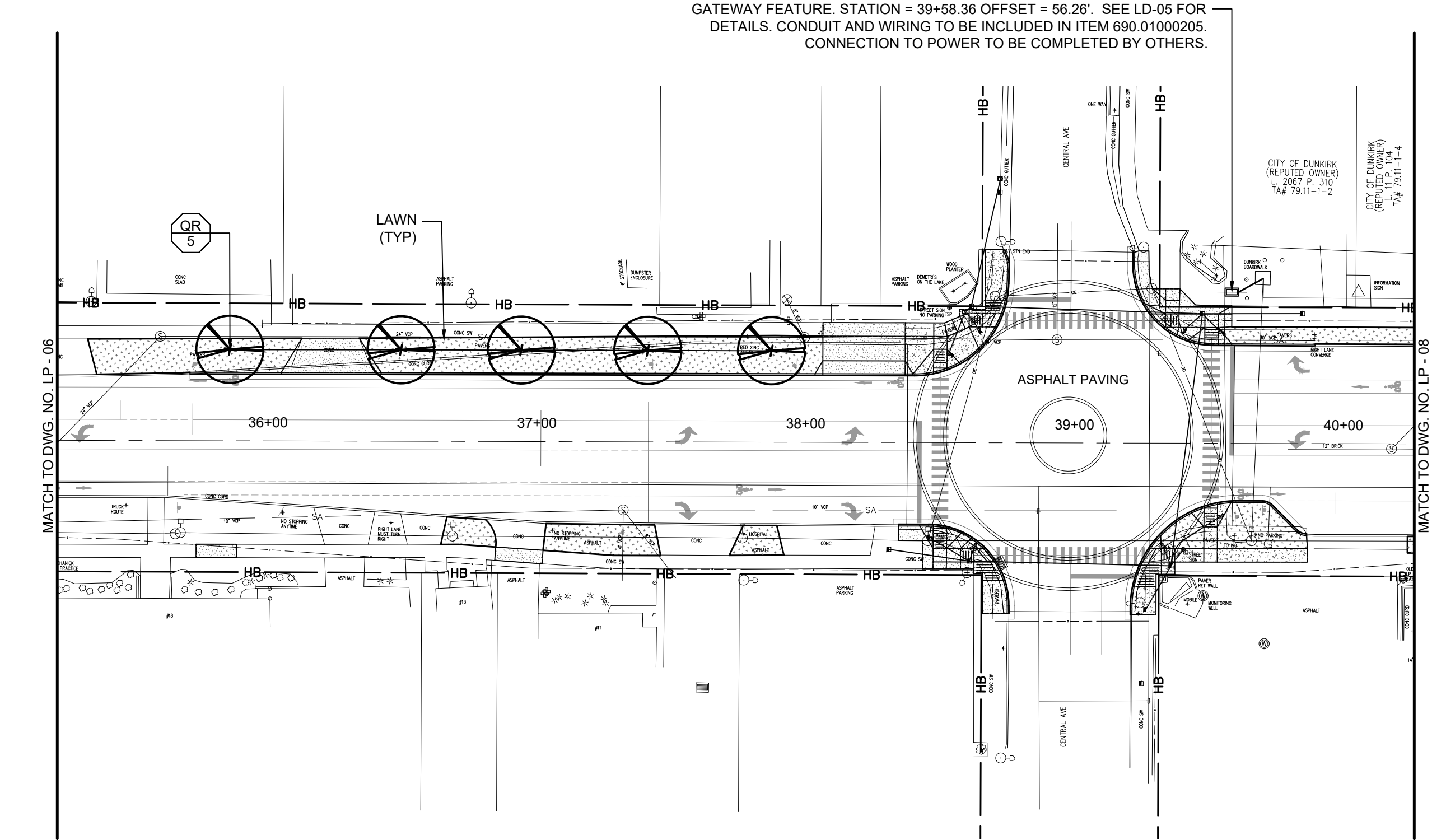
LANDSCAPE PLAN

SCALE 1" = 40'-0"	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 71 of 94	DRAWING NO. LP - 06

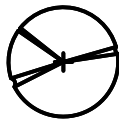


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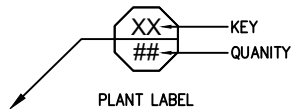
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- LEGEND:**
- PROPOSED CONCRETE SIDEWALKS AND DRIVEWAYS, ITEM 608.0101 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)
  - PROPOSED TURF ESTABLISHMENT, ITEM 610.1602 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)



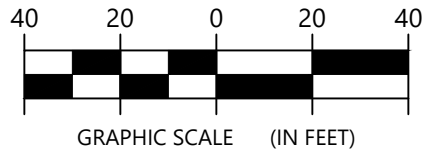
PROPOSED TREE (REFER TO DWG. LT-01-06 FOR LANDSCAPE TABLES AND SPECIFICATIONS)



PLANT LABEL

**NOTES:**

- REFER TO DWG LT-01-06 FOR LANDSCAPE TABLES OF TREE AND SHRUB PLANTINGS



GATEWAY FEATURE. STATION = 39+58.36 OFFSET = 56.26'. SEE LD-05 FOR DETAILS. CONDUIT AND WIRING TO BE INCLUDED IN ITEM 690.01000205. CONNECTION TO POWER TO BE COMPLETED BY OTHERS.

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12/6/2021  
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REVISIONS			
NO.	DESCRIPTION	BY	DATE

**CLIENT**



CITY OF DUNKIRK

**PROJECT NAME**

LAKE SHORE DRIVE

**DRAWING TITLE**

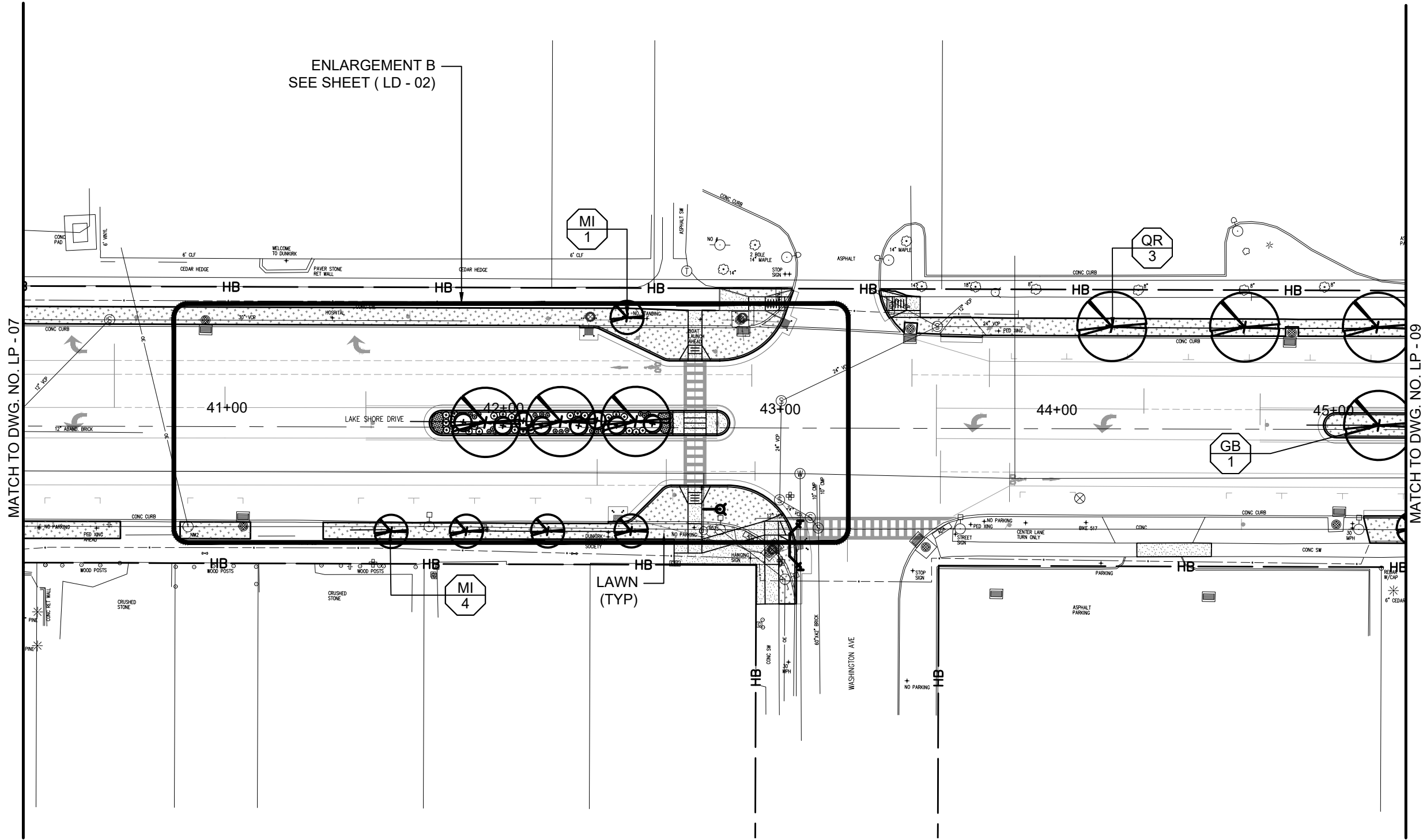
LANDSCAPE PLAN

SCALE 1" = 40'-0"	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 72 of 94	DRAWING NO. LP - 07



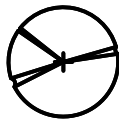
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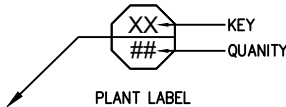


ENLARGEMENT B  
SEE SHEET ( LD - 02)

- LEGEND:**
- PROPOSED CONCRETE SIDEWALKS AND DRIVEWAYS, ITEM 608.0101  
(REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)
  - PROPOSED TURF ESTABLISHMENT, ITEM 610.1602  
(REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)



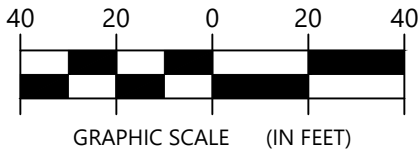
PROPOSED TREE (REFER TO DWG. LT-01-06 FOR  
LANDSCAPE TABLES AND SPECIFICATIONS)



PLANT LABEL

**NOTES:**

- REFER TO DWG LT-01-06 FOR LANDSCAPE  
TABLES OF TREE AND SHRUB PLANTINGS



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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

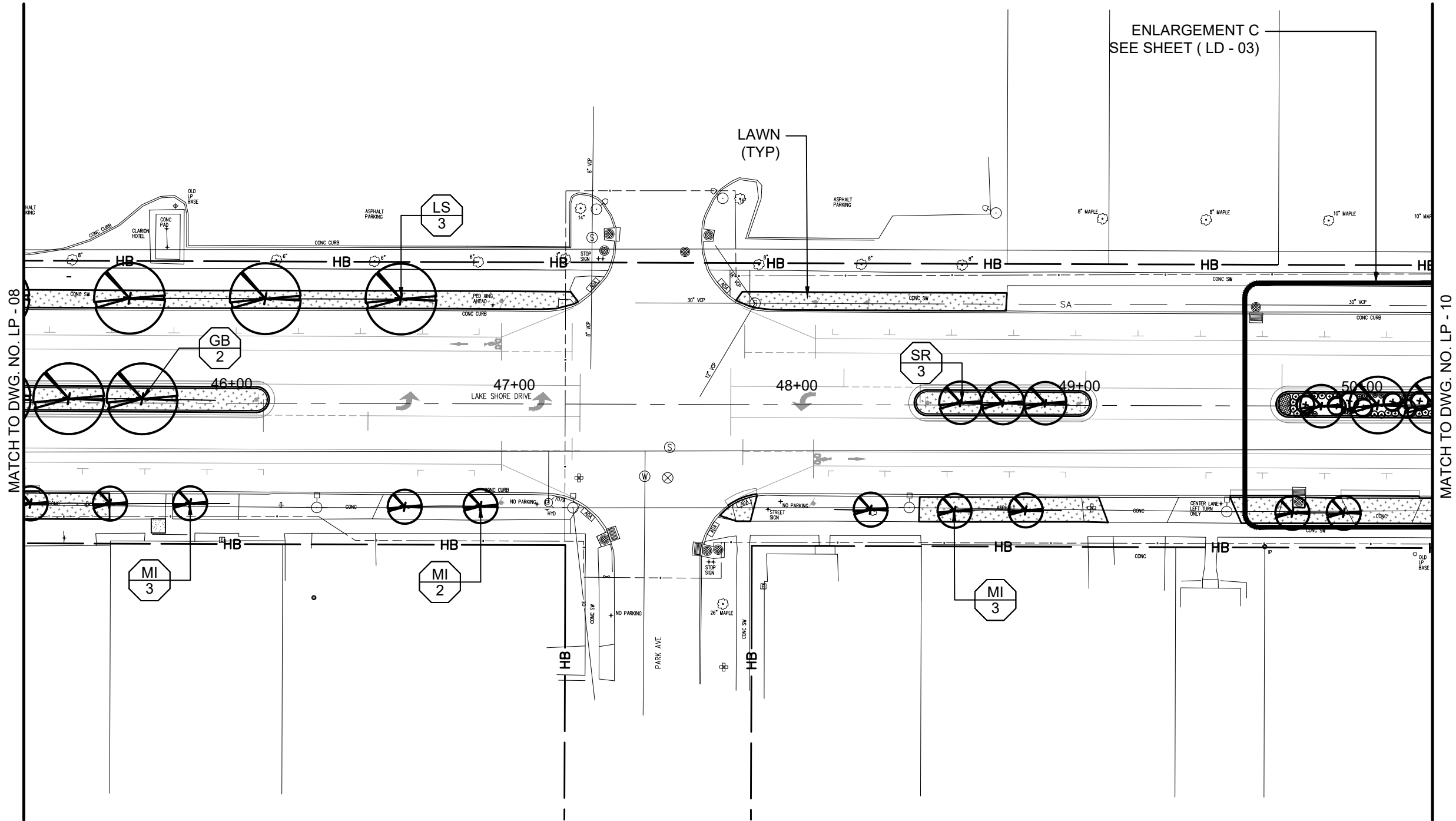
DRAWING TITLE

LANDSCAPE PLAN

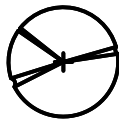
SCALE 1" = 40'-0"	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 73 of 94	DRAWING NO. LP - 08

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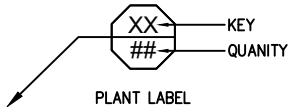
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- LEGEND:**
- PROPOSED CONCRETE SIDEWALKS AND DRIVEWAYS, ITEM 608.0101 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)
  - PROPOSED TURF ESTABLISHMENT, ITEM 610.1602 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)



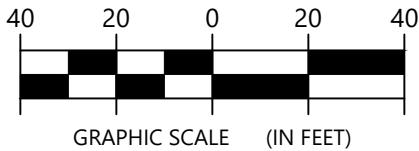
PROPOSED TREE (REFER TO DWG. LT-01-06 FOR LANDSCAPE TABLES AND SPECIFICATIONS)



PLANT LABEL

**NOTES:**

- REFER TO DWG LT-01-06 FOR LANDSCAPE TABLES OF TREE AND SHRUB PLANTINGS



ENLARGEMENT C  
SEE SHEET ( LD - 03)

MATCH TO DWG. NO. LP - 10

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CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

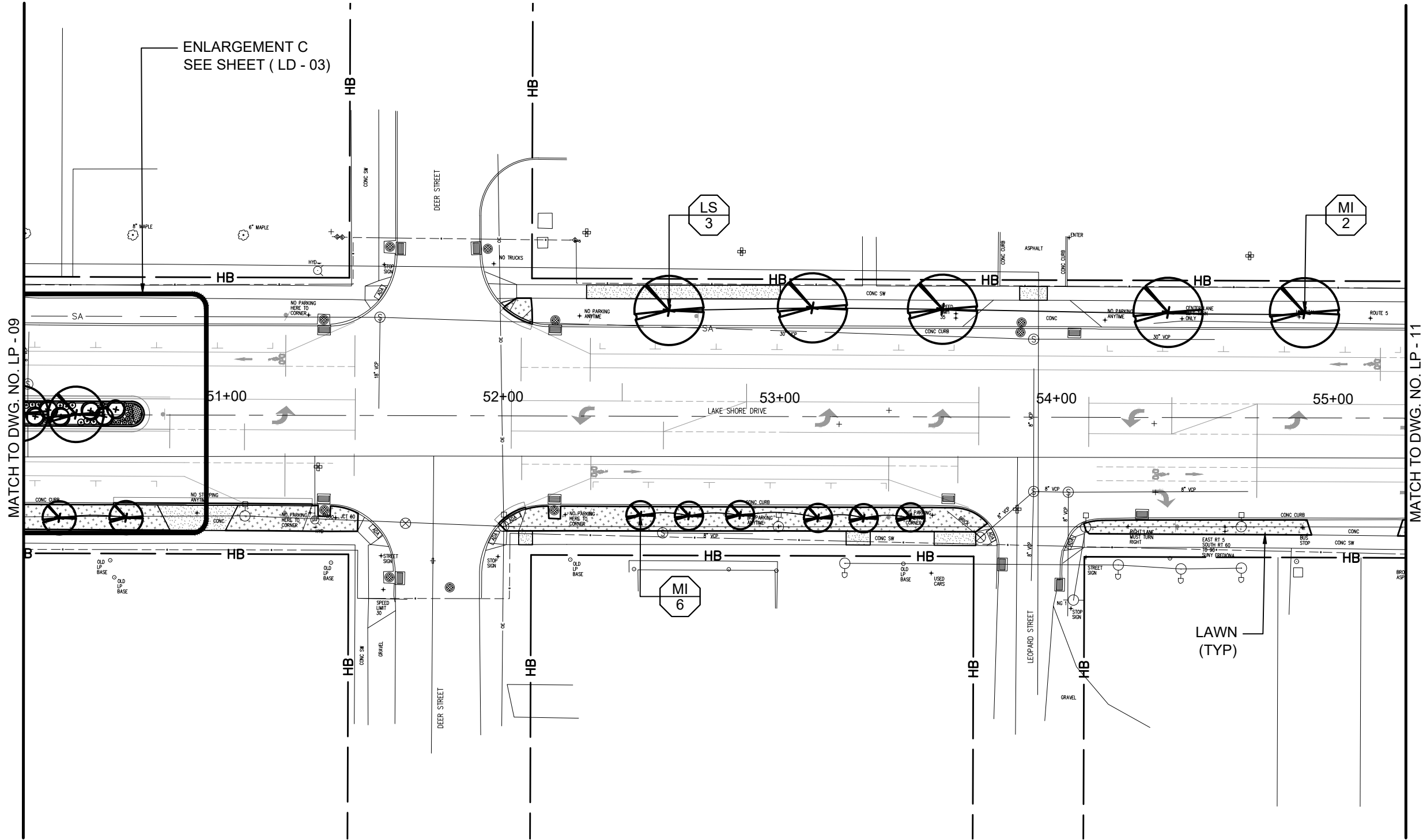
DRAWING TITLE

LANDSCAPE PLAN

SCALE 1" = 40'-0"	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 74 of 94	DRAWING NO. LP - 09

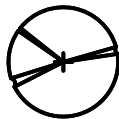
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DESIGN SUPERVISOR J. GAGLIANO JOB MANAGER D. PRIZZI DESIGNED BY D. PRIZZI CHECKED BY J. GAGLIANO ESTIMATED BY J. GAGLIANO DRAFTED BY K. GIFFORD CHECKED BY D. PRIZZI



LEGEND:

- PROPOSED CONCRETE SIDEWALKS AND DRIVEWAYS, ITEM 608.0101 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)
- PROPOSED TURF ESTABLISHMENT, ITEM 610.1602 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)



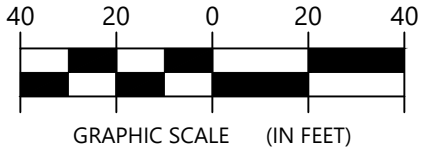
PROPOSED TREE (REFER TO DWG. LT-01-06 FOR LANDSCAPE TABLES AND SPECIFICATIONS)



PLANT LABEL

NOTES:

- REFER TO DWG LT-01-06 FOR LANDSCAPE TABLES OF TREE AND SHRUB PLANTINGS



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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

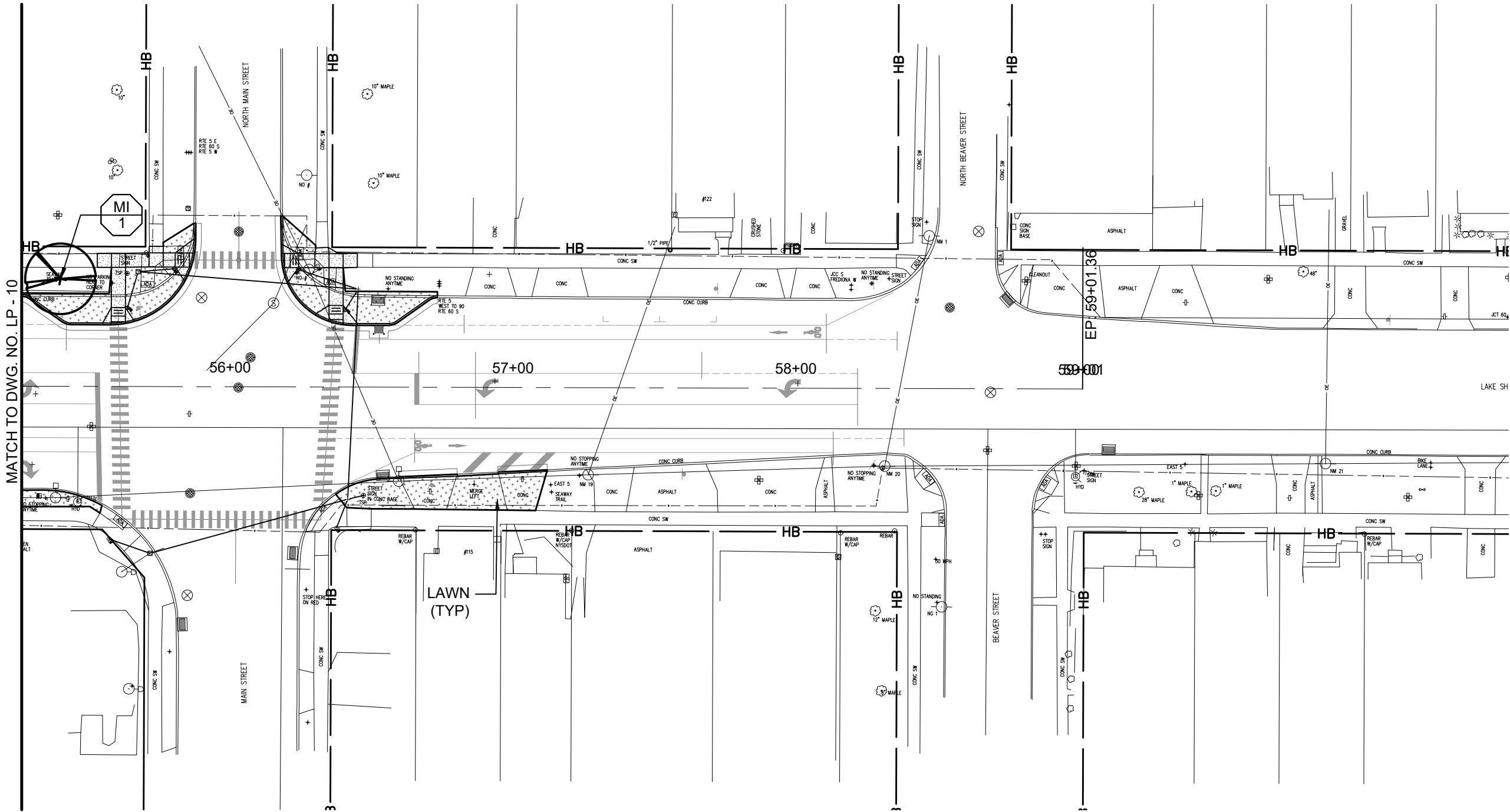
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LANDSCAPE PLAN

SCALE 1" = 40'-0"	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 75 of 94	DRAWING NO. LP - 10

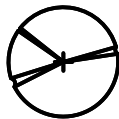
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DESIGN SUPERVISOR J. GAGLIANO JOB MANAGER D. PRIZZI DESIGNED BY D. PRIZZI CHECKED BY J. GAGLIANO ESTIMATED BY J. GAGLIANO DRAFTED BY K. GIFFORD CHECKED BY D. PRIZZI

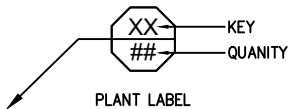


LEGEND:

- PROPOSED CONCRETE SIDEWALKS AND DRIVEWAYS, ITEM 608.0101 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)
- PROPOSED TURF ESTABLISHMENT, ITEM 610.1602 (REFER TO TYPICAL SECTION SHEETS TS-01-TS-03)

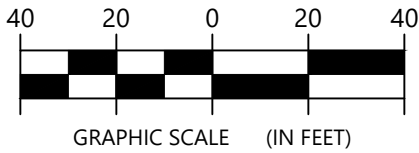


PROPOSED TREE (REFER TO DWG. LT-01-06 FOR LANDSCAPE TABLES AND SPECIFICATIONS)



NOTES:

- REFER TO DWG LT-01-06 FOR LANDSCAPE TABLES OF TREE AND SHRUB PLANTINGS



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12/6/2021  
DATE

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NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

LANDSCAPE PLAN

SCALE 1" = 40'-0"	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 76 of 94	DRAWING NO. LP - 11





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DESIGN SUPERVISOR J. GAGLIANO  
JOB MANAGER D. PRIZZI  
DESIGNED BY D. PRIZZI  
CHECKED BY J. GAGLIANO  
ESTIMATED BY  
DRAFTED BY K. GIFFORD  
CHECKED BY D. PRIZZI

TREE PLANTING TABLE (2 OF3)													
ITEM NO.	DESCRIPTION												
611.0151	PLANTING - MAJOR DECIDUOUS TREES - 2 INCH CALIPER BALL& BURLAP, FIELD POTTED OR FIELD BOXED												
611.0201	PLANTING - MINOR DECIDUOUS TREES - 2 INCH CALIPER BALL& BURLAP, FIELD POTTED OR FIELD BOXED												
611.19010024	POST PLANTING CARE WITH REPLACEMENT - MAJOR DECIDUOUS TREES												
611.19020024	POST PLANTING CARE WITH REPLACEMENT - MINOR DECIDUOUS TREES												
610.19	WATERING VEGETATION (PER APPLICATION)												
611.17	PORTABLE DRIP IRRIGATION SYSTEM												
STATION	SIDE	OFFSET	ID No.	KEY	611.0151 (EA)	611.0201 (EA)	611.19010024 (EA)	611.19020024 (EA)	610.19 (MGAL)	611.17 (EA)	BOTANICAL NAME	COMMON NAME	ROOT
41+93.47	TREE OMITTED												
42+16.11	RT	37.75'	33	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
42+20.75	LT	-2.10'	34	GB	1		1		0.015	1	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	BALL AND BURLAP
42+44.54	LT	-39.75'	35	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
42+46.53	RT	37.75'	36	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
42+47.86	LT	-2.24'	37	GB	1		1		0.015	1	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	BALL AND BURLAP
44+19.83	LT	-37.00'	38	QR	1		1		0.015	1	QUERCUS RUBRA	RED OAK	BALL AND BURLAP
44+67.83	LT	-36.99'	39	QR	1		1		0.015	1	QUERCUS RUBRA	RED OAK	BALL AND BURLAP
45+15.83	LT	-36.99'	41	QR	1		1		0.015	1	QUERCUS RUBRA	RED OAK	BALL AND BURLAP
45+16.38	LT	-1.49'	42	GB	1		1		0.015	1	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	BALL AND BURLAP
45+29.01	RT	35.65'	43	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
45+42.38	LT	-1.49'	44	GB	1		1		0.015	1	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	BALL AND BURLAP
45+57.06	RT	35.65'	45	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
45+63.82	LT	-37.00'	46	LS	1		1		0.015	1	LIQUIDAMBAR STYRACIFLUA	SWEET GUM	BALL AND BURLAP
45+68.38	LT	-1.47'	47	GB	1		1		0.015	1	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	BALL AND BURLAP
45+85.09	RT	35.88'	48	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
46+11.83	LT	-37.00'	49	LS	1		1		0.015	1	LIQUIDAMBAR STYRACIFLUA	SWEET GUM	BALL AND BURLAP
46+59.83	LT	-36.97'	50	LS	1		1		0.015	1	LIQUIDAMBAR STYRACIFLUA	SWEET GUM	BALL AND BURLAP
46+61.35	RT	36.46'	51	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
46+88.18	RT	36.18'	52	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
48+26.19	RT	37.09'	53	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
48+55.94	RT	37.40'	54	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
48+57.92	LT	-0.80'	55	SR		1		1	0.015	1	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK TREE LILAC	BALL AND BURLAP
48+72.92	LT	-0.74'	56	SR		1		1	0.015	1	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK TREE LILAC	BALL AND BURLAP
48+81.08	RT	37.20'	57	MI		1		1	0.015	1	MALUS 'JFS KW214MX'	IVORY SPEAR CRABAPPLE	BALL AND BURLAP
48+87.92	LT	-0.70'	58	SR		1		1	0.015	1	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK TREE LILAC	BALL AND BURLAP
SUBTOTAL					11	14	11	14	0.38	25			

NOTES:  
1. SEE DRAWING LD-04 FOR WATERING VEGETATION REQUIREMENTS

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217 Montgomery Street, Suite 1100  
Syracuse, New York 13202  
P. 315.471.0688

REGISTERED LANDSCAPE ARCHITECT  
J. GAGLIANO  
001472  
STATE OF NEW YORK

PS & E PLANS  
12/6/2021

DATE

DATE

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REVISIONS

NO.	DESCRIPTION	BY	DATE

CLIENT

CITY OF DUNKIRK

CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

LANDSCAPE TABLES

SCALE AS SHOWN	DATE JANUARY 2022
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 78 of 94	DRAWING NO. LT - 02





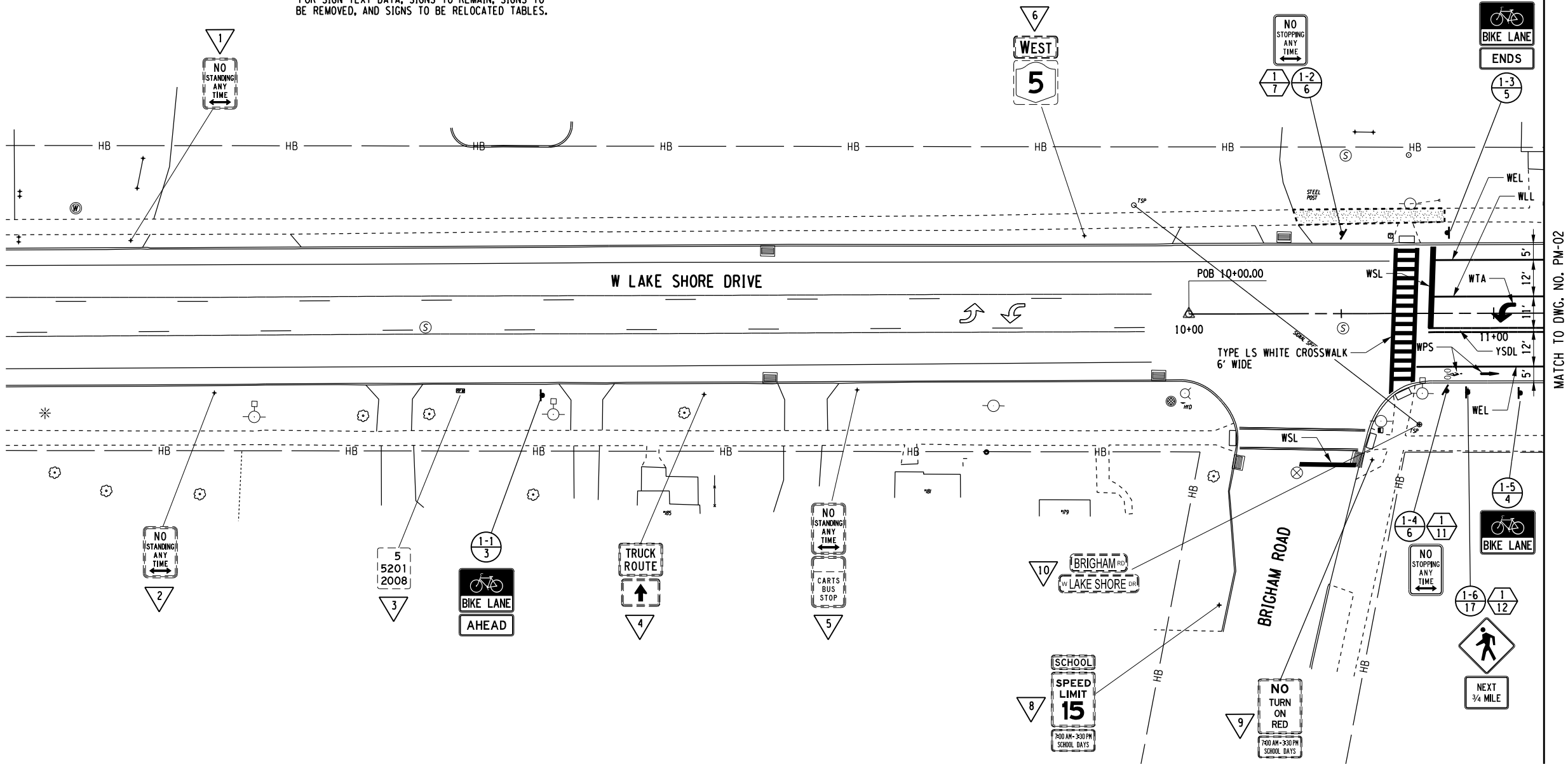


SIGN LEGEND	
SYMBOL	DESCRIPTION
	NEW SIGN: X - SHEET NO. Y - SIGN NO. TEXT - TEXT NO.
	SIGN REMOVAL
	RELOCATE TO POSITION SHOWN
	TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

NOTE: REFER TO DWG. PM-12 THRU PM-14 FOR SIGN TEXT DATA, SIGNS TO REMAIN, SIGNS TO BE REMOVED, AND SIGNS TO BE RELOCATED TABLES.

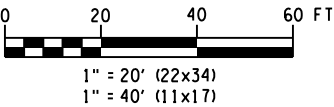
PAVEMENT MARKING PAY ITEMS	
DESCRIPTION	ITEM NUMBER
WDEL = 4" WHITE DOTTED EDGE LINE	685.11 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS
WDL = 4" WHITE DOTTED LANE LINE	685.11 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS
WEL = 4" WHITE EDGE LINE	685.11 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS
WLL = 4" WHITE LANE LINE	685.11 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS
WSL = 18" WHITE STOP LINE	685.11120009 - EPOXY REFLECTORIZED PAVEMENT STRIPES 20 MILS - HAND WORK
WCH-C = 24" WHITE HATCH LINE	685.11120009 - EPOXY REFLECTORIZED PAVEMENT STRIPES 20 MILS - HAND WORK
WPS = WHITE PAVEMENT SYMBOLS	685.14 - WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 20 MILS
WTA = WHITE LEFT OR RIGHT TURN ARROW	685.14 - WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 20 MILS
TYPE L OR LS WHITE CROSSWALK	685.11120009 - EPOXY REFLECTORIZED PAVEMENT STRIPES 20 MILS - HAND WORK
YEL = 4" YELLOW EDGE LINE	685.12 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS
YSBL = 4" YELLOW SOLID LINE & BROKEN LINE	685.12 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS
YSDL = 4" YELLOW SOLID DOUBLE LINE	685.12 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS

NOTE: REFER TO NYSDOT STANDARD SHEET 685-01 FOR ADDITIONAL DETAILS



NOTES:

1. PRIOR TO INSTALLATION OF NEW STRIPING, EXISTING WHITE EDGE/LANE SOLID LINES, LEFT/RIGHT ARROWS, STOP BARS, CROSSWALKS, BICYCLE SYMBOLS AND EXISTING YELLOW EDGE/BROKEN/DOUBLE SOLID LINES SHALL BE REMOVED UNDER ITEM 635.0103.



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1/6/2022

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT

CITY OF DUNKIRK

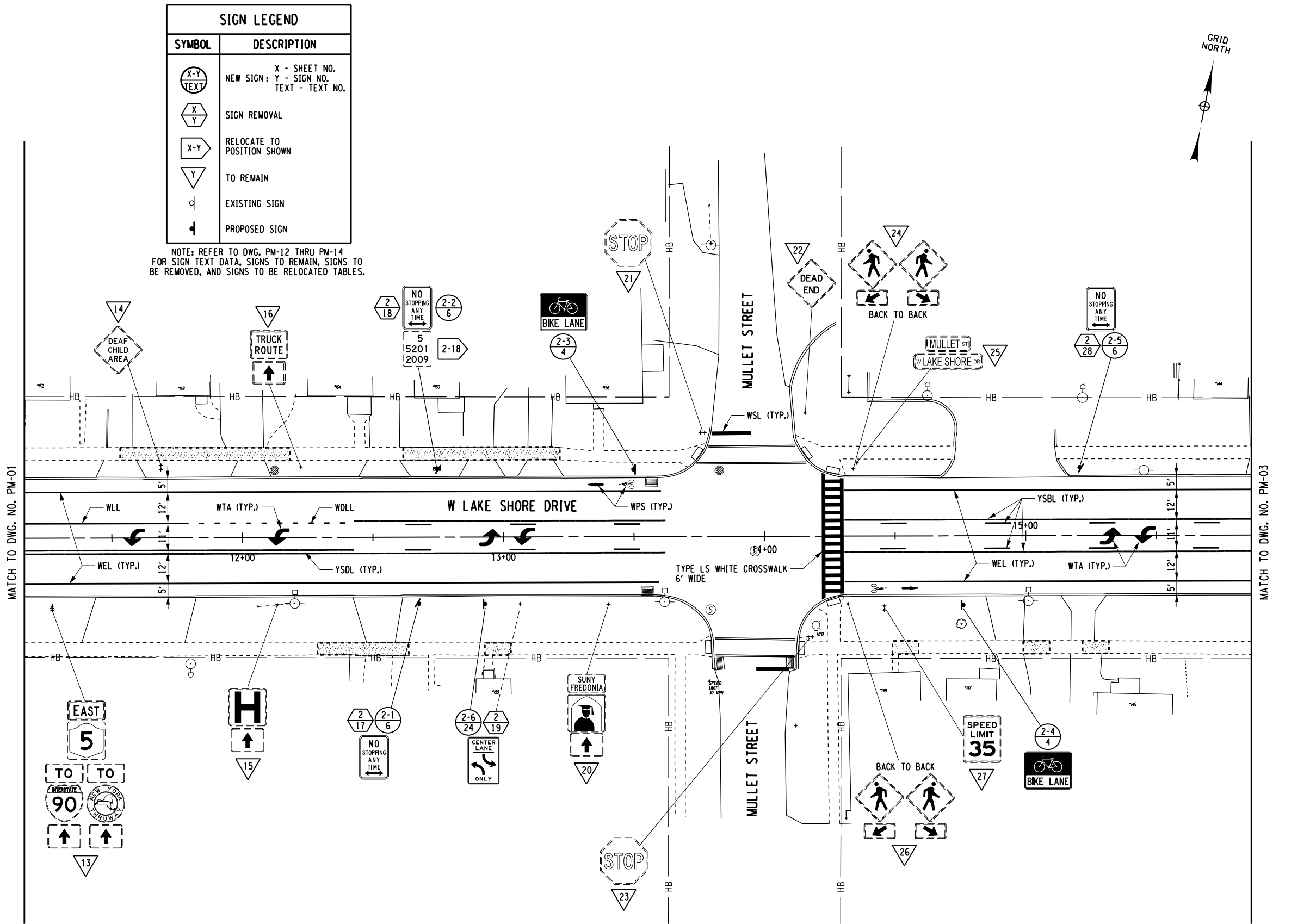
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

PAVEMENT MARKING  
AND SIGNING

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 81 OF 94	DRAWING NO. PM-01



- NOTES:**
- SEE DWG. NO. PM-01 FOR PAVEMENT MARKING ITEM NUMBERS AND DESCRIPTIONS.
  - PRIOR TO INSTALLATION OF NEW STRIPING, EXISTING WHITE EDGE/LANE SOLID LINES, LEFT/RIGHT ARROWS, STOP BARS, CROSSWALKS, BICYCLE SYMBOLS AND EXISTING YELLOW EDGE/BROKEN/DOUBLE SOLID LINES SHALL BE REMOVED UNDER ITEM 635.0103.

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CITY OF DUNKIRK

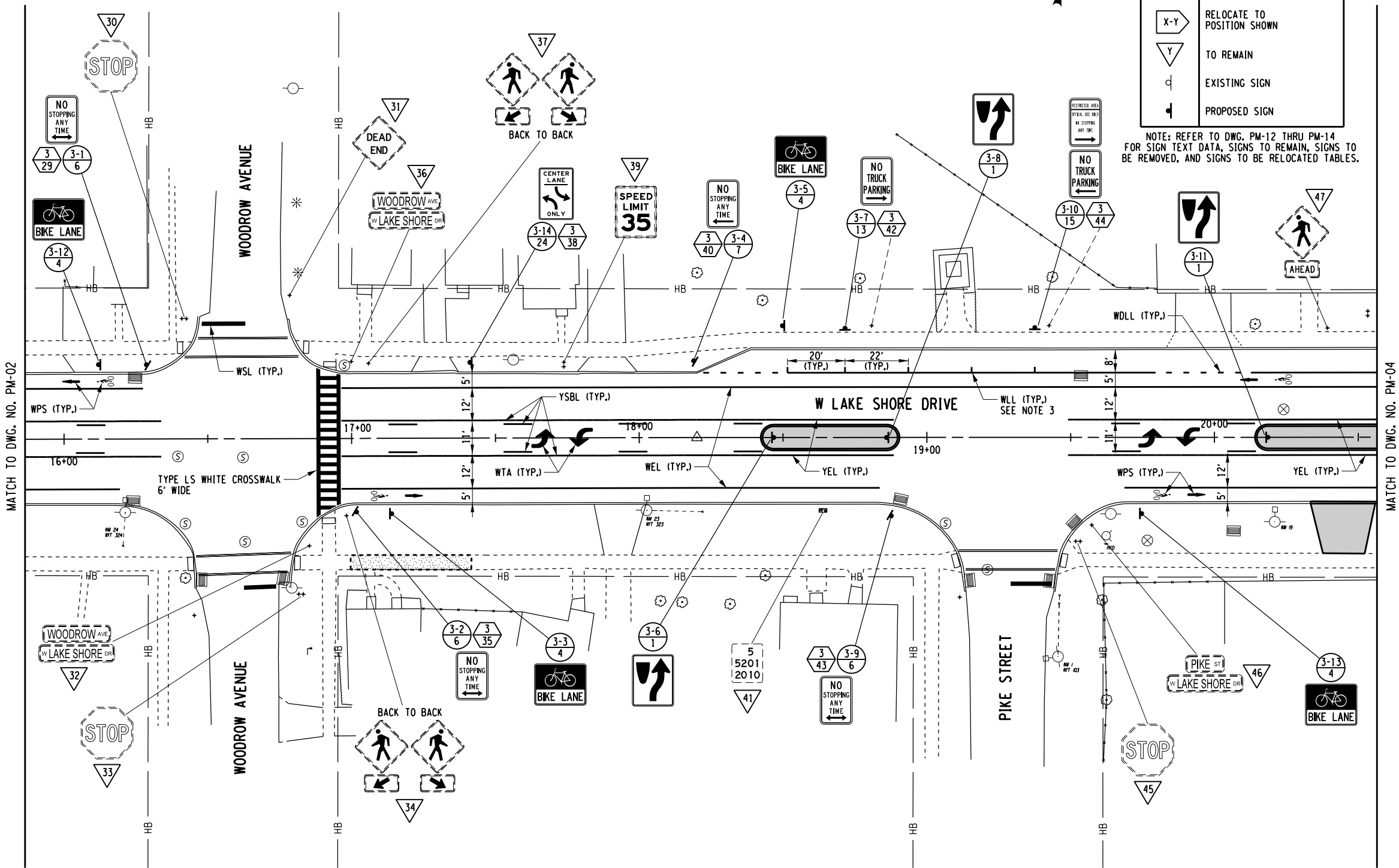
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

PAVEMENT MARKING  
AND SIGNING

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 82 OF 94	DRAWING NO. PM-02



SIGN LEGEND	
SYMBOL	DESCRIPTION
	X - SHEET NO. NEW SIGN: Y - SIGN NO. TEXT - TEXT NO.
	SIGN REMOVAL
	RELOCATE TO POSITION SHOWN
	TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

NOTE: REFER TO DWG. PM-12 THRU PM-14 FOR SIGN TEXT DATA, SIGNS TO REMAIN, SIGNS TO BE REMOVED, AND SIGNS TO BE RELOCATED TABLES.

- NOTES:
- SEE DWG. NO. PM-01 FOR PAVEMENT MARKING ITEM NUMBERS AND DESCRIPTIONS.
  - PRIOR TO INSTALLATION OF NEW STRIPING, EXISTING WHITE EDGE/LANE SOLID LINES, LEFT/RIGHT ARROWS, STOP BARS, CROSSWALKS, BICYCLE SYMBOLS AND EXISTING YELLOW EDGE/BROKEN/DOUBLE SOLID LINES SHALL BE REMOVED UNDER ITEM 635.0103.
  - SEE DWG. NO. PM-05 FOR PARKING SPOT DELINEATOR DETAIL.



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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

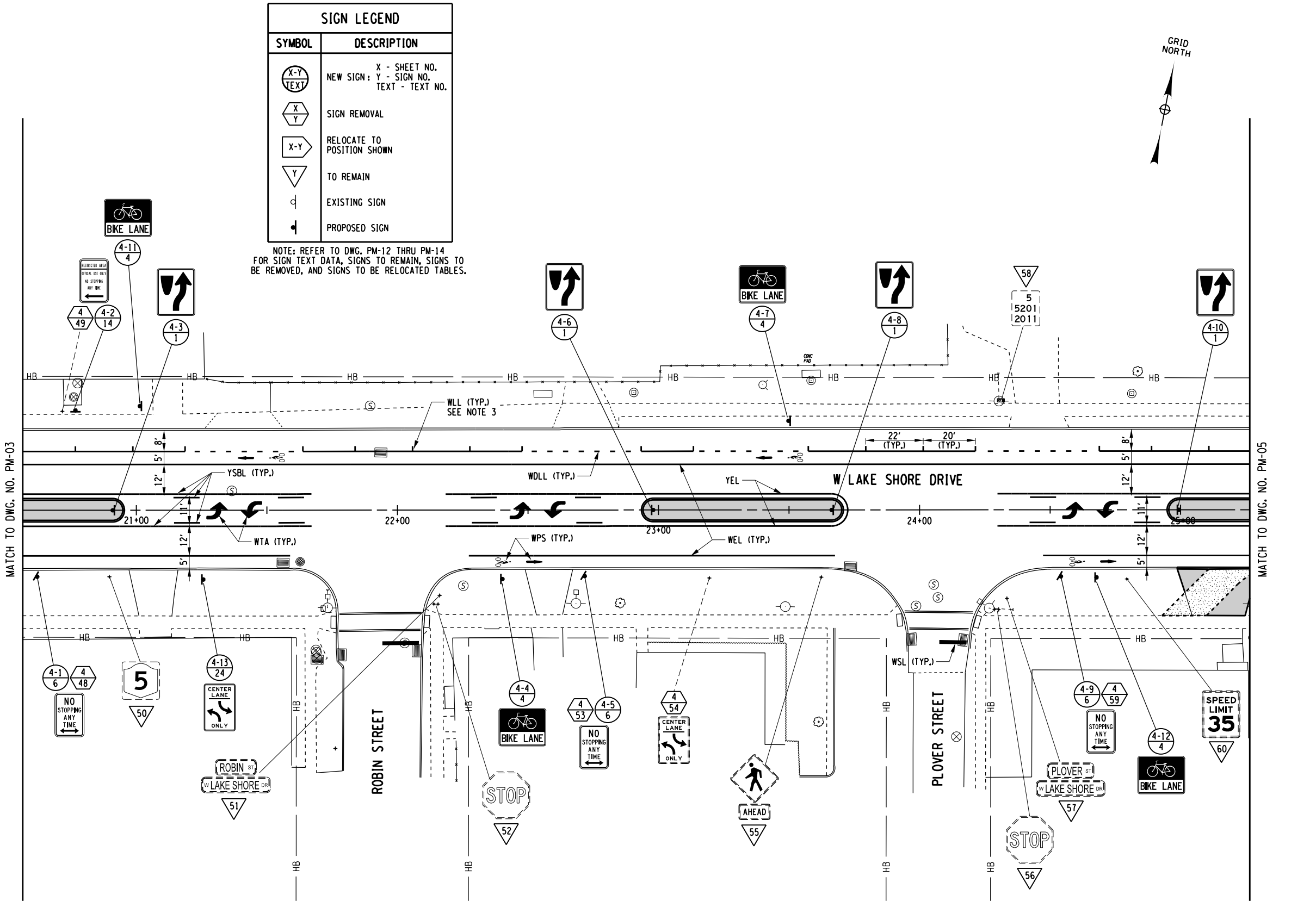
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

PAVEMENT MARKING  
AND SIGNING

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 83 OF 94	DRAWING NO. PM-03



SIGN LEGEND	
SYMBOL	DESCRIPTION
	X - SHEET NO. NEW SIGN: Y - SIGN NO. TEXT - TEXT NO.
	SIGN REMOVAL
	RELOCATE TO POSITION SHOWN
	TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

NOTE: REFER TO DWG. PM-12 THRU PM-14 FOR SIGN TEXT DATA, SIGNS TO REMAIN, SIGNS TO BE REMOVED, AND SIGNS TO BE RELOCATED TABLES.

NOTES:

- SEE DWG. NO. PM-01 FOR PAVEMENT MARKING ITEM NUMBERS AND DESCRIPTIONS.
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- SEE DWG. NO. PM-05 FOR PARKING SPOT DELINEATOR DETAIL.



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CLIENT



CITY OF DUNKIRK

PROJECT NAME

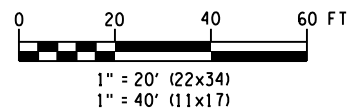
LAKE SHORE DRIVE

DRAWING TITLE

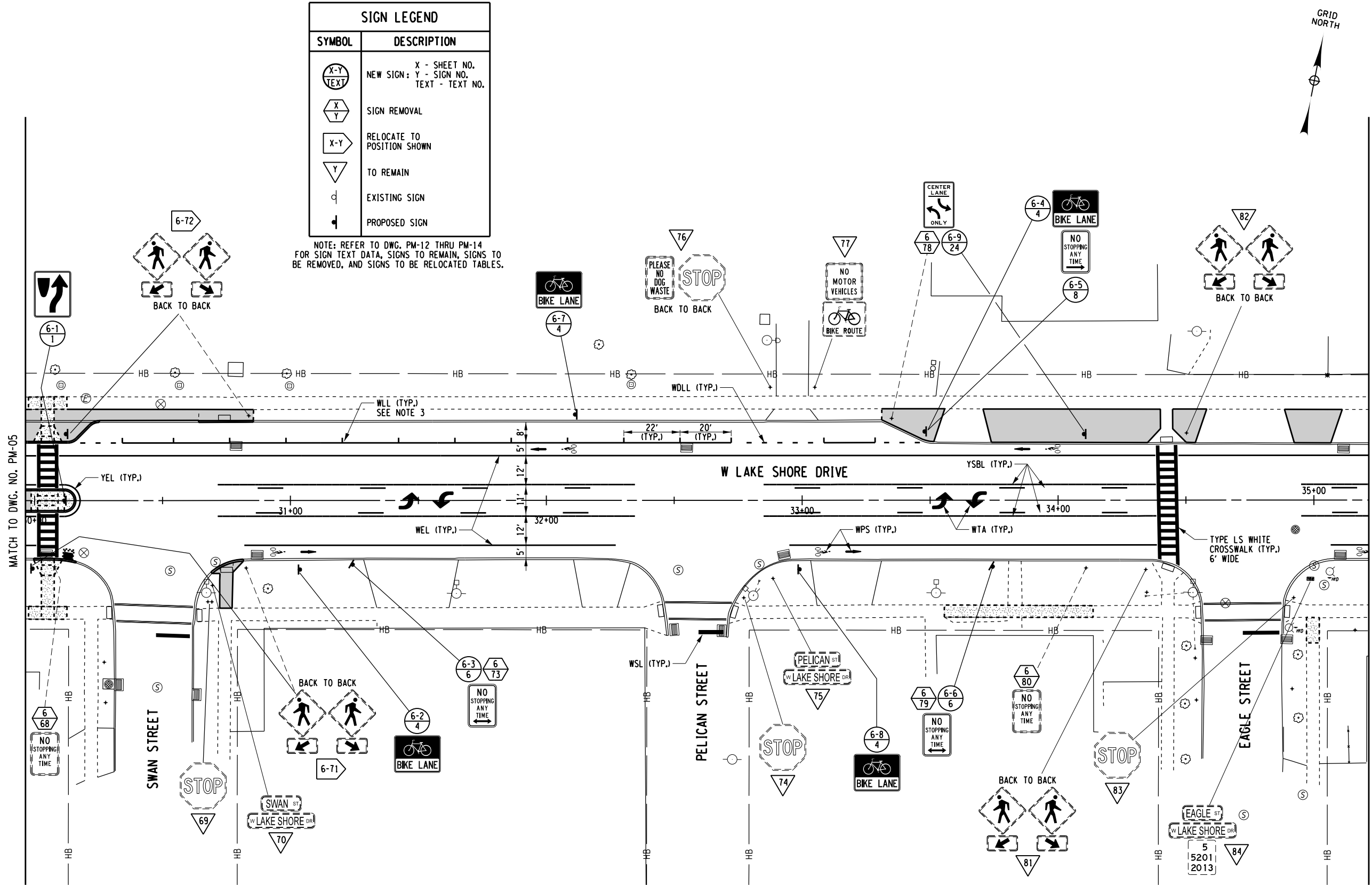
PAVEMENT MARKING  
AND SIGNING

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 84 OF 94	DRAWING NO. PM-04





- |                       |                         |
|-----------------------|-------------------------|
| SCALE<br>1" = 40'     | DATE<br>DECEMBER 2021   |
| P.I.N.<br>5763.53     | FEDERAL AID PROJECT NO. |
| SHEET NO.<br>85 OF 94 | DRAWING NO.<br>PM-05    |

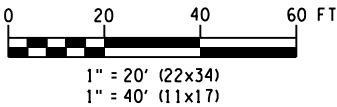


SIGN LEGEND	
SYMBOL	DESCRIPTION
	X - SHEET NO. NEW SIGN: Y - SIGN NO. TEXT - TEXT NO.
	SIGN REMOVAL
	RELOCATE TO POSITION SHOWN
	TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

NOTE: REFER TO DWG. PM-12 THRU PM-14 FOR SIGN TEXT DATA, SIGNS TO REMAIN, SIGNS TO BE REMOVED, AND SIGNS TO BE RELOCATED TABLES.

NOTES:

- SEE DWG. NO. PM-01 FOR PAVEMENT MARKING ITEM NUMBERS AND DESCRIPTIONS.
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- SEE DWG. NO. PM-05 FOR PARKING SPOT DELINEATOR DETAIL.



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REVISIONS			
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CITY OF DUNKIRK

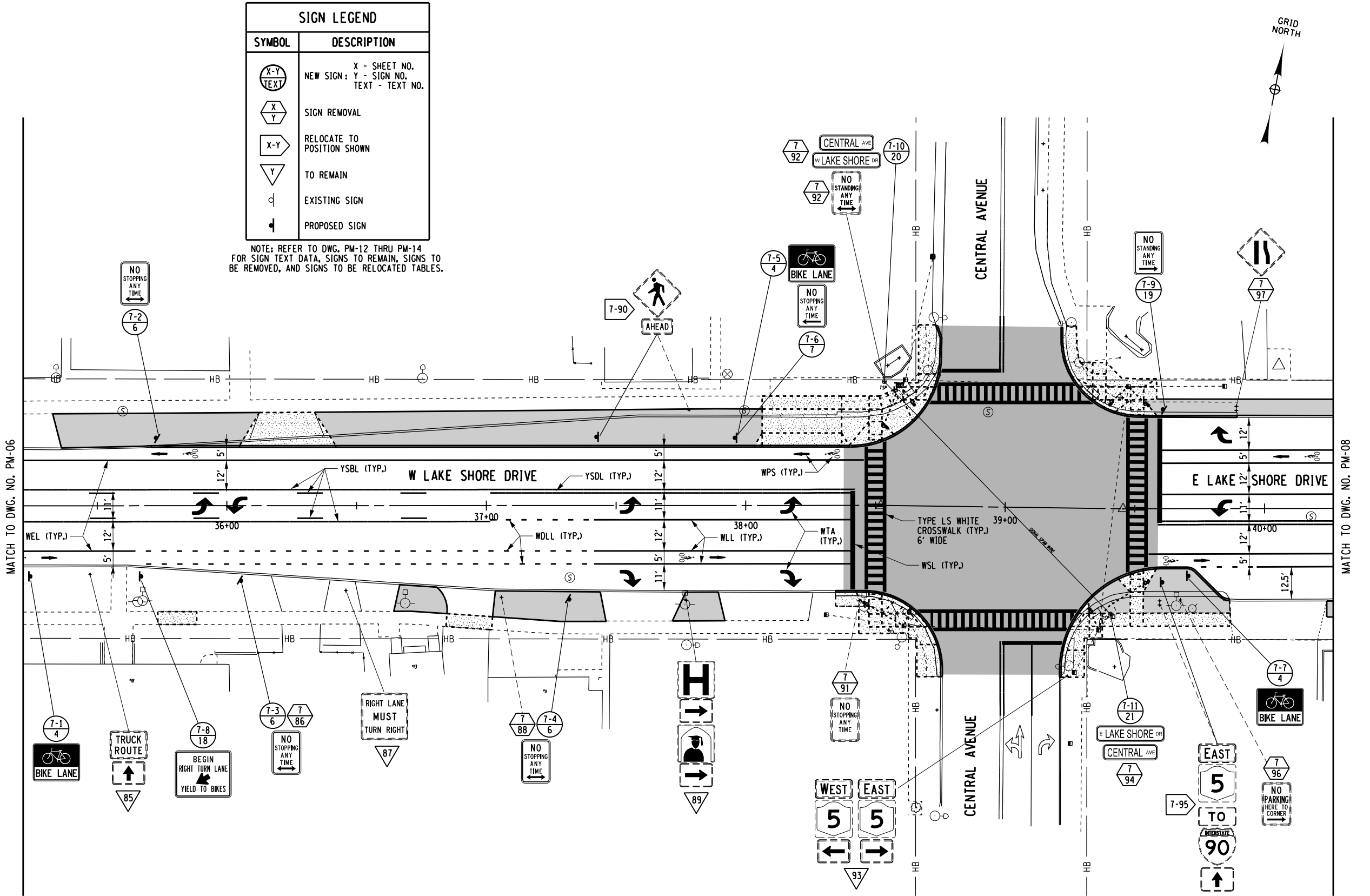
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

PAVEMENT MARKING  
AND SIGNING

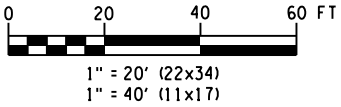
SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 86 OF 94	DRAWING NO. PM-06



SIGN LEGEND	
SYMBOL	DESCRIPTION
	X - SHEET NO. NEW SIGN: Y - SIGN NO. TEXT - TEXT NO.
	SIGN REMOVAL
	RELOCATE TO POSITION SHOWN
	TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

NOTE: REFER TO DWG. PM-12 THRU PM-14 FOR SIGN TEXT DATA, SIGNS TO REMAIN, SIGNS TO BE REMOVED, AND SIGNS TO BE RELOCATED TABLES.

- NOTES:
- SEE DWG. NO. PM-01 FOR PAVEMENT MARKING ITEM NUMBERS AND DESCRIPTIONS.
  - PRIOR TO INSTALLATION OF NEW STRIPING, EXISTING WHITE EDGE/LANE SOLID LINES, LEFT/RIGHT ARROWS, STOP BARS, CROSSWALKS, BICYCLE SYMBOLS AND EXISTING YELLOW EDGE/BROKEN/DOUBLE SOLID LINES SHALL BE REMOVED UNDER ITEM 635.0103.



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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

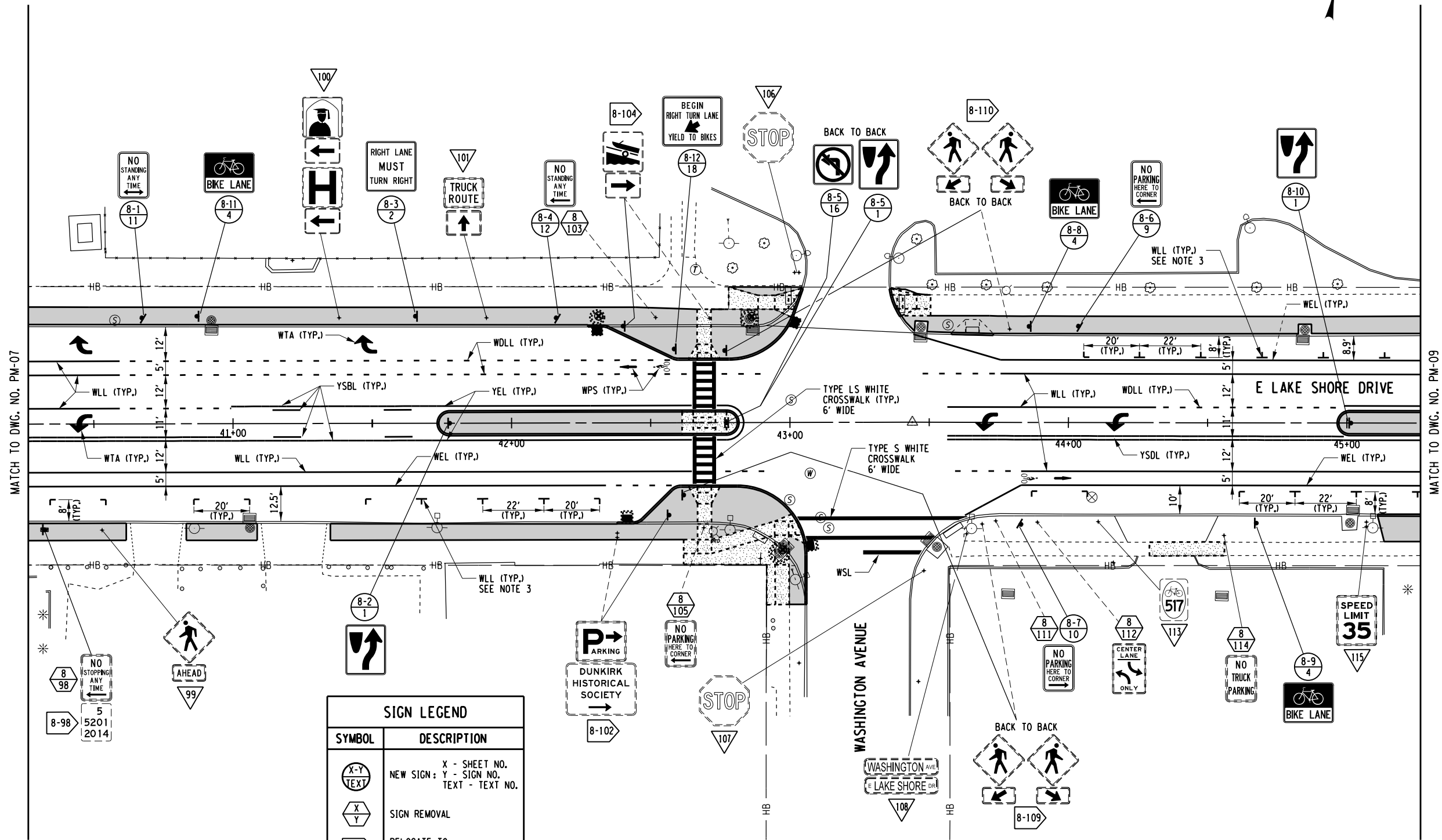
PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

PAVEMENT MARKING AND SIGNING

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 87 OF 94	DRAWING NO. PM-07



SIGN LEGEND	
SYMBOL	DESCRIPTION
	X - SHEET NO. NEW SIGN: Y - SIGN NO. TEXT - TEXT NO.
	SIGN REMOVAL
	RELOCATE TO POSITION SHOWN
	TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

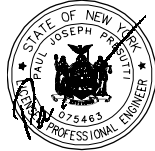
NOTE: REFER TO DWG. PM-12 THRU PM-14  
FOR SIGN TEXT DATA, SIGNS TO REMAIN, SIGNS TO  
BE REMOVED, AND SIGNS TO BE RELOCATED TABLES.

NOTES:

- SEE DWG. NO. PM-01 FOR PAVEMENT MARKING ITEM NUMBERS AND DESCRIPTIONS.
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- SEE DWG. NO. PM-05 FOR PARKING 'T' MARKING DETAIL.



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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

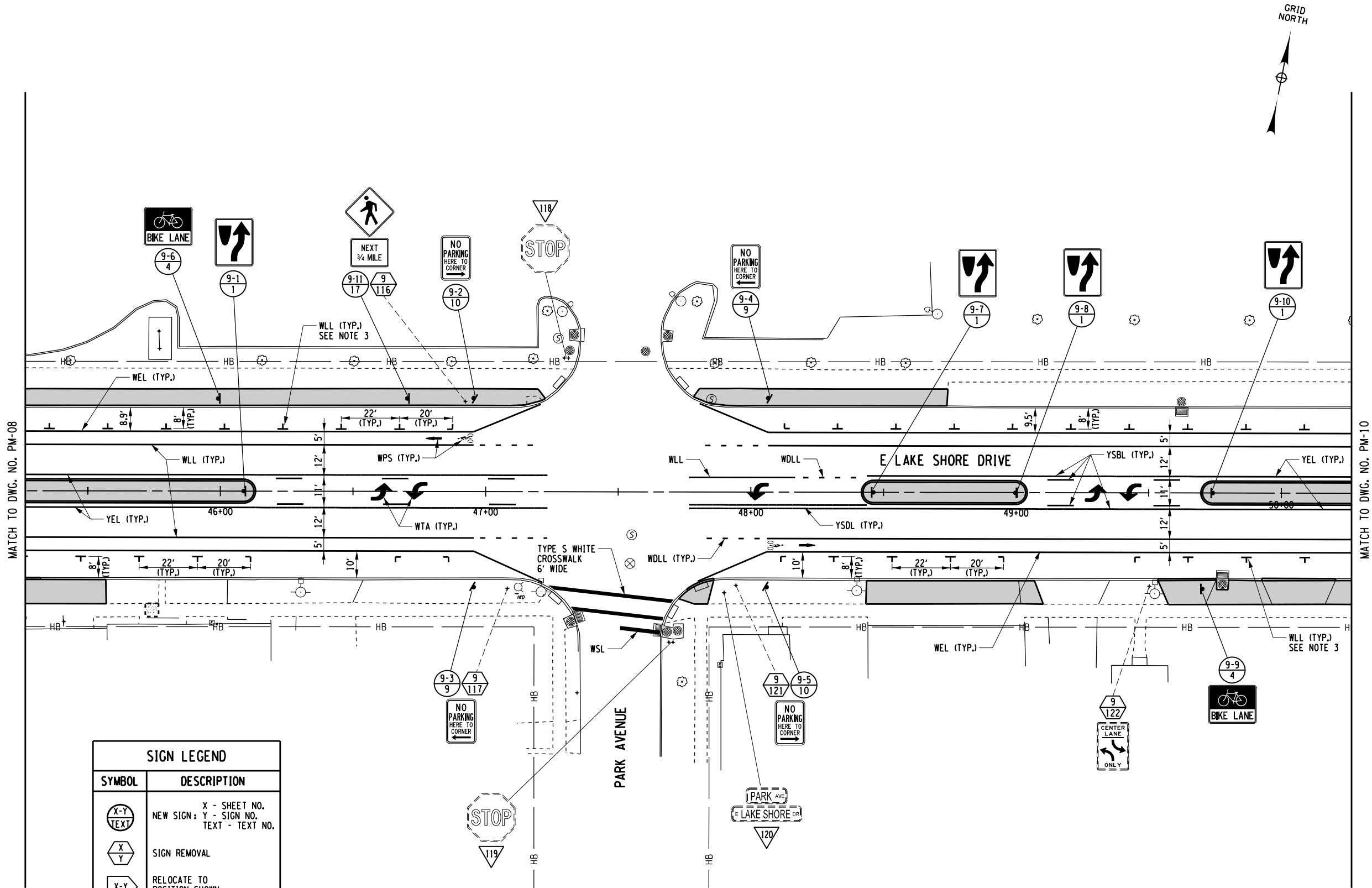
DRAWING TITLE

PAVEMENT MARKING  
AND SIGNING

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 88 OF 94	DRAWING NO. PM-08

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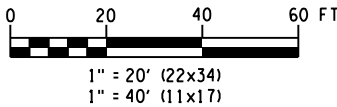
DESIGN SUPERVISOR W. MCCORMICK JOB MANAGER P. PRESUTTI CHECKED BY A. BLACKMON DRAFTED BY S. BEAMAN CHECKED BY A. BLACKMON



SIGN LEGEND	
SYMBOL	DESCRIPTION
	NEW SIGN: X - SHEET NO. Y - SIGN NO. TEXT - TEXT NO.
	SIGN REMOVAL
	RELOCATE TO POSITION SHOWN
	TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

NOTE: REFER TO DWG. PM-12 THRU PM-14 FOR SIGN TEXT DATA, SIGNS TO REMAIN, SIGNS TO BE REMOVED, AND SIGNS TO BE RELOCATED TABLES.

- NOTES:
- SEE DWG. NO. PM-01 FOR PAVEMENT MARKING ITEM NUMBERS AND DESCRIPTIONS.
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  - SEE DWG. NO. PM-05 FOR PARKING 'T' MARKING DETAIL.



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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

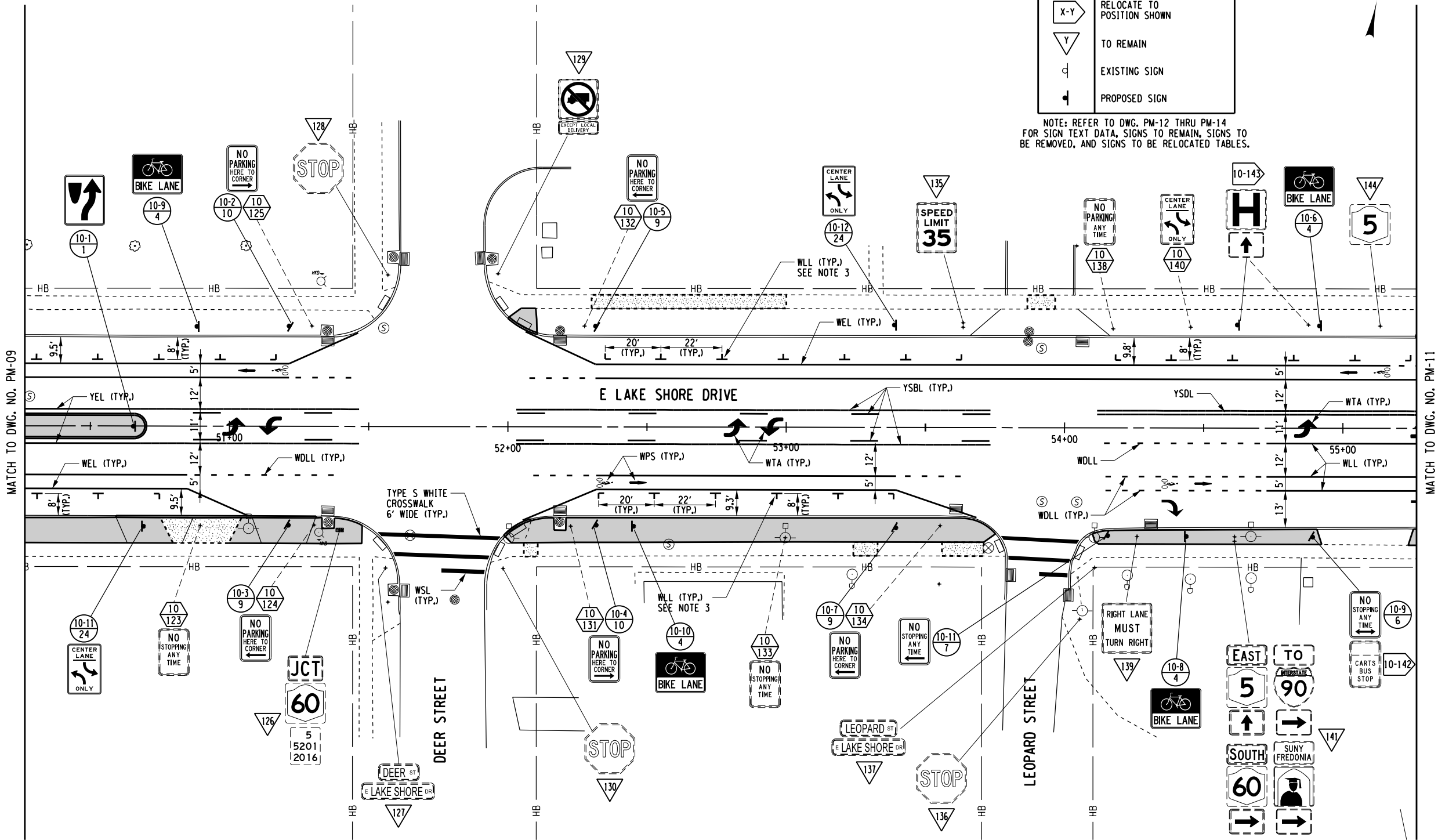
LAKE SHORE DRIVE

DRAWING TITLE

PAVEMENT MARKING AND SIGNING

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 89 OF 94	DRAWING NO. PM-09





SIGN LEGEND	
SYMBOL	DESCRIPTION
	X - SHEET NO. NEW SIGN: Y - SIGN NO. TEXT - TEXT NO.
	SIGN REMOVAL
	RELOCATE TO POSITION SHOWN
	TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

NOTE: REFER TO DWG. PM-12 THRU PM-14 FOR SIGN TEXT DATA, SIGNS TO REMAIN, SIGNS TO BE REMOVED, AND SIGNS TO BE RELOCATED TABLES.

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT

CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

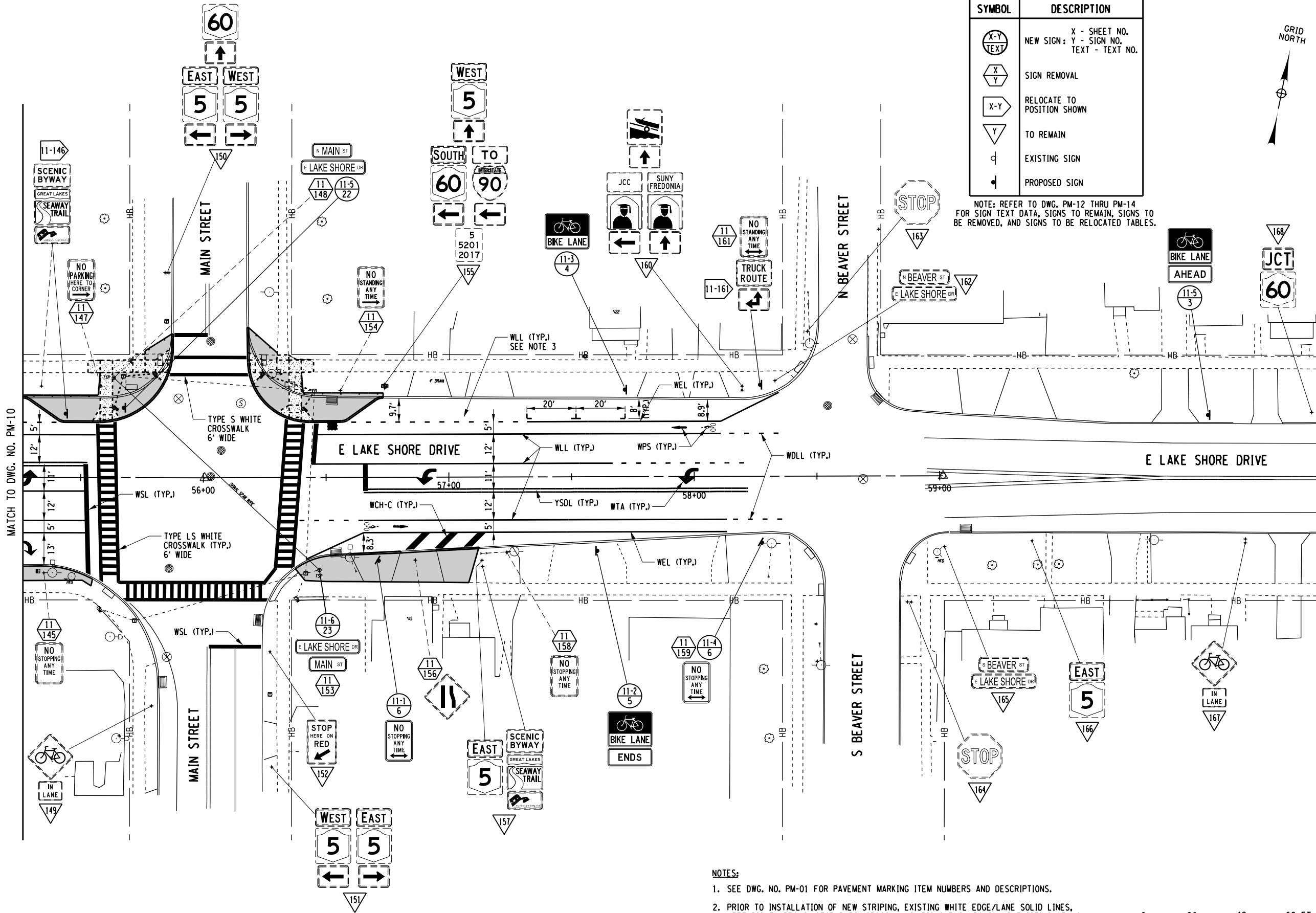
PAVEMENT MARKING AND SIGNING

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 90 OF 94	DRAWING NO. PM-10

NOTES:

- SEE DWG. NO. PM-01 FOR PAVEMENT MARKING ITEM NUMBERS AND DESCRIPTIONS.
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- SEE DWG. NO. PM-05 FOR PARKING 'T' MARKING DETAIL.





SIGN LEGEND	
SYMBOL	DESCRIPTION
	X - SHEET NO. NEW SIGN: Y - SIGN NO. TEXT - TEXT NO.
	SIGN REMOVAL
	RELOCATE TO POSITION SHOWN
	TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

NOTE: REFER TO DWG. PM-12 THRU PM-14 FOR SIGN TEXT DATA, SIGNS TO REMAIN, SIGNS TO BE REMOVED, AND SIGNS TO BE RELOCATED TABLES.

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

PAVEMENT MARKING  
AND SIGNING

SCALE 1" = 40'	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 91 OF 94	DRAWING NO. PM-11

- NOTES:
- SEE DWG. NO. PM-01 FOR PAVEMENT MARKING ITEM NUMBERS AND DESCRIPTIONS.
  - PRIOR TO INSTALLATION OF NEW STRIPING, EXISTING WHITE EDGE/LANE SOLID LINES, LEFT/RIGHT ARROWS, STOP BARS, CROSSWALKS, BICYCLE SYMBOLS AND EXISTING YELLOW EDGE/BROKEN/DOUBLE SOLID LINES SHALL BE REMOVED UNDER ITEM 635.0103.
  - SEE DWG. NO. PM-05 FOR PARKING 'T' MARKING DETAIL.



SIGN TEXT DATA							
TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT	MUTCD NUMBER	MOUNT
1	3-6, 3-8, 3-11, 4-3, 4-6, 4-8, 4-10, 5-1, 5-4, 5-7, 5-8, 6-1, 8-2, 8-5, 8-10, 9-1, 9-7, 9-8, 9-10, 10-1	645.5102	5.00 SF	100.00 SF		R4-7 24" x 30"	GR MTD
		645.81	1 EA	20 EA			
		20					
2	8-3	645.5102	2.25 SF	2.25 SF		R3-7R 30" x 30"	GR MTD
		645.81	1 EA	1 EA			
		1					
3	1-1, 11-5	645.5102	4.33 SF	8.66 SF		R3-17 24" x 18"  R3-17aP 24" x 8"	GR MTD
		645.81	1 EA	2 EA			
		2					
4	1-5, 2-3, 2-4, 3-3, 3-5, 3-12, 3-13, 4-4, 4-7, 4-11, 4-12, 5-3, 5-6, 5-9, 6-2, 6-4, 6-7, 6-8, 7-1, 7-5, 7-7, 8-8, 8-9, 8-11, 9-6, 9-9, 10-6, 10-8, 10-9, 10-10, 11-3	645.5102	3.00 SF	93.00 SF		R3-17 24" x 18"	GR MTD
		645.81	1 EA	31 EA			
		31					
5	1-3, 11-2	645.5102	4.33 SF	8.66 SF		R3-17 24" x 18"  R3-17aP 24" x 8"	GR MTD
		645.81	1 EA	2 EA			
		2					
6	1-2, 1-4, 2-1, 2-2, 2-5, 3-1, 3-2, 3-9, 4-1, 4-5, 4-9, 5-2, 5-5, 6-3, 6-6, 7-2, 7-3, 7-4, 10-9, 11-1, 11-4	645.5101	1.50 SF	31.50 SF		NYP1-7 12" x 18"	GR MTD
		645.81	1 EA	21 EA			
		21					
7	3-4, *7-6, 10-11  * NO POST	645.5101	1.50 SF	4.50 SF		NYP1-7L 12" x 18"	GR MTD
		645.81	1 EA	2 EA			
		3					
8	*6-5  * NO POST	645.5101	1.50 SF	1.50 SF		NYP1-7R 12" x 18"	GR MTD
		645.81	-	-			
		1					
9	8-6, 9-3, 9-4, 10-3, 10-5, 10-7	645.5101	1.50 SF	9.00 SF		NYP1-9L 12" x 18"	GR MTD
		645.81	1 EA	6 EA			
		6					
10	8-7, 9-2, 9-5, 10-2, 10-4	645.5101	1.50 SF	7.50 SF		NYP1-9R 12" x 18"	GR MTD
		645.81	1 EA	5 EA			
		5					
11	8-1	645.5101	1.50 SF	1.50 SF		R7-4 12" x 18"	GR MTD
		645.81	1 EA	1 EA			
		1					

SIGN TEXT DATA							
TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT	MUTCD NUMBER	MOUNT
12	8-4	645.5101	1.50 SF	1.50 SF		R7-4L 12" x 18"	GR MTD
		645.81	1 EA	1 EA			
		1					
13	3-7	645.5101	1.50 SF	1.50 SF		NYP1-15R (MOD.) 12" x 18"	GR MTD
		645.81	1 EA	1 EA			
		1					
14	4-2	645.5101	1.50 SF	1.50 SF		NYP1-8L (MOD.) 12" x 18"	GR MTD
		645.81	1 EA	1 EA			
		1					
15	3-10	645.5101	3.00 SF	3.00 SF	 	NYP1-8R (MOD.) 12" x 18"  NYP1-15L (MOD.) 12" x 18"	GR MTD
		645.81	1 EA	1 EA			
		1					
16	•8-5  • NO POST	645.5102	2.25 SF	2.25 SF		R3-2 30" x 30"	GR MTD
		645.81	-	-			
		1					
17	1-6, 9-11	645.5102	9.25 SF	18.50 SF	 	W11-2L 30" x 30"  W7-3aP 24" x 18"	GR MTD
		645.81	2 EA	2 EA			
		2					
18	7-8, 8-12	645.5102	7.50 SF	15.00 SF		R4-4 36" x 30"	GR MTD
		645.81	2 EA	2 EA			
		2					
19	7-9	645.5101	1.50 SF	1.50 SF		R7-4R 12" x 18"	GR MTD
		645.81	1 EA	1 EA			
		1					
20	7-10	645.5102	20.00 SF	20.00 SF		(2) 48" x 12" D3-1 (2) 72" x 12" (SEE NOTE 4)	POLE MTD
		645.85	2 EA	2 EA			
		1					
21	7-11	645.5102	19.00 SF	19.00 SF		(2) 72" x 12" D3-1 (2) 42" x 12" (SEE NOTE 4)	POLE MTD
		645.85	2 EA	2 EA			
		1					

**SIGNING NOTES:**

- SIGN LOCATIONS AS SHOWN ON PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL INSTALL NEW SIGNS AND RELOCATE EXISTING SIGNS IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
- THE COLOR IS ONLY SHOWN WHEN THERE IS AN OPTION THAT MUST BE SPECIFIED.
- THE AREA AND PAYMENT AREA FOR SIGNS ARE FROM THE APPLICABLE STANDARD SHEETS OR SIGN FACE LAYOUTS.
- ALL STREET SIGNS SHALL HAVE BLUE BACKGROUND AND WHITE FOR LETTERS.

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT



CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

PAVEMENT MARKING  
AND SIGNING

SIGN FACE DATA

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 92 OF 94	DRAWING NO. PM-12

SIGN TEXT DATA							
TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT	MUTCD NUMBER	MOUNT
22	11-5	645.5102	19.00 SF	19.00 SF	<div><div>N MAIN ST</div><div>E LAKE SHORE DR</div></div>	(2) 42" x 12" D3-1 (2) 72" x 12" (SEE NOTE 4)	POLE MTD
		645.85	2 EA	2 EA			
23	11-6	645.5102	18.00 SF	18.00 SF	<div><div>E LAKE SHORE DR</div><div>MAIN ST</div></div>	(2) 72" x 12" D3-1 (2) 36" x 12" (SEE NOTE 4)	POLE MTD
		645.85	2 EA	2 EA			
24	2-6, 3-14, 4-13, 5-10, 6-9, 10-11, 10-12	645.5102	6.00 SF	42.00 SF	<div><div>CENTER LANE</div><div>ONLY</div></div>	R3-9b 24" x 36"	GR MTD
		645.81	1 EA	7 EA			
25							

SIGNING NOTES:

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2. THE COLOR IS ONLY SHOWN WHEN THERE IS AN OPTION THAT MUST BE SPECIFIED.
3. THE AREA AND PAYMENT AREA FOR SIGNS ARE FROM THE APPLICABLE STANDARD SHEETS OR SIGN FACE LAYOUTS.
4. ALL STREET SIGNS SHALL HAVE BLUE BACKGROUND AND WHITE FOR LETTERS.

SIGN RELOCATION TABLE					
ID #	STATION	SIDE	DESCRIPTION	ITEM 645.81 (EA)	ITEM 647.31 (EA)
2-18	12+75	LT	REFERENCE MARKER: 5 / 5201 / 2009		1
6-71	30+00	RT	PEDESTRIAN CROSSING / LEFT DIAGONAL DOWN ARROW	1	1
			PEDESTRIAN CROSSING / RIGHT DIAGONAL DOWN ARROW		
6-72	30+15	LT	PEDESTRIAN CROSSING / LEFT DIAGONAL DOWN ARROW	1	1
			PEDESTRIAN CROSSING / RIGHT DIAGONAL DOWN ARROW		
7-90	37+44	LT	PEDESTRIAN CROSSING / AHEAD	1	1
7-95	39+60	RT	EAST / STATE ROUTE 5	1	1
			TO / INTERSTATE ROUTE 90 / STRAIGHT UP ARROW		
8-98	40+33	RT	REFERENCE MARKER: 5 / 5201 / 2014	1	1
8-102	42+56	RT	PARKING RIGHT ARROW / DUNKIRK HISTORY SOCIETY (RIGHT ARROW)	1	1
8-104	42+50	LT	BOAT RAMP / RIGHT ARROW	1	1
8-109	42+62	RT	PEDESTRIAN CROSSING / LEFT DIAGONAL DOWN ARROW	1	1
			PEDESTRIAN CROSSING / RIGHT DIAGONAL DOWN ARROW		
8-110	42+77	LT	PEDESTRIAN CROSSING / LEFT DIAGONAL DOWN ARROW	1	1
			PEDESTRIAN CROSSING / RIGHT DIAGONAL DOWN ARROW		
10-142	54+90	RT	CARTS BUS STOP		1
10-143	54+63	LT	HOSPITAL / STRAIGHT UP ARROW	1	1
11-146	55+45	LT	SCENIC BYWAY / SEAWAY TRAIL / AMERICA'S BYWAYS	1	1
11-161	58+28	LT	TRUCK ROUTE / STRAIGHT UP - LEFT ARROWS	1	1
TOTAL				12	14
EXISTING LOCATIONS SHOWN. REFER TO SPM DRAWINGS FOR NEW LOCATIONS. ITEM 645.81 - TYPE A SIGN POSTS ITEM 647.31 - RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER 30 SQUARE FEET)					

SIGN REMOVAL TABLE				
ID #	STATION	SIDE	DESCRIPTION	ITEM 647.61 (EA)
1-7	10+50	LT	NO STOPPING ANY TIME	1
1-11	10+85	RT	NO STOPPING ANY TIME	1
1-12	10+92	RT	PEDESTRIAN CROSSING / NEXT 1/2 MILE	1
2-17	12+68	RT	NO STOPPING ANY TIME	1
2-18	12+75	LT	NO STOPPING ANY TIME	1
2-19	13+06	RT	CENTER LANE (2 LEFT ARROWS) ONLY	1
2-28	15+21	LT	NO STOPPING ANY TIME	1
3-29	16+29	LT	NO STOPPING ANY TIME	1
3-35	17+02	RT	NO STOPPING ANY TIME	1
3-38	17+41	LT	CENTER LANE (2 LEFT ARROWS) ONLY	1
3-40	18+19	LT	NO STOPPING ANY TIME	1
3-42	18+81	LT	NO TRUCK PARKING (RIGHT ARROW)	1
3-43	18+88	RT	NO STOPPING ANY TIME	1
3-44	19+43	LT	RESTRICTED AREA - OFFICAL USE ONLY	1
			NO TRUCK PARKING (LEFT ARROW)	
4-48	20+62	RT	NO STOPPING ANY TIME	1
4-49	20+72	LT	NO TRUCK PARKING (RIGHT ARROW)	1
4-53	22+72	RT	NO STOPPING ANY TIME	1
4-54	23+19	RT	CENTER LANE (2 LEFT ARROWS) ONLY	1
4-59	24+54	RT	NO STOPPING ANY TIME	1
5-65	26+59	RT	NO STOPPING ANY TIME	1
5-66	28+01	RT	NO STOPPING ANY TIME	1
6-68	30+08	RT	NO STOPPING ANY TIME	1
6-73	31+24	RT	NO STOPPING ANY TIME	1
6-78	33+35	LT	CENTER LANE (2 LEFT ARROWS) ONLY	1
6-79	33+74	RT	NO STOPPING ANY TIME	1
6-80	34+11	RT	NO STOPPING ANY TIME	1
7-86	36+05	RT	NO STOPPING ANY TIME	1
7-88	37+06	RT	NO STOPPING ANY TIME	1
7-91	38+44	RT	NO STOPPING ANY TIME	1
7-92	38+53	LT	STREET SIGN: CENTRAL AVE / W LAKE SHORE DR	1
			NO STOPPING ANY TIME	
7-94	39+41	RT	STREET SIGN: CENTRAL AVE	1
7-96	39+67	RT	NO PARKING HERE TO CORNER (RIGHT ARROW)	1
7-97	39+89	LT	RIGHT LANE ENDS	1
8-98	40+32	RT	NO STOPPING ANY TIME (LEFT ARROW)	1
8-103	42+52	LT	NO STANDING ANY TIME (LEFT ARROW)	1
8-105	42+69	RT	NO PARKING HERE TO CORNER (LEFT ARROW)	1
8-111	43+74	RT	NO PARKING HERE TO CORNER (RIGHT ARROW)	1
8-112	43+89	RT	CENTER LANE (2 LEFT ARROWS) ONLY	1
8-114	44+56	RT	NO TRUCK PARKING	1
9-116	46+92	LT	PEDESTRIAN CROSSING / NEXT 1/2 MILE	1
9-117	47+08	RT	NO PARKING HERE TO CORNER (LEFT ARROW)	1
9-121	47+94	RT	NO PARKING HERE TO CORNER (RIGHT ARROW)	1
9-122	49+50	RT	CENTER LANE (2 LEFT ARROWS) ONLY	1
10-123	50+90	RT	NO STOPPING ANY TIME	1
10-124	51+30	RT	NO PARKING HERE TO CORNER (LEFT ARROW)	1
10-125	51+30	LT	NO PARKING HERE TO CORNER (RIGHT ARROW)	1
10-131	52+23	RT	NO PARKING HERE TO CORNER (RIGHT ARROW)	1
10-132	52+27	LT	NO PARKING HERE TO CORNER (LEFT ARROW)	1
10-133	53+00	RT	NO STOPPING ANY TIME	1
10-134	53+55	RT	NO PARKING HERE TO CORNER (LEFT ARROW)	1
10-138	54+17	LT	NO PARKING ANY TIME	1
10-140	54+45	LT	CENTER LANE (2 LEFT ARROWS) ONLY	1
11-145	55+35	RT	NO STOPPING ANY TIME	1
11-147	55+58	LT	NO PARKING HERE TO CORNER (RIGHT ARROW)	1
11-148	55+64	LT	STREET SIGN: MAIN ST / E LAKE SHORE DR	1
11-153	56+47	RT	STREET SIGN: MAIN ST	1
11-154	56+56	LT	NO STANDING ANY TIME (RIGHT ARROW)	1
11-156	56+86	RT	RIGHT LANE ENDS	1
11-158	57+23	RT	NO STOPPING ANY TIME	1
11-159	58+27	RT	NO STOPPING ANY TIME	1
11-161	58+27	LT	NO STOPPING ANY TIME (DOUBLE ARROWS)	1
TOTAL				61
ITEM 647.61 - REMOVE AND DISPOSE GROUND MOUNTED TYPE A SIGN SUPPORT(S), FDNS AND ANY ATTACHED SIGNS - SIZE I (UNDER 30 SQUARE FEET)				

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175463  
PROFESSIONAL ENGINEER

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REVISIONS			
NO.	DESCRIPTION	BY	DATE

CLIENT

CITY OF DUNKIRK  
NEW YORK

CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

PAVEMENT MARKING  
AND SIGNING

SIGN FACE DATA

SCALE NONE	DATE DECEMBER 2021
P.L.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 93 OF 94	DRAWING NO. PM-13

SIGNS TO REMAIN TABLE	
SIGN NO.	DESCRIPTION
1	NO STANDING ANY TIME (DOUBLE ARROWS)
2	NO STANDING ANY TIME (DOUBLE ARROWS)
3	REFERENCE MARKER: 5 / 5201 / 2008
4	TRUCK ROUTE / STRAIGHT UP ARROW
5	NO STANDING ANY TIME (DOUBLE ARROWS) / BUS STOP
6	WEST / STATE ROUTE 5
8	SCHOOL / SPEED LIMIT 15 / RESTRICTIVE HOURS
9	NO TURN ON RED / RESTRICTIVE HOURS
10	STREET SIGN: BRIGHAM RD / W LAKE SHORE DR
13	EAST / STATE ROUTE 5
	TO / INTERSTATE 90 / STRAIGHT UP ARROW
	TO / THRUWAY / STRAIGHT UP ARROW
14	DEAF CHILD AREA
15	HOSPITAL / STRAIGHT UP ARROW
16	TRUCK ROUTE / STRAIGHT UP ARROW
20	SUNY FREDONIA / COLLEGE / STRAIGHT UP ARROW
21	STOP
22	DEAD END
23	STOP
24	PEDESTRIAN CROSSING / LEFT DIAGONAL   DOWN ARROW
	PEDESTRIAN CROSSING / RIGHT DIAGONAL DOWN ARROW
25	STREET SIGN: MULLET ST / W LAKE SHORE DR
26	PEDESTRIAN CROSSING / LEFT DOWN ARROW
	PEDESTRIAN CROSSING / RIGHT DOWN ARROW
27	SPEED LIMIT 35
30	STOP
31	DEAD END
32	STREET SIGN: WOODROW AVE / W LAKE SHORE DR
33	STOP
34	PEDESTRIAN CROSSING / LEFT DOWN ARROW
	PEDESTRIAN CROSSING / RIGHT DOWN ARROW
36	STREET SIGN: WOODROW AVE / W LAKE SHORE DR
37	PEDESTRIAN CROSSING / LEFT DIAGONAL   DOWN ARROW
	PEDESTRIAN CROSSING / RIGHT DIAGONAL DOWN ARROW
39	SPEED LIMIT 35
41	REFERENCE MARKER: 5 / 5201 / 2010
45	STOP
46	STREET SIGN: PIKE ST / W LAKE SHORE DR
47	PEDESTRIAN CROSSING / AHEAD
50	STATE ROUTE 5
51	STREET SIGN: ROBIN ST / W LAKE SHORE DR
52	STOP
55	PEDESTRIAN CROSSING / AHEAD
56	STOP
57	STREET SIGN: PLOVER ST / W LAKE SHORE DR
58	REFERENCE MARKER: 5 / 5201 / 2011
60	SPEED LIMIT 35
61	STOP
62	STREET SIGN: DOVE ST / W LAKE SHORE DR
63	PEDESTRIAN CROSSING / LEFT DIAGONAL   DOWN ARROW
	PEDESTRIAN CROSSING / RIGHT DIAGONAL DOWN ARROW
64	PEDESTRIAN CROSSING / LEFT DIAGONAL   DOWN ARROW
	PEDESTRIAN CROSSING / RIGHT DIAGONAL DOWN ARROW
67	REFERENCE MARKER: 5 / 5201 / 2012
69	STOP
70	STREET SIGN: SWAN ST / W LAKE SHORE DR
74	STOP
75	STREET SIGN: PELICAN ST / W LAKE SHORE DR
76	STOP / PLEASE NO DOG WASTE
77	NO MOTOR VEHICLES / BIKE ROUTE
81	PEDESTRIAN CROSSING / LEFT DIAGONAL   DOWN ARROW
	PEDESTRIAN CROSSING / RIGHT DIAGONAL DOWN ARROW
82	PEDESTRIAN CROSSING / LEFT DIAGONAL   DOWN ARROW
	PEDESTRIAN CROSSING / RIGHT DIAGONAL DOWN ARROW
83	STOP
84	STREET SIGN: EAGLE ST / W LAKE SHORE DR
	REFERENCE MARKER: 5 / 5201 / 2013
85	TRUCK ROUTE / STRAIGHT UP ARROW
87	RIGHT LANE MUST TURN RIGHT
89	HOSPITAL / RIGHT ARROW // COLLEGE / RIGHT ARROW
93	WEST / STATE ROUTE 5 / LEFT ARROW
	EAST / STATE ROUTE 5 / RIGHT ARROW
99	PEDESTRIAN CROSSING / AHEAD
100	HOSPITAL / LEFT ARROW // COLLEGE / LEFT ARROW
101	TRUCK ROUTE / STRAIGHT UP ARROW
106	STOP
107	STOP
108	STREET SIGN: WASHINGTON AVE / E LAKE SHORE DR
113	BIKE ROUTE 517
115	SPEED LIMIT 35
118	STOP
119	STOP
120	STREET SIGN: PARK AVE / E LAKE SHORE DR

SIGNS TO REMAIN TABLE	
SIGN NO.	DESCRIPTION
126	JCT / STATE ROUTE 60 // REFERENCE MARKER: 5 / 5201 / 2016
127	STREET SIGN: DEER ST / E LAKE SHORE DR
128	STOP
129	NO TRUCK PROHIBITION / EXCEPT LOCAL DELIVERY
130	STOP
135	SPEED LIMIT 35
136	STOP
137	STREET SIGN: LEOPARD ST / E LAKE SHORE DR
139	RIGHT LANE MUST TURN RIGHT
141	EAST / STATE 5 / STRAIGHT UP ARROW
	TO / INTERSTATE ROUTE 90 / RIGHT ARROW
	SOUTH / STATE ROUTE 60 / RIGHT ARROW
	SUNY FREDONIA / COLLEGE / RIGHT ARROW
144	STATE ROUTE 5
149	BICYCLE / IN LANE
150	STATE ROUTE 60
	EAST / STATE ROUTE 5 / LEFT ARROW
	WEST / STATE ROUTE 5 / RIGHT ARROW
151	WEST / STATE ROUTE 5 / LEFT ARROW
	EAST / STATE ROUTE 5 / RIGHT ARROW
152	STOP HERE ON RED (LEFT DIAGONAL DOWN ARROW)
155	WEST / STATE ROUTE 5 / STRAIGHT UP ARROW
	SOUTH / STATE ROUTE 60 / LEFT ARROW
	TO / INTERSTATE ROUTE 90 / LEFT ARROW
	REFERENCE MARKER: 5 / 5201 / 2017
157	EAST / STATE ROUTE 5
	SCENIC BYWAY / SEAWAY TRAIL / AMERICA'S BYWAYS
160	BOAT RAMP / STAIGHT UP ARROW
	JCC / COLLEGE / LEFT ARROW
	SUNY FREDONIA / COLLEGE / STRAIGHT UP ARROW
162	STREET SIGN: N BEAVER ST / E LAKE SHORE DR
163	STOP
164	STOP
165	STREET SIGN: S BEAVER ST / E LAKE SHORE DR
166	EAST / STATE ROUTE 5
167	BICYCLE / IN LANE
168	JCT / STATE ROUTE 60

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CITY OF DUNKIRK

PROJECT NAME

LAKE SHORE DRIVE

DRAWING TITLE

PAVEMENT MARKING  
AND SIGNING

SIGN FACE DATA

SCALE NONE	DATE DECEMBER 2021
P.I.N. 5763.53	FEDERAL AID PROJECT NO.
SHEET NO. 94 OF 94	DRAWING NO. PM-14