

PROJECT LOCATION

THE PROJECT IS LOCATED ON EAST BRIGHTON AVENUE IN THE CITY OF SYRACUSE, ONONDAGA COUNTY. THE PROJECT EXTENDS FROM THURBER STREET SOUTH TO THE I-81 & I-481 INTERCHANGE. AFTER THE INTERCHANGE THE PROJECT CONTINUES SOUTH ON EAST BRIGHTON AVENUE FROM ROCK CUT ROAD TO EAST SENECA TURNPIKE, BEFORE CONTINUING SOUTHEAST ON EAST SENEC TURNPIKE (NYS ROUTE 173), ENDING AT THE SYRACUSE CITY LIMITS. A LENGTH OF APPROXIMATELY 6,336 FEET (1.2 MILES) IN TOTAL.

CONTRACTOR'S NAME	
AWARD DATE	
COMPLETION DATE	
FINAL ACCEPTANCE DATE	
CITY ENGINEER	
RESIDENT ENGINEER	
FINAL COST TOTAL	
FISCAL SHARE	COST(S)
1	
2	***************************************

PREPARED AND RECOMMENDED BY:

CAS CAS Syrac COMPANIES Fax:

C&S Engineers, Ind. 499 Col. Elleen Collins Blue Syracuse, New York 13212 Phone: 315-455-2000 Fax: 315-455-9667 12/10/2024 DATE

DATE

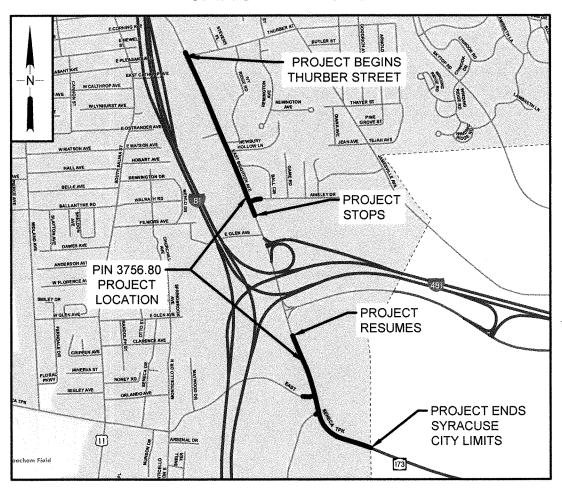


CITY OF SYRACUSE DEPARTMENT OF ENGINEERING ONONDAGA COUNTY, NEW YORK

EAST BRIGHTON AVENUE 2R PAVING PROJECT

THURBER STREET TO CITY LIMIT

JANUARY 2025



PROJECT LOCATION MAP

NOT TO SCALE

Mary E. Robison

APPROVED BY: CITY OF SYRACUSE

MARY E. ROBISON, P.E. DATE CITY ENGINEER

12/10/2024

THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, 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 SHEET(S) UNLESS OTHERWISE SPECIFIED IN THE CONTRACT

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (US 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 NYSDOT POLICIES AND GUIDE LINES AND THE FINAL DESIGN REPORT APPROVED ON 09/01/2023.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION

MAINTENANCE RESPONSIBILITY

THE CITY OF SYRACUSE WILL BE RESPONSIBLE FOR MAINTENANCE OF THE ROADWAY CONSTRUCTED UNDER THIS CONTRACT.

EAST BRIGHTON AVENUE 2R PAVING PROJECT THURBER STREET TO CITY LIMIT CITY OF SYRACUSE COUNTY: ONONDAGA FED. ROAD REG. NO. STATE SHEET NO. 1 N.Y. 1 CAPITAL PROJECT IDENTIFICATION NO. 3756.80

	ALIGNMENT		TOPOGRAPHY (MISCELLANEOUS)		UTILITIES
ABBR.	DESCRIPTION	ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
HA	AHEAD	ABUT	ABUTMENT	Ε	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
6	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		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	Ť	TELEPHONE
LVC	LENGTH OF SPIRAL LENGTH OF VERTICAL CURVE	ES	EDGE OF SHOULDER	тсв	TRAFFIC CONTROL BOX
E	CENTER CORRECTION OF VERTICAL CURVE	FEE	FEE ACQUISITION	TELBOX	TELEPHONE BOX
lw E	MAIN LINE	FEE WO/A	FEE ACQUISITION WITHOUT ACCESS	TEL P	TELEPHONE POLE
PC	POINT OF CURVATURE	FP 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		
PVI	POINT OF VERTICAL CORVE	HWY	HIGHWAY	1	SUBSURFACE EXPLORATION
PVT	POINT OF VERTICAL INTERSECTION POINT OF VERTICAL TANGENT	IP	IRON PIN OR IRON PIPE	1000	DECADIOTION
R	RADIUS	MB	MAILBOX	ABBR.	DESCRIPTION
SC	SPIRAL TO CURVE	MON	MONUMENT	REP	LACE ABBREVIATION "AB" WITH:
SSD	STOPPING SIGHT DISTANCE	N&W	NAIL AND WASHER	AH	HAND AUGER
ST	SPIRAL TO TANGENT	OG	ORIGINAL GROUND	CP	CONE PENTROMETER
STA	STATION	0/H	OVERHEAD	DA	21/4 INCHES CASED DRILL HOLE
T	TANGENT LENGTH	P	PARCEL	DM	DRILLING MUD
TGL	THEORETICAL GRADE LINE	PAV'T	PAVEMENT	DN	4 INCHES CASED DRILL HOLE
TS	TANGENT TO SPIRAL	PE	PERMANENT EASEMENT	FH	HOLLOW FLIGHT AUGER
VC	VERTICAL CURVE	PED POLE	PEDESTRIAN POLE	PA	POWER AUGER
**	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	P P	PROPERTY LINE	PH	PROBE
	TOPOGRAPHY (DRAINAGE)	POR	PORCH	PT	PERCOLATION TEST HOLE
ABBR.	DESCRIPTION	RR	RAILROAD	RP	1 INCH SAMPLER (RETRACTABLE PLUG)
BB	BOTTOM OF BANK (STREAM)	RTE	ROUTE	111	TO BE DEFINED AT THE TIME OF EXPLORATION
BC	BOTTOM OF CURB	ROW	RIGHT OF WAY	SP	SEISMIC POINT
BO	BOTTOM OF CORB	RW	RETAINING WALL	TP	TEST PIT
CAP	CORRUGATED ALUMINUM PIPE	SH	STATE HIGHWAY		ATION "C" IN CATEGORIES:
CB	CATCH BASIN	SHLDR	SHOULDER		DN, AND FH WITH:
CIP	CAST IRON PIPE	SPK	SPIKE	B	BRIDGE
€ STRM	CENTERLINE OF STREAM	ST	STREET	T C	CUT
CMP	CORRUGATED METAL PIPE	STK	STAKE	b c	DAM
CP	CONCRETE PIPE	STY	STORY	F	FILL
CSP	CORRUGATED STEEL PIPE	SW	SIDEWALK	K	CULVERT
CULV	CULVERT	TE	TEMPORARY EASEMENT	W	WALL
DIA	DIAMETER	TO	TEMPORARY OCCUPANCY	X	
DMH	DRAINAGE MANHOLE	U/G	UNDERGROUND	1 1	TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION
DS	DRAINAGE STRUCTURE PIPE	WW	WING WALL	1	IS MADE
		""	HINU HALL	<u> </u>	
D'XING	DITCH CROSSING	┥ ┌			

EHW EXTREME HIGH WATER EL ELEVATION

ELEVATION

ELW EXTREME LOW WATER

ORDINARY LOW WATER RCP REINFORCED CONCRETE PIPE

TOP OF BANK (STREAM)

SICPP SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE

ES END SECTION

INVERT

TC TOP OF CURB

TG TOP OF GRATE VCP VITRIFIED CLAY PIPE

HW HEADWALL

MH MANHOLE MHW MEAN HIGH WATER OHW ORDINARY HIGH WATER

ELEV

INV

OLW

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

]	NDEX	TOTAL NUMBER OF SHEETS 241
SHEET NUMBERS	DRAWING NO.	DESCRIPTION
1	COVER	TITLE SHEET
2	IND	LIST OF ABBREVIATIONS AND INDEX
3 - 4	LEG-01 TO LEG-02	LEGENDS
5 - 11	TYP-01 TO TYP-07	TYPICAL SECTIONS
12 - 13	GEN-01 TO GEN-02	GENERAL NOTES
14	TCN-01	TRAFFIC CONTROL NOTES
15 - 21	TCP-01 TO TCP-07	TRAFFIC CONTROL PLANS
22	BLT-01	BASELINE TIES AND BENCHMARKS
23 - 32	MST-01 TO MST-10	MISCELLANEOUS TABLES
33 - 35	DWT-01 TO DWT-03	DRIVEWAY TABLES
36 - 41	DRT-01 TO DRT-06	DRAINAGE TABLES
42 - 43	MSD-01 TO MSD-02	MISCELLANEOUS DETAILS
44 - 53	CRD-01 TO CRD-10	CURB RAMP DETAILS
54 - 56	DRD-01 TO DRD-03	DRAINAGE DETAILS
57	ESN-01	EROSION & SEDIMENT CONTROL NOTES
58 - 59	ESD-01 TO ESD-02	EROSION & SEDIMENT CONTROL DETAILS
60 - 86	ESP-01 TO ESP-27	EROSION & SEDIMENT CONTROL PLANS
87 - 113	PRP-01 TO PRP-27	PAVEMENT REPAIR PLANS
114 - 140	PLN-01 TO PLN-27	GENERAL PLANS
141 - 167	PRO-01 TO PRO-27	PROFILES
168 - 172	SPR-01 TO SPR-05	SIDEWALK PROFILES
173 - 174	TSN-01 TO TSN-02	TRAFFIC SIGNAL NOTES
175 - 191	TSP-01 TO TSP-17	TRAFFIC SIGNAL PLANS
192 - 193	LTG-01 TO LGT-02	LIGHTING TABLE AND DETAILS
194 - 196	SDS-01 TO SDS-03	SIGN TEXT DATA SHEETS
197	SRT-01	SIGN REMOVAL AND RELOCATION TABLES
198	PMD-01	PAVEMENT MARKING TABLE AND DETAILS
199 - 225	SPM-01 TO SPM-27	SIGN AND PAVEMENT MARKING PLANS
226 - 229	PLD-01 TO PLD-04	PLANTING SCHEDULE DETAILS AND PLANS
230 - 237	PLP-01 TO PLP-08	PLANTING PLANS
238 - 241	EST-01 TO EST-04	ESTIMATE OF QUANTITIES



C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com



EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION PROJECT NO: 119.429.001 DATE: JANUARY 2025 DRAWN BY: DJB

DESIGNED BY: DJB CHECKED BY: DOS

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

LIST OF **ABBREVIATIONS AND INDEX**

> **IND-01** 2 of 241

	NT	L	.ANDSCA	PE I		ROADWA	ıY	TRAF	FIC WOR	K 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_I	BARRIER, TEMPORARY, W/ WARNING
	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	111111111	TWZPMRC_I	P PAVEMENT MARKING REMOVAL OR COVERING
	BRIDGE		(LAWA	AREA, WOODED AREA OUTLINE		RGBM	GUIDE RAIL, BOX BEAM, MEDIAN		UTILITIE	
	BR	RAIL		LAWE	AREA, WATERS EDGE		RGC	GUIDE RAIL, CABLE	STYLE	NAME	DESCRIPTION
	BSHT	SHEET PILING		LCUT_P	CUT LIMIT		RGCB	GUIDE RAIL, CONCRETE BARRIER	The state of the s	UC	CONDUIT, UNDERGROUND
3 0 0 0	CONTRO			LFILL_P	FILL LIMIT	0 0	RGP_P	GUIDE POST	teritological contration and an artifacture of the contration and an artifacture and an artifacture and artifa	UCH .	CONDUIT, HANGING
***************************************	СВ	BASELINE	XXX	LFNC	FENCE		RGW	GUIDE RAIL, W BEAM	· vocamentations are arrangement. (XX arrangementation of the	uco	CONDUIT, OVERHEAD
***************************************	CBPR	BASELINE, PROJECTION	**********	LTRC	TREE ROW, CONIFEROUS	N N	RGWM	GUIDE RAIL, W BEAM, MEDIAN	3	UE	ELECTRIC LINE, UNDERGROUND
***************************************	DRAINAG		000000000	LTRD	TREE ROW, DECIDUOUS		RPB	PARKING BUMPER	- Activities and proper principles Fig. and proper principal properties	UEH	ELECTRIC LINE, HANGING
Announce of Announce and S. T. enter the sound in Section 1	DCP	CIL VERT PIPE		LWH	WALL, H PILE	O	RRC	RAIL ROAD, CATENARY	OE	UEO	ELECTRIC LINE, OVERHEAD ELECTRIC TRANSMISSION, OVERHEAD
annonnon annon aranna de indiga - sensanona annon	DCP_P	CULVERT PIPE (DIR)		LWR	WALL, RETAINING		RRER	RAIL ROAD, 3RD RAIL	——————————————————————————————————————	UESS	ELECTRIC, SUBSTATIONS
277	-			LWS	WALL, STONE	1111111	RRPLS_P	RAIL, PHOTO, LARGE SCALE	F0	UFO	FIBER OPTIC, UNDERGROUND
	DDG_P	DITCH, GRASS LINED		OW MAPE		█	MRFL3_F	MAIL, FRUTU, LANGE SCALE]FO[UFOH	FIBER OPTIC. HANGING
	DDP_P	DITCH, PAVED INVERT		TMOL	DEED LINE		RRPSS	RAIL, PHOTO, SMALL SCALE	P 01.	UFOO	FIBER OPTIC, OVERHEAD
			PE	MEE	EASEMENT, EXISTING		RRS	RUMBLE STRIP		UG	GAS, UNDERGROUND
	DDS_P	DITCH, STONE LINED		MEP_P	EASEMENT, PERMANENT	111111	RRSLS_P	RAIL, SURVEY, LARGE SCALE		UGH	GAS, HANGING
	DFL_P	FLOW LINE		MEPA_P	EASEMENT, PERMANENT, APPROX.		RRSSS	RAIL, SURVEY, SMALL SCALE		UGO	GAS, OVERHEAD
	OSSO	SLOTTED DRAIN		MET_P	EASEMENT, TEMPORARY		SIGNS		06	Tuic -	INFORM CABLE, UNDERGROUND
cumplete tarcontel-cumulitae (Camplete - Academicales) electric	DUD_P	UNDERDRAIN	- ATE	META_P	EASEMENT. TEMPORARY, APPROX.	4	SBLB	BILLBOARDS	очения оператольности то в в в в политический в в в в в в в в в в в в в в в в в в в	NICH OTC	INFORM CABLE, HANGING
E	NVIRONME	NTAL	FEE	MF_P	FEE ACQUISITION, W/ ACCESS	8 B B	SM	MULTIPLE POST		UO UAGN	
*****	ECT	CURTAIN, TURBIDITY		MFA_P	FEE ACQUISITION, APPROXIMATE	_ == == == 6	SSO	STRUCTURE, OVERHEAD	0	 	OIL LINE, UNDERGROUND
000000	EDMC	DAM, COFFER		MFS_P	FEE ACQUISITION, SHAPE	<u> </u>	SSOC	STRUCTURE, OVHD. CANTILEVER		UPBP	OIL LINE, HANGING POLE. BRACE, PUSH BRACE
	EDMEC_P	DAM, EARTHEN CHECK	FEE W/OA	MFWOA_P	FEE ACQUISITION, W/O ACCESS		STRIPIN	lG	Entered south and the second s	UPGW	POLE, GUY WIRE
				MHA	HISTORICAL, ACQUISITION		STB*	BROKEN LINE	Section and the section and th	USA	SANITARY SEWER, LANDERGROUND
	EDMGSC_F	DAM, GRAVEL BAG/SAND BAG CHECK	на населения на НВ инстициональной на	MHB	HIGHWAY BOUNDARY		STDB*	DOUBLE BROKEN LINE		USAH	
	EDMPC_P	DAM, PREFABRICATED CHECK	ъ политическа АНВ политическа —	MHBA	HIGHWAY BOUNDARY, APPROX.	**************************************	STDL+	DOTTED LINE LONG	ta aurigio (granista esta esta esta esta esta esta esta e	USAF	SANITARY SEWER, HANGING SANITARY SEWER, FORCE MAIN, UGND
				MHBW	HWY BOUNDARY, FACE OF WALL		STDS*	DOTTED LINE SHORT	**************************************	USAFH	SANITARY SEWER, FORCE MAIN, HANG
	EDMSC_P	DAM, STONE CHECK	——————————————————————————————————————	MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS		STFB•	FULL BARRIER LINE	Commence of the Commence of th	บา	TELEPHONE, UNDERGROUND
	EFNS	FENCE, SILT	110 87 0A	MJC	JURISDICTION, CITY		STH•	HATCH LINE		UTH	TELEPHONE, HANGING
	EFNSV	FENCE, SILT & VEGETATION		MJCY	JURISDICTION, COUNTY		STPB•	PARTIAL BARRIER LINE	Andread Contraction Contraction Of Contraction Contraction Contraction	UTO	TELEPHONE, OVERHEAD
	EFNV	FENCE, VEGETATION	MANAGEMENT AND	MJHD	JURISDICTION, HISTORIC DISTRICT		STRCT	ROUNDABOUT, CAT TRACKS		UTV	CABLE TY, UNDERGROUND
	ESFL	FILTER, SEDIMENT LOG		MJLL	JURIS., (GREAT, MILITARY) LOT LINE	***	STRYL	ROUNDABOUT, YIELD LINE	- CTV	UTVH	CABLE TV, HANGING
A	EWAA_P	WETLAND, ADJACENT AREA	THE STATE OF THE S	MJN	JURISDICTION, NATION	4 1 1 1 1 1 1	STSB	STOP BAR	AND		CABLE TV. OVERHEAD
	EWF	WETLAND, FEDERAL	WARRANTON TO THE	MJPB	JURISDICTION, PUBLIC LANDS		STSE.	SOLID. EDGE		UTVO	
	EWFS	WETLAND, FEDERAL AND STATE		MJS	JURISDICTION, STATE		1		venicalization and the second and th	UA)	UNKNOWN, UNDERGROUND
SW	EWM	WETLAND, MITIGATION AREA		MJT	JURISDICTION, TOWN		STXL	X WALK, LADDER LINE	To be the	LAN:	LINKNOWN, HANGING
SW	EWS	WETLAND, STATE		MJV	JURISDICTION, VILLAGE		STXLB	X WALK, LADDER BAR LINE	exercise consistence in a consistence of the constitution of the c	UUO	UNKNOWN, OVERHEAD
				MPL	PROPERTY LOT LINE		<u> </u>	* = W (WHITE) OR Y (YELLOW)	**************************************	UW	WATER LINE, UNDERGROUND
				MPLA	PROPERTY LOT LINE, APPROXIMATE	TRA	FFIC CO		- M	UWH	WATER LINE, HANGING
				MI LA	THOUGHT LOT LINE, MITHOMINATE	<u> </u>	T ====	·	- 0%	UWO	WATER LINE, OVERHEAD

MSL

SUB LOT LINE

SIGNAL, SPAN WIRE

- 1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
- FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
- 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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LIMIT

2R PAVING PROJECT
THURBER STREET TO CITY LIMIT
CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT ND: 119.429.001
DATE: JANUARY 2025
DRAWN BY: DJB
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> LEGEND LINES

> > 3 of 241

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	, will a	OINV	INVERT	< <tr> ♦</tr>	IANT_P	ANTENNAS	Ø	MOL1P	DEED LINE, TYPE 1	-	S	SINGLE POST	Ø	UEB	ELECTRIC, BOX
+	ACOGO	COGO	(Administration)	DS	STRUCTURE, RECTANGULAR	(AID)	IASCTS	ACCOU. SPEED/COUNT SNSR.S	0	MDL2P	DEED LINE, TYPE 2	þ	S_P	SINGLE POST, PROPOSED	E	UEM	ELECTRIC, METER
0	ACS	CURVE TO SPIRAL	Lincoln	DSI	STRUCTURE, INVERT	凹	ICABPAD	CABINET & PAD	3	MDL3P	DEED LINE, TYPE 3	İΉ	SB_P	BACK TO BACK, PROPOSED	0	UEMH	ELECTRIC, MANHOLE
Δ	ADPI_P	DETOUR, POINT OF INTERSECT.	(2XX)	-	 		ICCTV	CCTV SITE	€	MDL4P	DEED LINE, TYPE 4	1-:-	SDEL	DELINEATORS	⊕	UEPT	ELECTRIC, POLE, TRANS.
0	ADPL_P	DETOUR, POINT ON LINE	(689)	DSM	STRUCTURE, MANHOLE)(CDPO)(ICOPO	CDPD TRANSCEIVER	6	MDL5P	DEED LINE, TYPE 5	₩	SPM	PARKING METER	G	UGM	GAS. METER
0	AEQN	EQUATION	8	OSMTXX.P	STRUCTURE, MANHOLE, TYPE "XX"	*	ICELLT	CELL PHONE TOWER	0	MEEP	EASEMENT, EXISTING	BEM	SRM	REFERENCE MARKERS	(G)	UGMH	GAS. MANHOLE
(A)	AEQNAHD	EQUATION AHEAD	- (A)	2.00	"XX" = 48, 60, 72, 96		ICJB	CONDUIT JACK OR BORING	0	MEPAP_P	EASEMENT, PERM., APPROX.	10	SRSC3	SHLD, CTY, 123 DIG.		UGLM	GAS. LINE MARKER
8	AEQNBK	EQUATION BACK		DSR	STRUCTURE, ROUND		ICNTLCAB	CONTROLLER CABINET	ő	MEPP_P	EASEMENT, PERM., BACK LINE	18	SRSC4	SHLD, CTY, 4 DIG.	FA	UGP	GAS/FUEL PUMP
0	AEVT	EVENT STATION		DST"X"CB_	STRUCTURE, RECT., WITH CURB		ICPB	COMMUNICATION PULL BOX	0	MEPSP_P	EASEMENT, PERM., SHAPE	0	SRSCT2	SHLD, CTY TOUR, 1-2 DIG.	∞	nea	GAS, VALVE
0	APC	POINT OF CURVATURE			"X" = F, G, N, D, P, R		ICTD	CONDUIT TURNING DOWN	4	MFAP_P	FEE ACQUISITION, APPROX.		SRSCT4	SHLD, CTY TOUR, 3-4 DIG.	839	UGVT	GAS, VENT
0	APCC	POINT OF COMPOUND CURVATURE		OST"X"_P	STRUCTURE, RECT., TYPE "X" "X" = 1, K, L, W, O, P, U	-0	істи	CONDUIT TURNING UP	ŏ	MFP_P	FEE ACQUISITION, BACK LINE	18	SRSI	SHLD. INTERSTATE	<u>⊙</u>	ULP	LIGHTING, POLE
	API	POINT OF INTERSECTION		1	1	×××	ICVTRT	COMM. VEH. ROAD TRANSCEIVER	•	MFSP_P	FEE ACQUISITION, SHAPE	ŏ	SRSN2	SHLD, NATIONAL, 2 DIG.	0 ⊕	ULPM	LIGHTING, POLE, MEDIAN
	APOB	POINT OF BEGINNING		EN	VIRONMENTAL	1	IDEFAULT	DEFAULT	×	MHBAP	HIGHWAY BNDRY., APPROX.	ð	SRSN3	SHLD, NATIONAL, 3 DIG.	100	ULPP	LIGHTING, POLE, PED.
0	APOC	POINT OF CURVATURE	CULV	EIOP_P	STR., INLET, OUTLET PROT.	EZ	IEZR	E-ZPASS READER	<u> </u>	MHBCP	HISTORICAL, BLDG, CORNERS	1 ~	SRSS2	SHLD, STATE, 2 DIG.		UMFC	WISC. FILLER CAP
	APOE	POINT OF END	<u> </u>			+	IEZTR	TRANSMITTAL READER	×	MHBP	HIGHWAY BNDRY, PT.	봉	SRSS3	SHLD, STATE, 3 DIG.	-0>-	UOLM	OIL, LINE MARKER
	APOL	POINT ON LINE	(B)	EIPGB_P	STR., INLET PROT., GRAVEL BAG	EZ-T	 		<u>*</u>			8	SRSS4	SHLD, STATE, 4 DIG.	-0-	Up.	POLE. WITH UTILITY
0	APOS	POINT ON SPIRAL	(FL)	EIPEFL_P	STR., INLET PROT., FILTER LOG		IFOXCAB	FIBER OPTIC X-CONNECT CABINET	®	MPBC	PT., JURIS. CITY PT., BUILDING CORNER	12			0	UPD	POLE, DEAD (NO UTILITY)
0	APOT	POINT ON TANGENT					IFUSSPL	FUSION SPLICE	+			- TRA		FFIC CONTROL		_	
<u> </u>	APOVC	POINT ON VERTICAL CURVE	PRFB	EIPP_P	STR., INLET PROT., PREFAB.	88	IHARADV	HAR ADVISORY SIGN	8	MPCC	PT., CROSS CUT		TCBJ	BOX, JUNCTION	<u> </u>	UPL	POLE, WITH LIGHT SANITARY SEWER MANHOLE
	APOVE		(\$F)	EIPSF_P	STR., INLET PROT., SILT FENCE	<u>一</u> 図図	IHARST	HAR SITE	1	MPDH	PT., DRILL HOLE		TCBP	BOX, PULL BOX	<u> </u>	USMH	
Δ.	APORC	POINT ON VERTICAL TANGENT				LC.	ILC	LOAD CENTER	*	MPF	PT., FENCE LOCATION		TCBS	BOX, SPLICE		UTB	TELEPHONE, BOOTH
		POINT ON REVERSE CURVE	Ш	ERCB	RISER, CONCRETE BOX	[EI] 22	IMECSPL.	MECHANICAL SPLICE		MPIP	PT., IRON PIPE		тсмс	MICROCOMPUTER CABINET		UTLM	TELEPHONE, LINE MARKER
0	APT	POINT OF TANGENCY	\triangle	ETRS_P	TRAP, SEDIMENT		IMSCS	PORT. SPEED & COUNT SENSOR		MPIR	PT., IRON ROD	Q	TCPP	PED POLE	0	UTMH	TELEPHONE, MANHOLE
(0)	APVC	POINT OF VERTICAL CURVATURE	+	EWFG	WETLAND FLAG		IMSCTS	MICRO SPEED & COUNT SENSOR		MPM	PT., MONUMENT	1	TCSH	SIGNAL HEADS	-\$-	UTVLM	CABLE TV, LINE MARKER
<u> </u>	APVCC	POINT OF VERT. CMPND CURVE		CE	OTECHNICAL	<u> :₩:</u>	IMT	MICROWAVE TRANSCEIVER		MPMM	PT., MONUMENT, MISC.	0	TCSP	SIGNAL POLE		UTVPB	CABLE TV, PULL BOX
<u> </u>	APVI	POINT OF VERT. INTERSECTION				OLYMS	IOVHVMS	PERM. OVERHEAD VMS	X MPN PT., NAIL		TRAFFIC WORK ZONE			UUB	UMKNOWN, BOX		
<u> </u>	APVRC	POINT OF VERT. REVERSE CURVE	0	GDH	DRILL HOLE		IPASCS	PORT. ACCOU. SPD & CNT. SENSOR	英 MPRS PT., RAILROAD SPIKE					Ø	UUJ8	LANKNOWN, JUNCTION BOX	
(e)	APVT	POINT OF VERTICAL TANGENCY		!	LANDSCAPE	<u> </u>	IPEDS	PEDESTRIAN SIGNAL HEAD		MPSP	PT., SPIKE		TWZAP_P	ARROW PANEL	8	UUMH	UNKNOWN, MANHOLE
9	ASC	SPIRAL TO CURVE	+	LELS	ELEVATION, SPOT		IPSS	PAVEMENT SURFACE SENSOR	*	MPST	PT., STAKE	ļ	TWZAPC_P	ARROW PANEL, CAUTION MODE		UUPB	LAKKNOWN, PULL BOX
	ASPI	SPIRAL POINT OF INTERSECTION	6	LFP	FLAG POLE	PVMS	IPVMS	PERM. VMS	8	MPTW	PT., TREE W/ WIRE	999	TWZAPT_P	ARROW PANEL, TRAILER OR SUPPORT		UUVL	UNIX NOWN, VALVE
0	ASTS	SPIRAL TO SPIRAL		LMB	MAILBOX		IRM	RAMP METER	+	MPWL	PT., WALL LOCATION	ZZZ	TWZBCD_P	BARRICADE (TYPE III)	00	UUVT	UAKNOWN, VENT
8	AST	SPIRAL TO TANGENT		LPB	PAPER BOX	A RWIS	IRWIS	RDWY WEATHER INFO. SENSOR	1	RO	W ACQUISITION		TWZCMS_P		0	(N)#	UNKNOWN, WELL
8	ATS	TANGENT TO SPIRAL	0	LPST	POST, SINGLE	<u> </u>	ISP	SOLAR PANEL	(A)	MECHT	CCE ACONICITION		+	FLAGGER	a	UWFH	WATER, FIRE HYDRANT
Δ	AVEVT	VERTICAL EVENT POINT	©	LRB	ROCK, BOULDER	:(\$):	ISST	SPREAD SPECT. TRANSCEIVER	1	MF 5_P_1	FEE ACQUISITION	Y	TWZFT_P	FLAG TREE		UWM	WATER, METER
0	AVHIGH	VERTICAL HIGH POINT	米	LSHC	SHRUB, CONIFEROUS	Trc	ITOB	TELEPHONE DEMARCATION BLK	↓	MEPS_P_T	EASEMENT, PERMANENT		TWZIA_P	IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY)	(8)	UWMH	WATER, MANHOLE
0	AVLO₩	VERTICAL LOW POINT	(2)	LSHD	SHRUB, DECIDUOUS	O _{TP}	ITP	SUBSURFACE TEMP. PROBE				•	TWZLUM_P	LUMINAIRE (TEMPORARY)	-0-	NAA	WATER, VALVE
		BRIDGE	*	LTC	TREE, CONIFEROUS	Ж	IVTRT	VEHICLE TO RDWY TRANSCEIVER	LIE.	METS_P_T	EASEMENT, TEMPORARY	=>	TWZSDT_P	SYMBOL, DIRECTION OF TRAFFIC	0	UMM	WATER, WELL
	BSC	BRIDGE, SCUPPER	(%)	LTD	TREE. DECIDUOUS	WIN	DMIWI	WEIGHT IN MOTION DETECTOR		METS_P_T	OCCUPANCY, TEMPORARY	<u></u>	TWZSDTD_I	SYMBOL, DIRECTION OF TEMPORARY TRAFFIC DETOUR			
			ر <u>ب</u> ن	LTS	TREE, STUMP) jegi	IWVR	WIRELESS VIDEO REPEATER				F	TWZSGN_P				
		CONTROL	Ø	LTW_P	TREE, WELL OR WALL	⊕ ←	IWVRC	WIRELESS VIDEO RECEIVER	FEE WO/	MFS_P_T	FEE ACQUISITION W/O ACCESS	0-	TWZSIG_P	SIGNAL, TRAFFIC OR PEDESTRIAN (TEMPORARY)			
Δ	CBP	BASELINE, POINT		LUKP	UNKNOWN POINT	;₩:	IWVTT	WIRELESS VIDEO TRANSMITTER]		ROADWAY	ದಿ	TWZWL_P	WARNING LIGHT			
0	CBPOL	BASELINE, POINT ON LINE	+	LUKF	OWWANT LOTAL	J			0	RES_P	ELEVATION, SPOT	MAI 13	TWZWV_P	WORK VEHICLE			
0	CBSP	BASELINE, SPUR POINT		THE LEA	END THE HOTDATES MADDING SEL	דווסרכ יר	VICTING AND	DDADACEN		RGA	GUIDE RAIL, ANCHOR		TWZWVA_P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR]		
⟨₹	СВТР	BASELINE, TIE POINT			END ILLUSTRATES MAPPING FEA				0	RGP	GUIDE POST, SINGLE						
·	СРВМ	BENCHMARK	2.		S ARE SHOWN AS EITHER LINEAR (, UTILITY LINES, ETC.) OR POIN					Inur	OGINE FOST, SINGLE	J					
.4	СРН	POINT, HORIZ, PHOTOGRAMMETRY		OADE HALF	TOTALLE CHICAGO LIGHT ON FOR	., 131014	,	was to the same									

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CPH

CPSM

CPSV

POINT, HORIZ. PHOTOGRAMMETRY

POINT, SURVEY MARKER, PERM.

POINT, VERT., PHOTOGRAMMETRY

3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.

 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).

 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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2R PAVING PROJECT
THURBER STREET TO CITY LIMIT
CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO:	119.429.001
DATE:	JANUARY 2025
DRAWN BY:	DJB
DESIGNED BY:	DJB
CHECKED BY:	DOS
	N PERMITTED HEREON

CHECKED BY: DUS

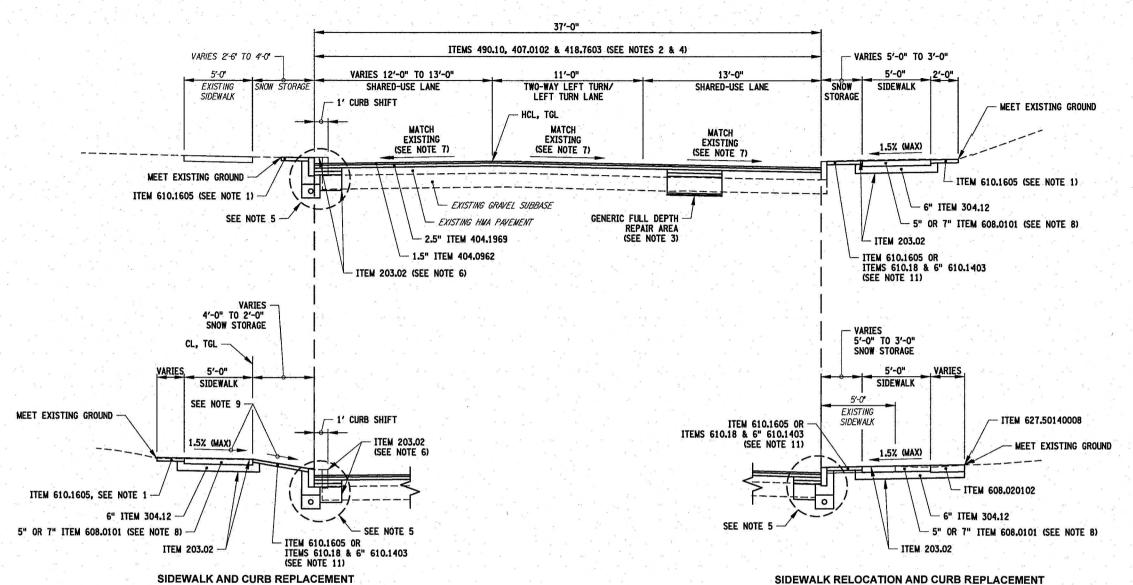
NO ALTERATION PERMITTED HEREON
EXCEPT AS PROVIDED UNDER SECTION
7209 SUBDIVISION 2 OF THE NEW YORK
EDUCATION LAW

LEGEND POINTS

LEG-02

r:\roject\iii = city or :

4 of 241 Copyright



SEE NOTES 1 & 5

HCL STA 10+23 TO 36+46

EAST BRIGHTON AVENUE TWO-COURSE MILL & OVERLAY NOT TO SCALE

ITEM NO.	DESCRIPTION	UNIT OF PAYMENT	NO
203.02 304.12 404.0962 404.1969 407.0102 418.7603 490.10 608.0101 608.020102 609.0212 610.1605 627.50140008	UNCLASSIFIED EXCAVATION & DISPOSAL SUBBASE COURSE, TYPE 2 9.5 F2 TOP COURSE WMA, 60 SERIES COMPACTION 19 F9 BINDER COURSE WMA, 60 SERIES COMPACTION DILUTED TACK COAT ASPHALT PAVEMENT JOINT ADHESIVE PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE CONCRETE SIDEWALKS AND DRIVEWAYS HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS STONE CURB NEAR VERTICAL FACE (NVF) TURF ESTABLISHMENT - PERFORMANCE CUTTING PAVEMENT	CY CY TON TON GAL LF SY CY TON LF SY LF	1. RESTORATION OF DISTURBED AREAS BEHIND NEW CURB AND SIDEWALK SHALL BE AS FOLLOWS: • LAWN AREAS: USE ITEM 610.1605 WITH 4" OF TOPSOIL (2' WIDTH OR AOBE) • ASPHALT DRIVEWAYS: SEE HMA DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND DRIVEWAY TABLE ON DWG DWT-01 TO 03 FOR REPLACEMENT LOCATIONS AND LIMITS. • CONCRETE SIDEWALKS AND DRIVEWAY APRONS: SEE CONCRETE SIDEWALK AND DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND CONCRETE SIDEWALK TABLE ON DWG MST-05 TO 06 FOR REPLACEMENT LOCATIONS AND LIMITS. 2. DILUTED TACK COAT (ITEM 407.0102) SHALL BE USED ON MILLED SURFACES, EXISTING WMA PAVEMENT AND BETWEEN ALL LIFTS OF NEW WMA PAVEMENT AS WELL AS ON VERTICAL FACES FOR ALL WMA COURSES EXCEPT THE WMA TOP COURSE. ASPHALT PAVEMENT JOINT ADHESIVE (ITEM 418.7603) SHALL BE USED ON VERTICAL FACES FOR ALL JOINTS IN THE WMA TOP COURSE, INCLUDING CURBS AND DRAINAGE STRUCTURES.
			3. SEE PRP DWGS FOR LOCATIONS OF FULL DEPTH PAVEMENT REPAIRS AND DETAIL ON DWG MSD-01.
			4. MILL EXISTING PAVEMENT TO A DEPTH OF 4".

SEE NOTES 1,5 & 9

- SEE DWG MSD-01 FOR TYPICAL GRANITE CURB RESET OR REPLACEMENT WITH UNDERDRAIN INSTALLATION DETAIL. SEE DWG MST-03 TO MST-04 FOR NEW CURB AND ISOLATED REPLACEMENT LOCATIONS.
- 6. REMOVE AND DISPOSE OF EXISTING CURB, UNDERDRAIN, UNDERDRAIN FILTER AND SUBBASE AS REQUIRED TO WIDEN ROAD. COST TO BE INCLUDED UNDER ITEM 203.02.
- 7. SEE PRO DWGS FOR ROADWAY PROFILE AND BANKING DIAGRAMS.
- CONCRETE SIDEWALKS SHALL HAVE A THICKNESS OF 5" EXCEPT AT DRIVEWAYS AND AREAS ADJACENT TO INTERSECTION CORNER RADII IT SHALL HAVE A THICKNESS OF 7".
- 9. SIDEWALK AND SNOW STORAGE CROSS SLOPE VARIES. SEE SIDEWALK A & B PROFILES ON DWGS PRO-28 TO PRO-32. REMAINING SIDEWALKS SHOULD HAVE A SNOW STORAGE CROSS SLOPE OF 1.5%.
- 10. SEED MIX FOR ITEM 610.1605 TURF ESTABLISHMENT PERFORMANCE SHALL BE LAWN SEED. A MINIMUM OF 4" OF TOPSOIL SHALL BE PLACE AND THE COST SHALL BE INCLUDED UNDER THE ITEM 610.1605.
- 11. ESTABLISHING TURF IN SNOW STORAGE AREAS WITH A WIDTH LESS THAN OR EQUAL TO 3 FT. SHALL USE ITEMS 610.18 (SODDING) AND 6" ITEM 610.1403 (TOPSOIL - LAWNS) TO ESTABLISH TURF.



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AVENUE

EAST BRIGHTON AVENUI 2R PAVING PROJECT THURBER STREET TO CITY LIMIT

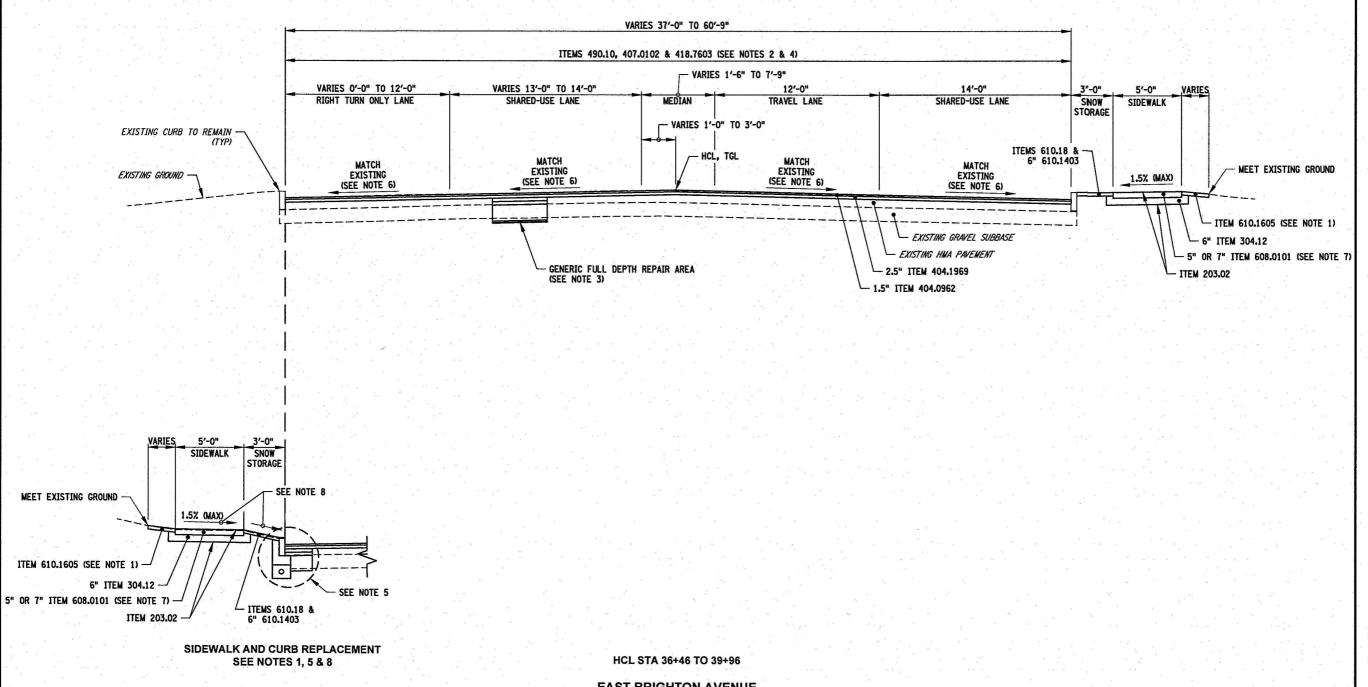
MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 JANUARY 2025 DATE: DRAWN BY: LJM DESIGNED BY: DJB CHECKED BY: DOS

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

TYPICAL SECTION

TYP-01



EAST BRIGHTON AVENUE TWO-COURSE MILL & OVERLAY NOT TO SCALE

ITEM NO.	DESCRIPTION	PAYMENT		NOTE	ES
203.02 304.12 404.0962 404.1969 407.0102 418.7603 490.10 608.0101 609.0212 610.1605	UNCLASSIFIED EXCAVATION & DISPOSAL SUBBASE COURSE, TYPE 2 9.5 F2 TOP COURSE WMA, 60 SERIES COMPACTION 19 F9 BINDER COURSE WMA, 60 SERIES COMPACTION DILUTED TACK COAT ASPHALT PAVEMENT JOINT ADHESIVE PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE CONCRETE SIDEWALKS AND DRIVEWAYS STONE CURB NEAR VERTICAL FACE (NVF) TURF ESTABLISHMENT - PERFORMANCE	CY CY TON TON GAL LF SY CY LF SY	1. RESTORATION OF DISTURBED AREAS BEHIND NEW CURB AND SIDEWALK SHALL BE AS FOLLOWS: **LAWN AREAS: USE ITEM 610.1605 WITH 4" OF TOPSOIL (2' WIDTH OR AOBE) **ASPHALT DRIVEWAYS: SEE HMA DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND DRIVEWAY TABLE ON DWG DWT-01 TO 03 FOR REPLACEMENT LOCATIONS AND LIMITS. **CONCRETE SIDEWALKS AND DRIVEWAY APRONS: SEE CONCRETE SIDEWALK AND DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND CONCRETE SIDEWALK TABLE ON DWG MST-05 TO 06 FOR REPLACEMENT LOCATIONS AND LIMITS. 2. DILUTED TACK COAT (ITEM 407.0102) SHALL BE USED ON MILLED SURFACES, EXISTING WMA PAVEMENT AND BETWEEN ALL LIFTS OF NEW WMA PAVEMENT AS WELL AS ON VERTICAL FACES FOR ALL WMA COURSES EXCEPT THE WMA TOP COURSE. ASPHALT PAVEMENT JOINT ADHESIVE (ITEM 418.7603) SHALL BE USED ON VERTICAL FACES FOR ALL JOINTS IN THE WMA TOP COURSE, INCLUDING CURBS AND DRAINAGE STRUCTURES.	5. 6. 7. 8.	SEE DW INSTAL LOCATI SEE PR CONCRE ADJACE SIDEWA PRO-28 SEED M 4" OF
			3. SEE PRP DWGS FOR LOCATIONS OF FULL DEPTH PAVEMENT REPAIRS AND DETAIL ON DWG MSD-01.		
			4. MILL EXISTING PAVEMENT TO A DEPTH OF 4".		

UNIT OF

- SEE DWG MSD-01 FOR TYPICAL GRANITE CURB RESET OR REPLACEMENT WITH UNDERDRAIN INSTALLATION DETAIL. SEE DWG MST-03 TO MST-04 FOR NEW CURB AND ISOLATED REPLACEMENT LOCATIONS.
- 6. SEE PRO DWGS FOR ROADWAY PROFILE AND BANKING DIAGRAMS.
- 7. CONCRETE SIDEWALKS SHALL HAVE A THICKNESS OF 5" EXCEPT AT DRIVEWAYS AND AREAS ADJACENT TO INTERSECTION CORNER RADII IT SHALL HAVE A THICKNESS OF 7".
- SIDEWALK AND SNOW STORAGE CROSS SLOPE VARIES. SEE SIDEWALK A & B PROFILES ON DWGS PRO-28 TO PRO-32. REMAINING SIDEWALKS SHOULD HAVE A SNOW STORAGE CROSS SLOPE OF 1.5%.
- SEED MIX FOR ITEM 610.1605 TURF ESTABLISHMENT PERFORMANCE SHALL BE LAWN SEED. A MINIMUM OF 4" OF TOPSOIL SHALL BE PLACE AND THE COST SHALL BE INCLUDED UNDER THE ITEM 610.1605.

COMPANIES

C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667

1/9/2025

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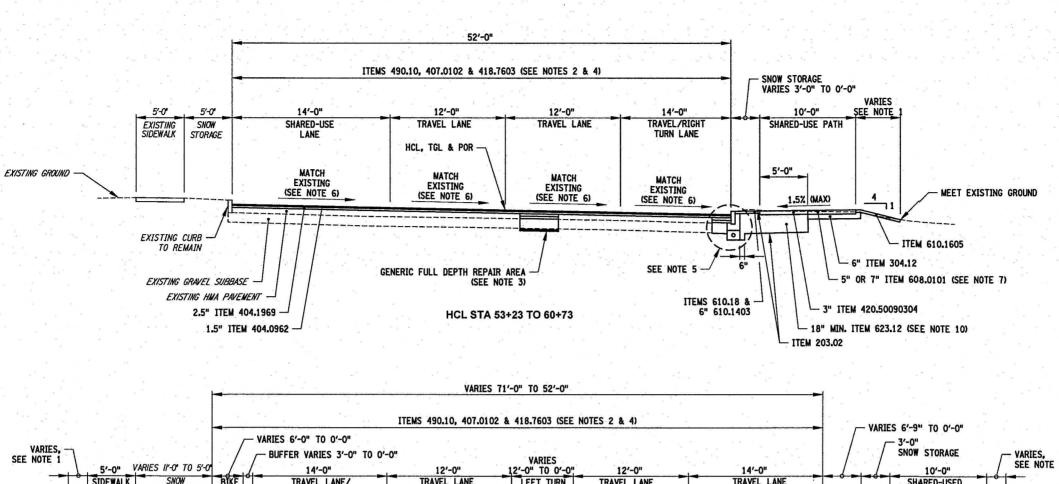
EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT
CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

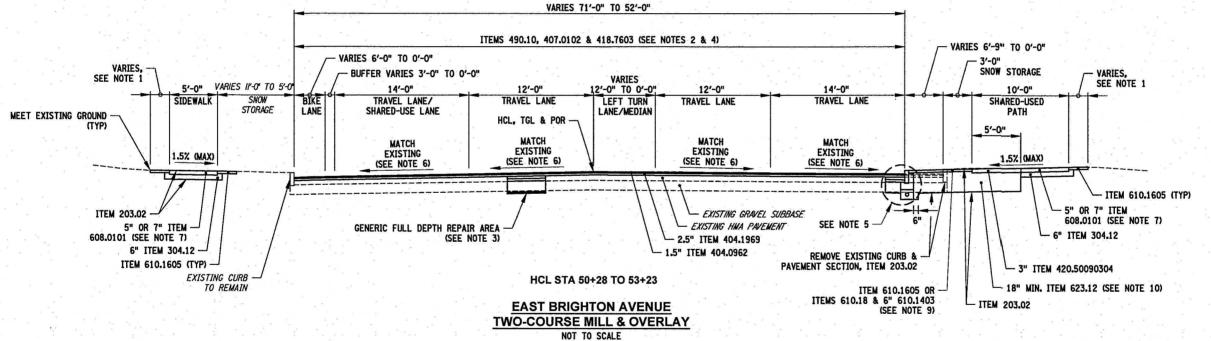
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NO ALTERATION PERMITTED HEREON
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7209 SUBDIVISION 2 OF THE NEW YORK
EDUCATION LAW

TYPICAL SECTION

TYP-02

6 of 241





ITEM NO.	DESCRIPTION	UNIT OF PAYMENT		NOTES
203.02 304.12 404.0962 404.1969 407.0102 418.7603 420.50090304 490.10 608.0101 609.0212 610.1605 623.12	UNCLASSIFIED EXCAVATION & DISPOSAL SUBBASE COURSE, TYPE 2 9.5 F2 TOP COURSE WMA, 60 SERIES COMPACTION 19 F9 BINDER COURSE WMA, 60 SERIES COMPACTION DILUTED TACK COAT ASPHALT PAVEMENT JOINT ADHESIVE TOP COURSE POROUS ASPHALT PAVEMENT F9 PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE CONCRETE SIDEWALKS AND DRIVEWAYS STONE CURB NEAR VERTICAL FACE (NVF) TURF ESTABLISHMENT - PERFORMANCE CRUSHED STONE (IN-PLACE MEASURE)	CY CY TON TON GAL LF TON SY CY LF SY CY	1. RESTORATION OF DISTURBED AREAS BEHIND NEW CURB AND SIDEWALK SHALL BE AS FOLLOWS: • LAWN AREAS: USE ITEM 610.1605 WITH 4" OF TOPSOIL (2' WIDTH OR AOBE) • ASPHALT DRIVEWAYS: SEE HHAD DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND DRIVEWAY TABLE ON DWG DWT-01 TO 03 FOR REPLACEMENT LOCATIONS AND LIMITS. • CONCRETE SIDEWALKS AND DRIVEWAY APRONS: SEE CONCRETE SIDEWALK AND DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND CONCRETE SIDEWALK TABLE ON DWG MST-05 TO 06 FOR REPLACEMENT LOCATIONS AND LIMITS. 2. DILUTED TACK COAT (ITEM 407.0102) SHALL BE USED ON MILLED SURFACES, EXISTING WMA PAVEMENT AND BETWEEN ALL LIFTS OF NEW WMA PAVEMENT AS WELL AS ON VERTICAL FACES FOR ALL WMA COURSES EXCEPT THE WMA TOP COURSE. ASPHALT PAVEMENT JOINT ADHESIVE (ITEM 418.7603) SHALL BE USED ON VERTICAL FACES FOR ALL JOINTS IN THE WMA TOP COURSE, INCLUDING CURBS AND DRAINAGE STRUCTURES.	5. SI IN LO G. SI 7. CC AI AI 4" 9. ES IT
* a			3. SEE PRP DWGS FOR LOCATIONS OF FULL DEPTH PAVEMENT REPAIRS AND DETAIL ON DWG MSD-01.	10. CF
			4. MILL EXISTING PAVEMENT TO A DEPTH OF 4".	

- SEE DWG MSD-01 FOR TYPICAL GRANITE CURB RESET OR REPLACEMENT WITH UNDERDRAIN INSTALLATION DETAIL. SEE DWG MST-03 TO MST-04 FOR NEW CURB AND ISOLATED REPLACEMENT LOCATIONS.
- 6. SEE PRO DWGS FOR ROADWAY PROFILE AND BANKING DIAGRAMS.
- . CONCRETE SIDEWALKS SHALL HAVE A THICKNESS OF 5" EXCEPT AT DRIVEWAYS AND AREAS ADJACENT TO INTERSECTION CORNER RADII IT SHALL HAVE A THICKNESS OF 7".
- 8. SEED MIX FOR ITEM 610.1605 TURF ESTABLISHMENT PERFORMANCE SHALL BE LAWN SEED. A MINIMUM OF 4" OF TOPSOIL SHALL BE PLACE AND THE COST SHALL BE INCLUDED UNDER THE ITEM 610.1605.
- ESTABLISHING TURF IN SNOW STORAGE AREAS WITH A WIDTH LESS THAN OR EQUAL TO 3 FT. SHALL USE ITEMS 610.18 (SODDING) AND 6" ITEM 610.1403 (TOPSOIL - LAWNS) TO ESTABLISH TURF.
- 10. CRUSHED STONE (IN-PLACE MEASURE) SHALL BE *2 STONE.



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1/9/2025





EAST BRIGHTON AVENUI
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT
CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001

DATE: JANUARY 2025

DRAWN BY: DJB

DESIGNED BY: DJB

CHECKED BY: DOS

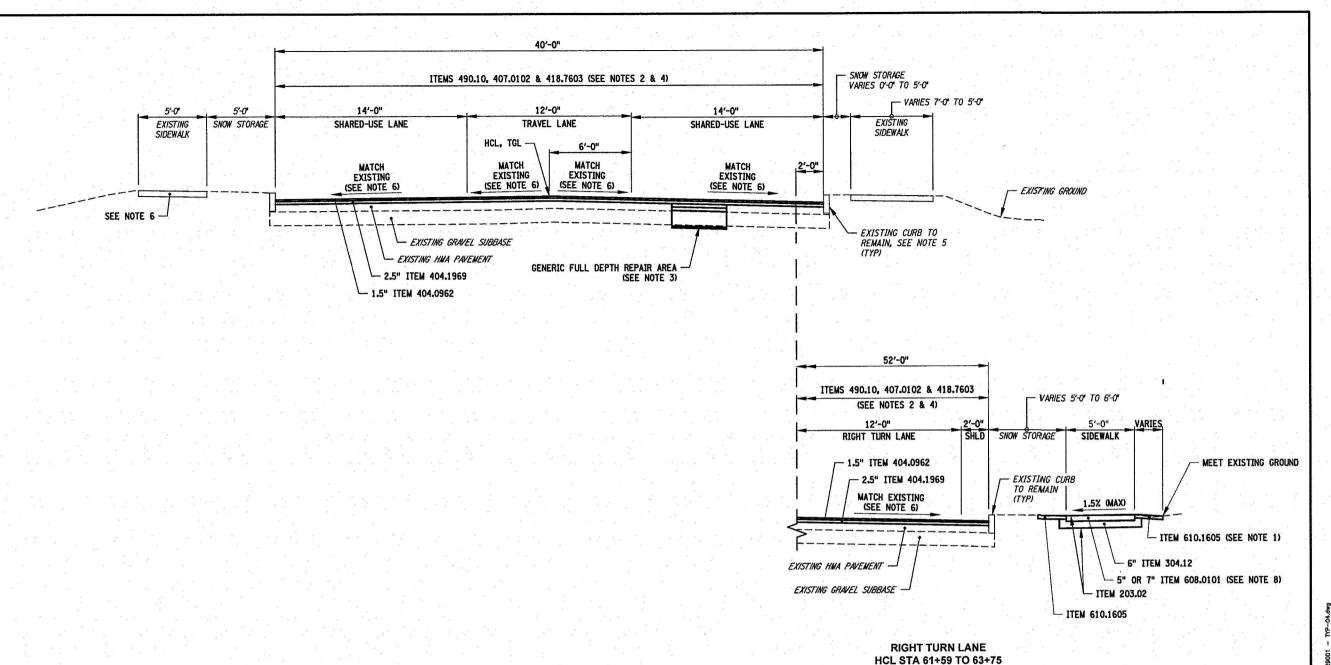
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EXCEPT AS PROVIDED UNDER SECTION
7209 SUBDIVISION 2 OF THE NEW YORI
EDUCATION LAW

TYPICAL SECTION

TYP-03

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:\Project\119 - City of Syracuse\1



HCL STA 60+73 TO 63+78

EAST SENECA TURNPIKE TWO-COURSE MILL & OVERLAY NOT TO SCALE

RESTORATION OF DISTURBED AREAS BEHIND NEW CURB AND SIDEWALK SHALL BE AS FOLLOWS: GAL · LAWN AREAS: USE ITEM 610.1605 WITH 4" OF TOPSOIL (2' WIDTH OR AOBE) • ASPHALT DRIVEWAYS: SEE HMA DRIVEWAY DETAIL ON DWG MSD-O2. SEE PLN DWGS AND DRIVEWAY TABLE ON DWG DWT-O1 TO 03 FOR REPLACEMENT LOCATIONS AND LIMITS.
• CONCRETE SIDEWALKS AND DRIVEWAY APRONS: SEE CONCRETE SIDEWALK AND DRIVEWAY DETAIL ON DWG SY CY LF MSD-02. SEE PLN DWGS AND CONCRETE SIDEWALK TABLE ON DWG MST-05 TO 06 FOR REPLACEMENT SY

- DILUTED TACK COAT (ITEM 407.0102) SHALL BE USED ON MILLED SURFACES, EXISTING WMA PAVEMENT AND BETWEEN ALL LIFTS OF NEW WMA PAVEMENT AS WELL AS ON VERTICAL FACES FOR ALL WMA COURSES EXCEPT THE WMA TOP COURSE. ASPHALT PAVEMENT JOINT ADHESIVE (ITEM 418.7603) SHALL BE USED ON VERTICAL FACES FOR ALL JOINTS IN THE WMA TOP COURSE, INCLUDING CURBS AND DRAINAGE STRUCTURES.
- 3. SEE PRP DWGS FOR LOCATIONS OF FULL DEPTH PAVEMENT REPAIRS AND DETAIL ON DWG MSD-01.
- 4. MILL EXISTING PAVEMENT TO A DEPTH OF 4".

UNIT OF PAYMENT

DESCRIPTION

9.5 F2 TOP COURSE WMA, 60 SERIES COMPACTION 19 F9 BINDER COURSE WMA, 60 SERIES COMPACTION

ASPHALT PAVEMENT JOINT ADHESIVE
PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE

CONCRETE SIDEWALKS AND DRIVEWAYS

STONE CURB NEAR VERTICAL FACE (NVF) TURF ESTABLISHMENT - PERFORMANCE

DILUTED TACK COAT

ITEM NO.

404.1969

407,0102

418,7603

490.10

608-0101

609-0212

610.1605

NOTES

- 5. SEE DWG MSD-01 FOR TYPICAL GRANITE CURB RESET OR REPLACEMENT WITH UNDERDRAIN INSTALLATION DETAIL. SEE DWG MST-03 TO MST-04 FOR NEW CURB AND ISOLATED REPLACEMENT
- 6. SEE PRO DWGS FOR ROADWAY PROFILE AND BANKING DIAGRAMS.
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2R PAVING PROJECT
THURBER STREET TO CITY LIMIT CITY OF S
DEPARTMENT C

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS

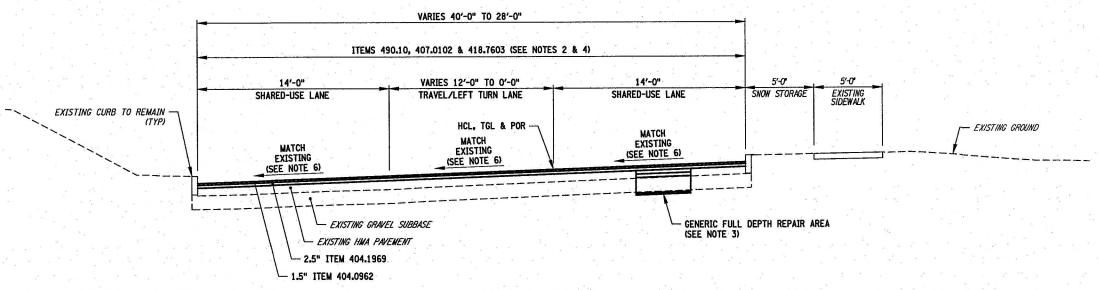
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TYPICAL SECTION

TYP-04

8 of 241

HCL STA 67+05 TO 74+98



HCL STA 63+78 TO 67+05

EAST SENECA TURNPIKE TWO-COURSE MILL & OVERLAY NOT TO SCALE

	ITEM NO.	DESCRIPTION	UNIT OF PAYMENT		NOTE	S
	404.0962 404.1969 407.0102 418.7603 490.10 608.0101 609.0212	9.5 F2 TOP COURSE WMA, 60 SERIES COMPACTION 19 F9 BINDER COURSE WMA, 60 SERIES COMPACTION DILUTED TACK COAT ASPHALT PAVEMENT JOINT ADHESIVE PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE CONCRETE SIDEWALKS AND DRIVEWAYS STONE CURB NEAR VERTICAL FACE (NVF)	TON TON GAL LF SY CY LF	1. RESTORATION OF DISTURBED AREAS BEHIND NEW CURB AND SIDEWALK SHALL BE AS FOLLOWS: **LAWN AREAS: USE ITEM 610.1605 WITH 4" OF TOPSOIL (2' WIDTH OR AOBE) **ASPHALT DRIVEWAYS: SEE HMA DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND DRIVEWAY TABLE ON DWG DWT-01 TO 03 FOR REPLACEMENT LOCATIONS AND LIMITS. **CONCRETE SIDEWALKS AND DRIVEWAY APRONS: SEE CONCRETE SIDEWALK AND DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND CONCRETE SIDEWALK TABLE ON DWG MST-05 TO 06 FOR REPLACEMENT LOCATIONS AND LIMITS.	6.	SEI INS LOO SEI SEI 4"
				2. DILUTED TACK COAT (ITEM 407.0102) SHALL BE USED ON MILLED SURFACES, EXISTING WMA PAVEMENT AND BETWEEN ALL LIFTS OF NEW WMA PAVEMENT AS WELL AS ON VERTICAL FACES FOR ALL WMA COURSES EXCEPT THE WMA TOP COURSE. ASPHALT PAVEMENT JOINT ADHESIVE (ITEM 418.7603) SHALL BE USED ON VERTICAL FACES FOR ALL JOINTS IN THE WMA TOP COURSE, INCLUDING CURBS AND DRAINAGE STRUCTURES.		
				3. SEE PRP DWGS FOR LOCATIONS OF FULL DEPTH PAVEMENT REPAIRS AND DETAIL ON DWG MSD-01.		V 5 5
7.0				4. MILL EXISTING PAVEMENT TO A DEPTH OF 4".		

- SEE DWG MSD-01 FOR TYPICAL GRANITE CURB RESET OR REPLACEMENT WITH UNDERDRAIN INSTALLATION DETAIL. SEE DWG MST-03 TO MST-04 FOR NEW CURB AND ISOLATED REPLACEMENT LOCATIONS.
- 6. SEE PRO DWGS FOR ROADWAY PROFILE AND BANKING DIAGRAMS.
- 7. SEED MIX FOR ITEM 610.1605 TURF ESTABLISHMENT PERFORMANCE SHALL BE LAWN SEED. A MINIMUM OF 4" OF TOPSOIL SHALL BE PLACE AND THE COST SHALL BE INCLUDED UNDER THE ITEM 610.1605.

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1/9/2025



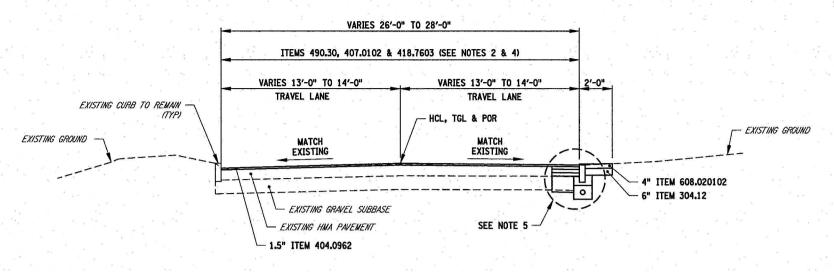
2R PAVING PROJECT THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 JANUARY 2025 DATEs DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

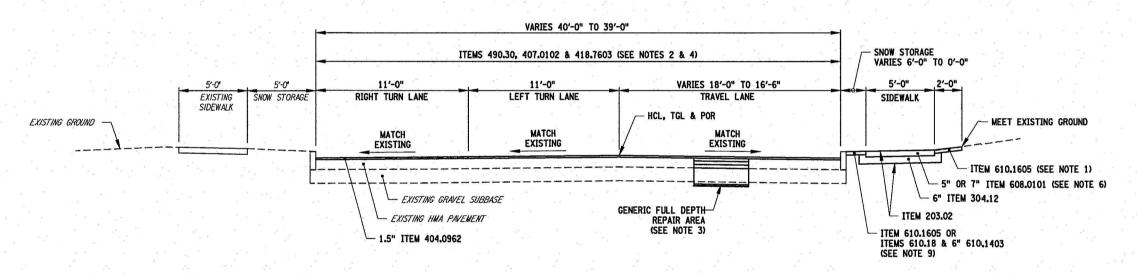
> **TYPICAL SECTION**

TYP-05



HCL STA B 5+13 TO B 6+08

BALL CIRCLE SINGLE-COURSE MILL & OVERLAY NOT TO SCALE



HCL STA T 5+12 TO T 6+04

THURBER STREET SINGLE-COURSE MILL & OVERLAY NOT TO SCALE

ITEM NO.	DESCRIPTION	UNIT OF PAYMENT	NOTES	
404.0962 407.0102 418.7603 490.30 608.0101 608.020102 609.0212 610.1605	9.5 F2 TOP COURSE WMA, 60 SERIES COMPACTION DILUTED TACK COAT ASPHALT PAVEMENT JOINT ADHESIVE MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE CONCRETE SIDEWALKS AND DIVEWAYS ASPHALT SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS STONE CURB NEAR VERTICAL FACE (NVF) TURF ESTABLISHMENT PERFORMANCE	TON GAL LF SY CY TON LF SY	1. RESTORATION OF DISTURBED AREAS BEHIND NEW CURB AND SIDEWALK SHALL BE AS FOLLOWS: • LAWN AREAS: USE ITEM 610.1605 WITH 4" OF TOPSOIL (2' WIDTH OR AOBE) • ASPHALT DRIVEWAYS: SEE HIMA DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND DRIVEWAY TABLE ON DWG DWT-01 TO 03 FOR REPLACEMENT LOCATIONS AND LIMITS. • CONCRETE SIDEWALKS AND DRIVEWAY APRONS: SEE CONCRETE SIDEWALK AND DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND CONCRETE SIDEWALK AND DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND CONCRETE SIDEWALK TABLE ON DWG MST-05 TO 06 FOR REPLACEMENT LOCATIONS AND LIMITS. 2. DILUTED TACK COAT (ITEM 407.0102) SHALL BE USED ON MILLED SURFACES, EXISTING WMA PAVEMENT AND BETWEEN ALL LIFTS OF NEW WMA PAVEMENT AS WELL AS ON VERTICAL FACES FOR ALL WMA COURSES EXCEPT THE WMA TOP COURSE. ASPHALT PAVEMENT JOINT ADHESIVE (ITEM 418.7603) SHALL BE USED ON VERTICAL FACES FOR ALL JOINTS IN THE WMA TOP COURSE, INCLUDING CURBS AND DRAINAGE STRUCTURES. 5. SEE DWG MSD-01 FOR TYPICAL GRANITE CURB RESET OR REPLACEMENT WITH UNDERDRAIN INSTALLATION DETAIL. SEE DWG MST-03 TO MST-04 FOR NEW CURB AND ISOLATED REPLACEMENT LOCATIONS. 6. CONCRETE SIDEWALKS SHALL HAVE A THICKNESS OF 5" EXCEPT AT DRIVEWAYS AND AREAS ADJACENT TO INTERSECTION CORNER RADII IT SHALL HAVE A THICKNESS OF 7". SEE PRO DWGS FOR ROADWAY PROFILE AND BANKING DIAGRAMS. 7. SEE PRO DWGS FOR ROADWAY PROFILE AND BANKING DIAGRAMS. 8. SEED MIX FOR ITEM 610.1605 - TURF ESTABLISHMENT PERFORMANCE SHALL BE LAWN SEED. A MINIMUM OF 4" OF TOPSOIL SHALL BE USED ON VERTICAL FACES FOR ALL JOINTS IN THE WMA TOP COURSE, INCLUDING CURBS AND DRAINAGE STRUCTURES.	
			3. SEE PRP DWGS FOR LOCATIONS OF FULL DEPTH PAVEMENT REPAIRS AND DETAIL ON DWG MSD-01. 4. MILL EXISTING PAVEMENT TO A DEPTH OF 1.5".	* 3



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1/9/2025



EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

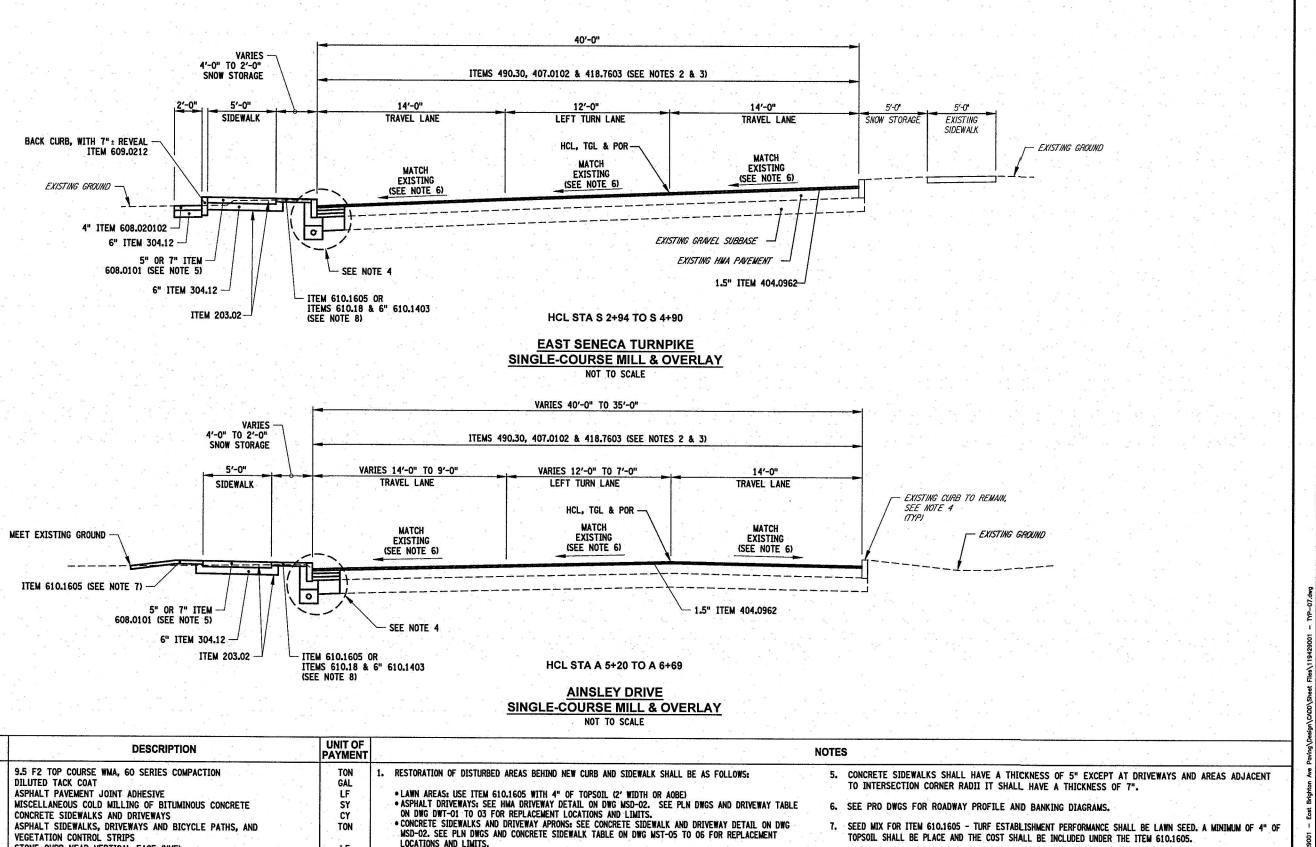
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TYPICAL SECTION

TYP-06

Jan 09, 2025 -F:\Project\119



DILUTED TACK COAT (ITEM 407.0102) SHALL BE USED ON MILLED SURFACES, EXISTING WMA PAYEMENT

SEE DWG MSD-01 FOR TYPICAL GRANITE CURB RESET OR REPLACEMENT WITH UNDERDRAIN INSTALLATION

DETAIL. SEE DWG MST-03 TO MST-04 FOR NEW CURB AND ISOLATED REPLACEMENT LOCATIONS.

AND BETWEEN ALL LIFTS OF NEW WMA PAVEMENT AS WELL AS ON VERTICAL FACES FOR ALL WMA COURSES EXCEPT THE WMA TOP COURSE. ASPHALT PAVEMENT JOINT ADHESIVE (ITEM 418,7603) SHALL BE USED ON VERTICAL FACES FOR ALL JOINTS IN THE WMA TOP COURSE, INCLUDING CURBS AND

ITEM NO.

404.0962

407.0102

418.7603

608.0101

609.0212

610.1605

608.020102

STONE CURB NEAR VERTICAL FACE (NVF)

TURF ESTABLISHMENT PERFORMANCE

LF

SY

DRAINAGE STRUCTURES.

3. MILL EXISTING PAVEMENT TO A DEPTH OF 1.5".

490.30

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1/9/2025





AST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

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TYPICAL SECTION

ESTABLISHING TURF IN SNOW STORAGE AREAS WITH A WIDTH LESS THAN OR EQUAL TO 3 FT. SHALL USE ITEMS

610.18 (SODDING) AND 6" ITEM 610.1403 (TOPSOIL - LAWNS) TO ESTABLISH TURF.

TYP-07 11 of 241

DEFINITIONS

THE WORDS "SHALL", "SHOULD", AND "MAY", AS USED IN THE CONTRACT DOCUMENTS, HAVE THE FOLLOWING MEANINGS:

SHALL - A MANDATORY CONDITION. IN THE DESIGN, APPLICATION, OR LOCATION OF DEVICES,
REQUIREMENTS HAVING "SHALL" STIPULATIONS ARE MANDATORY. NO DISCRETION
IN FOLLOWING THEM IS ALLOWED.

SHOULD - ANY ADVISORY CONDITION. WHERE "SHOULD" IS USED IN RELATION TO A PROVISION,
THAT PROVISION IS RECOMMENDED, AND NORMALLY IS TO BE FOLLOWED, BUT IS
NOT MANDATORY, DEVIATION FROM SUCH PROVISIONS IS PERMISSIBLE IF, AND TO THE
EXTENT NECESSARY, THERE IS JUSTIFIABLE CAUSE TO DO SO.

MAY - ANY PERMISSIVE CONDITION. NO REQUIREMENT FOR DESIGN OR APPLICATION IS INTENDED.

GENERAL NOTES

1

- PLANS ARE BASED ON NYSDOT STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, DATED MAY 1, 2025.
- 2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT, DUE TO THE NATURE OF THIS PROJECT, THE EXACT EXTENT OF FULL DEPTH PAVEMENT REPAIR WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION, PAVEMENT CORES AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS AS ORDERED BY RESIDENT ENGINEER.
- 3. THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE CITY, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE CITY, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE RESIDENT ENGINEER AT THE EXPENSE OF THE CONTRACTOR. ANY SALVAGED MATERIAL TO REMAIN THE PROPERTY OF THE CITY SHALL BE PICKED UP BY CITY FORCES AT NO EXPENSE TO THE CONTRACTOR.
- 4. WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THOSE ITEMS.
- 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE START OF WORK AND/OR PREPARATION OF SHOP DRAWINGS, THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY AND PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
- 6. THE COST OF ALL JOINT MATERIAL SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS ITEMS OF THE CONTRACT, UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- 7. ALL DISTURBED AREAS ADJACENT TO CURBING, DRIVEWAY AND SIDEWALK INSTALLATION SHALL BE RESTORED BY THE TREATMENT SHOWN ON THE PLANS, BY TOPSOIL AND SEEDING, OR AS ORDERED BY RESIDENT ENGINEER.
- 8. WORK LIMITS ARE SHOWN ON THE ROADWAY PLANS. THE ACTUAL LIMITS OF WORK SHALL BE CONFIRMED IN THE FIELD AT THE TIME OF CONSTRUCTION. THE RESIDENT ENGINEER SHALL DEFINE SPECIFIC LIMITS WHERE QUESTIONS ARISE.
- SAWCUTTING SHALL BE REQUIRED FOR ALL FULL DEPTH REPAIRS IN PAVEMENT AREAS, AT ABUTTING SIDEWALK AND DRIVEWAY EDGES TO BE RETAINED, AT PAVEMENT TERMINATIONS, AND ALONG CURBS TO BE REPLACED OR RESET. ALL SAWCUTS IN STREETS ARE TO BE SEALED WITH ASPHALT FILLERS PER NYSDOT SECTION 705-02.
- 10.ALL RIGHT-OF-WAY MONUMENTS AND PROPERTY CORNERS ARE TO BE PROTECTED, SAFEGUARDED AND PRESERVED. ANY RIGHT-OF-WAY MONUMENTS OR PROPERTY CORNERS THAT ARE DISTURBED BY CONTRACTOR'S OPERATIONS SHALL BE REPLACED BY A NYS LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- 11.THE ROADWAY SHALL BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES. ROADWAY CLEANING SHALL BE PERFORMED AOBE.
- 12.MATERIALS, EQUIPMENT AND VEHICLES SHALL NOT BE STORED OR PARKED WITHIN 10 FEET OF THE CURBLINE BEFORE WORK BEGINS OR AFTER THE CONTRACTOR'S OPERATIONS ARE SHUT DOWN. THE CONTRACTOR WILL NEED TO MAKE HIS OWN ARRANGEMENTS FOR A STAGING AREA FOR THE PROJECT. NO CONSTRUCTION MATERIALS MAY BE STORED OR PLACED ON THE ROADWAY OR ROADBED EXCEPT WITHIN A PROTECTED WORK AREA.
- 13.SEED MIX FOR ITEM 610.1605 TURF ESTABLISHMENT PERFORMANCE SHALL BE LAWN SEED MIX MEETING SECTION 714-04 C.

RECORD DRAWINGS

1. RECONSTRUCTION OF EAST BRIGHTON AVENUE AND EAST SENECA TURNPIKE (1983) RECORD DRAWINGS ARE AVAILABLE AT: CITY OF SYRACUSE DEPARTMENT OF ENGINEERING, CITY HALL, 233 EAST WASHINGTON STREET, ROOM 401 (315-448-8200) FOR THE STREETS INCLUDED IN THIS PROJECT. THESE DRAWINGS INCLUDE ROADWAY PLAN, PROFILE, TYPICAL SECTIONS, DRAINAGE, ETC.

SURVEY CONTROL

 REFER TO DRAWING BLT-01 IN THE CONTRACT DRAWINGS FOR SURVEY BASELINE AND HORIZONTAL AND VERTICAL CONTROL INFORMATION.

STREET PAVEMENT

- PAVEMENT CORES AND BORINGS WERE OBTAINED FOR THE PROJECT. EAST BRIGHTON AVENUE HAS A 10.5" HOT MIX ASPHALT (HMA) PAVEMENT SECTION. PAVEMENT CORE AND BORING LOCATIONS ARE SHOWN ON THE PRP DRAWINGS WITH ANY ADDITIONAL INFORMATION AVAILABLE AS SUPPLEMENTAL INFORMATION TO BIDDERS.
- 2. A DEPTH OF 4" SHALL BE MILLED FROM THE EXISTING PAVEMENT AND RECEIVE A TWO-COURSE WMA OVERLAY TO THE LIMITS SHOWN ON THE CONTRACT DRAWINGS. FULL DEPTH REPAIRS SHALL BE REPAIRED IN THE MANNER AND LOCATIONS SHOWN ON THE MSD AND PRP DRAWINGS. THE PAVEMENT SURFACE SHALL BE EVALUATED AFTER MILLING OPERATIONS BY THE RESIDENT ENGINEER AND CONTRACTOR TO DETERMINE IF ANY ADDITIONAL REPAIRS ARE NEEDED PRIOR TO PLACING ANY WWA OVERLAY.
- 3. THE CONTRACTOR SHALL COORDINATE WITH THE CITY'S UTILITY WORK PERMIT MANAGER AT THE DEPARTMENT OF PUBLIC WORKS ON ANY UTILITY WORK PATCHES IN PAVEMENT MILL AND OVERLAY AREAS THAT HAVE NOT BEEN RESTORED TO FULL DEPTH PAVEMENT. ANY UTILITY PATCHES THAT HAVE NOT BEEN RESTORED TO FULL DEPTH PAVEMENT MAY BE ADDED TO THE CONTRACT REPAIR AREAS AT THE CITY'S DISCRETION AND/OR AS ORDERED BY THE RESIDENT ENGINEER.
- 3. THE CONTRACTOR SHALL CONDUCT MILLING AND PAYING OPERATIONS SO THAT THE FINISHED PAYEMENT SURFACE WILL DRAIN TO THE EXISTING DROP INLETS. POSITIVE DRAINAGE SHALL BE PROVIDED ALONG CURBLINES TO THE EXISTING DROP INLETS. NO STANDING WATER SHALL BE PRESENT.
- 4. THERE ARE SECTIONS OF THE PAVEMENT THAT HAVE LESS THAN 0.50% LONGITUDINAL SLOPE IMMEDIATELY ADJACENT TO THE CURB. IN THESE AREAS, UNDER TIEM 625.01 SURVEY OPERATIONS, A CONTINUOUS FINISHED GRADE REFERENCE LINE SHALL BE PLACED BY THE CONTRACTOR ON THE CURB. THAT IS DEVELOPED FROM THE ELEVATIONS SHOWN ON THE DESIGN PROFILE. THIS IS TO BE COMPLETED IN ADVANCE OF PAVING OPERATIONS, AND USED AS A REFERENCE LINE TO PLACE THE FINISHED PAVEMENT.

CONCRETE SIDEWALKS, DRIVEWAYS AND CURB RAMPS

- 1. SIDEWALK CURB RAMPS INSTALLED UNDER THIS PROJECT SHALL CONFORM TO THE DETAILS ON NYSDOT STANDARD SHEET 608-01 (SHEETS 1 12). THE CONTRACTOR SHALL INSTALL CAST IRON EMBEDDED DETECTABLE WARNING UNITS (PAYMENT ITEM 608.21000003) AT ALL CURB RAMP LOCATIONS SHOWN ON THE CRD DRAWINGS AND THE CONCRETE SIDEWALK TABLE ON DWG, MST-05 AND MST-06.
- 2. CONCRETE SIDEWALKS ACROSS DRIVEWAYS AS WELL AS SIDEWALK AND CURB RAMPS AT INTERSECTION CORNER RADII WILL HAVE A THICKNESS OF 7" AND BE PAID UNDER ITEM 608.0101 CONCRETE SIDEWALKS AND DRIVEWAYS.
- 3. CONCRETE FOR SIDEWALKS NOT AT DRIVEWAYS OR INTERSECTION CORNER RADII WILL HAVE A THICKNESS OF 5" AND BE PAID UNDER ITEM 608.0101 - CONCRETE SIDEWALKS AND DRIVEWAYS.
- 4. CONCRETE SIDEWALKS AND DRIVEWAYS ARE TO BE GENERALLY PLACED IN LENGTHS THAT HAVE CONTROL JOINTS THAT CREATE 5 FOOT BY 5 FOOT BLOCKS. AT STREET INTERSECTIONS THE SIDEWALK IS IRREGULARLY SHAPED TO CONFORM TO THE CORNER RADIL. AT THESE AND ANY OTHER SIMILAR LOCATIONS, AND WHERE UTILITY COVERS PENETRATE THE SIDEWALK, ADDITIONAL CONTROL JOINTS SHALL BE PLACED TO CONTROL CRACKING, ADDITIONAL CONTROL JOINT LOCATIONS ARE TO BE DETERMINED BY THE CONTRACTOR. ANY NEW SIDEWALK THAT CRACKS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ANY SAWCUTTING NECESSARY TO INSTALL SIDEWALK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 608.0101.
- 5. EXPANSION JOINTS SHALL BE PLACED AT APPROXIMATELY 50 FT. INTERVALS OR A.O.B.E. ALL EXPANSION JOINTS SHALL HAVE PREMOULDED RESILIENT JOINT FILLER MATERIAL PLACED BELOW THE SURFACE AND THEN SEALED WITH "SIXAFLEX SL" OR APPROVED EQUAL CONCRETE SEALER MEETING NYSDOT MATERIAL SPECIFICATION 705-06.
- 6. THE CURB RAMP DETAILS PROVIDED ARE APPROXIMATE TO ACHIEVE ADA COMPLIANT RAMPS. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND GRADES TO ENSURE COMPLIANCE WITH ADA REQUIREMENTS PRIOR TO ANY CONSTRUCTION ACTIVITIES.
- 7. IF FIELD CONDITIONS REQUIRE MODIFICATION TO THE LIMITS OF CURB RAMP RECONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A SKETCH TO THE RESIDENT ENGINEER WITH NEW LIMITS OF WORK, DIMENSIONS AND GRADES TO DEMONSTRATE THE RAMP WILL MEET ADA REQUIREMENTS.
- 8. ALL SIDEWALK REMOVALS SHALL BE COMPLETED AT AN EXISTING JOINT.

GRANITE CURBING

- FURNISHING AND INSTALLING NEW GRANITE CURBING (STRAIGHT, CURVED, TRANSITION, AND DROP CURB) SHALL BE PAID FOR UNDER ITEM 609.0212. A NOMINAL AMOUNT OF ITEM 609.15, RESETTING EXISTING CURB IS INCLUDED IN THE CONTRACT FOR UNANTICIPATED FIELD CONDITIONS AND MAY BE USED AT THE DISCRETION OF THE RESIDENT ENGINEER.
- 2. TRANSITION CURBS FOR DRIVEWAY AND CURB RAMP FLARES (NOT IN THE PEDESTRIAN CIRCULATION PATH) SHALL HAVE A MINIMUM LENGTH OF 3 FEET. TRANSITION CURB LENGTHS AT CURB RAMPS SHALL MEET NYSDOT 608-01 STANDARD SHEETS, REFER TO CRD DRAWINGS FOR TRANSITION LENGTHS AND LAYOUT MEROPHATION

PAVEMENT MARKINGS

- 1. PERMANENT PAVEMENT MARKINGS (CENTER LINES, EDGE LINES, HATCH, SYMBOLS, ETC.) SHALL BE INSTALLED ON FINAL PAVEMENT SURFACES AFTER TWO WEEKS OF INSTALLING FINAL PAVEMENT SURFACE. THIS REQUIREMENT APPLIES TO ANY PORTION OF FINAL PAVEMENT SURFACE INSTALLED REGARDLESS OF LENGTH.
- 2. TEMPORARY LONG LINE MARKINGS (ITEM 619.0901) SHALL BE APPLIED WITHIN 24 HOURS OF COMPLETING THE MILLING OPERATION ON EACH STREET SEGMENT AND ALSO ON THE NEW WMA BINDER COURSE. MARKINGS SHALL INCLUDE 4" YELLOW FULL BARRIER CENTERLINE AND 4" WHITE BROKEN LANE LINES WHERE APPLICABLE. TEMPORARY LONG LINE MARKINGS SHALL ALSO BE APPLIED TO THE NEW WMA TOP COURSE IN THE EXACT LOCATION OF PERMANENT PAVEMENT MARKINGS.

UTILITIES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES ENCOUNTERED IN THIS WORK, WHERE NECESSARY THE CONTRACTOR SHALL PROVIDE TIMBER, PLANK OR OTHER APPROVED MATERIALS AND SECURELY BRACE AND PROTECT THESE UTILITIES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR VARIOUS ITEMS IN THE CONTRACT.
- 2. FOUR SEPARATE QUALITY LEVELS OF SUBSURFACE UTILITY FACILITY INFORMATION ARE GENERALLY RECOGNIZED AND ARE MS FOLLOWS:

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 BE DETERMINE THEIR PRECISE HORIZONTAL AND VERTICAL POSITIONS, AS WELL AS THEIR OTHER UTILITY FACILITY ATTRIBUTES. (SHOWN AS QLA)

QUALITY LEVEL B (QLB): QUALITY LEVEL B IS THE SECOND HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHOD (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)

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 JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION. (SHOWN AS QLC)

QUALITY LEVEL D (QLD): QUALITY LEVEL D IS THE LOWEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS WAS DERIVED SOLELY FROM EXISTING DPW AND/OR UTILITY COMPANY RECORDS OR RECOLLECTIONS. (SHOWN AS QLD)

ALL UTILITY LOCATIONS SHOWN ON THESE PLANS ARE QLC.

UTILITY ADJUSTMENTS

- 1. ALL CITY MANHOLE COVERS AND DRAINAGE STRUCTURE GRATES SHALL BE ADJUSTED TO FINAL GRADE AND SET FLUSH. PAYMENT WILL BE MADE UNDER ITEM 604.070301. ALL CITY WATER VALVE COVERS SHALL BE ADJUSTED TO FINAL GRADE UNDER ITEM 663.33. THE COSTS FOR DISTURBING PAVEMENT, SALVAGE, CLEANING AND RESETTING EXISTING FRAMES, GRATES AND COVERS SHALL BE INCLUDED IN THE PRICE BID FOR THE THERE RESPECTIVE ADJUSTMENT ITEM.
- 2. THE REMAINING UTILITY MANHOLES, VALVES, ETC WILL BE ADJUSTED BY THE RESPONSIBLE UTILITY OWNERS. THESE LOCATIONS HAVE BEEN IDENTIFIED ON THE "MANHOLE AND VALVEBOX ADJUSTMENT TABLE" ON DRAWINGS MTB-08, MTB-09, AND MTB-10 BUT IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THESE FEATURES AND COORDINATE THE ADJUSTMENT WITH THE AFFECTED UTILITY OWNERS. SEE COORDINATION WITH UTILITIES NOTE IN THE SPECIAL NOTES INCLUDED IN SECTION 01200 OF THE PROPOSAL BOOK.
- 3. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER IF HE ENCOUNTERS ANY DAMAGED AND/OR MISSING CITY MANHOLE OR WATER VALVE COVERS. THE RESIDENT ENGINEER WILL CONTACT THE CITY DEPARTMENT OF PUBLIC WORKS TO PROVIDE REPLACEMENT COVERS.
- 4. THE CONTRACTOR SHALL EXERCISE CARE WHEN MILLING AROUND UTILITY FRAMES, GRATES, AND COVERS. SHOULD THESE ITEMS BECOME DAMAGED DUE TO THE CONTRACTORS OPERATIONS, THEY SHALL BE REPAIRED OR REPLACED AT NO COST TO THE UTILITY OWNER OR THE CITY.

METHOD OF CONSTRUCTION AND TRAFFIC ON MILLED SURFACES

- 1. TRAFFIC WILL BE ALLOWED ON A MILLED SURFACE ON AN INDIVIDUAL STREET SEGMENT NO MORE THAN 14 CALENDAR DAYS BEFORE PLACING THE NEW BINDER COURSE OR TOP COURSE. THIS TIME MAY BE EXTENDED BY THE RESIDENT ENGINEER IF THERE ARE DELAYS BY PRIVATE UTILITY COMPANIES IN COMPLETING MANHOLE AND VALVE BOX ADJUSTMENT IN THE PAVEMENT AREA.
- 2. ASPHALT COLD PATCH SHALL BE PLACED AS A TEMPORARY WEDGE AROUND STRUCTURES IN THE PAVEMENT AFTER MILLING. POLYETHYLENE WRAP SHALL FIRST BE PLACED AROUND THE STRUCTURE TO ALLOW THE ASPHALT WEDGE TO BE EASILY REMOVED PRIOR TO FINAL PAVING. THE COST OF PLACING AND MOVING THE TEMPORARY WEDGES SHALL BE INCLUDED IN ITEM 619.01.

DRAINAGE FACILITIES

- 1. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE DRAINAGE CHARACTERISTICS OF THE STREET SEGMENT INCLUDED IN THE PROJECT SO THAT WORK MAY PROGRESS EFFICIENTLY WITH FULL KNOWLEDGE OF THE POTENTIAL DRAINAGE PROBLEMS, ALL DRAINAGE FACILITIES, INCLUDING DITCHES, CULVERTS, GUTTERS, DRAINAGE PIPES AND DRAINAGE STRUCTURES, WITHIN THE CONTRACT LIMITS SHALL BE KEPT CLEAN AND FREE FLOWING FOR THE DURATION OF THE CONTRACT, ADDE.
- 2. THE CONTRACTOR SHALL FIRST CLEAN ALL DRAINAGE STRUCTURES WHERE INDICATED IN THE DRAINAGE TABLE AND THEN CONFIRM THE REPAIR OR REPLACEMENT DIMENSIONS AND QUANTITIES NEEDED FOR EACH STRUCTURE AND PIPE INVERT ELEVATIONS FOR REPLACEMENT STRUCTURES.

COMPANIES

C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com





ON AVENUE
PROJECT
TO CITY LIMIT
RACUSE
ENGINEERING

2R PAVING PROJ THURBER STREET TO CIT CITY OF SYRACUSE DEPARTMENT OF ENGINE

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001
DATE: JANUARY 2025
DRAWN BY: DJB

DESIGNED BY: DJB

CHECKED BY: DOS

NO ALTERATION PERMITTED HEREON
EXCEPT AS PROVIDED UNDER SECTION
7209 SUBDIVISION 2 OF THE NEW YORK
EDUCATION LAW

GENERAL NOTES

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COORDINATION WITH OTHER CONSTRUCTION

- 1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THERE WILL BE OTHER CONTRACTORS WORKING NEAR OR WITHIN THE LIMITS OF WORK FOR THIS CONTRACT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE WORK OF THIS CONTRACT WITH THAT OF OTHERS SO THERE IS NO CONFLICT.
- 2. D900056 I-81 VIADUCT-PHASE 1, CONTRACT 2 (PIN 3501.91) IS LOCATED BETWEEN THE NORTHERN AND SOUTHERN PORTIONS OF THIS PROJECT. CONTRACT 2 WILL BE UNDER CONSTRUCTION DURING THIS PROJECT. THE CONTRACTOR SHALL CONTACT 1-81 VIADUCT PROJECT CONSTRUCTION COORDINATOR, CHRIS SHERIDAN AT (585) 272-3712, FOR COORDINATION.
- 3. THE SYRACUSE WATER DEPARTMENT (SWD) IS PLANNING ON REPLACEMENTS TO THE CITY WATER SYSTEM ALONG THURBER STREET AND AINSLEY DRIVE WHICH ARE LOCATED WITHIN THE PROJECT AREA. THE UPGRADES INCLUDE WATER MAIN WORK, VALVES, PRESSURE RELIEF VAULTS AND ELECTRICAL SERVICE. THE CONTRACTOR SHALL CONTACT SWD COMMISSIONER OF WATER, ROBERT BRANDT AT (315) 448-8340, FOR COORDINATION.

PERMITS

- 1. A PERMIT WILL BE REQUIRED FROM NYSDOT FOR WORK ALONG NYS ROUTE 173 (EAST SENECA TURNPIKE). THE CONTRACTOR SHALL CONTACT THE REGION 3 PERMIT ENGINEER AT (315) 428-4382.
- 2. A STORMWATER POLLUTION PREVENTION PLAN (SWPP) HAS BEEN DEVELOPED FOR THIS PROJECT. SEE THE BID PROPOSAL BOOK FOR MORE INFORMATION, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SOIL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE SWPP AND SECTION 209 OF THE NYSDOT STANDARD SPECIFICATIONS.

WORK RESTRICTIONS

- 1. NO WORK REQUIRING THE CLOSING OF LANES OR SHOULDERS WILL BE PERMITTED ON THE FOLLOWING

 - MEMORIAL DAY (MAY 23-26, 2025, FRIDAY THRU MONDAY) INDEPENDENCE DAY (JULY 4-6, 2025, FRIDAY THRU SUNDAY)
 - LABOR DAY (AUGUST 29 SEPTEMBER 1, 2025, FRIDAY THRU MONDAY)
 - THANKSGIVING DAY (NOVEMBER 26-28, 2025, WEDNESDAY THRU FRIDAY)
 - CHRISTMAS DAY (DECEMBER 25-28, 2025, THURSDAY THRU SUNDAY)
 - NEW YEARS DAY (JANUARY 1-4, 2026, THURSDAY THRU SUNDAY)
 MEMORIAL DAY (MAY 23-25, 2026, FRIDAY THRU MONDAY)

 - INDEPENDENCE DAY (JULY 3-5, 2026, FRIDAY THRU SUNDAY)

TREES

- 1. IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) THREATENED AND ENDANGERED SPECIES CONCURRENCE, THE CONTRACTOR SHALL CONDUCT TREE REMOVAL OPERATIONS ONLY BETWEEN THE DATES OF NOVEMBER 1 AND MARCH 31.
- 2. ALL NEW STREET TREES WILL BE PROVIDED AND INSTALLED BY THE CITY IN THE LOCATIONS SHOWN ON THE PLP DRAWINGS. THE CONTRACTOR SHALL PROVIDE LOOSENED SOIL AND ADD COMPOST AT THE PROPOSED STREET TREE LOCATIONS. SEE NOTES 5 & 6 ACCOMPANYING THE STANDARD TREE PLANTING DETAIL ON DRAWING PLD-02 AND NOTE 2 ON THE PLP DRAWINGS FOR MORE INFORMATION ON THIS WORK AND THE METHOD OF PAYMENT.

SPECIAL NOTE - WARM MIX ASPHALT

60 SERIES COMPACTION:

1. THE CONTRACTOR SHOULD BE AWARE THAT THIS IS A PERFORMANCE RELATED SPECIFICATION IN WHICH THE CONTRACTOR IS RESPONSIBLE FOR COMPACTING THE PAVEMENT TO WITHIN A SPECIFIED DENSITY RANGE. IN ORDER TO SUCCESSFULLY COMPACT THE PAVEMENT TO THE SPECIFIED DENSITY RANGE, THE CONTRACTOR MUST BE PREPARED TO SELECT, OPERATE, AND CONTROL THE PAVING AND COMPACTION EQUIPMENT, TO MONITOR THE RESULTS, AND TO MAKE NECESSARY ADJUSTMENTS (WITHOUT DIRECTION FROM THE ENGINEER) TO ACHIEVE THE DESIRED RESULTS. WRITTEN INSTRUCTIONS FOR DETERMINING PAVEMENT DENSITY AND CORE LOCATIONS ARE AVAILABLE IN MATERIALS PROCEDURE MP 402-02 FROM THE NYSDOT'S WEB SITE. PROVISIONS OF SECTION 404-3 SHALL APPLY, EXCEPT AS MODIFIED BY THE PROPOSAL DOCUMENTS.

SPECIAL NOTE - PG BINDER AND MIX DESIGN LEVEL

REQUIREMENTS OF THIS NOTE APPLY TO ALL SECTION 404 ASPHALT PAVEMENT ITEMS IN THIS CONTRACT, EXCEPT FOR SHIM, PERMEABLE BASE, TEMPORARY PAVEMENTS, AND MISCELLANEOUS, WHICH MAY USE NON-MODIFIED PG BINDERS SUCH AS PG 64S-22 AND PG 64H-22.

USE POLYMER OR TERMINAL BLEND CRUMB RUBBER MODIFIED PG 64V-22 (VERY HIGH) MEETING THE REQUIREMENTS OF AASHTO M 332, STANDARD SPECIFICATION FOR PERFORMANCE GRADED ASPHALT BINDER USING MULTIPLE STRESS CREEP RECOVERY (MSCR), FOR THE PRODUCTION OF ASPHALT MIXTURES FOR THIS PROJECT. IN ADDITION, THE BINDER GRADE MUST ALSO MEET THE ELASTOMERIC PROPERTIES AS INDICATED BY ONE OF THE FOLLOWING EQUATIONS FOR XR3.2:

- FOR JNR3.2 ≥0.1, %R3.2 ×29.371 JNR3.2-0.2633
- 2. FOR JNR3.2 <0.1, %R3.2 > 55

R3.2 IS % RECOVERY AT 3.2 KPA

JNR 3.2 IS THE AVERAGE NON-RECOVERABLE CREEP COMPLIANCE AT 3.2 KPA

WHEN TERMINAL BLEND CRM PG BINDER IS USED, THE FOLLOWING SHALL APPLY:

- CRUMB RUBBER PARTICLES SHALL BE FINER THAN *30 SIEVE SIZE. THE CRM PG BINDER SHALL BE STORAGE-STABLE AND HOMOGENEOUS
- THE DYNAMIC SHEAR RHEOMETER (DSR) SHALL BE SET AT 2-MM GAP.
 THE CRM PG BINDER SHALL BE 99% FREE OF PARTICLES RETAINED ON THE 600 MM SIEVE
- AS TESTED IN ACCORDANCE WITH SECTION 5.4 OF M 332.

USE OF POLYPHOSPHORIC ACID (PPA) TO MODIFY THE PG BINDER PROPERTIES IS PROHIBITED FOR MIXTURES UNDER THIS CONTRACT. THIS PROHIBITION ALSO APPLIES TO THE USE OF PPA AS A CROSS LINKING AGENT FOR POLYMER MODIFICATION.

THE MIXTURE DESIGNS MUST BE DEVELOPED IN ACCORDANCE WITH THE CRITERIA SPECIFIED IN THE ASPHALT PAVEMENT ITEMS THAT ARE APPROPRIATE FOR THE MIXTURE DESIGN LEVEL OF 75

NOTE: THE PG BINDER FOR THIS PROJECT WILL BE MODIFIED WITH POLYMER OR CRM ADDITIVES TO MEET THE REQUIREMENTS STATED ABOVE. HANDLING OF THE ASPHALT MIXTURES SHALL BE DISCUSSED AT PRE-CONSTRUCTION AND PRE-PAVING MEETINGS.



C&S Engineers, Inc. 499 Col Eileen Collins Blvd,

Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com

1/9/2025 OF NEW



DEPARTMENT

AST BRIGHTON AVENUE 2R PAVING PROJECT THURBER STREET TO CITY LIMIT SYRACUSE OF ENGINEERING Р

CITY

MARK DATE DESCRIPTION

PROJECT NO: 119,429,001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY. D.IB CHECKED BY: DOS NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

> **GENERAL** NOTES

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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 (MITCD) WITH THE NEW YORK STATE CNYS) SUPPLEMENT, THE TEMPORARY TRAFFIC CONTROL DETAILS IN THE PLANS AND PROPOSAL OF THIS CONTRACT AND AS ORDERED BY THE ENGINEER (AOBE).
- 2. FOR TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES IN CONSTRUCTION AREAS NOT SPECIFIED IN THE PLANS, THE PROVISIONS OF PART 6 OF THE MUTCO WITH MYS SUPPLEMENT SHALL APPLY. THE STANDARDS OF APPLICATION NOTED THEREIN AND ON THE PLANS ARE TO BE CONSIDERED MINIMUM
- 3. PRIOR TO THE START OF ANY WORK OPERATIONS, ALL RELATED WORK FOR PROPOSED TEMPORARY TRAFFIC CONTROL 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 AS DIRECTED BY THE ENGINEER IN CHARGE.
- 4. 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.
- 5. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TEMPORARY TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE ENGINEER OR DESIGNEE 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 BY THE SYRACUSE CITY ENGINEER OR

ACTIVITY AREA AND WORK AREA COORDINATION

1. THE CONTRACTOR SHALL COORDINATE ANY WORK WITH OTHER CONTRACTORS, UTILITY COMPANIES, OR MUNICIPALITIES IN ORDER TO ENSURE ALL TRAFFIC IS PROPERLY AND SAFELY MAINTAINED AND

CONTRACTOR VEHICLES

- VEHICLES OR EQUIPMENT ARE NOT TO BE PARKED ALONG THE ROADWAY USED BY THE GENERAL PUBLIC, OR ANY OTHER AREAS DEEMED HAZARDOUS BY THE ENGINEER.
- 2. VEHICLES BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL NOT BE PARKED IN A MANNER WHICH OBSTRUCTS SIGNS, BARRIERS, BARRICADES, OR OTHER TRAFFIC CONTROL DEVICES.

SIGNS

- 1. ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE NATIONAL MUTCO WITH NYS SUPPLEMENT. THE LOCATIONS OF THE SIGNS SHOWN ON THE TEMPORARY TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF
- 2. ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AOBE, 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. PAYMENT UNDER ITEM 619.01. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO SIGNS CAUSED BY THE METHODS USED TO TEMPORARILY REMOVE, RELOCATE OR COVER SIGN PANELS OR SIGN TEXT, AT NO ADDITIONAL COST TO THE CITY. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
- 3. WHEN TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY AS DETERMINED BY THE EIC, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.
- 4. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S
- 5. ALL CONSTRUCTION SIGNS SHALL BE MOUNTED ON NCHRP350 APPROVED TEMPORARY SIGN SUPPORTS UNLESS SHIELDED BY TEMPORARY CONCRETE BARRIER OR GUIDE RAIL, AND LOCATED BEYOND THE DEFLECTION DISTANCES. SIGN SUPPORTS FABRICATED PER STANDARD SHEET 619-08 SHALL BE
- 6. IF CONSTRUCTION RELATED TRAFFIC CONGESTION BACKS UP BEYOND THE INSTALLED ADVANCE SIGN SEQUENCE, ADDITIONAL ADVANCE SIGNING SHALL BE PLACED IN ADVANCE OF THE CONGESTION.
- 7. ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF THE ROADWAY ON DIVIDED HIGHWAYS, MULTI-LANE RAMPS, ONE-WAY STREETS AND AS DIRECTED BY THE ENGINEER IN
- 8. UNDER NO CIRCUMSTANCES SHALL A SIGN PANEL BE TRUNCATED OR TRIMMED SO THAT IT WILL NOT INTERFERE WITH TRAVEL WAY. IF THIS CONDITION EXISTS, THE ENGINEER IN CHARGE WILL DIRECT THE CONTRACTOR TO RELOCATE THAT SIGN AS NOT TO CAUSE ANY OBSTRUCTION WITH THE TRAVEL
- 9. WARNING FLAGS ON SIGNS MAY BE USED TO INCREASE TARGET VALUE AND VISIBILITY OF WORK ZONE
- 10. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED ON STANDARD SHEET 619-12. THESE DIMENSIONS MAY BE INCREASED WHENEVER NECESSARY FOR GREATER LEGIBILITY OR

DELINEATION AND GUIDING DEVICES

- 1. WHERE POSSIBLE ALL DELINEATION AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2 FT LATERAL CLEARANCE TO THE TRAVELED WAY.
- 2. DEFORMED OR DAMAGED CHANNELIZING DEVICES THAT DO NOT MAINTAIN APPEARANCE, COLOR AND REFLECTIVITY WILL BE EVALUATED FOR ACCEPTABILITY IN ACCORDANCE WITH THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) "QUALITY GUIDELINES FOR WORK ZONE TRAFFIC CONTROL DEVICES". AS THE CONDITION OF DEVICES DETERIORATE OVER TIME, THOSE THAT FALL BELOW THE MARGINAL CATEGORY SHALL

PUBLIC ACCESS

- 1. ACCESS TO RESIDENTIAL AND COMMERCIAL DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES, UNLESS OTHER AGREEMENTS, SUITABLE TO THE OWNERS, CAN BE MADE. 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. 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 ONE TIME. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
- 2. 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, AOBE. PLASTIC DRUMS OR OTHER APPROVED TRAFFIC CONTROL DEVICES SHALL BE USED TO DELINEATE THE DRIVEWAY AND TO CONTROL ACCESS DURING NON-WORKING HOURS. PAYMENT UNDER ITEM 619.01.

LANE CLOSURES

- 1. THE CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION WHENEVER POSSIBLE DURING CONSTRUCTION. USE SINGLE LANE SHIFT SETUP ON DRAWING TCP-02 AS NEEDED, MAINTAINING 13 FOOT
- 2. WHEN THERE IS INSUFFICIENT WIDTH ON EAST BRIGHTON AVENUE TO MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION WITH THE WORK AREA, TRAFFIC SHALL BE MAINTAINED USING A SHORT TERM LANE CLOSURE AND FLAGGERS. SEE SETUP ON DRAWING TCP-01.
- 3. 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.
- 4. THE ENGINEER MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS NOT WITHIN THE PROJECT LIMITS.

BICYCLIST AND PEDESTRIANS

- 1. THE NEEDS AND CONTROL OF ALL ROAD USERS CMOTORISTS, BICYCLISTS, AND PEDESTRIANS WITHIN THE HIGHWAY INCLUDING PERSONS WITH DISABILITIES IN ACCORDANCE WITH THE AMERICAN WITH DISABILITIES ACT OF 1990 (ADA) TITLE II, PARAGRAPH 35.130) THROUGH A WORK ZONE SHALL BE AN ESSENTIAL PART OF THE HIGHWAY CONSTRUCTION, UTILITY WORK, MAINTENANCE, AND THE MANAGEMENT OF TRAFFIC INCIDENTS.
- 2. THE CONTRACTOR SHALL PROVIDE, DELINEATE AND MAINTAIN A USABLE TRAVEL PATH FOR PEDESTRIANS AND BICYCLISTS EITHER THROUGH OR AROUND WORK ZONES FOR THE DURATION OF THIS PROJECT, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE TRAVEL PATH SHALL COMPLY WITH THE PROVISIONS OF THE ADA GUIDELINES AND NYS HIGHWAY LAW, SECTION 316. 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
- 3. THE CONTRACTOR SHALL CONDUCT WORK OPERATIONS TO MINIMIZE THE INTERRUPTIONS OF PEDESTRIAN TRAFFIC. THIS SHALL INCLUDE BUT NOT LIMITED TO COMPLETING ALL SIDEWALK WORK ON ONE SIDE OF THE ROAD AT A TIME. THE TEMPORARY STORAGE OF CONSTRUCTION EQUIPMENT OR MATERIALS SHALL NOT BE PERMITTED ON ANY USABLE TRAVEL PATH THAT IS OPEN TO PEDESTRIAN TRAFFIC.
- 4. 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 ANY 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.

PAVEMENT MARKINGS

- 1. EXISTING PAYEMENT MARKINGS OUTSIDE OF PREVIOUSLY DISTURBED CONSTRUCTION ZONES SHALL BE MAINTAINED AND RE-STRIPED IF REQUIRED BY THE ENGINEER. EXISTING MARKINGS, LETTERS AND SYMBOLS WILL BE RE-APPLIED AS NECESSARY, AOBE. PAVEMENT MARKINGS THAT HAVE BEEN OBLITERATED BY THE OPERATION OF UTILITY COMPANIES SHALL BE MAINTAINED AS ORDERED BY THE ENGINEER. PAYMENT
- 2. PAVEMENT MARKINGS SHALL BE MAINTAINED IN ACCORDANCE WITH THE CONTRACT PLANS.
- 3. TEMPORARY MARKINGS (ITEM 619.0901) ON THE MILLED SURFACE, BINDER COURSE AND TOP COURSE SHALL CONSIST OF CENTERLINE YELLOW BARRIER LINE, BROKEN LANE LINES, EDGE LINES AT BIKE LANES, STOP

BUMPS

1. A W8-1 "BUMP" SIGN SHALL BE PLACED ON ALL APPROACHES WHERE A BUMP IS PRESENT IN THE ROADWAY. WHERE NUMEROUS BUMPS OR DIPS OCCUR, THE W8-1 "BUMP" SIGN SHALL BE REPLACED WITH A W8-8 "ROUGH ROAD" SIGN.

BARRIER/SHADOW VEHICLE

- 1. A SHADOW VEHICLE IS REQUIRED FOR SETTING UP OF TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES.
- IN ADDITION TO THE REQUIREMENTS OF SECTION 619 OF THE STANDARD SPECIFICATIONS, AND UNLESS OTHERWISE APPROVED BY THE EIC, THE CONTRACTOR SHALL PROVIDE BARRIER VEHICLES FOR ALL ACTIVE WORK AREAS OCCUPYING ANY TRAVEL LANE CLOSED TO TRAFFIC WITH CONES, DRUMS OR OTHER CHANNELIZING DEVICES. A SEPARATE BARRIER VEHICLE SHALL BE PROVIDED FOR EACH CLOSED LANE. EXCEPTIONS TO THIS REQUIREMENT MAY BE MADE WHERE, AS DETERMINED BY THE EIC, THE BARRIER VEHICLE PLACEMENT WOULD BE INEFFECTIVE.

FLAGGERS

- WHEN FLAGGERS ARE BEING USED FOR TRAFFIC CONTROL PURPOSES, FLAGGER SIGNS (W2O-7) SHALL BE PLACED AS SHOWN ON PROPOSAL OR AOBE ON ALL APPROACHES TO THE AREAS BEING FLAGGGED. THE COST OF FLAGGER SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL. FLAGGER SIGNS SHALL NOT BE USED FOR BRIFF PERIODS OF INCIDENTAL FLAGGING. FLAGGER SIGNS SHALL NOT BE VISIBLE WHEN FLAGGERS ARE NOT BEING USED.
- STOP/SLOW PADDLES SHALL BE USED FOR FLAGGING AND SHALL CONFORM TO THE REQUIREMENTS IN THE MUTCD BUT SHALL BE A MINIMUM OF 24 INCHES. THE COST OF THESE PADDLES AND ALL FLAGGERS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC
- 3. FLAGGERS SHALL NOT POSITION THEMSELVES DIRECTLY IN THE PATH OF ONCOMING TRAFFIC. THE FLAGGER SHOULD STAND EITHER ON THE SHOULDER ADJACENT TO THE TRAFFIC BEING CONTROLLED OR IN THE CLOSED/CHANNELIZED LANE. AT ALL TIMES, THE CONTRACTOR SHALL PROVIDE FLAGGERS WITH A CLEAR ESCAPE PATH, FREE OF PARKED VEHICLES, EQUIPMENT OR OTHER OBSTACLES.
- 4. THE CONTRACTOR SHALL PROVIDE FLAGGERS WHERE SIGHT DISTANCES ARE IMPAIRED BY THE OPERATION OR IN ANY OTHER SITUATION AORE.

FLAGGERS SHALL BE REQUIRED TO USE TWO-WAY RADIOS, WALKIE -TALKIES, OR OTHER FORMS OF ENHANCED COMMUNICATION WHEN ONE FLAGGER IS NOT VISIBLE TO THE OTHER OR IF THE ENGINEER DEEMS IT NECESSARY. ALL COSTS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC

- FLAGGERS SHALL USE THE FREE HAND FOR EMPHASIS AS SHOWN IN PART 6 OF THE MUTCD. EACH FLAGGER SHALL CONTROL NO MORE THAN ONE APPROACH OF TRAFFIC.
- 6. THE ENGINEER SHALL DETERMINE THE NUMBER OF FLAGGERS NEEDED FOR EACH WORK ZONE. UNDER CERTAIN GEOMETRIC AND TRAFFIC SITUATIONS, MORE THAN ONE FLAGGER STATION MAY BE REQUIRED
- 7. FLAGGER STATIONS SHOULD BE VISIBLE FAR ENOUGH AHEAD TO PERMIT ALL VEHICLES TO STOP. THE FLAGGER SHOULD BE STATIONED FAR ENOUGH AHEAD OF THE WORK TO WARN THEM WITH AIR HORNS, TO COMPLY WITH CURRENT SPECIFICATIONS OF APPROACHING DANGER, SUCH AS VEHICLES OUT OF CONTROL.
- WHEN A SIDE ROAD OR DRIVEWAY INTERSECTS THE HIGHWAY WITHIN THE TEMPORARY TRAFFIC CONTROL ZONE, ADDITIONAL TRAFFIC CONTROL DEVICES AND FLAGGERS SHALL BE PROVIDED.

OPEN CUTS IN PAVEMENT

- ALL ROADWAY AREAS TEMPORARILY CLOSED FOR FULL DEPTH REPAIRS, TRENCHING FOR CURB WORK, DRIVEWAY EXCAVATION OR EXCAVATION REQUIRED FOR DRAINAGE STRUCTURES REPAIRS SHALL BE REOPENED AT THE END OF THE WORK DAY. AT ALL TIMES WHEN WORK IS NOT IN PROGRESS, ALL OPENINGS SHALL BE COVERED WITH ANCHORED STEEL PLATES OR SHALL BE BACKFILLED IN ACCORDANCE WITH SECTION 203-3.15 OR TO A DEPTH AS ORDERED BY THE ENGINEER. IF ANCHORED STEEL PLATES ARE THE CHOSEN OPTION, THE CONTRACTOR SHALL SUBMIT THE PROPOSED METHOD OF ANCHORING THE STEEL PLATES TO THE ENGINEER FOR THE APPROVAL PRIOR TO STARTING ANY ROADWAY EXCAVATION. THE STEEL PLATES SHALL BE RAMPED WITH A BITUMINOUS MATERIAL PRIOR TO OPENING THE LANE. A ROUGH ROAD SIGN (WB-B) WITH A SUPPLEMENTAL DISTANCE PANEL (W7-3cp or W16-4P) SHALL BE PLACED AT THE END OF WORK LIMITS FOR THAT STREET. THE DISTANCE ON THE SUPPLEMENTAL DISTANCE PANEL SHALL BE THE LENGTH OF THE WORK LIMITS FOR THAT STREET. THE COST OF THIS WORK INCLUDING ALL LABOR, MATERIALS (EXCEPT ASPHALT), EQUIPMENT, AND ANY RE-EXCAVATION OF TEMPORARY RESTORED AREAS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK
- TEMPORARY HOT MIX ASPHALT WEDGES SHALL BE REQUIRED AT PAVEMENT TERMINATION AREAS IN ORDER TO PROVIDE A SMOOTH TRAVELED WAY. THE TAPER RATE BETWEEN THE EXISTING AND MILLED SURFACES SHALL BE 1 ON POSTED SPEED LIMIT. THE WEDGE MATERIAL SHALL BE THE SAME AS THE TOP COURSE ITEM USED IN THE CONTRACT OR EQUIVALENT, AOBE. THE COST OF NECESSARY CLEANING, TACK COAT, HMA PLACEMENT AND REMOVAL SHALL BE PAID FOR UNDER ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.

LOCAL EVENTS

EVENTS AT SYRACUSE UNIVERSITY'S JMA WIRELESS DOME ARE LIKELY TO OCCUR DURING CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL BE AWARE THAT LARGE EVENTS MAY DIRECTLY OR INDIRECTLY IMPACT THEIR WORK AT EAST BRIGHTON AVENUE AND AINSLEY DRIVE.

PORTABLE VARIABLE MESSAGE SIGNS (PVMS)

1. PVMS UNITS SHALL BE LOCATED A.O.BE. IN THE SOUTHBOUND DIRECTION AT THE INTERSECTIONS OF THURBER STREET AND BRIGHTON PLAZA, NORTHBOUND DIRECTION AT THE INTERSECTIONS OF AINSLEY DRIVE, EAST SENECA TURNPIKE AND THE CITY LIMIT THROUGHOUT THE PROJECT.

TWO WEEKS BEFORE CONSTRUCTIONS

DURING CONSTRUCTION:

WORK TO BEGIN ROAD WORK

HSF CAUTION

C&S Engineers, Inc. 499 Col Fileen Collins Blve Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667

1/9/2025



ENGINEERING

AVENUE OJECT CITY LIMIT OEC SYRACUSE OF ENGINEE SR 5 EAST BRIGHTO 2R PAVING P THURBER STREET P

DEPARTMENT

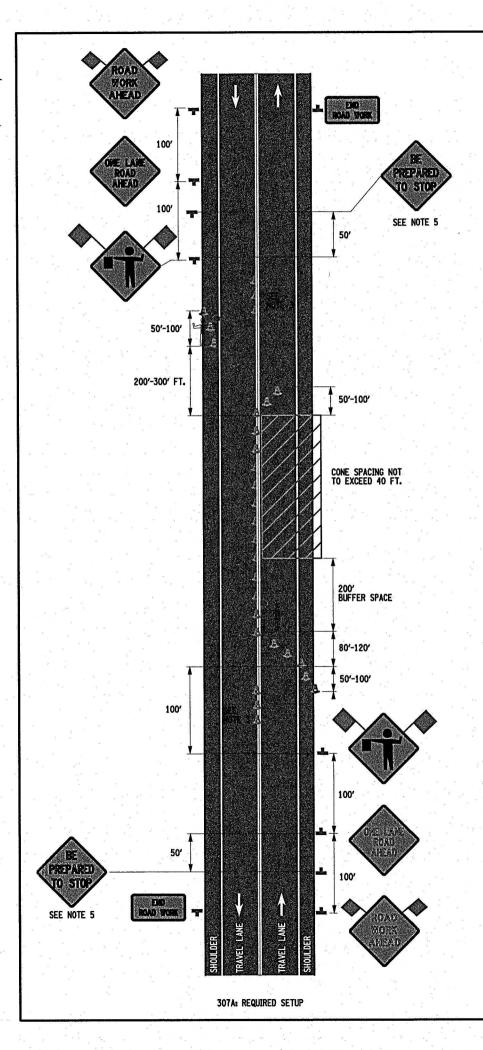
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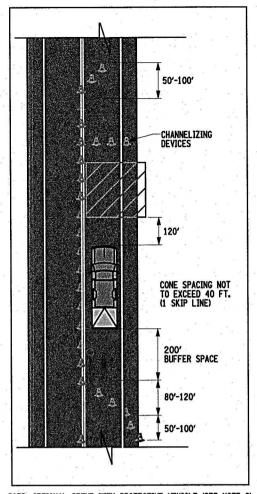
PROJECT NO: 119.429.001 DATE JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

TRAFFIC CONTROL NOTES

TCN-01





307B: OPTIONAL SETUP WITH PROTECTIVE VEHICLE (SEE NOTE 6)

FLAGGING OPERATION BASED ON NYSDOT STD. SHT. 619-307

SHORT OR INTERMEDIATE TERM STATIONARY LANE CLOSURE ON 2-LANE 2-WAY ROADWAY NOT TO SCALE

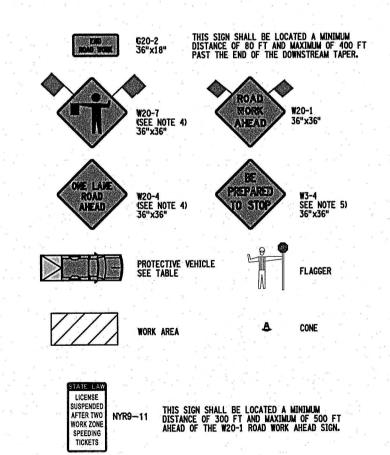
PROTEC	CTIVE VEHICLE REQUI	REMENTS		
CLOSURE TYPE	EXPOSURE CONDITIONS (SEE NOTE 1)	100		
LANE CLOSURE OR	WORKERS ON FOOT OR VEHICLE EXPOSED TO TRAFFIC	PVL		
ENCROACHMENT	OTHER HAZARDS NO WORKERS EXPOSED	SEE NOTE 2		
SHOULDER CLOSURE	WORKERS ON FOOT OR VEHICLE EXPOSED TO TRAFFIC	PVL		
OR ENCROACHMENT	OTHER HAZARDS NO WORKERS EXPOSED	SEE NOTE 2		

LEGEND
PVL: PROTECTIVE VEHICLE OMINIMUM GROSS WEIGHT 9,500 LBS. OR GREATER)

- NOTES:
 1. THE EXPOSURE CONDITIONS ASSUMES THERE IS NO POSITIVE PROTECTION PRESENT.
- 2. EITHER A PROTECTIVE LIGHT VEHICLE (PVL) OR THE STANDARD BUFFER SPACE SHALL BE PROVIDED.

NOTES:

- SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAY PERIOD.
- IN URBAN CONDITIONS, ADVANCE WARNING SIGN SPACINGS MAY BE ADJUSTED IN ORDER TO ACCOMMODATE SIDE STREETS AND DRIVEWAYS, IF THERE IS A CONFLICT, MOVE THE SIGN UPSTREAM.
- FLAGGER SYMBOL SIGN (W2O-7) AND "ONE LANE ROAD AHEAD" SIGN (W2O-4) SHALL BE REMOVED, COVERED OR TURNED AWAY FROM ROAD USERS WHEN FLAGGING OPERATIONS ARE NOT OCCURING.
- IF THE TRAFFIC IS EXPECTED TO QUEUE PAST THE W20-4 SIGN, A W3-4 SIGN SHOULD BE ADDED.
- IF CONDITIONS WARRANT, PROTECTIVE VEHICLE WITH APPROPRIATE ROLL AHEAD DISTANCE MAY BE USED IN ADVANCE OF THE WORK AREA. TO USE PROTECTIVE VEHICLE, BUFFER SPACE SHALL BE PROVIDED ACCORDINGLY.
- WHEN A SIDE ROAD OR DRIVEWAY INTERSECTS THE ROADWAY WITHIN A WORK ZONE TRAFFIC CONTROL AREA, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AND/OR FLAGGERS SHALL BE PLACED AS NEEDED. ADDITIONAL FLAGGERS SHALL BE LOCATED AT ALL INTERSECTIONS AND COMMERCIAL DRIVEWAYS LOCATED WITHIN OR NEAR THE ACTIVE WORK SPACE.
- CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
- CHANNELIZING DEVICES SHALL BE PLACED TRANSVERSELY A MINIMUM OF EVERY 800' AS SHOWN WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 800'.
- ALL FLAGGERS SHALL USE 24"(MIN.) OCTAGON SHAPED STOP/SLOW PADDLES HAVING 6' STAFF. THE PADDLE IS THE PREFERRED DEVICE, BUT THE FLAG MAY BE USED AT INTERSECTIONS WHERE THE STOP/SLOW PADDLE WOULD OFFER CONTRADICTING INFORMATION TO DRIVERS TRAVELING IN OPPOSITE DIRECTIONS/LEGS OF THE INTERSECTION OR DURING INCIDENT MANAGEMENT SITUATIONS.





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CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

2R PAVING PROJECT THURBER STREET TO CITY LIMIT

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 JANUARY 2025 DATE: DRAWN BY: DJB

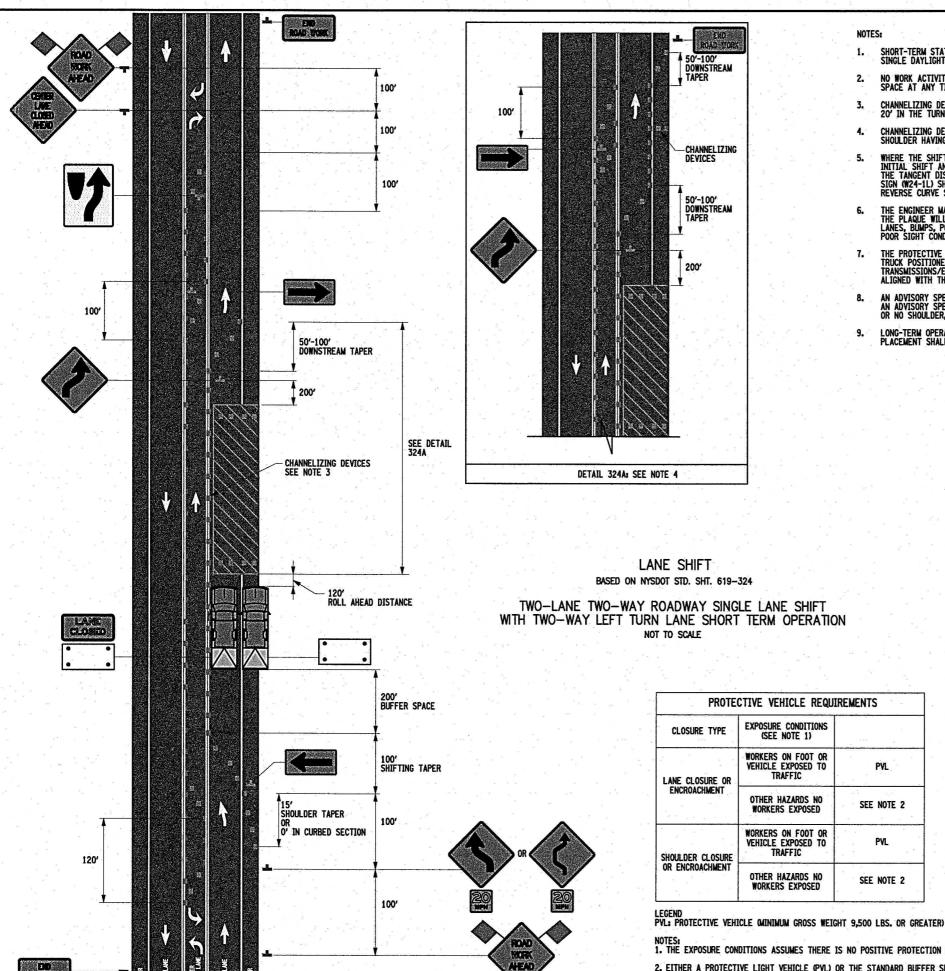
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EAST BRIGHTON AVENUE

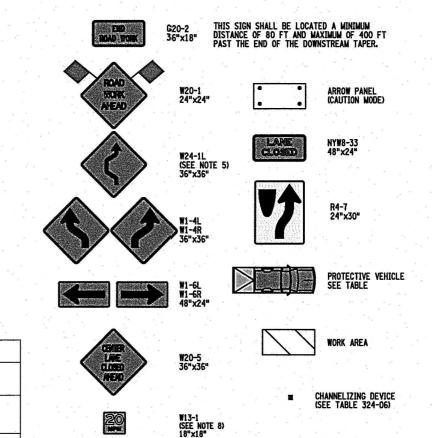
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TRAFFIC CONTROL **PLAN**

TCP-01



- SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.
- NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
- CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE, AND 20' IN THE TURN LANE TAPER SPACE.
- CHANNELIZING DEVICES SHALL BE PLACED TRANSVERSELY A MINIMUM OF EVERY 800' AS SHOWN WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 800'.
- WHERE THE SHIFTED SECTION IS LONGER THAN 600', ONE REVERSE CURVE SIGN SHOULD BE USED TO SHOW THE INITIAL SHIFT AND A SECOND SIGN 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 (W1-4L) SHOULD BE USED INSTEAD OF THE FIRST REVERSE CURVE SIGN (W1-4L) AND THE SECOND REVERSE CURVE SIGN (W1-4L) SHOULD BE OMITTED.
- 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. (LE. NARROW LANES, BUMPS, POOR ROADWAY SURFACE, LOW OR NO SHOULDER, DROP-OFFS, GEOMETRIC CONSTRAINTS, AND/OR
- THE PROTECTIVE VEHICLE(S) SHALL MAINTAIN THE APPROPRIATE ROLL AHEAD DISTANCE, BE AN UNOCCUPIED TRUCK POSITIONED PARALLEL TO TRAFFIC. PARKING BRAKE SET, PLACED IN 2ND GEAR (MANUAL TRANSMISSIONS/ENGINE OFF) OR PARK/NEUTRAL (AUTOMATIC TRANSMISSIONS) AND HAVE THE FRONT WHEELS
- AN ADVISORY SPEED PLAQUE (W13-1) IS RECOMMENDED TO SUPPLEMENT A WARNING SIGN IN ORDER 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).
- LONG-TERM OPERATIONS WITH LANE CLOSURES MAY REQUIRE INTERIM PAYEMENT MARKINGS (ITEM 619.100103). PLACEMENT SHALL BE AT THE DIRECTION OF THE ENGINEER IN CHARGE,



FLAGGING OPERATION BASED ON NYSDOT STD. SHT. 619-307

SHORT OR INTERMEDIATE TERM STATIONARY LANE CLOSURE ON 2-LANE 2-WAY ROADWAY NOT TO SCALE

NOTES:

1. THE EXPOSURE CONDITIONS ASSUMES THERE IS NO POSITIVE PROTECTION PRESENT.

2. EITHER A PROTECTIVE LIGHT VEHICLE (PVL) OR THE STANDARD BUFFER SPACE SHALL BE PROVIDED.

PVL



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1/9/2025





CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

EAST BRIGHTON AVENUE 2R PAVING PROJECT THURBER STREET TO CITY LIMIT

MARK DATE DESCRIPTION

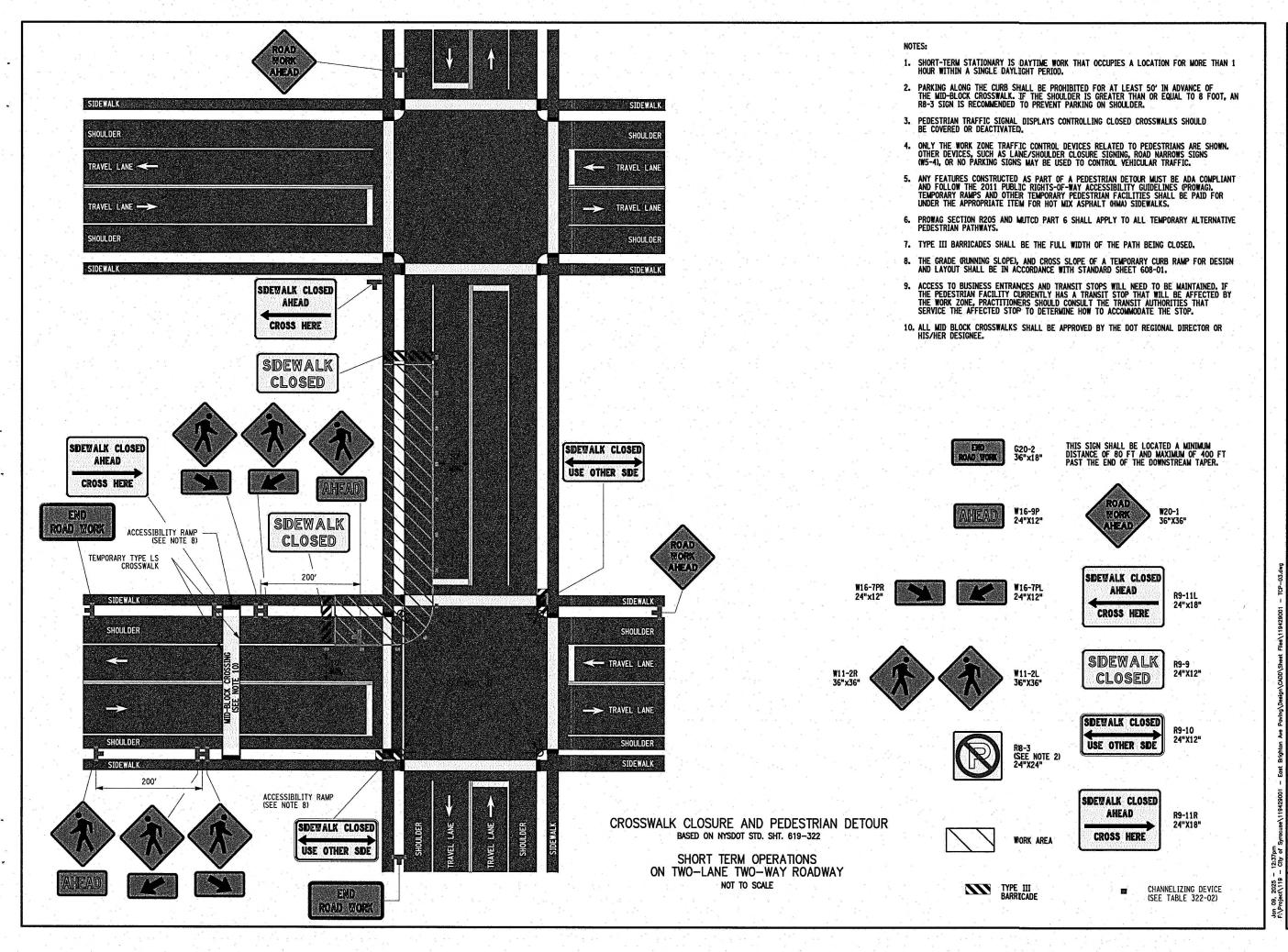
PROJECT NO: 119.429.001 DATE JANUARY 2025 DRAWN BY: DJB

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TRAFFIC CONTROL PLAN

TCP-02





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1/9/2025



AVENUE

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AST BRIGHTON AVENUI 2R PAVING PROJECT THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

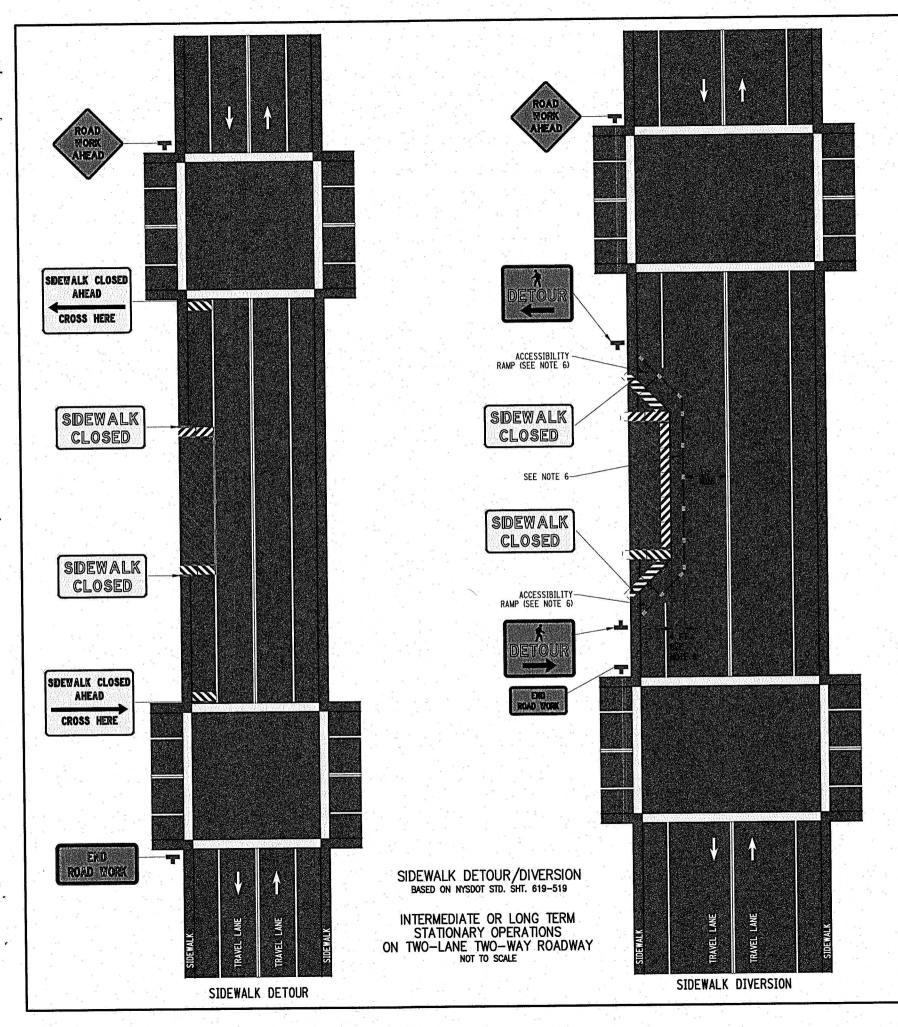
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TRAFFIC CONTROL PLAN

TCP-03



- LONG-TERM IS STATIONARY WORK THAT OCCUPIES A LOCATION MORE THAN 3 CONSECUTIVE DAYS. THIS SETUP CAN ALSO BE USED FOR INTERMEDIATE TERM WORK.
- 2. ANY SIDEWALK DIVERSION MUST BE ADA COMPLIANT AND FOLLOW THE 2011 PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), TEMPORARY RAMPS AND OTHER TEMPORARY PEDESTRIAN FACILITIES SHALL BE PAID FOR UNDER THE APPROPRIATE ITEM FOR HOT MIX ASPHALT (HMA) SIDEWALKS.
- 3. PROWAG SECTION R205 AND MUTCD PART 6 SHALL APPLY TO ALL TEMPORARY ALTERNATIVE PEDESTRIAN PATHWAYS.
- 4. ONLY THE WORK ZONE TRAFFIC CONTROL DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE/SHOULDER CLOSURE SIGNING, ROAD NARROWS SIGNS (W5-4), OR NO PARKING SIGNS MAY BE USED TO CONTROL VEHICULAR TRAFFIC.
- 5. TYPE III BARRICADES SHALL BE THE FULL WIDTH OF THE PATH BEING CLOSED.
- 6. THE GRADE (RUNNING SLOPE) OF A TEMPORARY CURB RAMP FOR DESIGN AND LAYOUT SHALL BE IN ACCORDANCE WITH STANDARD SHEET 608-01.
- 7. ACCESS TO BUSINESS ENTRANCES AND TRANSIT STOPS WILL NEED TO BE MAINTAINED. IF THE PEDESTRIAN FACILITY CURRENTLY HAS A TRANSIT STOP THAT WILL BE AFFECTED BY THE WORK ZONE, PRACTITIONERS SHOULD CONSULT THE TRANSIT AUTHORITIES THAT SERVICE THE AFFECTED STOP TO DETERMINE HOW TO ACCOMMODATE THE
- 8. A MINIMUM 4' CLEAR WIDTH SHALL BE MAINTAINED. THE MAXIMUM LENGTH OF A 4' WIDE PEDESTRIAN PATHWAY SHALL NOT EXCEED 200'.

NOTES ON NIGHTTIME WORK:

N1. WORK OCCURRING AFTER SUNSET AND BEFORE SUNRISE WILL BE CONSIDERED NIGHTTIME OPERATIONS.

N2. ALL SIGNS, STOP/SLOW PADDLES AND RED FLAGS USED TO WARN/ALERT/CONTROL TRAFFIC SHALL BE RETROREFLECTIVE.

N3. ALL WORKERS INVOLVED SHALL WEAR PROTECTIVE HELMETS AND NIGHTTIME APPAREL IN ACCORDANCE WITH \$107-05A, HIGH VISIBILITY APPAREL AT ALL TIMES.

N4. VEHICLES OPERATING ON THE PAVEMENT OF A CLOSED ROADWAY OR TRAVEL LANE SHALL DISPLAY ROTATING AMBER BEACONS OR FLASHING LED BEACONS AT ALL TIMES.

NS. LEVEL I ILLUMINATION SHALL BE PROVIDED NEAR THE BEGINNING OF LANE CLOSURE TAPERS AND AT ROAD CLOSURES, INCLUDING THE SETUP AND REMOVAL OF THE CLOSURE

NG. LEVEL II ILLUMINATION SHALL BE PROVIDED FOR FLAGGING STATIONS, ASPHALT PAVING, MILLING, AND CONCRETE PLACEMENT AND/OR REMOVAL OPERATIONS, INCLUDING BRIDGE DECKS, 50 FEET AHEAD OF AND 100 FEET BEHIND A PAVING OR MILLING MACHINE.

NT. LEVEL III ILLUMINATION SHALL BE PROVIDED FOR PAVEMENT OR STRUCTURAL CRACK FILLING, JOINT REPAIR, PAVEMENT PATCHING AND REPAIRS, INSTALLATION OF SIGNAL EQUIPMENT OR OTHER ELECTRICAL/MECHANICAL EQUIPMENT, AND OTHER TASKS INVOLVING FINE DETAILS OR INTRICATE PARTS AND EQUIPMENT.

NB. ALL LIGHTING SHALL BE DESIGNED, INSTALLED, AND OPERATED TO AVOID GLARE THAT AFFECTS TRAFFIC ON THE ROADWAY OR THAT CAUSES ANNOYANCE OR DISCOMFORT FOR RESIDENCES ADJOINING THE ROADWAY.

NO. PRIOR TO THE START OF NIGHTTIME OPERATIONS, A WRITTEN NIGHTTIME OPERATIONS AND LIGHTING PLAN IS REQUIRED FOR APPROVAL.

N10. AT NIGHT, EACH TYPE III CONSTRUCTION BARRICADE USED TO CLOSE A ROADWAY, A SEGMENT OF A ROADWAY OR A SIDEWALK SHALL BE EQUIPPED WITH ONE FLASHING WARNING

N11. SEE NIGHTIME SAFETY BULLETIN, HDM \$16.5.7, & STANDARD SPECIFICATIONS \$619 FOR ADDITIONAL REQUIREMENTS AND CONSIDERATIONS.



THIS SIGN SHALL BE LOCATED A MINIMUM DISTANCE OF 80 FT AND MAXIMUM OF 400 FT PAST THE END OF THE DOWNSTREAM TAPER.











24"x18"





WORK AREA

ALLOWED CHANNELIZING DEVICE: DRUMS, OVERSIZED VERTICAL PANELS, TYPE II BARRICADES. 20' MAXIMUM SPACING (CENTER TO CENTER)

TYPE III BARRICADE

COMPANIES C&S Engineers, Inc.

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2R PAVING PROJECT THURBER STREET TO CITY LIMIT **AST BRIGHTON AVENU** SYRACUSE OF ENGINEERING CITY OF S
DEPARTMENT C

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 JANUARY 2025 DATES DRAWN BY: DJB DESIGNED BY: DJB

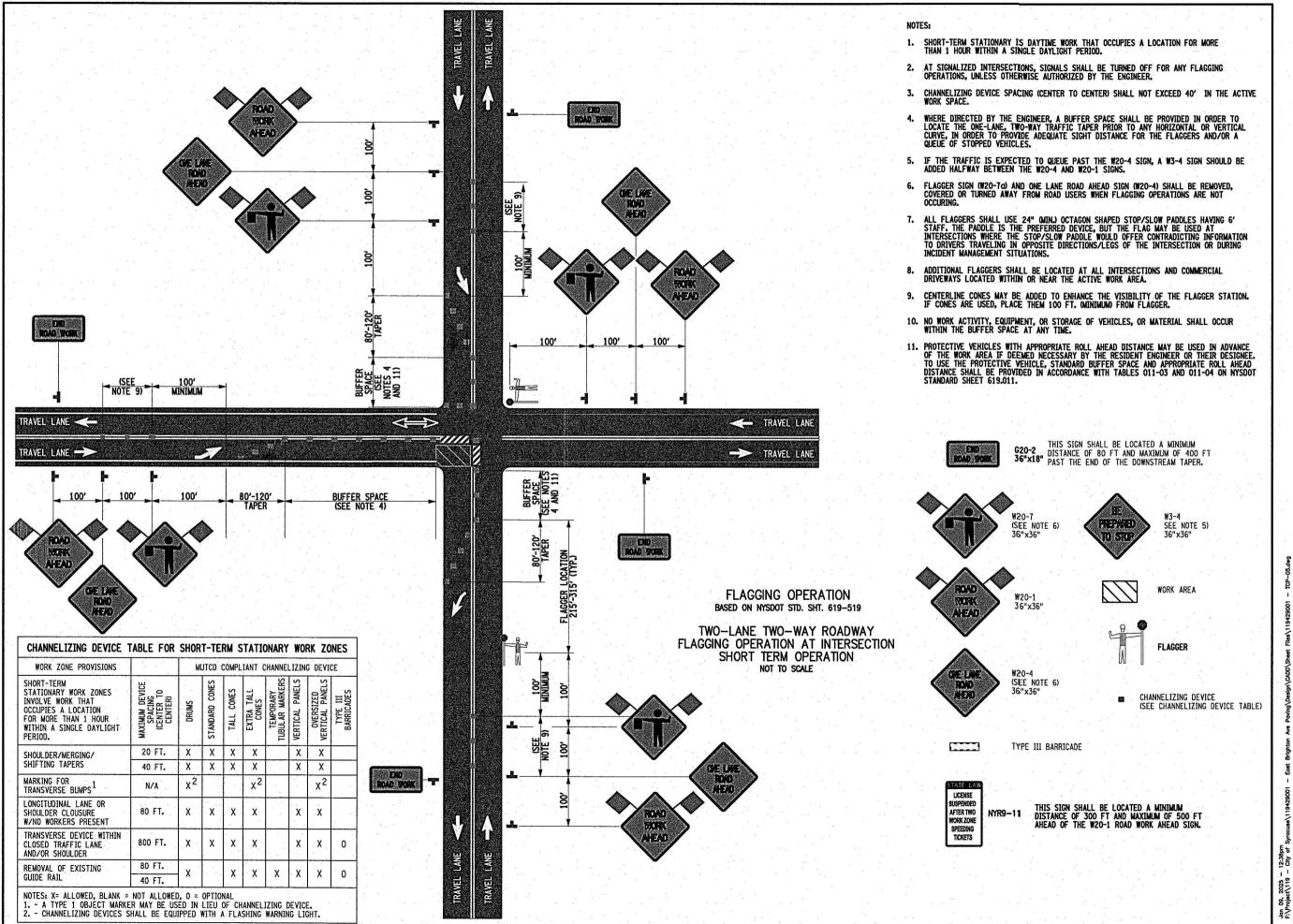
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EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT
CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

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DATE; JANUARY 2025

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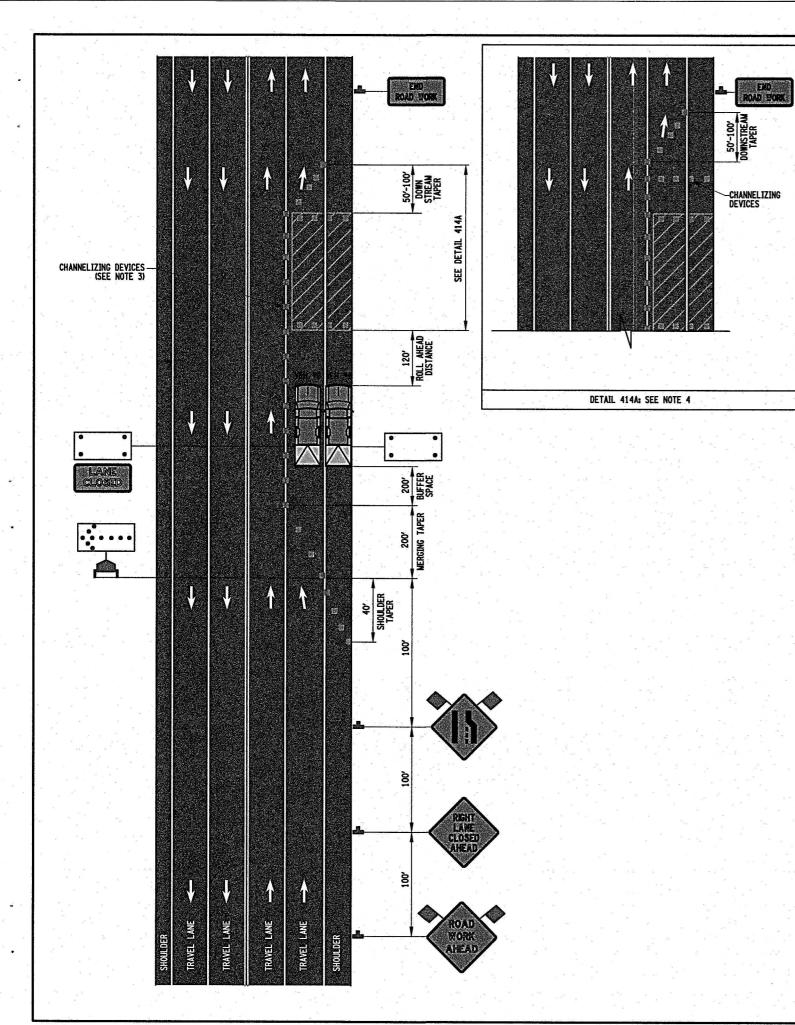
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CONTROL PLAN

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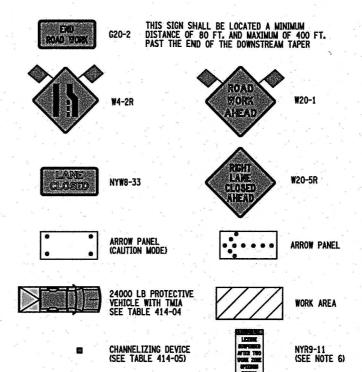


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- INTERMEDIATE-TERM IS STATIONARY WORK THAT OCCUPIES A LOCATION MOR THAN ONE DAYLIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR NIGHTIME WORK LASTING MORE THAN 1 HOUR.
- 2. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
- 3. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 20' IN THE ACTIVE WORK SPACE.
- CHANNELIZING DEVICES SHALL BE PLACED TRANSVERSELY A MINIMUM OF EVERY 800' AS SHOWN WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 800'.
- THE PROTECTIVE VEHICLE(S) SHALL MAINTAIN THE APPROPRIATE ROLL AHEAD DISTANCE, BE AN UNOCCUPIED TRUCK POSITIONED PARALLEL TO TRAFFIC, PARKING BRAKE SET, PLACED IN 2ND GEAR CMANUAL TRANSMISSIONS /ENGINE OFF) OR PARK / NEUTRAL CAUTOMATIC TRANSMISSIONS) AND HAVE THE FRONT WHEELS ALIGNED WITH THE LANE STRIPING.
- THE NYR9-11 SIGN IS RECOMMENDED. WHEN USED, IT SHALL BE PLACED IN ADVANCE OF THE FIRST ADVANCE WARNING SIGN. THE PLACEMENT DISTANCE SHALL BE 1000' FOR POSTED SPEED LIMITS OF 45 MPH OR HIGHER, AND 300' 500' FOR POSTED SPEED LIMITS OF LESS THAN 45 MPH.
- 7. LONG-TERM OPERATIONS WITH LANE CLOSURES MAY REQUIRE INTERIM PAYEMENT MARKINGS (ITEM 619.100103). PLACEMENT SHALL BE AT THE DIRECTION OF THE ENGINEER IN CHARGE.

NOTES ON NIGHTTIME WORK:

- N1. WORK OCCURRING AFTER SUNSET AND BEFORE SUNRISE WILL BE CONSIDERED NIGHTTIME OPERATIONS.
- N2. ALL SIGNS, STOP/SLOW PADDLES AND RED FLAGS USED TO WARN/ALERT/CONTROL TRAFFIC SHALL BE RETROREFLECTIVE.
- N3. ALL WORKERS INVOLVED SHALL WEAR PROTECTIVE HELMETS AND NIGHTTIME APPAREL IN ACCORDANCE WITH \$107-05A. HIGH VISIBILITY APPAREL AT ALL TIMES.
- N4. VEHICLES OPERATING ON THE PAYEMENT OF A CLOSED ROADWAY OR TRAVEL LANE SHALL DISPLAY ROTATING AMBER BEACONS OR FLASHING LED BEACONS AT ALL TIMES.
- N5. LEVEL I ILLUMINATION SHALL BE PROVIDED NEAR THE BEGINNING OF LANE CLOSURE TAPERS AND AT ROAD CLOSURES, INCLUDING THE SETUP AND REMOVAL OF THE CLOSURE TAPERS.
- NG. LEVEL II ILLUMINATION SHALL BE PROVIDED FOR FLAGGING STATIONS, ASPHALT PAYING, MILLING, AND CONCRETE PLACEMENT AND/OR REMOVAL OPERATIONS, INCLUDING BRIDGE DECKS, 50 FEET AHEAD OF AND 100 FEET BEHIND A PAYING OR MILLING MACHINE.
- N7. LEVEL III ILLUMINATION SHALL BE PROVIDED FOR PAVEMENT OR STRUCTURAL CRACK FILLING, JOINT REPAIR, PAVEMENT PATCHING AND REPAIRS, INSTALLATION OF SIGNAL EQUIPMENT OR OTHER ELECTRICAL/MECHANICAL EQUIPMENT, AND OTHER TASKS INVOLVING FINE DETAILS OR INTRICATE PARTS AND EQUIPMENT.
- NB. ALL LIGHTING SHALL BE DESIGNED, INSTALLED, AND OPERATED TO AVOID GLARE THAT AFFECTS TRAFFIC ON THE ROADWAY OR THAT CAUSES ANNOYANCE OR DISCOMFORT FOR RESIDENCES ADJOINING THE ROADWAY.
- N9. PRIOR TO THE START OF NIGHTTIME OPERATIONS, A WRITTEN NIGHTTIME OPERATIONS AND LIGHTING PLAN IS REQUIRED FOR APPROVAL.
- N10. SEE NIGHTTIME SAFETY BULLETIN, HDM §16.5.7, & STANDARD SPECIFICATIONS §619 FOR ADDITIONAL REQUIREMENTS AND CONSIDERATIONS.





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AST BRIGHTON AVENUE
2R PAVING PROJECT
HURBER STREET TO CITY LIMIT
CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

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MARK DATE DESCRIPTION

PROJECT NO: 119.429.001

DATE: JANUARY 2025

DRAWN BY: DJB

DESIGNED BY: DJB

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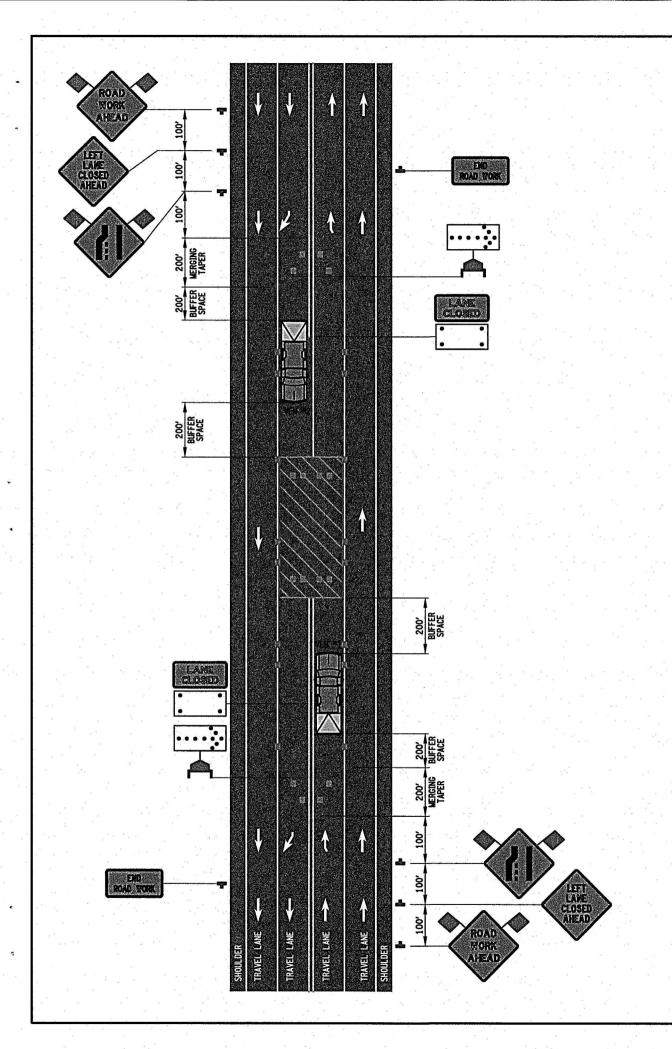
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TRAFFIC CONTROL

TO

TCP-06 20 of 241

PLAN



- INTERMEDIATE-TERM IS STATIONARY WORK THAT OCCUPIES A LOCATION MORE THAN ONE DAYLIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR NIGHTIME WORK LASTING MORE THAN 1 HOUR.
- NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
- 3. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 20' IN THE ACTIVE WORK SPACE.
- THE PROTECTIVE VEHICLE SHALL BE UNOCCUPIED AND SHALL BE POSITIONED PARALLEL TO TRAFFIC AND HAVE THE WHEELS ALIGNED WITH THE LANE STRIPING. IT MUST BE PLACED IN NEUTRAL WITH THE PARKING BRAKE SET (PARK/ 2ND GEAR FOR ENGINE OFF CONDITIONS).
- FOR LOW SPEED (< 45 MPH), LOW VOLUME URBAN STREETS, THE W20-5 SIGN MAY BE OMITTED AND THE W20-1 SIGN RELOCATED TO THAT LOCATION.
- THE PROTECTIVE VEHICLE(S) SHALL MAINTAIN THE APPROPRIATE ROLL AHEAD DISTANCE, BE AN UNOCCUPIED TRUCK POSITIONED PARALLEL TO TRAFFIC, PARKING BRAKE SET, PLACED IN 2ND GEAR CMANUAL TRANSMISSIONS ZENCINE OFF OR PARK / NEUTRAL (AUTOMATIC TRANSMISSIONS) AND HAVE THE FRONT WHEELS ALIGNED WITH
- THE NYR9-11 SIGN IS REOMMENDED. WHEN USED, IT SHALL BE PLACED IN ADVANCE OF THE FIRST ADVANCE WARNING SIGN. THE PLACEMENT DISTANCE SHALL BE 1000' FOR POSTED SPEED LIMITS OF 45 MPH OR HIGHER, AND 300' 500' FOR POSTED SPEED LIMITS OF LESS THAN 45 MPH.
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NOTES ON NIGHTTIME WORK:

- N1. WORK OCCURRING AFTER SUNSET AND BEFORE SUNRISE WILL BE CONSIDERED NIGHTTIME OPERATIONS.
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- LEVEL II ILLUMINATION SHALL BE PROVIDED FOR FLAGGING STATIONS, ASPHALT PAVING, MILLING, AND CONCRETE PLACEMENT AND/OR REMOVAL OPERATIONS, INCLUDING BRIDGE DECKS, 50 FEET AHEAD OF AND 100 FEET BEHIND A PAVING OR MILLING MACHINE.
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- N9. PRIOR TO THE START OF NIGHTTIME OPERATIONS, A WRITTEN NIGHTTIME OPERATIONS AND LIGHTING PLAN IS REQUIRED FOR APPROVAL.
- N10. SEE NIGHTIME SAFETY BULLETIN, HDM §16.5.7, & STANDARD SPECIFICATIONS §619 FOR ADDITONAL REQUIREMENTS AND CONSIDERATIONS.





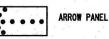
THIS SIGN SHALL BE LOCATED A MINIMUM DISTANCE OF 80 FT. AND MAXIMUM OF 400 FT. PAST THE END OF THE DOWNSTREAM TAPER



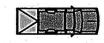








NYW8-33



24000 LB PROTECTIVE VEHICLE WITH TMIA SEE TABLE 423-04

(CAUTION MODE)

CHANNELIZING DEVICE (SEE TABLE 423-05)





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AST BRIGHTON AVENUE 2R PAVING PROJECT THURBER STREET TO CITY LIMIT ENGINEERIN SYRACUSE OF ENGINEE

DEPARTMENT

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 DATE: DRAWN BY: DJB

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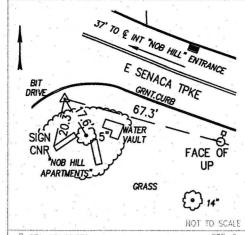
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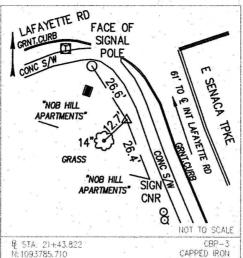
TRAFFIC CONTROL **PLAN**

TCP-07

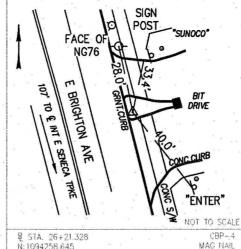
V: 1093289:155 CAPPED IRON F: 942645 484 ROD IN GRASS CAPPED IRON ROD SET ON THE NORTHERLY SIDE OF E SENECA TPKE, 700'+/- EASTERLY OF THE INTERSECTION OF E SENECA TPKE AND "NOB HILL" ENTRANCE



CBP-2 B STA. 16+69.978 CAPPED IRON N: 1093438.950 E: 941992.467 ROD IN CRASS CAPPED IRON ROD SET IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF E SENECA TPKE AND "NOB HILL" ENTRANCE



CAPPED IRON E: 941669.534 ROD IN GRASS CAPPED IRON ROD SET ON THE WESTERLY SIDE OF E SENECA IPKE, 61'+/- SOUTHERLY OF THE INTERSECTION OF E SENECA IPKE AND LAFAYETTE RD



IN CONCRETE ISLAND E: 941603.617 MAG NAIL SET ON THE EASTERLY SIDE OF E BRIGHTON AVE 107'+/- NORTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND E SENECA TPKE

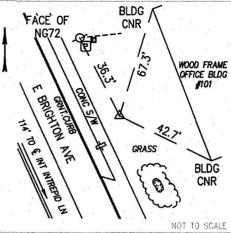
FACE OF

GRASS

NOT TO SCALE

CAPPED IRON

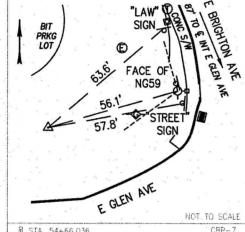
NM11



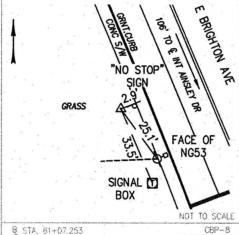
₽ STA. 31+35.359 CBP-5 CAPPED IRON N-1094747 085 E: 941443,447 ROD IN GRASS CAPPED IRON ROD SET ON THE EASTERLY SIDE OF E BRIGHTON AVE, 114'+/- NORTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND INTREPID LN

FACE OF 67 BRIGHTON A. 3. NG69-1A K SIGN POST BRIGHTON HILLS OFFICE PARK SIDEWALK CNR DRIVE CRP-6

CAPPED IRON N-1095142 587 F: 941159.224 CAPPED IRON ROD SET ON THE WESTERLY SIDE OF E BRIGHTON AVE. 413'+/- SOUTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND ROCK OUT RD



₽ STA. 54+66.036 CBP-7 CAPPED IRON N-1096884 080 E: 940554.070 CAPPED IRON ROD SET IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF E BRIGHTON AVE AND E GLEN AVE



940375.566 ROD IN GRASS CAPPED IRON ROD SET ON THE WESTERLY SIDE OF EBRIGHTON AVE, 106'+/- NORTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND AINSLEY DR

NEWBURY HOLLOW LN SIGN POST NEWBURY APARTMENTS 0 BRICHTON **CATCH** BASIN CBP-8 B STA, 68+51.884 CAPPED IRON :1098203.664 E: 940132 127

ROD IN GRASS CAPPED IRON ROD SET IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF E BRIGHTON AVE AND NEWBURY HOLLOW LN

RIT DRIVE 3 **GRASS** BACK OF CURB NOT TO SCALE B STA 74+81 918 CBP-10

CAPPED IRON E: 939812.753 ROD IN GRASS CAPPED IRON ROD SET ON THE WESTERLY SIDE OF E BRIGHTON AVE, 395'+/- NORTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND IVY RIDGE RO

NOTES:

i: 1097499.950

THE BASELINE & BENCHMARK TIES SHOWN WERE ESTABLISHED IN OCTOBER OF 2022, FOR THE PROPOSED EAST BRIGHTON AVE PROJECT (THURBER ST TO THE CITY LINE), - PIN

THE SITE DATUM WAS ESTABLISHED USING THE NYSNET CORS NETWORK AND VERIFIED INDEPENDENTLY WITH AN OPUS SOLUTION ON BASELINE 7. HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, NAD83(CORS2011) CENTRAL ZONE, VERTICAL DATUM IS NAVD88 (GEOID18). THE APPLIED AVERAGE COMBINED SCALE FACTOR FOR THIS PROJECT SITE IS 0.99993319, A TOTAL STATION TRAVERSE WAS NOT UTILIZED FOR THIS PROJECT.

ONSITE COORDINATES WERE ESTABLISHED USING SURVEY GRADE RTK METHODS UTILIZING AN ONSITE BASE HOLDING THE VALUES OF CBP-7. ALL BASELINE AND BENCHMARKS WERE SUBJECT TO REDUNDANCY CHECKS USING THE NYSNET CORS

FINAL ELEVATIONS OF ONSITE BASELINE AND BENCHMARKS WERE ESTABLISHED UTILIZING CLOSED LEVEL LOOPS HOLDING THE ELEVATION OF CBP-7. A MINIMUM OF THIRD ORDER CLOSURES WERE ACCOMPLISHED FOR THE ONSITE LEVEL

ALL MEASUREMENTS ARE US SURVEY FEET.

BENCHMARKS:

BM-75: STA.14+88.24 RIGHT 30.48' EL.732.05' "X" CUT ON WESTERLY PART OF A HYDRANT, ON THE NORTHERLY SIDE OF ESENECA TPKE, 215'± EASTERLY OF THE INTERSECTION OF E SENECA TPKE AND "NOB HILL" ENTRANCE.

BM-76: STA.18+77.10 LEFT 53.87' EL.718.02' R.R SPIKE IN FACE OF UTILITY POLE, ON THE WESTERLY SIDE OF E SENECA TPKE, 331'± SOUTHERLY OF THE INTERSECTION OF

BM-77: STA.23+06.31 RIGHT 35.41' EL.684.61' BOX CUT ON WESTERLY PART OF BASE FOR TRAFFIC GANTRY, ON THE EASTERLY SIDE OF E BRIGHTON AVE. 93'± NORTHERLY OF THE

BM-78: STA.28+27.56 RIGHT 29.40' EL.663.82' BOX CUT ON NORTHERLY PART OF BASE FOR A LIGHT POLE, ON THE EASTERLY SIDE OF E BRIGHTON AVE, 196'± SOUTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND INTREPID LN.

BM-79: STA.34+43.32 RIGHT 66.35' EL.655.88' "X" CUT ON WESTERLY PART OF SANITARY MANHOLE RIM, ON THE EASTERLY SIDE OF E BRIGHTON AVE, 589'± SOUTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND ROCK CUT RD.

BM-80: STA.58+74.66 RIGHT 101.48' EL.549.18' BOX CUT ON SOUTHERLY PART OF CATCH BASIN, ON THE EASTERLY SIDE OF E BRIGHTON AVE, 132'± SOUTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND AINSLEY DR.

BM-81: STA.64+95.73 LEFT 19.41' EL.537.42' "X" CUT ON EASTERLY PART OF ELECTRIC MANHOLE RIM, ON THE WESTERLY SIDE OF E BRIGHTON AVE, 137'± SOUTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND BALL CIR.

BM-82: STA.71+00.25 LEFT 29.31' EL.531.68' "X" CUT ON EASTERLY PART OF STORM MANHOLE RIM, DUE WEST 25' \pm OF E BRIGHTON AVE AND IVY RIDGE RD INTERSECTION.

BM-83: STA.78+27.16 LEFT 28.74' EL.538.18' "X" CUT ON EASTERLY PART OF HYDRANT, ON THE WESTERLY SIDE OF E BRIGHTON AVE, 742'± NORTHERLY OF THE INTERSECTION OF BRIGHTON AVE AND IVY RIDGE RD.

BM-84: 84+64.94 LEFT 52.23' EL.525.67'
BOX CUT ON EASTERLY PART OF BASE FOR TRAFFIC CANTILEVER, ON THE WESTERLY SIDE OF E BRIGHTON AVE, 189'± SOUTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND THURBER ST.

Warren Ramie Surveying 6437 Collamer Road East Syracuse, NY 13057 Phone 315-458-8979 Fax 315-458-8978 www.warrenramie.com





EAST BRIGHTON AVENUE 2R PAVING PROJECT THURBER STREET TO CITY LIMITS CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION REVISIONS PROJECT NO: 119.429.001 DATE: AUGUST 2024 DRAWN BY: JAK DESIGNED BY: JFR

CHECKED BY: JTG NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

BASELINE TIES AND **BENCHMARKS**

BLT-01

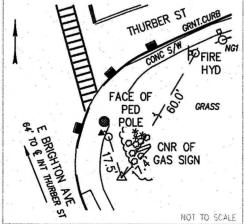
22 of 241

BASIN PRKG LOT 69.3 "NO STOP" SIGN FACE OF NM20 DRIVE

NOT TO SCALL B STA: 81+11 023 N: 1099346.517 CAPPED IRON F: 939622.876 ROD IN GRASS

CAPPED IRON ROD SET ON THE EASTERLY SIDE OF E BRIGHTON AVE, 537'+/- SOUTHERLY OF THE INTERSECTION OF E BRIGHTON AVE AND THURBER ST

CBP-11



CBP-12 ₽ STA. 85+85.774 N:1099778.636 CAPPED IRON ROD IN GRASS E: 939426.250

CAPPED IRON ROD SET IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF E BRIGHTON AVE AND THURBER ST

ALL AZIMUTHS AND BEARINGS ARE REFERRED TO GRID NORTH.

Number	STATION	SIDE	DRIVEWAY	ADDDECC	DROBERTY OWNER(6)	RELEASE TYPE	COMMENTS INCLUDE DUDDOSE	OLONIED
vumber	STATION	SIDE	NO.	ADDRESS	PROPERTY OWNER(S)		COMMENTS, INCLUDE PURPOSE	SIGNED
					TI	HURBER TO AINSLEY		
1	13+71 TO 13+98	RT	_	416 E BRIGHTON AVE	416 E BRIGHTON, LLC	GRADING	GRADE BEHIND IT PROPOSED SIDEWALK AND PLACE ASPHALT MOWING STRIP. ELIMINATE UNUSED DRIVEWAY. REDUCE MAIN DRIVEWAY OPENING 30'.	Х
2	15+55 TO 15+71	LT	-	425 E BRIGHTON AVE	TY KUHNS, LLC	GRADING	GRADE BEHIND PROPOSED SIDEWALK. RE-GRADE AROUND FIELD INLETS AND RESTORE DRIVEWAY PAVEMENT.	X
3	13+98 TO 14+43	RT		426 E BRIGHTON AVE	CRANESVILLE BLOCK CO, INC	GRADING	GRADE BEHIND PROPOSED SIDEWALK AND PLACE ASPHALT MOWING STRIP. REDUCE DRIVEWAY OPENING TO 45'	Х
.4	15+65 TO 16+30	RT		430 E BRIGHTON AVE	NIAGARA MOHAWK POWER CORP	GRADING	GRADE BEHIND PROPOSED SIDEWALK.	X
5	16+30 TO 17+96	RT	3-5 & 4-1	436 E BRIGHTON AVE	CRANESVILLE BLOCK CO, INC	GRADING & RE-ESTABLISH APPROACHES	GRADE BEHIND BEHIND PROPOSED SIDEWALK AND RESTORE DRIVEWAY PAVEMENT. REDUCE DRIVEWAY OPENINGS TO 20' AND 45'.	х
6	17+96 TO . 19+37	RT	4-2 & 5-1	448 E BRIGHTON AVE	VALLEY 1800 LLC	RE-ESTABLISH APPROACHES	RESTORE DRIVEWAY PAVEMENT BEHIND BEHIND PROPOSED SIDEWALK. RE-STRIPE EFFECTED PARKING SPACES. REDUCE DRIVEWAYS OPENINGS TO 20'.	X
7	19+37 TO 19+97	RT	5-3	452 E BRIGHTON AVE	VALLEY 1800 LLC	RE-ESTABLISH APPROACHES	RESTORE DRIVEWAY PAVEMENT BEHIND BEHIND PROPOSED SIDEWALK. RE-STRIPE EFFECTED PARKING SPACES. REDUCE DRIVEWAYS OPENINGS TO 30'.	х
8	20+28 TO 21+47	RT	5-5	456 E BRIGHTON AVE	NAFRIREAL ESTATE, LLC	RE-ESTABLISH APPROACHES	RESTORE DRIVEWAY BEHIND PROPOSED SIDEWALK, REDUCE DRIVEWAY TO OPEING TO 45' & SHIFT TO CENTER PARKING LOT.	Х
9	20+82 TO 26+38	LT	5-2, 5-4, 5-6, 6-1 & 7-3	479 E BRIGHTON AVE	TY KUHNS, LLC	GRADING & RE-ESTABLISH APPROACHES	GRADE BEHIND BEHIND PROPOSED SIDEWALK AND RESTORE DRIVEWAY PAVEMENT. NORTH PARKING LOT TO BE REDUCED TO TWO 30' DRIVEWAY ENTRANCES. LOADING DOCK DRIVEWAY TO REMAIN UNCHANGED. SOUTH PARKING LOT TO HAVE ONE 65' DRIVEWAY OPENING. CONNECT DRAINAGE PIPE TO STRUCTURE DS-XX.	X
10	27+09 TO 27+38	RT.	8-1, 8-2 & 8-3	492 E BRIGHTON AVE	WILLIAM POMEROY REALTY, LLC	RE-ESTABLISH APPROACHES	RESTORE DRIVEWAY PAVEMENT BEHIND IT BEHIND PROPOSED SIDEWALK, REDUCE DRIVEWAY OPENINGS TO 30'	
11	27+71 TO 28+37	RT		498 E BRIGHTON AVE	NIAGARA MOHAWK POWER CORP	RE-ESTABLISH APPROACHES	RESTORE DRIVEWAY PAVEMENT BEHIND PROPOSED SIDEWALK.	X
12	28+57 TO 29+54	RT	9-1, 9-2	500 E BRIGHTON AVE	GF BRIGHTON PROP, LLC	RE-ESTABLISH APPROACHES	RESTORE DRIVEWAY PAVEMENT BEHIND PROPOSED SIDEWALK. ELIMINATE TRIPLE DRIVEWAY TO TWO 30' OPENINGS.	Х
13	27+11 TO 27+31	LT		228 THURBER ST TO BRIGHTON AVE	DLH CLARENDON, LLC	GRADING	GRADE BEHIND IT PROPOSED SIDEWALK.	Х
14	28+78 TO 29+87	LT	-	501 E BRIGHTON AVE	ZAVAGLIA COSIMO	GRADING	GRADE BEHIND IT PROPOSED SIDEWALK.	
15	29+87 TO 30+83	LT	10-2	515 E BRIGHTON AVE	210 W SENECATPK, LLC	RE-ESTABLISH APPROACHES	RESTORE DRIVEWAY PAVEMENT BEHIND PROPOSED SIDEWALK. REDUCE MAIN DRIVEWAY OPENING TO 30'.	X
16	31+65 TO 32+51	LT	10-5 & 11-1	529 E BRIGHTON AVE	DAVID MELILLO IRREVOCABLE TRST MELILLO SAMANTHA	RE-ESTABLISH APPROACHES	RE-GRADE AND RESTORE DRIVEWAY PAVEMENT BEHIND PROPOSED SIDEWALK. RE-STRIPE EFFECTED PARKING SPACES. REDUCE AND SHIFT BRIGHTON AVE DRIVEWAY OPENING TO 30'. INSTALL NEW CURB AT BALL CIRCLE TO DEFINE 20' DRIVEWAY OPENING.	X
17	32+51 TO 33+46	LT	11-2 & 11-4	541 E BRIGHTON AVE	GARY N CURTIS	RE-ESTABLISH APPROACHES	RE-GRADE AND RESTORE DRIVEWAY PAVEMENT BEHIND PROPOSED SIDEWALK. SEPARATE DRIVEWAY OPEINING FROM DINER.	
18	33+46 TO 34+37	LT.	11-5 & 11-7	551 BRIGHTON AVE	RICHARD FRIER & ELENA M. FRIER	RE-ESTABLISH APPROACHES	RE-GRADE DRIVEWAY PAVEMENT BEHIND PROPOSED SIDEWALK. REDUCE DRIVEWAY OPENING TO 30'.	Х
19	34+37 TO 34+84	LT	12-2	559 BRIGHTON AVE	SYRACUSE SERVICES, INC.	RE-ESTABLISH APPROACHES	RE-GRADE AND RESTORE DRIVEWAY PAVEMENT PROPOSED SIDEWALK.	X
20	35+64 TO 35+80 35+80 TO	LT	12-4	565 BRIGHTON AVE &	RAYMOND J. SHELL, JR.	RE-ESTABLISH APPROACHES	RE-GRADE AND RESTORE DRIVEWAY PAVEMENT BEHIND PROPOSED SIDEWALK.	Х
21	36+75 38+16 TO	LT	14-1	AINSLEY	571 E BRIGHTON AVE, LLC AINSLEY INDUS. PK	RE-ESTABLISH APPROACHES RE-ESTABLISH	RE-GRADE AND RESTORE DRIVEWAY PAVEMENT PROPOSED SIDEWALK.	X
22	38+66	LT	. •	621 BRIGHTON AVE	PARTNERSHIP	APPROACHES ON TOWERS TO CITY LIN	GRADE BEHIND PROPOSED SIDEWALK.	X
		1.2			וווטואם	GRADING &	mii	
23	57+54 TO 58+00	RT	19-1	962 E BRIGHTON AVE TO SENECA TPK	EAST HURON STREET, LLC	RE-ESTABLISH APPROACHES	REPLACE EXISTING SIDEWALK, GRADE AND RESTORE DRIVEWAY PAVEMENT BEHIND IT.	Х
24	S 2+94 TO S 4+20	RT	21-1	565 SENECATPK	BRIGHTON AVE GAS, INC.	RE-ESTABLISH APPROACHES	RESTORE DRIVEWAY PAVEMENT BEHIND PROPOSED SIDEWALK. ELIMINATE DOUBLE DRIVEWAY TO ONE 45' DRIVEWAY OPENING.	X
25	61+01 TO 63+36	RT		104 LAFAYETTE RD & SENECA TPK	KINNEY-BRIGHTON, LLC	SIDEWALK, GRADING & RE-ESTABLISH APPROACHES	REPLACE EXISTING SIDEWALK AND GRADE BEHIND IT.	



C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com

1/9/2025





2R PAVING PROJECT THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001

DATE: JANUARY 2025

DRAWN BY: DJB DESIGNED BY: DJB

CHECKED BY: DOS

NO ALTERATION PERMITTED HEREON
EXCEPT AS PROVIDED UNDER SECTION
7209 SUBDIVISION 2 OF THE NEW YORK
EDUCATION LAW

MISCELLANEOUS TABLES

MST-01

FULL DEPTH PAVEMENT REPAIR TABLE

ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL

ITEM 207.21 - GEOTEXTILE SEPARATION

ITEM 304.12 - SUBBASE COURSE, TYPE 2

ITEM 404.1989 - 19 F9 BINDER COURSE ASPHALT, 80 SERIES COMPACTION

ITEM 404.2589 - 25 F9 BASE COURSE ASPHALT, 80 SERIES COMPACTION

ITEM 627.50140008 - CUTTING PAVEMENT

REPAIR NO.	AREA (SF)	ITEM 203.02 (CY)	ITEM 207.21 (SY)	12" ITEM 304.12 (CY)	4" ITEM 404.1989 (TON)	6" ITEM 404.2589 (TON)	ITEM 627.50140008 (LF)
		THURBER S	TREET TO AI	NSLEY DRIVE (PRP-01 TO PR	(P-15)	
1-1	1264	85.8	140.4	46.8	30.8	47.1	153
1-2	4790	325.2	532.2	177.4	116.9	178.6	360
2-1	2144	145.6	238.2	79.4	52.3	79.9	292
3-1	3573	242.6	397.0	132.3	87.2	133.3	456
5-1	4757	323.0	528.5	176.2	116.1	177.4	422
6-1	1669	113.3	185.5	61.8	40.7	62.3	260
7-1	1430	97.1	158.9	53.0	34.9	53.3	234
8-1	10960	744.2	1217.8	405.9	267.5	408.8	775
11-1	262	17.8	29.2	9.7	6.4	9.8	68
11-2	6697	454.8	744.1	248.0	163.5	249.8	828
13-1	977	66.4	108.6	36.2	23.9	36.5	147
2	SUBTOTAL	2616	4280	1427	940	1437	3995
		BRIGHTON	TOWERS TO	CITY LIMIT (P	RP-16 TO PRE	2-27)	<u> </u>
16-1	2332	158.4	259.1	86.4	56.9	87.0	211
17-1	245	16.6	27.2	9.1	6.0	9.1	63
17-2	481	32.7	53.5	17.8	11.8	18.0	92
17-3	720	48.9	80.0	26.7	17.6	26.9	116
18-1	1380	93.7	153.4	51.1	33.7	51.5	216
19-1	1915	130.0	212.7	70.9	46.7	71.4	192
19-2	647	43.9	71.8	23.9	15.8	24.1	133
20-1	1272	86.4	141.4	47.1	31.1	47.5	164
20-2	1131	76.8	125.6	41.9	27.6	42.2	200
22-1	472	32.1	52.5	17.5	11.5	17.6	89
22-2	261	17.7	29.0	9.7	6.4	9.7	65
22-3	2920	198.3	324.4	108.1	71.3	108.9	295
24-1	1949	132.3	216.5	72.2	47.6	72.7	284
25-1	2636	179.0	292.8	97.6	64.3	98.3	304
26-1	663	45.0	73.7	24.6	16.2	24.7	107
1 "	SUBTOTAL	1292	2114	705	464	709	2530
	TOTAL	3907	6394	2131	1405	2146	6525

NOTE: FULL DEPTH AREAS ARE OFFSET 2' FROM PROPOSED EAST CURB LINE (THURBER STREET TO AINSLEY DRIVE). AREAS THAT OVERLAP CURB REPLACEMENT ELSEWHERE ARE NEGLIBLE SO NOT INCLUDED.

MILLING TABLE

ITEM 490.10 - PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE

ITEM 490.30 - MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE

DESCRIPTION	FROM STATION	TO STATION	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SF)	ITEM 490.10 (SY)	ITEM 490.3 (SY)
	THURBER STE	REET TO AINSL	EY DRIVE (PLN	V-01 TO PLN-15)			
EAST BRIGHTON AVE (MAINLINE)	10+08	36+46	2,638.1	37.0	97,609	10845	
THURBER STREET	T 5+12	T 5+55	42.9	89,4	3,839		427
THURBER STREET	T 5+55	T6+04	49.5	40.1	1,985	4.1	221
IVY RIDGE ROAD	26+23	27+37	10.9	88.4	963		107
NEWBURY HOLLOW LANE	27+97	29+03	10.5	80.4	844		94
BALL CIRCLE	B 5+13	B 5+67	54.0	57.9	3,126		347
BALL CIRCLE	B 5+67	B 6+08	40.6	26,0	1,055	8	117
EAST BRIGHTON AVE (MAINLINE)	36+46	38+55	208.9	46.8	9,777	1086	
AINSLEY DRIVE	A 5+20	A 5+76	55.8	93.1	5,190		577
AINSLEY DRIVE	A 5+76	A 6+69	92.7	41.0	3,799		422
EAST BRIGHTON AVE (MAINLINE)	38+55	40+13	158.0	58.7	9,271	1030	
					SUBTOTAL	12962	2311
	BRIGHTON	TOWER TO CIT	Y LIMIT (PLN-1	16 TO PLN-27)			
BRIGHTON HILL OFFICE PARK	50+10	50+68	23.6	36.4	858		87
EAST BRIGHTON AVE (MAINLINE)	50+28	54+13	385.1	61,5	23,665	2629	
BRIGHTON TOWERS DRIVEWAY	50+47	51+30	41.9	40,8	1,710		190
EAST BRIGHTON AVE (MAINLINE)	54+13	59+98	585.4	52.0	30,440	3382	
INTREPID LANE	55+28	56+05	25.2	52,6	1,326		147
EAST BRIGHTON AVE/ E SENECA TPK (MAINLINE)	59+98	61+29	130.6	46.0	6,008	668	1 20
E SENECA TPK	S 2+94	S 4+57	163.0	40.0	6,521	. 12	725
E SENECA TPK	S 4+57	S 4+90	32.8	84.2	2,758		306
E SENECA TPK (MAINLINE)	61+29	61+59	30.1	40.0	1,204	134	
E SENECA TPK (MAINLINE)	61+59	62+07	47.5	46.0	2,184	243	
E SENECA TPK (MAINLINE)	62+07	63+23	116.6	52.0	6,064	674	
E SENECA TPK (MAINLINE)	63+23	64+34	110.8	46.2	5,120	569	
LAFAYETTE ROAD (WEST)	63+23	64+33	33.4	32.4	1,082	2	120
LAFAYETTE ROAD (EAST)	63+36	64+01	72.9	47.0	3,423	5 5 5	380
E SENECA TPK (MAINLINE)	64+34	67+05	271.0	34.2	9,270	1030	
E SENECA TPK (MAINLINE)	67+05	75+13	808.0	28.0	22,624	2514	
NOB HILL APARTMENTS DRIVEWAY	68+10	69+18	9.8	86.3	846		94
					SUBTOTAL	11842	2050
* **				ROI	UNDED TOTAL	24810	4370



C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com





CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION PROJECT NO: 119.429.001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB

CHECKED BY: DOS

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

MISCELLANEOUS TABLES

MST-02

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CURB AND UNDERDRAIN TABLE

ITEM 206.0201 - TRENCH AND CULVERT EXCAVATION

ITEM 605.0901 - UNDERDRAIN FILTER TYPE 1

ITEM 605.1701 - OPTIONAL UNDERDRAIN PIPE 4" DIAMETER

ITEM 605.1702 - OPTIONAL UNDERDRAIN PIPE 6" DIAMETER

ITEM 609.15 - RESETTING EXISTING CURB

ITEM 609.0212 - STONE CURB NEAR VERTICAL FACE (NVF)

FROM STATION	OFFSET (FT)	TO STATION	OFFSET (FT)	RADIUS (FT)	CENTER OF RADIUS	OFFSET (FT)	ITEM 206.0201 (CY)	ITEM 605.0901 (CY)	ITEM 605.1701 (LF)	ITEM 605.1702 (LF)	ITEM 609.15 (LF)	ITEM 609.0212 (LF)	COMMENT
* (*		v , * n		THURBE	R ST TO AIN	SLEY DR (P	LN-01 TO PL	N-15)		
10+38.1	11.7 LT	T 5+37.7	27.3 LT	50	T 5+57.1	72.2 LT	4.5	4.5	54.0			54.0	
T 5+28.2	33.7 RT	11+77.2	13.0 LT	50	T 5+66.8	68.4 RT	3.2	3.2	38.4	0 2		38.4	COMPOUND CURVE
T 5+28.2	33.7 RT	T 5+62.5	18.5 RT	50	T 5+67.9	67.2 RT	3.1	3.1	37.4			37.4	COMPOUND CURVE
T 5+62.5	18.5 RT	T 5+73.4	17.9 RT		8 85		0.9	0.9	10.9			10.9	
11+11.2	24.0 RT	35+21.9	24.0 RT				200.9	200.9	2410.7	B E	4 K A	2410.7	
11+77.2	13.0 LT	26+23.0	13.0 LT				120.5	120.5	1445.8			1445.8	SEE NOTE 3
13+03.9	13.0 LT	13+14.5	17.4 LT	15	13+03.9	28.0 LT	1.0	1.0	11.8			11.8	MIRABITO DRIVEWAY
13+31.8	17.4 LT	13+34.5	13.0 LT	3	13+34.5	16.0 LT	0.5	0.5	6.0	0 4		6.0	MIRABITO DRIVEWAY
15+93.9	20.0 LT	16+13.9	20.0 LT									20.0	BEGIN BACK CURB WITH TRANSITION FROM EXISTING GRADE TO 8" REVEAL (10 FT.). END BACK CURB MEETING PROPOSED GRADE (10 FT.) WITH NO REVEAL
26+23.0	13.0 LT	26+48.7	24.0 LT	35	26+23.0	48.0 LT	2.4	2.4	28.5			28.5	
27+11.7	23.8 LT	27+37.0	13.0 LT	35	27+37.0	48.0 LT	2.4	2.4	28.3			28.3	
27+37.0	13.0 LT	27+97.2	13.0 LT			x^2	5.0	5.0	60.2			60.2	
27+97.2	13.0 LT	28+22.3	23.5 LT	35	27+97.2	48.0 LT	2.3	2.3	27.9	a n		27.9	
28+80.5	20.7 LT	29+03.1	13.0 LT	37	29+03.1	50.0 LT	2.4	2.4	28.4			28.4	
29+03.1	13.0 LT	30+59.7	13.0 LT				13.1	13.1	156.6			156.6	
30+59.7	13.0 LT	30+98.8	36.1 LT	45	30+59.7	58.0 LT	3.8	3.8	45.3			45.3	
31+82.8	13.0 LT	B 5+64.0	15.2 RT	40	31+82.8	53.0 LT	5.7	5.7	68.6			68.6	COMPOUND CURVE
B 5+64.0	15.2 RT	B 5+93.4	13.0 RT	150	32+91.6	37.3 LT	2.4	2.4	28.6			28.6	COMPOUND CURVE
B 5+93.4	13.0 RT	B 6+00.7	13.0 RT				0.6	0.6	7.3	g* 0	"	7.3	
B 6+00.7	13.0 RT	B 6+07.5	14.2 RT				0.6	0.6	6.8	1111		6.8	END CURB TRANSITION TO MEET EXISTING GRADE
31+82.8	13.0 LT	36+46.1	13.0 LT				38.6	38.6	463.3			463.3	SEE NOTE 4
34+37.0	32.0 RT	34+86.0	32.0 RT			, ,						49.0	BEGIN BACK CURB WITH TRANSITION FROM EXISTING GRADE TO 4" CURB REVEAL. END BACK WITH TRANSITION TO EXISTING GRADE.
34+83.8	21.0 LT	35+35.0	21.0 LT						* * * * * * * * * * * * * * * * * * *			51.2	BEGIN BACK CURB WITH TRANSITION FROM EXISTING GRADE TO 6"-8" CURB REVEAL. END BACK CURB AT NEW STEP
35+06.0	32.0 RT	35+36.6	32.0 RT				# # W		N-1	2 01 2 01		30.6	BEGIN BACK CURB WITH TRANSITION FROM EXISTING GRADE TO 4" CURB REVEAL. END BACK WITH TRANSITION TO EXISTING GRADE.
35+37.9	21.0 LT	35+63.7	21.0 LT	v v			*		H 194 19	1 m		25.8	BEGIN BACK CURB AT STEP WITH 6"-8" CURB REVEAL, ENI BACK CURB WITH TRANSITION TO EXISTING GRADE
36+46.1	13.0 LT	36+90.4	19.9 LT	150	36+46.1	163.0 LT	3.8	3.8	45.1			45.1	COMPOUND CURVE
36+86.4	24.8 RT	37+59.7	26.4 RT		2	25	6.1	6.1	73.0		8	73.0	
36+90.4	19.9 LT	A 5+52.4	29.4 LT	.50	A 5+61.7		4.1	4.1	49.7	A 5 W	1 ts. //	49.7	COMPOUND CURVE
A 5+52.4	29.4 LT	A 5+76.1	26.9 LT	150	A 5+77.2	176.9 LT	2.0	2.0	24.3	40 g	. 2	24.3	COMPOUND CURVE
A 5+76.1	26.9 LT	A 5+93.8	26.4 LT				1.5	1.5	17.7			17.7	
A 5+76.9	19.6 RT	38+09.3	34.3 LT	50	A 5+89.9	and the same of th	4.7	4.7	56.9		1	56.9	COMPOUND CURVE
A 5+93.8	26.4 LT	A 6+69.9	21.1 LT	382	A 5+84.2		6.3	6.3	76.1	5 4 2 5 5	N 1 2 20 4	76.1	
38+09.3	34.3 LT	38+55.1	28.2 LT	150	A 7+00.0	78.3 RT	3.9	3.9	46.2	*	40.00	46.2	COMPOUND CURVE
8 8 9			N E		S	UBTOTAL	446.1	446.1	5354	0	50.0	5530	



C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com

/9/2025





CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING
D040386

AVING PROJECT
R STREET TO CITY LIMIT

DIN 37

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001

DATE: JANUARY 2025

DRAWN BY: DJB

DESIGNED BY: DJB

CHECKED BY: DOS

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

MISCELLANEOUS TABLES

MST-03

Jan 09, 2025 – 12:39pn F:\Project\119 – City of

Conveight

CURB AND UNDERDRAIN TABLE (CONTINUED)

ITEM 206.0201 - TRENCH AND CULVERT EXCAVATION

ITEM 605.0901 - UNDERDRAIN FILTER TYPE 1

ITEM 605.1701 - OPTIONAL UNDERDRAIN PIPE 4" DIAMETER

ITEM 605.1702 - OPTIONAL UNDERDRAIN PIPE 6" DIAMETER

ITEM 609.15 - RESETTING EXISTING CURB

ITEM 609.0212 - STONE CURB NEAR VERTICAL FACE (NVF)

FROM STATION	OFFSET (FT)	TO STATION	OFFSET (FT)	RADIUS (FT)	CENTER OF RADIUS	OFFSET (FT)	ITEM 206.0201 (CY)	ITEM 605.0901 (CY)	ITEM 605.1701 (LF)	ITEM 605.1702 (LF)	ITEM 609.15 (LF)	ITEM 609.0212 (LF)	COMMENT
	L									(PLN-16 TO F	PLN-27)	1	
50+52.4	53.8 RT	50+54.9	46.6 RT				10.0	10.0		120		7.7	BEGIN CURB TRANSITION, OUTLET UNDERDRAIN TO DS 16-
50+54.9	46.6 RT	50+67.7	37.1 RT	14	50+68.2	51.0 RT	1.4	1.4		16.9	× 25	16.9	
50+67.7	37.1 RT	59+98.4	26.0 RT				77.6	77.6		930.7		930.7	
51+07.7	66.0 LT	51+08.9	69.4 LT				0.3	0.3	3.6			3.6	
51+07.7	66.0 LT	51+30.3	32.4 LT	25	51+31.4	57.4 LT	3.9	3.9	47.1			47.1	BRIGHTON TOWER'S DRIVEWAY
51+30.3	32.4 LT	51+40.4	32.0 LT			1 N	0.8	0.8	10.1			10.1	
53+61.5	25.8 LT	53+89.3	25.8 LT				2.3	2.3	27.8	**		27.8	
54+74.8	25.9 LT	55+05.3	25.8 LT				2.5	2.5	30.5	7		30.5	
55+28.2	25.9 LT	55+52.6	50.2 LT	25	55+28.1	50.9 LT	3.2	3.2	38.4			38.4	END CURB TRANSITION
55+52.6	50.2 LT	55+52.6	52.4 LT				0.0					2.1	
55+81.1	50.5 LT	56+05.3	25.8 LT	25	56+05.5	50.8 LT	3.2	3.2	38.6			38.6	BEGIN CURB TRANSITION
56+77.5	25.9 LT	57+14.3	25.9 LT	51 32 - 18			3.1	3.1	36.8			36.8	
58+03.6	25.9 LT	58+46.2	25.8 LT			8 0	3.5	3.5	42.6			42.6	
58+74.8	26.0 LT	59+21.6	26.0 LT				3.9	3.9	46.8			46.8	
59+98.4	26.0 RT	S 4+24.3	14.0 LT	45	S 4+24.3	59.0 LT	6.7	6.7	80.4			80.4	
60+16.5	26.0 LT	61+87.8	26.1 LT				14.3	14.3	171.3		9 9	171.3	
60+60.3	36.2 LT	60+61.5	45.1 LT				0.7	0.7	8.9			8.9	CAR WASH DRIVEWAY
61+01.0	36.2 LT	61+02.5	47.4 LT				1.0	1.0	11.4			11.4	CAR WASH DRIVEWAY
3 2+94.0	14.0 LT	S 4+24.3	14.0 LT	559	55+08.5	78.4 LT	10.6	10.6	127.2	2 0 g 2	2 2 20	127.2	
S 3+04.4	22.0 LT	S 3+30.5	22.0 LT			ar ar						26.1	BEGIN BACK CURB WITH TRANSITION FROM EIXSTING GRADE TO 7" REVEAL; END BACK CURB WITH TRANSITION TO EXISTING GRADE
S 3+81.7	22.0 LT	S 4+08.4	22.0 LT			W 18		ee p				26.7	BEGIN BACK CURB TRANSITION FROM EXISTING GRADE TO 7" REVEAL, MEET NEW CURB FROM LANDSCAPING BED
S 4+08.4	22.0 LT	S 40+09.0	28.1 LT	2	S 4+10.1	24.0 LT						7.4	BEGIN BACK CURB FROM LANDSCAPE BED
S 4+08.4	22.0 LT	59+85.8	38.0 RT	2	59+87.8	38.0 RT		18 14 1 0				87.9	CONTINUE BACK CURB, REVEAL VARIES; END BACK CURE WITH TRANSITION TO EXISTING LANDSCAPE BED
S 4+47.6	26.0 RT	S 4+68.0	26.0 RT				1.7	1.7	20.4			20.4	
S 4+68.0	26.0 RT	61+29.0	14.1 RT	40	61+29.5	54.1 RT	4.5	4.5	54.3			54.3	
63+16.0	25.8 RT	63+23.2	25.8 RT				0.6	0.6	7.2		. 8 2	7.2	
63+23.2	25.8 RT	63+62.1	61.4 RT	40	63+23.1	65.8 RT	4.8	4.8	58.1	8	2 2	58.1	
63+16.0	26.2 LT	63+35.6	26.2 LT		2 2		1.6	1.6	19.6			19.6	
3+35.6	26.2 LT	63+59.8	43.3 LT	25	63+35.7	51.2 LT	2.6	2.6	31.4			31.4	
3+59.8	43.3 LT	63+66.7	63.0 LT	0 0 0			1.7	1.7	20.8			20.8	END CURB TRANSITION
	61.4 RT	63+63.2	70.8 RT		*		0.8	0.8	9.5			9.5	END CURB TRANSITION
m and i	50.8 LT	63+86.5	56.4 LT	2 mi mi	84.515		0.5	0.5	6.0			6.0	END CURB TRANSITION
	50.8 LT	64+01.3	27.3 LT	17'-6"	64+01.6	44.8 LT	2.8	2.8	33.6			33.6	
A STATE OF THE STA	89.3 RT	63+96.3	56.9 RT		04:50.5	L	2.7	2.7	32.5			32.5	BEGIN CURB TRANSITION
	56.9 RT	64+33.0	13.7 RT	40	64+33.5	53.7 RT	5.4	5.4	64.5			64.5	
	27.3 LT	64+13.0	27.0 LT				1.0	1.0	11.7		 	11.7	
6+02.5	19.9 LT	66+28.4	18.9 LT		00:410	44.0 ==	2.2	2.2	25.9			25.9	
68+18.6	15.0 RT	68+34.5	23.6 RT	30	68+14.2	44.6 RT	1.5	1.5	18.5			18.5	NOB HILL DRIVEWAY
38+30.5	13.8 LT	68+87.9	14.1 LT	-			4.8	4.8	57.4	0 E 6 7 0		57.4	
70+87.6	13.8 LT	71+20.0	13.6 LT	1.1	* *		2.7	2.7	32.4			32.4	
74+27.4	13.8 LT	74+57.3	14.0 LT	* * *	, , To		2.5	2.5	29.9			29.9	
					S	UBTOTAL	193.6	193.6	1255	1068	50.0	2361	
× *	5 %	· ·		n ²	N 1	TOTAL	640	640	6609	1068	100	7891	



C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com





CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

PROJECT NO: 119.429.001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS

MARK DATE DESCRIPTION

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

MISCELLANEOUS TABLES

MST-04

CONCRETE SIDEWALK TABLE

ITEM 608.0101 - CONCRETE SIDEWALKS AND DRIVEWAYS ITEM 608.21000003 - CAST IRON EMBEDDED DETECTABLE WARNING UNITS

FROM STATION	TO STATION	SIDE	LENGTH (FT)	WIDTH (FT)	AREA (SF)	DEPTH (IN)	ITEM 608.0101 (CY)	ITEM 608.21000003 (SY)	COMMENTS
g 8 g		1 1 1		THURBE	R ST TO	INSLEY	OR (PLN-01 T	O PLN-15)	
11+07.2	11+14.2	RT	7.0	5.0	35.0	5	0.5		
11+14.2	11+41.6	RT	27.4	5.0	137.0	7	3.0		DW 1-3
T 5+95.1	11+86.0	RT/LT	109.1	5.0	545.5	5	8.4		
T 5+45.6	11+59.9	RT/LT	40.9	VARIES	198.1	. 7	4.3	2.6	CURB RAMP 1, 2 & APRON
11+49.2	11+60.2	RT	11.0	3.0	17.8	5	0.3	1.1	CURB RAMP 3
11+41.6	12+33.0	RT	91.4	5.0	456.9	5	7.1		
12+33.0	12+63.1	RT	30.1	5.0	150.5	. 7	3.3		DW 2-1
12+63.1	14+57.2	RT	194.1	5.0	970.7	5	15.0		
13+10.7	13+17.1	LT	6.4	5.0	32.0	5	0.5	1.1	CURB RAMP 4
13+31.8	13+38.4	LT	6.6	5.0	33.0	7	0.7	1.1	CURB RAMP 5
14+57.2	15+02.3	RT	45.1	5.0	225.5	7	4.9		DW 3-1
SA 0+00.0	SA 0+05.0	CTR	5.0	5.0	25.0	5	0.4	1.1	CURB RAMP 6
SA 0+05.0	SA 0+30.7	CTR	25.7	5.0	128.5	7	2.8		DW 3-2
SA 0+30.7	SA 0+35.7	CTR	5,0	5.0	24.9	- 5	0.4	1.1	CURB RAMP 7
SA 0+35.7	SA 0+91.0	CTR	55.3	5.0	276.6	5	4.3		**************************************
15+02.3	15+41.7	RT	39.4	5.0	197.0	5	3.0	8	
15+17.0	15+27.0	RT	10.0	3.0	30.0	5	0.5		BUS STOP PAD
15+41.7	15+61.8	RT	20.1	5.0	100.5	7	2.2		DW 3-3
SA 0+91.0	SA 1+29.8	CTR	38.8	5.0	193.9	7	4.2		DW 3-4
15+61.8	16+37.7	RT	75.9	5.0	379.5	5	5.9		
SA 1+29.8	SA 4+33.4	CTR	303.6	5.0	1,518.0	5	23.4		
16+37.7	16+57.7	RT	20.0	5.0	100.0	7	2.2		DW 3-5
16+57.7	17+18.1	RT	60.4	5.0	302.0	5	4.7		
17+18.1	17+63.1	RT	45.0	5.0	225.0	7	4.9		DW 4-1
17+63.1	18+13.2	RT	50.1	5.0	250.5	5	3.9		
18+13.2	18+33.2	RT	20.0	5.0	100.0	7	2.2		DW 4-2
18+33.2	18+78.0	RT	44.8	5.0	224.2	5	3.5		
18+78.0	18+98.0	RT	20.0	5.0	100.0	. 7	2.2		DW 5-1
SA 4+33.4	SA 4+63.4	CTR	30.0	5.0	150.0	7	3.2		DW 5-2
18+98.0	19+48.9	RT	50.9	5.0	254.5	5	3.9		
SA 4+63.4	SA 5+17.3	CTR	53.9	5.0	269.5	5	4.2		
19+48.9	19+78.9	RT	30.0	5.0	150.0	7	3.2		DW 5-3
19+78.9	20+73.7	RT	94.8	5.0	474.0	5	7.3		
SA 5+17.3	SA 5+47.3	CTR	30.0	5.0	150.0	7	3.2		DW 5-4
The state of the s	SA 6+01.5	CTR	54.2	5.0	271.0	5	4.2	<u> </u>	
20+73.7	21+03.7	RT	30.0	5.0	150.0	7	3.2	1	DW 5-5
	SA 6+51.5	CTR	50.0	5.0	250.0	. 7	5.4		DW 5-6
21+03.7	22+89.4	RT	185.7	5.0	928.5	5 5	14.3	28 1, 1	
	SA 6+93.8	CTR	42.3	5.0	211.5	5	3.3		
	SA 7+23.8	CTR	30.0	5.0	150.0	7 .	3.2		DW 6-1
	SA 10+39.0	CTR	315.2	5.0	1,576.0	5	24.3		BIALOG
22+89.4	23+44.3	RT	54.9	5.0	274.5	7	5.9		DW 6-2
23+44.3	23+91.7	RT	47.4	5.0	237.0	5	3.7		DIAM
23+91.7 24+28.4	24+28.4 24+62.7	RT	36.7	5.0	183.5	7	4.0		DW 7-1
		RT	34.3	5.0	171.5	5	2.6	 	DIAL Z.C
24+62.7 24+90.7	24+90.7 25+97.8	RT	28.0 107.1	5.0	140.0 535.5	7	3.0	1	DW 7-2
	25+97.8 SA 10+64.3	CTR	25.3	5.0 5.0		5	8.3		DMZO
	SA 10+64.3 SA 11+65.0	CTR	100.7	5.0	126.5 503.5	7 5	2.7		DW 7-3
25+97.8	26+27.8	RT	30.0	5.0		7	7.8		DM 9.4
26+27.8	26+27.8	RT	34.7		150.0 173.5		3.2	-	DW 8-1
	SA 11+72.0		7.0	5.0 5.0	35.0	7	2.7	 31 	CHIDD DAMP 9
26+62.5	26+92.5	RT	30.0	5.0	150.0	7	0.8	2.1	CURB RAMP 8
26+92.5	27+26.5	RT	34.0	5.0	170.0	5	2.6		DW 8-2
27+15.4	27+30.9	LT	15.5	5.0	77.5	.7	1.7	2.1	CURB RAMP 9
27+26.5	27+51.6	RT	25.1	5.0	125.5	7	2.7	2.1	DW 8-3
27+20.9	28+03.4	LT	72.5	5.0	362.5	5	5.6		D44 0-2

CONCRETE SIDEWALK TABLE (CONTINUED)

ITEM 608.0101 - CONCRETE SIDEWALKS AND DRIVEWAYS

ITEM 608.21000003 - CAST IRON EMBEDDED DETECTABLE WARNING UNITS

FROM STATION	TO STATION	SIDE	LENGTH (FT)	WIDTH (FT)	AREA (SF)	DEPTH (IN)	ITEM 608.0101 (CY)	ITEM 608.21000003 (SY)	COMMENTS
				THURBE	R ST TO	AINSLEY D	R (PLN-01 T		
27+51.6	27+88.4	RT	36.8	5.0	184.0	5	2.8	1 1	
27+65.5	27+75.5	LT	10.0	3.0	30.0	5	0.5		BUS STOP PAD
27+88.4	28+18.4	RT	30.0	5.0	150.0	7	3.2	+	DW 9-1
28+03.4	28+18.9	LT	15.5	5.0	77.5	7	1.7	2.1	CURB RAMP 10
28+18.4	28+91.5	RT	73.1	5.0	365.5	5	5.6		
28+80.8	28+96.5	LT	15.7	5.0	78.5	7	1.7	2.1	CURB RAMP 11
28+91.5	29+21.5	RT	30.0	5.0	150.0	7	3.2		DW 9-2
28+96.5	30+21.6	LT	125.1	5.0	625.5	- 5	9.7		
29+21.5	29+95.2	RT	73.7	5.0	368.5	5	5.7		
29+39.9	29+49.9	RT	10.0	3.0	30.0	5	0.5		BUS STOP PAD
29+95.2	30+11.2	RT	16.0	5.0	80.0	7	1.7		DW 10-1
30+11.2	30+73.2	RT	62.0	5.0	310.0	5	4.8		B 0
30+21.6	30+51.5	LT	29.9	5.0	149.5	7	3.2		DW 10-2
30+51.5	30+67.6	LT	16.1	5.0	80.5	5	1.2		
30+67.6	30+84.4	LT	16.8	5.0	84.0	7	1.8	2.3	CURB RAMP 12
30+73.2	31+01.3	RT	28.1	5.0	140.5	7	3.0		DW 10-3
31+01.3	31+34.0	RT	32.7	5.0	163.7	5	2.5		- 1 1 1 1 1 1 1
31+34.0	31+62.0	RT	28.0	5.0	140.0	7	3.0		DW 10-4
SB 0+00.0	SB 0+12.0	CTR	12.0	5.0	60.0	7	1.3	2.2	CURB RAMP 13
31+62.0	31+97.3	RT	35.3	5.0	176.4	5	2.7		
SB 0+12.0	SB 0+45.4	CTR	33.4	5.0	167.0	. 5	2.6		
31+97.3	32+27.3	RT	30.0	5.0	150.0	7	3.2		DW 10-6
SB 0+45.4	SB 1+05.4	CTR	60.0	5.0	300.0	7	6.5		DW 11-1
32+27.3	32+70.5	RT	43.2	5.0	216.0	5	3.3	100	
SB 1+05.4	SB 1+38.9	CTR	33.5	5.0	167.5	5	2.6		
32+70.5	33+00.5	RT	30.0	5.0	150.0	7	3.2		DW 11-2
33+00.5	33+69.1	RT	68.6	5.0	343.0	5	5.3		
SB 1+38.9	SB 1+58.9	CTR	20.0	5.0	100.0	. 5	1.5		DW 11-3
	SB 1+72.6	CTR	13.7	5.0	68.5	5	1.1	2 1 2 2	**********
	SB 1+90.6	CTR	18.0	5.0	90.0	7	1.9		DW 11-4
	SB 2+34.2	CTR	43.6	5.0	218.0	5	3.4	-	50022
33+69.1	33+99.1	RT	30.0	5.0	150.0	7	3.2		DW 11-5
33+99.1	34+17.0	RT	17.9	5.0	89.5 150.0	5 7	3.2		DW 44.0
27 2.4 1. 4. 4. 4.	SB 2+64.2 34+37.0	CTR	30.0	5.0					DW 11-6
34+17.0	SB 2+85.1	RT	20.0	5.0	100.0	7 5	2.2		DW 12-1
34+37.0	34+86.0	CTR RT	20.9 49.0	5.0 5.0	245.0	5	3.8		
	SB 3+15.1	CTR	30.0	5.0	150.0	7	3.0		DW 12-2
	SB 3+15.1		79.9	5.0	399.5	5	6.2	+	DVV 12-2
34+86.0	35+06.0	RT	20.0	5.0	100.0	7	2.2		DW 12-3
35+06.0	37+22.5	RT	216.5	5.0	1.082.5	5	16.7	+	DVV 12-3
	SB 3+44.6	CTR	10.0	3.0	30.0	5	0.5	 	BUS STOP PAD
	SB 3+69.2	CTR	2.9	1.0	2.9	5	0.0	1	HOUSE NO. 565
	SB 4+11.0	CTR	16.0	5.0	80.0	7	1.7	1	DW 12-4
	SB 4+33.3	CTR	22.3	5.0	111.5	5	1.7	+	W-11-12-1
SB 4+33.3		CTR	25.0	5.0	125.0	7	2.7	+ + +	DW 12-5
	SB 5+91.5	CTR	133.2	5.0	666.0	. 5	10.3		
	SB 5+40.7	CTR	15.4	5.0	77.0	7	1.7	2.2	CURB RAMP 15
SB 5+91.3	SB 6+26.4	CTR	35.1	5.0	175.5	7	3.8	 	DW 13-1
SB 6+26.4	SB 6+42.5	CTR	16.1	5.0	80.5	5	1.2	1	
SB 6+42.5	SB 6+76.3	CTR	33.8	5.0	169.0	7	3.7	· · · · · · · · · · · · · · · · · · ·	DW 14-1
36+94.3	37+05.3	RT	11.0	3.0	33.0	5	0.5	1.1	CURB RAMP 14
37+22.5	37+52.6	RT	30.1	5.0	150.5	7	3.3		DW 13-2
37+52.6	39+28.4	RT	175.8	5.0	879.0	5	13.6	1	
38+00.6	38+12.3	LT	12.4	3.0	37.2	. 7	0.8	1.3	CURB RAMP 16
38+04.9	38+65.1	LT.	60.2	5.0	301.0	5	4.6		
38+55.1	38+65.1	LT	10.0	3.0	30.0	5	0.5		BUS STOP PAD
39+28.4	39+56.9	RT .	28.5	5.0	142.5	7	3.1		DW 15-2
39+56.9	39+77.0	RT	20.0	5.0	100.2	5	1.5	2 2 2	- 1 N
N	-	0.00			SU	BTOTAL	455.2	25.4	3 9



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CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

2R PAVING PROJECT THURBER STREET TO CITY LIMIT

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

MISCELLANEOUS TABLES

MST-05

HYDRANT TABLE

ITEM 663.0106 - DUCTILE IRON CEMENT LINED WATER PIPE, 6"

ITEM 663.1006 - RESILIENT WEDGE VALVE & VALVE BOX, 6"

ITEM 663.13000010 - INSTALL FIRE HYDRANT

ITEM 663.2001 - IRON WATERMAIN FITTINGS

ITEM 663.31 - RELOCATE EXISTING HYDRANT

ITEM 663.51000004 - FURNISH AND INSTALL NEW WATER VALVE BOX

HYDRANT NUMBER	STATION	OFFS	ET	ITEM 663.0106 (LF)	ITEM 663.1006 (EA)	ITEM 663.13000010 (EA)	ITEM 663.2001 (LB)	ITEM 663.2001 (LB)	ITEM 663.31 (EA)	ITEM 663.51000004 (EA)	COMMENT
				7-17	(2.)	,5,	8"X6" TEE	12"X6" TEE	(_,	(24)	
			3.5	A 8	THUF	RBER ST TO AIR	ISLEY DR (PL	N-01 TO PLN-1	5)		
HYD-1	11+97	15.1	LT	2 4 4		1	E	No. 10 as	*	2 5 50 50	REPLACE HYDRANT ONLY
HYD-2	15+05	15.2	LT	20		1 .	72				
HYD-3	16+02	33.7	RT		J	# 1	- 4				REPLACE HYDRANT ONLY
HYD-4	22+24	36.3	RT			1	P		B		REPLACE HYDRANT ONLY
HYD-5	25+38	15.2	LT	12	1	1	72				
HYD-6	27+60	32.8	RT			1	2 0 3				REPLACE HYDRANT ONLY
HYD-7	30+90	30.9	LT			1	# D Q				REPLACE HYDRANT ONLY
HYD-8	31+09	34.1	RT			1		1			REPLACE HYDRANT ONLY
HYD-9	34+96	15.3	LT	12	1	- 1	72				
HYD-10	38+76	30.7	LT	10	1	1		114			
	1 1	SUBTO	TAL	54	3	10	3	30	0	3.4	
		8 8	5 5		BRIGHT	ON TOWER TO	CITY LIMIT (PLN-16 TO PLN	l-27)		
HYD-11	52+51	41.2	RT	16					1		
HYD-12	55+37	39.8	RT	20	Telegraphic Control	1.0			1		14,4
HYD-13	58+55	36.8	RT	17				*	1		
HYD-14	67+93	9.9	LŢ		# W		-			1	INSTALL MISSING VALVE BOX TOP SECTION
		SUBTO	_	54	0	0		0	3	1.	
		TO	DTAL	108	3	10	. 3	30	3	1	

1. CITY OF SYRACUSE WATER DEPARTMENT WILL PROVIDE FIRE HYDRANTS FOR INSTALLATION, CONTRACTOR TO COORDINATE PICK-UP FROM WATER DEPARTMENT COMMISSIONER ROBERT BRANDT.

1			11			STONE	FILL TA	BLE	2	
EM 203.02	- UNCLASS	IFIED E	XCAVATIO	N AND DIS	POSAL					
EM 207.20	- GEOTEXT	LE BEI	DDING							
EM 620.03	- STONE FI	LLING (LIGHT)							
FROM STATION	TO STATION	SIDE	LENGTH (FT)	WIDTH (FT)	AREA (SF)	DEPTH (IN)	1TEM 203.02 (CY)	1TEM 207.20 (SY)	1TEM 620.03 (CY)	сомментя
			=	т. Т	HURBER	ST TO AIN	SLEY DR (PL	N-01 TO PLN-1	5)	
15+	91.0	LT	5.0	5.0	25.0	12	0.9	2.8	0.9	DS 3-2
24+	32.7	LT	10.0	10.0	100.0	12	3.7	11.1	3.7	SLOPE PLACEMENT
A 5+	58.3	RT	45.0	3.0	135.0	12	5.0	15.0	5.0	DS 13-7
		- 6			SI	JBTOTAL	9.6	29	9.6	
					ROUNDE	D TOTAL	10	30	10	
		* # 125		BRIC	GHTON TO	OWERS TO	CITY LIMIT	(PLN-16 TO PL	N-27)	
56+02.3	56+74.6	RT	72.3	9.2	662.6	12	24.5	73.6	24.5	SLOPE PLACEMENT
56+74.6	57+24.4	RT	49.8	16.7	829.9	12	30.7	92.2	30.7	SLOPE PLACEMENT
57+24.4	57+68.1	RT	43.7	12.5	544.8	12	20.2	60.5	20.2	SLOPE PLACEMENT
31+	25.4	RT	45.0	3.0	135.0	12	5.0	15.0	5.0	DS 20-2
64+	19.6	RT	45.0	3.0	135.0	12	5.0	15.0	5.0	DS 22-7
					SI	JBTOTAL	85.5	256	85.5	
		a 5 a		e.i	ROUNDE	D TOTAL	90	269	90	



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EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION PROJECT NO: 119.429.001

DATE: JANUARY 2025
DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

MISCELLANEOUS TABLES

MST-07

MANHOLE AND VALVE BOX ADJUSTMENT TABLE

ITEM 604.070301 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.10 - PREFABRICATED ADJUSTMENT RINGS FOR MANHOLES

ITEM 663.33 - ADJUST EXISTING VALVE BOX ELEVATION

ITEM 663.52000004 - REMOVE EXISTING WATER VALVE BOX

STATION	OFFSET (FT)	TYPE OF STRUCTURE	ITEM 604.070301 (EA)	ITEM 604.10 (EA) (SEE NOTE 1)	1TEM 663.33 (EA)	ITEM 663.52000004 (EA)	ELECTRIC MANHOLE (SEE NOTE 2)	TELEPHONE MANHOLE (SEE NOTE 2)	GAS VALVE OR MARKER (SEE NOTE 2)	COMMENT
	To a			THU	JRBER ST	TO AINSLEY DR	(PLN-01 TO PL	N-15)		* * * *
10+11	10.8 RT	MH	1				4 6 5			
T 5+63	6.5 RT	WV		9.2	.1		1 2			
T 5+98	20.4 LT	MH	1							
10+99	16.1 LT	MH					1			
11+04	7.9 LT	WV			1 .					
11+20	6.9 LT	WV		=	1	8 8 9				
11+97	7.6 LT	WV			1	2 4			5 2	
12+43	5.0 RT	MH	. 1				197			
14+02	9.8 RT	MH						1	5-1	
14+95	8.5 LT	WV			1			1 1		
15+10	26.9 RT	GV	grant of			· ·	20.0		1	
15+11	1.4 LT	MH	1	-			7 8	2 *		
15+50	16.8 LT	MH				# F	1			
15+83	20.2 RT	MH				2 7	1		x	
16+24	4.9 LT	WV			1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
17+62	1.1 LT	MH	1-							v
17+74	32.9 RT	WV	1 7 1		1				21	
19+21	4.5 LT	WV			. 1					
19+57	20.6 LT	UV		8	1					UNKNOWN VALVE
19+57	21.7 LT	UV			1					UNKNOWN VALVE
19+91	1.9 LT	MH	1				*	* -		
19+98	10.1 RT	MH						1		
20+18	0.3 LT	MH	1						N 5	
20+67	14.6 LT	MH					. 1	5 8 8	3 X	
21+64	20.1 LT	GV							1	
21+76	23.4 LT	GV	n 2	. 16 f					1	
22+26	4.2 LT	WV			. 1					
22+43	6.0 LT	WV	-5-	1 1	1			3		
22+93	4.4 LT	WV			1	2 2 2 2				
22+95	31.7 RT	W			1					UNKNOWN VALVE
23+80	18.0 RT	MH				8 8 8	1			
23+94	0.8 LT	MH	1.						19	
25+23	3.8 LT	WV			1		a 1			
25+38	8.5 LT	WV		4 1	· - 1· .	2.7 5.			*	
25+98	11.8 RT	MH				2		1		
26+16	18.2 LT	GM				*			1	GAS MARKER
26+38	33.1 RT	WV			1 .					
26+50	2.5 RT	MH	1		<u> </u>			2 .		
26+83	6.1 LT	WV			1					
26+85	3.7 LT	WV			1					
27+77	3.1 LT	, WV			1					
28+12	33.9 RT	UV	4		1					UNKNOWN VALVE
28+23	8.2 RT	MH	1							
28+76	20.1 RT	MH	-				1			
28+87	1.8 LT	WV			1_	-				1 2
29+99	29.6 RT	WV			1 .					e - 3
29+99	29.6 RT	GV							1	
30+11	2.0 LT	WV			1 1					*
30+94	3.8 LT	WV			1					the state of
31+01	11.0 RT	MH WV	1.				5 8			

LEGEND:

MH: MANHOLE GV: GAS VALVE GM: GAS MARKER WV: WATER VALVE UV: UNKNOWN VALVE

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2R PAVING PROJECT THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

MISCELLANEOUS TABLES

MST-08

MANHOLE AND VALVE BOX ADJUSTMENT TABLE (CONTINUED)

ITEM 604.070301 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.10 - PREFABRICATED ADJUSTMENT RINGS FOR MANHOLES

ITEM 663.33 - ADJUST EXISTING VALVE BOX ELEVATION

ITEM 663.52000004 - REMOVE EXISTING WATER VALVE BOX

STATION	OFFSET (FT)	TYPE OF STRUCTURE	ITEM 604.070301 (EA)	ITEM 604.10 (EA) (SEE NOTE 1)	ITEM 663,33 (EA)	ITEM 663.52000004 (EA)	ELECTRIC MANHOLE (SEE NOTE 2)		GAS VALVE OR MARKER (SEE NOTE 2)	COMMENT
04.00	12212			THU		TO AINSLEY DR	(PLN-01 TO PL	.N-15)	2	
31+20	0.7 LT	WV			1					7
31+37	90.5 LT	MH	1		:	8 2 3				
31+93	19.7 RT	MH					8	1		
32+00	19.4 RT	MH					4	1	2	
36+81	15.2 LT	WV			. 1	·		*		
36+88	20.4 LT	w		10.00	1					of the same of the
36+90	5.4 RT	MH	1							
36+90	15.3 LT	W	900		1			1 1		
37+03	30.1 LT	W			1					
A 5+48	50.4 LT	GV		y	9 -	7.8	v v		1	
A 5+49	55.2 LT	GV						, n	1	
A 5+50	45.7 LT	GV							1	
A 5+55	43.9 LT	GV			*				1	2, V
A 5+60	42.8 LT	GV						4	1	
38+19	20.4 LT	WV			. 1					
39+47	5.7 RT	MH	2.5					1		
		SUBTOTAL	13	0	32	0	6	6	10	
я					2000000	RS TO CITY LI	and the control of th			
51+03	32.9 RT	wv	1 1 1		1		(1 2.1-10 10	1 = 1 = 1		
51+05	31.5 RT	wv	3.0	n H	1					
51+32	20.7 LT	MH	- 1							
51+38	47.2 LT	MH	1							
51+60	29.9 RT	WV			-1					
52+50	25.2 RT	w			1			*		
52+90	43.5 RT	wv								
53+04	43.8 LT	WV			1					
53+30	40.0 RT	WV								
52+43	35.9 RT	w			1				4 (5)	
53+58	5.6 LT	w			1					
54+80	10.7 LT	MH	1		- N	1				2 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
55+37	19.7 RT	W								
55+41	6.6 RT	W				1				-
55+63	6,2 RT	W	-		1					
55+91	17.7 RT					1		*	1700	
55+94	16.1 RT	WV			1					
55+98	17.3 RT	W		-	1					2
56+70	6.1 LT	WV			1					4
		MH	1			. # ¹				
	31.2 RT	GM				1 .	2		1	GAS MARKER
	17.2 LT	MH	1							
	19.4 RT	WV			. 1	r v 4 ^F a			150	
	10.2 RT	GV							1	
	13.1 RT	GV							1	
	18.4 RT	WV	انند		1	6.1				
	20.8 RT	WV		25 2 4	1					
	25.7 RT	MH	1					27 1		
	17.9 LT	MH	1	Mary B	11 a	5 E				
61+26	5.9 LT	MH						1		
61+30	9.7 LT	МН						1		
61+43	19.5 LT	MH	1							<u></u>
61+45	4.0 LT	WV ·			1					
61+66	7.5 RT	МН	1	8						



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2R PAVING PROJECT THURBER STREET TO CITY LIMIT

MARK DATE DESCRIPTION

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DESIGNED BY: DJB CHECKED BY: DOS

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MISCELLANEOUS TABLES

MST-09

31 of 241

LEGEND:

MH: MANHOLE GV: GAS VALVE GM: GAS MARKER

WV: WATER VALVE

UV: UNKNOWN VALVE

MANHOLE AND VALVE BOX ADJUSTMENT TABLE (CONTINUED)

ITEM 604.070301 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.10 - PREFABRICATED ADJUSTMENT RINGS FOR MANHOLES

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STATION	OFFSET (FT)	TYPE OF STRUCTURE	ITEM 604.070301 (EA)	ITEM 604.10 (EA) (SEE NOTE 1)	ITEM / 663.33 (EA)	ITEM 663.52000004 (EA)	ELECTRIC MANHOLE (SEE NOTE 2)	TELEPHONE MANHOLE (SEE NOTE 2)	GAS VALVE OR MARKER (SEE NOTE 2)	COMMENT
				BRIGI	HTON TOWE	RS TO CITY LI	MIT (PLN-16 TO	PLN-27)		
62+20	15.8 RT	GV							1	
62+20	18.8 RT	GV		8 8		a = 1"			1	
63+02	25.7 LT	WV	,* ·			1				
63+05	5.2 LT	WV	1 1 1	- 0. 000000 0. 000000000000000000000000	. 1					
63+09	2.1 LT	· · · · WV	8 2 2		1				2	
63+66	1.2 LT	W		1	1					
64+11	4.8 LT	WV	A		1					
67+93	LT	WV			A 19					177
68+94	7.3 LT	WV			1			2		2
69+06	5.2 RT	WV			1					
69+19	8.4 RT	WV			. 1				8 112	
70+76	9.9 LT	WV						* 1 * 1		BROKEN
70+94	0.1 RT	MH				3		1		
71+43	9.5 LT	WV			1					
71+45	9.4 LT	: WV			1		1		5 5	
72+07	7.5 RT	GV				7 ,10			1	
72+08	5.3 RT	GV	A 0 3	50,			5 - 4		1	
72+08	2.9 RT	GV							1 .	
74+66	9.4 LT	WV			. 1		1			
5 - 1V		SUBTOTAL	9	0	26	4	0	3	8	and the second s
		TOTAL	22	10	58	4	6	9	18	

NOTES:

LEGEND:

1. AN ALLOWANCE OF 10 EA HAS BEEN INCLUDED FOR ITEM 604.10. ADJUSTMENT RINGS TO BE INSTALLED A.O.B.E.

TABLE FOR THE CONTRACTOR'S CONVENIENCE ONLY.

2. ELECTRIC MANHOLES, TELEPHONE MANHOLES, GAS VALVES, AND GAS MARKERS WILL BE ADJUSTED BY THE RESPECTIVE OWNING UTILITY COMPANIES. LOCATION INFORMATION IS INCLUDED IN THIS

MH: MANHOLE GV: GAS VALVE GM: GAS MARKER WV: WATER VALVE UV: UNKNOWN VALVE

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1/9/2025



EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION PROJECT NO: 119.429.001

DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS

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MISCELLANEOUS TABLES

MST-10

DRIVEWAY TABLE

ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL

ITEM 304.12 - SUBBASE COURSE, TYPE 2

اري. ان م

ITEM 608.0101 - CONCRETE SIDEWALKS AND DRIVEWAYS

ITEM 608.020102 - HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS

DRIVEWAY NO.	FROM STATION	TO STATION	SIDE	DRIVEWAY CLASS	MATERIAL	WIDTH "W" (FT)	LENGTH "L1" (FT) TAILS ON DWG	LENGTH "L2" (FT)	CONCRETE APRON THICKNESS (IN)	HMA APRON/ DRIVEWAY THICKNESS (IN)	CONCRETE ITEM 608.0101 QUANTITY (CY)	HMA ITEM 608.020102 QUANTITY (TON)	EXCAVATION ITEM 203.02 QUANTITY (CY)	SUBBASE ITEM 304.12 QUANTITY (CY)	COMMENTS
	*****	I							E (PLN-01 TO P	I N-15)					
DW 1-1	10+12.9	10+40.6	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	HIONOLI	COTTLET TO	AINOLLI DIGV	L (FEIVOI TO F	LIN-10)					NO WORK PROPOSED
DW 1-2	10+49.9	10+73.5	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY										NO WORK PROPOSED
DW 1-3	11+14.2	11+41.6	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	27.4	4.1 AVG.	5.9 AVG.	7	T 4	2.7	3.9	9.9	5.3	NO WORKT TO COLD
	12+11.7	12+83.0	RT	С	ASPHALT	71.3		4.0	40	4		6.9	10.6	7.0	PARKING LOT
DW 2-1	12+33.0	12+63.1	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	30.1	3.0		7	0 0	2.1		4.0	1.8	
DW 2-2	13+03.9	13+34.5	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	30.6	4.3		7	 	3.1		5.8	2.7	
	13+47.6	15+41.7	RT	С	ASPHALT	194.1		2.0		4		9.3	14.4	9.6	PARKING LOT
DW 3-1	14+57.2	15+02.3	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	45.1	3.0	,	7	v %	3.1		5.8	2.7	
DW 3-2	14+69.4	14+95.1	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	25.7	4.1	2.0	7	4	2.5	1.2	6.6	3.4	e
DW 3-3	15+41.7	15+61.8	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	20.1	3.0	4.0	7	4	1.5	1.9	5.8	3.3	
DW 3-4	15+58.0	15+93.9	LT.	С	CONCRETE APRON - ASPHALT DRIVEWAY	35.9	2.0		7		1.7		3.1	1.4	**************************************
	15+53.8	16+02.6	LT	С	ASPHALT	48.8		10.5		4		12.3	19.0	12.7	PARKING LOT
	16+30.0	16+63.2	RT	С	ASPHALT	33.2	* a a	2.0		4		1.6	2.5	1.6	PARKING LOT
DW 3-5	16+37.7	16+57.7	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	20.0	3.0		7		1.5		2.8	1.3	
	17+11.4	19+48.9	RT	С	ASPHALT	237.5		6.0	16. 0	4		34.2	52.8	35.2	PARKING LOT
DW 4-1	17+18.1	17+63.1	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	45.0	3.0	vi s	7		3.1	× 7	5.8	2.7	
	17+66.4	18+42.6	LT	С	ASPHALT	76.2		1.0		4		1.8	2.8	1.9	PARKING LOT
DW 4-2	18+13.2	18+33.2	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	20.0	3.0		7		1.5		2.8	1.3	
	18+42.6	22+37.3	LT	С	ASPHALT	394.7		6.4 AVG.		6		90.3	108.3	92.8	PARKING LOT
DW 5-1	18+78.0	18+98.0	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	20.0	3.0		7		1.5		2.8	1.3	
DW 5-2	18+97.5	19+27.5	LT	C	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0		7		2.1		4.0	1.8	
DW 5-3	19+48.9	19+78.9	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0	10.0	7		2.1		15.1	9.2	
DW 5-4	19+81.4	20+11.4	LT	C	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0	- 10, - 7 x	7	N .	2.1	1 a a b - 2	4.0	1.8	
	20+27.2	21+46.7	RT	С	ASPHALT	119.5		9.0		4		25.8	39.8	26.6	PARKING LOT
DW 5-5	20+73.7	21+03.7	RT	C	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0		7		2.1		4.0	1.8	
DW 5-6	20+65.5	21+15.6	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	50.1	3.0		7		3.4		6.4	2.9	
DW 6-1	21+57.8	22+87.8	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	130.0	3.0	and a Ko	7		8.6		16.0	7.4	
DW 6-2	22+89.4	23+44.3	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	54.9	3.0	6.0	7	4	3.8	7.9	19.2	11.4	
DW 7-1	23+91.7	24+28.4	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	36.7	3.0	6.0	7	4	2.6	5.3	12.9	7.6	*
DW 7-2	24+63.7	24+88.7	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	25.0	3.0	6.5	7	4	1.8	3.9	9.4	5.6	
DW 7-3	25+03.7	25+29.0	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	25.3	3.0	8.0	7	4	1.8	4.9	10.9	6.6	
	25+93.6	26+27.8	RT	С	ASPHALT	34.2		8.0	*	4	a a	6.6	10.1	6.8	PARKING LOT
DW 8-1	25+97.8	26+27.8	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0		7		2.1	,	4.0	1.8	
	26+27.8			C	ASPHALT	326.9		4.0		4		31.4	48.4	32.3	PARKING LOT
DW 8-2	26+62.5	26+92.5	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0	ļ	7		2.1		4.0	1.8	major and the second
DW 8-3	27+26.5	27+51.6	RT	C	CONCRETE APRON - ASPHALT DRIVEWAY	25.1	3.0		7		1.8		3.4	1.6	
DW 9-1	27+88.4	28+18.4	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0		7		2.1		4.0	1.8	
DW 9-2	28+91.5	29+21.5	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0	2.0	7	4	2.1	1.4	6.2	3.3	
DW 40.4	29+94.7	30+93.8	LT	С	ASPHALT	99.1		8.5		4		20.2	31.2	20.8	PARKING LOT
DW 10-1	29+95.2	30+11.2	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	16.0	3.0	2.0	7	4	1.2	0.8	3.2	1.6	e is it is a
DW 10-2	30+21.6	30+51.5	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	29.9	3.0		7		2.1	<u></u>	4.0	1.8	
DIA 40.0	30+59.9	31+64.6	RT	С	ASPHALT	104.7		4.0		4		10.1	15.5	10.3	PARKING LOT
DW 10-3	30+73.2	31+01.3	RT	C	CONCRETE APPON - ASPHALT DRIVEWAY	28.1	3.0	ļ	7		2.0		3.7	1.7	
DW 10-4	31+34.0	31+62.0	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	28.0	3.0	 	7		2.0		3.7	1.7	110 1410 DIV == -= -=
DW 10-5	B 5+65.8	B 5+86.4	RT	С	ASPHALT	20.6	-	0.0.01/0		ļ			40.0		NO WORK PROPOSED
* .	B 5+40.2	B 5+72.5	RT	С	ASPHALT	34.6		8.0 AVG.	<u></u>	4		6.7	10.3	6.8	PARKING LOT
	B 5+72.5	B 6+07.5	RT	С	ASPHALT	38.4	10 000	2.0	8 -	4		1.8	2.8	1.9	PARKING LOT
	31+64.6	31+95.7	RT	С	ASPHALT	31.1	2 2 2	2.1		4		1.6	2.4	1.6	PARKING LOT
	31+64.3	33+41.9	LT	C	ASPHALT	177.6	1.2	10.0		4		42.7	65.8	43.9	PARKING LOT
DIAL 15 -	31+95.7	35+36.6	RT	С	ASPHALT	340.9		4.0		4		32.8	50.5	33.7	PARKING LOT
DW 10-6	31+97.3	32+27.3	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0	1	7		2.1		4.0	1.8	



C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com

1/9/2025



2R PAVING PROJECT THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

> **DRIVEWAY TABLE**

DWT-01

Mar 24, 2025 – 10:59ar F:\Project\119 – City of

DRIVEWAY TABLE (CONTINUED)

ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL

ITEM 304.12 - SUBBASE COURSE, TYPE 2

ITEM 608.0101 - CONCRETE SIDEWALKS AND DRIVEWAYS

ITEM 608.020102 - HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS

DRIVEWAY	FROM	то	SIDE	DRIVEWAY	MATERIAL	WIDTH "W"	LENGTH "L1"	LENGTH "L2"	CONCRETE APRON	HMA APRON DRIVEWAY		HMA ITEM 608.020102	EXCAVATION ITEM 203.02	SUBBASE ITEM 304.12	COMMENTS
NO.	STATION	STATION		CLASS		(FT)	(FT)	(FT)	THICKNESS (IN)	THICKNESS (IN)	QUANTITY (CY)	QUANTITY (TON)	QUANTITY (CY)	QUANTITY (CY)	
							AILS ON DWG		3		(01)	(1014)			
		T 404.4 -			LOOUGHETT ADDOLL AGREEMENT DRIVETIMAN I		 	O AINSLET DI	RIVE (CONTINUI	ED)	. 44		7.6	3.5	
DW 11-1	32+14.1	32+74.1	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	60.0	3.0		7		4.1	1	4.0		
DW 11-2	32+70.5	33+00.5	RT	C	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0		7	2 3	2.1	3 8 2	2.8	1.8	
DW 11-3	33+07.6	33+27.6	LT .	С	CONCRETE APRON - ASPHALT DRIVEWAY	20.0	3.0		7		1.5		2.5	1.3	
DW 11-4	33+41.3	33+59.3	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	18.0	3.0		7		1.4	40.0	25.1	1.2	PARKING LOT
	33+41.9	34+04.7	LT	С	ASPHALT	62.8		10.8 AVG.		4		16.3	25.1 8.5	16.7	PARKING LOT
DW 11-5	33+69.1	34+37.0	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	67.9	3.0		7		4.6		4.0	3.9	
DW 11-6	34+02.9	34+32.9	LT	R	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3,0	100	7	<u></u>	2.1	6.7		1.8	PARKING LOT
	34+04.7	34+32.7	LT	С	ASPHALT	28.0		10.0		4		6.7	10.4	6.9	
· · · · · · · · · · · · · · · · · · ·	34+32.7	34+41.4	LT	С	ASPHALT	8.7		3.9		4		0.8	1.3	0.8	PARKING LOT
	34+41.4	34+83.8	LT	С	ASPHALT	42.4		10.0		4		10.2	15.7	10.5	PARKING LOT
DW 12-1	34+53.8	34+83.8	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	30.0	3.0	No.	7	**	2.1		4.0	1.8	
DW 12-2	34+86.0	35+06.0	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	20.0	3.0		7	ļ	1.5		2.8	1.3	
DW 12-3	35+63.9	35+79.7	LT	R	CONCRETE APRON - ASPHALT DRIVEWAY	15.8	3.0	10.0	7	4	1.2	3.8	7.1	4.0	
DW 12-4	36+01.9	36+26.8	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	24.9	3.0	4.0	7	4	1.8	2.4	7.0	4.0	
DW 13-1	A 5+75.3	A 6+08.8	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	33.5	3.0		7		2.4		4.4	2.0	DARKINGLOT
	A 5+72.3	A 6+58.4	LT	С	ASPHALT	86.1		10.0	1.1	4		20.7	31.9	21.3	PARKING LOT
DW 13-2	37+22.6	37+52.3	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	29.7		7.0		4		5.0	7.7	5.1	
DW 14-1	A 6+24.2	A 6+56.7	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	32.5	3.0		7		2.3		4.3	2.0	NO MODIC PROPOSED
DW 15-1	39+08.7	39+47.5	LT	: C	ASPHALT		<u> </u>	-	<u> </u>			_ · · · · <u>i · · · · · · · · · · · · · · </u>			NO WORK PROPOSED
DW 15-2	39+28.5	39+57.0	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	28.4	3.0	2.0	7	1 4	2.0	1.4	5.9	3.2	
DW 15-3	39+78.1	40+13.0	LT	С	ASPHALT	2 2			· · · · · · · · · · · · · · · · · · ·			T			NO WORK PROPOSED
						10 20	·	*		SUBTOTAL	104.0	434.7	841.0	541.0	
			177. 9			BRIGHT	ON TOWERS 1	O CITY LIMIT	(PLN-16 TO PL	N-27)					
DW 16-1	50+25.9	50+67.7	RT	С	ASPHALT										SINGLE COURSE MILL AND OVERLAY
DW 16-2	50+45.6	51+30.3	LT	С	ASPHALT				NA T						SINGLE COURSE MILL AND OVERLAY
DW 16-3	51+28.7	51+47.5	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	18.8	3.0	3.0	7	4	1.4	1.4	4.4	2.3	
DW 16-4	51+53.5	51+78.7	LT	R	CONCRETE APRON - ASPHALT DRIVEWAY	25.2	10.6	2.0	7	4	6.5	1.2	13.5	6.5	
DW 16-5	51+94.6	52+14.3	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	19.7	3.0	3.0	7	4	1.5	1.4	4.6	2.4	
DW 16-6	52+07.5	52+27.6	LT	R	CONCRETE APRON - ASPHALT DRIVEWAY	20.1	11.1	2.0	7	4	5.5	1.0	11.5	5.5	
DW 17-1	52+59.8	52+75.6	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	15.8	3.0	7.0	7	4	1.2	2.7	5.7	3.1	
DW 17-2	52+55.5	52+74.1	LT	R	CONCRETE APRON - ASPHALT DRIVEWAY	18.6	10.1	2.0	7	. 4	4.7	0.9	9.9	4.7	
DW 17-3	53+44.1	53+63.1	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	19.0	3.0		7		1.4		2.6	1.2	
8	53+20.7	53+59.0	RT	R	ASPHALT	38.3		4.0		4	*	3.7	4.7	2.8	a garanta a
DW 17-4	53+90.6	54+12.3	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	21.7	3.0	10.0	7	4	1.6	5.2	9.7	5.4	
DW 17-5	54+48.4	54+72.3	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	23.9	3.0	14.0	7	4	1.7	8.0	13.6	7.7	
DW 18-1	55+02.3	55+25.2	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	22.9	3.0	8.0	7	4	1.7	4.4	8.8	4.8	
DW 18-2	55+56.4	55+80.6	RT	R	CONCRETE APRON - ASPHALT DRIVEWAY	24.2	3.0	5.0	7	4	1.8	2.9	7.0	3.8	
DW 19-1	57+79.8	58+10.2	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	30.4		4.0		4		2.9	4.5	3.0	
DW 19-2	58+06.6	58+43.2	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	36.6	5.1		7	8	4.4	and the second	8.1	3.7	a S
DW 19-3	58+77.7	59+18.7	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	41.0	5.1	200	7		4.8		9.0	4.2	
10. 10	58+86.0	59+86.1	RT	С	ASPHALT	100.2	100	4.0		6		14.4	17.3	14.8	e ⁻¹ e - 2 ¹ e
DW 19-4	58+94.2	59+49.5	RT	С	CONCRETE APRON - ASPHALT DRIVEWAY	55.3			-	7.7	2 2 .5	28 R	0 2	2 10	



C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com

19/2025 OF NEW TOPPED T



EAST BRIGHTON AVENUE

2R PAVING PROJECT

THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE

CITY OF SYRACUSE

DEPARTMENT OF ENGINEERING
PIN 3756.80

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001

DATE: JANUARY 2025

DRAWN BY: DJB

DESIGNED BY: DJB

DESIGNED BY: DJB

CHECKED BY: DOS

NO. ALTERATION PERM

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

DRIVEWAY TABLE

DWT-02

DRIVEWAY TABLE (CONTINUED)

ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL

ITEM 304.12 - SUBBASE COURSE, TYPE 2

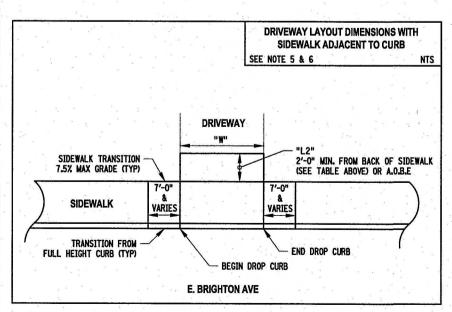
ITEM 608.0101 - CONCRETE SIDEWALKS AND DRIVEWAYS

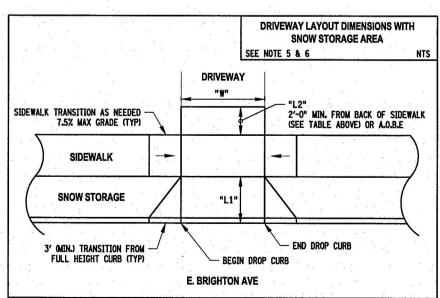
ITEM 608.020102 - HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS

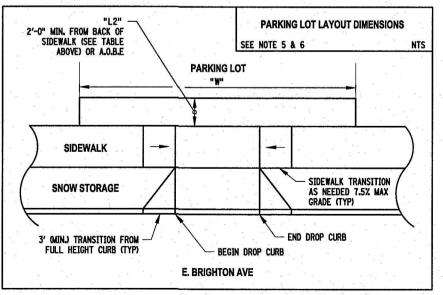
DRIVEWAY NO.	FROM STATION	TO STATION	SIDE	DRIVEWAY CLASS	MATERIAL	WIDTH "W" (FT)	LENGTH "L1" (FT)	LENGTH "L2" (FT)	CONCRETE APRON THICKNESS	HMA APRON/ DRIVEWAY THICKNESS	CONCRETE ITEM 608.0101 QUANTITY	HMA ITEM 608.020102 QUANTITY	11EM 203.02	SUBBASE ITEM 304.12	COMMENTS
* 1 *				2		(SEE	DETAILS BEL	.OW)	(IN)	(IN)	(CY)	(TON)	QUANTITY (CY)	QUANTITY (CY)	
	1 3	9	26 (65)	l e		BRIG	HTON TOWER	S TO CITY LIN	AIT (CONTINUED	O)					
	59+86.1	S 4+08.4	RT/LT	С	ASPHALT	88.2		2.0		6		6.4	6,5	6.5	
	S 2+94.0	S 4+08.0	LT	С	ASPHALT	114.0		1.7		4		4.6	8.2	4.7	
DW 20-1	60+58.9	60+99.6	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	40.7	5.1	2.0	7	4	4.8	2.0	12.0	6.1	
DW 21-1	S 3+30.5	S 3+81.7	LT	С	CONCRETE APRON - ASPHALT DRIVEWAY	51.2	3.0		7	v 3	3.5		6.5	3.0	
DW 24-1	67+24.3	67+55.0	LT	R	ASPHALT		4					* .	<u> </u>		NO WORK PROPOSED
DW 24-2	68+10.9	69+17.0	ŖT	С	ASPHALT	H H	2 2								SINGLE COURSE MILL AND OVERLAY
DW 24-3	68+46.5	68+79.3	LT	R	ASPHALT	32.8	0.0	2.0		4		1.6	2.0	1.2	
DW 24-4	68+87.9	69+18.8	LT	R	ASPHALT		109	IV.	***************************************	1. 7	' 		· · · · · · · · · · · · · · · · · · ·		NO WORK PROPOSED
DW 25-1	69+65.5	69+87.3	LT	R	ASPHALT			2							NO WORK PROPOSED
DW 25-2	70+27.1	70+51.9	LT	R	ASPHALT							* ************************************			NO WORK PROPOSED
DW 25-3	70+92.4	71+15.0	LT	R	ASPHALT	22.6	0.0	2.0	* 12 2 20	4		1.1	1.4	0.8	
DW 26-1	72+84.0	73+20.5	LT	. R	ASPHALT						* * * * * * * * * * * * * * * * * * * *	*			NO WORK PROPOSED
DW 27-1	73+49.5	73+80.9	LT	R	ASPHALT				- 2	*		*		9 4 12	NO WORK PROPOSED
								-		SUBTOTAL	46.6	65.7	171.6	98.3	
										TOTAL	150.6	500.3	1012.6	639.3	W 0

NOTES:

- 1. REFER TO THE DIAGRAMS BELOW FOR DIMENSIONS "W", "L1" & "L2".
- 2. RECONSTRUCT EXISTING DRIVEWAYS FROM CURB TO NEW SIDEWALK ("L1") AND FROM NEW SIDEWALK TO WORK LIMIT ("L2") OR A.O.B.E. PROVIDE SMOOTH TRANSITION TO EXISTING DRIVEWAY.
- 3. SIDEWALKS THROUGH DRIVEWAYS HAVE BEEN ACCOUNTED FOR SEPARATELY IN THE SIDEWALK TABLE ON DWG MST-05 TO MST-06.
- 4. LENGTH "L2" SHALL BE 2 FT. (MIN.) UNLESS SPECIFIED OTHERWISE IN THE DRIVEWAY TABLE OR A.O.B.E.
- 4. DRIVEWAYS THAT ENTER LARGE PARKING LOTS WILL NOT HAVE A LENGTH OF "L2" AS THE TIE-IN HAS BEEN ACCOUNTED FOR IN A SEPARATE LINE. SEE TABLE ABOVE FOR PARKING LOT AREAS.
- 5. SEE PROPERTY RELEASE TABLE ON DWG MST-01 FOR LIMITS BEYOND THE HIGHWAY BOUNDARY.
- 6. SEE CONCRETE SIDEWALK AND DRIVEWAY DETAILS ON DWG MSD-02.









C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667



EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO: 119,429,001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

> DRIVEWAY **TABLE**

DWT-03 35 of 241

Mar 24, 2025 -F:\Project\119

DRAINAGE TABLE

ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL

ITEM 203.07 - SELECT GRANULAR FILL

ITEM 206.0201 - TRENCH AND CULVERT EXCAVATION

ITEM 206.05 - TEST PIT EXCAVATION

ITEM 208.5401 - STORMWATER TREATMENT SYSTEM SWID - MAXIMUM TREATMENT FLOW RATE OVER 2.8 CFS UP TO 3.8 CFS

ITEM 304.12 - SUBBASE COURSE, TYPE 2 ITEM 552.17 - SHIELDS AND SHORING ITEM 603.77 - CONCRETE COLLARS

ITEM 603.9812 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 12" DIAMETER ITEM 603.9815 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 15" DIAMETER ITEM 603.9818 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18" DIAMETER

ITEM 603.9824 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24" DIAMETER

ITEM 603.9842 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 42" DIAMETER

ITEM 603.99050002 - CONCRETE PLUGS FOR SEWER PIPE

ITEM 604.070301 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES ITEM 604.070302 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.070303 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.11 - PREFABRICATED ADJUSTMENT FRAMES FOR DRAINAGE STRUCTURES

ITEM 604.4048 - ROUND PRECAST CONCRETE MANHOLE TYPE 48

ITEM 604.301016 - RECTANGULAR DRAINAGE STRUCTURE TYPE J FOR #16 WELDED FRAME

ITEM 621.03 - CLEANING CLOSED DRAINAGE SYSTEMS

ITEM 621.04 - CLEANING DRAINAGE STRUCTURES

ITEM 655.04000006 - FURNISH AND INSTALL GRATES IN EXISTING FRAMES

ITEM 655.1116 - WELDED FRAME AND RETICULINE GRATE 16

EM 603.9830	- SMOOTH	INTERIOR	CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 30" D																											
TRUCTURE NUMBER	HCL STATION	OFFSET (FT)	WORK TO BE PERFORMED	RIM ELEV	INVERTS	2 ITEM 203.02	2 ITEM 203.07	Q ITEM 206.0201	У ITEM 206.05	प्र ITEM 208.5401	Q ITEM 304.12	₩ ITEM 552.17	у ITEM 603.77	다 ITEM 603.9812	구 ITEM 603.9815	T ITEM 603.9818	규 ITEM 603.9824	1 ITEM 603.9830	규 ITEM 603.9842	В 17ЕМ 603.99050002	ITEM 604.11	у ітем 604.070301	ITEM	ITEM	디TEM 604.4048 디TEM 604.301016	ITEM	TEM	Д ІТЕМ 655.04000006	TEM	g ITEM 655.1202
		2 **			THU		_	SLEY DR					1=1													2 7		+=+	1-1	=
DS 1-1	10+47.4	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. CLEAN PIPE AS REQUIRED.	513.8							1				8		1			-		1				50.	0	1		."
DS 1-2	10+66.4	20.9 LT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	514.8					2											-		1					3 10	1		
DS 1-3	10+56.9	37.6 LT	NO WORK.	•									+-1							-					-	1-	+-	1	1 2 2 2	
DS 1-4	T 5+39.4	26.2 LT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	517.1			× 1				2									18 E		1						1.		
DS 1-5	T 4+68.2	18.2 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	519.2	1		1 .							* .						-	E 25	1						1		
DS 1-6	T 5+47.8	21.8 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	519.0										24							1	1						1		
DS 1-7	11+44.9	25.1 LT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	519.5							8 8	* ,										1						1		
DS 1-8	11+46.6	34.9 LT	ADJUST EXISTING MANHOLE COVER AND FRAME TO FINAL GRADE.	519.9		5 4				- :								e				1				2.0				
DS 1-9	11+48.3		ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	519.5											*							1						1		1
OS 1-10	12+07.0	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	522.3										1,1								1					1	1"		
DS 2-1	13+01.2	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	525.4				8 °		. **								. 2 -		æ		1						. 1		1
DS 2-2	13+28.3	31.2 RT	ABANDON STRUCTURE IN PLACE, PLUG 12" DIA. CMP PIPE.	*** ***		3.1		-	- 4		3.6	1 a		e	i i			1		1	a a		\top			100		1		
DS 2-3	13+75.6	22.0 LT	NO WORK.																				18			8 8				
DS 2-4	13+97.0	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	527.0		4.4°	1 2 2						a l	;		, 10 , 10					= *	1	la .	2 47				1	7.0	
DS 3-1	15+56.0	13.0 LT	INSTALL NEW TYPE J DRAINAGE STRUCTURE WITH FRAME AND GRATE. INSTALL 36 FT. OF 12" DIA. SICPP OUTLET TO DS 3-4.	529.6	S: 526.9	N 2 1	20.6	36.1	1		5.0	171.4	2			N. 1					1	4			5.1	1			1	14
DS 3-2	15+91.0	27.8 LT	REMOVE EXISTING DRAINAGE STRUCTURE AND 6" OUTLET PIPE. PLUG EXISTING PIPE CONNECTION TO 15" CMP. SEE NOTE 11.	-				4.3	, , , , , , , , , , , , , , , , , , ,		2.7				*					1			8 2 1							
DS 3-3	15+96.2	22.2 LT	ROTATE 4'X4' TOP SLAB 90 DEGREES. ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	530.3			E E										9					1						1		
DS 3-4	15+95.9	13.0 LT	ALTER EXISTING 2.54'x4' DRAINAGE STRUCTURE FOR ROAD WIDENING. INSTALL NEW FRAME AND GRATE. CONNECT 12" SICPP FROM DS 3-1.	530.4	N: 526.6		*														-1		1			10.	0 1		1	
DS 3-5	16+29.7	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	530.8		5		a e		-	n* .											1	2					. 1		100
DS 4-1	16+65.8	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. PLUG 12" INLET FROM STRUCTURE DS 4-2.	531.4				. 34						2	2 2 2 2				. ".	1		1	55	2 E	a ¹ 6			1		2
DS 4-2	16+66.2	31.8 RT	REMOVE EXISTING DRAINAGE STRUCTURE AND 8 FT. OF 12" DIA. CMP PIPE THAT OUTLETS TO STRUCTURE DS 4-1. REMOVE 482 FT. OF 12" CMP SLOT DRAIN.			71.4	2	15.5	2	2	52.6	97						120	1 m		F	9								
DS 4-3	17+44.2	50 =	REMOVE EXISTING FRAME AND GRATE. REPLACE WITH MANHOLE FRAME AND COVER. REMOVE 313 FT. 12" DIA. CMP SLOT DRAIN, PLUG PIPE OUTLET IN STRUCTURE. STRUCTURE DS 4-4 SHALL STILL OUTLET TO DS 4-3.	533.6		46.4					25.0				2 2 2			3		1			3 30	1						1
DS 4-4	17+87.6	13.0 L1	ALTER EXISTING 4'x4' DRAINAGE STRUCTURE FOR ROAD WIDENING, INSTALL NEW FRAME AND GRATE.	533.5					*					*						i i	1		1						1	
DS 4-5	18+37.1		ALTER EXISTING 2.54x4' DRAINAGE STRUCTURE FOR ROAD WIDENING. INSTALL NEW FRAME AND GRATE.	534.2							1	1. *									1		1						-1	



C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com





EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

> DRAINAGE **TABLE**

DRT-01

DRAINAGE TABLE (CONTINUED)

ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL

ITEM 203.07 - SELECT GRANULAR FILL

ITEM 206.0201 - TRENCH AND CULVERT EXCAVATION

ITEM 206.05 - TEST PIT EXCAVATION

ITEM 208.5401 - STORMWATER TREATMENT SYSTEM SWITD - MAXIMUM TREATMENT FLOW RATE OVER 2.8 CFS UP TO 3.8 CFS

ITEM 304.12 - SUBBASE COURSE, TYPE 2

ITEM 552.17 - SHIELDS AND SHORING

ITEM 603.77 - CONCRETE COLLARS

ITEM 603.9812 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 12" DIAMETER

ITEM 603,9815 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 15" DIAMETER

ITEM 603,9818 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18" DIAMETER

ITEM 603.9824 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24" DIAMETER

ITEM 603.9842 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 42" DIAMETER

ITEM 603.99050002 - CONCRETE PLUGS FOR SEWER PIPE

ITEM 604.070301 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.070302 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.070303 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.11 - PREFABRICATED ADJUSTMENT FRAMES FOR DRAINAGE STRUCTURES

ITEM 604.4048 - ROUND PRECAST CONCRETE MANHOLE TYPE 48

ITEM 604.301016 - RECTANGULAR DRAINAGE STRUCTURE TYPE J FOR #16 WELDED FRAME

ITEM 621.03 - CLEANING CLOSED DRAINAGE SYSTEMS

ITEM 621.04 - CLEANING DRAINAGE STRUCTURES

ITEM 655.04000006 - FURNISH AND INSTALL GRATES IN EXISTING FRAMES

ITEM 655.1116 - WELDED FRAME AND RETICULINE GRATE 16

ITEM 603.9830	M 603.9830 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 30" DIAMETER											ITEM 655.1202 - MANHOLE FRAME AND COVER																			
STRUCTURE NUMBER	HCL STATION	OFFSET (FT)	WORK TO BE PERFORMED	RIM ELEV	INVERTS	Q ITEM 203.02	Q ITEM 203.07	Q ITEM 206.0201	F ITEM 206.05	以下EM 208.5401	Q ITEM 304.12	ଦ୍ଧ ।TEM 552.17	В ITEM 603.77	디TEM 603.9812	규 ITEM 603.9815	규 ITEM 603.9818	규 ITEM 603.9824	T ITEM 603.9830	디TEM 603.9842	प्र ITEM 603.99050002	В ITEM 604.11	ITEM	HEN	ITEM	HEM	1TEM 604	ITEM	у тем 621.04	HEM	TEM 655.1116	
8					THUF	RBER ST	TO AIN	SLEY DR	(PLN-C	01 TO	PLN-15)																	1			기
DS 6-1	21+49.7	31.3 KI	REMOVE EXISTING DRAINAGE STRUCTURE AND 42 FT. OF 12" DIA. CMP PIPE THAT OUTLETS TO STRUCTURE DS 6-2.					32.1			27.8	599							-	5	*								2		
DS 6-2	21+92.5	8 0	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE, PLUG 12" INLET FROM STRUCTURE DS 6-1.	533.5																1		1							1		
DS 6-3	21+92.9	13.0 LT	ALTER EXISTING 4'x4' DRAINAGE STRUCTURE FOR ROAD WIDENING, INSTALL NEW FRAME AND GRATE.	533.8						-			8 .5								1		1					3		1	
DS 6-4	21+98.1		REMOVE EXISTING FRAME AND GRATE. REPLACE WITH MANHOLE FRAME AND COVER. REMOVE 82 FT. OF 12" CMP SLOT DRAIN, PLUG PIPE INLET.	534.4		12.1			2		6.6									1				1						. 1	
DS 7-1	23+70.8	18.0 LT	REMOVE EXISTING FRAME AND GRATE. REPLACE WITH MANHOLE COVER.	532.4			- 2							100	3 2 5 2					2				1 1			2			1	
DS 7-2	24+32.7	17.9 LT	REPLACE EXISTING STRUCTURE WITH NEW TYPE 48 MANHOLE WITH MANHOLE FRAME AND COVER. REPLACE EXISTING 9 LF OF 18" DIA. CMP OUTLET PIPE TO DS 7-4 WITH 9 LF OF 18" DIA. SICPP. INSTALL 5 LF OF 15" DIA. SICPP TO ROW LINE AND PLUG FOR FUTURE CONNECTION. CONNECT TO EXISTING 18" DIA. RCP WITH CONCRETE COLLAR.	531.7	N: 524.8 E: 528.6 SW: 524.8		21.9	31.0				307	1		5	# # # # # # # # # # # # # # # # # # #			2 E	1					9.6						
DS 7-3	24+40.3	24.0 RT	INSTALL NEW FRAME AND GRATE, REMOVE 47 FT. 12 CMP SLOT DRAIN, INSTALL NEW 10 FT. OF 12" DIA, SICPP FROM DS 7-3 TO DS 7-5.	530.5		7.0	3.6				8.9			10			2			1	1									1	
DS 7-4	24+40.7	13.0 LI	ALTER EXISTING 4'x4' DRAINAGE STRUCTURE FOR ROAD WIDENING. INSTALL NEW FRAME AND GRATE.	530.8																	1		1							1	
DS 7-5	24+49.1	23.0 1	ADJUST EXISTING MANHOLE FRAME AND COVER TO FINAL GRADE. CONNECT 10 FT. OF 12" DIA. SICPP.	531.0	411 1															, E		1.		-			a			NX (C)	
DS 7-6	24+56.6	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	530.4	8 × 8 g	. * *		102	2 8	2								8 9	100			1							1		
DS 7-7	24+71.6	13.0 LI	ALTER EXISTING 4'x4' DRAINAGE STRUCTURE FOR ROAD WIDENING. INSTALL NEW FRAME AND GRATE.	530.7		4		a *u										2 1			1 .		1							1	
DS 7-8	24+95.7	24.0 RT	GRADE.	530.5						* 10				1 .	3	8 8						1							1		
DS 7-9	24+98.6		ALTER EXISTING 2.54'x4' DRAINAGE STRUCTURE FOR ROAD WIDENING. INSTALL NEW FRAME AND GRATE.	530.8	2 5					2							2 4 5		a ²		1	s = 5	1						21 41	1	
DS 8-1	25+68.2	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	530.7		,				a .				2 2 2					4,	e " "	-	1	2						1		,
DS 8-2	26+21.2	13.0 LT	INSTALL NEW TYPE J DRAINAGE STRUCTURE WITH FRAME AND GRATE. INSTALL 19 FT. OF 12" DIA. SICPP OUTLET TO DS 8-6.	531.2	S: 527.9		21.9	31.3				310	g 4	19							1			\perp	3 1	5.8				1	
DS 8-3	26+24.7	17.4 LT	REMOVE EXISTING DRAINAGE STRUCTURE AND 16 FT. OF 12" DIA. RCP PIPE.	•				19.7		-	19.7	288						3	2						\perp				9 2		
DS 8-4	26+39.8	-1	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	531.0		-		7 × ×														1				1	10.0	1	1		i k
DS 8-5	26+41.9	18.3 LI	REMOVE EXISTING DRAINAGE STRUCTURE AND 5 FT. OF 12" DIA. CMP PIPE.			ă	12.5				10.8	69		a .	·		1														
DS 8-6	26+43.7	12.7 LT	INSTALL NEW TYPE 48 MANHOLE WITH MANHOLE FRAME AND COVER. REMOVE 3 LF OF EXISTING 12" DIA. RCP PIPE FROM DS 8-5. CONNECT 12" DIA. SICPP FROM DS 8-4.		N: 527.5 W: 527.4		15.2	21.0				208	1					2					113		6.5			= = = =			
DS 8-7			REPLACE MANHOLE FRAME AND COVER.	531.7	2 0			9							- 45	2 12								- 1		Di	Y.		1	- 1	
DS 8-8		CONTRACT C. CO.	NO WORK.	. '- '					<u> </u>	, .,			200			2000		0.10	1			100 F ₀	1 1		24			* * 3 8	200 St 100	1 2	
DS 8-9	27+04.7	35.2 LT	NO WORK.		2 10			3 :		100	1.0	T	1 1					20 1			10,						¥				



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> **DRAINAGE TABLE**

DRT-02

DRAINAGE TABLE (CONTINUED)

ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL

ITEM 203.07 - SELECT GRANULAR FILL

ITEM 206.0201 - TRENCH AND CULVERT EXCAVATION

ITEM 206.05 - TEST PIT EXCAVATION

ITEM 208.5401 - STORMWATER TREATMENT SYSTEM SWTD - MAXIMUM TREATMENT FLOW RATE OVER 2.8 CFS UP TO 3.8 CFS

ITEM 304.12 - SUBBASE COURSE, TYPE 2

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ITEM 603.9818 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18" DIAMETER

ITEM 603.9824 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24" DIAMETER

ITEM 603.9842 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 42" DIAMETER

ITEM 603.99050002 - CONCRETE PLUGS FOR SEWER PIPE

ITEM 604.070301 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.070302 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.070303 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.11 - PREFABRICATED ADJUSTMENT FRAMES FOR DRAINAGE STRUCTURES

ITEM 604,4048 - ROUND PRECAST CONCRETE MANHOLE TYPE 48

ITEM 604.301016 - RECTANGULAR DRAINAGE STRUCTURE TYPE J FOR #16 WELDED FRAME

ITEM 621.03 - CLEANING CLOSED DRAINAGE SYSTEMS

ITEM 621.04 - CLEANING DRAINAGE STRUCTURES

ITEM 655.04000006 - FURNISH AND INSTALL GRATES IN EXISTING FRAMES

ITEM 655.1116 - WELDED FRAME AND RETICULINE GRATE 16

ITEM 603.9830			CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24 DI		a sa a						655, 1202						NE GR	AIE I	0	v.	9 1				4 7			F 4	
STRUCTURE NUMBER	HCL STATION	OFFSET (FT)	WORK TO BE PERFORMED	RIM ELEV	INVERTS	TEM 203.02	TEM 203.07	ITEM 206.0201	ITEM	TTEM 304.12	TEM 552.17	ITEM 603.77		TEM 603.9815	TEM 603.9818	ITEM 603.9824	TEM 603.9830	ITEM 603.9842	ITEM 603.99050002	ITEM	ITEM		ITEM 604.070303 ITEM 604.4048	TE	ITEM	ITEM	ITEM 655.04000006	ITEM 655.1116	ITEM 655.1202
	-	ل			TUI	CY	CY	CY SLEY DR	Appendix None Confe	A CY	75555	EA	LF	LF	LF	LF	LF	LF	EA	EA	EA I	A E	EA LF	F LF	LF	EA	EA	EA	EA
		T	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL		Ino	KBEK 3	I TO AIN	SLET DK	(PLN-01	TO PLN-	10)		T						1 1		-	- 1							
DS 8-10	27+19.9	24.0 RT	GRADE.	531.1				1	1 - 1	1.0		11 10			1 2		21				1	8			200		1	. '	
DS 8-11	27+21.7	16.8 LT	REMOVE EXISTING DRAINAGE STRUCTURE AND 38 FT. OF 18" DIA. CMP PIPE FROM DS 8-11 TO DS 8-10.					37.8		33.:	569				3.	-	12	- 1								1			6
DS 8-12	27+29.0	13.9 LT	INSTALL NEW TYPE J DRAINAGE STRUCTURE WITH FRAME AND GRATE. CONNECT 15 FT. OF 18" SICPP EXTENSION FROM DS 8-9 & 9 FT. OF 8" HDPE PIPE EXTENSIONS. REPLACE 35 FT. 18" CMP PIPE WITH 18" SICPP PIPE.	531.4	NE: 527.5 E: 528.0 W: 527.2		41.4	86.2		52.	1170	TI R	9		50								101 101 101 101	6.7	,	# A	4		
DS 8-13	27+58.3	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	531.0	8 × 1 × 1					<i>y</i> .					2		1 11		,a 1		1						1	82	
DS 9-1	28+20.0	31.6 RT	ADJUST FRAME AND MANHOLE COVER TO FINAL GRADE.	531.1							2 1 5										1		7	+	-	+	12	+	\Box
DS 9-2	28+38.7	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REPLACE EXISTING 18 LF OF 12" DIA. CMP OUTLET PIPE TO DS 9-1 WITH 18 LF OF 12" DIA. SICPP.	530.6	A 4 5 2 2 4 4 5 4 5 4 5 6 5 6 6 6 6 6 6 6 6 6 6 6		7.3	29.4		26.	353		18		1 1						1						1	ir and	
DS 9-3	28+40.4		ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REPLACE EXISTING 45 LF OF 42" DIA. CMP OUTLET PIPE TO DS 9-1 WITH 45 LF OF 42" DIA. SICPP.	530.9			50.2	163.2		152	1 1102							45			1				311	8	1	2. 2.0	
DS 9-4	29+03.7	18.0 LT	ABANDON STRUCTURE IN PLACE, PLUG 12" DIA. CMP PIPE.	-		3.1				5.2									1						+	-			
DS 9-5	29+36.3	13.0 LT	ALTER EXISTING 4'x4' DRAINAGE STRUCTURE FOR ROAD WIDENING. INSTALL NEW FRAME AND GRATE. REPLACE EXISTING 94 LF OF 42' DIA. CMP OUTLET PIPE TO DS 9-3 WITH 94 LF OF 42' DIA. SICPP.	530.5			104.8	317.3		294.	1 2142							94		1	*	1	M H S					1	5 4 0 2
DS 9-6	29+36.8	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE.	530.2																	1				F 2 2	1	1		3
DS 9-7	29+63.3	13.0 LT	ALTER EXISTING 2.54x4' DRAINAGE STRUCTURE FOR ROAD WIDENING, INSTALL NEW FRAME AND GRATE, REPLACE EXISTING 25 LF OF 42" DIA. CMP OUTLET PIPE TO DS 9-5 WITH 25 LF OF 42" DIA. SICPP.	530.4			27.9	87.1		80.9	588							25		1		1	7				2	1	1 0 2 1 5 2
DS 9-8	29+64.0	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REPLACE EXISTING 25 LF OF 12" DIA. CMP OUTLET PIPE TO DS 9-6 WITH 25 LF OF 12" DIA. SICPP.	530.1		- 41 · 5	10.2	30.0		26.	360	AV.	25	8						. %.	1 .						1.		
DS 10-1	30+04.2	13.0 LT	ALTER EXISTING 2.54'x4' DRAINAGE STRUCTURE FOR ROAD WIDENING. INSTALL NEW FRAME AND GRATE. REPLACE EXISTING 39 LF OF 42' DIA. CMP OUTLET PIPE TO DS 9-7 WITH 39 LF OF 42' DIA. SICPP.	530.5			43.5	124.8		115.	2 842					r	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	39		1		1				28,	A NA	1	5 g
DS 10-2	30+20.0	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REPLACE EXISTING 54 LF OF 12" DIA. CMP OUTLET PIPE TO DS 9-8 WITH 54 LF OF 12" DIA. SICPP.	530.4		8	22.0	46.2		38.	554	av e	54					."			1		S .				1		
DS 10-3	30+67.2	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REPLACE EXISTING 45 LF OF 12" DIA. CMP OUTLET PIPE TO DS 10-2 WITH 45 LF OF 12" DIA. SICPP.	531.1			18.3	19.6		13.0	235		45	5			gr H	,			1		er a		50	s s s	1		- v
DS 10-4	30+86.1	7.2 LT	REPLACE EXISTING MANHOLE FRAME AND COVER. REPLACE EXISTING 80 LF OF 42" DIA. CMP OUTLET PIPE TO DS 10-1 WITH 80 LF OF 42" DIA. SICPP.	531.9	N: UNK. E: UNK. S: UNK.		89.2	253.6		233.	3 1712				6			80				2 22						a a 1	1



C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667

1/9/2025



AST BRIGHTON AVENUE 2R PAVING PROJECT THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

> DRAINAGE **TABLE**

DRT-03

DRAINAGE TABLE (CONTINUED)

ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL

ITEM 203,07 - SELECT GRANULAR FILL

ITEM 206.0201 - TRENCH AND CULVERT EXCAVATION

ITEM 206.05 - TEST PIT EXCAVATION

ITEM 208.5401 - STORMWATER TREATMENT SYSTEM SWTD - MAXIMUM TREATMENT FLOW RATE OVER 2.8 CFS UP TO 3.8 CFS

ITEM 304.12 - SUBBASE COURSE, TYPE 2

ITEM 552.17 - SHIELDS AND SHORING

ITEM 603.77 - CONCRETE COLLARS

ITEM 603,9812 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 12" DIAMETER

ITEM 603.9815 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 15" DIAMETER

ITEM 603.9818 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18" DIAMETER

ITEM 603.9824 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24" DIAMETER ITEM 603.9830 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 30" DIAMETER

ITEM 603.9842 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 42" DIAMETER

ITEM 603.99050002 - CONCRETE PLUGS FOR SEWER PIPE

ITEM 604.070301 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.070302 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.070303 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES

ITEM 604.11 - PREFABRICATED ADJUSTMENT FRAMES FOR DRAINAGE STRUCTURES

ITEM 604.4048 - ROUND PRECAST CONCRETE MANHOLE TYPE 48

ITEM 604.301016 - RECTANGULAR DRAINAGE STRUCTURE TYPE J FOR #16 WELDED FRAME.

ITEM 621.03 - CLEANING CLOSED DRAINAGE SYSTEMS

ITEM 621.04 - CLEANING DRAINAGE STRUCTURES

ITEM 655,04000006 - FURNISH AND INSTALL GRATES IN EXISTING FRAMES

ITEM 655.1116 - WELDED FRAME AND RETICULINE GRATE 16

ITEM 655,1202 - MANHOLE FRAME AND COVER

STRUCTURE NUMBER	HCL STATION	OFFSET (FT)	WORK TO BE PERFORMED		INVERTS	Q ITEM 203.02	Q ITEM 203.07	Q ITEM 206.0201	EA ITEM	H ITEM 208.5401	Q ITEM 304.12	% ITEM 552.17	у ітем 603.77	¶ ITEM 603.9812	¶ ITEM 603.9815	H ITEM 603.9818	디 ITEM 603.9824	П ITEM 603.9830	П ITEM 603.9842	у гтем 603.99050002	В ITEM 604.11	g ITEM 604.070301	प्र ITEM 604.070302	TEM	ITEM	TEM	TEM TEM	以 ITEM 621.04 四 ITEM 655.04000006		у ITEM 655.1716
1.7					THUE	BER ST	TO AINS	SLEY DR	PLN-01	1 TO P	LN-15)											-		-		ــــــــــــــــــــــــــــــــــــــ		فسموسية		
DS 10-5	31+00.4	38.4 LT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REPLACE EXISTING 32 LF OF 42" DIA. CMP OUTLET PIPE TO DS 10-4 WITH 35 LF OF 42" DIA. SICPP.	532.9			35.7	107.5			99.6	725				32						1						1		
DS 10-6	31+42.8	49.0 LT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REPLACE EXISTING 40 LF OF 18" DIA. CMP OUTLET PIPE TO DS 10-5 WITH 40 LF OF 18" DIA. SICPP.	533.8			25.0	77.4			70.0	697				40				W. 2		1	26 J						L.	5 b
DS 10-7	31+52.1	1	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REPLACE EXISTING 9 LF OF 18" DIA. CMP OUTLET PIPE TO DS 10-6 WITH 9 LF OF 18" DIA. SICPP.	534.5			5.6	13.4			11.7	121	α .		8.5	9				5	10 10	1						1	1	
DS 10-8	31+81.5		INSTALL NEW TYPE J DRAINAGE STRUCTURE WITH FRAME AND GRATE. CONNECT 30" & 12" SICPP PIPES. REPLACE EXISTING 120 LF CMP OUTLET PIPE TO DS 10-4 WITH 30" DIA. SICPP PIPE	535.7	N: 527.3 W: 527.4 S: 527.3		125.9	279.9	1		114.6	2211						120	-		1				1	1.6				1
DS 11-1	32+33.4	24.0 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REMOVE EXISTING 31 LF OF 12" DIA. CMP OUTLET PIPE TO TEE. INSTALL NEW OUTLET PIPE TO DS 10-8 WITH 41 LF OF 12" SICPP.	536.4			27.3	87.5			62.7	1050	34 35 19	41								1					2 E		1	× = 0
DS 11-2	32+96.0	13.0 LT	ALTER EXISTING 5x5' DRAINAGE STRUCTURE FOR ROAD WIDENING, INSTALL NEW FRAME AND GRATE. REPLACE EXISTING 83 LF OF 30" DIA. CMP OUTLET PIPE TO DS 10-8 WITH 83 LF OF 30" DIA. SICPP.	539.0		2 .	67.3	186.6			101.3	1439		8 8				83		36	1		1							1
DS 11-3	33+65.5	13.0 LT	ALTER EXISTING 4'x4' DRAINAGE STRUCTURE FOR ROAD WIDENING. INSTALL NEW FRAME AND GRATE. REPLACE EXISTING 68 LF OF 24" DIA. CMP OUTLET PIPE TO DS 11-2 WITH 68 LF OF 24" DIA. SICPP.	541.4			50.4	152.0			138.3	1263					68				1		1							1
DS 12-1	34+48.5		ALTER EXISTING 4x4' DRAINAGE STRUCTURE FOR ROAD WIDENING. INSTALL NEW FRAME AND GRATE.	543.8		3 8 9				-12			-2		- 4	a., .					1	E 9	1		2.2.5		***		N	1
DS 12-2	35+03.0	13.0 LT	WIDENING, INSTALL NEW FRAME AND GRATE.	544.9											-						1		1							1
DS 12-3	35+42.1	23.9 RT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REMOVE EXISTING 33 LF OF 12" DIA. CMP OUTLET PIPE TO TEE, PLUG ENTRY TO 24" RCP. INSTALL NEW OUTLET PIPE TO DS 12-4 WITH 38 LF OF 12" SICPP.	545.3	N: 535.5 W: 536.1 S:535.8	a 8	27.1	94.6			71.0	1135		38	8					1		1							1	
DS 12-4	35+61.7	13.0 LT	ALTER EXISTING 4'x4' DRAINAGE STRUCTURE FOR ROAD WIDENING. INSTALL NEW FRAME AND GRATE. CONNECT 12" DIA. SICPP PIPE.	545.8			4							. ×							1		1				v		~	1
DS 13-1	36+57.5	18.7 LT	REMOVE EXISTING STRUCTURE AND 6 FT. OF 12" CMP.	546.8				13.4			19.4	106	8		5 2						1									
DS 13-2	36+59.6	13.0 LT	ALTER EXISTING 2.54x4' DRAINAGE STRUCTURE FOR ROAD WIDENING, INSTALL NEW FRAME AND GRATE, PLUG 12" CMP OUTLET FROM DS 13-1.	546.9	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							,							5	1	1		1						A II	1
DS 13-3	37+03.1	0.7 RT	ADJUST FRAME AND COVER TO FINAL GRADE.	547.7																		1		- 1		- 1				- H
DS 13-4	A 5+43.4	29.6 LT	GRADE, SEE NOTE 14.	547.7			56.2	89.6			72.9	806		90					į			1			2			1 1	1	
DS 13-5	A 25+56.3	25.9 LT	ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REPLACE EXISTING 12 LF OF 12" DIA. CMP OUTLET PIPE TO DS 13-5 WITH 12 LF OF 12" DIA. SICPP.	547.9			4.9	18.1			16.4	217		12	*							1	2 8						1	



C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667





EAST BRIGHTON AVENUE 2R PAVING PROJECT THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 JANUARY 2025 DATE: DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

DRAINAGE **TABLE**

DRT-04

DRAINAGE TABLE (CONTINUED) ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL ITEM 603.9842 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 42" DIAMETER ITEM 203.07 - SELECT GRANULAR FILL ITEM 603.99050002 - CONCRETE PLUGS FOR SEWER PIPE ITEM 206 0201 - TRENCH AND CULVERT EXCAVATION ITEM 604.070301 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES ITEM 206.05 - TEST PIT EXCAVATION ITEM 604.070302 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES ITEM 208.5401 - STORMWATER TREATMENT SYSTEM SWTD - MAXIMUM TREATMENT FLOW RATE OVER 2.8 CFS UP TO 3.8 CFS ITEM 604.070303 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES ITEM 304.12 - SUBBASE COURSE, TYPE 2 ITEM 604.11 - PREFABRICATED ADJUSTMENT FRAMES FOR DRAINAGE STRUCTURES ITEM 552.17 - SHIELDS AND SHORING ITEM 604.4048 - ROUND PRECAST CONCRETE MANHOLE TYPE 48 ITEM 603.77 - CONCRETE COLLARS ITEM 604.301016 - RECTANGULAR DRAINAGE STRUCTURE TYPE J FOR #16 WELDED FRAME ITEM 603.9812 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 12" DIAMETER ITEM 621.03 - CLEANING CLOSED DRAINAGE SYSTEMS ITEM 603.9815 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 15" DIAMETER ITEM 621.04 - CLEANING DRAINAGE STRUCTURES ITEM 603.9818 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18" DIAMETER ITEM 655.04000006 - FURNISH AND INSTALL GRATES IN EXISTING FRAMES ITEM 603.9824 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24" DIAMETER ITEM 655.1116 - WELDED FRAME AND RETICULINE GRATE 16 ITEM 603.9830 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 30" DIAMETER ITEM 655.1202 - MANHOLE FRAME AND COVER ITEM 655.04000000 罗 ITEM 604.11 図 ITEM 604.070301 604.070303 603.9815 603.9812 603.9818 ITEM 603.9842 ITEM 604.3010 ITEM 655.1116 603.9824 ITEM 603.9830 ITEM 604.4048 ITEM 604.0703 TRUCTURE HCL OFFSET 621.03 ITEM 621.04 **WORK TO BE PERFORMED** RIM ELEV INVERTS NUMBER STATION 208 206 552 TEM ITEM ITEM ITEM TE TEM TEM ITEM (CY CY CY EA CY EA LF LF LF LF FA SF LF EA EA EA EA THURBER ST TO AINSLEY DR (PLN-01 TO PLN-15) ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL 32.0 RT GRADE. REPLACE EXISTING 9 LF OF 12" DIA. CMP OUTLET PIPE DS 13-6 A 5+57.0 548.1 3.7 10.9 9.7 131 9 TO DS 13-7 WITH 9 LF OF 12" DIA. SICPP DS 13-7 A 5+58.3 41.9 RT NO WORK. SEE NOTE 11. ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL GRADE. REPLACE EXISTING 14 LF OF 18" DIA. CMP OUTLET PIPE DS 13-8 A 5+42.8 46.0 RT 548.6 8.7 21.2 18.6 191 1 TO DS 13-7 WITH 14 LF OF 18" DIA. SICPP. ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL 27.1 RT GRADE. REPLACE EXISTING 64 LF OF 12" DIA. CMP OUTLET PIPE DS 13-9 37+95.2 548.5 26.0 54.0 45.1 648 64 TO DS 13-8 WITH 64 LF OF 12" DIA. SICPP. DS 14-1 A 6+16.7 24.4 RT NO WORK. INSTALL NEW TYPE J DRAINAGE STRUCTURE WITH FRAME AND GRATE. INSTALL 32 FT. OF 15" SICPP AT STRUCTURE OUTLET TO A 6+62.1 22.0 LT 548.8 S: 545.2 25.6 39.3 3.5 198 32 6.0 STRUCTURE DS 14-3. ADJUST FRAME AND COVER TO FINAL GRADE. CONNECT 15" SICPP FROM DS 14-2. REPLACE EXISTING 47 LF OF 18" DIA. CMP DS 14-3 A 6+65.8 548.4 N: 544.6 29.3 48.4 47 436 OUTLET PIPE TO DS 14-1 WITH 47 LF OF 18" DIA. SICPP SUBTOTAL 143.0 1029.2 2679.9 3 0 2129.3 23049 2 434.0 37.0 192.0 68.0 203.0 283.0 11 21 41 16 3 16.1 35.1 70.0 3 37 21 6 BRIGHTON TOWERS TO CITY LIMIT (PLN-16 TO PLN-27) 50+76.1 | 50.3 LT NO WORK. DS 16-1 DS 16-2 51+03.8 60.1 LT ADJUST FRAME AND COVER TO FINAL GRADE 655.0 INSTALL NEW TYPE J DRAINAGE STRUCTURE WITH FRAME AND DS 16-3 51+27.4 31.7 LT GRATE. CONNECT TO EXISTING 12" DIA. CMP WITH CONCRETE 654.9 N: 651.4 16.0 22.8 204 6.2 COLLAR AND 6" UNDERDRAIN OUTLET PIPE. DS 16-4 51+99.3 17.0 LT REPLACE WITH MANHOLE FRAME AND COVER 656.4 54+74.3 DS 17-1 6.5 LT ADJUST FRAME AND COVER TO FINAL GRADE. 658.1 INSTALL NEW FRAME AND GRATE FRAME TO FINAL GRADE. DS 17-2 54+78.9 26.0 RT 657.7 ADJUST STRUCTURE TO ACCEPT 6" UNDERDRAIN PIPE. ADJUST EXISTING FRAME, INSTALL NEW GRATE TO FINAL GRADE DS 18-1 56+15.3 26.0 RT 658.5 AND ACCEPT 6" UNDERDRAIN PIPE DS 18-2 57+01.6 3.9 LT ADJUST FRAME AND COVER TO FINAL GRADE 660.0 INSTALL NEW FRAME AND GRATE FRAME TO FINAL GRADE. DS 18-3 57+08.0 659.4 ADJUST STRUCTURE TO ACCEPT 6" UNDERDRAIN PIPE. 12.0 LT ADJUST FRAME AND COVER TO FINAL GRADE

663.2

662.6

670.5

673.8

673.5

674.1

E: 655.6

S: UNK.

W: 655.6

N: 664.3

S: 668.2

22.1

31.2

309

INSTALL NEW SWITD WITH FRAME AND GRATE. CONNECT TO

ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL

ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL

COLLARS. ADJUST STRUCTURE TO ACCEPT 6" UNDERDRAIN PIPE.

26.0 RT EXISTING 24" DIA. RCP PIPES AND 8" PVC PIPE WITH CONCRETE

29.8 RT CONNECT 12" SICPP OUTLET FROM DS 20-5. SEE NOTE 11.

61+43.1 43.0 LT ADJUST EXISTING FRAME AND COVER TO FINAL GRADE

DS 19-1

DS 19-2

DS 20-1

DS 20-2

DS 20-3

DS 20-4

58+29.5

58+32.4

60+91.9

31+25.4

61+28.1

39.4 RT

26.0 LT

GRADE

GRADE



C&S Engineers, Inc 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.cor

1/9/2025



EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT **AVENUE**

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION PROJECT NO: 119.429.001

DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS

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NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

DRAINAGE **TABLE**

DRT-05

DRAINAGE TABLE (CONTINUED) ITEM 203.02 - UNCLASSIFIED EXCAVATION AND DISPOSAL ITEM 603.9842 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 42" DIAMETER ITEM 203.07 - SELECT GRANULAR FILL ITEM 603.99050002 - CONCRETE PLUGS FOR SEWER PIPE ITEM 206.0201 - TRENCH AND CULVERT EXCAVATION ITEM 604,070301 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES ITEM 206.05 - TEST PIT EXCAVATION ITEM 604.070302 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES ITEM 208.5401 - STORMWATER TREATMENT SYSTEM SWITD - MAXIMUM TREATMENT FLOW RATE OVER 2.8 CFS UP TO 3.8 CFS ITEM 604.070303 - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES ITEM 304.12 - SUBBASE COURSE, TYPE 2 ITEM 604.11 - PREFABRICATED ADJUSTMENT FRAMES FOR DRAINAGE STRUCTURES ITEM 552.17 - SHIELDS AND SHORING ITEM 604.4048 - ROUND PRECAST CONCRETE MANHOLE TYPE 48 ITEM 603.77 - CONCRETE COLLARS ITEM 604.301016 - RECTANGULAR DRAINAGE STRUCTURE TYPE J FOR #16 WELDED FRAME ITEM 603.9812 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 12" DIAMETER ITEM 621.03 - CLEANING CLOSED DRAINAGE SYSTEMS ITEM 603.9815 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 15" DIAMETER ITEM 621.04 - CLEANING DRAINAGE STRUCTURES ITEM 603.9818 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18" DIAMETER ITEM 655.04000006 - FURNISH AND INSTALL GRATES IN EXISTING FRAMES ITEM 603.9824 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24" DIAMETER ITEM 655.1116 - WELDED FRAME AND RETICULINE GRATE 16 ITEM 603.9830 - SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 30" DIAMETER ITEM 655, 1202 - MANHOLE FRAME AND COVER ITEM 603,99050002 ITEM 604.301016 TEM 604.070301 ITEM 604.070302 TEM 604.070303 ITEM 655.1116 ITEM 603.9812 ITEM 603.9815 ITEM 603.9818 ITEM 603.9830 ITEM 621.03 STRUCTURE HCL OFFSET TEM 603.77 ITEM 621.04 RIM ELEV INVERTS WORK TO BE PERFORMED 304 603 603 ITEM 655. 355. NUMBER STATION ITEM (ITEM (CY LF LF LF EA EA EA EA CY CY CY EA EA SF EA LF LF LF FA EΑ LF LF LF EA EA EA BRIGHTON TOWERS TO CITY LIMIT (PLN-16 TO PLN-27) INSTALL NEW TYPE J DRAINAGE STRUCTURE WITH FRAME AND DS 20-5 62+06.6 25.8 RT GRATE, INSTALL 75 FT. OF 12" SICPP AT STRUCTURE OUTLET TO 678.8 N: 671.95 97.1 30.9 75 9.3 50.3 1061 STRUCTURE DS 20-2. 62+07.7 43.1 LT NO WORK. DS 20-6 DS 21-1 S 2+72.5 | 27.8 LT NO WORK ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL 26.0 LT 682.5 DS 22-1 62+61.4 1 GRADE ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL 47.7 LT DS 22-2 63+61.3 690.2 1 GRADE INSTALL NEW GRATE IN EXISTING FRAME, CLEAN DRAINAGE DS 22-3 73.8 RT 63+61.6 STRUCTURE. 29.0 LT INSTALL NEW FRAME AND GRATE FRAME TO FINAL GRADE DS 22-4 63+89.0 691.3 DS 22-5 71.8 RT ADJUST EXISTING FRAME AND COVER TO FINAL GRADE. 691.6 1 92.5 RT STRUCTURE INSTALL NEW GRATE IN EXISTING FRAME, CLEAN DRAINAGE DS 22-6 64+02.1 DS 22-7 40.5 RT SEE NOTE 11 64+19.6 ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL DS 23-1 65+39.9 24.1 LT 701.4 GRADE DS 23-2 66+80.1 14.4 LT INSTALL NEW FRAME AND GRATE FRAME TO FINAL GRADE 711.5 1 14.0 LT INSTALL NEW FRAME AND GRATE FRAME TO FINAL GRADE. DS 24-1 68+35.1 720.7 1 ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL 24.8 RT GRADE 68+35.6 722.0 DS 24-2 ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL DS 25-1 69+40 9 14.0 LT 724.5 1

151.1

DS 25-2

DS 25-3

1. REFER TO DRD DWGS FOR DRAINAGE DETAILS

DS 27-1 75+16.0 21.7 LT NO WORK

71+15.9

71+16.3

2. FOR ADDITIONAL INFORMATION ON THE ORIENTATION OF PIPE INVERTS SEE ON PLN DWGS.

GRADE

GRADE.

GRADE

14.0 RT

14.0 LT

- 3. OFFSETS FOR STRUCTURES ADJACENT TO CURB ARE TAKEN AT CURB LINE. OFFSETS FOR ALL OTHER STRUCTURES TAKEN AT CENTER OF GRATE OR COVER.
- 4. CONTRACTOR TO VERIFY THAT NO UNDOCUMENTED PIPES OUTLET TO THE STRUCTURES THAT ARE TO REMOVED OR ABANONED. IF IT IS DETERMINED THAT THE STRUCTURES ARE TO REQUIRED TO REMAIN THEY SHOULD BE MODIFIED TO REMOVE THE EXISTING FRAME AND GRATE (ITEM 604.070303) AND REPLACED WITH MANHOLE FRAME AND COVER (ITEM 655.1202).
- 5. ITEM 655.04000006 FURNISH AND INSTALL GRATES IN EXISTING FRAMES SHALL BE REPLACED WITH TYPE 02028034 GALVANIZED STEEL RETICULINE GRATE BY EJ OR APPROVE EQUAL
- 6. EXISTING FRAMES THAT REQUIRE REPLACEMENT DUE TO THEIR CONDITION SHOULD BE REPLACED WITH 7160Z CAST FRAME BY EJ OR APPROVED EQUAL. FRAME SHALL BE MODIFIED TO REMOVE BACK FLANGE AND GUSSETS TO ACCOMDATE CURB. COST TO BE PAID FOR UNDER ITEM 655,1116.
- 7. EXISTING CMP PIPE SHOULD BE REPLACED DUE TO ITS DETERIORTED CONDITION. ANY CMP ENCOUNTERED THAT IS NOT INCLUDED IN THIS TABLE SHOULD BE REPLACED WITH SICPP A.O.B.E.

729.2

729.3

- 8. NEW STRUCTURES (ITEM 604.301016) OR EXISTING MODIFIED EXISTING STRUCTURES (ITEM 604.070302) SHALL USE ITEM 655,1116 WELDED FRAME AND RETICULINE GRATE 16.
- 9. SEE "DETAIL A" ON DWG DRD-02 FOR CURB SEAT TO BE CAST INTO TOP SLAB OF ITEM ITEM 604,301016.
- 10. TEST PIT EXCAVATION (ITEM 206.05) HAS BEEN INCLUDED IN AREAS WHERE THERE MAY BE UTILITY CONFLICTS WITH PROPOSED DRAINAGE STRUCTURES AND/OR PIPES. CONTRACTOR TO CONFIRM ANY POTENTIAL CONFLICTS PRIOR TO INSTALLATION.
- 11. SEE STONE FILL TABLE ON DWG MST-07 FOR PLACEMENT AROUND FIELD INLET STRUCTURES DS 3-2, DS13-7, DS 20-2 & DS 22-7.

ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL

ADJUST EXISTING FRAME AND INSTALL NEW GRATE TO FINAL

- 12. ITEM 204.01 CONTROLLED LOW STRENGTH MATERIAL (CLSM) SHOULD BE PLACED A.O.B.E IN AREAS WHERE ADEQUATE COMPACTION CANNOT BE MET.
- 13. COST OF ANY MODIFICATIONS REQUIRED TO CONNECT PIPES TO EXISTING DRAINAGE STRUCTURES (ENLARGING ENTRY HOLE, CREATING A NEW ENTRY AND SEALING) SHALL BE INCLUDED UNDER THE RESPECTIVE 603 PIPE ITEM.
- 14. PLUGGED 12" DIA. CMP PIPE HAS UNKNOWN ORIGIN BUT SHALL BE REPLACED IF REQUIRED FOR FUNCTION OF DRAINAGE SYSTEM WITH 12" DIA. SICPP PIPE, QUANTITIES IN THE TABLE ASSUME PIPE OUTLETS FROM DS 14-1. IF THE PIPE IS DETERMINED TO NOT HAVE ANY FUNCTION NO WORK IS REQUIRED.

COMPANIES

C&S Engineers, Inc. 499 Col Eileen Collins Blvd, Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667

1/9/2025



1ST BRIGHTON AVENUE2R PAVING PROJECT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

EAST

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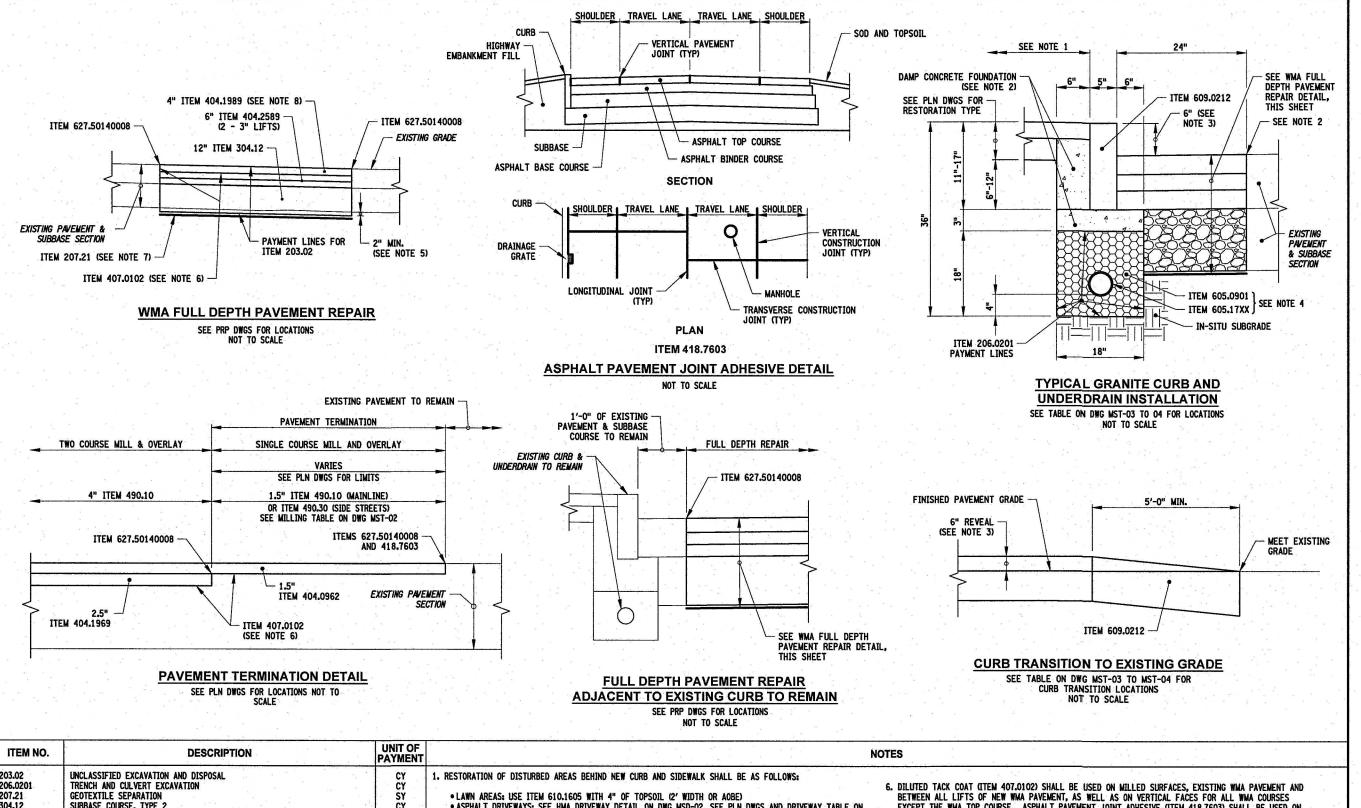
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MARK DATE DESCRIPTION

PROJECT NO: 119,429,001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YOR EDUCATION LAW

> DRAINAGE **TABLE**

DRT-06



	ITEM NO.	DESCRIPTION	PAYMENT	
	203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	1.
	206.0201	TRENCH AND CULVERT EXCAVATION	CY	
	207.21	GEOTEXTILE SEPARATION	SY	
	304.12	SUBBASE COURSE, TYPE 2	CY	
	404.0962	9.5 F2 TOP COURSE WMA, 60 SERIES COMPACTION	TON	17
	404.1969	19.0 F9 BINDER COURSE WMA, 60 SERIES COMPACTION	TON	
	404.1989	19.0 F9 BINDER COURSE WMA, 80 SERIES COMPACTION	TON	. 52
	404.2589	25 F9 BASE COURSE WMA, 80 SERIES COMPACTION	TON	2005
2	407.0102	DILUTED TACK COAT	GAL	
	418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	LF	2.
	490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	SY	
-	490.30	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	SY	3.
7	605.0901	UNDERDRAIN FILTER, TYPE 1	CY	
	605.1701	OPTIONAL UNDERDRAIN PIPE, 4 INCH DIAMETER	LF	
	605.1702	OPTIONAL UNDERDRAIN PIPE, 6 INCH DIAMETER	LF	4.
	609.0212	STONE CURB NEAR VERTICAL FACE (NVF)	LF	1
	627.50140008	CUTTING PAVEMENT	LF	l
			5.	5.

- ASPHALT DRIVEWAYS: SEE HMA DRIVEWAY DETAIL ON DWG MSD-O2. SEE PLN DWGS AND DRIVEWAY TABLE ON DWG DWT-01 TO DWT-03 FOR REPLACEMENT LOCATIONS AND LIMITS.
- CONCRETE SIDEWALKS AND DRIVEWAY APRONS: SEE CONCRETE SIDEWALK AND DRIVEWAY DETAIL ON DWG MSD-02. SEE PLN DWGS AND CONCRETE SIDEWALK TABLE ON DWG MST-05 TO 06 FOR REPLACEMENT
- 2. PAYMENT FOR SAWCUTTING, CONCRETE FOUNDATION AND BACKING TO BE INCLUDED UNDER CURB ITEM.
- 6. 6" DIMENSION FROM TOP OF CURB TO BOTTOM OF CURB IS OPTIMAL DESIGN DIMENSION, THIS DIMENSION MAY VARY DUE TO CHANGES IN PAVEMENT GRADE AND AS DIRECTED BY THE ENGINEER.
- . SEE CURB AND UNDERDRAIN TABLE ON DWG MST-03 TO MST-04 FOR LOCATIONS AND SIZES OF UNDERDRAIN INSTALLATION. UNDERDRAIN PIPE TO BE CENTERED HORIZONTALLY IN TRENCH.
- . SUBBASE SHALL BE PLACED A MINIMUM OF 2" BELOW THE BOTTOM OF EXISTING SUBBASE OR BE 12" DEEP, WHICHEVER IS GREATER.

- 6. DILUTED TACK COAT (ITEM 407.0102) SHALL BE USED ON MILLED SURFACES, EXISTING WMA PAVEMENT AND BETWEEN ALL LIFTS OF NEW WMA PAVEMENT, AS WELL AS ON VERTICAL FACES FOR ALL WMA COURSES EXCEPT THE WMA TOP COURSE. ASPHALT PAVEMENT JOINT ADHESIVE (ITEM 418.7603) SHALL BE USED ON VERTICAL FACES FOR ALL JOINTS IN THE WMA TOP COURSE, INCLUDING CURBS AND DRAINAGE STRUCTURES.
- 7. ITEM 207.21 GEOTEXTILE SEPARATION, SHALL BE STRENGTH CLASS 2 AND SEPARATION CLASS 'X'.
- 8. FULL DEPTH REPAIRS SHOULD TAKE PLACE PRIOR TO MILLING OPERATIONS. PLACE BINDER COURSE TO MEET EXISTING PAVEMENT SURFACE ELEVATION. IF BINDER THICKNESS IS MORE THAN 4". IT SHALL BE INSTALLED



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1/9/2025



AVENUE

SYRACUSE OF ENGINEERING LIMIT EAST BRIGHTON AVENU 2R PAVING PROJECT THURBER STREET TO CITY LIMIT CITY OF S DEPARTMENT C

MARK DATE DESCRIPTION

EAST

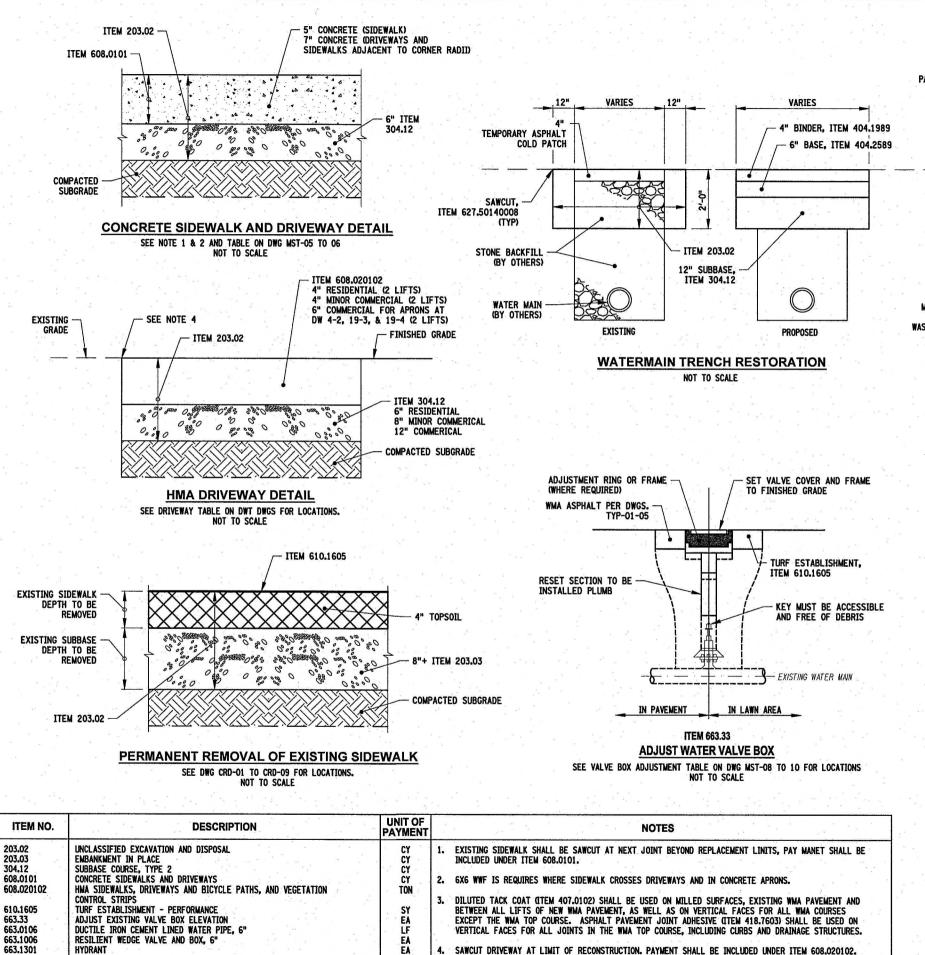
PROJECT NO: 119.429.001 JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS

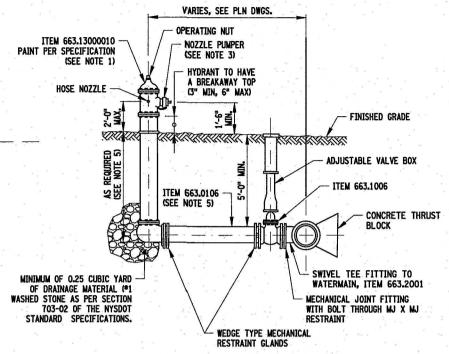
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MISCELLANEOUS DETAILS

MSD-01

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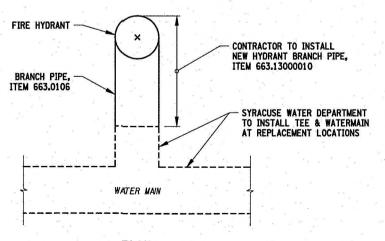


HYDRANT NOTES:

- CITY OF SYRACUSE WATER DEPARTMENT WILL PROVIDE FIRE HYDRANTS FOR INSTALLATION. CONTRACTOR TO COORDINATE PICK-UP FROM WATER DEPARTMENT COMMISSIONER JOE AWALD AT (315) 448-8340.
- 2. REFER TO PLN DWGS AND TABLE OF HDRANTS ON MST DWGS LOCATION AND DETAILS.
- 3. ORIENTATE PUMPER NOZZLE PERPENDICULAR TO EDGE OF ROADWAY.
- 6.5 FT OF BRANCH PIPE BETWEEN VALVE AND HYDRANT STEM INCLUDED IN ITEM 663,1301. PIPE FOOTAGE INSTALLED IN EXCESS OF 6 FT SHALL BE PAID UNDER ITEM 663,0106.
- 5. CONTRACTOR SHALL VERIFY HYDRANT STEM LENGTH BASED ON FIELD CONDITIONS AND GRADES PRIOR TO SECURING NEW HYDRANTS TO INSURE PROPER INSTALLATION HEIGHT.

FIRE HYDRANT ASSEMBLY

NOT TO SCALE



PLAN

FIRE HYDRANT INSTALLATION AT NEW MAINS

NOTE: SEE HYDRANT TABLE ON DWG MST-02 FOR LOCATIONS
NOT TO SCALE

COMPANIES

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ECT Y LIMIT

EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT
CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

PROJECT NO: 119.429.001

DATE: JANUARY 2025

DRAWN BY: DJB

DESIGNED BY: DJB

CHECKED BY: DOS

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MISCELLANEOUS DETAILS

MSD-02

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CURB RAMP SLOPE

NEW CURB (ITEM 609.0212)

DETECTABLE WARNING UNIT (ITEM 608.21000003)

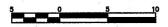
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CONCRETE SIDEWALK (ITEM 608.0101)

ASPHALT DRIVEWAY (ITEM 608.020102)

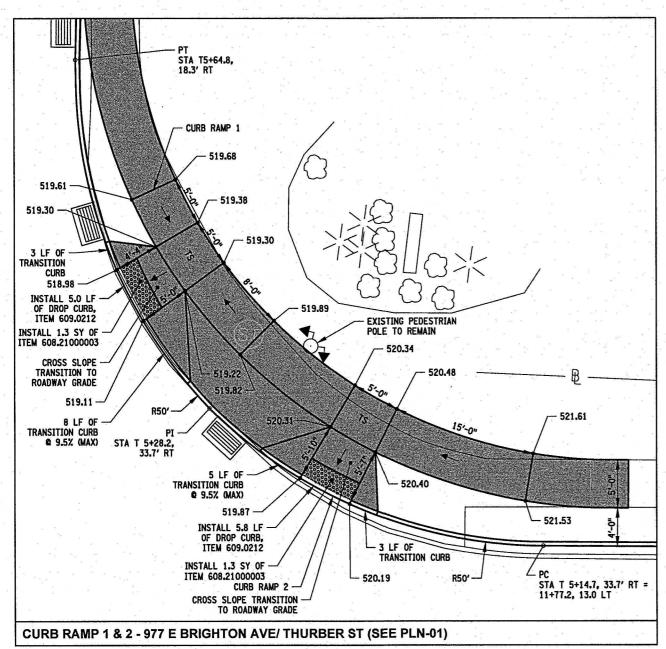
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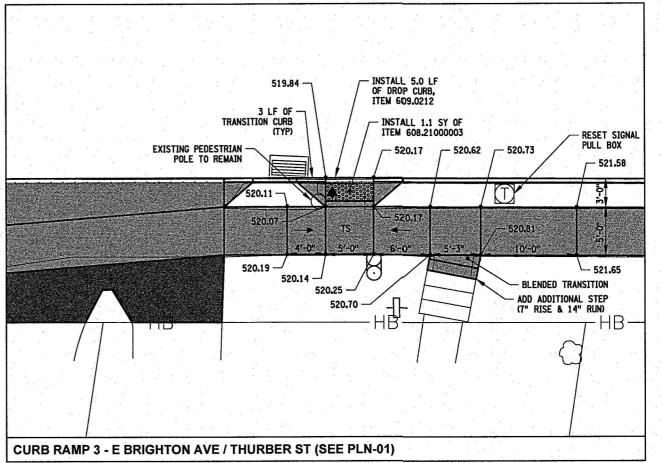
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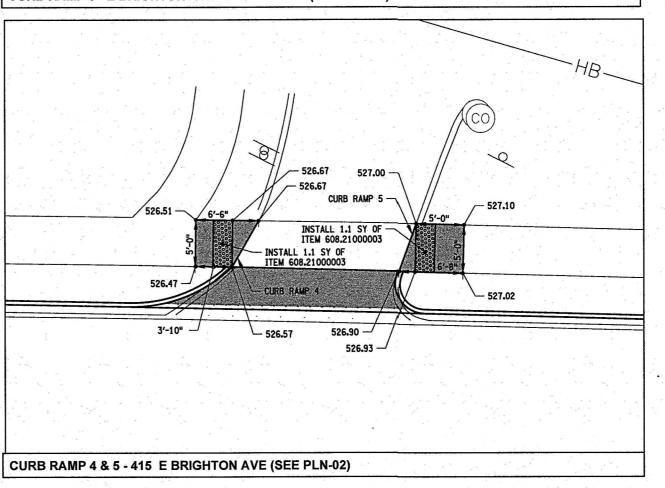




ITEM NO.	DESCRIPTION	UNIT OF PAYMENT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
608,0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
608.21000003	CAST IRON EMBEDDED DETECTABLE WARNING UNITS	SY
609.0212	STONE CURB NEAR VERTICAL FACE (NVF)	LF.
610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY









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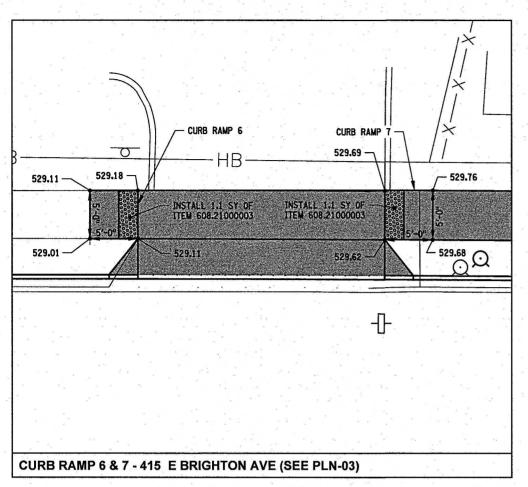
CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

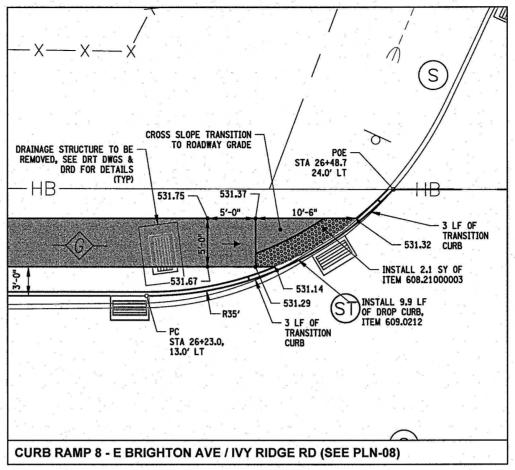
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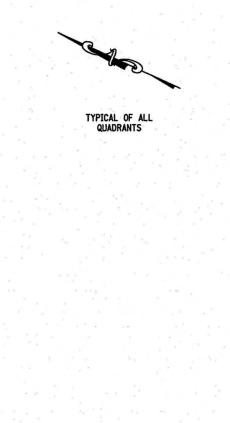
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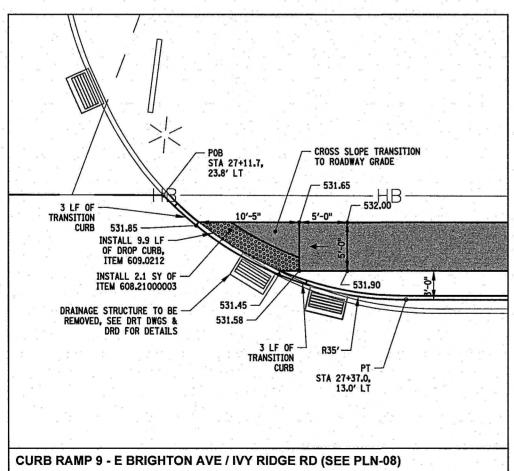
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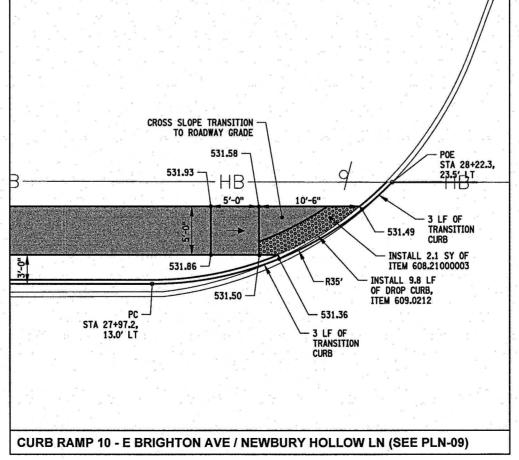
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CURB RAMP SLOPE

NEW CURB (ITEM 609.0212)

DETECTABLE WARNING UNIT (ITEM 608.21000003)

PERMANENT CONCRETE REMOVAL (ITEM 203.02)

CONCRETE SIDEWALK (ITEM 608.0101)

ASPHALT DRIVEWAY (ITEM 608.020102)

TOP OF CURB

BOTTOM OF CURB

TURNING SPACE TS

	ITEM NO.	DESCRIPTION	UNIT OF PAYMENT
	203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
1	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
	608.21000003	CAST IRON EMBEDDED DETECTABLE WARNING UNITS	SY
	609.0212	STONE CURB NEAR VERTICAL FACE (NVF)	LF
	610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY





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DEPARTMENT OF ENGINEERING

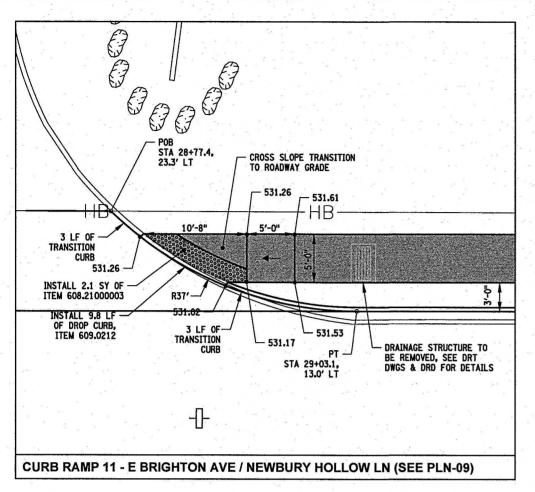
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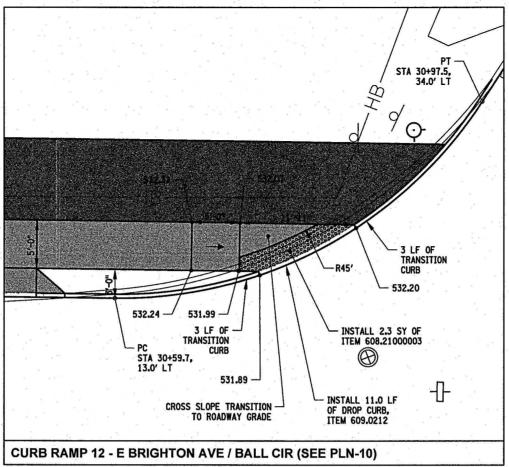
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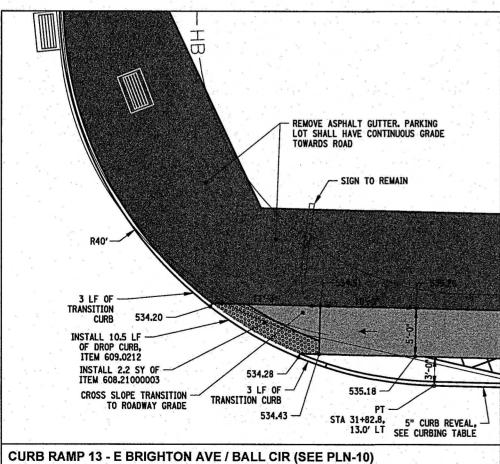
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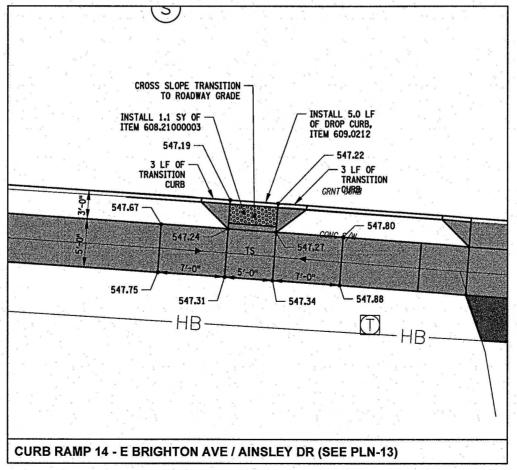
CURB RAMP DETAILS

> **CRD-02** 45 of 241









CURB RAMP SLOPE

NEW CURB (ITEM 609.0212)

DETECTABLE WARNING UNIT (ITEM 608.21000003)

PERMANENT CONCRETE REMOVAL (ITEM 203.02)

TYPICAL OF ALL

QUADRANTS

CONCRETE SIDEWALK (ITEM 608.0101)

ASPHALT DRIVEWAY (ITEM 608.020102)

TOP OF CURB

BOTTOM OF CURB

TS TURNING SPACE

ITEM NO.	DESCRIPTION	UNIT OF PAYMENT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
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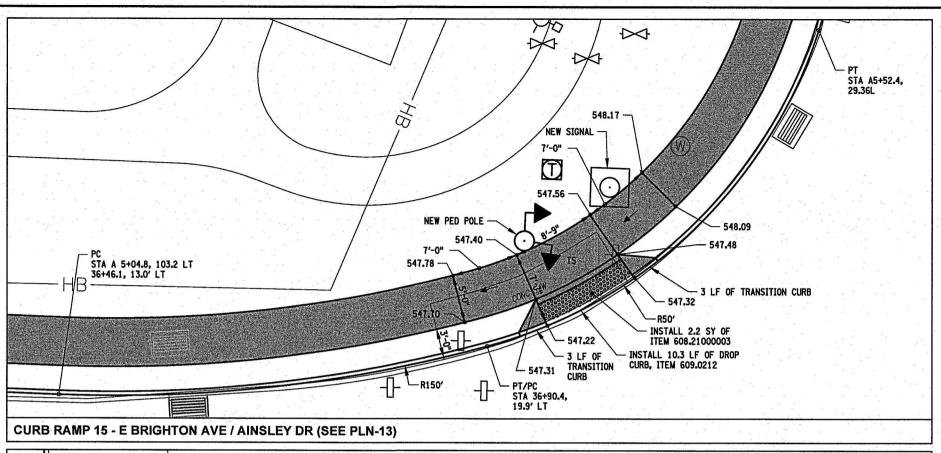
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2R PAVING PROJECT
THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

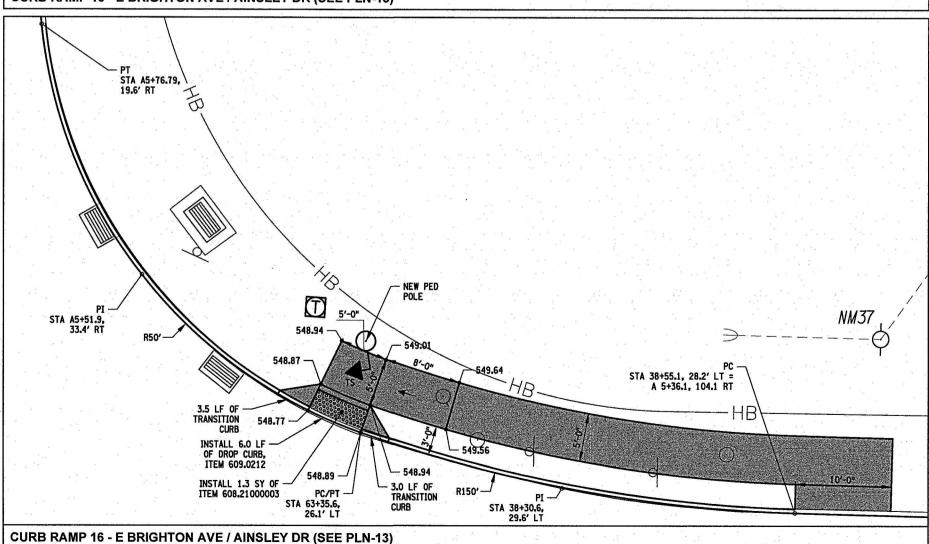
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> **CURB RAMP DETAILS**

CRD-03







TYPICAL OF ALL QUADRANTS

CURB RAMP SLOPE

NEW CURB (ITEM 609.0212)

DETECTABLE WARNING UNIT (ITEM 608.21000003)

PERMANENT CONCRETE REMOVAL (ITEM 203.02)

CONCRETE SIDEWALK (ITEM 608.0101)

ASPHALT DRIVEWAY (ITEM 608.020102)

TOP OF CURB

BOTTOM OF CURB

TS TURNING SPACE

ITEM NO.	DESCRIPTION	UNIT OF PAYMENT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
608.21000003	CAST IRON EMBEDDED DETECTABLE WARNING UNITS	SY
609.0212	STONE CURB NEAR VERTICAL FACE (NVF)	LF
610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY





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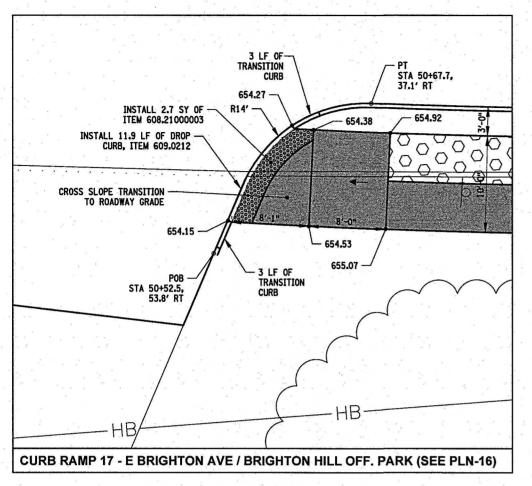
CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

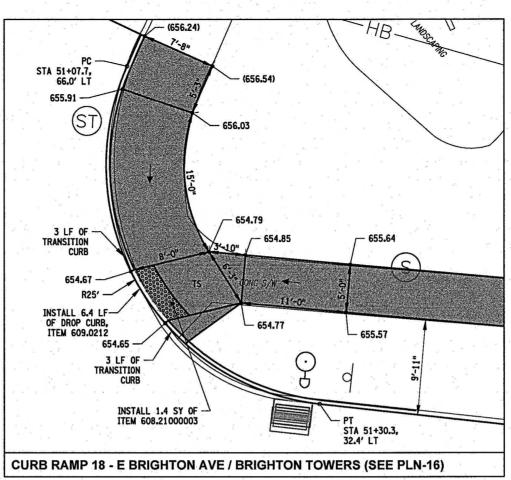
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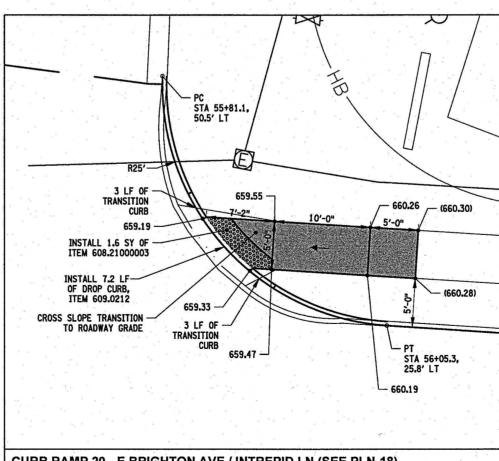
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> **CURB RAMP DETAILS**

CRD-04











CURB RAMP SLOPE

NEW CURB (ITEM 609.0212)

DETECTABLE WARNING UNIT (ITEM 608.21000003)

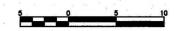
PERMANENT CONCRETE REMOVAL (ITEM 203.02)

CONCRETE SIDEWALK (ITEM 608.0101) ASPHALT DRIVEWAY (ITEM 608.020102)

TOP OF CURB

BOTTOM OF CURB TURNING SPACE

ITEM NO.	DESCRIPTION	UNIT OF PAYMENT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
608.21000003	CAST IRON EMBEDDED DETECTABLE WARNING UNITS	SY
609.0212	STONE CURB NEAR VERTICAL FACE (NVF)	LF
610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY





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THURBER STREET TO CITY LIMIT

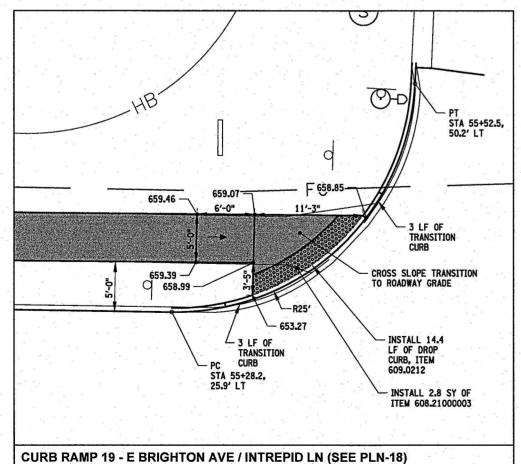
CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

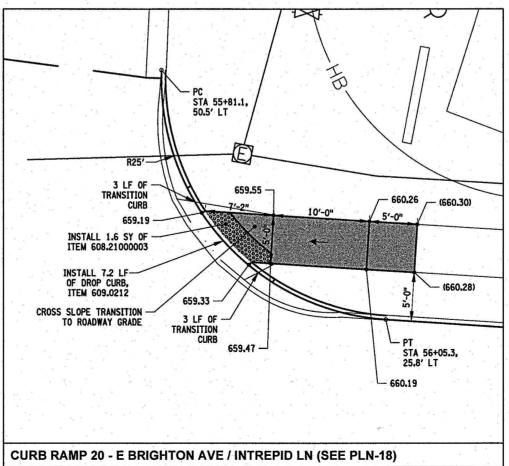
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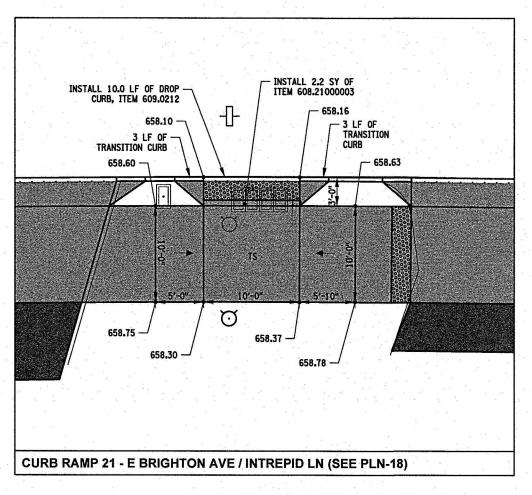
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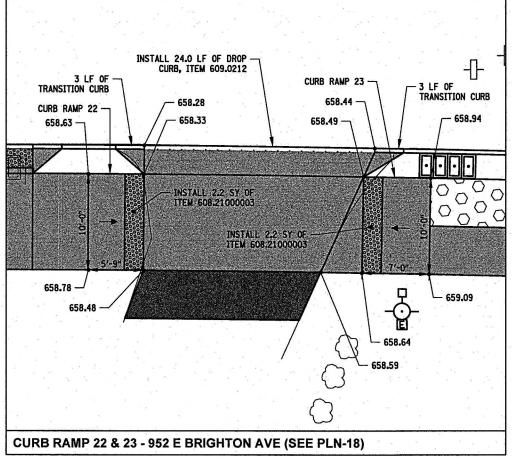
> **CURB RAMP DETAILS**

CRD-05











CURB RAMP SLOPE

= NEW CURB (ITEM 609.0212)

TYPICAL OF ALL QUADRANTS

CONCRETE SIDEWALK (ITEM 608.0101)

TC TOP OF CURB

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TS TURNING SPACE

ITEM NO.	DESCRIPTION	UNIT OF PAYMEN
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
608.21000003	CAST IRON EMBEDDED DETECTABLE WARNING UNITS	SY
609.0212	STONE CURB NEAR VERTICAL FACE (NVF)	LF
610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY





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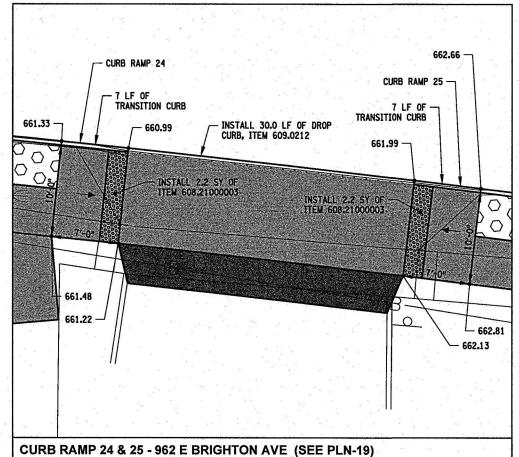
EAST BRIGHTON AVENUE
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THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

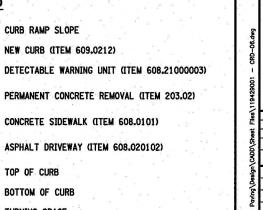
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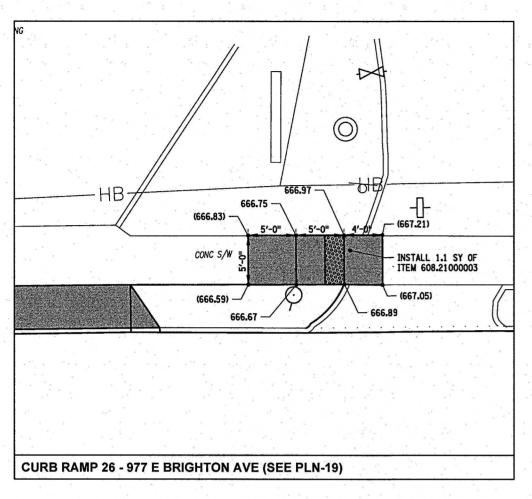
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> **CURB RAMP DETAILS**

> > **CRD-06** 49 of 241







3 LF OF TRANSITION CURB

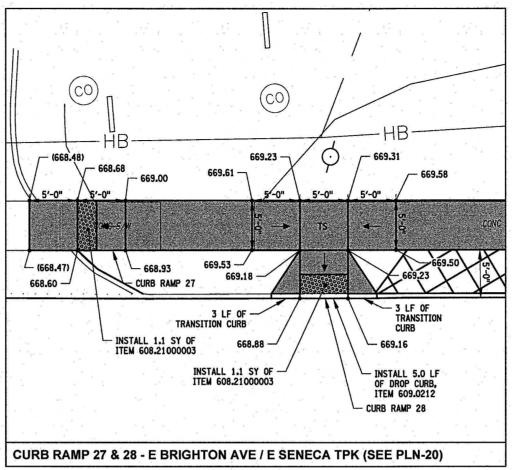
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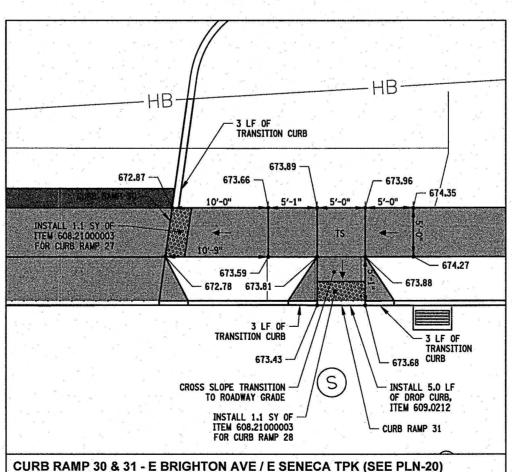
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INSTALL 1.1 SY OF ITEM 608.21000003

- 670.8 h







TYPICAL OF ALL QUADRANTS

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TS

609.0212

610,1605

CURB RAMP SLOPE NEW CURB (ITEM 609.0212)

DETECTABLE WARNING UNIT (ITEM 608.21000003)

PERMANENT CONCRETE REMOVAL (ITEM 203.02)

CONCRETE SIDEWALK (ITEM 608.0101) ASPHALT DRIVEWAY (ITEM 608.020102)

TOP OF CURB TC BOTTOM OF CURB

TURNING SPACE

UNIT OF ITEM NO. DESCRIPTION PAYMENT CY 203.02 UNCLASSIFIED EXCAVATION AND DISPOSAL 608.0101 CONCRETE SIDEWALKS AND DRIVEWAYS CY SY 608.21000003

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EAST BRIGHTON AVENUE
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THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
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MARK DATE DESCRIPTION

PROJECT NO: 119.429.001 DATE: JANUARY 2025 DRAWN BY: DJB DESIGNED BY: DJB CHECKED BY: DOS

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CURB RAMP DETAILS

> **CRD-07** 50 of 241

LF.

SY

CAST IRON EMBEDDED DETECTABLE WARNING UNITS STONE CURB NEAR VERTICAL FACE (NVF) TURF ESTABLISHMENT - PERFORMANCE

CURB RAMP SLOPE

NEW CURB (ITEM 609.0212)

DETECTABLE WARNING UNIT (ITEM 608.21000003)

PERMANENT CONCRETE REMOVAL (ITEM 203.02)

CONCRETE SIDEWALK (ITEM 608.0101)

ASPHALT DRIVEWAY (ITEM 608.020102)

TOP OF CURB

BOTTOM OF CURB

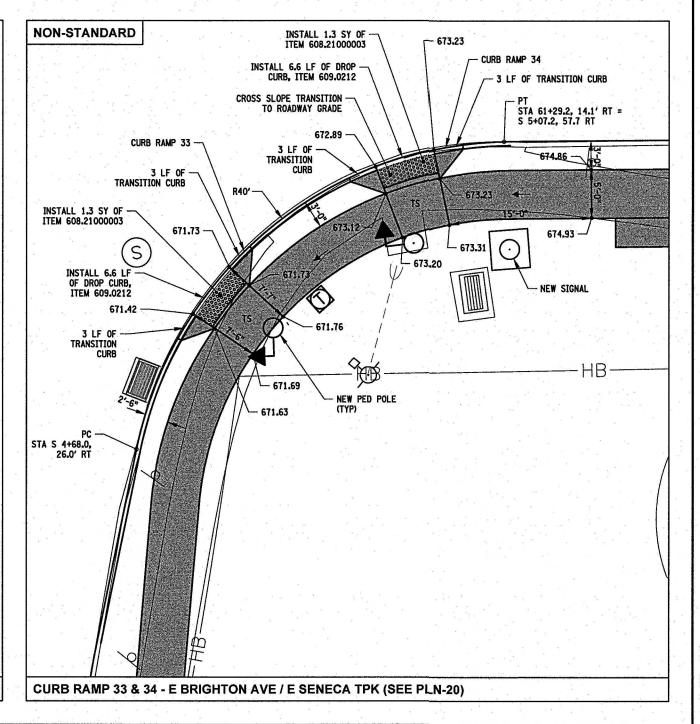
TURNING SPACE

ITEM NO.	DESCRIPTION	UNIT OF PAYMENT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
608.21000003	CAST IRON EMBEDDED DETECTABLE WARNING UNITS	SY
609.0212	STONE CURB NEAR VERTICAL FACE (NVF)	LF
610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY





PC STA 59+98.4, 26.0' RT = /- TC 668.20	4
STA 59+98.4, 26.0' RT = TC 668.20 S 4+69.2, 68.1 RT	
- 667 93	
INSTALL 2.9 SY OF ITEM 608.21000003	
INSTALL 13.3 LF OF DROP CURB, ITEM 609.0212	
668.06 75	RANSITION CURB
G68.34 —	
(15) T	
Thus caons The Rass	4
NEW PED POLE	
	5" CURB REVEAL, SEE CURBING TABLE
	*
1 Cap 1	
g 5-01	
	PT STA S 4+24.3,
	14.0' LT
CURB RAMP 32 - E BRIGHTON AVE / E SENECA TPK (SEE PLN-20)	
TOTAL TOTAL OF TENEDRALITY (OLL 1 EN-20)	





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EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION

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> **CURB RAMP DETAILS**

CRD-08

CURB RAMP SLOPE

NEW CURB (ITEM 609.0212)

DETECTABLE WARNING UNIT (ITEM 608.21000003)

PERMANENT CONCRETE REMOVAL (ITEM 203.02)

CONCRETE SIDEWALK (ITEM 608.0101)

ASPHALT DRIVEWAY (ITEM 608.020102)

TOP OF CURB

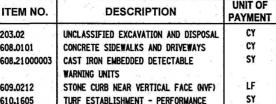
BOTTOM OF CURB

TURNING SPACE

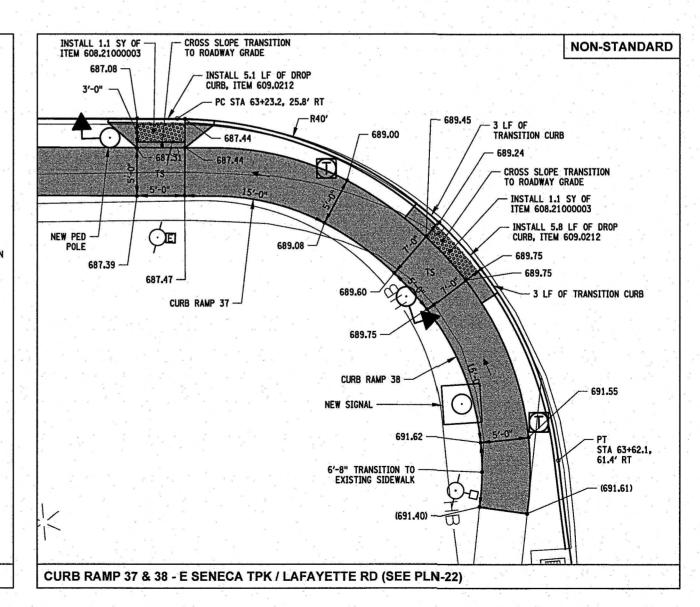
NON-STANDARD

ITEM NO.	DESCRIPTION	UNIT OF PAYMENT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
608.21000003	CAST IRON EMBEDDED DETECTABLE WARNING UNITS	SY
609.0212	STONE CURB NEAR VERTICAL FACE (NVF)	LF
610.1605	TURF ESTABLISHMENT - PERFORMANCE	s SY









1. CROSS SLOPE TRANSITION TO ROADWAY GRADE SHALL NOT EXCEED

7.5% (MAX) AT STEEPEST PART OF RAMP.



TYPICAL OF ALL QUADRANTS

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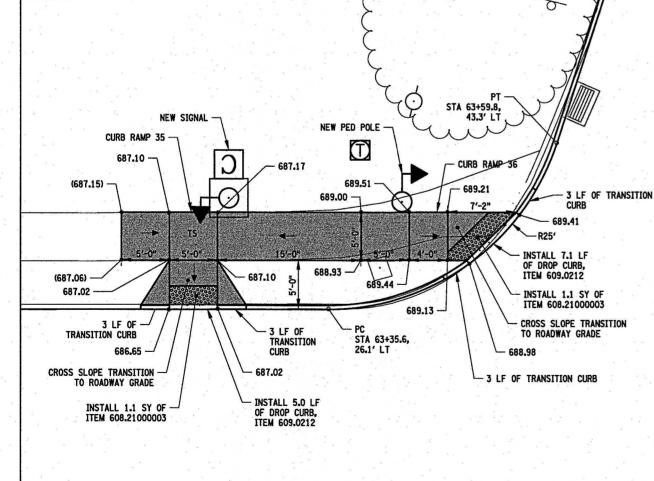
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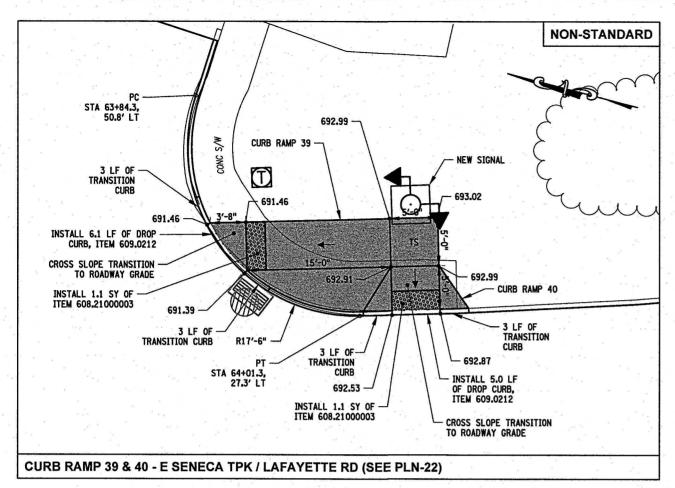
> **CURB RAMP DETAILS**

> > **CRD-09** 52 of 241

Jan 09, 2025 -F:\Project\119



CURB RAMP 35 & 36 - E SENECA TPK / LAFAYETTE RD (SEE PLN-22)



CURB RAMP SLOPE

NEW CURB (ITEM 609.0212)

DETECTABLE WARNING UNIT (ITEM 608.21000003)

PERMANENT CONCRETE REMOVAL (ITEM 203.02)

CONCRETE SIDEWALK (ITEM 608.0101)

ASPHALT DRIVEWAY (ITEM 608.020102)

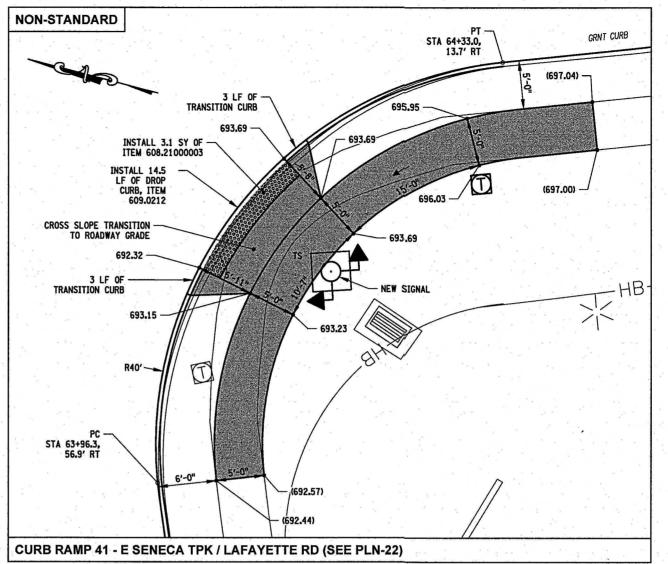
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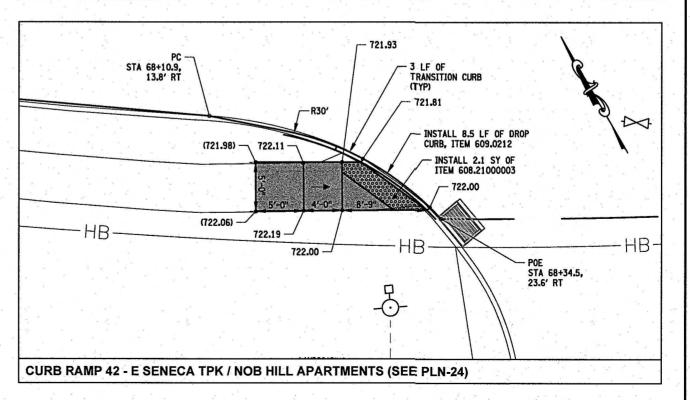
BOTTOM OF CURB

TURNING SPACE

ITEM NO.	DESCRIPTION	UNIT OF PAYMENT	
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	
608.21000003	CAST IRON EMBEDDED DETECTABLE WARNING UNITS	SY	
609.0212	STONE CURB NEAR VERTICAL FACE (NVF)	LF	
610.1605	TURF ESTABLISHMENT - PERFORMANCE	SY	









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DEPARTMENT OF ENGINEERING

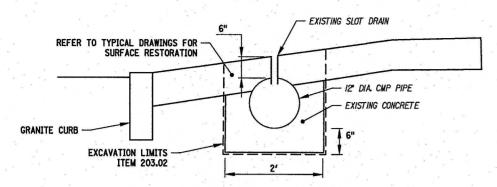
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CURB RAMP

DETAILS

CRD-10 53 of 241



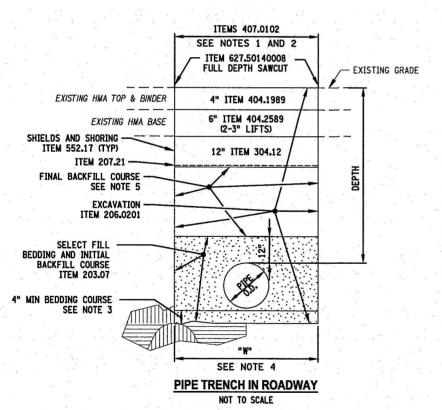
LOCATIONS: DS 4-2, DS 4-3, DS 6-4, DS 7-3

REMOVAL OF EXISTING SLOTTED DRAIN

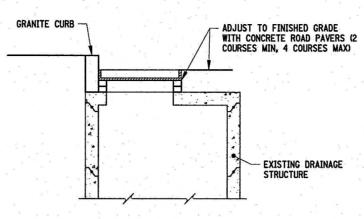
NOT TO SCALE

NOTES:

- 1. REMOVE AND DISPOSE OF EXISTING SLOTTED DRAIN COST SHALL BE INCLUDED UNDER ITEM
- BACKFILL REMOVED SLOTTED DRAIN EXCAVATION WITH ITEM 304.12 AND COMPACT ACCORDING TO SPECIFICATIONS.



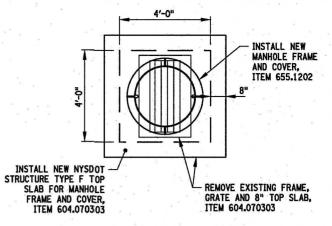
- TEMPORARY PAVEMENT SHALL BE INSTALLED IN PIPE TRENCH RESTORATION AREAS TO MATCH ADJACENT PAVEMENT GRADE TO MAINTAIN TRAFFIC PRIOR TO MILLING.
- ITEM 407.0102 DILUTED TACK COAT SHALL BE USED BETWEEN ALL NEW ASPHALT COURSES.
- IF UNSTABLE ON UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED NEAR THE PIPE INVERT ELEVATION, A MINIMUM OF 12" AND MAXIMUM OF 2'-0" OF MATERIAL SHALL BE EXCAVATED A.O.B.E. AND REPLACED WITH NO. 1 CRUSHED
- THE TRENCH WIDTH SHALL BE DETERMINED IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATION SECTION 206-4.03. WHERE THE WIDTH (W) IS THE LESSER OF (0.D. + 4FT) OR (3*0.D.).
- FINAL BACKFILL UNDER LAWN AREAS SHALL BE SUITABLE MATERIAL PER ITEM 206,0201 SPECIFICATIONS. FINAL BACKFILL COURSE UNDER ROADWAYS, DRIVEWAYS, AND SIDEWALKS SHALL BE ITEM 304.12.



ITEM 604.070301

ALTERING EXISTING DRAINAGE STRUCTURE TO PROPOSED GRADE

SEE DRAINAGE TABLE ON DRT DWGS FOR LOCATIONS. NOT TO SCALE

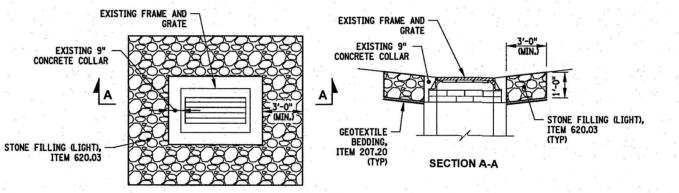


ITEM 604.070303

MODIFYING EXISTING DRAINAGE STRUCTURE TO ACCEPT MANHOLE FRAME AND COVER

SEE DRAINAGE TABLE ON DRT DWGS FOR LOCATIONS

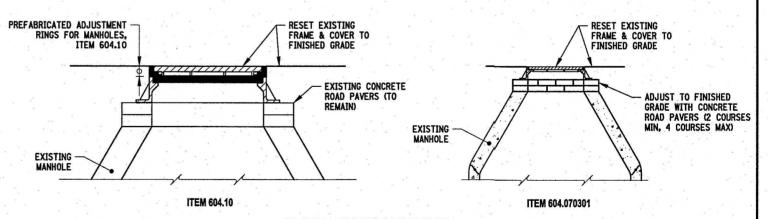
CONTRACTOR TO VERIFY THE SIZE OF THE EXISTING DRAINAGE STRUCTURE PRIOR TO MODIFYING.



LOCATIONS: DS 3-3, DS 4-3, DS 13-7, DS 20-2, DS 22-7

LIGHT STONE FILL AT FIELD INLETS

SEE DRAINAGE TABLE ON DRT & PLN DWGS FOR LOCATIONS. NOT TO SCALE



ALTERING EXISTING SANITARY AND STORM MANHOLE TO PROPOSED GRADE

SEE MANHOLE AND VALVE BOX ADJUSTMENT TABLE ON DWGS MST-OB TO MST-10 AND DRAINAGE TABLE ON DRT DWGS FOR LOCATIONS NOT TO SCALE

- 1. RESIDENT ENGINEER SHALL DETERMINE IF ITEM 604.10 OR ITEM 604.070301 SHALL BE USED TO ALTER EXISTING MANHOLES TO PROPOSED GRADE,
- 2. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER IF HE ENCOUNTERS ANY DAMAGED MANHOLE OR WATER VALVE COVERS. THE RESIDENT ENGINEER WILL CONTACT THE CITY DEPARTMENT OF PUBLIC WORKS TO PROVIDE REPLACEMENT COVERS.



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1/9/2025



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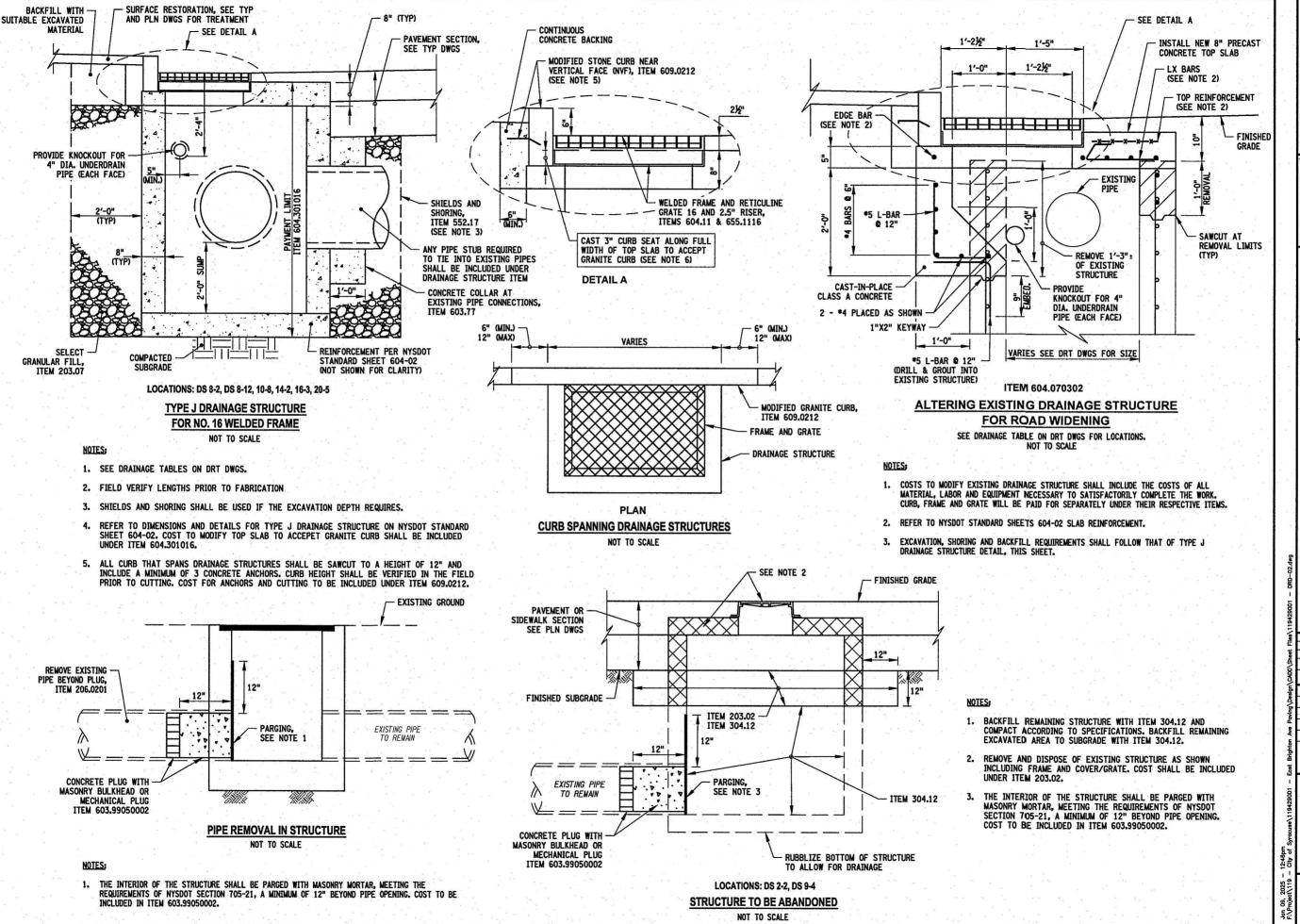
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> DRAINAGE **DETAILS**

DRD-01





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ENGINEERING OF SYRACUSE 2 DEPARTMENT

MARK DATE DESCRIPTION

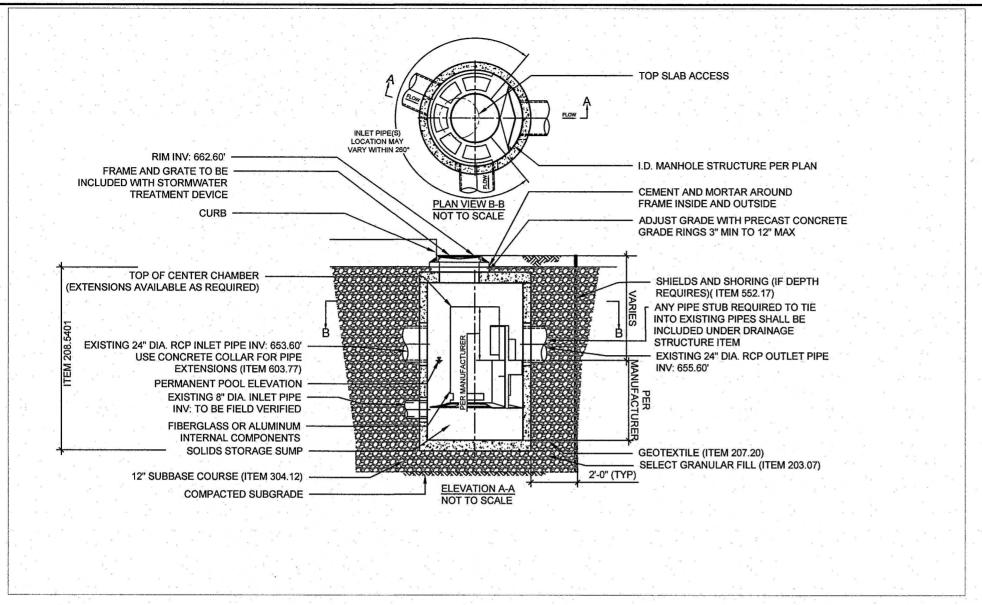
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DRAINAGE **DETAILS**

DRD-02



GENERAL NOTES

- TREATMENT FLOW RATE: 2.90 CFS, MAX 10-YEAR BYPASS FLOW RATE: 32.00 CFS
- MANUFACTURER TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT THE MANUFACTURER. WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING, CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
- STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0' 2', AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. CASTINGS SHALL MEET AASHTO M306
- STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C478 AND AASHTO LOAD FACTOR DESIGN METHOD
- EXISTING STORM CONNECTIONS AND NON PRESSURE TRANSITION COUPLING REQUIRED FOR EXISITNG STORM SEWER CONNECTION TO NEW HDS UNIT

INSTALLATION NOTES

- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE MANHOLE STRUCTURE.
- CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

6' DIAMETER HYDRODYNAMIC SEPARATOR DS 19-2

Scale: NTS



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PROJECT

EAST BRIGHTON

TO CITY LIMITS

MARK DATE DESCRIPTION JANUARY 2025

DESIGNED BY: RS CHECKED BY: TFJD

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DRAINAGE **DETAILS**

DRD-03

EROSION & SEDIMENT CONTROL PLAN NOTES

- THIS PROJECT OBTAINED COVERAGE UNDER THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES) GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES, PERMIT NO. GP-0-20-001 (GENERAL PERMIT), EFFECTIVE JANUARY 29, 2020 WITH ACTIVITIES. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED IN ACCORDANCE WITH THIS PERMIT, AND IS PART OF THE CONTRACT AND CONSTRUCTION REQUIREMENTS FOR THIS PROJECT.
- REFER TO THE CONSTRUCTION SEQUENCE IN THE SWPPP.
- DISTURBED AREAS SHALL BE AS SMALL AS PRACTICAL, AND SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED WITHIN THE TIME FRAME REQUIRED BY THE SWPPP.
- MAINTAIN AN ADEQUATE SUPPLY OF EROSION AND SEDIMENT CONTROL MATERIALS AT THE CONSTRUCTION SITE AT ALL TIMES TO BE USED FOR URGENT SITUATIONS, SUCH AS UNEXPECTED HEAVY RAINFALL.
- PROVIDED THAT AN AREA OF SIDEWALK REPLACEMENT WORK WILL BE COMPLETED WITHIN ONE WORK DAY, THAT THERE IS NO RAIN IN THE FORECAST, AND WITH THE PERMISSION OF THE OWNER'S REPRESENTATIVE, THE CONTRACTOR MAY COMPLETE SIDEWALK REPLACEMENT WORK WITHOUT THE INSTALLATION OF PERIMETER CONTROL OR INLET PROTECTION PRACTICES.
- EROSION CONTROL MEASURES SHALL BE THE FIRST ITEMS CONSTRUCTED WHEN SITE WORK BEGINS, AND MUST BE COMPLETELY FUNCTIONAL BEFORE DOWN SLOPE LAND DISTURBANCE BEGINS.
- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND OPERATED IN ACCORDANCE WITH THEIR DESIGN. ANY NEED FOR REPAIRS OR MAINTENANCE SHALL BE ADDRESSED IMMEDIATELY TO ASSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION THROUGHOUT THE CONSTRUCTION PROCESS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ANY DEWATERING AND SUBSEQUENT SEDIMENT REMOVAL PRACTICES. DEWATERING PRACTICES SHALL NOT DIRECTLY DISCHARGE INTO THE CITY OF SYRACUSE SEWER SYSTEM OR ANY STRUCTURE CONNECTED TO THE SEWER.
- MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM AND FUEL TANK DRAIN DOWN, DEGREASING OPERATIONS AND OTHER ACTIVITIES THAT MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS MUST BE CONDUCTED OFF-SITE. ACCIDENTAL SPILLS MUST BE CLEANED UP IMMEDIATELY AND CONTAMINANTS DISPOSED OF PROPERLY.
- 10. THE CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING TO PROVIDE DUST CONTROL DURING CONSTRUCTION.
- 11. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL PRACTICES, AS SHOWN ON THE DETAIL SHEETS. AS NECESSARY DURING THE COURSE OF CONSTRUCTION AT NO COST TO THE OWNER.
- 12. IF SEDIMENT IS TRANSPORTED ONTO ROADS OR SIDEWALKS, IT MUST BE REMOVED FROM THE ROAD SURFACE ON A DAILY BASIS AND PRIOR TO RAIN EVENTS. SEDIMENT SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTAMINATION OF STORMWATER AND SURFACE WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ALL PRACTICAL MEASURES TO PREVENT SEDIMENT FROM BEING TRANSPORTED OUTSIDE OF THE WORK AREA.
- VEGETATION OUTSIDE THE LIMITS OF DISTURBANCE SHALL BE PROTECTED
- CONTRACTOR SHALL REMOVE AND REPLACE ANY STREET TREES THAT ARE DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL ULTIMATELY BE RESPONSIBLE FOR LOCATING SOIL AND EXCESS EXCAVATED EARTH STOCK PILES AT A STABLE LOCATION.
- CONSTRUCTION ROUTES SHALL BE STABILIZED PER THE NYS STANDARDS FOR EROSION AND SEDIMENT CONTROL, AS NECESSARY BASED ON SITE CONDITIONS.
- 17. THE CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT, DESIGN, APPROVAL, AND OPERATION OF THE CONCRETE WASHOUTS. THE CONCRETE WASHOUTS SHALL BE INSTALLED A MINIMUM OF 50' FROM STORM DRAINAGE OR SURFACE WATER. CONCRETE WASTE MATERIAL SHALL NOT BE ALLOWED TO DISCHARGE FROM THE CONCRETE WASHOUT.
- 18. FOR INSTALLED SEDIMENT CONTROL PRACTICES, REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS WHEN THE ACCUMULATION HAS REACHED A DEPTH OF 25% OF THE HEIGHT AND/OR VOLUME OF THE PRACTICE'S CAPACITY, OR MORE FREQUENTLY AS REQUIRED BY THE DETAILS.
- 19. THE CONTRACTOR SHALL PROVIDE PORTABLE HANDWASHING AND SANITARY FACILITIES, THESE FACILITIES SHALL BE SERVICED REGULARLY BY AN APPROVED SERVICE PROVIDER.
- 20. SOLID WASTE SHALL BE STORED IN COVERED DUMPSTERS OR OTHER APPROPRIATE CONTAINERS. WASTE IS TO BE DISPOSED OF REGULARLY AND PROPERLY IN ACCORDANCE WITH LOCAL. STATE, AND/OR FEDERAL REGULATIONS.
- 21. THE EROSION AND SEDIMENT CONTROLS ARE SHOWN FOR A CONDITION WHEN ALL WORK IS OCCURRING SIMULTANEOUSLY. ACTUAL INSTALLATIONS SHALL BE ADJUSTED BASED ON CURRENT CONSTRUCTION ACTIVITY AND SITE CONDITIONS.
- SILT FENCE OR SEDIMENT FILTER LOG AS SHOWN IS APPROXIMATE. THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL PRACTICE PARALLEL TO THE CONTOURS, TYP, COORDINATE THE PLACEMENT OF EROSION CONTROL PRACTICES ACROSS DRIVEWAYS AND PEDESTRIAN ACCESS WITH THE MUNICIPALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING EROSION CONTROL PRACTICES ON THE DOWNSLOPE SIDE OF ALL DISTURBANCES
- 23. TOP DRESS, SEED, AND MULCH OR SOD ALL LAWN AREAS DISTURBED BY THE CONSTRUCTION AS SOON AS THE FINISHED GRADING OPERATION IS COMPLETED.
- 24. AVOID ANY DISTURBANCE OF EXISTING VEGETATION ON THE SITE EXCEPT THE VEGETATION SPECIFICALLY DESIGNATED TO BE REMOVED.
- TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EROSION AND CONTROL SEDIMENTATION AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION.

EROSION & SEDIMENT CONTROL QUANTITIES

PAY ITEM NO.	ITEM NAME	QTY.	UNITS
209.11010024	TEMPORARY CATCH BASIN INSERT	92	QTY
209.13	SILT FENCE, TEMPORARY	2,631	FT
209.1801	ROLLED EROSION CONTROL PRODUCT, CLASS 1 TYPE A, SHORT TERM	70	SY



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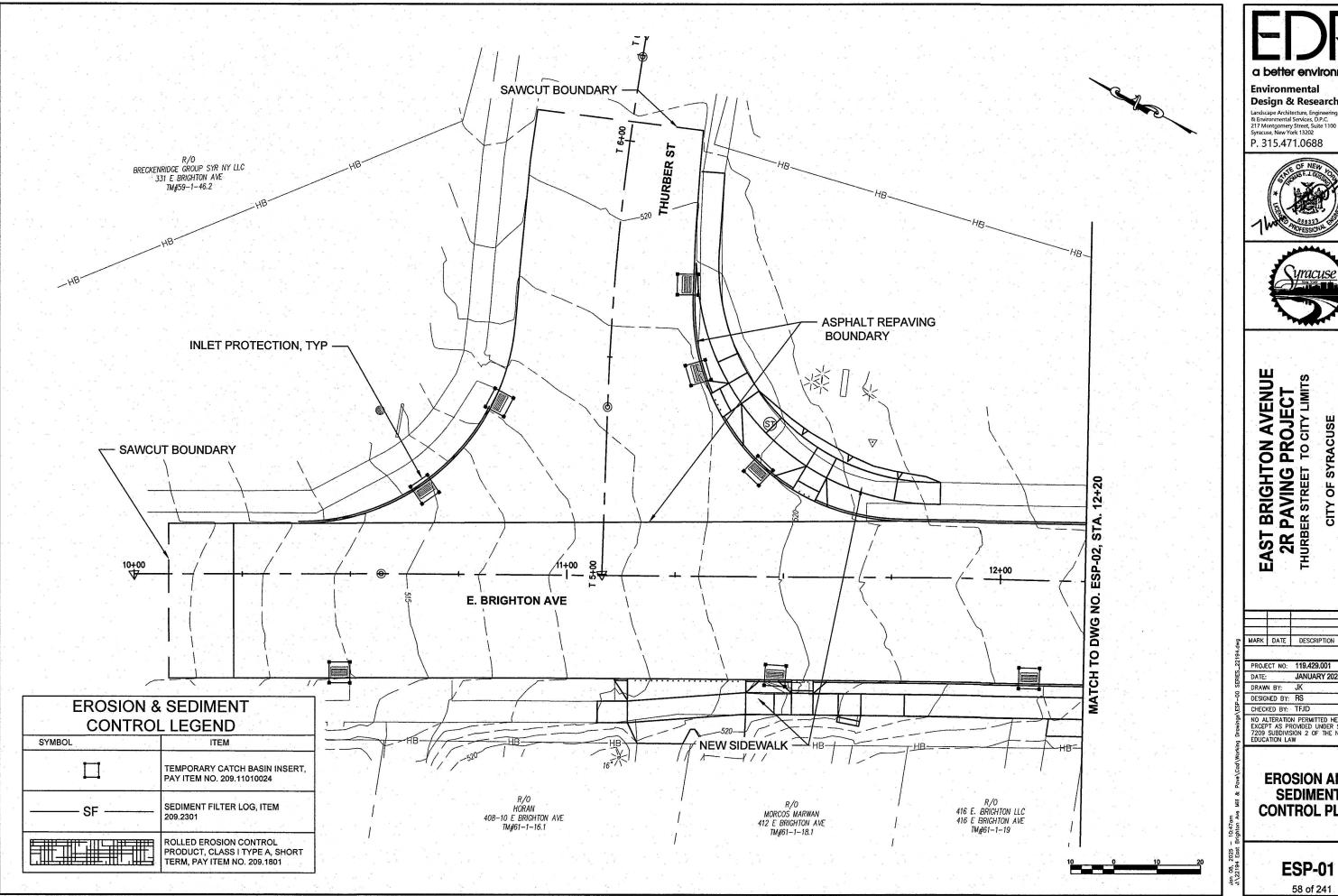
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> **EROSION AND** SEDIMENT CONTROL NOTES

> > **ESN-01**





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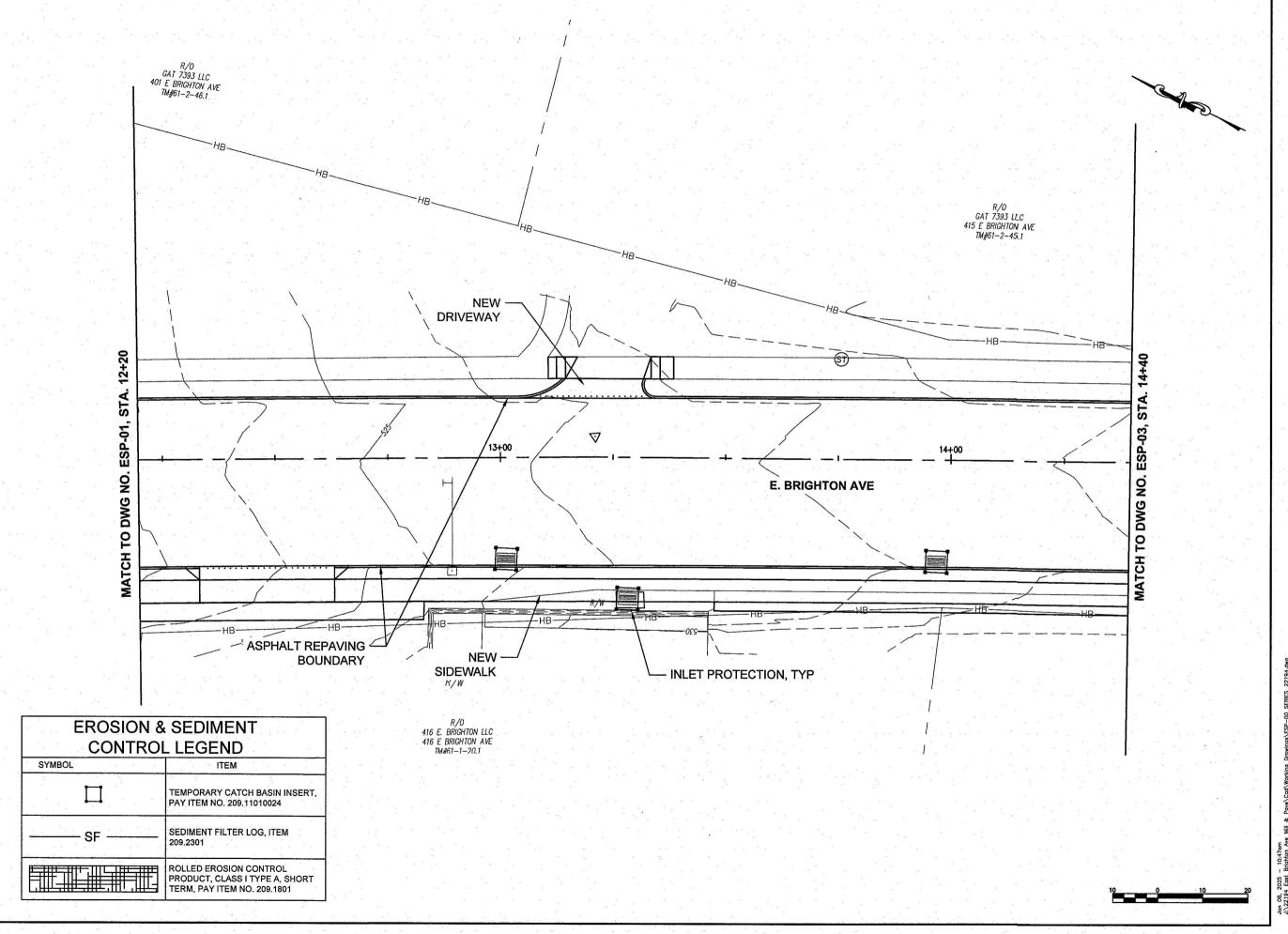
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EROSION AND SEDIMENT **CONTROL PLAN**

ESP-01





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EAST BRIGHTON AVENUE
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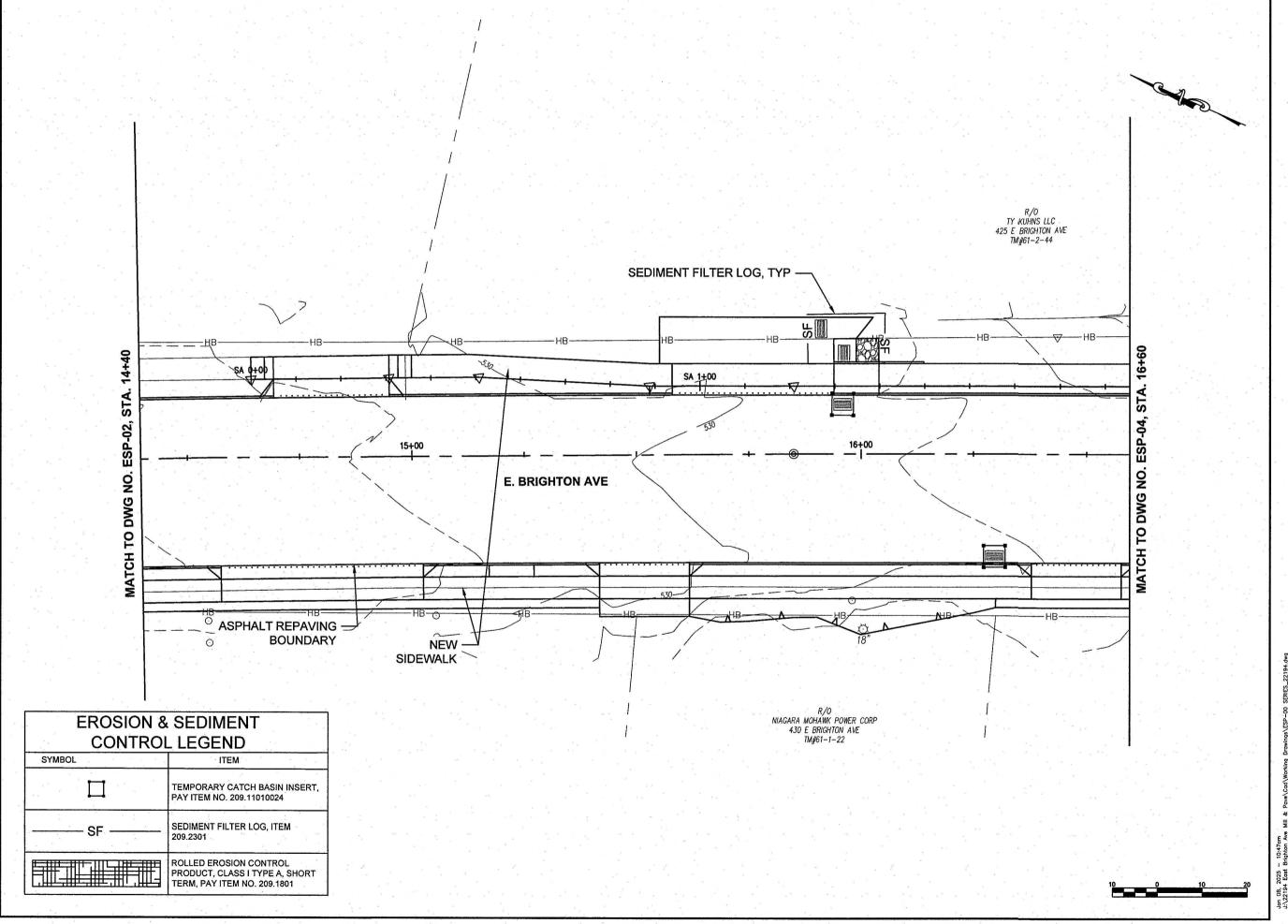
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EROSION AND SEDIMENT **CONTROL PLAN**

ESP-02

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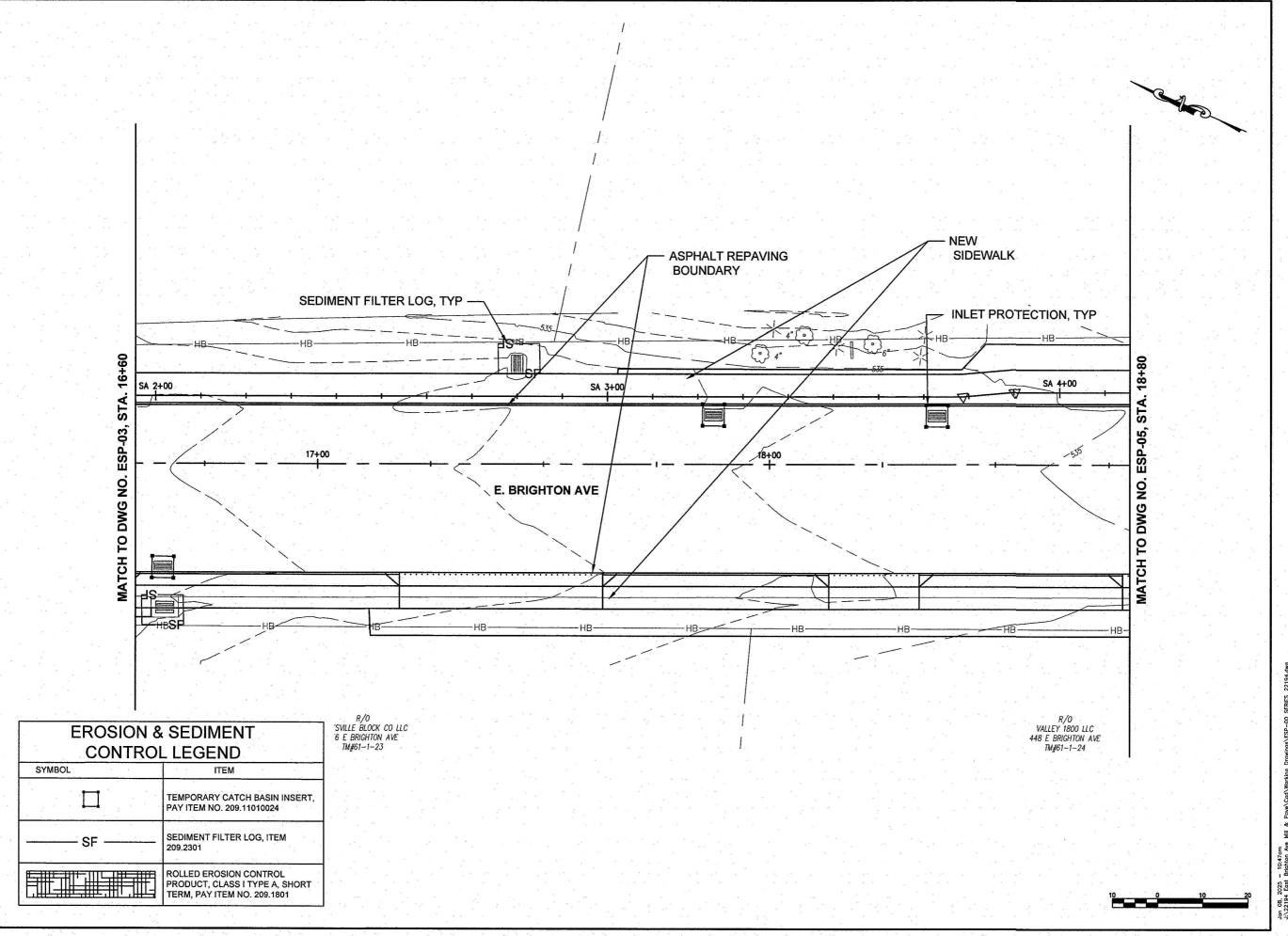
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EROSION AND SEDIMENT CONTROL PLAN

ESP-03

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CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

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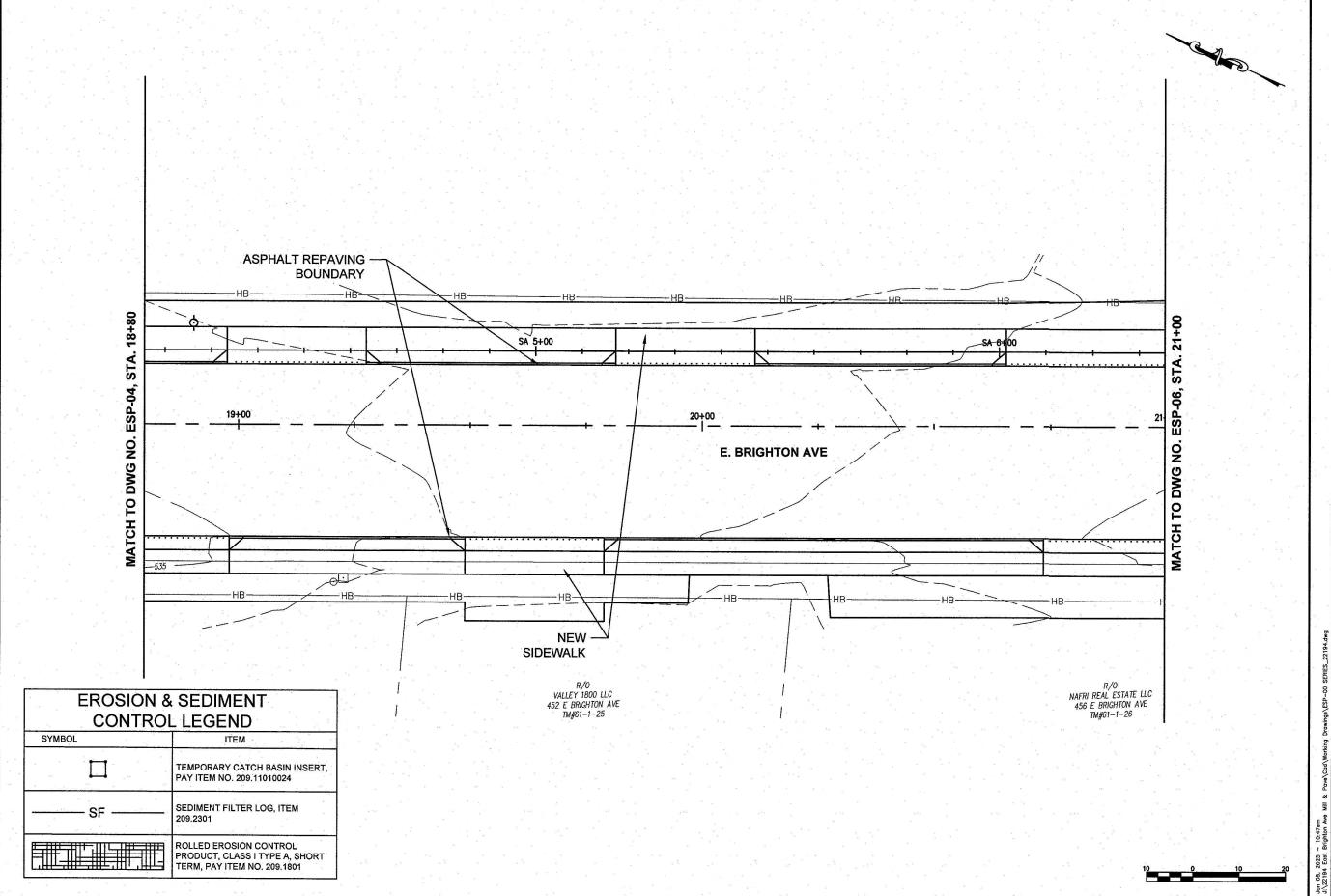
PROJECT NO: 119,429.001 DATE: JANUARY 2025 DRAWN BY: JK DESIGNED BY: RS

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EROSION AND SEDIMENT **CONTROL PLAN**

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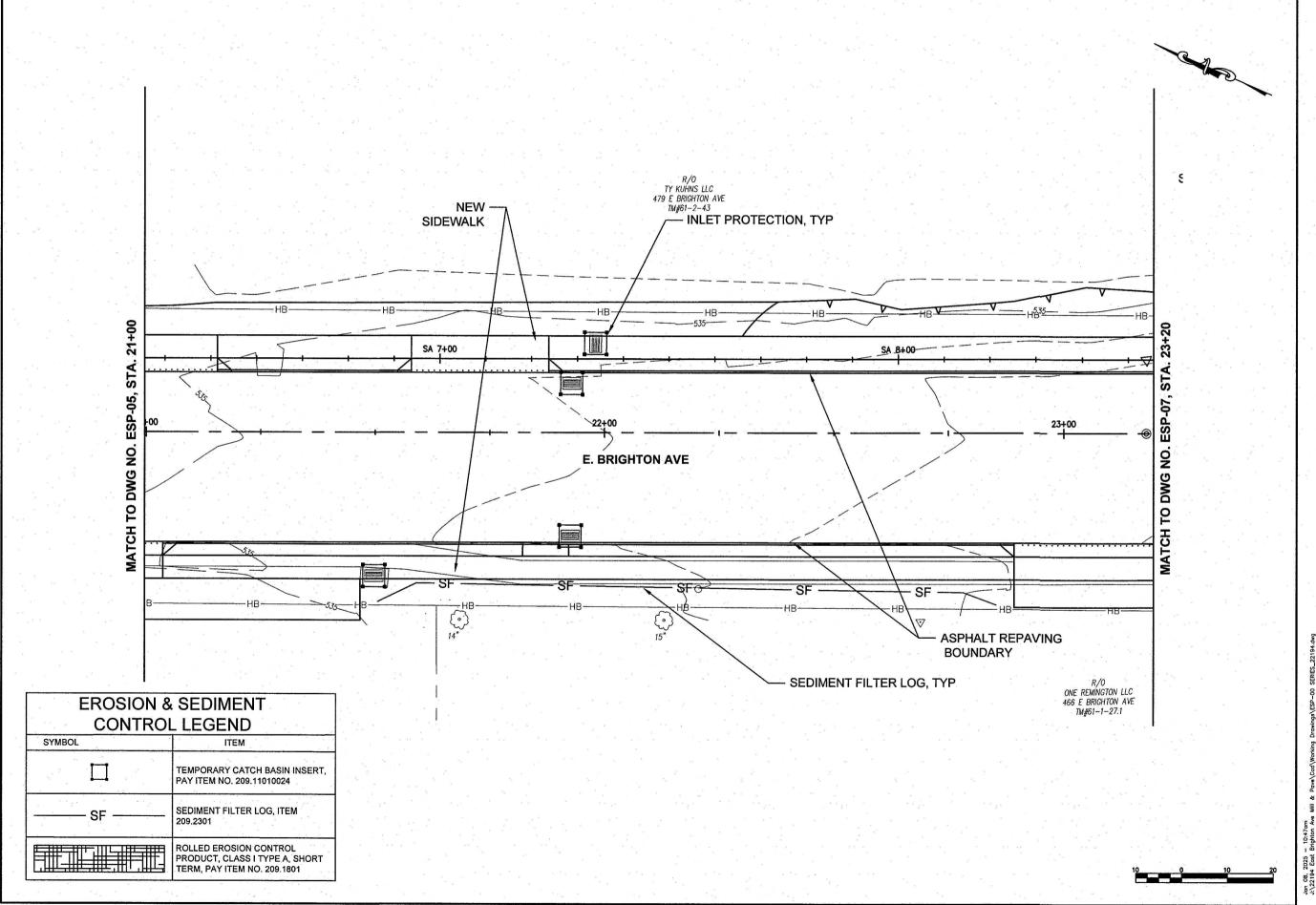
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EROSION AND SEDIMENT

CONTROL PLAN

ESP-05





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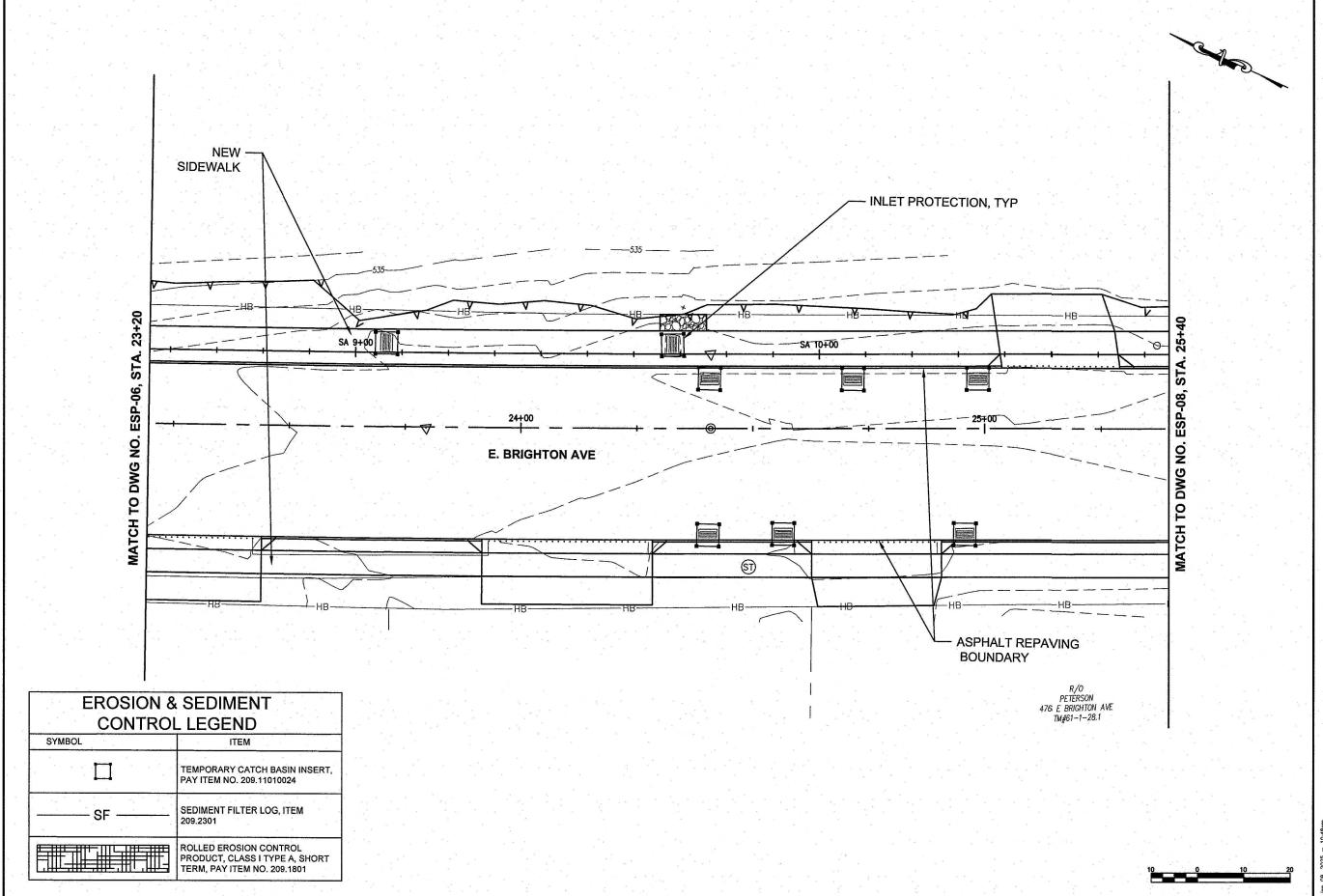
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EROSION AND SEDIMENT **CONTROL PLAN**

ESP-06





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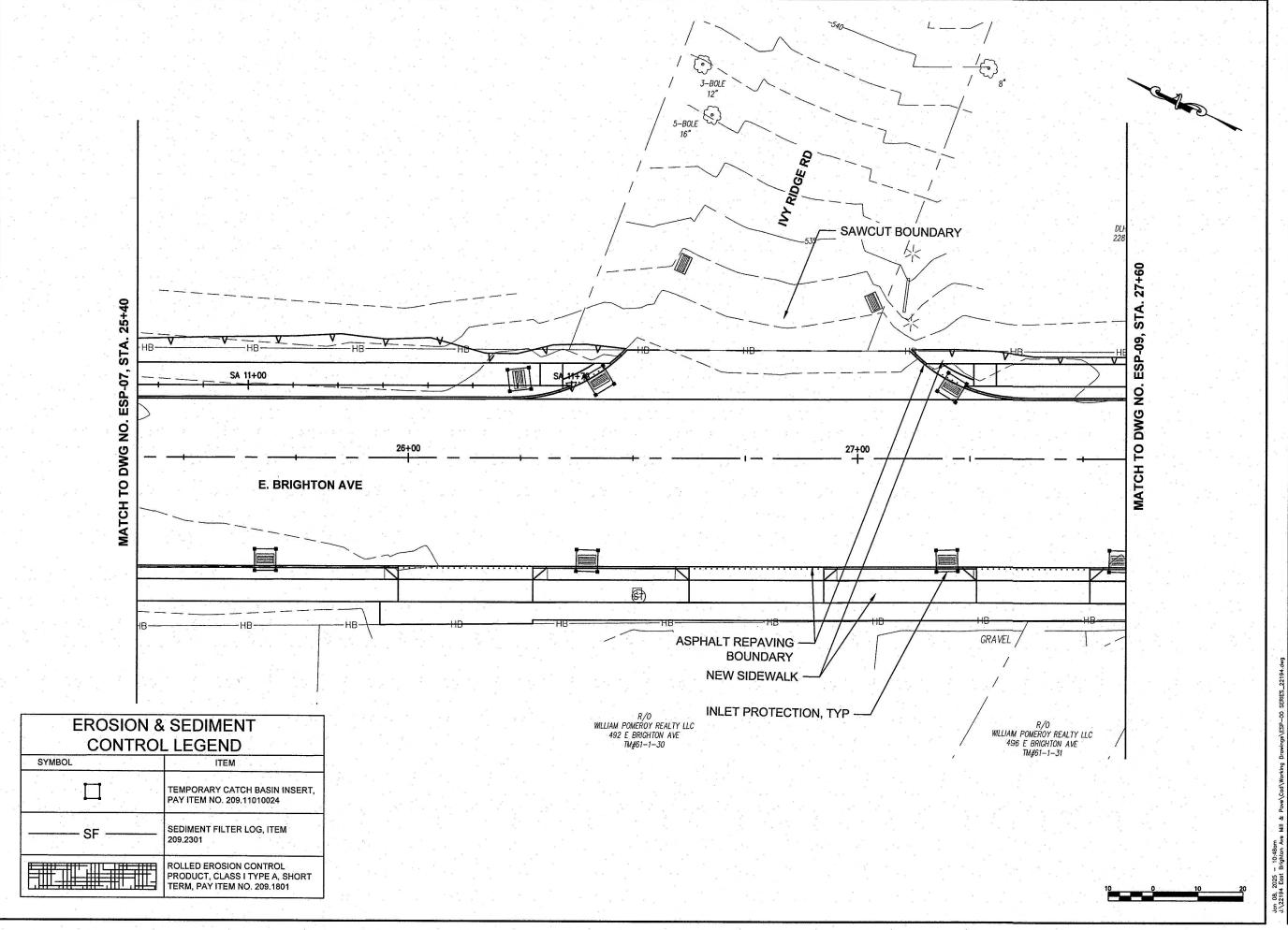
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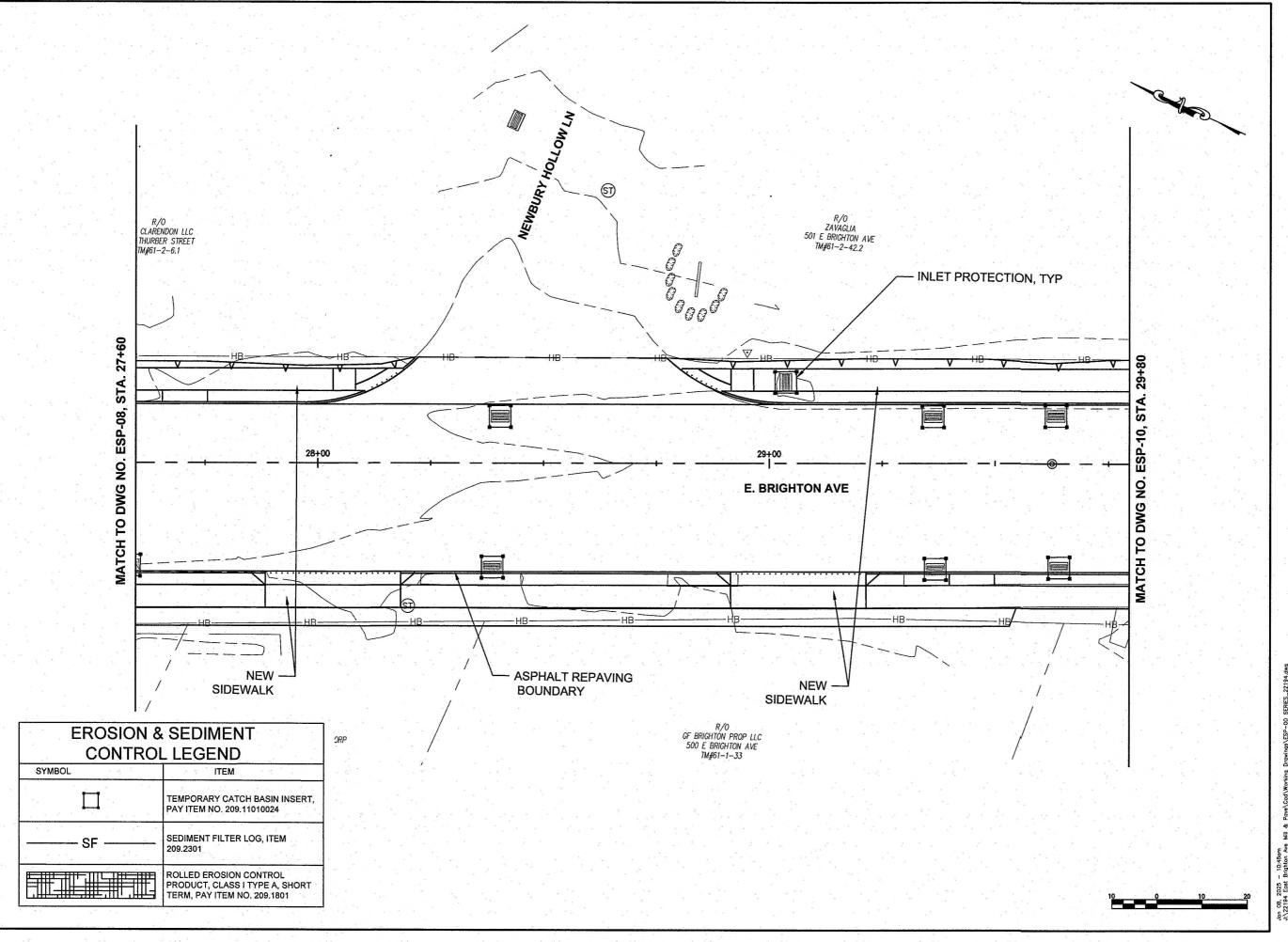
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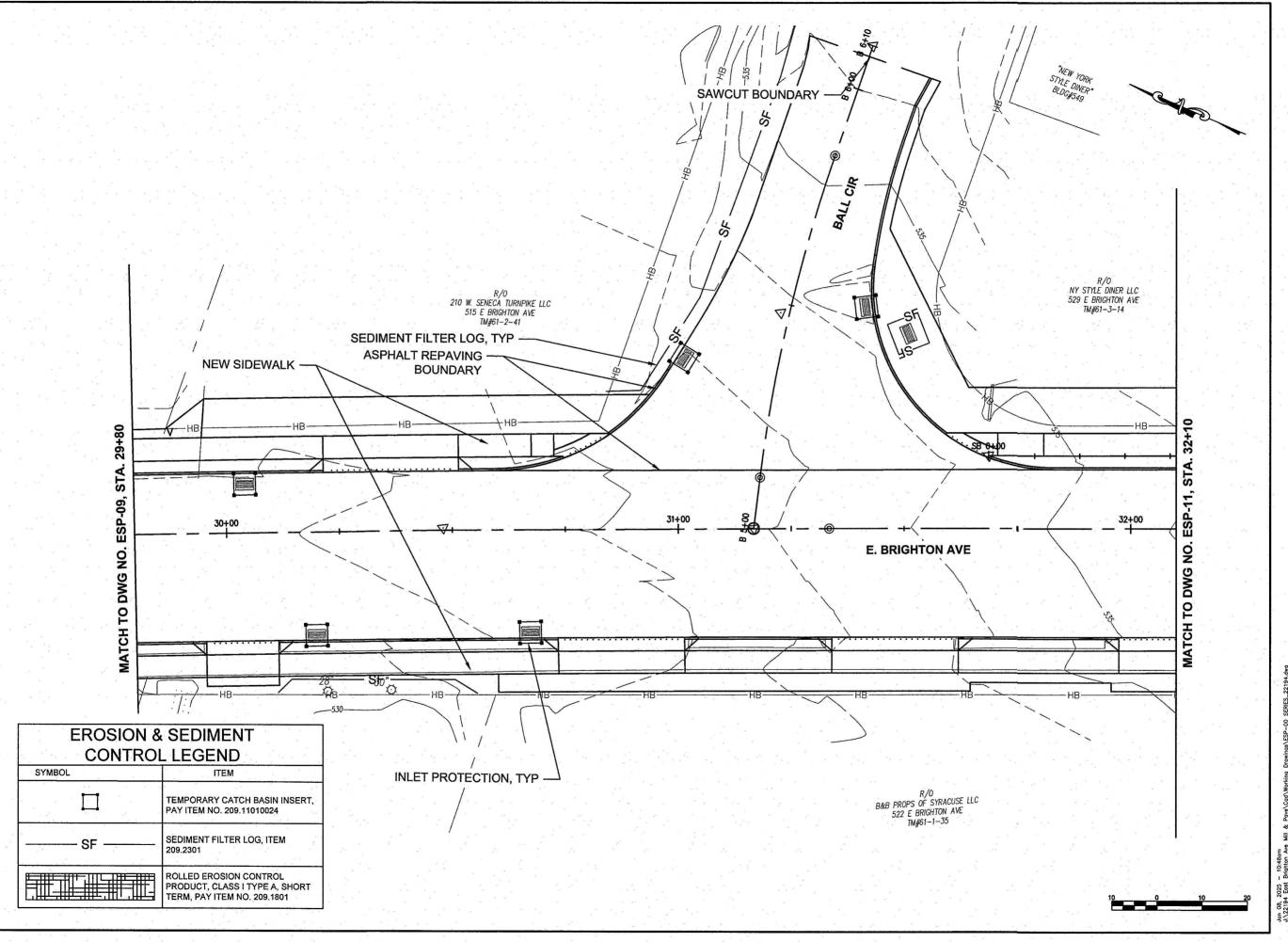
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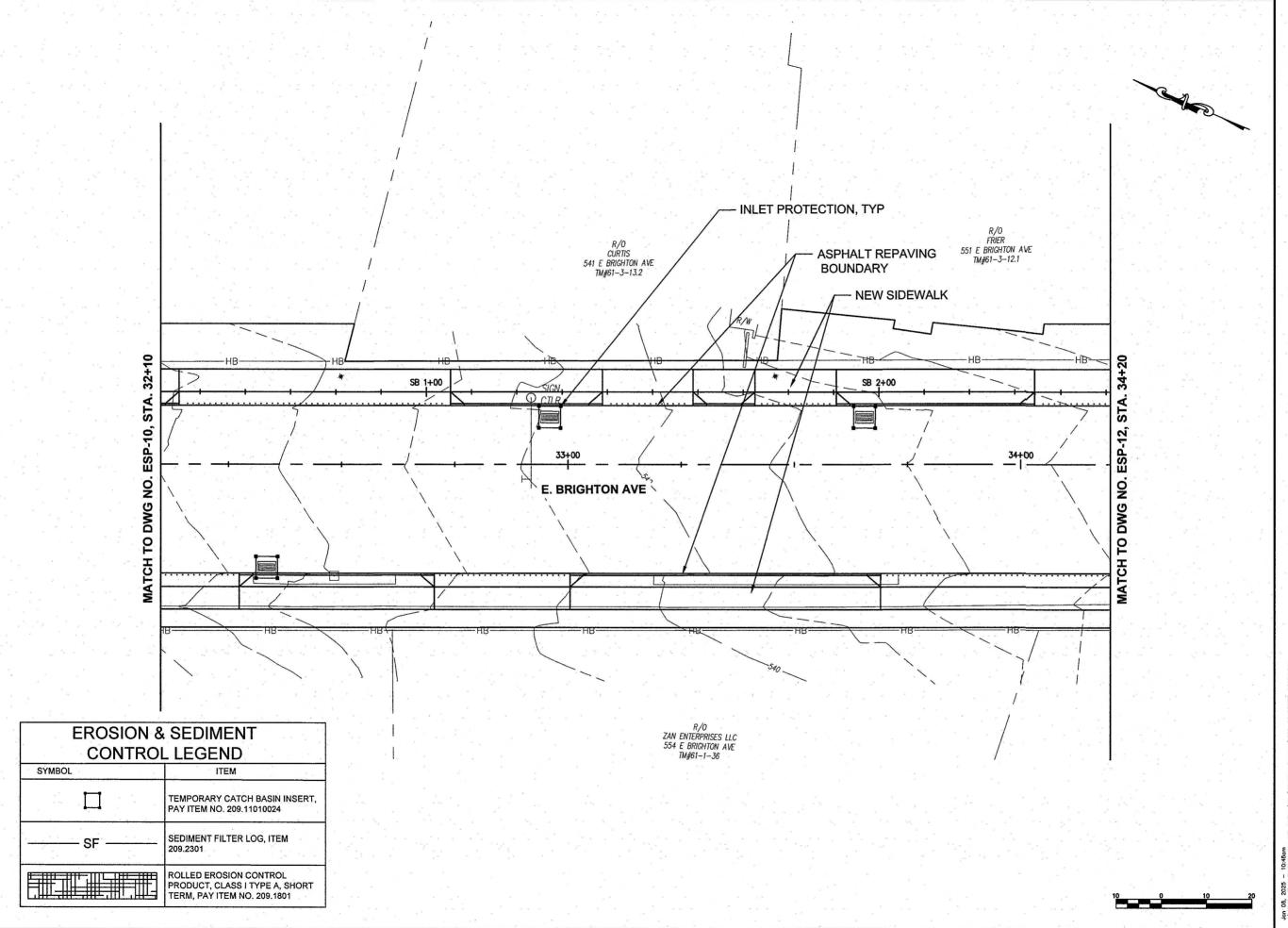
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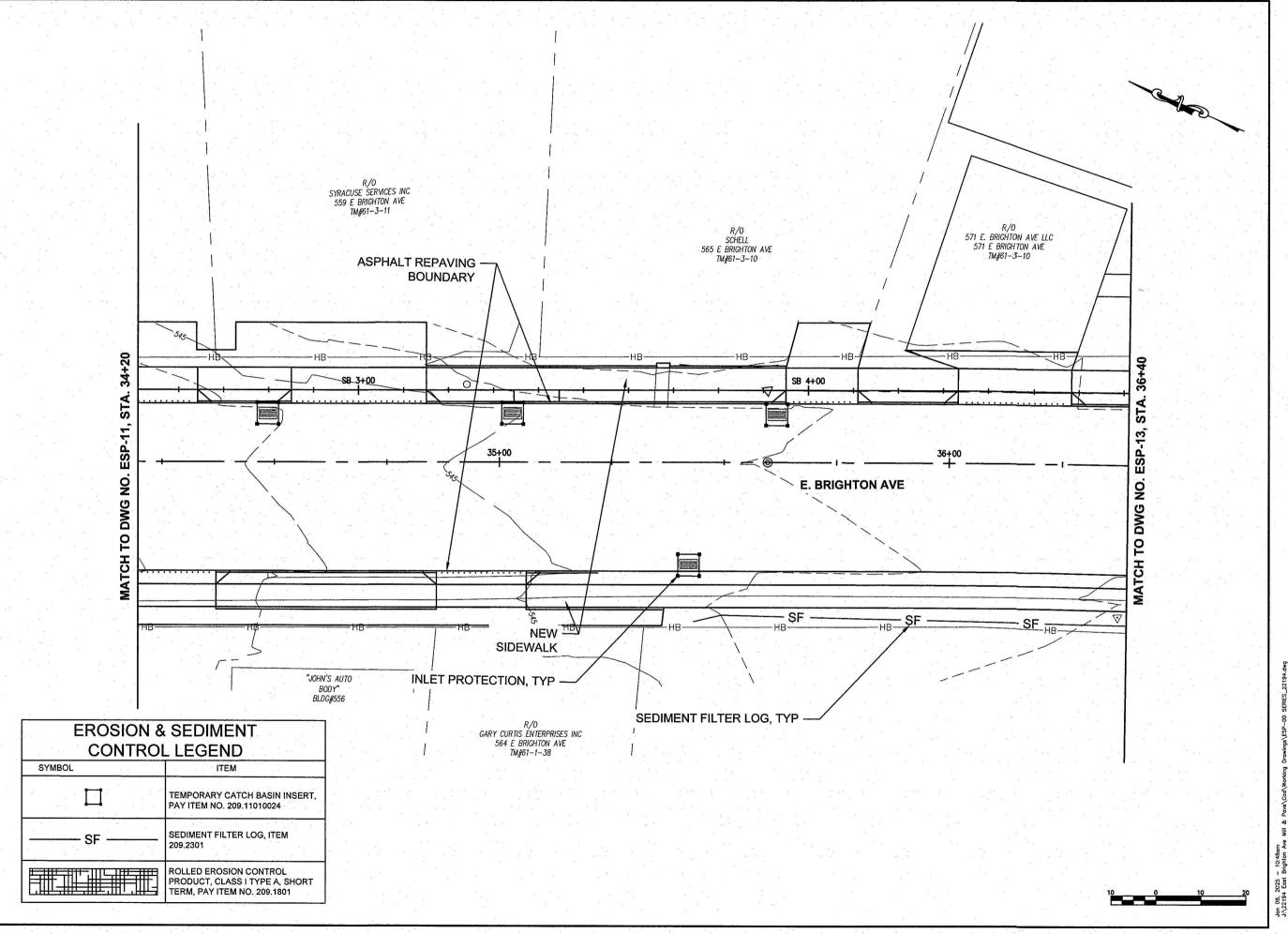
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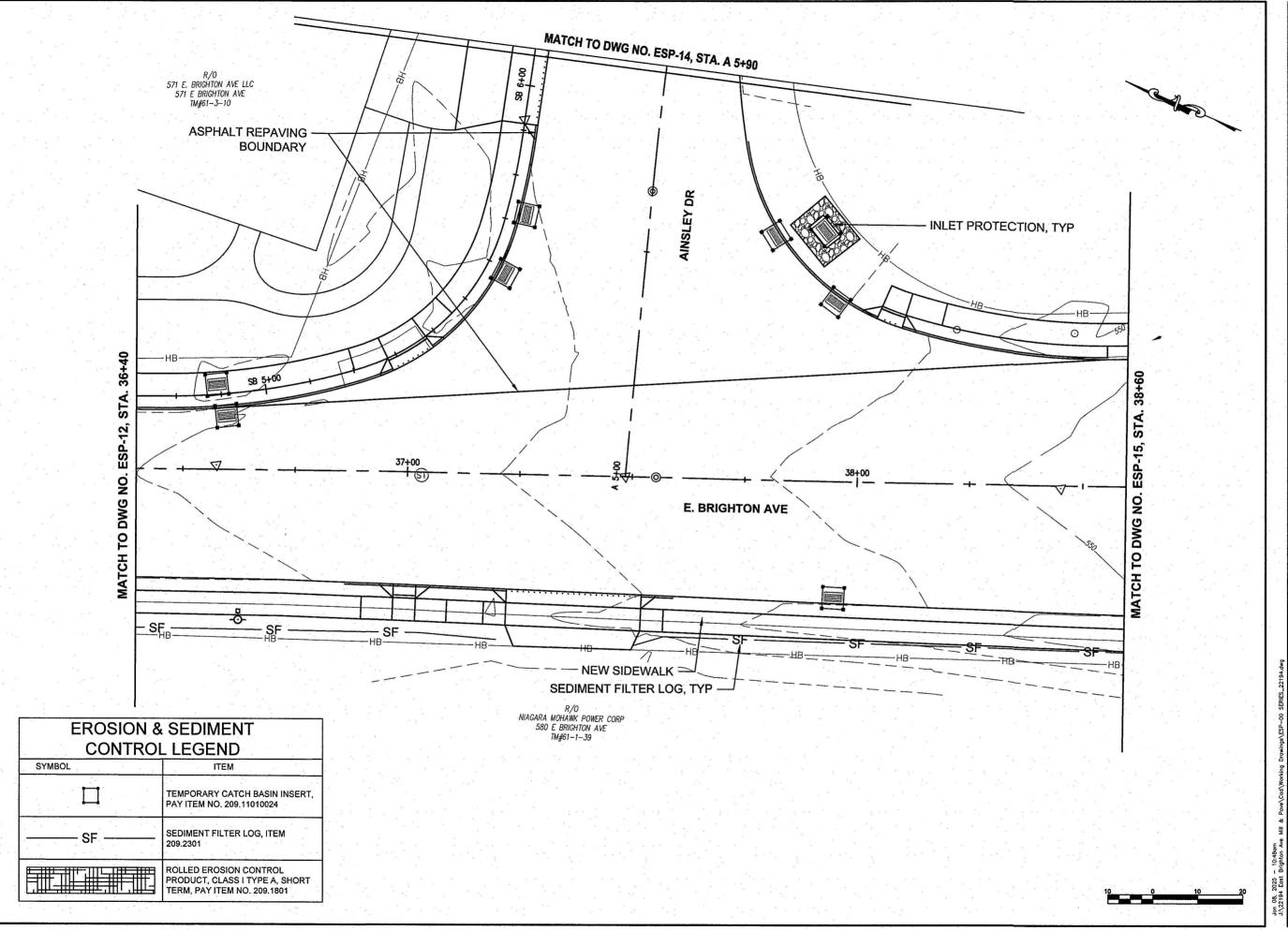
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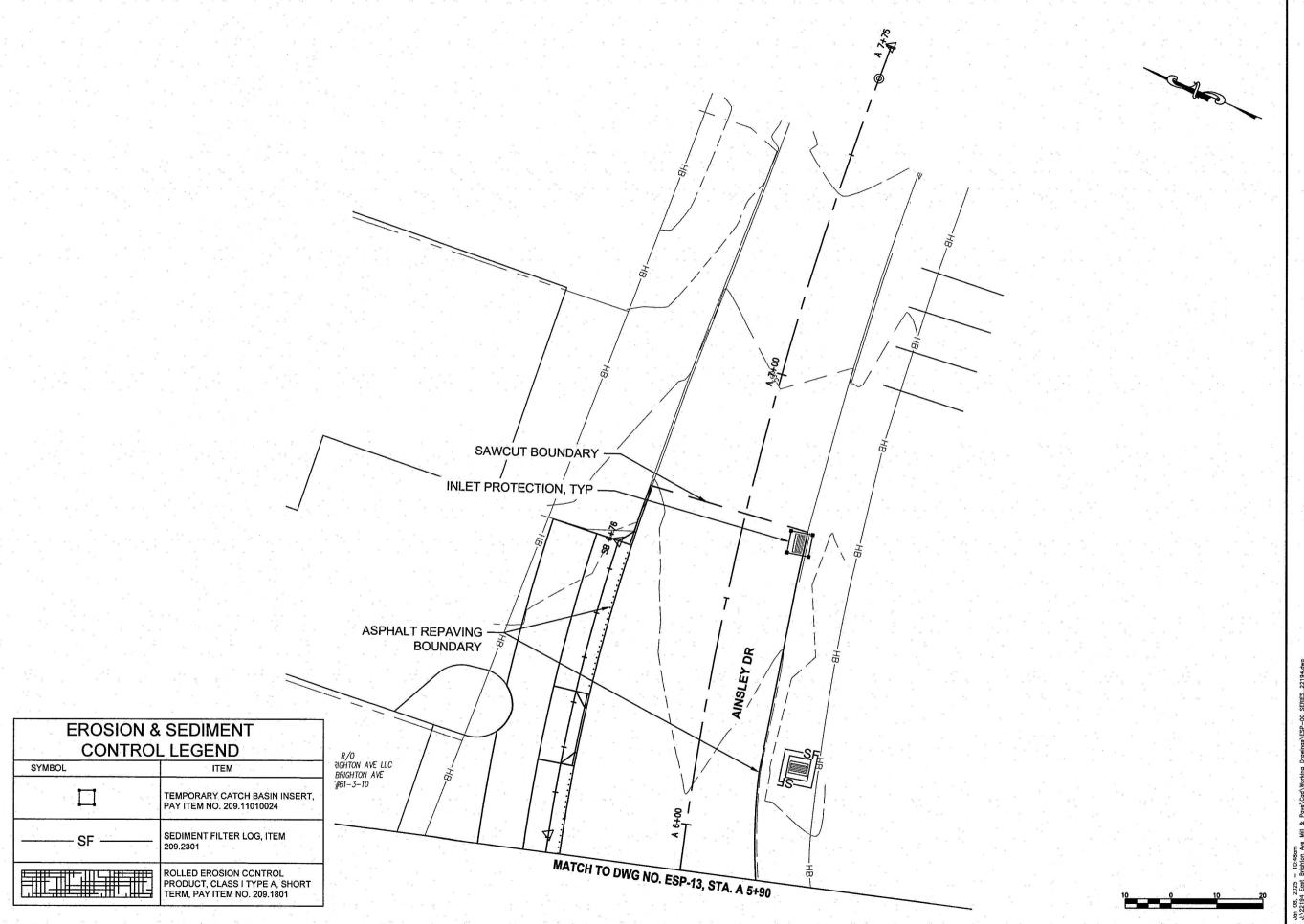
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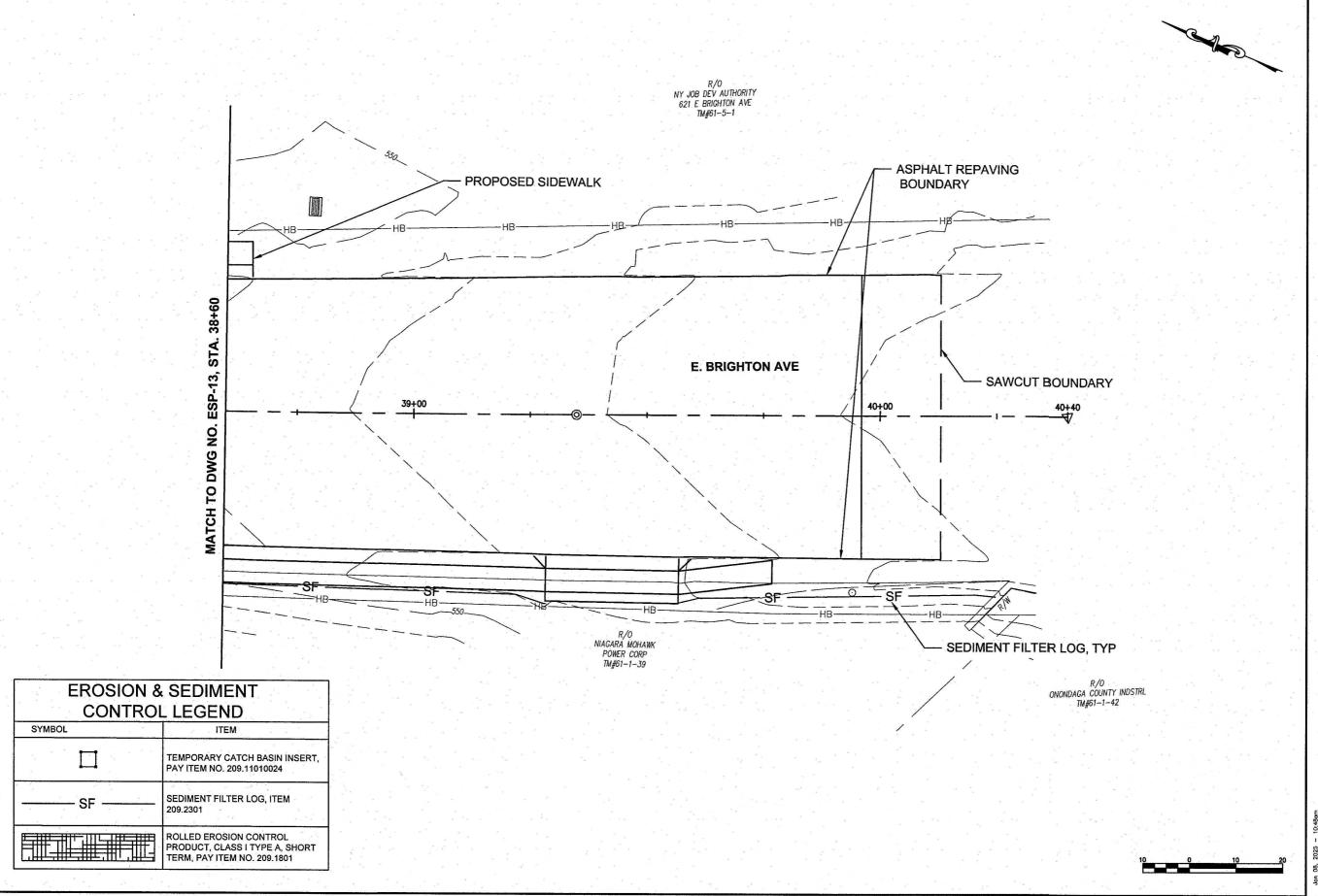
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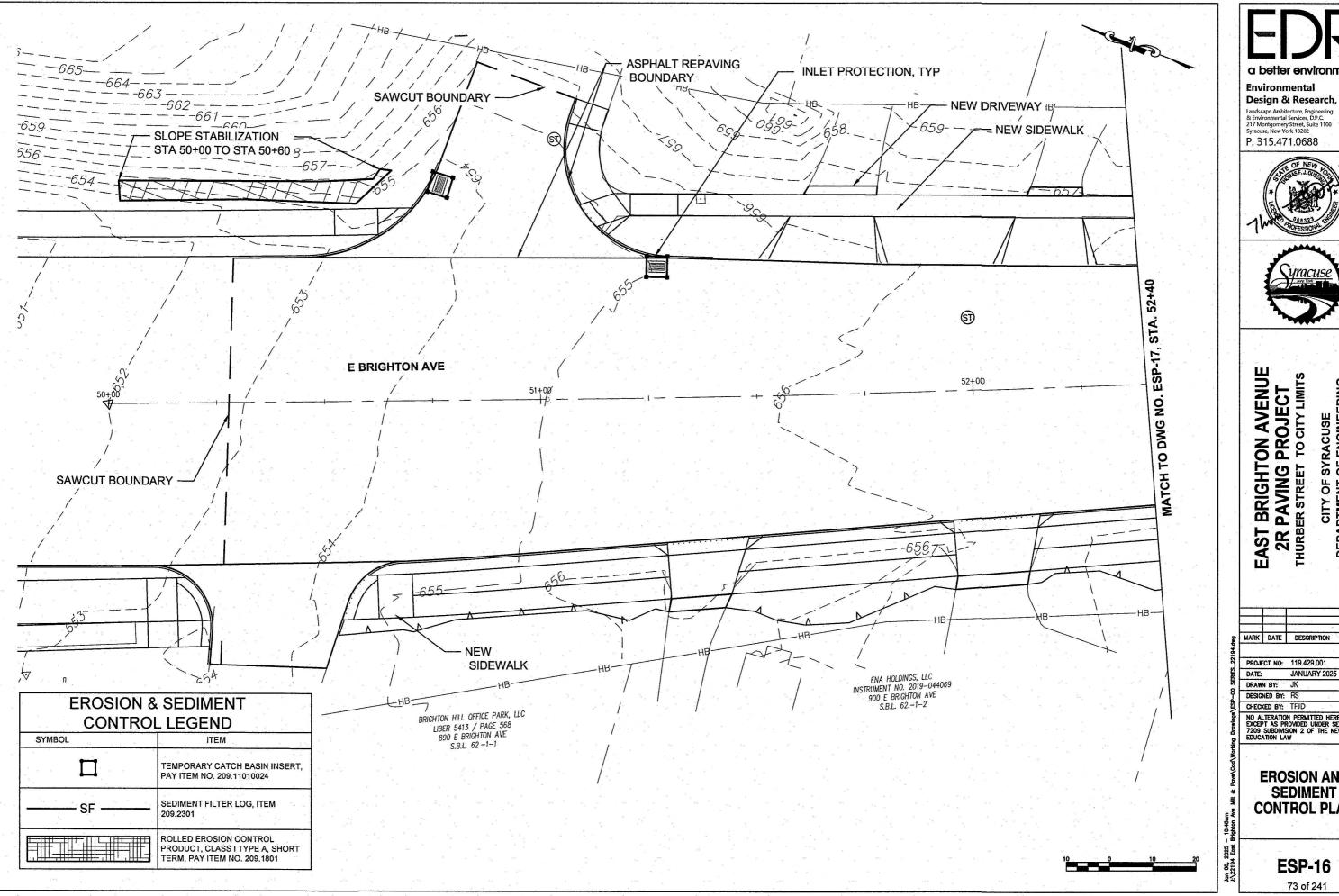
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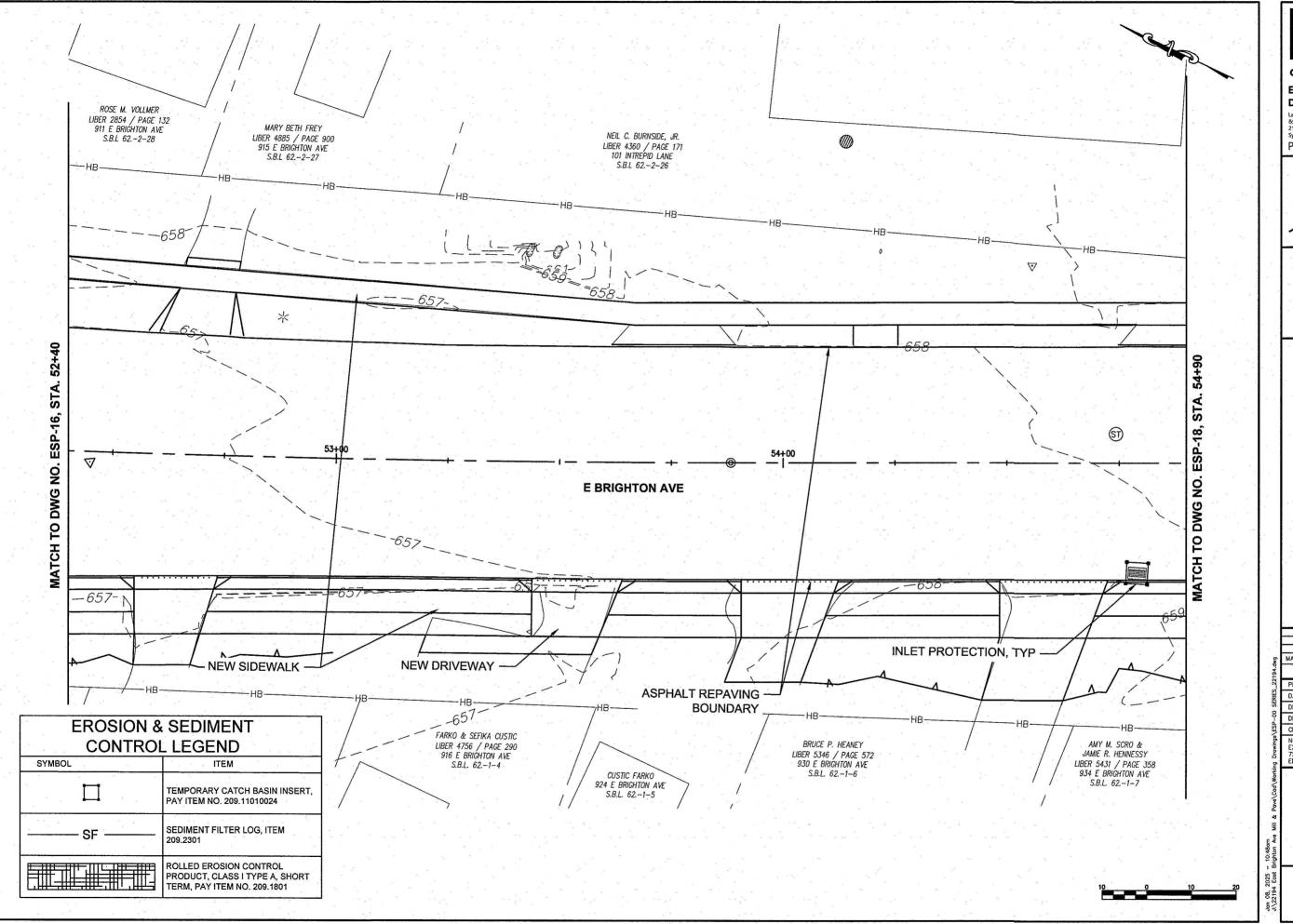
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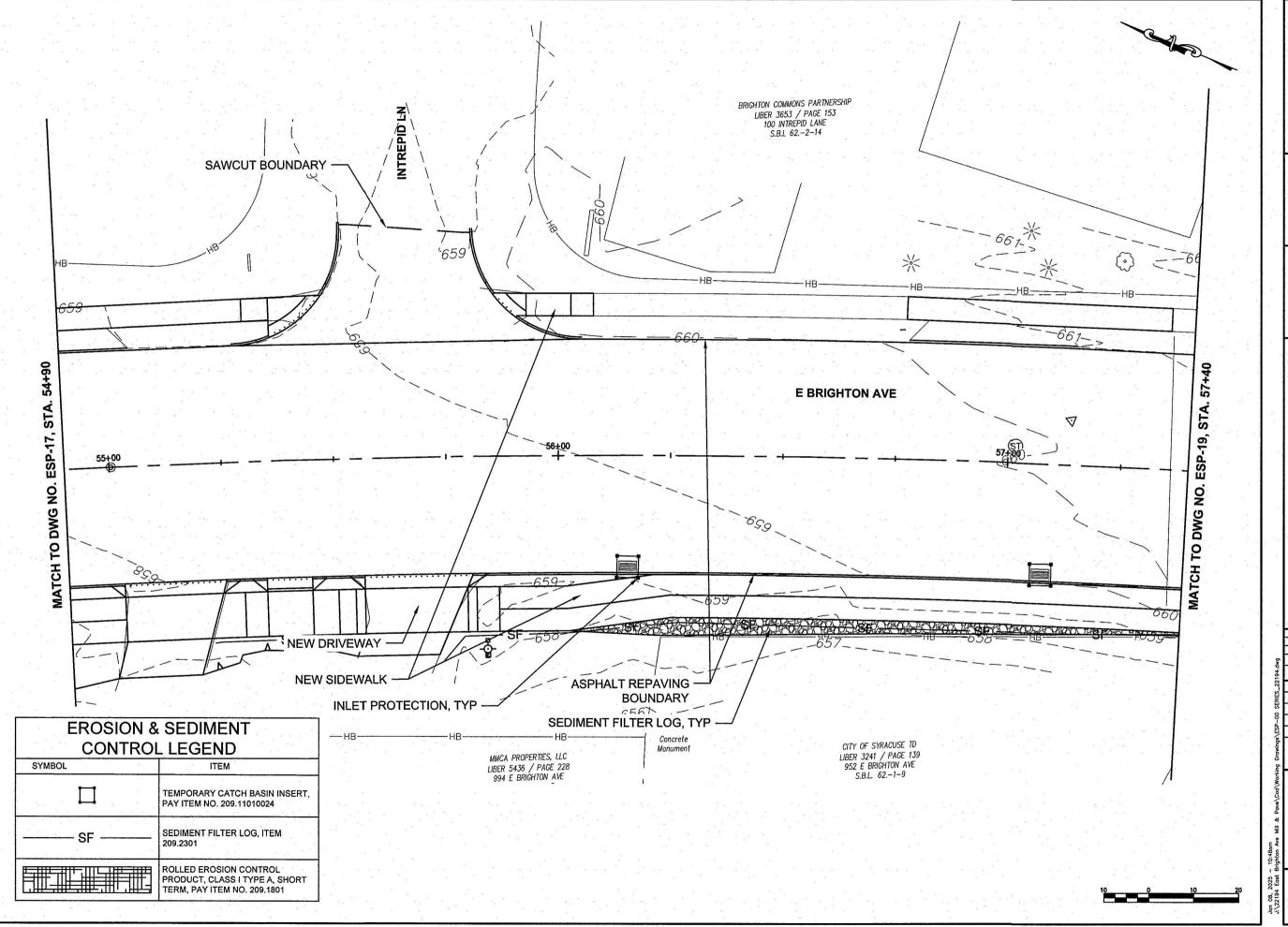
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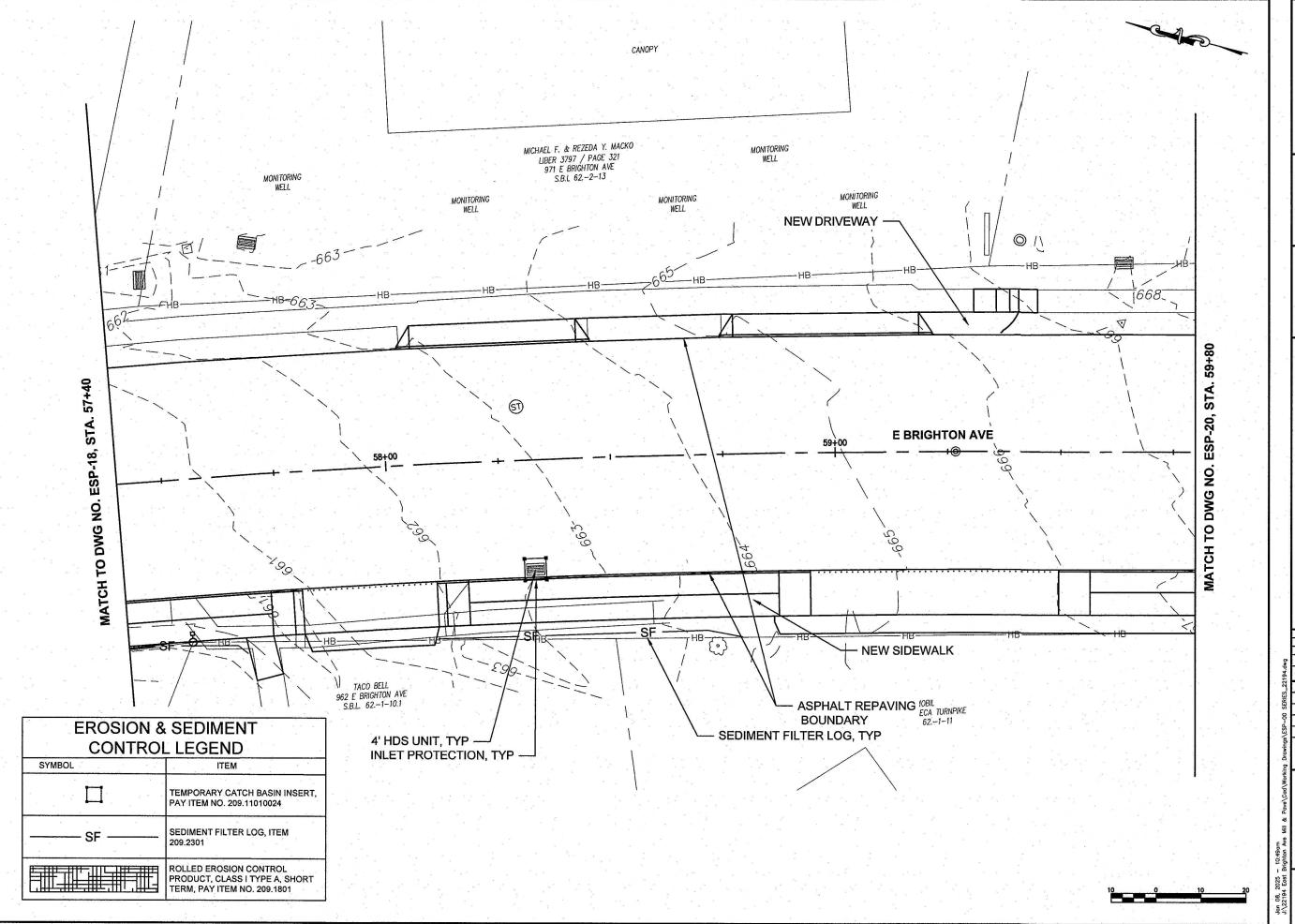
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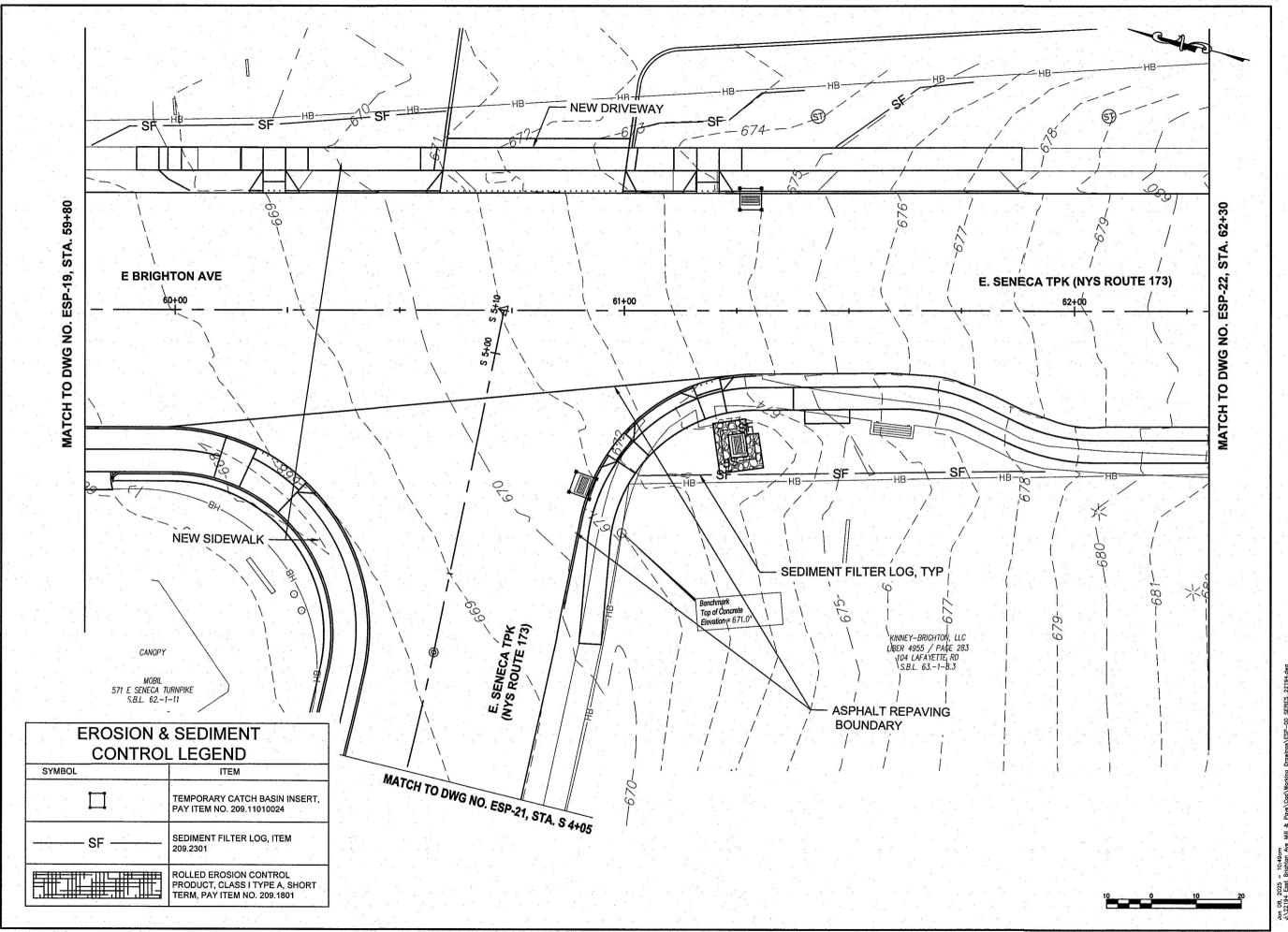
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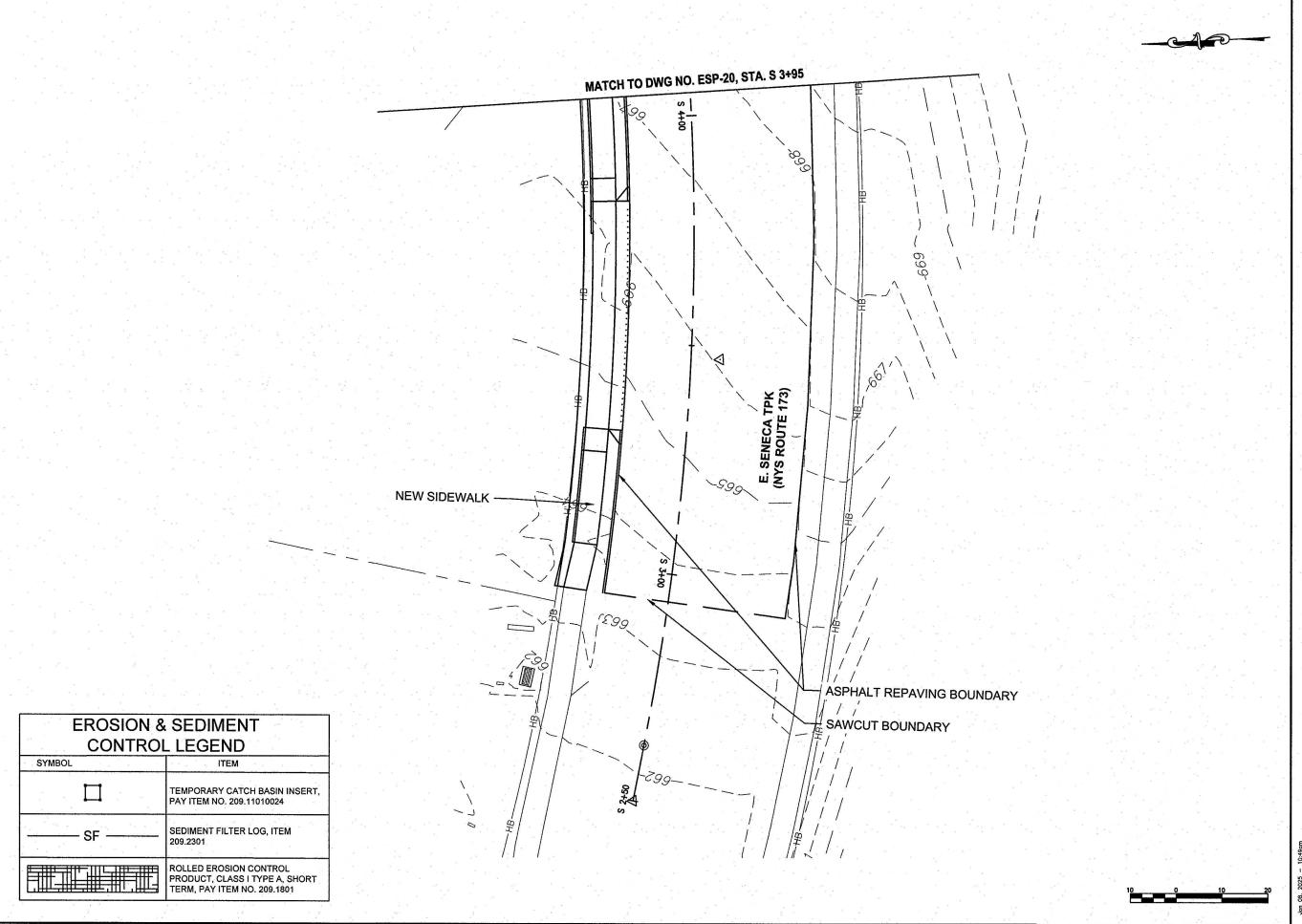
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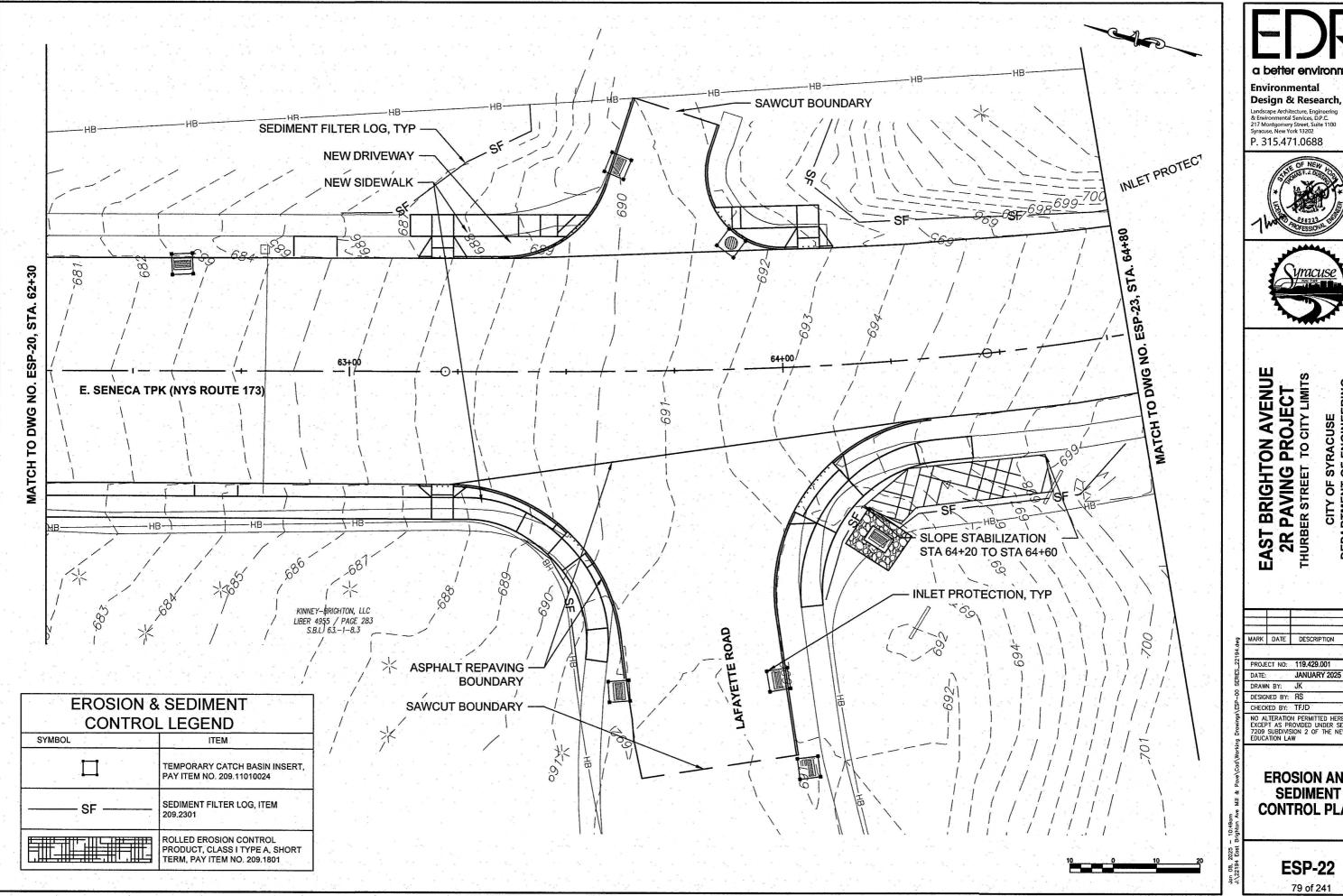
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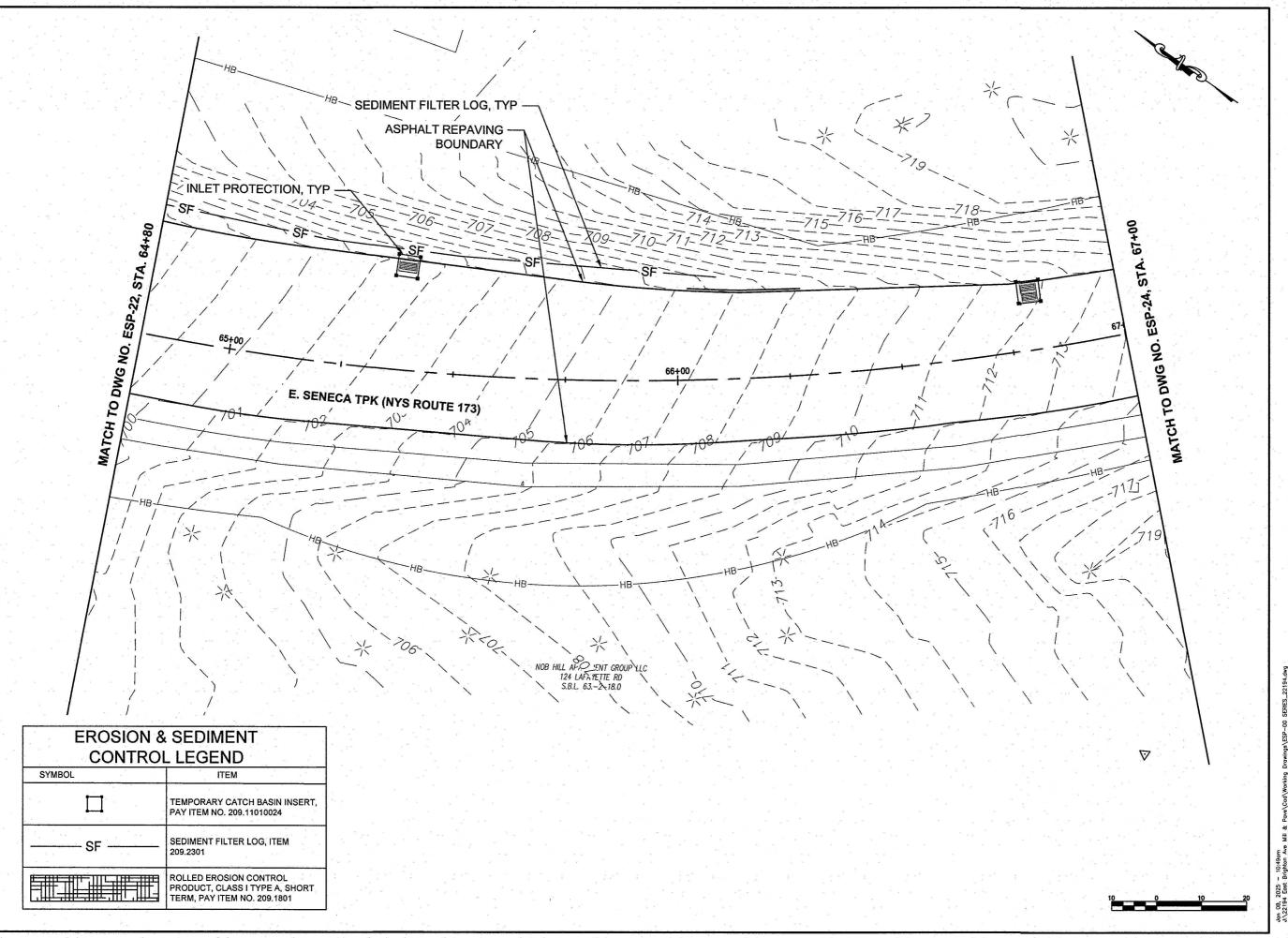


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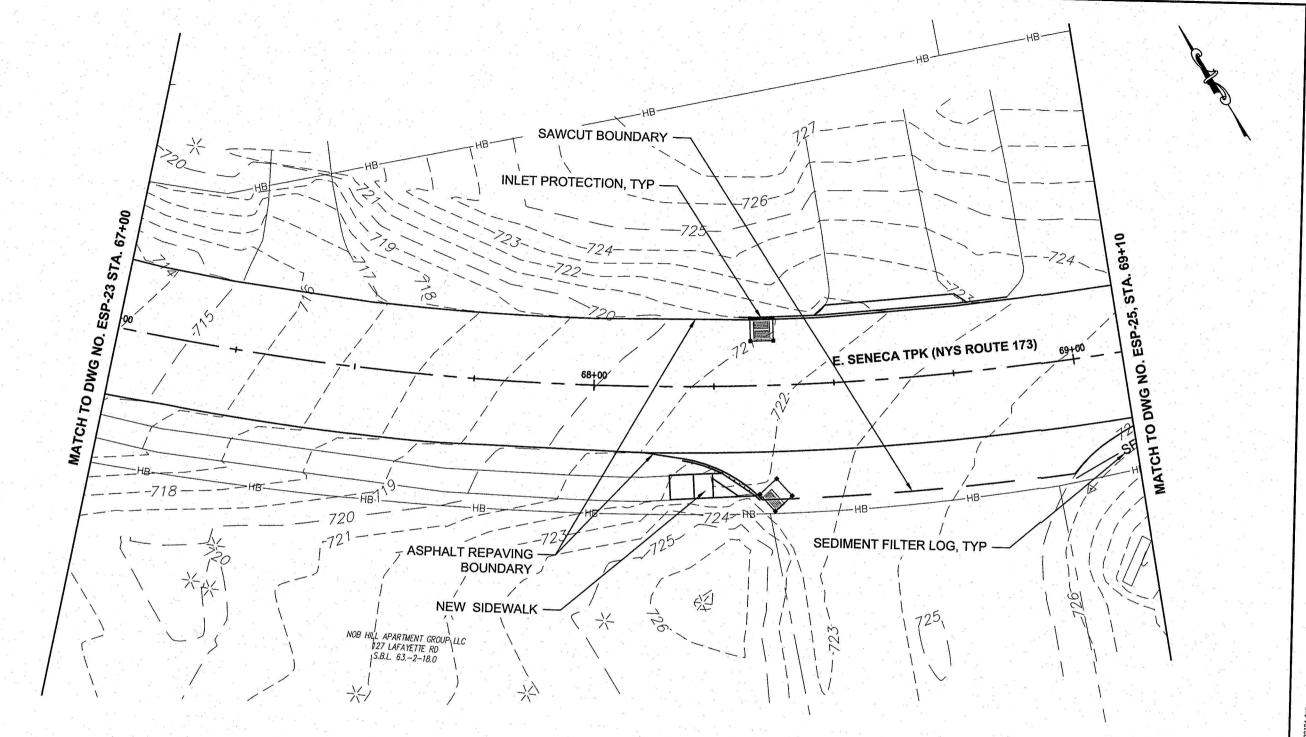
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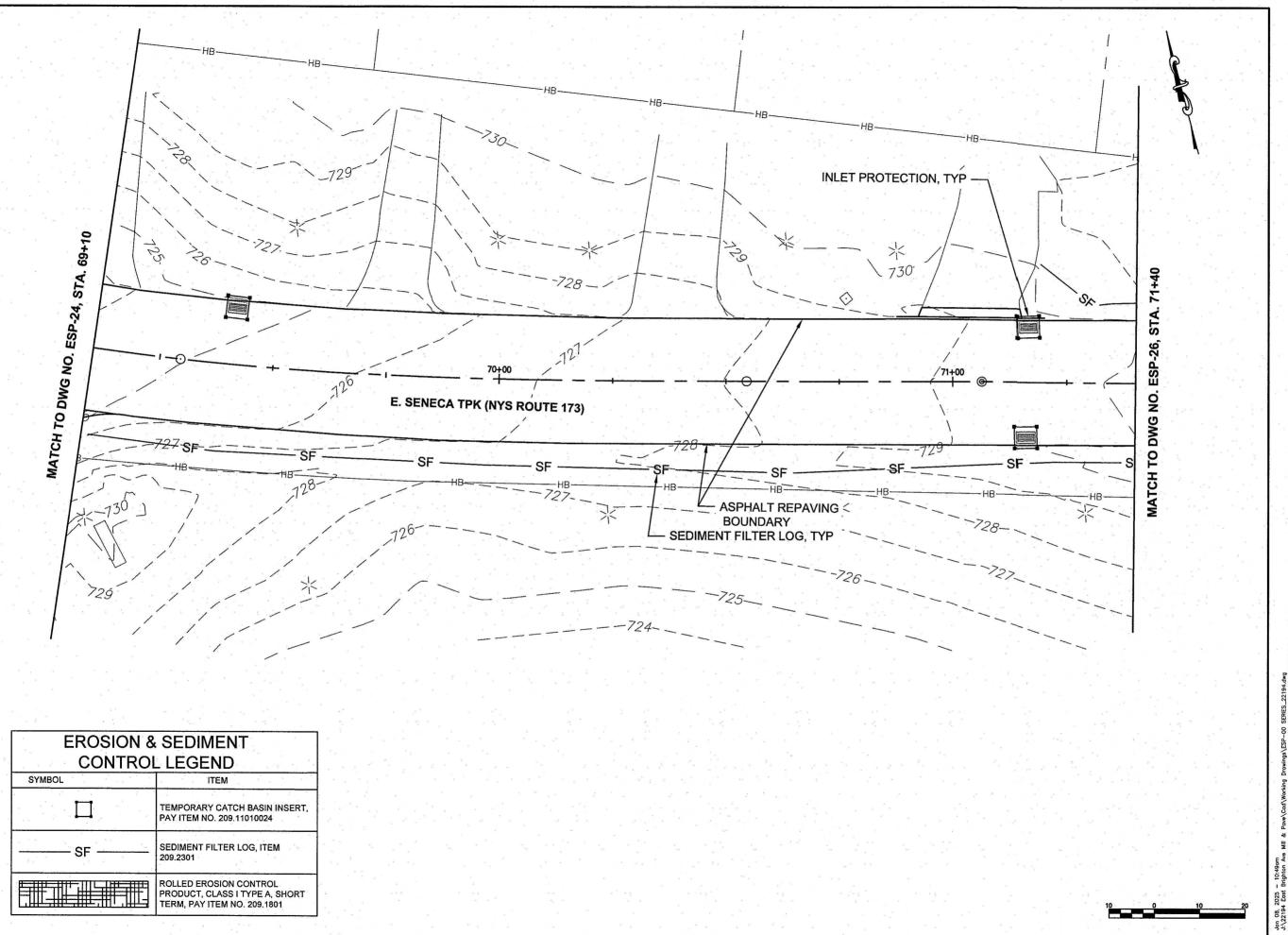
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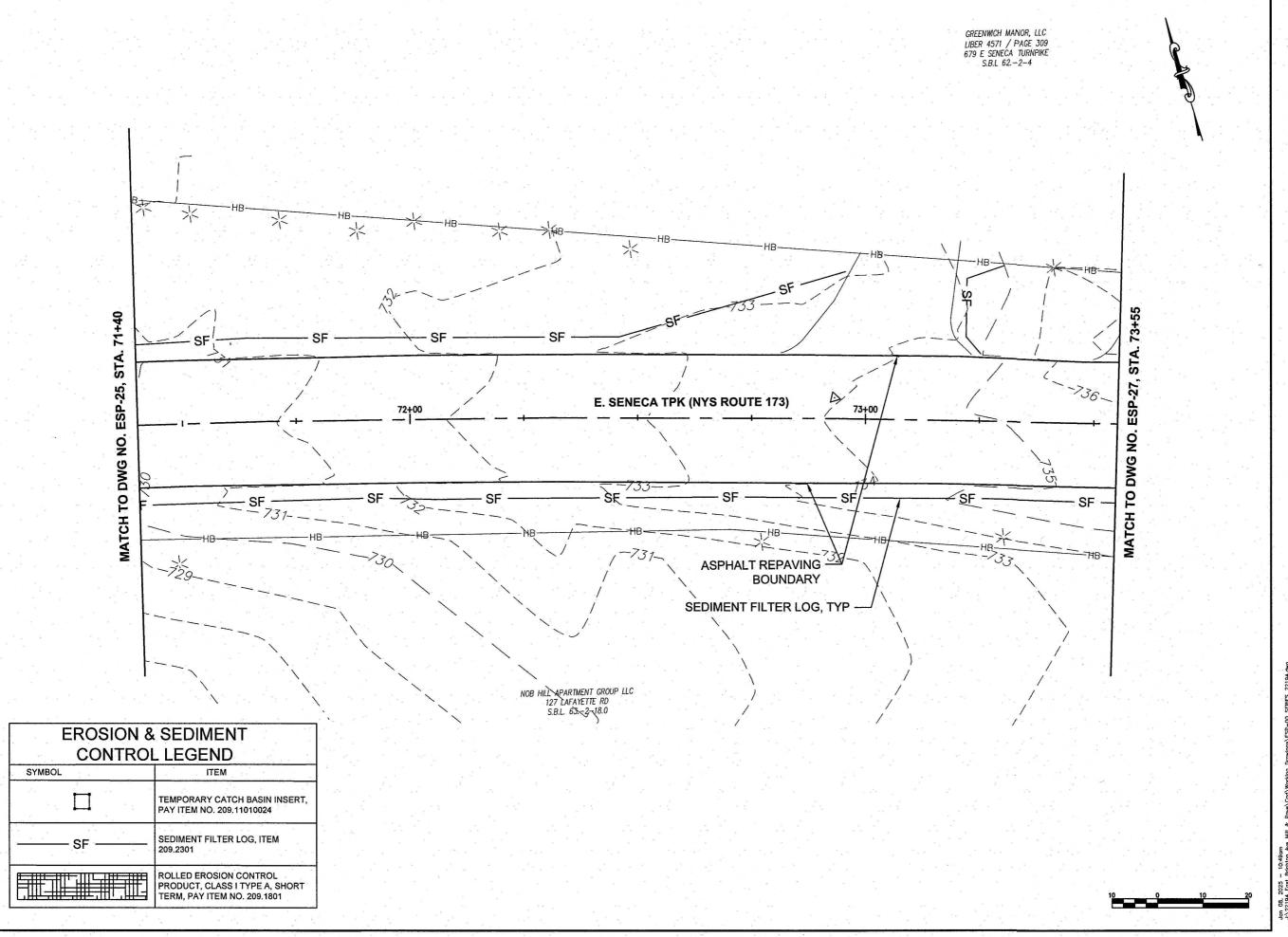
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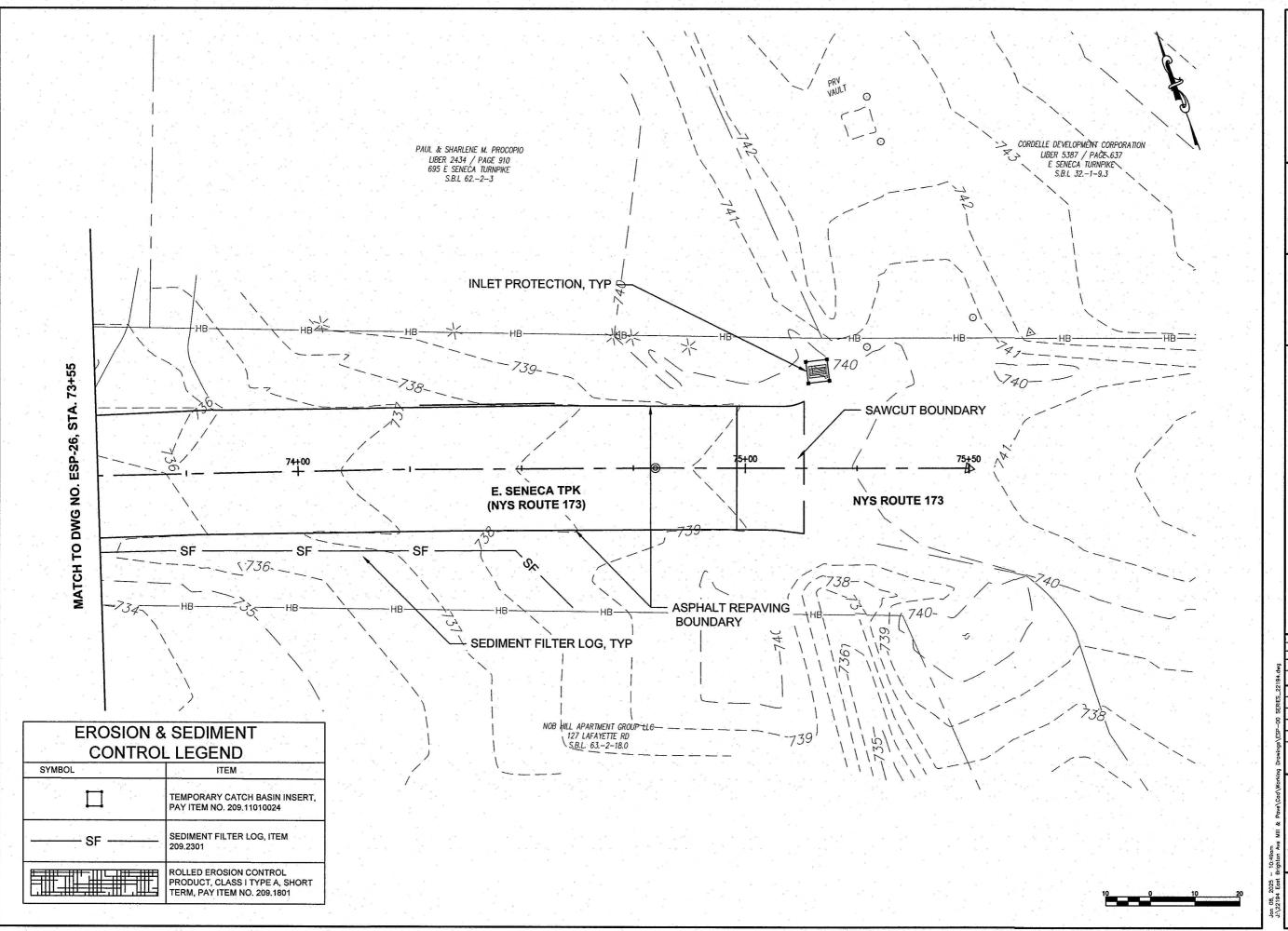
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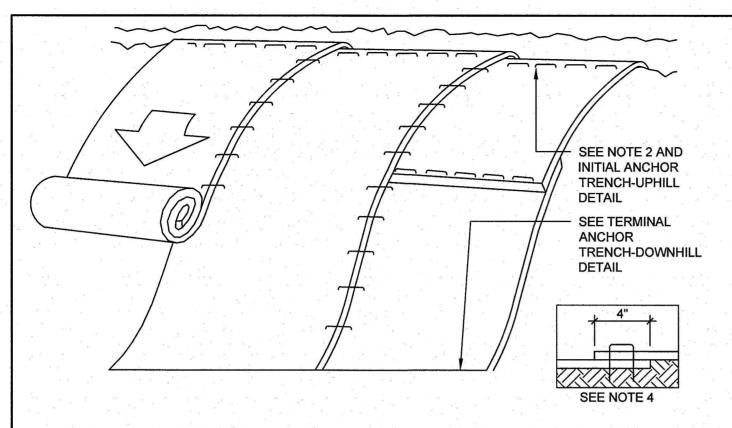
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EROSION AND SEDIMENT **CONTROL PLAN**

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PERSPECTIVE VIEW

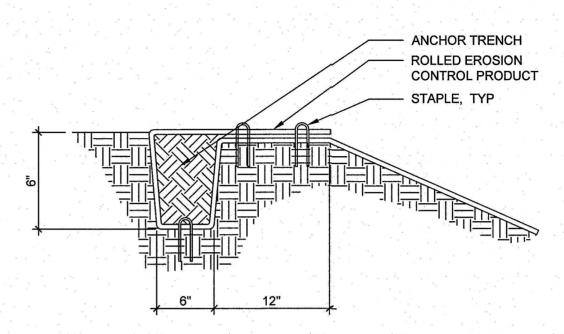
NOTES:

- TURF REINFORCEMENT MAT (TRM) SHALL BE TENSAR NORTH AMERICAN GREEN SC-150, OR APPROVED EQUAL.
- 2. PREPARE SOIL BEFORE INSTALLING TRM INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- 3. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE TRM IN A TRENCH, AS SHOWN ON THE INITIAL ANCHOR TRENCH-UPHILL DETAIL. ANCHOR THE TRM WITH A ROW OF STAPLES APPROXIMATELY 12" APART IN THE BOTTOM OF TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF TRM BACK OVER THE SEED AND COMPACTED SOIL. SECURE TRM OVER COMPACTED SOIL WITH A ROW OF STAPLES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE ROLLED EROSION CONTROL PRODUCTS.
- 4. ROLL THE TRM DOWN THE SLOPE. TRM WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL TRM MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE PROVIDED BY MANUFACTURER.
- 5. THE EDGES OF PARALLEL TRM MUST BE STAPLED WITH 4" MINIMUM OVERLAP. OVERLAP PER MANUFACTURER'S INSTRUCTIONS.
- 6. CONSECUTIVE TRM SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH A 4" MINIMUM OVERLAP. STAPLE THROUGH OVERLAPPED AREA APPROXIMATELY 12" APART ACROSS ENTIRE TRM WIDTH. NOTE: IN LOOSE SOIL CONDITIONS THE USE OF STAPLE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE TRM.
- REFER TO TERMINAL ANCHOR TRENCH-DOWNHILL DETAIL FOR TERMINAL ANCHOR TRENCH INSTALLATION.

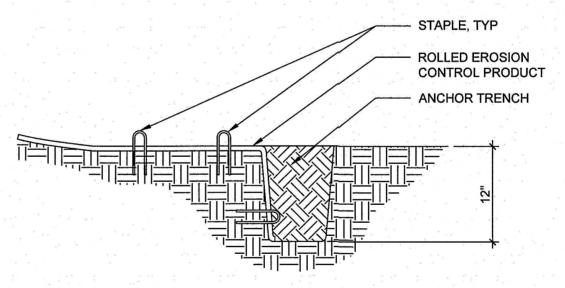
SLOPE STABILIZATION

Scale: NTS

PAY ITEM NO. 209,1801



SECTION INITIAL ANCHOR TRENCH-UPHILL



SECTION

TERMINAL ANCHOR TRENCH-DOWNHILL

ANCHOR TRENCH

Scale: NTS



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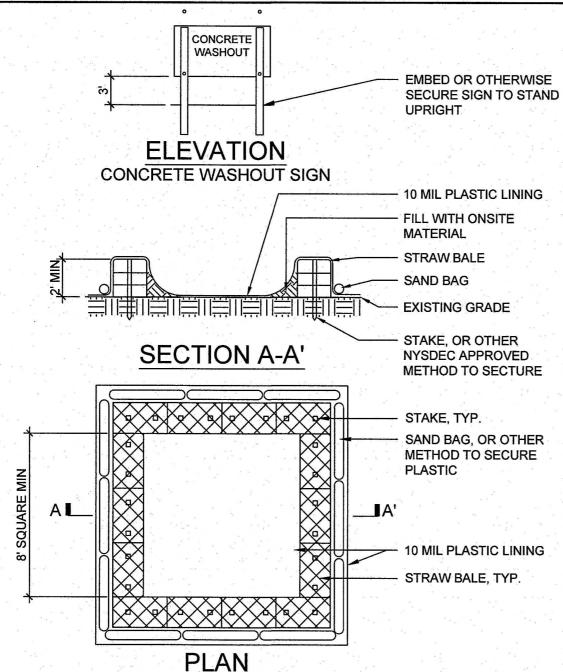
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EROSION AND SEDIMENT CONTROL DETAILS

ESD-01

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1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING, CONSTRUCTION, AND INTEGRITY OF THE WASHOUT. THE CAPACITY OF THE WASHOUT SHALL BE 60 GALLONS PER TRUCK TO BE CLEANED WITHIN THE EXPECTED MAINTENANCE FREQUENCY. ADDITIONAL CAPACITY SHALL BE PROVIDED TO ACCOMMODATE RAINFALL

OTHER METHODS OF CONCRETE WASHOUT CONTAINMENT MAY BE UTILIZED IF APPROVED BY THE OWNER'S REPRESENTATIVE.

- LOCATE WASHOUT AREA AT LEAST 100' FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES
- THE PLASTIC LINING SHALL BE MAINTAINED IN A WATER TIGHT CONDITION AND SHALL BE REPLACED AT EVERY CLEANING.
- DO NOT ALLOW RUNOFF TO ENTER THIS AREA.

NOTES:

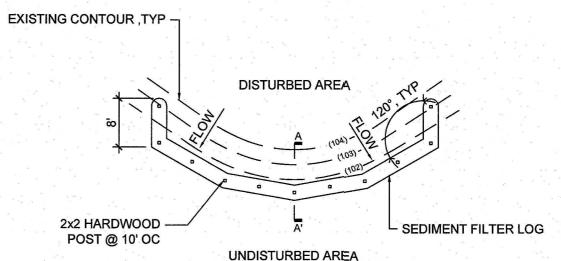
- THE CONCRETE WASHOUT SIGN SHALL BE PLACED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
- THERE IS NO SEPARATE PAYMENT FOR THIS DETAIL. COST TO BE INCLUDED IN VARIOUS ITEMS IN THE CONTRACT.

CONCRETE WASHOUT AREA

Scale: NTS **TEMPORARY** DISTURBED AREA **UNDISTURBED AREA** Z MIN 12 **SECTION A-A'**

2x2 HARDWOOD POST @ 10' OC

SEDIMENT FILTER LOG



PLAN

NOTE:

- SEDIMENT FILTER LOGS SHALL BE PLACED ON THE CONTOUR WITH BOTH TERMINAL ENDS OF THE SOCK EXTENDED 8 FEET UPSLOPE AT A 45° ANGLE TO PREVENT BYPASS FLOW.
- DIAMETERS DESIGNED FOR USE SHALL BE 12"-32".

PLACED FILTER MEDIA

(OPTIONAL)

- THE FLAT DIMENSION OF THE LOG SHALL BE AT LEAST 1.5 TIMES THE NOMINAL DIAMETER.
- SEDIMENT FILTER LOGS SHALL MEET THE REQUIREMENTS OF ITEM 209.2301.

SEDIMENT FILTER LOG

Scale: NTS

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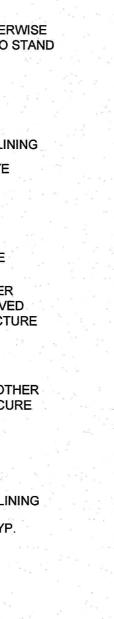
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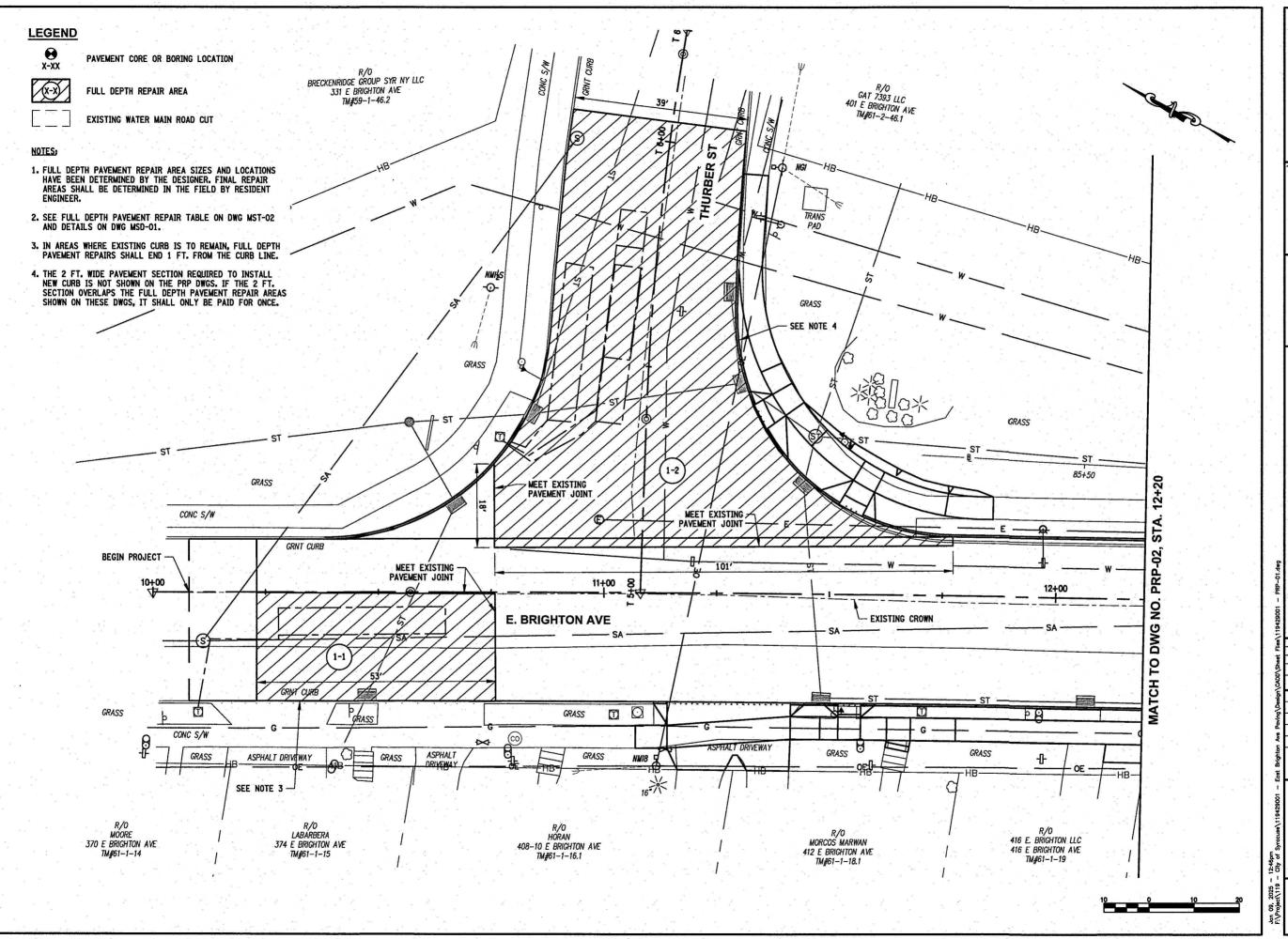
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EROSION AND SEDIMENT **CONTROL DETAILS**

ESD-02







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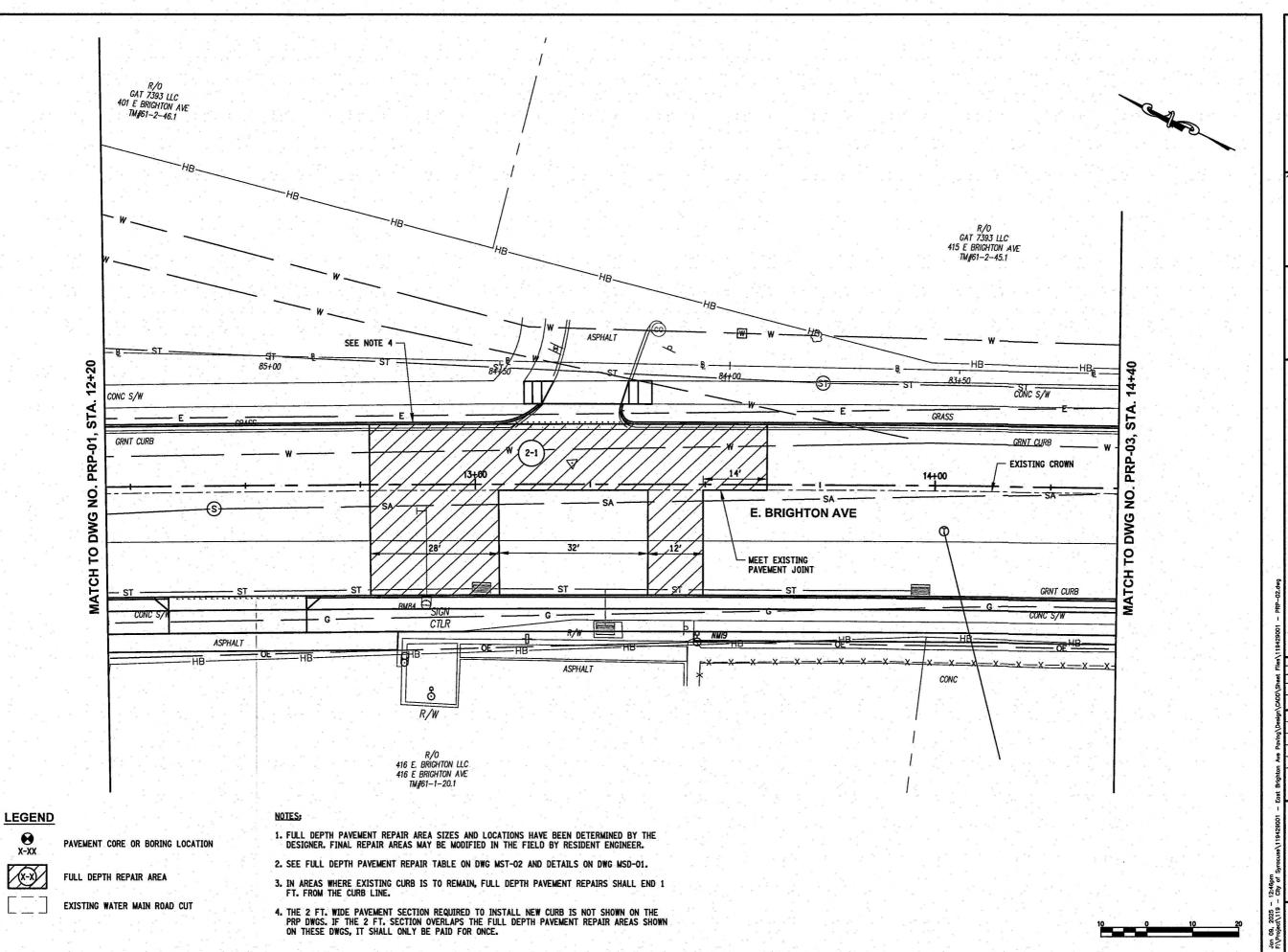
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PAVEMENT REPAIR PLAN

PRP-01



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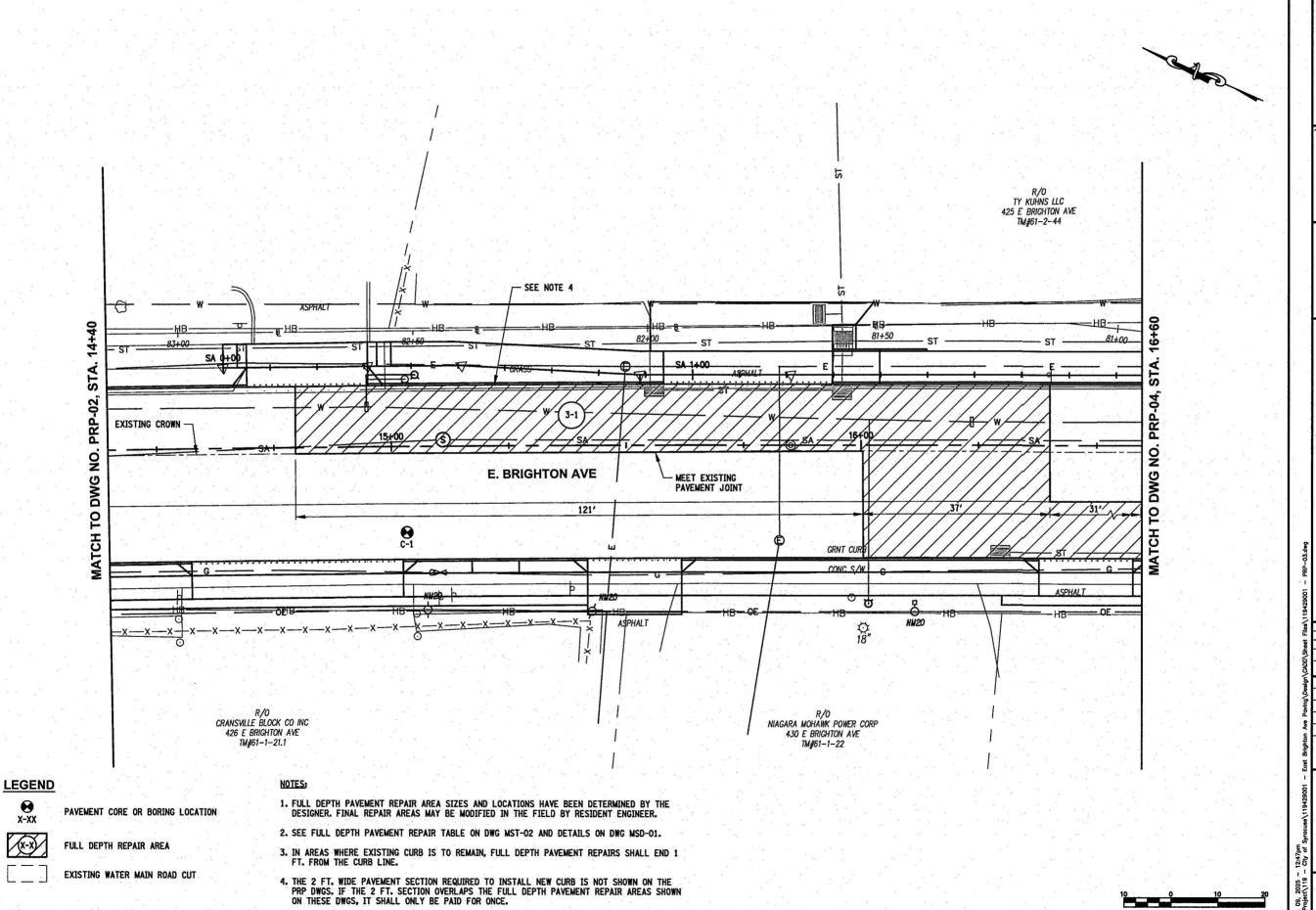
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PAVEMENT REPAIR **PLAN**

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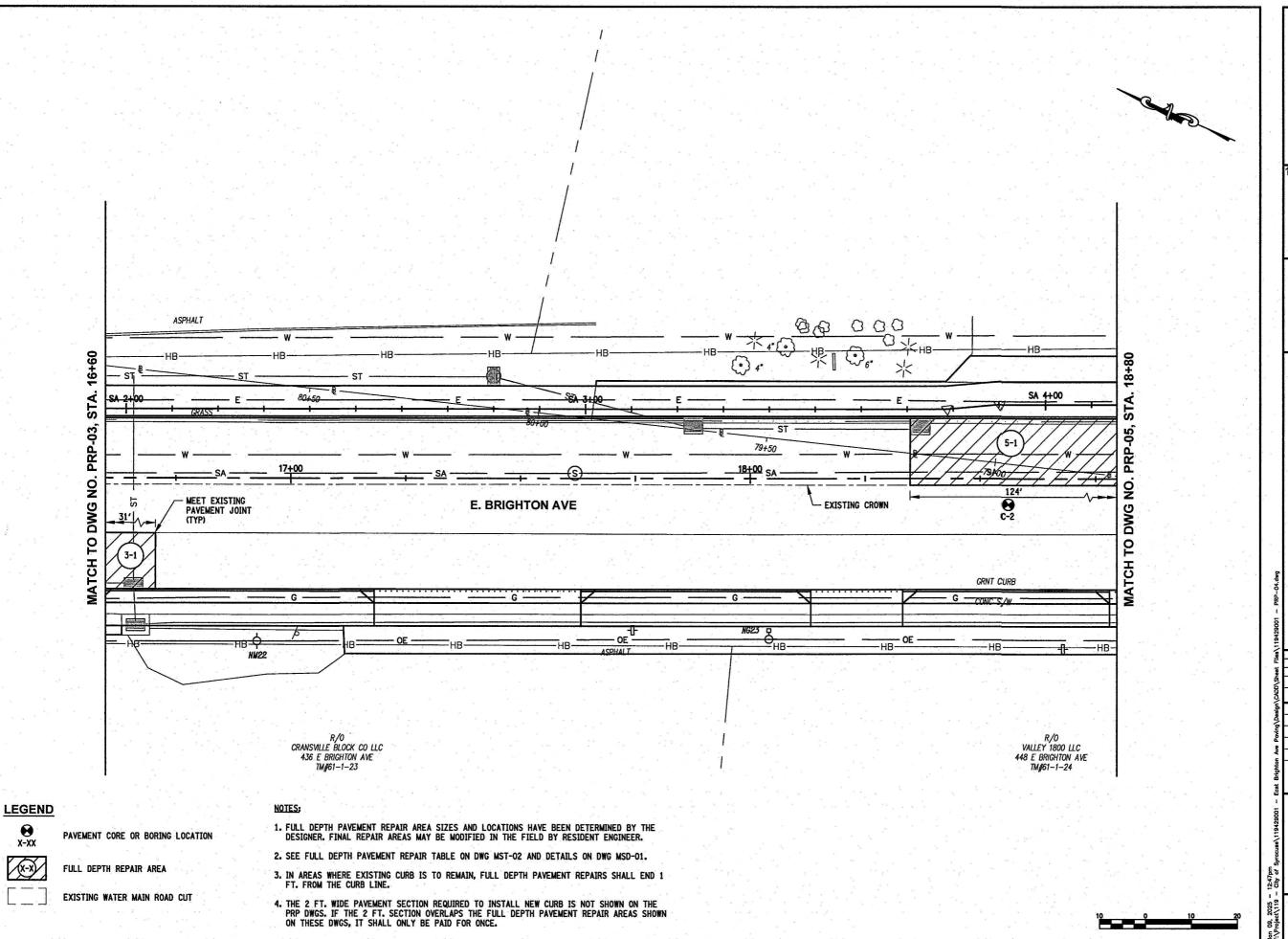
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PAVEMENT REPAIR PLAN

PRP-03



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(A)

COMPANIES

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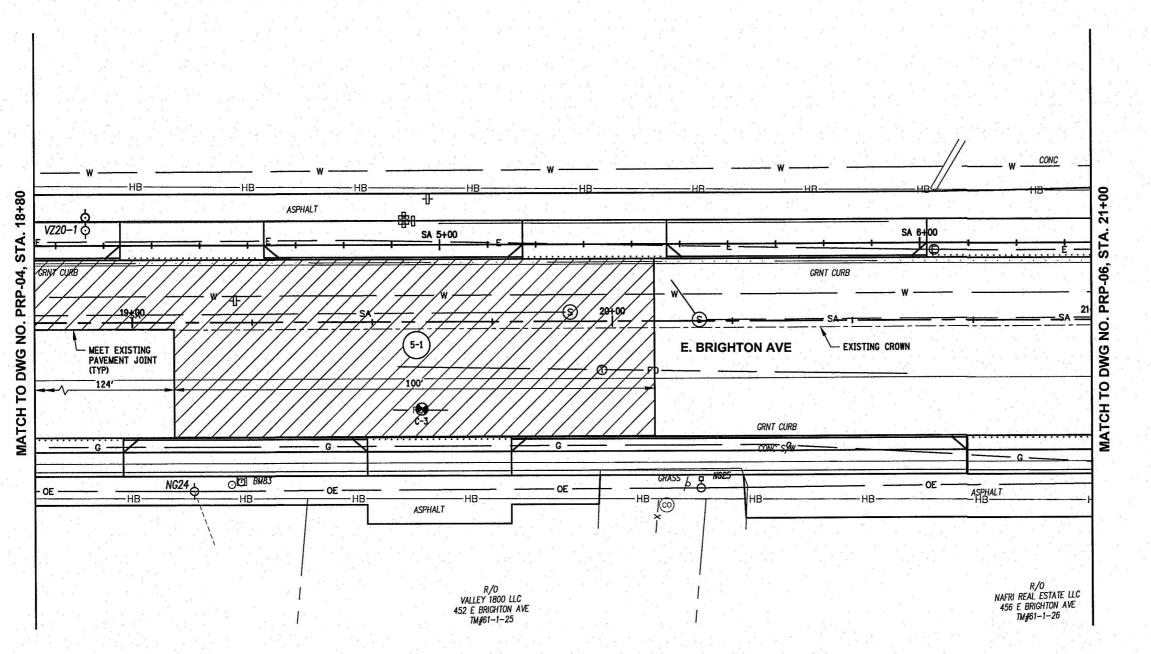
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PAVEMENT REPAIR **PLAN**

PRP-04



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EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

PIN 3756

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> **PAVEMENT** REPAIR PLAN

PRP-05

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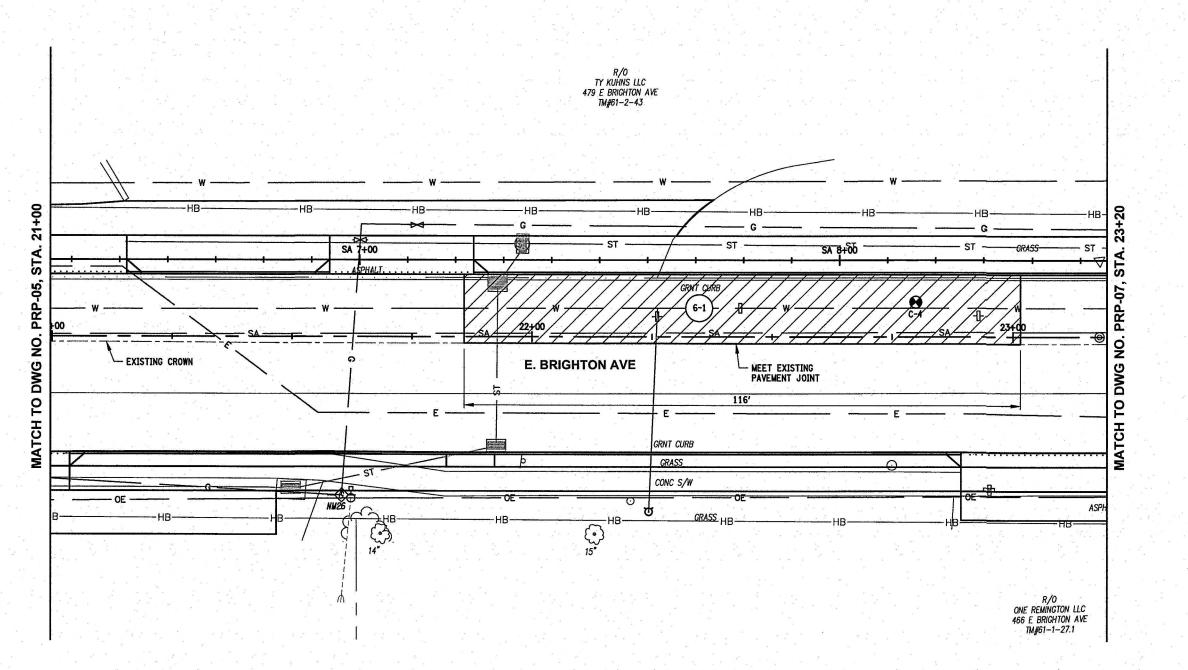
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PAVEMENT CORE OR BORING LOCATION

FULL DEPTH REPAIR AREA

EXISTING WATER MAIN ROAD CUT

- 1. FULL DEPTH PAVEMENT REPAIR AREA SIZES AND LOCATIONS HAVE BEEN DETERMINED BY THE DESIGNER, FINAL REPAIR AREAS MAY BE MODIFIED IN THE FIELD BY RESIDENT ENGINEER.
- 2. SEE FULL DEPTH PAVEMENT REPAIR TABLE ON DWG MST-02 AND DETAILS ON DWG MSD-01.
- 3. IN AREAS WHERE EXISTING CURB IS TO REMAIN, FULL DEPTH PAVEMENT REPAIRS SHALL END 1 FT. FROM THE CURB LINE.
- 4. THE 2 FT. WIDE PAVEMENT SECTION REQUIRED TO INSTALL NEW CURB IS NOT SHOWN ON THE PRP DWGS. IF THE 2 FT. SECTION OVERLAPS THE FULL DEPTH PAVEMENT REPAIR AREAS SHOWN ON THESE DWGS, IT SHALL ONLY BE PAID FOR ONCE.



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CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

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PAVEMENT REPAIR PLAN

PRP-06

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LEGEND

PAVEMENT CORE OR BORING LOCATION



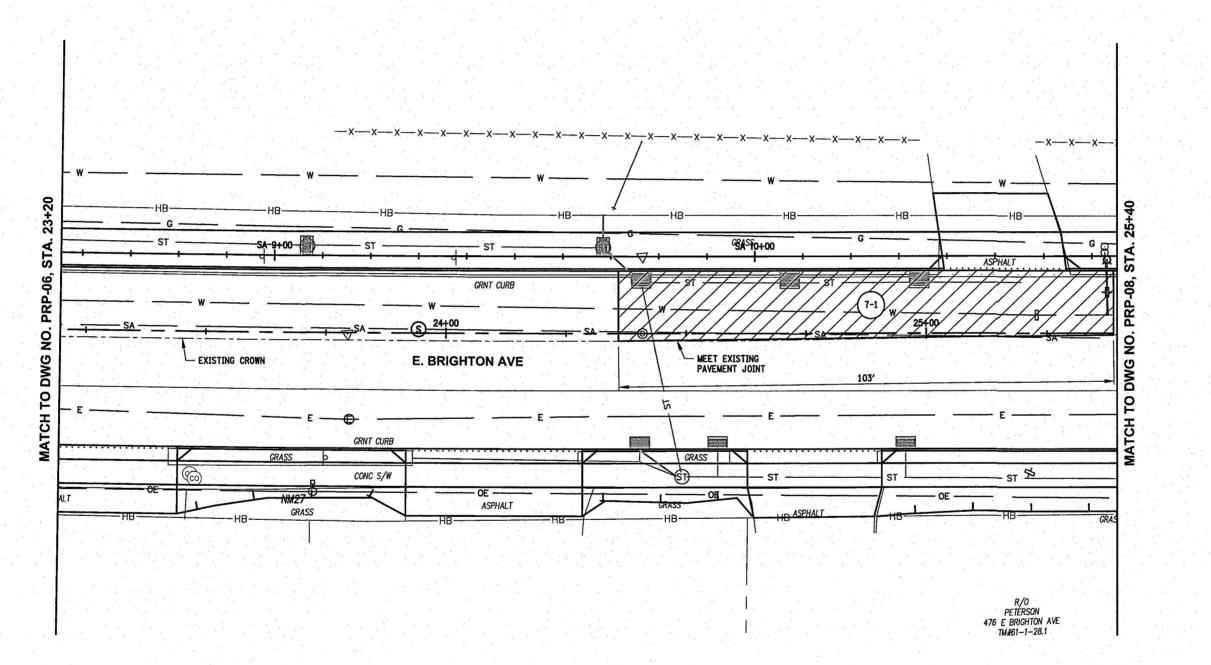
FULL DEPTH REPAIR AREA



EXISTING WATER MAIN ROAD CUT

NOTES:

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PAVEMENT REPAIR PLAN

PRP-07

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LEGEND

PAVEMENT CORE OR BORING LOCATION



FULL DEPTH REPAIR AREA



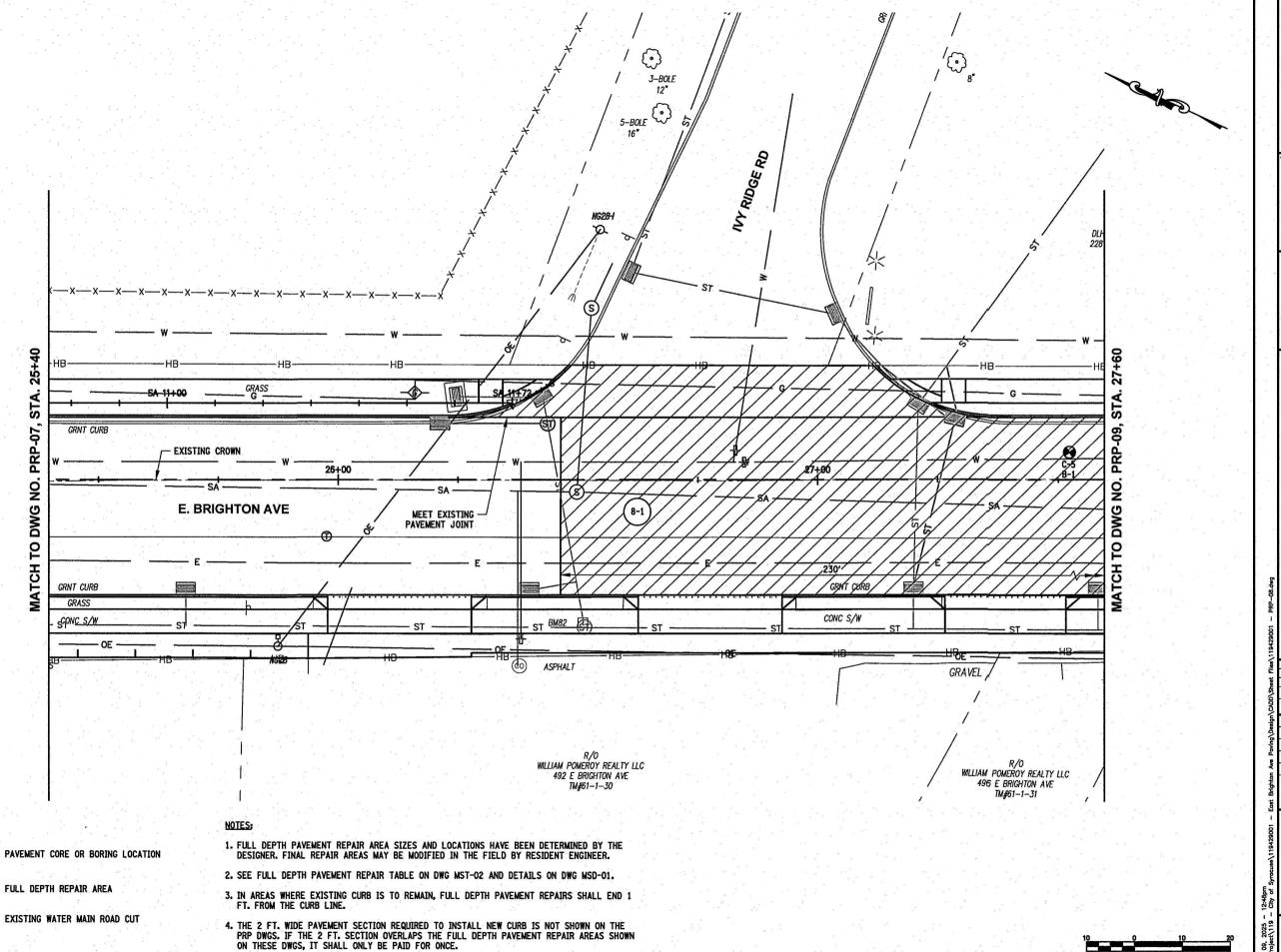
EXISTING WATER MAIN ROAD CUT

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EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

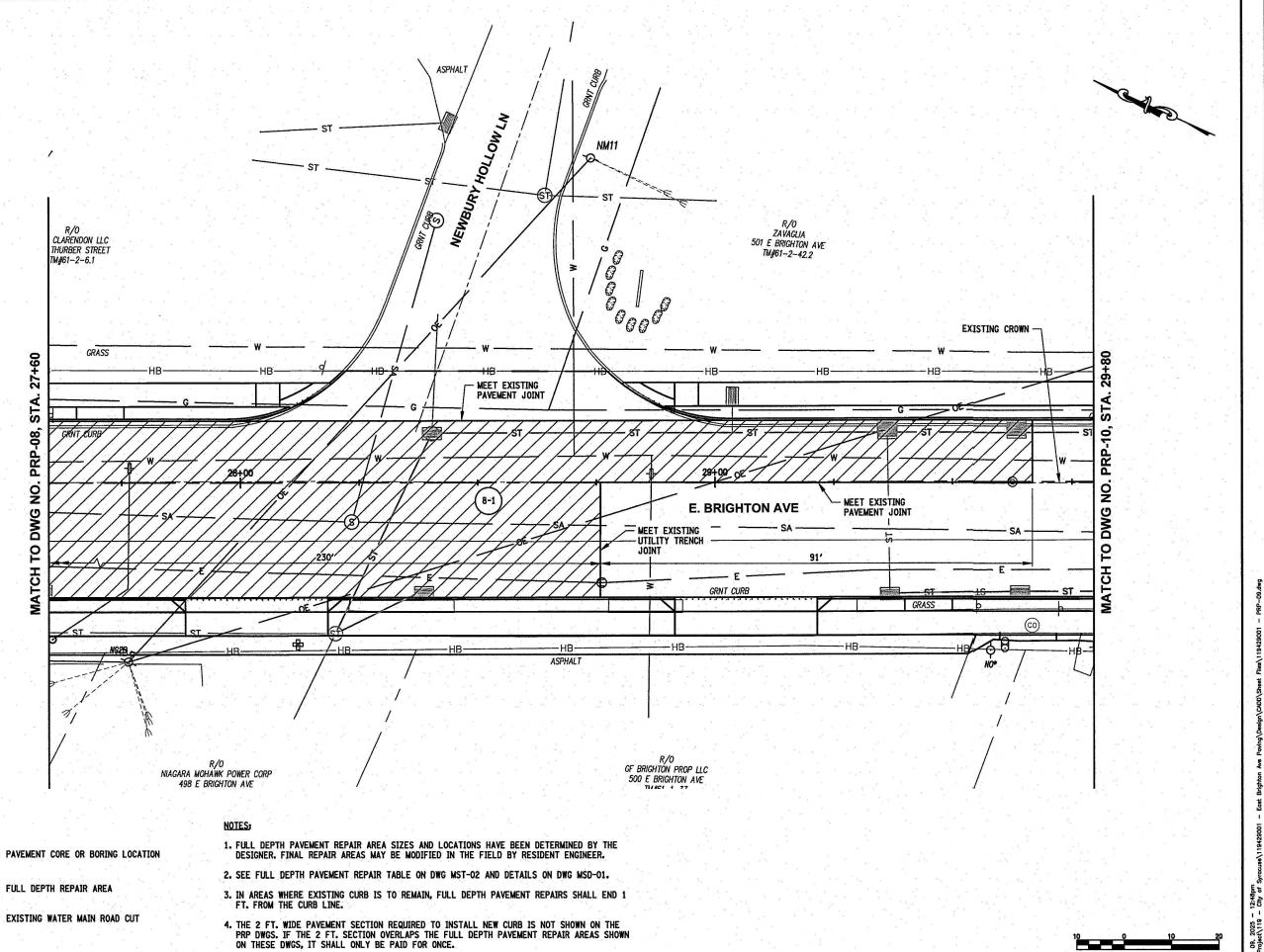
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PAVEMENT REPAIR PLAN

PRP-08



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DEPARTMENT OF ENGINEERING

PROJECT NO: 119.429.001 JANUARY 2025 DATE: DRAWN BY: DJB

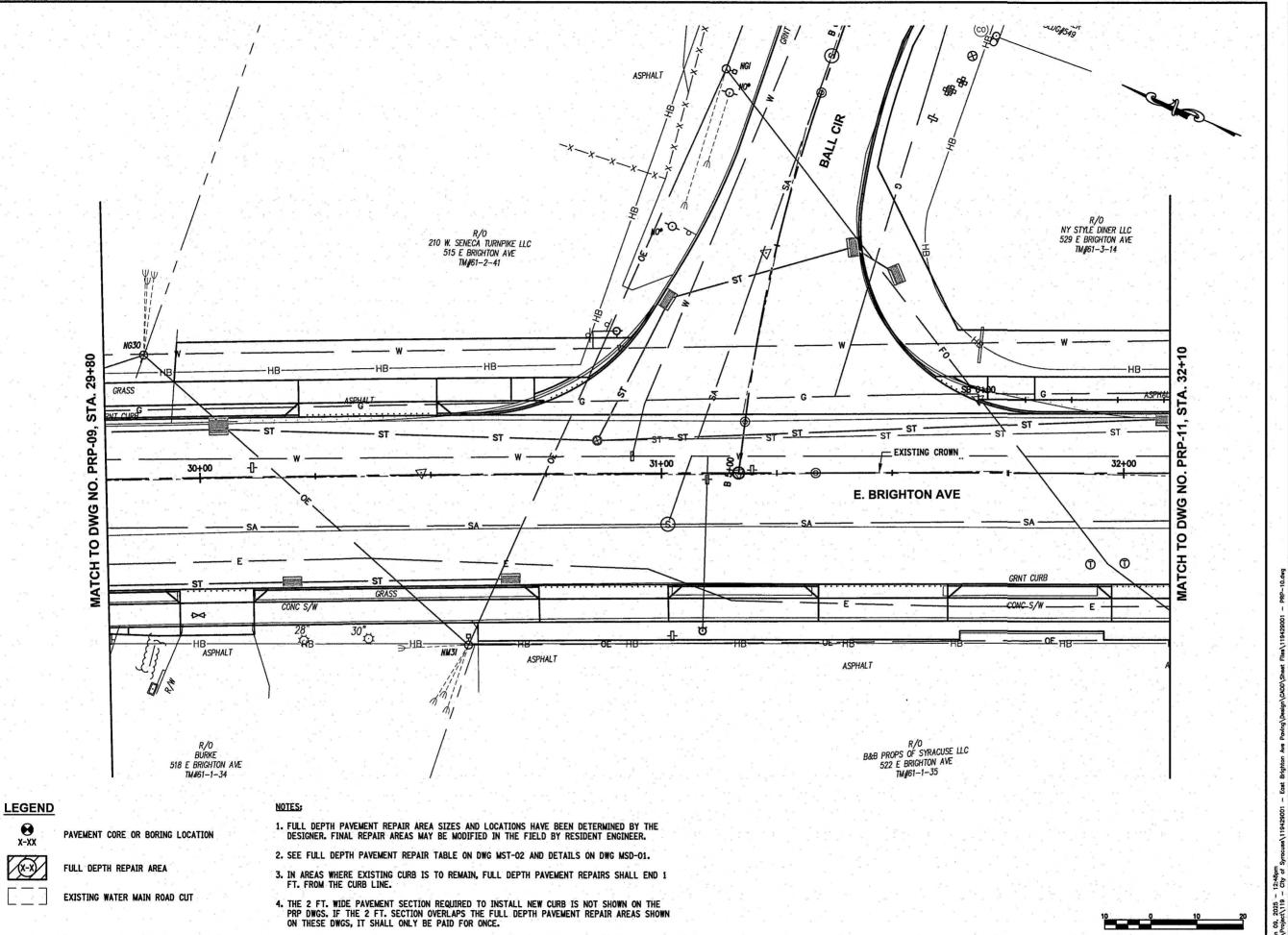
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PAVEMENT REPAIR **PLAN**

PRP-09



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THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

PROJECT NO: 119.429.001 DATE:

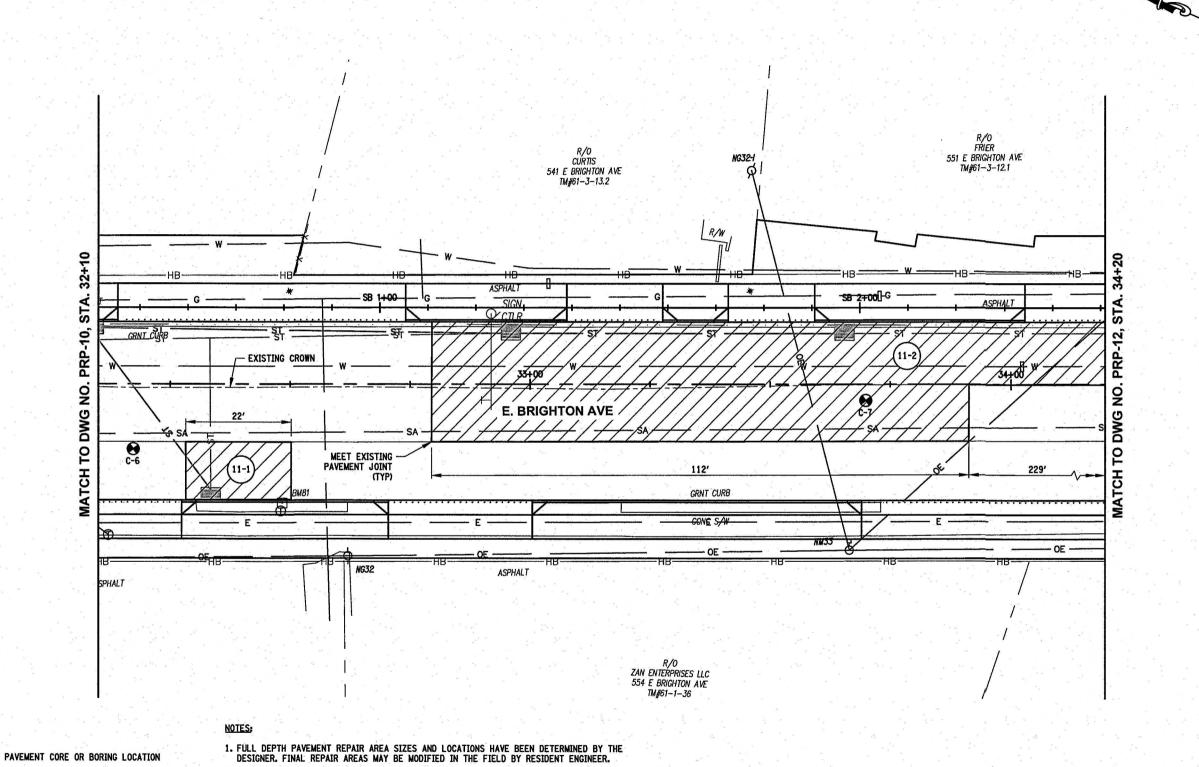
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PAVEMENT REPAIR PLAN

PRP-10



2. SEE FULL DEPTH PAVEMENT REPAIR TABLE ON DWG MST-02 AND DETAILS ON DWG MSD-01.

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LEGEND

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FULL DEPTH REPAIR AREA

EXISTING WATER MAIN ROAD CUT

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DEPARTMENT OF ENGINEERING

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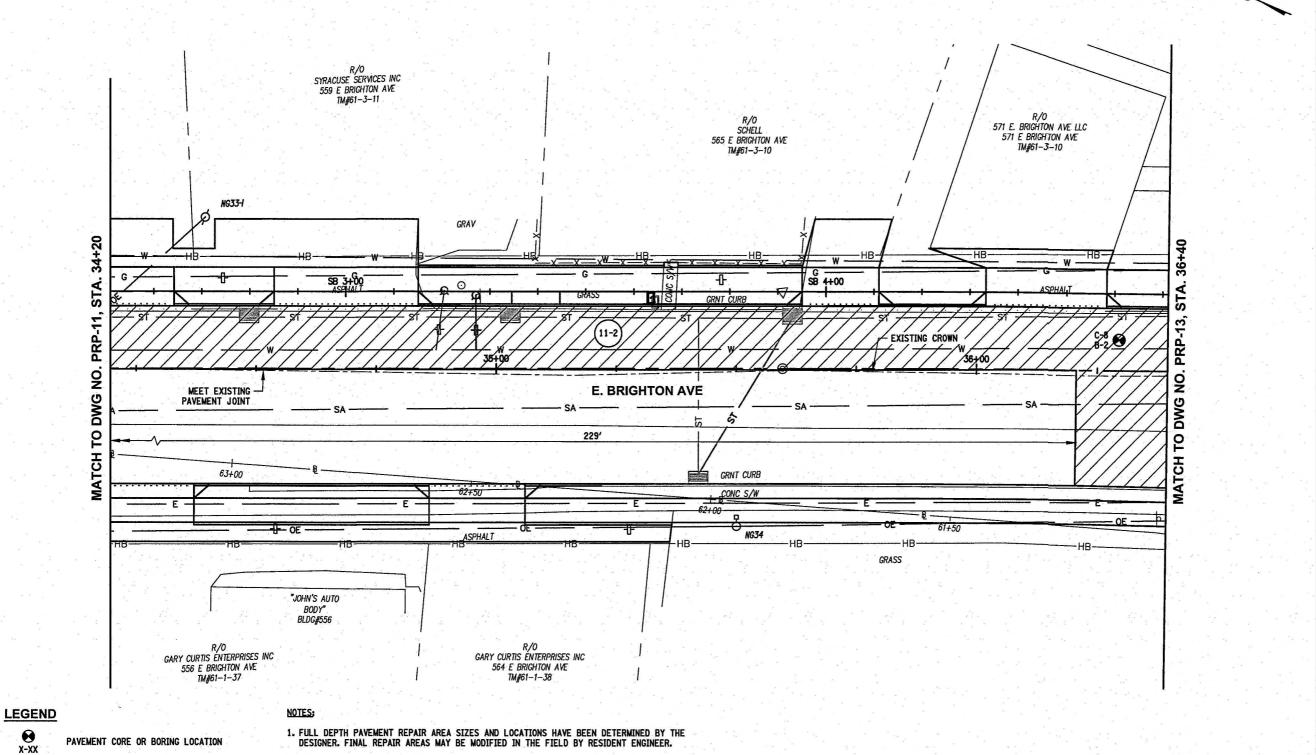
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PAVEMENT REPAIR PLAN

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PAVEMENT REPAIR PLAN

PRP-12

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2. SEE FULL DEPTH PAVEMENT REPAIR TABLE ON DWG MST-02 AND DETAILS ON DWG MSD-01.

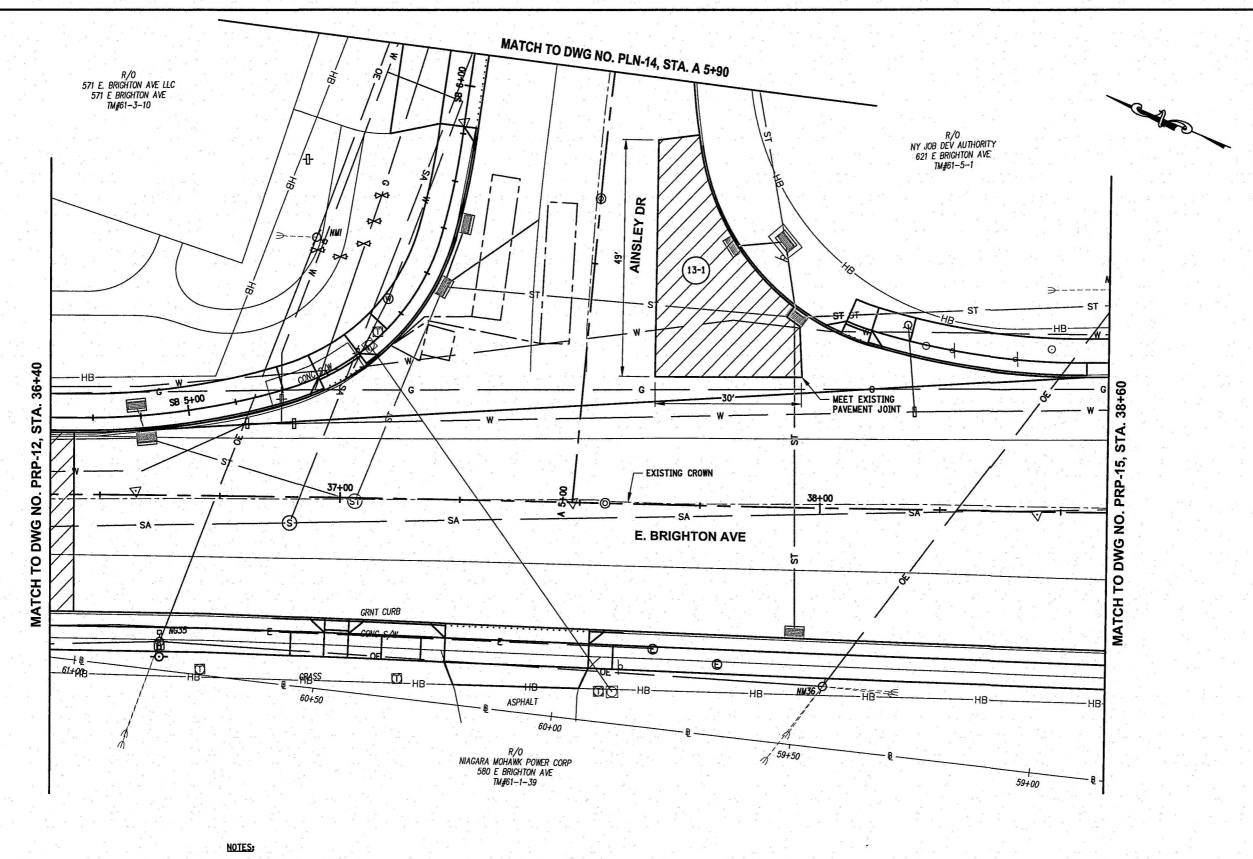
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X-XX

EXISTING WATER MAIN ROAD CUT

FULL DEPTH REPAIR AREA



X-XX

PAVEMENT CORE OR BORING LOCATION



FULL DEPTH REPAIR AREA



EXISTING WATER MAIN ROAD CUT

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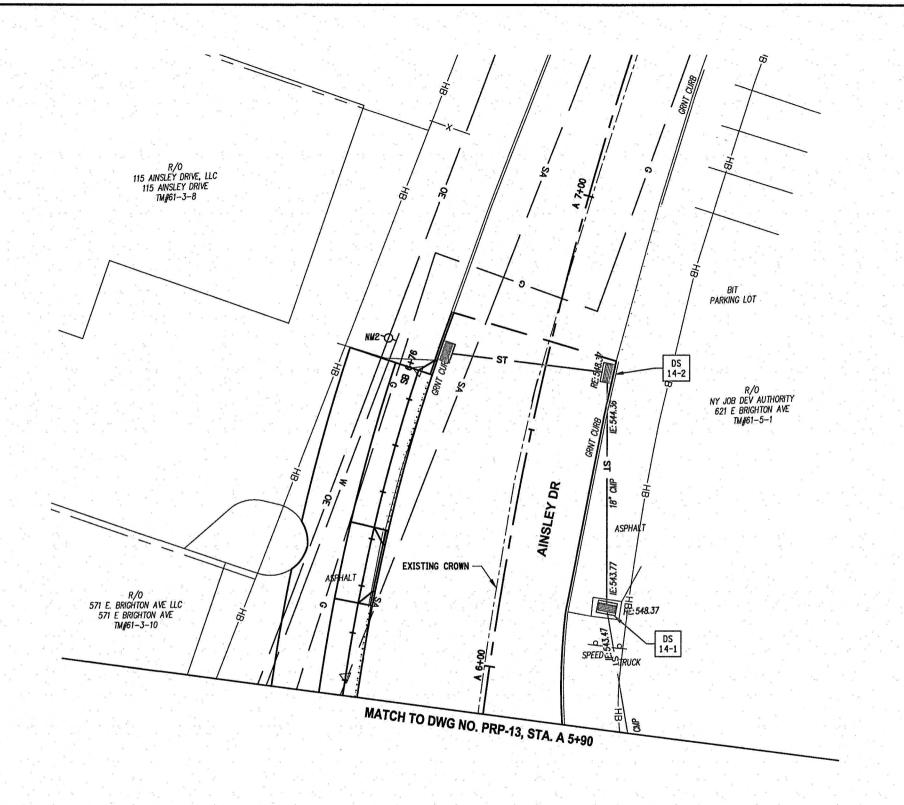
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PAVEMENT REPAIR **PLAN**

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PAVEMENT CORE OR BORING LOCATION



FULL DEPTH REPAIR AREA



EXISTING WATER MAIN ROAD CUT

NOTES:

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THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

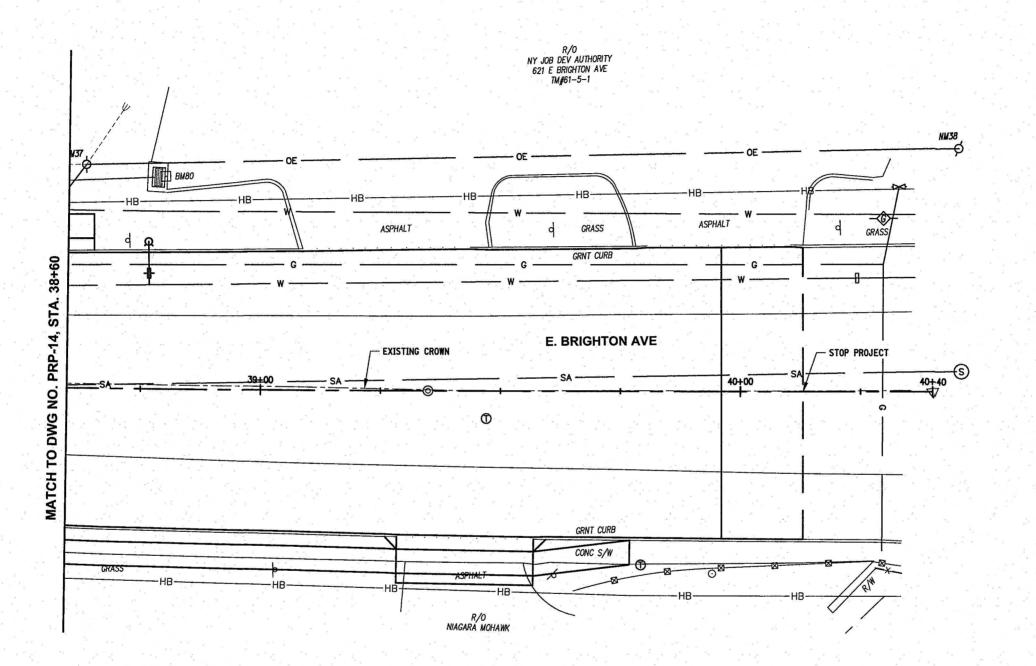
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PAVEMENT REPAIR PLAN

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PAVEMENT CORE OR BORING LOCATION



FULL DEPTH REPAIR AREA



EXISTING WATER MAIN ROAD CUT

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CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

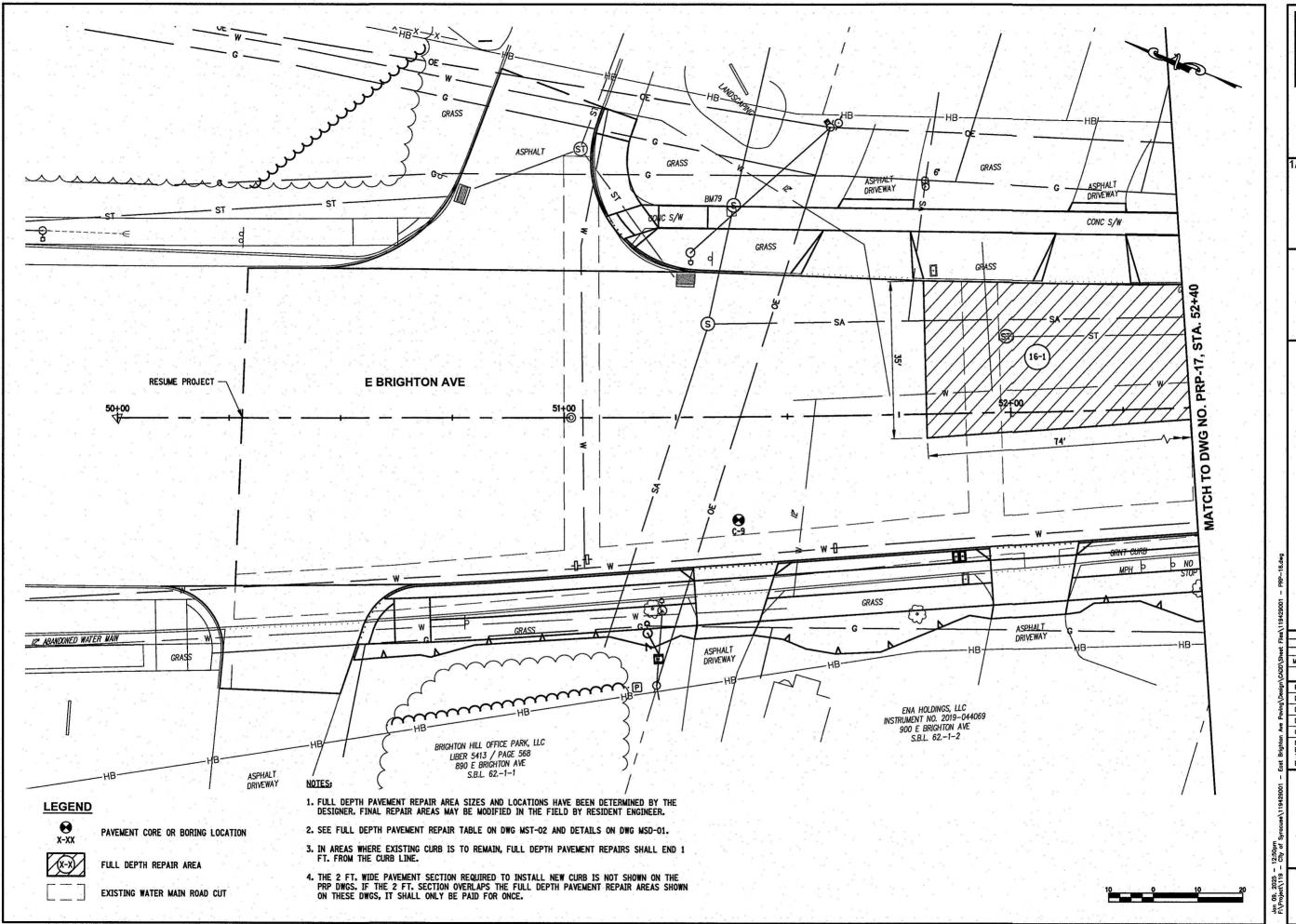
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PAVEMENT REPAIR **PLAN**

PRP-15



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THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

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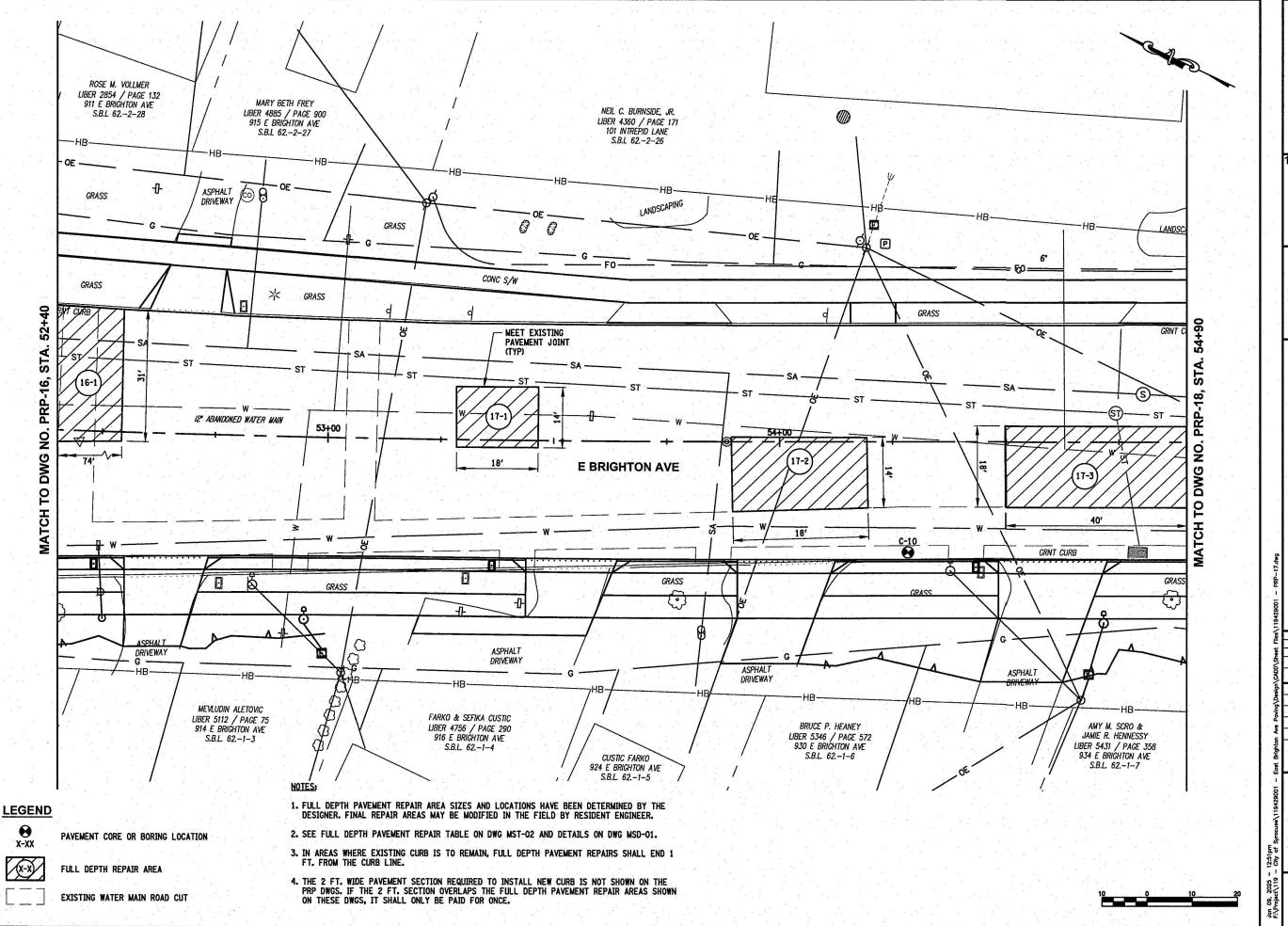
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> **PAVEMENT REPAIR PLAN**

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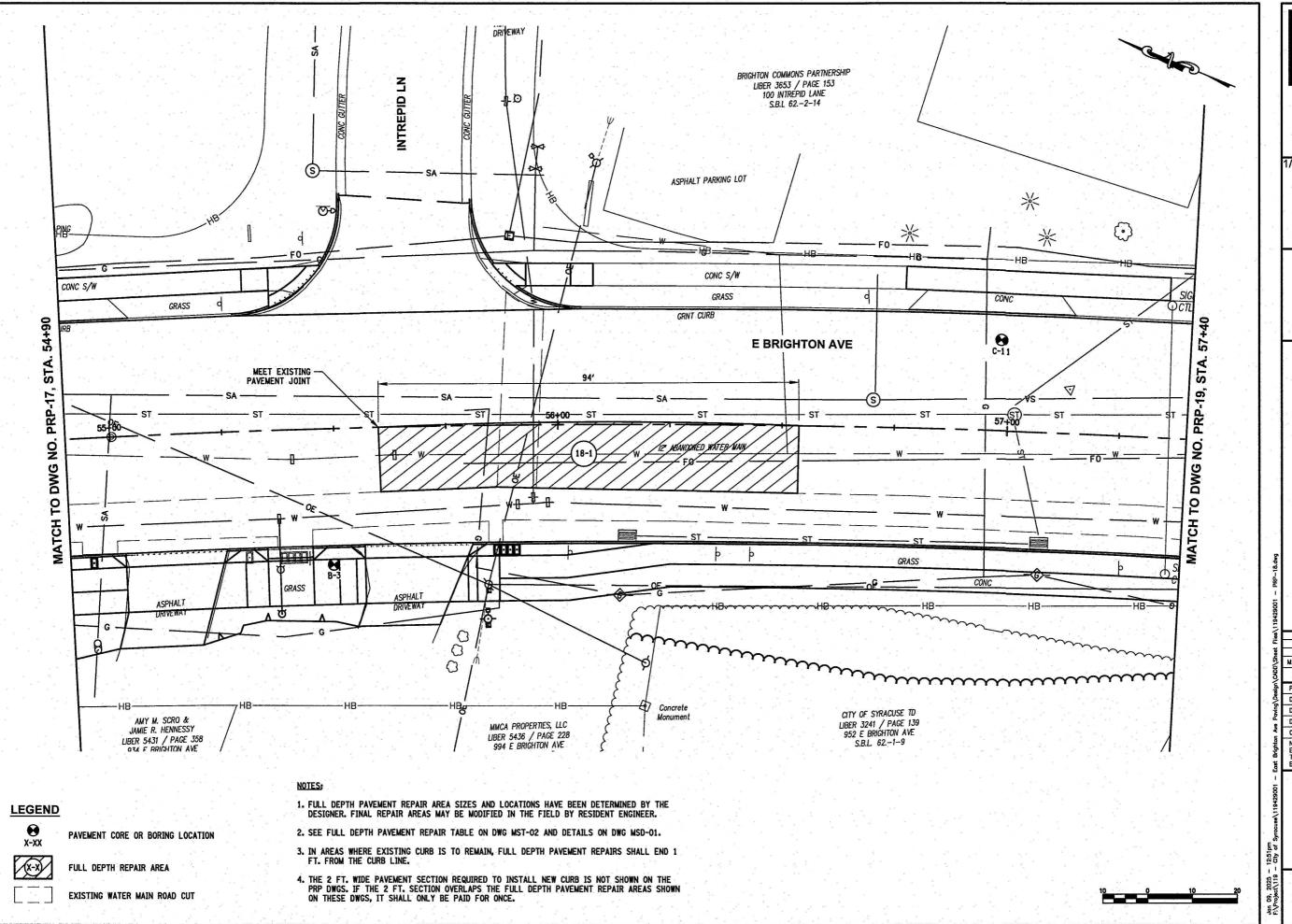
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> **PAVEMENT REPAIR** PLAN

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THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

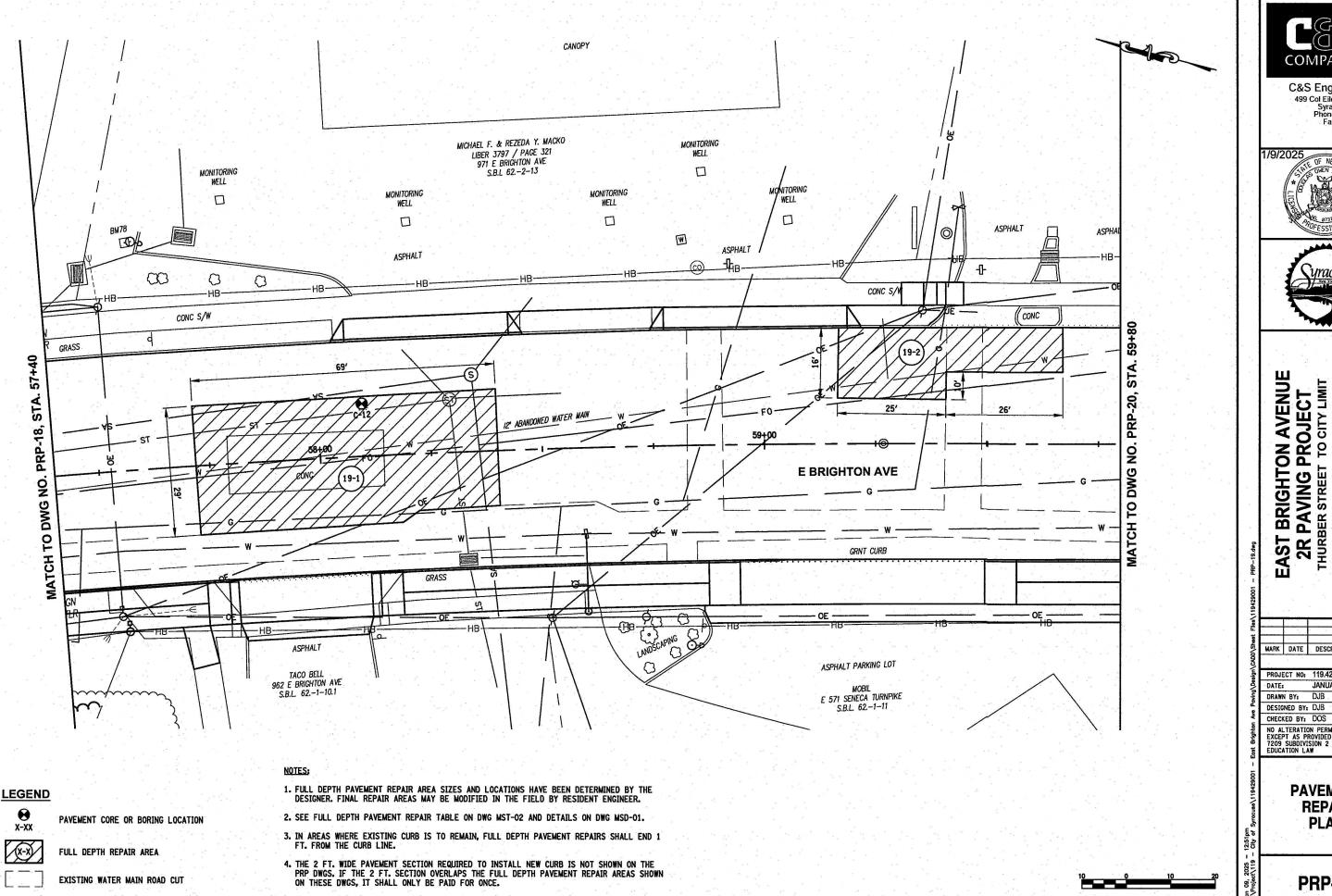
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PAVEMENT REPAIR PLAN

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DEPARTMENT OF ENGINEERING

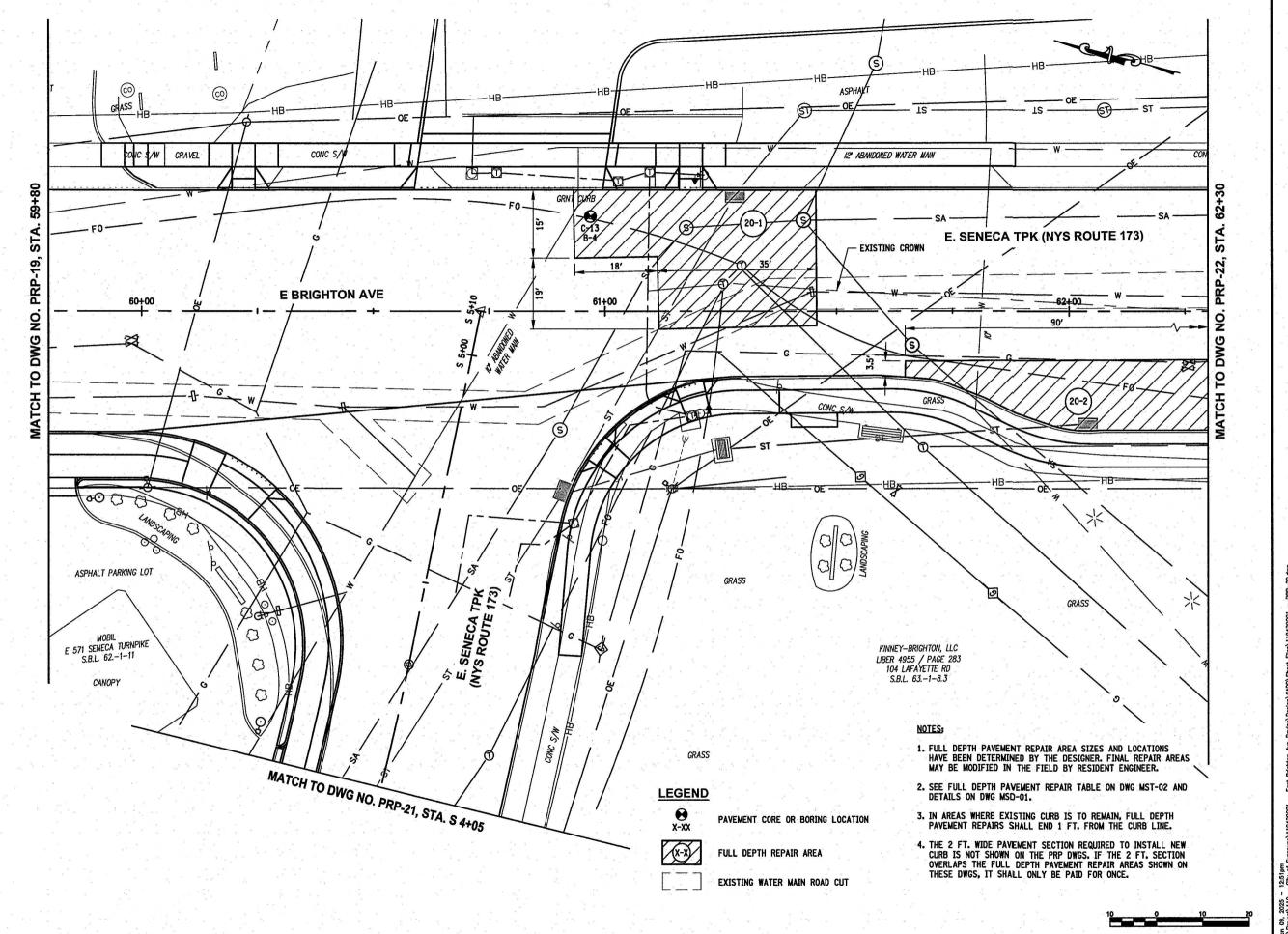
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PAVEMENT REPAIR **PLAN**

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2R PAVING PROJECT
THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

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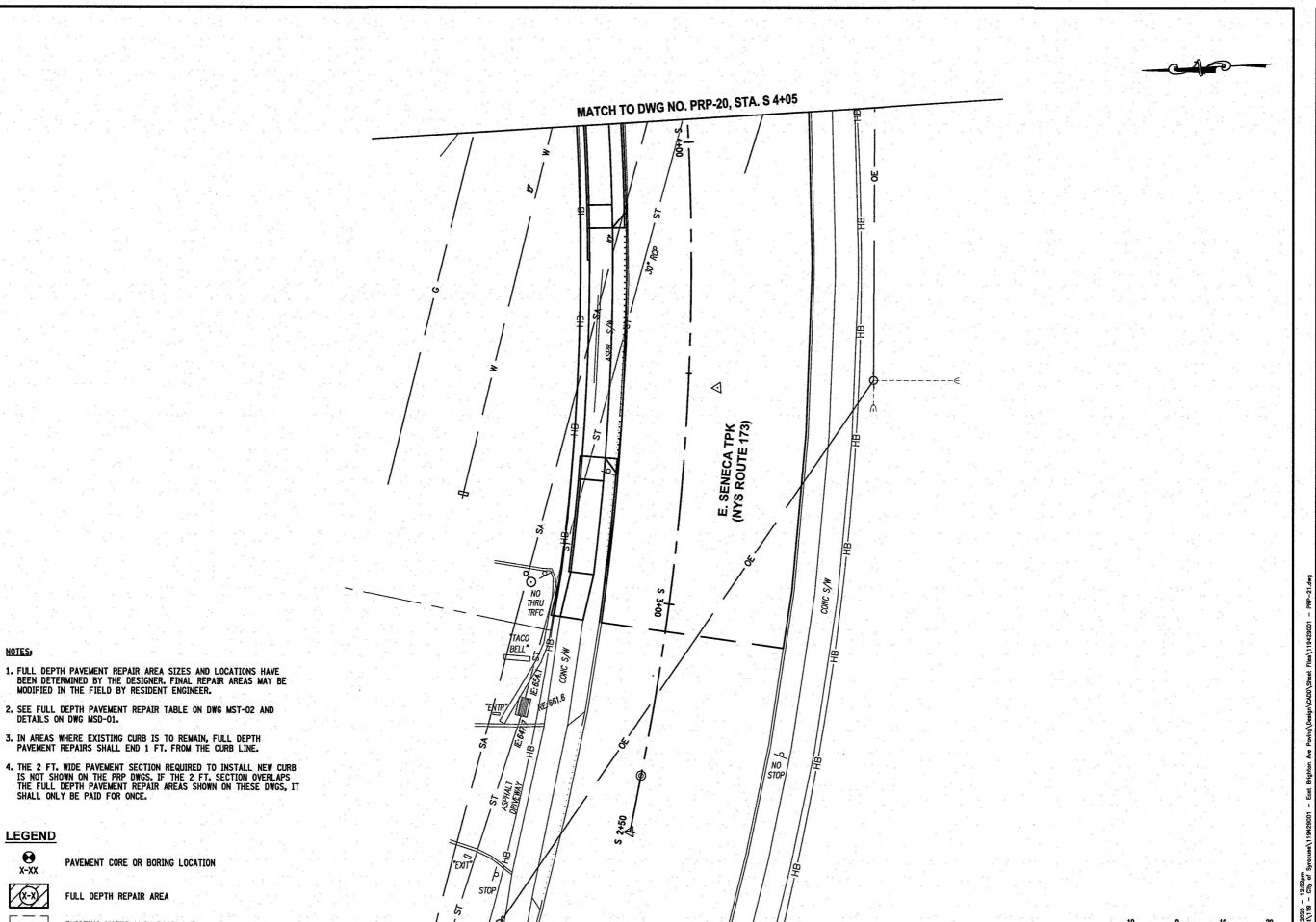
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PAVEMENT REPAIR PLAN

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CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

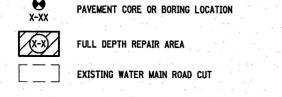
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PAVEMENT REPAIR **PLAN**

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FULL DEPTH PAVEMENT REPAIR AREA SIZES AND LOCATIONS HAVE BEEN DETERMINED BY THE DESIGNER. FINAL REPAIR AREAS MAY BE MODIFIED IN THE FIELD BY RESIDENT ENGINEER.

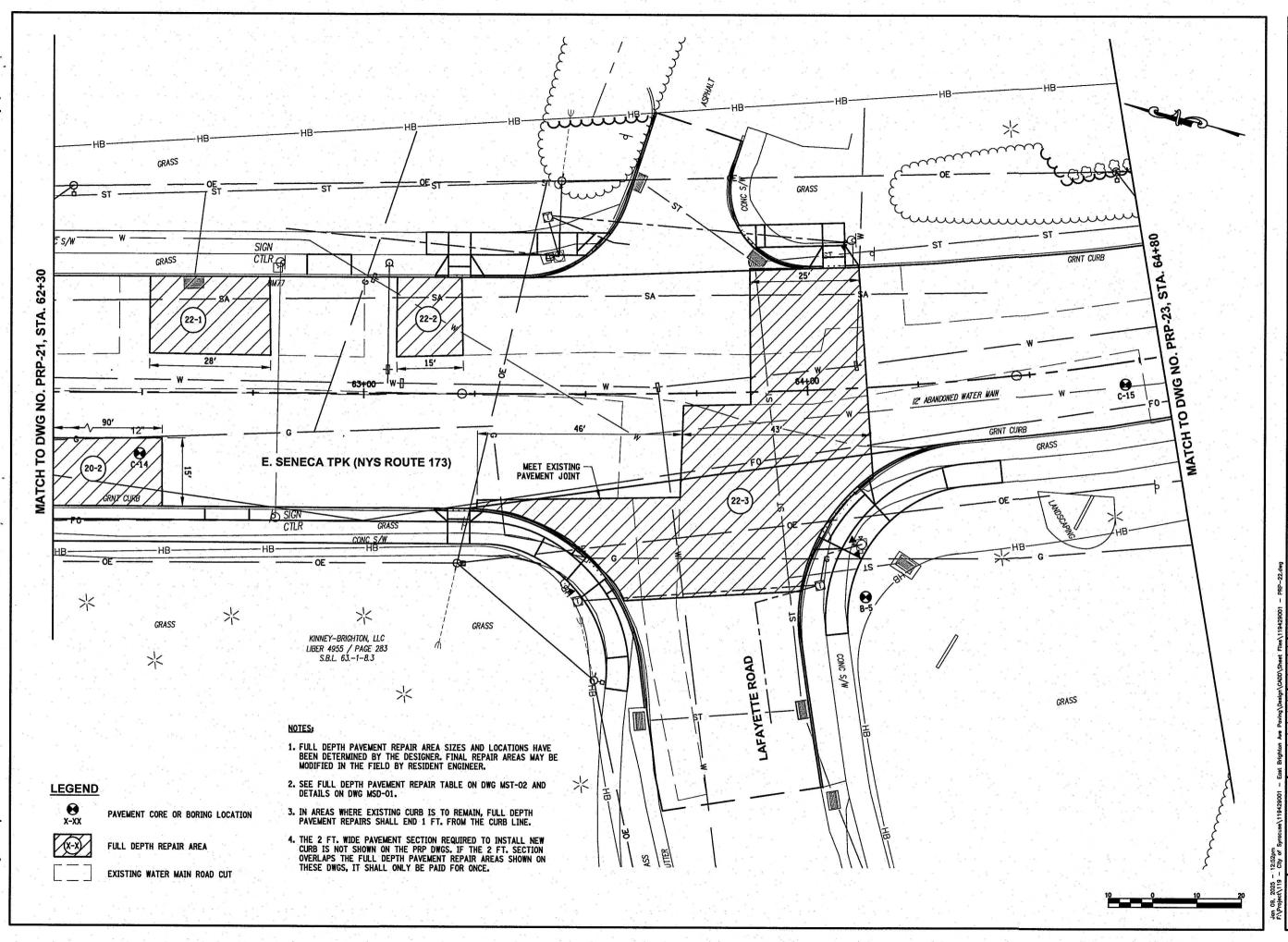
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SHALL ONLY BE PAID FOR ONCE.

NOTES:

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EAST BRIGHTON AVENUE
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THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

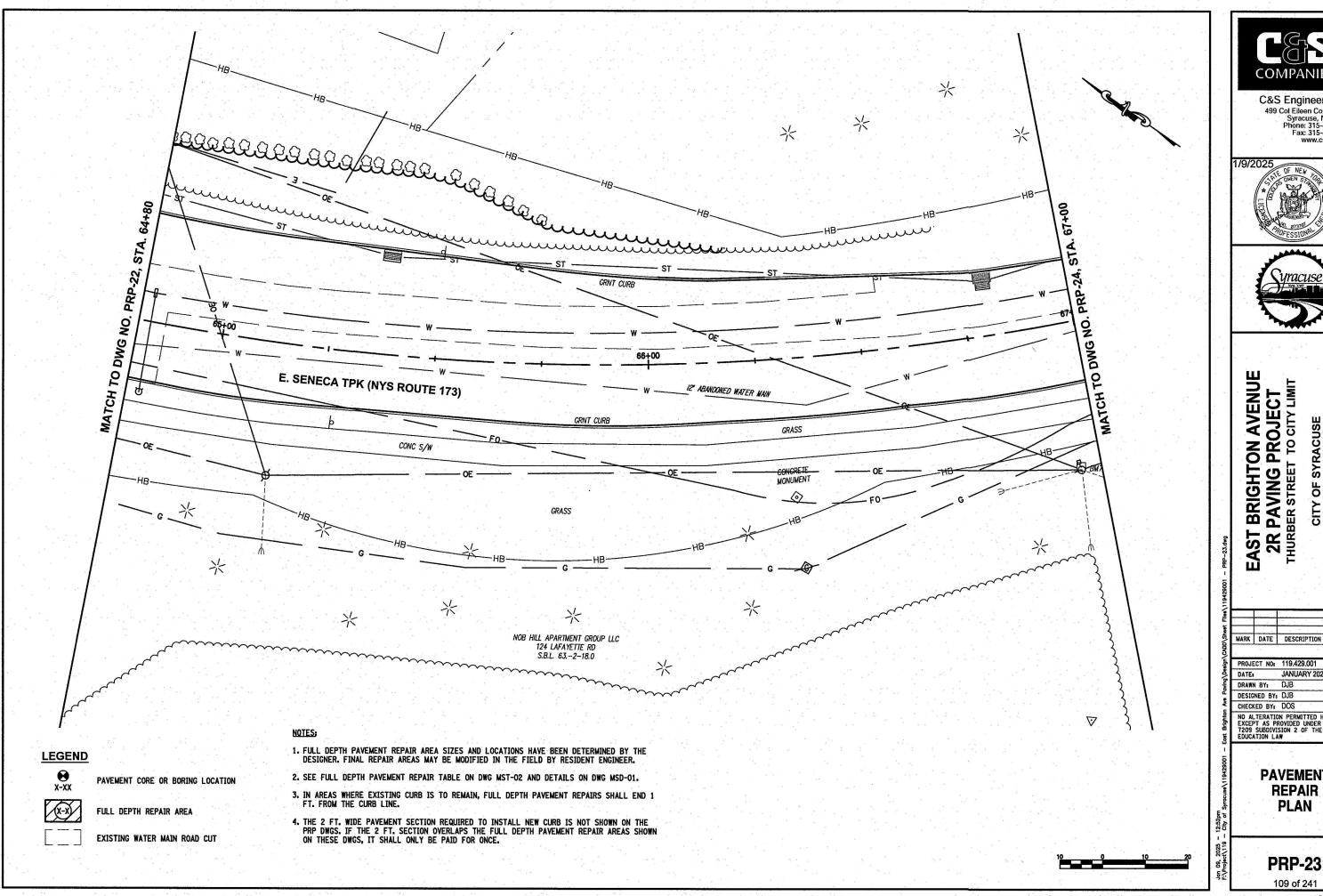
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PAVEMENT REPAIR PLAN

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EAST BRIGHTON AVENUE
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CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

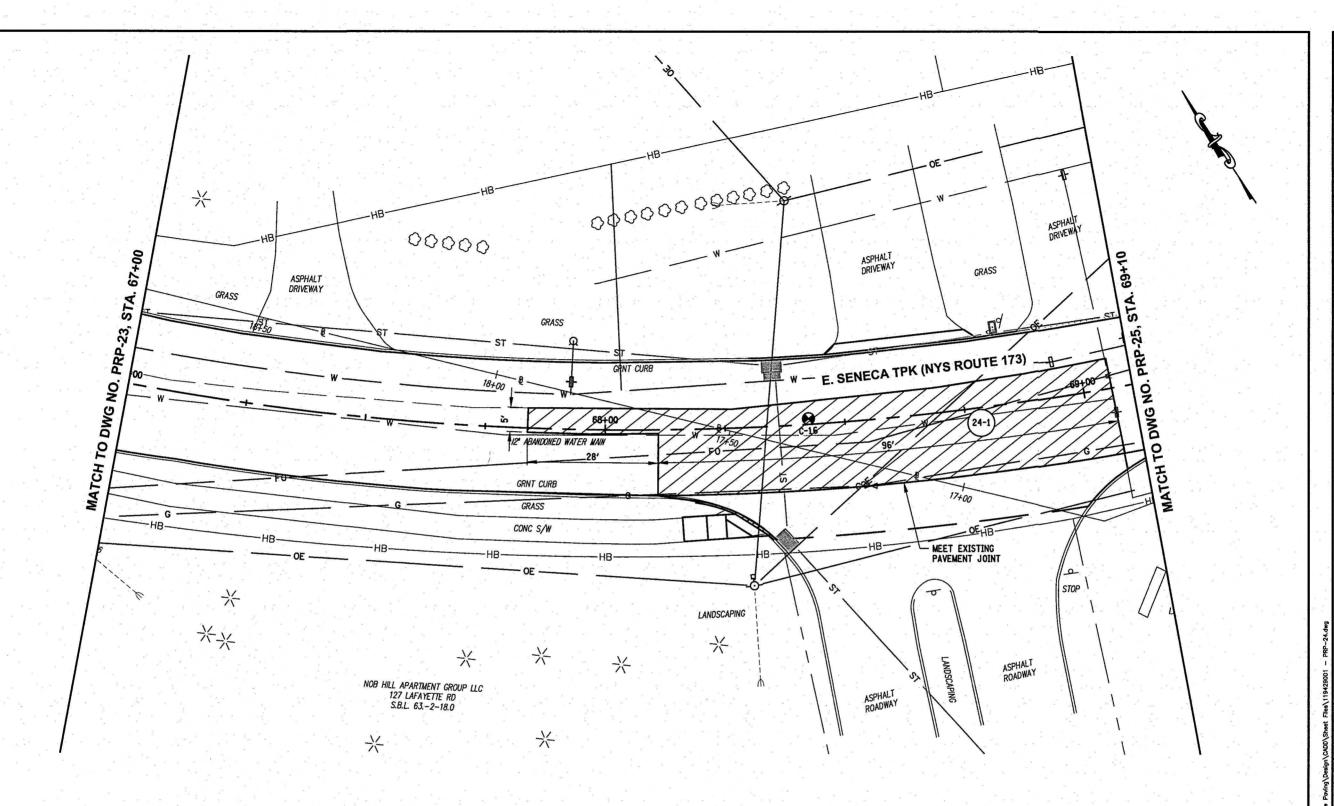
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PAVEMENT REPAIR PLAN

PRP-23

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PAVEMENT CORE OR BORING LOCATION



FULL DEPTH REPAIR AREA



EXISTING WATER MAIN ROAD CUT

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EAST BRIGHTON AVENUE
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DEPARTMENT OF ENGINEERING

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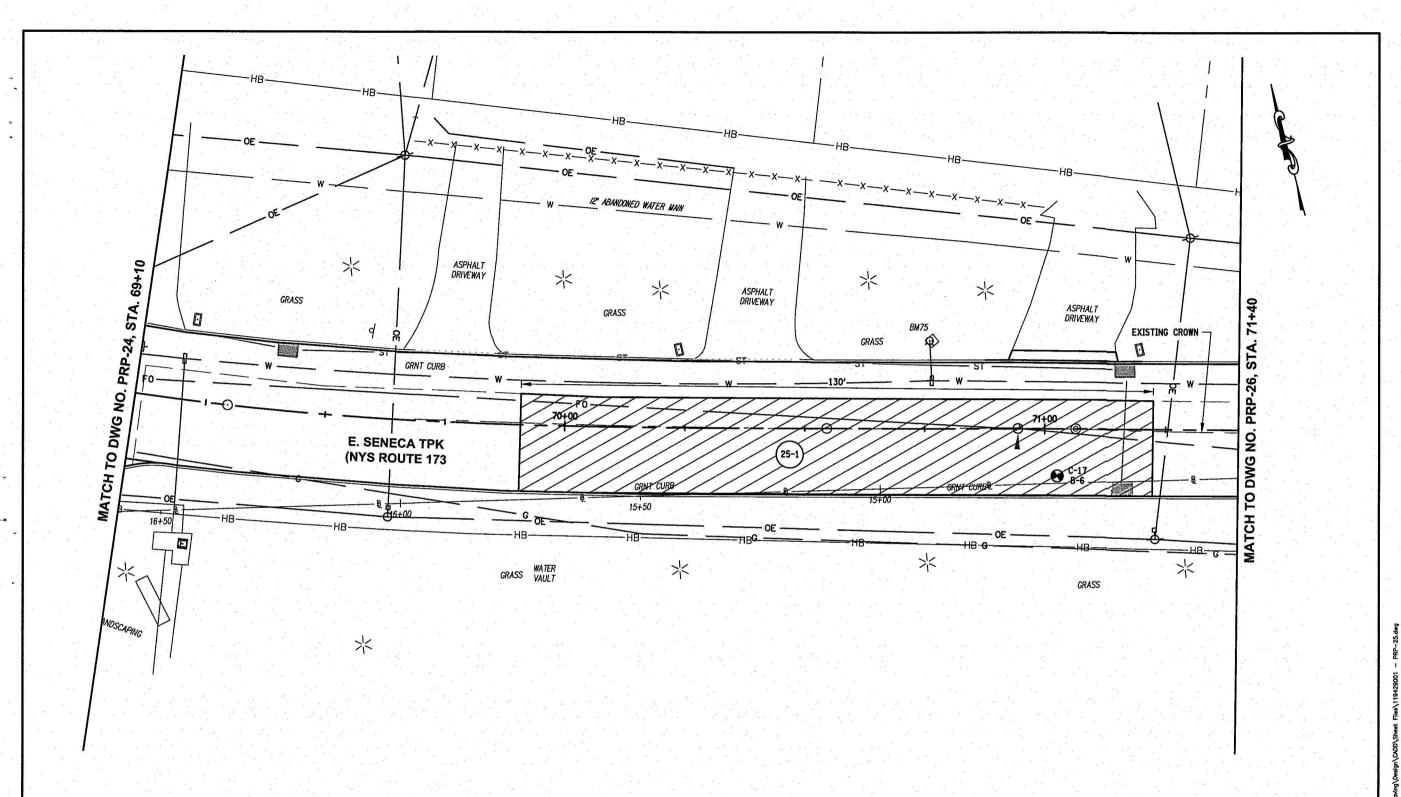
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PAVEMENT REPAIR PLAN

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NOTES:

LEGEND

PAVEMENT CORE OR BORING LOCATION



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FULL DEPTH REPAIR AREA



EXISTING WATER MAIN ROAD CUT

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- 2. SEE FULL DEPTH PAVEMENT REPAIR TABLE ON DWG MST-02 AND DETAILS ON DWG MSD-01.
- 3. IN AREAS WHERE EXISTING CURB IS TO REMAIN, FULL DEPTH PAVEMENT REPAIRS SHALL END 1 FT. FROM THE CURB LINE.
- 4. THE 2 FT. WIDE PAVEMENT SECTION REQUIRED TO INSTALL NEW CURB IS NOT SHOWN ON THE PRP DWGS. IF THE 2 FT. SECTION OVERLAPS THE FULL DEPTH PAVEMENT REPAIR AREAS SHOWN ON THESE DWGS, IT SHALL ONLY BE PAID FOR ONCE.



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2R PAVING PROJECT THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

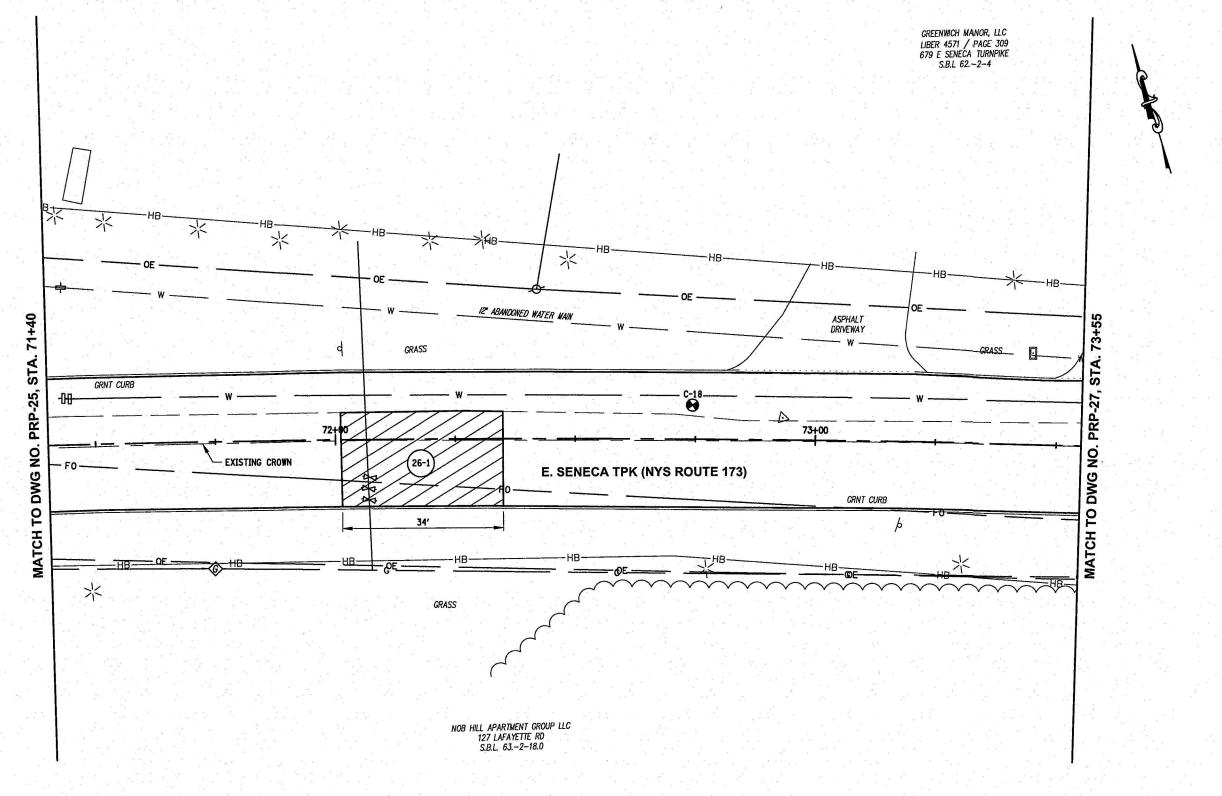
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PAVEMENT REPAIR PLAN

PRP-25



PAVEMENT CORE OR BORING LOCATION



X-XX



EXISTING WATER MAIN ROAD CUT

FULL DEPTH REPAIR AREA

- 4. THE 2 FT. WIDE PAVEMENT SECTION REQUIRED TO INSTALL NEW CURB IS NOT SHOWN ON THE PRP DWGS. IF THE 2 FT. SECTION OVERLAPS THE FULL DEPTH PAVEMENT REPAIR AREAS SHOWN ON THESE DWGS, IT SHALL ONLY BE PAID FOR ONCE.



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PAVEMENT REPAIR **PLAN**

PRP-26

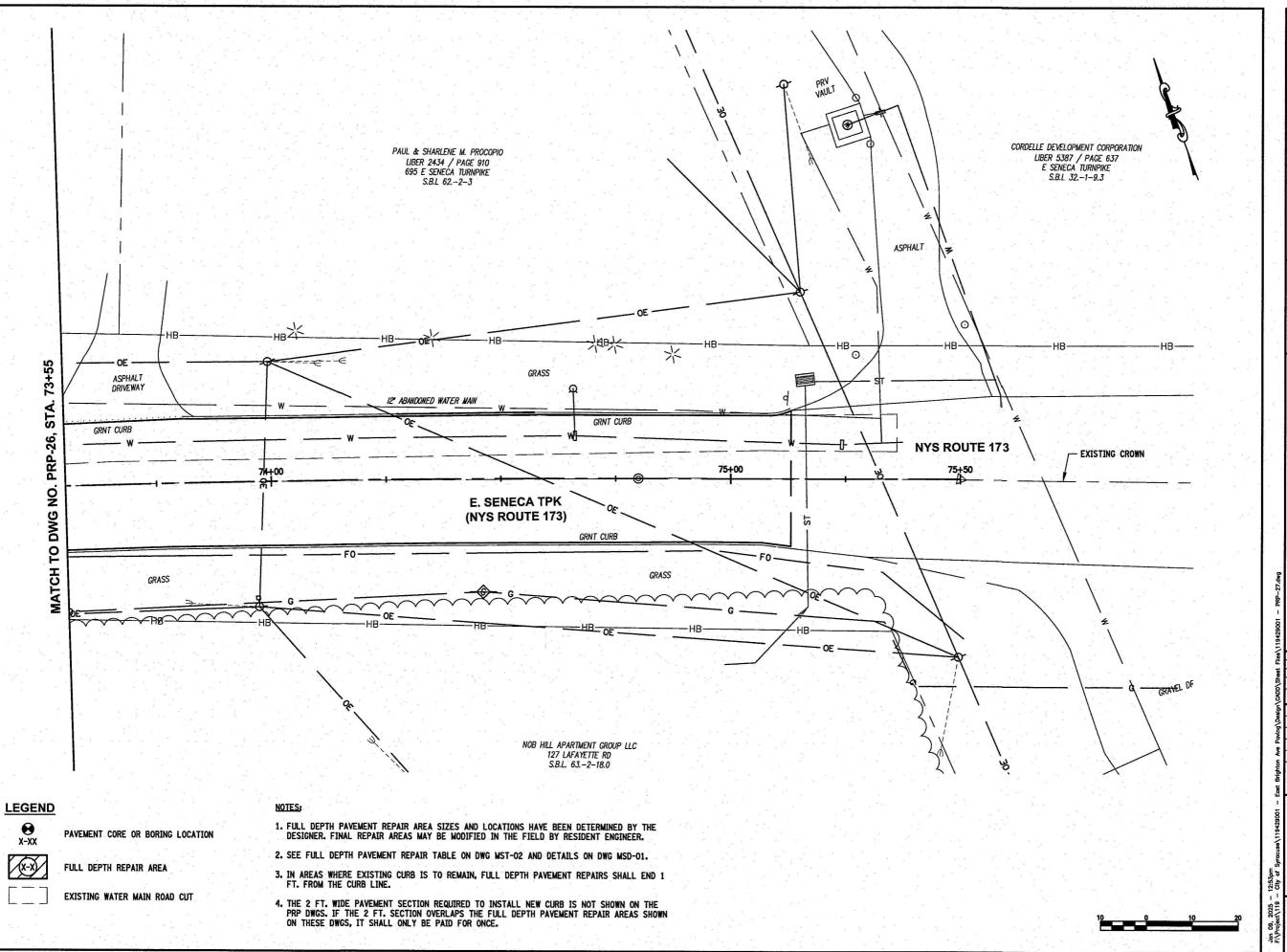
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EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT DATE

1. FULL DEPTH PAVEMENT REPAIR AREA SIZES AND LOCATIONS HAVE BEEN DETERMINED BY THE DESIGNER. FINAL REPAIR AREAS MAY BE MODIFIED IN THE FIELD BY RESIDENT ENGINEER.

2. SEE FULL DEPTH PAVEMENT REPAIR TABLE ON DWG MST-02 AND DETAILS ON DWG MSD-01.

3. IN AREAS WHERE EXISTING CURB IS TO REMAIN, FULL DEPTH PAVEMENT REPAIRS SHALL END 1 FT. FROM THE CURB LINE.





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EAST BRIGHTON AVENUE
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THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
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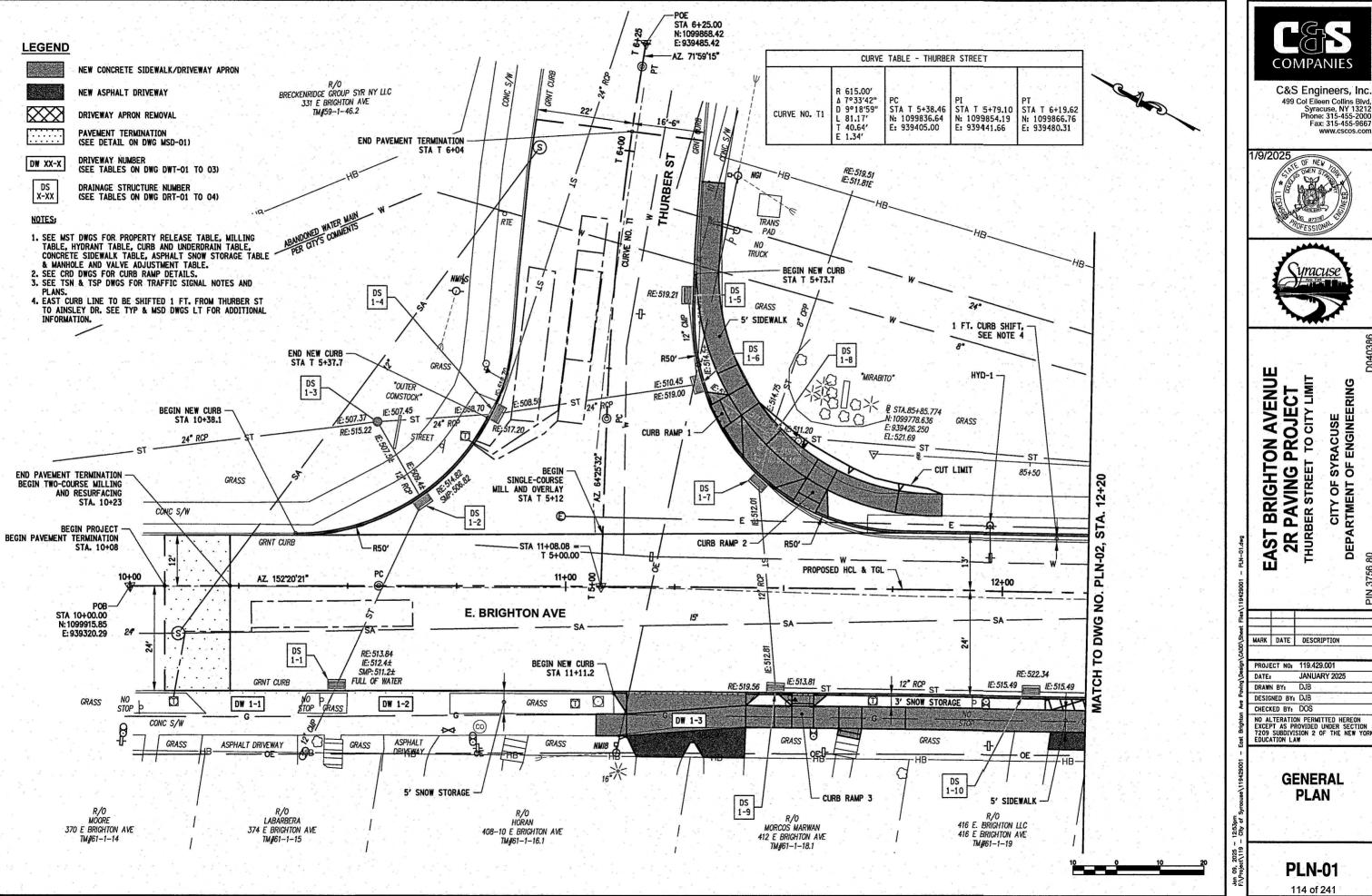
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PAVEMENT REPAIR **PLAN**

PRP-27

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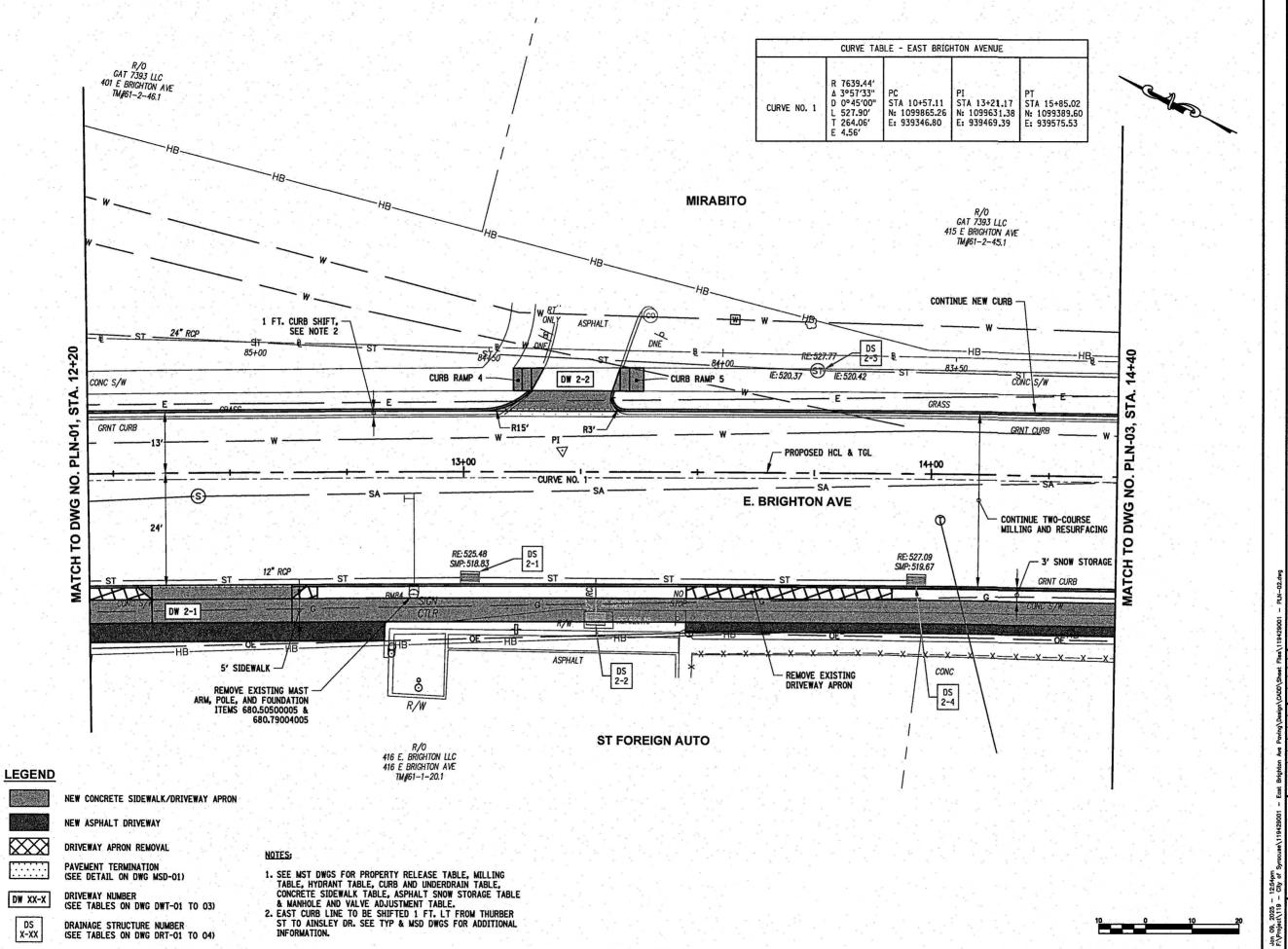


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PROJECT NO: 119.429.001 JANUARY 2025

> **GENERAL PLAN**

PLN-01





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EAST BRIGHTON AVENUE
2R PAVING PROJECT
THURBER STREET TO CITY LIMIT CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

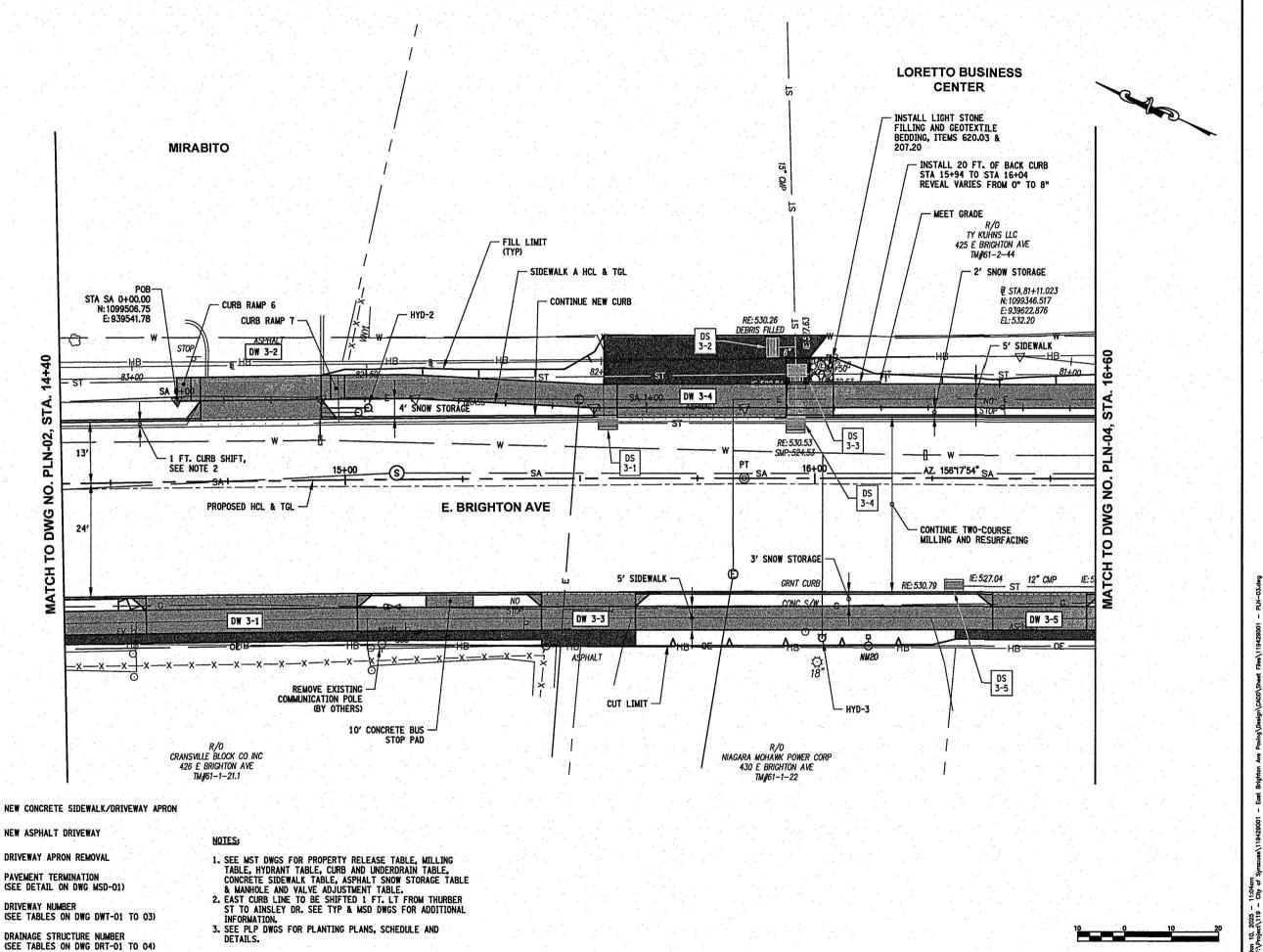
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GENERAL PLAN

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DW XX-X

DS X-XX

COMPANIES

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EAST BRIGHTON AVENUI 2R PAVING PROJECT THURBER STREET TO CITY LIMIT

CITY OF SYRACUSE
DEPARTMENT OF ENGINEERING

MARK DATE DESCRIPTION PROJECT NO: 119.429.001 JANUARY 2025 DATE

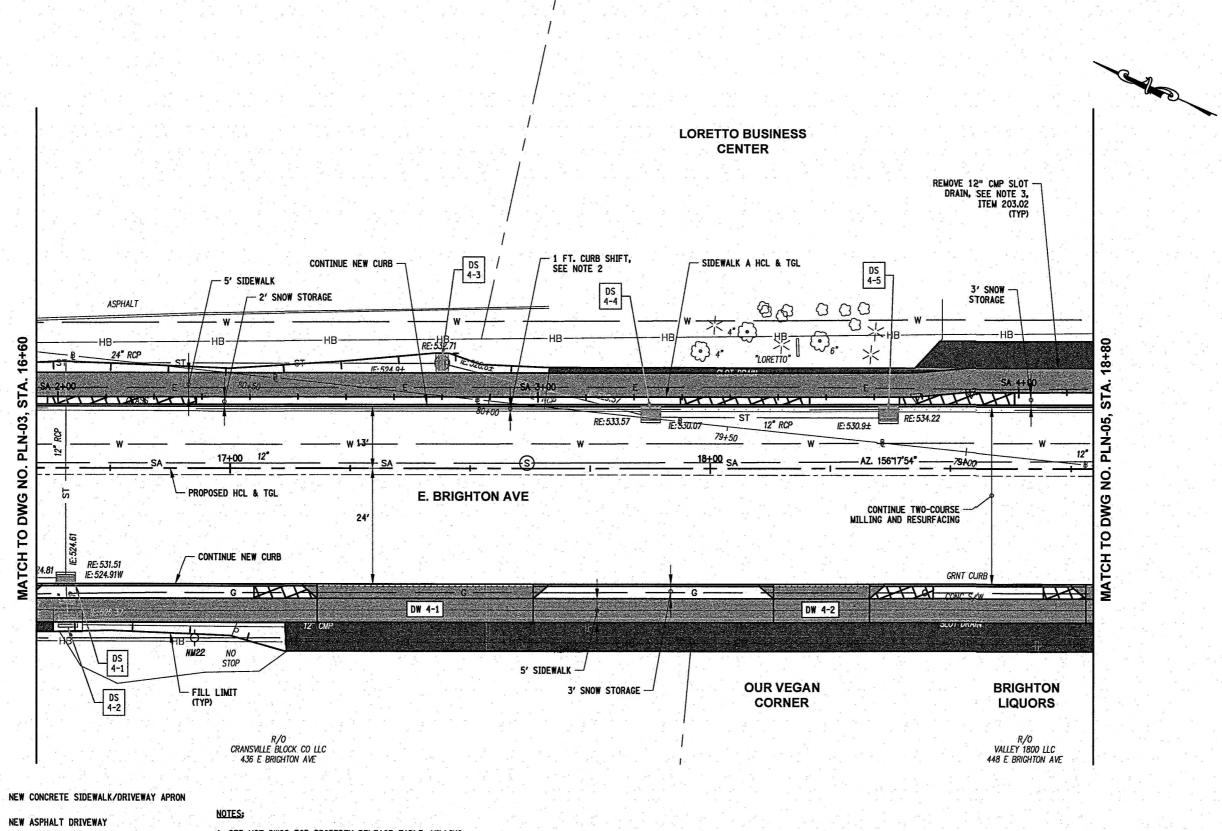
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GENERAL PLAN

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DRIVEWAY APRON REMOVAL PAVEMENT TERMINATION (SEE DETAIL ON DWG MSD-01)



(SEE TABLES ON DWG DWT-01 TO 03)



DW XX-X

DRAINAGE STRUCTURE NUMBER (SEE TABLES ON DWG DRT-01 TO 04)

- 1. SEE MST DWGS FOR PROPERTY RELEASE TABLE, MILLING TABLE, HYDRANT TABLE, CURB AND UNDERDRAIN TABLE, CONCRETE SIDEWALK TABLE, ASPHALT SNOW STORAGE TABLE & MANHOLE AND VALVE ADJUSTMENT TABLE.

 2. EAST CURB LINE TO BE SHIFTED 1 FT. LT FROM THURBER ST TO AINSLEY DR. SEE TYP & MSD DWGS FOR ADDITIONAL INFORMATION.
- 3. SEE DWG. DRD-01 FOR "REMOVAL OF EXISTING SLOT DRAIN"
- DETAIL.
 4. SEE PLP DWGS FOR PLANTING PLANS, SCHEDULE AND DETAILS.



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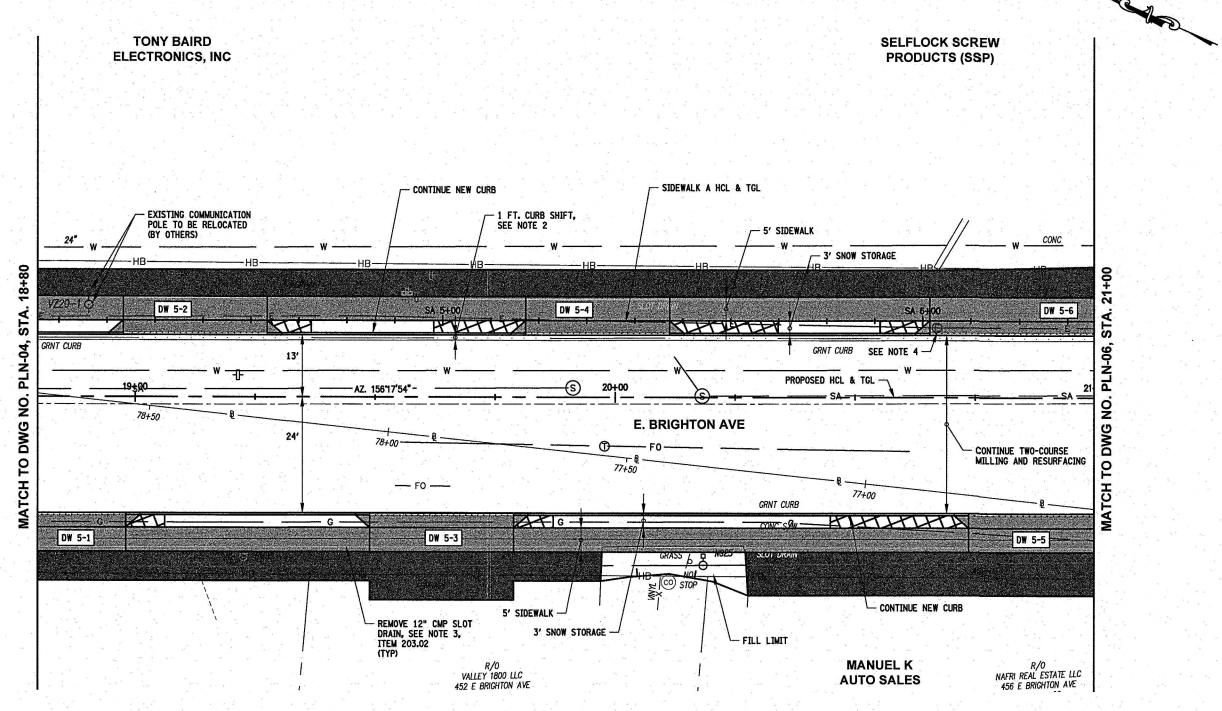
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GENERAL PLAN

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NEW CONCRETE SIDEWALK/DRIVEWAY APRON

NEW ASPHALT DRIVEWAY

DRIVEWAY APRON REMOVAL

PAVEMENT TERMINATION (SEE DETAIL ON DWG MSD-01)

DRIVEWAY NUMBER (SEE TABLES ON DWG DWT-01 TO 03)

DS X-XX

DW XX-X

DRAINAGE STRUCTURE NUMBER (SEE TABLES ON DWG DRT-01 TO 04)

NOTES:

- 1. SEE MST DWGS FOR PROPERTY RELEASE TABLE, MILLING TABLE, HYDRANT TABLE, CURB AND UNDERDRAIN TABLE, CONCRETE SIDEWALK TABLE, ASPHALT SNOW STORAGE TABLE & MANHOLE AND VALVE ADJUSTMENT TABLE.

 2. EAST CURB LINE TO BE SHIFTED 1 FT. LT FROM THURBER ST TO AUDIENCE DRAFFORMATION.
- INFORMATION.
 3. SEE DWG. DRD-01 FOR "REMOVAL OF EXISTING SLOT DRAIN" DETAIL.
- 4. DROP CURB AT DW 5-5 MAY INTERFERE WITH ELECTRIC MANHOLE IF A GAP IN THE CURB IS REQUIRED TO AVOID THE MANHOLE IT SHALL BE FILLED WITH CONCRETE. ANY VERTICAL ADJUSTMENTS SHALL BE MADE BY THE RESPECTIVE UTILITY OWNER.



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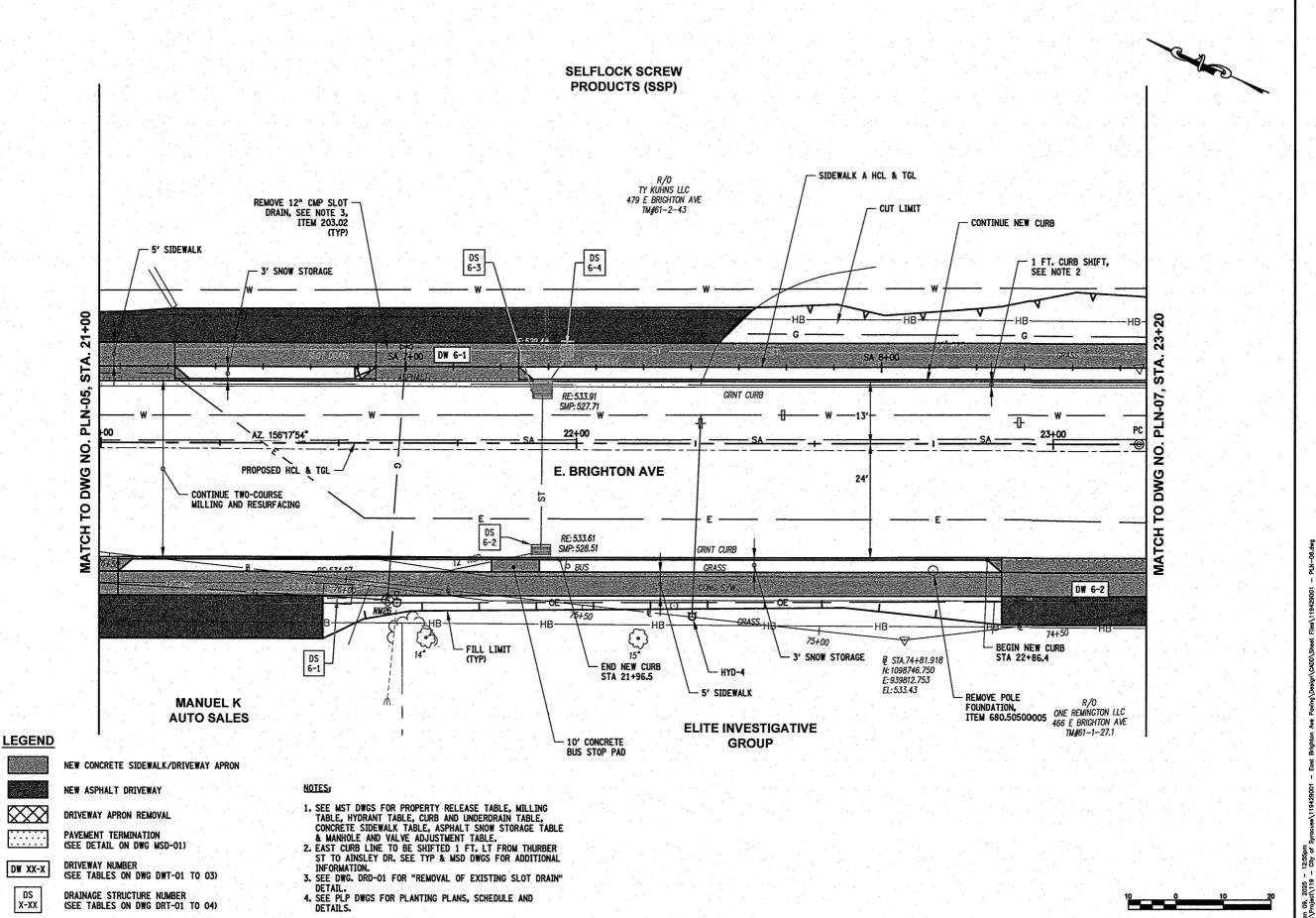
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> **GENERAL PLAN**

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(SEE TABLES ON DWG DWT-01 TO 03) DRAINAGE STRUCTURE NUMBER (SEE TABLES ON DWG DRT-01 TO 04)

DS

X-XX

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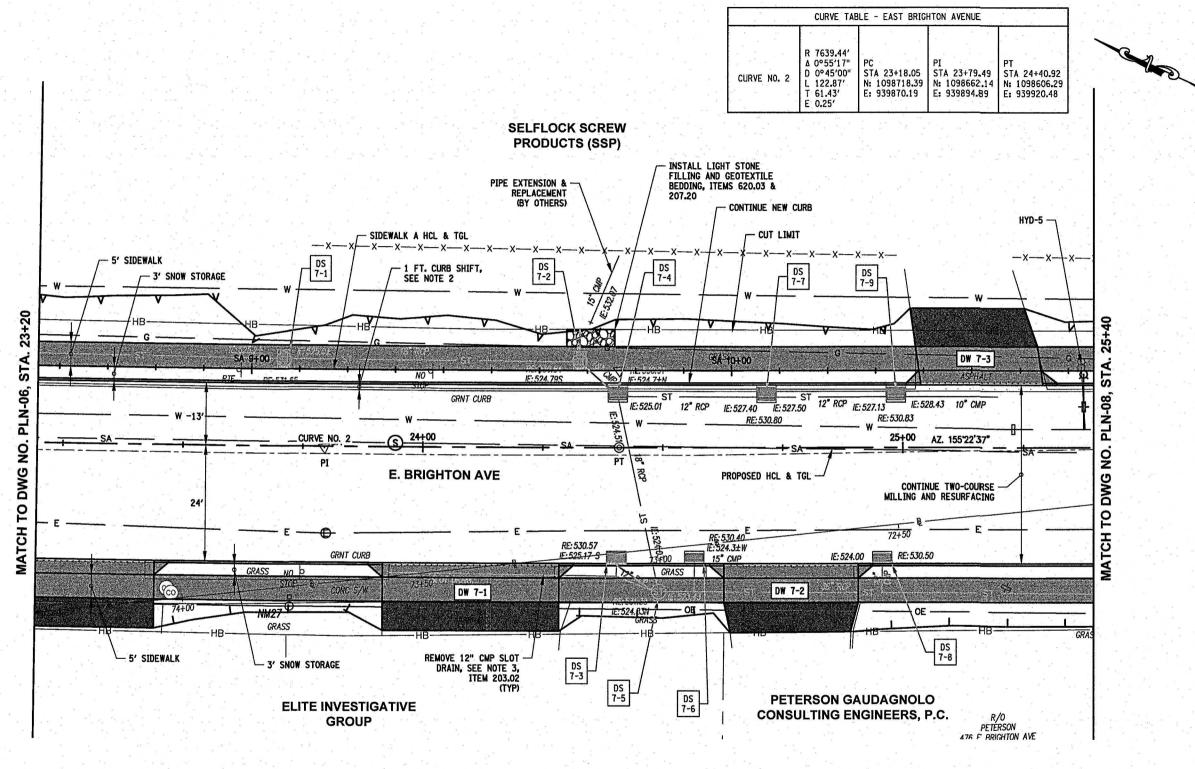
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> **GENERAL PLAN**

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NEW CONCRETE SIDEWALK/DRIVEWAY APRON

NEW ASPHALT DRIVEWAY

DRIVEWAY APRON REMOVAL

PAVEMENT TERMINATION (SEE DETAIL ON DWG MSD-01)

DW XX-X

DRIVEWAY NUMBER (SEE TABLES ON DWG DWT-01 TO 03)

DS X-XX

DRAINAGE STRUCTURE NUMBER (SEE TABLES ON DWG DRT-01 TO 04)

1. SEE MST DWGS FOR PROPERTY RELEASE TABLE, MILLING TABLE, HYDRANT TABLE, CURB AND UNDERDRAIN TABLE, CONCRETE SIDEWALK TABLE, ASPHALT SNOW STORAGE TABLE

& MANHOLE AND VALVE ADJUSTMENT TABLE.
2. EAST CURB LINE TO BE SHIFTED 1 FT. LT FROM THURBER ST TO AINSLEY DR. SEE TYP & MSD DWGS FOR ADDITIONAL

SEE DWG. DRD-01 FOR "REMOVAL OF EXISTING SLOT DRAIN" DETAIL.

4. SEE PLP DWGS FOR PLANTING PLANS, SCHEDULE AND DETAILS.



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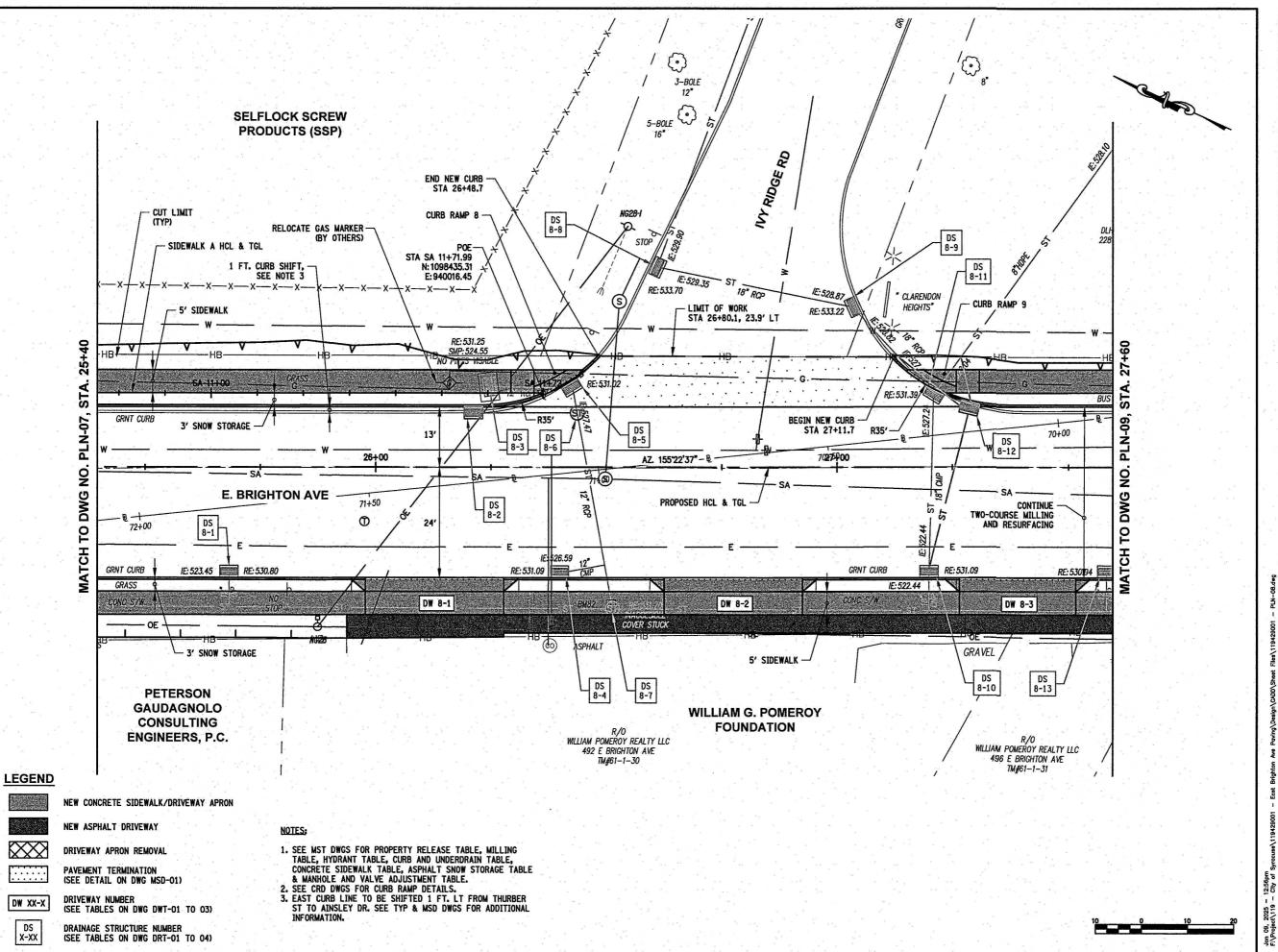
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GENERAL PLAN

PLN-07

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DW XX-X

X-XX

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