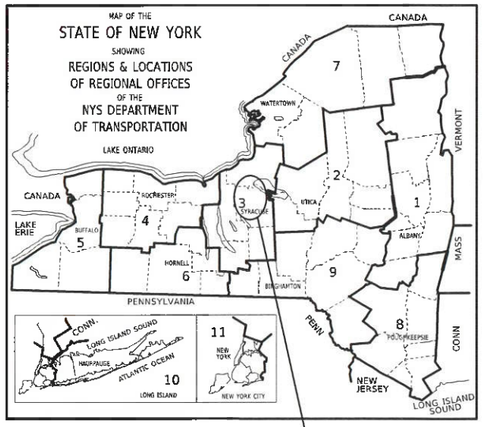
D265304



NEW YORK STATE OF OPPORTUNITY. | **Department of Transportation**

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

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (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 GUIDELINES AND THE FINAL DESIGN REPORT APPROVED ON 10/20/2023.

CONTRACT DRAWINGS FOR

ROUTE 481 NB OFF RAMP AT CIRCLE DRIVE

SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS

TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

P.I.N. 3043.69 F.A. PROJECT ONONDAGA COUNTY

CONTRACTOR'S NAME _____

AWARD DATE _____

COMPLETION DATE _____

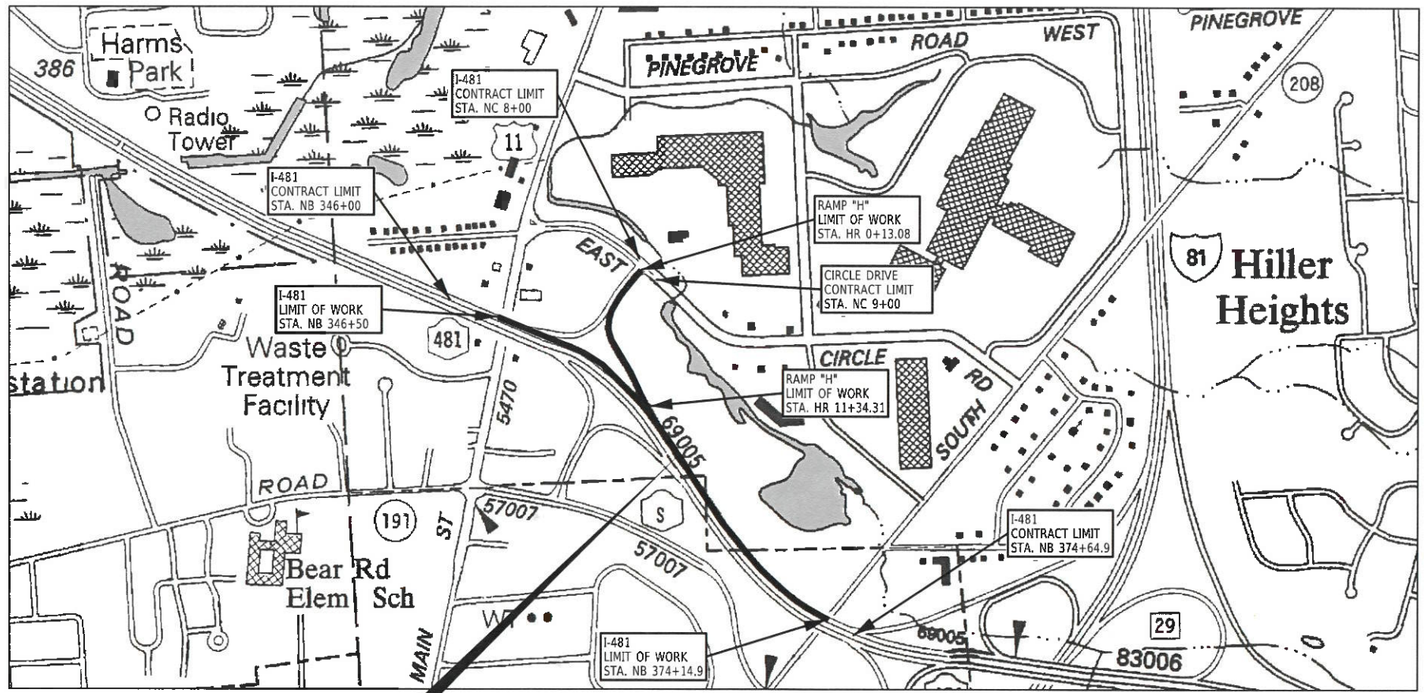
FINAL ACCEPTANCE DATE _____

REGIONAL DIRECTOR _____

ENGINEER IN CHARGE _____

FINAL COST TOTAL _____

FISCAL SHARE COST(S)



PROJECT LOCATION

PREPARED AND RECOMMENDED BY:

6/21/2024

ERDMAN ANTHONY
PAUL J. PRESUTTI
N.Y.S. P.E. LIC. NO. 075463

DATE

GreenLITES CERTIFIED

CERTIFICATION PENDING VERIFICATION

ROUTE 481 NORTHBOUND OFF-RAMP AT	
CIRCLE DRIVE SAFETY IMPROVEMENTS	
AND ROUTE 481 BARRIER IMPROVEMENTS	
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE	
COUNTY: ONONDAGA	
FED. ROAD REG. NO.	STATE / SHEET NO.
1	N.Y. / 1
CAPITAL PROJECT IDENTIFICATION NO.	P.I.N. 3043.69

INDEX ON SHEET NO. 2

RECOMMENDED BY

06-24-2024

REGIONAL DESIGN ENGINEER
MICHAEL R. WASHBURN, P.E.

DATE

RECOMMENDED BY

6/27/24

REGIONAL CONSTRUCTION ENGINEER
ROBERT W. RUGG, P.E.

DATE

RECOMMENDED BY

6-27-24

REGIONAL DIRECTOR OF OPERATIONS
ERIC J. BUCK, P.E.

DATE

RECOMMENDED BY

6/27/2024

REGIONAL TRAFFIC ENGINEER
SCOTT R. BATES, P.E.

DATE

APPROVED BY

6/27/2024

REGIONAL DIRECTOR
DAVID P. SMITH

DATE

PP Robert Rugg, PE
Regional Construction Engineer

D265304

D265304

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN S. BEAMAN | CHECK A. BLACKMON | PROJECT MANAGER P. PRESUTTI | DRAFTING W. MCCORMICK | CHECK | USER | DATE/TIME = DGNSSYTIME01234567 | FILE NAME =

ALIGNMENT	
ABBR.	DESCRIPTION
AH	AHEAD
AZ	AZIMUTH
BK	BACK
B	BASELINE
BRG	BEARING
℄	CENTERLINE
CS	CURVE TO SPIRAL
e	SUPERELEVATION RATE (CROSS SLOPE)
EQ	EQUALITY
EXT	EXTERNAL
HCL	HORIZONTAL CONTROL LINE
HSD	HEADLIGHT SIGHT DISTANCE
L	LENGTH OF CIRCULAR CURVE
LS	LENGTH OF SPIRAL
LVC	LENGTH OF VERTICAL CURVE
E	CENTER CORRECTION OF VERTICAL CURVE
M	MAIN LINE
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
POL	POINT ON LINE
PSD	PASSING SIGHT DISTANCE
PT	POINT OF TANGENT
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
R	RADIUS
SC	SPIRAL TO CURVE
SSD	STOPPING SIGHT DISTANCE
ST	SPIRAL TO TANGENT
STA	STATION
T	TANGENT LENGTH
TGL	THEORETICAL GRADE LINE
TS	TANGENT TO SPIRAL
VC	VERTICAL CURVE

TOPOGRAPHY (DRAINAGE)	
ABBR.	DESCRIPTION
BB	BOTTOM OF BANK (STREAM)
BC	BOTTOM OF CURB
BO	BOTTOM OF OPENING
CAP	CORRUGATED ALUMINUM PIPE
CB	CATCH BASIN
CIP	CAST IRON PIPE
℄ STRM	CENTERLINE OF STREAM
CMP	CORRUGATED METAL PIPE
CP	CONCRETE PIPE
CSP	CORRUGATED STEEL PIPE
CULV	CULVERT
DIA	DIAMETER
DMH	DRAINAGE MANHOLE
DS	DRAINAGE STRUCTURE PIPE
D'XING	DITCH CROSSING
EHW	EXTREME HIGH WATER
EL	ELEVATION
ELEV	ELEVATION
ELW	EXTREME LOW WATER
ES	END SECTION
HW	HEADWALL
INV	INVERT
MH	MANHOLE
MHW	MEAN HIGH WATER
OHW	ORDINARY HIGH WATER
OLW	ORDINARY LOW WATER
RCP	REINFORCED CONCRETE PIPE
SICPP	SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE
TB	TOP OF BANK (STREAM)
TC	TOP OF CURB
TG	TOP OF GRATE
VCP	VITRIFIED CLAY PIPE

TOPOGRAPHY (MISCELLANEOUS)	
ABBR.	DESCRIPTION
ABUT	ABUTMENT
AOBE	AS ORDERED BY ENGINEER
ASPH	ASPHALT
BDY	BOUNDARY
BLDG	BUILDING
BM	BENCH MARK
CC	CENTER TO CENTER
CONC	CONCRETE
CONST	CONSTRUCTION
CR	COUNTY ROAD
D	DEED DISTANCE
DM	DIRECT MEASUREMENT
DWY	DRIVEWAY
EP	EDGE OF PAVEMENT
ES	EDGE OF SHOULDER
FEE	FEE ACQUISITION
FEE WO/A	FEE ACQUISITION WITHOUT ACCESS
FP	FENCE POST
FD	FOUNDATION
FL	FENCE LINE
GAR	GARAGE
GR	GRAVEL
HO	HOUSE
HWY	HIGHWAY
IP	IRON PIN OR IRON PIPE
MB	MAILBOX
MON	MONUMENT
N&W	NAIL AND WASHER
OG	ORIGINAL GROUND
O/H	OVERHEAD
P	PARCEL
PAV'T	PAVEMENT
PE	PERMANENT EASEMENT
PED POLE	PEDESTRIAN POLE
P ℄	PROPERTY LINE
POR	PORCH
RR	RAILROAD
RTE	ROUTE
ROW	RIGHT OF WAY
RW	RETAINING WALL
SH	STATE HIGHWAY
SHLDR	SHOULDER
SPK	SPIKE
ST	STREET
STK	STAKE
STY	STORY
SW	SIDEWALK
TE	TEMPORARY EASEMENT
TO	TEMPORARY OCCUPANCY
U/G	UNDERGROUND
WW	WING WALL

UTILITIES	
ABBR.	DESCRIPTION
E	ELECTRIC
EMH	ELECTRIC MANHOLE
G	GAS
GP	GUY POLE
GSB	GAS SERVICE BOX (HOUSE LINE)
GV	GAS VALVE (MAIN LINE)
HYD	HYDRANT
LP	LIGHT POLE
LPG	LOW PRESSURE GAS
PP	POWER POLE
SA	SANITARY SEWER
SMH	SANITARY MANHOLE
ST	STORM SEWER
T	TELEPHONE
TCB	TRAFFIC CONTROL BOX
TELBOX	TELEPHONE BOX
TEL P	TELEPHONE POLE
TMH	TELEPHONE MANHOLE
CTV	CABLE TELEVISION
W	WATER
WSB	WATER SERVICE BOX (HOUSE LINE)
WV	WATER VALVE (MAIN LINE)

SUBSURFACE EXPLORATION	
ABBR.	DESCRIPTION
REPLACE ABBREVIATION "AB" WITH:	
AH	HAND AUGER
CP	CONE PENETROMETER
DA	2, INCHES CASED DRILL HOLE
DM	DRILLING MUD
DN	4 INCHES CASED DRILL HOLE
FH	HOLLOW FLIGHT AUGER
PA	POWER AUGER
PH	PROBE
PT	PERCOLATION TEST HOLE
RP	1 INCH SAMPLER (RETRACTABLE PLUG)
	TO BE DEFINED AT THE TIME OF EXPLORATION
SP	SEISMIC POINT
TP	TEST PIT
ABBREVIATION "C" IN CATEGORIES: DA, DM, DN, AND FH WITH:	
B	BRIDGE
C	CUT
D	DAM
F	FILL
K	CULVERT
W	WALL
X	TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE

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

TOTAL NUMBER OF SHEETS: 77

INDEX OF DRAWINGS

SHEET NO.	FILE DESCRIPTION	DRAWING NUMBER	DIGITAL DELIVERY COMPONENT	
			DIGITAL DATA (NOTE 2)	SUPPORTING INFORMATION (NOTE 1)
1	TITLE SHEET	COV-01		
2	INDEX AND ABBREVIATIONS	IND-01		
3 - 4	LEGEND, LINE AND POINT SYMBOLOGY	LEG-01 TO LEG-02		
5	ELECTRONIC FILES IDENTIFIED AS PLANS	ESS-01		
6	KEY PLAN	KEY-01		
7 - 8	TYPICAL SECTIONS	TYP-01 TO TYP-02		
9	GENERAL NOTES	GNN-01		
10 - 12	WORK ZONE TRAFFIC CONTROL NOTES	WZTC-01 TO WZTC-03		
13 - 15	WORK ZONE TRAFFIC CONTROL TYPICAL SECTIONS	WZTC-04 TO WZTC-06		
16 - 24	WORK ZONE TRAFFIC CONTROL PLANS	WZTC-07 TO WZTC-15		
N/A	SURVEY AND ALIGNMENT	NO DRAWINGS	D265304_FEA_RWY_ALG_481NB.XML D265304_FEA_RWY_ALG_DRYSWALE.XML D265304_FEA_RWY_ALG_RAMP.XML D265304_FEA_RWY_BSL_304369.XML	D265304_RPT_ALIGNMENT.PDF
25	MAINTENANCE JURISDICTION	MJ-01		
26	MISCELLANEOUS TABLES	MST-01		
27	MISCELLANEOUS DETAILS	MSD-01		
28 - 29	EARTHWORK SUMMARY SHEETS	ESS-01 TO ESS-02		
30 - 31	EROSION SEDIMENT CONTROL NOTES AND TABLES	ESC-01 TO ESC-02		
32 - 39	EROSION SEDIMENT CONTROL PLANS	ESC-03 TO ESC-10		
40 - 47	GENERAL PLANS	GNP-01 TO GNP-08		
N/A	PROFILE	NO DRAWINGS	D265304_FEA_RWY_ALG_481NB.XML D265304_FEA_RWY_ALG_DRYSWALE.XML D265304_FEA_RWY_ALG_RAMP.XML D265304_CPH_SUPERELEVATION_481NB.XLSX D265304_CPH_SUPERELEVATION_RAMP.XLSX	D265304_SUP_PROFILES.PDF
48 - 55	SIGN AND PAVEMENT MARKING PLAN	SPM-01 TO SPM-08		
56 - 57	SIGN DATA SHEETS	SPM-09 TO SPM-10		
58 - 61	TRAFFIC SIGNAL PLANS	TSP-01 TO TSP-03		
62 - 67	LANDSCAPE PLANS	LAP-01 TO LAP-06		
68	DRAINAGE TABLES	DRT-01		
69	DRAINAGE DETAILS	DRD-01		
70 - 77	DRAINAGE PLANS	DRP-01 TO DRP-08		

NOTES:
1. REFER TO D265304_SUPPLEMENTAL INFORMATION SECTION 11 FOR SUPPORTING INFORMATION.
2. REFER TO D265304_R03_ELECTRONIC FILES FOR PLANS.ZIP FOR DIGITAL DATA FILES.

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69 I-481 UTILITY QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED INDEX AND ABBREVIATIONS	CONTRACT NUMBER D265304 DRAWING NO. IND-01 SHEET NO. 2

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DRAFTING S. BEAMAN | CHECK W. MCCORMICK | CHECK A. BLACKMON | DESIGN P. PRESUTTI | PROJECT MANAGER A. BLACKMON | CHECK P. PRESUTTI

FILE NAME = 1969605_cph_leg-01 thru leg-xx.dgn
DATE/TIME = 21-JUN-2024 13:51
USER =

ALIGNMENT

STYLE	NAME	DESCRIPTION
	AC	CONTROL (CENTERLINE)
	AD_P	DETOUR
	AT_P	TRANSITION CONTROL

BRIDGE

STYLE	NAME	DESCRIPTION
	BR	RAIL
	BSHT	SHEET PILING

CONTROL

STYLE	NAME	DESCRIPTION
	CB	BASELINE
	CBPR	BASELINE, PROJECTION

DRAINAGE

STYLE	NAME	DESCRIPTION
ST	DCP	CULVERT PIPE
ST	DCP_P	CULVERT PIPE (DIR)
	DDG_P	DITCH, GRASS LINED
	DDP_P	DITCH, PAVED INVERT
	DDS_P	DITCH, STONE LINED
	DFL_P	FLOW LINE
	DSSD	SLOTTED DRAIN
	DUD_P	UNDERDRAIN

ENVIRONMENTAL

STYLE	NAME	DESCRIPTION
FL	EBLHS	BALE, STRAW
	ECT	CURTAIN, TURBIDITY
	EDMC	DAM, COFFER
	EDMEC_P	DAM, EARTHEN CHECK
	EDMGSC_P	DAM, GRAVEL BAG/SAND BAG CHECK
	EDMPC_P	DAM, PREFABRICATED CHECK
	EDMSC_P	DAM, STONE CHECK
	EFNS	FENCE, SILT
	EFNSV	FENCE, SILT & VEGETATION
	EFNV	FENCE, VEGETATION
AA	EWAA_P	WETLAND, ADJACENT AREA
FW	EWF	WETLAND, FEDERAL
FW SW	EWFS	WETLAND, FEDERAL AND STATE
WM	EWM	WETLAND, MITIGATION AREA
SW	EWS	WETLAND, STATE

LANDSCAPE

STYLE	NAME	DESCRIPTION
	LABL	AREA, BRUSH LINE
	LAHR	AREA, HEDGE ROW
	LAPB	AREA, PLANTING BED
	LAWA	AREA, WOODED AREA OUTLINE
	LAWE	AREA, WATERS EDGE
	LCUT_P	CUT LIMIT
	LFILL_P	FILL LIMIT
	LFNC	FENCE
	LTRC	TREE ROW, CONIFEROUS
	LTRD	TREE ROW, DECIDUOUS
	LWH	WALL, H PILE
	LWR	WALL, RETAINING
	LWS	WALL, STONE

ROW MAPPING

STYLE	NAME	DESCRIPTION
	MDL	DEED LINE
PE	MEE	EASEMENT, EXISTING
PE	MEP_P	EASEMENT, PERMANENT
APE	MEPA_P	EASEMENT, PERMANENT, APPROX.
TE	MET_P	EASEMENT, TEMPORARY
ATE	META_P	EASEMENT. TEMPORARY, APPROX.
FEE	MF_P	FEE ACQUISITION, W/ ACCESS
AFEE	MFA_P	FEE ACQUISITION, APPROXIMATE
	MFS_P	FEE ACQUISITION, SHAPE
FEE W/OA	MFWOA_P	FEE ACQUISITION, W/O ACCESS
	MHA	HISTORICAL, ACQUISITION
HB	MHB	HIGHWAY BOUNDARY, W/ ACCESS
AHB	MHBA	HIGHWAY BOUNDARY, APPROX.
	MHBW	HWY BOUNDARY, FACE OF WALL
HB W/OA	MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS
	MJC	JURISDICTION, CITY
	MJCY	JURISDICTION, COUNTY
	MJHD	JURISDICTION, HISTORIC DISTRICT
	MJLL	JURIS., (GREAT, MILITARY) LOT LINE
	MJN	JURISDICTION, NATION
	MJPB	JURISDICTION, PUBLIC LANDS
	MJS	JURISDICTION, STATE
	MJT	JURISDICTION, TOWN
	MJV	JURISDICTION, VILLAGE
P	MPL	PROPERTY LOT LINE
AP	MPLA	PROPERTY LOT LINE, APPROXIMATE
Z	MSL	SUB LOT LINE

ROADWAY

STYLE	NAME	DESCRIPTION
CZ	RCZ_P	CLEAR ZONE
	RG	GUIDE RAIL, MISCELLANEOUS
	RGB	GUIDE RAIL, BOX BEAM
	RGBM	GUIDE RAIL, BOX BEAM, MEDIAN
	RGC	GUIDE RAIL, CABLE
	RGCB	GUIDE RAIL, CONCRETE BARRIER
	RGP_P	GUIDE POST
	RGW	GUIDE RAIL, W BEAM
	RGWM	GUIDE RAIL, W BEAM, MEDIAN
	RPB	PARKING BUMPER
	RRC	RAIL ROAD, CATENARY
	RRER	RAIL ROAD, 3RD RAIL
	RRPLS_P	RAIL, PHOTO, LARGE SCALE
	RRPSS	RAIL, PHOTO, SMALL SCALE
	RRS	RUMBLE STRIP
	RRSLS_P	RAIL, SURVEY, LARGE SCALE
	RRSSS	RAIL, SURVEY, SMALL SCALE

SIGNS

STYLE	NAME	DESCRIPTION
	SBLB	BILLBOARDS
	SM	MULTIPLE POST
	SSO	STRUCTURE, OVERHEAD
	SSOC	STRUCTURE, OVHD. CANTILEVER

STRIPING

STYLE	NAME	DESCRIPTION
	STB*	BROKEN LINE
	STDB*	DOUBLE BROKEN LINE
	STDL*	DOTTED LINE LONG
	STDS*	DOTTED LINE SHORT
	STFB*	FULL BARRIER LINE
	STH*	HATCH LINE
	STPB*	PARTIAL BARRIER LINE
	STRCT	ROUNDABOUT, CAT TRACKS
	STRYL	ROUNDABOUT, YIELD LINE
	STSB	STOP BAR
	STSE*	SOLID, EDGE
	STXL	X WALK, LADDER LINE
	STXLB	X WALK, LADDER BAR LINE

* = W (WHITE) OR Y (YELLOW)

TRAFFIC CONTROL

STYLE	NAME	DESCRIPTION
	TCSW	SIGNAL, SPAN WIRE

TRAFFIC WORK ZONE

STYLE	NAME	DESCRIPTION
	TWZBT_P	BARRIER, TEMPORARY
	TWZBTWL_P	BARRIER, TEMPORARY, W/ WARNING LIGHTS
	TWZCD_P	CHANNELIZING DEVICE
	TWZPMRC_P	PAVEMENT MARKING REMOVAL OR COVERING

UTILITIES

STYLE	NAME	DESCRIPTION
C	UC	CONDUIT, UNDERGROUND
]C[	UCH	CONDUIT, HANGING
OC	UCO	CONDUIT, OVERHEAD
E	UE	ELECTRIC LINE, UNDERGROUND
]E[	UEH	ELECTRIC LINE, HANGING
OE	UEO	ELECTRIC LINE, OVERHEAD
OET	UETO	ELECTRIC TRANSMISSION, OVERHEAD
	UESS	ELECTRIC, SUBSTATIONS
FO	UFO	FIBER OPTIC, UNDERGROUND
]FO[	UFOH	FIBER OPTIC, HANGING
OFO	UFOO	FIBER OPTIC, OVERHEAD
G	UG	GAS, UNDERGROUND
]G[	UGH	GAS, HANGING
OG	UGO	GAS, OVERHEAD
IC	UIC	INFORM CABLE, UNDERGROUND
]IC[	UICH	INFORM CABLE, HANGING
O	UO	OIL LINE, UNDERGROUND
]O[	UOH	OIL LINE, HANGING
	UPBP	POLE, BRACE, PUSH BRACE
	UPGW	POLE, GUY WIRE
SA	USA	SANITARY SEWER, UNDERGROUND
]SA[	USAH	SANITARY SEWER, HANGING
SAF	USAF	SANITARY SEWER, FORCE MAIN, UGND
]SAF[	USAFH	SANITARY SEWER, FORCE MAIN, HANG
T	UT	TELEPHONE, UNDERGROUND
]T[	UTH	TELEPHONE, HANGING
OT	UTO	TELEPHONE, OVERHEAD
CTV	UTV	CABLE TV, UNDERGROUND
]CTV[	UTVH	CABLE TV, HANGING
OCTV	UTVO	CABLE TV, OVERHEAD
UU	UUU	UNKNOWN, UNDERGROUND
]UU[	UUH	UNKNOWN, HANGING
OUU	UUO	UNKNOWN, OVERHEAD
W	UW	WATER LINE, UNDERGROUND
]W[	UWH	WATER LINE, HANGING
OW	UWO	WATER LINE, OVERHEAD

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

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69 I-481 UTILITY QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED LEGEND LINE SYMBOLOGY	CONTRACT NUMBER D265304 DRAWING NO. LEG-01 SHEET NO. 3

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

P. PRESUTTI — DESIGN SUPERVISOR
P. PRESUTTI — JOB MANAGER
S. BEAMAN — DRAFTING
A. BLACKMON — CHECK
W. MCCORMICK — PROJECT MANAGER
P. PRESUTTI — CHECK

FILE NAME = 1969605_cph_leg-01 thru leg-xx.dgn
DATE/TIME = 13-JUN-2024 11:54
USER =

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DRAFTING S. BEAMAN | CHECK W. MCCORMICK | DESIGN A. BLACKMON | CHECK P. PRESUTTI | PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph_leg-01 thru leg-xx.dgn
DATE/TIME = 13-JUN-2024 11:54
USER =

ALIGNMENT

CELL	NAME	DESCRIPTION
	ACC	CENTER OF CURVATURE
	ACOGO	COGO
	ACS	CURVE TO SPIRAL
	ADPI_P	DETOUR, POINT OF INTERSECT.
	ADPL_P	DETOUR, POINT ON LINE
	AEQN	EQUATION
A	AEQNAHD	EQUATION AHEAD
B	AEQNBK	EQUATION BACK
	AEVT	EVENT STATION
	APC	POINT OF CURVATURE
	APCC	POINT OF COMPOUND CURVATURE
	API	POINT OF INTERSECTION
	APOB	POINT OF BEGINNING
	APOC	POINT OF CURVATURE
	APOE	POINT OF END
	APOL	POINT ON LINE
	APOS	POINT ON SPIRAL
	APOT	POINT ON TANGENT
	APOVC	POINT ON VERTICAL CURVE
	APOVT	POINT ON VERTICAL TANGENT
	APORC	POINT ON REVERSE CURVE
	APT	POINT OF TANGENCY
	APVC	POINT OF VERTICAL CURVATURE
	APVCC	POINT OF VERT. CMPND CURVE
	APVI	POINT OF VERT. INTERSECTION
	APVRC	POINT OF VERT. REVERSE CURVE
	APVT	POINT OF VERTICAL TANGENCY
	ASC	SPIRAL TO CURVE
	ASPI	SPIRAL POINT OF INTERSECTION
	ASTS	SPIRAL TO SPIRAL
	AST	SPIRAL TO TANGENT
	ATS	TANGENT TO SPIRAL
	AVEVT	VERTICAL EVENT POINT
	AVHIGH	VERTICAL HIGH POINT
	AVLOW	VERTICAL LOW POINT

BRIDGE

	BSC	BRIDGE, SCUPPER

CONTROL

	CBP	BASELINE, POINT
	CBPOL	BASELINE, POINT ON LINE
	CBSP	BASELINE, SPUR POINT
	CBTP	BASELINE, TIE POINT
	CPBM	BENCHMARK
	CPH	POINT, HORIZ. PHOTOGRAMMETRY
	CPSM	POINT, SURVEY MARKER, PERM.
	CPSV	POINT, VERT., PHOTOGRAMMETRY

DRAINAGE

CELL	NAME	DESCRIPTION
	DINV	INVERT
	DS	STRUCTURE, RECTANGULAR
	DSI	STRUCTURE, INVERT
	DSM	STRUCTURE, MANHOLE
	DSMTXX_P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96
	DSR	STRUCTURE, ROUND
	DST*X*CB_P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R
	DST*X"_P	STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U

ENVIRONMENTAL

CULV	EIOP_P	STR., INLET, OUTLET PROT.
GB	EIPGB_P	STR., INLET PROT., GRAVEL BAG
H/S	EIPHS_P	STR., INLET PROT., HAY/STRAW
PRFB	EIPP_P	STR., INLET PROT., PREFAB.
SF	EIPSF_P	STR., INLET PROT., SILT FENCE
	ERCB	RISER, CONCRETE BOX
	ETRS_P	TRAP, SEDIMENT
	EWFG	WETLAND FLAG

GEOTECHNICAL

	GDH	DRILL HOLE

LANDSCAPE

	LELS	ELEVATION, SPOT
P	LFP	FLAG POLE
	LMB	MAILBOX
	LPB	PAPER BOX
	LPST	POST, SINGLE
	LRB	ROCK, BOULDER
	LSHC	SHRUB, CONIFEROUS
	LSHD	SHRUB, DECIDUOUS
	LTC	TREE, CONIFEROUS
	LTD	TREE, DECIDUOUS
	LTS	TREE, STUMP
	LTW P	TREE, WELL OR WALL
	LUKP	UNKNOWN POINT

ITS

CELL	NAME	DESCRIPTION
A	IANT P	ANTENNAS
A	IASCTS	ACCOU. SPEED/COUNT SNSR.S
P	ICABPAD	CABINET & PAD
	ICCTV	CCTV SITE
CDPD	ICDPD	CDPD TRANSCEIVER
	ICELLT	CELL PHONE TOWER
	ICJB	CONDUIT JACK OR BORING
	ICNTLCAB	CONTROLLER CABINET
	ICPB	COMMUNICATION PULL BOX
	ICTD	CONDUIT TURNING DOWN
	ICTU	CONDUIT TURNING UP
	ICVTRT	COMM. VEH. ROAD TRANSCEIVER
	IDEFAULT	DEFAULT
EZ	IEZR	E-ZPASS READER
EZ-T	IEZTR	TRANSMITTAL READER
XC	IFOXCAB	FIBER OPTIC X-CONNECT CABINET
	IFUSSPL	FUSION SPLICE
	IHARADV	HAR ADVISORY SIGN
	IHARST	HAR SITE
LC	ILC	LOAD CENTER
	IMECSPL	MECHANICAL SPLICE
PM	IMSCS	PORT. SPEED & COUNT SENSOR
M	IMSCTS	MICRO SPEED & COUNT SENSOR
M	IMT	MICROWAVE TRANSCEIVER
VMS	IOVHVMS	PERM. OVERHEAD VMS
PA	IPASCS	PORT. ACCOU. SPD & CNT. SENSOR
	IPEDS	PEDESTRIAN SIGNAL HEAD
	IPSS	PAVEMENT SURFACE SENSOR
PVMS	IPVMS	PERM. VMS
RM	IRM	RAMP METER
RWIS	IRWIS	RDWY WEATHER INFO. SENSOR
	ISP	SOLAR PANEL
SS	ISST	SPREAD SPECT. TRANSCEIVER
TC	ITDB	TELEPHONE DEMARCATION BLK
TP	ITP	SUBSURFACE TEMP. PROBE
	IVTRT	VEHICLE TO RDWY TRANSCEIVER
WIM	IWIMD	WEIGHT IN MOTION DETECTOR
WVR	IWVR	WIRELESS VIDEO REPEATER
V	IWVRC	WIRELESS VIDEO RECEIVER
V	IWVTT	WIRELESS VIDEO TRANSMITTER

ROW MAPPING

CELL	NAME	DESCRIPTION
1	MDL1P	DEED LINE, TYPE 1
2	MDL2P	DEED LINE, TYPE 2
3	MDL3P	DEED LINE, TYPE 3
4	MDL4P	DEED LINE, TYPE 4
5	MDL5P	DEED LINE, TYPE 5
	MEEP	EASEMENT, EXISTING
A	MEPAP_P	EASEMENT, PERM., APPROX.
	MEPP_P	EASEMENT, PERM., BACK LINE
	MEPSP_P	EASEMENT, PERM., SHAPE
	MFAP_P	FEE ACQUISITION, APPROX.
	MFP_P	FEE ACQUISITION, BACK LINE
	MFSP_P	FEE ACQUISITION, SHAPE
	MHBAP	HIGHWAY BNDRY., APPROX.
	MHBCP	HISTORICAL, BLDG. CORNERS
	MHBP	HIGHWAY BNDRY, PT.
	MJCP	PT., JURIS. CITY
	MPBC	PT., BUILDING CORNER
	MPCC	PT., CROSS CUT
	MPDH	PT., DRILL HOLE
	MPF	PT., FENCE LOCATION
	MPIP	PT., IRON PIPE
	MPIR	PT., IRON ROD
	MPM	PT., MONUMENT
	MPMM	PT., MONUMENT, MISC.
	MPN	PT., NAIL
	MPRS	PT., RAILROAD SPIKE
	MPSP	PT., SPIKE
	MPST	PT., STAKE
	MPTW	PT., TREE W/ WIRE
	MPWL	PT., WALL LOCATION

ROW ACQUISITION

M1 P1 FEE	MFS_P_T	FEE ACQUISITION
M1 P1 PE	MEPS_P_T	EASEMENT, PERMANENT
M1 P1 TE	METS_P_T	EASEMENT, TEMPORARY
M1 P1 TO	METS_P_T	OCCUPANCY, TEMPORARY
M1 P1 FEE WO/A	MFS_P_T	FEE ACQUISITION W/O ACCESS

ROADWAY

	RES P	ELEVATION, SPOT
	RGA	GUIDE RAIL, ANCHOR
	RGP	GUIDE POST, SINGLE

SIGNS

CELL	NAME	DESCRIPTION
	S	SINGLE POST
	S_P	SINGLE POST, PROPOSED
	SB_P	BACK TO BACK, PROPOSED
	SDEL	DELINEATORS
	SPM	PARKING METER
RFM	SRM	REFERENCE MARKERS
	SRSC3	SHLD, CTY, 123 DIG.
	SRSC4	SHLD, CTY, 4 DIG.
	SRSCT2	SHLD, CTY TOUR, 1-2 DIG.
	SRSCT4	SHLD, CTY TOUR, 3-4 DIG.
	SRSI	SHLD, INTERSTATE
	SRSN2	SHLD, NATIONAL, 2 DIG.
	SRSN3	SHLD, NATIONAL, 3 DIG.
	SRSS2	SHLD, STATE, 2 DIG.
	SRSS3	SHLD, STATE, 3 DIG.
	SRSS4	SHLD, STATE, 4 DIG.

TRAFFIC CONTROL

	TCBJ	BOX, JUNCTION
	TCBP	BOX, PULL BOX
	TCBS	BOX, SPLICE
	TCMC	MICROCOMPUTER CABINET
	TCPP	PED POLE
	TCSH	SIGNAL HEADS
	TCSP	SIGNAL POLE

TRAFFIC WORK ZONE

	TWZAP_P	ARROW PANEL
	TWZAPC_P	ARROW PANEL, CAUTION MODE
	TWZAPT_P	ARROW PANEL, TRAILER OR SUPPORT
	TWZBCD_P	BARRICADE (TYPE III)
	TWZCMS_P	CHANGEABLE MESSAGE SIGN (PVMS)
	TWZFLG_P	FLAGGER
	TWZFT_P	FLAG TREE
	TWZIA_P	IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY)
	TWZLUM_P	LUMINAIRE (TEMPORARY)
	TWZSDT_P	SYMBOL, DIRECTION OF TRAFFIC
	TWZSDTD_P	SYMBOL, DIRECTION OF TEMPORARY TRAFFIC DETOUR
	TWZSGN_P	SIGN (TEMPORARY)
	TWZSIG_P	SIGNAL, TRAFFIC OR PEDESTRIAN (TEMPORARY)
	TWZWL_P	WARNING LIGHT
	TWZWV_P	WORK VEHICLE
	TWZWVA_P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR

UTILITIES

CELL	NAME	DESCRIPTION
E	UEB	ELECTRIC, BOX
E	UEM	ELECTRIC, METER
E	UEMH	ELECTRIC, MANHOLE
	UEPT	ELECTRIC, POLE, TRANS.
G	UGM	GAS, METER
G	UGMH	GAS, MANHOLE
	UGLM	GAS, LINE MARKER
FP	UGP	GAS/FUEL PUMP
	UGV	GAS, VALVE
	UGVT	GAS, VENT
	ULP	LIGHTING, POLE
	ULPM	LIGHTING, POLE, MEDIAN
	ULPP	LIGHTING, POLE, PED.
	UMFC	MISC. FILLER CAP
	UOLM	OIL, LINE MARKER
	UP	POLE, WITH UTILITY
	UPD	POLE, DEAD (NO UTILITY)
	UPL	POLE, WITH LIGHT
S	USMH	SANITARY SEWER MANHOLE
P	UTB	TELEPHONE, BOOTH
	UTLM	TELEPHONE, LINE MARKER
T	UTMH	TELEPHONE, MANHOLE
	UTVLM	CABLE TV, LINE MARKER
C	UTVPB	CABLE TV, PULL BOX
	UUB	UNKNOWN, BOX
	UUJB	UNKNOWN, JUNCTION BOX
	UUMH	UNKNOWN, MANHOLE
	UUPB	UNKNOWN, PULL BOX
	UUVL	UNKNOWN, VALVE
	UUVT	UNKNOWN, VENT
	UUW	UNKNOWN, WELL
W	UWFH	WATER, FIRE HYDRANT
W	UWM	WATER, METER
W	UWMH	WATER, MANHOLE
	UWV	WATER, VALVE
W	UWW	WATER, WELL

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

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

LEGEND
POINT SYMBOLOGY

CONTRACT NUMBER
D265304

DRAWING NO. LEG-02
SHEET NO. 4

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

ELECTRONIC FILES IDENTIFIED AS PLANS

	FILE NAME	FILE DESCRIPTION	DATE/TIME MODIFIED	AFFIX SEAL:	ALTERD BY:
PROFESSIONAL OF RECORD	D265304_CPH_SUPERELEVATION_481NB.XLSX	ROUTE 481 (NB) - SUPERELEVATION DATA REPORT (XLSX)	6/21/2024 1:15 PM	STATE OF NEW YORK PAUL JOSEPH PRESUTTI LICENSED PROFESSIONAL ENGINEER 075463 EXCELSIOR	
	D265304_CPH_SUPERELEVATION_RAMP.XLSX	RAMP "H" - SUPERELEVATION DATA REPORT (XLSX)	6/21/2024 1:15 PM		
	D265304_FEA_RWY_ALG_481NB.XML	ROUTE 481 (NB) - GEOMETRY (XML)	6/21/2024 1:18 PM		
	D265304_FEA_RWY_ALG_DRYSWALE.XML	DRYSWALE - GEOMETRY (XML)	6/21/2024 1:18 PM		
	D265304_FEA_RWY_ALG_RAMP.XML	RAMP "H" - GEOMETRY (XML)	6/21/2024 1:18 PM		

	FILE NAME	FILE DESCRIPTION	DATE/TIME MODIFIED	AFFIX SEAL:	ALTERD BY:
PROFESSIONAL OF RECORD	D265304_FEA_RWY_BSL_304369.XML	BASELINE ALIGNMENT (XML)	6/21/2024 1:18 PM	STATE OF NEW YORK DAVID L. STANDINGER LICENSED LAND SURVEYOR 050107 EXCELSIOR	

NOTES:

1. THE ELECTRONIC FILES IDENTIFIED AS PLANS FOR THE SUBJECT PROJECT HAVE BEEN COMPLETED IN ACCORDANCE WITH ALL APPLICABLE NYSDOT STANDARDS AND SPECIFICATIONS. THE PROFESSIONAL SEAL(S) LOCATED HEREIN APPLY TO ALL FILES LISTED IN THE "ELECTRONIC FILES IDENTIFIED AS PLANS" TABLE WHERE THE ENGINEER OF RECORDS IS LISTED.

2. THE CONTRACTOR SHALL UTILIZE THE INFORMATION IN ELECTRONIC FORM, OR DETERMINE HOW TO BEST MANIPULATE THE MODEL TO PRINT DESIRED INFORMATION. THE CAD INFORMATION IS GEOSPATIALLY LOCATED USING THE APPROPRIATE STATE PLANE COORDINATE SYSTEM. THE ELECTRONIC FILES IDENTIFIED AS PLANS ARE A PART OF THE CONTRACT DOCUMENTS AND ARE AVAILABLE FOR DOWNLOAD WITH THE OTHER CONTRACT DOCUMENT ELEMENTS. THE ELECTRONIC FILES ARE PROVIDED WITH SUFFICIENT DETAIL TO ALLOW THE CONTRACTOR, SUBCONTRACTORS, FABRICATORS AND SUPPLIERS TO QUICKLY, EFFICIENTLY AND ACCURATELY SHARE INFORMATION NECCESARY TO COMPLETE THE WORK.

AFFIX SEAL: ON: 6/21/2024	ALTERED BY: ON:
STATE OF NEW YORK PAUL JOSEPH PRESUTTI LICENSED PROFESSIONAL ENGINEER 075463 EXCELSIOR	

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

ELECTRONIC FILES IDENTIFIED AS PLANS

CONTRACT NUMBER D265304

DRAWING NO. ESS-01

SHEET NO. 5

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN A. BLACKMON | CHECK W. MCCORMICK | DRAFTING S. BEAMAN | CHECK A. BLACKMON | PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph_ess-01 thru ess-xx.dgn
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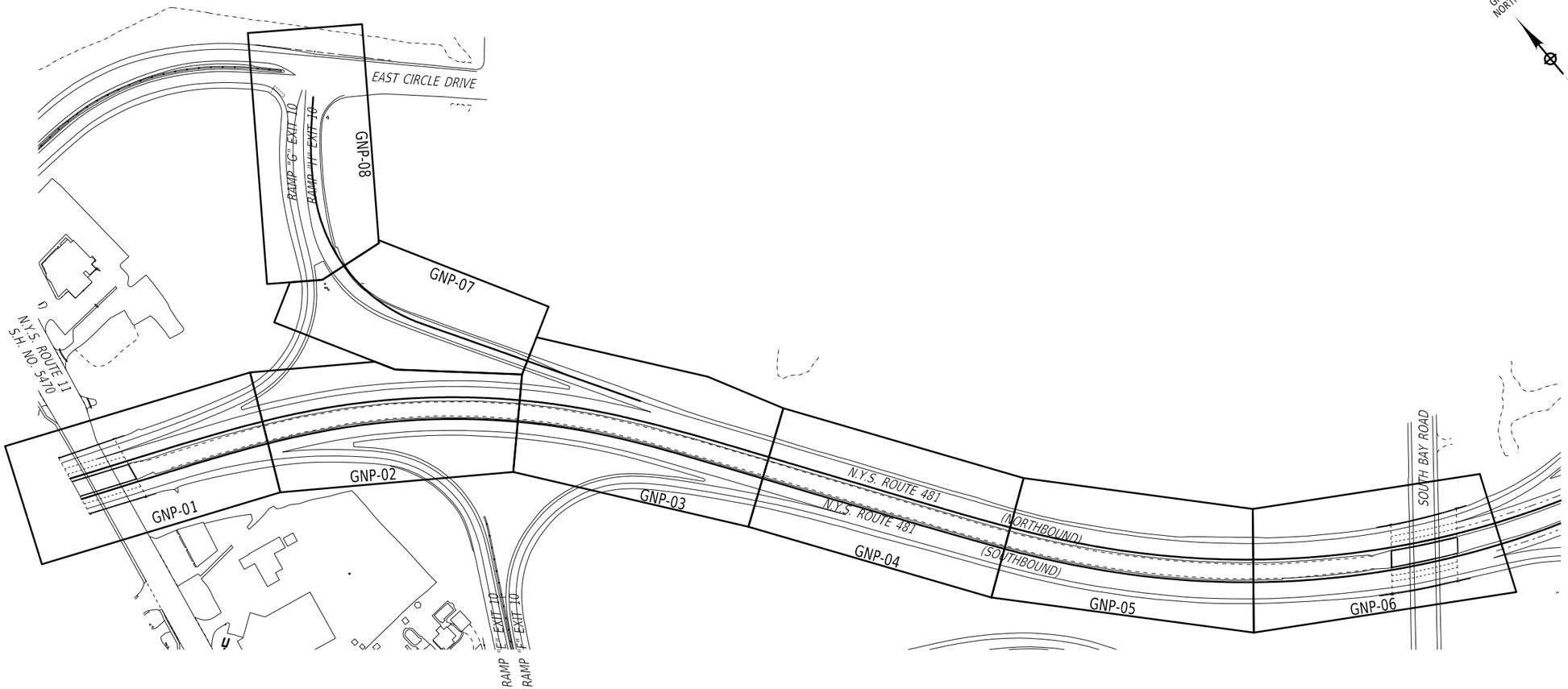

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69 I-481 UTILITY QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED KEY PLAN SHEET LAYOUT	CONTRACT NUMBER D265304 DRAWING NO. KEY-01 SHEET NO. 6

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR	DRAFTING	JOB MANAGER	DESIGN	CHECK	PROJECT MANAGER
P. PRESUTTI	S. BEAMAN	P. PRESUTTI	A. BLACKMON	W. MCCORMICK	A. BLACKMON

P. PRESUTTI

FILE NAME = 1969605_cph_key-01.dgn
DATE/TIME = 13-JUN-2024 11:54
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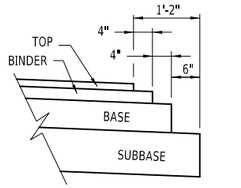
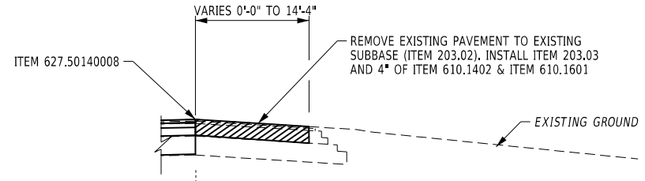


TYPICAL EDGE DETAIL
NOT TO SCALE



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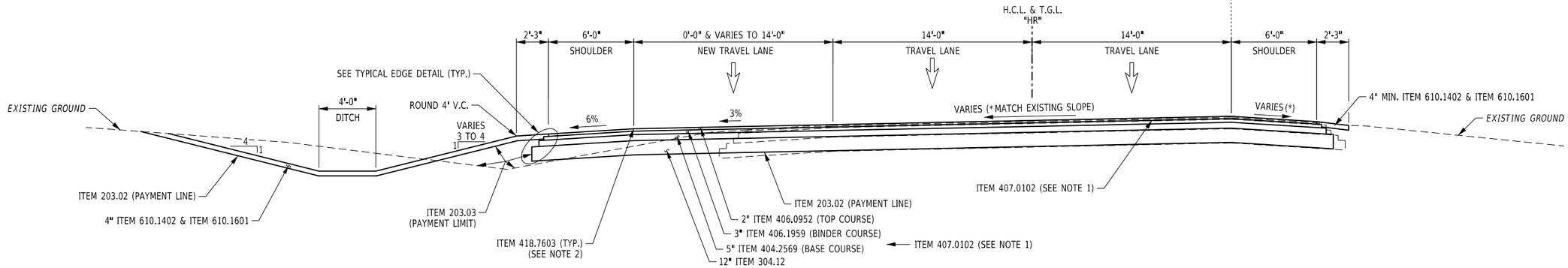
STA. H 3+59.9 TO STA. H 5+70.7



RAMP "H" EXIT 10
SCALE: 1/8" = 1'-0"
STA. HR 0+00.00 TO STA. HR 7+20.00

ITEM NO.	DESCRIPTION	UNIT	ITEM NO.	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	LF
203.03	EMBANKMENT IN PLACE	CY	490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	SY
304.12	SUBBASE COURSE, TYPE 2	CY	608.020102	HMA SIDEWALKS, DRIVEWAYS & BIKE PATHS & VEGETATION CONTROL STRIP	TON
404.0189	TRUE & LEVELING F9, WMA, 80 SERIES COMPACTION	TON	610.1402	TOPSOIL - ROADSIDE	CY
404.2569	25 F9 BINDER COURSE ASPHALT, 60 SERIES COMPACTION	TON	610.1601	TURF ESTABLISHMENT - ROADSIDE	SY
406.0952	9.5 F2 TOP COURSE WITH FIBERS, 50 SERIES COMPACTION	TON	627.50140008	CUTTING PAVEMENT	LF
406.1959	19 F9 BINDER COURSE WITH FIBERS, 50 SERIES COMPACTION	TON			
407.0102	DILUTED TACK COAT	GAL			

NOTES

1. TACK COAT SHALL BE APPLIED ON ALL MILLED SURFACES, BETWEEN ALL WARM MIX ASPHALT PAVEMENT COURSES AND WHEN PLACING OVERLAY ON EXISTING PAVEMENT.
2. ASPHALT PAVEMENT JOINT ADHESIVE SHALL BE USED FOR ALL LONGITUDINAL AND TRANSVERSE JOINTS ON THE TOP SURFACE COURSE.
3. TRUE & LEVELING SHALL BE PLACED AS NECESSARY TO ADDRESS DELAMINATION AFTER MILLING AND TO PROVIDE APPROPRIATE CROSS SLOPE.

* MATCH EXISTING SLOPE

AFFIX SEAL:
ON: 6/21/2024

ALTERED BY:
ON:

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
LICENSED PROFESSIONAL ENGINEER
075463

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TYPICAL SECTIONS

CONTRACT NUMBER
D265304

DRAWING NO. TYP-01
SHEET NO. 7

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN S. BEAMAN | CHECK A. BLACKMON | PROJECT MANAGER P. PRESUTTI | DRAFTING W. MCCORMICK

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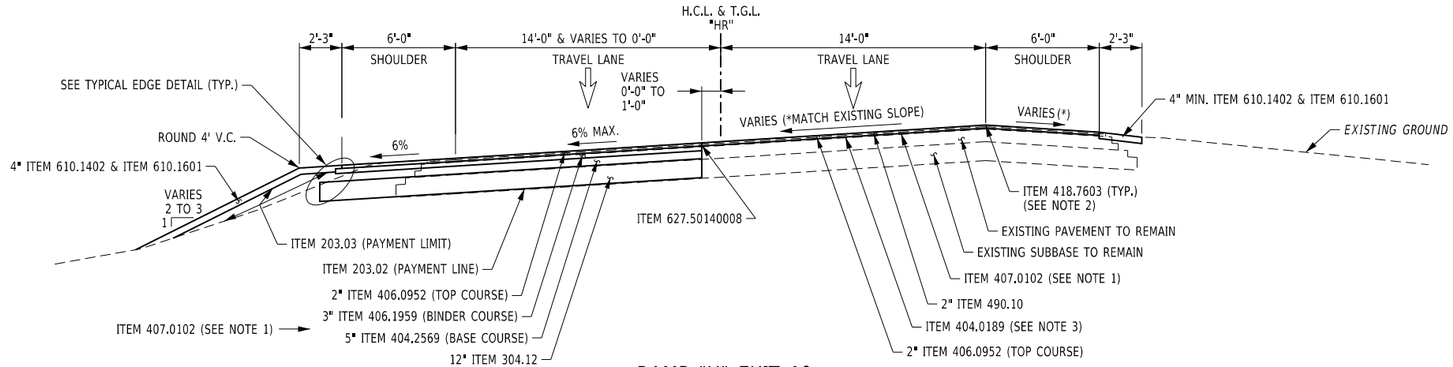
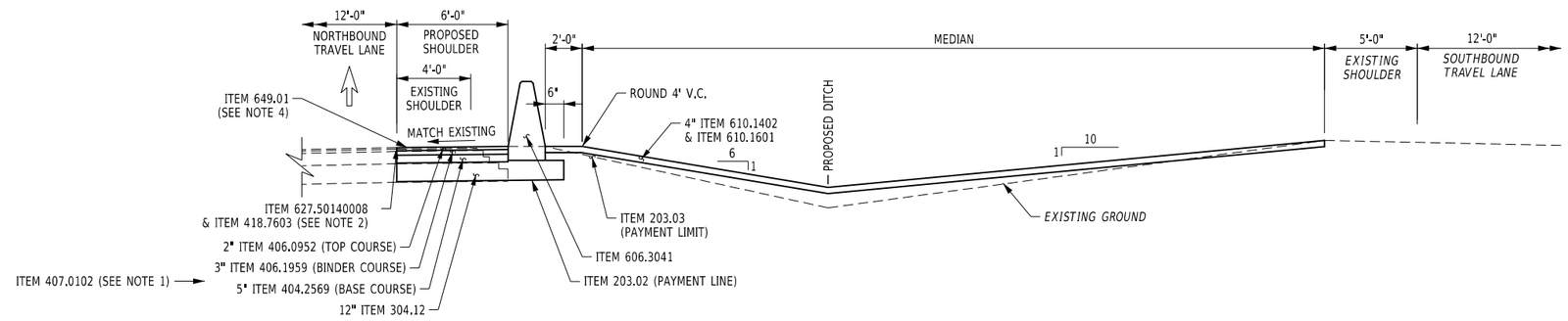


RAMP "H" EXIT 10

SCALE: 1/8" = 1'-0"
STA. HR 7+20.00 TO STA. H 11+34.31



I-481 NORTHBOUND SHOULDER

SCALE: 1/8" = 1'-0"
STA. NB 346+50 TO NB 374+14.9

ITEM NO.	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
203.03	EMBANKMENT IN PLACE	CY
304.12	SUBBASE COURSE, TYPE 2	CY
404.0189	TRUE & LEVELING F9, WMA, 80 SERIES COMPACTION	TON
404.2569	25 F9 BINDER COURSE ASPHALT, 60 SERIES COMPACTION	TON
406.0952	9.5 F2 TOP COURSE WITH FIBERS, 50 SERIES COMPACTION	TON
406.1959	19 F9 BINDER COURSE WITH FIBERS, 50 SERIES COMPACTION	TON
407.0102	DILUTED TACK COAT	GAL

ITEM NO.	DESCRIPTION	UNIT
418.7603	ASPHALT PAVEMENT JOINT ADHESIVE	LF
490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	SY
606.10	BOX BEAM GUIDE RAILING	LF
606.3041	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (OPTIONAL)	LF
610.1402	TOPSOIL - ROADSIDE	CY
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY
627.50140008	CUTTING PAVEMENT	LF
649.01	MILLED IN AUDIBLE ROADWAY DELINEATORS (MIARDS)	LF

NOTES

1. TACK COAT SHALL BE APPLIED ON ALL MILLED SURFACES, BETWEEN ALL WARM MIX ASPHALT PAVEMENT COURSES AND WHEN PLACING OVERLAY ON EXISTING PAVEMENT.
2. ASPHALT PAVEMENT JOINT ADHESIVE SHALL BE USED FOR ALL LONGITUDINAL AND TRANSVERSE JOINTS ON THE TOP SURFACE COURSE.
3. TRUE & LEVELING SHALL BE PLACED AS NECESSARY TO ADDRESS DELAMINATION AFTER MILLING AND TO PROVIDE APPROPRIATE CROSS SLOPE.
4. REFER TO STANDARD SHEET 649-02 FOR DETAILS OF MILLED IN AUDIBLE ROADWAY DELINEATORS (MIARDS)

* MATCH EXISTING SLOPE

AFFIX SEAL:
ON: 6/21/2024

ALTERED BY:
ON:

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
LICENSED
075463
PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TYPICAL SECTIONS

CONTRACT NUMBER
D265304

DRAWING NO. TYP-02
SHEET NO. 8

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.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
DRAFTING S. BEAMAN
JOB MANAGER P. PRESUTTI
DESIGN A. BLACKMON
CHECK W. MCCORMICK
PROJECT MANAGER A. BLACKMON
CHECK S. BEAMAN
P. PRESUTTI

FILE NAME = 1969605_cph_typ-02.dgn
DATE/TIME = 13-JUN-2024 11:54
USER =

DEFINITION:

1. THE WORDS "SHALL", "SHOULD", "MAY", "A.O.B.E." AND "E.I.C." AS USED IN THE CONTRACT DOCUMENTS, HAVE THE FOLLOWING MEANINGS:

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

   SHOULD - AN 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 THERE IS JUSTIFIABLE CAUSE TO DO SO.

   MAY - A PERMISSIVE CONDITIONS. NO REQUIREMENT FOR DESIGN OR APPLICATION IS INTENDED.

   A.O.B.E. - AS ORDERED BY ENGINEER

   E.I.C. - ENGINEER IN CHARGE

DRAINAGE FACILITIES:

2. THE CONTRACTOR SHALL BECOME FAMILIARIZED WITH DRAINAGE CHARACTERISTICS OF THE AREA SO THAT WORK MAY PROGRESS EFFICIENTLY WITH FULL KNOWLEDGE OF ANY POTENTIAL DRAINAGE PROBLEMS.

3. THE CONTRACTOR IS REQUIRED TO MAINTAIN EXISTING DRAINAGE CAPACITY AT ALL TIMES DURING CONSTRUCTION. NO STOCKPILING SHALL BE ALLOWED ALONG DITCH LINES OR FLOW LINES.

4. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING ANY CULVERT DRAINAGE INSTALLATION TO PROVIDE ADEQUATE STORM WATER COLLECTION DURING ALL CONSTRUCTION PHASES. ANY TEMPORARY DRAINAGE CONNECTIONS, INLET ELEVATION ADJUSTMENTS, OR OTHER WORK NECESSARY OR DIRECTED BY THE E.I.C. TO ENSURE RUNOFF COLLECTION SHALL BE INCLUDED IN THE PRICE BID FOR VARIOUS DRAINAGE ITEMS.

RESTORING DISTURBED AREAS:

5. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO A CONDITION APPROVED BY THE ENGINEER IN CHARGE.

6. THE RESTORATION OF DISTURBED AREAS SHALL BE ACCOMPLISHED AS SPECIFIED UNDER SECTIONS 107-08 OF THE STANDARD SPECIFICATIONS AND APPLICABLE ADDENDUMS.

GENERAL UTILITY NOTES:

7. IN THE EVENT THE CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN SAID SERVICE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN CHARGE. IF SO DIRECTED BY THE ENGINEER IN CHARGE, THE CONTRACTOR SHALL ASSIST IN THE WORK REQUIRED TO RESTORE THE ITERRUPTED SERVICE. NO ADDITIONAL PAYMENT SHALL BE MADE TO THE CONTRACTOR FOR SUCH ASSISTANCE.

8. THE CONTRACTOR MAY ENCOUNTER UNDERGROUND UTILITIES NOT SHOWN ON THESE PLANS. IN SUCH CASE, THE CONTRACTOR SHALL IDENTIFY THE FACILITY AND TAKE APPROPRIATE ACTION AS DIRECTED BY THE ENGINEER IN CHARGE. PAYMENT FOR ANY WORK REQUIRED SHALL BE UNDER THE APPROPRIATE CONTRACT ITEMS.

9. THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT (ACCEPTABLE BY THE E.I.C.) TO ALL UTILITIES THAT SPAN OVER ANY EXCAVATED AREA. THE COST SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE EXCAVATION ITEMS.

10. IN AREAS OF POTENTIAL UTILITY CONFLICT, USE ITEM 206.05 - TEST PIT EXCAVATION TO VERIFY LOCATION AND DEPTH OF UTILITY. LOCATIONS ARE TO BE CONFIRMED BY THE E.I.C.

SUBSURFACE UTILITIES:

11. THE APPROXIMATE LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. THE SUBSURFACE UTILITY INFORMATION PROVIDED ON THESE PLANS HAS BEEN COMPLETED FROM VARIOUS SOURCES. THE DEGREE OF ACCURACY OF THIS INFORMATION IS DESCRIBED BY THE QUALITY LEVEL DEFINITIONS INCLUDED BELOW.

    QUALITY A - THE HIGHEST DEGREE OF ACCURACY; THE UTILITY INFORMATION ON THE CONTRACT PLANS HAS BEEN FIELD LOCATED AND VERIFIED BY EXCAVATION, WHEN APPROPRIATE. (SHOWN AS QLA)

    QUALITY B - SUBSURFACE GEOPHYSICAL LOCATING TECHNIQUES (I.E. UNDERGROUND CAMERAS, RADAR, SONAR, TONE OUTS, ETC.) AND EXISTING RECORD PLANS HAVE BEEN USED TO LOCATE UTILITIES. NO EXCAVATIONS WERE PERFORMED. (SHOWN AS QLB)

    QUALITY C - RECORD INFORMATION PROVIDED BY UTILITY OWNERS WAS PLOTTED ON THE CONTRACT PLANS. DEPTHS WERE NOT FIELD VERIFIED. PHYSICAL SURFACE FEATURES LIKE MANHOLES, VALVE BOXES, AND HYDRANTS HAVE BEEN FIELD LOCATED. (SHOWN AS QLC)

    QUALITY D - EXISTING NYSDOT AND UTILITY COMPANY RECORDS WERE USED TO LOCATE SUBSURFACE UTILITIES. (SHOWN AS QLD)

    THIS INFORMATION DOES NOT RELIEVE THE CONTRACTOR OF ANY OBLIGATIONS UNDER SECTIONS 660 THROUGH 680 OF THE STANDARD SPECIFICATIONS, NOR DOES IT RELIEVE THE UTILITY OWNERS OF THEIR OBLIGATION TO ACCURATELY LOCATE THEIR FACILITIES. DURING NECESSARY UTILITY RELOCATION WORK, THE CONTRACTOR SHALL COOPERATE IN EVERY WAY WITH THE UTILITY OWNER, AND SHALL SCHEDULE WORK IN SUCH A WAY AS TO COMPLY WITH SHUT DOWN TIMES AND ANY OTHER REQUIREMENTS OF THE UTILITY OWNER. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ANY COST INCURRED DUE TO COMPLYING WITH UTILITY OWNER'S REQUIREMENTS. SUCH COSTS SHALL BE INCLUDED IN THE PRICE BID FOR VARIOUS ITEMS IN THE CONTRACT.

MISCELLANEOUS NOTES:

12. ALL WORK COMPLETED UNDER THIS CONTRACT SHALL BE PERFORMED IN CONFORMANCE WITH NEW YORK STATE DEPARTMENT OF TRANSPORTATION OFFICE OF ENGINEERING STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS AND ALL ADDENDA THERETO.

13. THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN THE PROPERTY OF THE STATE 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 STATE, THE DAMAGED MATERIAL SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE E.I.C. AT THE EXPENSE OF THE CONTRACTOR.

14. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT DUE TO THE NATURE OF REHABILITATION PROJECTS, THE EXACT EXTENT OF THE WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER AVAILABLE INFORMATION. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONSITIONS OR A.O.B.E.

15. THE CONTRACTOR SHALL EXAMINE AND VERIFY IN THE FIELD ALL EXISTING AND GIVEN CONDITIONS AND DIMENSIONS WITH THOSE SHOWN ON THE PLANS. IF FIELD CONDITIONS AND DIMENSIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL USE THE FIELD CONDITIONS AND DIMENSIONS AND MAKE THE APPROPRIATE CHANGES TO THOSE SHOWN ON THE PLANS, AS APPROVED BY THE E.I.C. THE RESULT OF THIS CHANGE SHALL BE NOTED ON THE DRAWINGS SUBMITTED FOR APPROVAL.

16. THE CONTRACTOR IS RESPONSIBLE TO PREVENT ANY DEBRIS AS A RESULT OF CONSTRUCTION ACTIVITIES FROM SPILLING OR ENTERING ONTO THE ADJACENT TRAFFIC LANE(S) WHICH IS OPEN FOR TRAFFIC.

17. THE CONTRACTOR SHALL BE REQUIRED TO PROTECT WORKERS AT ALL TIMES IN CONFORMANCE WITH APPLICABLE OSHA REGULATIONS. ANY PERMITS REQUIRED FOR WORKING IN CONFINED AREAS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN.

18. THE CONTRACTOR SHALL COORDINATE WORK WITH ANY CONTRACTORS, PUBLIC MAINTENANCE, OR UTILITY COMPANY OPERATIONS IN THE AREA TO ENSURE PROPER MAINTENANCE OF TRAFFIC AND TO AVOID CONSTRUCTION CONFLICTS.

19. WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA AND SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INCLUDED IN THE PRICE BID FOR THOSE ITEMS.

20. IF THE E.I.C. NOTIFIES THE CONTRACTOR OF ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THE AFFECTED AREA SHALL BE DISCONTINUED AND IMMEDIATE ACTIONS SHALL BE TAKEN TO CORRECT THE SITUATION TO THE SATISFACTION OF THE E.I.C. BEFORE WORK IS RESUMED.

CONTRACTOR COORDINATION:

21. THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH OTHER PROJECTS WITHIN THE WORK LIMITS. WHEN TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY AS DETERMINED BY THE ENGINEER IN CHARGE, THE CONTRACTOR SHALL COORDINATE ALL CONTRACT WORK IN THE AREA TO ENSURE THERE ARE NO WORK ZONE TRAFFIC CONTROL CONFLICTS, AS WELL AS ANY CONSTRUCTABILITY CONFLICTS.

SOIL AND SOIL EROSION CONTROL NOTES:

22. GROUND WATER MAY BE ENCOUNTERED DURING THE INSTALLATION OF THE VARIOUS CONTRACT ITEMS. THE COST FOR NECESSARY DEWATERING SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.

23. ANY PROPOSED CHANGES TO THE EROSION AND WATER POLLUTION CONTROL MEASURES SHALL BE APPROVED BY THE E.I.C. PRIOR TO BEING IMPLEMENTED.

24. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO A CONDITION APPROVED BY THE E.I.C.

SIGNS:

25. WHEN A NEW SIGN IS INSTALLED TO REPLACE AN EXISTING SIGN, THE EXISTING SIGN SHALL BE IMMEDIATELY REMOVED UPON COMPLETION OF THE NEW SIGN INSTALLATION.

INVASIVE SPECIES:

26. OCCURENCES OF INVASIVE SPECIES ARE WIDE SPREAD AND INDETERMINED, ACTUAL SQUARE FOOTAGE OF AREA IS UNKNOWN. INVASIVE SPECIES LOCATIONS TO BE CONTROLLED BY APPLICATION OF HERBICIDE SHALL BE IDENTIFIED BY THE ENGINEER. COST INCLUDED UNDER ITEM 617.01010024.

27. CONTRACTOR SHALL CLEAN EQUIPMENT TO PREVENT SPREAD OF INVASIVE SPECIES. COST INCLUDED UNDER ITEM 617.11000024.

28. THE CONTRACTOR SHALL WAIT TO BEGIN WORK IN AREAS SLATED FOR DISTURBANCE UNTIL BRIEFED ON THE INVASIVE SPECIES CONTROL MEASURE(S) TO BE IMPLEMENTED. THE EIC WILL CONTACT THE CONSTRUCTION ENVIRONMENTAL COORDINATOR (CEC) AND REGIONAL LANDSCAPE ARCHITECT (RLA) TO IDENTIFY INVASIVE SPECIES IN AREAS SLATED FOR DISTURBANCE AND EVALUATE THE NEED FOR CONTROL METHODS, INCLUDING REMOVAL. THE EIC WILL CONTACT THE CEC AND RLA PRIOR TO START OF WORK TO SCHEDULE ANY WARRANTED FOLLOW UP EVALUATIONS.

SPECIES - PHRAGMITES IS FOUND GROWING ADJACENT TO THE WETLAND AREAS. AS PER SECTION 107-01 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL MAKE A CONCERTED EFFORT TO PREVENT THE SPREAD OF INVASIVE SPECIES.

CONTROL - BEFORE CONSTRUCTION

WHERE EARTH WILL BE DISTURBED-
HERBICIDE: FOLLOW RECOMMENDATIONS ON HERBICIDE CHOSEN. IF ANY WORK IS DONE IN AREAS WHERE PHRAGMITES ARE GREEN AND GROWING, THEN THE PLANTS ARE TO BE TREATED FIRST WITH A HERBICIDE PER SPECIFICATION 617.01010024. AFTER TREATMENT, WAIT AS INDICATED ON HERBICIDE LABEL, THEN CUT AND REMOVE DEAD STALKS AS ABOVE. NOTE PHRAGMITES USUALLY TAKE 2 WEEKS TO FULLY RESPOND TO HERBICIDE. ALL CHEMICAL TREATMENTS WITHIN THE AREA COVERED DURING ORDINARY HIGH WATER OR ON THE SLOPE ADJACENT TO IT SHALL BE A PRODUCT THAT IS SAFE TO USE NEAR WATER.

EXCAVATION: ITEM 617.01030024 SHALL BE USED IN PLACE OF 203.02 TO EXCAVATE AREAS INFESTED WITH PHRAGMITES WHERE EARTH WILL BE DISTURBED. IF EARTH CONTAINING PHRAGMITES (INVASIVE PLANT MATERIAL) WILL BE DISTURBED, THEN EXCAVATION OF THE PHRAGMITES WILL TAKE PLACE PRIOR TO DISTURBANCE. THE PATCH SHOULD BE EXCAVATED TO BELOW THE DEPTH OF THE LAST RHIZOME DEVELOPMENT.

AREAS FOR WORK/STORAGE, BUT EARTH WILL BE UNDISTURBED-
IF PHRAGMITES IS DORMANT AND THE AREA WILL NOT BE EXCAVATED, CUT AND REMOVE DEAD STALKS AS PER ITEM 201.07. STALKS ARE CERTAIN TO CONTAIN SEEDS; CUT STALKS SHALL BE HANDLED AND DISPOSED OF AS PER 617.10000024. THEN TREAT NEW GREEN STALKS WITH HERBICIDE AS ABOVE WHEN THEY APPEAR. EQUIPMENT STORED IN SUCH AN AREA SHALL ALSO BE CLEANED UNDER ITEM 617.11000024.

DISPOSAL

617.10000024 DISPOSAL OF MATERIAL CONTAINING INVASIVE SPECIES SHALL BE USED FOR:
- ALL LIVE PLANT PARTS INCLUDING SEEDS, STALKS, ROOT CROWN, PROPAGULES, AND/OR ROOTS INCLUDING PHRAGMITES PLUMES.
- ALL DORMANT PLANT PARTS INCLUDING BARE ROOTS/RHIZOMES OF AND/OR SOIL CONTAINING ROOTS, ROOT CROWNS OR SEEDS OF INVASIVE SPECIES SUCH AS PHRAGMITES.

EQUIPMENT CLEANING

617.11000024 EQUIPMENT CLEANING FOR INVASIVE PLANT SPECIES SHALL BE USED FOR EQUIPMENT THAT HAS COME IN CONTACT WITH TERRESTRIAL INVASIVE PLANT SPECIES.

- THE EQUIPMENT SHALL BE THOROUGHLY CLEANED WHEN MOVING FROM INFESTED AREAS TO UNINFESTED AREAS AS INDICATED.
- AFTER HAVING WORKED IN AN AREA INFESTED WITH TERRESTRIAL INVASIVE SPECIES, EQUIPMENT SHALL NOT BE USED FOR OTHER WORK UNTIL IT HAS BEEN CLEANED.
- AT THE CONSTRUCTION ENTRANCE BEFORE MOVING EQUIPMENT FROM ONE ACCESS ROAD TO ANOTHER.

DESIGN SUPERVISOR P. PRESUTTI | DRAFTING S. BEAMAN | JOB MANAGER P. PRESUTTI | DESIGN P. PRESUTTI | CHECK A. BLACKMON | PROJECT MANAGER P. PRESUTTI | CHECK W. MCCORMICK

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AFFIX SEAL: ON:	ALTERED BY: ON:
STATE OF NEW YORK · PAUL JOSEPH PRESUTTI · LICENSED · 075463 · PROFESSIONAL ENGINEER	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:						
	ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69 I-481 UTILITY QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED GENERAL NOTES	CONTRACT NUMBER D265304 DRAWING NO. GNN-01 SHEET NO. 9

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

WZTC NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC THROUGHOUT THE LENGTH OF THE CONTRACT IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 619 OF THE CURRENT STANDARD SPECIFICATIONS, STANDARD SHEET 619-010, THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (NMUTCD) WITH THE NEW YORK STATE (NYS) 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 NMUTCD WITH NYS SUPPLEMENT SHALL APPLY. THE STANDARDS OF APPLICATION NOTED THEREIN AND ON THE PLANS ARE TO BE CONSIDERED MINIMUM STANDARDS.

3. PRIOR TO THE START OF ANY WORK OPERATIONS, ALL RELATED WORK FOR THE PROPOSED TRAFFIC CONTROL PLAN, AOBE, 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.

4. THE WORK ZONE TRAFFIC CONTROL (WZTC) PLANS SHOWN ARE TO BE CONSIDERED MINIMUM REQUIREMENTS. ADDITIONAL SIGNS AND/ OR TRAFFIC CONTROL DEVICES MAY BE REQUIRED AS DETERMINED BY THE ENGINEER, COST TO BE INCLUDED IN THE PRICE BID FOR THE APPROPRIATE ITEMS.

5. IF AT ANY TIME THE ENGINEER DETERMINES THAT TRAFFIC IS NOT BEING PROPERLY MAINTAINED WITHIN A WORK ZONE OR DETOUR ROUTE, THE CONTRACTOR SHALL IMMEDIATELY CORRECT THE INDICATED DEFICIENCY, AOBE.

6. TRAFFIC CONTROL DEVICES SHALL BE KEPT IN PROPER POSITIONS, CLEAN, AND LEGIBLE, REGARDLESS OF VARYING CONDITIONS.

7. 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, AOBE. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.

8. ALL ROADWAY SURFACES ARE TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.

9. THE CONTRACTOR MAY SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE WORK ZONE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE REGIONAL TRAFFIC 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 REGIONAL TRAFFIC ENGINEER OR DESIGNEE THIRTY (30) DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.

10. THE CONTRACTOR SHALL HAVE TRAINED PERSONNEL DESIGNATED TO PATROL THE CONTRACT AREA, AS NECESSARY, TO ENSURE THAT CONDITIONS ON THE SITE ARE ADEQUATE FOR PUBLIC SAFETY AT ALL TIMES. THIS PERSON SHALL HAVE RECEIVED TRAINING THROUGH AN APPROVED NYSDOT TRAINING PROGRAM. ALL COSTS ASSOCIATED WITH PROJECT SITE PATROLS SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.

11. PLAN AHEAD TO AVOID CONFLICTING WORK ZONES. CHECK FOR CONSTRUCTION PROJECTS, CLOSURES, & RESTRICTIONS AT WWW.511NY.ORG, WWW.DOT.NY.GOV/PROJECTS, AND WITH THE ENGINEER IN CHARGE.

WORK AREA NOTE:

1. THE CONTRACTOR SHALL COORDINATE ANY WORK WITH OTHER CONTRACTORS, UTILITY COMPANIES, OR MUNICIPALITIES IN ORDER TO ENSURE PROPER WORK ZONE TRAFFIC CONTROL IS MAINTAINED.

2. WHEN TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP OR ARE IN CLOSE PROXIMITY AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL ENSURE THERE IS NO CONFLICTING SIGNAGE AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS. WORK AREAS ARE DEFINED AS THAT AREA IN WHICH TRAFFIC IS RESTRICTED BECAUSE OF CONSTRUCTION ACTIVITIES OR THAT AREA WHICH INVOLVES A DROP-OFF GREATER THAN 2 INCHES ADJACENT TO THE EDGE OF PAVEMENT. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 50 FEET DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY.

CONTRACTORS VEHICLES NOTES:

1. VEHICLES OR EQUIPMENT ARE NOT TO BE PARKED WITHIN THE CLEAR ZONE, ALONG THE ROADWAY USED BY THE GENERAL PUBLIC, OR ANY OTHER AREAS DEEMED HAZARDOUS BY THE ENGINEER.

2. VEHICLES PARKED BEHIND GUIDE RAIL/ BARRIER SHALL BE PARKED BEYOND THE GUIDE RAIL/ BARRIER DEFLECTION DISTANCE.

3. VEHICLES BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S WORKERS SHALL NOT BE PARKED ON THE PAVEMENT OR SHOULDERS ALONG THE ROADWAY WHERE PARKING IS NOT NORMALLY PERMITTED. IN ADDITION, THE CONTRACTOR SHALL NOT PARK EQUIPMENT OR STORE MATERIALS WHERE IT IS DEEMED BY THE ENGINEER TO BE A SAFETY HAZARD.

4. VEHICLES BELONGING TO EITHER THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL NOT BE PARKED IN A MANNER WHICH OBSTRUCT SIGNS, BARRIERS, BARRICADES, OR OTHER TRAFFIC CONTROL DEVICES, NOR IN A MANNER WHICH INTERFERES WITH ACCESS TO ABUTTING PROPERTIES.

CONSTRUCTION AND TRAFFIC SIGNAGE NOTES:

1. ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE NMUTCD AND WITH THE NYS SUPPLEMENT. THE LOCATIONS OF THE SIGNS SHOWN ON THE 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 THE ENGINEER IN CHARGE.

2. ALL SIGNS, INCLUDING GUIDE SIGNS, SHALL INDICATE ACTUAL CONDITIONS AT ALL TIMES.

3. ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE CONSTRUCTION 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. 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 STATE. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT. THE COST OF COVERING SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01. THE COST FOR SIGN PANELS USED TO COVER CONFLICTING SIGNS ARE TO BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL, ITEM 619.01.

4. THE MODIFICATION, RELOCATION OR ADJUSTMENT OF EXISTING SIGNS FOR WORK ZONE TRAFFIC CONTROL PURPOSES, NOT ALREADY SHOWN ON THE PLANS, SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.

5. THE CORRECT SPACING, SEQUENCE AND LOCATION OF THE SIGNS SHALL BE MAINTAINED AT ALL TIMES AS SPECIFIED BY THE NMUTCD AND WITH THE NYS SUPPLEMENT. THE LOCATIONS OF THE SIGNS SHOWN ON THE TRAFFIC CONTROL PLANS AND DETAILS, FOUND IN THE CONTRACT DOCUMENTS, ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

6. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.

7. 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.

8. 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 CHARGE, EXCEPT WHERE ONE SHOULDER IS CLOSED.

9. SIGNS MOUNTED ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A SADDLE TYPE BRACKET. IF THE BRACKET ALLOWS THE SIGN PANEL TO BE TURNED PARALLEL TO THE ROADWAY, THE SIGN WILL REMAIN IN PLACE WHEN NOT APPLICABLE, BUT LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED.

10. 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 WAY.

11. WARNING FLAGS ON SIGNS MAY BE USED TO INCREASE THE VISIBILITY OF WORK ZONE SIGNS DURING DAYLIGHT HOURS.

12. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN TABLE 6F-1 OF THE NMUTCD. THESE DIMENSIONS MAY BE INCREASED WHENEVER NECESSARY FOR GREATER LEGIBILITY OR EMPHASIS.

DELINEATION AND GUIDING DEVICES NOTES:

1. DELINEATION AND GUIDING DEVICES AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.

2. THE CONTRACTOR IS RESPONSIBLE FOR FREQUENT CHECKS OF THE CHANNELIZING DEVICES THROUGHOUT THE WORK ZONE AND TO RESET DEVICES DISLODGED BY TRAFFIC. ADEQUATE BALLAST SHALL BE PROVIDED TO ENSURE THAT DEVICES ARE NOT DISLODGED BY PASSING TRAFFIC.

3. WHERE POSSIBLE ALL DELINEATION AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2 FOOT CLEARANCE TO THE TRAVELED WAY UNLESS OTHERWISE SHOWN ON THE PLANS.

4. ALL TRAFFIC CONTROL DEVICES INITIALLY FURNISHED FOR THIS PROJECT SHALL BE IN AN ACCEPTABLE CONDITION AS DEFINED BY THE GUIDELINES PAMPHLET DEVELOPED BY THE AMERICAN TRAFFIC SAFETY SERVICE ASSOCIATION (ATSSA). AS THE CONDITION OF DEVICES DETERIORATE OVER TIME, THOSE THAT FALL BELOW THE MARGINAL CATEGORY SHALL BE REPLACED.

5. DELINEATORS SHALL BE INSTALLED AT 40 FOOT INTERVALS AT ALL LOCATIONS WHERE TEMPORARY CONCRETE BARRIER, MEDIAN BARRIER, GUIDE RAILING, AND/OR BRIDGE RAILING IS ADJACENT TO RESTRICTED TRAVEL LANES (I.E. LANE AND/OR SHOULDER WIDTH LESS THAN EXISTING). DELINEATORS ARE TO BE WHITE ON MOTORIST'S RIGHT AND YELLOW ON MOTORIST'S LEFT.

ACCESS NOTES:

1. THE CONTRACTOR SHALL PLAN AND INCORPORATE ACCESS POINTS INTO THE WORK ZONE SUCH THAT, TO THE EXTENT PRACTICAL, THE CONTRACTOR'S VEHICLES ENTERING AND LEAVING THE WORK ZONE SHALL NOT IMPEDE THE MOVEMENT OF THROUGH TRAFFIC IN THE ADJACENT OPEN LANES.

2. WHERE CONTRACTOR'S VEHICLES ENTER OR EXIT A WORK ZONE A SPOTTER/FLAGGER MAY BE REQUIRED, AOBE. FLAGGER/SPOTTER SHALL MEET ALL REQUIREMENTS AS SPECIFIED IN SECTION 619 OF THE STANDARDS SPECIFICATIONS. COST FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.

3. THE CONTRACTOR SHALL ENSURE THAT ACTIVE LANES OF TRAFFIC ON FREEWAYS ARE NOT CROSSED BY PEDESTRIAN WORKERS. FOR ALL OTHER HIGHWAYS, THE CONTRACTOR SHALL ENSURE THAT PEDESTRIAN WORKERS CROSS ACTIVE LANES OF TRAFFIC ONLY AT PROPERLY MARKED OR UNMARKED CROSSWALKS AND/OR DEDICATED PEDESTRIAN WALKWAYS. IT IS REQUIRED THAT THE PROJECT SAFETY AND HEALTH PLAN ADDRESS ACCESS TO EACH WORK AND STAGING AREA.

TIME RESTRICTIONS / SEASONAL RESTRICTIONS:

1. THE CONTRACTOR SHALL SCHEDULE WORK SO THAT NO ADDITIONAL TRAVEL LANES AND/OR RAMPS ARE CLOSED WHEN THE CONTRACTOR'S OPERATIONS ARE CLOSED DOWN. NO WORK REQUIRING THE CLOSING OF ADDITIONAL LANES OR RAMPS SHALL BE PERMITTED ON THE FOLLOWING HOLIDAYS:

   - MEMORIAL DAY
   - INDEPENDENCE DAY
   - LABOR DAY
   - COLUMBUS DAY
   - THANKSGIVING
   - CHRISTMAS
   - NEW YEARS DAY

   FOR SOME OF THE HOLIDAYS LISTED IT WILL BE NECESSARY TO PROHIBIT ADDITIONAL CLOSURES FOR A PERIOD OF TIME BEFORE AND AFTER THE HOLIDAY. THE DURATION OF THE CLOSURE RESTRICTION WILL BE AS ORDERED BY THE ENGINEER.

LANE CLOSURES:

1. A SINGLE, LONG CLOSURE IS PREFERRED OVER SERIES OF SUCCESSIVE SHORTER LANE CLOSURES. THE LENGTH OF THE LANE CLOSURE SHALL BE THE MINIMUM NECESSARY TO ACCOMPLISH THE PLANNED WORK SAFELY AND EFFICIENTLY. THE APPROPRIATE LENGTH OF LANE CLOSURE SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

2. THE CONTRACTOR SHALL START SHORT TERM LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, (I.E. BEFORE CURVES AND CRESTS) TO THE EXTENT PROJECT AND TRAFFIC CONDITIONS PERMIT.

3. THE CONTRACTOR SHALL NOT MIX CHANNELIZATION DEVICES IN A LINEAR CLOSURE OR TAPER (I.E. CONES, VERTICAL PANELS AND DRUMS) SHALL NOT BE USED IN THE SAME TAPER OR CLOSURE. HOWEVER, DIFFERENT CHANNELIZATION DEVICES MAY BE USED IN DIFFERENT AREAS OF A PROJECT.

4. 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, THE AFFECTED LANE CLOSURES SHALL BE REMOVED AND THE ROADWAY OPENED TO TRAFFIC.

PAVEMENT MARKINGS:

1. PAVEMENT MARKINGS WHICH ARE COVERED SHALL BE COVERED UTILIZING AN APPROVED PAVEMENT MARKING COVERING TAPE SPECIFICALLY DESIGNED FOR THE PURPOSE OF COVERING PAVEMENT MARKINGS, AND APPROVED BY THE ENGINEER. THE COST FOR COVERING OF EXISTING PAVEMENT MARKINGS SHALL BE INCLUDED IN THE PRICE BID FOR PREFORMED BLACK TAPE.

2. IN ACCORDANCE WITH SECTION 619, IF SO SPECIFIED IN THE CONTRACT, THE CONTRACTOR SHALL APPLY AND MAINTAIN CONSTRUCTION ZONE PAVEMENT MARKINGS AND/OR SHORT TERM PAVEMENT MARKINGS. MAINTENANCE OF PAVEMENT MARKINGS SHALL INCLUDE REMARKING AREAS WHERE THE ENGINEER DETERMINES THE MARKINGS ARE NOT CLEAR, NO LONGER EFFECTIVE OR COULD POTENTIALLY MISGUIDE MOTORISTS. THIS SHALL INCLUDE REAPPLYING, IF REQUIRED, ISOLATED AREAS OUTSIDE OF PREVIOUSLY DISTURBED CONSTRUCTION ZONES. WHERE EXISTING PAVEMENT MARKINGS HAVE BEEN OBLITERATED BY THE CONTRACTORS OPERATIONS THERE WILL BE NO ADDITIONAL PAYMENT FOR THIS WORK.

3. EXISTING PAVEMENT MARKINGS OUTSIDE OF PREVIOUSLY DISTURBED CONSTRUCTION ZONES SHALL BE MAINTAINED AND RE-STRIPED IF REQUIRED BY THE ENGINEER. THIS MAY INCLUDE, BUT NOT BE LIMITED TO RE-STRIPING THE EXISTING ROADWAY OR RE-STRIPING AREAS THAT ARE NOT SCHEDULED FOR WORK UNTIL LATER PHASES OF CONSTRUCTION. GENERALLY THIS WORK WILL BE REQUIRED IF THE WORK ZONE PAVEMENT MARKINGS WILL NOT BE APPLIED WITHIN 30 DAYS ONCE THE NEED TO RE-STRIPE HAS BEEN IDENTIFIED 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 REAPPLIED AS ORDERED BY THE ENGINEER.

4. THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKINGS AT ALL TIMES ON ALL PAVEMENT: WHETHER EXISTING, TEMPORARY OR NEW, UNTIL PERMANENT MARKINGS ARE INSTALLED OR RESTORED. THIS SHALL INCLUDE AT ALL APPROPRIATE LOCATIONS, EDGE LINES, LANE LINES (SOLID OR BROKEN), CHANNELIZING LINES, DOTTED LINES, PLUS ANY MARKINGS ORDERED BY THE ENGINEER. ALL MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE NMUTCD WITH NYS SUPPLEMENT AND SHALL INDICATE ACTUAL CONDITIONS AT ALL TIMES. ADDITIONAL PAVEMENT MARKINGS SHALL BE PAID FOR UNDER THE PRICE BID FOR THE APPROPRIATE PAVEMENT MARKING ITEMS. SHORT-TERM PAVEMENT MARKINGS ARE TO BE 6 INCHES WIDE FOR CENTERLINES AND EDGE LINES (IF NECESSARY). SHORT-TERM PAVEMENT MARKINGS, 12 INCHES WIDE, SHALL BE USED TO RE-ESTABLISH GORE OUTLINES AT ON AND OFF RAMPS.

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.

TRAFFIC SIGNALS:

1. WHEN CONSTRUCTION OPERATIONS EFFECT SIGNALIZED INTERSECTIONS, THE TRAFFIC SIGNAL SHALL BE TURNED OFF BEFORE PROCEEDING WITH THE FLAGGING OPERATION, AND ANY EXISTING W3-3 SIGNS COVERED.

2. THE CONTRACTOR SHALL RETURN THE SIGNAL TO A 3-COLOR OPERATION AT THE END OF THE WORK OPERATION. IF THE SIGNAL DOES NOT RETURN TO 3-COLOR OPERATION, THE CONTRACTOR SHALL NOTIFY THE REGION 3 SIGNAL CREW AND MUST CONTINUE FLAGGING UNTIL THE SIGNAL CREW ARRIVES AND THE SIGNAL IS REPAIRED.

3. THE CONTRACTOR SHALL OBTAIN A POLICE PANEL KEY FROM, AND RETURN IT TO, THE REGION 3 NYS DOT SIGNAL CREW EIC.

4. THE NYS DOT SIGNAL CREW EIC CAN BE REACHED AT 315-428-4064 OR 315-426-2131.

TRAVEL LANE WIDTHS IN WORK ZONE:

1. WHERE NOT SHOWN IN THE WZTC PLANS OR OTHERWISE AUTHORIZED BY THE NYSDOT, TRAVEL LANE WIDTHS IN WORK ZONES SHALL BE A MINIMUM OF 11 FEET ON FREEWAYS, RAMPS, EXPRESSWAYS AND MULTI-LANE* CONVENTIONAL ROADWAYS AND 10 FEET ON ALL OTHER CONVENTIONAL ROADWAYS.
   *(MULTI-LANE ROADWAYS ARE THOSE WITH TWO OR MORE THRU LANES IN ONE OR BOTH DIRECTIONS.)

TEMPORARY POSITIVE BARRIER - DRAINAGE:

1. TEMPORARY POSITIVE BARRIER SHALL HAVE PROVISION FOR DRAINAGE TO KEEP TRAVEL LANES FREE OF PONDING. THE INTERVAL FOR DRAINAGE SLOTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | PROJECT MANAGER J. OTTMAN | CHECK J. MESSENGER

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AFFIX SEAL:
ON: 06/12/2024

STATE OF NEW YORK
JONATHAN W GOTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WORK ZONE TRAFFIC CONTROL PLAN
GENERAL NOTES

CONTRACT NUMBER D265304

DRAWING NO. WZTC-01
SHEET NO. 10

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

SHADOW VEHICLES:

1. SHADOW VEHICLES ARE REQUIRED FOR SETTING UP OF TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES. THE SHADOW VEHICLES SHALL BE EQUIPPED WITH TRUCK MOUNTED ATTENUATOR (TMA) AND SHALL BE INCLUDED IN THE PRICE BID FOR BASIC WORK ZONE TRAFFIC CONTROL.

2. IN ADDITION TO REQUIREMENTS OF SECTION 619 OF THE STANDARD SPECIFICATIONS, AND UNLESS OTHERWISE APPROVED BY THE EIC, THE CONTRACTOR SHALL PROVIDE SHADOW VEHICLES FOR ALL ACTIVE WORK AREAS OCCUPYING ANY TRAVEL LANE OR SHOULDER CLOSED TO TRAFFIC WITH CONES, DRUMS OR OTHER CHANNELIZING DEVICES. A SEPARATE SHADOW VEHICLE SHALL BE PROVIDED FOR EACH CLOSED LANE AND EACH SHOULDER 8 FEET OR GREATER IN WIDTH. EXCEPTIONS TO THE REQUIREMENT MAY BE MADE WHERE, AS DETERMINED BY THE EIC, THE SHADOW VEHICLE PLACEMENT WOULD BE INEFFECTIVE OR WOULD INTERFERE WITH THE SAFE OPERATION OF TRAFFIC.

3. SHADOW VEHICLES SHALL BE USED AT ANY TIME THE MINIMUM BUFFER SPACE CANNOT BE ACHIEVED.

4. A SHADOW VEHICLE SHALL BE POSITIONED UPSTREAM FROM EACH WORK ACTIVITY WHERE WORKERS ARE CONCENTRATED AND WHERE INTRUSIONS ARE A CONCERN. THE ROLL AHEAD DISTANCE (DISTANCE HAZARD) SHALL BE A MINIMUM OF 200 FEET, AND SHALL BE BASED ON TRAFFIC AND ROADWAY CONDITIONS, INCLUDING TRAFFIC SPEED AND TRUCK TRAFFIC VOLUMES. SHADOW VEHICLES MUST BE MOVED WITH THE WORK ACTIVITY TO MAINTAIN THE PROPER POSITION WITH RESPECT TO THE WORK ZONE. IF THE WORK AREAS MOVE WITHIN A STATIONARY LANE OR SHOULDER CLOSURE THE SHADOW VEHICLE SHALL BE REPOSITIONED ACCORDINGLY.

ARROW PANELS:

1. LOCATIONS OF ALL ARROW PANELS ARE APPROXIMATE. FINAL LOCATIONS WILL BE AS ORDERED BY THE ENGINEER.

PROJECT COORDINATION:

1. ALL WORK ZONE TRAFFIC CONTROL SETUPS AND ADVANCED APPROACH SIGNAGE SHALL BE COORDINDATED WITH THE ADJACENT NYSDOT I-81 VIADUCT PROJECT PHASE 1, CONTRACT 1, D900054, PIN 3501.90.

SIGNS

1. ALL CONSTRUCTION SIGNS SHALL BE MOUNTED AT A HEIGHT OF 7 FEET ABOVE THE EDGE OF TRAVEL LANE.

2. SIGNS SHALL NOT ENCROACH MORE THAN 4" INTO SHOULDERS USED BY PEDESTRIANS OR BICYCLES.

3. WHERE SHOULDER WIDTHS ARE LIMITED AND SIGNS CANNOT BE ERECTED BEYOND THE SHOULDER, CONSTRUCTION SIGNS MAY NEED TO BE MOUNTED ON CONCRETE MEDIAN BARRIERS, BRIDGE PARAPETS, ETC.

DELINEATORS

1. SINGLE LARGE DELINEATORS WITH RETROREFLECTIVE ASTM TYPE IX SHEETING 6" X 12", SHALL BE INSTALLED AT 20 FOOT INTERVALS FOR ALL LOCATIONS WHERE TEMPORARY CONCRETE BARRIER IS USED AND FOR ALL LOCATIONS WHERE PERMANENT CONCRETE BARRIER, GUIDE RAILING, AND/OR BRIDGE RAILING IS ADJACENT TO A LANE AND/OR SHOULDER WHERE THE WIDTH IS LESS THAN EXISTING. THE COLOR OF THE RETROREFLECTIVE DELINEATOR SURFACE SHALL MATCH THE COLOR OF THE EDGE OF PAVEMENT MARKINGS AS VIEWED BY APPROACHING TRAFFIC. DELINEATORS SHALL BE CLEARLY VISIBLE UNDER NORMAL CONDITIONS FROM A DISTANCE OF 1,000 FEET WHEN ILLUMINATED BY THE HIGH BEAMS OF STANDARD AUTOMOBILE HEADLIGHTS. THE COST (INCLUDING REMOVAL) SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.

FLAGGERS:

1. WHEN A PEDESTRIAN APPROACHES A FLAGGER STATION, THE FLAGGER SHALL STOP TRAFFIC AND DIRECT THE PEDESTRIAN TO A SAFE ROUTE THROUGH THE WORK AREA. FLAGGERS SHALL COORDINATE THE FLAGGING OF THE WORK ZONE TO ENSURE PEDESTRIANS CAN SAFELY PROCEED THROUGH THE AREA. IF THERE IS WORE THAN THE OCCASIONAL PEDESTRIAN WITHIN THE PROJECT LIMITS, REFER TO THE SITE SPECIFIC PEDESTRIAN WZTC PLAN.

GUIDE RAIL:

1. GUIDE RAIL SHALL NOT BE REMOVED FROM ANY LOCATION WHERE TRAFFIC IS BEING MAINTAINED UNTIL THE CONTRACTOR OR SUB-CONTRACTOR IS PREPARED TO FULLY INSTALL THE NEW SECTION OF RAIL OR A TEMPORARY CONCRETE BARRIER. INSTALLATION OF THE NEW GUIDE RAIL SHALL BEGIN AS SOON AS PRACTICAL AFTER REMOVAL OF THE EXISTING RAIL. INSTALLATION WORK ON ANY INDIVIDUAL LOCATION SHALL CONTINUE UNTIL ALL THE RAILING AT THAT LOCATION HAS BEEN INSTALLED. THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO REPLACE ALL RAIL ON THE SAME DAY AS REMOVED UNLESS SUBSEQUENT CONSTRUCTION OPERATIONS MAKE IT IMPRACTICAL TO DO SO. WHEN GUIDE RAIL OR MEDIAN BARRIER CANNOT BE REPLACED ON THE SAME DAY AS REMOVED, TEMPORARY CONCRETE BARRIER SHALL BE INSTALLED OR IT SHALL BE REPLACED WITHIN THE TIMES STATED BELOW.

TIME DURATIONS FOR GUIDE RAIL REMOVAL AND REPLACEMENT	
WORK OPERATION	MAX TIME DURATION
SHOULDER REINFORCEMENT	SAME DAY
OVERHEAD SIGN POLES	SAME DAY
LOCATIONS WHERE GUIDE RAIL PREVIOUSLY DID NOT EXIST AND WHERE NOT PREVIOUSLY WARRANTED	14 CALENDAR DAYS

2. DURING NON-WORK HOURS, WHEN TRAFFIC IS BEING MAINTAINED ON THE FACILITY, ALL TEMPORARY ENDS (FREE ENDS) OF GUIDE RAIL, MEDIAN BARRIER AND BRIDGE RAIL SHALL BE MARKED WITH A CHANNELIZING DRUM OR OBJECT MARKER EQUIPPED WITH A TYPE A FLASHING LOW INTENSITY WARNING LIGHT AND TEMPORARILY TERMINATED AS INDICATED IN NOTE 3 BELOW.

3. CORRUGATED BEAM GUIDE RAIL AND MEDIAN BARRIER AND HEAVY POST BLOCKED OUT CORRUGATED BEAM GUIDE RAIL AND MEDIAN BARRIER SHALL BE TEMPORARILY TERMINATED BY HAVING THE EXPOSED ENDS (FREE ENDS) DROPPED TO THE GROUND AND PINNED IN A MANNER APPROVED BY THE ENGINEER. THE APPROACH ENDS OF BOX BEAM GUIDE RAIL, MEDIAN BARRIER AND BRIDGE RAIL SHALL BE ASSEMBLIES UTILIZING TWO SPLICE PLATES AND THE PROPER NUMBER OF BOLTS PER CONNECTION. NO POSTS FOR ANCHORAGES WILL BE REQUIRED. SPECIAL TEMPORARY SPLICE PLATES WILL BE REQUIRED TO ADAPT BOX BEAM GUIDE RAIL END ASSEMBLIES TO BOX BEAM MEDIAN BARRIERS.

VEHICLE RESTRICTIONS:

1. THE CONTRACTOR SHALL REPORT ANY RESTRICTION (AS DEFINED BELOW) ON HIGHWAYS, RAMPS, OR BRIDGES AT LEAST SIX (6) BUSINESS WEEKDAYS IN ADVANCE OF THE RESTRICTION. SIX (6) DAYS LEAD TIME IS NECESSARY TO PROVIDE THE RTMC ADEQUATE TIME TO PREVENT ISSUANCE OF SPECIAL HAULING PERMITS THAT WOULD ROUTE OVERSIZE VEHICLES OVER THE RESTRICTED SECTION OF THIS CONTRACT.

   RESTRICTIONS SHALL BE DEFINED AS ONE OR MORE OF THE FOLLOWING:

   (a) COMPLETE CLOSURE OF A HIGHWAY, RAMP OR BRIDGE.
   (b) INSTALLATION OF BARRIER OR CHANNELIZING DEVICES THAT RESULT IN AN UNOBSTRUCTED WIDTH LESS THAN 18 FEET ALONG A HIGHWAY, RAMP OR BRIDGE.
   (c) SUITABLE DRIVING SURFACES OF LESS THAN 18 FEET IN WIDTH.
   (d) AVAILABLE VERTICAL CLEARANCE ABOVE THE HIGHWAY IS LESS THAN 14 FEET IN HEIGHT.
   (e) WORK WOULD LIMIT VEHICLE LENGTH (I.E. TURNING ABILITY).
   (f) CHANGING THE LOAD CAPACITY OF A HIGHWAY, RAMP OR BRIDGE.

   THE CONTRACTOR SHALL ALSO GIVE VERBAL NOTIFICATION AT LEAST SEVEN (7) BUSINESS DAYS (I.E. MONDAY THROUGH FRIDAY EXCLUDING HOLIDAYS) PRIOR TO AND AT THE END OF A RESTRICTION ON ANY ROADWAY TO THE:

   ONONDAGA COUNTY: EMERGENCY CONTROL CENTER (315) 425-2111
   HIGHWAY PERMIT AGENT (315) 435-3176

GUIDE RAIL(CONTINUED):

4. FAILURE TO COMPLETE WITHIN THE TIME FRAMES NOTED HEREIN, AS DETERMINED BY THE ENGINEER, WILL RESULT IN THE ASSESSMENT OF NON-PAYMENT FOR A CALENDAR DAY FOR ITEM 619.01 BASIC WORK ZONE TRAFFIC CONTROL FOR EACH CALENDAR DAY DURING WHICH THE CITED GUIDE RAIL INSTALLATION AREA IS NOT COMPLETE. THE AMOUNT OF EACH CALENDAR DAY NON-PAYMENT WILL BE IN ACCORDANCE WITH SECTION 619-5. IN ADDITION, LIQUIDATED DAMAGES WILL BE ASSESSED AT A RATE SHOWN IN TABLE 108-1 OF SECTION 108-03 FOR EACH SUBSEQUENT CALENDAR DAY OR PART THEREOF THAT A CITED GUIDE RAIL LOCATION RESULTING IN NON-PAYMENT OF ITEM 619.01 AS PRESCRIBED ABOVE IS NOT COMPLETE.

DAILY LANE, RAMP, AND SHOULDER CLOSURE RESTRICTIONS:

1. WORK ZONES SHALL BE RESTRICTED TO ONE SIDE OF THE ROADWAY AT A TIME ON UNDIVIDED HIGHWAYS AND TO ONE SIDE OF THE ROADWAY AT A TIME IN EACH DIRECTION ON DIVIDED ROADWAYS, UNLESS APPROVED BY THE ENGINEER.

2. THE CONTRACTOR SHALL SCHEDULE WORK SO THAT ALL TRAVEL LANES AND RAMPS IN EACH DIRECTION ARE OPEN WHEN THE CONTRACTOR'S OPERATIONS ARE CLOSED DOWN OR SUBSTANTIALLY CLOSED DOWN.

NOTIFICATION REQUIREMENTS:

1. THE CONTRACTOR IS REQUIRED TO CONTACT THE APPROPRIATE SCHOOL AND EMERGENCY SERVICE ORGANIZATIONS WITH RESPECT TO THE EFFECT OF ROAD WORK, TRAVEL LANE REDUCTIONS, AND DETOURS ON OPERATIONS. THIS CONTACT SHALL BE MADE AS CONDITIONS CHANGE AND AT LEAST TWO WEEKS PRIOR TO IMPLEMENTING THE TRAFFIC CONTROL PLAN AND/OR DETOUR TO ALLOW ADEQUATE TIME FOR THE ORGANIZATIONS TO COORDINATE AND MAKE NECESSARY ADJUSTMENTS TO RESPONSE SCHEDULES AND ROUTES.

2. REGION 3 HAS WORK ZONE TRAFFIC CONTROL NOTIFICATION POLICY WHICH REQUIRES ENGINEERS TO NOTIFY THE REGIONAL TRANSPORTATION MANAGEMENT CENTER (RTMC) PRIOR TO ALLOWING A CONTRACTOR TO IMPLEMENT WORK ZONE TRAFFIC CONTROL ACTIVITIES WITHIN THE HIGHWAY RIGHT OF WAY. WORK ZONE NOTIFICATION IS REQUIRED FOR THE FOLLOWING:

   ALL OTHER STATE HIGHWAYS: ALL LANE CLOSURES WHOSE DURATION WILL BE GREATER THAN 2 HOURS AND ALL ROAD/BRIDGE CLOSURES.

3. THE CONTRACTOR SHALL REPORT PROPOSED WZTC ACTIVITIES NOTED ABOVE TO THE ENGINEER BY 8:00 AM OF THE BUSINESS WEEKDAY (I.E. MONDAY THROUGH FRIDAY EXCLUDING HOLIDAYS) PRECEDING THE PROPOSED WZTC ACTIVITY. FAILURE TO DO SO WILL RESULT IN DISAPPROVAL TO PERFORM THE UNREPORTED WZTC ACTIVITY UNTIL THE ABOVE NOTIFICATIONS REQUIREMENT ARE SATISFIED.

4. NO PLANNED WZTC ACTIVITY SHALL BE IMPLEMENTED WITHOUT FIRST RECEIVING CLEARANCE FROM THE ENGINEER.

5. THE COST OF THIS WZTC REPORTING/NOTIFICATION SHALL BE INCLUDED IN THE PRICE BID FOR THIS CONTRACT'S RESPECTIVE WORK ZONE TRAFFIC CONTROL ITEM.

6. NON-PAYMENT:
   THE CONTRACTOR'S FAILURE TO COMPLY WITH THE REQUIREMENTS AS STATED ABOVE WILL BE CONSIDERED UNSATISFACTORY TEMPORARY WORK ZONE TRAFFIC CONTROL. PAYMENT WILL BE WITHHELD FOR THE VARIOUS CONTRACT ITEMS WHICH CONTAIN WORK ZONE TRAFFIC CONTROL PROVISIONS IN ACCORDANCE WITH TABLE 619-7 FOR EACH DAY THAT A FAILURE TO COMPLY OCCURS. FAILURE TO COMPLY WILL ALSO RESULT IN THE ASSESSMENT OF LIQUIDATED DAMAGES FOR EACH VIOLATION.

NON-PAYMENT

1. THE CONTRACTOR'S FAILURE TO COMPLY WITH THE REQUIREMENTS AS STATED ABOVE WILL BE CONSIDERED UNSATISFACTORY TEMPORARY WORK ZONE TRAFFIC CONTROL. PAYMENT WILL BE WITHHELD FOR THE VARIOUS CONTRACT ITEMS WHICH CONTAIN WORK ZONE TRAFFIC CONTROL PROVISIONS IN ACCORDANCE WITH TABLE 619-7 FOR EACH DAY THAT A FAILURE TO COMPLY OCCURS. FAILURE TO COMPLY WILL ALSO RESULT IN THE ASSESSMENT OF LIQUIDATED DAMAGES FOR EACH VIOLATION.

WORK ZONE TRAFFIC CONTROL REVISIONS

1. PROPOSED REVISIONS TO THE WORK ZONE TRAFFIC CONTROL (WZTC) PLAN OR MODIFICATIONS TO THE 619 STANDARD SHEETS SHALL BE SUBMITTED TO THE ENGINEER FOR THE REVIEW AND APPROVAL BY THE REGIONAL TRAFFIC ENGINEER PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH REVISIONS OR MODIFICATIONS. THE CONTRACTOR SHALL NOT IMPLEMENT THE PROPOSED REVISIONS WITHOUT APPROVAL FROM THE REGIONAL TRAFFIC ENGINEER.

DAILY LANE CLOSURES ON FREEWAYS:

1. MONDAY THROUGH FRIDAY LANE CLOSURE RESTRICTION (LCR) TABLE. NO LANE CLOSURES WILL BE PERMITTED ON THESE FREEWAYS DURING THESE TIMES.

ROUTE	DIR	LIMIT (FROM)	LIMIT (TO)	LCR FROM	LCR TO
RTE 481	SB	ROUTE 31	I-81 N. SYRACUSE	6:00 AM	9:00 AM
RTE 481	NB	I-81 N. SYRACUSE	ROUTE 31	3:00 PM	6:00 PM

2. MULTIPLE LANE CLOSURES ARE ONLY ALLOWED ON THE ROUTES AND LIMITS ABOVE BETWEEN 9:00 AM AND 3:00 PM

3. WZTC SIGN SET-UPS SHALL NOT BEGIN UNTIL 9:00AM FOR AREAS WITH A 6:00AM TO 9:00AM PEAK HOUR LANE CLOSURE RESTRICTION.

ROUTE 81 WEEKEND RESTRICTIONS

1. IN ADDITION TO THE OTHER RESTRICTIONS DESCRIBED IN THIS NOTE, FROM MEMORIAL DAY WEEKEND THROUGH COLUMBUS DAY WEEKEND, AT LEAST TWO TRAVEL LANES SHALL REMAIN OPEN FOR THROUGH TRAFFIC ON INTERSTATE 81 AS FOLLOWS:

   -FRIDAYS FROM 12:00 PM (NOON) TO 8:00 PM IN THE NORTHBOUND DIRECTION IN OSWEGO, ONONDAGA AND CORTLAND COUNTIES

   -SATURDAYS FROM 12:00 PM (NOON) TO 8:00 PM IN BOTH DIRECTIONS IN OSWEGO, ONONDAGA, AND CORTLAND COUNTIES

   -SUNDAYS FROM 12:00 PM (NOON) TO 8:00 PM IN THE SOUTHBOUND DIRECTION IN OSWEGO, ONONDAGA AND CORTLAND COUNTIES

   -FRIDAYS FROM 12:00 PM (NOON) TO 8:00 PM IN THE SOUTHBOUND DIRECTION IN ONONDAGA COUNTY FROM I-481 (SYRACUSE) TO ROUTE 11 (NEDROW)

CHANNELIZING DEVICES

1. ALL CHANNELIZING DEVICES SHALL BE PLACED SO AS TO PROVIDE A 2 FOOT LATERAL CLEARANCE TO THE TRAVELED WAY UNLESS OTHERWISE SHOWN ON THE PLANS. WHERE POSSIBLE A LATERAL BUFFER SPACE OF 2 FOOT MINIMUM SHALL BE PROVIDED BETWEEN THE WORK SPACE AND THE CHANNELIZING DEVICES.

2. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL BE $40\frac{5}{32}$ MAXIMUM FOR POSTED SPEED LIMITS 40 MPH OR GREATER AND $20\frac{5}{32}$ MAXIMUM FOR POSTED SPEED LIMITS 35 MPH OR LESS.

3. STANDARD CONES AND TUBULAR MARKERS SHALL NOT BE USED FOR CHANNELIZATION AND DELINEATION DURING THE HOURS OF DARKNESS, WHICH IS DEFINED AS THE PERIOD BETWEEN SUNSET AND SUNRISE.

CONSTRUCTION ENTRANCE

1. THE LOCATION OF THE CONSTRUCTION ENTRANCE(S) SHALL BE APPROVED BY THE ENGINEER. PAYMENT FOR THE CONSTRUCTION ENTRANCE SHALL BE INCLUDED IN ITEM 209.22, STABILIZED CONSTRUCTION ACCESS.

AFFIX SEAL: ON: 8/20/2024	ALTERED BY: ON:
STATE OF NEW YORK · JONATHAN W GLEESMAN · 075865 · LICENSED PROFESSIONAL ENGINEER	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE AND N.Y. ROUTE 481 / I-81 BARRIER TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED WORK ZONE TRAFFIC CONTROL PLAN GENERAL NOTES	CONTRACT NUMBER D265304 DRAWING NO. WZTC-02 SHEET NO. 11A1

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | PROJECT MANAGER J. OTTMAN | CHECK J. MESSENGER

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SEQUENCE OF CONSTRUCTION:

PHASE I

TRAFFIC:

1. TRAFFIC TO UTILIZE WORK ZONE TRAFFIC CONTROL PLAN. THIS INCLUDES:

   - N.Y. ROUTE 481 NORTHBOUND EXIT 10 OFF-RAMP

   REFER TO DRAWINGS WZTC-04, WZTC-07, AND WZTC-08 FOR TRAFFIC CONTROL PLAN LAYOUT INCLUDING SIGNAGE, PAVEMENT MARKINGS, AND CHANNELIZATION DEVICES.

SETUP:

1. PLACE / INSTALL INTERIM PAVEMENT MARKINGS (ITEM 619.100101) AND ASSOCIATED CONSTRUCTION SIGNAGE (ITEM 619.01) AS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS. COVER CONFLICTING PAVEMENT MARKINGS (ITEMS 619.0803). THE SIGNAGE AND STRIPING SHOWN ON THE PLANS IS CONSIDERED TO BE THE MINIMUM REQUIRED, ADDITIONAL SIGNAGE AND STRIPING MAY BE NECESSARY, ADBE. THE CONTRACTOR SHALL ENSURE THAT ALL APPLICABLE SIGNS THAT ARE EXISTING SHALL BE MAINTAINED AND CONFLICTING SIGNS COVERED AND/OR REMOVED, ADBE.
2. PLACE / INSTALL CHANNELIZATION DEVICES AS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS.

CONSTRUCTION SEQUENCE:

1. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES. REFER TO DWGS. ESC-01 THRU ESC-10.
2. CONSTRUCT WIDENING OF EXIT 10 OFF-RAMP AND PAVEMENT REPLACEMENT TO BINDER COURSE ON THE EASTSIDE FROM STA HR 0+00 TO HR 11+34.

PHASE II

TRAFFIC:

1. TRAFFIC TO UTILIZE WORK ZONE TRAFFIC CONTROL PLAN. THIS INCLUDES:

   - N.Y. ROUTE 481 NORTHBOUND EXIT 10 OFF-RAMP

   REFER TO DRAWINGS WZTC-05, WZTC-09, AND WZTC-10 FOR TRAFFIC CONTROL PLAN LAYOUT INCLUDING SIGNAGE, PAVEMENT MARKINGS, AND CHANNELIZATION DEVICES.

SETUP:

1. PLACE / INSTALL INTERIM PAVEMENT MARKINGS (ITEM 619.100101) AND ASSOCIATED CONSTRUCTION SIGNAGE (ITEM 619.01) AS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS. COVER CONFLICTING PAVEMENT MARKINGS (ITEMS 619.0803). THE SIGNAGE AND STRIPING SHOWN ON THE PLANS IS CONSIDERED TO BE THE MINIMUM REQUIRED, ADDITIONAL SIGNAGE AND STRIPING MAY BE NECESSARY, ADBE. THE CONTRACTOR SHALL ENSURE THAT ALL APPLICABLE SIGNS THAT ARE EXISTING SHALL BE MAINTAINED AND CONFLICTING SIGNS COVERED AND/OR REMOVED, ADBE.
2. PLACE / INSTALL CHANNELIZATION DEVICES AS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS.

CONSTRUCTION SEQUENCE:

1. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES. REFER TO DWGS. ESC-01 THRU ESC-07.
2. CONSTRUCT PAVEMENT REPLACEMENT TO BINDER COURSE ON THE WESTSIDE OF EXIT 10 OFF-RAMP FROM STA HR 0+00 TO HR 7+20.

PHASE III

TRAFFIC:

1. TRAFFIC TO UTILIZE WORK ZONE TRAFFIC CONTROL PLAN. THIS INCLUDES:

   - N.Y. ROUTE 481 NORTHBOUND EXIT 10 OFF-RAMP

SETUP:

1. PLACE / INSTALL CHANNELIZATION DEVICES AS NECESSARY IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 619 OF THE CURRENT STANDARD SPECIFICATIONS, THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (NMUTCD) WITH THE NEW YORK STATE (NYS) SUPPLEMENT, AND AS ORDERED BY THE ENGINEER (AOBE)

   SHORT TERM LANE AND SHOULDER CLOSURES TO BE SETUP DAILY, MAINTAINING TRAFFIC FLOW ON THE RAMP AT ALL TIMES.

CONSTRUCTION SEQUENCE:

1. MILL REMAINING ASHPALT PAVEMENT ON THE WESTSIDE OF EXIT 10 OFF-RAMP FROM STA HR 7+20 TO HR 11+34.
2. PAVE ENTIRE WIDTH OF EXIT 10 OFF-RAMP FROM STA HR 0+00 TO HR 11+34.

PHASE IV

TRAFFIC:

1. TRAFFIC TO UTILIZE WORK ZONE TRAFFIC CONTROL PLAN. THIS INCLUDES:

   - N.Y. ROUTE 481 NORTHBOUND MAINLINE

   REFER TO DRAWINGS WZTC-06, WZTC-11 THRU WZTC-15 FOR TRAFFIC CONTROL PLAN LAYOUT INCLUDING SIGNAGE, PAVEMENT MARKINGS, AND CHANNELIZATION DEVICES.

SETUP:

1. PLACE / INSTALL INTERIM PAVEMENT MARKINGS (ITEM 619.100101) AND ASSOCIATED CONSTRUCTION SIGNAGE (ITEM 619.01) AS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS. COVER CONFLICTING PAVEMENT MARKINGS (ITEMS 619.0803). THE SIGNAGE AND STRIPING SHOWN ON THE PLANS IS CONSIDERED TO BE THE MINIMUM REQUIRED, ADDITIONAL SIGNAGE AND STRIPING MAY BE NECESSARY, ADBE. THE CONTRACTOR SHALL ENSURE THAT ALL APPLICABLE SIGNS THAT ARE EXISTING SHALL BE MAINTAINED AND CONFLICTING SIGNS COVERED AND/OR REMOVED, ADBE.
2. PLACE / INSTALL CHANNELIZATION DEVICES AS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS.

CONSTRUCTION SEQUENCE:

1. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES. REFER TO DWGS. ESC-01 THRU ESC-10.
2. INSTALL NEW DRAINAGE STRUCTURES AS SHOWN ON DWGS. DRP-01 THRU DRP-05.
3. CONSTRUCT FULL DEPTH PAVEMENT REPLACEMENT ON THE LEFT SHOULDER FROM STA NB 346+75 TO NB 374+00.
4. INSTALL NEW CONRETE BARRIER ON THE LEFT SHOULDER FROM STA NB 346+75 TO NB 374+00.

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | PROJECT MANAGER J. OTTMAN | CHECK J. MESSENGER

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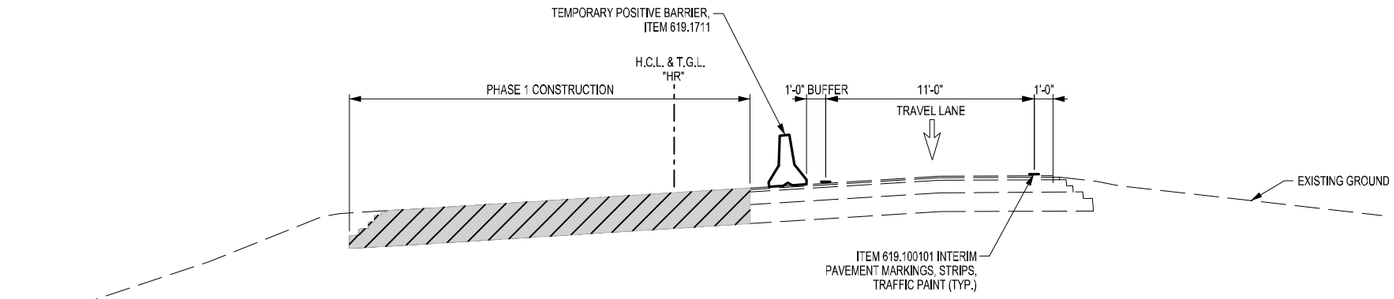
USER = tnajuch

AFFIX SEAL: ON: 06/11/2024	ALTERED BY: ON:

STATE OF NEW YORK · JONATHAN W OTTMAN · 075865 · LICENSED PROFESSIONAL ENGINEER

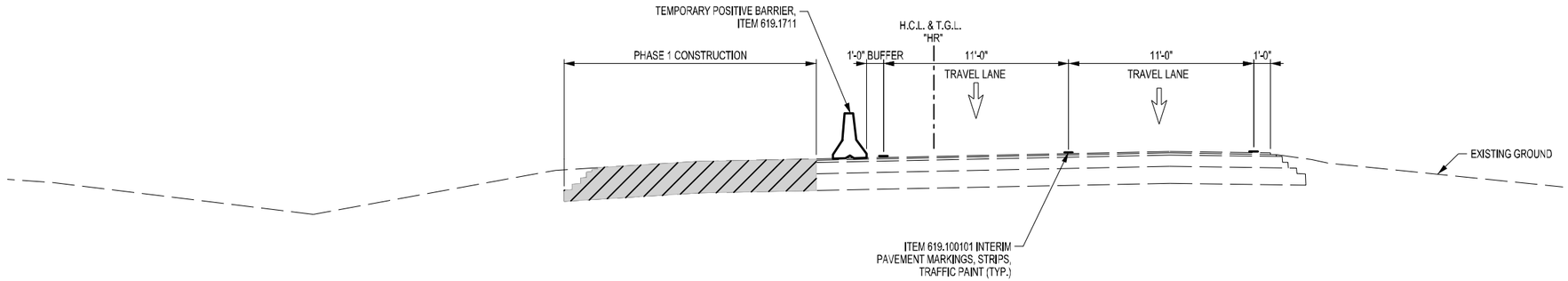
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE AND N.Y. ROUTE 481 / I-81 BARRIER TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED WORK ZONE TRAFFIC CONTROL PLAN GENERAL NOTES	CONTRACT NUMBER D265304 DRAWING NO. WZTC-03 SHEET NO. 12

NEW YORK STATE OF OPPORTUNITY. Department of Transportation



RAMP "H" EXIT 10 - PHASE 1

SCALE: 1/8" = 1'-0"
STA. H 4+50 TO STA. H 11+25
LOOING UP STATION



RAMP "H" EXIT 10 - PHASE 1

SCALE: 1/8" = 1'-0"
STA. H 0+00 TO STA. H 4+50
LOOKING UP STATION

LEGEND

PHASE REMOVAL LIMITS

AFFIX SEAL: ON: 06/11/2024	ALTERED BY: ON:

STATE OF NEW YORK
JONATHAN W OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WZTC TYPICAL SECTIONS

CONTRACT NUMBER D265304

DRAWING NO. WZTC-04

SHEET NO. 13

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

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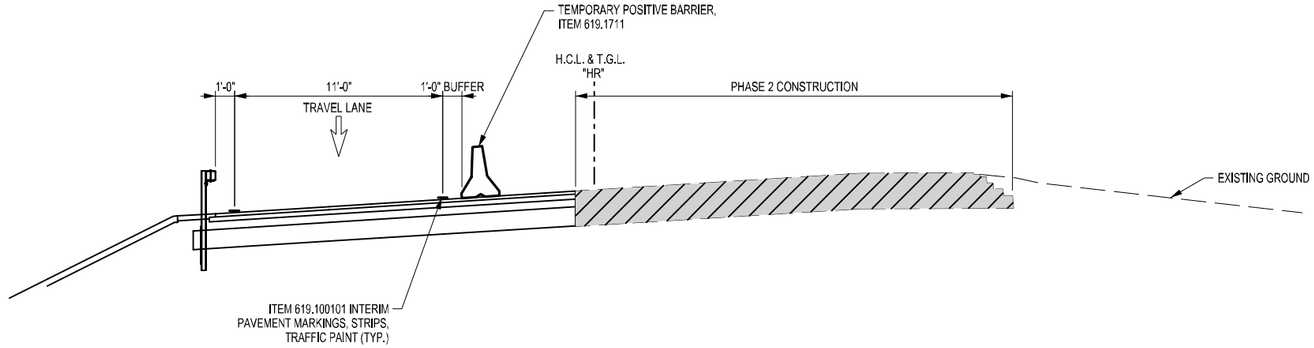
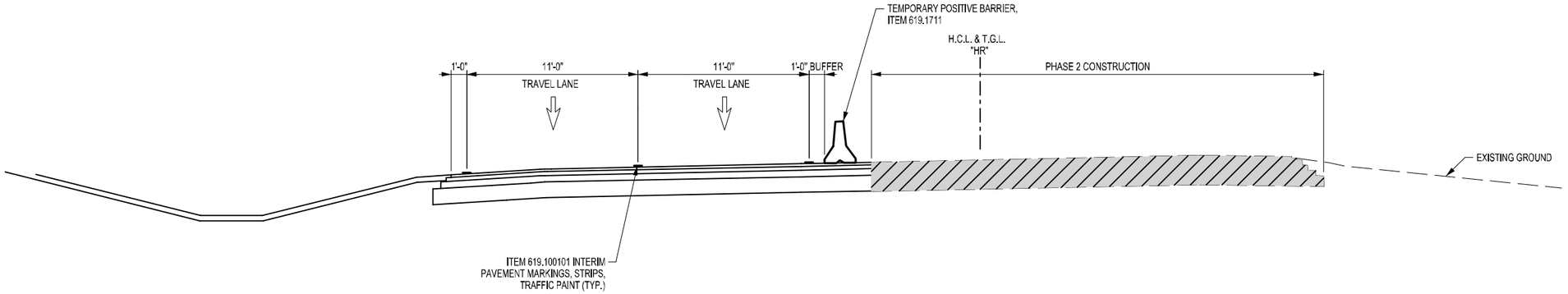


RAMP "H" EXIT 10 - PHASE 2

SCALE: 1/8" = 1'-0"
STA. H 4+75 TO STA. H 11+25
LOOKING UP STATION



RAMP "H" EXIT 10 - PHASE 2

SCALE: 1/8"= 1'-0"
STA. H 0+00 TO STA. H 4+75
LOOKING UP STATION

LEGEND

PHASE REMOVAL LIMITS

AFFIX SEAL: ON: 06/11/2024	ALTERED BY: ON:

STATE OF NEW YORK
JONATHAN W OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WZTC TYPICAL SECTIONS

CONTRACT NUMBER D265304

DRAWING NO. WZTC-05

SHEET NO. 14

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

FILE NAME = 304369_cph_rrpp_Typ-Sec.dgn
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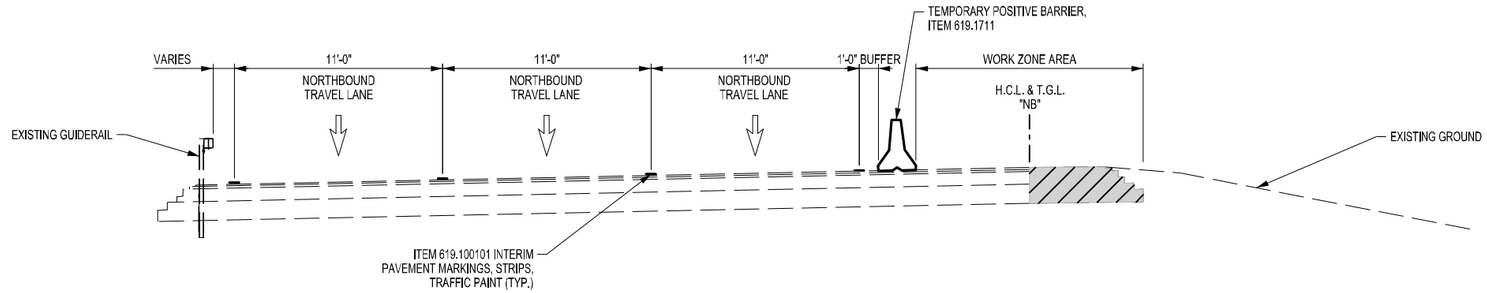
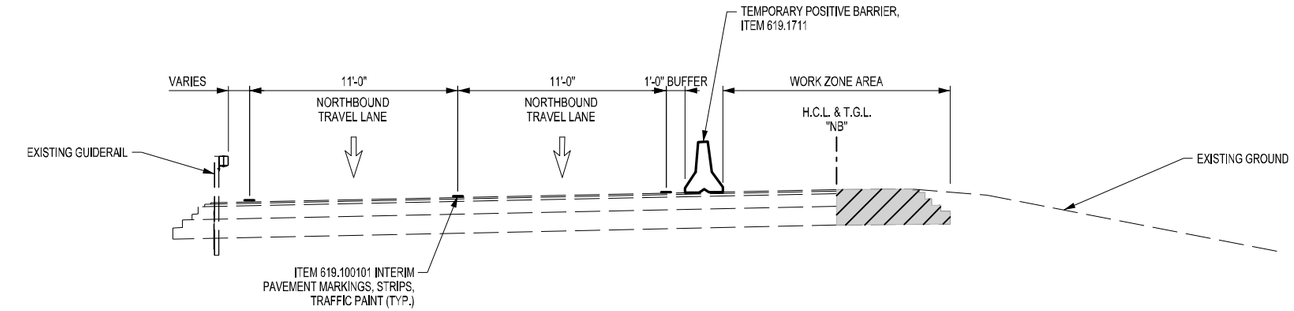


I-481 NORTHBOUND SHOULDER - PHASE 4

SCALE: 1/8" = 1'-0"
STA. NB 357+75 TO NB 373+90
LOOKING UP STATION



I-481 NORTHBOUND SHOULDER - PHASE 4

SCALE: 1/8" = 1'-0"
STA. NB 346+75 TO NB 357+75
LOOKING UP STATION

LEGEND

PHASE REMOVAL LIMITS

AFFIX SEAL: ON: 06/11/2024	ALTERED BY: ON:

STATE OF NEW YORK
JONATHAN W OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WZTC TYPICAL SECTIONS

CONTRACT NUMBER D265304

DRAWING NO. WZTC-06

SHEET NO. 15

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | PROJECT MANAGER J. OTTMAN | CHECK J. MESSENGER

FILE NAME = 304369_cph_rrpp_Typ-Sect.dgn
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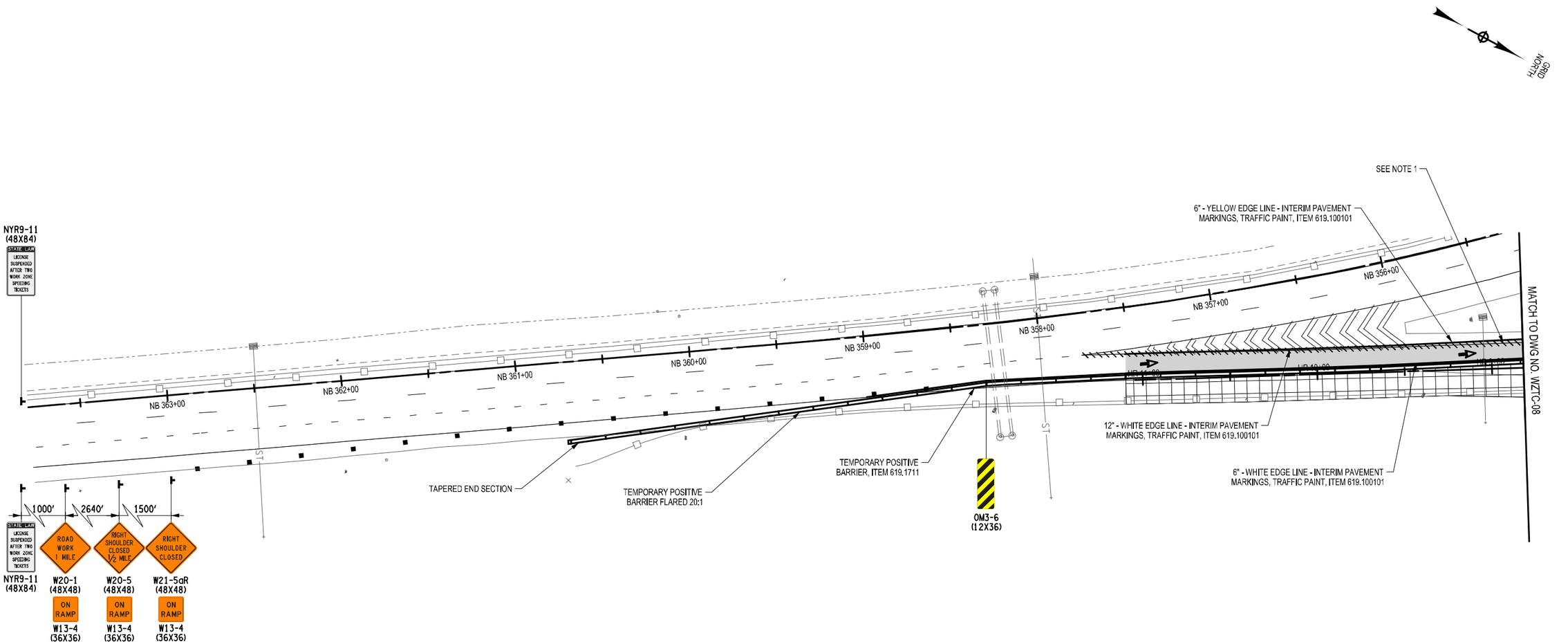

PROJECT COORDINATION:

1. ALL WORK ZONE TRAFFIC CONTROL SETUPS AND ADVANCED APPROACH SIGNAGE SHALL BE COORDINDATED WITH THE ADJACENT NYSDOT I-81 VIADUCT PROJECT PHASE 1, CONTRACT 1, D900054, PIN 3501.90.

NOTE:

1. THE EXISTING PAVEMENT MARKINGS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL COVER ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PHASE 1 TRAVEL LANES.

WORK ZONE TRAFFIC CONTROL LEGEND:

- CHANNELIZING DEVICE INCLUDED IN ITEM 619.01 (20'-0" SPACING) (TYP.)
- EXISTING SIGN
- TEMPORARY CONSTRUCTION SIGN INCLUDED IN ITEM 619.01
- DIRECTION OF TRAFFIC
- TEMPORARY POSITIVE BARRIER, ITEM 619.1711
- COVER / REMOVE EXISTING PAVEMENT MARKINGS ITEM 619.08XX / ITEM 619.08YYXX (SEE PAVEMENT MARKINGS NOTE 1 ON WZTC-01)
- WORK AREA
- WZTC PHASE 1 TRAVEL WAY

0 30 60 90 FT
1" = 60'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WZTC RAMP RECONSTRUCTION
PHASE 1 PLAN - 1 OF 2

CONTRACT NUMBER D265304

DRAWING NO. WZTC-07

SHEET NO. 16

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJJUCH | CHECK J. MESSENGER | DRAFTING T. NAJJUCH | PROJECT MANAGER J. OTTMAN | J. MESSENGER

FILE NAME = 304389_cph_rrpp_WZTC Plan.dgn
DATE/TIME = 12-JUN-2024 08:15
USER = tnajuch

DESIGN SUPERVISOR **J. OTTMAN**
JOB MANAGER **J. OTTMAN**
DESIGN **T. NAJUCH**
CHECK **J. MESSENGER**
DRAFTING **T. NAJUCH**
CHECK **J. MESSENGER**
PROJECT MANAGER **J. OTTMAN**

FILE NAME = 304369_cph_mpp_WZTC Plan.dgn
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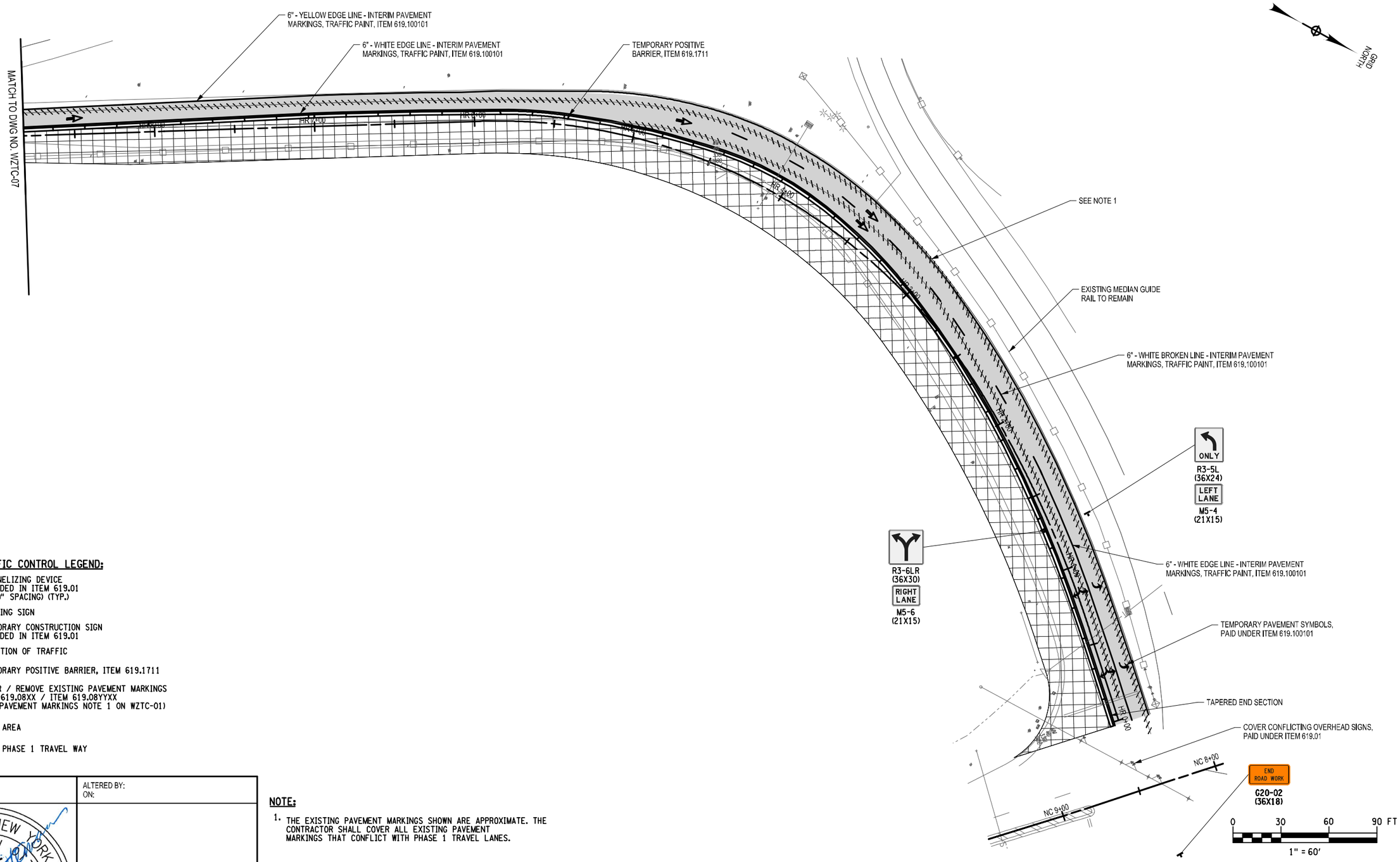


WORK ZONE TRAFFIC CONTROL LEGEND:

■	CHANNELIZING DEVICE INCLUDED IN ITEM 619.01 (20'-0" SPACING) (TYP.)
⌀	EXISTING SIGN
┫	TEMPORARY CONSTRUCTION SIGN INCLUDED IN ITEM 619.01
⇒	DIRECTION OF TRAFFIC
▭	TEMPORARY POSITIVE BARRIER, ITEM 619.1711
\\\\\\\\\\	COVER / REMOVE EXISTING PAVEMENT MARKINGS ITEM 619.08XX / ITEM 619.08YYXX (SEE PAVEMENT MARKINGS NOTE 1 ON WZTC-01)
▨	WORK AREA
▒	WZTC PHASE 1 TRAVEL WAY

NOTE:

1. THE EXISTING PAVEMENT MARKINGS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL COVER ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PHASE 1 TRAVEL LANES.

AFFIX SEAL:
ON: 06/11/2024

JONATHAN W OTTMAN
075865

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN
3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

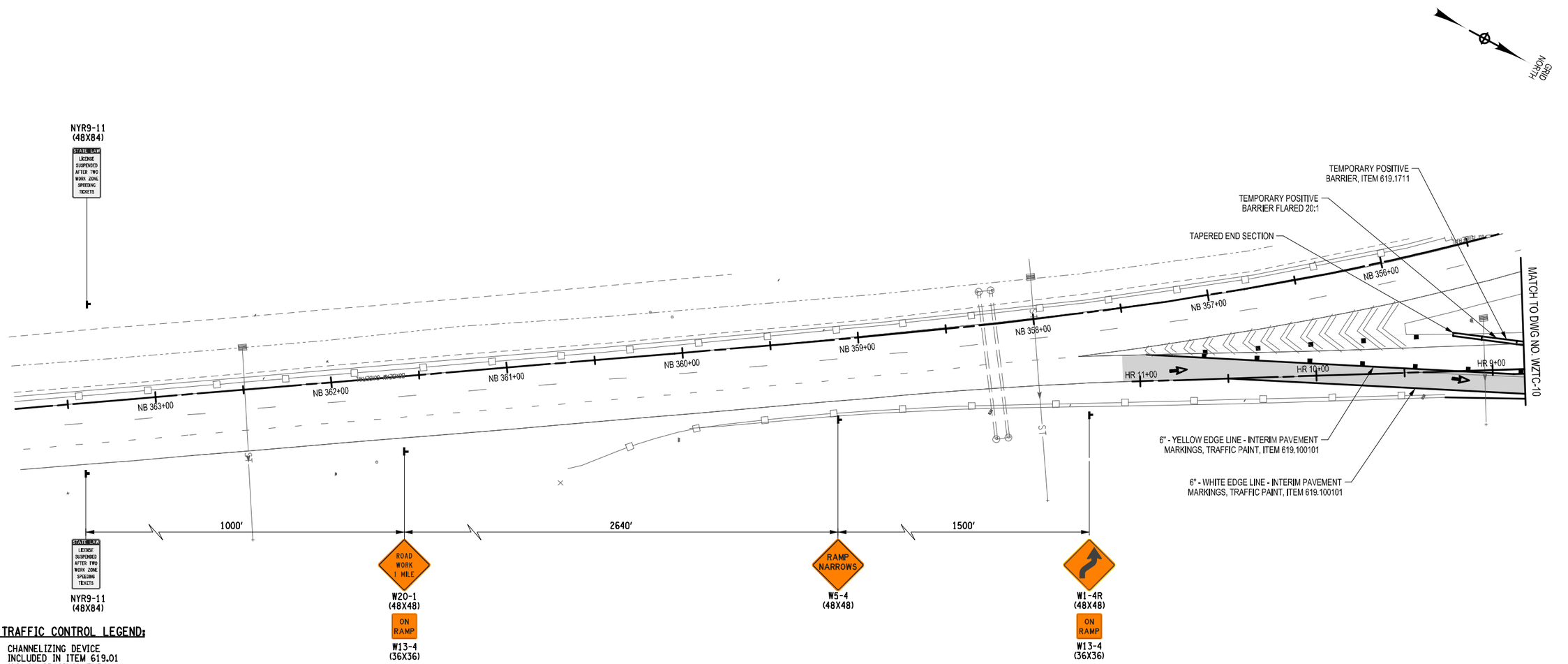
WZTC RAMP RECONSTRUCTION
PHASE 1 PLAN - 2 OF 2

CONTRACT NUMBER
D265304

DRAWING NO. WZTC-08
SHEET NO. 17

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.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation



WORK ZONE TRAFFIC CONTROL LEGEND:

- CHANNELIZING DEVICE INCLUDED IN ITEM 619.01 (20'-0" SPACING) (TYP.)
- EXISTING SIGN
- TEMPORARY CONSTRUCTION SIGN INCLUDED IN ITEM 619.01
- DIRECTION OF TRAFFIC
- TEMPORARY POSITIVE BARRIER, ITEM 619.1711
- COVER / REMOVE EXISTING PAVEMENT MARKINGS ITEM 619.08XX / ITEM 619.08YYXX (SEE PAVEMENT MARKINGS NOTE 1 ON WZTC-01)
- WORK AREA
- WZTC PHASE 2 TRAVEL WAY

PROJECT COORDINATION:

1. ALL WORK ZONE TRAFFIC CONTROL SETUPS AND ADVANCED APPROACH SIGNAGE SHALL BE COORDINDATED WITH THE ADJACENT NYSDOT I-81 VIADUCT PROJECT PHASE 1, CONTRACT 1, D900054, PIN 3501.90.

0 30 60 90 FT
1" = 60'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W GITTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WZTC RAMP RECONSTRUCTION
PHASE 2 PLAN - 1 OF 2

CONTRACT NUMBER
D265304

DRAWING NO. WZTC-09
SHEET NO. 18

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER

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DATE/TIME = 12-JUN-2024 08:16
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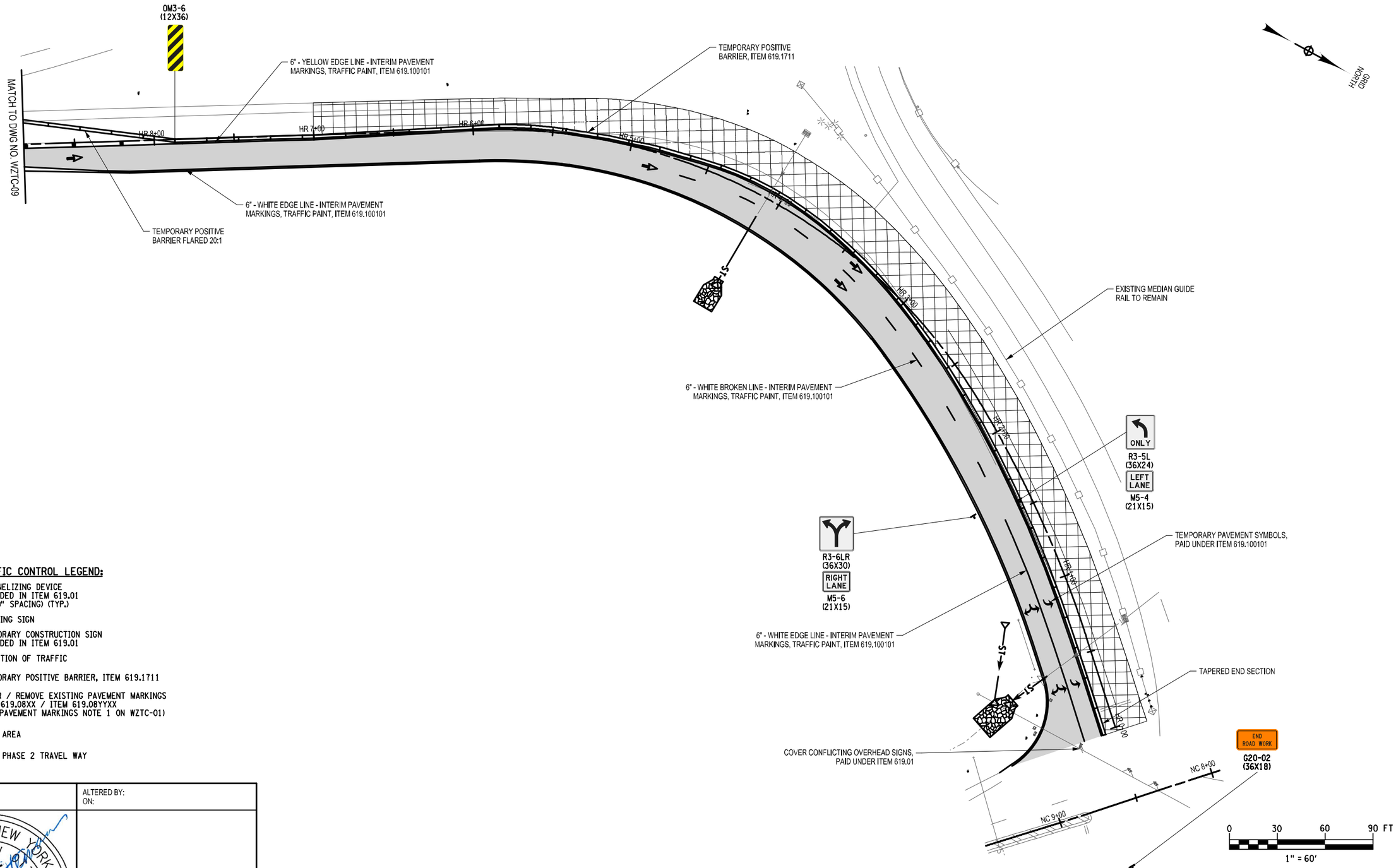

WORK ZONE TRAFFIC CONTROL LEGEND:

- CHANNELIZING DEVICE INCLUDED IN ITEM 619.01 (20'-0" SPACING) (TYP.)
- EXISTING SIGN
- TEMPORARY CONSTRUCTION SIGN INCLUDED IN ITEM 619.01
- DIRECTION OF TRAFFIC
- TEMPORARY POSITIVE BARRIER, ITEM 619.1711
- COVER / REMOVE EXISTING PAVEMENT MARKINGS ITEM 619.08XX / ITEM 619.08YYXX (SEE PAVEMENT MARKINGS NOTE 1 ON WZTC-01)
- WORK AREA
- WZTC PHASE 2 TRAVEL WAY

AFFIX SEAL: ON: 06/11/2024	ALTERED BY: ON:

STATE OF NEW YORK · JONATHAN W GITTMAN · 075865 · LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE AND N.Y. ROUTE 481 / I-81 BARRIER TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED WZTC RAMP RECONSTRUCTION PHASE 2 PLAN - 2 OF 2	CONTRACT NUMBER D265304 DRAWING NO. WZTC-10 SHEET NO. 19

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

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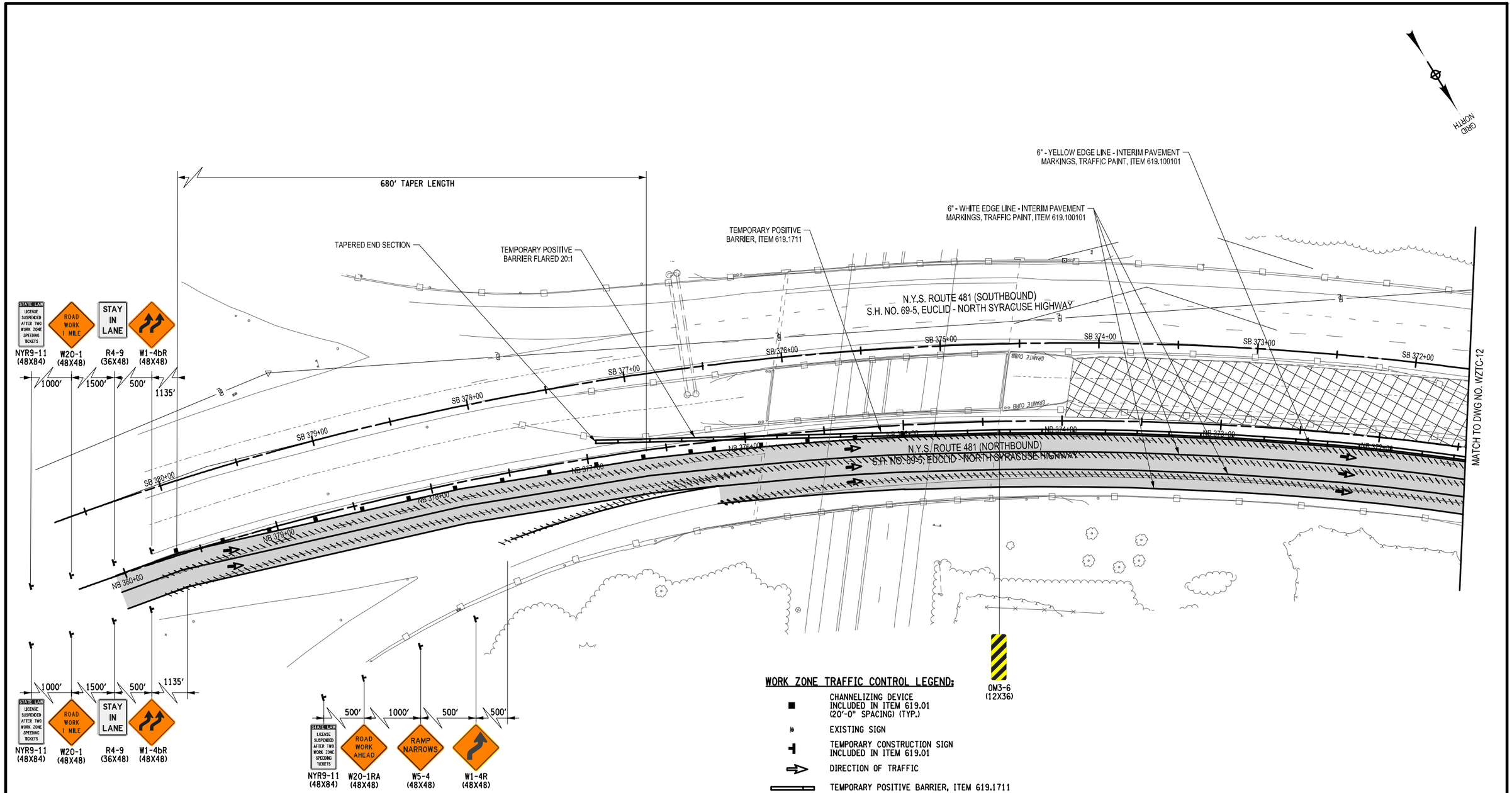

WORK ZONE TRAFFIC CONTROL LEGEND:

- CHANNELIZING DEVICE INCLUDED IN ITEM 619.01 (20'-0" SPACING) (TYP.)
- EXISTING SIGN
- TEMPORARY CONSTRUCTION SIGN INCLUDED IN ITEM 619.01
- DIRECTION OF TRAFFIC
- TEMPORARY POSITIVE BARRIER, ITEM 619.1711
- COVER / REMOVE EXISTING PAVEMENT MARKINGS ITEM 619.08XX / ITEM 619.08YXX (SEE PAVEMENT MARKINGS NOTE 1 ON WZTC-01)
- WORK AREA
- WZTC PHASE 4 TRAVEL WAY

PROJECT COORDINATION:

1. ALL WORK ZONE TRAFFIC CONTROL SETUPS AND ADVANCED APPROACH SIGNAGE SHALL BE COORDINDATED WITH THE ADJACENT NYSDOT I-81 VIADUCT PROJECT PHASE 1, CONTRACT 1, D900054, PIN 3501.90.

0 30 60 90 FT
1" = 60'

PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER
DRAFTING T. NAJUCH
CHECK J. MESSENGER
DESIGN T. NAJUCH
JOB MANAGER J. OTTMAN
DESIGN SUPERVISOR J. OTTMAN

FILE NAME = 304369_cph_rrpp_WZTC Plan.dgn
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USER = tnajuch

AFFIX SEAL:
ON: 06/11/2024

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

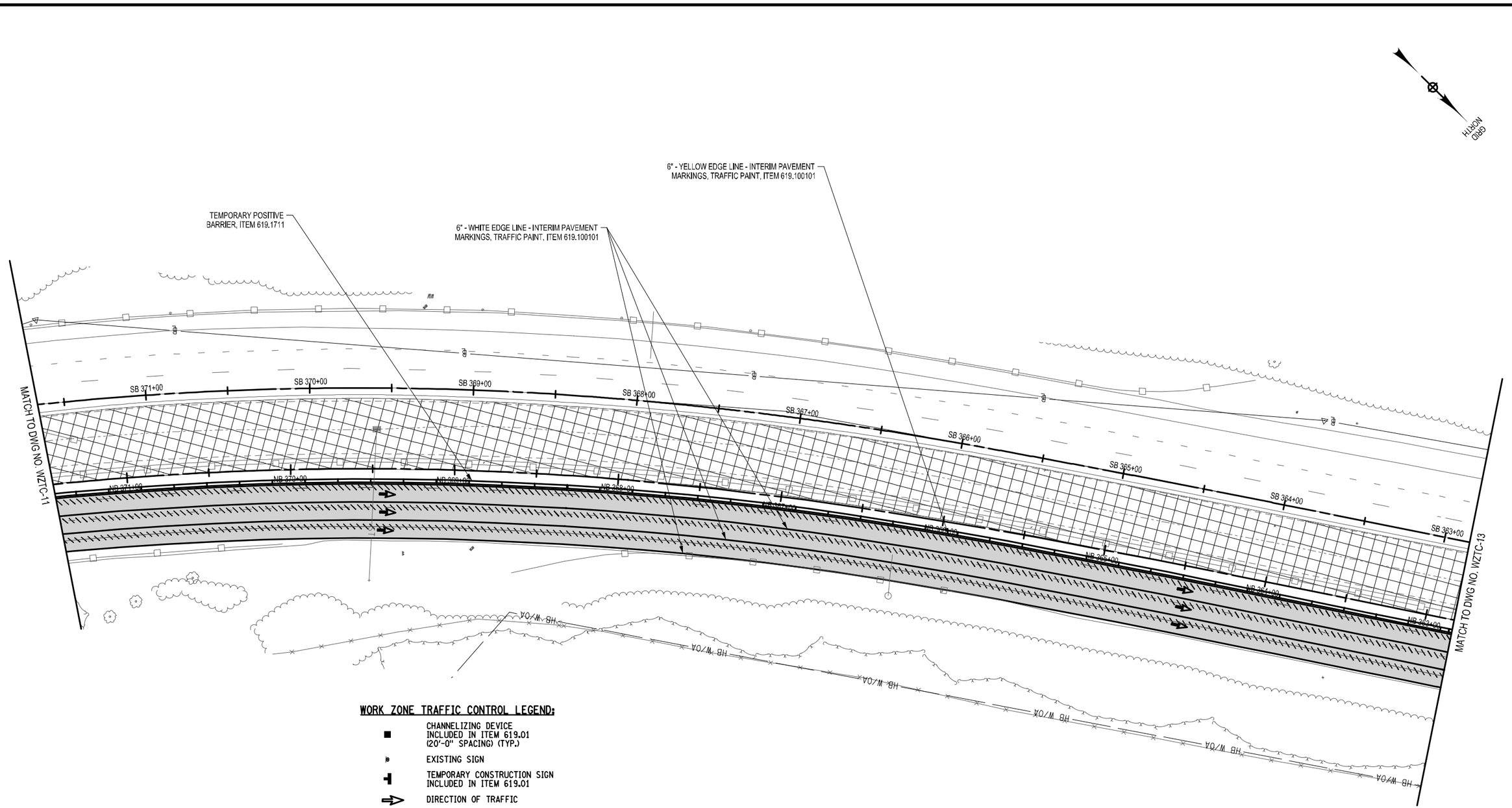
ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WZTC 481 RECONSTRUCTION
PHASE 4 PLAN - 1 OF 5

CONTRACT NUMBER D265304

DRAWING NO. WZTC-11
SHEET NO. 20

NEW YORK STATE OF OPPORTUNITY. Department of Transportation



WORK ZONE TRAFFIC CONTROL LEGEND:

- CHANNELIZING DEVICE INCLUDED IN ITEM 619.01 (20'-0" SPACING) (TYP.)
- EXISTING SIGN
- TEMPORARY CONSTRUCTION SIGN INCLUDED IN ITEM 619.01
- DIRECTION OF TRAFFIC
- TEMPORARY POSITIVE BARRIER, ITEM 619.1711
- COVER / REMOVE EXISTING PAVEMENT MARKINGS ITEM 619.08XX / ITEM 619.08YYXX (SEE PAVEMENT MARKINGS NOTE 1 ON WZTC-01)
- WORK AREA
- WZTC PHASE 4 TRAVEL WAY

0 30 60 90 FT

1" = 60'

AFFIX SEAL: ON: 06/11/2024	ALTERED BY: ON:

STATE OF NEW YORK · JONATHAN W. OTTMAN · 075865 · LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WZTC 481 RECONSTRUCTION
PHASE 4 PLAN - 2 OF 5

CONTRACT NUMBER D265304

DRAWING NO. WZTC-12

SHEET NO. 21

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
PROJECT MANAGER J. OTTMAN

FILE NAME = 304369_cph_rmp_WZTC Plan.dgn
DATE/TIME = 12-JUN-2024 08:18
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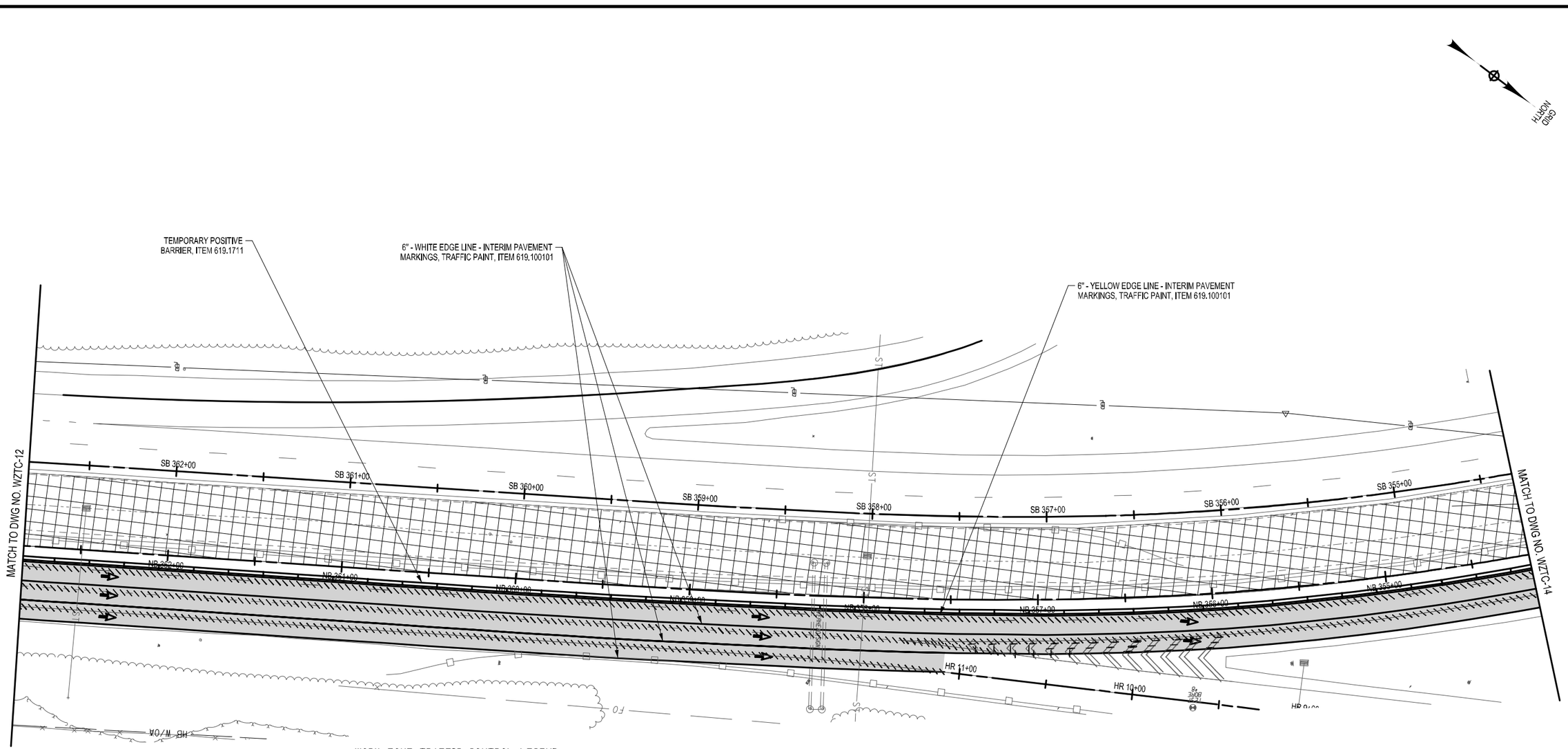


WORK ZONE TRAFFIC CONTROL LEGEND:

- CHANNELIZING DEVICE INCLUDED IN ITEM 619.01 (20'-0" SPACING) (TYP.)
- EXISTING SIGN
- TEMPORARY CONSTRUCTION SIGN INCLUDED IN ITEM 619.01
- DIRECTION OF TRAFFIC
- TEMPORARY POSITIVE BARRIER, ITEM 619.1711
- COVER / REMOVE EXISTING PAVEMENT MARKINGS ITEM 619.08XX / ITEM 619.08YYXX (SEE PAVEMENT MARKINGS NOTE 1 ON WZTC-01)
- WORK AREA
- WZTC PHASE 4 TRAVEL WAY

0 30 60 90 FT
1" = 60'

AFFIX SEAL:
ON: 06/11/2024

STATE OF NEW YORK
JONATHAN W GUTMAN
075865
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WZTC 481 RECONSTRUCTION
PHASE 4 PLAN - 3 OF 5

CONTRACT NUMBER D265304

DRAWING NO. WZTC-13
SHEET NO. 22

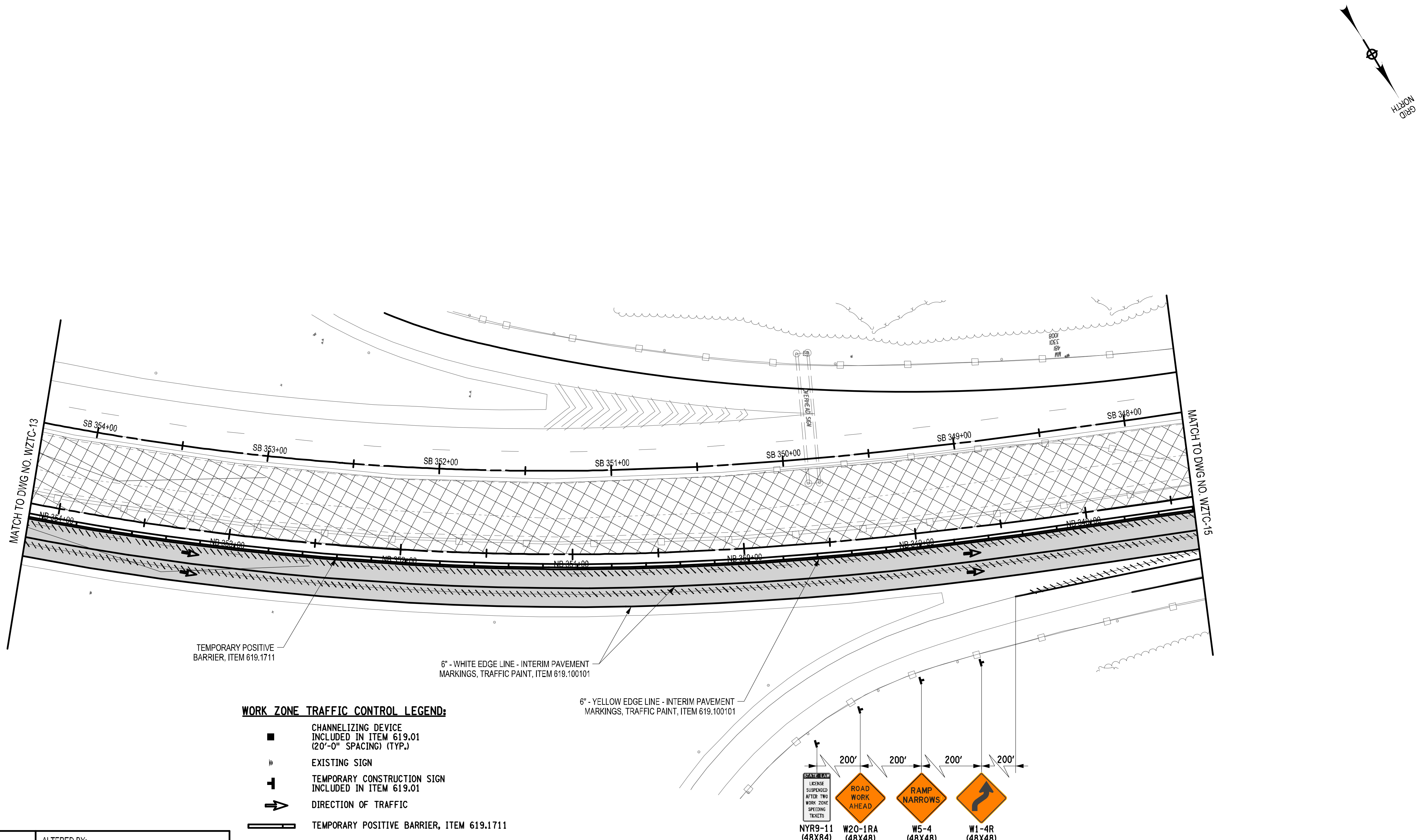
NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

FILE NAME = 304369_cph_mpp_WZTC Plan.dgn
DATE/TIME = 12-JUN-2024 08:18
USER = tnajuch

PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER
DRAFTING T. NAJUCH
CHECK J. MESSENGER
DESIGN T. NAJUCH
JOB MANAGER J. OTTMAN
DESIGN SUPERVISOR J. OTTMAN

FILE NAME = 304369_cph_mpp_WZTC Plan.dgn
DATE/TIME = 12-JUN-2024 08:19
USER = tnajuch

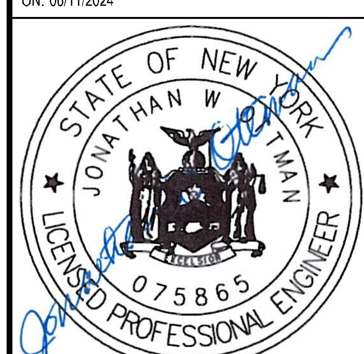


WORK ZONE TRAFFIC CONTROL LEGEND:

Symbol	Description
■	CHANNELIZING DEVICE INCLUDED IN ITEM 619.01 (20'-0" SPACING) (TYP.)
	EXISTING SIGN
	TEMPORARY CONSTRUCTION SIGN INCLUDED IN ITEM 619.01
	DIRECTION OF TRAFFIC
	TEMPORARY POSITIVE BARRIER, ITEM 619.1711
	COVER / REMOVE EXISTING PAVEMENT MARKINGS ITEM 619.08XX / ITEM 619.08YYXX (SEE PAVEMENT MARKINGS NOTE 1 ON WZTC-01)
	WORK AREA
	WZTC PHASE 4 TRAVEL WAY

0 30 60 90 FT
1" = 60'

AFFIX SEAL:
ON: 06/11/2024



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN
3043.69

BRIDGES

CULVERTS

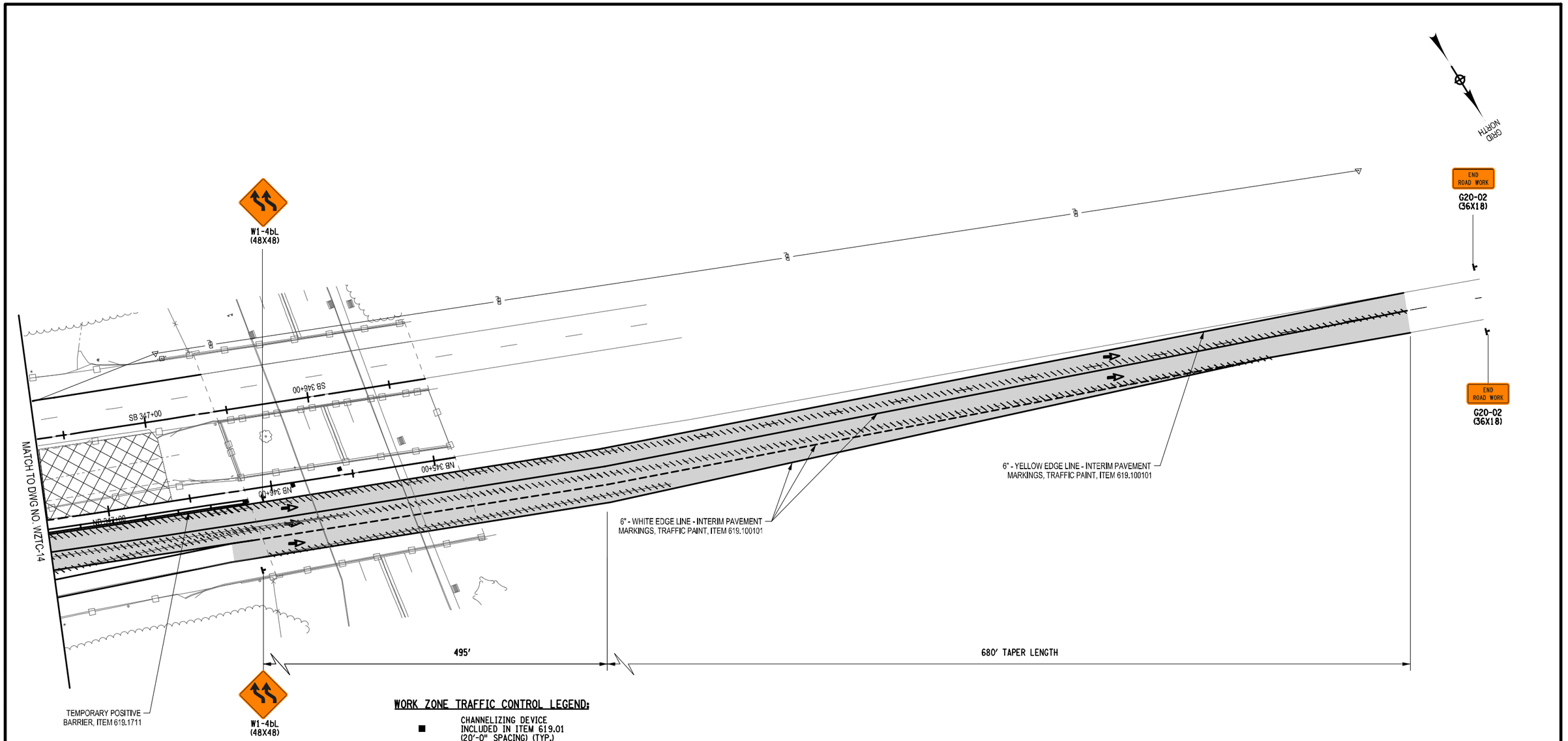
ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WZTC 481 RECONSTRUCTION
PHASE 4 PLAN - 4 OF 5

CONTRACT NUMBER
D265304

DRAWING NO. WZTC-14
SHEET NO. 23

NEW YORK STATE OF OPPORTUNITY. Department of Transportation



WORK ZONE TRAFFIC CONTROL LEGEND:

- CHANNELIZING DEVICE INCLUDED IN ITEM 619.01 (20'-0" SPACING) (TYP.)
- EXISTING SIGN
- TEMPORARY CONSTRUCTION SIGN INCLUDED IN ITEM 619.01
- DIRECTION OF TRAFFIC
- TEMPORARY POSITIVE BARRIER, ITEM 619.1711
- COVER / REMOVE EXISTING PAVEMENT MARKINGS ITEM 619.08XX / ITEM 619.08YYXX (SEE PAVEMENT MARKINGS NOTE 1 ON WZTC-01)
- WORK AREA
- WZTC PHASE 4 TRAVEL WAY

0 30 60 90 FT
1" = 60'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

WZTC 481 RECONSTRUCTION
PHASE 4 PLAN - 5 OF 5

CONTRACT NUMBER D265304

DRAWING NO. WZTC-15
SHEET NO. 24

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.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
CHECK J. MESSENGER
PROJECT MANAGER J. OTTMAN

FILE NAME = 304389_cph_rrpp_WZTC Plan.dgn
DATE/TIME = 12-JUN-2024 08:19
USER = tnajuch

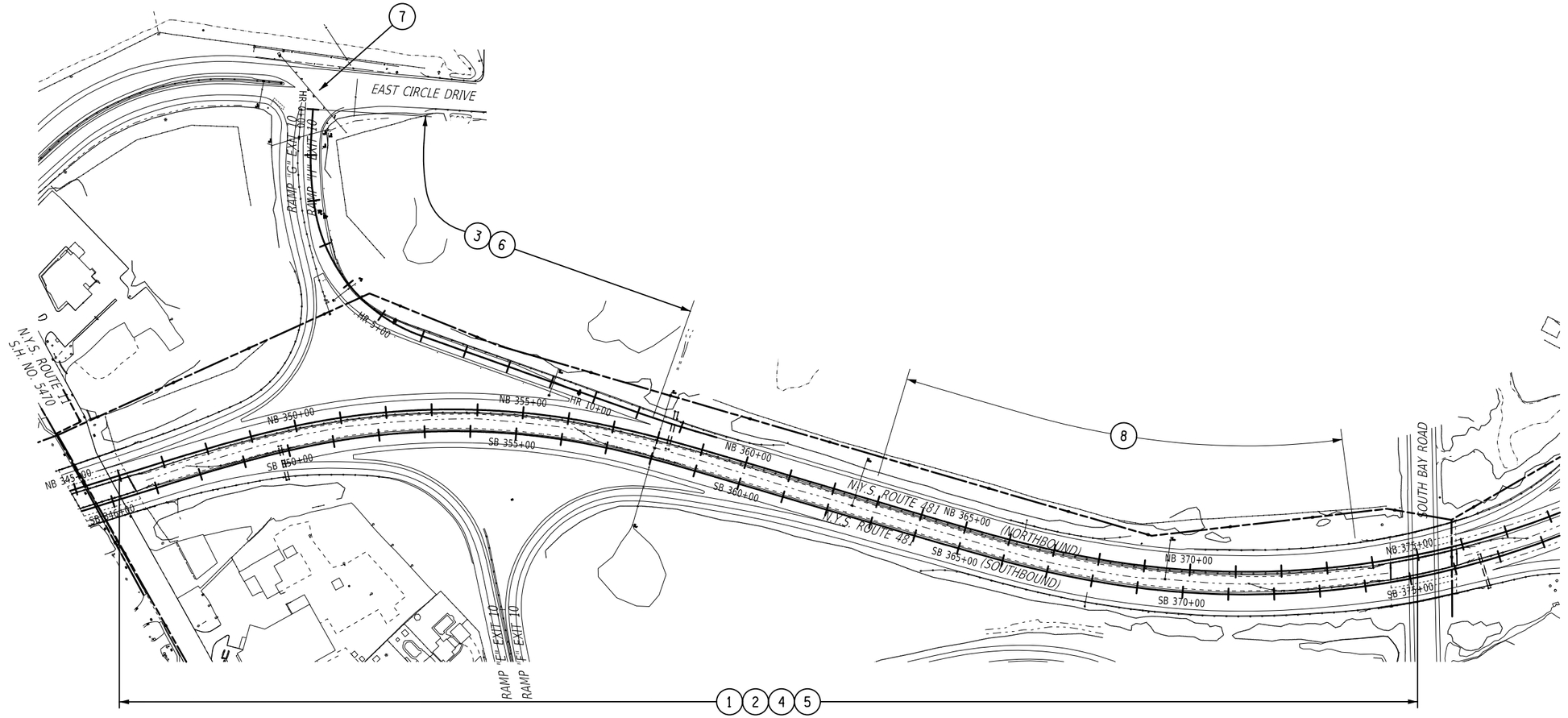


TABLE OF MAINTENANCE JURISDICTION

PART NO.	HIGHWAY	LIMITS STATION TO STATION	FEATURES TO BE MAINTAINED	STATION MILES	LANE MILES	AGENCY	AUTHORITY
PROJECT ROADWAY							
1	N.Y.S. ROUTE 481 (NORTHBOUND)	NB 346+50.0 TO NB 374+14.9	PAVEMENT, SHOULDERS, GUIDE RAIL, BARRIERS,SIGNS & MARKINGS, STORM DRAINAGE SYSTEM	0.524	1.048	NYSDOT	HIGHWAY LAW SECTION 340-B
2	N.Y.S. ROUTE 481 (SOUTHBOUND)	SB 346+50.0 TO SB 374+14.9	PAVEMENT, SHOULDERS, GUIDE RAIL, BARRIERS,SIGNS & MARKINGS, STORM DRAINAGE SYSTEM	0.524	1.048	NYSDOT	HIGHWAY LAW SECTION 340-B
3	RAMP "H" EXIT 10	HR 0+00.00 TO HR 11+34.31	PAVEMENT, SHOULDERS, SIGNS & MARKINGS, STORM DRAINAGE SYSTEM	0.215	0.430	NYSDOT	HIGHWAY LAW SECTION 340-B
SNOW AND ICE REMOVAL							
4	N.Y.S. ROUTE 481 (NORTHBOUND)	PART NO. 1	SNOW REMOVAL ON PART 1	0.524	1.048	NYSDOT	HIGHWAY LAW SECTION 340-B
5	N.Y.S. ROUTE 481 (SOUTHBOUND)	PART NO. 2	SNOW REMOVAL ON PART 2	0.524	1.048	NYSDOT	HIGHWAY LAW SECTION 340-B
6	RAMP "H" EXIT 10	PART NO. 3	SNOW REMOVAL ON PART 3	0.212	0.424	NYSDOT	HIGHWAY LAW SECTION 340-B
TRAFFIC SIGNALS							
7	RAMP "H" EXIT 10 AND EAST CIRCLE DRIVE	INTERSECTION	TRAFFIC SIGNAL SYSTEM AND APPURTENANCES	-	-	NYSDOT	HIGHWAY LAW SECTION 340-B
STORMWATER							
8	NYS ROUTE 481 NB	NB 362+72 to NB 373+82	DRY SWALE	-	-	NYSDOT	HIGHWAY LAW SECTION 340-B

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN A. BLACKMON | CHECK W. MCCORMICK | DRAFTING S. BEAMAN | CHECK A. BLACKMON | PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph_mj-01.dgn
DATE/TIME = 13-JUN-2024 11:54
USER =

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

MAINTENANCE JURISDICTION

CONTRACT NUMBER
D265304

DRAWING NO. MJ-01
SHEET NO. 25

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

GUIDE RAIL AND CONCRETE BARRIER TABLE

BEGIN STATION	SIDE	OFFSET (FT)	END STATION	SIDE	OFFSET (FT)	PAY FACTOR	POST SPACING (FT)	ITEM 606.10 (LF)	ITEM 606.120101 (EA)	ITEM 606.120102 (EA)	ITEM 606.3041 (LF)	ITEM 606.53 (LF)	ITEM 606.8805 (EA)	COMMENT
NB 346+50.0	RT	7.8	NB 347+02.0	RT	7.3								1	BOX BEAM GUIDE RAIL TO SINGLE SLOPE CONCRETE MEDIAN BARRIER TRANSITION
NB 347+02.0	RT	7.3	NB 373+56.4	RT	7.3						2655			
NB 373+56.4	RT	7.3	NB 374+08.2	RT	7.4								1	BOX BEAM GUIDE RAIL TO SINGLE SLOPE CONCRETE MEDIAN BARRIER TRANSITION
NB 367+80.0	LT	42.7	NB 370+34.9	LT	46.2			249						
SB 347+74.1	LT	27.3	SB 348+67.9	LT	4.8							97		
SB 356+23.3	LT	30.5	SB 356+91.9	LT	7.7							74		
SB 371+33.7	LT	17.6	SB 372+11.7	LT	4.9					1				
SB 372+11.7	LT	4.9	SB 372+32.0	LT	5.1			22						
HR 10+99.9	LT	11.8	HR 11+06.9	LT	11.8				1					
HR 11+06.9	LT	11.8	HR 11+34.3	LT	11.3			27						

PAYMENT WILL BE MADE UNDER:
ITEM 606.10 - BOX BEAM GUIDE RAILING
ITEM 606.120101 - BOX BEAM END PIECE
ITEM 606.120102 - BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I
ITEM 606.3041 - SINGLE SLOPE CONCRETE MEDIAN BARRIER
ITEM 606.53 - RESETTING BOX BEAM GUIDE RAILING
ITEM 606.8805 - TRANSITION BETWEEN BOX BEAM MEDIAN BARRIER AND SINGLE SLOPE CONCRETE MEDIAN BARRIER

GUIDE RAIL REMOVAL TABLE

BEGIN STATION	SIDE	OFFSET (FT)	END STATION	SIDE	OFFSET (FT)	ITEM 606.73 (LF)	ITEM 606.74 (LF)
NB 346+50.0	RT	7.8	NB 374+08.2	RT	7.4		2758
NB 367+80.0	LT	42.7	NB 368+62.4	LT	61.3	82	
SB 371+41.6	LT	24.8	SB 372+33.4	LT	5.1	94	
HR 2+85.7	LT	17.6	HR 11+34.3	LT	11.3	846	

PAYMENT WILL BE MADE UNDER:
ITEM 606.73 - REMOVING AND DISPOSING BOX BEAM GUIDE RAILING
ITEM 606.74 - REMOVING AND DISPOSING BOX BEAM MEDIAN BARRIER

WILDFLOWER SEEDING - 610.17

COMMON NAME	SCIENTIFIC NAME	NEW %
PYCNANTHEMUM VIRGINIANUM	MOUNTAIN MINT	5
SOLIDAGO CANADENSIS	CANADA GOLDENROD	5
SOLIDAGO GIGANTEA	LATE GOLDENROD	5
MONARDA FISTULOSA	WILD BERGAMOT	10
EUTROCHIUM MACULATUM	JOE PYE WEED	10
SOLIDAGO RUGOSA	WRINKLE-LEAF GOLDENROAD	10
AESCLEPIAS SYRIACA	COMMON MILKWEED	15
EUTROCHIUM PURPUREUM	SWEET JOE PYE WEED	20
OLIGONEURON RIGIDUM	STIFF GOLDENROD	20

INVASIVE SPECIES TABLE

START STATION	SIDE	END STATION	SIDE	APPROXIMATE AREA (SF)
NB 362+68	LT	NB 374+37	LT	25800
HR 0+85	LT	HR 11+34	LT	38400
			TOTAL	64200

SITE 1 - PLANTING TABLE - SHRUBS

				ESTABLISHMENT		
			ITEM 611.0432	ITEM 610.19	ITEM 610.1101	ITEM 611.19040024
BOTANICAL NAME	COMMON NAME		PLANTING DECIDUOUS SHRUBS 18" CONTAINER OR BOX GROWN	WATERING	MULCH TYPE D	POST-PLANTING CARE WITH REPLACEMENT DECIDUOUS SHRUBS
			EACH	1000gal	CY	EACH
ALNUS INANA SSP. RUGOSA	SPECKLED ALDER		10	10	1	10
CORNUS RACEMOSA	GRAY DOGWOOD		10			10
STAGHORN SUMAC	RHUS TYPHINA		10			10
		TOTALS	30			30

* PLANTS THAT DIE WITHIN THE FIRST YEAR OF PLANTING SHALL BE REPLACEED AS SPECIFIED

SITE 2 - PLANTING TABLE - SHRUBS

				ESTABLISHMENT		
			ITEM 611.0432	ITEM 610.19	ITEM 610.1101	ITEM 611.19040024
BOTANICAL NAME	COMMON NAME		PLANTING DECIDUOUS SHRUBS 18" CONTAINER OR BOX GROWN	WATERING	MULCH TYPE D	POST-PLANTING CARE WITH REPLACEMENT DECIDUOUS SHRUBS
			EACH	1000gal	CY	EACH
ALNUS INANA SSP. RUGOSA	SPECKLED ALDER		10	10	1	10
CORNUS AMOMUM	SILKY DOGWOOD		10			10
CORNUS RACEMOSA	GRAY DOGWOOD		10			10
		TOTALS	30			30

* PLANTS THAT DIE WITHIN THE FIRST YEAR OF PLANTING SHALL BE REPLACEED AS SPECIFIED

DRY SWALE TABLE

STATION	SIDE	OFFSET	BOTTOM WIDTH	ELEVATION
NB 373+82.4	LT	77.6	2'	394.00
NB 371+73.4	LT	87.7	2'	390.20
NB 370+68.7	LT	83.4	2'	389.70
NB 369+52.2	LT	70.0	2'	389.13
NB 367+39.0	LT	64.8	4'	387.68
NB 362+85.5	LT	74.6	4'	382.90
NB 362+72.2	LT	85.9	4'	382.70

AFFIX SEAL:
ON: 6/21/2024

ALTERED BY:
ON:

STATE OF NEW YORK · PAUL JOSEPH PRESUTTI · LICENSED PROFESSIONAL ENGINEER · 075463

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

MISCELLANEOUS TABLES

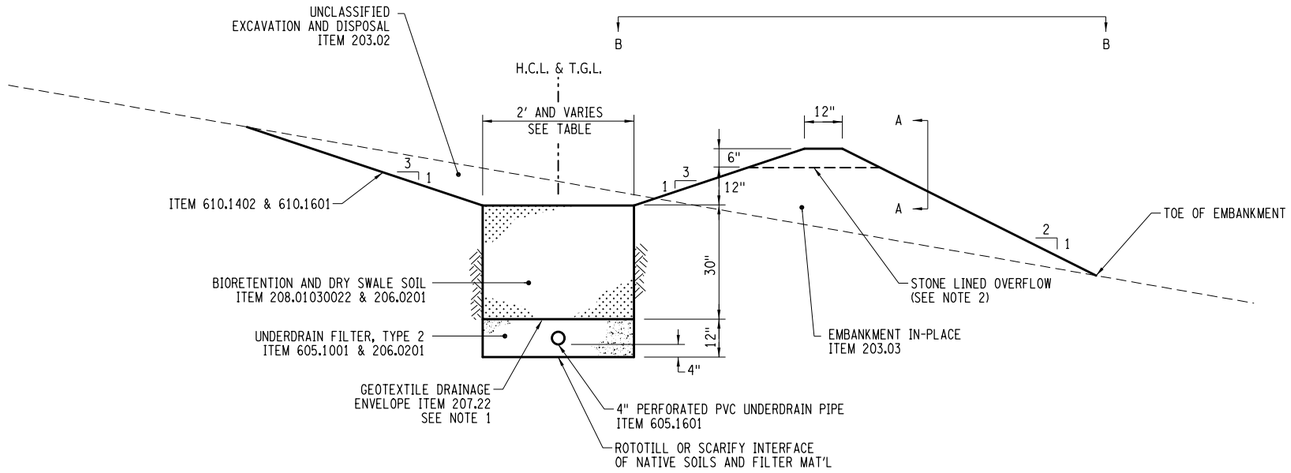
CONTRACT NUMBER
D265304

DRAWING NO. MST-01
SHEET NO. 26

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN A. BLACKMON | DRAFTING S. BEAMAN | CHECK W. MCCORMICK | PROJECT MANAGER A. BLACKMON | CHECK P. PRESUTTI

FILE NAME = 1969605_cpn_mst-01 thru mst-xx.dgn
DATE/TIME = 13-JUN-2024 11:54
USER =

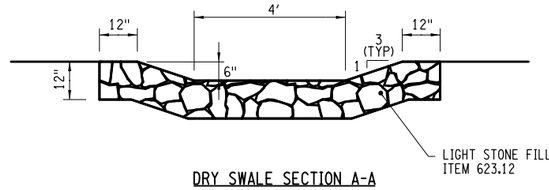


NOTES:

1. GEOTEXTILE SHALL BE STRENGTH CLASS 2/MONOFILAMENT WOVEN OR STRENGTH CLASS 1/COMBINATION MONOFILAMENT/FIBRILLATED YARN AND BD CLASS "B".
2. SEE PLAN SHEETS FOR LOCATIONS.

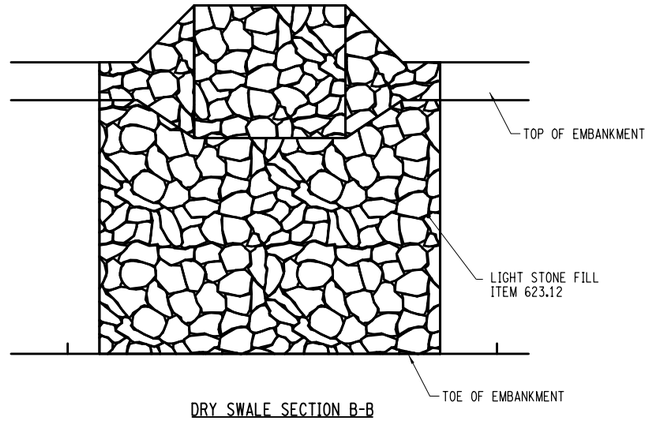
DRY SWALE DETAIL

NOT TO SCALE



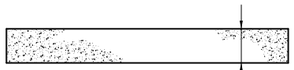
DRY SWALE SECTION A-A
STONE LINED OVERFLOW

NOT TO SCALE



DRY SWALE SECTION B-B
STONE LINED OVERFLOW

NOT TO SCALE



GRAVEL SECTION

NOTE:
REFER TO STANDARD SHEET 608-03, 608-04, 608-05 & 608-06 FOR ADDITONAL DETAILS.

TYPICAL DRIVEWAY DETAIL

N.T.S.

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN P. PRESUTTI | CHECK A. BLACKMON | DRAFTING S. BEAMAN | CHECK W. MCCORMICK | PROJECT MANAGER P. PRESUTTI | CHECK A. BLACKMON

FILE NAME = 1969005_cph_msd-01 thru msd-xx.dgn
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USER =

AFFIX SEAL: ON: 6/21/2024	ALTERED BY: ON:

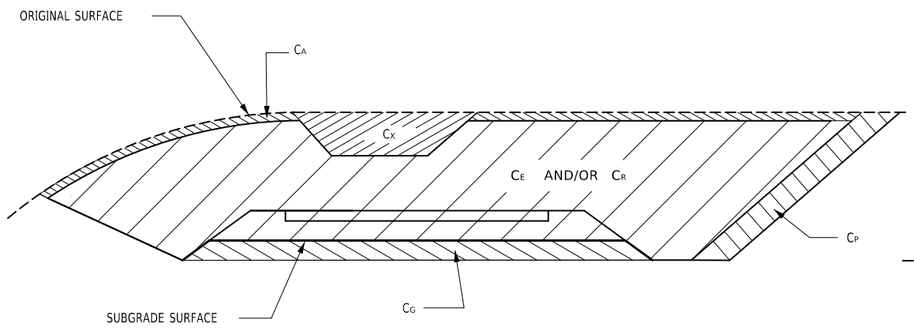
STATE OF NEW YORK · PAUL JOSEPH PRESUTTI · LICENSED PROFESSIONAL ENGINEER · 075463

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69 I-481 UTILITY QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED MISCELLANEOUS DETAILS	CONTRACT NUMBER D265304 DRAWING NO. MSD-01 SHEET NO. 27

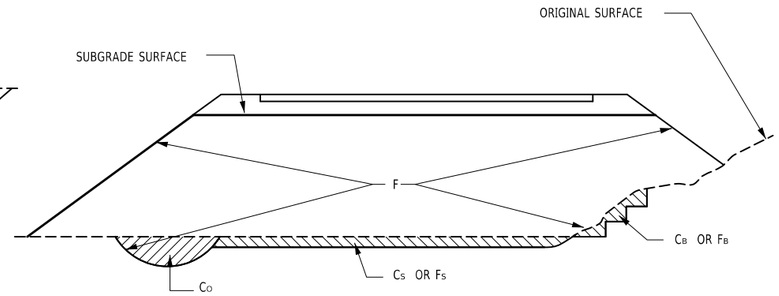
NEW YORK STATE OF OPPORTUNITY. Department of Transportation

SUMMARY OF EARTHWORK (ITEMS 203.02 AND 203.03 ONLY)					
SOURCE	EXCAVATION			ITEM 203.02	ITEM 203.03
	T_E	C_R	T_U	C_T	F_T
HR 0+00 TO HR 11+34	2804		551	3355	1618
NB 346+63 TO NB 373+95	1531		1165	2696	2609
NB 362+71 TO NB 373+82	124		312	436	1164
TOTALS	4459		2028	6486	5392

SUMMARY OF TRENCH AND CULVERT EXCAVATION (ITEM 206.0201 ONLY)			
SOURCE	EXCAVATION		ITEM 206.0201
	ROCK	NON-ROCK	
TOTALS			



CUT SECTION



FILL SECTION

DEFINITIONS:

C_B - EXCAVATION FOR REQUIRED BENCHING, (BOTH LONGITUDINAL AND TRANSVERSE).

C_G - EXCAVATION FOR SUBGRADE IMPROVEMENT.

C_P - EXCAVATION FROM CUT SLOPE NECESSARY TO PLACE SLOPE PROTECTION.

C_E - PORTION OF CUT ASSUMED TO BE EARTH SUITABLE FOR EMBANKMENT CONSTRUCTION, EXCLUDING C_G AND C_P.

T_E - (C_B + C_G + C_P + C_E) TOTAL EARTH EXCAVATION ASSUMED SUITABLE FOR EMBANKMENT CONSTRUCTION.

C_A - EXCAVATION OF TOPSOIL (UNSUITABLE MATERIAL) IN CUT.

C_S - EXCAVATION OF TOPSOIL (UNSUITABLE MATERIAL) UNDER EMBANKMENT.

C_X - EXCAVATION OF UNSUITABLE MATERIAL IN CUT: SWAMP OR DUMP

C_O - EXCAVATION OF UNSUITABLE MATERIAL BENEATH EMBANKMENT: SWAMP OR DUMP

T_U - (C_A + C_S + C_X + C_O) TOTAL EXCAVATION ASSUMED UNSUITABLE FOR EMBANKMENT CONSTRUCTION.

C_R - PORTION OF CUT ASSUMED TO BE ROCK, INCLUDING C_G IF APPLICABLE.

C_T - (T_E + T_U + C_R) TOTAL EXCAVATION.

DEFINITIONS:

F_B - FILL REQUIRED TO REPLACE BENCHES.

F_S - FILL REQUIRED TO REPLACE TOPSOIL REMOVED BENEATH EMBANKMENTS.

F - FILL REQUIRED TO COMPLETE EMBANKMENT TO SUBGRADE SURFACE AND SIDE-SLOPES AFTER FOUNDATION IS PREPARED.

F_T - (F_B + F_S + F) TOTAL FILL REQUIRED.

T_A - (T_E x F_E + C_R x F_R) THE VOLUME WHICH THE SUITABLE EXCAVATED MATERIAL COULD OCCUPY IN EMBANKMENT.

F_E - SHRINKAGE FACTOR FOR EARTH

F_R - SWELL FACTOR FOR ROCK

NOTES:

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

203.02 UNCLASSIFIED EXCAVATION AND DISPOSAL

203.03 EMBANKMENT IN PLACE

206.0201 TRENCH AND CULVERT EXCAVATION

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN A. BLACKMON | CHECK S. BEAMAN | DRAFTING W. MCCORMICK | CHECK A. BLACKMON | PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph-ESS-01 thru ESS-xx.dgn
DATE/TIME = 13-JUN-2024 11:55
USER =

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EARTHWORK SUMMARY

CONTRACT NUMBER
D265304

DRAWING NO. ESS-01
SHEET NO. 28

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

EARTHWORK SUMMARY																		
SUBDIVISION NO.	LOCATION (STATION TO STATION)		SUITABLE EXCAVATION					ROCK	UNSUITABLE EXCAVATION					TOTAL EXCAVATION	EMBANKMENT			
			C_B	C_G	C_P	C_E	T_E	C_R	C_A	C_S	C_X	C_O	T_U	C_T	F_B	F_S	F	F_T
1	HR 0+00	HR 11+34				2,804	2,804		174	377			551	3,355		377	1,241	1,618
2	NB 346+63	NB 373+95				1,531	1,531		300	865			1,165	2,696		865	1,744	2,609
3	NB 362+71	NB 373+82				124	124		94	218			312	436		218	946	1,164
TOTALS			**0**	**0**	**0**	**4,459**	**4,459**	**0**	**567**	**1,461**	**0**	**0**	**2,028**	**6,486**	**0**	**1,461**	**3,931**	**5,392**

FOR DEFINITIONS AND NOTES SEE DWG. ESS-01

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EARTHWORK SUMMARY

CONTRACT NUMBER
D265304

DRAWING NO. ESS-02
SHEET NO. 29

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN A. BLACKMON | CHECK W. MCCORMICK | DRAFTING S. BEAMAN | CHECK A. BLACKMON | PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph-ESS-01 thru ESS-xx.dgn
DATE/TIME = 13-JUN-2024 11:55
USER =

GENERAL SOIL EROSION AND SEDIMENT CONTROL NOTES:

1. THE CONTRACTOR WILL BE REQUIRED TO PERFORM ALL CONSTRUCTION OPERATIONS IN A MANNER SO AS TO MINIMIZE SOIL EROSION AND ENSURE SEDIMENT CONTROL. EROSION CONTROL MEASURES ARE ITEMS WHICH MINIMIZE THE EROSION OF SOIL. SEDIMENT CONTROL MEASURES ARE ITEMS WHICH KEEP SEDIMENT FROM LEAVING THE PROJECT SITE. EFFECTIVE SOIL EROSION AND SEDIMENT CONTROL CAN BE ACCOMPLISHED BY LIMITING THE AREA OF UNPROTECTED SOIL. PROTECTED IS DEFINED AS HAVING TEMPORARY OR PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE. PERIMETER SEDIMENT CONTROL MEASURES ALONE ARE NOT CONSIDERED ADEQUATE PROTECTION. TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AS PER DETAILS AND SPECIFICATIONS. THE COST OF MAINTAINING AND REMOVING TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INCLUDED IN THE BID PRICE OF THE ITEM USED. ALL EROSION AND SEDIMENT CONTROL MEASURES BEING IMPLEMENTED WITHIN THE ACTIVE WORK AREA SHALL BE INSPECTED DAILY.

2. THE LOCATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED IN THE CONTRACT DOCUMENTS MAY REQUIRE FIELD ADJUSTMENTS DEPENDING ON THE SEQUENCE OF CONTRUCTION ACTIVITIES, CONSTRUCTION METHODS AND/OR ACTUAL FIELD CONDITIONS. THE CONSTRUCTION ENVIRONMENTAL CONTACT SHALL BE NOTIFIED OF ANY SIGNIFICANT FIELD CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES.

3. VEGETATION PROTECTION FENCE SHALL BE PLACED PRIOR TO STARTING CLEARING AND GRUBBING OPERATIONS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ARE PERMANENTLY PROTECTED WITH EROSION CONTROL MEASURES.

4. TEMPORARY STOCKPILES OF SOIL SHALL BE PROTECTED AS PER THE SOIL EROSION AND SEDIMENT CONTROL PLAN AND DETAILS. AT A MINIMUM TEMPORARY STOCKPILES SHALL BE RINGED WITH SILT FENCE. STOCKPILES AND AREAS OF STOCKPILES LEFT INACTIVE FOR LONGER THAN 14 DAYS SHALL HAVE TEMPORARY MULCH, OR TEMPORARY SEED AND MULCH APPLIED, OR BE COVERED IN A MANNER THAT WILL PREVENT EROSION. ANY MEASURES USED TO COVER STOCKPILES SHALL BE SECURED TO MAINTAIN THEIR EFFECTIVENESS.

5. ANY ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES USED TO SUPPLEMENT THE PLANS SHALL BE PREPARED IN ACCORDANCE WITH THE TECHNICAL REQUIREMENTS CONTAINED IN THE "NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL, LATEST EDITION. ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS PER SECTION 1073.12 OF THE STANDARD SPECIFICATIONS.

6. THE CONTRACTOR SHALL COMPLY FULLY WITH NYSDOT STANDARD SPECIFICATIONS 107-12 AND 209-03 WITH THE EXCEPTION THAT ALL DISTURBED AREAS SHALL BE STABILIZED WITH STRAW MULCH (ITEM 209.100101) AT A MINIMUM BY THE END OF EACH WORK WEEK.

7. THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL ENVIRONMENTAL PERMITS ISSUED FOR THIS PROJECT. THESE PLANS REFLECT THE PROVISIONS AND REQUIREMENTS OF SAID PERMITIS). PERMITIS) WILL BE AVAILABLE FROM THE ENGINEER IN CHARGE (E.I.C.) PRIOR TO THE START OF CONSTRUCTION.

8. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT DIRECT OR INDIRECT CONTAMINATION OF ALL WATER BODIES (INCLUDING WETLANDS) FROM SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE, SLURRY OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION AND CONSTRUCTION PROCEDURES. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE OR SLURRY SHALL BE ALLOWED TO ESCAPE DIRECTLY OR INDIRECTLY INTO ANY WATER BODIES (INCLUDING WETLANDS), NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES BE ALLOWED TO ESCAPE DIRECTLY OR INDIRECTLY INTO ANY WATER BODIES (INCLUDING WETLANDS).

9. ANY DEBRIS OR EXCESS MATERIALS FROM CONSTRUCTION OF THIS PROJECT SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE STREAM BED AND WITHIN 50' OF THE WATERS EDGE OF ALL WATER BODIES (INCLUDING WETLANDS) AND SHALL BE DISPOSED OF AWAY FROM WETLANDS, WATER COURSES, OR OTHER BODIES OF WATER.

10. ALL DREDGED AND EXCAVATED MATERIAL SHALL BE DISPOSED OF AND BE PROTECTED SO THAT IT CANNOT DIRECTLY OR INDIRECTLY REENTER ANY WATER BODY OR WETLAND AREA. ALL DEWATERING OPERATIONS INVOLVING TURBID WATER SHALL BE ACCOMPLISHED BY PUMPING TO A VEGETATED AREA (NOT INCLUDING WETLANDS) OR TO A SEDIMENT TRAP, OR A MANUFACTURED SEDIMENT CONTROL SYSTEM. DEWATERING OPERATIONS OF TURBID WATER SHALL NOT DIRECTLY OR INDIRECTLY DISCHARGE TO ANY WATER BODIES (INCLUDING WETLANDS) UNLESS THE WATER BEING DISCHARGED IS AS FREE AND CLEAR OF SEDIMENT AS THE ADJACENT STREAM OR WATER BODY. LOCATIONS AND DESIGNS NOT SHOWN ON THE PLANS SHALL BE APPROVED BY THE E.I.C. AND THE REGIONAL CONSTRUCTION ENVIRONMENTAL COORDINATOR.

11. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THROUGHOUT THE DURATION OF THE CONTRACT IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL WATER COURSES FROM WATER BORNE SEDIMENT OR POLLUTANTS ORIGINATING FROM ANY WORK DONE, ON, OR IN SUPPORT OF THIS PROJECT. THE GENERAL NOTES FOR SOIL EROSION PREVENTION AND SEDIMENT CONTROL AND DETAILS SHOWN IN THESE DRAWINGS AND THOSE PROVIDED IN THE RESPECTIVE NYSDOT STANDARD SHEETS ARE NOT INTENDED TO BE ALL INCLUSIVE BUT TO SERVE AS A GUIDELINE FOR THE DEVELOPMENT OF THE CONTRACTOR'S EROSION CONTROL SCHEME REQUIRED UNDER SECTION 107-12 OF THE STANDARD SPECIFICATIONS.

GENERAL SOIL EROSION AND SEDIMENT CONTROL NOTES (CONTINUED):

11. IN ADDITION, ALL AREAS OF SOIL DISURBANCES RESULTING FROM THIS PROJECT SHALL BE STABILIZED BY PERMANENT SEEDING AND MULCH IN ACCORDANCE WITH SECTION 209-3.01 OF THE NYSDOT STANDARD SPECIFICATIONS WITHIN 48 HOURS OF FINAL GRADING. IF CONSTRUCTION ACTIVITES ARE DISCONTINUED IN AREAS OF SOIL DISTURBANCE BEFORE FINAL GRADING IS COMPLETE, TEMPORARY GRADING SHALL BE STABILIZED BY TEMPORARY MULCH (ITEM 209.100101) WITHIN 48 HOURS OF EXPOSURE. THE CONTRACTOR SHALL HAVE THE CAPABILITY TO STABILIZE DISTURED AREAS ON THE SAME DAY IN THE EVENT OF INCLEMENT WEATHER. ITEM 209.1003 - SEED AND MULCH TEMPORARY SHALL BE USED FOR TEMPORARY STABILIZATION FOR EROSION CONTROL DURING CONSTRUCTION UNTIL PERMANENT METHODS CAN BE APPLIED.

12. ALL APPROPRIATE EROSION CONTROLS SHALL BE PLACED PRIOR TO STARTING EARTHWORK OPERATIONS AND SHALL REMAIN IN PLACE UNTIL THE NEW SLOPES ARE STABILIZED WITH PERMANENT SEEDING AND/OR SLOPE PROTECTION.

13. PERIODIC CLEANING AND INSPECTION OF TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES WILL BE NECESSARY AFTER ANY STORM EVENT. MAINTENANCE OF THESE DEVICES MAY BE REQUIRED.

14. THE CONTRACTOR MUST CONTINUALLY BE PREPARED TO REPAIR AND REMULCH DISTURBED SOIL AREAS TO PROVIDENECESSARY COVERAGE TO LOCATIONS THAT HAVE BEEN DAMAGED BY STORMS OR EQUIPMENT. THE CONTRACTOR SHALL REPLACE OR REPAIR POLLUTION CONTROL STRUCTURES THAT FAIL BY CLOSE OF BUSINESS ON THE DAY FOLLOWING THE FAILURE. SHOULD THE ENGINEER DETERMINE AT ANY TIME THAT THE MULCH HAS NOT STABILIZED THE PROJECT AREA, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMULCHING AND ALL ADDITIONAL WORK NECESSARY TO CORRECT THE PROBLEM, AT THE CONTRACTOR'S EXPENSE. THIS WORK WILL BE REQUIRED FOR ALL AREAS ASSOCIATED WITH THE PROJECT AND WITHIN THE PROJECT LIMITS. THE CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN THE SAME STANDARDS FOR ALL OFF-SITE AREAS ASSOCIATED WITH THE PROJECT. THE COST OF THAT WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

EROSION & SEDIMENT CONTROL PROJECT STAGING:

1. THE CONTRACTOR WILL BE REQUIRED TO PERFORM ALL CONSTRUCTION OPERATIONS IN A MANNER THAT MINIMIZES SOIL EROSION AND PREVENTS SEDIMENTATION ON LANDS ADJACENT TO OR AFFECTED BY THE WORK, AND TAKE MEASURES TO MAINTAIN WATER QUALITY OF RECEIVING WATER BODIES (INCLUDING WETLANDS).

2. "DISTURBED' IS DEFINED AS WORK THAT RESULTS IN SOIL EXPOSURE.

3. "STABILIZED" IS DEFINED AS HAVING TEMPORARY OR PERMANENT EROSION AND SEDIMENT CONTROL MEASURES IN PLACE, INCLUDING, BUT NOT LIMITED TO, EROSION CONTROL MEASURES THAT COVER EXPOSED SOIL TO MINIMIZE THE SOIL FROM ERODING. PERIMETER SEDIMENT CONTROL MEASURES ALONE ARE NOT CONSIDERED ADEQUATE STABILIZATION.

4. PRIOR TO BEGINNING ANY DISTURBANCE ACTIVITIES ON A SECTION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT A PLAN SHOWING THE LIMITS OF DISTURBANCE, INCLUDING THE AMOUNT OF AREA TO BE DISTURBED, AN EROSION AND SEDIMENT CONTROL PLAN THAT SUPPLEMENTS THE CONTRACT'S EROSION AND SEDIMENT CONTROL PLAN, AND A PROGRESS SCHEDULE FOR THE ACCOMPLISHMENT OF TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL WORK FOR REVIEW AND APPROVAL BY THE ENGINEER IN-CHARGE. THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL PLAN SHALL INCLUDE MEASURES THAT MINIMIZE EROSION AND CONTROL SEDIMENT FROM DISTURBED AREAS, INCLUDING, BUT NOT LIMITED TO, EROSION AND SEDIMENT CONTROL FOR STORAGE AND STAGING AREAS, HAUL ROADS AND CONSTRUCTION ENTRANCES, BORROW AREAS, AND DISPOSAL AREAS WITHJN THE RIGHT-OF-WAY. THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL PLAN SHALL BE PREPARED IN ACCORDANCE WITH DEPARTMENT SPECIFICATIONS AND THE GUIDANCE CONTAINED IN THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, LATEST EDITION.

5. IN ACCORDANCE WITH SECTIONS 187-12 AND 289-3.81 OF THE NYSDOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL REVIEW THE EROSION AND SEDIMENT CONTROL PLAN INCLUDED IN THE CONTRACT DOCUMENTS, AND IF NECESSARY, MODIFY THE PLAN WITH THE CONTRACTOR'S INTENDED SEQUENCE AND TYPES OF OPERATIONS. IN ADDITION, THE PLAN MUST MEET REQUIREMENTS IN NOTES BELOW, BE IN ACCORDANCE TO THE SWPPP, MEET ANY SPDES, OR STREAM AND WETLAND PERMITS, AND BE PREPARED IN ACCORDANCE WITH THE 2016 NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (NYDEC BLUE BOOK), THE CONTRACTOR'S MODIFIED EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, ALONG WITH A PROGRESS SCHEDULE THAT ADDRESSES THIS WORK.

6. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF FROM DISTURBED AREAS IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL DEVICES BEFORE ENTERING A WATER BODY OR WETLAND.

CONCRETE TRUCK WASHOUT NOTES:

1. CONCRETE TRUCK DRUM AND CHUTE WASH WATER DISCHARGED TO THE GROUND WAY ADVERSELY AFFECT GROUNDWATER PH. ONE OR MORE CONTAINMENT FACILITIES MEETING THE REQUIREMENTS OF NYSDEC'S NEW YORK STATE STANDARDS FOR EROSION AND SEDIMENT CONTROL AKA THE BLUE BOOK IS REQUIRED ON THIS PROJECT SITE TO COLLECT FROM ALL CONCRETE WORK CLEANING, SEE HTTP://WWW.DEC.NY.GOV/DOCS/WATER PDF/SECT2RESPLAN.PDF FOR THE STANDARD AND SPECIFICATION EXAMPLE. ACTUAL LAYOUT AND LOCATION SHALL BE DETERMINED IN THE FIELD. WASHOUT FACILITIES SHALL BE CLEANED OR A NEW FACILITY SHALL BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FULL.

2. THE COST FOR THE CONCRETE WASHOUT FACILITY(DES) SHALL BE INCLUDED IN THE PRICE BID FOR ALL THE VARIOUS CONCRETE ITEMS IN THIS CONTRACT. NO SEPARATE PAYMENT WILL BE MADE. IF A FACILITY IS NOT CONSTRUCTED FOR THIS CONTRACT, ALL CONCRETE TRUCKS WILL BE REQUIRED TO RETURN TO THEIR PLANTS WITH THEIR WASH WATER CONTAINED.

REPORTING OF SPILLS, DISCHARGES AND/OR CONTAMINATED SOILS:

1. CONSTRUCTION ACTIVITIES HAVE THE POTENTIAL TO RESULT IN A RELEASE/SPILL OF PETROLEUM OR OTHER CHEMICALS. IN ADDITION, INDICATORS OF PREVIOUSLY CONTAMINATED MATERIAL MAY BE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES.

2. THE CONTRACTOR MUST REPORT ALL PETROLEUM AND CHEMICAL SPILLS TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) SPILL HOTLINE (1-888-457-7362) WITHIN 2 HOURS OF DISCOVERY, EXCEPT SPILLS WHICH MEET ALL THE FOLLOWING CRITERIA:

   A. THE QUANTITY IS KNOWN TO BE LESS THAN 5 GALLONS; AND
   B. THE SPILL IS CONTAINED AND UNDER THE CONTROL OF THE SPILLER AND
   C. THE SPILL HAS NOT AND WILL NOT REACH THE STATE'S WATER OR ANY LAND; AND
   D. THE SPILL IS CLEANED UP WITHIN 2 HOURS OF DISCOVERY.

3. A SPILL IS CONSIDERED TO HAVE NOT IMPACTED LAND IF IT OCCURS ON A PAVED SURFACE SUCH AS ASPHALT OR CONCRETE. A SPILL IN A DIRT OR GRAVEL PARKING LOT IS CONSIDERED TO HAVE IMPACTED LAND AND IS REPORTABLE.

4. ALL SPILLS THAT REQUIRE REPORTING TO NYSDEC MUST ALSO BE REPORTED TO THE ENGINEER-IN-CHARGE (E.I.C.) AS SOON AS POSSIBLE.

5. IN ADDITION, IF ANY CONTAMINATED MATERIAL INDICATORS, SUCH AS NOXIOUS ODORS EMANATING FROM THE SOIL OR WATER, OR DISCOLORED SOIL OR WATER, ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP OPERATIONS IMMEDIATELY AND NOTIFY THE EIC, WHO WILL COORDINATE WITH THE REGIONAL CONSTRUCTION ENVIRONMENTAL COORDINATOR TO DETERMINE NEXT STEPS.

STAGING, STORAGE, AND STOCKPILE AREAS:

1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO STANDARD SPECIFICATION 187-88 REGARDING PROCEDURES FOR THE USE OF AREAS OUTSIDE THE LIMITS OF DISTURBANCE AND/OR THE CONTRACT LIMITS SHOWN ON THE CONTRACT DOCUMENTS, SUCH AS FOR STAGING, STORAGE, AND STOCKPILE AREAS. ADDITIONAL ENVIRONMENTAL APPROVALS MAY BE NECESSARY. AREAS OF COMPACTION ASSOCIATED WITH STAGING, STOCKPILING OR ACCESS SHALL RECIEVE SOIL RESTORATION TECHNIQUES INCLUDING, SUBSOILING TO A DEPTH OF 12 INCHES, INCORPORATION OF 3 INCHES OF COMPOST, PLACMENT OF 6 INCHES OF TOPSOIL AND ESTABLISHMENT OF PERMENANT TURF. AREAS ASSOCIATED WITH STOCKPILING, STAGING AND ACCESS ARE AT THE DESCRETION OF THE CONTRACTOR AND SHALL BE RESTORED AT NO COST TO THE STATE.

SEEDING/TURF ESTABLISHMENT

1. PERMANENT VEGETATION SUCH AS TURF AND SOD SHALL BE ESTABLISHED IN ACCORDANCE WITH SECTION 610-3.03 PRIOR TO WINTER SHUTDOWN. IF AN UNANTICIPATED WINTER SHUTDOWN OCCURS, OR THIS WORK CANNOT BE ACCOMPLISHED, ALL EXPOSED SOIL SHALL BE TEMPORARILY STABILIZED BY THE CONTRACTOR AS APPROVED BY THE EIC AND CEC AT NO COST TO THE STATE. ALL TEMPORARY MEASURES SHALL BE MAINTANTED.

2. WOOD FIBER MULCH, AS APPROVED, MAY BE USED IF SEEDING IS PERFORMED DURING THE FOLLOWING PERIODS AS APPROVED BY THE REGIONAL LANDSCAPE ARCHITECT: SPRING APRIL 20TH TO MAY 20TH AND FALL AUGUST 20TH TO SEPTEMBER 30TH. SEEDING THAT OCCURS OUT OF THESE TIMEFRAMES SHALL UTILIZE STRAW MULCH WITH TACKIFIER.

3. THE ENTIRE PROJECT SHALL BE PERMANENTLY SEEDED BY OCTOBER 1ST. FAILURE TO MEET THIS DATE SHALL BE COMMUNICATED IN WRITING ALONG WITH A WORK PLAN TO THE CEC AND EIC FOR APPROVAL BY SEPTEMBER 15TH. THIS WORK PLAN WILL ADDRESS HOW TO PROVIDE ADEQUATE SEDIMENT AND EROSION CONTROL FOR THE PROJECT DURING THE WINTER MONTHS. ANY ADDITIONAL LABOR AND MATERIALS COSTS ASSOCIATED WITH THIS WORK PLAN SHALL BE AT NO COST TO THE STATE.

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

FILE NAME = 3043.69_cpn_ecd_ESC Notes.dgn
DATE/TIME = 20-AUG-2024 14:07
USER = tnajuch

AFFIX SEAL:
ON: 8/20/2024

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EROSION SEDIMENT CONTROL NOTES

CONTRACT NUMBER D265304

DRAWING NO. ESC-01
SHEET NO. 30A1

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

CHECK DAM

ITEM NO.	DESCRIPTION
209.110101	CHECK DAM (DITCH BOTTOM WIDTH>0.0' TO 3'), STONE - TEMPORARY
209.110102	CHECK DAM (DITCH BOTTOM WIDTH> 3' TO 6'), STONE - TEMPORARY

DN NO.	STATION	SIDE	209.110101 (EA)	209.110102 (EA)
101	NB 369+50.0	LT	1.0	
201	NB 362+50.0	LT	1.0	
306	NB 358+00.0	LT	1.0	
401	HR 4+08	LT	1.0	
501	HR 9+04	LT	1.0	
600	HR 0+45	LT		1.0
700	HR 0+85	LT	1.0	
		TOTAL	6.0	1.0

DRAINAGE INLET PROTECTION

ITEM NO.	DESCRIPTION
209.2301	SEDIMENT FILTER LOG, 12"

DS NO.	STATION	SIDE	209.2301 (FT)
100	NB 369+50	RT	18.6
200	NB 362+50	RT	18.6
301	NB 358+00	RT	18.6
302	NB 356+75	RT	18.6
303	NB 357+35	RT	18.6
304	NB 359+05	RT	18.6
305	NB 358+90	RT	18.6
306	NB 358+00	RT	18.6
400	HR 9+04.5	RT	18.6
500	HR 4+09	RT	18.6
		TOTAL	186.0

FILTER LOG

ITEM NO.	DESCRIPTION
209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES

STATION FROM	STATION TO	SIDE	209.23010009 (FT)
0+00	11+12	LT.	1,143.0
3+51	9+52	RT.	630.0
362+50	374+00	LT.	1,150.0
		TOTAL	2,923.0

CLEARING AND GRUBBING

ITEM NO.	DESCRIPTION
201.07	CLEARING AND GRUBBING

LOCATION	201.07 (ACRE)
RAMP	0.80
DRY SWALE	1.00
TOTAL	1.8

PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER
DRAFTING T. NAJUCH
CHECK J. MESSENGER
DESIGN T. NAJUCH
CHECK J. MESSENGER
JOB MANAGER J. OTTMAN
DESIGN SUPERVISOR J. OTTMAN

FILE NAME = 3043.69_cpn_ecd_ESC Notes.dgn
DATE/TIME = 12-JUN-2024 09:17
USER = tnajuch

AFFIX SEAL:
ON: 06/11/2024

STATE OF NEW YORK
JONATHAN W OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

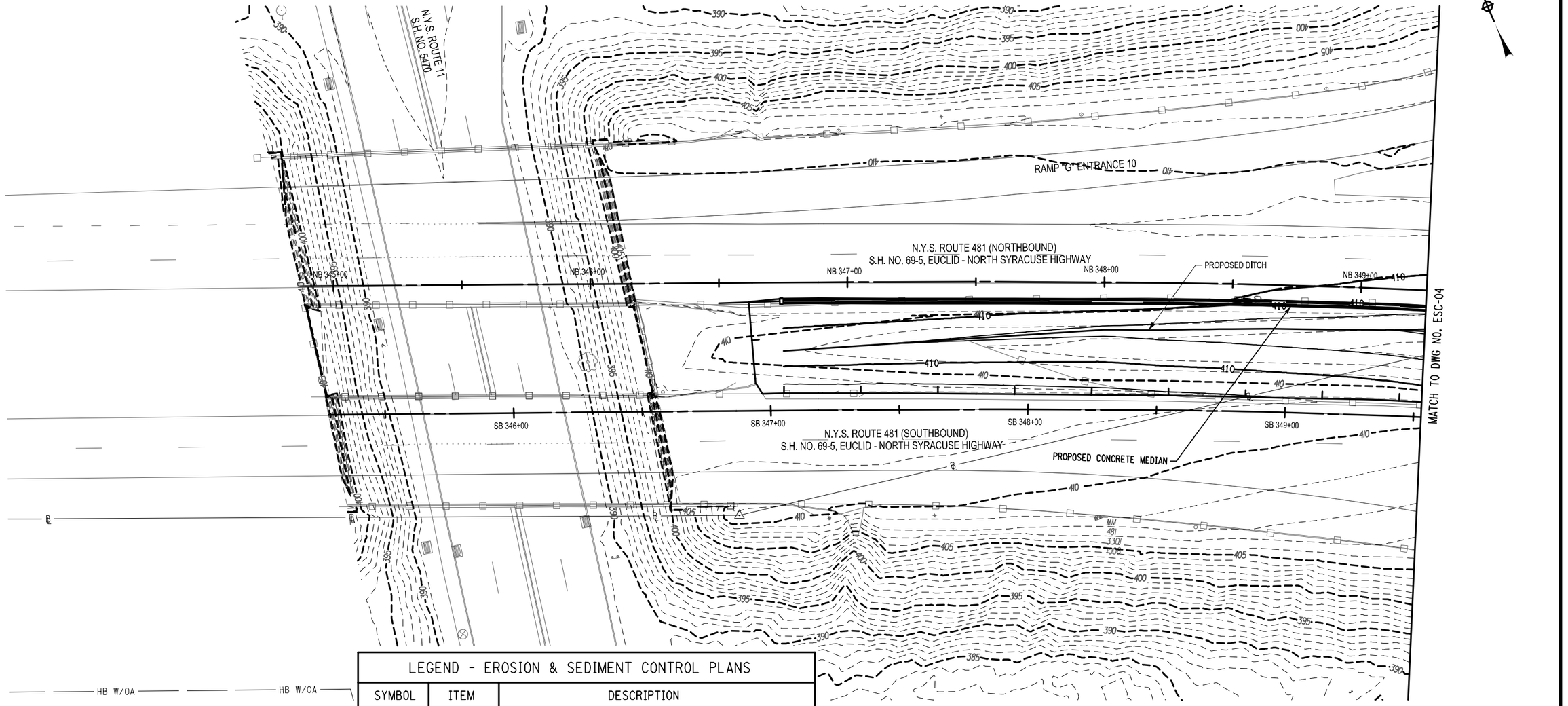
EROSION SEDIMENT CONTROL TABLES

CONTRACT NUMBER D265304

DRAWING NO. ESC-02

SHEET NO. 31

NEW YORK STATE OF OPPORTUNITY. Department of Transportation



LEGEND - EROSION & SEDIMENT CONTROL PLANS		
SYMBOL	ITEM	DESCRIPTION
	201.07	CLEARING AND GRUBBING
	209.110101 209.110102	CHECK DAM, STONE - TEMPORARY
	209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES
	209.2301	SEDIMENT FILTER LOG, 12"

AFFIX SEAL:
ON: 06/11/2024

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EROSION SEDIMENT CONTROL PLAN

CONTRACT NUMBER D265304

DRAWING NO. ESC-03
SHEET NO. 32

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.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

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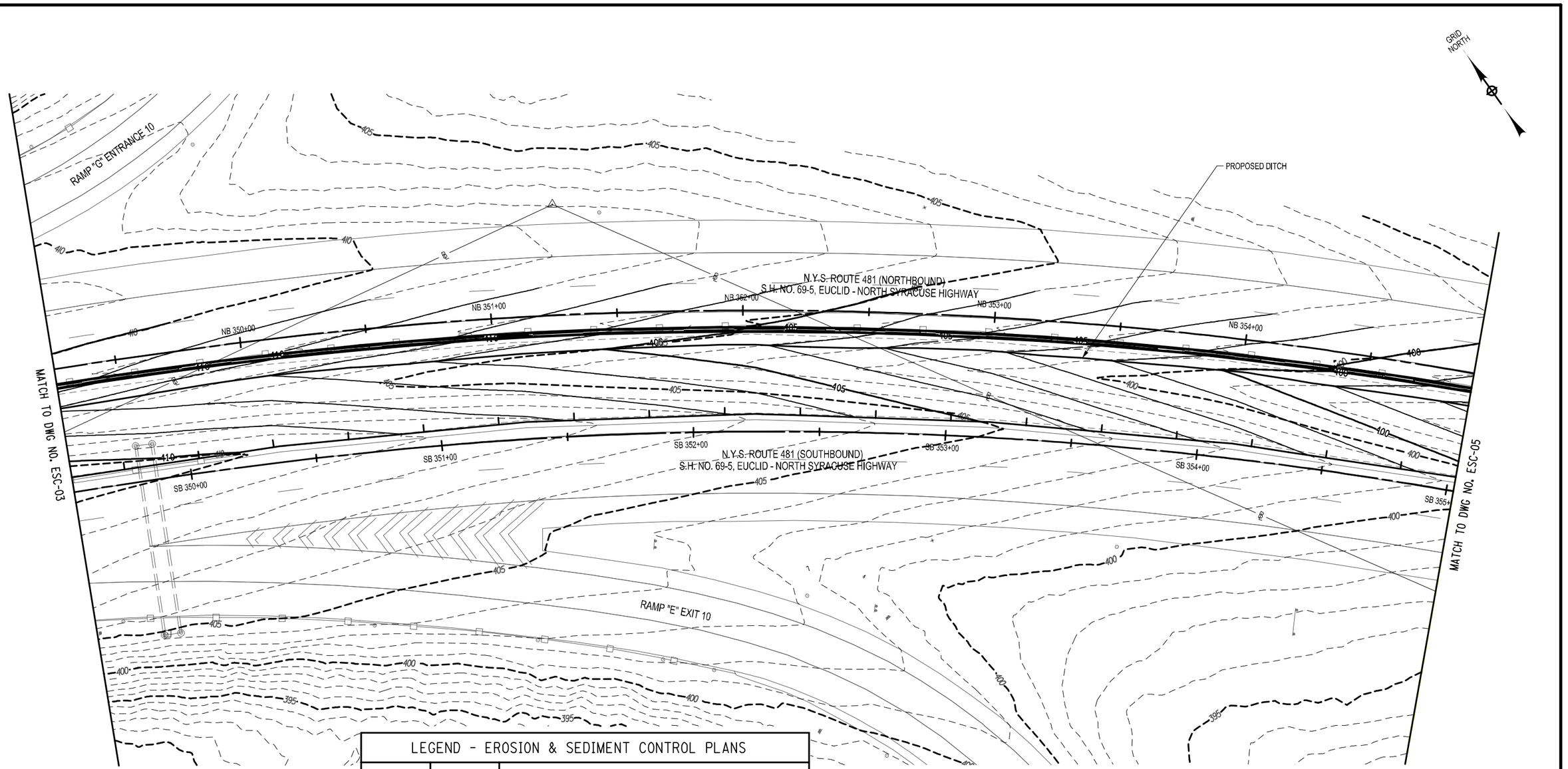
USER = tnajuch



LEGEND - EROSION & SEDIMENT CONTROL PLANS

SYMBOL	ITEM	DESCRIPTION
	201.07	CLEARING AND GRUBBING
	209.110101 209.110102	CHECK DAM, STONE - TEMPORARY
	209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES
	209.2301	SEDIMENT FILTER LOG, 12"

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EROSION SEDIMENT CONTROL PLAN

CONTRACT NUMBER D265304

DRAWING NO. ESC-04

SHEET NO. 33

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

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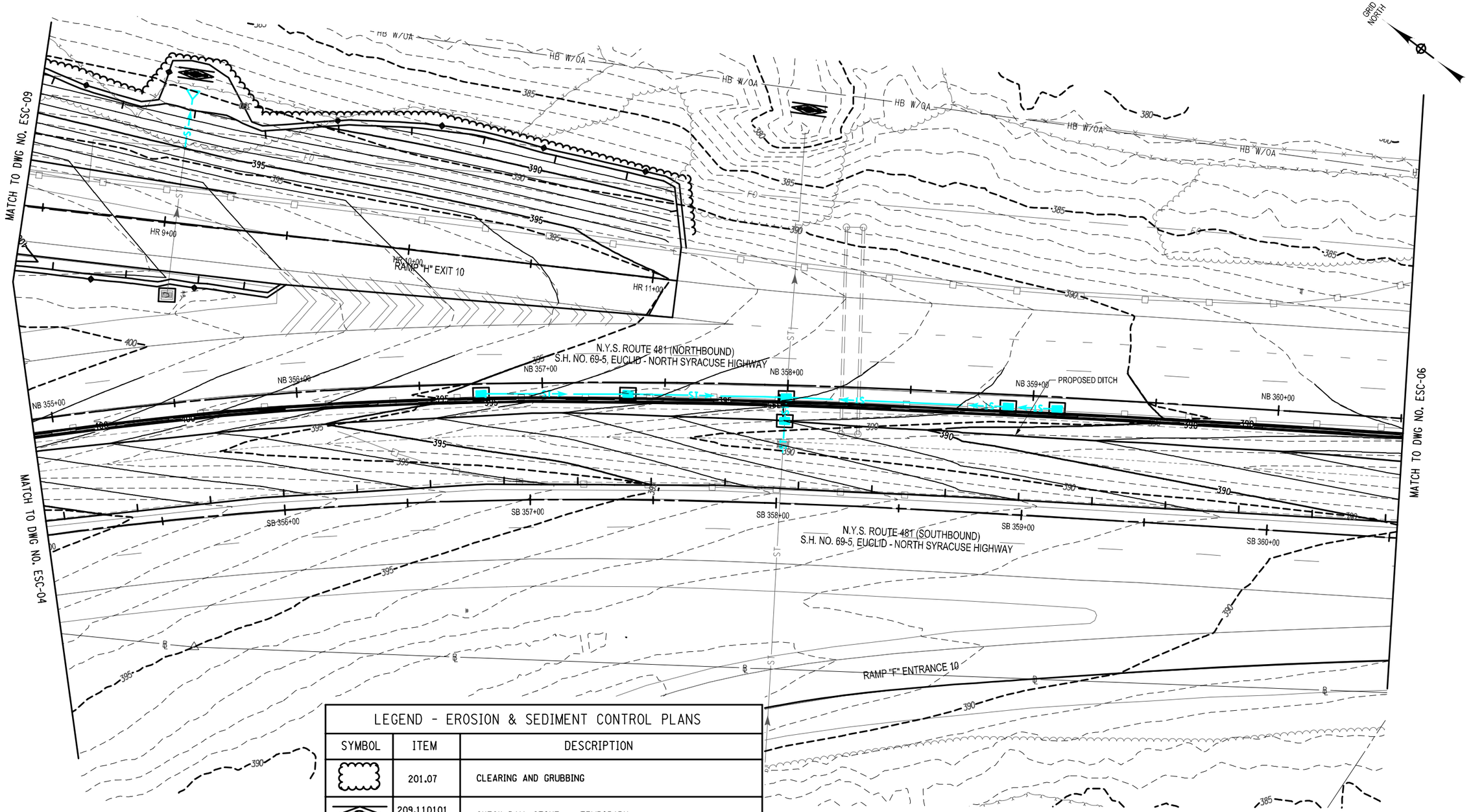
USER = tnajuch



LEGEND - EROSION & SEDIMENT CONTROL PLANS		
SYMBOL	ITEM	DESCRIPTION
	201.07	CLEARING AND GRUBBING
	209.110101 209.110102	CHECK DAM, STONE - TEMPORARY
	209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES
	209.2301	SEDIMENT FILTER LOG, 12"

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W. OTTMAN
LICENSED PROFESSIONAL ENGINEER
075865

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EROSION SEDIMENT CONTROL PLAN

CONTRACT NUMBER D265304

DRAWING NO. ESC-05

SHEET NO. 34

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

FILE NAME = 3043.69_cpn_ecd_Erosion Control Details.dgn
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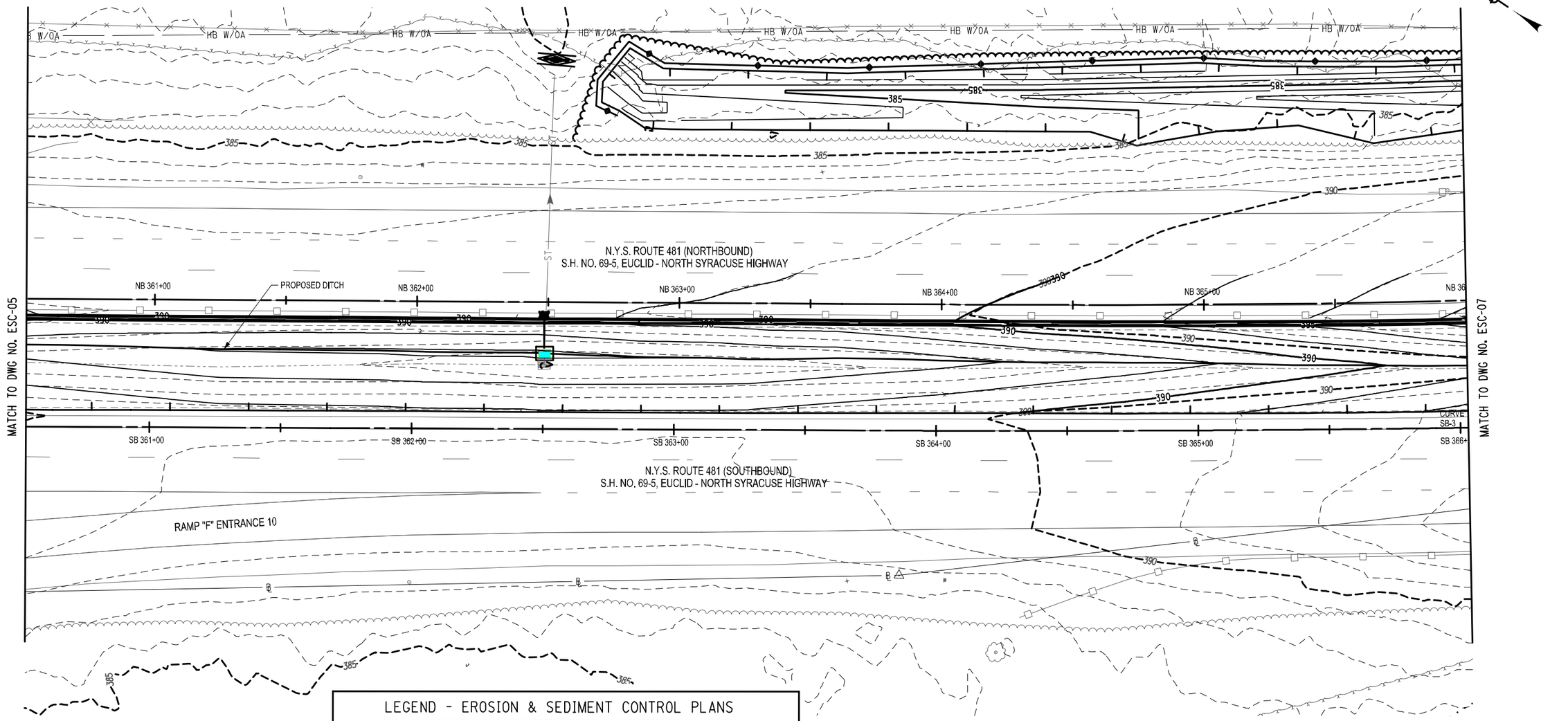
USER = tnajuch



LEGEND - EROSION & SEDIMENT CONTROL PLANS

SYMBOL	ITEM	DESCRIPTION
	201.07	CLEARING AND GRUBBING
	209.110101 209.110102	CHECK DAM, STONE - TEMPORARY
	209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES
	209.2301	SEDIMENT FILTER LOG, 12"

0 20 40 60 FT

1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EROSION SEDIMENT CONTROL PLAN

CONTRACT NUMBER D265304

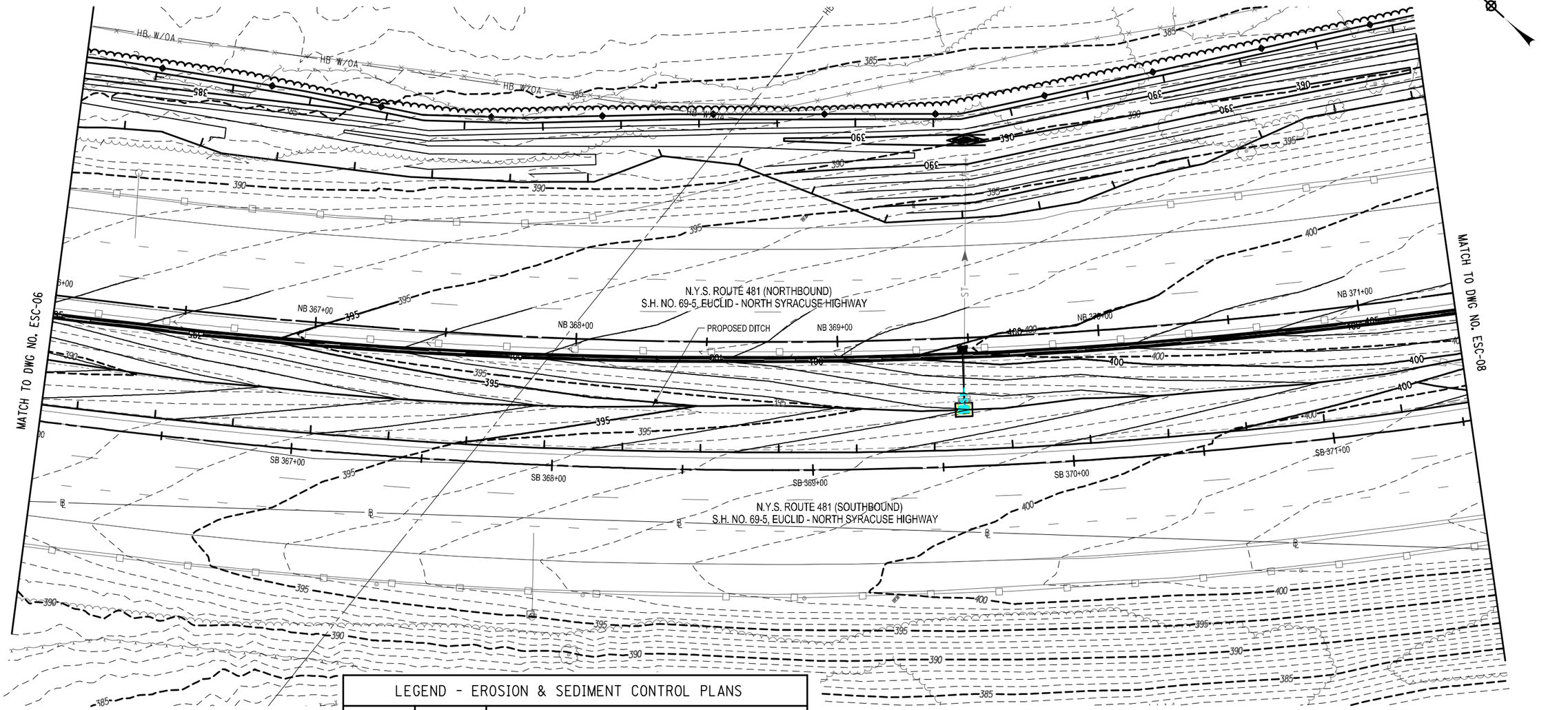
DRAWING NO. ESC-06

SHEET NO. 35

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER

FILE NAME = 3043.69_cph_ecd_Erosion Control Details.dgn
DATE/TIME = 12-JUN-2024 09:23
USER = tnajuch



LEGEND - EROSION & SEDIMENT CONTROL PLANS

SYMBOL	ITEM	DESCRIPTION
	201.07	CLEARING AND GRUBBING
	209.110101 209.110102	CHECK DAM, STONE - TEMPORARY
	209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES
	209.2301	SEDIMENT FILTER LOG, 12"

0 20 40 60 FT

1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EROSION SEDIMENT CONTROL PLAN

CONTRACT NUMBER D265304

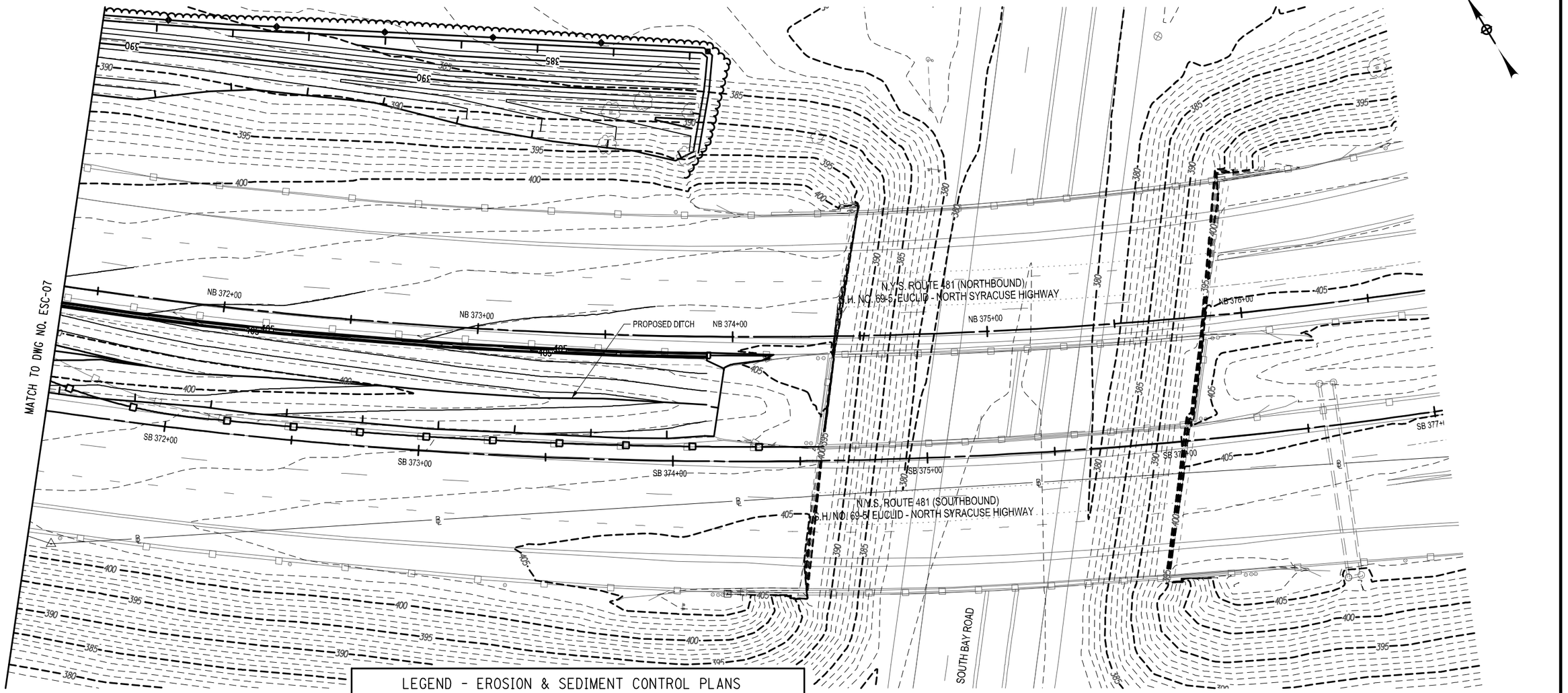
DRAWING NO. ESC-07

SHEET NO. 36

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

FILE NAME = 3043.69_dgn_ecd_Erosion Control Details.dgn
DATE/TIME = 12-JUN-2024 09:25
USER = tnajuch



LEGEND - EROSION & SEDIMENT CONTROL PLANS

SYMBOL	ITEM	DESCRIPTION
	201.07	CLEARING AND GRUBBING
	209.110101 209.110102	CHECK DAM, STONE - TEMPORARY
	209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES
	209.2301	SEDIMENT FILTER LOG, 12"

0 20 40 60 FT

1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EROSION SEDIMENT CONTROL PLAN

CONTRACT NUMBER D265304

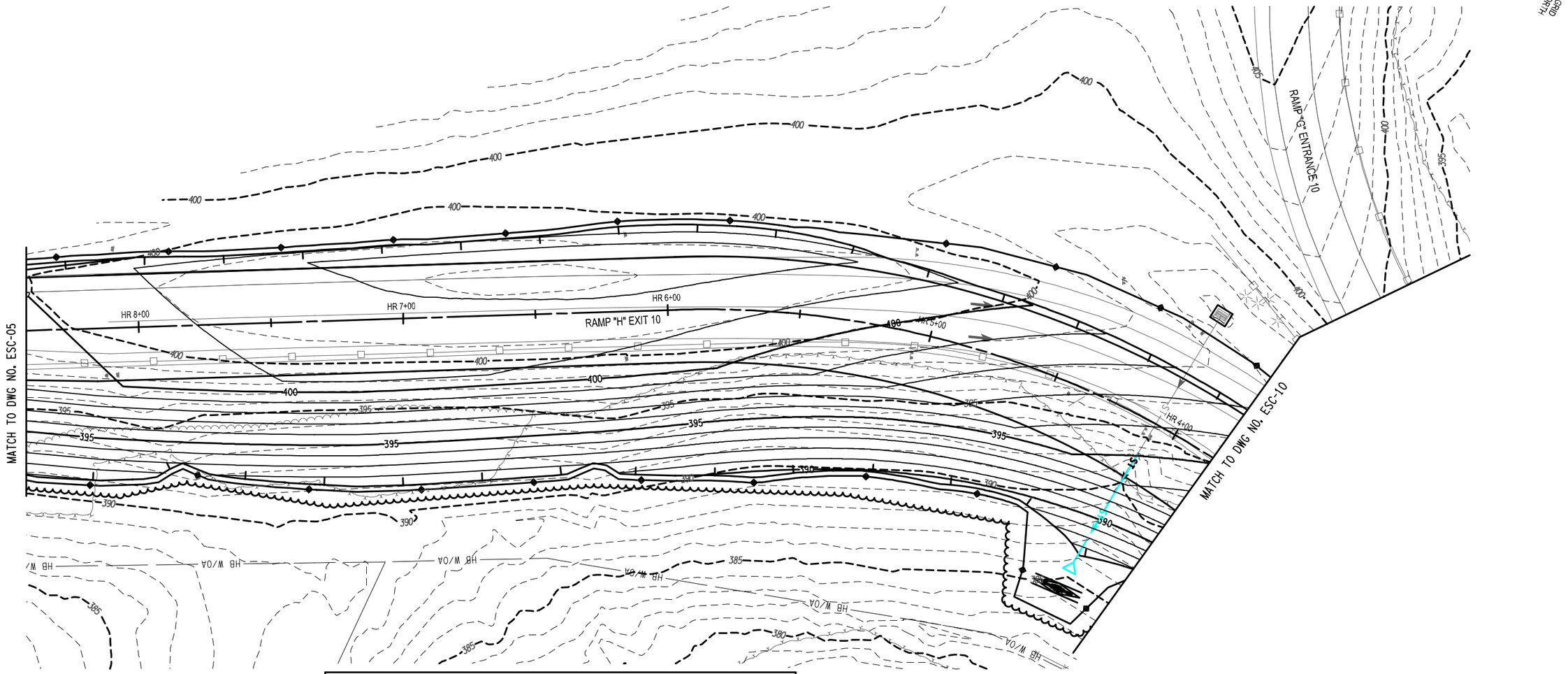
DRAWING NO. ESC-08

SHEET NO. 37

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

FILE NAME = 3043.69_cph_ecd_Erosion Control Details.dgn
DATE/TIME = 12-JUN-2024 09:26
USER = tnajuch



LEGEND - EROSION & SEDIMENT CONTROL PLANS

SYMBOL	ITEM	DESCRIPTION
	201.07	CLEARING AND GRUBBING
	209.110101 209.110102	CHECK DAM, STONE - TEMPORARY
	209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES
	209.2301	SEDIMENT FILTER LOG, 12"

0 20 40 60 FT

1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EROSION SEDIMENT CONTROL PLAN

CONTRACT NUMBER D265304

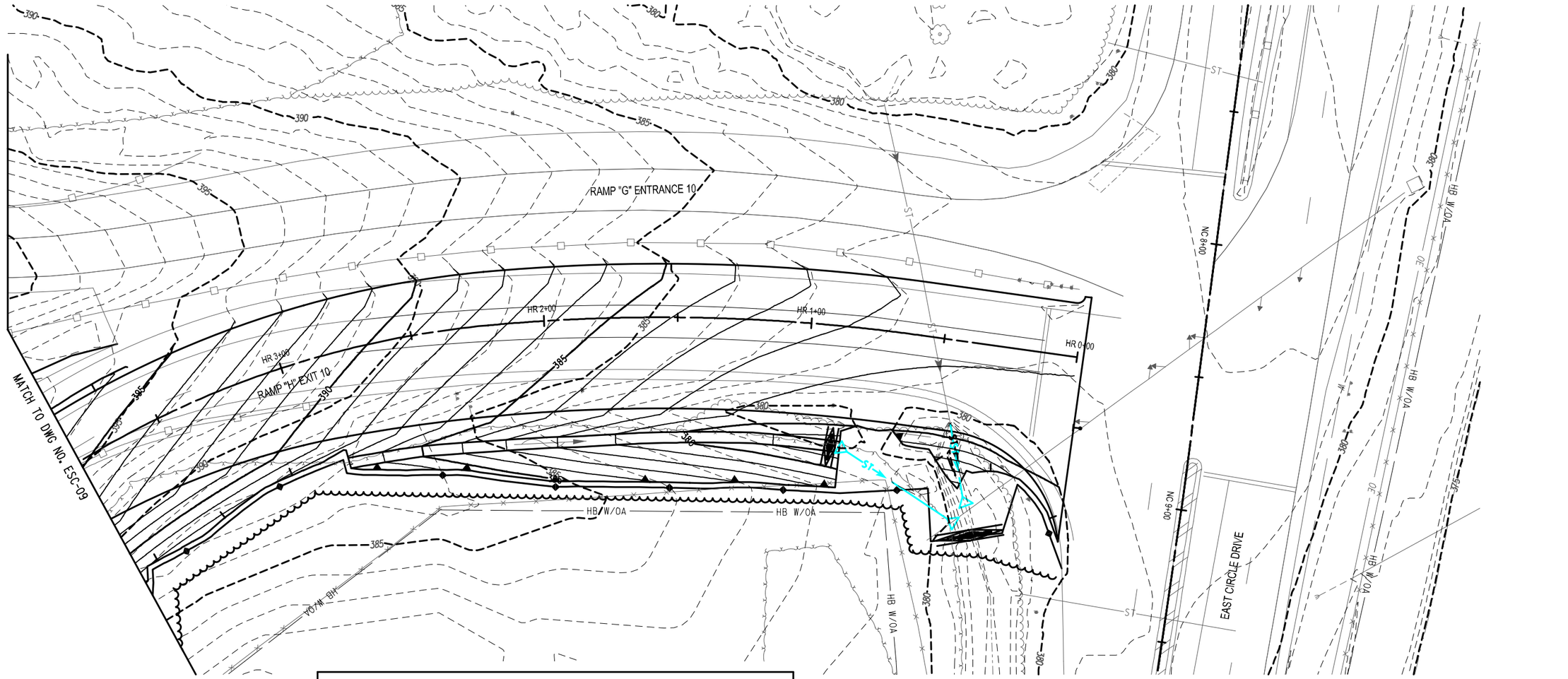
DRAWING NO. ESC-09

SHEET NO. 38

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJJUCH
CHECK J. MESSENGER
DRAFTING T. NAJJUCH
CHECK J. MESSENGER
PROJECT MANAGER J. OTTMAN

FILE NAME = 3043.69_cpn_ecd_Erosion Control Details.dgn
DATE/TIME = 12-JUN-2024 09:26
USER = tnajuch



LEGEND - EROSION & SEDIMENT CONTROL PLANS		
SYMBOL	ITEM	DESCRIPTION
	201.07	CLEARING AND GRUBBING
	209.110101 209.110102	CHECK DAM, STONE - TEMPORARY
	209.23010009	BIODEGRADABLE SEDIMENT FILTER LOG, 12 INCHES
	209.2301	SEDIMENT FILTER LOG, 12"

0 20 40 60 FT

1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W TMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

EROSION SEDIMENT CONTROL PLAN

CONTRACT NUMBER D265304

DRAWING NO. ESC-10

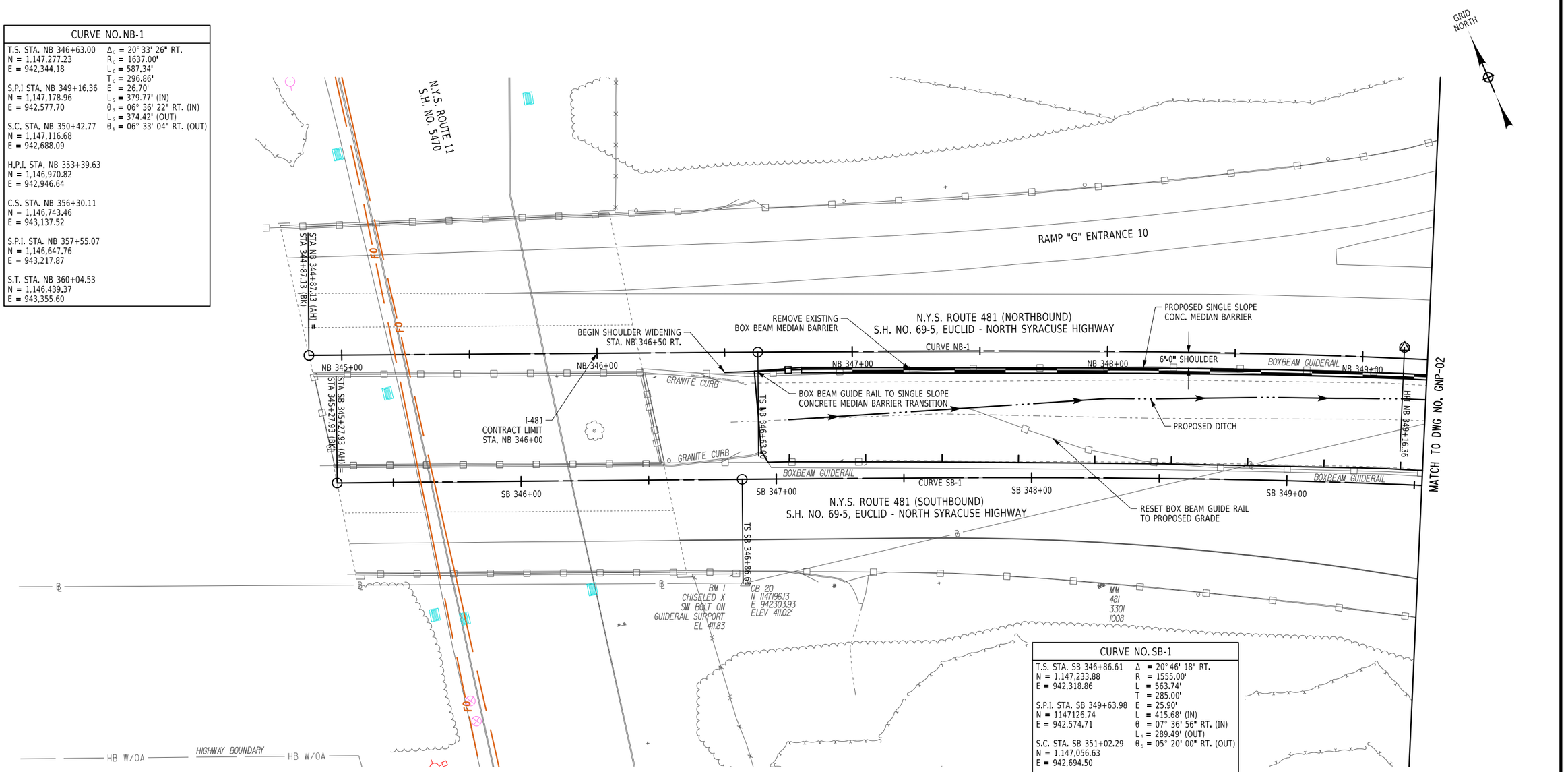
SHEET NO. 39

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

FILE NAME = 3043.69_cpn_ecd_Erosion Control Details.dgn
DATE/TIME = 12-JUN-2024 09:27
USER = tnajuch

CURVE NO. NB-1	
T.S. STA. NB 346+63.00	Δ_c = 20° 33' 26" RT.
N = 1,147,277.23	R_c = 1637.00'
E = 942,344.18	L_c = 587.34'
	T_c = 296.86'
S.P.I STA. NB 349+16.36	E = 26.70'
N = 1,147,178.96	L_s = 379.77' (IN)
E = 942,577.70	θ_s = 06° 36' 22" RT. (IN)
	L_s = 374.42' (OUT)
S.C. STA. NB 350+42.77	θ_s = 06° 33' 04" RT. (OUT)
N = 1,147,116.68	
E = 942,688.09	
H.P.I. STA. NB 353+39.63	
N = 1,146,970.82	
E = 942,946.64	
C.S. STA. NB 356+30.11	
N = 1,146,743.46	
E = 943,137.52	
S.P.I. STA. NB 357+55.07	
N = 1,146,647.76	
E = 943,217.87	
S.T. STA. NB 360+04.53	
N = 1,146,439.37	
E = 943,355.60	



CURVE NO. SB-1	
T.S. STA. SB 346+86.61	Δ = 20° 46' 18" RT.
N = 1,147,233.88	R = 1555.00'
E = 942,318.86	L = 563.74'
	T = 285.00'
S.P.I. STA. SB 349+63.98	E = 25.90'
N = 1147126.74	L = 415.68' (IN)
E = 942,574.71	θ = 07° 36' 56" RT. (IN)
	L_s = 289.49' (OUT)
S.C. STA. SB 351+02.29	θ_s = 05° 20' 00" RT. (OUT)
N = 1,147,056.63	
E = 942,694.50	
H.P.I. STA. SB 353+87.29	
N = 1,146,912.68	
E = 942,940.47	
C.S. STA. SB 356+66.03	
N = 1,146,690.86	
E = 943,119.41	
S.P.I. STA. SB 357+62.60	
N = 1,146,615.69	
E = 943,180.04	
S.T. STA. SB 359+55.51	
N = 1,146,454.79	
E = 943,286.77	

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 6/21/2024

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
075463
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

GENERAL PLAN

CONTRACT NUMBER
D265304

DRAWING NO. GNP-01
SHEET NO. 40

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
DESIGN A. BLACKMON
CHECK W. MCCORMICK
DRAFTING S. BEAMAN
CHECK A. BLACKMON
PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph-GNP-01 thru GNP-xx.dgn
DATE/TIME = 13-JUN-2024 11:55
USER =

CURVE NO. NB-1	
T.S. STA. NB 346+63.00 N = 1,147,277.23 E = 942,344.18	S.P.I. STA. NB 357+55.07 N = 1,146,647.76 E = 943,217.87
S.P.I STA. NB 349+16.36 N = 1,147,178.96 E = 942,577.70	S.T. STA. NB 360+04.53 N = 1,146,439.37 E = 943,355.60
S.C. STA. NB 350+42.77 N = 1,147,116.68 E = 942,688.09	Δ_c = 20° 33' 26" RT. R_c = 1637.00' L_c = 587.34' T_c = 296.86'
H.P.I. STA. NB 353+39.63 N = 1,146,970.82 E = 942,946.64	E = 26.70' L_s = 379.77' (IN) θ_s = 06° 36' 22" RT. (IN) L_s = 374.42' (OUT)
C.S. STA. NB 356+30.11 N = 1,146,743.46 E = 943,137.52	θ_s = 06° 33' 04" RT. (OUT)

CURVE NO. SB-1	
T.S. STA. SB 346+86.61 N = 1,147,233.88 E = 942,318.86	Δ = 20° 46' 18" RT. R = 1555.00' L = 563.74' T = 285.00'
S.P.I. STA. SB 349+63.98 N = 1147126.74 E = 942,574.71	E = 25.90' L = 415.68' (IN) θ = 07° 36' 56" RT. (IN) L_s = 289.49' (OUT)
S.C. STA. SB 351+02.29 N = 1,147,056.63 E = 942,694.50	θ_s = 05° 20' 00" RT. (OUT)
H.P.I. STA. SB 353+87.29 N = 1,146,912.68 E = 942,940.47	
C.S. STA. SB 356+66.03 N = 1,146,690.86 E = 943,119.41	
S.P.I. STA. SB 357+62.60 N = 1,146,615.69 E = 943,180.04	
S.T. STA. SB 359+55.51 N = 1,146,454.79 E = 943,286.77	

0 20 40 60 FT

1" = 40'

AFFIX SEAL:
ON: 6/21/2024

STATE OF NEW YORK · PAUL JOSEPH PRESUTTI · 075463 · LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

GENERAL PLAN

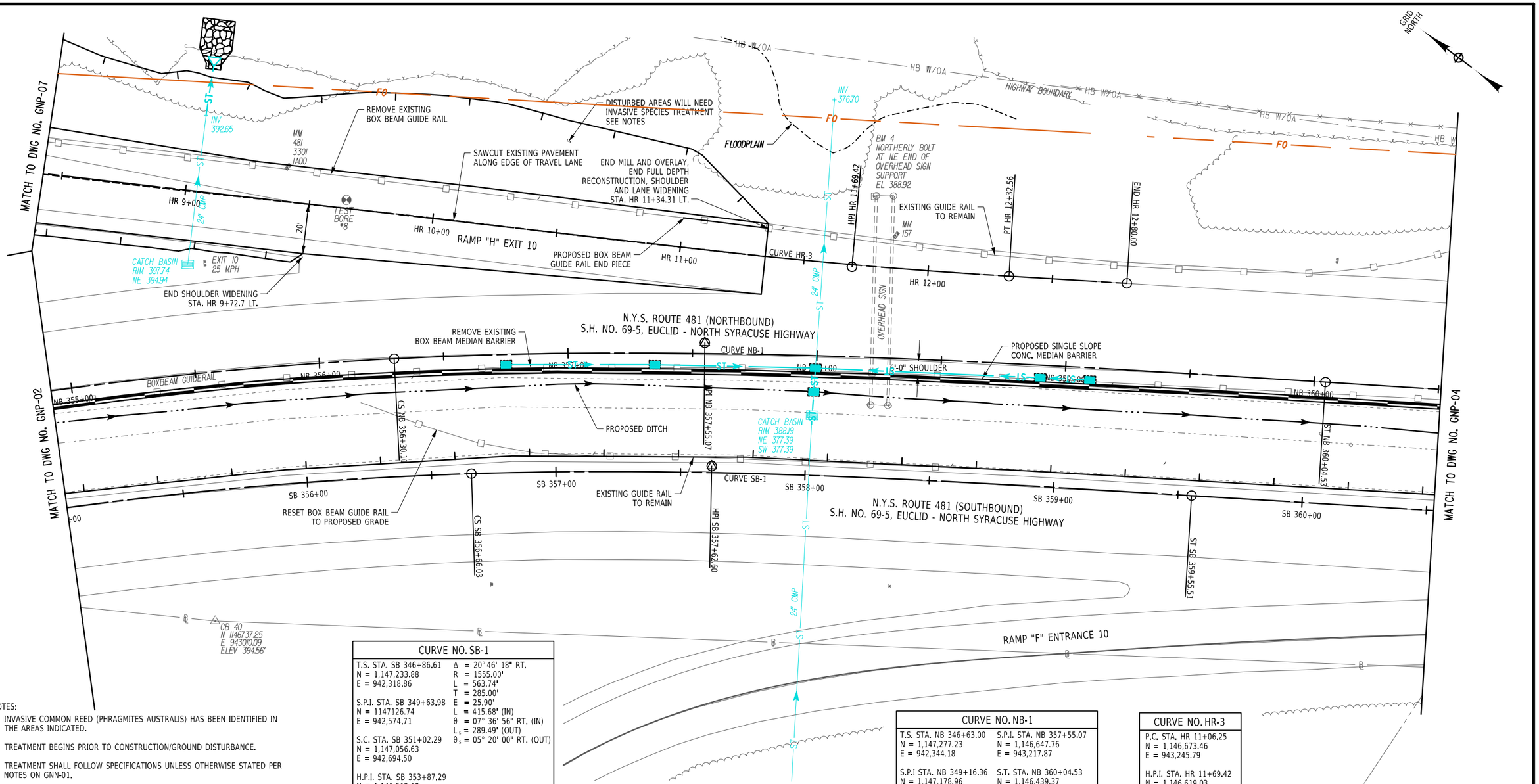
CONTRACT NUMBER
D265304

DRAWING NO. GNP-02
SHEET NO. 41

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
DESIGN P. PRESUTTI
CHECK A. BLACKMON
PROJECT MANAGER S. BEAMAN
CHECK W. MCCORMICK
DRAFTING P. PRESUTTI

FILE NAME = 1969605_cph-GNP-01 thru GNP-xx.dgn
DATE/TIME = 13-JUN-2024 11:55
USER =



NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) HAS BEEN IDENTIFIED IN THE AREAS INDICATED.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

CURVE NO. SB-1

T.S. STA. SB 346+86.61	Δ = 20° 46' 18" RT.
N = 1,147,233.88	R = 1555.00'
E = 942,318.86	L = 563.74'
	T = 285.00'
S.P.I. STA. SB 349+63.98	E = 25.90'
N = 1147126.74	L = 415.68' (IN)
E = 942,574.71	θ = 07° 36' 56" RT. (IN)
	L_s = 289.49' (OUT)
S.C. STA. SB 351+02.29	θ_s = 05° 20' 00" RT. (OUT)
N = 1,147,056.63	
E = 942,694.50	
H.P.I. STA. SB 353+87.29	
N = 1,146,912.68	
E = 942,940.47	
C.S. STA. SB 356+66.03	
N = 1,146,690.86	
E = 943,119.41	
S.P.I. STA. SB 357+62.60	
N = 1,146,615.69	
E = 943,180.04	
S.T. STA. SB 359+55.51	
N = 1,146,454.79	
E = 943,286.77	

CURVE NO. NB-1

T.S. STA. NB 346+63.00	S.P.I. STA. NB 357+55.07
N = 1,147,277.23	N = 1,146,647.76
E = 942,344.18	E = 943,217.87
S.P.I STA. NB 349+16.36	S.T. STA. NB 360+04.53
N = 1,147,178.96	N = 1,146,439.37
E = 942,577.70	E = 943,355.60
S.C. STA. NB 350+42.77	Δ_c = 20° 33' 26" RT.
N = 1,147,116.68	R_c = 1637.00'
E = 942,688.09	L_c = 587.34'
	T_c = 296.86'
H.P.I. STA. NB 353+39.63	E = 26.70'
N = 1,146,970.82	L_s = 379.77' (IN)
E = 942,946.64	θ_s = 06° 36' 22" RT. (IN)
	L_s = 374.42' (OUT)
C.S. STA. NB 356+30.11	θ_s = 06° 33' 04" RT. (OUT)
N = 1,146,743.46	
E = 943,137.52	

CURVE NO. HR-3

P.C. STA. HR 11+06.25	
N = 1,146,673.46	
E = 943,245.79	
H.P.I. STA. HR 11+69.42	
N = 1,146,619.03	
E = 943,277.86	
P.T. STA. HR 12+32.56	
N = 1,146,566.45	
E = 943,312.87	
Δ = 03° 08' 47" LT.	
D = 02° 29' 28"	
R = 2300.00'	
T = 63.17'	
L = 126.31'	
E = 0.87'	

0 20 40 60 FT
1" = 40'

AFFIX SEAL: ON: 6/21/2024	ALTERED BY: ON:

STATE OF NEW YORK · PAUL JOSEPH PRESUTTI · 075463 · LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

GENERAL PLAN

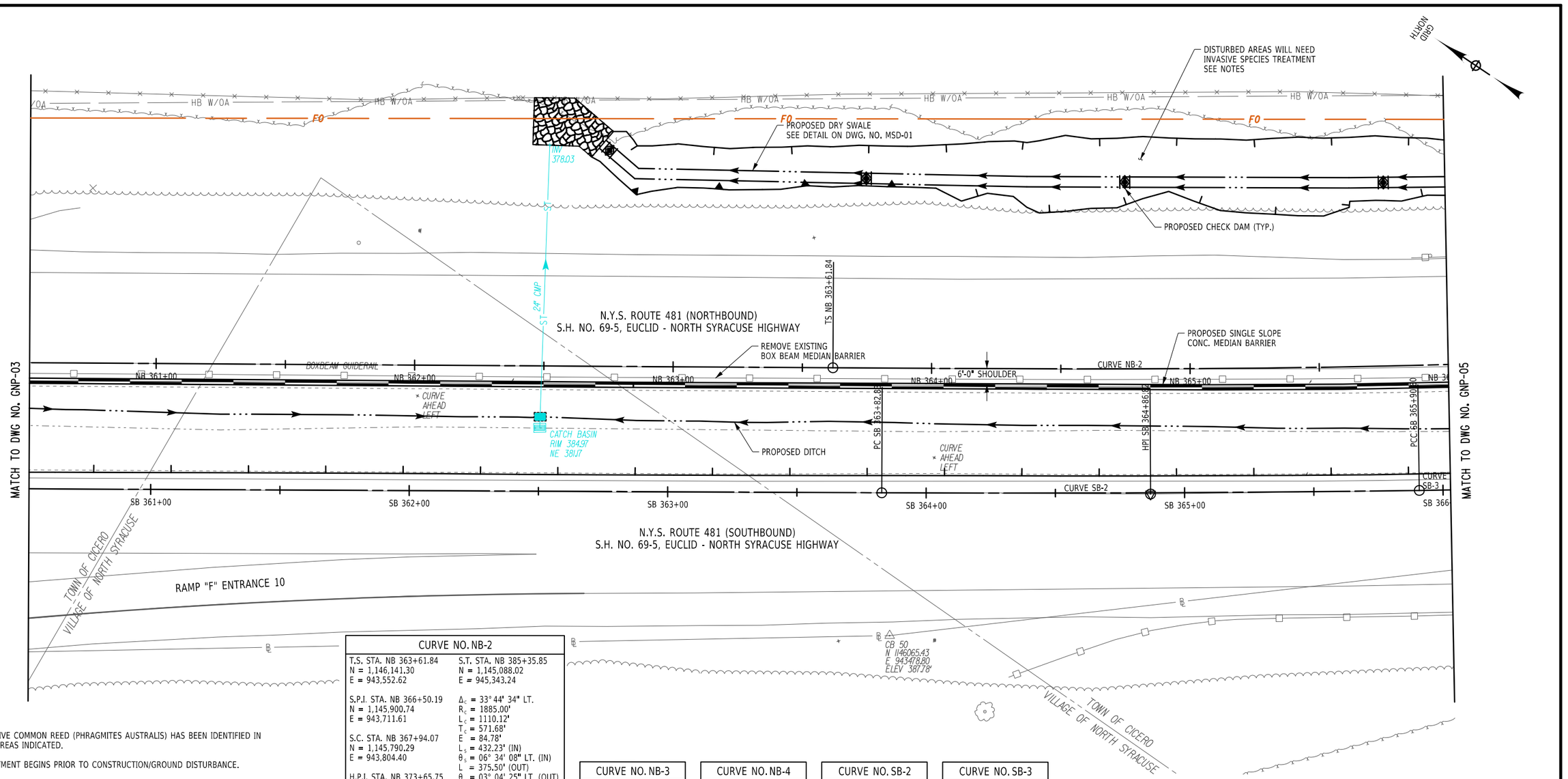
CONTRACT NUMBER D265304

DRAWING NO. GNP-03
SHEET NO. 42

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
DESIGN A. BLACKMON
CHECK S. BEAMAN
DRAFTING W. MCCORMICK
PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph-GNP-01 thru GNP-xx.dgn
DATE/TIME = 13-JUN-2024 11:55
USER =



NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) HAS BEEN IDENTIFIED IN THE AREAS INDICATED.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

CURVE NO. NB-2	
T.S. STA. NB 363+61.84	S.T. STA. NB 385+35.85
N = 1,146,141.30	N = 1,145,088.02
E = 943,552.62	E = 945,343.24
S.P.I. STA. NB 366+50.19	Δ_c = 33° 44' 34" LT.
N = 1,145,900.74	R_c = 1885.00'
E = 943,711.61	L_c = 1110.12'
	T_c = 571.68'
S.C. STA. NB 367+94.07	E = 84.78'
N = 1,145,790.29	L_s = 432.23' (IN)
E = 943,804.40	θ_s = 06° 34' 08" LT. (IN)
	L'_s = 375.50' (OUT)
H.P.I. STA. NB 373+65.75	θ = 03° 04' 25" LT. (OUT)
N = 1,145,352.56	
E = 944,172.11	
P.C.C. STA. NB 379+04.19 (CURVE NO. NB-3)	
N = 1,145,192.83	
E = 944,721.03	
P.C.C. STA. NB 380+09.23 (CURVE NO. NB-4)	
N = 1,145,167.03	
E = 944,822.83	
C.S. STA. NB 381+60.35	
N = 1,145,138.26	
E = 944,971.17	
S.P.I. STA. NB 382+85.55	
N = 1,145,117.08	
E = 945,094.57	

CURVE NO. NB-3
P.C.C. STA. NB 379+04.19
N = 1,145,192.83
E = 944,721.03
H.P.I. STA. NB 379+56.73
N = 1,145,178.14
E = 944,771.47
P.C.C. STA. NB 380+09.23
N = 1,145,167.03
E = 944,822.83
Δ = 04° 00' 44" LT.
D = 03° 49' 11"
R = 1500.00'
T = 52.54'
L = 105.04'
E = 0.92'

CURVE NO. NB-4
P.C.C. STA. NB 380+09.23
N = 1,145,167.03
E = 944,822.83
H.P.I. STA. NB 380+84.80
N = 1,145,151.04
E = 944,896.69
P.C.C. STA. NB 381+60.35
N = 1,145,138.26
E = 944,971.17
Δ = 02° 28' 26" LT.
D = 01° 38' 13"
R = 3500.00'
T = 75.57'
L = 151.12'
E = 0.82'

CURVE NO. SB-2
P.C. STA. SB 363+82.83
N = 1,146,098.70
E = 943,522.98
H.P.I. STA. SB 364+86.82
N = 1,146,012.04
E = 943,580.46
P.C.C. STA. SB 365+90.80
N = 1,145,926.44
E = 943,639.50
Δ = 01° 02' 10" LT.
D = 00° 29' 54"
R = 11500.00'
T = 103.99'
L = 207.97'
E = 0.47'

CURVE NO. SB-3
P.C.C. STA. SB 365+90.80
N = 1,145,926.44
E = 943,639.50
H.P.I. STA. SB 367+09.36
N = 1,145,828.84
E = 943,706.81
P.C.C. STA. SB 368+27.69
N = 1,145,738.86
E = 943,784.01
Δ = 06° 01' 57" LT.
D = 02° 32' 47"
R = 2250.00'
T = 118.55'
L = 236.89'
E = 3.12'

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 6/21/2024

PAUL JOSEPH PRESUTTI
LICENSED PROFESSIONAL ENGINEER
075463
STATE OF NEW YORK

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

GENERAL PLAN

CONTRACT NUMBER D265304

DRAWING NO. GNP-04

SHEET NO. 43

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
DESIGN P. PRESUTTI
CHECK A. BLACKMON
PROJECT MANAGER S. BEAMAN
DRAFTING W. MCCORMICK
CHECK P. PRESUTTI

FILE NAME = 1969605_cph-GNP-01 thru GNP-xx.dgn
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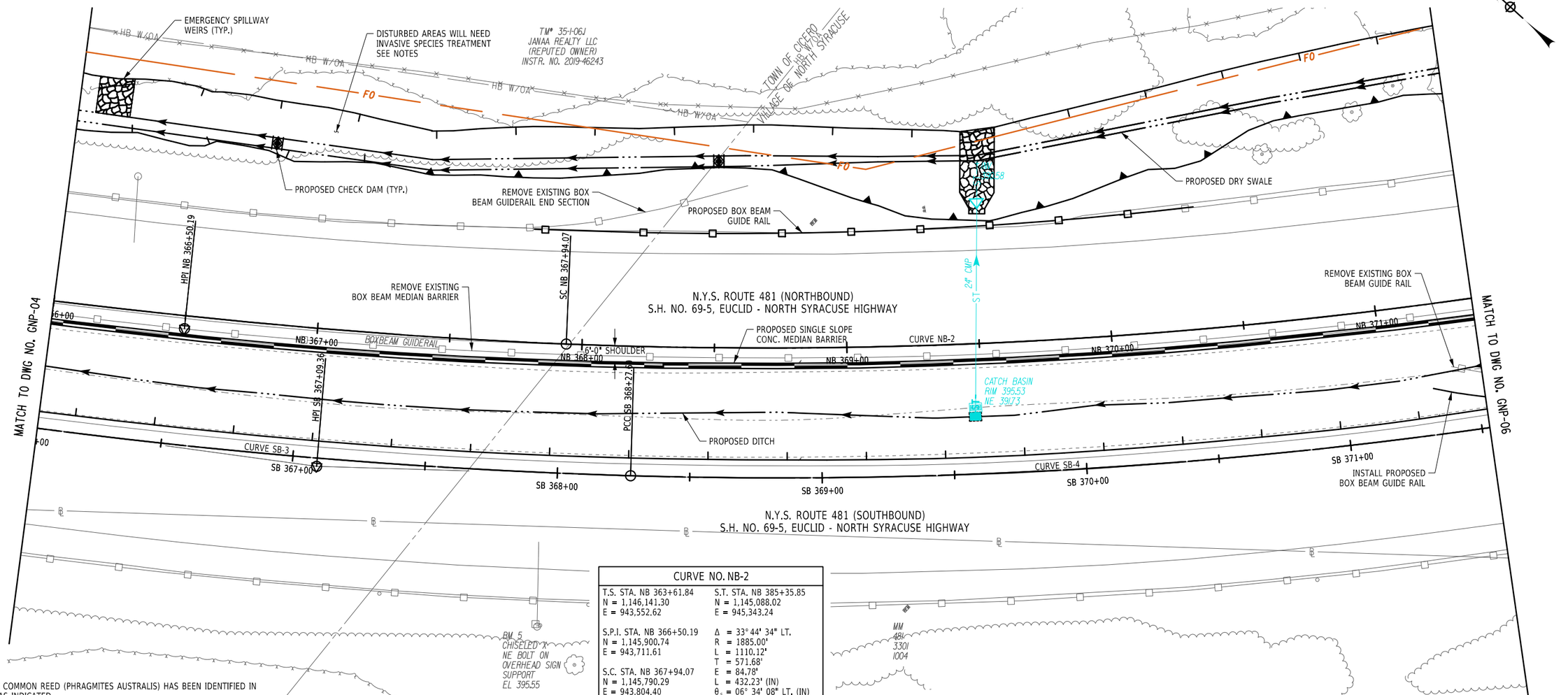

NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) HAS BEEN IDENTIFIED IN THE AREAS INDICATED.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

CURVE NO. NB-2

T.S. STA. NB 363+61.84	S.T. STA. NB 385+35.85
N = 1,146,141.30	N = 1,145,088.02
E = 943,552.62	E = 945,343.24
S.P.I. STA. NB 366+50.19	Δ = 33° 44' 34" LT.
N = 1,145,900.74	R = 1885.00'
E = 943,711.61	L = 1110.12'
	T = 571.68'
S.C. STA. NB 367+94.07	E = 84.78'
N = 1,145,790.29	L = 432.23' (IN)
E = 943,804.40	θ_s = 06° 34' 08" LT. (IN)
	L = 375.50' (OUT)
H.P.I. STA. NB 373+65.75	θ = 03° 04' 25" LT. (OUT)
N = 1,145,352.56	
E = 944,172.11	
P.C.C. STA. NB 379+04.19 (CURVE NO. NB-3)	
N = 1,145,192.83	
E = 944,721.03	
P.C.C. STA. NB 380+09.23 (CURVE NO. NB-4)	
N = 1,145,167.03	
E = 944,822.83	
C.S. STA. NB 381+60.35	
N = 1,145,138.26	
E = 944,971.17	
S.P.I. STA. NB 382+85.55	
N = 1,145,117.08	
E = 945,094.57	

CURVE NO. NB-3

P.C.C. STA. NB 379+04.19
N = 1,145,192.83
E = 944,721.03
H.P.I. STA. NB 379+56.73
N = 1,145,178.14
E = 944,771.47
P.C.C. STA. NB 380+09.23
N = 1,145,167.03
E = 944,822.83
Δ = 04° 00' 44" LT.
D = 03° 49' 11"
R = 1500.00'
T = 52.54'
L = 105.04'
E = 0.92'

CURVE NO. NB-4

P.C.C. STA. NB 380+09.23
N = 1,145,167.03
E = 944,822.83
H.P.I. STA. NB 380+84.80
N = 1,145,151.04
E = 944,896.69
P.C.C. STA. NB 381+60.35
N = 1,145,138.26
E = 944,971.17
Δ = 02° 28' 26" LT.
D = 01° 38' 13"
R = 3500.00'
T = 75.57'
L = 151.12'
E = 0.82'

CURVE NO. SB-3

P.C.C. STA. SB 365+90.80
N = 1,145,926.44
E = 943,639.50
H.P.I. STA. SB 367+09.36
N = 1,145,828.84
E = 943,706.81
P.C.C. STA. SB 368+27.69
N = 1,145,738.86
E = 943,784.01
Δ = 06° 01' 57" LT.
D = 02° 32' 47"
R = 2250.00'
T = 118.55'
L = 236.89'
E = 3.12'

CURVE NO. SB-4

P.C.C. STA. SB 368+27.69
N = 1,145,738.86
E = 943,784.01
H.P.I. STA. SB 373+63.97
N = 1,145,331.84
E = 944,133.19
P.C.C. STA. SB 378+72.92
N = 1,145,168.16
E = 944,643.88
Δ = 31° 36' 09" LT.
D = 03° 01' 25"
R = 1895.00'
T = 536.28'
L = 1045.23'
E = 74.42'

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 6/21/2024

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
075463
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

GENERAL PLAN

CONTRACT NUMBER
D265304

DRAWING NO. GNP-05
SHEET NO. 44

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
DESIGN A. BLACKMON
CHECK S. BEAMAN
DRAFTING W. MCCORMICK
CHECK A. BLACKMON
PROJECT MANAGER P. PRESUTTI

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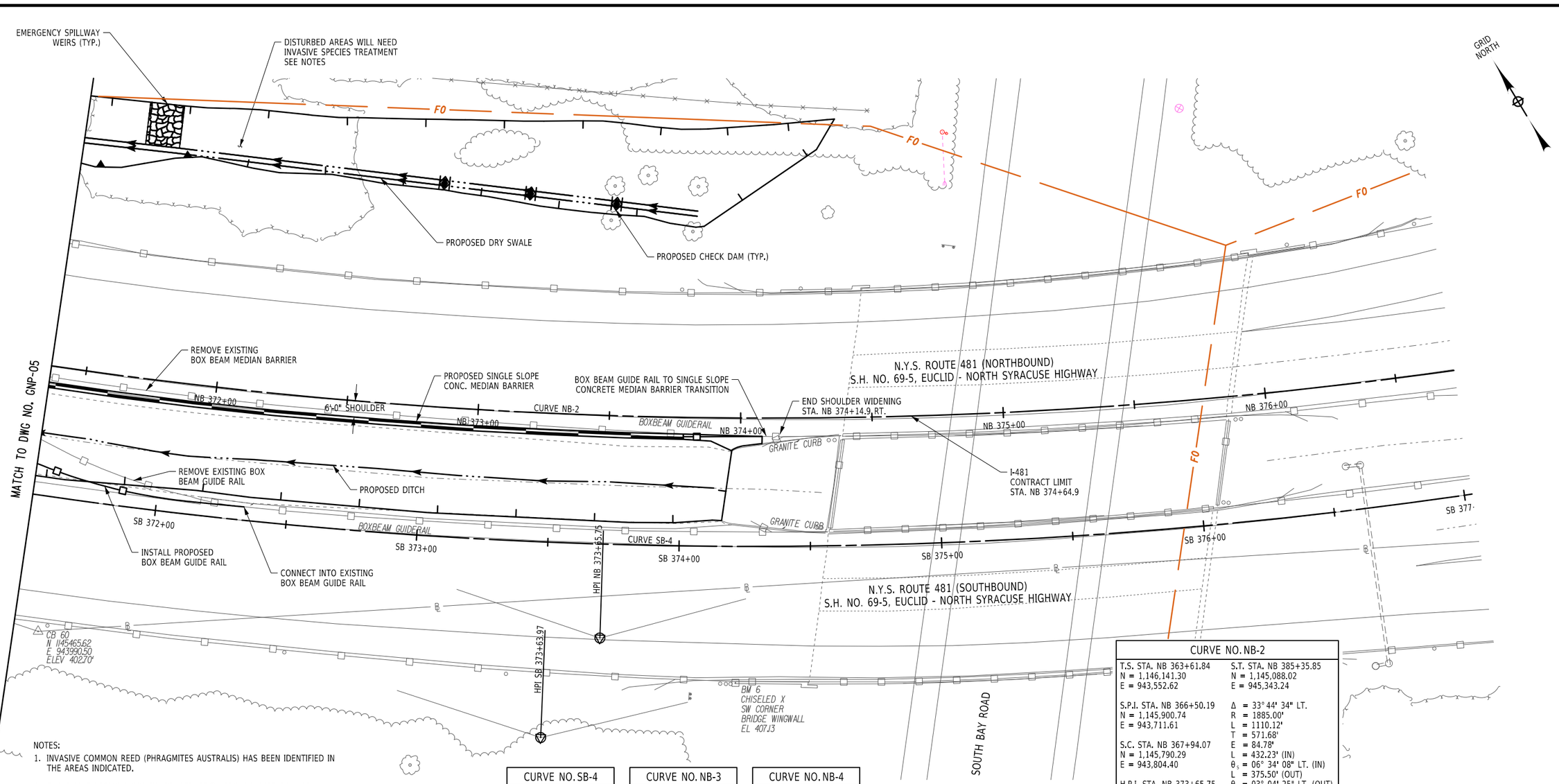

NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) HAS BEEN IDENTIFIED IN THE AREAS INDICATED.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

CURVE NO. SB-4
P.C.C. STA. SB 368+27.69 N = 1,145,738.86 E = 943,784.01
H.P.I. STA. SB 373+63.97 N = 1,145,331.84 E = 944,133.19
P.C.C. STA. SB 378+72.92 N = 1,145,168.16 E = 944,643.88
Δ = 31° 36' 09" LT. D = 03° 01' 25" R = 1895.00' T = 536.28' L = 1045.23' E = 74.42'

CURVE NO. NB-3
P.C.C. STA. NB 379+04.19 N = 1,145,192.83 E = 944,721.03
H.P.I. STA. NB 379+56.73 N = 1,145,178.14 E = 944,771.47
P.C.C. STA. NB 380+09.23 N = 1,145,167.03 E = 944,822.83
Δ = 04° 00' 44" LT. D = 03° 49' 11" R = 1500.00' T = 52.54' L = 105.04' E = 0.92'

CURVE NO. NB-4
P.C.C. STA. NB 380+09.23 N = 1,145,167.03 E = 944,822.83
H.P.I. STA. NB 380+84.80 N = 1,145,151.04 E = 944,896.69
P.C.C. STA. NB 381+60.35 N = 1,145,138.26 E = 944,971.17
Δ = 02° 28' 26" LT. D = 01° 38' 13" R = 3500.00' T = 75.57' L = 151.12' E = 0.82'

CURVE NO. NB-2	
T.S. STA. NB 363+61.84 N = 1,146,141.30 E = 943,552.62	S.T. STA. NB 385+35.85 N = 1,145,088.02 E = 945,343.24
S.P.I. STA. NB 366+50.19 N = 1,145,900.74 E = 943,711.61	Δ = 33° 44' 34" LT. R = 1885.00' L = 1110.12' T = 571.68'
S.C. STA. NB 367+94.07 N = 1,145,790.29 E = 943,804.40	E = 84.78' L = 432.23' (IN) θ_s = 06° 34' 08" LT. (IN) L = 375.50' (OUT)
H.P.I. STA. NB 373+65.75 N = 1,145,352.56 E = 944,172.11	θ = 03° 04' 25" LT. (OUT)
P.C.C. STA. NB 379+04.19 (CURVE NO. NB-3) N = 1,145,192.83 E = 944,721.03	
P.C.C. STA. NB 380+09.23 (CURVE NO. NB-4) N = 1,145,167.03 E = 944,822.83	
C.S. STA. NB 381+60.35 N = 1,145,138.26 E = 944,971.17	
S.P.I. STA. NB 382+85.55 N = 1,145,117.08 E = 945,094.57	

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 6/21/2024

STATE OF NEW YORK · PAUL JOSEPH PRESUTTI · LICENSED · 075463 · PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

GENERAL PLAN

CONTRACT NUMBER
D265304

DRAWING NO. GNP-06
SHEET NO. 45

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
DESIGN A. BLACKMON
CHECK W. MCCORMICK
DRAFTING S. BEAMAN
CHECK A. BLACKMON
PROJECT MANAGER P. PRESUTTI

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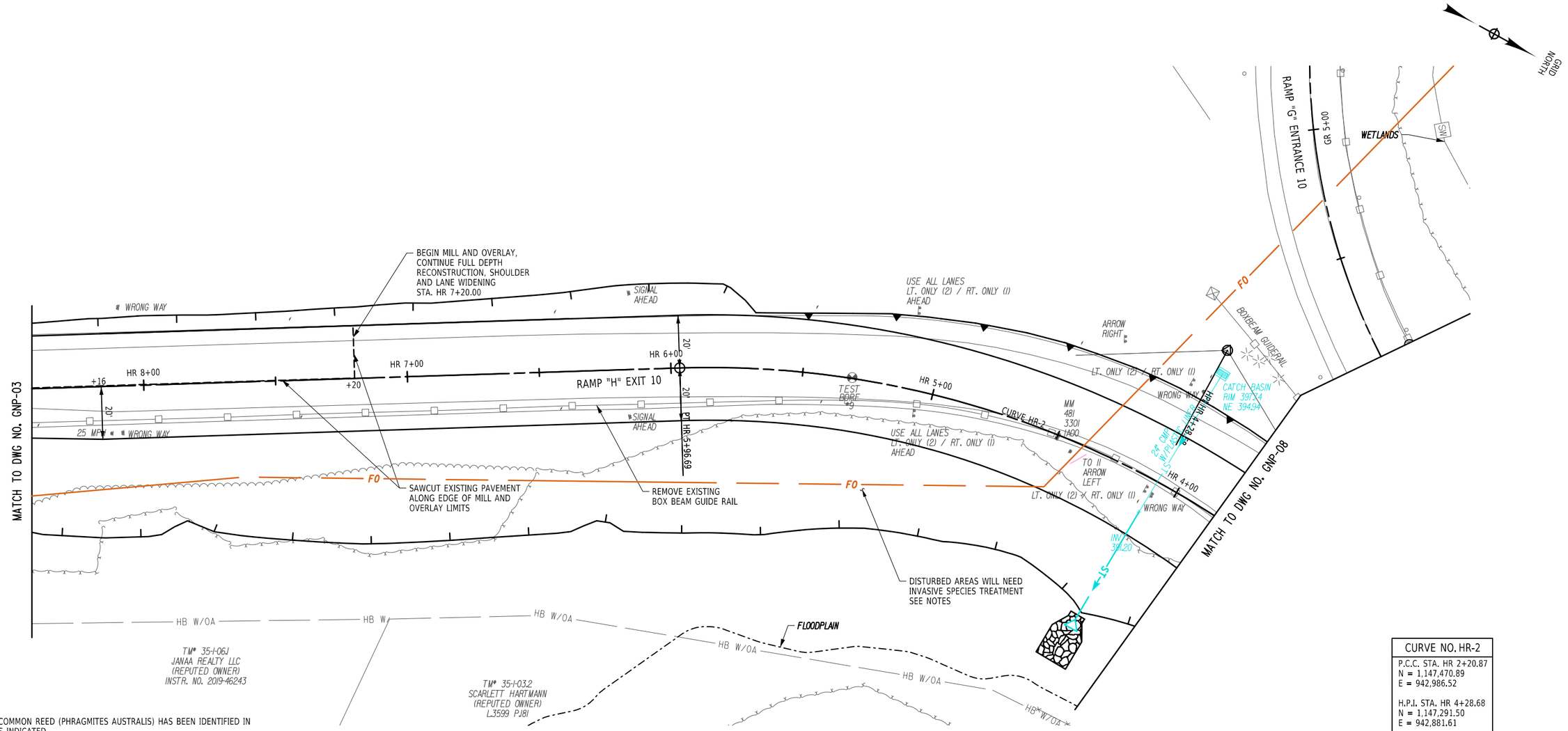

NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) HAS BEEN IDENTIFIED IN THE AREAS INDICATED.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

CURVE NO. HR-2
P.C.C. STA. HR 2+20.87 N = 1,147,470.89 E = 942,986.52
H.P.I. STA. HR 4+28.68 N = 1,147,291.50 E = 942,881.61
P.C.C. STA. HR 5+96.69 N = 1,147,112.47 E = 942,987.11
Δ = 60° 49' 42" LT. D = 16° 11' 07" R = 354.00' T = 207.81' L = 375.83' E = 56.49'

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 6/21/2024

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
LICENSED PROFESSIONAL ENGINEER
075463

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

GENERAL PLAN

CONTRACT NUMBER D265304

DRAWING NO. GNP-07
SHEET NO. 46

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
DESIGN A. BLACKMON
DRAFTING S. BEAMAN
CHECK W. MCCORMICK
PROJECT MANAGER P. PRESUTTI
CHECK A. BLACKMON

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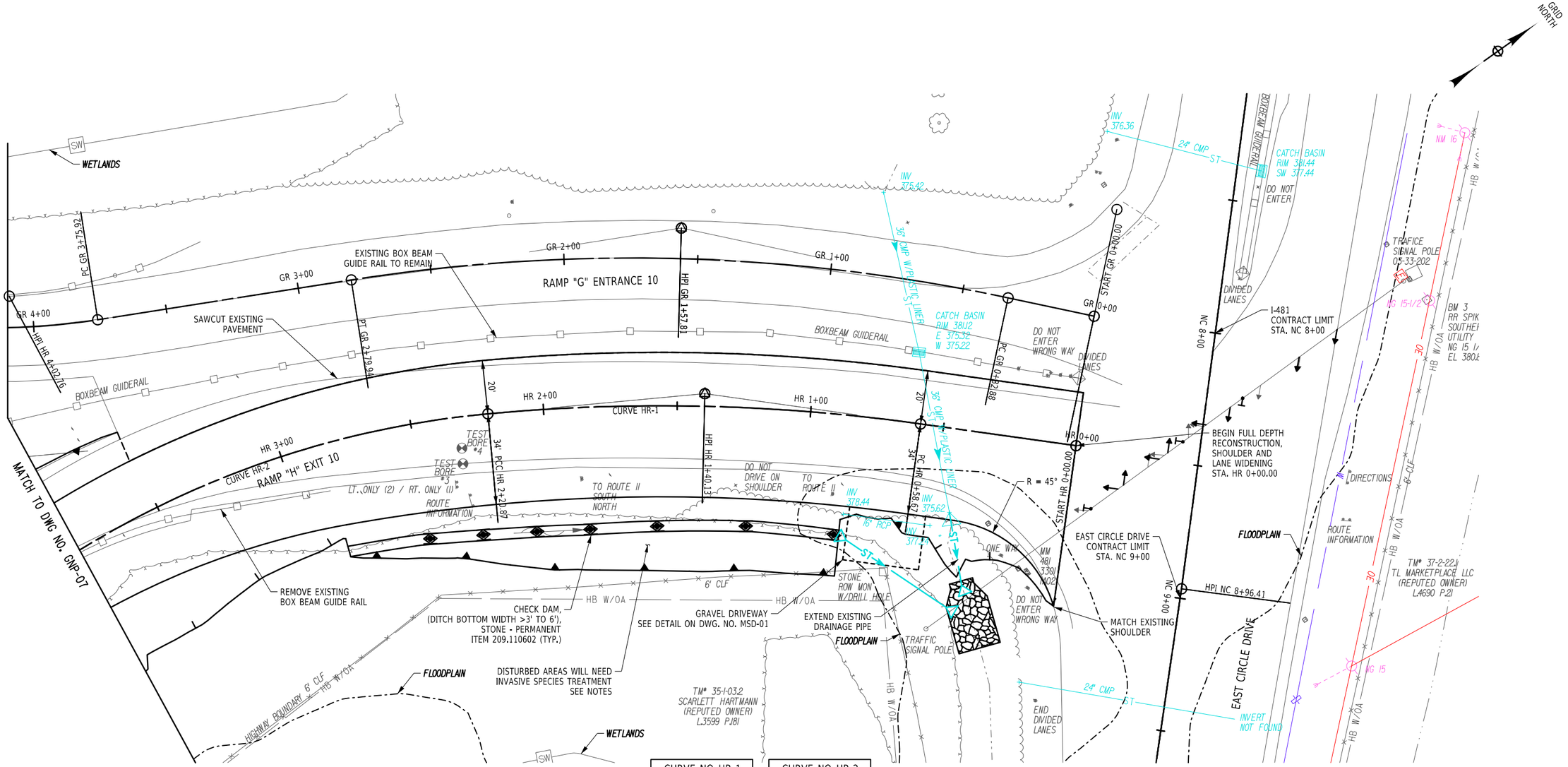


CURVE NO. HR-1	CURVE NO. HR-2
P.C. STA. HR 0+58.67 N = 1,147,600.21 E = 943,083.82 H.P.I. STA. HR 1+40.13 N = 1,147,541.21 E = 943,027.65 P.C.C. STA. HR 2+20.87 N = 1,147,470.89 E = 942,986.52 Δ = 13° 16' 34" LT. D = 08° 11' 06" R = 700.00' T = 81.47' L = 162.20' E = 4.72'	P.C.C. STA. HR 2+20.87 N = 1,147,470.89 E = 942,986.52 H.P.I. STA. HR 4+28.68 N = 1,147,291.50 E = 942,881.61 P.C.C. STA. HR 5+96.69 N = 1,147,112.47 E = 942,987.11 Δ = 60° 49' 42" LT. D = 16° 11' 07" R = 354.00' T = 207.81' L = 375.83' E = 56.49'

NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) HAS BEEN IDENTIFIED IN THE AREAS INDICATED.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

0 20 40 60 FT
1" = 40'

DESIGN SUPERVISOR: P. PRESUTTI
JOB MANAGER: P. PRESUTTI
CHECK: A. BLACKMON
DESIGN: P. PRESUTTI
CHECK: A. BLACKMON
DRAFTING: S. BEAMAN
CHECK: W. MCCORMICK
PROJECT MANAGER: A. BLACKMON
P. PRESUTTI

FILE NAME = 1969605_cph-GNP-01 thru GNP-xx.dgn
DATE/TIME = 13-JUN-2024 11:56
USER =

AFFIX SEAL:
ON: 6/21/2024

STATE OF NEW YORK · PAUL JOSEPH PRESUTTI · 075463 · LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

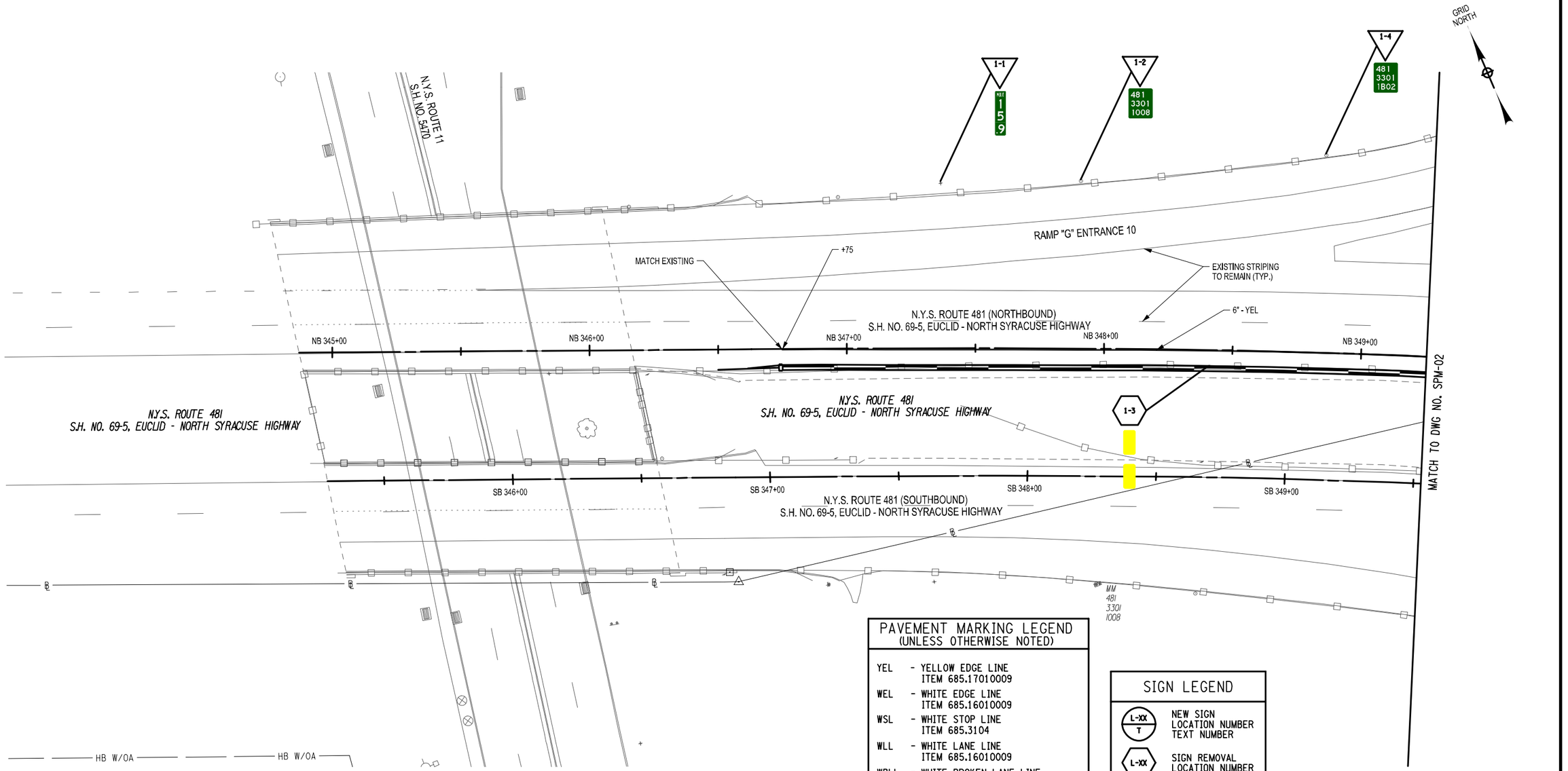
ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D265304

GENERAL PLAN

DRAWING NO. GNP-08
SHEET NO. 47

NEW YORK STATE OF OPPORTUNITY. Department of Transportation



PAVEMENT MARKING LEGEND
(UNLESS OTHERWISE NOTED)

YEL	-	YELLOW EDGE LINE ITEM 685.17010009
WEL	-	WHITE EDGE LINE ITEM 685.16010009
WSL	-	WHITE STOP LINE ITEM 685.3104
WLL	-	WHITE LANE LINE ITEM 685.16010009
WBLL	-	WHITE BROKEN LANE LINE ITEM 685.16010009
WDEL	-	WHITE DOTTED EXTENSION LINE ITEM 685.16010009
WWLL	-	WHITE WIDE CHANNELIZING SOLID LANE LINE - ITEM 685.16010009
WWCH	-	WHITE WIDE CHEVRON HATCH LINE - ITEM 685.16010009
WPL	-	WHITE PAVEMENT LETTERS ITEM 685.3304
WPS	-	WHITE PAVEMENT SYMBOLS ITEM 685.3404

SIGN LEGEND

- L-XX / T — NEW SIGN LOCATION NUMBER / TEXT NUMBER
- L-XX — SIGN REMOVAL LOCATION NUMBER
- L-XX / T — SIGN RELOCATION LOCATION NUMBER / TEXT NUMBER
- L-XX — SIGN TO REMAIN
- EXISTING SIGN
- PROPOSED SIGN

0 20 40 60 FT
1" = 40'

AFFIX SEAL: ON: 06/11/2024	ALTERED BY: ON:

STATE OF NEW YORK
JONATHAN W. OTTMANN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SIGN AND PAVEMENT MARKING PLAN

CONTRACT NUMBER D265304

DRAWING NO. SPM-01
SHEET NO. 48

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMANN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | PROJECT MANAGER J. OTTMAN | CHECK J. MESSENGER

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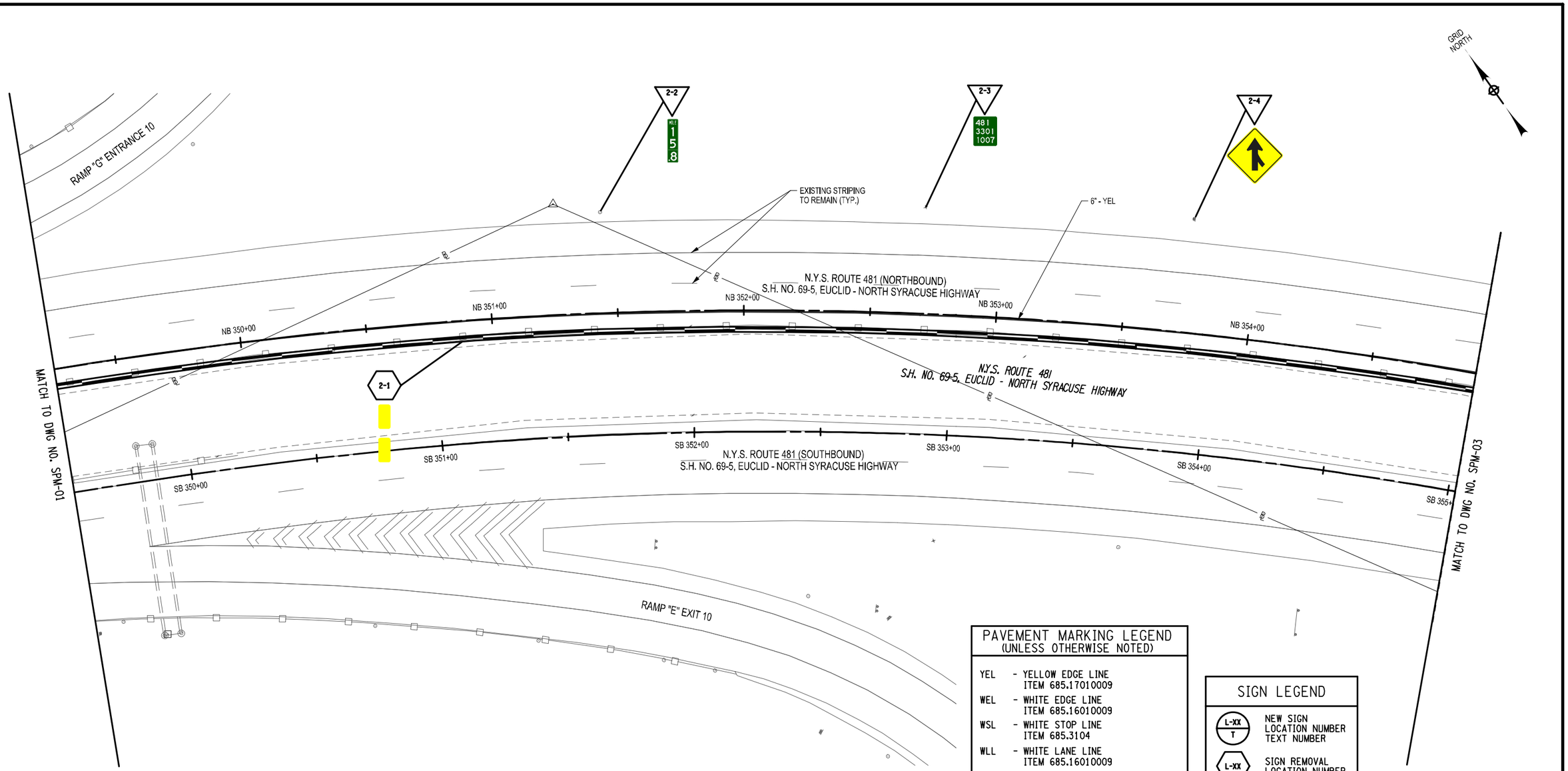

PAVEMENT MARKING LEGEND
(UNLESS OTHERWISE NOTED)

YEL	- YELLOW EDGE LINE ITEM 685.17010009
WEL	- WHITE EDGE LINE ITEM 685.16010009
WSL	- WHITE STOP LINE ITEM 685.3104
WLL	- WHITE LANE LINE ITEM 685.16010009
WBLL	- WHITE BROKEN LANE LINE ITEM 685.16010009
WDEL	- WHITE DOTTED EXTENSION LINE ITEM 685.16010009
WWLL	- WHITE WIDE CHANNELIZING SOLID LANE LINE - ITEM 685.16010009
WWCH	- WHITE WIDE CHEVRON HATCH LINE - ITEM 685.16010009
WPL	- WHITE PAVEMENT LETTERS ITEM 685.3304
WPS	- WHITE PAVEMENT SYMBOLS ITEM 685.3404

SIGN LEGEND

- L-XX / T — NEW SIGN LOCATION NUMBER TEXT NUMBER
- L-XX — SIGN REMOVAL LOCATION NUMBER
- L-XX / T — SIGN RELOCATION LOCATION NUMBER TEXT NUMBER
- L-XX — SIGN TO REMAIN
- EXISTING SIGN
- PROPOSED SIGN

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 06/11/2024

STATE OF NEW YORK
JONATHAN W TMAN
075865
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SIGN AND PAVEMENT MARKING PLAN

CONTRACT NUMBER D265304

DRAWING NO. SPM-02

SHEET NO. 49

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | PROJECT MANAGER J. OTTMAN | CHECK J. MESSENGER

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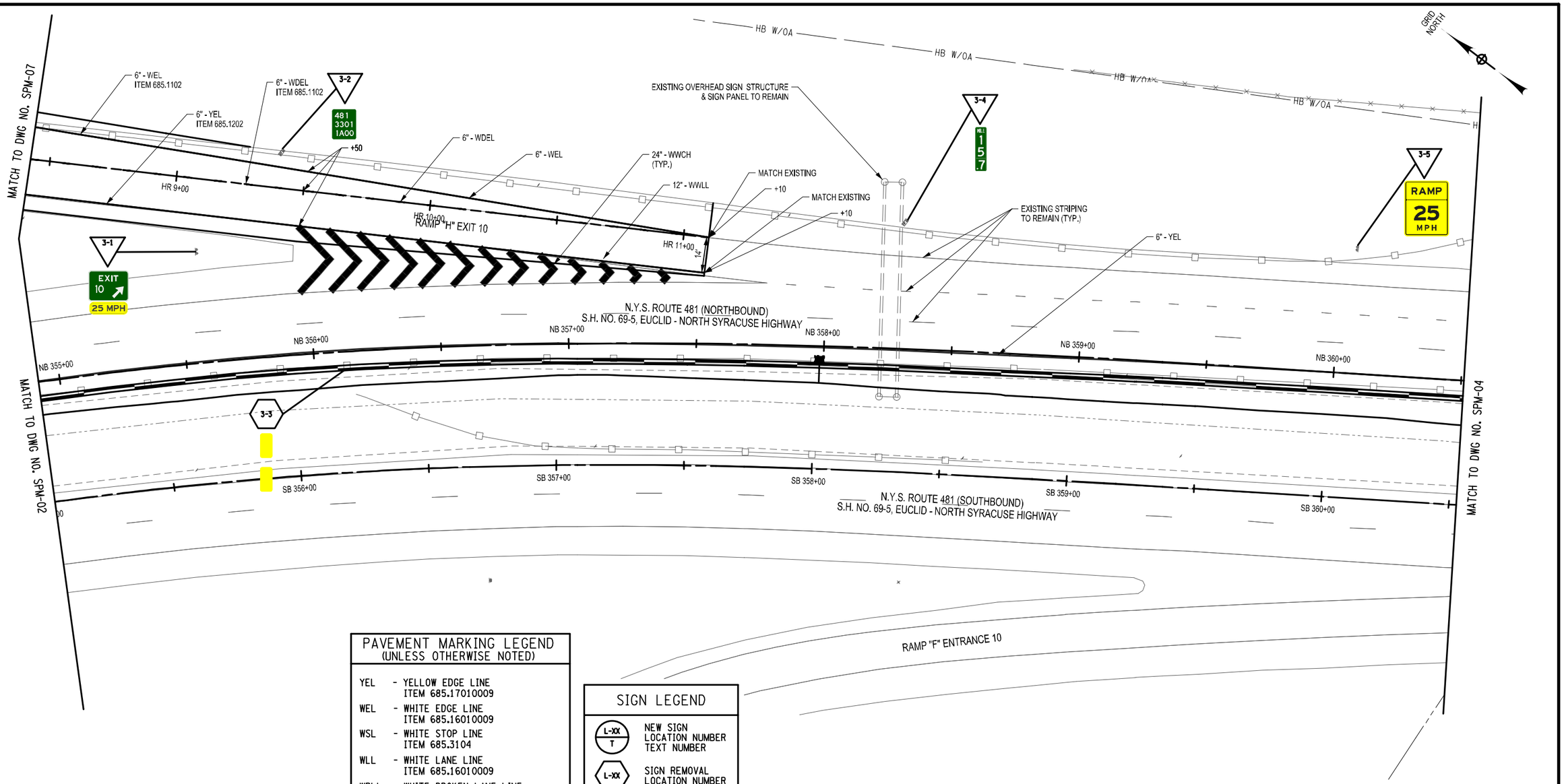

PAVEMENT MARKING LEGEND
(UNLESS OTHERWISE NOTED)

YEL	- YELLOW EDGE LINE ITEM 685.17010009
WEL	- WHITE EDGE LINE ITEM 685.16010009
WSL	- WHITE STOP LINE ITEM 685.3104
WLL	- WHITE LANE LINE ITEM 685.16010009
WBLL	- WHITE BROKEN LANE LINE ITEM 685.16010009
WDEL	- WHITE DOTTED EXTENSION LINE ITEM 685.16010009
WWLL	- WHITE WIDE CHANNELIZING SOLID LANE LINE - ITEM 685.16010009
WWCH	- WHITE WIDE CHEVRON HATCH LINE - ITEM 685.16010009
WPL	- WHITE PAVEMENT LETTERS ITEM 685.3304
WPS	- WHITE PAVEMENT SYMBOLS ITEM 685.3404

SIGN LEGEND

- L-XX / T — NEW SIGN LOCATION NUMBER TEXT NUMBER
- L-XX — SIGN REMOVAL LOCATION NUMBER
- L-XX / T — SIGN RELOCATION LOCATION NUMBER TEXT NUMBER
- L-XX — SIGN TO REMAIN
- EXISTING SIGN
- PROPOSED SIGN

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SIGN AND PAVEMENT MARKING PLAN

CONTRACT NUMBER D265304

DRAWING NO. SPM-03

SHEET NO. 50

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER

FILE NAME = 3043.69_cph_pmd_Striping and Signs.dgn
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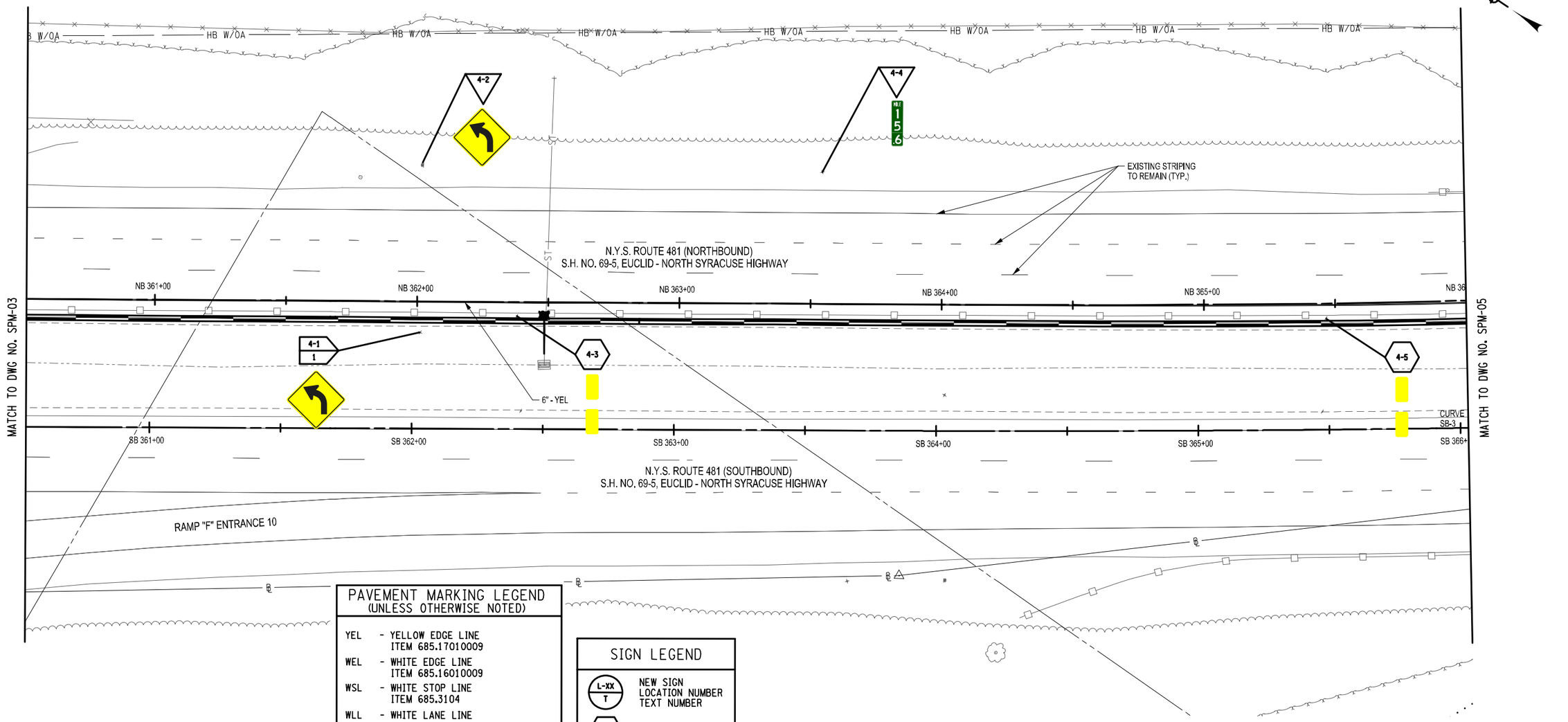

PAVEMENT MARKING LEGEND
(UNLESS OTHERWISE NOTED)

YEL	-	YELLOW EDGE LINE ITEM 685.17010009
WEL	-	WHITE EDGE LINE ITEM 685.16010009
WSL	-	WHITE STOP LINE ITEM 685.3104
WLL	-	WHITE LANE LINE ITEM 685.16010009
WBLL	-	WHITE BROKEN LANE LINE ITEM 685.16010009
WDEL	-	WHITE DOTTED EXTENSION LINE ITEM 685.16010009
WWLL	-	WHITE WIDE CHANNELIZING SOLID LANE LINE - ITEM 685.16010009
WWCH	-	WHITE WIDE CHEVRON HATCH LINE - ITEM 685.16010009
WPL	-	WHITE PAVEMENT LETTERS ITEM 685.3304
WPS	-	WHITE PAVEMENT SYMBOLS ITEM 685.3404

SIGN LEGEND

- L-XX / T — NEW SIGN LOCATION NUMBER TEXT NUMBER
- L-XX — SIGN REMOVAL LOCATION NUMBER
- L-XX / T — SIGN RELOCATION LOCATION NUMBER TEXT NUMBER
- L-XX — SIGN TO REMAIN
- EXISTING SIGN
- PROPOSED SIGN

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W TTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SIGN AND PAVEMENT MARKING PLAN

CONTRACT NUMBER D265304

DRAWING NO. SPM-04

SHEET NO. 51

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
PROJECT MANAGER J. OTTMAN
J. MESSENGER

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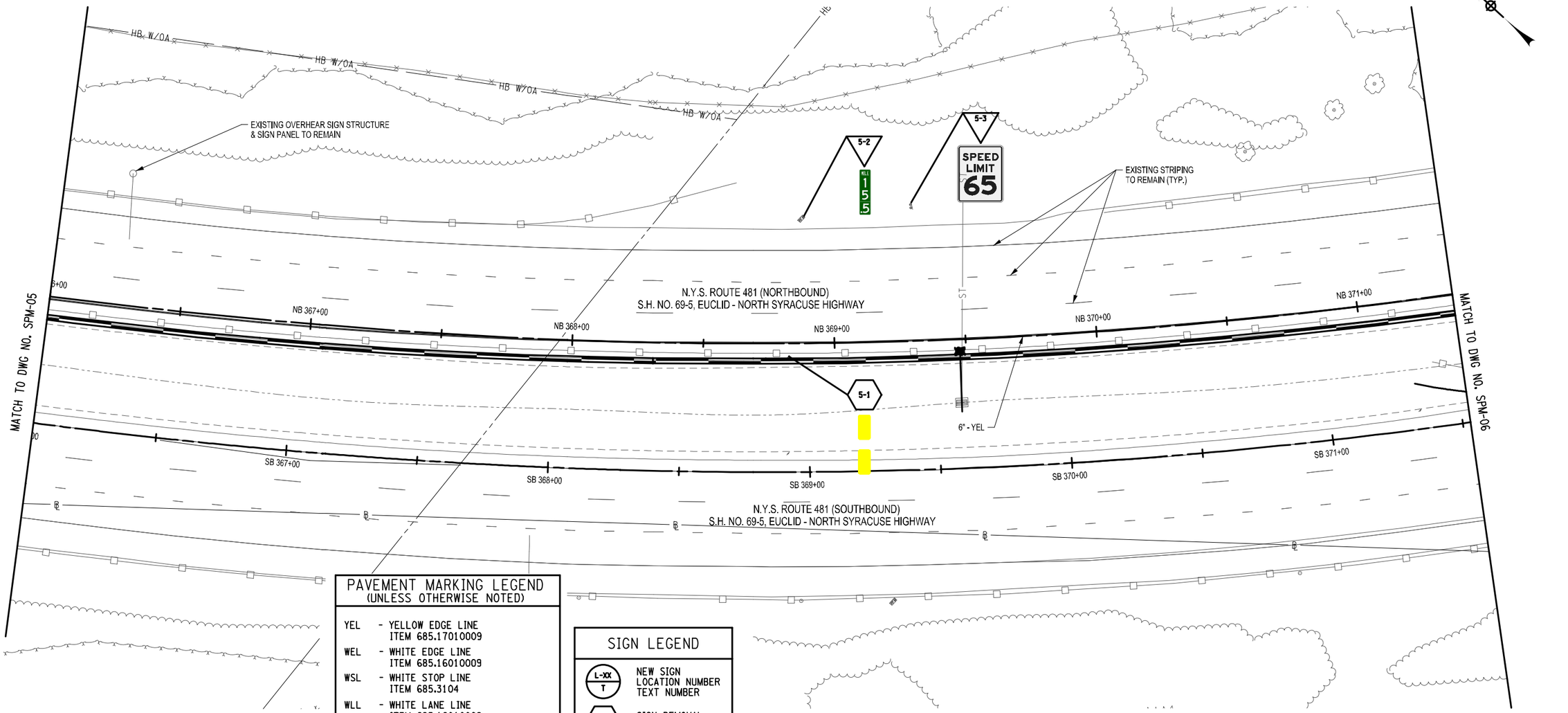

PAVEMENT MARKING LEGEND
(UNLESS OTHERWISE NOTED)

YEL	- YELLOW EDGE LINE ITEM 685.17010009
WEL	- WHITE EDGE LINE ITEM 685.16010009
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WWLL	- WHITE WIDE CHANNELIZING SOLID LANE LINE - ITEM 685.16010009
WWCH	- WHITE WIDE CHEVRON HATCH LINE - ITEM 685.16010009
WPL	- WHITE PAVEMENT LETTERS ITEM 685.3304
WPS	- WHITE PAVEMENT SYMBOLS ITEM 685.3404

SIGN LEGEND

L-XX / T	NEW SIGN LOCATION NUMBER TEXT NUMBER
L-XX	SIGN REMOVAL LOCATION NUMBER
L-XX / T	SIGN RELOCATION LOCATION NUMBER TEXT NUMBER
L-XX	SIGN TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 06/11/2024

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SIGN AND PAVEMENT MARKING PLAN

CONTRACT NUMBER D265304

DRAWING NO. SPM-05

SHEET NO. 52

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

FILE NAME = 3043.69_rph_pmt_Striping and Signs.dgn
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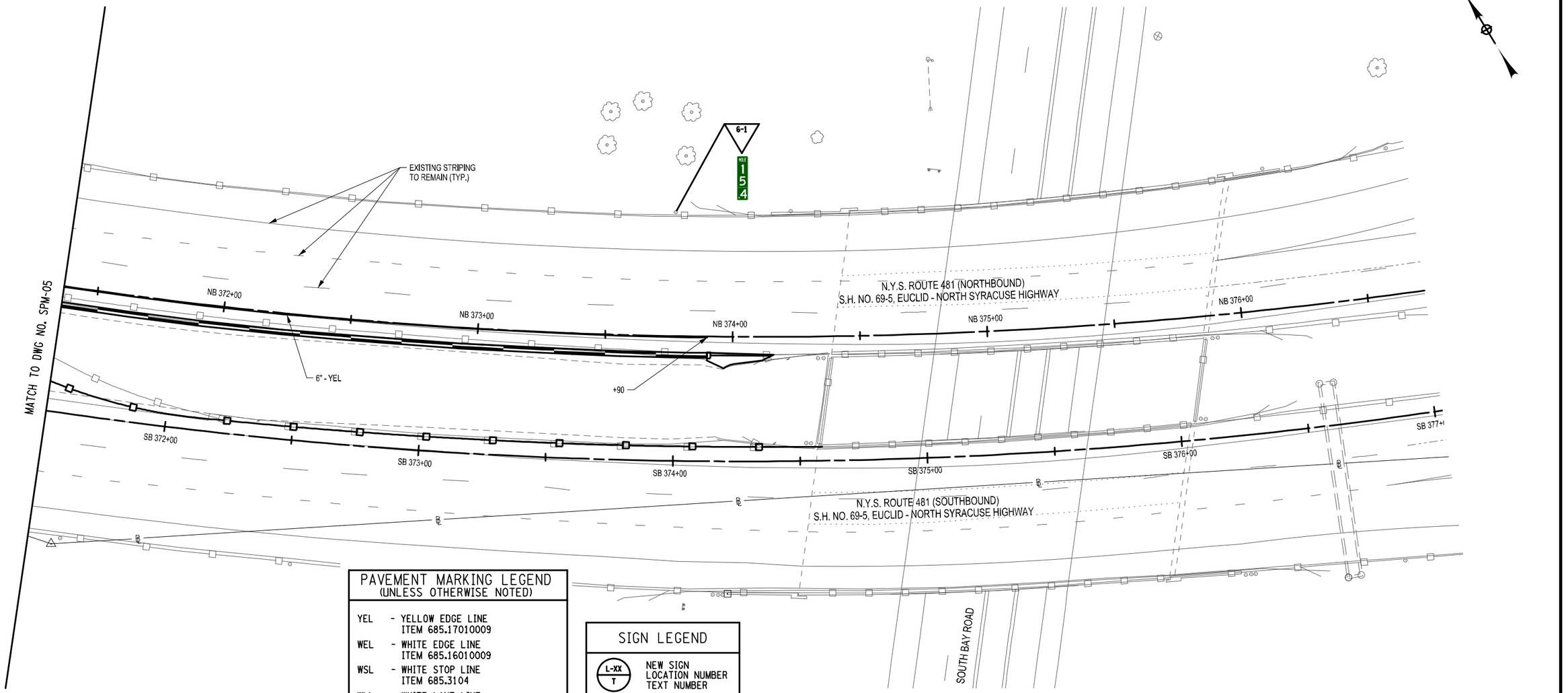

PAVEMENT MARKING LEGEND
(UNLESS OTHERWISE NOTED)

YEL	-	YELLOW EDGE LINE ITEM 685.17010009
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SIGN LEGEND

- L-XX / T — NEW SIGN LOCATION NUMBER / TEXT NUMBER
- L-XX — SIGN REMOVAL LOCATION NUMBER
- L-XX / T — SIGN RELOCATION LOCATION NUMBER / TEXT NUMBER
- L-XX — SIGN TO REMAIN
- EXISTING SIGN
- PROPOSED SIGN

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W GUTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SIGN AND PAVEMENT MARKING PLAN

CONTRACT NUMBER D265304

DRAWING NO. SPM-06

SHEET NO. 53

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN

FILE NAME = 3043.69_cph_pmd_Striping and Signs.dgn
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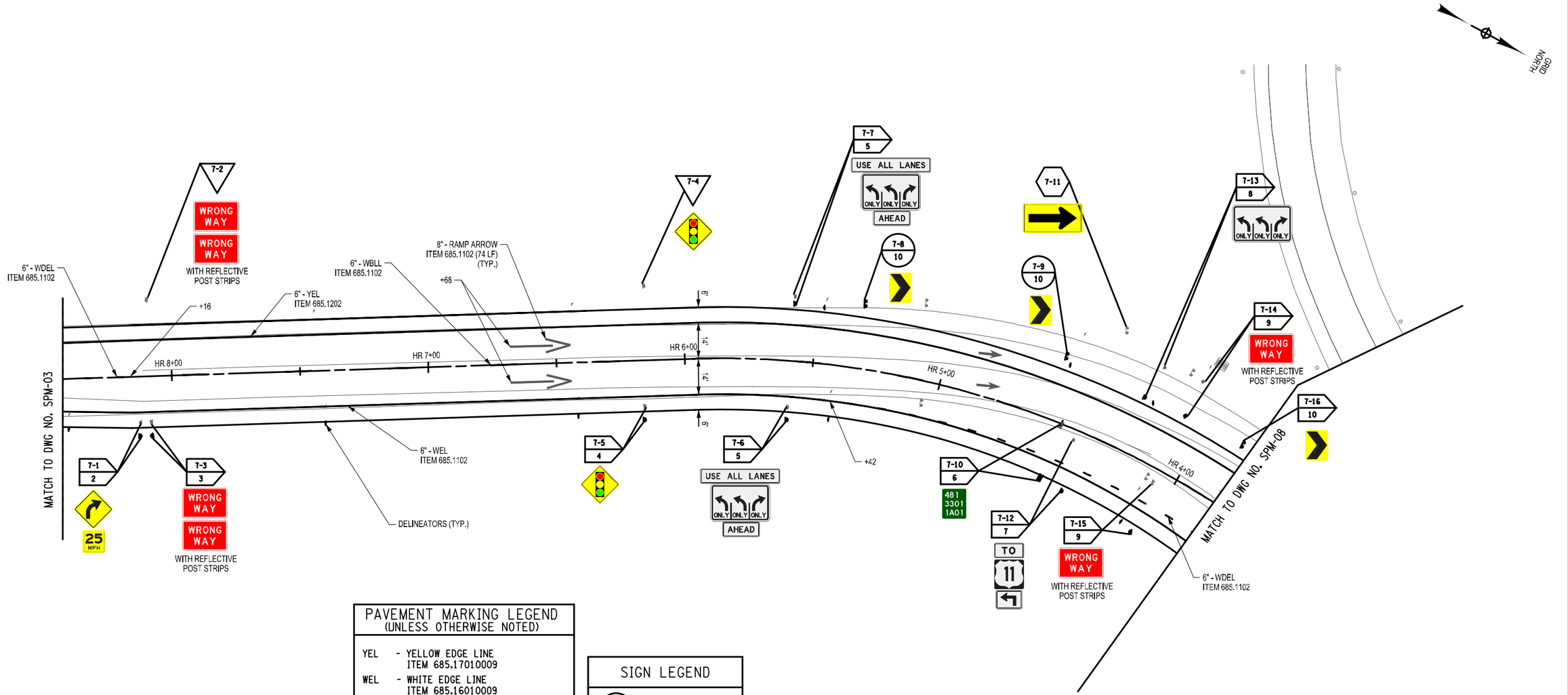

PAVEMENT MARKING LEGEND
(UNLESS OTHERWISE NOTED)

YEL	-	YELLOW EDGE LINE ITEM 685.17010009
WEL	-	WHITE EDGE LINE ITEM 685.16010009
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WWCH	-	WHITE WIDE CHEVRON HATCH LINE - ITEM 685.16010009
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WPS	-	WHITE PAVEMENT SYMBOLS ITEM 685.3404

SIGN LEGEND

- L-XX / T — NEW SIGN LOCATION NUMBER / TEXT NUMBER
- L-XX — SIGN REMOVAL LOCATION NUMBER
- L-XX / T — SIGN RELOCATION LOCATION NUMBER / TEXT NUMBER
- L-XX — SIGN TO REMAIN
- EXISTING SIGN
- PROPOSED SIGN

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W TMANN
LICENSED PROFESSIONAL ENGINEER
075865

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

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ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SIGN AND PAVEMENT MARKING PLAN

CONTRACT NUMBER D265304

DRAWING NO. SPM-07

SHEET NO. 54

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
CHECK J. MESSENGER
PROJECT MANAGER J. OTTMAN

FILE NAME = 3043.69_cph_pmt_Striping and Signs.dgn
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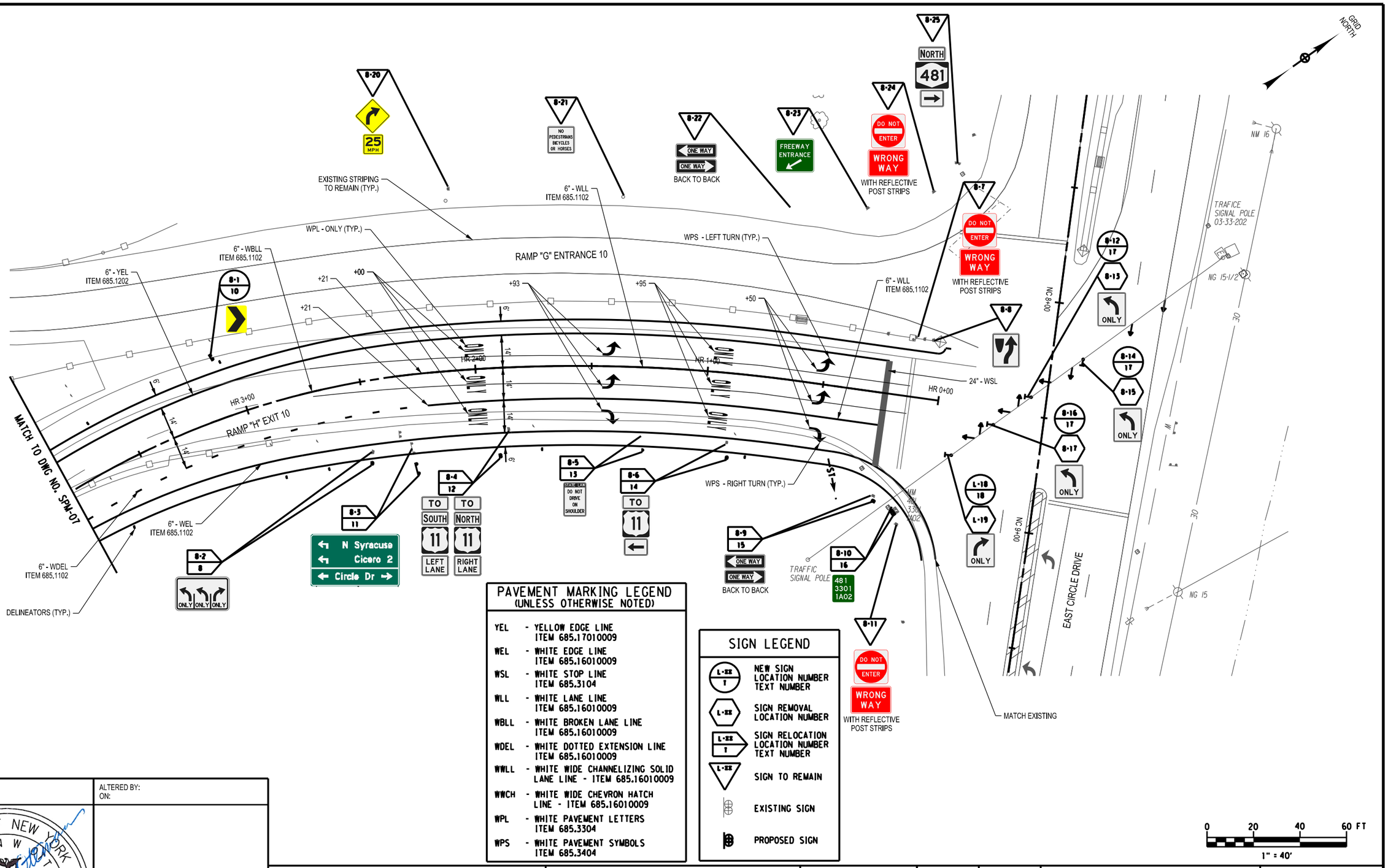

PAVEMENT MARKING LEGEND
(UNLESS OTHERWISE NOTED)

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WWCH	-	WHITE WIDE CHEVRON HATCH LINE - ITEM 685.16010009
WPL	-	WHITE PAVEMENT LETTERS ITEM 685.3304
WPS	-	WHITE PAVEMENT SYMBOLS ITEM 685.3404

SIGN LEGEND

L-XX / 1	NEW SIGN LOCATION NUMBER TEXT NUMBER
L-XX	SIGN REMOVAL LOCATION NUMBER
L-XX / 1	SIGN RELOCATION LOCATION NUMBER TEXT NUMBER
L-XX	SIGN TO REMAIN
	EXISTING SIGN
	PROPOSED SIGN

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SIGN AND PAVEMENT MARKING PLAN

CONTRACT NUMBER D265304

DRAWING NO. SPM-08
SHEET NO. 55

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER

FILE NAME = DGN$SPEC01234567890123456789012345678901234
DATE/TIME = DGN$SYTTIME01123456
USER = DGN$USERNAME

NEW SIGNS AND EXISTING SIGNS TO BE RELOCATED

TEXT NUMBER	LOCATION	QUANTITY	BACKGGROUND COLOR	LEGEND TEXT COLOR	LEGEND TEXT	MOUNT TYPE	NEW SIGN ITEMS				REMOVAL AND RELOCATION ITEMS			
							645.81 (EA)	645.8106 (EA)	645.81090003 (EA)	646.31 (EA)	647.31 (EA)	647.32 (EA)	647.61 (EA)	647.62 (EA)
1	4-1	1	YELLOW	BLACK	CURVE LEFT	GR	1				1		1	
2	7-1	1	YELLOW	BLACK	RIGHT CURVE	GR	2				1		1	
			YELLOW	BLACK	ADVISORY SPEED 25 MPH									
3	7-3	1	RED	WHITE	WRONG WAY	GR	2		2		1		1	
			RED	WHITE	WRONG WAY									
4	7-5	1	YELLOW	RED YELLOW GREEN	SIGNAL AHEAD	GR	2				1		1	
5	7-6, 7-7	2	WHITE	BLACK	USE ALL LANES	GR	4				2		2	
			WHITE	BLACK	LANE DESIGNATIONS									
			WHITE	BLACK	AHEAD									
6	7-10	1	GREEN	WHITE	481 3301 1A01	GR				1	1		1	
7	7-12	1	WHITE	BLACK	TO	GR	2				1		1	
			WHITE	BLACK	US 11 (SHIELD)									
			WHITE	BLACK	LEFT TURN ARROW									
8	7-13, 8-2	2	WHITE	BLACK	LANE DESIGNATIONS	GR	4				2		2	
9	7-14, 7-15	2	RED	WHITE	WRONG WAY	GR	4		4		2		2	
10	7-16, 7-8, 7-9, 8-1	4	YELLOW	BLACK	CHEVRON (RIGHT)	GR	4				4		4	
11	8-3	1	GREEN	WHITE	(LEFT TURN ARROW) N SYRACUSE (LEFT TURN ARROW) CICERO 2 (LEFT ARROW) CIRCLE DR (RIGHT ARROW)	GR		2				1		1
12	8-4	1	WHITE	BLACK	TO	GR	2				1		1	
			WHITE	BLACK	SOUTH									
			WHITE	BLACK	US 11 (SHIELD)									
			WHITE	BLACK	LEFT LANE									
			WHITE	BLACK	TO									
			WHITE	BLACK	NORTH									
			WHITE	BLACK	US 11 (SHIELD)									
			WHITE	BLACK	RIGHT LANE									
13	8-5	1	WHITE	BLACK	STATE LAW DO NOT DRIVE ON SHOULDER	GR	1				1		1	
14	8-6	1	WHITE	BLACK	TO	GR	2				1		1	
			WHITE	BLACK	US 11 (SHIELD)									
			WHITE	BLACK	LEFT ARROW									
15	8-9	1	WHITE	BLACK	ONE WAY ARROW RIGHT	GR, BB	2				1		1	
			WHITE	BLACK	ONE WAY ARROW LEFT									
16	8-10	1	GREEN	WHITE	481 3301 1A02	GR				1	1		1	
					TOTAL		**32**	**2**	**6**	**2**	**21**	**1**	**21**	**1**

ITEM	DESCRIPTION	UNITS
645.81	TYPE A SIGN POSTS	EACH
645.8106	HIGH CAPACITY TYPE A SIGN POSTS WITH SOIL PLATES ONLY	EACH
645.81090003	RETROREFLECTIVE SIGN POST STRIP	EACH
646.31	STEEL POST, 1.1 LB/FT	EACH
647.31	RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER 30SQUARE FEET)	EACH
647.32	RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE II (30 - 100 SQUARE FEET)	EACH
647.61	REMOVE AND DISPOSE SIGNS, GROUND MOUNTED TYPE A SIGN SUPPORTS AND FOUNDATIONS - SIZE I (UNDER 30 SQUARE FEET)	EACH
647.62	REMOVE AND DISPOSE SIGNS, GROUND MOUNTED TYPE A SIGN SUPPORTS AND FOUNDATIONS- SIZE II (30-100 SQUARE FEET)	EACH

MUTCD NO. DESIGNATION & COLOR (SEE NOTE 2)	LOCATION	TEXT	ITEM	SIZE (SEE NOTE 4) SIGN TEXT NUMBER	PAYMENT AREA (SEE NOTE 3) TOTAL PAYMENT AREA
W1-8R	7-8, 7-9, 8-1 (3)		645.5102	30 X 36	7.5 SF
				10	22.5 SF
R3-5L	8-12, 8-14, 8-16 (3)		645.61	30 X 36	7.5 SF
				17	22.5 SF
R3-5R	8-18 (1)		645.61	30 X 36	7.5 SF
				18	7.5 SF

SIGNING NOTES:

1. SIGN LOCATIONS AS SHOWN ON PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL INSTALL NEW SIGNS AND RELOCATE EXISTING SIGNS IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
2. THE COLOR IS ONLY SHOWN WHEN THERE IS AN OPTION THAT MUST BE SPECIFIED.
3. THE AREA AND PAYMENT AREA FOR SIGNS ARE FROM THE APPLICABLE STANDARD SHEETS OR SIGN FACE LAYOUTS.
4. SIGN SIZES ARE IN INCHES AND SHOWN AS WIDTH X HEIGHT.

ITEM	DESCRIPTION	UNITS
645.5102	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 32 SF, WITH Z-BARS	SF
645.61	OVERHEAD SIGN PANELS	SF

PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER
DRAFTING T. NAJUCH
CHECK J. MESSENGER
DESIGN T. NAJUCH
JOB MANAGER J. OTTMAN
DESIGN SUPERVISOR J. OTTMAN

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USER = najuch

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SIGNING TABLE

CONTRACT NUMBER D265304

DRAWING NO. SPM-09

SHEET NO. 56

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

EXISTING SIGNS TO BE REMOVED

LOCATION	QUANTITY	BACKGGROUND COLOR	LEGEND TEXT COLOR	LEGEND TEXT	MOUNT TYPE	647.25 (EA)	647.31 (EA)
1-3, 2-1, 3-3, 4-3, 4-5, 5-1	6	YELLOW		DELINEATOR	GR		6
7-11	1	YELLOW	BLACK	CHEVRON (RIGHT)	GR		1
8-12, 8-14, 8-16	3	WHITE	BLACK	LEFT TURN ONLY	OH	3	
8-18	1	WHITE	BLACK	RIGHT TURN ONLY	OH	1	
					TOTAL	4	7

ITEM	DESCRIPTION	UNITS
647.25	REMOVE AND DISPOSE OVERHEAD SIGN PANEL, SIGN PANEL ASSEMBLY	EACH
647.31	RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER 30SQUARE FEET)	EACH

SNOWPLOW MARKER AND DELINEATOR TABLE

ITEM	DESCRIPTION
646.23	LARGE DELINEATOR, LARGE SNOWPLOWING MARKER, LARGESUPPLEMENTARY SNOWPLOWING MARKER PANELS
646.31	STEEL POST, 1.1 LB/FT
646.50	BRACKETS FOR BARRIER AND MULTIDIRECTIONAL MOUNTING

STATION TO STATION		SIDE	ITEM 646.23 (SINGLE WHITE) (EA)	ITEM 646.23 (SINGLE YELLOW) (EA)	ITEM 646.23 (DOUBLE YELLOW) (EA)	ITEM 646.31 (EA)	ITEM 646.50 (EA)	REMARKS
NB 347+00	NB 374+00	LT.			6		6	CONCRETE BARRIER
HR 0+00	HR 11+10	LT.	11	1		9		NO RAILING OR BARRIER
HR 0+00	HR 11+10	RT.		6		6		NO RAILING OR BARRIER
		TOTAL	11	7	6	15	6	

EXISTING SIGNS TO REMAIN

LOCATION	QUANTITY	BACKGGROUND COLOR	LEGEND TEXT COLOR	LEGEND TEXT	MOUNT TYPE
1-1	1	GREEN	WHITE	MILE 15.9	GR
1-2	1	GREEN	WHITE	481 3301 1008	GR
1-4	1	GREEN	WHITE	481 3301 1B02	GR
2-2	1	GREEN	WHITE	MILE 15.8	GR
2-3	1	GREEN	WHITE	481 3301 1007	GR
2-4	1	YELLOW	BLACK	MERGE RIGHT	GR
3-1	1	GREEN	WHITE	EXIT 10	GR
		YELLOW	BLACK	25 MPH	
3-2	1	GREEN	WHITE	481 3301 1A00	GR
3-4	1	GREEN	WHITE	MILE 15.7	GR
3-5	1	YELLOW	BLACK	EXIT 25 MPH	GR
4-2	1	YELLOW	BLACK	CURVE LEFT	GR
4-4	1	GREEN	WHITE	MILE 15.6	GR
5-2	1	GREEN	WHITE	MILE 15.5	GR
5-3	1	WHITE	BLACK	SPEED LIMIT 65 MPH	GR
6-1	1	GREEN	WHITE	MILE 15.4	GR
7-2	1	RED	WHITE	WRONG WAY	GR
		RED	WHITE	WRONG WAY	
7-4	1	YELLOW	BLACK	SIGNAL AHEAD	GR
8-8	1	WHITE	BLACK	MERGE RIGHT	GR
8-7, 8-11, 8-24	3	RED	WHITE	DO NOT ENTER	GR
		RED	WHITE	WRONG WAY	
8-20	1	YELLOW	BLACK	RIGHT CURVE	GR
		YELLOW	BLACK	ADVISORY SPEED 25 MPH	
8-21	1	WHITE	BLACK	NO PEDESTRIANS BICYCLES OR HORSES	GR
8-22	1	WHITE	BLACK	ONE WAY ARROW RIGHT	GR, BB
		WHITE	BLACK	ONE WAY ARROW LEFT	
8-23	1	GREEN	BLACK	FREEWAY ENTRANCE (DOWNWARD DIA. LEFT ARROW)	GR
8-25	1	WHITE	BLACK	NORTH	GR
		WHITE	BLACK	481	
		WHITE	BLACK	RIGHT ARROW	

PROJECT MANAGER J. OTTMAN
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AFFIX SEAL:
ON: 06/11/2024

STATE OF NEW YORK
JONATHAN W OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
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N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

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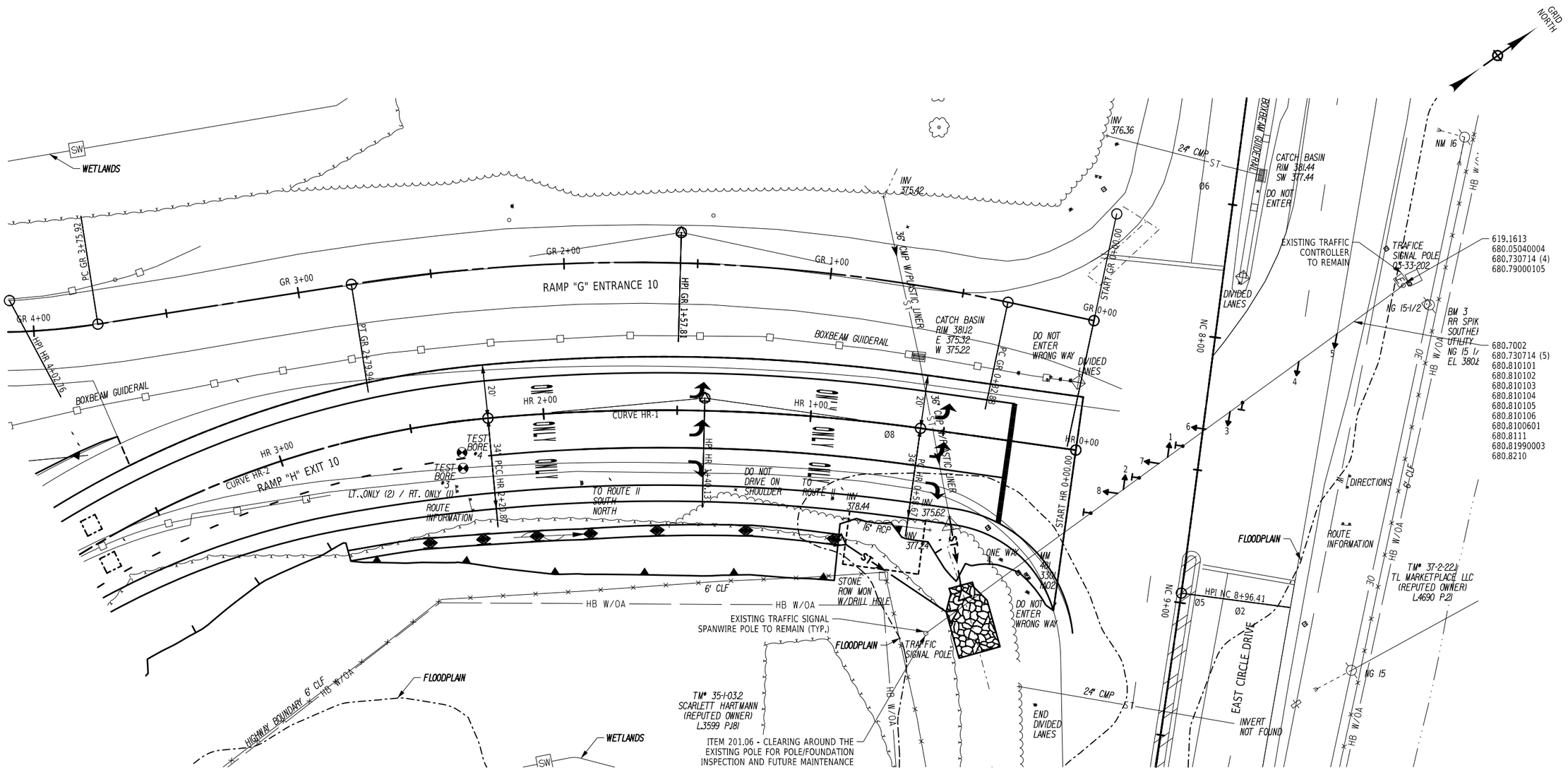
SIGNING TABLE

CONTRACT NUMBER D265304

DRAWING NO. SPM-10

SHEET NO. 57

NEW YORK STATE OF OPPORTUNITY. Department of Transportation



NOTES:

1. THE CONTRACTOR SHALL SUBMIT CATALOG CUTS FOR ALL TRAFFIC SIGNAL ITEMS TO TRAFFIC SAFETY & MOBILITY GROUP FOR REVIEW AND APPROVAL.
2. ITEM 680.81990003 - TRAFFIC SIGNAL BACKPLATES WITH YELLOW REFLECTIVE TAPE SHALL BE MODIFIED TO ONLY ALLOW 5 INCH NON-LOUVERED FLAT BLACK FINISHED BACK PLATES WITH A 3" WIDE YELLOW RETROFLECTIVE TAPE BORDER AROUND THE OUTSIDE EDGE.
3. ITEM 680.79000105 - REMOVE TRAFFIC SIGNAL INSTALLATION, LOCATION 0001. THIS ITEM SHALL INCLUDE THE REMOVAL AND DISPOSAL OF THE SPAN WIRE, SIGNAL BRACKETS, WIRING, SIGNAL SECTIONS, OVERHEAD SIGNS AND NON-LED SIGNAL MODULES.
4. REMOVAL AND DELIVERY OF ALL LED MODULES DIRECTLY TO STATE FORCES. PLEASE CONTACT NYSDOT TRAFFIC SIGNAL MAINTENANCE AT (315) 428-4064 TO SCHEDULE DROP OFF TIME TO THE NYSDOT SIGNAL SHOP IN NORTH SYRACUSE, NY. TRAFFIC SIGNAL MAINTENANCE SHALL VERIFY ALL SIGNAL EQUIPMENT WITH QUANTITIES THAT HAVE BEEN DELIVERED FOR THIS SPECIFIC LOCATION.

AFFIX SEAL: ON:	ALTERED BY: ON:
STATE OF NEW YORK · PAUL JOSEPH PRESUTTI · 075463 · LICENSED PROFESSIONAL ENGINEER · EXCELSIOR	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:						
	ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE	PIN 3043.69 I-481 UTILITY QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265304
	SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS				TRAFFIC SIGNAL PLANS TRAFFIC SIGNAL NO. 202	DRAWING NO. TSP-01
	TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE					SHEET NO. 58
	COUNTY: ONONDAGA REGION: 3					

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN A. BLACKMON | CHECK W. MCCORMICK | DRAFTING S. BEAMAN | PROJECT MANAGER A. BLACKMON | CHECK P. PRESUTTI

FILE NAME = 1969605_cph-TSP-01 thru TSP-xx.dgn
DATE/TIME = 21-JUN-2024 08:31
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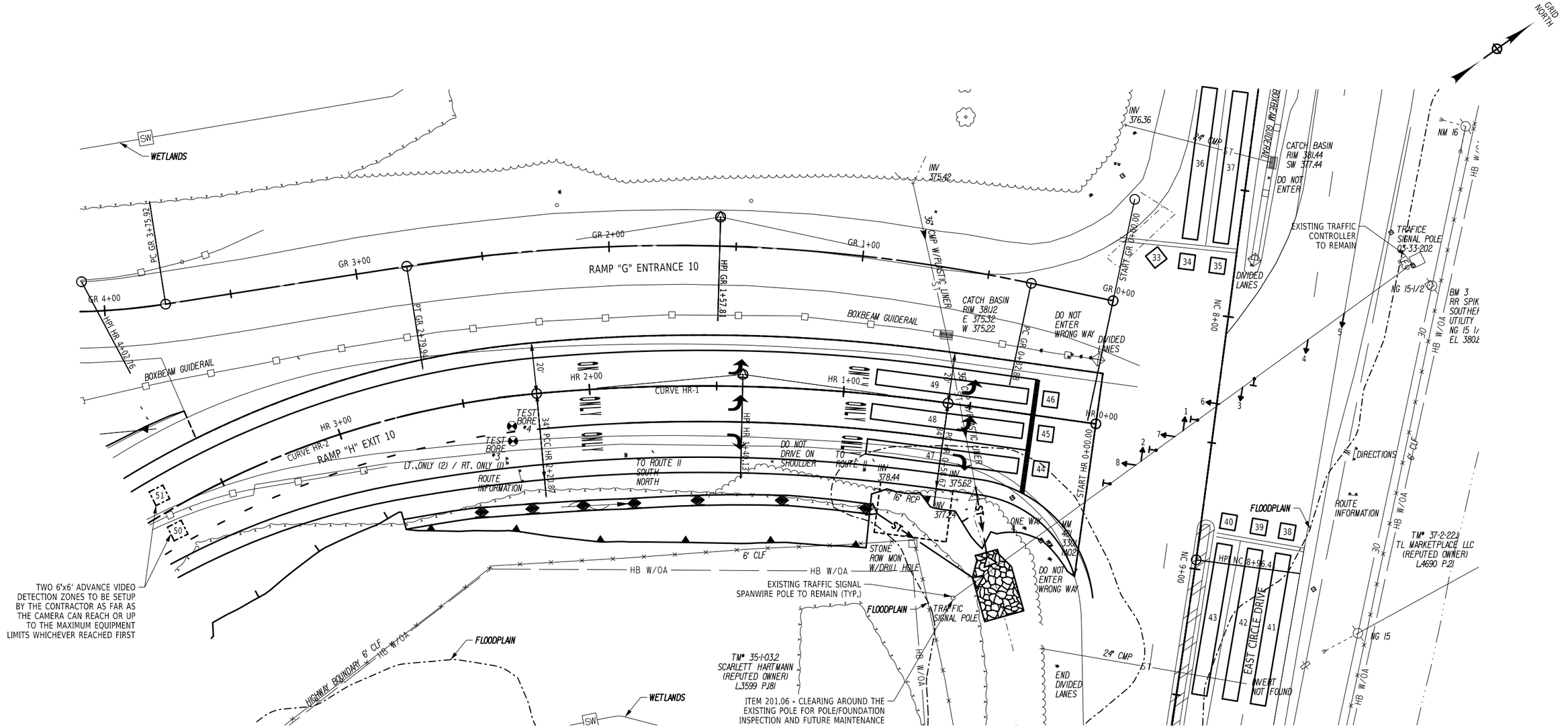

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VIDEO DETECTION CAMERA AND THE COMMUNICATION EQUIPMENT AS INSTALLED AND REPROGRAM ZONES 33 THROUGH 49 AS SHOWN ON THE PLAN.
2. THE CONTRACTOR SHALL PROVIDE 14 DAYS NOTICE TO THE REGIONAL TRAFFIC SAFETY AND MOBILITY GROUP AT (315) 428-4064 PRIOR TO INSTALLING THE ADVANCE VIDEO DETECTION EQUIPMENT TO DETERMINE THE OPTIMAL DETECTOR LOCATION.
3. THE ADVANCE VIDEO DETECTION EQUIPMENT SHALL BE CONNECTED TO THE CONTROLLER THROUGH THE SDLC CONNECTOR (INPUTS 33 TO 64).
4. THE CONTRACTOR SHALL PROGRAM THE ADVANCE VIDEO DETECTION ZONES AS SHOWN ON THE PLANS.

AFFIX SEAL: ON:	ALTERED BY: ON:
STATE OF NEW YORK · PAUL JOSEPH PRESUTTI · LICENSED PROFESSIONAL ENGINEER · 075463 · EXCELSIOR	

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS
VIDEO DETECTION PLAN SHEET
TRAFFIC SIGNAL NO. 202

CONTRACT NUMBER D265304

DRAWING NO. TSP-02

SHEET NO. 59

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN A. BLACKMON | CHECK | DRAFTING S. BEAMAN | CHECK W. MCCORMICK | PROJECT MANAGER A. BLACKMON | CHECK | P. PRESUTTI

FILE NAME = 1969605_cph-TSP-01 thru TSP-xx.dgn
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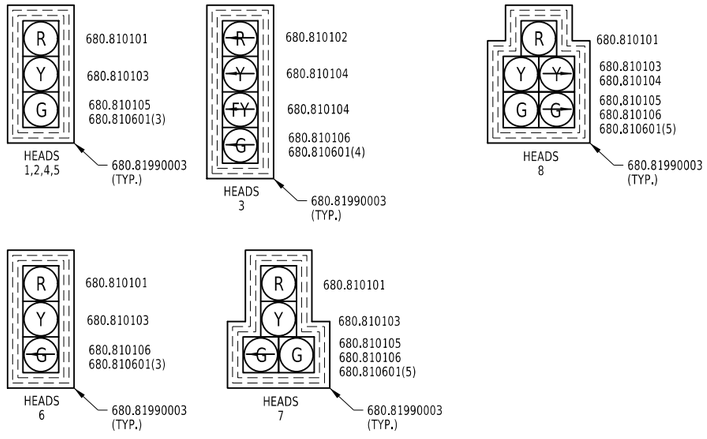
USER =

DESIGN SUPERVISOR	JOB MANAGER	DESIGN	CHECK	DRAFTING	CHECK	PROJECT MANAGER	CHECK
P. PRESUTTI	P. PRESUTTI	A. BLACKMON	S. BEAMAN	W. MCCORMICK		P. PRESUTTI	

TABLE OF OPERATIONS

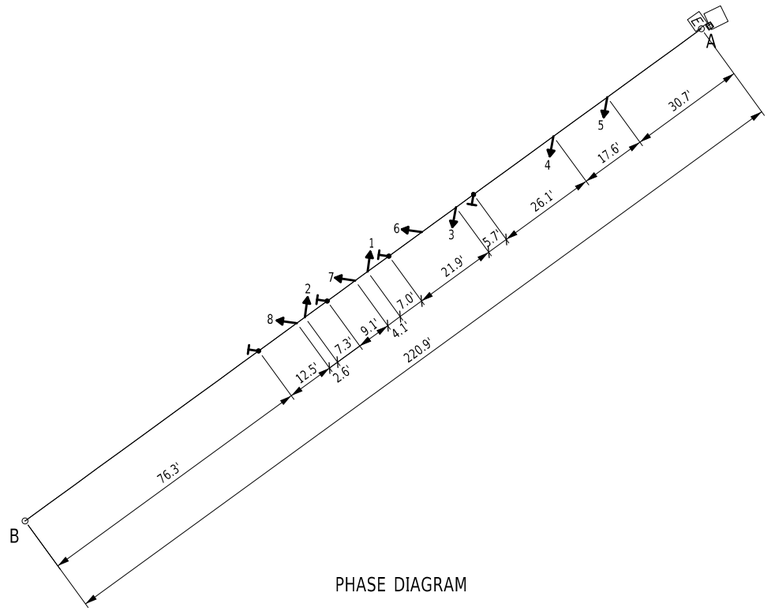
PHASE \ FACE	1	2	3	4	5	6	7	8
Ø 2 + Ø 5 + OVL A	R	R	~~G~~	G	G	R	R	R / ~~G~~
Ø 2 + Ø 6	G	G	~~FY~~	G	G	R	R	R
Ø 8	R	R	~~R~~	R	R	~~G~~	~~G~~ / G	G
EMERGENCY FLASH	FR	FR	~~FR~~	FR	FR	FR	FR	FR

LEGEND:
- G CIRCULAR GREEN
- ~~G~~ LEFT GREEN ARROW
- ~~G~~ RIGHT GREEN ARROW
- R CIRCULAR RED
- ~~R~~ LEFT RED ARROW
- ~~R~~ RIGHT RED ARROW
- Y CIRCULAR YELLOW
- ~~Y~~ LEFT YELLOW ARROW
- ~~Y~~ RIGHT YELLOW ARROW

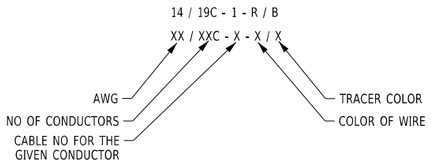


SIGNAL FACE DISPLAY

ALL NEW 12" DIAMETER LENS
BACKPLATE SHALL BE PROVIDED ON ALL FACES



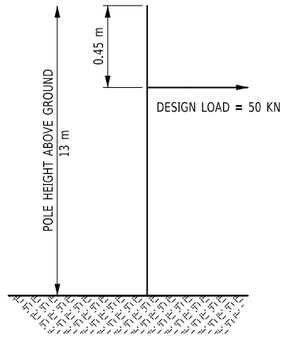
PHASE DIAGRAM



COLOR: R - RED, O - ORANGE, G - GREEN, BL - BLUE, W - WHITE
B - BLACK

KEY FOR WIRE COLOR CODE

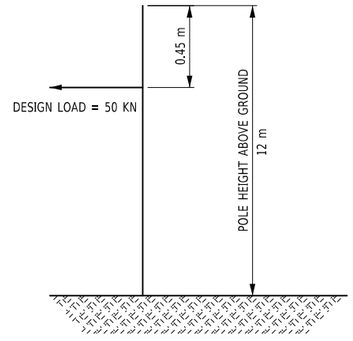
FOOTING MOMENTS



POLE B

FOUNDATION CAPACITY - 627,500 N-m
FOUNDATION TYPE - M - 20

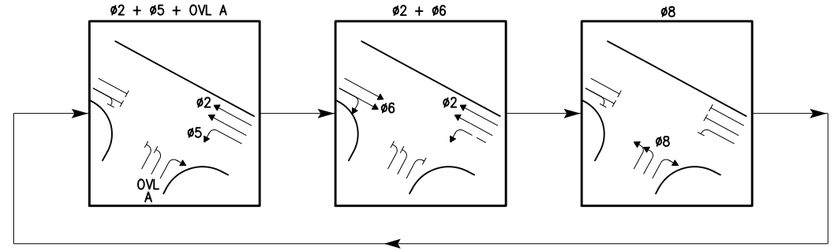
FOOTING MOMENTS



POLE A

FOUNDATION CAPACITY - 627,500 N-m
FOUNDATION TYPE - M - 20

SIGNAL POLE LOADING
FROM RECORD PLANS



PHASE DIAGRAM

AFFIX SEAL:
ON:

ALTERED BY:
ON:

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
075463
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL NO. 202

CONTRACT NUMBER
D265304

DRAWING NO. TSP-03
SHEET NO. 60

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

FILE NAME = 1969605_cph-TSP-01 thru TSP-xx.dgn
DATE/TIME = 21-JUN-2024 08:31
USER =

TABLE OF QUANTITIES		SIGNAL NO.	202
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
201.06	CLEARING AND GRUBBING	LS	1
619.1613	MAINTAIN TRAFFIC SIGNAL EQUIPMENT (REQUIREMENT C)	INTM	6
680.05040004	ADVANCE VEHICLE VIDEO DETECTION CAMERA FOR TRAFFIC SIGNALS	EA	1
680.7002	DUAL SPAN WIRE ASSEMBLY WITH UPPER TETHER WIRE	EA	1
680.730714	SIGNAL CABLE 7 CONDUCTORS, 14 AWG	LF	1050
680.79000105	REMOVE TRAFFIC SIGNAL INSTALLATION	ELOC	1
680.810101	TRAFFIC SIGNAL MODULE - 12 INCH, RED BALL, LED	EA	7
680.810102	TRAFFIC SIGNAL MODULE - 12 INCH, RED ARROW, LED	EA	1
680.810103	TRAFFIC SIGNAL MODULE - 12 INCH, YELLOW BALL, LED	EA	7
680.810104	TRAFFIC SIGNAL MODULE - 12 INCH, YELLOW ARROW, LED	EA	3
680.810105	TRAFFIC SIGNAL MODULE - 12 INCH, GREEN BALL, LED	EA	6
680.810106	TRAFFIC SIGNAL MODULE - 12 INCH GREEN ARROW, LED	EA	4
680.810601	TRAFFIC SIGNAL SECTION - POLYCARBONATE, TYPE I, 12 INCH	EA	28
680.8111	TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY	EA	8
680.81990003	TRAFFIC SIGNAL BACKPLATES WITH YELLOW REFLECTIVE TAPE	EA	8
680.8210	OVERHEAD SIGN ASSEMBLY, TYPE J	EA	4

TABLE OF CLEARANCES

TO \ FROM	G	R	←G	←R	R / ←G	G / ←G	←Y
G		R R				G / ←Y R	
R	Y R				R / ←Y R	Y / ←Y R	
←G		R R		←R ←R			←Y ←R ←G
←R			←Y ←R				←Y ←R
R / ←G	Y R	R R				Y / ←G R / ←G	
G / ←G	G G	R R			R / ←G R / ←G		
←Y			←Y ←R ←Y	←R ←R			

SIGNAL OPERATIONS SPECIFICATIONS
TABLE OF SWITCH PACKS

SIGNAL NO. 202 — ONONDAGA COUNTY

SWITCH PACK	FUNCTION	FACE NOS.	FLASH PLUG	INDICATIONS	TERMINAL WIRING BOARD TERMINAL	TERMINAL WIRING BOARD WIRING COLORING CODE
SP 1	Ø 2	4,5	R	R Y G GROUND WIRE	SP 1R SP 1Y SP 1G GROUND BUS	14/7C - 1 - R 14/7C - 1 - O 14/7C - 1 - G 14/7C - 1 - W
SP 2	Ø 6	1,2	R	R Y G GROUND WIRE	SP 2R SP 2Y SP 2G GROUND BUS	14/7C - 2 - R 14/7C - 2 - O 14/7C - 2 - G 14/7C - 2 - W
SP 3	OVL B (Ø 5)	3	W	←G GROUND WIRE	SP 3R SP 3Y SP 3G GROUND BUS	 14/7C - 3 - B 14/7C - 3 - W/B
SP 4	Ø 8	6,7	R	R R Y Y ←G ←G G GROUND WIRE	SP 4R SP 4Y SP 4G GROUND BUS	14/7C - 4 - R 14/7C - 4 - O 14/7C - 4 - G 14/7C - 4 - W
SP 5	Ø 8	8	R	R Y G GROUND WIRE	SP 5R SP 5Y SP 5G GROUND BUS	14/7C - 5 - R 14/7C - 5 - O 14/7C - 5 - G 14/7C - 5 - W
SP 6	OVL A (Ø 5)	8	W	←Y ←G GROUND WIRE	SP 6R SP 6Y SP 6G GROUND BUS	 14/7C - 5 - BL 14/7C - 5 - B 14/7C - 5 - W/B
SP 7				GROUND WIRE	SP 7R SP 7Y SP 7G GROUND BUS	
SP 8				GROUND WIRE	SP 8R SP 8R SP 8Y GROUND BUS	
SP 9				GROUND WIRE	SP 9R SP 9Y SP 9G GROUND BUS	
SP 10	Ø 5	3	R	←R ←Y ←FY GROUND WIRE	SP 10R SP 10Y SP 10G GROUND BUS	14/7C - 3 - R 14/7C - 3 - O 14/7C - 3 - G 14/7C - 3 - W
SP 11				GROUND WIRE	SP 11R SP 11Y SP 11G GROUND BUS	
SP 12				GROUND WIRE	SP 12R SP 12Y SP 12G GROUND BUS	
SP 13				GROUND WIRE	SP 13R SP 13Y SP 13G GROUND BUS	
SP 14				GROUND WIRE	SP 14R SP 14Y SP 14G GROUND BUS	
SP 15				GROUND WIRE	SP 15R SP 15Y SP 15G GROUND BUS	
SP 16				GROUND WIRE	SP 16R SP 16Y SP 16G GROUND BUS	

SIGNAL OPERATIONS SPECIFICATIONS
TABLE OF INPUTS

SIGNAL NO. 202 — ONONDAGA COUNTY

INPUT	FUNCTION	TERMINAL BOARD WIRING / SDLC CHANNEL	SIZE	REMARKS
33	Ø6	33	6' X 6'	EB E CIRCLE DRIVE RIGHT TURN COUNT
34	Ø6	34	6' X 6'	EB E CIRCLE DRIVE THRU COUNT
35	Ø6	35	6' X 6'	EB E CIRCLE DRIVE THRU COUNT
36	Ø6	36	6' X 60'	EB E CIRCLE DRIVE THRU/RIGHT PRESENCE
37	Ø6	37	6' X 60'	EB E CIRCLE DRIVE THRU PRESENCE
38	Ø2	38	6' X 6'	WB E CIRCLE DRIVE THRU COUNT
39	Ø2	39	6' X 6'	WB E CIRCLE DRIVE THRU COUNT
40	Ø5	40	6' X 6'	WB E CIRCLE DRIVE LEFT TURN COUNT
41	Ø2	41	6' X 60'	WB E CIRCLE DRIVE THRU PRESENCE
42	Ø2	42	6' X 60'	WB E CIRCLE DRIVE THRU PRESENCE
43	Ø5	43	6' X 60'	WB E CIRCLE DRIVE LEFT TURN PRESENCE
44	Ø8	44	6' X 12'	NB NY-481 RAMP RIGHT TURN COUNT
45	Ø8	45	6' X 6'	NB NY-481 RAMP LEFT TURN COUNT
46	Ø8	46	6' X 6'	NB NY-481 RAMP LEFT TURN COUNT
47	Ø8	47	6' X 60'	NB NY-481 RAMP RIGHT TURN PRESENCE
48	Ø8	48	6' X 60'	NB NY-481 RAMP LEFT TURN PRESENCE
49	Ø8	49	6' X 60'	NB NY-481 RAMP LEFT TURN PRESENCE
50	Ø8	50	6' X 6'	NB NY-481 RAMP LEFT/RIGHT TURN SPILLBACK
51	Ø8	51	6' X 6'	NB NY-481 RAMP LEFT TURN SPILLBACK

DESIGN SUPERVISOR: P. PRESUTTI | JOB MANAGER: P. PRESUTTI | DESIGN: A. BLACKMON | CHECK: S. BEAMAN | DRAFTING: W. MCCORMICK | CHECK: P. PRESUTTI | PROJECT MANAGER: A. BLACKMON | CHECK: P. PRESUTTI

FILE NAME = 1969605_cph-TSP-01 thru TSP-xx.dgn
DATE/TIME = 21-JUN-2024 08:31
USER =

AFFIX SEAL:
ON:

STATE OF NEW YORK — PAUL JOSEPH PRESUTTI — LICENSED — 075463 — PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

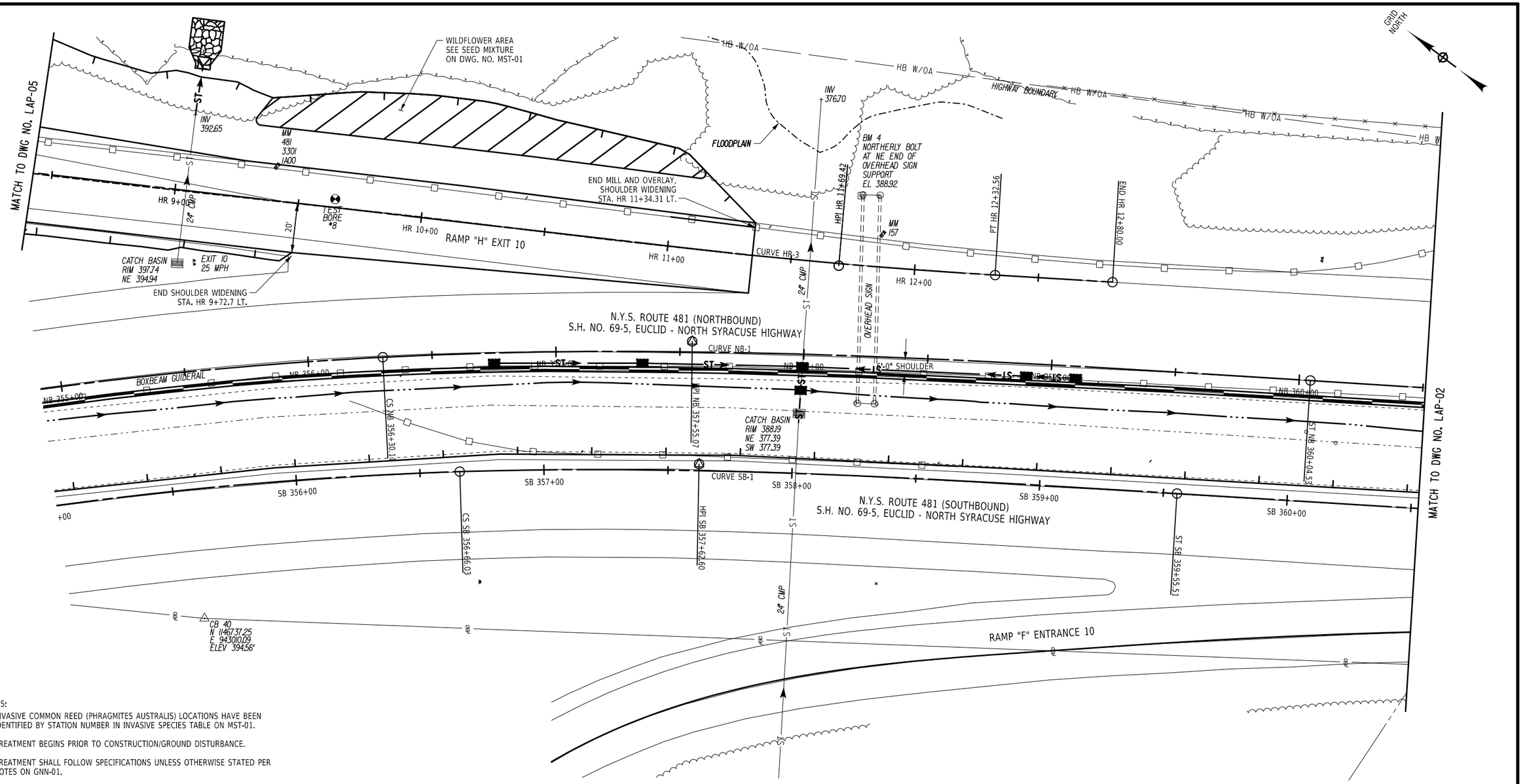
ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL NO. 202

CONTRACT NUMBER
D265304

DRAWING NO. TSP-04
SHEET NO. 61

NEW YORK STATE OF OPPORTUNITY. Department of Transportation



NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) LOCATIONS HAVE BEEN IDENTIFIED BY STATION NUMBER IN INVASIVE SPECIES TABLE ON MST-01.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

0 20 40 60 FT

1" = 40'

AFFIX SEAL: ON: 6/21/2024	ALTERED BY: ON:

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
075463
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

LANDSCAPING PLAN

CONTRACT NUMBER
D265304

DRAWING NO. LAP-01
SHEET NO. 62

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
DESIGN A. BLACKMON
CHECK S. BEAMAN
DRAFTING W. MCCORMICK
PROJECT MANAGER P. PRESUTTI

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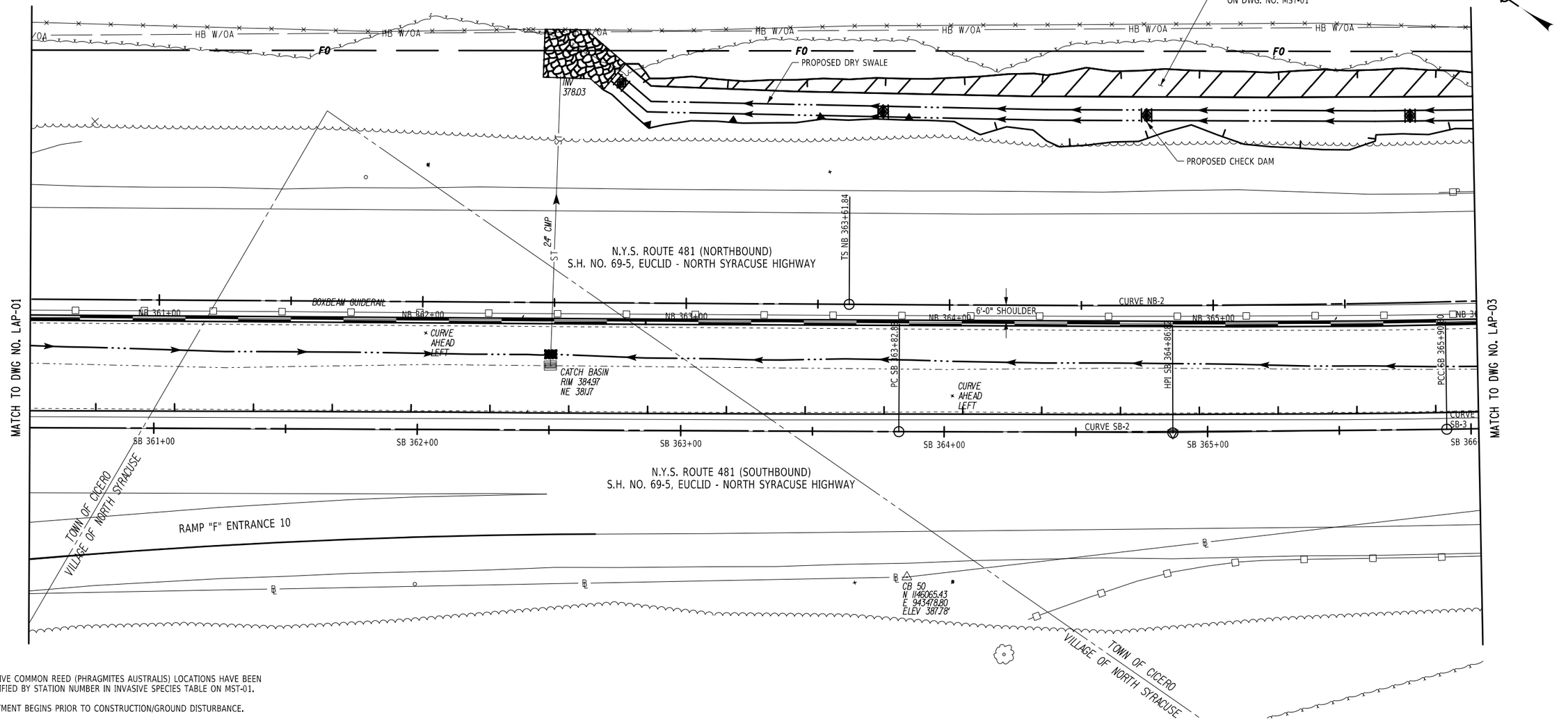

NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) LOCATIONS HAVE BEEN IDENTIFIED BY STATION NUMBER IN INVASIVE SPECIES TABLE ON MST-01.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

0 20 40 60 FT

1" = 40'

AFFIX SEAL: ON: 6/21/2024	ALTERED BY: ON:

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
075463
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

LANDSCAPING PLAN

CONTRACT NUMBER
D265304

DRAWING NO. LAP-02
SHEET NO. 63

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
DESIGN P. PRESUTTI
CHECK A. BLACKMON
DRAFTING S. BEAMAN
CHECK W. MCCORMICK
PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph-LAP-01 thru LAP-xx.dgn
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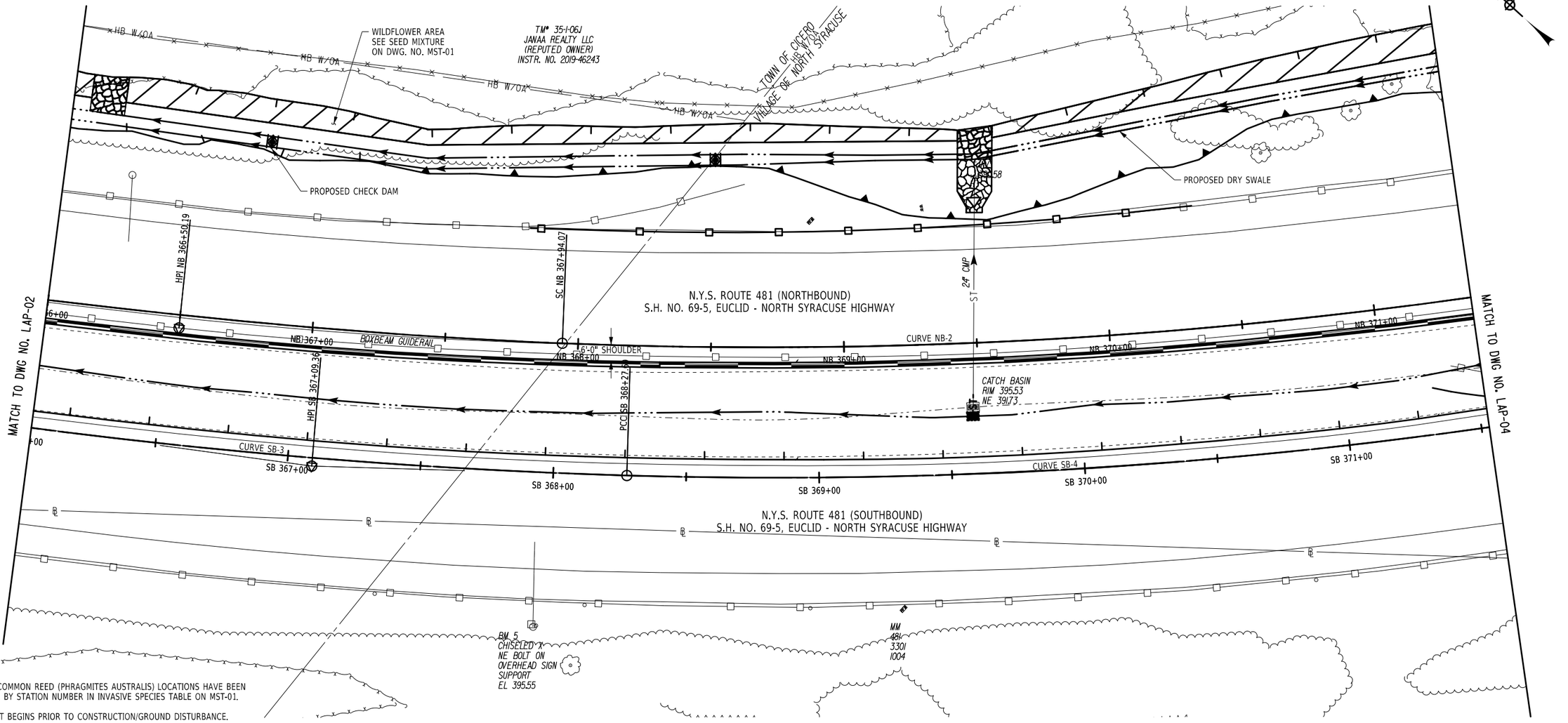

NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) LOCATIONS HAVE BEEN IDENTIFIED BY STATION NUMBER IN INVASIVE SPECIES TABLE ON MST-01.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

0 20 40 60 FT

1" = 40'

AFFIX SEAL: ON: 6/21/2024	ALTERED BY: ON:

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
075463
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

LANDSCAPING PLAN

CONTRACT NUMBER
D265304

DRAWING NO. LAP-03
SHEET NO. 64

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN A. BLACKMON | CHECK W. MCCORMICK | DRAFTING S. BEAMAN | CHECK A. BLACKMON | PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph-LAP-01 thru LAP-xx.dgn
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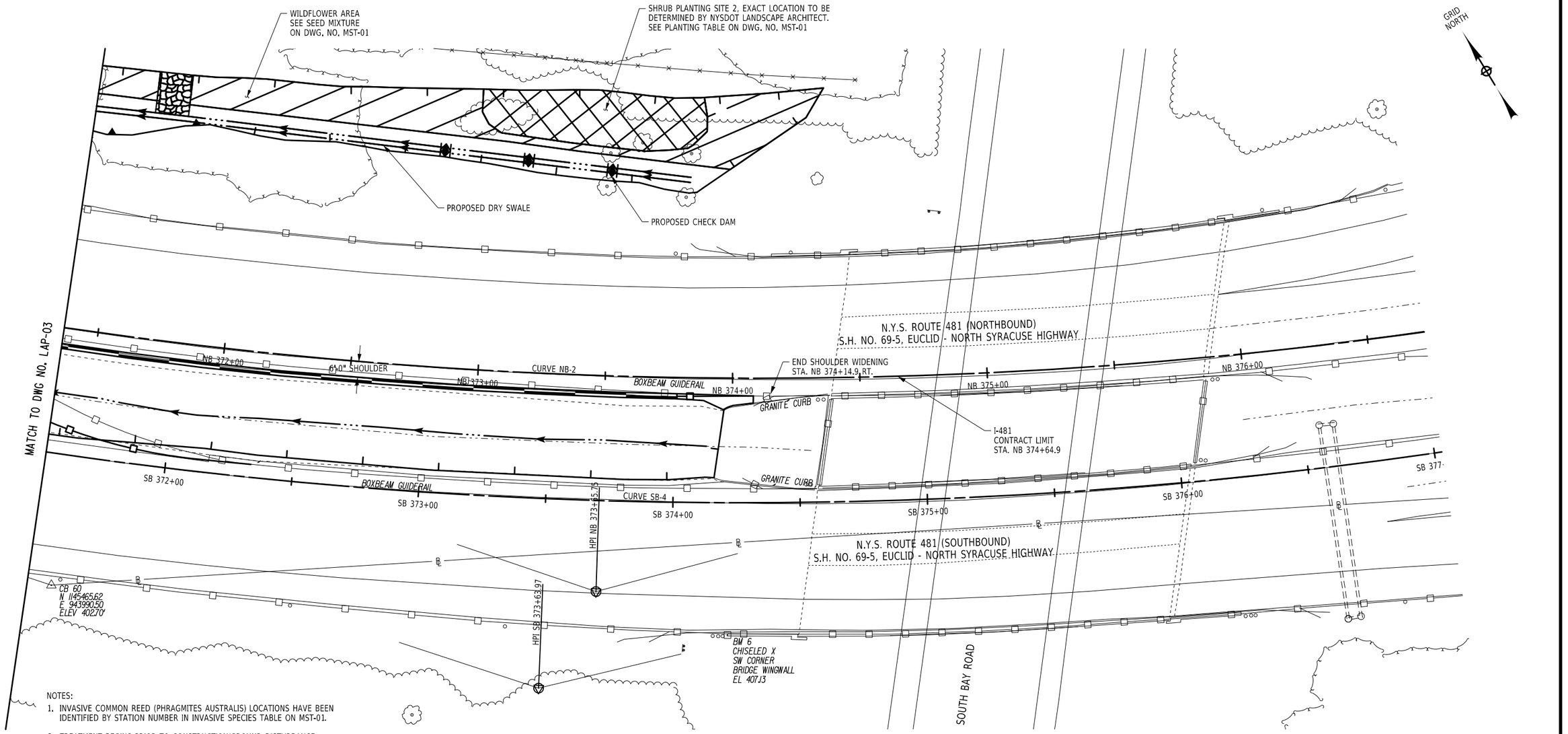

NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) LOCATIONS HAVE BEEN IDENTIFIED BY STATION NUMBER IN INVASIVE SPECIES TABLE ON MST-01.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

0 20 40 60 FT

1" = 40'

AFFIX SEAL: ON: 6/21/2024	ALTERED BY: ON:

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
075463
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69 I-481 UTILITY QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED LANDSCAPING PLAN	CONTRACT NUMBER D265304 DRAWING NO. LAP-04 SHEET NO. 65

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI | JOB MANAGER P. PRESUTTI | DESIGN A. BLACKMON | CHECK W. MCCORMICK | DRAFTING S. BEAMAN | CHECK A. BLACKMON | PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph-LAP-01 thru LAP-xx.dgn
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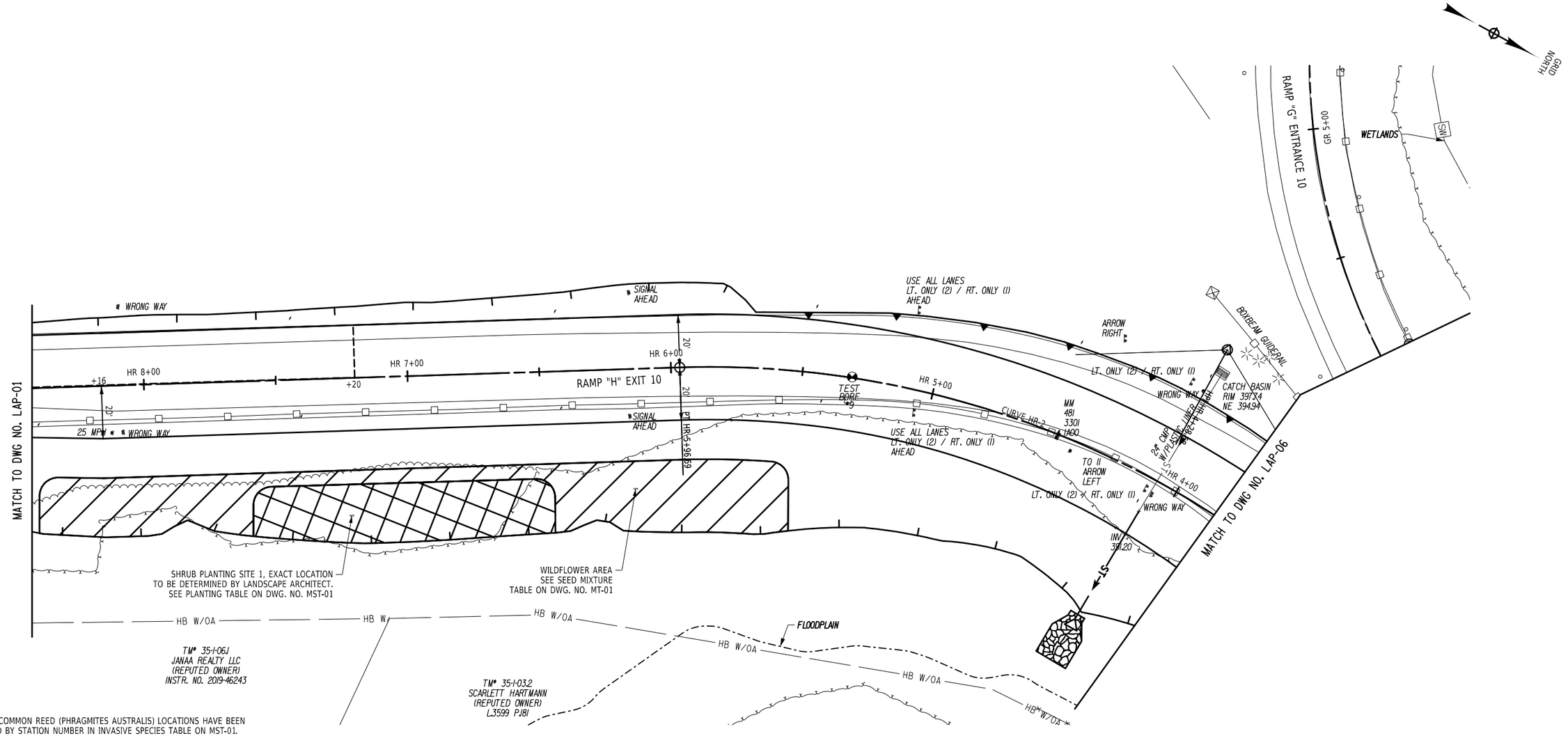

NOTES:

1. INVASIVE COMMON REED (PHRAGMITES AUSTRALIS) LOCATIONS HAVE BEEN IDENTIFIED BY STATION NUMBER IN INVASIVE SPECIES TABLE ON MST-01.
2. TREATMENT BEGINS PRIOR TO CONSTRUCTION/GROUND DISTURBANCE.
3. TREATMENT SHALL FOLLOW SPECIFICATIONS UNLESS OTHERWISE STATED PER NOTES ON GNN-01.
4. IDENTIFICATION ASSISTANCE AND SPECIES INFORMATION CAN BE FOUND BY CONTACTING REGIONAL ENVIRONMENTAL STAFF.
5. SEE INVASIVE SPIECES TABLE ON MST-01.

AFFIX SEAL: ON: 6/21/2024	ALTERED BY: ON:

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
LICENSED PROFESSIONAL ENGINEER
075463
EXCELSIOR

0 20 40 60 FT
1" = 40'

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69 I-481 UTILITY QUALITY LEVEL C	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED LANDSCAPING PLAN	CONTRACT NUMBER D265304 DRAWING NO. LAP-05 SHEET NO. 66

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
DESIGN A. BLACKMON
CHECK W. MCCORMICK
DRAFTING S. BEAMAN
CHECK A. BLACKMON
PROJECT MANAGER P. PRESUTTI

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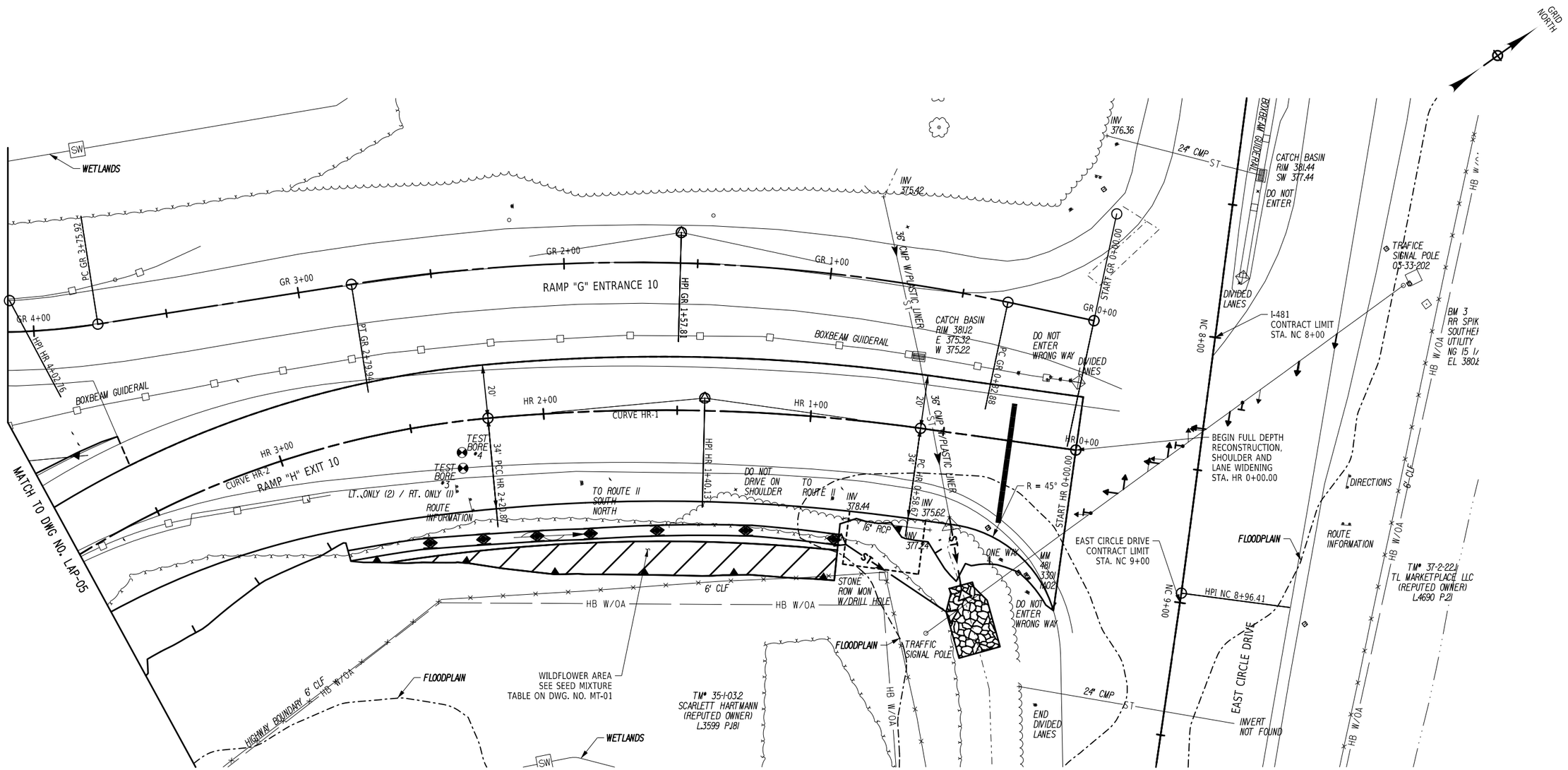

AFFIX SEAL: ON: 6/21/2024	ALTERED BY: ON:

STATE OF NEW YORK
PAUL JOSEPH PRESUTTI
LICENSE NO. 075463
PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
SAFETY IMPROVEMENTS AND ROUTE 481 BARRIER IMPROVEMENTS
TOWN OF CICERO AND VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69
I-481
UTILITY QUALITY LEVEL C

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CONTRACT NUMBER
D265304

LANDSCAPING PLAN

DRAWING NO. LAP-06
SHEET NO. 67

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.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR P. PRESUTTI
JOB MANAGER P. PRESUTTI
CHECK A. BLACKMON
DESIGN A. BLACKMON
CHECK S. BEAMAN
DRAFTING W. MCCORMICK
PROJECT MANAGER P. PRESUTTI

FILE NAME = 1969605_cph-LAP-01 thru LAP-xx.dgn
DATE/TIME = 13-JUN-2024 11:57
USER =

STONE INLET/OUTLET PROTECTION

ITEM NO.	DESCRIPTION
206.0201	TRENCH AND CULVERT EXCAVATION
207.20	GEOTEXTILE BEDDING
620.03	STONE FILLING (LIGHT)

LOCATION			DIMENSIONS			206.0201 (CY)	207.20 (SY)	620.03 (CY)
STATION	OFFSET	SIDE	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)			
HR 9+05	51	LT	18.0	13.0	1.5	13.0	30.8	13.0
HR 4+10	59	LT	18.0	13.0	1.5	13.0	30.8	13.0
HR 0+35	58	LT	24.0	16.0	1.5	21.8	49.4	21.8
					TOTAL	47.8	111.0	47.8

CLEANING EXISTING DRAINAGE

ITEM NO.	DESCRIPTION
621.03	CLEANING CLOSED DRAINAGE SYSTEMS
621.04	CLEANING DRAINAGE STRUCTURES

DRAINAGE NO.		STATION		SIDE	621.03 (FT)	621.04 (EACH)
FROM	TO	FROM	TO			
DS 100	DS 101	NB 369+50.0	NB 369+50.0	RT / LT	94	
DS 200	DS 201	NB 362+50.0	NB 362+50.0	RT / LT	104	
DS 300	DS 301	NB 358+00.0	NB 358+00.0	RT	175	
DS 400	DS 401	HR 9+04.5	HR 9+04.5	RT / LT	60	
DS 500	DS 501	HR 4+09.0	HR 4+09.0	RT / LT	60	1
DS 600	DS 602	HR 0+80.0	HR 0+43.4	RT / LT	123	1
				TOTAL	616.0	2

ITEM NO.	DESCRIPTION	UNIT
203.07	SELECT GRANULAR FILL	CY
206.0201	TRENCH AND CULVERT EXCAVATION	CY
552.17	SHIELDS AND SHORING	SF
603.171614	GALVANIZED STEEL END SECTIONS-PIPE (2-2/3" X 1/2"CORRUGATIONS) 30 INCH DIAMETER, 14 GAUGE	EACH
603.171912	GALVANIZED STEEL END SECTIONS-PIPE (2-2/3" X 1/2"CORRUGATIONS) 42 INCH DIAMETER, 12 GAUGE	EACH
603.77	CONCRETE COLLAR	EACH
603.9815	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 15 INCH DIAMETER	LF
603.9824	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 24 INCH DIAMETER	LF
603.9836	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 36 INCH DIAMETER	LF
604.302016	RECTANGULAR DRAINAGE STRUCTURE TYPE T FOR #16 WELDED FRAME	LF
655.1116	WELDED FRAME AND RETICULINE GRATE 16	EACH

DRAINAGE TABLE

DS NO.	STA.	OFFSET	INVERT ELEVATIONS				T.O.G. ELEV.	DESCRIPTION OF WORK	203.07	206.0201	552.17	603.171614	603.171912	603.77	603.9815	603.9824	603.9836	604.302016	655.1116
			N	E	S	W													
100	NB 369+50.0	27.5 RT	391.77				396.97	FURNISH AND INSTALL NEW CATCH BASIN DRAINAGE STRUCTURE, TYPE T. OUTLET WITH 8.0 FT. OF NEW 24 in. S.I.C.P.P. CONNECT TO EXISTING 24 in. C.M.P. WITH CONCRETE COLLAR	12.3	13.3				1		8.0		5.6	1
101	NB 369+50.0	68.0 LT			390.58			EXISTING END SECTION AND 24 in. C.M.P. FROM DS-100 TO REMAIN											
200	NB 362+50.0	19.7 RT	381.05				386.82	FURNISH AND INSTALL NEW CATCH BASIN DRAINAGE STRUCTURE, TYPE A. CONNECT TO EXISTING 24 in. C.M.P.	8.1	11.3								6.2	1
201	NB 362+50.0	85.0 LT			378.03			EXISTING END SECTION AND 24 in. C.M.P. FROM DS-200 TO REMAIN											
300	NB 358+00.0	198.0 RT			378.47			EXISTING END SECTION AND 24 in. C.M.P. TO DS-301 TO REMAIN											
301	NB 358+00.0	14.6 RT	377.34		377.34		391.00	FURNISH AND INSTALL NEW CATCH BASIN DRAINAGE STRUCTURE, TYPE T. OUTLET WITH 7.6 FT. OF NEW 24 in. S.I.C.P.P. TO DS-305.INLET WITH 8.0 FT. OF NEW 24 in. S.I.C.P.P. CONNECT TO EXISTING 24 in. C.M.P. WITH CONCRETE COLLAR	23.9	35.9	447.6			1		15.6		14.1	1
302	NB 356+75.0	4.8 RT		390.13			394.50	FURNISH AND INSTALL NEW CATCH BASIN DRAINAGE STRUCTURE, TYPE T. OUTLET WITH 57.8 FT. OF NEW 15 in. S.I.C.P.P. TO DS-303	21.3	28.6					57.8			4.8	1
303	NB 357+35.0	4.8 RT		388.80		388.80	393.20	FURNISH AND INSTALL NEW CATCH BASIN DRAINAGE STRUCTURE, TYPE T. OUTLET WITH 62.8 FT. OF NEW 15 in. S.I.C.P.P. TO DS-306	18.9	24.9					62.8			4.8	1
304	NB 359+05.0	4.8 RT				386.30	390.60	FURNISH AND INSTALL NEW CATCH BASIN DRAINAGE STRUCTURE, TYPE T. OUTLET WITH 12.8 FT. OF NEW 15 in. S.I.C.P.P. TO DS-305	7.7	10.7					12.8			4.7	1
305	NB 358+90.0	4.8 RT		386.24		386.24	390.80	FURNISH AND INSTALL NEW CATCH BASIN DRAINAGE STRUCTURE, TYPE T. OUTLET WITH 87.8 FT. OF NEW 15 in. S.I.C.P.P. TO DS-306	30.7	52.8	354.2				87.8			5.0	1
306	NB 358+00.0	4.8 RT	377.30	385.80		387.55	392.00	FURNISH AND INSTALL NEW CATCH BASIN DRAINAGE STRUCTURE, TYPE A. CONNECT TO EXISTING 24 in. C.M.P.	24.4	33.2	442.2							15.1	1
307	NB 358+00.0	103.0 LT			376.70			EXISTING END SECTION AND 24 in. C.M.P. FROM DS-306 TO REMAIN											
400	NB 9+04.5	30.0 RT			394.94		397.74	EXISTING CATCH BASIN AND 24 in. C.M.P. TO DS-401 TO REMAIN											
401	HR 9+04.5	30.8 LT				392.65		CONNECT TO EXISTING 24" C.M.P. WITH CONCRETE COLLAR. OUTLET WITH 19.9 FT. OF NEW 24 in. S.I.C.P.P. TO DS-402	10.1	6.2				1		19.9			
402	HR 9+04.5	50.7 LT		390.00				PLACE NEW 30 in. END SECTION				1							
500	HR 4+09.0	47.0 RT		394.94			397.74	EXISTING CATCH BASIN AND 24 in. C.M.P. TO DS-501 TO REMAIN											
501	HR 4+09.0	13.3 LT				391.20		CONNECT TO EXISTING 24" C.M.P. WITH CONCRETE COLLAR. OUTLET WITH 47.5 FT. OF NEW 24 in. S.I.C.P.P. TO DS-502	27.5	21.2				1		47.5			
502	HR 4+09.0	60.8 LT		385.60				PLACE NEW 30 in. END SECTION				1							
600	HR 0+80.0	85.0 RT		375.42				EXISTING END SECTION AND 36 in. C.M.P. TO DS-601 TO REMAIN											
601	HR 0+63.0	26.0 RT		375.32		375.22	381.12	EXISTING CATCH BASIN AND 36 in. C.M.P. TO DS-602 TO REMAIN											
602	HR 0+43.4	31.3 LT				375.62		CONNECT TO EXISTING 36" C.M.P. WITH CONCRETE COLLAR. OUTLET WITH 27.5 FT. OF NEW 36 in. S.I.C.P.P. TO DS-603	23.2	18.9				1			27.50		
603	HR 0+35.1	57.6 LT		375.60				PLACE NEW 42 in. END SECTION					1						
700	HR 0+85.0	45.0 LT				376.00		PLACE NEW 30 in. END SECTION AND 46.0 FT. OF NEW 24 in. S.I.C.P.P. TO DS-701	28.2	29.9		1				46.0			
701	HR 0+40.0	66.5 LT		375.50				PLACE NEW 30 in. END SECTION				1							
								TOTAL	236.3	286.9	1,244.0	4	1	5	221.3	137.0	27.5	60.3	8

DRAINAGE REMOVAL

ITEM NO.	DESCRIPTION
206.0201	TRENCH AND CULVERT EXCAVATION

REMOVAL NO.	STATION		SIDE	206.0201 (CY)	REMARKS
	FROM	TO			
DR-1	NB 369+50	NB 369+50	RT	26.8	REMOVE EXISTING DRAINAGE STRUCTURE AND 8' OF EXISTING 24" C.M.P.
DR-2	NB 362+50	NB 362+50	RT	9.2	REMOVE EXISTING DRAINAGE STRUCTURE AND 3' OF EXISTING 24" C.M.P. (SEE NOTE 1)
DR-3	NB 369+50	NB 369+50	RT	9.1	REMOVE EXISTING DRAINAGE STRUCTURE AND 3' OF EXISTING 24" C.M.P. (SEE NOTE 1)
DR-4	HR 0+50	HR 0+84	LT	5.7	REMOVE EXISTING 16" R.C.P.
		TOTAL		50.8	

DRAINAGE REMOVAL NOTE:

1. PAYMENT FOR THE REMOVAL OF ANY PORTION OF EXISTING PIPES AND DRAINAGE STRUCTURES THAT FALL WITHIN THE EXCAVATION PAY LIMITS FOR THE PROPOSED ROADWAY, UTILITY OR DRAINAGE PIPES AND STRUCTURES WILL BE INCLUDED IN THE PAYMENT FOR THE PROPOSED ROADWAY, UTILITY OR DRAINAGE PIPES AND STRUCTURE INSTALLATIONS.

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE TABLES

CONTRACT NUMBER D265304

DRAWING NO. DRT-01

SHEET NO. 68

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
CHECK J. MESSENGER
PROJECT MANAGER J. OTTMAN

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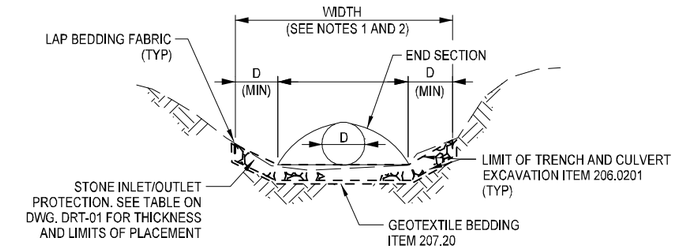

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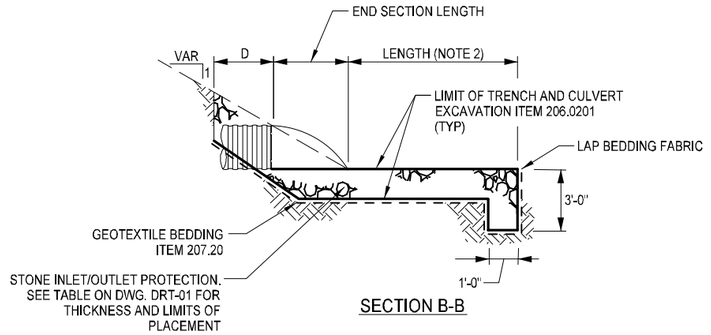

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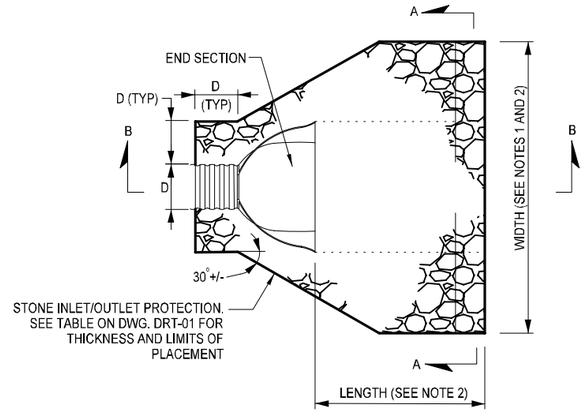

PLAN

NOTES:

1. FINAL CONFIGURATION OF INLET AND OUTLET PROTECTIONS IS SUBJECT TO CHANNEL CONDITIONS/GEOMETRY AND MAY BE MODIFIED BY THE RESIDENT PROJECT REPRESENTATIVE.
2. REFER TO STONE INLET/OUTLET PROTECTION TABLE ON DWG. DRT-01 FOR STONE FILLING LIMITS.

STONE INLET/OUTLET PROTECTION
N.T.S.

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | CHECK J. MESSENGER | DRAFTING T. NAJUCH | PROJECT MANAGER J. OTTMAN | CHECK J. MESSENGER

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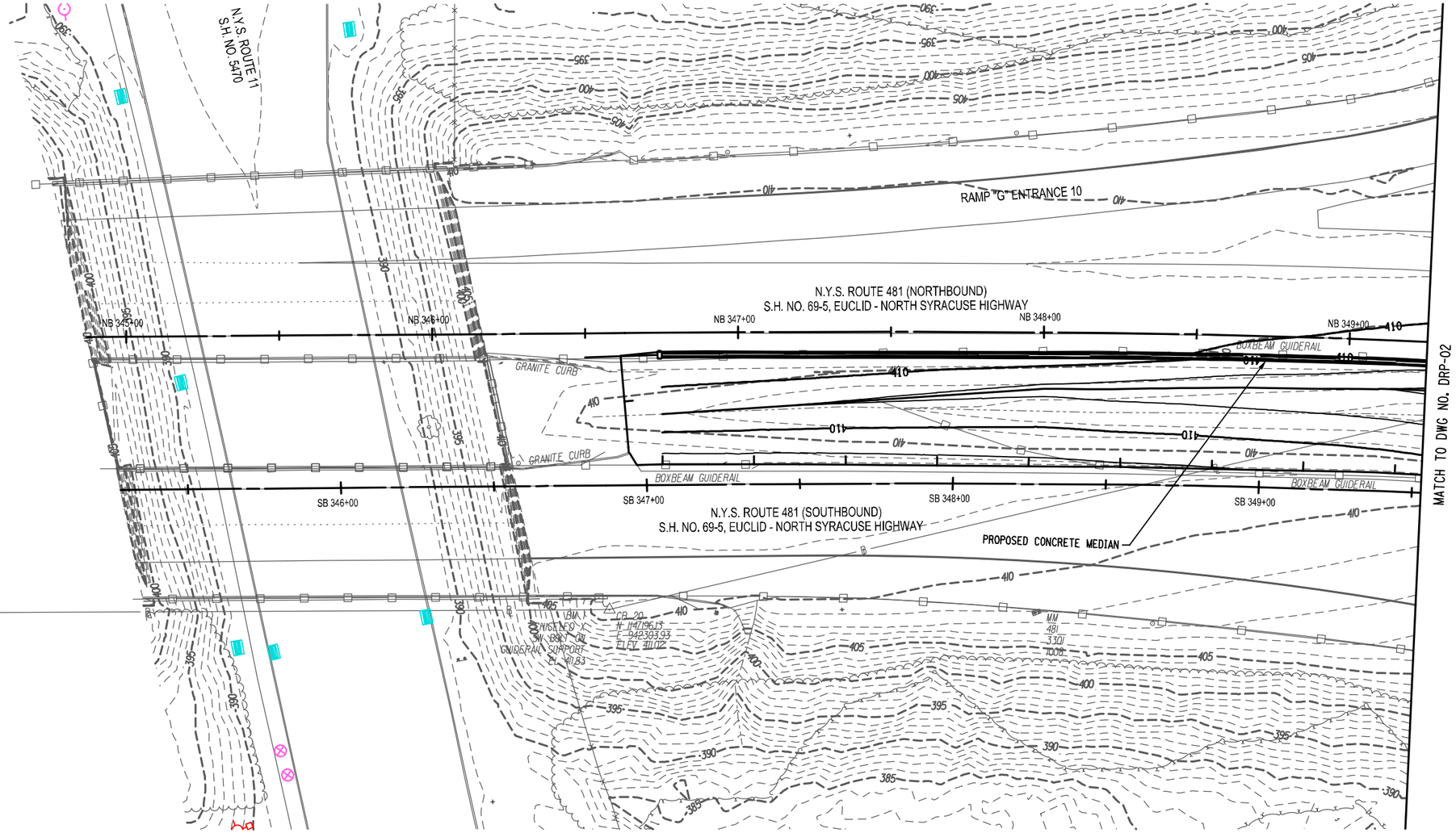
USER = tnajuch

AFFIX SEAL: ON: 06/11/2024	ALTERED BY: ON:

STATE OF NEW YORK
JONATHAN W OTTMAN
EXCELSIOR
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE AND N.Y. ROUTE 481 / I-81 BARRIER TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE COUNTY: ONONDAGA REGION: 3	PIN 3043.69	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED DRAINAGE DETAILS	CONTRACT NUMBER D265304 DRAWING NO. DRD-01 SHEET NO. 69

NEW YORK STATE OF OPPORTUNITY. Department of Transportation



LEGEND - DRAINAGE PLANS	
SYMBOL	DESCRIPTION
DS XXX	NEW DRAINAGE STRUCTURE TO BE ADDED
DR X	EXISTING DRAINAGE STRUCTURE TO BE REMOVED

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE PLAN

CONTRACT NUMBER D265304

DRAWING NO. DRP-01
SHEET NO. 70

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
CHECK J. MESSENGER
PROJECT MANAGER J. OTTMAN

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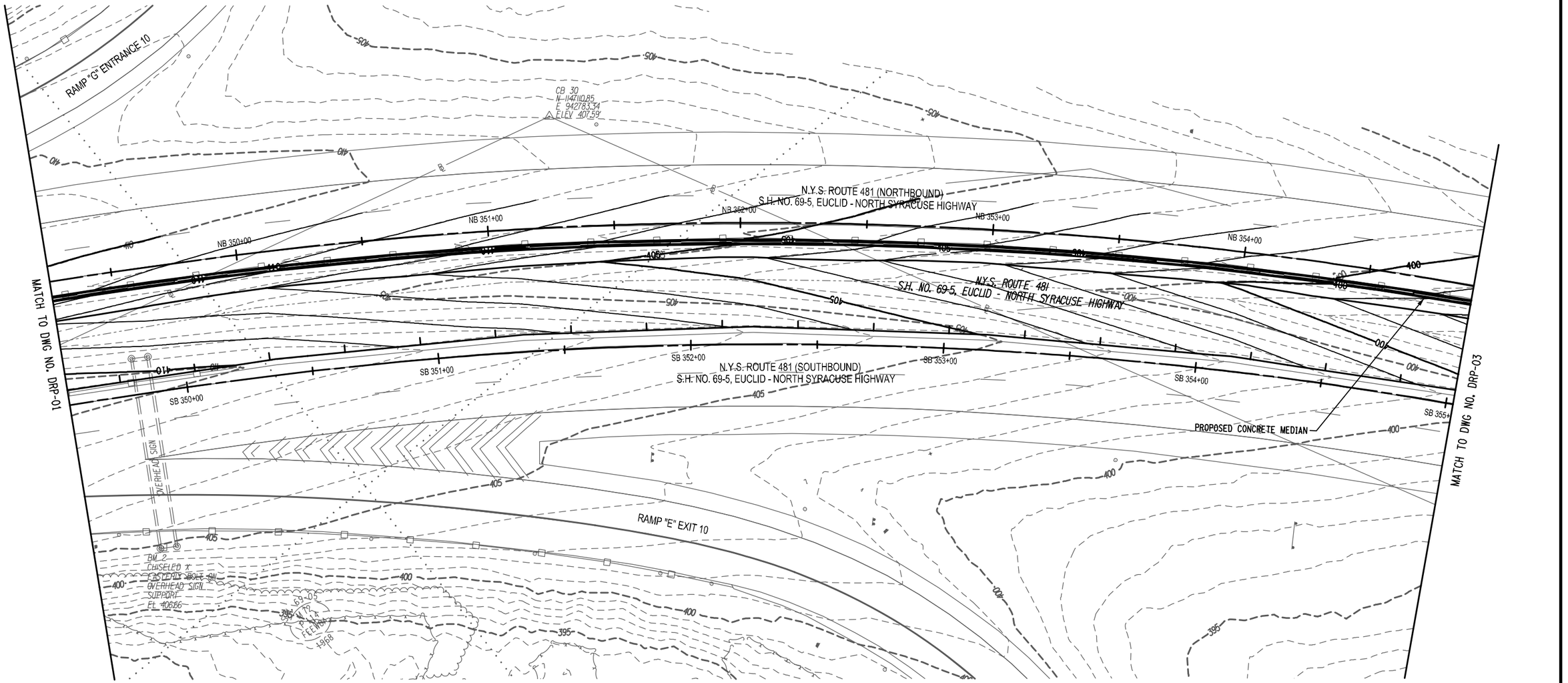

LEGEND - DRAINAGE PLANS	
SYMBOL	DESCRIPTION
DS XXX	NEW DRAINAGE STRUCTURE TO BE ADDED
DR X	EXISTING DRAINAGE STRUCTURE TO BE REMOVED

AFFIX SEAL:
ON: 06/11/2024

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE PLAN

CONTRACT NUMBER D265304

DRAWING NO. DRP-02
SHEET NO. 71

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
CHECK J. MESSENGER
PROJECT MANAGER J. OTTMAN

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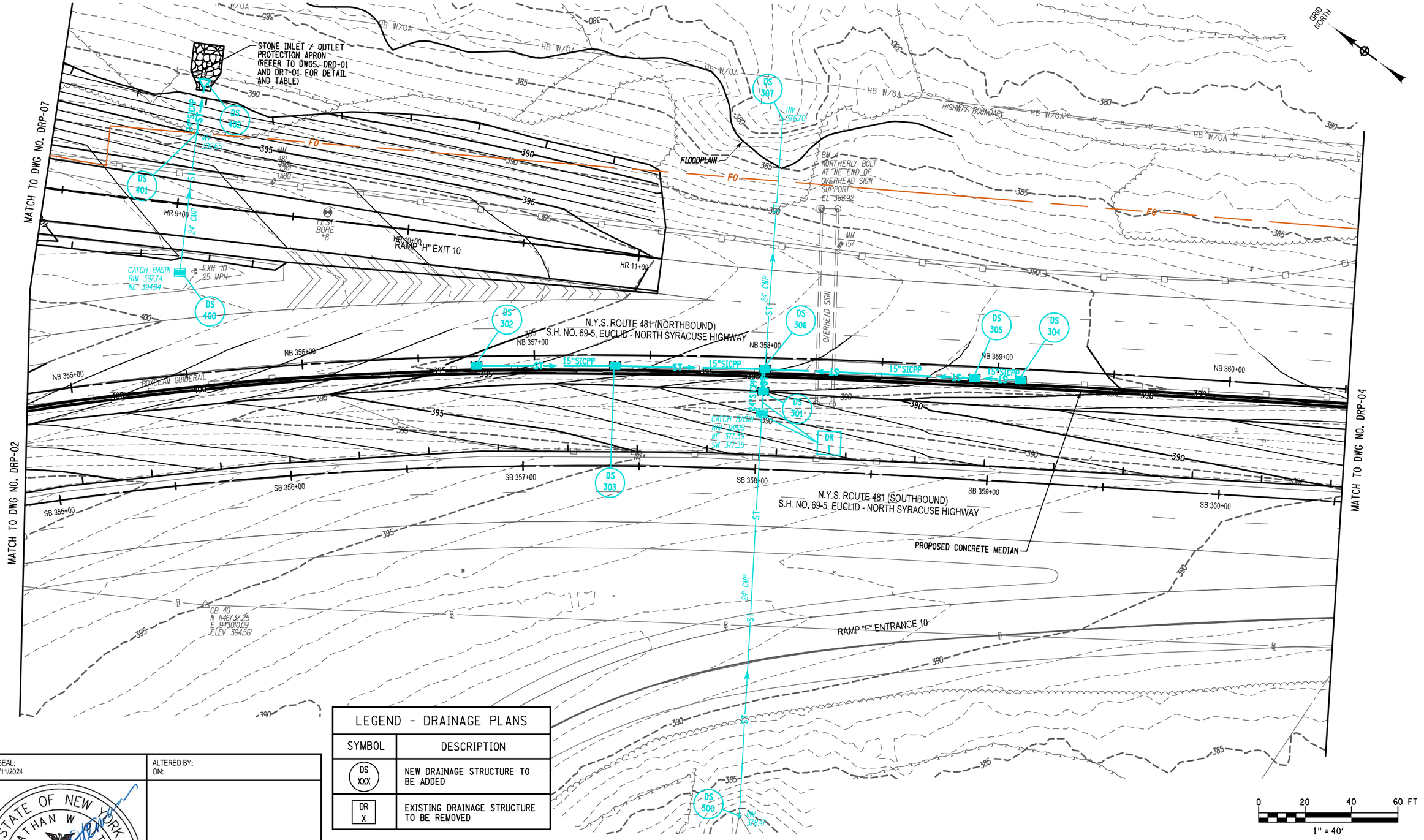

LEGEND - DRAINAGE PLANS	
SYMBOL	DESCRIPTION
DS XXX	NEW DRAINAGE STRUCTURE TO BE ADDED
DR X	EXISTING DRAINAGE STRUCTURE TO BE REMOVED

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W GUTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE PLAN

CONTRACT NUMBER D265304

DRAWING NO. DRP-03
SHEET NO. 72

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER

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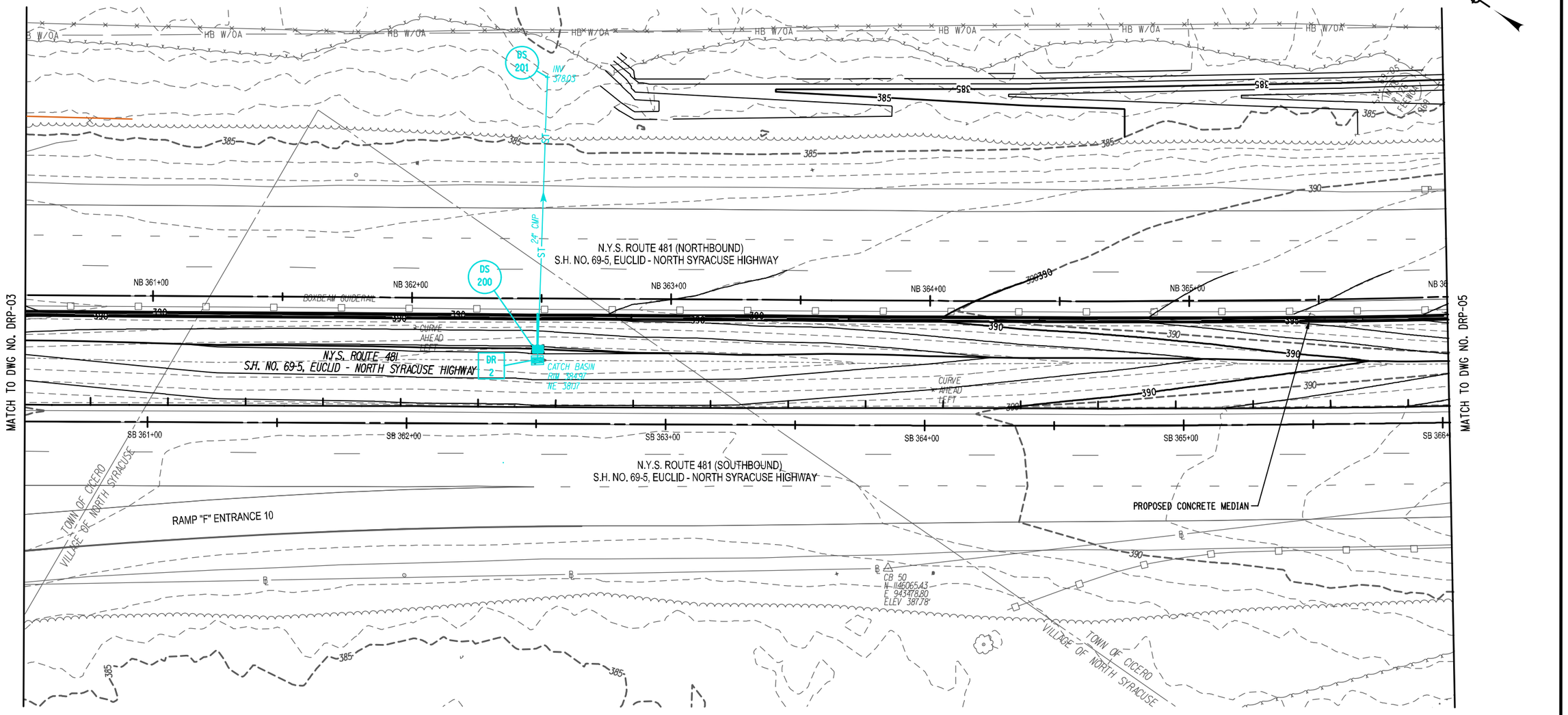

LEGEND - DRAINAGE PLANS	
SYMBOL	DESCRIPTION
DS XXX	NEW DRAINAGE STRUCTURE TO BE ADDED
DR X	EXISTING DRAINAGE STRUCTURE TO BE REMOVED

0 20 40 60 FT
1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W TMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE PLAN

CONTRACT NUMBER D265304

DRAWING NO. DRP-04

SHEET NO. 73

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
PROJECT MANAGER J. OTTMAN

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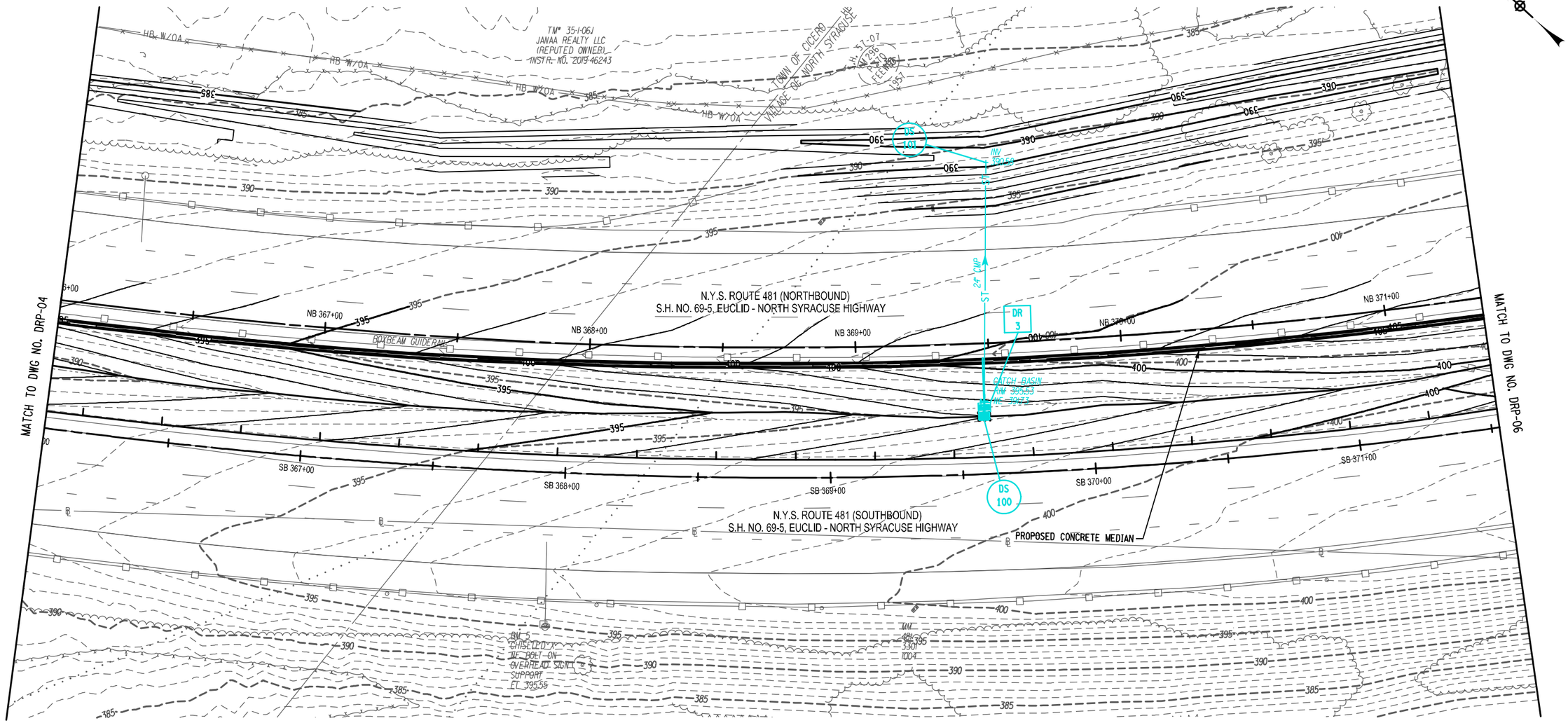

LEGEND - DRAINAGE PLANS	
SYMBOL	DESCRIPTION
DS XXX	NEW DRAINAGE STRUCTURE TO BE ADDED
DR X	EXISTING DRAINAGE STRUCTURE TO BE REMOVED

0 20 40 60 FT

1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W. OTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE PLAN

CONTRACT NUMBER D265304

DRAWING NO. DRP-05

SHEET NO. 74

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN | JOB MANAGER J. OTTMAN | DESIGN T. NAJUCH | DRAFTING T. NAJUCH | CHECK J. MESSENGER | PROJECT MANAGER J. OTTMAN | CHECK J. MESSENGER

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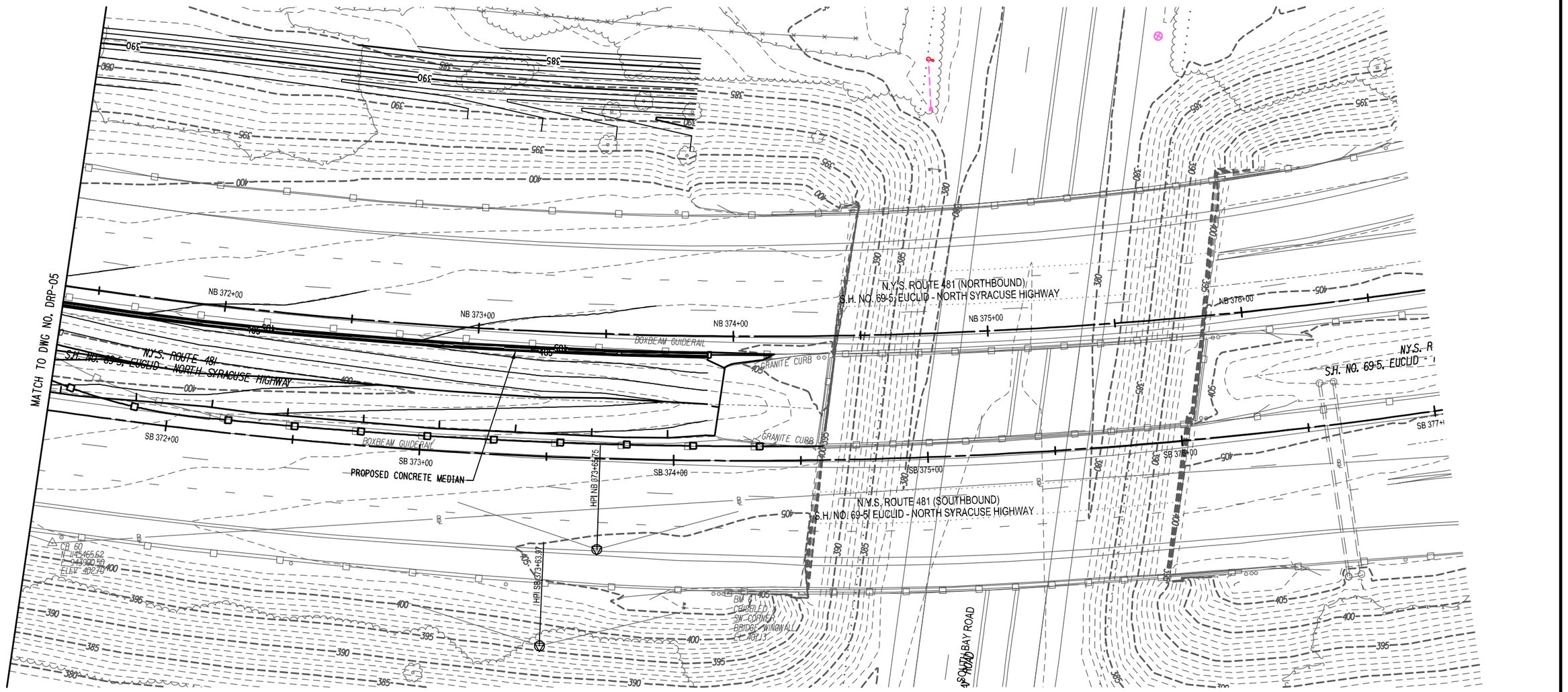

LEGEND - DRAINAGE PLANS	
SYMBOL	DESCRIPTION
DS XXX	NEW DRAINAGE STRUCTURE TO BE ADDED
DR X	EXISTING DRAINAGE STRUCTURE TO BE REMOVED

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W GUTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE

COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE PLAN

CONTRACT NUMBER D265304

DRAWING NO. DRP-06

SHEET NO. 75

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGNED T. NAJUCH
DRAFTING T. NAJUCH
CHECK J. MESSENGER
PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER

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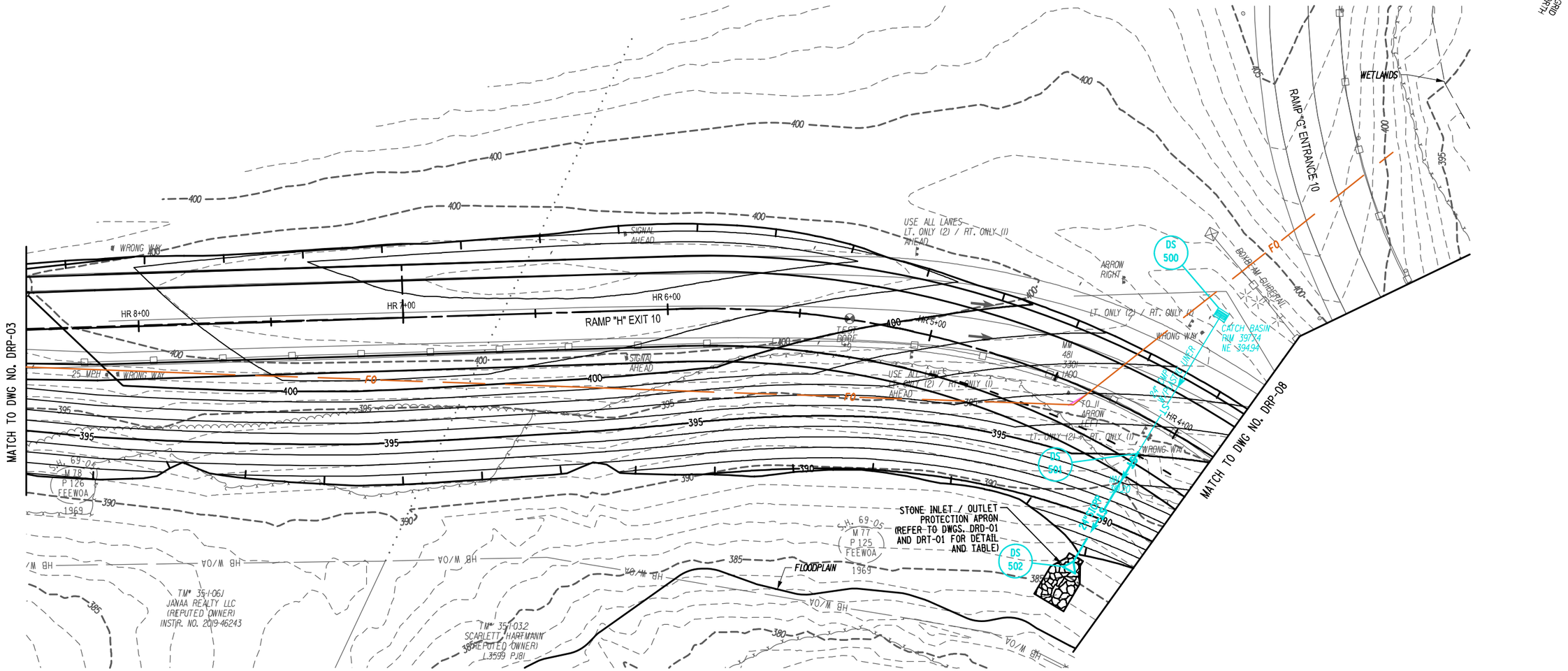

LEGEND - DRAINAGE PLANS	
SYMBOL	DESCRIPTION
DS XXX	NEW DRAINAGE STRUCTURE TO BE ADDED
DR X	EXISTING DRAINAGE STRUCTURE TO BE REMOVED

0 20 40 60 FT

1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W TMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE PLAN

CONTRACT NUMBER D265304

DRAWING NO. DRP-07

SHEET NO. 76

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER

FILE NAME = 304389_cph_drp.dgn
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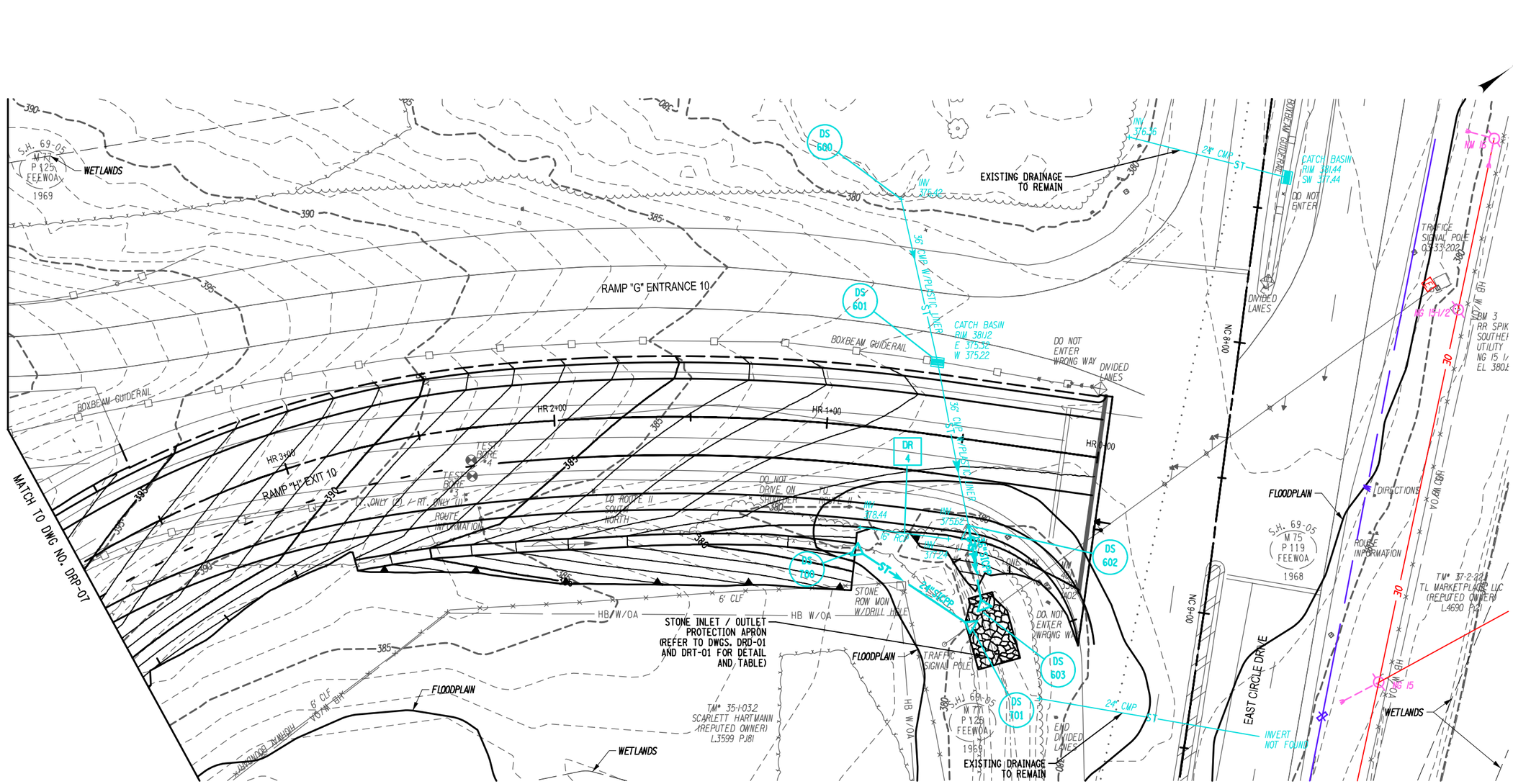
USER = tnajuch



LEGEND - DRAINAGE PLANS	
SYMBOL	DESCRIPTION
DS XXX	NEW DRAINAGE STRUCTURE TO BE ADDED
DR X	EXISTING DRAINAGE STRUCTURE TO BE REMOVED

0 20 40 60 FT

1" = 40'

AFFIX SEAL:
ON: 06/11/2024

ALTERED BY:
ON:

STATE OF NEW YORK
JONATHAN W GUTTMAN
075865
LICENSED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

N.Y. ROUTE 481 NORTHBOUND OFF-RAMP AT CIRCLE DRIVE
AND N.Y. ROUTE 481 / I-81 BARRIER
TOWN OF CICERO, VILLAGE OF NORTH SYRACUSE
COUNTY: ONONDAGA REGION: 3

PIN 3043.69

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE PLAN

CONTRACT NUMBER D265304

DRAWING NO. DRP-08

SHEET NO. 77

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.

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

DESIGN SUPERVISOR J. OTTMAN
JOB MANAGER J. OTTMAN
DESIGN T. NAJUCH
CHECK J. MESSENGER
DRAFTING T. NAJUCH
PROJECT MANAGER J. OTTMAN
CHECK J. MESSENGER

FILE NAME = 304388_rph_drp.dgn
DATE/TIME = 12-JUN-2024 10:25
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