

PROJECT LOCATION: BIN 1001590, RTE. 5 (MAIN ST.) OVER NY ROUTE 198
 BIN 1040000, KENSINGTON AVE. OVER NY ROUTE 198



STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION

STONE MASONRY REPAIRS
 FOR 2 BRIDGES OVER NY ROUTE 198
 IN THE CITY OF BUFFALO, ERIE COUNTY

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 UNITS) OF MAY 1, 2008, EXCEPT AS MODIFIED ON THESE PLANS AND IN THE ITEMIZED PROPOSAL.

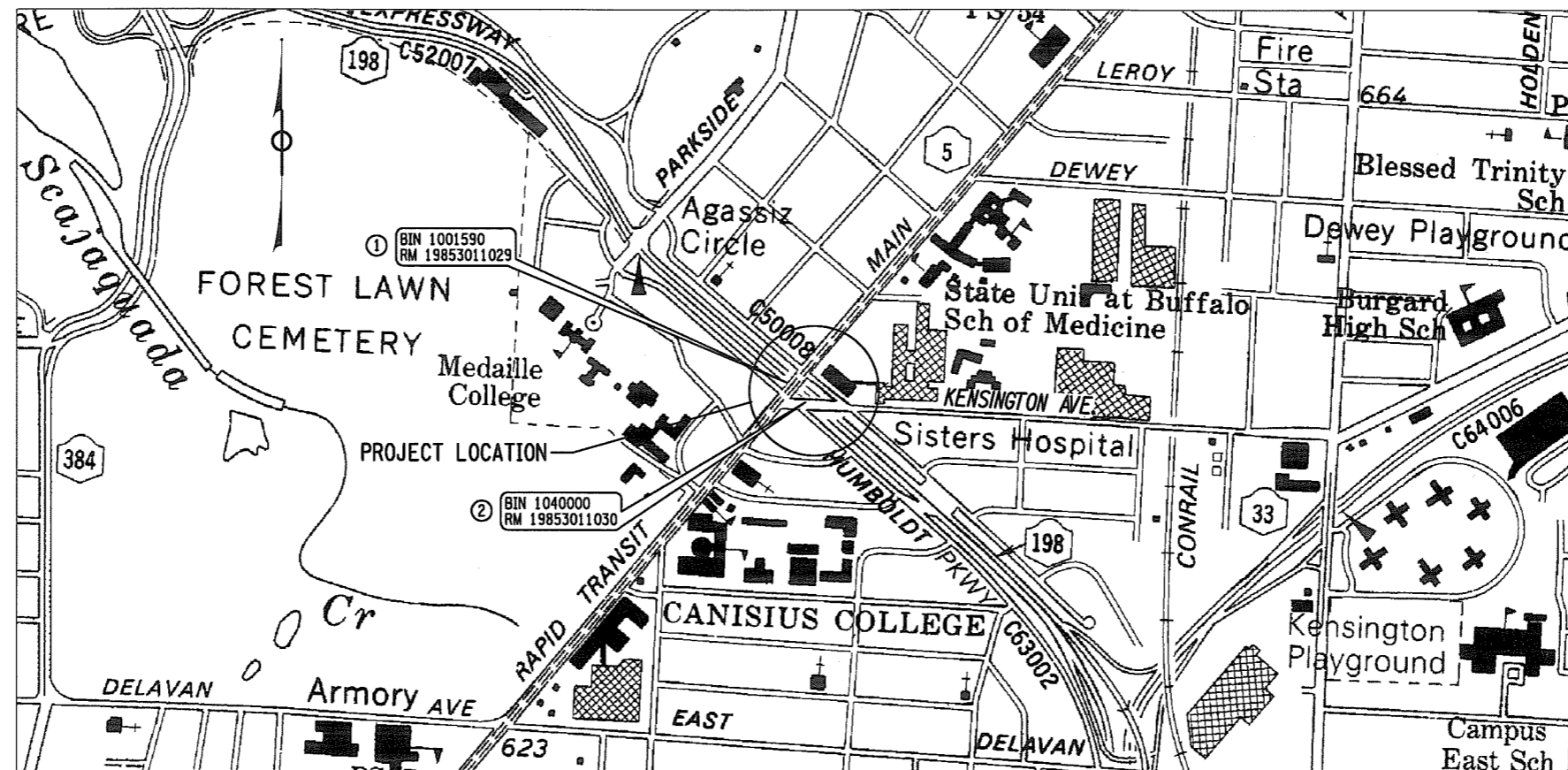
CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NYS DOT POLICIES AND GUIDE LINES AND THE FINAL DESIGN REPORT APPROVED ON 10/20/2010.

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.

F. A. PROJECT

ERIE COUNTY CONTRACT D261773

CONTRACTOR'S NAME	_____
AWARD DATE	_____
COMPLETION DATE	_____
FINAL ACCEPTANCE DATE	_____
REGIONAL DIRECTOR	_____
ENGINEER IN CHARGE	_____
FINAL COST TOTAL	_____
FISCAL SHARE	COST(S)



- ① BIN 1001590 - ROUTE 5 OVER NY 198
- ② BIN 1040000 - KENSINGTON AVE. OVER NY 198

PROJECT LOCATION

NOT TO SCALE

MAIN STREET AND KENSINGTON AVENUE OVER NY ROUTE 198,
 BINS 1001590 & 1040000, IN THE CITY OF BUFFALO, ERIE COUNTY

RECOMMENDED BY *[Signature]* 4/29/11
 ACTING REGIONAL DESIGN ENGINEER DATE

RECOMMENDED BY *[Signature]* 5/2/11
 REGIONAL CONSTRUCTION ENGINEER DATE

RECOMMENDED BY *[Signature]* 5/2/11
 REGIONAL TRANSPORTATION MAINTENANCE ENGINEER DATE

RECOMMENDED BY *[Signature]* 05/02/11
 REGIONAL TRAFFIC ENGINEER DATE

APPROVED BY *[Signature]* 5/03/11
 ACTING REGIONAL DIRECTOR DATE

MAIN STREET-HUMBOLDT PKWY UNDERPASS			
FAC 50-8			
NY 198		ERIE COUNTY	
FED. ROAD REG. NO.	STATE	SHEET NO.	
1	N.Y.	1	
CAPITAL PROJECT IDENTIFICATION NO. 5811.44			
INDEX ON SHEET NO. 2			D261773

DESIGN SUPERVISOR *[Signature]* JOB MANAGER *[Signature]* DESIGNED BY *[Signature]* CHECKED BY *[Signature]* ESTIMATED BY *[Signature]* CHECKED BY *[Signature]* DRAFTED BY *[Signature]* CHECKED BY *[Signature]*

FILE NAME = 581144_CPB_IND.DGN
 DATE/TIME = 19-APR-2011 14:03
 USER = dclstner
 DESIGN SUPERVISOR N. DUENNEBACKE JOB MANAGER D. LAISTNER
 DESIGNED BY P. CALHOUN ESTIMATED BY P. LEAVENS DRAFTED BY B. WZONTEK CHECKED BY M. CROSS, JR.
 CHECKED BY P. LEAVENS

ALIGNMENT	
ABBR.	DESCRIPTION
AH	AHEAD
AZ	AZIMUTH
BK	BACK
B	BASELINE
BRG	BEARING
C	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
C 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 1/4 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 CATAGORIES: 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)
'	ft	LINEAR FEET
ft ²	SF	SQUARE FEET
YD ³	CY	CUBIC YARD
mi	MI	MILES
AC	AC	ACRES
lb	LB	POUND
TON	TON	TON
GAL	GAL	GALLON

INDEX		TOTAL NUMBER OF SHEETS = 15
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER
1	TITLE SHEET	COVER
2	INDEX AND ABBREVIATIONS	INDEX
3	ESTIMATE OF QUANTITIES	QUAN-1
4-5	LEGEND - LINE, AND POINT SYMBOLOLOGY	L-1 TO L-2
6-7	GENERAL NOTES	GEN-1 TO GEN-2
8	GENERAL PLAN	GP-1
9-13	TRAFFIC CONTROL PLANS	TCP-1 TO TCP-5
14-15	ABUTMENT WALL DETAILS	WD-1 TO WD-2

LIST OF STANDARD SHEETS

- 619-01
- 619-02
- 619-04
- 619-10
- 619-11
- 619-12
- 619-40

MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8	PIN 5811.44 NY 198 PS&E DATE 5/2011 UTILITY QUALITY LEVEL D	BRIDGES BIN 1001590 BIN 1040000	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D261773
INDEX & ABBREVIATIONS				DRAWING NO. INDEX SHEET NO. 2	
DOCUMENT NAME: 581144_CPB_IND.DGN					

ALIGNMENT			LANDSCAPE			ROADWAY			UTILITIES		
STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION
	AC	CONTROL (CENTERLINE)		LABL	AREA, BRUSH LINE		CZ	RCZ_P CLEAR ZONE		UC	CONDUIT, UNDERGROUND
	AD_P	DETOUR		LAHR	AREA, HEDGE ROW		RG	GUIDE RAIL, MISCELLANEOUS		UCH	CONDUIT, HANGING
	AT_P	TRANSITION CONTROL		LAPB	AREA, PLANTING BED		RGB	GUIDE RAIL, BOX BEAM		UCO	CONDUIT, OVERHEAD
BRIDGE				LAWA	AREA, WOODED AREA OUTLINE		RGBM	GUIDE RAIL, BOX BEAM, MEDIAN		UE	ELECTRIC LINE, UNDERGROUND
	BR	RAIL		LAWE	AREA, WATERS EDGE		RGC	GUIDE RAIL, CABLE		UEH	ELECTRIC LINE, HANGING
	BSHT	SHEET PILING		LCUT_P	CUT LIMIT		RGCB	GUIDE RAIL, CONCRETE BARRIER		UEO	ELECTRIC LINE, OVERHEAD
CONTROL				LFILL_P	FILL LIMIT		RGP_P	GUIDE POST		UETO	ELECTRIC TRANSMISSION, OVERHEAD
	CB	BASELINE		LFNC	FENCE		RGW	GUIDE RAIL, W BEAM		UESS	ELECTRIC, SUBSTATIONS
	CBPR	BASELINE, PROJECTION		LTRC	TREE ROW, CONIFEROUS		RGWM	GUIDE RAIL, W BEAM, MEDIAN		UF0	FIBER OPTIC, UNDERGROUND
DRAINAGE				LTRD	TREE ROW, DECIDUOUS		RPB	PARKING BUMPER		UFOH	FIBER OPTIC, HANGING
	DCP	CULVERT PIPE		LWH	WALL, H PILE		RRC	RAIL ROAD, CATENARY		UFOO	FIBER OPTIC, OVERHEAD
	DCP_P	CULVERT PIPE (DIR)		LWR	WALL, RETAINING		RRER	RAIL ROAD, 3RD RAIL		UG	GAS, UNDERGROUND
	DDG_P	DITCH, GRASS LINED		LWS	WALL, STONE		RRPLS_P	RAIL, PHOTO, LARGE SCALE		UGH	GAS, HANGING
	DDP_P	DITCH, PAVED INVERT	ROW MAPPING				RRPSS	RAIL, PHOTO, SMALL SCALE		UGO	GAS, OVERHEAD
	DDS_P	DITCH, STONE LINED		MDL	DEED LINE		RRS	RUMBLE STRIP		UIC	INFORM CABLE, UNDERGROUND
	DFL_P	FLOW LINE		MEE	EASEMENT, EXISTING		RRSLS_P	RAIL, SURVEY, LARGE SCALE		UICH	INFORM CABLE, HANGING
	DSSD	SLOTTED DRAIN		MEP_P	EASEMENT, PERMANENT		RRSSS	RAIL, SURVEY, SMALL SCALE		UO	OIL LINE, UNDERGROUND
ENVIRONMENTAL				MEPA_P	EASEMENT, PERMANENT, APPROX.		SIGNS				
	EBLHS	BALE, STRAW		MET_P	EASEMENT, TEMPORARY		SBLB	BILLBOARDS		USA	SANITARY SEWER, UNDERGROUND
	ECT	CURTAIN, TURBIDITY		META_P	EASEMENT, TEMPORARY, APPROX.		SM	MULTIPLE POST		USAH	SANITARY SEWER, HANGING
	EDMC	DAM, COFFER TYPE		MFA_P	FEE ACQUISITION, APPROXIMATE		SSO	STRUCTURE, OVERHEAD		USAF	SANITARY SEWER, FORCE MAIN, UGND
	EDMEC_P	DAM, EARTHEN, CHECK		MFS_P	FEE ACQUISITION, SHAPE		SSOC	STRUCTURE, OVHD. CANTILEVER		USAFH	SANITARY SEWER, FORCE MAIN, HANG
	EDMPC_P	DAM, PREFAB, CHECK		MFWOA_P	FEE ACQUISITION, W/O ACCESS		STRIPING				
	EDMSC_P	DAM, STONE, CHECK		MHA	HISTORICAL, ACQUISITION		STB*	BROKEN LINE		UT	TELEPHONE, UNDERGROUND
	EFNS	FENCE, SILT		MHB	HIGHWAY BOUNDARY		STDB*	DOUBLE BROKEN LINE		UTH	TELEPHONE, HANGING
	EFNSV	FENCE, SILT & VEGETATION		MHBA	HIGHWAY BOUNDARY, APPROX.		STDL*	DOTTED LINE LONG		UTO	TELEPHONE, OVERHEAD
	EFNV	FENCE, VEGETATION		MHBW	HWY BOUNDARY, FACE OF WALL		STDS*	DOTTED LINE SHORT		UTV	CABLE TV, UNDERGROUND
	EWAA_P	WETLAND, ADJACENT AREA		MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS		STFB*	FULL BARRIER LINE		UTVH	CABLE TV, HANGING
	EWf	WETLAND, FEDERAL		MJC	JURISDICTION, CITY		STH*	HATCH LINE		UTVO	CABLE TV, OVERHEAD
	EWFS	WETLAND, FEDERAL AND STATE		MJCY	JURISDICTION, COUNTY		STPB*	PARTIAL BARRIER LINE		UUU	UNKNOWN, UNDERGROUND
	EWm	WETLAND, MITIGATION AREA		MJHD	JURISDICTION, HISTORIC DISTRICT		STRCT	ROUNDABOUT, CAT TRACKS		UUH	UNKNOWN, HANGING
	EWs	WETLAND, STATE		MJLL	JURIS., (GREAT, MILITARY) LOT LINE		STRYL	ROUNDABOUT, YIELD LINE		UUO	UNKNOWN, OVERHEAD
				MJN	JURISDICTION, NATION		STSB	STOP BAR		UW	WATER LINE, UNDERGROUND
				MJPB	JURISDICTION, PUBLIC LANDS		STSE*	SOLID, EDGE		UWH	WATER LINE, HANGING
				MJS	JURISDICTION, STATE		STXL*	X WALK, LADDER LINE		UWO	WATER LINE, OVERHEAD
				MJT	JURISDICTION, TOWN		TRAFFIC CONTROL				
				MJV	JURISDICTION, VILLAGE		TCSW	SIGNAL, SPAN WIRE			
				MPL	PROPERTY LOT LINE		TRAFFIC WORK ZONE				
				MPLA	PROPERTY LOT LINE, APPROXIMATE		TWZBT_P	BARRIER, TEMPORARY			
				MSL	SUB LOT LINE		TWZBTWL_P	BARRIER, TEMPORARY, W/ WARNING LIGHTS			
							TWZCD_P	CHANNELIZING DEVICE			
							TWZPMRC_P	PAVEMENT MARKING REMOVAL OR COVERING			

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

MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8	PIN 5811.44 NY 198 PS&E DATE 5/2011 UTILITY QUALITY LEVEL D	BRIDGES BIN 1001590 BIN 1040000	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D261733
LEGEND - LINE SYMBOLOGY				DRAWING NO. L-1 SHEET NO. 4	
DOCUMENT NAME: 581144.CPB.LEG.001.DGN					
NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 05					

ALIGNMENT			DRAINAGE			ITS			ROW MAPPING			SIGNS			UTILITIES		
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION
⊗	ACC	CENTER OF CURVATURE	+	DINV	INVERT	⊕	IANT P	ANTENNAS	⊕	MDL1P	DEED LINE, TYPE 1	⊕	S	SINGLE POST	⊕	UEB	ELECTRIC, BOX
+	ACOGO	COGO	▭	DS	STRUCTURE, RECTANGULAR	⊕	IASCTS	ACCOU. SPEED/COUNT SNSR.S	⊕	MDL2P	DEED LINE, TYPE 2	⊕	S.P	SINGLE POST, PROPOSED	⊕	UEM	ELECTRIC, METER
⊙	ACS	CURVE TO SPIRAL	+	DSI	STRUCTURE, INVERT	⊕	ICABPAD	CABINET & PAD	⊕	MDL3P	DEED LINE, TYPE 3	⊕	SB.P	BACK TO BACK, PROPOSED	⊕	UEMH	ELECTRIC, MANHOLE
△	ADPL.P	DETOUR, POINT OF INTERSECT.	⊙	DSM	STRUCTURE, MANHOLE	⊕	ICCTV	CCTV SITE	⊕	MDL4P	DEED LINE, TYPE 4	⊕	SDEL	DELINEATORS	⊕	UEPT	ELECTRIC, POLE, TRANS.
○	ADPL.P	DETOUR, POINT ON LINE	⊙	DSM	STRUCTURE, MANHOLE	⊕	ICDPD	CDPD TRANSCEIVER	⊕	MDL5P	DEED LINE, TYPE 5	⊕	SPM	PARKING METER	⊕	UGM	GAS, METER
○	AEQN	EQUATION	⊙	DSM	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96	⊕	ICELLT	CELL PHONE TOWER	⊕	MEEP	EASEMENT, EXISTING	⊕	SRM	REFERENCE MARKERS	⊕	UGMH	GAS, MANHOLE
⊙	AEQNAHD	EQUATION AHEAD	⊙	DSR	STRUCTURE, ROUND	⊕	ICJB	CONDUIT JACK OR BORING	⊕	MEPAP.P	EASEMENT, PERM., APPROX.	⊕	SRSC3	SHLD, CTY, 123 DIG.	⊕	UGLM	GAS, LINE MARKER
⊙	AEQNBK	EQUATION BACK	⊕	DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R	⊕	ICNTLCAB	CONTROLLER CABINET	⊕	MEPP.P	EASEMENT, PERM., BACK LINE	⊕	SRSC4	SHLD, CTY, 4 DIG.	⊕	UGP	GAS/FUEL PUMP
⊙	AEVT	EVENT STATION	⊕	DST"X" P	STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U	⊕	ICPB	COMMUNICATION PULL BOX	⊕	MEPSP.P	EASEMENT, PERM., SHAPE	⊕	SRSCT2	SHLD, CTY TOUR, 1-2 DIG.	⊕	UGV	GAS, VALVE
⊙	APC	POINT OF CURVATURE	ENVIRONMENTAL			⊕	ICTD	CONDUIT TURNING DOWN	⊕	MFAP.P	FEE ACQUISITION, APPROX.	⊕	SRSCT4	SHLD, CTY TOUR, 3-4 DIG.	⊕	UGVT	GAS, VENT
⊙	APCC	POINT OF COMPOUND CURVATURE				⊕	ICTU	CONDUIT TURNING UP	⊕	MFSP.P	FEE ACQUISITION, SHAPE	⊕	MFP.P	FEE ACQUISITION, BACK LINE	⊕	SRSI	SHLD, INTERSTATE
△	API	POINT OF INTERSECTION	⊕	ICVTRT	COMM. VEH. ROAD TRANSCEIVER	⊕	IDEFAULT	DEFAULT	⊕	MHBAP	HIGHWAY BNDRY., APPROX.	⊕	SRSN2	SHLD, NATIONAL, 2 DIG.	⊕	ULPM	LIGHTING, POLE, MEDIAN
△	APOB	POINT OF BEGINNING	⊕	IEZR	E-ZPASS READER	⊕	IEZTR	TRANSMITTAL READER	⊕	MHBCP	HISTORICAL, BLDG. CORNERS	⊕	SRSN3	SHLD, NATIONAL, 3 DIG.	⊕	ULPP	LIGHTING, POLE, PED.
○	APOC	POINT OF CURVATURE	⊕	IEZTR	TRANSMITTAL READER	⊕	IFUSSPL	FUSION SPLICE	⊕	MHBP	HIGHWAY BNDRY, PT.	⊕	SRSS2	SHLD, STATE, 2 DIG.	⊕	UMFC	MISC. FILLER CAP
△	APOE	POINT OF END	⊕	IFOXCAB	FIBER OPTIC X-CONNECT CABINET	⊕	IHARADV	HAR ADVISORY SIGN	⊕	MJCP	PT., JURIS. CITY	⊕	SRSS3	SHLD, STATE, 3 DIG.	⊕	UOLM	OIL, LINE MARKER
○	APOL	POINT ON LINE	⊕	IHARST	HAR SITE	⊕	ILC	LOAD CENTER	⊕	MPBC	PT., BUILDING CORNER	TRAFFIC CONTROL			○	UP	POLE, WITH UTILITY
○	APOS	POINT ON SPIRAL	⊕	IMECSPL	MECHANICAL SPLICE	⊕	IMSCS	PORT. SPEED & COUNT SENSOR	⊕	MPC	PT., CROSS CUT				⊕	UPD	POLE, DEAD (NO UTILITY)
○	APOT	POINT ON TANGENT	⊕	IMT	MICROWAVE TRANSCEIVER	⊕	IMSCS	PORT. SPEED & COUNT SENSOR	⊕	MPC	PT., CROSS CUT	⊕	UPL	POLE, WITH LIGHT			
△	APOVC	POINT ON VERTICAL CURVE	⊕	IPASCS	PORT. ACCOU. SPD & CNT. SENSOR	⊕	IMT	MICROWAVE TRANSCEIVER	⊕	MPDH	PT., DRILL HOLE	⊕	USMH	SANITARY SEWER MANHOLE			
△	APOVT	POINT ON VERTICAL TANGENT	⊕	IPEDS	PEDESTRIAN SIGNAL HEAD	⊕	IPSS	PAVEMENT SURFACE SENSOR	⊕	MPF	PT., FENCE LOCATION	⊕	UTB	TELEPHONE, BOOTH			
Y	APORC	POINT ON REVERSE CURVE	⊕	IPSS	PAVEMENT SURFACE SENSOR	⊕	IPVM	PERM. VMS	⊕	MPIP	PT., IRON PIPE	⊕	UTLM	TELEPHONE, LINE MARKER			
⊙	APT	POINT OF TANGENCY	⊕	IPVM	PERM. VMS	⊕	IRWIS	RDWY WEATHER INFO. SENSOR	⊕	MPIR	PT., IRON ROD	⊕	UTMH	TELEPHONE, MANHOLE			
⊙	APVC	POINT OF VERTICAL CURVATURE	⊕	IRWIS	RDWY WEATHER INFO. SENSOR	⊕	ISP	SOLAR PANEL	⊕	MPM	PT., MONUMENT	⊕	UTVLM	CABLE TV, LINE MARKER			
△	APVCC	POINT OF VERT. CMPND CURVE	⊕	ISST	SPREAD SPECT. TRANSCEIVER	⊕	ITDB	TELEPHONE DEMARCATION BLK	⊕	MPMM	PT., MONUMENT, MISC.	⊕	UTVPB	CABLE TV, PULL BOX			
△	APVI	POINT OF VERT. INTERSECTION	⊕	ITDB	TELEPHONE DEMARCATION BLK	⊕	ITP	SUBSURFACE TEMP. PROBE	⊕	MPN	PT., NAIL	TRAFFIC WORK ZONE			⊕	UUB	UNKNOWN, BOX
△	APVRC	POINT OF VERT. REVERSE CURVE	⊕	IVTRT	VEHICLE TO RDWY TRANSCEIVER	⊕	IWVR	WIRELESS VIDEO REPEATER	⊕	MPS	PT., SPIKE				⊕	UUB	UNKNOWN, BOX
⊙	APVT	POINT OF VERTICAL TANGENCY	⊕	IWVR	WIRELESS VIDEO REPEATER	⊕	IWVRC	WIRELESS VIDEO RECEIVER	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
⊙	ASC	SPIRAL TO CURVE	⊕	IWVRC	WIRELESS VIDEO RECEIVER	⊕	IWVTT	WIRELESS VIDEO TRANSMITTER	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
△	ASPI	SPIRAL POINT OF INTERSECTION	⊕	IWVTT	WIRELESS VIDEO TRANSMITTER	⊕	IPEDS	PEDESTRIAN SIGNAL HEAD	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
○	ASTS	SPIRAL TO SPIRAL	⊕	IPEDS	PEDESTRIAN SIGNAL HEAD	⊕	IPSS	PAVEMENT SURFACE SENSOR	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
⊗	AST	SPIRAL TO TANGENT	⊕	IPSS	PAVEMENT SURFACE SENSOR	⊕	IPVM	PERM. VMS	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
⊗	ATS	TANGENT TO SPIRAL	⊕	IPVM	PERM. VMS	⊕	IRWIS	RDWY WEATHER INFO. SENSOR	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
△	AVEVT	VERTICAL EVENT POINT	⊕	IRWIS	RDWY WEATHER INFO. SENSOR	⊕	ISP	SOLAR PANEL	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
○	AVHIGH	VERTICAL HIGH POINT	⊕	ISP	SOLAR PANEL	⊕	ITDB	TELEPHONE DEMARCATION BLK	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
○	AVLOW	VERTICAL LOW POINT	⊕	ITDB	TELEPHONE DEMARCATION BLK	⊕	ITP	SUBSURFACE TEMP. PROBE	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
BRIDGE			⊕	IVTRT	VEHICLE TO RDWY TRANSCEIVER	⊕	IWVR	WIRELESS VIDEO REPEATER	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
⊕	BSC	BRIDGE, SCUPPER	⊕	IWVRC	WIRELESS VIDEO RECEIVER	⊕	IWVTT	WIRELESS VIDEO TRANSMITTER	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
CONTROL			⊕	IWVTT	WIRELESS VIDEO TRANSMITTER	⊕	IPEDS	PEDESTRIAN SIGNAL HEAD	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
△	CBP	BASELINE, POINT	⊕	IPEDS	PEDESTRIAN SIGNAL HEAD	⊕	IPSS	PAVEMENT SURFACE SENSOR	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
○	CBPOL	BASELINE, POINT ON LINE	⊕	IPSS	PAVEMENT SURFACE SENSOR	⊕	IPVM	PERM. VMS	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
⊗	CBSP	BASELINE, SPUR POINT	⊕	IPVM	PERM. VMS	⊕	IRWIS	RDWY WEATHER INFO. SENSOR	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
⊗	CBTP	BASELINE, TIE POINT	⊕	IRWIS	RDWY WEATHER INFO. SENSOR	⊕	ISP	SOLAR PANEL	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
⊕	CPBM	BENCHMARK	⊕	ISP	SOLAR PANEL	⊕	ITDB	TELEPHONE DEMARCATION BLK	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
⊕	CPH	POINT, HORIZ. PHOTOGRAMMETRY	⊕	ITDB	TELEPHONE DEMARCATION BLK	⊕	ITP	SUBSURFACE TEMP. PROBE	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
⊕	CPSM	POINT, SURVEY MARKER, PERM.	⊕	ITP	SUBSURFACE TEMP. PROBE	⊕	IWVR	WIRELESS VIDEO REPEATER	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			
⊕	CPSV	POINT, VERT., PHOTOGRAMMETRY	⊕	IWVR	WIRELESS VIDEO REPEATER	⊕	IWVRC	WIRELESS VIDEO RECEIVER	⊕	MPS	PT., SPIKE	⊕	UUB	UNKNOWN, BOX			

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 (0.40 mm 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.

MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8	PIN 5811.44 NY 198 PS&E DATE 5/2011 UTILITY QUALITY LEVEL D	BRIDGES BIN 1001590 BIN 1040000	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D261773
COUNTY: ERIE	DOCUMENT NAME: 581144.CPB.LEG.002.DGN	LEGEND - POINT SYMBOLOGY		DRAWING NO. L-2 SHEET NO. 5	
NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 05					

GENERAL NOTES

- 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.
- DESIGN SPECIFICATIONS: NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES WITH ALL PROVISIONS IN EFFECT AS OF AUGUST 2011. (FOR DESIGN PURPOSES, COMPRESSIVE STRENGTH OF CONCRETE FOR SUBSTRUCTURES AND DECK SLABS AT 28 DAYS: $f_c = 3000$ PSI).
- ALL SHOP DRAWINGS SUBMITTED FOR THIS PROJECT SHALL BE IN US CUSTOMARY UNITS.
- THE BRIDGES, INCLUDING EXISTING ELEMENTS AND THOSE REPAIRED OR REPLACED UNDER THIS CONTRACT, SHALL BE MAINTAINED IN ACCORDANCE WITH THE GUIDELINES CONTAINED IN THE CURRENT EDITION OF THE AASHTO MAINTENANCE MANUAL: THE MAINTENANCE AND MANAGEMENT OF ROADWAYS AND BRIDGES.
- THE DEGREE OF ACCURACY OF UTILITY LOCATIONS AND INFORMATION SHOWN IN THESE CONTRACT PLANS ARE AS DEFINED BELOW:
 QUALITY LEVEL:
 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)
 B - SUBSURFACE GEOPHYSICAL LOCATING TECHNIQUES, (UNDERGROUND CAMERAS, RADAR, SONAR, TONE OUTS, ETC.) AND EXISTING RECORD PLANS HAVE BEEN USED TO LOCATE UTILITIES. NO EXCAVATIONS WERE PERFORMED. (SHOWN AS QLB)
 C - RECORD INFORMATION PROVIDED BY UTILITY OWNERS WAS PLOTTED ON THE CONTRACT PLANS, DEPTHS WERE NOT FIELD VERIFIED. PHYSICAL SURFACE FEATURES SUCH AS MANHOLES, VALVE BOXES AND HYDRANTS HAVE BEEN FIELD LOCATED. (SHOWN AS QLC)
 D - EXISTING NYS DOT AND UTILITY COMPANY RECORDS WERE USED TO LOCATE SUBSURFACE UTILITIES. (SHOWN AS QLD)
 THE DEGREE OF ACCURACY, REGARDING UTILITY FACILITIES ILLUSTRATED HEREIN, IS DESIGNATED QUALITY LEVEL "D".
- DETAILS ON THE DRAWINGS LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS FOR WHICH NO SCALE IS SHOWN ARE DRAWN PROPORTIONAL AND ARE FULLY DIMENSIONED.

WORKER PROTECTION FROM HISTOPLASMOSES

- WHEN PERFORMING THE WORK SPECIFIED, WORKERS SHALL TAKE PERSONAL SAFETY MEASURES, SUCH AS WEARING PROTECTIVE CLOTHING AND BREATHING PROTECTION. WORKERS ENGAGED IN CLEANING, OR ANY OTHER ACTIVITY WHICH INVOLVES EXPOSURE TO PIGEON DROPPINGS, SHALL OBSERVE A HIGH DEGREE OF PERSONAL HYGIENE, EVEN IF THE EXPOSURE IS CASUAL. SPECIAL CARE MUST BE TAKEN TO WASH HANDS THOROUGHLY BEFORE EATING OR SMOKING.
- BREATHING PROTECTION: WHEN WORKING WITH ACCUMULATED BIRD DROPPINGS, WORKERS SHALL WEAR A NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH) APPROVED FULL FACE RESPIRATOR WITH HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTERS CAPABLE OF EXCLUDING PARTICLES OF 0.3 MICRON SIZE OR A SUPPLIED AIR RESPIRATOR WITH FULL FACE PIECE. DUST AND PARTICLE MASKS SHALL NOT BE ALLOWED. REFER TO NIOSH PUBLICATION NO. 2005-109: "HISTOPLASMOSES-PROTECTING WORKERS AT RISK" FOR MORE INFORMATION.
- PROTECTIVE CLOTHING: DISPOSABLE PROTECTIVE CLOTHING AND SHOE COVERINGS SHALL BE WORN WHENEVER REGULAR WORK CLOTHING AND SHOES HAVE THE POTENTIAL TO BE CONTAMINATED WITH DUST CONTAINING H. CAPSULATUM SPORES. WHEN SPORE-CONTAMINATED MATERIAL IS LIKELY TO FALL FROM OVERHEAD, AS DETERMINED BY THE ENGINEER, WORKERS SHALL WEAR DISPOSABLE PROTECTIVE CLOTHING WITH HOODS. WORKERS SHALL WEAR DISPOSABLE SHOE COVERINGS WITH RIDGED SOLES MADE OF SLIP-RESISTANT MATERIAL. AFTER WORKING IN A SPORE-CONTAMINATED AREA AND BEFORE REMOVING RESPIRATORS, WORKERS SHALL REMOVE ALL PROTECTIVE CLOTHING AND SHOE COVERINGS AND SEAL THEM IN HEAVY-DUTY PLASTIC BAGS TO BE DISPOSED OF IN AN APPROVED LANDFILL.

RECONSTRUCTION NOTES

- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT, DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.
- RECORD PLANS FOR ALL OF THE STRUCTURES ARE AVAILABLE AT THE REGIONAL OFFICE OF THE DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE 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 MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THOSE ITEMS.
- WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND STORED, THE COST OF SUPPLYING A STORAGE AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THOSE ITEMS.
- DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT BE ALLOWED TO DROP WASTE CONCRETE, DEBRIS AND OTHER MATERIAL TO THE AREA BELOW THE BRIDGE EXCEPT WHERE THE PLANS SPECIFICALLY PERMIT THE DROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF THE ENGINEER DETERMINES THAT ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED.
- ALL MATERIAL FALLING ON THE AREA BELOW AND ADJACENT TO THE BRIDGE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO COST TO THE STATE.
- THE COST OF FURNISHING, INSTALLING, MAINTAINING, REMOVING AND DISPOSING OF ALL PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE APPROPRIATE ITEMS OF THE CONTRACT.
- TURF ESTABLISHMENT FOR DISTURBED AREAS FROM ANY OF THE CONTRACTOR'S OPERATIONS WILL NOT BE PAID FOR AS A SEPARATE PAYMENT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICES BID FOR THE VARIOUS ITEMS IN THE CONTRACT. REFER TO SECTION 107-08 A. OF THE STANDARD SPECIFICATIONS, RESTORATION OF DISTURBED AREAS WITHIN THE RIGHT-OF-WAY.
- THE CONTRACTOR SHALL CONTACT THE E.I.C. IF BIRD NESTING ACTIVITIES ARE OBSERVED DURING CONSTRUCTION. REFER TO THE NOTES REGARDING MIGRATORY BIRD PROTECTION AND AVOIDANCE ON THIS SHEET.

INVASIVE SPECIES MANAGEMENT AT CONTRACTOR STAGING AREA

THE CONTRACTOR SHALL TAKE ALL PRUDENT AND REASONABLE EFFORTS TO SELECT STAGING AREAS FREE FROM THE INFESTATION OF THE FOLLOWING INVASIVE PLANT SPECIES: PHRAGMITES (PHRAGMITES AUSTRALIS), JAPANESE KNOTWEED (POLYGONUM CUSPIDATUM), PURPLE LOOSESTRIFE (LYTHRUM SALICARIA) AND GIANT HOGWEED (HERACLEUM MANTEGAZZIANUM). IF INVASIVE PLANT SPECIES ARE IN CLOSE PROXIMITY TO STAGING OPERATIONS, THE CONTRACTOR SHOULD TAKE THE NECESSARY STEPS TO ASSURE THAT NO INVASIVE SPECIES PLANT PARTS COME IN CONTACT WITH CONSTRUCTION VEHICLES, EQUIPMENT AND MATERIALS. IF CONTACT IS UNAVOIDABLE, AS PER SECTION 107-01A INVASIVE SPECIES, THE CONTRACTOR IS RESPONSIBLE FOR CLEANING THE INFECTED EQUIPMENT TO REMOVE ALL INVASIVE PLANT PARTS PRIOR TO THAT EQUIPMENT LEAVING THE STAGING AREA. THIS PROCEDURE IS REQUIRED IN ORDER TO MINIMIZE THE POSSIBILITY OF TRANSPORTING THE INVASIVE PLANT SPECIES OFF THE IMMEDIATE STAGING AREA AND ONTO STATE HIGHWAYS OR THE PROJECT SITE.

STONE MASONRY

- ALL MASONRY WORK SHALL BE PERFORMED BY SKILLED MASONS WITH A MINIMUM OF FOUR YEARS EXPERIENCE OF CONSTRUCTING MASONRY STRUCTURES. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH SPECIFIC DOCUMENTATION OF EACH MASON'S EXPERIENCE.
- REMOVAL AND DISPOSAL, AND REMOVAL AND STORAGE OF EXISTING STONE MASONRY, WILL BE PAID FOR UNDER ITEM 560.10040010, REMOVAL OF STONE MASONRY.
- EXISTING STONES STORED FOR REUSE SHALL BE REINSTALLED UNDER ITEM 560.13030010, INSTALL STORED STONE MASONRY.
- NEW STONE MASONRY SHALL BE INSTALLED WHERE EXISTING STONE MASONRY HAS BEEN DETERMINED BY THE ENGINEER TO BE UNSATISFACTORY FOR REUSE. ITEM 560.05, RUBBLE STONE MASONRY, WILL BE USED TO PAY FOR NEW WALL STONES. ITEM 560.01, DIMENSION STONE MASONRY, WILL BE USED TO PAY FOR NEW COPING STONES.
 - IT IS ASSUMED APPROXIMATELY 5 PERCENT (OR 173 CUBIC FEET) OF THE EXISTING RUBBLE STONE MASONRY VENEER WILL NOT BE SUITABLE FOR REUSE AND WILL BE REPLACED WITH NEW STONES (ITEM 560.05).
 - IT IS ASSUMED APPROXIMATELY 5 PERCENT (OR 21 SQUARE FEET) OF THE EXISTING COPING STONES ON TOP OF THE WALLS WILL NOT BE SUITABLE FOR REUSE AND WILL BE REPLACED WITH NEW COPING STONES (ITEM 560.01).
- NEW WALL STONES SHALL BE QUARRY FACED RUBBLE, LOCAL STONE, AND NEW COPING STONES SHALL BE LIMESTONE OF A QUALITY ACCEPTABLE TO THE ENGINEER. NEW STONE MASONRY SHALL MATCH OR REPLICATE THE EXISTING STONE MASONRY AS CLOSELY AS POSSIBLE IN KIND, SIZES, QUALITY, TEXTURE AND FINISH. NEW STONES SHALL MATCH THE RANGE OF COLORS EXHIBITED BY THE EXISTING STONE.
- THE CONTRACTOR SHALL SUBMIT SAMPLES OF THE NEW STONE MASONRY TO THE ENGINEER FOR APPROVAL. THE SIZE, COLOR AND QUALITY OF THE STONE DELIVERED TO THE SITE SHALL BE SUBSTANTIALLY IN ACCORDANCE WITH THE APPROVED SAMPLES. THE DRAWINGS DESCRIBED IN SECTION 560-3.02F OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED FOR ITEM 560.01, DIMENSION STONE MASONRY.
- STONE MASONRY JOINT THICKNESS SHALL MATCH ORIGINAL JOINT THICKNESS, AND AS ORDERED BY THE ENGINEER.
- THE COLOR OF MORTAR SHALL MATCH THE EXISTING AS CLOSELY AS POSSIBLE.
- STONE ANCHORS AND CONCRETE SCREWS SHALL BE STAINLESS STEEL.
- DAMAGE TO MATERIAL NOT DESIGNATED TO BE REMOVED OR DESIGNATED FOR REINSTALLATION, CAUSED BY THE CONTRACTOR'S OPERATIONS, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST TO THE STATE.

MIGRATORY BIRD PROTECTION AND AVOIDANCE


- UNDER THE MIGRATORY BIRD TREATY ACT, (MBTA) IT IS UNLAWFUL BY ANY MEANS OR MANNER, TO INTENTIONALLY OR UNINTENTIONALLY TAKE, CAPTURE OR KILL ANY MIGRATORY BIRD, UNLESS A PERMIT IS FIRST SECURED.
- PROTECTED MIGRATORY BIRDS INCLUDE ALL WATERFOWL, HERONS, HAWKS, OWLS, EAGLES AND SONGBIRDS, INCLUDING SWALLOWS AND EASTERN PHOEBES. THEIR FEATHERS, NESTS, AND EGGS ARE ALSO PROTECTED UNDER THE MBTA.
- EXEMPT, OR NOT AFFORDED PROTECTION UNDER THE MBTA, ARE ROCK DOVES (AKA DOMESTIC PIGEONS), HOUSE SPARROWS (AKA ENGLISH SPARROWS), EUROPEAN STARLINGS, AND MONK PARAKEETS. ALTHOUGH THESE SPECIES ARE NOT PROTECTED UNDER THE ACT, THEY SHOULD STILL BE TREATED AS HUMANELY AS POSSIBLE AND, IF PRACTICABLE, THE REMOVAL OF THE YOUNG FROM THE NEST TO BE RAISED BY A WILDLIFE REHABILITATOR SHOULD BE CONSIDERED.
- BRIDGES SCHEDULED FOR CLEANING OR REPAIR SHOULD BE INSPECTED FOR BIRD NESTING ACTIVITY PRIOR TO COMMENCING ANY MAINTENANCE ACTIVITY. IDEALLY THIS WOULD INVOLVE A SCREENING OF ALL POTENTIAL BRIDGE LOCATIONS FOR BIRD ACTIVITY AND NESTS BEFORE THE CONTRACT BEGINS.
- BRIDGE LOCATIONS THAT ARE IDENTIFIED AS CONTAINING OR HARBORING ACTIVE MIGRATORY BIRD NESTS MUST BE EVALUATED FOR POTENTIAL IMPACTS OR ILLEGAL TAKING OF MIGRATORY BIRDS, NESTS OR EGGS. IF A NEST (OR NESTS) IS IDENTIFIED ON A BRIDGE BETWEEN APRIL 15 AND AUGUST 15 (POTENTIAL BREEDING SEASON), IT SHOULD BE OBSERVED FOR A PERIOD OF SEVERAL HOURS TO DETERMINE IF IT IS ACTIVE OR NOT. AN ACTIVE NEST DURING THE BREEDING SEASON IS INDICATED BY ADULT BIRDS CONSTRUCTING THE NEST, BIRDS COMING AND GOING FROM THE NEST, SOUNDS OF YOUNG IN THE NEST, OR BIRD SPECIES MATCHING THE BIRD NEST TYPE FLYING IN THE VICINITY OF THE NESTS. IF NONE OF THESE ACTIVITIES ARE OBSERVED, THEN THE NEST CAN BE ASSUMED INACTIVE AND CAN BE REMOVED AND MAINTENANCE ACTIVITIES CAN BEGIN.
- IF THE NEST(S) IS DETERMINED TO BE ACTIVE, AVOID DISTURBING, DAMAGING OR REMOVING THE NEST UNTIL THE YOUNG ARE FLEDGED (LEAVE THE NEST). AFTER FLEDGLING OCCURS, THE NESTS CAN BE REMOVED AND WASHING CAN BEGIN. THIS SHOULD BE DONE AS QUICKLY AS POSSIBLE TO PREVENT BIRDS BEGINNING A SECOND NEST BROOD AT THE SAME LOCATION. AT NO TIME SHOULD LARGE NESTS OF HAWKS, FALCONS OR EAGLES BE DESTROYED, AS THESE SPECIES RETURN TO THE SAME NEST SITE YEAR AFTER YEAR AND REUSE THE SAME NEST.
- IF THERE ARE ANY QUESTIONS REGARDING HOW TO PROCEED WITH NESTING MIGRATORY BIRDS, IMMEDIATELY CONTACT THE EIC. THE EIC WILL ALERT THE CONSTRUCTION ENVIRONMENTAL COORDINATOR. UNDER NO CIRCUMSTANCE SHOULD AN ACTIVE NEST OR MIGRATORY BIRD BE REMOVED, HARMED OR KILLED WITHOUT A FEDERAL PERMIT.


MAINTENANCE JURISDICTION NOTES

- AFTER ACCEPTANCE OF THIS CONTRACT, THE FOLLOWING AGENCIES WILL RESUME MAINTENANCE OF THE FOLLOWING FEATURES:
- BINS 1001590 & 1040000 ARE OWNED AND WILL BE MAINTAINED BY THE NYS DOT EXCEPT FOR PAVEMENT, CURBS, SIDEWALKS, AND SNOW & ICE CONTROL WHICH ARE THE RESPONSIBILITY OF THE CITY OF BUFFALO (HIGHWAY LAW SECTION 349-c & SECTION 10, SUBDIVISION 25 AND CHIEF ENGINEER'S GENERAL LETTER 57-34, DATED JULY 8, 1957).
 - NY ROUTE 198 IS OWNED AND WILL BE MAINTAINED BY THE NYS DOT INCLUDING SNOW & ICE CONTROL (HIGHWAY LAW SECTION 340-d).

BIN PLATE NOTE

IF A STRUCTURE HAS A BRIDGE IDENTIFICATION NUMBER (B.I.N.) PLATE ATTACHED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT IT DURING CONSTRUCTION OR REMOVE AND REMOUNT IT AFTER CONSTRUCTION IS COMPLETED.

PREPARED BY: ON:	ALTERED BY: ON:
	
SIGNATURE	DATE

AS BUILT REVISIONS DESCRIPTION OF WORK:	MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8	PIN 5811.44 NY 198 PS&E DATE 5/2011 UTILITY QUALITY LEVEL D	BRIDGES BIN 1001590 BIN 1040000	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D261773	
SIGNATURE	DATE	COUNTY: ERIE	GENERAL NOTES		DRAWING NO. GEN-1 SHEET NO. 6		

TIME, HOLIDAY, & EVENT WORK RESTRICTIONS

- NY 198 IS SUBJECT TO THE FOLLOWING TIME-RELATED WORK RESTRICTIONS:
 NO SHOULDER, LANE, OR RAMP CLOSURES WILL BE ALLOWED FROM 7:00 AM TO 9:00 AM, OR FROM 3:00 PM TO 7:00 PM, MONDAY TO FRIDAY.
- NY 198 IS ALSO SUBJECT TO THE FOLLOWING HOLIDAY WORK RESTRICTIONS:
 NO SHOULDER, LANE, OR RAMP CLOSURES WILL BE ALLOWED FROM NOON FRIDAY UNTIL 6:00 AM TUESDAY, ON THE FOLLOWING OBSERVED HOLIDAY WEEKEND:
 - VICTORIA DAY (MAY 20, 2011 TO MAY 24, 2011 AND MAY 18, 2012 TO MAY 22, 2012)
 - MEMORIAL DAY (MAY 27, 2011 TO MAY 31, 2011 AND MAY 25, 2012 TO MAY 29, 2012)
 - CANADA DAY (JULY 1, 2011 TO JULY 5, 2011 AND JUNE 29, 2012 TO JULY 3, 2012)
 - INDEPENDENCE DAY (JULY 1, 2011 TO JULY 5, 2011)
 - LABOR DAY (SEPTEMBER 2, 2011 TO SEPTEMBER 6, 2011 AND AUGUST 31, 2012 TO SEPTEMBER 4, 2012)
 NO SHOULDER, LANE, OR RAMP CLOSURES WILL BE ALLOWED FROM NOON THE DAY BEFORE UNTIL NOON THE DAY AFTER, ON THE FOLLOWING WEEKDAY HOLIDAYS:
 - INDEPENDENCE DAY (JULY 3, 2012 TO JULY 5, 2012)
 - THANKSGIVING DAY (NOVEMBER 23, 2011 TO NOVEMBER 25, 2011)
 - CHRISTMAS DAY (DECEMBER 23, 2011 TO DECEMBER 27, 2011)
- TIME, HOLIDAY, & EVENT RESTRICTIONS INCLUDE THE SET-UP AND TAKE-DOWN OF WORK ZONES. RAMPS SHALL BE FULLY RE-OPENED TO TRAFFIC AND DETOUR SIGNS COVERED DURING THE WORK RESTRICTED TIME PERIODS.
- SPECIFIC VARIANCES TO WORK RESTRICTIONS WILL BE CONSIDERED ON A CASE-BY-CASE BASIS AND ONLY WITH APPROVAL OF THE SURFACE TRANSPORTATION CONTROLLER (STC). E-MAIL THE STC AT RO5-STC @ DOT.STATE.NY.US FOR PRIOR APPROVAL. E-MAIL SHALL CONTAIN DATE(S), TIME, ROUTE, LANE(S) DURATION, REASON FOR WAIVER AND ANY OTHER RELEVANT INFORMATION/JUSTIFICATION THAT WILL ASSIST IN MAKING A DETERMINATION.

WORK ZONE TRAFFIC CONTROL NOTES

- WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 619 - WORK ZONE TRAFFIC CONTROL OF THE STANDARD SPECIFICATIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) FOR STREETS AND HIGHWAYS - 2009 EDITION, ALONG WITH THE NEW YORK STATE SUPPLEMENT TO THE M.U.T.C.D. AND ANY REVISIONS TO THESE DOCUMENTS. ALSO, REFER TO SECTION 619 - STANDARD SHEETS.
- SPECIAL ATTENTION SHALL BE GIVEN BY THE CONTRACTOR TO THE MAINTENANCE OF A SATISFACTORY TRAVELED WAY DURING THE WINTER SHUTDOWN OF THIS PROJECT IN COMPLIANCE WITH THE REQUIREMENTS OF SECTION 619 OF THE STANDARD SPECIFICATIONS. WINTER SHUTDOWN FOR THIS PROJECT IS THE PERIOD BETWEEN DECEMBER 1ST AND MARCH 31ST. LANE CLOSURES LASTING LESS THAN 12 HOURS WILL BE PERMITTED DURING THE WINTER SHUTDOWN PERIOD. HOWEVER, THE CONTRACTOR WILL BE REQUIRED TO REMOVE ALL ICE AND SNOW FROM THE PAVEMENT WITHIN THE CLOSURE PRIOR TO THE REMOVAL OF ANY TRAFFIC CONTROL DEVICES AND REOPENING TO TRAFFIC. TIME & HOLIDAY WORK RESTRICTIONS ARE STILL IN EFFECT DURING THE WINTER SHUTDOWN PERIOD. TRAFFIC CONTROL OPERATIONS INVOLVING THE USE OF TEMPORARY CONCRETE BARRIER IN THE ROADWAY WILL NOT BE PERMITTED DURING THE WINTER SHUTDOWN PERIOD.
- THE NIAGARA TRANSPORTATION TECHNOLOGY COALITION (NITTEC), LOCAL SCHOOLS AND LOCAL EMERGENCY SERVICES SHALL BE PROVIDED A SCHEDULE OF PROPOSED RAMP CLOSURE AND DETOUR TIMES AT LEAST 7 DAYS PRIOR TO SUCH EVENTS.


WORK SEQUENCE FOR ABUTMENT REPAIRS AT BINS 1015190 AND 1040000


- SET-UP TRAFFIC CONTROL ON NY 198 EASTBOUND USING STANDARD SHEET 619-40 - "DOUBLE LANE CLOSURE EXPRESSWAY/FREEWAY" FOR LEFT TWO LANES CLOSURE.
- COVER THE EXISTING PAVEMENT MARKING STRIPES FOR THE LEFT LANE USING ITEM 619.0803 - COVER EXISTING PAVEMENT MARKING STRIPES (REMOVEABLE TAPE) AND RESTRIPE AS AN 11'-0" LANE SHIFTED 2'-0" TO THE LEFT USING ITEM 619.100103 - INTERIM PAVEMENT MARKING STRIPES (REMOVEABLE TAPE). REFER TO DWG. NO. TCP-4 AND SECTION 'C-C' ON DWG. NO. TCP-5 FOR PROPOSED TEMPORARY LANE SHIFTS.
- INSTALL TUBULAR MARKERS ALONG THE TOP OF THE LEFT CURB AS SHOWN ON DWG. NO. TCP-4 AND SECTION 'C-C' ON DWG. NO. TCP-5.
- SET-UP TRAFFIC CONTROL FOR EASTBOUND RIGHT LANE CLOSURE AS SHOWN ON DWG. NO. TCP-1.
- COVER THE EXISTING PAVEMENT MARKING STRIPE BETWEEN THE RIGHT AND CENTER LANES USING ITEM 619.0803 - COVER EXISTING PAVEMENT MARKING STRIPES (REMOVEABLE TAPE) AND RESTRIPE AS 11'-0" LANE SHIFTED 2'-0" TO THE LEFT USING ITEM 619.100103 - INTERIM PAVEMENT MARKING STRIPES (REMOVEABLE TAPE). REFER TO DWG. NO. TCP-4 AND SECTION 'C-C' ON DWG. NO. TCP-5 FOR PROPOSED TEMPORARY LANE SHIFTS.
- INSTALL TEMPORARY CONCRETE BARRIER AND SET-UP TRAFFIC CONTROL FOR EASTBOUND RIGHT SHOULDER CLOSURE AS SHOWN ON DWG. NO. TCP-4.
- REPEAT STEPS 1-6 FOR WESTBOUND NY 198, EXCEPT IN STEP 4 REFER TO DWG. NO.'S TCP-2 & TCP-3 INSTEAD OF TCP-1.
- PERFORM STONE MASONRY REPAIRS TO BRIDGE ABUTMENTS ON BIN'S 1001590 & 1040000 AS DETAILED ON DWG. NO.'S WD-1 & WD-2.
- REVERSE STEPS 1-7 TO REMOVE TEMPORARY CONCRETE BARRIER, TEMPORARY PAVEMENT MARKINGS, TUBULAR MARKERS, AND UNCOVER ORIGINAL PAVEMENT MARKINGS.

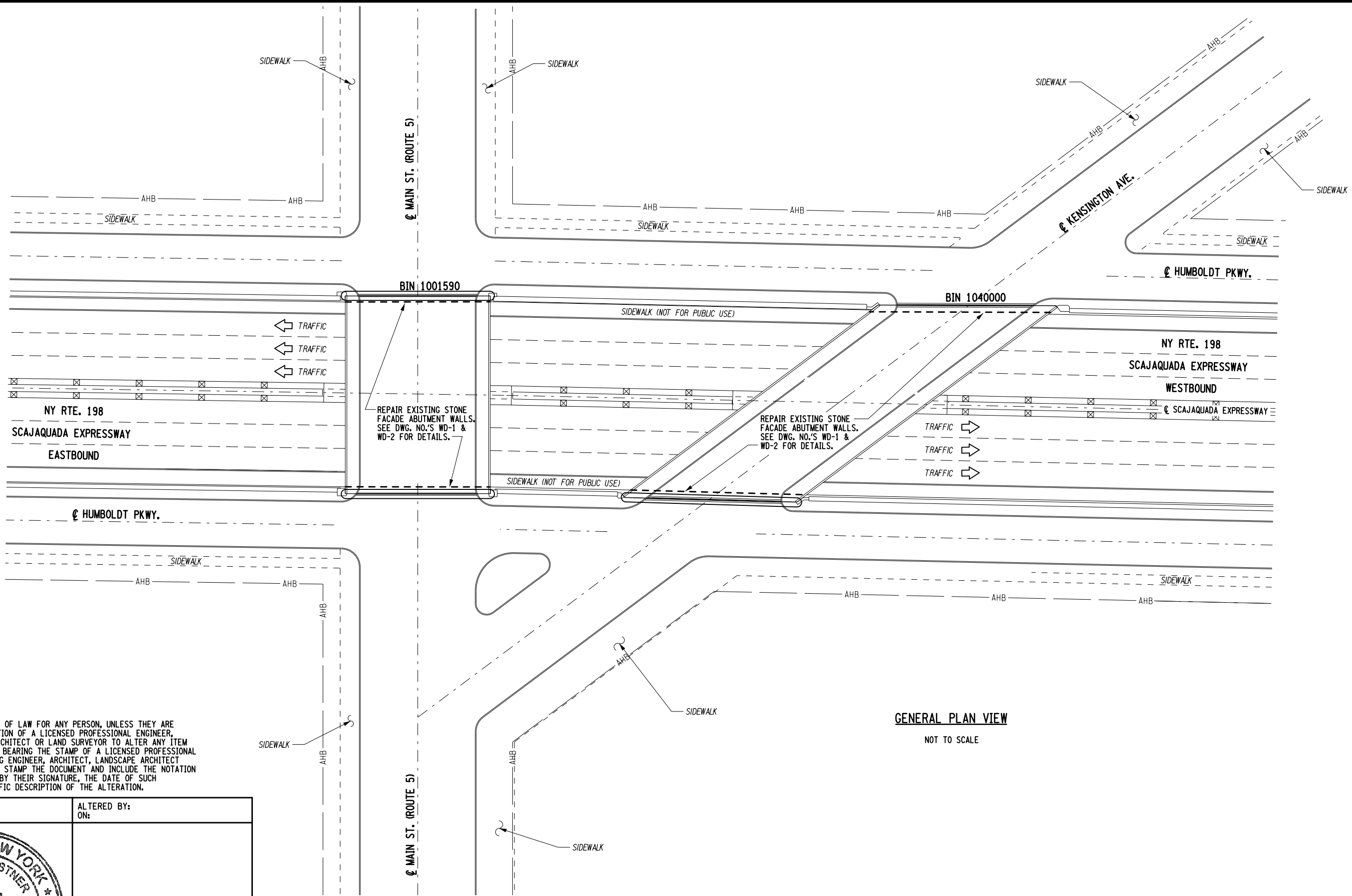
ITEM 619.0803 - COVER EXISTING PAVEMENT MARKINGS (REMOVEABLE TAPE)

WHEN THE CONTRACTOR REMOVES THE TRAFFIC MARKING MASKING TAPE (ITEM 619.0803), CARE SHALL BE TAKEN TO ENSURE THAT THE UNDERLYING PAVEMENT MARKING IS NOT DAMAGED. ANY DAMAGE THAT RESULTS FROM THE REMOVAL OF THE MASKING TAPE SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE STATE. REFER TO SECTION 619-3.05.B OF THE STANDARD SPECIFICATIONS FOR FURTHER INFORMATION.

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PREPARED BY: ON:	ALTERED BY: ON:
	
SIGNATURE	DATE

AS BUILT REVISIONS DESCRIPTION OF WORK:	MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8	PIN 5811.44 NY 198 PS&E DATE 5/2011 UTILITY QUALITY LEVEL D	BRIDGES BIN 1001590 BIN 1040000	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D261773	
					GENERAL NOTES	DRAWING NO. GEN-2 SHEET NO. 7	
DOCUMENT NAME: 581144_CPB_GEN_002.DGN		NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 05					



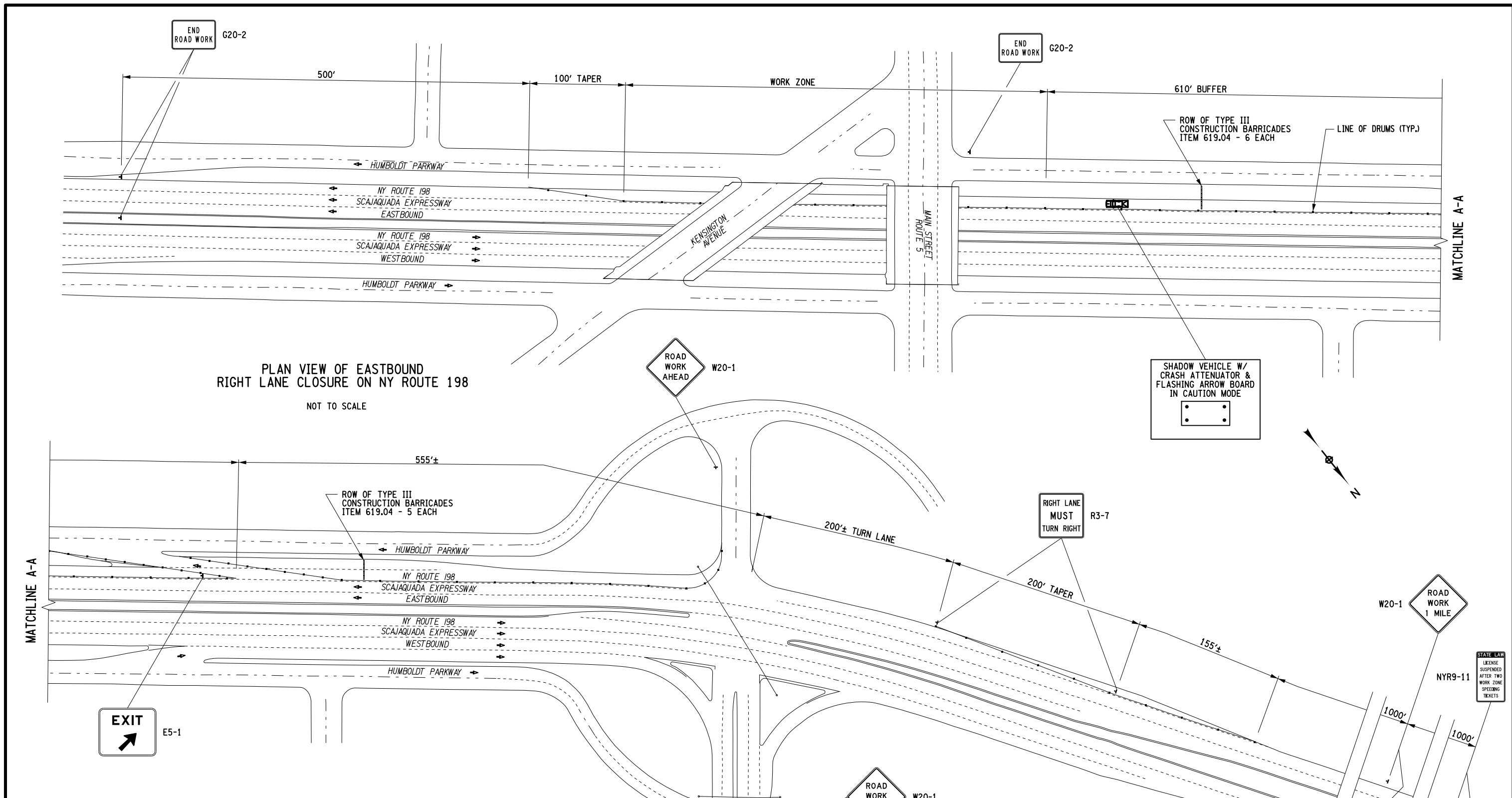
NOTE: IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, 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.

PREPARED BY: ON: _____
 ALTERED BY: ON: _____



AS BUILT REVISIONS DESCRIPTION OF WORK:	MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8	PIN 5811.44 NY 198	BRIDGES BIN 1001590 BIN 1040000	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D261773
	SIGNATURE _____	DATE _____	PS&E DATE 5/2011 UTILITY QUALITY LEVEL D		GENERAL PLAN	DRAWING NO. GP-1 SHEET NO. 8
DOCUMENT NAME: 581144_CPB_GEN_PLN.DGN		COUNTY: ERIE	NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 05			

FILE NAME = 5811.44.CPH.MPT.DTL_001.dgn
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 USER = dlaistner
 DESIGN SUPERVISOR N. DUENNEBACKE JOB MANAGER D. LAISTNER DESIGNED BY P.E. LEAVENS CHECKED BY B. WZONTEK ESTIMATED BY P.E. LEAVENS DRAFTED BY P.E. LEAVENS CHECKED BY P.E. LEAVENS



PLAN VIEW OF EASTBOUND
RIGHT LANE CLOSURE ON NY ROUTE 198
NOT TO SCALE

NOTE: 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 ANY 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.

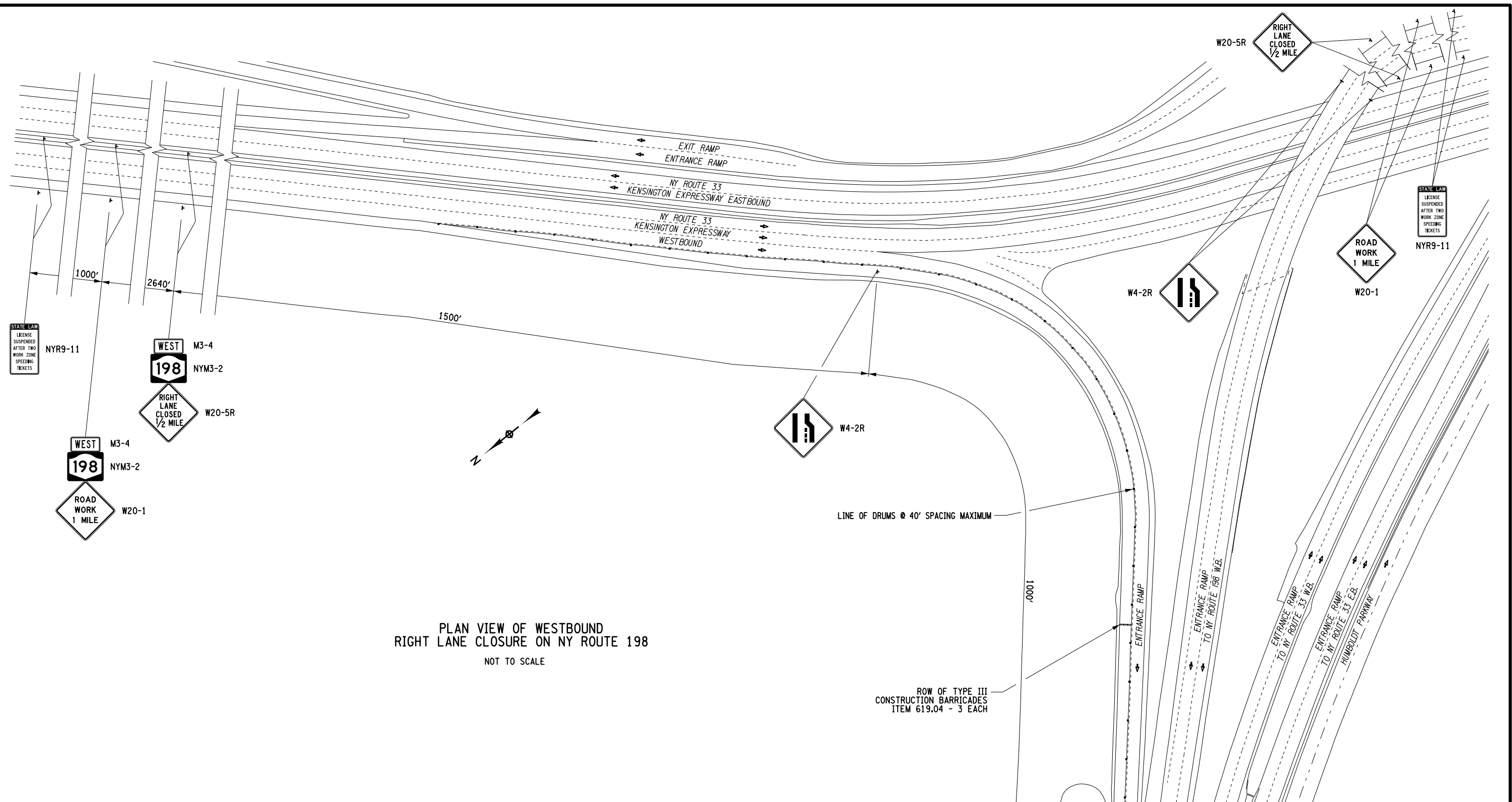
NOTE:
SPACING ON DRUMS SHALL BE 40' MAXIMUM, EXCEPT FOR DRUMS ON THE EXIT RAMP WHICH SHALL BE AT A 20' MAXIMUM SPACING.

PREPARED BY: ON:	ALTERED BY: ON:

AS BUILT REVISIONS DESCRIPTION OF WORK:	MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8	PIN 5811.44 NY 198 PS&E DATE 5/2011 UTILITY QUALITY LEVEL D	BRIDGES 1001590 1040000	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D261773
SIGNATURE	DATE	COUNTY: ERIE	TRAFFIC CONTROL PLAN BIN'S 1001590 & 1040000 NY ROUTE 198 EASTBOUND RIGHT LANE CLOSURE		DRAWING NO. TCP-1 SHEET NO. 9	NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 05

DOCUMENT NAME: 5811.44.CPH.MPT.DTL_001.dgn

FILE NAME = 5811.44.CPH.MPT.DTL_002.dgn
 DATE/TIME = 19-APR-2011 14:03
 USER = dclstner
 DESIGN SUPERVISOR N. DUJENEBACKE JOB MANAGER D. LAISTNER
 ESTIMATED BY P.E. LEAVENS CHECKED BY B. WZONTEK
 DRAFTED BY P.E. LEAVENS CHECKED BY B. WZONTEK



PLAN VIEW OF WESTBOUND
 RIGHT LANE CLOSURE ON NY ROUTE 198
 NOT TO SCALE

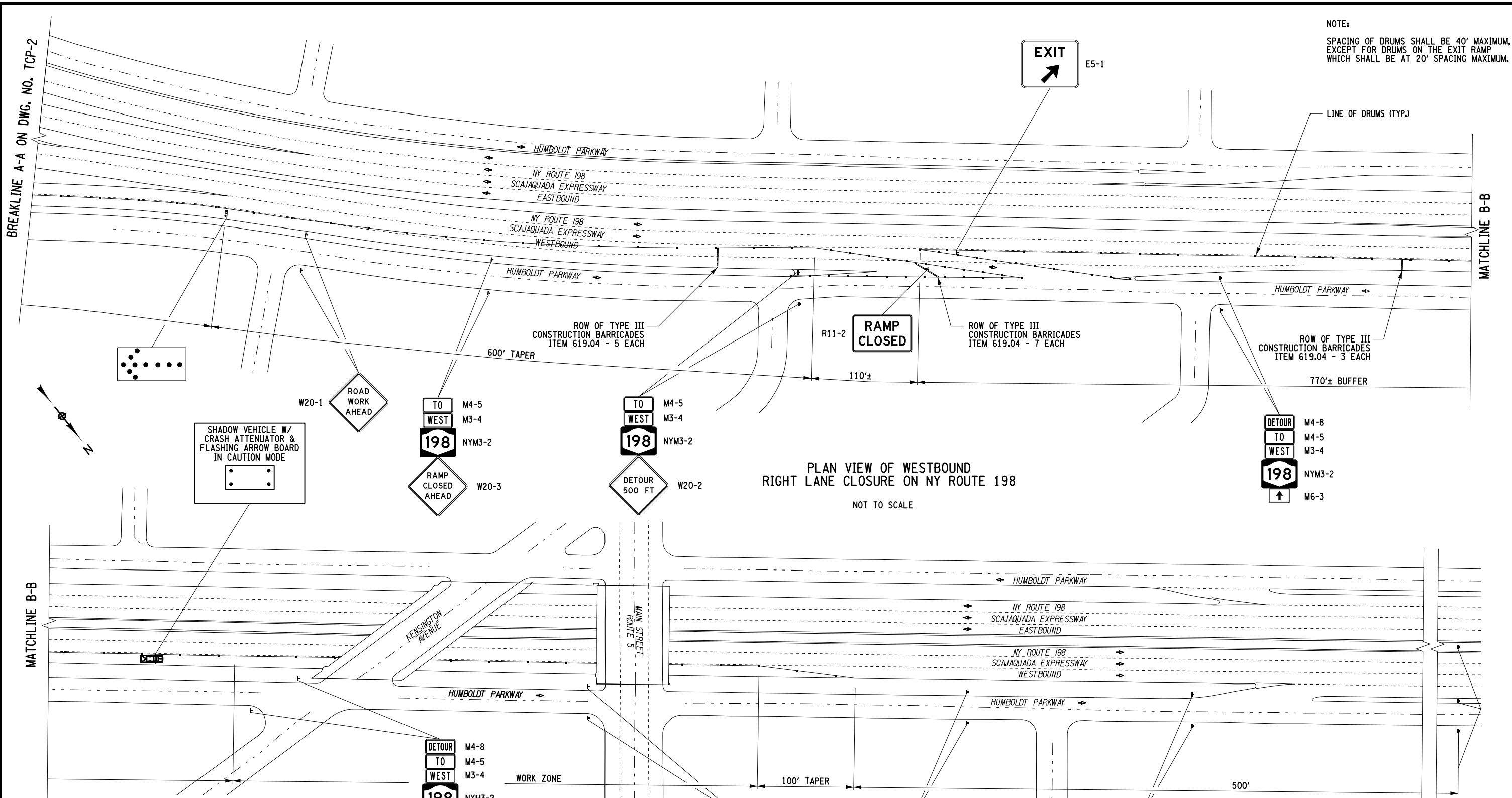
PREPARED BY: ON:	ALTERED BY: ON:

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AS BUILT REVISIONS DESCRIPTION OF WORK:	MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8	PIN 5811.44 NY 198 PS&E DATE 5/2011 UTILITY QUALITY LEVEL D	BRIDGES 1001590 1040000	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED TRAFFIC CONTROL PLAN BIN'S 1001590 & 1040000 NY ROUTE 198 WESTBOUND RIGHT LANE CLOSED	CONTRACT NUMBER D261773 DRAWING NO. TCP-2 SHEET NO. 10
SIGNATURE _____ DATE _____	COUNTY: ERIE	DOCUMENT NAME: 5811.44.CPH.MPT.DTL_002.dgn				

FILE NAME = 5811.44.CPH.MPT.DTL_003.dgn
 DATE/TIME = 19-APR-2011 14:03
 USER = dlaistner

DESIGN SUPERVISOR N. DUENNEBACKE JOB MANAGER D. LAISTNER DESIGNED BY P.E. LEAVENS CHECKED BY B. WZONTEK
 ESTIMATED BY P.E. LEAVENS CHECKED BY B. WZONTEK DRAFTED BY P.E. LEAVENS CHECKED BY B. WZONTEK



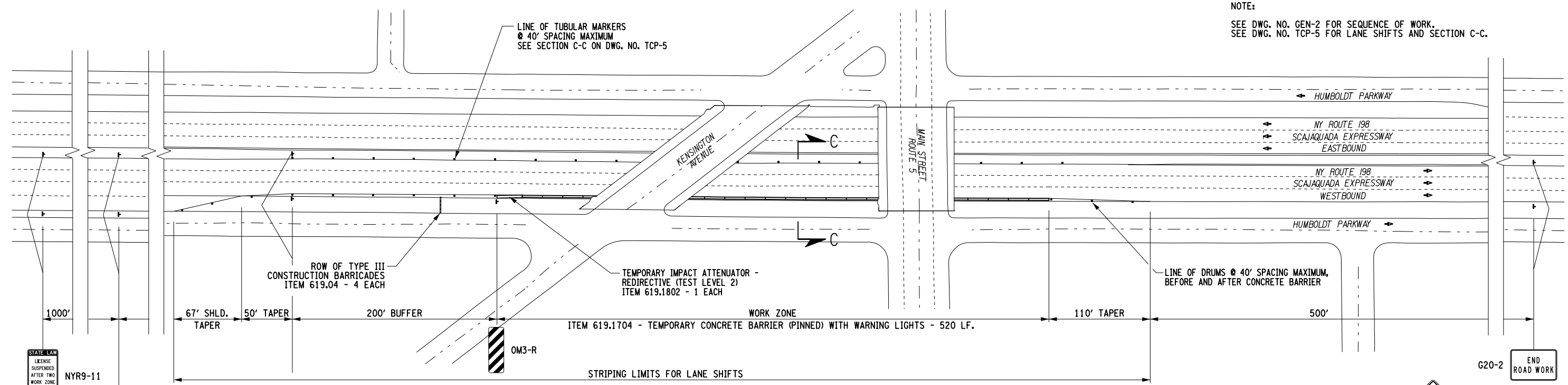
PREPARED BY: ON:	ALTERED BY: ON:

NOTE: 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 ANY 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.

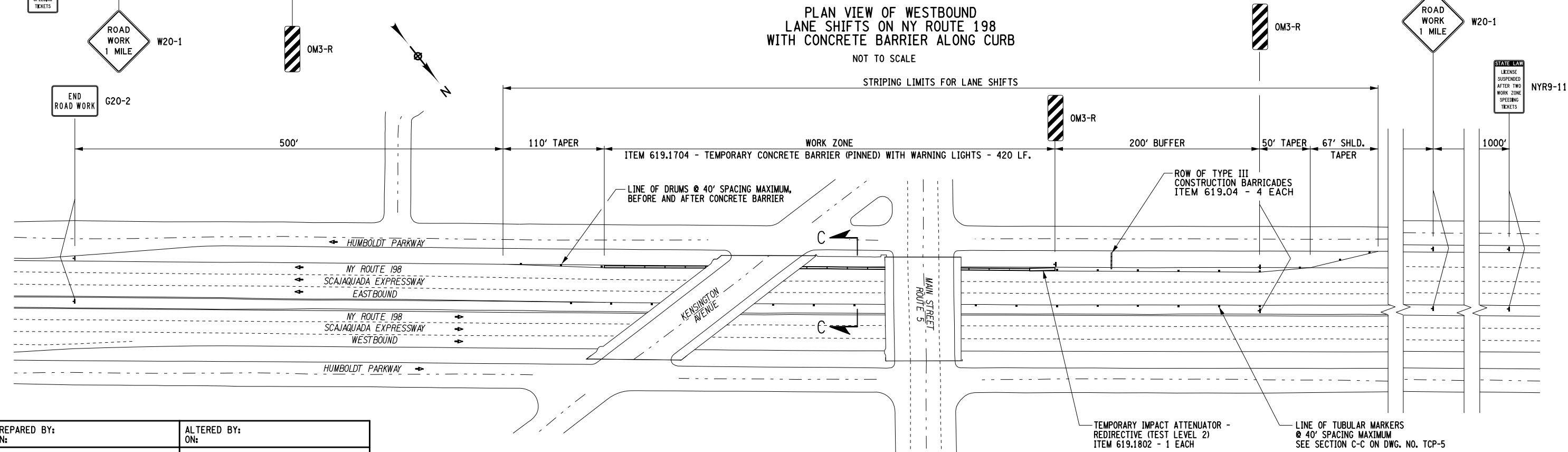
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SIGNATURE	DATE	COUNTY: ERIE	TRAFFIC CONTROL PLAN BIN'S 1001590 & 1040000 NY ROUTE 198 WESTBOUND RIGHT LANE CLOSED		DRAWING NO. TCP-3 SHEET NO. 11	
DOCUMENT NAME: 5811.44.CPH.MPT.DTL_003.dgn						NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 05

FILE NAME = 5811.44.CPH.MPT.DTL_004.dgn
 DATE/TIME = 19-APR-2011 14:03
 USER = dlaistner
 DESIGN SUPERVISOR N. DUENNEBACKE JOB MANAGER D. LAISTNER DESIGNED BY P.E. LEAVENS CHECKED BY B. WZONTEK
 ESTIMATED BY P.E. LEAVENS DRAFTED BY P.E. LEAVENS CHECKED BY B. WZONTEK

NOTE:
 SEE DWG. NO. GEN-2 FOR SEQUENCE OF WORK.
 SEE DWG. NO. TCP-5 FOR LANE SHIFTS AND SECTION C-C.



**PLAN VIEW OF WESTBOUND
 LANE SHIFTS ON NY ROUTE 198
 WITH CONCRETE BARRIER ALONG CURB**
 NOT TO SCALE



**PLAN VIEW OF EASTBOUND
 LANE SHIFTS ON NY ROUTE 198
 WITH CONCRETE BARRIER ALONG CURB**
 NOT TO SCALE

NOTE: 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 ANY 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.

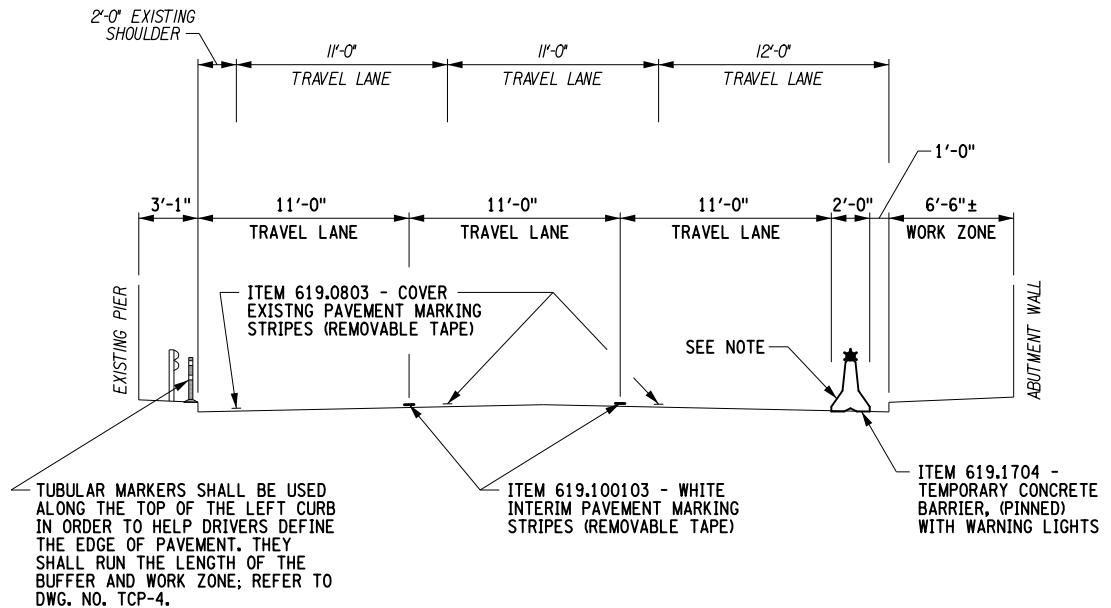
PREPARED BY: ON:	ALTERED BY: ON:
SIGNATURE _____ DATE _____	

AS BUILT REVISIONS DESCRIPTION OF WORK:	MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8	PIN 5811.44 NY 198 PS&E DATE 5/2011 UTILITY QUALITY LEVEL D	BRIDGES 1001590 1040000	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D261773
TRAFFIC CONTROL PLAN BIN'S 1001590 & 1040000 NY ROUTE 198 RIGHT SHOULDER CLOSURE					DRAWING NO. TCP-4 SHEET NO. 12	
NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 05						

DOCUMENT NAME: 5811.44.CPH.MPT.DTL_004.dgn

FILE NAME = 5811.44_CPH_MPT_DTL_005.DGN
 DATE/TIME = 19-APR-2011 14:03
 USER = ddistner

DESIGN SUPERVISOR N. DUENNEBACKE JOB MANAGER D. LAISTNER DESIGNED BY P.E. LEAVENS CHECKED BY B. WZONTEK ESTIMATED BY P.E. LEAVENS DRAFTED BY P.E. LEAVENS CHECKED BY B. WZONTEK



NOTE

A 6" WIDE STRIPE OF ITEM 619.100103 - WHITE INTERIM PAVEMENT MARKING STRIPES (REMOVABLE TAPE) SHALL BE APPLIED ALONG THE LOWER ANGLED FACE OF THE TEMPORARY CONCRETE BARRIER FOR THE LENGTH OF THE BARRIER RUN.

**SECTION C-C
 NY ROUTE 198 LANE SHIFTS
 (SIMILAR IN BOTH DIRECTIONS)
 NOT TO SCALE**

PREPARED BY: ON:	ALTERED BY: ON:

NOTE: 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 ANY 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.

AS BUILT REVISIONS DESCRIPTION OF WORK:	MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8	PIN 5811.44 NY 198 PS&E DATE 5/2011 UTILITY QUALITY LEVEL D	BRIDGES BIN 1001590 BIN 1040000	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D261773
SIGNATURE _____	DATE _____	COUNTY: ERIE	TRAFFIC CONTROL TRANSVERSE SECTION BIN'S 1001590 & 1040000 NY ROUTE 198 LANE SHIFTS		DRAWING NO. TCP-5 SHEET NO. 13	
DOCUMENT NAME: 5811.44_CPH_MPT_DTL_005.DGN						NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 05

FILE NAME = 581144.CPB.WAL.DTL.001.DGN
 DATE/TIME = 19-APR-2011 14:03
 USER = dilaistner

DESIGN SUPERVISOR N. DUENNEBACKE JOB MANAGER D. LAISTNER DESIGNED BY P. CALHOUN CHECKED BY P.E. LEAVENS ESTIMATED BY P.E. LEAVENS DRAFTED BY P.E. LEAVENS CHECKED BY M. CROSS, JR.

NOTE "A"

APPROXIMATE AREA OF WALL FAILURES IS DEPICTED. THE INTENT IS TO ONLY REMOVE AND RESET LOOSE OR DISLODGED STONES FROM JUST ABOVE THE EXISTING LOWER LEDGES UP TO AND INCLUDING THE COPING STONES AT THE TOP OF THE WALLS.

WHEN THE CONTRACTOR HAS FINISHED THE REMOVAL OPERATIONS, THE STONES SHALL BE CLEANED AND RESET BACK INTO POSITION AS SPECIFIED IN THE SPECIFICATIONS.

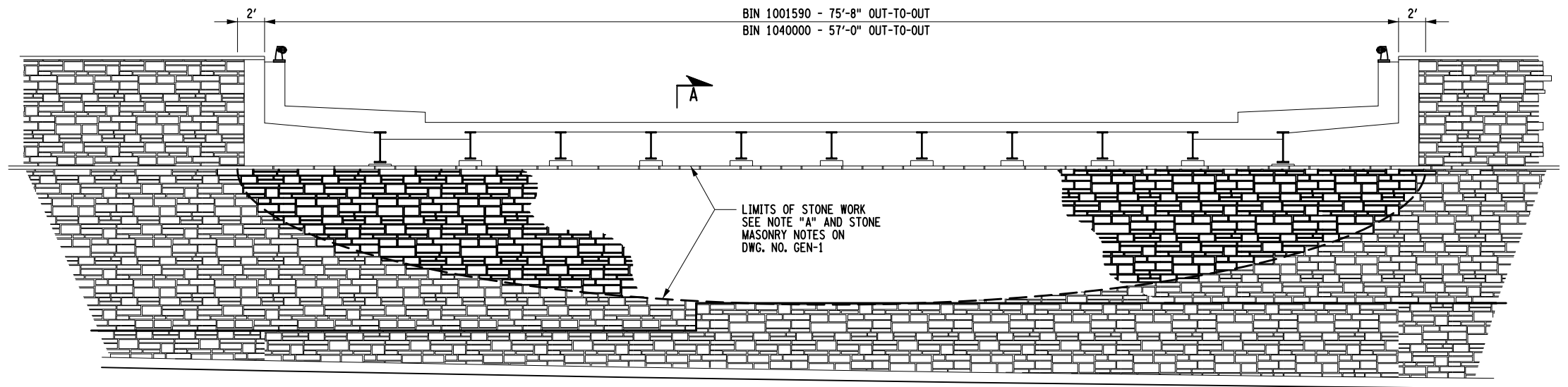
THE APPROXIMATE QUANTITY FOR EACH ABUTMENT IS AS FOLLOWS:

FOR WALL (RUBBLE) STONE:
 BIN 1001590 SOUTH ABUTMENT = 728 SF
 BIN 1001590 NORTH ABUTMENT = 716 SF
 BIN 1040000 SOUTH ABUTMENT = 978 SF
 BIN 1040000 NORTH ABUTMENT = 775 SF

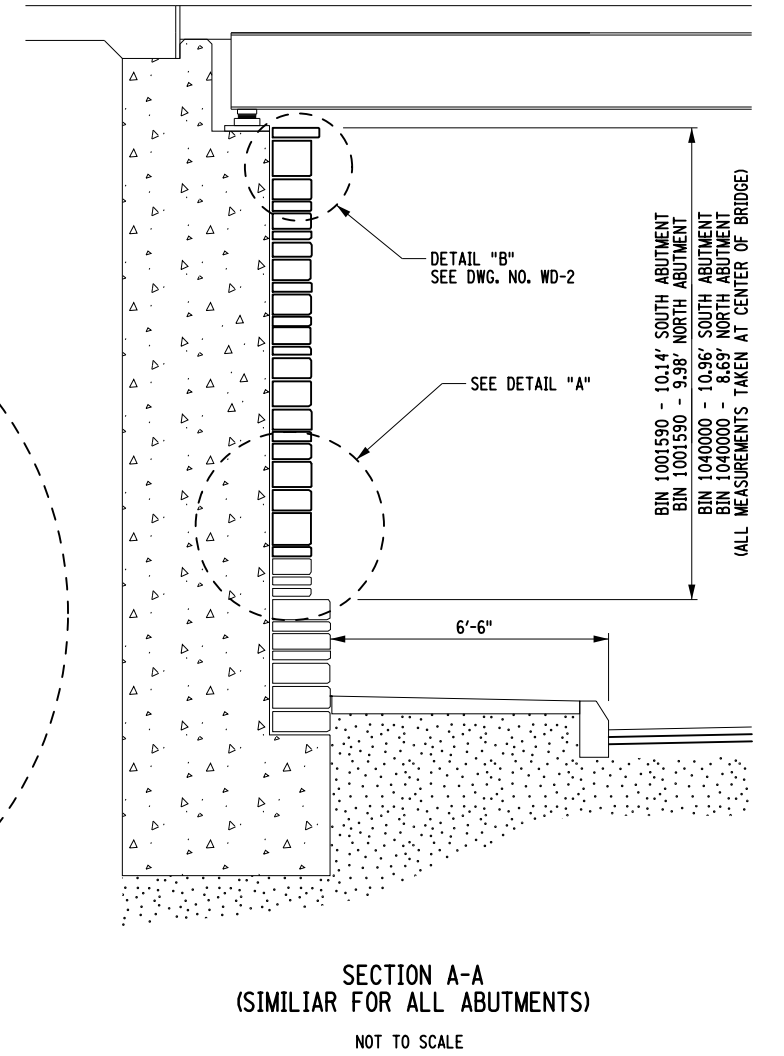
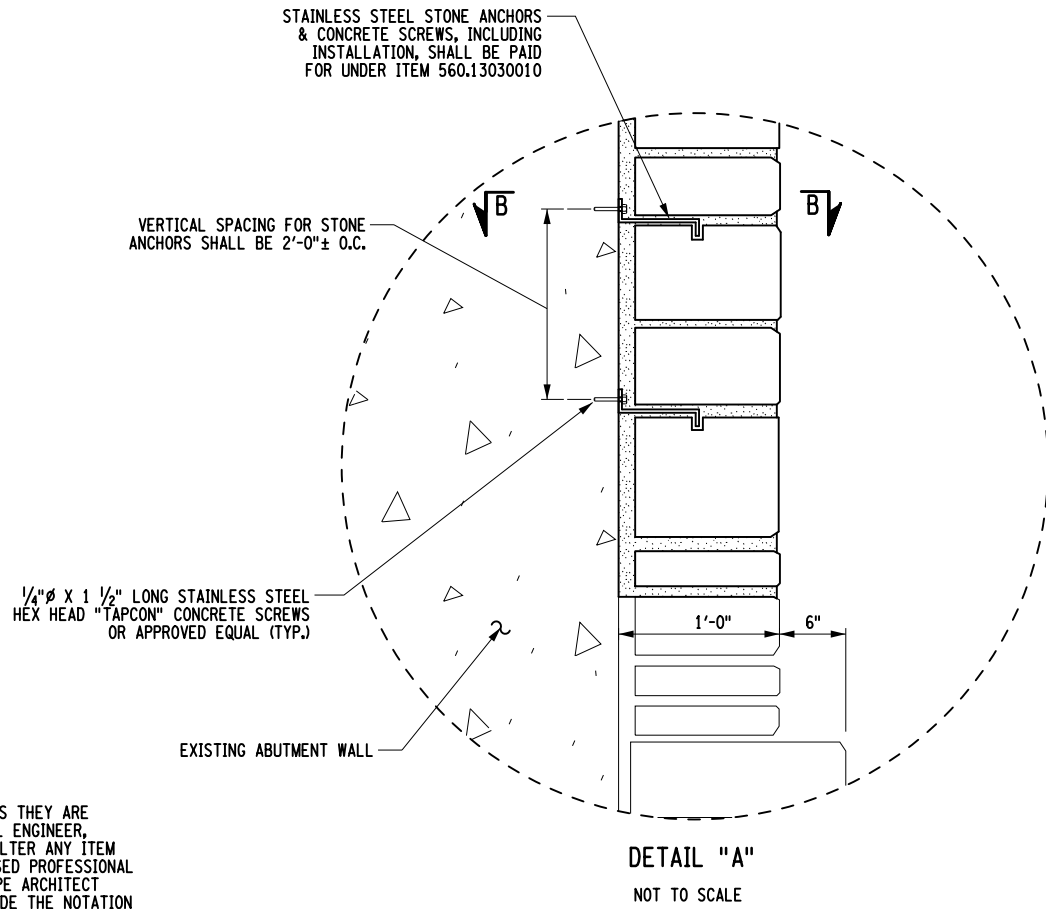
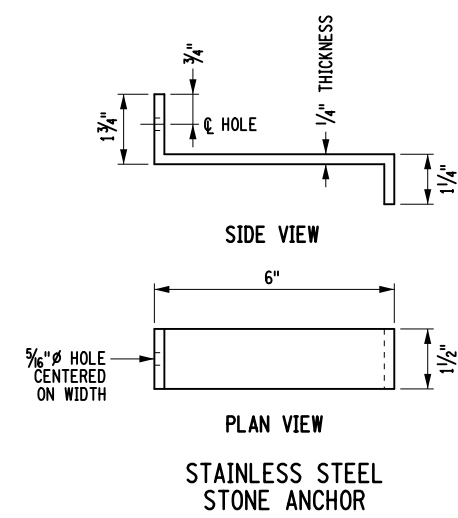
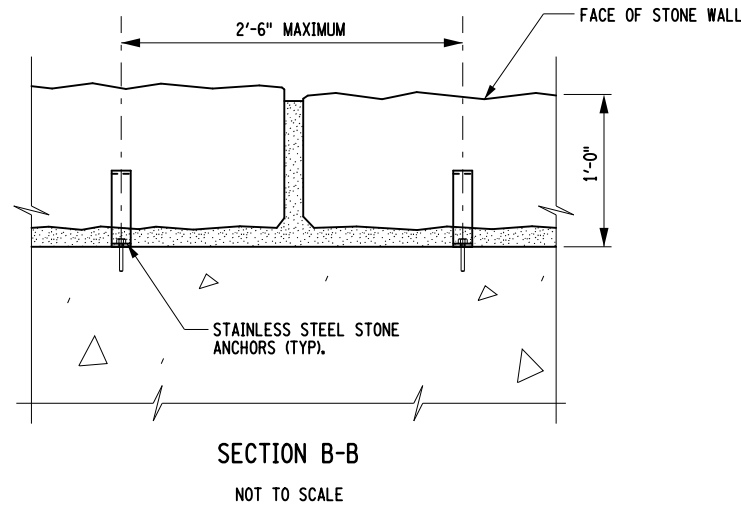
FOR COPING STONE:
 BIN 1001590 SOUTH ABUTMENT = 93 SF
 BIN 1001590 NORTH ABUTMENT = 93 SF
 BIN 1040000 SOUTH ABUTMENT = 116 SF
 BIN 1040000 NORTH ABUTMENT = 116 SF

THESE QUANTITIES ARE APPROXIMATE, FINAL RESETTING LIMITS SHALL BE DETERMINED A.O.B.E.

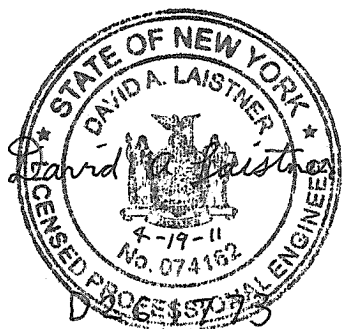
SEE DWG. NO. GEN-1 FOR NOTES AND ITEM NUMBERS.



**ELEVATION OF MAIN STREET BRIDGE
 SOUTH ABUTMENT SHOWN**
 (WORK ON ALL OTHER ABUTMENTS IS SIMILAR)
 NOT TO SCALE



PREPARED BY: ON: _____
 ALTERED BY: ON: _____



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AS BUILT REVISIONS
 DESCRIPTION OF WORK:

 SIGNATURE _____ DATE _____

MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8
 COUNTY: ERIE

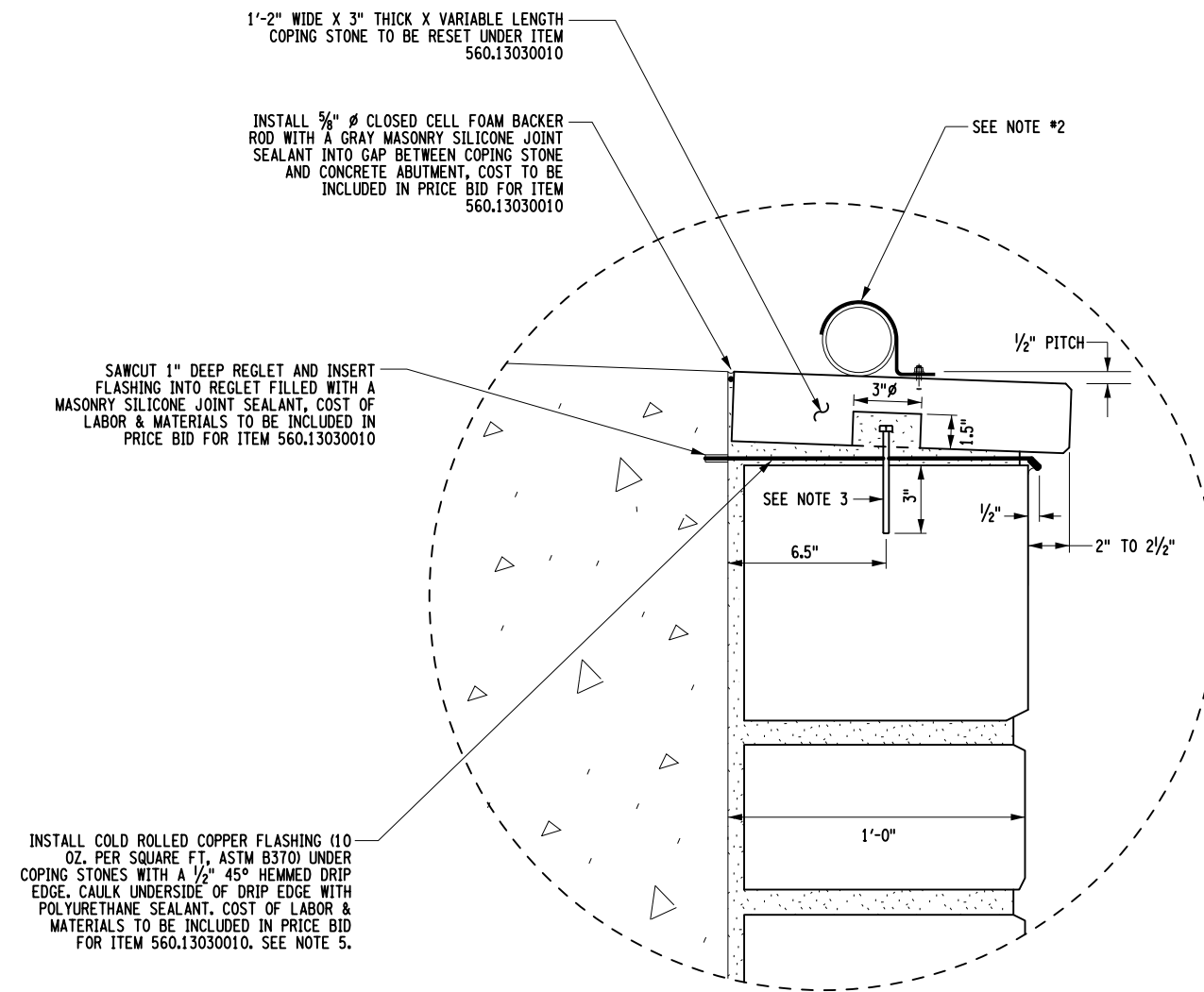
PIN 5811.44
 NY 198
 PS&E DATE 5/2011
 UTILITY QUALITY LEVEL D

BRIDGES
 BIN 1001590
 BIN 1040000

CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 ABUTMENT WALL DETAILS

CONTRACT NUMBER
 D261773
 DRAWING NO. WD-1
 SHEET NO. 14

FILE NAME = 581144.CPB.WAL.DTL_002.DGN
 DATE/TIME = 19-APR-2011 14:04
 USER = dlaistner
 DESIGN SUPERVISOR N. DUENNEBACKE
 JOB MANAGER D. LAISTNER
 DESIGNED BY P. CALHOUN
 CHECKED BY P. LEAVENS
 ESTIMATED BY P.E. LEAVENS
 DRAFTED BY B. WZONTEK
 CHECKED BY M. CROSS, JR.



DETAIL "B"
NOT TO SCALE

DETAIL "B" NOTES

1. PEDESTAL AND BEARING NOT SHOWN FOR CLARITY.
2. THE CONTRACTOR SHALL BE AWARE THAT THERE EXISTS A 4" LIGHTING CONDUIT ATTACHED TO THE TOP OF THE COPING STONES ALONG THE NORTH ABUTMENT OF BIN 1040000. THIS CONDUIT WILL REQUIRE TEMPORARY RELOCATION AND SUPPORT DURING COPING STONE REMOVAL. THE CONDUIT WILL NEED BE UNCLAMPED ALONG THE TOP OF THE COPING STONES IN THE WORK AREA AND SUPPORTED IN A MANNER AS APPROVED BY THE E.I.C.. ONCE THE WALL STONES AND COPING STONES HAVE BEEN RESET, THE CONDUIT SHALL BE REATTACHED ON TOP OF THE COPING STONES IN ITS ORIGINAL LOCATION WITH NEW HARDWARE, THE COST TO BE INCLUDED UNDER ITEM 560.13030010. ANY DAMAGE TO THE CONDUIT DUE TO THE ACTIONS OF THE CONTRACTOR SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE E.I.C. AT THE EXPENSE OF THE CONTRACTOR. ALL COST ASSOCIATED WITH THE TEMPORARY RELOCATION AND SUPPORT OF THE CONDUIT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 560.13030010.
3. FOR EACH COPING STONE, DRILL & GROUT 3 STAINLESS STEEL HEX HEAD BOLTS, 3/8"-16x4 1/2", 3" DEEP AND EVENLY SPACED INTO UNDERLYING RUBBLE STONE TO ANCHOR COPING STONES TO TOP OF WALL. SEAL HOLES AROUND THE BOLTS WITH MASONRY SILICONE, A.O.B.E.. DRILL 3"Ø HOLES 1 1/2" DEEP INTO THE BOTTOM OF THE COPING STONES TO RECEIVE THE ANCHOR BOLTS. FILL HOLES WITH MORTAR PRIOR TO SETTING THE COPING STONES. THE COST OF ALL LABOR & MATERIALS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 560.13030010. GROUT SHALL CONFORM TO MATERIAL SPECIFICATION 701-07 OF THE STANDARD SPECIFICATIONS.
4. MORTARED JOINTS BETWEEN COPING STONES SHALL BE RAKED DOWN SUFFICIENTLY TO INSTALL AN APPROPRIATELY SIZED CLOSED CELL FOAM BACKER ROD WITH GRAY MASONRY SILICONE JOINT SEALANT TO SEAL THE JOINTS. THE COST OF ALL LABOR & MATERIALS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 560.13030010.
5. WHERE LAPS IN COPPER FLASHING ARE NECESSARY, A MINIMUM 4" LAP SHALL BE PROVIDED WITH A DOUBLE BEAD OF NON-SKINNING BUTYL SEALANT BETWEEN LAYERS. THE COST OF ALL LABOR & MATERIALS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 560.13030010.
6. MASONRY JOINT SEALANTS SHALL BE INSTALLED AS PER MANUFACTURER'S INSTRUCTIONS; IN PARTICULAR, THE PROPER CLEANING OF SURFACES AND INSTALLED THICKNESSES OF SEALANTS.

PREPARED BY: ON: _____
 ALTERED BY: ON: _____



NOTE: 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 ANY 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.

AS BUILT REVISIONS DESCRIPTION OF WORK: _____

 SIGNATURE _____ DATE _____

MAIN STREET-HUMBOLDT PARKWAY UNDERPASS, FAC 50-8
 COUNTY: ERIE

PIN 5811.44
 NY 198
 PS&E DATE 5/2011
 UTILITY QUALITY LEVEL D

BRIDGES
 BIN 1001590
 BIN 1040000

CULVERTS
 ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
 ABUTMENT WALL DETAILS

CONTRACT NUMBER
 D261773
 DRAWING NO. WD-2
 SHEET NO. 15