

THE PROJECT IS LOCATED ALONG HURLEY AVENUE BETWEEN THE CITY OF KINGSTON MUNICIPAL BOUNDARY AND THE INTERSECTION OF WASHINGTON AVENUE.

30 MPH POSTED SPEED LIMIT FOR HURLEY AVENUE.



The City of
Kingston, NY

FEDERAL AID PROJECT PIN 8761.94 HURLEY AVENUE PAVING AND COMPLETE STREETS

CITY OF KINGSTON, ULSTER COUNTY

MAY 2019

PLANS, SPECIFICATIONS, & ESTIMATE

RECOMMENDED BY:

HON. STEVEN T. NOBLE
CITY OF KINGSTON - MAYOR

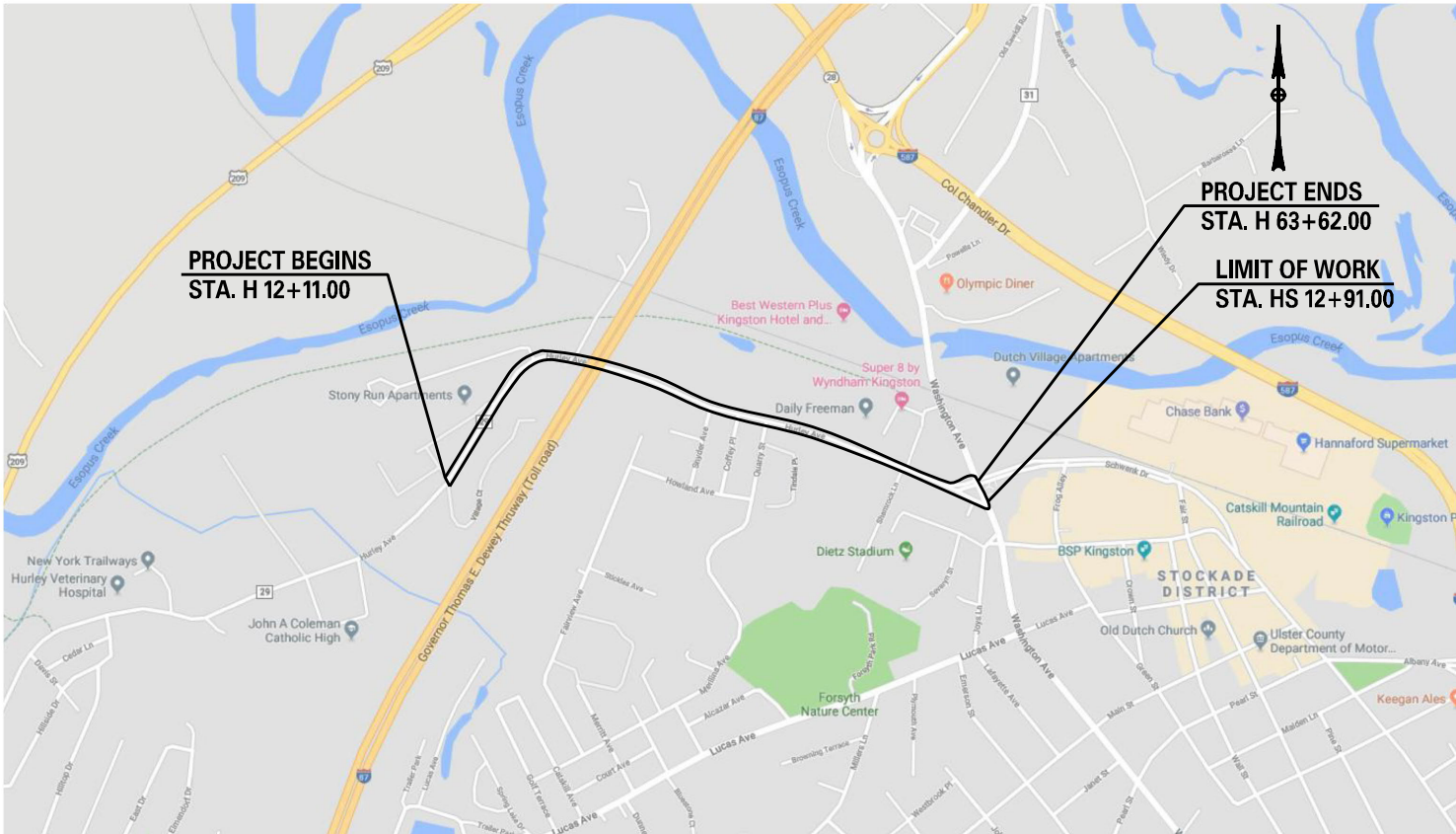
DATE

RECOMMENDED BY:

MR. JOHN SCHULTHEIS, P.E.
CITY OF KINGSTON - CITY ENGINEER

DATE

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



PROJECT LOCATION
N.T.S.

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

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

CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NYSDOT POLICIES AND GUIDELINES AND THE FINAL DESIGN REPORT APPROVED ON 3/26/2019.

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.*

THOMAS C. BAIRD, P.E.
NEW YORK STATE PROFESSIONAL ENGINEERS LICENSE NO. 074590

DATE

PREPARED AND RECOMMENDED BY

**Barton
&Loguidice**

HURLEY AVENUE PAVING AND COMPLETE STREETS

CITY OF KINGSTON, ULSTER COUNTY

SUBMISSION: PS&E

FED. ROAD REG. NO.	STATE	SHEET NO.	TOTAL SHEETS
8	N.Y.	1	30

FEDERAL AID
PROJECT NO.
CAPITAL PROJECT
IDENTIFICATION NO. 8761.94

INDEX ON SHEET NO. 2

SUBSURFACE EXPLORATION	
ABBR.	DESCRIPTION
REPLACE ABBREVIATION "AB" WITH:	
AH	HAND AUGER
CP	CONE PENETROMETER
DA	60 mm CASED DRILL HOLE
DM	DRILLING MUD
DN	100 mm CASED DRILL HOLE
FH	HOLLOW FLIGHT AUGER
PA	POWER AUGER
PH	PROBE
PT	PERCOLATION TEST HOLE
RP	25 mm SAMPLER (RETRACTABLE PLUG)
TO BE DEFINED AT THE TIME OF EXPLORATION	
SP	SEISMIC POINT
TP	TEST PIT
REPLACE 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

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)

ALIGNMENT	
ABBR.	DESCRIPTION
AH	AHEAD
AZ	AZIMUTH
BK	BACK
B	BASELINE
BRC	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	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
TB	TOP OF BANK (STREAM)
TC	TOP OF CURB
TG	TOP OF GRATE
VCP	VITRIFIED CLAY PIPE
SICPP	SMOOTH INTERIOR CORRUGATED PE

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
R	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

DWG. NO.	SHEET TITLE	SHEET NO.
COV-1	COVER SHEET	1
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&Loguidice**

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

HURLEY AVENUE PAVING
AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

INDEX &
ABBREVIATIONS

SCALE: NONE

DATE ISSUED: 5/2019

DRAWING
ID-1

NO. DATE BY REVISION

ALIGNMENT		
STYLE	NAME	DESCRIPTION
	AC	CONTROL (CENTERLINE)
	AD_P	DETOUR
	AT_P	TRANSITION CONTROL
BRIDGE		
	BR	RAIL
	BSHT	SHEET PILING
CONTROL		
	CB	BASELINE
	CBPR	BASELINE, PROJECTION
DRAINAGE		
	DCP	CULVERT PIPE
	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
ENVIRONMENTAL		
	EBLHS	BALE, HAY/STRAW
	ECT	CURTAIN, TURBIDITY
	EDMC	DAM, COFFER TYPE
	EDMEC_P	DAM, EARTHEN, CHECK
	EDMPC_P	DAM, PREFAB, CHECK
	EDMSC_P	DAM, STONE, CHECK
	EFNS	FENCE, SILT
	EFNSV	FENCE, SILT & VEGETATION
	EFNV	FENCE, VEGETATION
	EWAA_P	WETLAND, ADJACENT AREA
	EWf	WETLAND, FEDERAL
	EWFS	WETLAND, FEDERAL AND STATE
	EWM	WETLAND, MITIGATION AREA
	EWS	WETLAND, STATE
SIGNS		
	SBLB	BILLBOARDS
	SM	MULTIPLE POST
	SSO	STRUCTURE, OVERHEAD
	SSOC	STRUCTURE, OVHD, CANTILEVER

LANDSCAPE		
STYLE	NAME	DESCRIPTION
	LABL	AREA, BRUSH LINE
	LAHR	AREA, HEDGE ROW
	LAPB	AREA, PLANTING BED
	LAWA	AREA, WOODED AREA OUTLINE
	LAWL	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		
	MDL	DEED LINE
	MEE	EASEMENT, EXISTING
	MEP_P	EASEMENT, PERMANENT
	MEPA_P	EASEMENT, PERMANENT, APPROX.
	MET_P	EASEMENT, TEMPORARY
	META_P	EASEMENT, TEMPORARY, APPROX.
	MF_P	FEE ACQUISITION, W/ ACCESS
	MFA_P	FEE ACQUISITION, APPROXIMATE
	MFS_P	FEE ACQUISITION, SHAPE
	MFWOA_P	FEE ACQUISITION, W/O ACCESS
	MHB	HIGHWAY BOUNDARY
	MHBA	HIGHWAY BOUNDARY, APPROX.
	MHBW	HWY BOUNDARY, FACE OF WALL
	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
	MPL	PROPERTY LOT LINE
	MPLA	PROPERTY LOT LINE, APPROXIMATE
	MSL	SUB LOT LINE

ROADWAY		
STYLE	NAME	DESCRIPTION
	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
	RRSL_S_P	RAIL, SURVEY, LARGE SCALE
	RRSSS	RAIL, SURVEY, SMALL SCALE
STRIPING		
	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
		• = W (WHITE) OR Y (YELLOW)
TRAFFIC CONTROL		
	TCSW	SIGNAL, SPAN WIRE
TRAFFIC MAINTENANCE		
	TMBCD_P	BARRICADES
	TMBCDL_P	BARRICADES, LIGHTED
	TMBT_P	BARRIER, TEMPORARY
	TMBTL_P	BARRIER, TEMPORARY, LIGHTED
	TMDB_P	DEVICE, BARRELS
	TMDBL_P	DEVICE, BARRELS, LIGHTED
	TMDC_P	DEVICE, CONES
UTILITIES		
	UC	CONDUIT, UNDERGROUND
	UCH	CONDUIT, HANGING
	UCO	CONDUIT, OVERHEAD
	UE	ELECTRIC LINE, UNDERGROUND
	UEH	ELECTRIC LINE, HANGING
	UEO	ELECTRIC LINE, OVERHEAD
	UETO	ELECTRIC TRANSMISSION, OVERHEAD

UTILITIES CONT'D.		
STYLE	NAME	DESCRIPTION
	UESS	ELECTRIC, SUBSTATIONS
	UFO	FIBER OPTIC, UNDERGROUND
	UFOH	FIBER OPTIC, HANGING
	UFOO	FIBER OPTIC, OVERHEAD
	UG	GAS, UNDERGROUND
	UGH	GAS, HANGING
	UGO	GAS, OVERHEAD
	UIC	INFORM CABLE, UNDERGROUND
	UICH	INFORM CABLE, HANGING
	UO	OIL LINE, UNDERGROUND
	UOH	OIL LINE, HANGING
	UPBP	POLE, BRACE, PUSH BRACE
	UPBW	POLE, GUY WIRE
	USA	SANITARY SEWER, UNDERGROUND
	USAH	SANITARY SEWER, HANGING
	USAF	SANITARY SEWER, FORCE MAIN, UGND
	USAFH	SANITARY SEWER, FORCE MAIN, HANG
	UT	TELEPHONE, UNDERGROUND
	UTH	TELEPHONE, HANGING
	UTO	TELEPHONE, OVERHEAD
	UTV	CABLE TV, UNDERGROUND
	UTVH	CABLE TV, HANGING
	UTVO	CABLE TV, OVERHEAD
	UUU	UNKNOWN, UNDERGROUND
	UUH	UNKNOWN, HANGING
	UUO	UNKNOWN, OVERHEAD
	UW	WATER LINE, UNDERGROUND
	UWH	WATER LINE, HANGING
	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 (0.40 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.

ROW MAPPING			ALIGNMENT			BRIDGE					
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION			
	MDL1P	DEED LINE, TYPE 1		ACC	CENTER OF CURVATURE		BSC	BRIDGE, SCUPPER			
	MDL2P	DEED LINE, TYPE 2		ACOG	COGO	DRAINAGE					
	MDL3P	DEED LINE, TYPE 3		ACS	CURVE TO SPIRAL						
	MDL4P	DEED LINE, TYPE 4		ADPL_P	DETOUR, POINT ON LINE						
	MDL5P	DEED LINE, TYPE 5		AEQN	EQUATION		DS	STRUCTURE, RECTANGULAR			
	MEEP	EASEMENT, EXISTING		AEQN	EQUATION		DSI	STRUCTURE, INVERT			
	MEPAP_P	EASEMENT, PERM., APPROX.		AEQNAHD	EQUATION AHEAD		DSM	STRUCTURE, MANHOLE			
	MEPP_P	EASEMENT, PERM., BACK LINE		AEQNBK	EQUATION BACK		DSMTXX_P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96			
	MEPSP_P	EASEMENT, PERM., SHAPE		AEVT	EVENT STATION		DSR	STRUCTURE, ROUND			
	MFAP_P	FEE ACQUISITION, APPROX.		APC	POINT OF CURVATURE		DST"X"CB_P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R			
	MFP_P	FEE ACQUISITION, BACK LINE		APCC	POINT OF COMPOUND CURVATURE		DST"X"_P	STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U			
	MFSP_P	FEE ACQUISITION, SHAPE		API	POINT OF INTERSECTION	ENVIRONMENTAL					
	MHBAP	HIGHWAY BNDRY., APPROX.		APOB	POINT OF BEGINNING						
	MHBCP	HISTORICAL, BLDG. CORNERS		APOC	POINT OF CURVATURE						
	MHBP	HIGHWAY BNDRY, PT.		APOE	POINT OF END		EIOP_P	STR., INLET, OUTLET PROT.			
	MJCP	PT., JURIS. CITY		APOL	POINT ON LINE		EIPGB_P	STR., INLET PROT., GRAVEL BAG			
	MPBC	PT., BUILDING CORNER		APOS	POINT ON SPIRAL		EIPHS_P	STR., INLET PROT., HAY/STRAW			
	MPCC	PT., CROSS CUT		APOT	POINT ON TANGENT		EIPPP_P	STR., INLET PROT., PREFAB.			
	MPDH	PT., DRILL HOLE		APOVC	POINT ON VERTICAL CURVE		EIPSF_P	STR., INLET PROT., SILT FENCE			
	MPF	PT., FENCE LOCATION		APOVT	POINT ON VERTICAL TANGENT		ERCB	RISER, CONCRETE BOX			
	MPIP	PT., IRON PIPE		APORC	POINT ON REVERSE CURVE		ETRS_P	TRAP, SEDIMENT			
	MPIR	PT., IRON ROD		APT	POINT OF TANGENCY		EWFG	WETLAND FLAG			
	MPM	PT., MONUMENT		APVC	POINT OF VERTICAL CURVATURE	GEOTECHNICAL					
	MPMM	PT., MONUMENT, MISC.		APVCC	POINT OF VERT. CMPND CURVE						
	MPN	PT., NAIL		APVI	POINT OF VERT. INTERSECTION						
	MPRS	PT., RAILROAD SPIKE		APVRC	POINT OF VERT. REVERSE CURVE		GDH	DRILL HOLE			
	MPSP	PT., SPIKE		APVT	POINT OF VERTICAL TANGENCY	LANDSCAPE					
	MPST	PT., STAKE		ASC	SPIRAL TO CURVE						
	MPTW	PT., TREE W/ WIRE		ASPI	SPIRAL POINT OF INTERSECTION						
	MPWL	PT., WALL LOCATION		ASTS	SPIRAL TO SPIRAL		NAME	DESCRIPTION			
				AST	SPIRAL TO TANGENT		LELS	ELEVATION, SPOT			
				ATS	TANGENT TO SPIRAL		LFP	FLAG POLE			
				AVEVT	VERTICAL EVENT POINT		LMB	MAILBOX			
				AVHIGH	VERTICAL HIGH POINT		LPB	PAPER BOX			
				AVLOW	VERTICAL LOW POINT		LPST	POST, SINGLE			
			CONTROL				LRB	ROCK, BOULDER			
							CBP	BASELINE, POINT		LSHC	SHRUB, CONIFEROUS
							CBPOL	BASELINE, POINT ON LINE		LSHD	SHRUB, DECIDUOUS
				CBSP	BASELINE, SPUR POINT		LTC	TREE, CONIFEROUS			
				CBTP	BASELINE, TIE POINT		LTD	TREE, DECIDUOUS			
				CPBM	BENCHMARK		LTS	TREE, STUMP			
				CPH	POINT, HORIZ. PHOTOGRAMMETRY		LTW_P	TREE, WELL OR WALL			
				CPSM	POINT, SURVEY MARKER, PERM.		LUKP	UNKNOWN POINT			
				CPSV	POINT, VERT., PHOTOGRAMMETRY						

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2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
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6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

TYP-1

FILE NAME = L:\MSTN Projects\1600\1696.007.121 - Hurlay Avenue\MSTN\PS&E\006.876194_ttyp02.dgn
DATE = 5/8/2019
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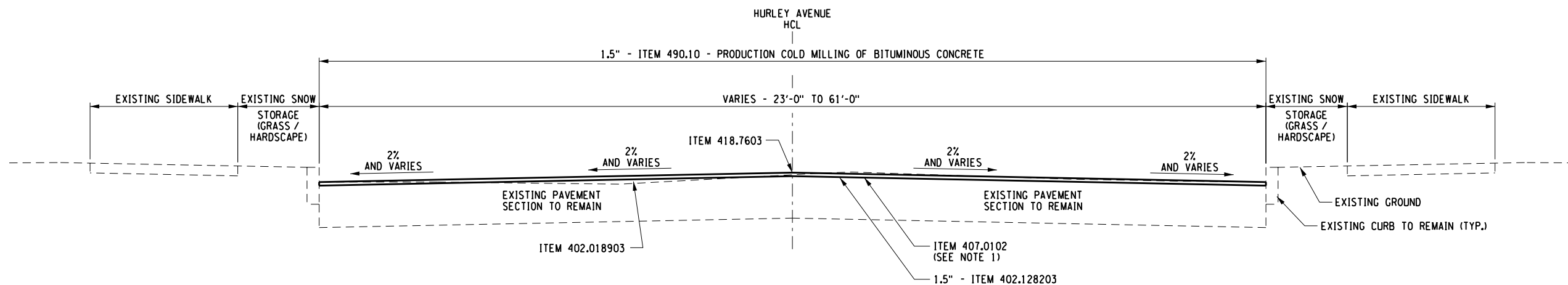
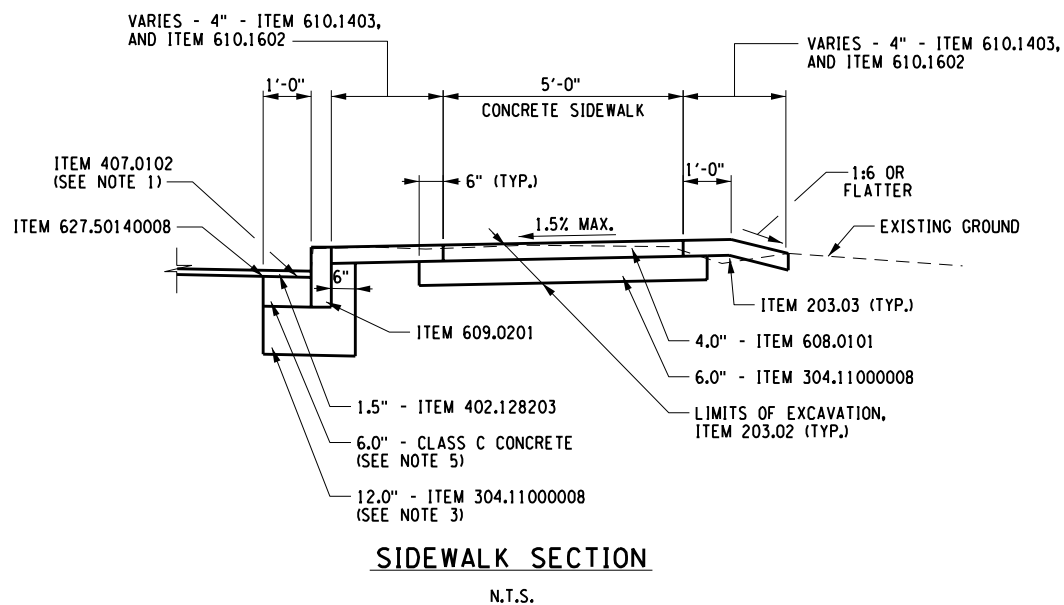
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ESTIMATED BY

CHECKED BY:

DESIGNED BY


IN CHARGE OF



TYPICAL SECTION NO. 2

N.T.S.
STA. H 37+81.00 TO STA. H 63+62.00
STA. HS 11+04.00 TO STA. HS 12+91.00

PREPARED BY: BARTON & LOGUIDICE, D.P.C. ON :	ITEM NO.	DESCRIPTION	UNITS	ITEM NO.	DESCRIPTION	UNITS	NOTES
	203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	633.12	CLEANING, SEALING AND / OR FILLING CRACKS	LS	1. PLACE TACK COAT BETWEEN ALL LIFTS OF ASPHALT.
	203.03	EMBANKMENT-IN-PLACE	CY				2. CONTRACTOR TO USE LAWN SEED MIX AS DESCRIBED IN THE SPECIFICATIONS SPECIAL NOTE FOR SEEDING LAWN AREAS.
	304.11000008	SUBBASE COURSE (MODIFIED)	CY				
	402.018903	TRUING & LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION	TON				
	402.128203	12.5 F2 TOP COURSE HMA, 80 SERIES COMPACTION	TON				3. LIMITS FOR THE DEPTH OF SUBBASE COURSE SHALL BE THE GREATER OF 12" OR THE EXISTING SUBBASE DEPTH.
	407.0102	DILUTED TACK COAT	GAL				
	418.7603	PAVEMENT JOINT ADHESIVE	LF				4. LIMITS FOR ESTABLISHING TURF AND TOPSOIL SHALL BE FROM THE OUTSIDE EDGE OF SIDEWALK OR SHOULDER TO THE POINT WHERE THE PROPOSED WORK MEETS THE EXISTING GROUND.
	490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	SY				
	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY				
	609.0201	STONE CURB, GRANITE (TYPE A)	LF				5. MINIMUM OF 6" CLASS C CONCRETE OR MATCH EXISTING PAVEMENT THICKNESS, COST INCLUDED UNDER ITEM 609.0201.
	610.1403	TOPSOIL - LAWNS	CY				
610.1602	TURF ESTABLISHMENT - LAWNS (SEE NOTE 2)	SY					
627.50140008	CUTTING PAVEMENT	LF				6. EXISTING PAVEMENT CRACKS SHALL BE SEALED AFTER THE MILLING OPERATIONS HAVE BEEN COMPLETED, COST INCLUDED UNDER ITEM 633.12.	

HURLEY AVENUE PAVING AND COMPLETE STREETS		<h1>Barton & Loguidice</h1> <p>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE E, 145 SECTION 720(9)</p>	 <p>The City of Kingston, NY</p>	NO.	DATE	BY	REVISION
CITY OF KINGSTON							
ULSTER COUNTY							
PIN 8761.94							
TYPICAL SECTIONS							
SCALE: NONE							
DATE ISSUED: 5/2019							
DRAWING							
TYP-2							

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

DEFINITION

- THE WORDS "SHALL", "SHOULD", AND "MAY", AS USED IN THE CONTRACT DOCUMENTS, HAVE THE FOLLOWING MEANINGS:
- SHALL - A MANDATORY CONDITION. IN THE DESIGN, APPLICATION, OR LOCATION OF DEVICES, REQUIREMENTS HAVING "SHALL" STIPULATIONS ARE MANDATORY. NO DISCRETION IN FOLLOWING THEM IS ALLOWED.
- SHOULD - 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 CONDITION. NO REQUIREMENTS FOR DESIGN OR APPLICATION IS INTENDED.

DRAINAGE FACILITIES

THE CONTRACTOR SHALL BECOME FAMILIARIZED WITH DRAINAGE CHARACTERISTICS OF THE AREA SO THAT HE MAY PROGRESS HIS WORK EFFICIENTLY WITH FULL KNOWLEDGE OF THE POTENTIAL DRAINAGE ISSUES.

SURVEY

1. THE CONTRACTOR SHALL PROVIDE SURVEY AND STAKEOUT, AS REQUIRED, AND IN ACCORDANCE WITH SECTION 625 OF THE STANDARD SPECIFICATIONS. COST FOR THIS WORK SHALL BE INCLUDED UNDER ITEM 625.01 - SURVEY OPERATIONS.

RESTORING DISTURBED AREAS

1. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO A CONDITION APPROVED BY THE ENGINEER.
2. THE RESTORATION OF DISTURBED AREAS SHALL BE ACCOMPLISHED AS SPECIFIED UNDER SECTIONS 107-10 AND 107-11 OF THE STANDARD SPECIFICATIONS AND APPLICABLE ADDENDUMS.

UTILITIES

1. LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, INDICATED AS EXISTING AND/OR TO BE CONSTRUCTED AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THEIR EXACT LOCATION SHALL BE DETERMINED IN THE FIELD. ADDITIONAL UTILITY LINES, WHETHER ABANDONED OR IN SERVICE, MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT HIS OPERATIONS AND TAKE THE NECESSARY PRECAUTIONS TO PREVENT INTERFERENCE WITH OR DAMAGE TO THESE OR OTHER FACILITIES DURING THE COURSE OF CONSTRUCTION. IN THE EVENT THE CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN SAID SERVICE, HE SHALL IMMEDIATELY COMMENCE WORK TO RESTORE SERVICE IN COORDINATION WITH THE OWNER OF THE UTILITY AFFECTED, AND MAY NOT CEASE HIS WORK OPERATION UNTIL SERVICE IS RESTORED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES ENCOUNTERED IN THE WORK COMPLETED UNDER THIS CONTRACT. WHERE NECESSARY, THE CONTRACTOR SHALL PROVIDE TIMBER, PLANK OR OTHER APPROVED MATERIALS AND SECURELY BRACE AND PROTECT THESE UTILITIES.
3. DURING 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.

PROJECT COORDINATION

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH OTHER PROJECTS IN THE AREA.

CLEARING AND GRUBBING NOTES:

1. WORK UNDER ITEM 201.06, CLEARING AND GRUBBING, SHALL INCLUDE, BUT NOT LIMITED TO CLEARING OF TREES, GRUBBING STUMPS AND UNDERSTORY VEGETATION.

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON :

ENVIRONMENTAL NOTES:

1. DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT BE ALLOWED TO DROP WASTE CONCRETE, DEBRIS, AND OTHER MATERIAL IN ANY WATERWAY, CHANNEL OR SIDE POOL 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.
2. THERE ARE NO LOCATIONS WITHIN THE PROJECT LIMITS FOR THE DISPOSAL OF CONSTRUCTION DEBRIS OR SPOILS.
3. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT THE ENTRANCE OF FRESH CONCRETE INTO THE WATERS OF NEW YORK STATE. EQUIPMENT, TOOLS, AND TRUCKS USED IN THIS PROJECT SHALL BE CLEANED IN SUCH A MANNER AS TO PREVENT WASH WATER FROM ENTERING ANY WATER BODY. WET CONCRETE IS HIGHLY TOXIC TO FISH.
4. SPILLAGE OF OIL AND HAZARDOUS SUBSTANCES IS ESPECIALLY PROHIBITED BY SECTION 311 OF THE CLEAN WATER ACT OF 1977. MEASURES INCLUDING PROPER MAINTENANCE OF CONSTRUCTION EQUIPMENT, DESIGNATING FUEL/HAZARDOUS SUBSTANCES, HANDLING AREAS TO ALLOW SPILLS TO BE CONTAINED BEFORE REACHING THE WATERWAY, INSTRUCTING PERSONNEL NOT TO DISPOSE OF OIL AND OTHER SUCH MATERIALS INTO DRAINS OR INTO THE WATERWAY DIRECTLY, AND OTHER NECESSARY PROCEDURES SHALL BE IMPLEMENTED PRIOR TO ANY CONSTRUCTION ACTIVITIES. IF, IN SPITE OF SUCH PLANNING, OIL/HAZARDOUS SUBSTANCES ARE SPILLED INTO A WATERCOURSE, IMMEDIATE NOTIFICATION SHALL BE GIVEN TO THE N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION AT TELEPHONE NUMBER (518) 457-7362 AND THE NATIONAL RESPONSE CENTER AT TELEPHONE NUMBER 1-800-424-8802. A CONTAINMENT BOOM AND A SUPPLY OF HAY, STRAW, OR OTHER ABSORBENT SHOULD BE RETAINED SO THAT IT MAY BE RAPIDLY DEPLOYED TO SOAK UP ANY POSSIBLE SPILLAGE. PENDING ENVIRONMENTAL CONSERVATION AND/OR COAST GUARD ARRIVAL ON THE SCENE, THE USE OF CHEMICAL DISPERSING AGENTS AND EMULSIFIERS IS NOT AUTHORIZED WITHOUT PRIOR, SPECIFIC, FEDERAL, OR STATE APPROVAL.
5. ANY MATERIAL ENTERING THE WATER, FOR ANY REASON WHATSOEVER, WHICH IS NOT PART OF THE INTENDED WORK, SHALL BE REMOVED AND DISPOSED OF PROPERLY IN ACCORACNE WITH CURRENT REGULATIONS.

CONSTRUCTION NOTES:

1. ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (US CUSTOMERY) REFERENCED IN THE CONTRACT PROJECT "PROPOSAL" EXCEPT AS MODIFIED BY THESE PLANS OR BY CHANGES SET FORTH IN THE CONTRACT PROJECT "PROPOSAL". THESE PLANS ARE SUBMITTED IN ACCORDANCE WITH THE HIGHWAY LAW AND STANDARD SPECIFICATIONS OFFICIALLY FINALIZED AND ADOPTED ON MAY 01, 2019 AS POSTED ON THE DEPARTMENT'S WEBSITE.
2. THE CONTRACTOR SHALL EXAMINE AND VERIFY IN THE FIELD ALL CONDITIONS AND DIMENSIONS. 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 ENGINEER. THE RESULTS OF THIS CHECK OF CONDITIONS AND DIMENSIONS SHALL BE SO NOTED ON THE DRAWINGS SUBMITTED FOR APPROVAL. THERE SHALL BE NO CLAIM AGAINST THE OWNER MADE BY THE CONTRACTOR FOR WORK PERTAINING TO MODIFICATIONS AS MAY BE REQUIRED DUE TO ANY DIFFERENCE BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN BY THE DETAILS AND DIMENSIONS ON THE CONTRACT PLANS. THE CONTRACTOR WILL BE PAID AT THE UNIT BID PRICE FOR THE ACTUAL QUANTITIES OF MATERIALS USED OR FOR THE WORK PERFORMED, AS INDICATED BY THE VARIOUS ITEMS IN THE CONTRACT AND APPROVED CHANGES BY THE ENGINEER.
3. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING FACILITY CAUSED BY HIS OPERATIONS WHICH IS NOT INCLUDED AS PART OF THE INTENDED WORK. ALL DAMAGE TO THE EXISTING FACILITY WHICH IS NOT PART OF THE INTENDED WORK SHALL BE REPAIRED BY THE CONTRACTOR WITHOUT COST TO THE OWNER AND TO THE SATISFACTION OF THE ENGINEER.
4. THE CONTRACTOR SHALL EXERCISE CARE IN HIS REMOVAL OPERATIONS SO AS NOT TO UNDULY DISTURB UNDERLYING MATERIALS WHICH ARE TO REMAIN IN PLACE. 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 TOWN OR NYSDOT, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF NYSDEC, THE COUNTY, TOWN, VILLAGE, OR STATE, THE DAMAGED MATERIAL SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
5. STREAM CONSERVATION: DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER TO PREVENT ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT OR OTHER FOREIGN MATERIAL, OR FROM THE MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH STREAMS. HE SHALL NOT RETURN DIRECTLY TO A STREAM, OR TO A DITCH IMMEDIATELY FLOWING INTO A STREAM, ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER PURITIES. IF HE USES WATER FROM A STREAM, HE SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM. THESE TEMPORARY MEASURES SHALL BE REMOVED AND THE AREA RESTORED AT THE COMPLETION OF THE WORK.
6. THE CONTRACTOR IS ADVISED THAT ADDITIONAL "NOTES" WILL BE FOUND ON SUBSEQUENT SHEETS OF THE CONTRACT PLANS AND SUCH "NOTES", WHILE PERTAINING TO THESE SPECIFIC SHEETS THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.
7. NO ADDITIONAL PAYMENT WILL BE MADE FOR WORK CALLED FOR BY NOTES ON THE PLANS OR IN THE SPECIFICATIONS UNLESS PAYMENT IS SPECIFICALLY INDICATED BY ITEM NUMBER. THE COST OF WORK FOR WHICH NO PAYMENT ITEM IS INDICATED, SHALL BE INCLUDED IN THE UNIT PRICES BID FOR VARIOUS ITEMS OF THIS CONTRACT.
8. CARE SHALL BE TAKEN TO RETAIN NATURAL GROWTH AND PREVENT DAMAGE TO TREES WITHIN AND OUTSIDE THE LIMITS OF CONSTRUCTION, AND NOT SCHEDULED FOR REMOVAL. ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR AS DIRECTED BY THE ENGINEER.

CONSTRUCTION NOTES (CONT.):

9. THE CONTRACTOR SHALL BE REQUIRED TO PROTECT HIS WORKERS AT ALL TIMES IN CONFORMANCE WITH APPLICABLE OSHA REGULATIONS.
10. WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THE AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS. ALL DISPOSAL AREAS MUST BE APPROVED BY THE ENGINEER PRIOR TO USE.
11. THE CONTRACTOR IS RECOMMENDED TO VISIT THE SITE BEFORE BIDDING, TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO JUDGE FOR THEMSELVES THE EXTENT AND NATURE OF THE WORK TO BE DONE UNDER THIS CONTRACT. NO EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF THEIR FAILURE TO INCLUDE IN THE BID ALL ITEMS AND MATERIALS AND SPECIFIC OF EACH ITEM OR MATERIAL WHICH IS REQUIRED TO BE FURNISHED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

SPECIAL EVENT/HOLIDAY NOTES

1. THERE SHALL BE NO TEMPORARY LANE CLOSURES ON ROADWAY FACILITIES OWNED AND/OR MAINTAINED BY NYSDOT ON THE MAJOR HOLIDAYS LISTED BELOW.

EXCEPTIONS CAN ONLY BE MADE UNDER THE FOLLOWING CONDITIONS:

- EMERGENCY WORK
- WORK WITH LONG TERM STATIONARY LANE CLOSURES
- SAFETY WORK THAT DOES NOT ADVERSELY IMPACT TRAFFIC MOBILITY AND HAS BEEN AUTHORIZED BY THE OFFICE OF TRAFFIC SAFETY & MOBILITY.

CONSTRUCTION ACTIVITIES THAT WILL RESULT IN TEMPORARY LANE CLOSURES SHALL BE SUSPENDED TO MINIMIZE TRAVEL DELAYS ASSOCIATED WITH ROAD WORK FOR MAJOR HOLIDAYS AS FOLLOWS. THE CONTRACTOR SHALL COORDINATE ALL PLANNED CONSTRUCTION ACTIVITIES WITH THE ENGINEER, NYSDOT, AND CITY OF KINGSTON AT A MINIMUM OF SEVEN (7) DAYS IN ADVANCE OF THE FOLLOWING DATES AND/OR EVENTS:

2019	
LABOR DAY -	MONDAY, SEPTEMBER 2 - BEGINNING 6:00AM FRIDAY, AUGUST 30 AND ENDING 6:00AM TUESDAY, SEPTEMBER 3
COLUMBUS DAY -	MONDAY, OCTOBER 14 - BEGINNING 6:00AM FRIDAY, OCTOBER 11 AND ENDING 6:00AM TUESDAY, OCTOBER 15
THANKSGIVING -	THURSDAY, NOVEMBER 28 - BEGINNING 6:00AM WEDNESDAY, NOVEMBER 27 AND ENDING 6:00AM MONDAY, DECEMBER 1
CHRISTMAS -	WEDNESDAY, DECEMBER 25 - BEGINNING 6:00AM MONDAY, DECEMBER 23 AND ENDING 6:00AM THURSDAY, DECEMBER 26
2020	
NEW YEARS DAY -	WEDNESDAY, JANUARY 1 - BEGINNING 6:00AM TUESDAY, DECEMBER 31 AND ENDING 6:00AM THURSDAY, JANUARY 2
MEMORIAL DAY -	MONDAY, MAY 25 - BEGINNING 6:00AM FRIDAY, MAY 22 AND ENDING 6:00AM TUESDAY, MAY 26
INDEPENDENCE DAY -	SATURDAY, JULY 4 - BEGINNING 6:00AM THURSDAY, JULY 2 AND ENDING 6:00AM MONDAY, JULY 6



Barton & Loguidice

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EDUCATION LAW ARTICLE 145 SECTION 7209

HURLEY AVENUE PAVING AND COMPLETE STREETS	CITY OF KINGSTON	ULSTER COUNTY	PIN 8761.94
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GENERAL NOTES
SCALE: NONE
DATE ISSUED: 5/2019
DRAWING GN-1

NO.	DATE	BY	REVISION

IN CHARGE OF _____ DESIGNED BY _____

CHECKED BY _____ ESTIMATED BY _____

CHECKED BY _____ DRAFTED BY _____

CHECKED BY _____

12. BUMPS

- A. THE CONTRACTOR SHALL TAKE ALL ACTION AS DIRECTED BY THE ENGINEER, TO ELIMINATE BUMPS, WHICH ARE DEFINED AS, A PAVEMENT CONDITION CONSIDERED BY THE ENGINEER TO BE SUFFICIENTLY ABRUPT ENOUGH TO CAUSE CONSIDERABLE DISCOMFORT, CARGO SHIFTING, OR DEFLECTION OF A VEHICLE FROM ITS TRUE COURSE AT PREVAILING DRIVING SPEEDS. ONLY WHEN IT IS NOT POSSIBLE OR FEASIBLE IN THE OPINION OF THE ENGINEER TO ELIMINATE A BUMP, SHALL A BUMP BE ALLOWED TO REMAIN.
- B. BUMPS SHALL BE RAMPED AT A MINIMUM RATE OF, SPEED LIMIT HORIZONTAL TO 1 VERTICAL, (1E; 30 HORIZONTAL TO 1 VERTICAL FOR 30 MPH).
- C. W8-1 "BUMP" SIGNS SHALL BE PLACED ON ALL APPROACHES TO A BUMP OR DIP, CAUSED BY CONSTRUCTION OPERATIONS (1E; ROAD PLATES, MILLED PAVEMENT TERMINATION, ETC.).PER TABLE NY2C-4. NUMEROUS BUMPS OR DIPS SHALL WARRANT THE USE OF W8-8 "ROUGH ROAD" SIGNS, INSTEAD OF THE W8-1 SIGN. W8-8 SIGNS SHALL BE SUPPLEMENTED WITH W16-4 "NEXT XXX FEET" PANELS AND POSTED ON THE MAINLINE IN ADVANCE OF THE CONDITION AND REPEATED AT EACH INTERSECTION. THE COST OF THE ASSOCIATED SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.
- D. AN OM1-3 MARKER SHALL BE LOCATED RIGHT AT OR IMMEDIATELY IN ADVANCE OF THE BUMP AND SHALL BE USED IN CONJUNCTION WITH THE W8-1 SIGN, AND EQUIPPED WITH A "TYPE B" WARNING LIGHT, PAYMENT INCLUDED IN PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.

13. GUIDE RAIL WORK

- A. ALL FREE ENDS OF GUIDE RAIL SHALL BE TEMPORARILY TERMINATED IN THE SAME METHOD AS 619-3.01 IN STANDARD SPECIFICATIONS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- B. DRUMS OR 8" x 24" VERTICAL PANELS, MOUNTED ON 2" x 2" WOODEN STAKES SHALL BE PROVIDED AT 40' INTERVALS WHEN RAIL IS DOWN. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.

14. DROPOFFS

- A. DROPOFFS SHALL BE ADDRESSED IN ACCORDANCE WITH SECTION 619-3.02 SUBSECTION K AND TABLE 619-3, OF THE STANDARD SPECIFICATIONS. THE OPERATING SPEED IS LESS THAN 45 MPH AND THE AADT IS GREATER THAN 7500.

15. MISCELLANEOUS

- A. ALL ROADWAY AREAS TEMPORARILY CLOSED FOR TRENCH, CULVERT, OR CONDUIT EXCAVATION, OR EXCAVATION REQUIRED FOR ALTERING DRAINAGE STRUCTURES SHALL BE REOPENED AT THE END OF THE WORK DAY. AT ALL TIMES WHEN WORK IS NOT IN PROGRESS, ALL OPENINGS IN THE ROADWAY SHALL BE COVERED WITH ANCHORED STEEL PLATES OR SHALL BE BACKFILLED IN ACCORDANCE WITH SECTION 203-3.15 TO A DEPTH OF 3 INCHES BELOW THE ADJACENT UNEXCAVATED AREA. THE TEMPORARY RESTORATION SHALL BE COMPLETED WITH A LAYER OF TEMPORARY PAVEMENT, PAYMENT INCLUDED UNDER ITEM 402.198903 - 19 F9 SUPERPAVE HMA, 80 SERIES COMPACTION (BINDER), UP TO THE LEVEL OF THE ADJACENT UNEXCAVATED AREA TO THE SATISFACTION OF THE ENGINEER. IF ANCHORED STEEL PLATES ARE THE CHOSEN OPTION, THE CONTRACTOR SHALL SUBMIT THE PROPOSED METHOD OF ANCHORING THE STEEL PLATES TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING ANY ROADWAY EXCAVATION. THE STEEL PLATES SHALL BE RAMPED WITH A BITUMINOUS MATERIAL PRIOR TO OPENING THE LANE. THE COST OF THIS WORK, INCLUDING ALL LABOR, MATERIALS, EQUIPMENT, AND ANY RE-EXCAVATION OF TEMPORARILY RESTORED AREAS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.

16. PEDESTRIANS AND BICYCLISTS

- A. PEDESTRIAN AND BICYCLIST TRAFFIC SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES IN ACCORDANCE WITH SECTION 619 OF THE NYSDOT STANDARD SPECIFICATIONS AND THE WZTC STANDARDS. ALL PEDESTRIAN ACCESS SHALL BE HANDICAPPED ACCESSIBLE IN ACCORDANCE WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES.
- B. THE CONTRACTOR SHALL PROVIDE W11-1 AND NYW5-32P SIGNS DURING TEMPORARY STAGING OPERATIONS.
- C. NEW SIDEWALK CONSTRUCTION SHALL BE SCHEDULED AND COMPLETED BETWEEN LOGICAL TERMINATION POINTS IN ORDER TO PROVIDE SAFE PEDESTRIAN CROSSING AND ACCESSIBILITY AROUND THE WORK AREA.
- D. WHEN SIDEWALKS ARE TO BE CLOSED FOR ANY LENGTH OF TIME, AN ADA COMPLIANT PEDESTRIAN PATH SHALL BE PROVIDED, BY MEANS OF A SIDEWALK DETOUR, DIVERSION, AND/OR PEDESTRIAN CROSSING IN ACCORDANCE WITH THE WZTC STANDARDS.

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON :

WORK ZONE TRAFFIC CONTROL NOTES (CONTINUED)

17. COORDINATION WITH UTILITIES

- A. THE CONTRACTOR SHALL COORDINATE WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES OCCUPYING THE WORK SITE. THERE IS NO UTILITY WORK PLANNED FOR THIS PROJECT, ALTHOUGH THE CONTRACTOR SHALL BE AWARE THAT THE FOLLOWING UTILITIES HAVE FACILITIES WITHIN THE PROJECT CORRIDOR:
- CENTRAL HUDSON GAS & ELECTRIC (CHG&E)
 - VERIZON NEW YORK
 - TIME WARNER CABLE HUDSON VALLEY
 - G4S SECURE INTEGRATION, LLC
 - KINGSTON WATER/SEWER DEPARTMENT

THE CONTRACTOR SHALL REFER TO THE CONTRACT PROPOSAL BOOK, SECTION 00160 FOR UTILITY OWNER CONTACT INFORMATION.

18. PORTABLE, VARIABLE MESSAGE SIGN (PVMS)

- A. THIS CONTRACT INCLUDES THE USE OF TWO (2) PORTABLE, VARIABLE MESSAGE SIGN (PVMS) UNITS. LOCATIONS AND MESSAGES FOR ALL PVMS UNITS SHALL BE COORDINATED WITH THE ENGINEER, CITY, AND NYSDOT AS APPLICABLE. THE CONTRACTOR SHALL DOCUMENT THE LOCATION AND MESSAGE FOR EACH PVMS UNIT PER DAY. THE COST OF ALL PVMS UNITS INCLUDING TRANSPORT, SET-UP, RELOCATION, ETC. SHALL BE PAID UNDER ITEM 619.110511. NO ADDITIONAL PAYMENT WILL BE MADE FOR RELOCATIONS OF THE UNITS, AS DETERMINED BY THE ENGINEER.

19. SUGGESTED SEQUENCE OF CONSTRUCTION

THIS IS ONLY A SUGGESTED SEQUENCE OF CONSTRUCTION AND DOES NOT INCLUDE ALL WORK TO BE COMPLETED UNDER THIS CONTRACT.

- 1) INSTALL WZTC ADVANCED POSTING SIGNS AND APPLICABLE EROSION AND SEDIMENT CONTROL PROTECTION ITEMS.
- 2) INSTALL CONCRETE SIDEWALK RAMPS
- 3) MILL EXISTING PAVEMENT
- 4) INSTALL TOP COURSE ASPHALT
- 5) INSTALL PERMANENT SIGNING AND STRIPING
- 6) PUNCH LIST ITEMS

HURLEY AVENUE PAVING
AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

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NO. DATE BY REVISION

WORK ZONE
TRAFFIC CONTROL
NOTES

SCALE: NONE

DATE ISSUED: 5/2019

DRAWING
WZTC-2

IN CHARGE OF

DESIGNED BY

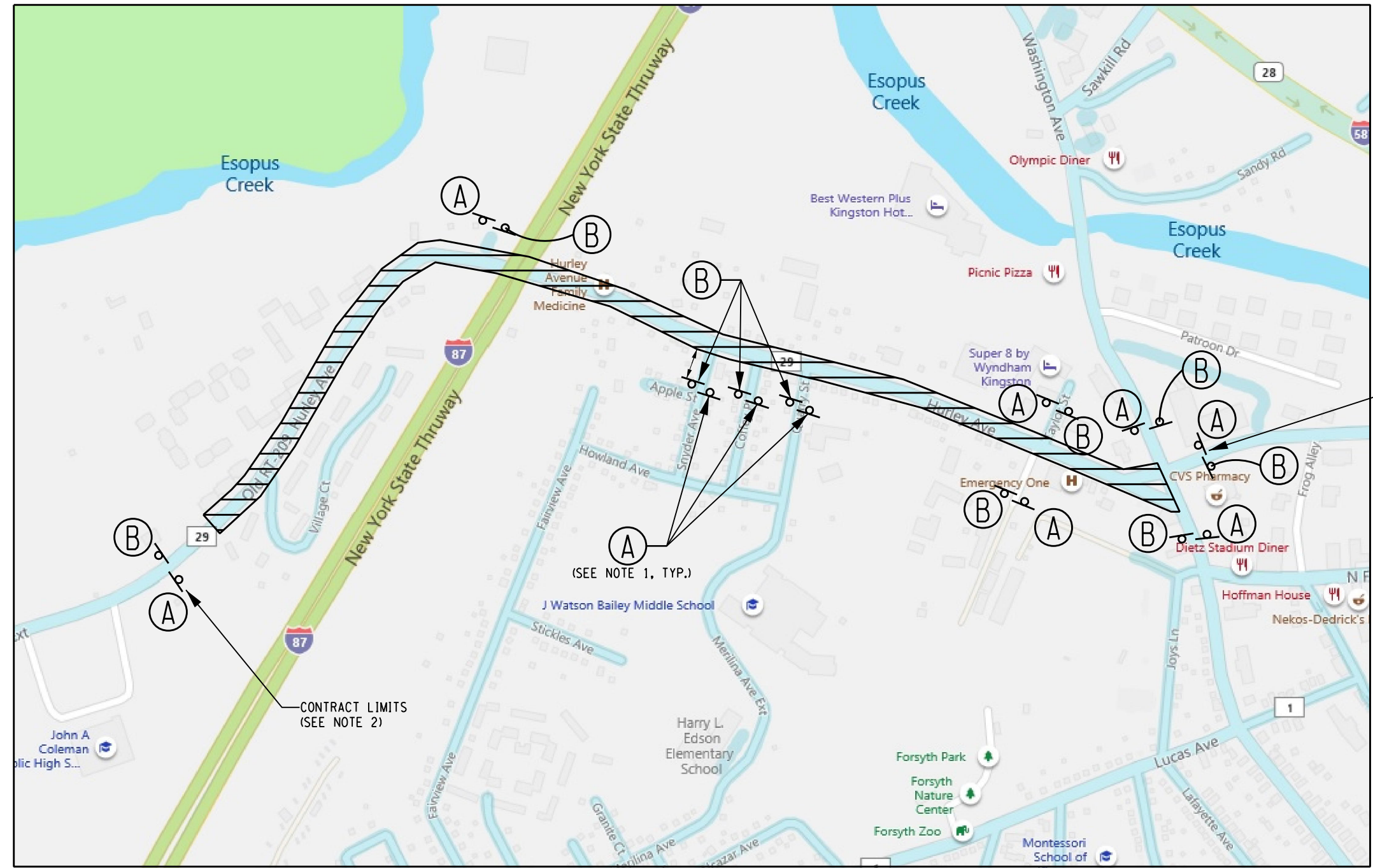
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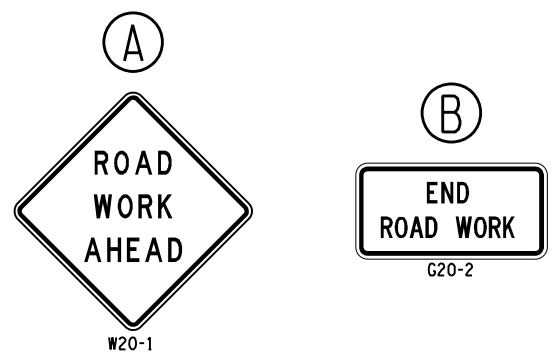
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CHECKED BY

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON :



WORK ZONE TRAFFIC CONTROL APPROACH PLAN
N.T.S.



- NOTES:
1. MINIMUM SPACING FOR SIGNS, FROM THE INTERSECTION OF THE HURLEY AVENUE MAINLINE, ALONG ALL SIDE STREETS SHALL BE 100 FT. MAXIMUM
 2. THE MAXIMUM SPACING OF SIGNS AT THE CONTRACT LIMITS SHALL BE 500 FT.

- LEGEND:
- WORK AREA
- SIGNS (NATIONAL MUTCD), ITEM 619.01
- B

SIGN IDENTIFICATION, SEE THIS DWG. FOR SIGN FACE INFORMATION

NO. DATE BY REVISION

Barton & Loguidice
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HURLEY AVENUE PAVING AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

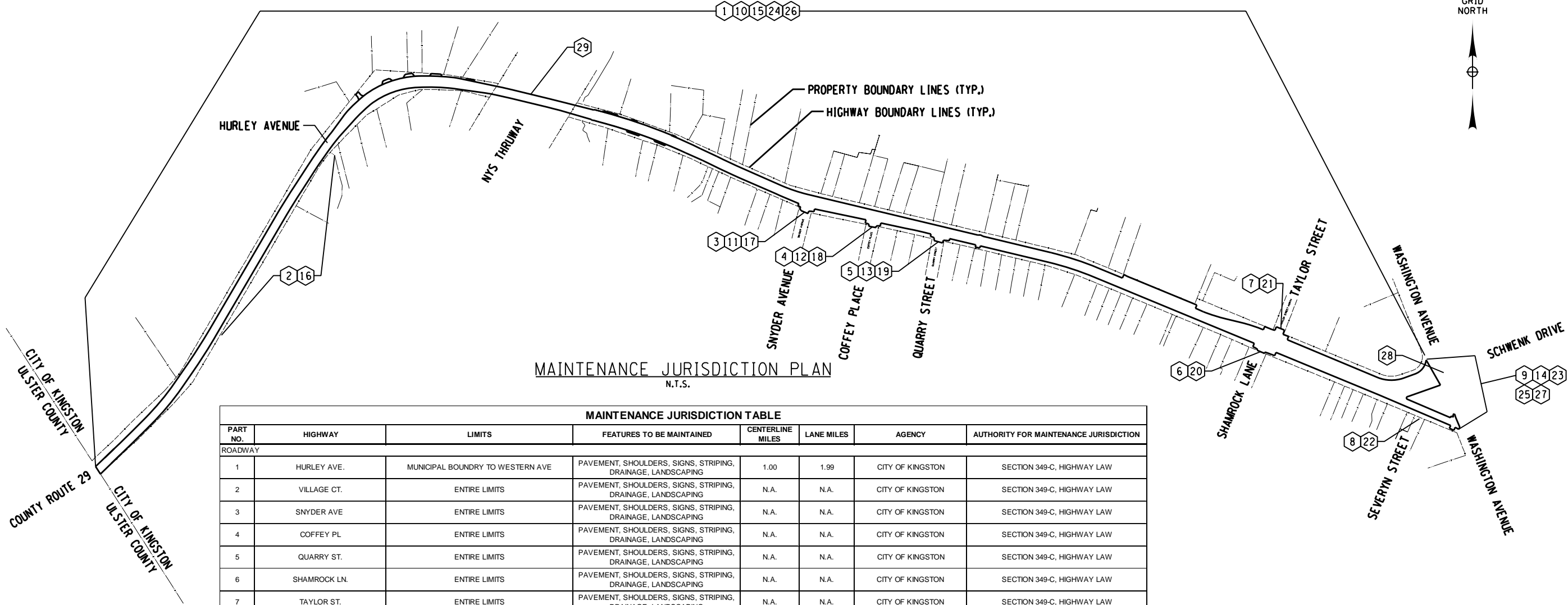
WORK ZONE TRAFFIC CONTROL ADVANCED POSTING PLAN

SCALE: 1:400

DATE ISSUED: 5/2019

DRAWING WZTC-3

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____



MAINTENANCE JURISDICTION PLAN
N.T.S.

MAINTENANCE JURISDICTION TABLE							
PART NO.	HIGHWAY	LIMITS	FEATURES TO BE MAINTAINED	CENTERLINE MILES	LANE MILES	AGENCY	AUTHORITY FOR MAINTENANCE JURISDICTION
ROADWAY							
1	HURLEY AVE.	MUNICIPAL BOUNDARY TO WESTERN AVE	PAVEMENT, SHOULDERS, SIGNS, STRIPING, DRAINAGE, LANDSCAPING	1.00	1.99	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
2	VILLAGE CT.	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIGNS, STRIPING, DRAINAGE, LANDSCAPING	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
3	SNYDER AVE	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIGNS, STRIPING, DRAINAGE, LANDSCAPING	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
4	COFFEY PL	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIGNS, STRIPING, DRAINAGE, LANDSCAPING	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
5	QUARRY ST.	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIGNS, STRIPING, DRAINAGE, LANDSCAPING	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
6	SHAMROCK LN.	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIGNS, STRIPING, DRAINAGE, LANDSCAPING	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
7	TAYLOR ST.	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIGNS, STRIPING, DRAINAGE, LANDSCAPING	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
8	SEVERYN ST.	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIGNS, STRIPING, DRAINAGE, LANDSCAPING	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
9	WASHINGTON AVE.	50ft TO EITHER SIDE OF HURLEY AVE.	PAVEMENT, SHOULDERS, SIGNS, STRIPING, DRAINAGE, LANDSCAPING	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
SIDEWALKS							
10	HURLEY AVE.	MUNICIPAL BOUNDARY TO WESTERN AVE	SIDEWALK	1.00	1.99	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
11	SNYDER AVE	ENTIRE LIMITS	SIDEWALK	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
12	COFFEY PL	ENTIRE LIMITS	SIDEWALK	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
13	QUARRY ST.	ENTIRE LIMITS	SIDEWALK	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
14	WASHINGTON AVE.	50ft TO EITHER SIDE OF HURLEY AVE.	SIDEWALK	0.06	0.13	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW
SNOW & ICE REMOVAL							
15	HURLEY AVE.	MUNICIPAL BOUNDARY TO WESTERN AVE	PAVEMENT, SHOULDERS, SIDEWALK	1.00	1.99	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW SECTION 10-25
16	VILLAGE CT.	ENTIRE LIMITS	PAVEMENT, SHOULDERS	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW SECTION 10-25
17	SNYDER AVE	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIDEWALK	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW SECTION 10-25
18	COFFEY PL	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIDEWALK	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW SECTION 10-25
19	QUARRY ST.	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIDEWALK	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW SECTION 10-25
20	SHAMROCK LN.	ENTIRE LIMITS	PAVEMENT, SHOULDERS, SIDEWALK	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW SECTION 10-25
21	TAYLOR ST.	ENTIRE LIMITS	PAVEMENT, SHOULDERS	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW SECTION 10-25
22	SEVERYN ST.	ENTIRE LIMITS	PAVEMENT, SHOULDERS	N.A.	N.A.	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW SECTION 10-25
23	WASHINGTON AVE.	50ft TO EITHER SIDE OF HURLEY AVE.	PAVEMENT, SHOULDERS, SIDEWALK	0.06	0.13	CITY OF KINGSTON	SECTION 349-C, HIGHWAY LAW SECTION 10-25
LIGHTING							
24	HURLEY AVE.	MUNICIPAL BOUNDARY TO WESTERN AVE	OVERHEAD STREET LIGHTING	1.00	1.99	CITY OF KINGSTON / NATIONAL GRID	SECTION 349-B, HIGHWAY LAW
25	WASHINGTON AVE.	50ft TO EITHER SIDE OF HURLEY AVE.	OVERHEAD STREET LIGHTING	0.06	0.13	CITY OF KINGSTON / NATIONAL GRID	SECTION 349-B, HIGHWAY LAW
MOWING							
26	HURLEY AVE.	MUNICIPAL BOUNDARY TO WESTERN AVE	LANDSCAPING WITH HIGHWAY BOUNDARY	1.00	1.99	CITY OF KINGSTON	SECTION 46, HIGHWAY LAW
27	WASHINGTON AVE.	50ft TO EITHER SIDE OF HURLEY AVE.	LANDSCAPING WITH HIGHWAY BOUNDARY	0.06	0.13	CITY OF KINGSTON	SECTION 46, HIGHWAY LAW
TRAFFIC SIGNALS							
28	HURLEY AVE.	WASHINGTON AVE.	TRAFFIC SIGNALS	N.A.	N.A.	CITY OF KINGSTON	SECTION 12, HIGHWAY LAW
STRUCTURES							
29	HURLEY AVE.	I-87 UNDERPASS	ENTIRE STRUCTURE	110ft.	110ft.	NYS DOT	SECTION 349-C, HIGHWAY LAW SECTION 10-25

NOTES:

- PART NO. REFERS TO CORRESPONDING NUMBERS ON THE PLAN
- ALL EXISTING MUNICIPALITY OR PRIVATELY OWNED UTILITIES WITHIN THE LIMITS OF THE HIGHWAY R.O.W. WHICH REMAIN IN SERVICE UNCHANGED, AND ALL SUCH FACILITIES RELOCATED OR PROTECTED AS A PART OF THE WORK PERFORMED UNDER THIS PROJECT, WHETHER CROSSING, LOCATED WITHIN OR ADJACENT TO THE R.O.W., SHALL BE MAINTAINED AS THE CASE MAY BE, BY THE MUNICIPALITY OR BY THE AGENCY OR UNIT OWNING OR HAVING CONTROL AND JURISDICTION THEREOF.
- THE PORTION OF A DRIVEWAY OR SIDE STREET, CONSTRUCTED OR ADJUSTED UNDER THE PROJECT BETWEEN THE EDGE OF PAVEMENT AND THE OUTSIDE EDGE OF SHOULDER OR PARKING LANE SHALL BE MAINTAINED BY THE APPROPRIATE AGENCY. THE REMAINING PORTION OF THE ADJUSTED DRIVEWAY BEYOND THE OUTSIDE EDGE OF SHOULDER SHALL BE MAINTAINED BY THE OWNER.



Barton & Loguidice

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

HURLEY AVENUE PAVING
AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

MAINTENANCE
JURISDICTION

SCALE: NONE

DATE ISSUED: 5/2019

DRAWING
MJ-1

NO. DATE BY REVISION

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

TABLE OF WHITE EPOXY REFLECTORIZED PAVEMENT STRIPING - ITEM 685.01							
STATION		SIDE	LINE TYPE	WIDTH (INCH)	LENGTH (FT)	FACTOR	QUANTITY (LF)
FROM	TO						
H 12+09.0	H 42+01.0	RT	xEL	4	2992.0	1.0	2992.0
H 42+01.0	H 42+45.0	RT	xDLL	4	44.0	0.25	11.0
H 42+01.0	H 42+45.0	RT	xDLL	4	44.0	0.25	11.0
H 42+45.0	H 44+19.0	RT	xEL	4	174.0	1.0	174.0
H 44+19.0	H 44+57.0	RT	xDLL	4	38.0	0.25	9.5
H 44+19.0	H 44+57.0	RT	xDLL	4	38.0	0.25	9.5
H 44+57.0	H 46+39.0	RT	xEL	4	182.0	1.0	182.0
H 46+39.0	H 46+93.0	RT	xDLL	4	54.0	0.25	13.5
H 46+39.0	H 46+89.0	RT	xDLL	4	50.0	0.25	12.5
H 46+93.0	H 47+18.0	RT	xEL	4	25.0	1.0	25.0
H 47+28.0	H 57+47.0	RT	xEL	4	1019.0	1.0	1019.0
H 57+59.0	H 58+13.0	RT	xDLL	4	54.0	0.25	13.5
H 57+57.0	H 58+13.0	RT	xDLL	4	56.0	0.25	14.0
H 58+25.0	H 59+75.0	RT	xEL	4	150.0	1.0	150.0
H 58+24.0	H 59+20.0	RT	xEL	8	96.0	2.0	192.0
H 59+20.0	H 59+75.0	RT	xEL	4	55.0	1.0	55.0
H 59+75.0	H 60+15.0	RT	xDLL	4	40.0	0.25	10.0
H 59+75.0	H 60+15.0	RT	xDLL	4	40.0	0.25	10.0
H 60+15.0	H 61+57.0	RT	xEL	4	142.0	1.0	142.0
H 60+15.0	H 61+57.0	RT	xEL	4	142.0	1.0	142.0
H 61+57.0	HS 10+70.0	RT	xDLL	4	70.0	0.25	17.5
H 61+57.0	HS 10+70.0	RT	xDLL	4	70.0	0.25	17.5
HS 10+70.0	H 62+55.0	RT	xDLL	4	43.0	0.25	10.8
HS 10+70.0	H 62+55.0	RT	xDLL	4	46.0	0.25	11.5
H 62+55.0	H 63+42.0	RT	xLL	4	87.0	1.0	87.0
H 62+55.0	H 63+42.0	RT	xLL	4	87.0	1.0	87.0
H 12+13.0	H 30+74.0	LT	xEL	4	1861.0	1.0	1861.0
H 31+25.0	H 47+18.0	LT	xEL	4	1593.0	1.0	1593.0
H 47+28.0	H 55+52.0	LT	xEL	4	824.0	1.0	824.0
H 55+52.0	H 57+55.0	LT	xLL	4	203.0	1.0	203.0
H 55+52.0	H 57+55.0	LT	xEL	4	205.0	1.0	205.0
H 57+68.0	H 58+22.0	LT	xDLL	4	54.0	0.25	13.5
H 57+68.0	H 58+22.0	LT	xDLL	4	54.0	0.25	13.5
H 58+33.0	H 59+30.0	LT	xEL	4	97.0	1.0	97.0
H 58+34.0	H 59+30.0	LT	xEL	8	96.0	2.0	192.0
H 59+30.0	H 60+40.0	LT	xDLL	4	110.0	0.25	27.5
H 59+30.0	H 60+40.0	LT	xDLL	4	110.0	0.25	27.5
H 60+40.0	H 61+00.0	LT	xEL	4	60.0	1.0	60.0
H 60+40.0	H 61+00.0	LT	xLL	4	60.0	1.0	60.0
H 61+00.0	H 61+58.0	LT	xDLL	4	58.0	0.25	14.5
H 61+00.0	H 61+45.0	LT	xDLL	4	45.0	0.25	11.3
H 61+00.0	H 61+45.0	LT	xLL	4	45.0	1.0	45.0
H 61+58.0	H 62+97.0	LT	xLL	4	139.0	1.0	139.0
H 61+58.0	H 62+97.0	LT	xLL	4	139.0	1.0	139.0
H 62+97.0	H 63+25.0	LT	xDLL	4	28.0	0.25	7.0
H 62+97.0	H 63+25.0	LT	xDLL	4	28.0	0.25	7.0
TOTAL							10958.5

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON :

TABLE OF YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPING - ITEM 685.02							
STATION		SIDE	LINE TYPE	WIDTH (INCH)	LENGTH (FT)	FACTOR	QUANTITY (LF)
FROM	TO						
H 12+11.0	H 41+95.0	CL	xSDL	4	2984.0	2.0	5968.0
H 42+40.0	H 44+22.0	CL	xSDL	4	182.0	2.0	364.0
H 44+61.0	H 46+39.0	CL	xSDL	4	178.0	2.0	356.0
H 46+80.0	H 47+18.0	CL	xSDL	4	38.0	2.0	76.0
H 47+28.0	H 57+52.0	CL	xSDL	4	1024.0	2.0	2048.0
H 58+30.0	H 59+75.0	CL	xSDL	4	145.0	2.0	290.0
H 60+15.0	H 62+52.0	CL	xSDL	4	237.0	2.0	474.0
H 58+05.0		LT	xSDL	4	75.0	2.0	150.0
TOTAL							9726.0

TABLE OF WHITE EPOXY REFLECTORIZED PAVEMENT LETTERS - ITEM 685.03				
STATION	DESCRIPTION	OFFSET (FT)	SIDE	QUANTITY (EA.)
H 60+80.0	ONLY	21.0	LT	4
H 62+46.0	ONLY	5.5	RT	4
H 63+05.0	ONLY	5.5	RT	4
TOTAL				12

TABLE OF WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - ITEM 685.04				
STATION	DESCRIPTION	OFFSET (FT)	SIDE	QUANTITY (EA.)
H 35+16.0	BICYCLE RIDER WITH ARROW	13.5	RT	1
H 36+68.0	BICYCLE RIDER WITH ARROW	13.5	RT	1
H 38+80.0	BICYCLE RIDER WITH ARROW	13.5	RT	1
H 40+80.0	BICYCLE RIDER WITH ARROW	13.5	RT	1
H 42+80.0	BICYCLE RIDER WITH ARROW	17.0	RT	1
H 44+91.0	BICYCLE RIDER WITH ARROW	14.0	RT	1
H 47+55.0	BICYCLE RIDER WITH ARROW	13.5	RT	1
H 49+55.0	BICYCLE RIDER WITH ARROW	13.5	RT	1
H 51+55.0	BICYCLE RIDER WITH ARROW	13.5	RT	1
H 53+55.0	BICYCLE RIDER WITH ARROW	13.5	RT	1
H 56+12.0	BICYCLE RIDER WITH ARROW	14.0	RT	1
H 57+27.0	BICYCLE RIDER WITH ARROW	22.0	RT	1
H 58+43.0	BICYCLE RIDER WITH ARROW	13.5	RT	1
H 61+50.0	BICYCLE RIDER WITH ARROW	13.5	RT	1
H 62+65.0	LEFT ARROW	5.5	RT	1
H 62+65.0	STRAIGHT ARROW	16.5	RT	1
H 62+65.0	SHARROW	27.5	RT	1
H 63+20.0	LEFT ARROW	5.5	RT	1
H 63+20.0	STRAIGHT ARROW	16.5	RT	1
H 63+20.0	SHARROW	27.5	RT	1
H 36+22.0	BICYCLE RIDER WITH ARROW	13.5	LT	1
H 38+18.0	BICYCLE RIDER WITH ARROW	13.5	LT	1
H 40+20.0	BICYCLE RIDER WITH ARROW	13.5	LT	1
H 42+20.0	BICYCLE RIDER WITH ARROW	17.0	LT	1
H 44+20.0	BICYCLE RIDER WITH ARROW	16.0	LT	1
H 46+20.0	BICYCLE RIDER WITH ARROW	13.5	LT	1
H 48+46.0	BICYCLE RIDER WITH ARROW	13.5	LT	1
H 50+56.0	BICYCLE RIDER WITH ARROW	13.5	LT	1
H 53+44.0	BICYCLE RIDER WITH ARROW	13.5	LT	1
H 55+70.0	BICYCLE RIDER WITH ARROW	14.0	LT	1
H 57+40.0	BICYCLE RIDER WITH ARROW	24.0	LT	1
H 59+20.0	BICYCLE RIDER WITH ARROW	13.5	LT	1
H 60+51.0	BICYCLE RIDER WITH ARROW	13.5	LT	1
H 60+65.0	RIGHT ARROW	15.0	LT	1
H 61+60.0	BICYCLE RIDER WITH ARROW	18.0	LT	1
H 62+93.0	BICYCLE RIDER WITH ARROW	25.5	LT	1
TOTAL				36.0

STRUCTURE ADJUSTMENTS							
STATION	OFFSET	SIDE	ITEM 604.0708YY		ITEM 655.11010001 (EA)	ITEM 621.04 (EA)	DESCRIPTION / NOTES
			YY	STRUCTURE TYPE			
H 25+30.0	16.0	RIGHT	01	DRAINAGE	1.0	1.0	37" x 20.5" x 3"
H 26+57.0	18.8	RIGHT	02	DRAINAGE	1.0	1.0	37" x 20.5" x 3"
H 26+57.0	20.0	LEFT	03	DRAINAGE	1.0	1.0	25.25" x 25.25" x 1.75"
H 28+68.0	18.5	RIGHT	04	DRAINAGE	1.0	1.0	37" x 20.5" x 3"
H 30+22.0	16.7	RIGHT	05	DRAINAGE	1.0	1.0	37" x 20.5" x 3"
H 31+65.0	16.5	RIGHT	06	DRAINAGE	1.0	1.0	24" x 24" x 1.75"
H 37+00.0	16.8	RIGHT	07	SEWER	-	-	-
H 37+96.0	14.5	RIGHT	08	SEWER	-	-	-
H 41+24.0	12.0	RIGHT	09	SEWER	-	-	-
H 44+39.0	43.0	RIGHT	10	SEWER	-	-	-
H 44+32.0	23.0	RIGHT	11	SEWER	-	-	-
H 46+36.0	16.0	RIGHT	12	DRAINAGE	1.0	1.0	25.5" x 16.75" x 1.5"
H 46+62.0	17.5	RIGHT	13	SEWER	-	-	-
H 46+65.0	21.0	RIGHT	14	SEWER	-	-	-
H 53+67.0	0.0	CENTER	15	SEWER	-	-	-
H 54+63.0	16.0	RIGHT	16	DRAINAGE	1.0	1.0	48" x 24" x 3.5"
H 55+60.0	1.0	LEFT	17	SEWER	-	-	-
H 56+21.0	19.5	LEFT	18	DRAINAGE	1.0	1.0	48" x 24" x 3.5"
H 56+23.0	17.2	RIGHT	19	DRAINAGE	1.0	1.0	48" x 22" x 3.5"
H 57+69.0	13.0	RIGHT	20	SEWER	-	-	-
H 57+87.0	25.0	RIGHT	21	SEWER	-	-	-
H 58+05.0	16.0	LEFT	22	SEWER	-	-	-
H 59+41.0	16.0	LEFT	23	SEWER	-	-	-
H 59+64.0	10.0	RIGHT	24	SEWER	-	-	-
H 62+12.0	9.0	LEFT	25	SEWER	-	-	-
HS 10+63.0	9.0	RIGHT	26	SEWER	-	-	-
HS 11+96.0	5.5	RIGHT	27	SEWER	-	-	-
TOTAL					10.0	10.0	
ITEM 604.0708YY - ALTERING DRAINAGE STRUCTURES, LEACHING BASINS, AND MANHOLES ITEM 621.04 - CLEAN DRAINAGE STRUCTURES ITEM 655.11010001 - REMOVE OLD, FURNISH AND INSTALL NEW GRATE							

ADJUST EXISTING VALVE BOX ELEVATIONS - ITEM 663.33			
STATION	OFFSET (LF)	SIDE	QUANTITY (EA.)
H 31+25.0	9.0	LEFT	1.0
H 37+29.0	8.0	LEFT	1.0
H 39+01.0	5.0	LEFT	1.0
H 42+12.0	9.0	LEFT	1.0
H 42+21.0	12.0	LEFT	1.0
H 42+26.0	11.0	LEFT	1.0
H 42+26.0	17.0	LEFT	1.0
H 44+46.0	9.0	LEFT	1.0
H 44+86.0	10.0	LEFT	1.0
H 46+51.0	15.0	RIGHT	1.0
H 46+55.0	9.0	LEFT	1.0
H 46+66.0	10.0	RIGHT	1.0
H 48+07.0	10.0	LEFT	1.0
H 49+16.0	11.0	LEFT	1.0
H 51+31.0	11.0	LEFT	1.0
H 52+84.0	12.0	LEFT	1.0
H 57+65.0	2.0	RIGHT	1.0
H 57+74.0	3.0	LEFT	1.0
H 58+17.0	3.5	LEFT	1.0
H 60+27.0	20.5	RIGHT	1.0
HS 10+97.0	4.0	LEFT	1.0
HS 11+08.0	6.0	LEFT	1.0
HS 11+36.0	17.0	RIGHT	1.0
HS 11+81.0	18.0	RIGHT	1.0
TOTALS			25.0

TABLE OF EMBEDDED DETECTABLE WARNING UNITS AND SIDEWALK RAMPS			
STATION	SIDE	RAMP TYPE	ITEM 608.21000003 (SY)
H 42+04.0	RT	4	1.3
H 42+35.0	RT	1	1.1
H 44+26.0	RT	1	1.1
H 44+53.0	RT	1	1.1
H 46+42.0	RT	1	1.1
H 46+82.0	RT	1	1.1
H 57+51.0	RT	5	1.1
H 57+60.0	RT	5	1.1
H 57+64.0	LT	5	1.1
H 57+77.0	RT	5	1.1
H 57+77.0	LT	5	1.1
H 58+16.0	RT	5	1.1
H 58+23.0	LT	5	1.1
H 58+32.0	LT	5	1.1
HS 12+80.0	LT	4	2.2
HS 12+86.0	RT	5	1.1
TOTAL			19.0



Barton & Loguidice

HURLEY AVENUE PAVING
AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

MISCELLANEOUS
TABLES

SCALE: NONE

DATE ISSUED: 5/2019

DRAWING
MT-1

NO. DATE BY REVISION

UNAUTHORIZED ALTERATION OR ADDITION TO THIS
DRAWING IS A VIOLATION OF THE NEW YORK STATE
EDUCATION LAW ARTICLE 145

CENTERLINE STATION	SIDE	LENGTH (LF)	DESCRIPTION
H 12+11.0	CL	28.5	BEGIN PROJECT
H 42+16.0	RT	24.5	SNYDER AVENUE TIE-IN
H 44+40.0	RT	24.0	COFFEY PLACE TIE-IN
H 46+59.0	RT	29.5	QUARRY STREET TIE-IN
H 57+74.0	RT	24.0	SHAMROCK LANE TIE-IN
H 58+05.0	LT	66.0	TAYLOR STREET TIE-IN
H 63+62.0	CL	94.0	END PROJECT
HS 12+91.0	CL	56.0	LIMIT OF WORK
H 41+91.0	RT	5.0	SIDEWALK RECONSTRUCTION
H 42+03.0	RT	4.0	SIDEWALK RECONSTRUCTION
H 42+46.0	RT	5.0	SIDEWALK RECONSTRUCTION
H 44+15.0	RT	5.0	SIDEWALK RECONSTRUCTION
H 44+64.0	RT	5.0	SIDEWALK RECONSTRUCTION
H 46+31.0	RT	5.0	SIDEWALK RECONSTRUCTION
H 46+93.0	RT	5.0	SIDEWALK RECONSTRUCTION
H 47+81.0	RT	5.0	SIDEWALK RECONSTRUCTION
H 47+96.0	RT	5.0	SIDEWALK RECONSTRUCTION
H 52+68.0	LT	5.0	SIDEWALK RECONSTRUCTION
H 55+25.0	LT	5.0	SIDEWALK RECONSTRUCTION
H 57+43.0	RT	11.5	SIDEWALK RECONSTRUCTION
H 57+56.0	LT	10.5	SIDEWALK RECONSTRUCTION
H 58+21.0	RT	11.5	SIDEWALK RECONSTRUCTION
H 58+39.0	LT	10.5	SIDEWALK RECONSTRUCTION
HS 12+68.0	LT	4.5	SIDEWALK RECONSTRUCTION
HS 12+78.0	RT	10.0	SIDEWALK RECONSTRUCTION
HS 12+95.0	RT	10.0	SIDEWALK RECONSTRUCTION
W 11+11.0	LT	4.5	SIDEWALK RECONSTRUCTION
H 47+88.0	CL	75.0	DRAINAGE PIPE INSTALLATION
TOTAL		548.5	

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON:

[illegible]

FILE NAME = L:\MSTN Projects\1600\1696.007.121 - Hurley Avenue\MSTN\PS&E\011.876194.MD 1.dgn
DATE = 5/8/2019
TIME = 9:51:39 AM

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L:\MicroStation\WorkSpace\Plot\NYSDOT\NYSDOT.L15000.B.04.006.plt

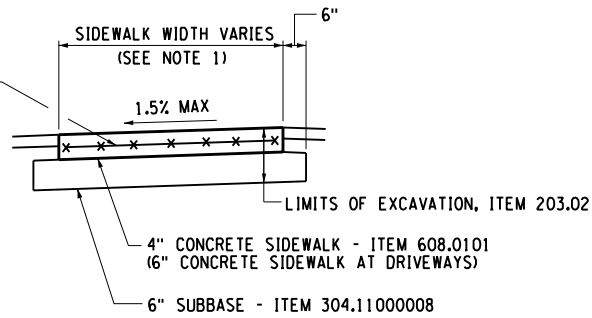
IN CHARGE OF DESIGNED BY CHECKED BY ESTIMATED BY DRAFTED BY CHECKED BY

TABLE OF DRIVEWAYS												
DWY NO.	STATION	SIDE	DRIVEWAY DIMENSIONS						ITEM 203.02 (CY)	ITEM 304.11000008 (CY)	ITEM 608.020102 (TON)	NOTES / DESCRIPTION
			"A" (LF)	"B" (LF)	"C" (LF)	"X" (LF)	SURFACE AREA (SF)	THICKNESS (FT)				
5A	H 26+96.0	LT	0.0	20.4	0.0	12.0	275.0	0.292	8.1	5.1	6.9	DRIVEWAY RECONSTRUCTION
6	H 27+89.0	LT	0.0	10.0	0.0	30.0	300.0	0.292	8.8	5.6	7.5	DRIVEWAY RECONSTRUCTION
7	H 28+58.0	LT	0.0	10.0	0.0	30.0	300.0	0.292	8.8	5.6	7.5	DRIVEWAY RECONSTRUCTION
10	H 29+42.0	LT	0.0	7.3	0.0	36.0	266.0	0.292	7.8	4.9	6.7	DRIVEWAY RECONSTRUCTION
11	H 30+53.0	LT	0.0	5.0	0.0	28.0	136.0	0.292	4.0	2.5	3.4	DRIVEWAY RECONSTRUCTION
14	H 35+17.0	LT	1.3	3.6	0.0	50.0	184.0	0.292	5.4	3.4	4.6	DRIVEWAY RECONSTRUCTION
15	H 35+98.0	LT	1.3	3.6	0.0	20.0	73.0	0.292	2.1	1.4	1.8	DRIVEWAY RECONSTRUCTION
16	H 36+06.0	RT	1.3	5.5	0.0	43.0	234.0	0.292	6.9	4.3	5.9	DRIVEWAY RECONSTRUCTION
17	H 36+89.0	RT	1.3	4.8	0.0	13.9	67.0	0.292	2.0	1.2	1.7	DRIVEWAY RECONSTRUCTION
18	H 37+06.0	RT	1.3	4.8	0.0	24.5	119.0	0.292	3.5	2.2	3.0	DRIVEWAY RECONSTRUCTION
19	H 37+34.0	LT	0.0	2.5	0.0	17.5	44.0	0.292	1.3	0.8	1.1	DRIVEWAY RECONSTRUCTION
48A	H 37+34.0	LT	5.0	5.0	1.0	27.0	175.0	0.292	5.1	3.2	4.4	DRIVEWAY RECONSTRUCTION
48B	H 37+34.0	LT	5.4	5.0	1.0	33.0	120.0	0.292	3.5	2.2	3.0	DRIVEWAY RECONSTRUCTION
TOTAL									67.3	42.5	57.4	

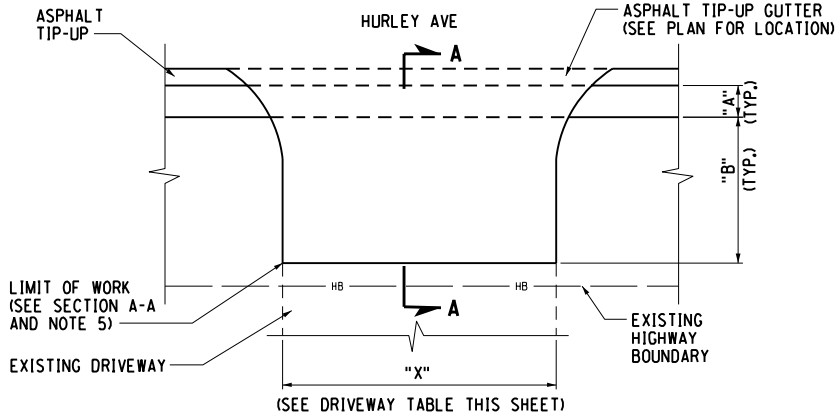
ITEM 203.02 - UNCLASSIFIED EXCAVATION
ITEM 304.11000008 - SUBBASE COURSE (MODIFIED)
ITEM 608.020102 - HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS, BICYCLE PATHS AND VEGETATION CONTROL STRIPS

REINFORCEMENT SHALL EITHER BE WWF MADE OF W2.9 OR W3 WIRE AT 6 INCH CENTERS PLACED AT MID DEPTH OR FIBERS AT 1.5 POUNDS PER CUBIC YARD, PAYMENT INCLUDED UNDER ITEM 608.0101

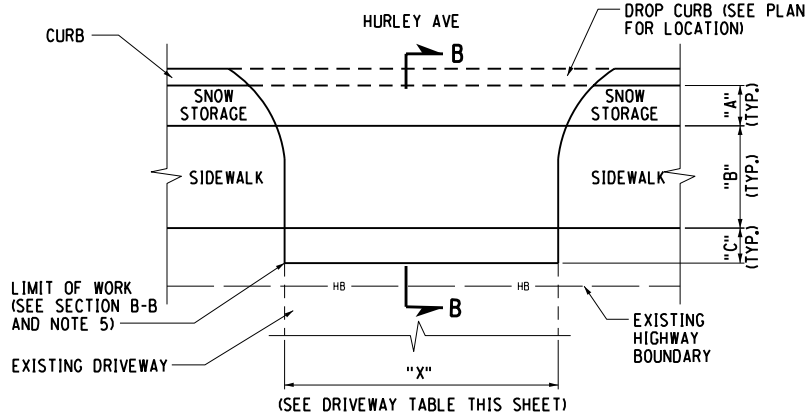
CONCRETE SIDEWALK DETAIL NOTES:
1. ADDITIONAL CONSTRUCTION DETAILS ARE PROVIDED IN NYSDOT STANDARD SPECIFICATION 608-3.



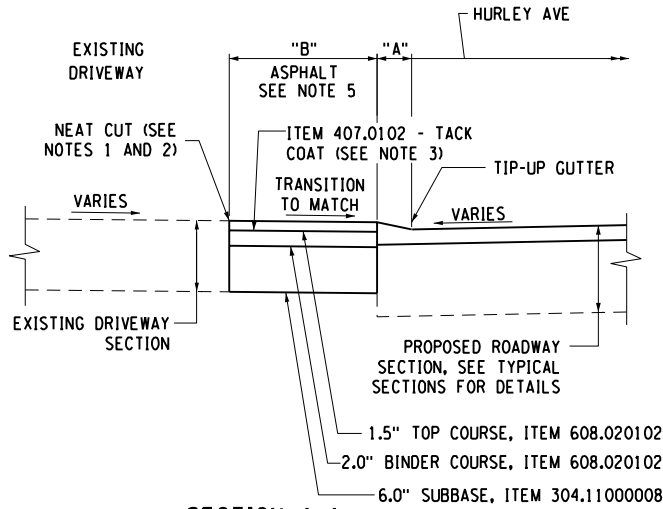
CONCRETE SIDEWALK DETAIL
N.T.S.



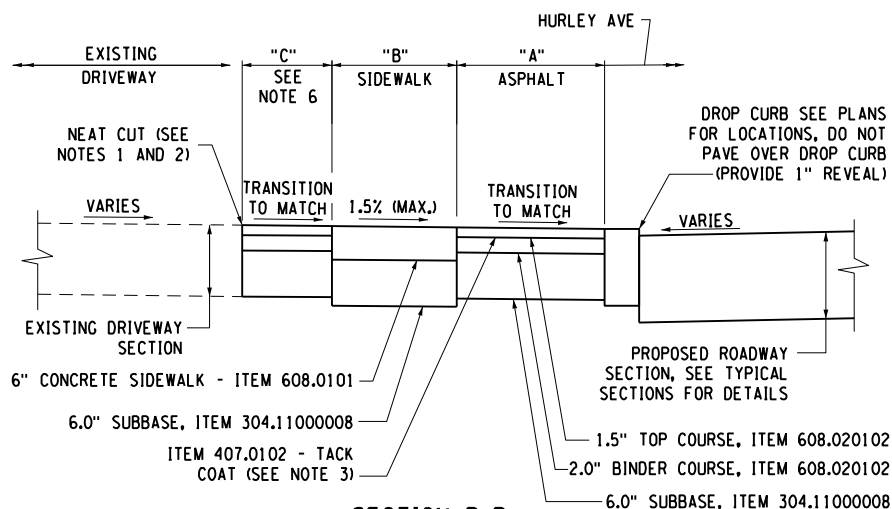
DRIVEWAY DETAIL
N.T.S.



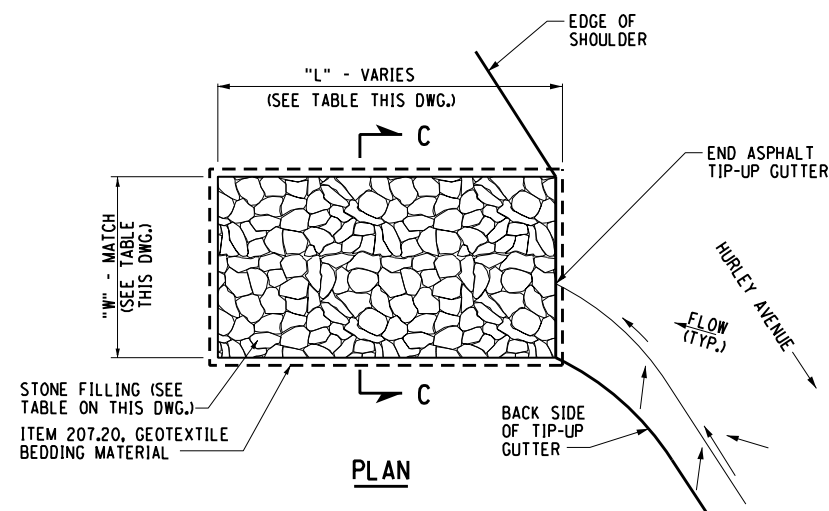
DRIVEWAY DETAIL
N.T.S.



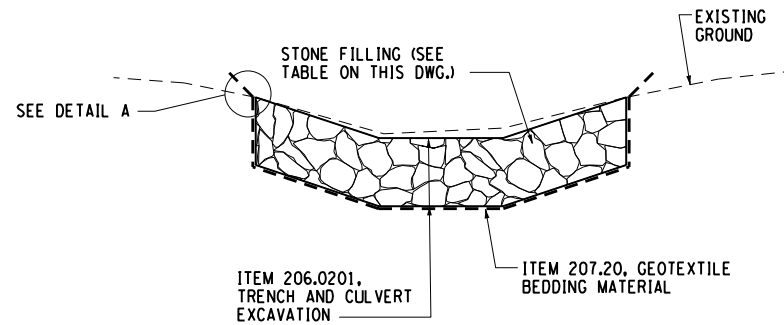
SECTION A-A
N.T.S.



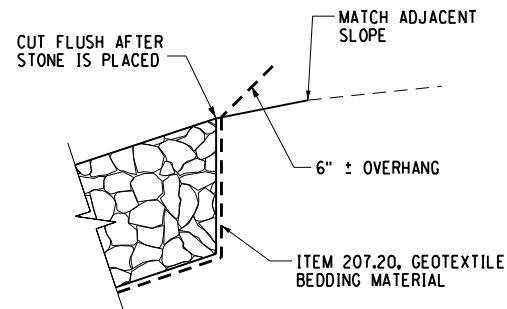
SECTION B-B
N.T.S.



PLAN



SECTION C-C



DETAIL A

STONE APRON DETAILS

NTS

STONE APRON TABLE				
STATION	"L" LENGTH	"W" WIDTH	"D" DEPTH	MATERIAL
H 34+65.0, L.T.	6'-0"	5'-3"	18"	ITEM 620.03
H 34+65.0, RT.	12'-0"	5'-3"	18"	ITEM 620.03

DRIVEWAY NOTES:

- 1.SAWCUT AT LOCATIONS WHERE NEAT EDGE CAN BE ATTAINED AS APPROVED BY THE ENGINEER.
- 2.CONSTRUCT DRIVEWAY SECTIONS SO THAT THE DRIVEWAY PAVEMENT IS FLUSH WITH THE FINISHED GRADE OF THE SIDEWALK AND/OR CURB OR GUTTER.
- 3.PLACE TACK COAT BETWEEN LIFTS OF ASPHALT. THE COST OF TACK COATING FOR ASPHALT DRIVEWAYS SHALL BE INCLUDED UNDER ITEM 608.020102.
- 4.ALL SAWCUT JOINTS SHALL BE SEALED WITH AN APPROVED ASPHALT EMULSION SEALANT. THE COST OF SAWCUTTING AND SEALANT SHALL BE INCLUDED UNDER ITEM 608.020102.
- 5.LIMITS OF DRIVEWAY RECONSTRUCTION BEHIND TIP-UP GUTTER SHALL BE AT THE EXISTING HIGHWAY BOUNDARY OR AOB. A SMOOTH TRANSITION SHALL BE MADE BETWEEN THE EXISTING PAVEMENT/GROUND AND THE PROPOSED ASPHALT.
6. LIMITS OF DRIVEWAY RECONSTRUCTION BEHIND DROP CURB SHALL BE AT THE EXISTING HIGHWAY BOUNDARY OR AOB. A SMOOTH TRANSITION SHALL BE MADE BETWEEN THE EXISTING PAVEMENT/GROUND AND THE PROPOSED ASPHALT.

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON:



Barton & Loguidice

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

HURLEY AVENUE PAVING AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

MISCELLANEOUS DETAILS

SCALE: AS SHOWN

DATE ISSUED: 5/2019

DRAWING
MD-1

CHECKED BY _____

DRAFTED BY

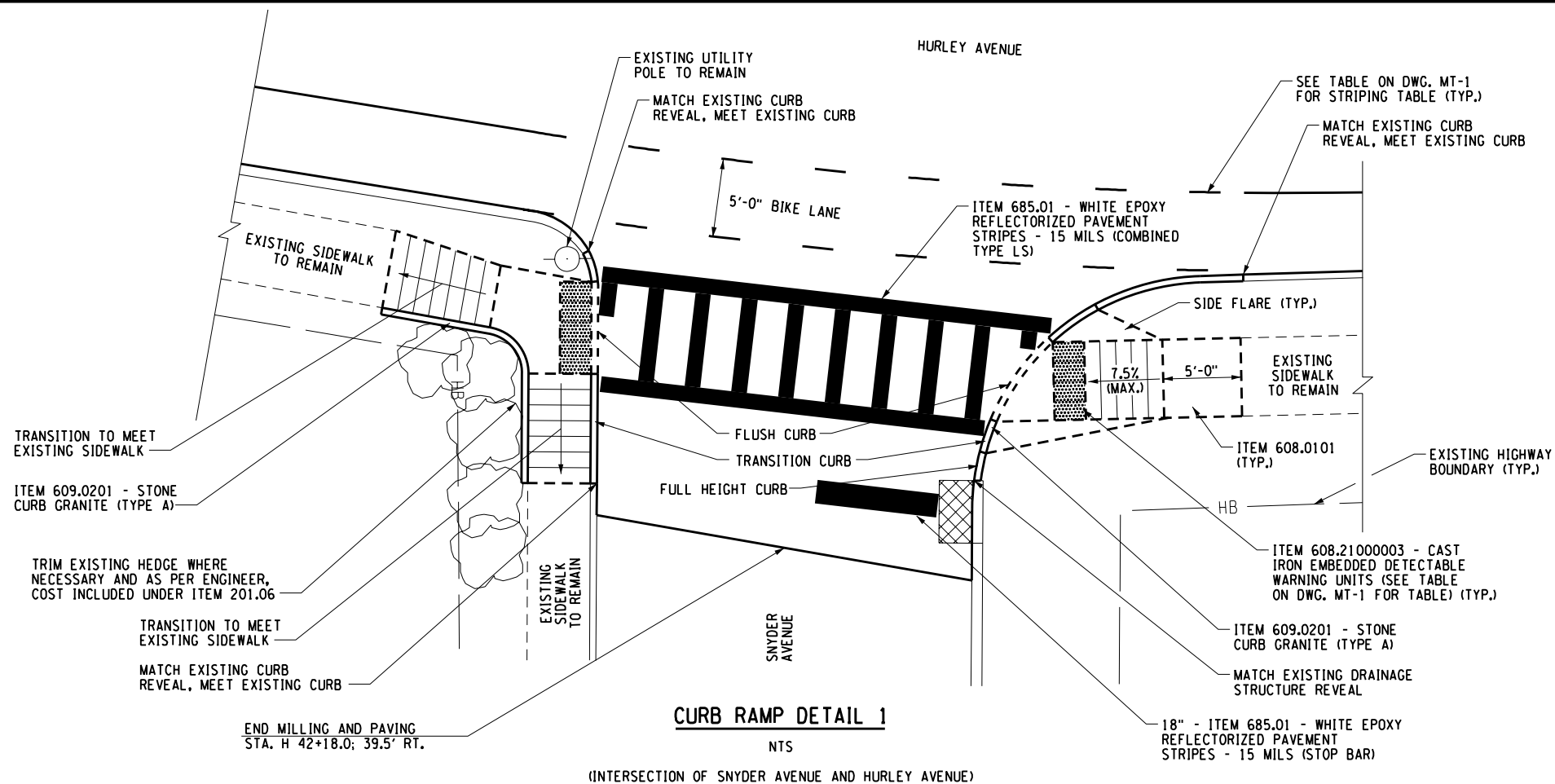
CHECKED BY _____

ESTIMATED BY

CHECKED BY _____

DESIGNED BY —

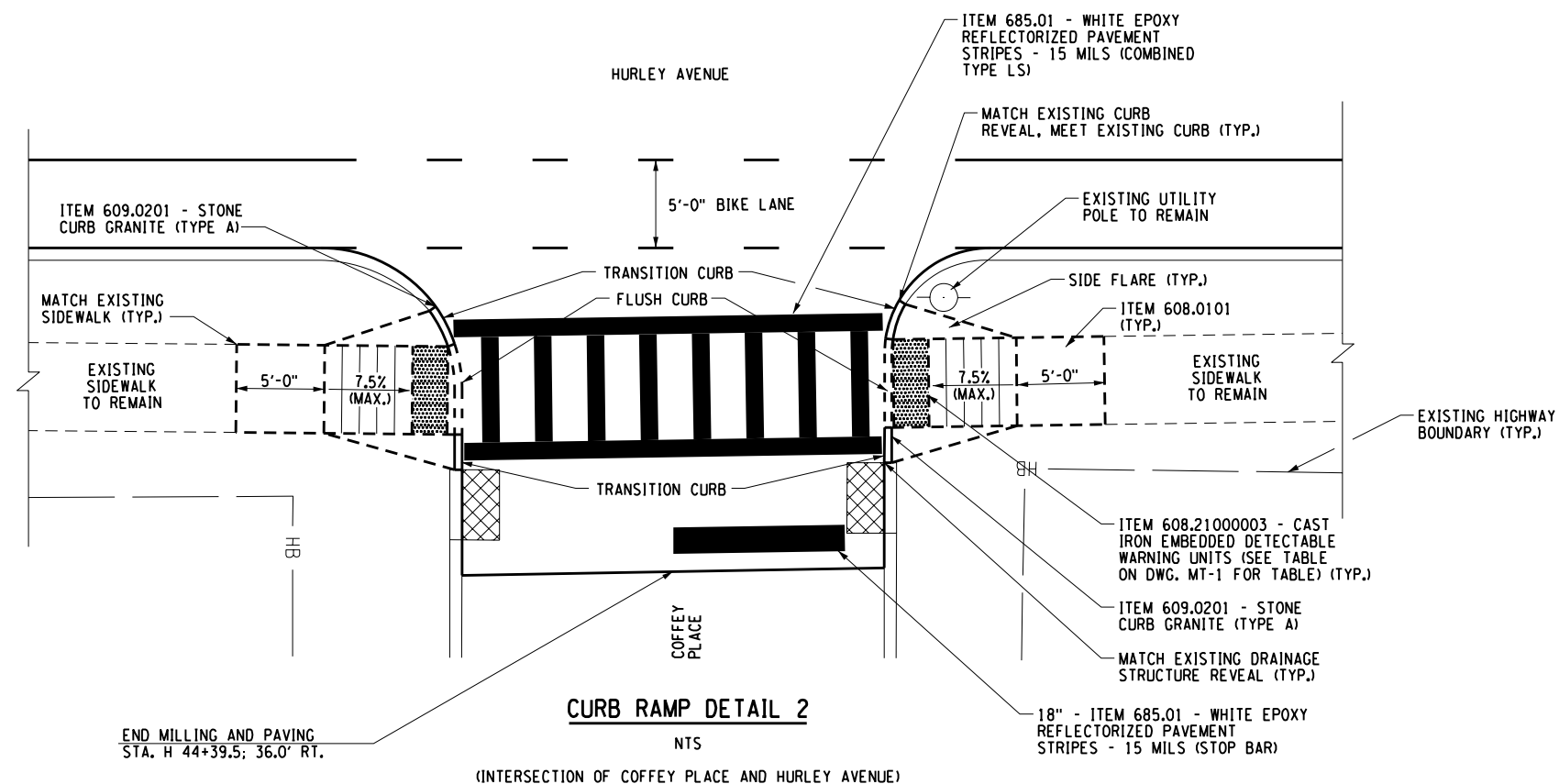
IN CHARGE OF _____



NOTES:

1. RAMP MINIMUM GRADES AND MAXIMUM SIDEWALK CROSS SLOPE SHALL BE COMPLIED WITH. THE CONTRACTOR AND THE ENGINEER SHALL ADJUST CONSTRUCTION LIMITS WHERE NECESSARY, BASED ON FIELD CONDITIONS TO COMPLY WITH STANDARDS.

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON:

[illegible]

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& Toguidice**

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DRAWING IS A VIOLATION OF THE NEW YORK STATE
EDUCATION LAW, ARTICLE 145, SECTION 7209

**THURLEY AVENUE PAVING
AND COMPLETE STREETS**

CITY OF KINGSTON

ULSTER COUNTY

P\N 8761.94

MISCELLANEOUS DETAILS

SCALE: NONE

DATE ISSUED: 5/2019

DRAWING

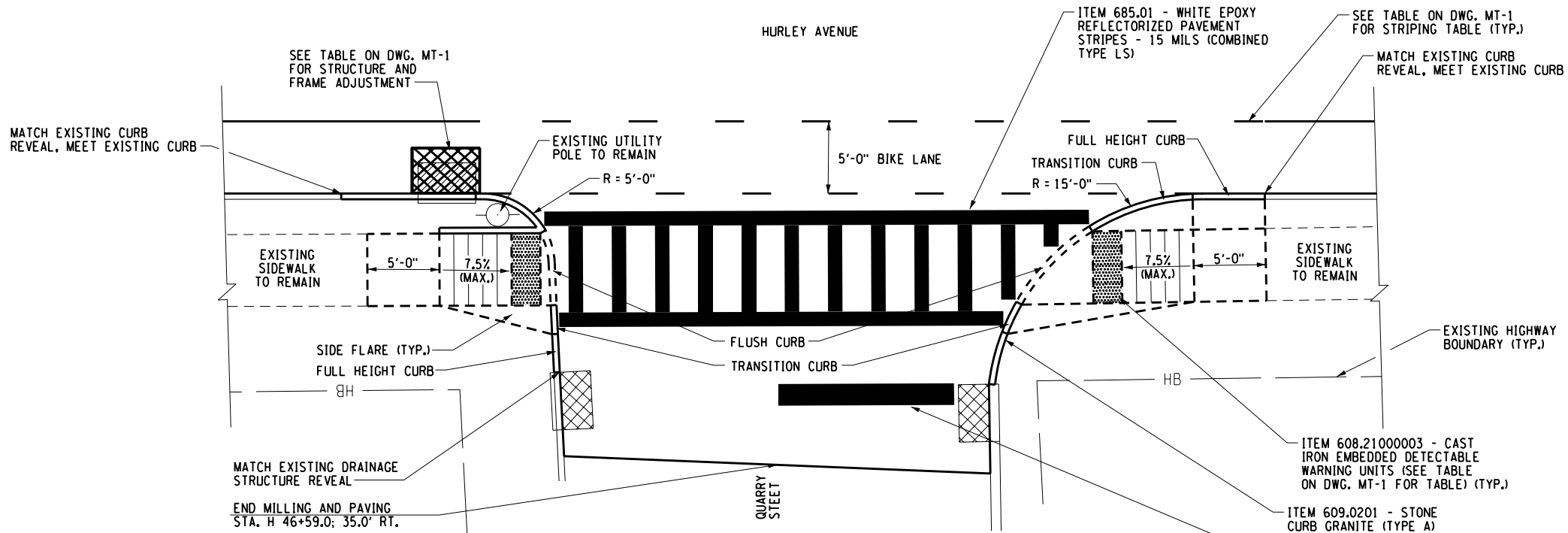
MD-2

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON:

NOTES:

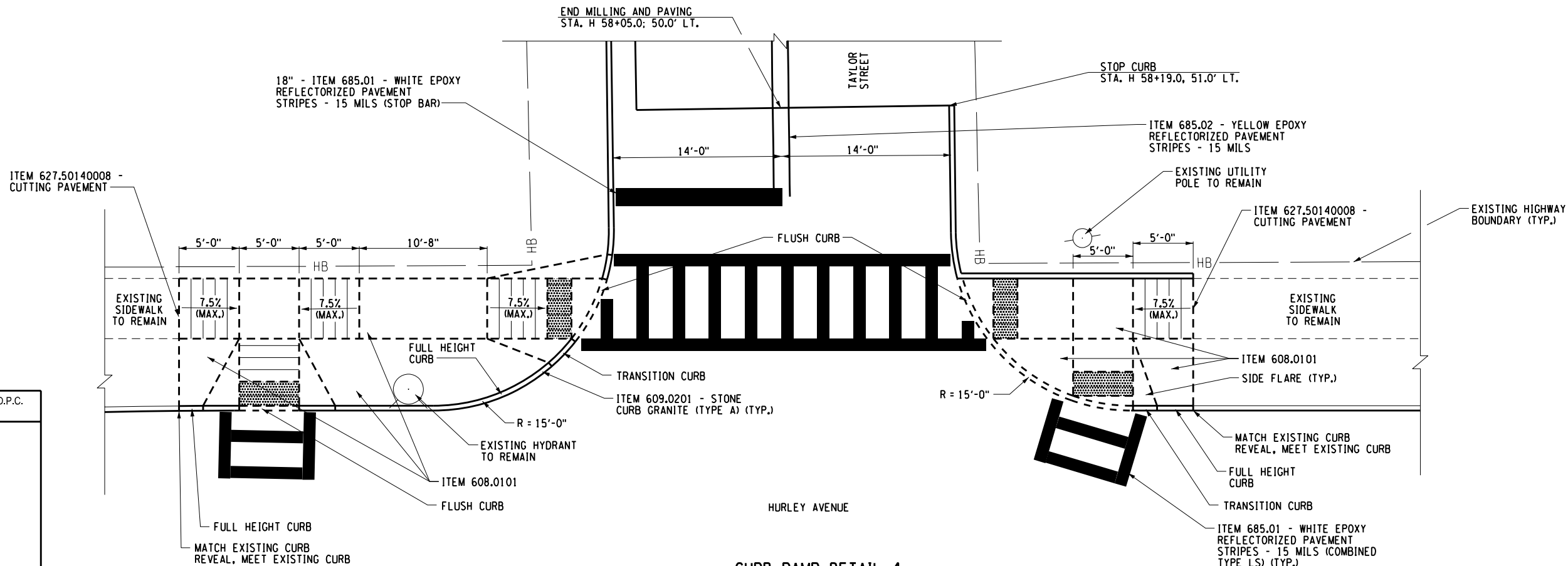
1. RAMP MINIMUM GRADES AND MAXIMUM SIDEWALK CROSS SLOPE SHALL BE COMPLIED WITH. THE CONTRACTOR AND THE ENGINEER SHALL ADJUST CONSTRUCTION LIMITS WHERE NECESSARY, BASED ON FIELD CONDITIONS TO COMPLY WITH STANDARDS.



CURB RAMP DETAIL 3

NTS

(INTERSECTION OF QUARRY STREET AND HURLEY AVENUE)



CURB RAMP DETAIL 4

NTS

(INTERSECTION OF TAYLOR STREET AND HURLEY AVENUE)

30	
NO. DATE BY REVISION	
The City of Kingston, NY	
Barton & Loguidice	
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HURLEY AVENUE PAVING AND COMPLETE STREETS	CITY OF KINGSTON
ULSTER COUNTY	PIN 8761.94
MISCELLANEOUS DETAILS	
SCALE: NONE	
DATE ISSUED: 5/2019	
DRAWING MD-3	

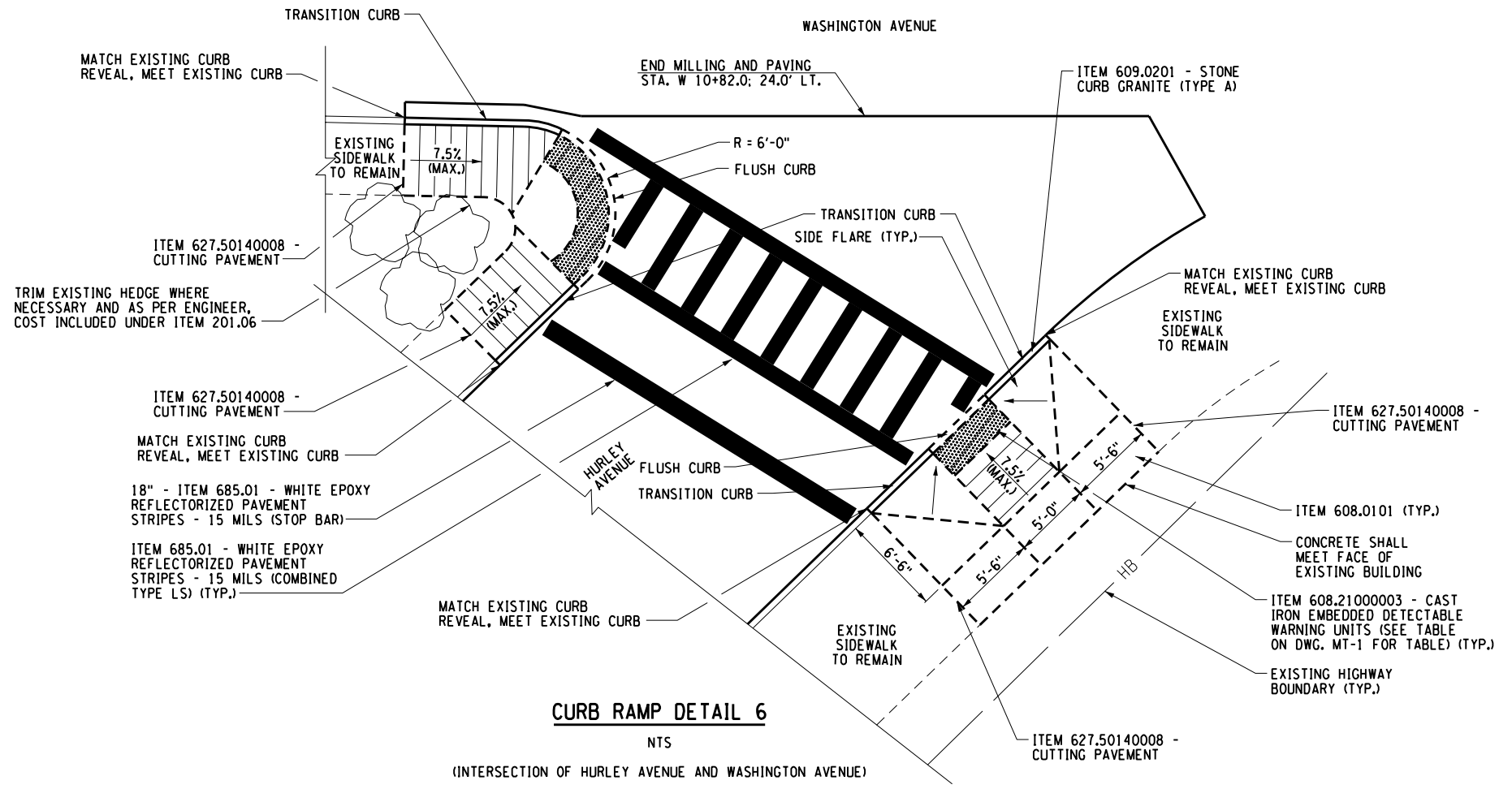
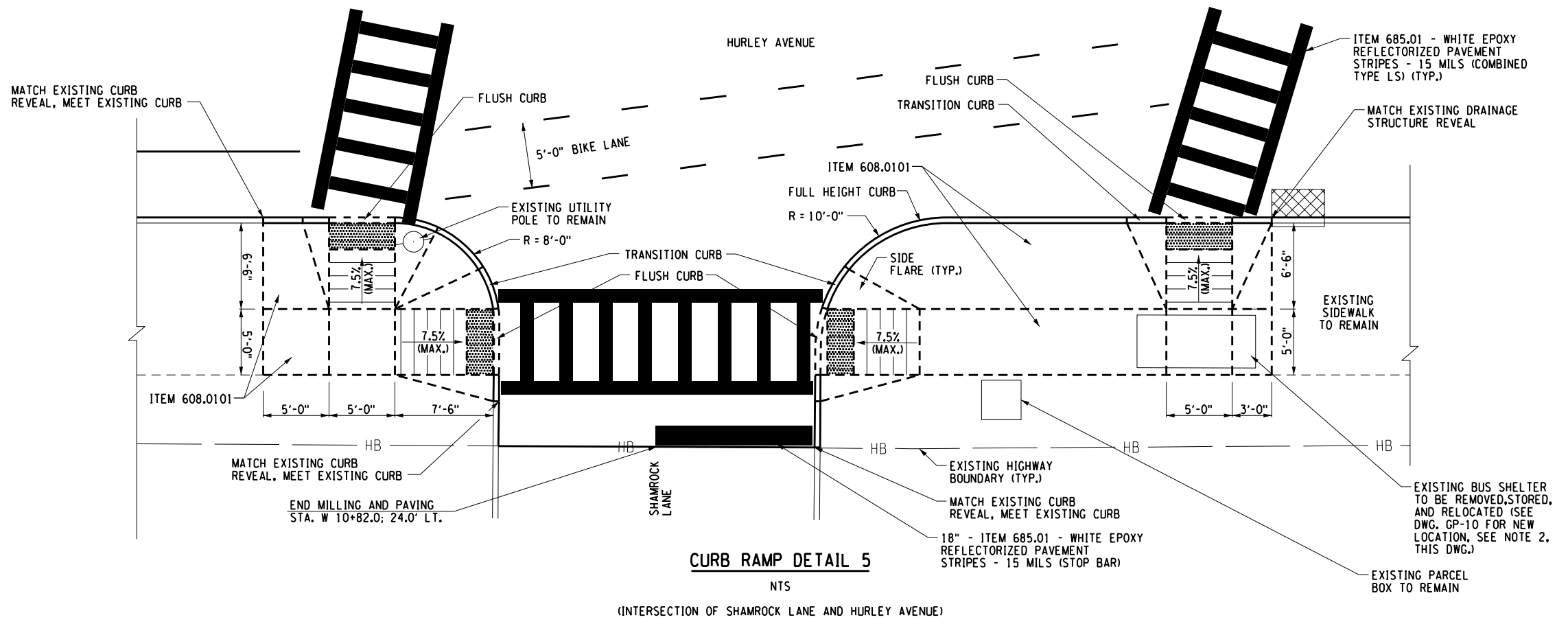
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IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

- NOTES:**
1. RAMP MINIMUM GRADES AND MAXIMUM SIDEWALK CROSS SLOPE SHALL BE COMPLIED WITH. THE CONTRACTOR AND THE ENGINEER SHALL ADJUST CONSTRUCTION LIMITS WHERE NECESSARY, BASED ON FIELD CONDITIONS TO COMPLY WITH STANDARDS.
 2. THE WORK FOR REMOVING, STORING, AND RESETING THE PASSENGER (BUS) SHELTER SHALL BE INCLUDED UNDER ITEM 615.02060124.
- ANCHOR BOLTS USED TO RESET THE SHELTER SHALL BE OF THE SAME TYPE AND SIZE AS EXISTING, AND SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- THE SHELTER SHALL BE REMOVED FROM ITS EXISTING LOCATION PRIOR TO THE START OF WORK IN THE IMMEDIATE VICINITY. CARE SHALL BE TAKEN TO AVOID DAMAGING THE SHELTER DURING HANDLING AND STORAGE. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE PASSENGER SHELTER CAUSED BY THE HANDLING AND STORAGE. THE SHELTER SHALL BE RESET IN A METHOD APPROVED BY THE ENGINEER.

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON:



The City of Kingston, NY		UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 SECTION 7209	
Barton & Loguidice			
HURLEY AVENUE PAVING AND COMPLETE STREETS	CITY OF KINGSTON	ULSTER COUNTY	PIN 8761.94
MISCELLANEOUS DETAILS			
SCALE: NONE			
DATE ISSUED: 5/2019			
DRAWING MD-4			

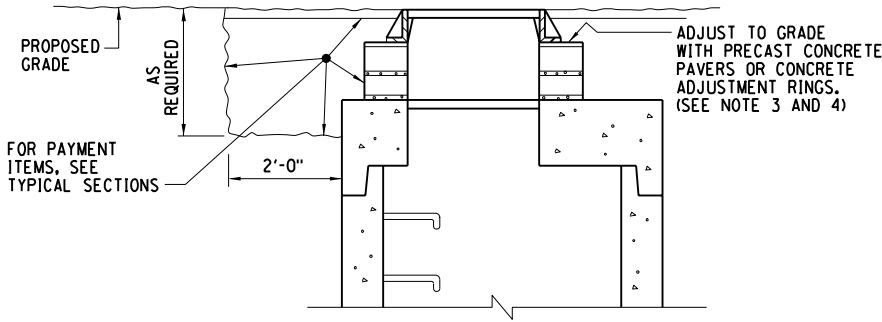
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IN CHARGE OF DESIGNED BY CHECKED BY ESTIMATED BY DRAFTED BY CHECKED BY

DRAINAGE NOTES:

1. FOR ADDITIONAL INSTALLATION DETAILS SEE NYSDOT STANDARD SHEETS AND THIS DWG.
2. DRAINAGE STRUCTURES AND PIPES ARE TO BE PLACED TO DEPTHS AND LOCATIONS AS INDICATED IN THE PLANS.
3. RESTORE SURFACES AROUND THE PROPOSED STRUCTURES AND ABOVE PIPE ACCORDING TO THE DRAINAGE PIPE INSTALLATION AND TRENCH DETAIL SHOWN ON THIS DWG. ONLY SUITABLE EXCAVATED MATERIAL SHALL BE PLACED ABOVE PIPES AND AROUND STRUCTURES. IN THE EVENT UNSUITABLE MATERIAL IS ENCOUNTERED, AS DETERMINED BY THE ENGINEER, THAT MATERIAL SHALL BE REPLACED WITH SELECT GRANULAR FILL, PAYMENT INCLUDED UNDER ITEM 206.0201. THE LIMITS FOR THIS MATERIAL SHALL BE BETWEEN THE PROPOSED BEDDING MATERIAL AND THE BOTTOM OF THE PAVEMENT SECTION.
4. ALL DRAINAGE STRUCTURES SHALL HAVE A 6" SUMP, UNLESS OTHERWISE INDICATED.
5. ITEM 604.0708YY LOCATIONS AND QUANTITIES ARE SHOWN ON DWG. MT-1.
6. ALL EXISTING AND PROPOSED UNDERGROUND UTILITIES SHALL BE PROTECTED / SUPPORTED IF ENCOUNTERED DURING EXCAVATION / INSTALLATION OPERATIONS.

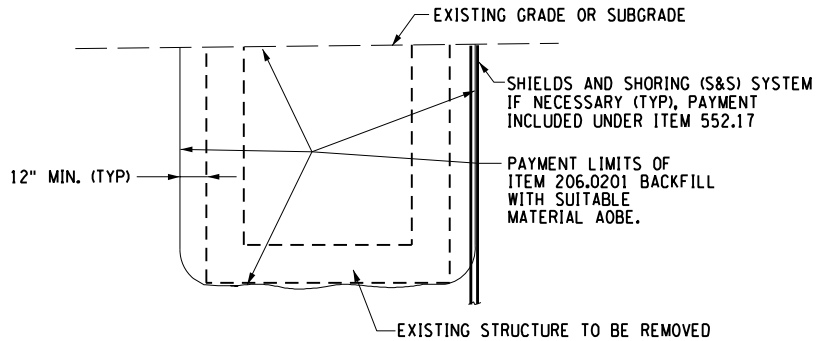


ALTERING DRAINAGE STRUCTURES AND MANHOLES - ITEM 604.0708YY

NTS
(SEE TABLE ON DWG. MT-1)
YY = TYPE OF STRUCTURE

CATCH BASIN AND SANITARY MANHOLE MODIFICATIONS/ALTERATIONS:

1. ALL MODIFICATIONS/ALTERATIONS OF THE EXISTING STORM AND SANITARY SEWER MANHOLES, AS INDICATED ON THE CONSTRUCTION PLANS, SHALL BE PERFORMED UNDER THE ITEM 604.0708YY. ALL REQUIRED WORK AND MATERIALS SHALL CONFORM TO SECTION 604 OF THE STANDARD SPECIFICATIONS AS MODIFIED BELOW. ALL STRUCTURES THAT ARE ALTERED SHALL UTILIZE THE EXISTING FRAME AND GRATE/COVER, UNLESS OTHERWISE SPECIFIED.
- ITEM 604.0708YY:
2. THIS ITEM IS TO BE USED, AS SPECIFIED IN THE TABLE ON DWG. MT-1, WHERE THE EXISTING STRUCTURE REQUIRES ELEVATION ADJUSTMENT LESS THAN 6", EITHER HIGHER OF LOWER, FROM THE EXISTING TOP OF FRAME ELEVATION.
3. THE WORK SHALL INCLUDE REMOVING THE EXISTING CASTING, ADJUSTING THE TOP OF THE STRUCTURE BY EITHER REMOVING OR ADDING PRECAST CONCRETE PAVERS, CLEANING AND SALVAGING THE EXISTING CASTING, AND REINSTALLING THE EXISTING CASTING AT THE PROPOSED TOP OF FRAME ELEVATION.
4. IF THE REQUIRED ELEVATION CHANGE IS ACTUALLY GREATER THAN 6", AND ABOVE THE EXISTING FRAME ELEVATION, THE CONTRACTOR MAY ELECT, OR MAY BE DIRECTED BY THE ENGINEER, TO USE A PRECAST CONCRETE ADJUSTMENT RING. IF A PRECAST RING IS USED, PAYMENT WILL BE MADE UNDER ITEM 604.0708YY.

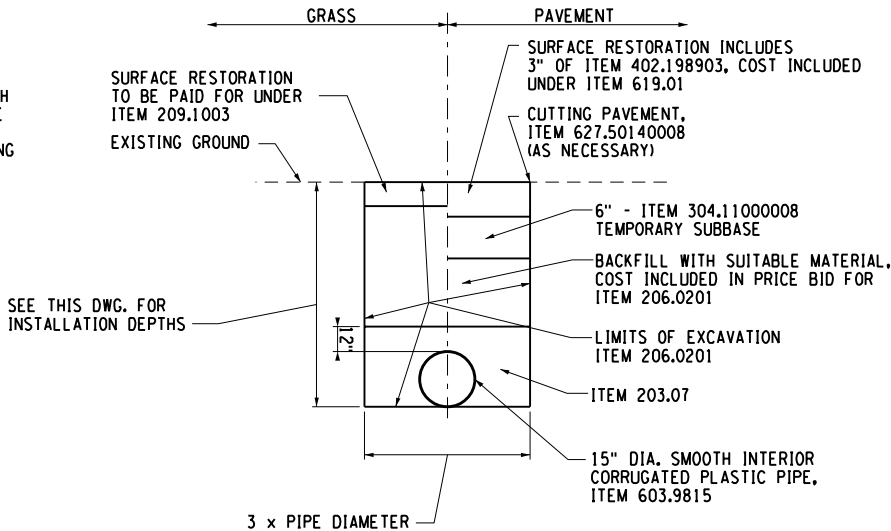


REMOVAL OF EXISTING DRAINAGE STRUCTURE

NTS
STA. H 47+88.00; 17' RT.
STA. H 47+88.00; 17' LT.

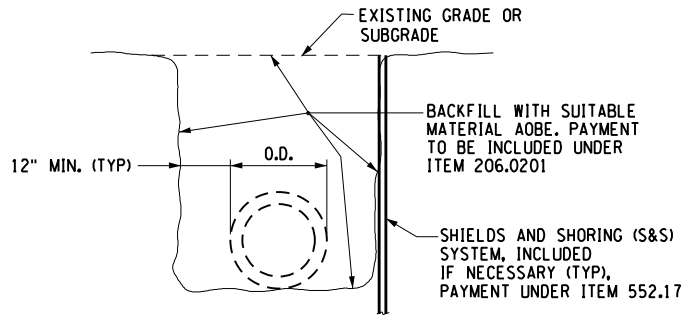
STRUCTURE REMOVAL NOTES:

IF THE EXCAVATION LIMITS FOR THE INSTALLATION OF A NEW STRUCTURE OVERLAPS THE EXCAVATION LIMITS FOR STRUCTURE REMOVAL, PAYMENT FOR EXCAVATION SHALL BE PAID ONLY FOR NEW STRUCTURE INSTALLATION.



DRAINAGE PIPE INSTALLATION AND TRENCH DETAIL

NTS
STA. H 47+88.00

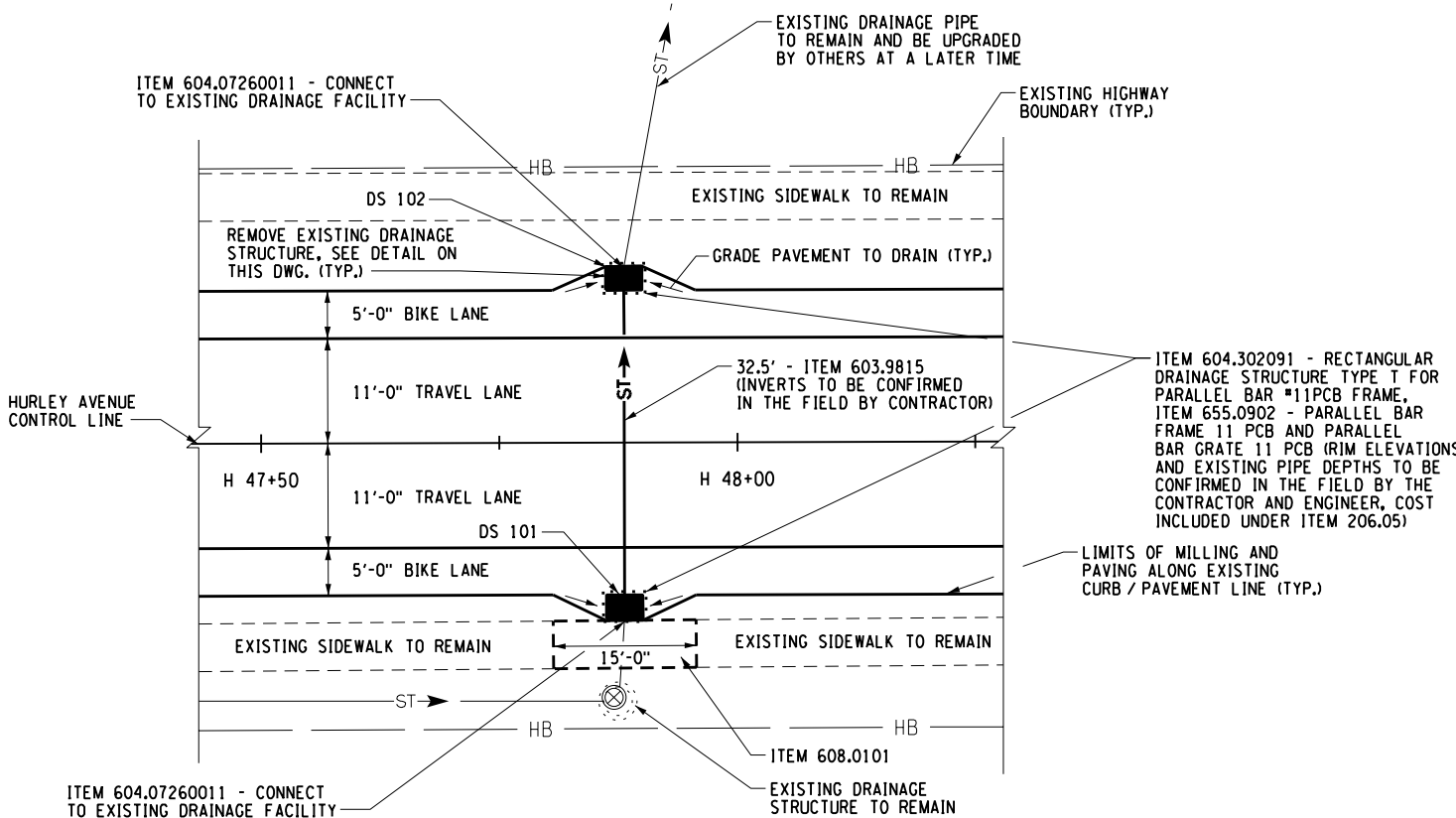


REMOVAL OF EXISTING PIPES

NTS
STA. H 47+88.00

NOTE:

IF THE EXCAVATION LIMITS FOR THE INSTALLATION OF A NEW PIPE OVERLAPS THE EXCAVATION LIMITS FOR PIPE REMOVALS, PAYMENT FOR EXCAVATION SHALL BE PAID ONLY FOR NEW PIPE INSTALLATION.



DRAINAGE PIPE AND STRUCTURE INSTALLATION DETAIL

NTS
STA. H 47+88.00



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HURLEY AVENUE PAVING AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

MISCELLANEOUS DETAILS

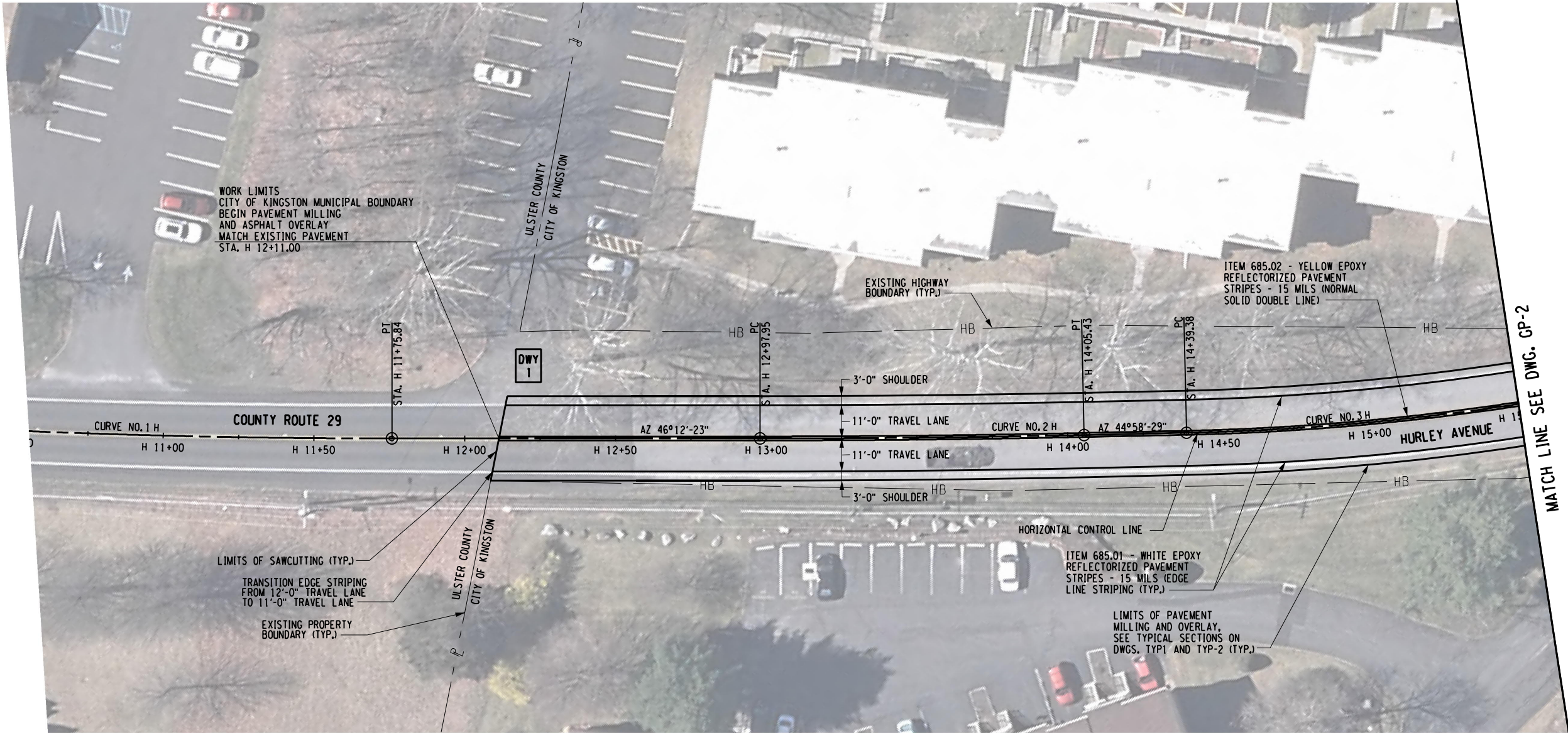
SCALE: AS SHOWN

DATE ISSUED: 5/2019

DRAWING
MD-5

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

CURVE NO. 1 H	CURVE NO. 2 H	CURVE NO. 3 H
$\Delta = 2^{\circ}-54'-52''$ $R = 3,000.00'$ $L = 152.60'$ $T = 76.32'$ $E = 0.97'$	$\Delta = 1^{\circ}-13'-54''$ $R = 5,000.00'$ $L = 107.48'$ $T = 53.74'$ $E = 0.29'$	$\Delta = 10^{\circ}-13'-12''$ $R = 850.00'$ $L = 151.62'$ $T = 76.01'$ $E = 3.38'$



GENERAL NOTES:

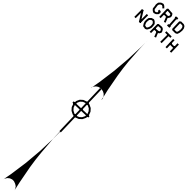
1. TREES, BUSHES, AND SHRUBS TO BE REMOVED AND/OR TRIMMED SHALL BE INCLUDED UNDER ITEM 201.06.
2. REFER TO DWGS. TYP-1 AND TYP. -2 FOR TYPICAL SECTIONS.
3. REFERENCE NYSDOT STANDARD SHEET 685-01 (SHEETS 1 THRU 9) FOR PAVEMENT MARKING DETAILS, APPLICATIONS, AND LAYOUTS.
4. ALL EXISTING SIGNS SHALL REMAIN UNLESS OTHERWISE INDICATED ON THE PLANS.
5. THE LOCATIONS OF STOP BARS ARE APPROXIMATE, FINAL LOCATION TO BE DETERMINED BASED ON FIELD CONDITIONS AND PREVAILING TRAFFIC CONDITIONS.
6. ALL STOP BARS SHALL BE 18" WIDE, UNLESS OTHERWISE SPECIFIED.
7. ALL CROSSWALKS SHALL BE TYPE LS WITH 12" WIDE LINES, UNLESS OTHERWISE SPECIFIED.
8. ALL EDGE, LANE, AND FULL BARRIER LINES SHALL BE 4" WIDE.
9. ALL WORK TO BE PERFORMED UNDER THIS CONTRACT WILL BE WITHIN THE PUBLIC RIGHT-OF-WAY (ROW) IN ACCORDANCE WITH SECTION 105-15 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR IS TO ASSURE HIMSELF THAT ALL WORK IS BEING PERFORMED WITHIN THE ROW, INCLUDING BUT NOT LIMITED TO VEHICLE ACCESS; STORAGE OF EQUIPMENT, MATERIALS, DEBRIS, WASTE; LANDSCAPING; VEGETATION REMOVAL AND MANAGEMENT; GRADING, SEEDING AND THE INSTALLATION OF TURF; AND THE INSTALLATION OF ANY FENCES OR PROTECTIVE BARRIER.

10. IF THE CONTRACTOR IS UNABLE TO IDENTIFY THE LIMITS OF THE RIGHTS-OF-WAY WHEN THE CONTRACT CALLS FOR WORK IN THOSE VICINITIES, THE CONTRACTOR MUST CONTACT THE PROJECT ENGINEER FOR DEFINITIVE BOUNDARY DETERMINATIONS BEFORE ANY WORK MAY BE INITIATED AT THOSE LOCATIONS (STANDARD SPECIFICATIONS SECTION 105-10 AND 625).
11. IN ACCORDANCE WITH SECTION 105-15 OF THE STANDARD SPECIFICATIONS, RELEASES FOR ANY NON-ESSENTIAL CONTRACT WORK OUTSIDE OF THE EXISTING RIGHTS-OF-WAY, INCLUDING PLANTINGS, LANDSCAPING OR DRIVEWAY ENHANCEMENT, WILL BE PROVIDED BY THE PROJECT ENGINEER AND IN NO INSTANCE ARE TO BE SECURED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT INVADE UPON PRIVATE PROPERTIES, LANDS OR BUILDINGS OUTSIDE OF THE RIGHTS-OF-WAY FOR ANY REASON WITHOUT FIRST SECURING WRITTEN PERMISSION FROM THE PROPERTY OWNER (STANDARD SPECIFICATIONS SECTION 105-15).
12. THE CONTRACTOR WILL BE HELD LIABLE FOR ANY DAMAGES DONE. ANY SUCH INJURIES OR DAMAGES SHALL BE SATISFACTORILY REPAIRED OR ITEMS REPLACED AT THE CONTRACTOR'S EXPENSE (STANDARD SPECIFICATIONS SECTION 107-08).
13. SEE DWGS. MD-2 THROUGH MD-4 FOR CURB RAMP DETAILS.
14. ONLY DRIVEWAYS SHOWN ON DWG. MD-1 ARE TO BE RECONSTRUCTED. ALL OTHER DRIVEWAYS ARE TO REMAIN. THE FINISHED GRADE OF THE MAINLINE PAVING OPERATIONS SHALL MATCH THAT OF EXISTING DRIVEWAYS.

LEGEND:

(TYPICAL FOR DWGS. GP-1 THRU GP-11)

- REMOVE EXISTING SURFACE IN CROSS-HATCHED AREAS TO A DEPTH OF 1'-0" UNDER ITEM 203.02. RE-ESTABLISH GRADE UNDER ITEM 203.03, 4" OF ITEM 610.1403, AND ITEM 610.1602.
- SIGN REMOVAL (ITEM 647.61)
- NEW SIGN
- SIGN RELOCATION (ITEM 647.31)



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HURLEY AVENUE PAVING AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

GENERAL PLAN

SCALE: 1" = 40'-0"

DATE ISSUED: 5/2019

DRAWING

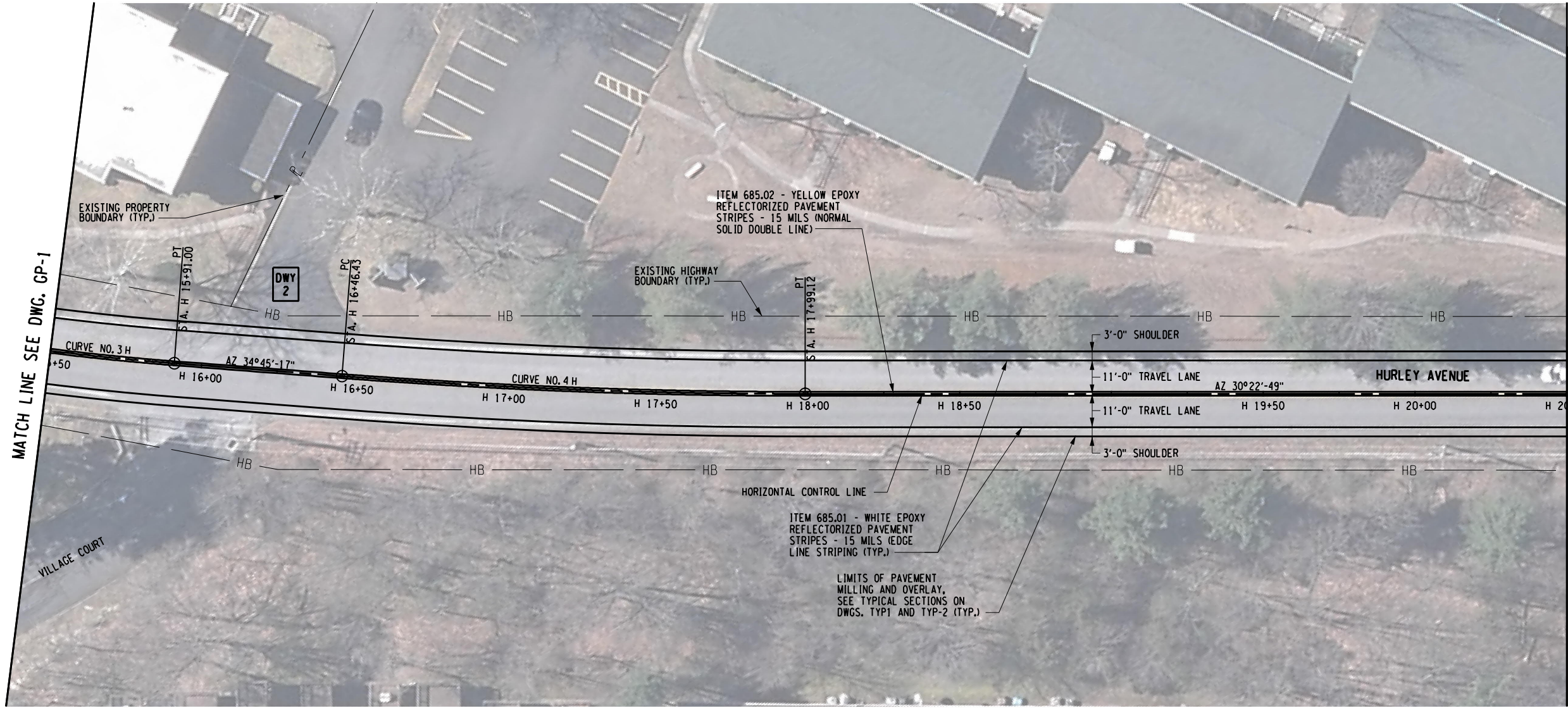
GP-1

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ CHECKED BY _____ DRAFTED BY _____ CHECKED BY _____

PREPARED BY: BARTON & LOGUIDICE, D.P.C. ON:

CURVE NO. 3 H
$\Delta = 10^{\circ}-13'-12''$
$R = 850.00'$
$L = 151.62'$
$T = 76.01'$
$E = 3.38'$

CURVE NO. 4 H
$\Delta = 4^{\circ}-22'-27''$
$R = 2,000.00'$
$L = 152.69'$
$T = 76.38'$
$E = 1.46'$



SEE DWG. GP-1 FOR NOTES AND LEGEND



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HURLEY AVENUE PAVING
AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

GENERAL PLAN

SCALE: 1" = 40'-0"

DATE ISSUED: 5/2019

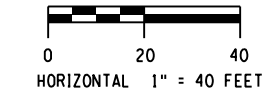
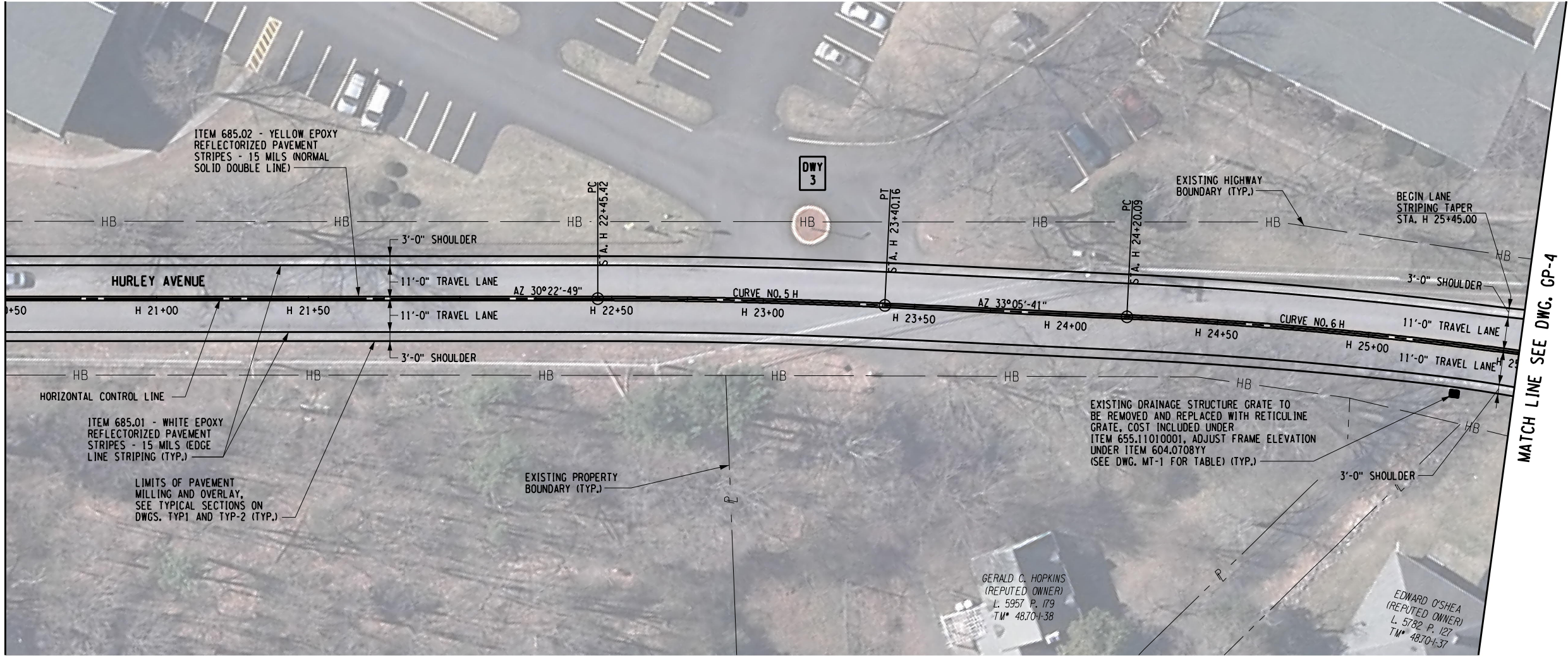
DRAWING
GP-2

NO. DATE BY REVISION

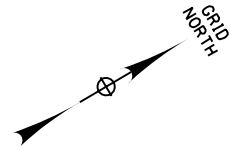
IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ CHECKED BY _____ DRAFTED BY _____ CHECKED BY _____

CURVE NO. 5 H	CURVE NO. 6 H
$\Delta = 2^{\circ}-42'-51''$	$\Delta = 5^{\circ}-40'-42''$
$R = 2,000.00'$	$R = 1,500.00'$
$L = 94.74'$	$L = 148.66'$
$T = 47.38'$	$T = 74.39'$
$E = 0.56'$	$E = 1.84'$

MATCH LINE SEE DWG. GP-2



MATCH LINE SEE DWG. GP-4



SEE DWG. GP-1 FOR NOTES AND LEGEND

PREPARED BY: BARTON & LOGUIDICE, D.P.C. ON :



Barton & Loguidice

HURLEY AVENUE PAVING AND COMPLETE STREETS
CITY OF KINGSTON
ULSTER COUNTY
PIN 8761.94

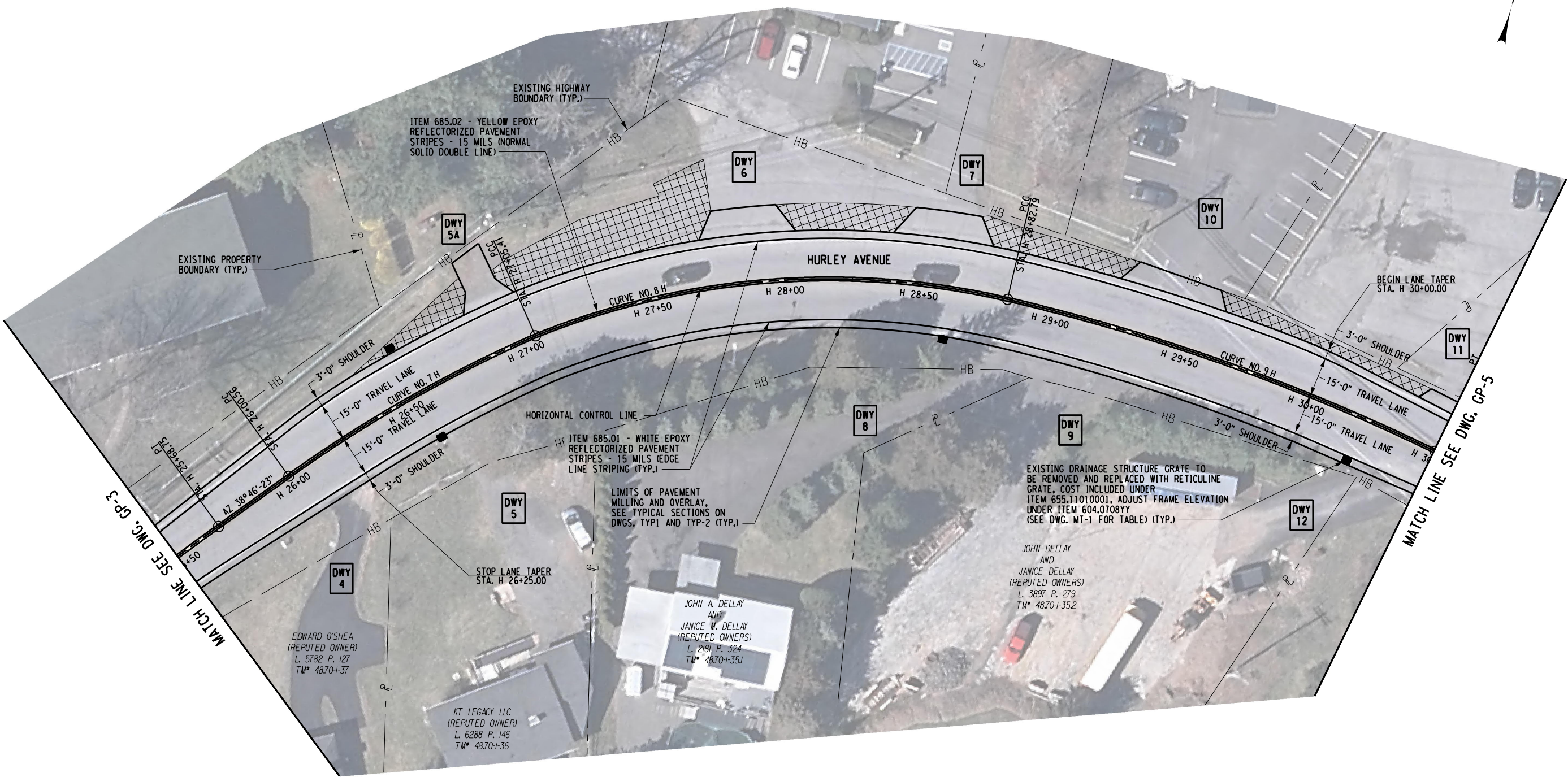
GENERAL PLAN
SCALE: 1" = 40'-0"
DATE ISSUED: 5/2019
DRAWING GP-3

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

NO.	DATE	BY	REVISION

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

CURVE NO. 6 H	CURVE NO. 7 H	CURVE NO. 8 H	CURVE NO. 9 H
$\Delta = 5^{\circ}-40'-42''$ $R = 1,500.00'$ $L = 148.66'$ $T = 74.39'$ $E = 1.84'$	$\Delta = 12^{\circ}-00'-54''$ $R = 500.00'$ $L = 104.85'$ $T = 52.62'$ $E = 2.75'$	$\Delta = 35^{\circ}-02'-43''$ $R = 290.00'$ $L = 177.38'$ $T = 91.56'$ $E = 13.46'$	$\Delta = 12^{\circ}-48'-34''$ $R = 750.00'$ $L = 167.68'$ $T = 84.19'$ $E = 4.68'$



PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON : _____

SEE DWG. GP-1 FOR NOTES AND LEGEND



Barton & Loguidice

HURLEY AVENUE PAVING
AND COMPLETE STREETS
CITY OF KINGSTON
ULSTER COUNTY
PIN 8761.94

GENERAL PLAN

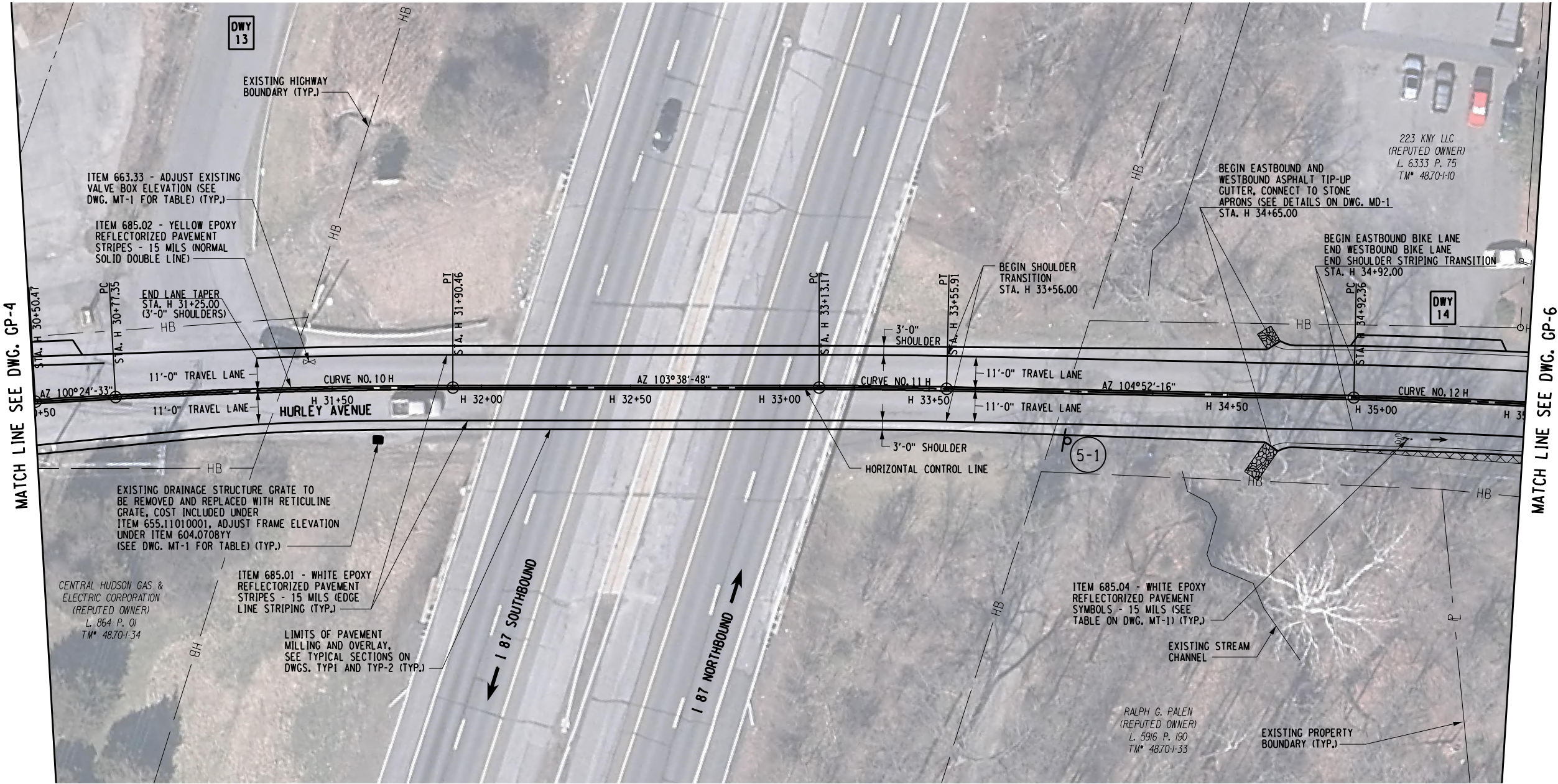
SCALE: 1" = 40'-0"
DATE ISSUED: 5/2019
DRAWING
GP-4

NO.	DATE	BY	REVISION

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

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

CURVE NO. 10 H	CURVE NO. 11 H	CURVE NO. 12 H
$\Delta = 3^{\circ}-14'-25''$ $R = 2,000.00'$ $L = 113.11'$ $T = 56.57'$ $E = 0.80'$	$\Delta = 1^{\circ}-13'-28''$ $R = 2,000.00'$ $L = 42.74'$ $T = 21.37'$ $E = 0.11'$	$\Delta = 10^{\circ}-58'-44''$ $R = 1,750.00'$ $L = 335.33'$ $T = 168.18'$ $E = 8.03'$



CENTRAL HUDSON GAS & ELECTRIC CORPORATION (REPUTED OWNER)
L. 864 P. 01
TM# 4870-I-34

ITEM 663.33 - ADJUST EXISTING VALVE BOX ELEVATION (SEE DWG. MT-1 FOR TABLE) (TYP.)
ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE)

END LANE TAPER
STA. H 31+25.00
(3'-0" SHOULDERS)

EXISTING DRAINAGE STRUCTURE GRATE TO BE REMOVED AND REPLACED WITH RETICULINE GRATE, COST INCLUDED UNDER ITEM 655.11010001, ADJUST FRAME ELEVATION UNDER ITEM 604.0708YY (SEE DWG. MT-1 FOR TABLE) (TYP.)

ITEM 685.01 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (EDGE LINE STRIPING (TYP.))

LIMITS OF PAVEMENT MILLING AND OVERLAY, SEE TYPICAL SECTIONS ON DWGS. TYP1 AND TYP-2 (TYP.)

ITEM 685.04 - WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 15 MILS (SEE TABLE ON DWG. MT-1) (TYP.)

RALPH G. PALEN (REPUTED OWNER)
L. 5916 P. 190
TM# 4870-I-33

223 KNY LLC (REPUTED OWNER)
L. 6333 P. 75
TM# 4870-I-10

BEGIN EASTBOUND AND WESTBOUND ASPHALT TIP-UP GUTTER, CONNECT TO STONE APRONS (SEE DETAILS ON DWG. MD-1 STA. H 34+65.00
BEGIN EASTBOUND BIKE LANE END WESTBOUND BIKE LANE END SHOULDER STRIPING TRANSITION STA. H 34+92.00

4.3 SF - ITEM 645.5102
1 EA. - ITEM 645.81

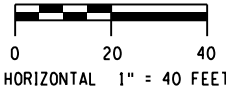


AHEAD

24" X 8" R3-17aP

5-1

SEE DWG. GP-1 FOR NOTES AND LEGEND

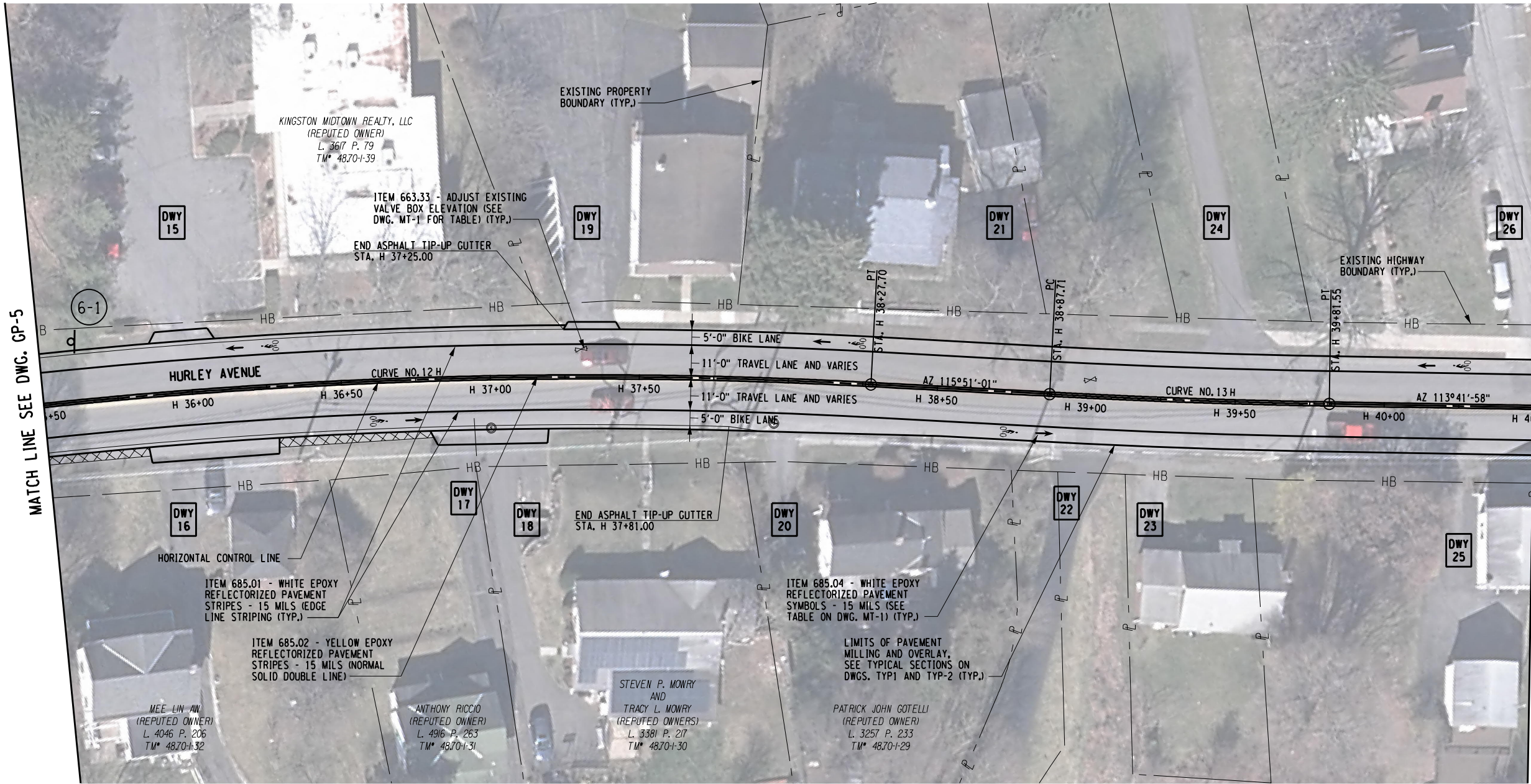


HURLEY AVENUE PAVING AND COMPLETE STREETS		CITY OF KINGSTON		ULSTER COUNTY		PIN 8761.94	
GENERAL PLAN							
SCALE: 1" = 40'-0"							
DATE ISSUED: 5/2019							
DRAWING GP-5							
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209							
The City of Kingston, NY							
Barton & Loguidice							
NO. DATE BY REVISION							
30							

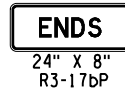
IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

CURVE NO. 12 H
$\Delta = 10^{\circ}-58'-44''$
$R = 1,750.00'$
$L = 335.33'$
$T = 168.18'$
$E = 8.03'$

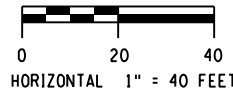
CURVE NO. 13 H
$\Delta = 2^{\circ}-09'-03''$
$R = 2,500.00'$
$L = 93.84'$
$T = 46.93'$
$E = 0.44'$



4.3 SF - ITEM 645.5102
1 E.A. - ITEM 645.81



SEE DWG. GP-1 FOR NOTES AND LEGEND



Barton & Loguidice

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EDUCATION LAW, ARTICLE 145 SECTION 7209

HURLEY AVENUE PAVING
AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

GENERAL PLAN

SCALE: 1" = 40'-0"

DATE ISSUED: 5/2019

DRAWING
GP-6

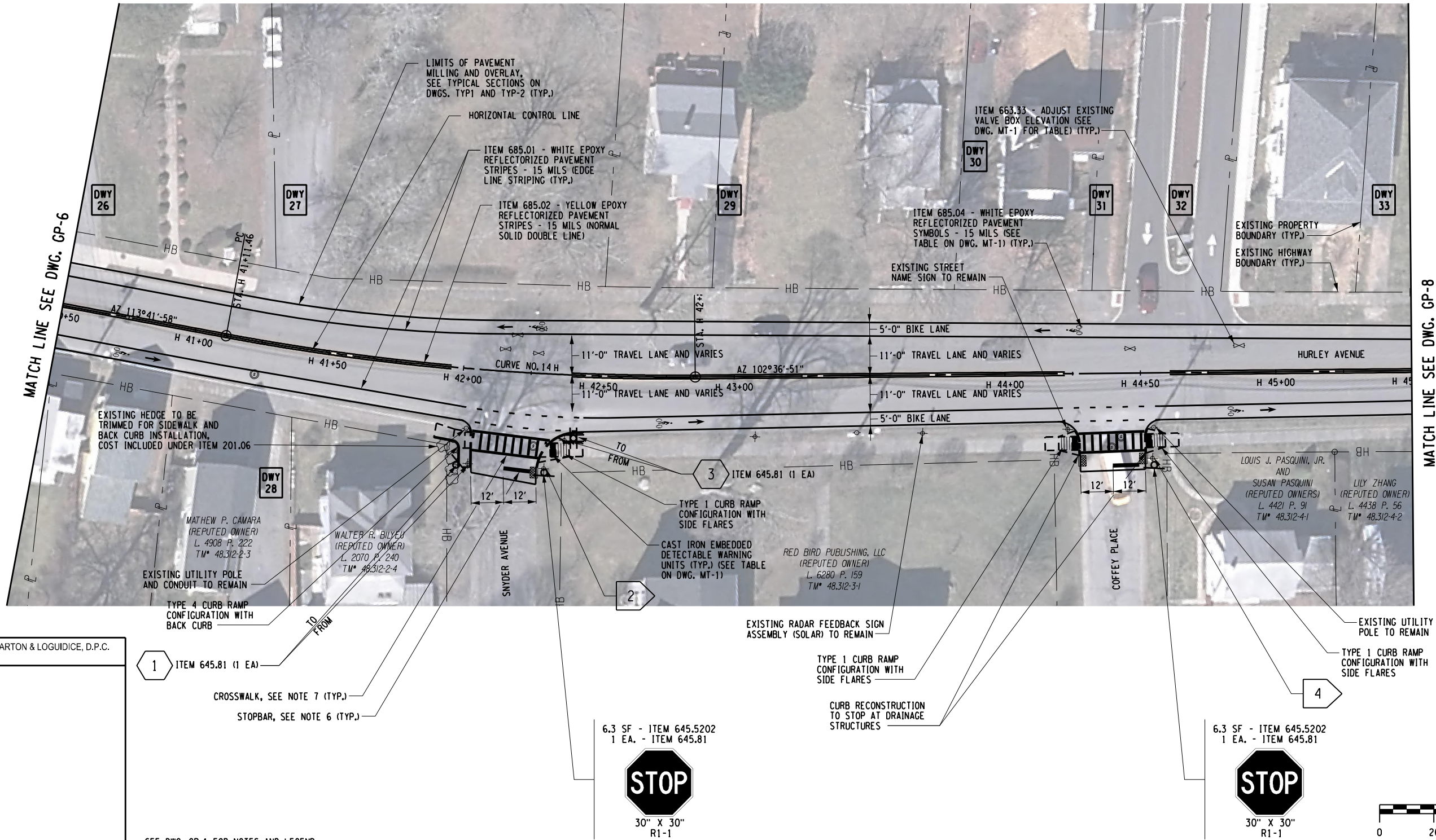
NO. DATE BY REVISION



IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

CURVE NO. 14 H			
$\Delta = 11^{\circ}05'07''$			
$R = 900.00'$			
$L = 174.13'$			
$T = 87.34'$			
$E = 4.21'$			

SIGN REMOVAL AND RELOCATION TABLE			
SIGN LOCATION	DESCRIPTION	ITEM	QUANTITY (EA)
1	WATCH FOR CHILDREN	647.31	1
2, 4	STOP	647.61	2
3	STREET NAME SIGNS	647.31	1



SEE DWG. GP-1 FOR NOTES AND LEGEND



PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON:



Barton & Loguidice

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

HURLEY AVENUE PAVING
AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

GENERAL PLAN

SCALE: 1" = 40'-0"

DATE ISSUED: 5/2019

DRAWING

GP-7

NO. DATE BY REVISION

CHECKED BY _____

CURVE NO. 15 H
$\Delta = 0^\circ-51'-47''$
$R = 2,000.00'$
$L = 30.13'$
$T = 15.06'$
$E = 0.06'$

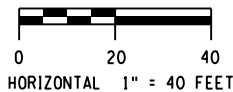
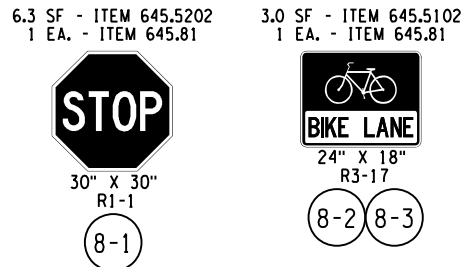
CURVE NO. 16 H

$\Delta = 9^{\circ}-01'-32''$
R = 1,000.00'
L = 157.53'
T = 78.93'
E = 3.10'

SIGN REMOVAL AND RELOCATION TABLE			
SIGN LOCATION	DESCRIPTION	ITEM	QUANTITY (EA)
1	STOP	647.61	1



MATCH LINE SEE DWG. GP-9



SEE DWG. GP-1 FOR NOTES AND LEGEND

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

HURLEY AVENUE PAVING AND COMPLETE STREETS

CITY OF KINGSTON

PIN 8761.94

GENERAL PLAN

SCALE: 1" = 40'-0"

DATE ISSUED: 5/2019

DRAWING

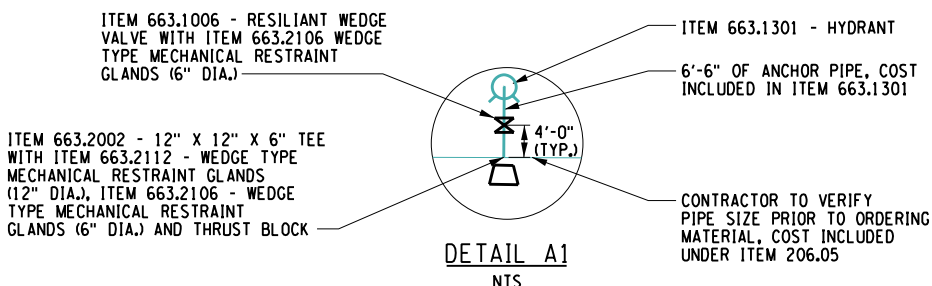
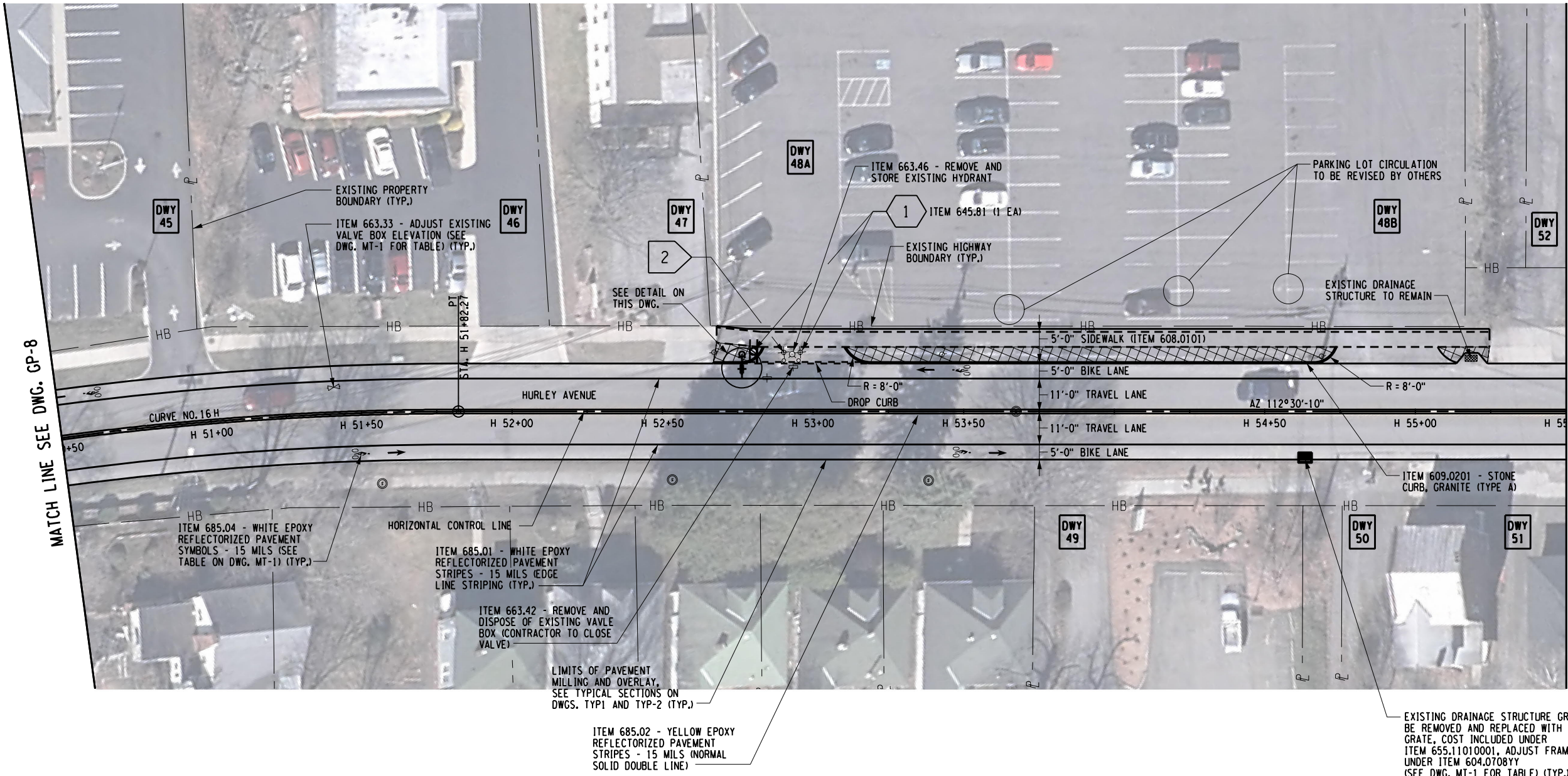
GP-8

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

CURVE NO. 16 H
$\Delta = 9^{\circ}-01'-32''$
$R = 1,000.00'$
$L = 157.53'$
$T = 78.93'$
$E = 3.10'$

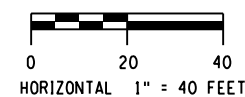
CURVE NO. 16 H
$\Delta = 9^{\circ}-01'-32''$
$R = 1,000.00'$
$L = 157.53'$
$T = 78.93'$
$E = 3.10'$

SIGN REMOVAL AND RELOCATION TABLE			
SIGN LOCATION	DESCRIPTION	ITEM	QUANTITY (EA)
1	ONE WAY	647.31	1
2	FIRE HYDRANT	647.61	1



PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON:

SEE DWG. GP-1 FOR NOTES LEGEND



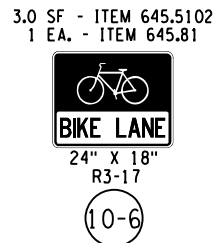
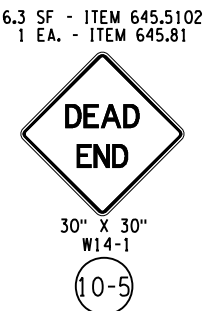
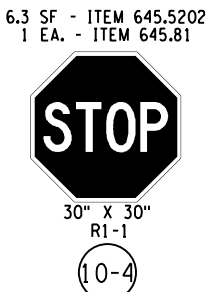
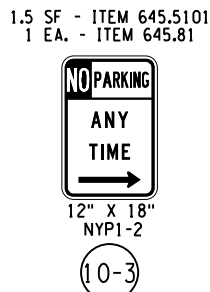
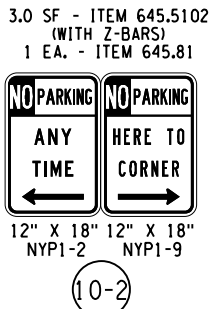
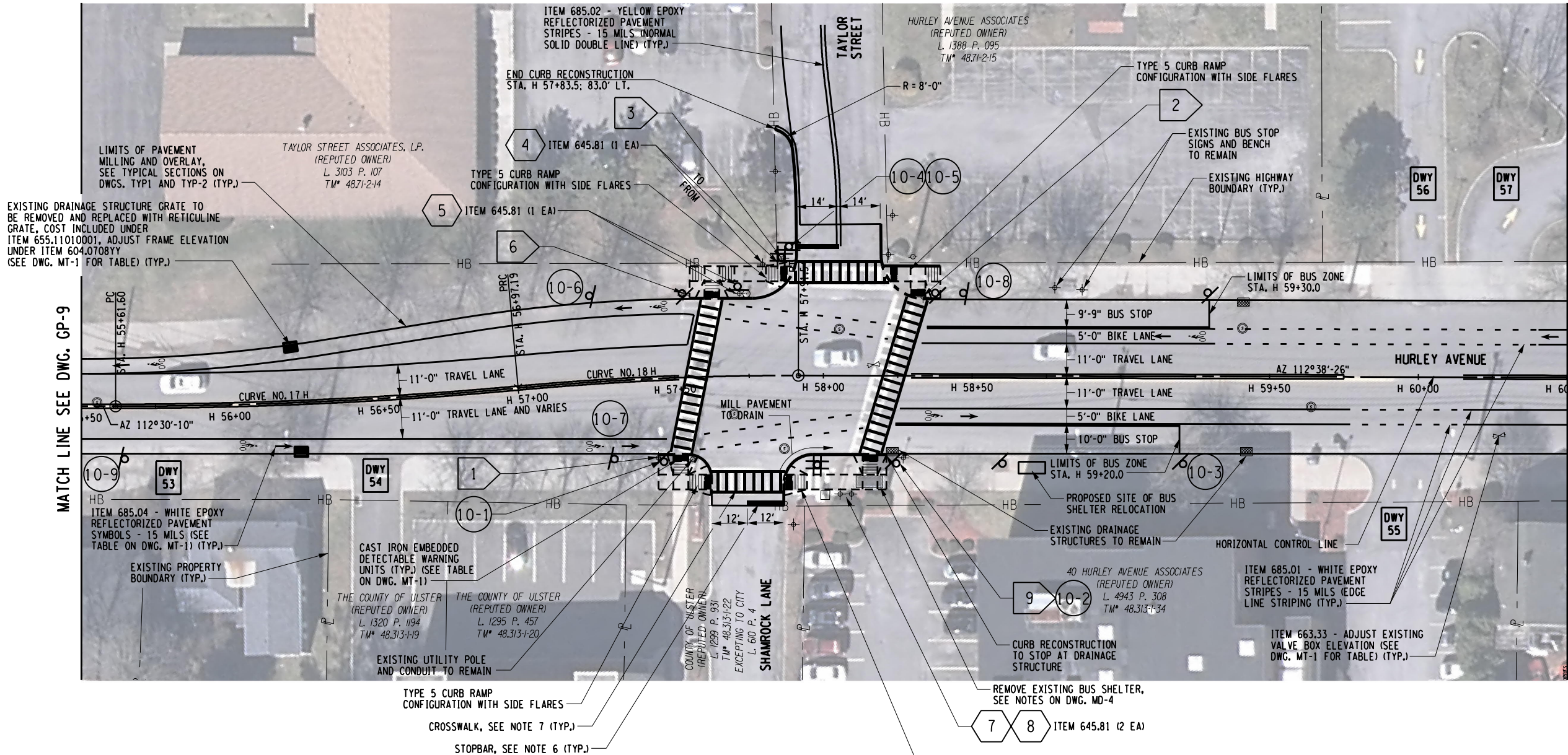
NO. DATE BY REVISION	
The City of Kingston, NY	
Barton & Loguidice	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 SECTION 7209	
HURLEY AVENUE PAVING AND COMPLETE STREETS	CITY OF KINGSTON
	ULSTER COUNTY
	PIN 8761.94
GENERAL PLAN	
SCALE: 1" = 40'-0"	
DATE ISSUED: 5/2019	
DRAWING GP-9	

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

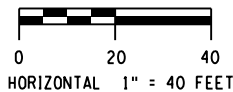
CURVE NO. 17 H
$\Delta = 5^{\circ}-10'-45''$
$R = 1,500.00'$
$L = 135.59'$
$T = 67.84'$
$E = 1.53'$

CURVE NO. 18 H
$\Delta = 5^{\circ}-24'-22''$
$R = 1,000.00'$
$L = 94.35'$
$T = 47.21'$
$E = 1.11'$

SIGN REMOVAL AND RELOCATION TABLE			
SIGN LOCATION	DESCRIPTION	ITEM	QUANTITY (EA)
1, 2, 6, 9	NO PARKING	647.61	4
3	STOP, DEAD END	647.61	1
4, 8	STREET NAME SIGNS	647.31	2
5	FIRE HYDRANT	647.31	1
7	BUS STOP	647.31	1



SEE DWG. GP-1 FOR NOTES AND LEGEND



FILE NAME = L:\MSTN Projects\1600\1696.007.121 - Hurley Avenue\MSTN\PS&E\024_876194_PL 11.dgn
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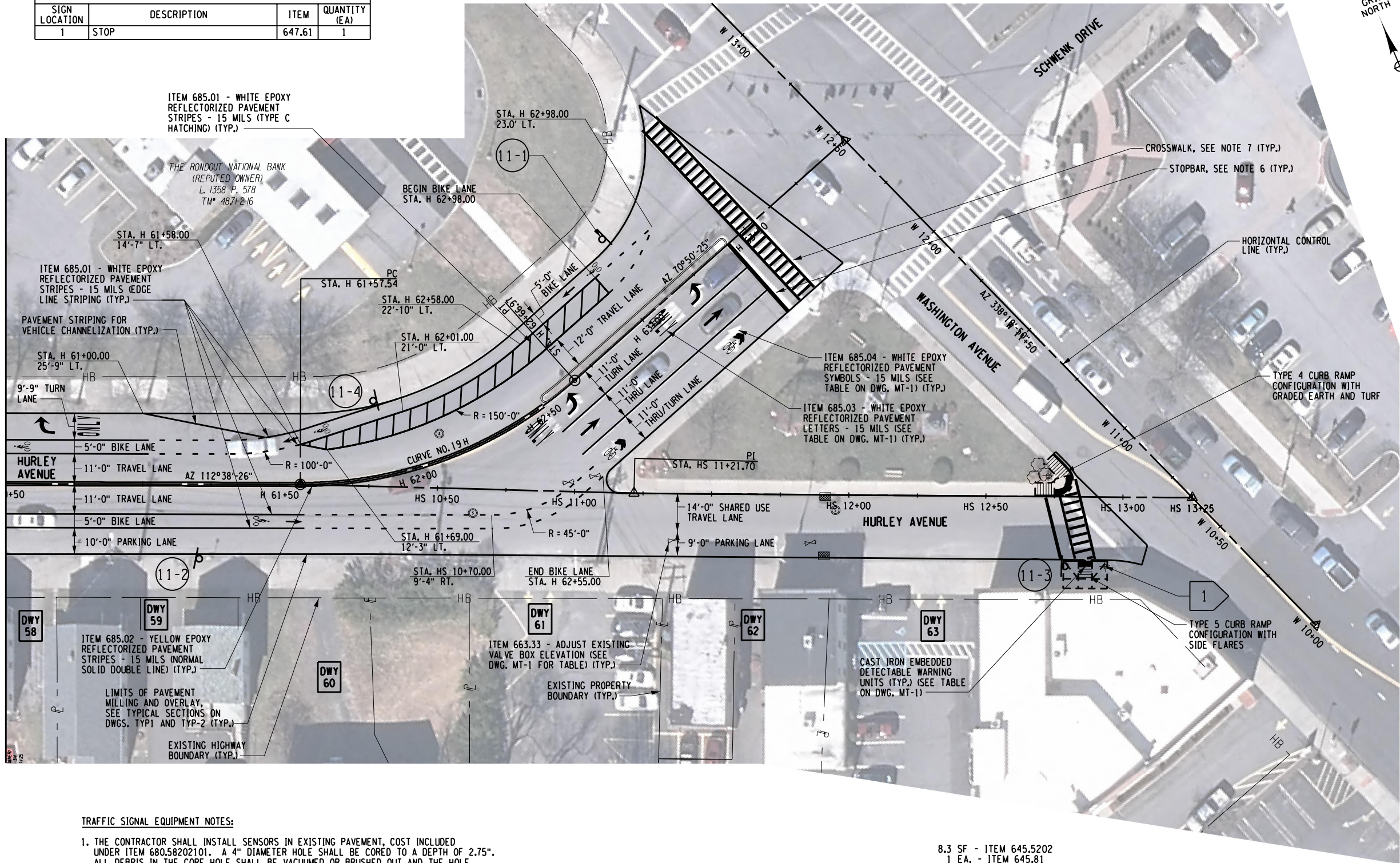
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IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

CURVE NO. 19 H			
$\Delta = 5^{\circ}-10'-45''$			
$R = 1,500.00'$			
$L = 135.59'$			
$T = 67.84'$			
$E = 1.53'$			

SIGN REMOVAL AND RELOCATION TABLE			
SIGN LOCATION	DESCRIPTION	ITEM	QUANTITY (EA)
1	STOP	647.61	1

MATCH LINE SEE DWG. GP-10

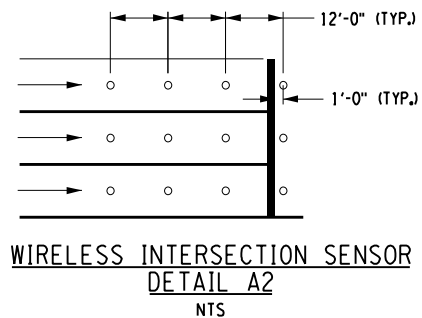
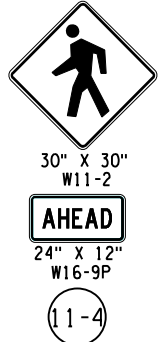
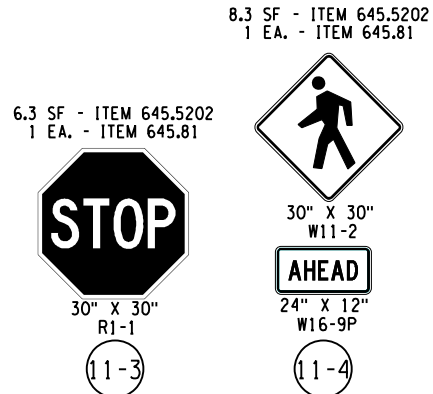
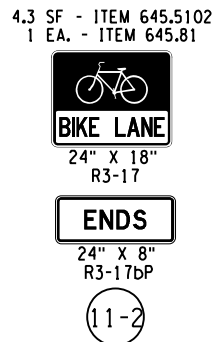


TRAFFIC SIGNAL EQUIPMENT NOTES:

1. THE CONTRACTOR SHALL INSTALL SENSORS IN EXISTING PAVEMENT, COST INCLUDED UNDER ITEM 680.5820101. A 4" DIAMETER HOLE SHALL BE CORED TO A DEPTH OF 2.75". ALL DEBRIS IN THE CORE HOLE SHALL BE VACUUMED OR BRUSHED OUT AND THE HOLE SHALL BE DRY. EPOXY SHALL BE APPLIED TO THE BOTTOM OF THE HOLE TO HALF OF THE SENSOR HEIGHT. THE SENSOR SHALL BE 1/2" BELOW THE ROAD SURFACE, LEVEL, LABEL UP, AND ARROW POINTING IN DIRECTION OF TRAFFIC. THE SENSOR SHALL BE COVERED WITH EPOXY. EPOXY WILL CURE WITHIN 10 MINUTES. THREE (3) TUBES OF EPOXY SEALANT ARE RECOMMENDED BY THE MANUFACTURER FOR PROPER INSTALLATION OF EACH SENSOR.
2. DURATION OF STOP SIGN OR FLAGGER CONTROL DURING SENSOR INSTALLATION SHALL BE KEPT TO A MINIMUM TO AVOID UNNECESSARY VEHICLE DELAYS.

PREPARED BY: BARTON & LOGUIDICE, D.P.C.
ON:

SEE DWG. GP-1 FOR NOTES AND LEGEND
(FOR TRAFFIC SIGNAL EQUIPMENT NOTES, SEE THIS DWG.)



0 20 40
HORIZONTAL 1" = 40 FEET



Barton & Loguidice

HURLEY AVENUE PAVING
AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

GENERAL PLAN

SCALE: 1" = 40'-0"

DATE ISSUED: 5/2019

DRAWING

GP-11

NO. DATE BY REVISION

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

30

IN CHARGE OF _____ DESIGNED BY _____ CHECKED BY _____ ESTIMATED BY _____ DRAFTED BY _____ CHECKED BY _____

ESTIMATE OF QUANTITIES				
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	FINAL
201.06	CLEARING AND GRUBBING	LS	1.0	
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	390.0	
203.03	EMBANKMENT IN PLACE	CY	105.0	
203.07	SELECT GRANULAR FILL	CY	30.0	
206.0201	TRENCH AND CULVERT EXCAVATION	CY	60.0	
206.05	TEST PIT EXCAVATION	EA	3.0	
207.20	GEOTEXTILE BEDDING	SY	25.0	
304.11000008	SUBBASE COURSE OPTIONAL TYPE	CY	120.0	
402.000013	PLANT PRODUCTION QUALITY ADJUSTMENT TO HMA ITEMS	QU	130.0	
402.018903	TRUE & LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION	TON	560.0	
402.128203	12.5 F2 TOP COURSE, HMA, 80 SERIES COMPACTION	TON	2,000.0	
407.0102	DILUTED TACK COAT	GAL	3,200.0	
418.7603	PAVEMENT JOINT ADHESIVE	LF	10,760.0	
490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	SY	20,700.0	
552.17	SHIELDS AND SHORING	SF	630.0	
603.9815	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 15 INCH DIAMETER	LF	32.5	
604.070801	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070802	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070803	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070804	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070805	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070806	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070807	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070808	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070809	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070810	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070811	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070812	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070813	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070814	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070815	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070816	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070817	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070818	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070819	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070820	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070821	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070822	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070823	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070824	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070825	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070826	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070827	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.07260011	CONNECTION TO EXISTING DRAINAGE FACILITIES	EA	2.0	
604.302091	RECTANGULAR DRAINAGE STRUCTURE TYPE T FOR PARALLEL BAR #11 PCB FRAME	LF	12.0	
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	43.0	
608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON	65.0	
608.21000003	CAST IRON EMBEDDED DETECTABLE WARNING UNITS	SY	19.0	
609.0201	STONE CURB, GRANITE (TYPE A)	LF	635.0	
610.1403	TOPSOIL - LAWNS	CY	60.0	
610.1602	TURF ESTABLISHMENT - LAWNS	SY	520.0	
615.02060124	REMOVE, STORE AND RESET LANDSCAPE APPURTENANCE, TYPE 01	EA	1.0	
619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	1.0	
619.0901	TEMPORARY PAVEMENT MARKING STRIPES (TRAFFIC PAINT)	LF	41,210.0	
619.110511	PORTABLE VARIABLE MESSAGE SIGN (PVMS) STANDARD SIZE - FULL MATRIX (LED) (NONE)	EA	2.0	
620.03	STONE FILLING (LIGHT)	CY	5.5	
621.04	CLEANING DRAINAGE STRUCTURES	EA	10.0	
625.01	SURVEY OPERATIONS	LS	1.0	
627.50140008	CUTTING PAVEMENT	LF	1,375.0	
633.12	CLEANING, SEALING AND / OR FILLING CRACKS	LS	1.0	
645.5101	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS	SF	3.0	
645.5102	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF, WITH Z-BARS	SF	35.5	
645.5202	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF, WITH Z-BARS, HIGH-VISIBILITY SHEETING	SF	64.4	
645.81	TYPE A SIGN POSTS	EA	27.0	
647.31	RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER 30 SQUARE FEET)	EA	7.0	
647.61	REMOVE AND DISPOSE GROUND MOUNTED TYPE A SIGN SUPPORT(S), FDNS, AND ANY ATTACHED SIGNS - SIZE I (UNDER 30 SQUARE FEET)	EA	10.0	

ESTIMATE OF QUANTITIES				
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	FINAL
655.0902	PARALLEL BAR FRAME 11 PCB & PARALLEL BAR GRATE 11 PCB	EA	2.0	
655.11010001	REMOVE OLD, FURNISH AND INSTALL NEW GRATE	EA	10.0	
663.1006	RESILIENT WEDGE VALVE & VALVE BOX 6 INCH	EA	1.0	
663.1301	HYDRANT	EA	1.0	
663.2002	IRON WATER MAIN FITTINGS (10" - 16")	LB	110.0	
663.2106	WEDGE TYPE MECHANICAL RESTRAINT GLANDS, 6 INCH	EA	4.0	
663.2112	WEDGE TYPE MECHANICAL RESTRAINT GLANDS, 12 INCH	EA	2.0	
663.33	ADJUST EXISTING VALVE BOX ELEVATION	EA	25.0	
663.46	REMOVE AND STORE EXISTING HYDRANT	EA	1.0	
680.58202101	WIRLESS VEHICLE DETECTION SYSTEM INTERSECTION SENSOR	EA	12.0	
680.77000001	MODIFY TRAFFIC SIGNAL EQUIPMENT	LS	1.0	
685.01	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS	LF	17,050.0	
685.02	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS	LF	9,730.0	
685.03	WHITE EPOXY REFLECTORIZED PAVEMENT LETTERS - 15 MILS	EA	12.0	
685.04	WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 15 MILS	EA	36.0	
697.03	FIELD CHANGE PAYMENT	DC	44,700.0	
698.04	ASPHALT PRICE ADJUSTMENT	DC	1,000.0	
698.05	FUEL PRICE ADJUSTMENT	DC	1,000.0	
698.06	STEEL/IRON PRICE ADJUSTMENT	DC	250.0	
699.040001	MOBILIZATION	LS	1.0	



Barton & Loguidice

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HURLEY AVENUE PAVING
AND COMPLETE STREETS

CITY OF KINGSTON

ULSTER COUNTY

PIN 8761.94

ESTIMATE OF
QUANTITIES

SCALE: NONE

DATE ISSUED: 5/2019

DRAWING

EQ-1

NO. DATE BY REVISION