FISCAL SHARE

MAP OF THE

STATE OF NEW YORK
SHOWING
REGIONS & LOCATIONS OF REGIONAL OFFICES
OF THE

STATE DEPARTMENT OF TRANSPORTATION

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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.

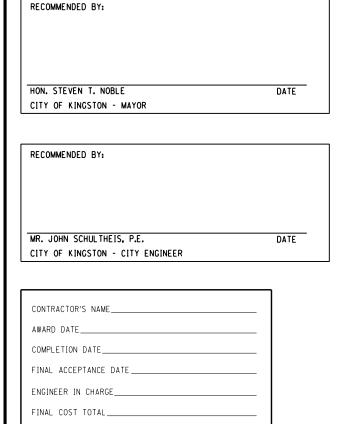


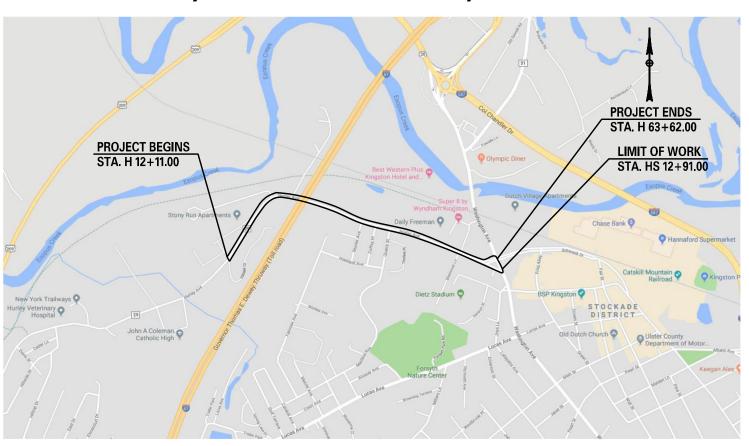
FEDERAL AID PROJECT PIN 8761.94 HURLEY AVENUE PAVING AND COMPLETE STREETS

CITY OF KINGSTON, ULSTER COUNTY

MAY 2019

PLANS, SPECIFICATIONS, & ESTIMATE





PROJECT LOCATION

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 BT 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. DATE
NEW YORK STATE PROFESSIONAL ENGINEERS LICENSE NO. 074590

PREPARED AND RECOMMENDED BY

Barton & Loguidice

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 DESCRIPTION ABBR. 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 TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE

	UTILITIES
ABBR.	DESCRIPTION
Е	ELECTRIC
ЕМН	ELECTRIC MANHOLE
G	GAS
GP	GUY POLE
GSB	GAS SERVICE BOX (HOUSE LINE)
G۷	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)
W۷	WATER VALVE (MAIN LINE)

	ALIGNMENT
ABBR.	DESCRIPTION
AH	AHEAD
AZ	AZIMUTH
ВК	BACK
BE	BASELINE
BRG	BEARING
Ę	CENTERL INE
CS	CURVE TO SPIRAL
е	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)
ВС	BOTTOM OF CURB
В0	BOTTOM OF OPENING
CAP	CORRUGATED ALUMINUM PIPE
СВ	CATCH BASIN
CIP	CAST IRON PIPE
¢ STRM	CENTERLINE OF STREAM
CMP	CORRUGATED METAL PIPE
СР	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
OL W	ORDINARY LOW WATER
RCP	REINFORCED CONCRETE PIPE
ТВ	TOP OF BANK (STREAM)
TC	TOP OF CURB
TG	TOP OF GRATE
VCP	VITRIFIED CLAY PIPE
SICPP	SMOOTH INTERIOR CORRUGATED PE

	TOTOGINATITE (WISCELLANEOUS)			
ABBR.	DESCRIPTION			
ABUT	ABUTMENT			
AOBE	AS ORDERED BY ENGINEER			
ASPH				
BDY	BOUNDARY			
BLDG	BUILDING			
Вм	BENCH MARK			
CC	CENTER TO CENTER			
CONC	CONCRE TE			
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			
0/H	OVERHE AD			
Р	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 HICHWAY			
SHLDR	SHOULDER			
SPK	SPIKE			
ST	STREET			
STK	STAKE			
STY	STORY			
SW	SIDEWALK			
TE	TEMPORARY EASEMENT			
TO	TEMPORARY OCCUPANCY			
U/G	UNDERGROUND			
WW	WING WALL			

TOPOGRAPHY (MISCELLANEOUS)

DWG. NO.	SHEET TITLE	SHEET NO.
COV-1	COVER SHEET	1
ID-1	INDEX & ABBREVIATIONS	2
LE-1 TO LE-2	LEGENDS	3 - 4
TYP-1 TO TYP-2	TYPICAL SECTIONS	5 - 6
GN-1	GENERAL NOTES	7
WZTC-1 TO WZTC-2	WORK ZONE TRAFFIC CONTROL NOTES	8 - 9
WZTC-3	WORK ZONE TRAFFIC CONTROL ADVANCED POSTING PLAN	10
MJ-1	MAINTENANCE JURISDICTION	11
MT-1 TO MT-2	MISCELLANEOUS TABLES	12 - 13
MD-1 TO MD-5	MISCELLANEOUS DETAILS	14 - 18
GP-1 TO GP-11	GENERAL PLANS	19 - 29
EQ-1	ESTIMATE OF QUANTITIES	30



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

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P. File 10 10 10 10 10 10 10 1		DDS_P	DITCH, STONE LINED		MEE	EASEMENT, EXISTING	######	RRSLS_P	RAIL, SURVEY, LARGE SCALE		UIC	INFORM CABLE, UNDERGROUND
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EWINDOWS NTAL 11				APE	MEPA_P	EASEMENT, PERMANENT, APPROX.		STRIPIN	G	o	U0	OIL LINE, UNDERGROUND
CLUS DATE N. MEMBER				—— те ——	MET_P	EASEMENT, TEMPORARY		STB•	BROKEN LINE	——]o[———	UOH	OIL LINE, HANGING
Color Colo		1	l	—— —— ATE ———	META_P	EASEMENT. TEMPORARY, APPROX.		STDB.	DOUBLE BROKEN LINE	-	UPBP	POLE, BRACE, PUSH BRACE
SOC DAM, COFFER THE				—— —— FEE —	MF_P	FEE ACQUISITION, W/ ACCESS		STDL.	DOTTED LINE LONG	→	UPBW	POLE, GUY WIRE
		1		AFEE	MFA_P	FEE ACQUISITION, APPROXIMATE		STDS.	DOTTED LINE SHORT	——————————————————————————————————————	USA	SANITARY SEWER, UNDERGROUND
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DOSC, DAL, STORE, DECK. 100 10		FOURS B	DAM DDEEAD CHECK	—— —— нв ———	мнв	HIGHWAY BOUNDARY		STPB•	PARTIAL BARRIER LINE]SAF[USAFH	SANITARY SEWER, FORCE MAIN, HANG
PRINCE, SILT A SCENATION		EUMPC_P	DAM, PREFAD, CHECK	—— —— АНВ ———	МНВА	HIGHWAY BOUNDARY, APPROX.		STRCT	ROUNDABOUT, CAT TRACKS	— т — —	UT	TELEPHONE, UNDERGROUND
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STACK NUMBER NU			· ·			JURISDICTION, COUNTY					UTVH	CABLE TV. HANGING
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SSO STRUCTURE, OVENHEAD — AP — MPLA PROPERTY LOT LINE, APPROXIMATE SSOC STRUCTURE, OVHO, CANTILEVER — - Z - MSL SUB LOT LINE SSOC STRUCTURE, OVHO, CANTILEVER — - Z - MSL SUB LOT LINE NO MO TMOBL, P DEVICE, BARRELS, LIGHTED A TMOC, P DEVICE, CANRELS, LIGHTED DEVICE, CANRELS, LIGHTED A TMOC, P DEVICE, CONES 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. ALSO HAVE 4. PROPOSED FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT, LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.40 MM ON B SIZE GRAWINGS). 5. MAPPING FEATURES, NOT INCLUDED ON THE LEGEND SHEET LEGEND SHEE						·		IMBCDL_P	BARRICADES, LIGHTED		UNU	WATER LINE, UVERNEAU
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Kingston, Barton & Loguidice HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON ULSTER COUNTY PIN 8761.94

LEGENDS

LE-1

SCALE: NONE DATE ISSUED: 5/2019

DRAWING

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ROW MAPPING **ALIGNMENT** BRIDGE ITS ROADWAY UTILITIES CELL NAME DESCRIPTION **CELL** NAME DESCRIPTION \oplus ACC CENTER OF CURVATURE BSC BRIDGE, SCUPPER \Diamond (E) \oplus UFB ELECTRIC, BOX MDL1P DEED LINE, TYPE 1 RES_P ELEVATION, SPOT Φ IANT P ANTENNAS \otimes **ACOGO** \blacksquare E DEED LINE, TYPE 2 \boxtimes ACCOU. SPEED/COUNT SNSR.S **LIEM** ELECTRIC. METER MDL2P RGA GUIDE RAIL, ANCHOR IASCTS DRAINAGE P (E) 3 DEED LINE, TYPE 3 (<u>@</u>) ACS CURVE TO SPIRAL \circ GUIDE POST, SINGLE ICABPAD CABINET & PAD UEMH ELECTRIC, MANHOLE MDL 3P DINV INVERT $\overline{\oplus}$ \oplus Δ ADPI P DETOUR, POINT OF INTERSECT. UEPT ELECTRIC, POLE, TRANS. MDL 4P DEED LINE, TYPE 4 ICCTV SIGNS STRUCTURE, RECTANGULAR 9 \odot ADPI I DETOUR, POINT ON LINE) (<u>OPO</u>)(G MDL5P DEED LINE, TYPE 5 ICDPD CDPD TRANSCEIVER **UGM** GAS. METER - S SINGLE POST DSI STRUCTURE, INVERT 0 0 AEQN EQUATION (G) MEEP EASEMENT, EXISTING **ICELLT** CELL PHONE TOWER **UGMH** GAS. MANHOLE S_P SINGLE POST, PROPOSED DSM STRUCTURE, MANHOLE ۩ MEPAP_F EASEMENT, PERM., APPROX. ຝ **AE QNAH** EQUATION AHEAD CONDUIT JACK OR BORING **-**ⓒ− **UGLM** GAS, LINE MARKER **ICJB** SB_P BACK TO BACK, PROPOSED 0 B EQUATION BACK STRUCTURE, MANHOLE, FP MEPP_F EASEMENT, PERM., BACK LINE \boxtimes ICNTLCAB CONTROLLER CABINE UGP GAS/FUEL PUMP SMTXX_F SDEL DELINEATORS "XX" = 48, 60, 72, 96 0 \odot EVENT STATION \odot ⋈ UGV GAS. VALVE MEPSP P EASEMENT, PERM., SHAPE COMMUNICATION PULL BOX ICPR \bigoplus SPM PARKING METER STRUCTURE, ROUND DSR </ (0) POINT OF CURVATURE UGVT GAS. VENT -⊗ ICTD 80 MFAP FEE ACQUISITION. APPROX CONDUIT TURNING DOWN RFMSRM REFERENCE MARKERS STRUCTURE, RECT., WITH CURB APCC POINT OF COMPOUND CURVATURE ⊕ **•** MFP_P FEE ACQUISITION. BACK LINE \odot **—**⊙ ICTU CONDUIT TURNING UP ULP LIGHTING, POLE ST"X"CB TYPE "x" "X" = F, G, N, O, P, R SRSC3 SHLD, CTY, 123 DIG. **\phi** POINT OF INTERSECTION χ̈́ς Δ Ф⊙ъ MFSP_ FEE ACQUISITION. SHAPE ICVTRT COMM. VEH. ROAD TRANSCVR. III PM LIGHTING, POLE, MEDIAN SRSC4 SHLD, CTY, 4 DIG. STRUCTURE, RECT., TYPE "X" **APOB** POINT OF BEGINNING **X** MHBAP HIGHWAY BNDRY., APPROX. Δ **IDEFAULT** DEFAULT (D) III PP LIGHTING, POLE, PED. DST"X" P "X" = I, K, L, M, O, P, U Ω SRSCT2 SHLD, CTY TOUR, 1-2 DIG. POINT OF CURVATURE ΕZ HISTORICAL, BLDG. CORNERS \odot APOC IEZR EZ-PASS READER LIMEC MISC. FILLER CAP MHBCF SHLD, CTY TOUR, 3-4 DIG. SRSCT4 ENVIRONMENTAL **X** Δ APOE POINT OF END EZ-T **IEZTR** TRANSMITTAL READER --\$> **UOL M** OIL, LINE MARKER SRSI SHLD. INTERSTATE ⊚ \odot APOL POINT ON LINE □ xc -----UР POLE, WITH UTILITY MJCP PT., JURIS. CITY **IFOXCAB** FIBER OPTIC X-CONNECT CAB. CUL V EIOP_F STR., INLET, OUTLET PROT. \Box SRSN2 SHLD, NATIONAL, 2 DIG. • \odot **APOS** POINT ON SPIRAL \odot MPBC PT. BUILDING CORNER IFUSSPL FUSION SPLICE POLE. DEAD (NO UTILITY) SRSN3 SHLD, NATIONAL, 3 DIG (GB) EIPGB_P STR., INLET PROT., GRAVEL BAG \odot AP0T POINT ON TANGEN **(2)** MPCC PT. CROSS CUT Ġΰ IHARADV HAR ADVISORY SIGN UPI POLE, WITH LIGHT SRSS2 SHLD, STATE, 2 DIG. POINT ON VERTICAL CURVE 屰 8 **APOVC** \bigcirc SANITARY SEWER MANHOLE HAR SITE USME MPDH PT., DRILL HOLE Λ IHARST (H/S) FIPHS P STR., INLET PROT., HAY/STRAW \bigcirc SRSS3 SHLD, STATE, 3 DIG. \boxtimes POINT ON VERTICAL TANGENT * MPF PT. FENCE LOCATION Δ APOVT LOAD CENTER P UTB TELEPHONE, BOOTH ILC \bigcirc SRSS4 SHLD, STATE, 4 DIG. STR., INLET PROT., PREFAB. (PRFB) 0 APORC POINT ON REVERSE CURVE **-**♦>-UTLM TELEPHONE, LINE MARKER PT., IRON PIPE **IMECSPI** MPIP -8 MECHANICAL SPLICE TRAFFIC \odot 0 APT POINT OF TANGENCY PM)) Ŧ UTMH TELEPHONE, MANHOLE MPIR PT., IRON ROD IMSCS PORT. SPEED & COUNT SENS (SF) EIPSF_P STR., INLET PROT., SILT FENCE **(** APVC M)PT., MONUMENT POINT OF VERTICAL CURVATUR мРМ TCBJ BOX, JUNCTION IMSCTS MICRO SPEED & COUNT SNSR. **-**\$≻ UTVLN CABLE TV. LINE MARKER FRCB RISER, CONCRETE BOX \blacksquare POINT OF VERT, CMPND CURVE \Box \bigcirc APVCC :`M´: **МРММ** Δ TCBP BOX, PULL BOX IMT MICROWAVE TRANSCEIVER UTVPB CABLE TV, PULL BOX PT., MONUMENT, MISC. APVI Ø POINT OF VERT, INTERSECTION TCBS BOX. SPLICE O VMS IOVHVMS PERM. OVERHEAD VMS UUB UNKNOWN, BOX ETRS_P TRAP. SEDIMENT **APVRC** PA) * Δ POINT OF VERT, REVERSE CURVE \mathbb{C} \boxtimes MPRS PT. RAILROAD SPIKE TCMC MICROCOMPUTER CABINET **IPASCS** PORT. ACC. SPD \$ CNT SNSR UUJB UNKNOWN, JUNCTION BOX EWFG WETLAND FLAG 斑 PT., SPIKE (e) APVT POINT OF VERTICAL TANGENCY TCPP PED POLE IPEDS PEDESTRIAN SIGNAL HEAD \otimes UUPB UNKNOWN, MANHOLE ASC SPIRAL TO CURVE \Diamond MPST PT., STAKE **(©)** TCSH **IPSS** SIGNAL HEADS PAVEMENT SURFACE SNSR. UUMH UNKNOWN, PULL BOX GEOTECHNICAL ASPI SPIRAL POINT OF INTERSECTION ⊗ PT. TREE W/ WIRE \odot **TCSP** PVMS MPTW Λ SIGNAL POLE **TPVMS** PERM, VMS HUVI UNKNOWN, VALVE € GDH DRILL HOLE RM SPIRAL TO SPIRAL - \odot ASTS MPWI PT., WALL LOCATION IRM RAMP METER ∞ UUVT UNKNOWN, VENT LANDSCAPE \otimes AST SPIRAL TO TANGENT A RWIS IRWIS RDWY WEATHER INFO. SNSR. 0 UUW UNKNOWN. WELL ATS TANGENT TO SPIRAL 渁 \otimes Q CELL DESCRIPTION ISP SOLAR PANEL UWFH WATER, FIRE HYDRANT :(3): VERTICAL EVENT POINT AVEVT Δ +LELS ELEVATION, SPOT ISST SPREAD SPECT. TRANSCEIVER W WATER, METER VERTICAL HIGH POINT AVHIGH LFP FLAG POLE ITDB TELEPHONE DEMARCATION BLI W UWMH WATER, MANHOLE VERTICAL LOW POINT O_{T} \odot AVLOW LMB MAILBOX ITP SUBSURFACE TEMP. PROBE -П-WATER. VALVE UWV) \dot{Q} VEHICLE TO RDWY TRANCEIVER **(W)** UWW WATER, WELL LPB PAPER BOX IVTRI CONTROL \odot LPST POST. SINGLE W/M IWIMD WEIGHT IN MOTION DETECTOR **ROW ACQUISITION**) (wight \triangle CBP BASELINE, POINT LRB ROCK, BOULDER IWVE WIRELESS VIDEO REPEATER MFS_P_T | FEE ACQUISITION \odot **CBPOL** \mathbb{Q} BASELINE, POINT ON LINE LSHC SHRUB. CONIFEROUS IWVRC WIRELESS VIDEO RECEIVER ;₩́: ∅ \bigcirc WIRELESS VIDEO TRANSMITTER (M) CBSP BASELINE, SPUR POINT LSHD SHRUB. DECIDUOUS IWVTT MEPS_P_T EASEMENT. PERMANENT X 쓺 LTC TREE, CONIFEROUS CRTP BASELINE, TIE POINT 1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED). METS_P_T EASEMENT. TEMPORARY LTD TREE, DECIDUOUS [·] CPBM BENCHMARK 2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY O LTS TREE, STUMP POINT, HORIZ, PHOTOGRAMMETR LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.). lmets_p_tl OCCUPANCY, TEMPORARY POINT. SURVEY MARKER. PERM. Ø LTW_P ◎ CPSM TREE, WELL OR WALL FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES. MFS_P_T FEE ACQUISITION W/O ACCESS Φ CPSV POINT, VERT., PHOTOGRAMMETRY LUKP UNKNOWN POINT 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

6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING

EXISTING FEATURES.

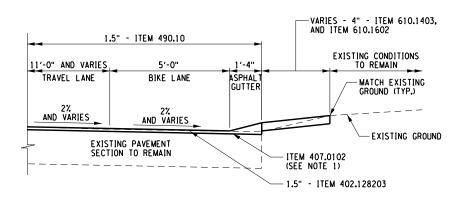
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HURLEY AVENUE PAVING AND COMPLETE STREETS KINGSTON P N N

LEGENDS

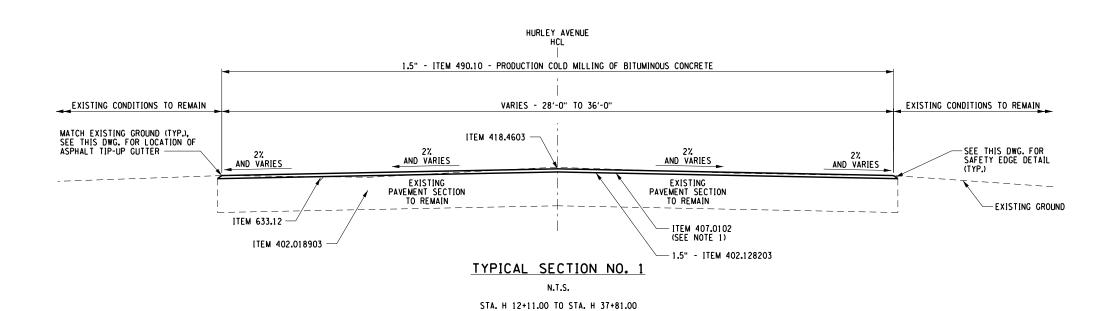
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SAFETY EDGE MUST BE MACHINE FORMED DURING THE ASPHALT PLACEMENT PROCESS BY USE OF AN ADAPTER TO THE PAVING SCREED. RAKED IN EDGES WILL NOT BE ACCEPTED. - 35 DEG MAXIMUM SAFETY EDGE SAFETY EDGE DETAIL N.T.S.



ASPHALT TIP-UP GUTTER SECTION

N.T.S. STA. H 34+65.00 TO STA. H 37+25.00 (LT.) STA. H 34+65.00 TO STA. H 37+81.00 (RT.)



PREPARED BY: BARTON & LOGUIDICE, D.P.C. ON:	ITEM NO.	DESCRIPTION	UNITS	ITEM NO.	DESCRIPTION	UNITS	NOTES
	402.018903	TRUING & LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION	TON				1. PLACE
	402.128203	12.5 F2 TOP COURSE HMA, 80 SERIES COMPACTION	TON				
	407.0102	DILUTED TACK COAT	GAL				2. CONTRA
	418.7603	PAVEMENT JOINT ADHESIVE	LF				
	490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	SY				3. LIMITS
	610.1403	TOPSOIL - LAWNS	CY				GREATE
	610.1602	TURF ESTABLISHMENT - LAWNS (SEE NOTE 2)	SY				4. LIMITS
	633.12	CLEANING, SEALING AND / OR FILLING CRACKS	LS				THE OU WHERE
							5. MINIMUM PAVEME
							6. EXISTIN
							MILLING INCLUDI

1.	PLACE	TACK	COAT	BETWEEN	ALL	LIFTS	0F	ASPHAL T.	

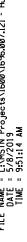
- CONTRACTOR TO USE LAWN SEED MIX AS DESCRIBED IN THE SPECIFICATIONS SPECIAL NOTE FOR SEEDING LAWN AREAS.
 - LIMITS FOR THE DEPTH OF SUBBASE COURSE SHALL BE THE GREATER OF 12" OR THE EXISTING SUBBASE DEPTH.
 - LIMITS FOR ESTABLISHING TURF AND TOPSOIL SHALL BE FROM THE OUTSIDE EDGE OF SIDEWALK OR SHOULDER TO THE POINT WHERE THE PROPOSED WORK MEETS THE EXISTING GROUND.
 - MINIMUM OF $6^{\prime\prime}$ CLASS C CONCRETE OR MATCH EXISTING PAVEMENT THICKNESS.
 - EXISTING PAVEMENT CRACKS SHALL BE SEALED AFTER THE MILLING OPERATIONS HAVE BEEN COMPLETED, COST INCLUDED UNDER ITEM 633.12.

Barton & Loguidice

HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON PIN 8761.94

> TYPICAL SECTIONS

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304.11000008

402.018903

402.128203

407.0102

418.7603 490.10

608.0101

609.0201

610.1403

610.1602

627.50140008

SUBBASE COURSE (MODIFIED)

PAVEMENT JOINT ADHESIVE

CONCRETE SIDEWALKS AND DRIVEWAYS

TURF ESTABLISHMENT - LAWNS (SEE NOTE 2)

STONE CURB, GRANITE (TYPE A)

DILUTED TACK COAT

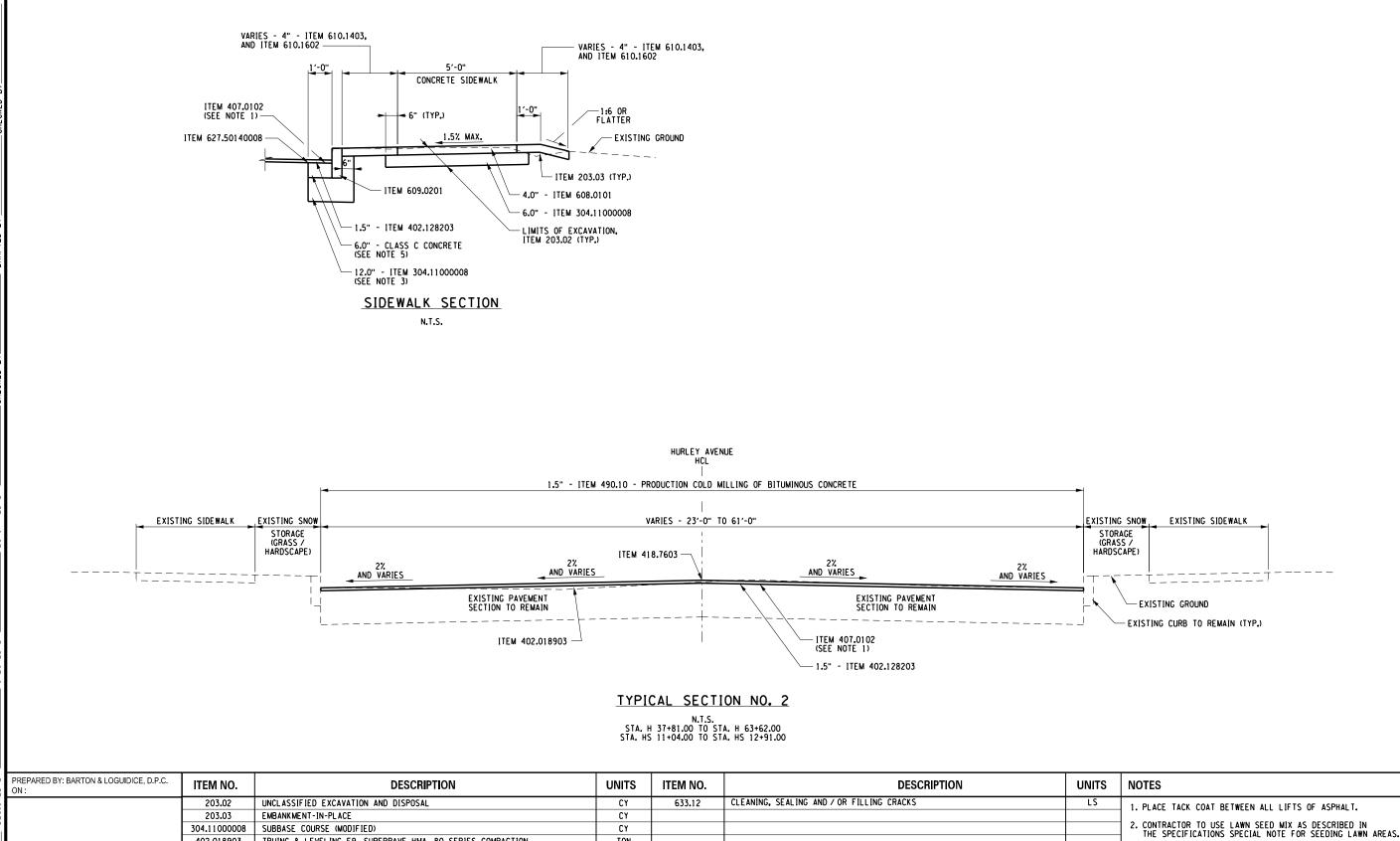
TOPSOIL - LAWNS

CUTTING PAVEMENT

TRUING & LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION

12.5 F2 TOP COURSE HMA, 80 SERIES COMPACTION

PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE



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HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON

3. LIMITS FOR THE DEPTH OF SUBBASE COURSE SHALL BE THE GREATER OF 12" OR THE EXISTING SUBBASE DEPTH.

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.

5. MINIMUM OF 6" CLASS C CONCRETE OR MATCH EXISTING PAVEMENT THICKNESS, COST INCLUDED UNDER ITEM 609.0201.

6. EXISTING PAVEMENT CRACKS SHALL BE SEALED AFTER THE MILLING OPERATIONS HAVE BEEN COMPLETED, COST INCLUDED UNDER ITEM 633.12.

Barton & Loguidice

TYPICAL SECTIONS

PIN 8761.94

SCALE: NONE DATE ISSUED: 5/2019 DRAWING TYP-2

Notes

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Hurley

DEFINITION

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

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

<u>SURVEY</u>

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
- 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
- 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
- 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

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

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.

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
- 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
- 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 LITEMS IN THE CONTRACT AND APPROVED CHANGES BY THE FIGUREFR. 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
- 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 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 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 HUMEDIATELY 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 PROPERTY OF THE P 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

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 ATHORIZED 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:

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 THURSDAY, NOVEMBER 28 - BEGINNING 6:00AM WEDNESDAY,

NOVEMBER 27 AND ENDING 6:00AM MONDAY, DECEMBER 1

WEDNESDAY, DECEMBER 25 - BEGINNING 6:00AM MONDAY, DECEMBER 23 AND ENDING 6:00AM THURSDAY, DECEMBER 26

THANKSGIVING -

MEMORIAL DAY -

CHRISTMAS -

NEW YEARS DAY -WEDNESDAY, JANUARY 1 - BEGINNING 6:00AM TUESDAY,

DECEMBER 31 AND ENDING 6:00AM THURSDAY, JANUARY 2

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



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> GENERAL NOTES

SCALE: NONE DATE ISSUED: 5/2019 DRAWING

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GENERAL

- A. THE CONTRACTOR SHALL MAINTAIN TRAFFIC THROUGHOUT THE LENGTH AND DURATION OF THE CONTRACT IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 619 OF THE STANDARD SPECIFICATIONS AS TRANSMITTED BY EI 11-016, 2009 NATIONAL MUTCD INCLUDING REVISION 1 AND NEW YORK STATE SUPPLEMENTS (ADOPTED RULE AND PROPOSED RULE). STANDARD SPECIFICATION 729 AS PROVIDED BY El 11-018, STANDARD SPECIFICATION 730 AS PROVIDED BY EL 07-004, STANDARD SPECIFICATION 704-05 AS PROVIDED BY EI 07-005, AND THE WORK ZONE TRAFFIC CONTROL (WZTC) DETAILS IN THE PLANS AND PROPOSAL OR AOBE, AND FURTHER REFERENCED AS THE WZTC STANDARDS.
- B. FOR TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES IN CONSTRUCTION AREAS NOT SPECIFIED IN THE PROPOSAL, THE PROVISIONS OF THE NATIONAL MUTCD 2009 AND NEW YORK STATE SUPPLEMENT (ADOPTED RULE AND PROPOSED RULE) SHALL APPLY. THE STANDARDS OF APPLICATION NOTED THEREIN AND ON THE PROPOSAL ARE TO BE CONSIDERED MINIMAL STANDARDS. WHERE OPTIONS EXIST FOR SIGN SHAPE, THE DIAMOND SHAPE SHALL BE USED.
- C. PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL SUBMIT ANY PROPOSED CHANGES TO THE TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL. ANY CHANGE WHICH ALTERS THE BASIC CONCEPT OF THE PLAN MUST BE APPROVED BY THE ENGINEER.
- D. "ROAD WORK AHEAD" (W20-1) AND "END ROAD WORK" (G20-2) SHALL BE PLACED IN ADVANCE OF AND AFTER WORK ZONES, UNLESS OTHERWISE SPECIFIED.
- E. IF THE ENGINEER NOTIFIES THE CONTRACTOR OR THE CONTRACTOR'S SUPERINTENDENT OF ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THAT AREA SHALL BE DISCONTINUED AND IMMEDIATE REMEDIAL ACTION SHALL BE TAKEN TO THE SATISFACTION OF THE ENGINEER BEFORE WORK IS TO RESUME.
- F. THE TRAFFIC CONTROL PLANS INCLUDED IN THE CONTRACT DOCUMENTS ARE NOT INTENDED TO BE ALL INCLUSIVE, BUT RATHER SERVE AS A GUIDE FOR THE SAFE AND EFFICIENT SEQUENCE OF CONSTRUCTION OPERATIONS. ANY INCIDENTAL ADDITIONS OR REVISIONS TO THE TRAFFIC CONTROL PLAN DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL, OR
- G. PRIOR TO THE START OF ANY WORK OPERATION, ALL RELATED WORK FOR THE TEMPORARY TRAFFIC CONTROL SHALL BE IN PLACE AND COMPLETE. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL SIGNS, SIGNALS, PAVEMENT, DELINEATION, BARRIERS, ROADSIDE DELINEATION (CONES, DRUMS, ETC.), FLAGGERS, PAVEMENT MODIFICATIONS, AND ANY OTHER WORK AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE REVOLVING, FLASHING AMBER LIGHTS ON ALL CONSTRUCTION EQUIPMENT AND SUPERVISORY VEHICLES. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.

PRELIMINARY WORK

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

A. PRIOR TO THE START OF ANY WORK OPERATIONS, ALL RELATED WORK FOR PROPOSED WORK ZONE TRAFFIC CONTROL, AS DETERMINED BY THE ENGINEER, SHALL BE COMPLETE. THIS INCLUDES BUT IS NOT LIMITED TO, ALL SIGNS, SIGNALS, PAVEMENT MARKINGS, BARRIERS, DELINEATION (CONES, DRUMS, ETC.), FLAGGERS, PAVEMENT MODIFICATIONS, AND ANY OTHER RELATED WORK.

WORK AREA COORDINATION

- A. WHEN TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY AS DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL ENSURE THERE IS NO CONFLICT IN SIGNING AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.
- THE CONTRACTOR SHALL COORDINATE ALL CONTRACT WORK WITH ANY UTILITY WORK, SUBCONTRACTOR WORK, OPERATIONS OR OTHER CONSTRUCTION ACTIVITIES IN THE AREA TO ENSURE THAT THERE ARE NO WORK ZONE TRAFFIC CONTROL CONFLICTS. SEE GENERAL NOTES FOR OTHER CONSTRUCTION PROJECTS AND CONTACTS.

CONES. DRUMS. BARRICADES AND MARKERS

- A. WHERE POSSIBLE ALL CHANNELIZING/DELINEATION DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM OF 24" CLEARANCE TO THE TRAVELED WAY UNLESS OTHERWISE SHOWN ON THE PLANS.
 THE CONTRACTOR SHALL MAKE CERTAIN THAT PLACEMENT OF CONES, DRUMS AND MARKERS, OR BARRICADES SHALL NOT INTERFERE WITH SIGHT DISTANCE.
- A DRUM MOUNTED WITH A TYPE B FLASHING HIGH INTENSITY WARNING LIGHT SHALL BE PLACED AT A BUMP OR DIP IN THE PAVEMENT (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), WITH APPROPRIATE ADVANCE "BUMP" SIGNING. THE COST OF THESE DRUMS AND LIGHTS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01. BASIC WORK ZONE TRAFFIC CONTROL.
- WHERE POSSIBLE A LATERAL BUFFER SPACE OF 1.0' SHOULD BE PROVIDED BETWEEN THE WORK ZONE AND THE LINE OF DELINEATION DEVICES.

WORK ZONE TRAFFIC CONTROL NOTES

5. LANE CLOSURES

- A. DAILY LANE OR SHOULDER CLOSURES CAN BE UTILIZED BY THE CONTRACTOR AS APPROVED BY THE ENGINEER. DAILY LANE CLOSURE SET-UP SHALL CONFORM TO NYS STANDARD DETAILS, SHEET 619-30 AND/OR 619-60 AND A URBAN AREA DESIGN SPEED OF 30 MPH. PAYMENT FOR DAILY LANE AND SHOULDER CLOSURE SHALL BE INCLUDED UNDER ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL
- B. THERE SHALL BE NO TEMPORARY LANE CLOSURES ON THE DATES LISTED IN SPECIAL EVENTS / HOLIDAY NOTES ON DWG. GN-1 UNLESS OTHERWISE APPROVED BY THE ENGINEER, CITY, AND NYSDOT.
- C. SHORT DURATION ALTERNATING ONE-WAY TRAFFIC ON TWO-WAY ROADWAYS MAY BE MAINTAINED DURING THE WORKING HOURS ON ALL NON-STATE ROADWAYS IN ACCORDANCE WITH THE WZTC STANDARDS. HOWEVER. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE TWO UNOBSTRUCTED LANES FOR THE TWO-WAY TRAFFIC DURING NON-WORKING HOURS. ONE-WAY TRAFFIC OPERATIONS SHALL BE LIMITED TO A LENGTH APPROVED BY THE ENGINEER. FLAGGERS SHALL BE REQUIRED TO USE RADIO OR SIMILAR CONTACT WHEN THEY ARE MAINTAINING ONE-WAY TRAFFIC WHEN ONE FLAGGER IS NOT VISIBLE TO THE OTHER OR, IF IN THE OPINION OF THE ENGINEER, THIS COMMUNICATION IS NECESSARY. THE COST OF ANY RADIO OR FIELD TELEPHONES USED SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.

6. SIGNS

- A. THE CORRECT SEQUENCE AND SPACING OF APPROPRIATE SIGNS, WHETHER PERMANENT, TEMPORARY, OR CONSTRUCTION, MUST BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE WZTC STANDARDS AND AS DIRECTED BY THE ENGINEER.
- B. COLORS USED FOR CONSTRUCTION SIGNING (INCLUDING TEMPORARY OR MODIFIED GUIDE SIGNS) SHALL BE BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND WITH THE FOLLOWING EXCEPTIONS:
 - EMERGENCY SERVICE MARKERS. ROUTE MARKERS AND THEIR CORRESPONDING AUXILIARY SIGNS SHALL BE THE COLORS SPECIFIED IN THE WZTC STANDARDS. (ANY AUXILIARY SIGNS WHICH ARE NOT INCLUDED SHALL BE
 BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND). BLANK COVERS USED TO COVER
 PORTIONS OF EXISTING SIGNS SHALL BE OF A COLOR AND REFLECTORIZED MATERIAL MATCHING THAT OF THE SIGN BEING PARTIALLY COVERED. ANY REGULATORY SIGNS REQUIRED SHALL BE THE COLORS SPECIFIED IN THE WZTC STANDARDS.
- C. IF ADVANCE SIGNING OBSTRUCTS THE VISIBILITY OF THE FLAGGER OR CONFLICTS WITH DRIVEWAYS OR SIDE ROADS. SIGNS SHOULD BE MOVED BACK AS DIRECTED BY THE ENGINEER.
- D. ALL SIGNS NECESSARY FOR WORK ZONE TRAFFIC CONTROL (INCLUDING RELOCATION AND/OR MODIFICATION AND/OR RESTORATION OF EXISTING SIGN PANELS) AS NOTED IN THE PLANS. WZTC STANDARDS, OR AOBE SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01. BASIC WORK ZONE TRAFFIC CONTROL.
- E. ANY EXISTING SIGN DAMAGE IS TO BE DOCUMENTED AND ANY SUBSEQUENT SIGN DAMAGE REMEDIED. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE DONE, DUE TO THE CONTRACTORS METHODS. TO TEMPORARILY REMOVE, RELOCATE OR COVER SIGN PANELS OR SIGN TEXT. REFER TO SECTION 645-17 "COVERING OF SIGNS". IN THE STANDARD SPECIFICATIONS.
- F. ALL CONSTRUCTION SIGNS SHALL BE PLACED WITHIN THE HIGHWAY BOUNDARY AT THE SAME OFFSET FROM THE EDGE OF PAVEMENT AS EXISTING ROAD SIGNAGE.

PAVEMENT MARKINGS

- A. THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKINGS AT ALL TIMES. ON ALL PAVEMENT. WHETHER EXISTING, TEMPORARY OR NEW, UNTIL PERMANENT MARKINGS ARE INSTALLED OR RESTORED. THIS SHALL INCLUDE AT ALL LOCATIONS, EDGE LINES, CENTERLINE, LANE LINES (SOLID OR BROKEN), CHANNELIZING LINES, DOTTED LINES, PLUS ANY MARKINGS ORDERED BY THE ENGINEER. ALL MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH THE WZTC STANDARDS AND SHALL INDICATE ACTUAL CONDITIONS AT ALL TIMES. THESE MARKINGS SHALL BE PAID FOR LINDER ITEM 619.0901
- B. TEMPORARY OR INTERIM PAVEMENT MARKINGS COMPRISED OF TRAFFIC MARKING PAINT SHALL BE REPAINTED AT NO ADDITIONAL COST, WHEN 10% OF THE UNDERLYING PAVEMENT IS VISIBLE THROUGH THE PAVEMENT MARKING OR WHEN THE ENGINEER DEEMS REFLECTIVITY IS INADEQUATE.

8. PUBLIC INGRESS AND EGRESS

- A. THE CONTRACTOR SHALL PROVIDE PROPERTY OWNERS WITH ACCESS (AOBE) TO THEIR DRIVEWAYS AND SHALL MAINTAIN ACCESS THROUGH ALL PHASE WORK AREAS AND SHALL DELINEATE ACCESS BY MEANS OF SIGNS, CONES, AND/OR DRUMS AOBE. THE COSTS FOR SIGNS AND ANY OTHER DELINEATION AND GUIDING DEVICES (CONES, DRUMS, ETC.) SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.
- B. WHEN A SIDE ROAD OR DRIVEWAY INTERSECTS THE HIGHWAY WITHIN THE TEMPORARY TRAFFIC CONTROL ZONE, ADDITIONAL TRAFFIC CONTROL DEVICES SHALL BE ERECTED AND FLAGGERS POSTED AT APPROPRIATE LOCATIONS, AOBE. ALL COSTS INVOLVED SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL
- C. WHERE DIRECT ACCESS TO DRIVEWAYS IS NOT POSSIBLE DUE TO NECESSARY CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PLAN ALTERNATE MEANS OF ACCESS AND SUBMIT SUCH PLANS TO THE ENGINEER FOR APPROVAL. PROPERTY OWNERS/OCCUPANTS SHALL HAVE 24 HOUR NOTICE OF ANY CHANGES. COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE

9. VEHICLE RESTRICTIONS

A. THE CONTRACTOR SHALL GIVE VERBAL NOTICE AT THE BEGINNING AND END OF A RESTRICTION ON ANY ROADWAY TO ALL POLICE, FIRE, AND EMERGENCY SERVICE AGENCIES THAT PROVIDE SERVICES TO CONTRACT AREA.

10. CONSTRUCTION INGRESS AND EGRESS

- A. VEHICLES, MATERIALS AND/OR EQUIPMENT, INCLUDING OUT OF SERVICE SIGNS, SHALL NOT BE PARKED OR STORED WITHIN 35' OF A ROADWAY USED BY THE GENERAL PUBLIC OR ANY OTHER AREAS DEEMED HAZARDOUS BY THE EIC.
- B. VEHICLES PARKED BEHIND GUIDE RAIL/BARRIER SHALL BE PARKED BEYOND DEFLECTION DISTANCE AND WITHIN THE POINT OF NEED COVERAGE.
- C. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, AT ALL TIMES, SAFE & ADEQUATE INGRESS AND EGRESS TO AND FROM INTERSECTING HIGHWAYS, AT EXISTING OR AT NEW ACCESS POINTS CONSISTENT WITH THE WORK UNLESS OTHERWISE AUTHORIZED

11. FLAGGERS - CONTINUED

- A. WHEN FLAGGERS ARE BEING USED FOR TRAFFIC CONTROL PURPOSES, FLAGGER SIGNS (W2O-7a) SHALL BE PLACED AS SHOWN ON PLANS OR AOBE ON APPROACHES TO THE AREAS BEING FLAGGED. THE COST OF FLAGGER SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR 619.01 - BASIC WORK ZONE TRAFFIC CONTROL. FLAGGER SIGNS SHALL NOT BE LISED FOR BRIEF PERIODS OF INCIDENTAL FLAGGING. FLAGGER SIGNS SHALL NOT BE VISIBLE WHEN FLAGGERS ARE NOT BEING USED.
- B. STOP/SLOW PADDLES SHALL BE USED FOR FLAGGING AND SHALL CONFORM TO THE REQUIREMENTS IN THE MUTCO BUT SHALL BE A MINIMUM OF 24". THE COST OF THESE PADDLES AND ALL FLAGGERS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01. BASIC WORK ZONE TRAFFIC CONTROL.
- C. FLAGGERS SHALL NOT POSITION THEMSELVES DIRECTLY IN THE PATH OF ONCOMING TRAFFIC. THE FLAGGER SHOULD STAND EITHER ON THE SHOULDER ADJACENT TO THE TRAFFIC BEING CONTROLLED OR IN THE CLOSED/CHANNELIZED LANE. AT ALL TIMES, THE CONTRACTOR SHALL PROVIDE FLAGGERS WITH A CLEAR ESCAPE PATH, FREE OF PARKED VEHICLES, EQUIPMENT OR OTHER OBSTACLES.
- D. THE CONTRACTOR SHALL PROVIDE FLAGGERS WHERE SIGHT DISTANCES ARE IMPAIRED BY THE OPERATION OR IN ANY OTHER SITUATION AOBE. THE W20-7d SIGNS SHALL BE PLACED NO LESS THAN 300' IN ADVANCE OF THE FLAGGER STATION.
- E. FLAGGERS SHALL BE REQUIRED TO USE TWO-WAY RADIOS, WALKIE-TALKIES, OR OTHER FORMS OF ENHANCED COMMUNICATION WHEN ONE FLAGGER IS NOT VISIBLE TO THE OTHER OR IF THE ENGINEER DEEMS IT NECESSARY. ALL COSTS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- F. FLAGGERS SHALL USE THE FREE HAND FOR EMPHASIS AS SHOWN IN THE NATIONAL MUTCD. EACH FLAGGER SHALL CONTROL NO MORE THAN ONE APPROACH OF TRAFFIC UNLESS THE APPROACHES PRESENT UNUSUALLY LOW SPEEDS AND/OR UNUSUALLY LOW VOLUMES. WITH ADEQUATE SIGHT DISTANCE FOR THE SAFE HANDLING OF TRAFFIC, AS DETERMINED BY THE
- G. THE ENGINEER SHALL DETERMINE THE NUMBER OF FLAGGERS NEEDED FOR EACH APPLICABLE WORK ZONE. UNDER CERTAIN GEOMETRIC AND TRAFFIC SITUATIONS, MORE THAN ONE FLAGGER STATION MAY BE REQUIRED FOR EACH DIRECTION OF TRAFFIC. AT TWO WAY. UNUSUALLY LOW-VOLUME AND/OR UNUSUALLY LOW-SPEED SHORT LANE CLOSINGS, WHERE ADEQUATE SIGHT DISTANCE IS AVAILABLE FOR SAFE HANDLING OF TRAFFIC. THE USE OF ONE FLAGGER MAY BE SUFFICIENT. IN THIS SITUATION, A POSITION MAY HAVE TO BE TAKEN OPPOSITE THE WORK TO OPERATE EFFECTIVELY.
- H. FLAGGER STATIONS SHOULD BE VISIBLE FAR ENOUGH AHEAD TO PERMIT ALL VEHICLES TO STOP. THE FLAGGER SHOULD BE STATIONED FAR ENOUGH AHEAD OF THE WORK FORCE TO WARN THEM (FOR EXAMPLE WITH HORNS, WHISTLES, ETC.) OF APPROACHING DANGER, SUCH AS VEHICLES OUT OF CONTROL.





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WORK ZONE TRAFFIC CONTROL NOTES

SCALE: NONE DATE ISSUED: 5/2019 DRAWING WZTC-1

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, (IE; 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 (IE; 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.

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" × 24" VERTICAL PANELS, MOUNTED ON 2" × 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.

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

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 ACCESSIBLITY 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.

WORK ZONE TRAFFIC CONTROL NOTES (CONTINUED)

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 INFORAMTION.

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



Barton &Ioguidice

HURLEY AVENUE PAVING AND COMPLETE STREETS Ą CIT₹

WORK ZONE TRAFFIC CONTROL NOTES

SCALE: NONE DATE ISSUED: 5/2019 DRAWING WZTC-2

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

WZTC-3

NAME = L:\MSIN Projects\1600\1696.007.121 - Hurley Avenue\MSIN\PS&E\010_875781.WZTC 3.dgn DATE = 5/8/2019 TIME = 9:51:27 AM

PROPERTY BOUNDARY LINES (TYP.) HIGHWAY BOUNDARY LINES (TYP.) HURLEY AVENUE PLACE MAINTENANCE JURISDICTION PLAN
N.T.S. MAINTENANCE JURISDICTION TABLE CENTERLINE HIGHWAY LIMITS FEATURES TO BE MAINTAINED LANE MILES AGENCY AUTHORITY FOR MAINTENANCE JURISDICTION ROADWAY MUNICIPAL BOUNDRY TO WESTERN AVE CITY OF KINGSTON HURLEY AVE DRAINAGE, LANDSCAPING PAVEMENT, SHOULDERS, SIGNS, STRIPING VILLAGE CT. ENTIRE LIMITS N.A. N.A. CITY OF KINGSTON SECTION 349-C, HIGHWAY LAW DRAINAGE, LANDSCAPING PAVEMENT, SHOULDERS, SIGNS, STRIPING N.A. ENTIRE LIMITS N.A. SNYDER AVE CITY OF KINGSTON SECTION 349-C, HIGHWAY LAW DRAINAGE LANDSCAPING PAVEMENT, SHOULDERS, SIGNS, STRIPING N.A. N.A. COFFEY PL ENTIRE LIMITS CITY OF KINGSTON SECTION 349-C, HIGHWAY LAW DRAINAGE, LANDSCAPING PAVEMENT, SHOULDERS, SIGNS, STRIPING QUARRY ST. ENTIRE LIMITS N.A N.A. CITY OF KINGSTON SECTION 349-C, HIGHWAY LAW PAVEMENT, SHOULDERS, SIGNS, STRIPING N.A. CITY OF KINGSTON SHAMROCK LN. ENTIRE LIMITS N.A. SECTION 349-C, HIGHWAY LAW DRAINAGE, LANDSCAPING PAVEMENT, SHOULDERS, SIGNS, STRIPING TAYLOR ST. ENTIRE LIMITS N.A CITY OF KINGSTON SECTION 349-C, HIGHWAY LAW DRAINAGE, LANDSCAPING PAVEMENT, SHOULDERS, SIGNS, STRIPING SEVERYN ST ENTIRE LIMITS N.A. N.A. CITY OF KINGSTON SECTION 349-C, HIGHWAY LAW PAVEMENT, SHOULDERS, SIGNS, STRIPING N.A. N.A. WASHINGTON AVE. 50ft TO EITHER SIDE OF HURLEY AVE. CITY OF KINGSTON SECTION 349-C, HIGHWAY LAW DRAINAGE, LANDSCAPING SIDEWALKS CITY OF KINGSTON 10 HURLEY AVE MUNICIPAL BOUNDRY TO WESTERN AVE SIDEWALK 1.00 1.99 SECTION 349-C. HIGHWAY LAW SNYDER AVE ENTIRE LIMITS SIDEWALK N.A. N.A. CITY OF KINGSTON SECTION 349-C, HIGHWAY LAW COFFEY PL SIDEWALK N.A. 12 ENTIRE LIMITS N.A. CITY OF KINGSTON SECTION 349-C. HIGHWAY LAW ENTIRE LIMITS SIDEWALK N.A. QUARRY S N.A. CITY OF KINGSTON SECTION 349-C, HIGHWAY LAW 13 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 HURLEY AVE MUNICIPAL BOUNDRY TO WESTERN AVE PAVEMENT, SHOULDERS, SIDEWALK 1.00 CITY OF KINGSTON SECTION 10-25 SECTION 349-C. HIGHWAY LAW 16 VILLAGE CT. ENTIRE LIMITS PAVEMENT, SHOULDERS N.A. N.A. CITY OF KINGSTON SECTION 10-25 SECTION 349-C. HIGHWAY LAW 17 SNYDER AVE ENTIRE LIMITS PAVEMENT, SHOULDERS, SIDEWALK N.A. N.A. CITY OF KINGSTON SECTION 10-25 SECTION 349-C, HIGHWAY LAV 18 COFFEY PL ENTIRE LIMITS PAVEMENT, SHOULDERS, SIDEWALK N.A. N.A. CITY OF KINGSTON SECTION 10-25 SECTION 349-C, HIGHWAY LAV 19 QUARRY ST. ENTIRE LIMITS PAVEMENT, SHOULDERS, SIDEWALK N.A. N.A. CITY OF KINGSTON SECTION 10-25 SECTION 349-C, HIGHWAY LAW SHAMROCK LN. ENTIRE LIMITS PAVEMENT, SHOULDERS, SIDEWALK N.A. N.A. CITY OF KINGSTON SECTION 10-25 SECTION 349-C. HIGHWAY LAW 21 TAYLOR ST. ENTIRE LIMITS PAVEMENT, SHOULDERS N.A. N.A. CITY OF KINGSTON PREPARED BY: BARTON & LOGUIDICE, D.P.C. SECTION 349-C. HIGHWAY LAW 22 SEVERYN ST ENTIRE LIMITS PAVEMENT SHOULDERS N.A. N.A. CITY OF KINGSTON SECTION 10-25 SECTION 349-C, HIGHWAY LAW 23 WASHINGTON AVE. 50ft TO EITHER SIDE OF HURLEY AVE PAVEMENT, SHOULDERS, SIDEWALK 0.06 0.13 CITY OF KINGSTON 1. PART NO. REFERS TO CORRESPONDING NUMBERS ON THE PLAN SECTION 10-25 LIGHTING CITY OF KINGSTON 24 HURLEY AVE. MUNICIPAL BOUNDRY TO WESTERN AVE OVERHEAD STREET LIGHTING 1.00 1.99 SECTION 349-B. HIGHWAY LAW NATIONAL GRID
CITY OF KINGSTON 25 0.06 0.13 WASHINGTON AVE 50ft TO EITHER SIDE OF HURLEY AVE OVERHEAD STREET LIGHTING SECTION 349-B, HIGHWAY LAW NATIONAL GRID MOWING 26 HURLEY AVE. MUNICIPAL BOUNDRY TO WESTERN AVE LANDSCAPING WITH HIGHWAY BOUNDARY 1.00 1.99 CITY OF KINGSTON SECTION 46, HIGHWAY LAW HAVING CONTROL AND JURISDICTION THEREOF. 27 WASHINGTON AVE. 50ft TO EITHER SIDE OF HURLEY AVE LANDSCAPING WITH HIGHWAY BOUNDAR' 0.06 0.13 CITY OF KINGSTON SECTION 46. HIGHWAY LAW TRAFFIC SIGNALS 28 HURLEY AVE WASHINGTON AVE TRAFFIC SIGNALS NΑ N A CITY OF KINGSTON SECTION 12 HIGHWAY LAW STRUCTURES SECTION 349-C, HIGHWAY LAW HURLEY AVE I-87 UNDERPASS ENTIRE STRUCTURE 110ft. 110ft. NYSDOT SECTION 10-25

- 2. ALL EXISTING MUNICIPALITY OR PRIVATELY OWNED UTILITIES WITHIN THE
- 3. 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.

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
HANDING CONTROL AND LUBERICITION THEREOR

NORTH

SCHWENK DRIVE

e City of

Barton & Loguidice

MAINTENANCE JURISDICTION

SCALE: NONE DATE ISSUED: 5/2019 DRAWING

MJ-1

HURLEY AVENUE PAVING AND COMPLETE STREETS

KINGSTON

A

CITY

PIN 8761.94

NAME DATE TIME

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

TABLE OF WHITE EPOXY REFLECTORIZED **PAVEMENT STRIPING - ITEM 685.01**

SIDE LINE TYPE

RT

LT

xEL

xDLL

xDLL

xEL

xDLL

xDLL

xEL

xDLL

xDLL

xEL

xEL

xDLL

xDLL

xEL

xEL

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4

LENGTH

(FT)

2992.0

44.0

44.0

174.0

38.0

38.0

182.0

54.0

50.0

25.0

1019.0

54.0

56.0

150.0

96.0

55.0

40.0

40.0

142.0

142.0

70.0

70.0

43.0

46.0

87.0

87.0

1861.0

1593.0

824.0

203.0

205.0

54.0

54.0

97.0

96.0

110.0

110.0

60.0

60.0

58.0

45.0

45.0

139.0

139.0

28.0

28.0

STATION

TΩ

H 42+01.0

H 42+45.0

H 42+45.0

H 44+19.0

H 44+57.0

H 44+57.0

H 46+39.0

H 46+93.0

H 46+89.0

H 47+18.0

H 57+47.0

H 58+13.0

H 58+13.0

H 59+75.0

H 59+20.0

H 59+75.0

H 60+15.0

H 60+15.0

H 61+57.0

H 61+57.0

HS 10+70.0

HS 10+70.0

H 62+55.0

H 62+55.0

H 63+42.0

H 63+42.0

H 30+74.0

H 47+18.0

H 55+52.0

H 57+55.0

H 57+55.0

H 58+22.0

H 58+22.0

H 59+30.0

H 59+30.0

H 60+40.0

H 60+40.0

H 61+00.0

H 61+00.0

H 61+58.0

H 61+45.0

H 61+45.0

H 62+97.0

H 62+97.0

H 63+25.0

H 62+97.0 H 63+25.0 LT

FROM

H 12+09.0

H 42+01.0

H 42+01.0

H 42+45.0

H 44+19.0

H 44+19.0

H 44+57.0

H 46+39.0

H 46+39.0

H 46+93.0

H 47+28.0

H 57+59.0

H 57+57.0

H 58+25.0

H 58+24.0

H 59+20.0

H 59+75.0

H 59+75.0

H 60+15.0

H 60+15.0

H 61+57.0

H 61+57.0

HS 10+70.0

HS 10+70.0

H 62+55.0

H 62+55.0

H 12+13.0

H 31+25.0

H 47+28.0

H 55+52.0

H 55+52.0

H 57+68.0

H 57+68.0

H 58+33.0

H 58+34.0

H 59+30.0

H 59+30.0

H 60+40.0

H 60+40.0

H 61+00.0

H 61+00.0

H 61+58.0

H 62+97.0

QUANTITY

(LF)

2992.0

11.0

11.0

174.0

9.5

9.5

182.0

13.5

12.5

25.0

1019.0

13.5

14.0

150.0

192.0 55.0

10.0

10.0

142.0

142.0

17.5

17.5

10.8

11.5

87.0

87.0

1861.0

1593.0

824.0

203.0

205.0

13.5

13.5

97.0

192.0

27.5

27.5

60.0

60.0

14.5

11.3

45.0

139.0

139.0

7.0

7.0 TOTAL 10958.5

FACTOR

1.0

0.25

0.25

1.0

0.25

0.25

1.0

0.25

0.25

1.0

1.0

0.25

0.25

1.0

2.0

1.0

0.25

0.25

1.0

1.0

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2.0

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1.0

1.0

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0.25

1.0

1.0

1.0

0.25

0.25

	TABLE OF YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPING - ITEM 685.02									
STATION FROM TO		SIDE	LINE TYPE	WIDTH (INCH)	LENGTH (FT)	FACTOR	QUANTITY (LF)			
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					

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

TABLE OF WHITE EPOXY REFLECTORIZED

			ITEM 604.0708YY		ITEM	ITEM	
STATION	OFFSET	SIDE	YY	STRUCTURE TYPE	655.11010001 (EA)	621.04 (EA)	DESCRIPTION / NOTES
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	-	-	-

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

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+34.0	9.0	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

TOTALS

1.0 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		

TABLE OF E	MBEDDED	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	

MISCELLANEOUS

PIN 8761.94

HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON

Barton & Loguidice

SCALE: NONE DATE ISSUED: 5/2019 DRAWING MT-1

TABLES

NAME = L:\MSTN Projects\|600\|696.007.121 - Hurley Avenue\MSTN\PS&E\010b.876194.MT-2.dgn DATE = 5/8/2019 TIME = 9:51:37 AM

H 58+39.0

HS 12+68.0

HS 12+78.0

HS 12+95.0

W 11+11.0

H 47+88.0

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

SIDE LENGTH (LF) CENTERLINE STATION DESCRIPTION CL RT RT H 12+11.0 **BEGIN PROJECT** SNYDER AVENUE TIE-IN H 42+16.0 24.5 H 44+40.0 24.0 COFFEY PLACE TIE-IN RT H 46+59.0 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 RT H 41+91.0 5.0 SIDEWALK RECONSTRUCTION H 42+03.0 RT RT SIDEWALK RECONSTRUCTION 4.0 H 42+46.0 5.0 SIDEWALK RECONSTRUCTION RT H 44+15.0 5.0 SIDEWALK RECONSTRUCTION RT H 44+64.0 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 5.0 SIDEWALK RECONSTRUCTION LT H 52+68.0 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

10.5

4.5

10.0

4.5

75.0 548.5

SIDEWALK RECONSTRUCTION

SIDEWALK RECONSTRUCTION

SIDEWALK RECONSTRUCTION

SIDEWALK RECONSTRUCTION

SIDEWALK RECONSTRUCTION

DRAINAGE PIPE INSTALLATION

LT

LT RT

RT

LT

CL TOTAL

TABLE OF SAWCUTTING -ITEM 627.50140008

> Barton & Loguidice HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON PIN 8761.94

MISCELLANEOUS **TABLES**

MT-2

SCALE: NONE DATE ISSUED: 5/2019

DRAWING

LIMIT OF WORK (SEE SECTION A-A AND NOTE 5)

EXISTING DRIVEWAY

EXISTING

DRIVEWAY

NEAT CUT (SEE

NOTES 1 AND 2)

VARIES

EXISTING DRIVEWAY

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

SECTION

TABLE OF DRIVEWAYS THICKNESS STATION SIDE 203.02 304.1100000 608.020102 NOTES / DESCRIPTION AREA (SF) (FT) (TON) 6 H 27+89.0 10.0 DRIVEWAY RECONSTRUCTION H 28+58.0 10.0 300.0 0.292 DRIVEWAY RECONSTRUCTION DRIVEWAY RECONSTRUCTION 10 H 29+42.0 0.0 266.0 0.292 4.9 DRIVEWAY RECONSTRUCTION 14 H 35+17.0 0.0 50.0 184 0 0.292 5.4 46 DRIVEWAY RECONSTRUCTION 15 H 35+98 0 1.3 3.6 0.0 20.0 73.0 0.292 1 4 1.8 DRIVEWAY RECONSTRUCTION DRIVEWAY RECONSTRUCTION 16 H 36+06.0 5.5 43.0 0.292 4.3 5.9 18 H 37+06.0 1.3 4.8 0.0 24.5 119.0 0.292 3.0 DRIVEWAY RECONSTRUCTION 17.5 DRIVEWAY RECONSTRUCTION 19 H 37+34.0 0.0 2.5 0.0 44.0 0.292 0.8 1.1 DRIVEWAY RECONSTRUCTION 48A H 37+34.0 48B H 37+34.0 4.4 DRIVEWAY RECONSTRUCTION 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

-ASPHALT TIP-UP GUTTER (SEE PLAN FOR LOCATION)

-EXISTING

HIGHWAY

HURLEY AVE

TIP-UP GUTTER

PROPOSED ROADWAY

- 1.5" TOP COURSE, ITEM 608.020102

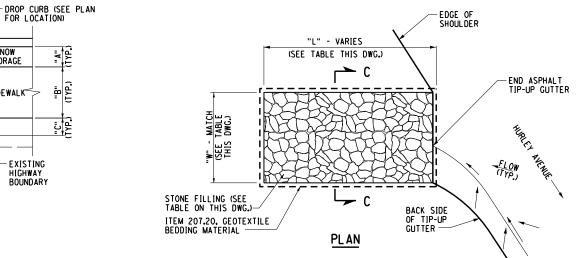
-6.0" SUBBASE, ITEM 304.11000008

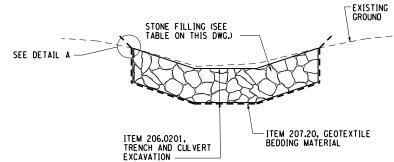
-2.0" BINDER COURSE, ITEM 608.020102

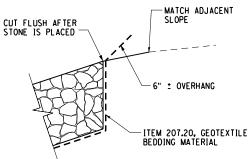
SECTION, SEE TYPICAL SECTIONS FOR DETAILS

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 SIDEWALK WIDTH VARIES (SEE NOTE 1) YARD, PAYMENT INCLUDED UNDER ITEM 608.0101 1.5% MAX -LIMITS OF EXCAVATION, ITEM 203.02 CONCRETE SIDEWALK DETAIL NOTES: 1. ADDITIONAL CONSTRUCTION DETAILS
ARE PROVIDED IN NYSDOT STANDARD -4" CONCRETE SIDEWALK - ITEM 608.0101 (6" CONCRETE SIDEWALK AT DRIVEWAYS) SPECIFICATION 608-3. -6" SUBBASE - ITEM 304.11000008

CONCRETE SIDEWALK DETAIL N.T.S.







DETAIL A STONE APRON DETAILS

NTS

HURLEY AVE CURB STORAGE SIDEWALK LIMIT OF WORK (SEE SECTION B-B AND NOTE 5) EXISTING DRIVEWAY

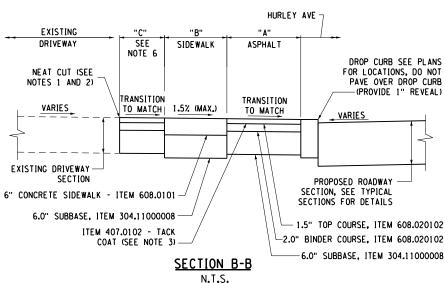
(SEE DRIVEWAY TABLE THIS SHEET) DRIVEWAY DETAIL N.T.S.

SNOW STORAGE

SIDEWALK

EXISTING

HIGHWAY



DRIVEWAY NOTES:

SECTION A-A

N.T.S.

HURLEY AVE

(SEE DRIVEWAY TABLE THIS SHEET)

DRIVEWAY DETAIL

N.T.S.

-ITEM 407.0102 - TACK

COAT (SEE NOTE 3)

ASPHAL T

TRANSITION

TO MATCH

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 AOBE. A SMOOTH TRANSTION 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 AOBE. A SMOOTH TRANSTION SHALL BE MADE BETWEEN THE EXISTING PAVEMENT/GROUND AND THE PROPOSED ASPHALT.

MATERIAL ITEM 620.03

ITEM 620.03

STONE APRON TABLE

5'-3"

5′-3"

18"

LENGTH

6'-0"

12'-0"

STATION

1 34+65.0. L

H 34+65.0, RT.

Barton &Ioguidice SECTION C-C HURLEY AVENUE PAVING AND COMPLETE STREETS KINGSTON

MISCELLANEOUS

DETAILS

A N

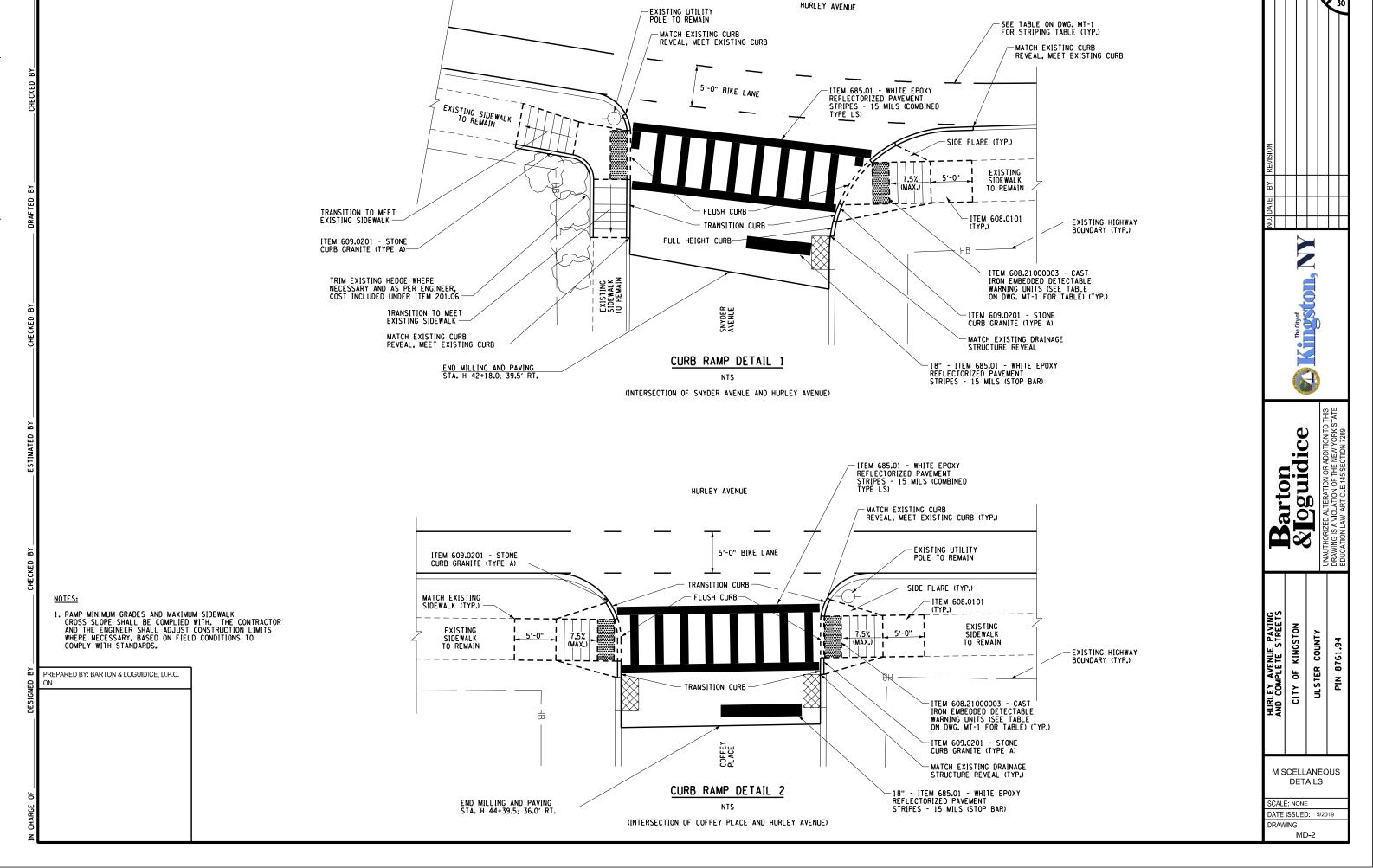
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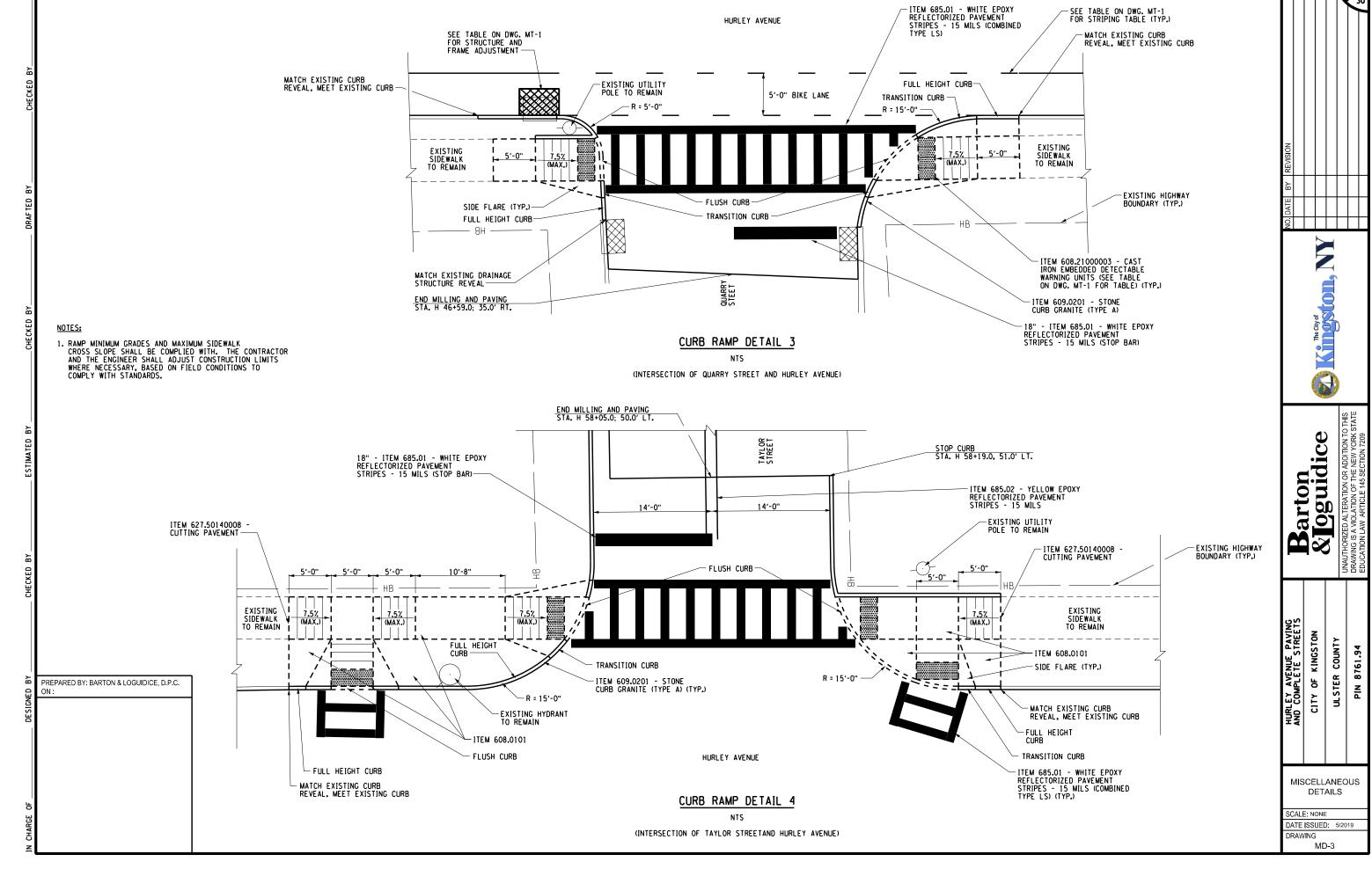
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SCALE: AS SHOWN DATE ISSUED: 5/2019 DRAWING

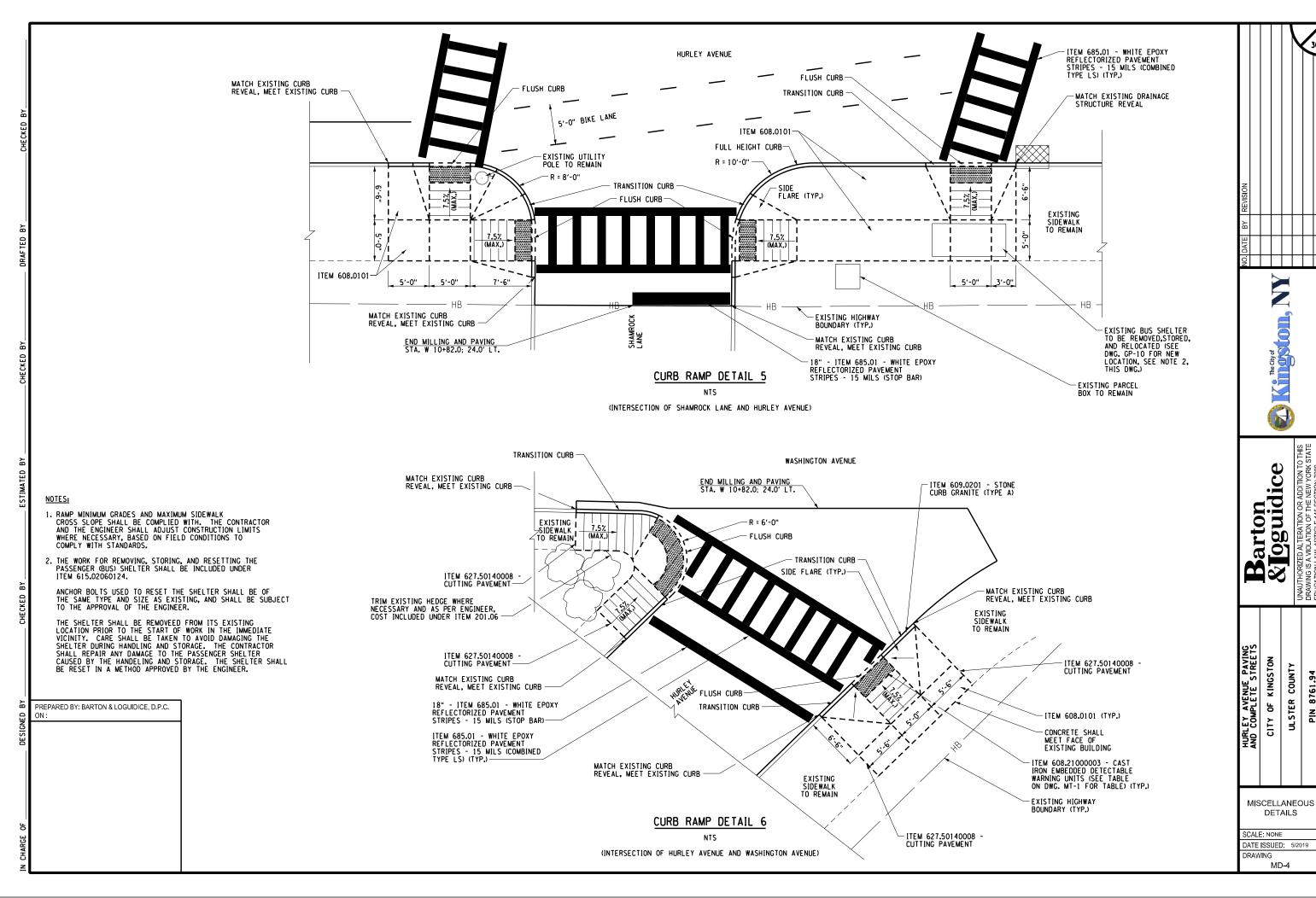
MD-1







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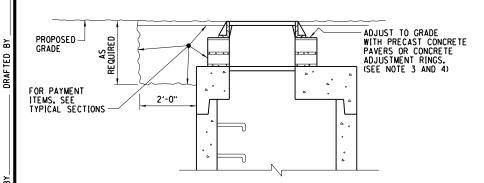


PIN 8761.94

Avenue\MSTN\PS&E\013_876194_MD

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.
- 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 PAYEMENT 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 UTILITES SHALL BE PROTECTED / SUPPPORTED IF ENCOUNTERED DURING EXCAVATION / INSTALLATION OPERATIONS.



ALTERING DRAINAGE STRUCTURES AND MANHOLES - ITEM 604.0708YY

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

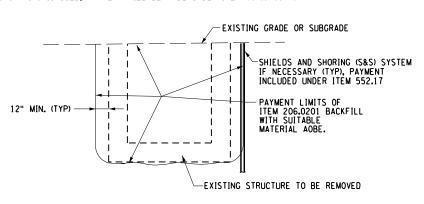
CATCH BASIN AND SANITARY MANHOLE MODIFICATIONS/ALTERATIONS:

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

ITEM 604.0708YY:

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

- 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
- 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.



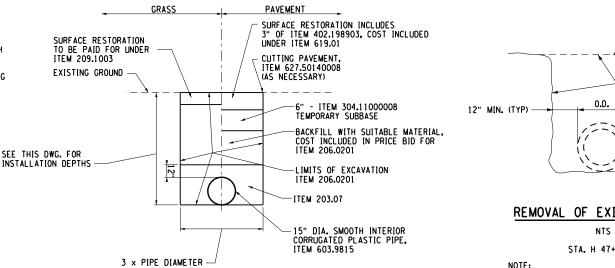
REMOVAL OF EXISTING DRAINAGE STRUCTURE

NTS

STA, H 47+88,00: 17' RT. STA. H 47+88.00: 17' LT.

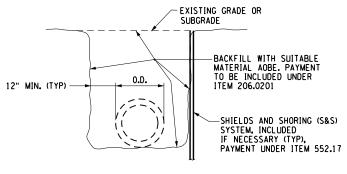
STRUCTURE REMOVAL NOTES:

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

STA. H 47+88.00

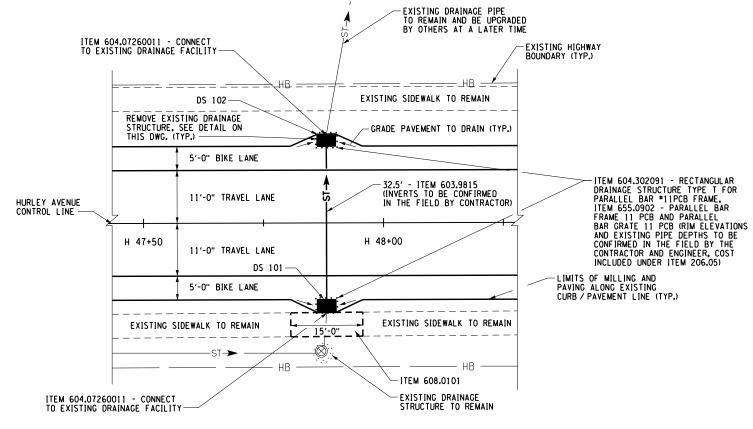


REMOVAL OF EXISTING PIPES

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

MISCELL ANEOUS DETAILS

HURLEY AVENUE PAVING AND COMPLETE STREETS

KINGSTON

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Barton & Loguidice

SCALE: AS SHOWN DATE ISSUED: 5/2019 DRAWING

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CURVE NO. 1 H CURVE NO. 2 H CURVE NO. 3 H Δ = 10°-13'-12" R = 850.00' L = 151.62' T = 76.01' △ = 2°-54′-52" △ = 1°-13'-54' R = 3.000.00'R = 5.000.00' L = 107.48' L = 152.60' T = 76.32' T = 53.74'E = 0.97E = 0.29'E = 3.38 WORK LIMITS
CITY OF KINGSTON MUNICIPAL BOUNDARY
BEGIN PAVEMENT MILLING
AND ASPHALT OVERLAY
MATCH EXISTING PAVEMENT
STA, H 12+11.00 ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE) - 3'-0" SHOULDER **COUNTY ROUTE 29** 11'-0" TRAVEL LANE CURVE NO. 1 H CURVE NO. 2 H A7 44°58'-29 AZ 46º12'-23" H 15+00 HURLEY AVENUE H 11+00 H 14+00 H 11+50 H 12+00 H 12+50 H 13+00 -11'-0" TRAVEL LANE - 3'-0" SHOULDER HB HORIZONTAL CONTROL LINE MOO ITEM 685.01 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (EDGE LINE STRIPING (TYP.) LIMITS OF SAWCUTTING (TYP.) MILLING AND OVERLAY, SEE TYPICAL SECTIONS ON DWGS. TYP1 AND TYP-2 (TYP.) 10. IF THE CONTRACTOR IS UNABLE TO IDENTIFY THE LIMITS OF THE RIGHTS-OF-WAY WHEN THE CONTRACT CALLS FOR WORK IN THOSE VICINTIES, 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). 1. TREES, BUSHES, AND SHRUBS TO BE REMOVED AND/OR TRIMMED SHALL BE INCLUDED UNDER ITEM 201.06. (TYPICAL FOR DWGS. GP-1 THRU GP-11) 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. SIGN REMOVAL (ITEM 647.61) PREPARED BY: BARTON & LOGUIDICE, D.P.C.

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.

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 ALL WORK TO BE PERFORMED UNDER HIS COUNTACT 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 ESPACES OF PROTECTIVE PROPRIET OF ANY FENCES OR PROTECTIVE BARRIER.

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.

REMOVE EXISTING SURFACE IN CROSS-HATCHED AREAS TO A DEPTH OF 1'-O" UNDER ITEM 203.02. RE-ESTABLISH GRADE UNDER ITEM 203.03, 4" OF ITEM 610.1403, AND

(X-X) NEW SIGN

SIGN RELOCATION (ITEM 647.31)

20 HORIZONTAL 1" = 40 FEET

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ONG:

MATCH

GENERAL PLAN

HURLEY AVENUE PAVING AND COMPLETE STREETS

KINGSTON

CITY OF

PIN 8761.94

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

Barton &Ioguidice

CURVE NO. 4 H

SEE DWG. GP-1 FOR NOTES AND LEGEND

CURVE NO. 3 H

Δ = 10°-13'-12" R = 850.00' L = 151.62' T = 76.01' E = 3.38' △ = 4°-22′-27" R = 2,000.00′ L = 152.69′ T = 76.38′ E = 1.46′ ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE) GP-1 EXISTING HIGHWAY BOUNDARY (TYP.) — DWY 2 GP-3 DWG. - 3'-0" SHOULDER DWG. MATCH LINE -11'-0" TRAVEL LANE HURLEY AVENUE H 16+00 CURVE NO. 4 H H 16+50 AZ 30°22'-49" H 17+00 H 17+50 H 18+00 H 18+50 H 19+50 H 20+00 -11'-0" TRAVEL LANE MATCH LINE 3'-0" SHOULDER HORIZONTAL CONTROL LINE 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.) PREPARED BY: BARTON & LOGUIDICE, D.P.C.

Barton & Loguidice

HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON

GENERAL PLAN

GP-2

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

DRAWING

20

HORIZONTAL 1" = 40 FEET

PIN 8761.94

Kingston,

△ = 5°-40'-42" R = 1,500.00' L = 148.66' T = 74.39' E = 1.84' E = 0.56'GP-2 DWG. SEE LINE MATCH PREPARED BY: BARTON & LOGUIDICE, D.P.C.

CURVE NO. 5 H

Δ = 2°-42'-51" R = 2,000,00' L = 94.74' T = 47.38'

CURVE NO. 6 H

SEE DWG. GP-1 FOR NOTES AND LEGEND

ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE) DWY 3 EXISTING HIGHWAY BOUNDARY (TYP.) - 3'-0" SHOULDER GP-4 3'-0" SHOULDER-HURLEY AVENUE 11'-0" TRAVEL LANE AZ 30°22'-49" CURVE NO. 5 H DWG. AZ 33°05′-41" H 21+00 H 21+50 H 22+50 H 23+00 -11'-0" TRAVEL LANE H 23+50 11'-0" TRAVEL LANE H 24+00 H 24+50 H 25+00 11'-0" TRAVEL LANE ™ 3'-0" SHOULDER HORIZONTAL CONTROL LINE 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.) MATCH 3'-0" SHOULDER -LIMITS OF PAVEMENT
MILLING AND OVERLAY,
SEE TYPICAL SECTIONS ON
DWGS. TYP1 AND TYP-2 (TYP.) GERALD C. HOPKINS (REPUTED OWNER) L. 5957 P. 179 TM* 48.70-1-38

Barton &Ioguidice

HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON

GENERAL PLAN

GP-3

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

DRAWING

20

HORIZONTAL 1" = 40 FEET

PIN 8761.94

Kingston,

CURVE NO. 6 H **CURVE NO. 7 H CURVE NO. 8 H CURVE NO. 9 H** Δ = 5°-40'-42" R = 1,500.00' L = 148.66' T = 74.39' E = 1.84' Δ = 12°-00'-54" R = 500.00' L = 104.85' T = 52.62' E = 2.75' Δ = 35°-02'-43" R = 290.00' L = 177.38' T = 91.56' E = 13.46' Δ = 12°-48'-34" R = 750.00' L = 167.68' T = 84.19' E = 4.68' EXISTING HIGHWAY BOUNDARY (TYP.) — ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE) DWY 6 DWY 10 DWY 5A EXISTING PROPERTY BOUNDARY (TYP.) HURLEY AVENUE Kimoston, H 28+00 H 28+50 DWY 11 DWY 9 REFLECTORIZED PAVEMENT STRIPES - 15 MILS (EDGE LINE STRIPING (TYP.) EXISTING DRAINAGE STRUCTURE CRATE 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.) Barton &Ioguidice 3117 LIMITS OF PAVEMENT MILLING AND OVERLAY, SEE TYPICAL SECTIONS ON DWGS, TYP1 AND TYP-2 (TYP.) DWY 5 DWY 12 MATCH, JOHN DELLAY AND 世 DWY 4 JANICE DELLAY STOP LANE TAPER STA. H 26+25.00 湖,粉料 (REPUTED OWNERS) L. 3897 P. 279 JOHN A. DELLAY TM* 48.70-1-35.2 AND JANICE M. DELLAY EDWARD O'SHEA (REPUTED OWNER) L. 5782 P. 127 TM* 48.70-1-37 REPUTED OWNERS) 2181 P. 324 48.70-1-35.1 KT LEGACY LLC (REPUTED OWNER) L. 6288 P. 146 TM* 48.70-1-36 HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON ULSTER COUNTY PIN 8761.94 PREPARED BY: BARTON & LOGUIDICE, D.P.C. **GENERAL PLAN** SCALE: 1" = 40'-0" DATE ISSUED: 5/2019 20 SEE DWG. GP-1 FOR NOTES AND LEGEND DRAWING HORIZONTAL 1" = 40 FEET GP-4

GRID NORTH CURVE NO. 12 H **CURVE NO. 10 H** CURVE NO. 11 H Δ = 10°-58'-44" R = 1,750.00' L = 335.33' T = 168.18' E = 8.03' Δ = 3°-14'-25" R = 2,000.00' L = 113.11' T = 56.57' Δ = 1°-13'-28" R = 2,000.00' L = 42.74' T = 21.37'E = 0.80' E = 0.11' DWY 13 EXISTING HIGHWAY BOUNDARY (TYP.) — 223 KNY LLC (REPUTED OWNER) L. 6333 P. 75 BEGIN EASTBOUND AND
WESTBOUND ASPHALT TIP-UP
CUTTER, CONNECT TO STONE
APRONS (SEE DETAILS ON DWG, MD-1
STA. H 34+65.00 ITEM 663.33 - ADJUST EXISTING VALVE BOX ELEVATION (SEE DWG. MT-1 FOR TABLE) (TYP.) TM* 48.70-1-10 ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE) BEGIN EASTBOUND BIKE LANE END WESTBOUND BIKE LANE END SHOULDER STRIPING TRANSITION STA. H 34+92.00 BEGIN SHOULDER TRANSITION STA. H 33+56.00 PC H 33+13.17 DWY 14 Kingston, g Ġ. DWG. DWG. V \ -11'-0" TRAVEL LANE 11'-0" TRAVEL LANE CURVE NO. 10 H AZ 103°38'-48" SEE SEE HURLEY AVENUE H 32+50 H 33+00 H 33+50 11'-0" TRAVEL LANE -11'-0" TRAVEL LANE H 34+50 H 35+00 LINE LINE T 3'-0" SHOULDER MATCH HORIZONTAL CONTROL LINE MATCH EXISTING DRAINAGE STRUCTURE GRATE TO BE REMOVED AND REPLACED WITH RETICULINE GRATE, COST INCLUDED UNDER ITEM 655.11010001, ADJUST FRAME ELEVATION UNDER ITEM 604.070BYY (SEE DWG. MT-1 FOR TABLE) (TYP.) Barton &Ioguidice ITEM 685.01 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (EDGE LINE STRIPING (TYP.) SOUTHBOUM CENTRAL HUDSON GAS & ELECTRIC CORPORATION (REPUTED OWNER) ITEM 685.04 - WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 15 MILS (SEE TABLE ON DWG. MT-1) (TYP.) L. 864 P. OI LIMITS OF PAVEMENT
MILLING AND OVERLAY,
SEE TYPICAL SECTIONS ON
DWGS. TYPI AND TYP-2 (TYP.) TM* 48.70-1-34 EXISTING STREAM CHANNEL RALPH G. PALEN (REPUTED OWNER) L. 5916 P. 190 EXISTING PROPERTY BOUNDARY (TYP.) TM* 4870-1-33 HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON ULSTER COUNTY PIN 8761.94 4.3 SF - ITEM 645.5102 1 EA. - ITEM 645.81 PREPARED BY: BARTON & LOGUIDICE, D.P.C. BIKE LANE 24" X 18" R3-17 **AHEAD** 24" X 8" R3-17aP **GENERAL PLAN** (5-1)SCALE: 1" = 40'-0" DATE ISSUED: 5/2019 20 40 SEE DWG. GP-1 FOR NOTES AND LEGEND DRAWING HORIZONTAL 1" = 40 FEET

GP-5

= L:NMSTN Projects\1600\1696.007.121 - Hurley Avenue\MSTN\PS&E\019_876194_PL = 5/8/2019 = 9:52:30 AM

NAME DATE TIME

Δ = 10°-58'-44" R = 1,750.00' L = 335.33' T = 168.18' E = 8.03'

'n ġ DWG. SEE MATCH PREPARED BY: BARTON & LOGUIDICE, D.P.C.

CURVE NO. 12 H

T = 46.93' E = 0.44'

CURVE NO. 13 H

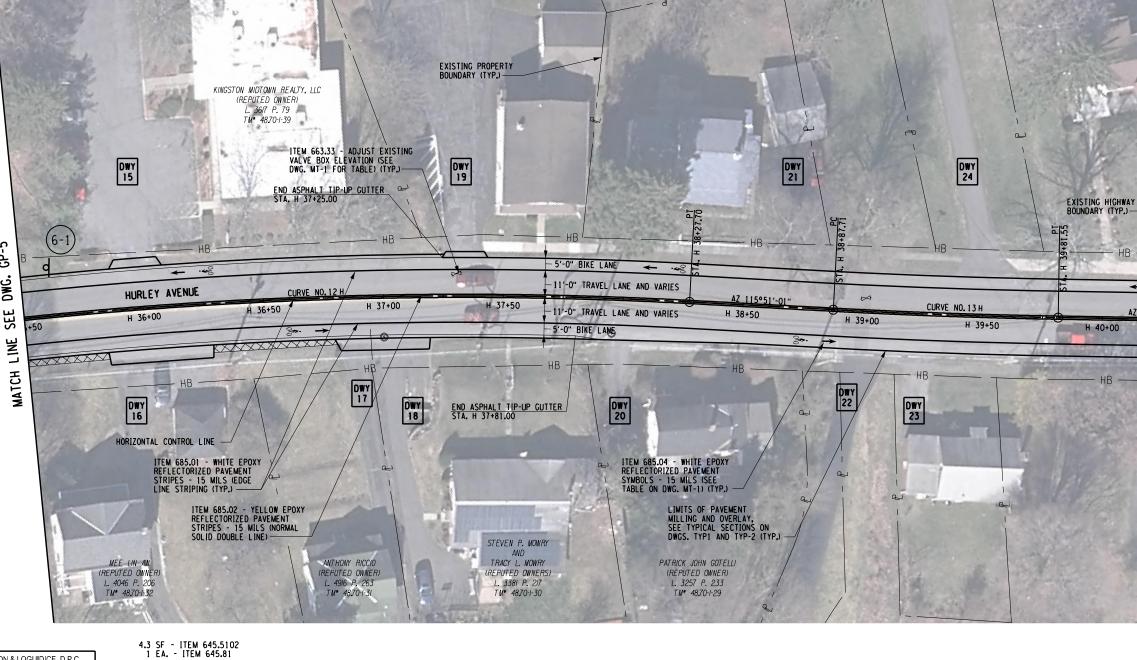
Δ = 2°-09'-03" R = 2,500.00' L = 93.84'

BIKE LANE 24" X 18" R3-17

> **ENDS** 24" X 8" R3-17bP

> > (6-1)

SEE DWG. GP-1 FOR NOTES AND LEGEND



DWG. SEE LINE MATCH

20

HORIZONTAL 1" = 40 FEET

Ġ

DWY 26

AZ 113°41'-58"

DWY 25

H 40+00

HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON

GENERAL PLAN

DATE ISSUED: 5/2019

GP-6

SCALE: 1" = 40'-0"

DRAWING

Barton & Loguidice



N Kingston,

ULSTER COUNTY PIN 8761.94

CURVE NO. 14 H

SIGN LOCATION

2, 4 STOP

Δ = 11°-05'-07" R = 900.00' L = 174.13' T = 87.34'

SIGN REMOVAL AND RELOCATION TABLE

DESCRIPTION

SEE DWG. GP-1 FOR NOTES AND LEGEND

1 WATCH FOR CHILDREN

QUANTITY (EA)

ITEM 647.31

647 61

E = 4.21' STREET NAME SIGNS 647.31 LIMITS OF PAVEMENT
MILLING AND OVERLAY,
SEE TYPICAL SECTIONS ON
DWGS. TYP1 AND TYP-2 (TYP.) ITEM 663.33 - ADJUST EXISTING VALVE BOX ELEVATION (SEE DWG. MT-1 FOR TABLE) (TYP.) HORIZONTAL CONTROL LINE - ITEM 685.01 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (EDGE LINE STRIPING (TYP.) DWY 31 DWY 27 DWY 33 DWY 26 DWY 32 DWY 29 ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE) ITEM 685.04 - WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 15 MILS (SEE TABLE ON DWG. MT-1) (TYP.)-EXISTING PROPERTY BOUNDARY (TYP.) છું EXISTING HIGHWAY BOUNDARY (TYP.) -DING EXISTING STREET NAME SIGN TO REMAIN GP-8 DWG. Barton &Ioguidice -5'-0" BIKE LANE -11'-0" TRAVEL LANE AND VARIES 11'-0" TRAVEL LANE AND VARIES HURLEY AVENUE CURVE NO. 14 H SE 11'-0" TRAVEL LANE AND VARIES H 45+00 H 44+50 H 42+50 11'-0" TRAVEL LANE AND VARIES 43+00 LIR EXISTING HEDGE TO BE TRIMMED FOR SIDEWALK AND BACK CURB INSTALLATION, COST INCLUDED UNDER ITEM 201.06 -5'-0" BIKE LANE MATCH LOUIS J. PASQUINI, JR. DWY 28 3 > ITEM 645.81 (1 EA) AND LILY ZHANG
(REPUTED OWNE) 12'_ (REPUTED OWNERS) TYPE 1 CURB RAMP CONFIGURATION WITH SIDE FLARES L. 4438 P. 56 L. 4421 P. 91 TM* 48.312-4-1 TM" 48,312-4-2 MATHEW P. CAMARA (REPUTED OWNER) L. 4908 P. 222 WALTER R. BILYEN (REPUTED OWNER) 1. 2070 P. 240 TM* 48,312-2-4 CAST IRON EMBEDDED
DETECTABLE WARNING
UNITS (TYP.) (SEE TABLE
ON DWG. MT-1) RED BIRD PUBLISHING, LLC (REPUTED OWNER) L. 6280 P. 159 TM* 48.312-3-1 TM* 48.312-2-3 HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON EXISTING UTILITY POLE AND CONDUIT TO REMAIN TYPE 4 CURB RAMP CONFIGURATION WITH BACK CURB -EXISTING UTILITY POLE TO REMAIN EXISTING RADAR FEEDBACK SIGN ASSEMBLY (SOLAR) TO REMAIN— ULSTER PREPARED BY: BARTON & LOGUIDICE, D.P.C. -TYPE 1 CURB RAMP CONFIGURATION WITH SIDE FLARES TYPE 1 CURB RAMP CONFIGURATION WITH SIDE FLARES (1) ITEM 645.81 (1 EA) CROSSWALK, SEE NOTE 7 (TYP.) TO STOP AT DRAINAGE STRUCTURES STOPBAR, SEE NOTE 6 (TYP.) 6.3 SF - ITEM 645.5202 1 EA. - ITEM 645.81 6.3 SF - ITEM 645.5202 1 EA. - ITEM 645.81 STOP **GENERAL PLAN**

30" X 30" R1-1

PIN 8761.94

SCALE: 1" = 40'-0"

DRAWING

20

HORIZONTAL 1" = 40 FEET

DATE ISSUED: 5/2019

GP-7

30" X 30" R1-1

CURVE NO. 15 H

CURVE NO. 16 H

SIGN REMOVAL AND RELOCATION TABLE

= L:NSIN Projects\1600\1696.007.121 - Hurley = 5/8/2019 = 9:52:42 AM

Δ = 0°-51'-47" R = 2,000.00' L = 30.13' T = 15.06' SIGN LOCATION QUANTITY (EA) Δ = 9°-01'-32" R = 1,000.00' L = 157.53' ITEM DESCRIPTION 647.61 T = 78.93'E = 3.10'E = 0.06' EXISTING PROPERTY BOUNDARY (TYP.) SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY TO REMAIN DWY 38 DWY 43 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.) DWY 41 - ITEM 663.33 - ADJUST EXISTING VALVE BOX ELEVATION (SEE DWG. MT-1 FOR TABLE) (TYP.) CROSSWALK, SEE NOTE 7 (TYP.) - EXISTING HIGHWAY BOUNDARY (TYP.) EXISTING STREET
NAME SIGN TO REMAIN -ITEM 685.04 - WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 15 MILS (SEE DWY 35 - ITEM 685.01 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (EDGE LINE STRIPING (TYP.) REMOVE AND REPLACE
EXISTING DRAINAGE STRUCTURES ڄ S DWG. DWG. - 5'-0" BIKE LANE HURLEY AVENUE -11'-0" TRAVEL LANE SEE AZ 103°28'-38" CURVE NO. 16 AZ 102°36'-51" H 46+00 H 46+50 H 47+00 H 47+50 H 48+00 H 48+50 H 49+50 -11'-0" TRAVEL LANE - 5'-0" BIKE LANE MATCH 0 DWY 39 DWY 34 DWY 42 DWY 40 (8-2)DWY 44 ANTONIE B. CHISHOLM EXISTING UTILITY POLE AND CONDUIT TO REMAIN (REPUTED OWNER)
L. 4438 P. 56 HORIZONTAL CONTROL LINE TYPE 1 CURB RAMP CONFIGURATION WITH RETURN CURB DIANNE FISHER VM* 48.312-4-\$ ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE) HURLEY AVENUE PAVING AND COMPLETE STREETS CITY OF KINGSTON JAMES FISHER (REPUTED OWNERS) L. 5562 P. 199 TM* 48.313-1-2 CURB RECONSTRUCTION TO STOP AT DRAINAGE LIMITS OF PAVEMENT
MILLING AND OVERLAY,
SEE TYPICAL SECTIONS ON
DWGS. TYP1 AND TYP-2 (TYP.)— STRUCTURES (TYP.) -TYPE 1 CURB RAMP CONFIGURATION WITH SIDE FLARES STOPBAR, SEE NOTE 6 PREPARED BY: BARTON & LOGUIDICE, D.P.C. (8-1)-CAST IRON EMBEDDED
DETECTABLE WARNING UNITS (TYP.)
(SEE TABLE ON DWG. MT-1) 6.3 SF - ITEM 645.5202 1 EA. - ITEM 645.81 3.0 SF - ITEM 645.5102 1 EA. - ITEM 645.81 Ø BIKE LANE 24" X 18" R3-17 30" X 30" R1-1 8-2 8-3 SCALE: 1" = 40'-0" DATE ISSUED: 5/2019 20 SEE DWG. GP-1 FOR NOTES AND LEGEND DRAWING HORIZONTAL 1" = 40 FEET

Barton &Ioguidice

PIN 8761.94

ULSTER

GENERAL PLAN

GP-8

CURVE NO. 16 H CURVE NO. 16 H SIGN REMOVAL AND RELOCATION TABLE Δ = 9°-01'-32" R = 1,000.00' L = 157.53' T = 78.93' Δ = 9°-01'-32" R = 1,000.00' L = 157.53' QUANTITY (EA) SIGN LOCATION ITEM DESCRIPTION 647.31 ONE WAY FIRE HYDRANT T = 78.93'647.61 E = 3.10'E = 3.10'DWY 48A PARKING LOT CIRCULATION TO BE REVISED BY OTHERS TIEM 663.46 - REMOVE AND STORE EXISTING HYDRANT TITEM 663.33 - ADJUST EXISTING VALVE BOX ELEVATION (SEE DWG. MT-1 FOR TABLE) (TYP.) DWY 45 DWY 47 ITEM 645.81 (1 EA) DWY 52 EXISTING HIGHWAY
BOUNDARY (TYP.) 2 EXISTING DRAINAGE STRUCTURE TO REMAIN SEE DETAIL ON THIS DWG. - 5'-0" SIDEWALK (ITEM 608.0101) بغ 6P-8 DWG. - 5'-0" BIKE LANE – R = 8'-0" - R = 8'-0" DMG. -11'-0" TRAVEL LANE HURLEY AVENUE AZ 112º30'-10" SEE H 52+50 H 53+00 H 54+50 H 52+00 H 53+50 H 55+00 H 51+50 띯 -11'-0" TRAVEL LANE H 51+00 LINE -5'-0" BIKE LANE TTEM 609.0201 - STON CURB, GRANITE (TYPE A **③** (3) MATCH 0 MATCH DWY 49 DWY 51 DWY 50 ITEM 685.04 - WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 15 MILS (SEE TABLE ON DWG. MT-1) (TYP.)-HORIZONTAL CONTROL LINE ITEM 685.01 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (EDGE LINE STRIPING (TYP.) ITEM 663.42 - REMOVE AND DISPOSE OF EXISTING VAVLE BOX (CONTRACTOR TO CLOSE LIMITS OF PAVEMENT
MILLING AND OVERLAY,
SEE TYPICAL SECTIONS ON
DWGS, TYP1 AND TYP-2 (TYP.) - 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 ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE) HURLEY AVENUE PAVING AND COMPLETE STREETS (SEE DWG. MT-1 FOR TABLE) (TYP.) ITEM 663.1006 - RESILIANT WEDGE VALVE WITH ITEM 663.2106 WEDGE TYPE MECHANICAL RESTRAINT GLANDS (6" DIA.) PREPARED BY: BARTON & LOGUIDICE, D.P.C. -ITEM 663.1301 - HYDRANT -6'-6" OF ANCHOR PIPE, COST INCLUDED IN ITEM 663.1301 ITEM 663.2002 - 12" X 12" X 6" TEE WITH ITEM 663.2112 - WEDGE TYPE MECHANICAL RESTRAINT GLANDS (12" DIA.), ITEM 663.2106 - WEDGE TYPE MECHANICAL RESTRAINT GLANDS (6" DIA.) AND THRUST BLOCK — -CONTRACTOR TO VERIFY
PIPE SIZE PRIOR TO ORDERING
MATERIAL, COST INCLUDED
UNDER ITEM 206.05 DETAIL A1 20 SEE DWG. GP-1 FOR NOTES LEGEND HORIZONTAL 1" = 40 FEET

Barton & Loguidice

CITY OF KINGSTON PIN 8761.94 ULSTER

GENERAL PLAN

SCALE: 1" = 40'-0" DATE ISSUED: 5/2019 DRAWING GP-9

CURVE NO. 17 H

CURVE NO. 18 H

SIGN REMOVAL AND RELOCATION TABLE

= L:\MSTN Projects\1600\1696.007.121 - Hurley = 5/8/2019 = 9:52:58 AM

Δ = 5°-10'-45" R = 1,500.00' L = 135.59' T = 67.84' QUANTITY (EA) Δ = 5°-24'-22" R = 1,000.00' L = 94.35' ITEM DESCRIPTION LOCATION 647.61 1, 2, 6, 9 NO PARKING T = 47.21'STOP. DEAD END 647 61 E = 1.53' E = 1.11' 4, 8 STREET NAME SIGNS 647.31 FIRE HYDRANT 5 647.31 1 647.31 BUS STOP ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE) (TYP.) HURLEY AVENUE ASSOCIATES (REPUTED OWNER) L. 1388 P. 095 TAYLOR STREET M* 48.71-2-15 TYPE 5 CURB RAMP CONFIGURATION WITH SIDE FLARES END CURB RECONSTRUCTION STA. H 57+83.5: 83.0' LT. - EXISTING BUS STOP SIGNS AND BENCH TO REMAIN TAYLOR STREET ASSOCIATES, L.P. (REPUTED OWNER) 4 > ITEM 645.81 (1 EA) LIMITS OF PAVEMENT MILLING AND OVERLAY, SEE TYPICAL SECTIONS ON L. 3103 P. 107 TYPE 5 CURB RAMP CONFIGURATION WITH SIDE FLARES DWY 56 DWY 57 10-4/10-5 EXISTING HIGHWAY BOUNDARY (TYP.) TM* 48.71-2-14 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 645.81 (1 EA)--LIMITS OF BUS ZONE STA. H 59+30.0 97.19 (10-6)Ġ - 9'-9" BUS STOP ც DWG. 5'-0" BIKE LANE< DWG. -11'-0" TRAVEL LANE HURLEY AVENUE -11'-0" TRAVEL LANE SE H 58+00 H 58+50 H 59+50 CURVE NO. 17 H -11'-0" TRAVEL LANE SEE H 57+00 -11'-0" TRAVEL LANE AND VARIES MILL PAVEMENT LINE H 56+00 (10-7)50 AZ 112°30'-10" - 5'-0" BIKE LANE - 10'-0" BUS STOP MATCH Barton & Loguidice DWY 54 MATCH 10-9 PROPOSED SITE OF BUS SHELTER RELOCATION ITEM 685.04 - WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 15 MILS (SEE TABLE ON DWG. MT-1) (TYP.)-12: 12' (10-1)DWY 55 EXISTING DRAINAGE STRUCTURES TO REMAIN-CAST IRON EMBEDDED
DETECTABLE WARNING
UNITS (TYP.) (SEE TABLE
ON DWG. MT-1) EXISTING PROPERTY BOUNDARY (TYP.) — ITEM 685.01 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (EDGE LINE STRIPING (TYP.) 40 HURLEY AVENUE ASSOCIATES (REPUTED OWNER) THE COUNTY OF ULSTER (REPUTED OWNER) L. 1295 P. 457 L. 4943 P. 308 TM* 48.313-1-34 THE COUNTY OF ULSTER (REPUTED OWNER) 1. 1320 P. 1194 ITEM 663.33 - ADJUST EXISTING VALVE BOX ELEVATION (SEE DWG. MT-1 FOR TABLE) (TYP.) TM* 48.313-1-20 TM* 48.3/3-1-19 CURB RECONSTRUCTION TO STOP AT DRAINAGE EXISTING UTILITY POLE
AND CONDUIT TO REMAIN REMOVE EXISTING BUS SHELTER, SEE NOTES ON DWG. MD-4 TYPE 5 CURB RAMP CONFIGURATION WITH SIDE FLARES 8 > ITEM 645.81 (2 EA) HURLEY AVENUE PAVING AND COMPLETE STREETS CROSSWALK, SEE NOTE 7 (TYP.) -STOPBAR, SEE NOTE 6 (TYP.) --TYPE 5 CURB RAMP CONFIGURATION WITH SIDE FLARES 8.3 SF - ITEM 645.5202 1 EA. - ITEM 645.81 8.3 SF - ITEM 645.5202 1 EA. - ITEM 645.81 PREPARED BY: BARTON & LOGUIDICE, D.P.C. 3.0 SF - ITEM 645.5102 (WITH Z-BARS) 1 EA. - ITEM 645.81 6.3 SF - ITEM 645.5102 1 EA. - ITEM 645.81 1.5 SF - ITEM 645.5101 1 EA. - ITEM 645.81 1.5 SF - ITEM 645.5101 1 EA. - ITEM 645.81 6.3 SF - ITEM 645.5202 1 EA. - ITEM 645.81 NO PARKING 3.0 SF - ITEM 645.5102 1 EA. - ITEM 645.81 NO PARKING Marking Marking DEAD HERE TO ANY HERE TO ANY 30" X 30" 30" X 30" (M) W11-2 W11-2 **END** CORNER CORNER TIME TIME K AHEAD \leftarrow BIKE LANE 12" X 18' NYP1-2 24" X 12' W16-9P 12" X 18' NYP1-9 12" X 18" 12" X 18" NYP1-2 NYP1-9 24" X 12" W16-7P L 30" X 30" 24" X 18' R3-17 30" X 30" **GENERAL PLAN** R1-1 W14-1 (10-3) (10-4) (10-5) 10-9 (10-1 (10-2)(10-6)(10-7)(10-8) SCALE: 1" = 40'-0" DATE ISSUED: 5/2019 20 SEE DWG. GP-1 FOR NOTES AND LEGEND DRAWING HORIZONTAL 1" = 40 FEET

CITY OF KINGSTON

ULSTER

GP-10

PIN 8761.94

CURVE NO. 19 H

Δ = 5°-10'-45" R = 1,500.00' L = 135.59' T = 67.84'

E = 1.53'

SIGN REMOVAL AND RELOCATION TABLE

ITEM 685.01 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (TYPE C

RONDOUT NATIONAL BANK (REPUTED OWNER) L. 1358 P. 578

DESCRIPTION

LOCATION

1 STOP

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

QUANTITY (EA)

STA. H 61+57.54

STA. H 62+98.00 23.0' LT.

11-1

BECIN BIKE LANE STA. H 62+98.00

ITEM

647.61

PAVEMENT STRIPING FOR VEHICLE CHANNELIZATION (TYP.) ITEM 685.04 - WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 15 MILS (SEE TABLE ON DWG. MT-1) (TYP.) TYPE 4 CURB RAMP CONFIGURATION WITH GRADED EARTH AND TURF - ITEM 685.03 - WHITE EPOXY
REFLECTORIZED PAVEMENT
LETTERS - 15 MILS (SEE
TABLE ON DWG. MT-1) (TYP.) ڄ DWG. -5'-0" BIKE LANE R = 100'-0" HURLEY STA. HS 11+21.70 -11'-0" TRAVEL LANE AVENUE SEE A 61+50 11'-0" TRAVEL LANE HS 10+50 - HS 11+00 ਸਿੱਛ੍ਹ 12+00 -14'-0" SHARED USE TRAVEL LANE HS 12+50 13+00 - 5'-0" BIKE LANE HURLEY AVENUE 1 1 2 R = 45'-0" STA. H 61+69.00 12'-3" LT. - 10'-0" PARKING LANE 9'-0" PARKING LANE MATCH Barton &Ioguidice STA. HS 10+70.00 9'-4" RT. STA. H 62+55.00 DWY 61 DWY 58 59 TYPE 5 CURB RAMP CONFIGURATION WITH SIDE FLARES ITEM 685.02 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS (NORMAL SOLID DOUBLE LINE) (TYP.) ITEM 663.33 - ADJUST EXISTING VALVE BOX ELEVATION (SEE DWG. MT-1 FOR TABLE) (TYP.) CAST IRON EMBEDDED
DETECTABLE WARNING
UNITS (TYP.) (SEE TABLE
ON DWG. MT-1) DWY 60 EXISTING PROPERTY
BOUNDARY (TYP.) LIMITS OF PAYEMENT
MILLING AND OVERLAY,
SEE TYPICAL SECTIONS ON
DWGS. TYP1 AND TYP-2 (TYP. EXISTING HIGHWA HURLEY AVENUE PAVING AND COMPLETE STREETS KINGSTON TRAFFIC SIGNAL EQUIPMENT NOTES: = L:\MSTN Projects\1600\1696.007.121 - Hurley = 5/8/2019 = 9:53:04 AM 1. THE CONTRACTOR SHALL INSTALL SENSORS IN EXISTING PAVEMENT, COST INCLUDED UNDER ITEM 680.58202101. 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 FACH SENSOR PIN 8761.94 8.3 SF - ITEM 645.5202 1 EA. - ITEM 645.81 12'-0" (TYP.) ULSTER CITY OF 4.3 SF - ITEM 645.5102 1 EA. - ITEM 645.81 4.3 SF - ITEM 645.5102 1 EA. - ITEM 645.81 PREPARED BY: BARTON & LOGUIDICE, D.P.C. 6.3 SF - ITEM 645.5202 1 EA. - ITEM 645.81 1'-0" (TYP.) 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. BIKE LANE BIKE LANE 24" X 18' R3-17 24" X 18' R3-17 30" X 30" W11-2 **AHEAD ENDS** AHEAD **WIRELESS INTERSECTION SENSOR** 24" X 12' W16-9P **GENERAL PLAN** DETAIL A2 R3-17aP R3-176P R1-1 (1 1 - 4) (11-2) (1 1 - 1) (11-3)SCALE: 1" = 40'-0" DATE ISSUED: 5/2019 20 SEE DWG. GP-1 FOR NOTES AND LEGEND (FOR TRAFFIC SIGNAL EQUIPMENT NOTES, SEE THIS DWG.) DRAWING HORIZONTAL 1" = 40 FEET GP-11

CROSSWALK, SEE NOTE 7 (TYP.)

STOPBAR, SEE NOTE 6 (TYP.)

HORIZONTAL CONTROL LINE (TYP.)

p.jc L:\MicroStation\Bentley V8\\WorkSpace\PLOT/SITE.NYSDOT_SIZE.B.TBI L:\MicroStation\Workspace\Plot\NYSDOT\NYSDOT_LJ5000_B.804_084plt

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	10,750.0	
490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	SY SF	20,700.0	
552.17 603.9815	SHIELDS AND SHORING SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 15 INCH DIAMETER	LF	630.0 32.5	
604.070801	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070802	ALTERING DIVINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA	1.0	
604.070803	ALTERING DISANAGE 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 EA	1.0	
604.070821 604.070822	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES 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 DISANAGE 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	
625.01 627.50140008	SURVEY OPERATIONS CUTTING PAVEMENT	LS LF	1.0 1,375.0	
633.12	CLEANING, SEALING AND / OR FILLING CRACKS	LS		
645.5101	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS	SF	1.0 3.0	
645.5101	GROUND-MOUNTED SIGN PANELS WITHOUT 2-BARS 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	EA	10.0	1
047.01	(UNDER 30 SQUARE FEET)	LA	10.0	

ESTIMATE OF QUANTITIES

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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	



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