DESIGN CONSULTANT TO INSERT INDEX OF LINE SYTLES

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LEGEND

SCALE: NOT TO SCALE DATE ISSUED: DATE

DRAWING NO.

ABBR.	DESCRIPTION
AH A7	ATIMALITU
AZ RV	AZIMUTH
BK	BACK
b PPC	BASELINE
BRG	BEARING
C	CENTERLINE
CS	CURVE TO SPIRAL
e	SUPERELEVATION RATE (CROSS SLOPE)
EQ	EQUALITY
EXT HCL	HORIZONTAL CONTROL LINE
HSD	
пэр	LENGTH OF CIRCULAR CURVE
L I C	
LVC	LENGTH OF SPIRAL LENGTH OF VERTICAL CURVE
E	CENTER CORRECTION OF VERTICAL CURVE
f	MAIN LINE
PC	POINT OF CURVATURE
PI	POINT OF CURVATURE POINT OF INTERSECTION
POL	POINT OF INTERSECTION 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
UTILITIES	
UTILITIES	
ABBR.	DESCRIPTION
E	ELECTRIC
EMH	ELECTRIC MANHOLE
E/VIII	GAS
C	
G GP	
GP	GUY POLE
GP GSB	GUY POLE GAS SERVICE BOX (HOUSE LINE)
GP GSB GV	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE)
GP GSB GV HYD	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT
GP GSB GV HYD LP	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE
GP GSB GV HYD	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS
GP GSB GV HYD LP LPG PP	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE
GP GSB GV HYD LP LPG	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE SANITARY SEWER
GP GSB GV HYD LP LPG PP SA SMH	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE SANITARY SEWER SANITARY MANHOLE
GP GSB GV HYD LP LPG PP SA	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE SANITARY SEWER
GP GSB GV HYD LP LPG PP SA SMH ST T	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE SANITARY SEWER SANITARY MANHOLE STORM SEWER TELEPHONE
GP GSB GV HYD LP LPG PP SA SMH ST T TCB	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE SANITARY SEWER SANITARY MANHOLE STORM SEWER TELEPHONE TRAFFIC CONTROL BOX
GP GSB GV HYD LP LPG PP SA SMH ST T TCB TELBOX	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE SANITARY SEWER SANITARY MANHOLE STORM SEWER TELEPHONE TRAFFIC CONTROL BOX TELEPHONE BOX
GP GSB GV HYD LP LPG PP SA SMH ST T TCB TELBOX TEL P	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE SANITARY SEWER SANITARY MANHOLE STORM SEWER TELEPHONE TRAFFIC CONTROL BOX TELEPHONE POLE
GP GSB GV HYD LP LPG PP SA SMH ST T TCB TELBOX TEL P TMH	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE SANITARY SEWER SANITARY MANHOLE STORM SEWER TELEPHONE TRAFFIC CONTROL BOX TELEPHONE BOX TELEPHONE POLE TELEPHONE MANHOLE
GP GSB GV HYD LP LPG PP SA SMH ST T TCB TELBOX TEL P TMH CTV	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE SANITARY SEWER SANITARY MANHOLE STORM SEWER TELEPHONE TRAFFIC CONTROL BOX TELEPHONE BOX TELEPHONE POLE TELEPHONE MANHOLE CABLE TELEVISION
GP GSB GV HYD LP LPG PP SA SMH ST T TCB TELBOX TEL P TMH	GUY POLE GAS SERVICE BOX (HOUSE LINE) GAS VALVE (MAIN LINE) HYDRANT LIGHT POLE LOW PRESSURE GAS POWER POLE SANITARY SEWER SANITARY MANHOLE STORM SEWER TELEPHONE TRAFFIC CONTROL BOX TELEPHONE BOX TELEPHONE POLE TELEPHONE MANHOLE

IOPOGRAP —	PHY (MISCELLANEOUS)
ABBR.	DESCRIPTION
ABUT	ABUTMENT
AOBE	AS ORDERED BY ENGINEER
ASPH	ASPHALT
BDY	BOUNDARY
BLDG	BUILDING
BM	BENCH MARK
CC	CENTER TO CENTER
CONC	CONCRETE 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
НВ	HIGHWAY BOUNDARY
НО	HOUSE
HWY	HIGHWAY
IP	IRON PIN OR IRON PIPE
MB	MAILBOX
MON	MONUMENT
N&W	NAIL AND WASHER
OG	ORIGINAL GROUND
O/H	OVERHEAD
P	PARCEL
PAV'T	PAVEMENT
PE	PERMANENT EASEMENT
PED POLE	PEDESTRIAN POLE
р	PROPERTY LINE
POR	PORCH
RR	RAILROAD
RTE	ROUTE
	RIGHT OF WAY
ROW	
RW	RETAINING WALL
SH CHIDS	STATE HIGHWAY
SHLDR	SHOULDER
SPK	SPIKE
ST	STREET
STK	STAKE
STY	STORY
SW	SIDEWALK
TE	TEMPORARY EASEMENT
ТО	TEMPORARY OCCUPANCY
U/G	UNDERGROUND
WW	WING WALL

ABBR.	DESCRIPTION
ВВ	BOTTOM OF BANK (STREAM)
BC	BOTTOM OF CURB
ВО	BOTTOM OF OPENING
CAP	CORRUGATED ALUMINUM PIPE
СВ	CATCH BASIN
CIP	CAST IRON PIPE
c STRM	CENTERLINE OF STREAM
СМР	CORRUGATED METAL PIPE
CP	CONCRETE PIPE
CSP	CORRUGATED STEEL PIPE
CULV	CULVERT
DIA	DIAMETER
DMH	DRAINAGE MANHOLE
DS	DRAINAGE STRUCTURE PIPE
D'XING	DITCH CROSSING
EHW	EXTREME HIGH WATER
EL	ELEVATION
ELEV ELW	ELEVATION EXTREME LOW WATER
ELVV	END SECTION
HW	HEADWALL
INV	INVERT
MH	MANHOLE
MHW	MEAN HIGH WATER
OHW	ORDINARY HIGH WATER
OLW	ORDINARY LOW WATER
RCP	REINFORCED CONCRETE PIPE
SICPP	SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE
ТВ	TOP OF BANK (STREAM)
TC	TOP OF CURB
TG	TOP OF GRATE
VCP	VITRIFIED CLAY PIPE
SUBSURFA	CE EXPLORATION
ABBR.	DESCRIPTION
REPLACE AB	BREVIATION "AB" WITH:
АН	HAND AUGER
СР	CONE PENTROMETER
DA	2, INCHES CASED DRILL HOLE
DM	DRILLING MUD
DN	4 INCHES CASED DRILL HOLE
FH	HOLLOW FLIGHT AUGER
PA	POWER AUGER
PH	PROBE
PT	PERCOLATION TEST HOLE
RP	1 INCH SAMPLER (RETRACTABLE PLUG)
	TO BE DEFINED AT THE TIME OF EXPLORATION
SP	SEISMIC POINT
TP	TEST PIT
	N "C" IN CATEGORIES: AND FH WITH:
В	BRIDGE
C	CUT
D	DAM
F	FILL
K	CULVERT
W	WALL
X	TO BE USED IF ONE OF THE ABOVE CANNOT
	BE DEFINED AT THE TIME THE EXPLORATION

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	PLANSMALL_SCALE_FOR_MAJOR_CONSTRUCTION/R	PSS-1_TO_PSS-100_			
	PROFILESMALL_SCALE_FOR_MAJOR_CONSTRUCTION/R	PRS-1_TO_PRS-100_			
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	MISCELLANEOUS_TABLES		MST-1_TO_MST-100_		
	MISCELLANEOUS_DETAILS		MSD-1_TO_MSD-100_		
	EARTHWORK_SUMMARY_SHEETS		ESS-1_TO_ESS-2		
	EROSION_AND_SEDIMENT_CONTROL_PLANS	ECP-1_TO_ECP-100_			
	GENERAL_PLANS		GNP-1_TO_GNP-100		
	PROFILE1"=40'H,_1"=10'V_OR_LARGER	PRO-1_TO_PRO-100			
	SIGNS_AND_SIGN_STRUCTURES	SGP-1_TO_SGP-100			
	TRAFFIC_SIGNAL_PLANS	TSP-1_TO_TSP-10_			
	LIGHTING_PLANS	LTP-1_TO_LTP-100_			
	LANDSCAPE_ARCHITECTURE_PLANS	LAP-1_TO_LAP-100			
	PAVEMENT_MARKING_PLANS	PMP-1_TO_PMP-100			
	UTULITY_PLANS	UTP-1_TO_UTP-100			
	DRAINAGE_PLANS		DRP-1_TO_DRP-2_		
	LARGE_CULVERT_DETAILS	CUL-1_TO_CUL-2_			
	RETAINING_WALLS	WAL-1_TO_WAL-100_			
	BRIDGE_PLANS	ST-1_TO_ST-100			
	ESTIMATE_OF_QUAINTITIES		EOQ-1_TO_EOQ-3_		

THE FOLLOWING NYSDOT STANDARD SHEETS APPLY: 203-02, 203-04, 203-05, 603-02, 603-04, 603-05, 604-02, 606-04, 606-05, 606-06, 606-07, 611-01, 608-01, 608-03, 609-01, 609-02, 619-02, 619-04, 619-10, 619-11, 619-12, 619-20, 619-21, 619-50, 619-51, 619-60, 619-61, 619-66, 624-01, 625-01, 645-01, 645-03, 655-03, 655-04, 655-05, 663-01, 663-02, 663-03, 663-04, 663-05, 685-01

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

				REVISION	
				BY:	
				NO. DATE BY:	
•				NO.	

S.I.N. XX-XX-XXX (IF APPLICABLE)

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ABBREVIATIONS AND INDEX

SCALE: NOT TO SCALE DATE ISSUED: DATE

DRAWING NO. 2 OF X

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL FOLLOW THE PROVISIONS OF THE NYSDOT STANDARD SPECIFICATIONS, LATEST REVISION, ALL ADDENDA BULLETINS, AND ENGINEERING INSTRUCTIONS DISTRIBUTED BY NYSDOT EXCEPT AS MODIFIED BY THE "CONSTRUCTION CONTRACT DOCUMENTS".
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING 3. PAVEMENT, CURBS, SIDEWALKS, LAWN AREAS, TREES, AND OTHER EXISTING FEATURES OUTSIDE OF THE CONSTRUCTION LIMITS CAUSED BY HIS OPERATION. ALL SUCH DAMAGE SHALL BE REPAIRED OR REPLACED IN KIND TO THE SATISFACTION OF THE RESIDENT ENGINEER BY THE CONTRACTOR AT THE EXPENSE OF THE CONTRACTOR.
- 3. IN ACCORDANCE WITH ITEM 619.01: BASIC WORK ZONE TRAFFIC CONTROL, THE CONTRACTOR SHALL MAINTAIN DRAINAGE FACILITIES SIGNS, AND OTHER HIGHWAY ELEMENTS, OLD OR NEW. THE CONTRACTOR SHALL DEVOTE PARTICULAR ATTENTION TO ALL DRAINAGE FACILITIES KEEPING THEM FULLY OPERATIVE, AND PROTECTED BY APPROVED PRACTICES, AT ALL TIMES. CHECK DAMS AND SILT FENCE / SEDIMENT FILTER LOGS SHALL BE PROVIDED AT ALL TIMES EVEN DURING GRADING OPERATIONS AND PERIODS OF ACCUMULATED PLOWED SNOW, PER THE APPROVED PLANS. OR AS REQUESTED BY THE RESIDENT ENGINEER.
- 4. ANY INCIDENTAL ROCK REMOVAL SHALL BE PAID FOR UNDER ITEM 203.02 OR 206.0201 (PAY ITEM SHALL MATCH THE ITEM FOR WORK IN THE SURROUNDING LOCATION). COBBLES AND BOULDERS, AS DEFINED IN SIZE BY THE NYSDOT GEOTECHNICAL DESIGN MANUAL, ARE CONSIDERED PART OF THE EXCAVATION. COBBLES AND BOULDER ARE NOT CONSIDERED ROCK. IF ROCK IS ENCOUNTERED WHICH REQUIRES REMOVAL VIA HYDRAULIC HAMMERING, BLASTING, OR SIMILAR METHODS, AND NO CONTRACT ITEM FOR ROCK EXCAVATION AND DISPOSAL EXISTS. ROCK REMOVAL AND DISPOSAL SHALL BE PAID FOR USING THE FORCE ACCOUNT PROCESS.
- 5. EXISTING CATCH BASIN REMOVAL SHALL BE PAID FOR UNDER ITEM 206.0201.
- 6. THE CONTRACTOR SHALL RESTRICT GRADING OPERATIONS TO AREAS INDICATED ON THE CONTRACT DRAWINGS, PERFORMING WORK OUTSIDE THE IDENTIFIED LIMITS SHALL NOT BE PERMITTED WITHOUT APPROVAL OF THE RESIDENT ENGINEER. FIELD CONDITIONS MAY REQUIRE GRADING TO BE DONE OUTSIDE OF THE HIGHWAY RIGHT-OF-WAY IN CERTAIN AREAS. WHERE GRADING WORK OUTSIDE STREET RIGHT-OF-WAY IS REQUIRED; THE RESIDENT ENGINEER IN COOPERATION WITH THE CONTRACTOR WILL BE REQUIRED TO OBTAIN A "GRADING RELEASE" FROM THE PROPERTY OWNERS. DURING THE COURSE OF CONSTRUCTION. MINOR GRADING AND DRIVEWAY WORK MAY BE REQUIRED OUTSIDE THE PUBLIC RIGHT-OF-WAY: REFERENCE SHOULD BE MADE TO THE APPROPRIATE STANDARD OR PROJECT DETAILS FOR TREATMENT IN GRASS, DRIVEWAY AND SIDEWALK AREAS.
- 7. ALL WORK WHICH MAY IMPACT THE INTEGRITY OF THE FINISHED ASPHALT WORK MUST BE COMPLETED PRIOR TO FINAL TOP PAVING, WITHOUT EXCEPTION, MINOR TOPSOIL WORK. DRIVEWAY PAVING. AND SEEDING MAY BE COMPLETED AFTER FINAL PAVING. HOWEVER NO SKID-STEERS OR TRACK-EQUIPMENT IS PERMITTED TO RUN ON THE FINISHED PAVEMENT.
- 8. THE EXCAVATION QUANTITIES APPEARING IN THE CONTRACT DOCUMENTS WERE DETERMINED BY THE ENGINEER FROM THE BEST INFORMATION AVAILABLE. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT CONDITIONS AND QUANTITIES AS SHOWN IN PLANS AND ESTIMATE MAY VARY. IN NO EVENT. SHALL QUANTITIES LISTED BE DEEMED OR CONSIDERED BY THE CONTRACTOR AS A TREE AND CLEARING NOTES: WARRANTY OR A REPRESENTATION BY THE ENGINEER OF ACTUAL FIELD 1. THE CONTRACTOR SHALL PROTECT ALL TREES AND SHRUBS IN AN APPROVED CONDITIONS OR QUANTITIES.
- 9. THE CONTRACTOR SHALL MAINTAIN POSITIVE STORM DRAINAGE THROUGHOUT ALL PHASES OF CONSTRUCTION.

EROSION CONTROL:

1. ALL EROSION CONTROL ITEMS REQUIRED ON THE PLANS, IN THE SPECIFICATIONS, OR AS ORDERED BY THE RESIDENT ENGINEER SHALL BE PAID BY THE SEPARATE INDIVIDUAL PAY ITEMS IN THE CONTRACT. THE CONTRACTOR IS RESPONSIBLE TO INSTALL. MAINTAIN. AND REMOVE ALL EROSION CONTROL DEVICES. EROSION CONTROL ITEMS SHALL BE MAINTAINED IN ACCORDANCE WITH NYSDEC REQUIREMENTS (AND AS ORDERED BY RESIDENT ENGINEER) AND SHALL REMAIN IN PLACE UNTIL ORDERED TO BE REMOVED BY THE RESIDENT ENGINEER.

- ACCORDANCE TO "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", LATEST EDITION. THE CONTRACTOR SHALL REFER TO THESE GUIDELINES FOR INSTALLATION AND MAINTENANCE OF THESE FACILITIES.
- TOPSOIL STOCKPILES SHALL BE SEEDED WITH A "QUICK GROW" SEED MIXTURE. A SEDIMENTATION BARRIER SHALL BE PLACED AROUND THE STOCKPILE. 10' FROM THE STOCKPILE TOE OF SLOPE.
- FENCE OR A COMBINATION OF THE TWO. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THE DETAILS OF THESE ITEMS WITHOUT EXCEPTION OR WAIVERS.
- 5. ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATION NOT DESIGNATED FOR OTHER TREATMENT SHALL BE FINE GRADED. TOP SOILED AND SEEDED. FINE GRADING SHALL BE SHAPED TO PROMOTE POSITIVE DRAINAGE.
- PERFORMED AS NECESSARY BY A QUALIFIED INSPECTOR (IN ACCORDANCE WITH THE REQUIREMENTS OF THE SWPPP (IF APPLICABLE) AND THE NYSDEC GENERAL PERMIT. LATEST EDITION).
- 7. THE LOCATIONS OF SOIL EROSION AND SEDIMENT CONTROL MEASURES AS CURB RAMP NOTES: INDICATED IN THE CONTRACT DOCUMENTS ARE APPROXIMATE. OTHER EROSION 1. ALL NOTES ON NYSDOT STANDARD SHEET 608-0109) SHALL APPY. AND SEDIMENT CONTROL MEASURES NOT ILLUSTRATED ON THE PLANS MAY BE REQUIRED PER THE RESIDENT ENGINEER. PAYMENT FOR ADDITIONAL WORK WILL 2. HEADER CURBS SHALL BE INSTALLED FLUSH WITH THE FINISHED PAVEMENT GRADE BE MADE UNDER THE APPROPRIATE CONTRACT ITEMS.
- 8. THE CONTRACTOR MUST EXERCISE EXTREME CAUTION IN HIS OPERATIONS IN THE CONTROL OF DUST. THE CONTRACTOR SHALL NOT DISCHARGE DUST INTO THE ATMOSPHERE OF SUCH QUANTITY, CHARACTER OR DURATION THAT IT UNREASONABLY INTERFERES WITH THE COMFORTABLE ENJOYMENT OF LIFE OR 3. THE MINIMUM WIDTH OF A CURB RAMP SHALL BE 4'-0" (5'-0" IS PREFERRED). PROPERTY OR IS HARMFUL TO PLANTS OR ANIMALS. NO PAYMENT WILL BE MADE FOR ANY LABOR, MATERIAL OR EQUIPMENT NEEDED FOR DUST CONTROL. WHEN IT BECOMES NECESSARY, THE RESIDENT ENGINEER WILL INFORM THE CONTRACTOR OF UNSATISFACTORY CONSTRUCTION PROCEDURES AND OPERATIONS INSOFAR AS AIR POLLUTION IS CONCERNED. IF THE UNSATISFACTORY CONSTRUCTION PROCEDURES AND OPERATIONS ARE NOT PROMPTLY CORRECTED. THE RESIDENT ENGINEER MAY SUSPEND THE PERFORMANCE OF ANY OR ALL OF OTHER 5. CONSTRUCTION UNTIL THE UNSATISFACTORY CONDITION HAS BEEN CORRECTED. THE ENGINEER MAY SHUT DOWN, AT ANY TIME, ALL OPERATIONS CAUSING A DUST PROBLEM ON THIS PROJECT.
- 9. DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO CREEK FROM POLLUTION BY DEBRIS. SEDIMENT. OR OTHER FOREIGN MATERIAL OR FROM THE MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR THE STREAM. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO A STREAM. OR TO A DITCH IMMEDIATELY FLOWING INTO A STREAM, ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM A STREAM, HE SHALL CONSTRUCT ANY INTAKE OR TEMPORARY DAM REQUIRED TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM.

- MANNER. WHICH MAY INCLUDE FENCES AND BOARDS LASHED TO TREES TO PREVENT DAMAGE FROM BLASTING OR MACHINE OPERATIONS. HE SHALL PREVENT DAMAGE TO PIPES. CONDUITS AND OTHER UNDERGROUND STRUCTURES AND ALL LAND MONUMENTS AND PROPERTY MARKS.
- 2. THE CONTRACTOR SHALL TAKE CARE TO MINIMIZE DISRUPTION AND EXTEND EVERY REASONABLE CONSIDERATION TO ADJACENT OWNERS FROM A STANDPOINT OF RESTORATION AND MATCHING EXISTING IMPROVEMENTS. WHEN DIRECTED BY THE ENGINEER. THESE IMPROVEMENTS SHALL BE CAREFULLY REMOVED AND STORED ON THE OWNERS' PROPERTY OR IN AN IMMEDIATE AREA OUTSIDE THE STREET RIGHT-OF-WAY TO THE OWNER'S SATISFACTION. COST OF THIS WORK SHALL BE

INCLUDED IN THE PRICE BID FOR OTHER ITEMS IN THE CONTRACT.

- 2. EROSION CONTROL AND SEDIMENTATION FACILITIES HAVE BEEN DESIGNED IN 3. UNDER ITEM 201.06: CLEARING AND GRUBBING, THE CONTRACTOR SHALL TRIM ALL TREES WITHIN THE PROJECT LIMITS TO A CLEAR DISTANCE OF 20 FEET ABOVE THE ROADWAY SURFACE FROM CURB TO CURB. OR FROM EDGE OF SHOULDER TO EDGE OF SHOULDER.
 - 4. CONTRACTOR SHALL ENSURE THAT ALL PERMANENT, EXISTING, PROPOSED AND WZTC SIGNS ARE VISIBLE, CONTRACTOR SHALL INCLUDE TRIMMING FOLIAGE. BRANCHES. ETC. OR OTHER VEGETATION AS DIRECTED BY THE ENGINEER IN CHARGE, AND SHALL BE INCLUDED IN HIS BID UNDER ITEM 201,06 OR ITEM 201,07.
 - FOR SEDIMENTATION BARRIERS, THE CONTRACTOR MAY UTILIZE FIBER ROLLS, SILT 5. MISCELLANEOUS MINOR CONSTRUCTION REMOVALS, SUCH AS PRIVATE SIGN POST LIGHT POLE AND BASE REMOVAL AND DISPOSAL, BRUSH AND SHRUB REMOVAL AND DISPOSAL, SMALL TREE (LESS THAN 4") REMOVAL AND DISPOSAL, TREE STUMP REMOVAL AND DISPOSAL, ETC., SHALL BE INCLUDED IN THE COST OF ITEM 201.06. ITEMS SUCH AS SIGNS, SIGN POSTS, LIGHT POLES, FENCES, ETC., MAY AT THE OWNER'S OPTION BE PLACED ON THE OWNER'S PROPERTY ADJACENT TO THE WORK FOR THE OWNER'S DISPOSITION.
 - INSPECTION OF TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SHALL BE 6. NO TREES SHALL BE REMOVED OR TRIMMED WITHOUT THE APPROVAL OF THE RESIDENT ENGINEER AND PROPERTY OWNER. NO TREE SHALL BE REMOVED OTHER THAN SHOWN ON THE PLAN AND WITHOUT WRITTEN AUTHORIZATION FROM THE PROPERTY OWNER IF OUTSIDE OF THE RIGHT-OF-WAY.

- (TOLERANCE OF 1/4" ABOVE GRADE IS ALLOWED). ALL SIDEWALK RAMPS SHALL BE FIELD VERIFIED AND CONSTRUCTED TO PROVIDE FOR RAMP GRADES MEETING PROWAG/ADA REQUIREMENTS: ANY DEFICIENT RAMPS WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- 4. THE GRADE (RUNNING SLOPE) OF A CURB RAMP SHALL BE A MINIMUM OF 5% (ANYTHING LESS THAN THAT IS NOT CONSIDERED A "RAMP"). THE GRADE FOR DESIGN AND LAYOUT SHALL BE A MAXIMUM 7.5%. THE GRADE FOR ADA ACCESSIBILITY AND WORK ACCEPTANCE SHALL BE A MAXIMUM OF 8.3%.
- WHERE EXISTING CONDITION DO NOT ALLOW THE CONSTRUCTION OF A CURB RAMP WITH A GRADE (RUNNING SLOPE) OF 8.3% OR LESS. THE RAMP LENGTH SHALL NOT BE REQUIRED TO EXCEED 15'-1" FOR DESIGN AND FIELD LAYOUT. THE RAMP LENGTH SHALL NOT BE REQUIRED TO EXCEED 15'-0" FOR WORK ACCEPTANCE.
- THE CROSS SLOPE OF THE CURB RAMP SHALL BE AS FLAT AS POSSIBLE AND STILL PROVIDE POSITIVE DRAINAGE. THE CROSS SLOPE OF A CURB RAMP SHALL BE 1.5% MAXIMUM FOR DESIGN AND LAYOUT. AND 2% MAXIMUM FOR WORK ACCEPTANCE. SEE NOTE 12 ON SHEET 1 OF 9 (NYSDOT STANDARD SHEET 608-0109) FOR EXCEPTIONS. WHERE THE EXISTING ROADWAY GRADE EXCEEDS 2%, THE CURB RAMP MAY BE WARPED ACCORDING TO THE DETAIL ON SHEET 8 OF 9 (NYSDOT $\stackrel{\circ}{\succ}$ $_{\pm}$ STANDARD SHEET 608-0109) TO TIE INTO THE DROP CURB.
- 7. RAMP SIDE OPTIONS ARE DETAILED ON SHEET 3 OF 9 (NYSDOT STANDARD SHEET 608-0109) FOR USE WITHIN THE BUFFER ZONE. WHERE A PEDESTRIAN CIRCULATION PATH CROSSES THE CURB RAMP. FLARED SIDES SHALL BE INSTALLED WITH A MAXIMUM SLOPE OF 9.5% FOR DESIGN AND LAYOUT. AND 10% MAXIMUM FOR WORK ACCEPTANCE. THE SLOPE OF FLARED SIDES IS MEASURED PARALLEL TO THE CURB LINE.
- 8. THE BACKSIDE OF A PARALLEL RAMP SHOULD BE GRADED TO A MAXIMUM SLOPE OF 25% TO MATCH EXISTING TERRAIN. UNLESS OTHERWISE SHOWN IN THE CONTRACT DOCUMENTS. WHERE GRADING IS NOT FEASIBLE DUE TO LIMITED ROW OR PHYSICAL CONSTRAINTS, A BACK CURB MAY BE INSTALLED. SEE DETAIL ON 3 OF 9 AND SHEET 9 OF 9 (NYSDOT STANDARD SHEET 608-0109).
- DEPARTMENT PREFERENCE IS TO INSTALL TWO CURB RAMPS AT A STREET CORNER THAT SERVES BOTH CROSSINGS. WHERE EXISTING PHYSICAL CONSTRAINTS PREVENT TWO CURB RAMPS FROM BEING INSTALLED AT A STREET CORNER THAT | SCALE: NOT TO SCALE SERVES BOTH CROSSINGS. A SINGLE DIAGONAL CURB RAMP WILL BE PERMITTED TO DATE ISSUED: DATE SERVE BOTH PEDESTRIAN STREET CROSSINGS.

S.I.N. XX-XX-XXX (IF APPLICABLE)

867-5309 867-5309

NOTES

DRAWING NO.

WORK ZONE TRAFFIC CONTROL NOTES:

- 1. THE WORK ZONE TRAFFIC CONTROL PLANS SHOWN ARE CONSIDERED TO BE MINIMUM REQUIREMENTS. ADDITIONAL SIGNAGE OR OTHER TRAFFIC CONTROL DEVICES MAY BE REQUIRED AS DETERMINED BY THE ENGINEER. COST OF ADDITIONAL SIGNAGE SHALL BE INCLUDED IN ITEM 619.01: BASIC WORK ZONE TRAFFIC CONTROL. IF AT ANY TIME THE ENGINEER DETERMINES THAT TRAFFIC IS NOT BEING PROPERLY MAINTAINED IN A WORK ZONE, THE CONTRACTOR SHALL IMMEDIATELY CORRECT THE INDICATED DEFICIENCIES TO THE SATISFACTION OF THE ENGINEER.
- 2. THE CONTRACTOR MAY SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE MONROE COUNTY DEPARTMENT OF TRANSPORTATION AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE SCOPE OF THE TRAFFIC CONTROL PLAN. SUCH CHANGES IN SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE MONROE COUNTY DEPARTMENT OF TRANSPORTATION AT LEAST THIRTY (30) WORKING DAYS PRIOR TO IMPLEMENTATION.
- 3. TEMPORARY PAVEMENT WILL BE REQUIRED OVER EXCAVATIONS THAT ARE EXPECTED TO CARRY TRAFFIC FOR A PERIOD OF TIME GREATER THAN 24 HOURS PRIOR TO PERMANENT RESTORATION. TEMPORARY PAVEMENT SHALL CONSIST OF 2" COMPACTED LIFT OF HOT MIX ASPHALT (OR COLD PATCH DURING THE WINTER). THE COST OF FURNISHING, INSTALLING, AND MAINTAINING TEMPORARY PAVEMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 619.01.
- 4. BEGINNING FROM THE DATE OF THE NOTICE TO PROCEED, AND INCLUDING ANY WINTER SHUTDOWN PERIODS PRIOR TO FINAL ACCEPTANCE BY THE COUNTY, ALL EXISTING SIGNS WITHIN THE CONTRACT LIMITS SHALL BE MAINTAINED AND/OR RELOCATED BY THE CONTRACTOR. THE COST OF WHICH SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01. THIS SHALL INCLUDE DAMAGE CAUSED BY MOTOR VEHICLE ACCIDENTS DURING THIS PERIOD.
- 5. VEHICLES OR EQUIPMENT BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL NOT BE PARKED WITHIN THE CLEAR ZONE, ON THE PAVEMENT OR SHOULDERS ALONG THE ROADWAY WHERE PARKING IS NOT NORMALLY PERMITTED, IN ANY OTHER AREAS DEEMED HAZARDOUS BY THE ENGINEER, IN A MANNER WHICH OBSTRUCTS SIGNS, BARRIERS, BARRICADES, OR OTHER TRAFFIC CONTROL DEVICES, OR IN A MANNER WHICH INTERFERES WITH ACCESS TO ABUTTING PROPERTIES.
- 6. THE CONTRACTOR SHALL PLAN AND INCORPORATE ACCESS POINTS INTO THE WORK ZONE SUCH THAT, TO THE EXTENT PRACTICAL, THE CONTRACTOR'S VEHICLES ENTERING AND LEAVING THE WORK ZONE SHALL NOT IMPEDE THE MOVEMENT OF THROUGH TRAFFIC IN THE ADJACENT OPEN LANES.
- 7. THE CONTRACTOR SHALL NOT USE ADJACENT TOWN, VILLAGE, OR CITY ROADS FOR THE TRANSPORT OF HEAVY LOADS OR MOVING HEAVY EQUIPMENT. EXCEPT AS REQUIRED FOR CONSTRUCTION WORK ALONG THESE STREETS. TRANSPORTATION OF MATERIALS TO AND FROM THE PROJECT SHALL BE RESTRICTED TO THE MAJOR THOROUGHFARES. DAMAGES TO THESE STREETS THAT RESULT FROM THE CONTRACTOR'S OPERATIONS, SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE TOWN OR THE COUNTY.
- 8. THE CONTRACTOR SHALL CLOSELY COORDINATE ALL WORK IMPACTING SCHOOL BUS TRAFFIC WITH THE RESIDENT ENGINEER, THE APPROPRIATE POLICE DEPARTMENTS AND THE LOCAL SCHOOLS. ANY ADDITIONAL SIGNAGE, FLAGGERS OR OTHER REQUIREMENTS ORDERED BY THE RESIDENT ENGINEER SHALL BE INCLUDED IN THE UNIT PRICE BID FOR WORK ZONE TRAFFIC CONTROL.
- 9. THE CONTRACTOR IS REQUIRED TO MAKE CONTACT WITH APPROPRIATE RTS OFFICIALS IN RESPECT TO THE EFFECT OF DELAYS ON BUS OPERATION. THIS SHOULD BE DONE AT LEAST FOUR WEEKS IN ADVANCE OF ANY WORK, SO THAT THERE WILL BE ADEQUATE TIME FOR RTS TO MAKE ANY NECESSARY ADJUSTMENTS TO THEIR SCHEDULES AND ROUTES. THE CONTRACTOR IS ALSO REQUIRED TO MAKE CONTACT WITH APPROPRIATE SCHOOL OFFICIALS SEVERAL WEEKS IN ADVANCE OF ANY WORK SO THAT THERE WILL BE INGRESS AND EGRESS: ADEQUATE TIME FOR THE SCHOOL TO MAKE NECESSARY ADJUSTMENTS TO THEIR BUS SCHEDULE AND PEDESTRIAN ROUTES.
- 10. WHERE ALTERNATE SIDEWALK ROUTES EXIST, SIDEWALK CLOSURES SHALL REQUIRE ADVANCE SIGNAGE TO BE POSTED AT THE NEAREST AVAILABLE PEDESTRIAN CROSSING. WHERE ALTERNATE SIDEWALK ROUTES DO NOT EXIST, THE CONTRACTOR SHALL PROVIDE A SAFE, MANAGEABLE ALTERNATE ROUTE. ORANGE VINYL FENCE, CRUSHED STONE, TEMPORARY CONCRETE BARRIER AND OTHER MATERIAL AS NECESSARY MAY BE REQUIRED AS

- ORDERED BY THE RESIDENT ENGINEER. ALL SIDEWALK CLOSURES SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO IMPLEMENTATION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01.
- 11. THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL DRIVEWAYS AND NOTIFY THE OWNER 2 BUSINESS DAYS IN ADVANCE IF USE OF THAT PARTICULAR DRIVEWAY IS TO BE DISRUPTED. SUITABLE RAMPS OF SUBBASE MATERIAL SHALL BE USED BY THE CONTRACTOR TO PROVIDE ACCESS TO DRIVEWAYS LOCATED WITHIN BOXED OUT AREAS. THE COST OF MAINTAINING PROPER DRIVEWAY ACCESS DURING CONSTRUCTION SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01. ALL DRIVEWAYS MUST BE RESTOREDTO PERMANENT OR TEMPORARY ASPHALT WITHIN 14 DAYS. OR AOBE.
- 12. DRUMS ARE PREFERRED CHANNELIZING DEVICES TO BE USED DURING THE HOURS OF DARKNESS. TYPE 'A" FLASHING LIGHTS SHALL BE REQUIRED ON THE LAST TWO DRUMS BEFORE AN INTERSECTION AND THE FIRST TWO DRUMS AFTER.
- 13. THE MINIMUM ACCEPTABLE TRAVEL LANE WIDTH IS 10' AT ALL TIMES (11' IS PREFERABLE).
- 14. IF A FLAGGING OPERATION IS NECESSARY BEYOND THE DAYLIGHT HOURS, THE FLAGGER STATION SHALL BE PROPERLY ILLUMINATED AND FLAGGERS SHALL USE EITHER: FLASHLIGHTS WITH ORANGE CONES IN ONE HAND AND A REFLECTORIZED RED FLAG IN THE OTHER, OR A FLASHING STOP/SLOW PADDLE (PER MUTCD).
- 15. ANY EXISTING SIGNS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED, AS ORDERED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01.
- 16. THE CONTRACTOR MAY SUBMIT PROPOSED REVISIONS TO THE WORK ZONE TRAFFIC CONTROL PLAN FOR APPROVAL. ANY CHANGE THAT ALTERS THE BASIC CONCEPT OF THE PLANS MUST BE APPROVED IN ADVANCE BY THE RESIDENT ENGINEER IN WRITING.
- 17. THE CONTRACTOR SHALL USE STEEL PLATES, TEMPORARY PAVEMENT, CONES, BARRELS, BARRICADES AND PROTECTIVE FENCING AS NECESSARY AND AS ORDERED BY THE RESIDENT ENGINEER TO PROTECT AND MAINTAIN BOTH PEDESTRIAN AND TRAFFIC FLOW WITHIN THE PROJECT AREA.
- 18. NO ADDITIONAL PAYMENT WILL BE MADE TO TEMPORARILY RESTORE TRENCHES TO MAINTAIN TRAFFIC, ACCESS OR DROP-OFF-PROTECTION. ALL COSTS FOR TEMPORARY TRENCH RESTORATION SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01.
- 19. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN CENTERLINE DELINEATION AT ALL TIMES UNTIL FINAL STRIPING IS COMPLETED. THIS DELINEATION WILL BE INCLUDED IN ITEM 619.01, UNLESS TEMPORARY STRIPING IS SPECIFIED ON THE PLANS.
- 20. UNLESS SPECIFIED ON THE PLANS, VEHICULAR TRAFFIC WILL NOT BE PLACED ON A GRAVEL. DIRT OR STONE SURFACES. AN ASPHALT PAVED SURFACE MUST BE MAINTAINED AT ALL TIMES UNLESS DIRECTED BY THE RESIDENT ENGINEER.

OVERLAPPING WORK AREAS:

- 1. THE CONTRACTOR SHALL COORDINATE THE WORK WITH ANY OTHER CONTRACTORS, PUBLIC MAINTENANCE, OR UTILITY COMPANY OPERATIONS IN THE AREA TO ENSURE PROPER WORK ZONE TRAFFIC CONTROL.
- 2. WHEN TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED.
- 3. THE CONTRACTOR SHALL MAINTAIN A 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO INTERSECTING ROADS, RESIDENCES, BUSINESS ESTABLISHMENTS, AND ADJACENT PROPERTY, FOR VEHICLES, PEDESTRIANS, AND BICYCLISTS; AT EXISTING ACCESS POINTS, IN ACCORDANCE WITH SECTION 619 OF THE NYSDOT STANDARD SPECIFICATIONS.
- 2. THE CONTRACTOR SHALL PROVIDE RESIDENT/PROPERTY OWNERS WITH A MINIMUM OF FORTY-EIGHT (48) HOURS ADVANCE NOTICE BEFORE STARTING ANY WORK THAT IMPACTS AN ACTIVE DRIVEWAY OR ENTRANCE WALK.

- 3. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
- TEMPORARY RAMPS AT DRIVEWAYS, SIDEWALK RAMPS, AND SIDE STREETS SHALL BE CONSTRUCTED TO MAINTAIN SMOOTH TRANSITIONS. RAMP MATERIAL SHALL BE MILLINGS, COLD PATCH, OR WMA.

CONSTRUCTION AND TRAFFIC SIGNAGE:

- 1. THE COST FOR PROVIDING, INSTALLING, MAINTAINING, AND REMOVING CONSTRUCTION SIGNS SHALL BE INCLUDED IN ITEM 619.01: BASIC WORK ZONE TRAFFIC CONTROL.
- 2. THE SIGN LOCATIONS ON THE PLANS ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE APPROVED BY THE RESIDENT ENGINEER. SIGNS SHALL BE PLACED SO THAT THEY ARE UNOBSTRUCTED AND VISIBLE TO ONCOMING TRAFFIC (NOTE THAT CLEARING MAY BE REQUIRED TO ENSURE VISIBILITY OF SIGNS).
- 3. SIGN SUPPORTS SHALL BE SUCH AS TO RESIST OVERTURNING IN STRONG WINDS AND PROVIDE A MINIMUM MOUNTING HEIGHT OF 5' MEASURED TO BOTTOM OF SIGN (7' IF PEDESTRIANS ARE PRESENT).
- CARE SHOULD BE TAKEN NOT TO DAMAGE ANY EXISTING PERMANENT SIGNS TO REMAIN. ANY SIGN DAMAGED SHALL BE REPLACED BY THE CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL BE PAID FOR THE MAXIMUM QUANTITY OF CONSTRUCTION BARRICADES, ITEM 619.04, IN SERVICE AT ANY ONE TIME. NO ADDITIONAL PAYMENT WILL BE MADE FOR ONSITE RELOCATION OF THE BARRICADES. COST TO RELOCATE BARRICADES ONSITE IS INCLUDED IN ITEM 619.04.

EMERGENCY RESPONSE:

- 1. RESPONSIBILITY FOR EMERGENCY REPAIRS: THE CONTRACTOR SHALL SUBMIT TO MONROE COUNTY AND THE REGIONAL TRAFFIC OPERATIONS CENTER (RTOC) IN WRITING THE NAME, ADDRESS, AND TELEPHONE NUMBER OF THE PERSÓN OR PERSONS AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE OF NORMAL WORKING HOURS. DUPLICATE COPIES OF THE ABOVE SHALL BE FILED WITH THE RESIDENT ENGINEER.
- 2. AUTHORITIES RESPONSIBLE FOR EMERGENCY SERVICES IN THE VICINITY OF THE PROJECT MUST BE NOTIFIED A MINIMUM OF 24 HOURS IN ADVANCE OF ANY SUBSTANTIAL CHANGE IN TRAFFIC PATTERNS.
- 3. UNLESS A FULL ROAD CLOSURE/DETOUR/ALTERNATING ONE WAY TRAFFIC WITH TEMPORARY SIGNALS IS SPECIFICALLY CALLED OUT IN THE PLANS, AT LEAST ONE (1) 10' WIDE TRAVEL LANE OF SERVICEABLE ROAD IN EACH DIRECTION MUST BE MAINTAINED THROUGHOUT THE PROJECT AREA AT ALL TIMES FOR EMERGENCY VEHICLES. AUTHORITIES RESPONSIBLE FOR EMERGENCY SERVICES MUST BE NOTIFIED IN ADVANCED OF ANY SUBSTANTIAL CHANGE IN TRAFFIC PATTERNS. WORK ON THE SIDE OF THE HIGHWAY SHALL BE COMPLETED PRIOR TO ESTABLISHING A WORK AREA ON THE OPPOSITE

WORK ZONE TRAFFIC CONTROL DURING WINTER MONTHS:

- 1. SPECIAL ATTENTION SHALL BE GIVEN BY THE CONTRACTOR TO THE MAINTENANCE OF A SATISFACTORY TRAVELED WAY DURING THE WINTER SHUTDOWN OF CONSTRUCTION OPERATIONS, IN COMPLIANCE WITH THE REQUIREMENTS OF NYSDOT SECTION 619 AND THE SPECIAL NOTES IN THE CONTRACT.
- 2. THE CONTRACTOR SHALL PROVIDE A "PAVED RIDING SURFACE" DURING THE WINTER MONTHS OR AT ANY TIME WORK HAS STOPPED IN EXCESS OF TWO WEEKS. A "PAVED RIDING SURFACE" SHALL CONSIST OF ONE OF THE FOLLOWING:
 - EXISTING PAVEMENT; OR
 - NEW PAVEMENT SECTION COMPLETED TO AT LEAST THE ASPHALT BINDER COURSE: OR
 - TEMPORARY PAVEMENT CONSISTING OF 2" BINDER OVER 8" COMPACTED CRUSHED STONE SUBBASE.

S.I.N. XX-XX-XXX (IF APPLICABLE)

CONSULTANT
Section (1985) 8
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SURVEY NOTES:

- 1. THE LOCATIONS OF PROPERTY LINES SHOWN ON THIS SET OF PLANS ARE APPROXIMATE. THE PROPERTY LINE LOCATIONS WERE DETERMINED FROM PLAT AND TAX MAP RECORDS.
- 2. ALL PERMANENT SURVEY MARKERS, RIGHT-OF-WAY MONUMENTS, PROJECT SURVEY BASELINE CONTROL POINTS AND PROPERTY CORNERS ARE TO BE SAFEGUARDED AND PRESERVED. UNLESS MARKED AS TO BE REPLACED IN THE CONTRACT DOCUMENTS, ALL PERMANENT SURVEY MARKERS, PROPERTY CORNERS AND RIGHT-OF-WAY MONUMENTS THAT ARE DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION ARE TO BE REPLACED AND CERTIFIED BY A N.Y.S. LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE MEETING THE REQUIREMENTS OF, ITEM 625.010000MO FOR PERMANENT SURVEY MARKERS, AND ITEM 625.010000MO FOR STEEL PIN AND CAP RIGHT OF WAY MARKERS.
- 3. THE DEVELOPER'S AND CONTRACTOR'S ATTENTION IS DIRECTED TO LOCAL LAW NO. 6 OF 2019 REGARDING LIABILITY INCURRED THROUGH DISTURBANCE OR DESTRUCTION OF GEODETIC SURVEY MONUMENTS. THE CONTRACTOR SHALL LOCATE, MARK, BARRICADE, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT OF WAY MONUMENTS IN THE AREAS OF CONSTRUCTION. FOR DESCRIPTIVE AND SURVEY DATA ON GEODETIC SURVEY MONUMENTS, CONTACT GREGORY BLY, P.L.S., COUNTY SURVEYOR, MONROE COUNTY SURVEYOR'S OFFICE AT 585-753-1156 OR GREGORYBLY@MONROECOUNTY.GOV. UNLESS MARKED AS TO BE REPLACED IN THE CONTRACT DOCUMENTS, ANY GEODETIC MONUMENTS THAT ARE DISTURBED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION ARE TO BE REPLACED AND CERTIFIED BY A N.Y.S. LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE MEETING THE REQUIREMENTS OF ITEM 625.010000MO SPECIFICATIONS.
- 4. SHOULD ANY OLD GEODETIC MONUMENT BE FOUND OR BECOME DAMAGED, DISTURBED OR DESTROYED, THE MONUMENT CAPS, FRAMES, AND COVERS SHALL BECOME THE PROPERTY OF THE MONROE COUNTY SURVEYORS OFFICE AND THEY SHALL BE DELIVERED TO THE COUNTY OFFICE BUILDING AT 39 WEST MAIN STREET, ROOM 304, ROCHESTER, NEW YORK AT NO COST TO THE OWNER. CONTACT THE GREGORY BLY, COUNTY SURVEYOR AT 585-753-1156 TO COORDINATE DELIVERY.
- 5. THE CONTRACTOR SHALL STAKE/MARK PERMANENT AND TEMPORARY EASEMENTS PRIOR TO THE START OF WORK.

UTILITY NOTES:

- 1. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ANY AFFECTED UTILITY COMPANIES.
- 2. EXISTING UTILITIES (LOCATIONS, SIZES, AND INVERTS) SHOWN ON THE PLANS HAVE BEEN PLOTTED FROM THE FIELD SURVEYS AND RECORD MAPS AND ARE NOT CERTIFIED AS TO THE ACCURACY OF THEIR LOCATION OR COMPLETENESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES AND STRUCTURES IN THE PATH OF OR CLOSELY PARALLEL TO OR UNDER THE PROPOSED CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITY OWNERS (THROUGH DIG SAFE NY) IN AMPLE TIME FOR THEM TO LOCATE AND MARK THEIR FACILITIES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO COORDINATE WITH ANY PRIVATE UTILITIES NOT SERVICED BY DIG SAFE NY. THE COST FOR ALL UTILITY COORDINATION SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
- 3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PRESERVE THE INTEGRITY OF EXISTING UTILITIES TO REMAIN AND SHALL PROVIDE UNINTERRUPTED SERVICE TO ALL USERS OF THE EXISTING UTILITIES. EXISTING UTILITIES TO REMAIN, ENCOUNTERED IN TRENCH OR PAVEMENT RECONSTRUCTION EXCAVATIONS SHALL BE SUPPORTED AS NECESSARY OR AS ORDERED BY THE RESIDENT ENGINEER. THE COST FOR SUPPORTING UTILITIES SHALL BE INCLUDED IN THE PRICE BID FOR EXCAVATION ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THESE UTILITIES CAUSED BY HIS OPERATIONS AND IF THE NATURE OF THE DAMAGE IS SUCH AS TO ENDANGER THE SATISFACTORY OPERATIONS OF THESE UTILITIES, REPAIRS MUST BE MADE BY THE CONTRACTOR OR THE UTILITY COMPANY, AS DETERMINED BY THE RESPECTIVE OWNING UTILITY COMPANY. ANY COSTS BORNE BY THE UTILITY COMPANY FOR THESE REPAIRS SHALL BE THE RESPONSIBILITY OF PAVEMENT NOTES: THE CONTRACTOR.
- 4. ADJUSTMENT, RELOCATION OR REPLACEMENT OF EXISTING TELEPHONE. ELECTRIC, GAS, CABLE TELEVISION, AND OTHER PRIVATE UTILITIES NECESSITATED BY THE PROJECT SHALL BE DONE BY OTHERS.

- 5. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18" MEASURED FROM THE OUTSIDE OF THE PIPE AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (WELL COMPACTED SELECT GRANÚLAR FILL OR CONTROLLED LOW-STRENGTH MATERIAL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10' MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES, ÓR VAULTS.
- 6. ALL EXISTING WATER VALVE BOXES AND CURB BOXES WITHIN THE WORK LIMITS SHALL BE ADJUSTED WHERE REQUIRED TO FINISHED GRADE ON EXISTING MAINS TO REMAIN IN SERVICE. PRIOR TO ADJUSTMENT, THE BOX SHALL BE CHECKED FOR PROPER ALIGNMENT BY MCWA. PAYMENT WILL BE MADE UNDER ITEM 663.33: ADJUST EXISTING VALVE BOX ELEVATION.
- ALL EXISTING PRIVATE UTILITY VALVE BOXES, MANHOLES (RGE, FRONTIER, ETC.) WITHIN THE WORK LIMITS SHALL BE ADJUSTED WHERE REQUIRED TO FINISHED GRADE BY THE UTILITY OWNER. THE CONTRACTOR SHALL COORDINATE WITH THE AFFECTED UTILITIES TO SCHEDULE NECESSARY ADJUSTMENTS. THE COST FOR THESE ADJUSTMENTS WILL BE BORNE BY THE PRIVATE UTILITY COMPANY; NO PAYMENT SHALL BE MADE UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL VERIFY BY FIELD SURVEY ALL EXISTING INVERT ELEVATIONS ON SEWERS TO BE CONNECTED PRIOR TO THE START OF CONSTRUCTION.
- 9. ALL EXISTING SANITARY OR STORM SEWER LATERALS ENCOUNTERED DURING CONSTRUCTION SHALL BE PROTECTED FROM DAMAGE AND RECONNECTED TO MAIN SEWER AS ORDERED BY THE RESIDENT ENGINEER. IF ONE DOES NOT ALREADY EXIST, A CLEANOUT SHALL BE INSTALLED FOR EACH LATERAL AND SHALL BE LOCATED AT THE HIGHWAY BOUNDARY LINE. PAYMENT FOR THE NEW LATERAL AND CLEANOUT WILL BE MADE FOR UNDER THE APPROPRIATE ITEMS.
- 10. EXISTING SEWER MANHOLES TO REMAIN WITHIN THE WORK LIMITS SHALL BE ADJUSTED AS REQUIRED TO FINISH GRADE. (NOTE: THE CONTRACTOR MAY HAVE TO REMOVE OR ADD COURSES OF BLOCK OR BRICK, OR REPLACE THE CONCRETE SLAB COVER OR RISER SECTION IN ORDER TO ADJUST THE FRAMES AND COVERS TO THE REQUIRED FINISH GRADE IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS.)
- 11. ALL OLD DROP INLET FRAMES, GRATES, AND MANHOLE FRAMES AND COVERS SHALL BECOME THE PROPERTY OF THE MONROE COUNTY DEPARTMENT OF TRANSPORTATION AT NO COST TO THE OWNER. THE CONTRACTOR SHALL STOCKPILE THIS MATERIAL ON SITE IN A SECURE LOCATION AND CONTACT MONROE COUNTY'S GENERAL FOREMAN AT PAVEMENT MARKINGS 585-753-7843 TO ARRANGE FOR PICK UP BY MONROE COUNTY FORCES.
- 12. THE CONTRACTOR SHALL VERIFY THAT THE EXISTING CATCH BASIN LATERALS, WHICH ARE TO REMAIN IN USE, ARE OPERABLE BY CLEANING AND FLUSHING THE LATERALS. THE COST SHALL BE INCLUDED IN THE VARIOUS DRAINAGE ITEMS.
- 13. ALL NEW STORM MANHOLE COVERS SHALL BE INSCRIBED WITH THE WORD "STORM".
- 14. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING DIRECTLY WITH AFFECTED UTILITY AGENCIES WHEN BRACING OF EXISTING UNDERGROUND FACILITIES AND UTILITY POLES IS NECESSARY DUE TO CONTRACTOR'S OPERATIONS.
- 15. THE ROCHESTER GAS & ELECTRIC CORPORATION HAS A POLICY OF CHARGING A FEE FOR DUCT ENTRANCE INTO EXISTING RG&E OWNED PULL BOXES AND MANHOLES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INVOLVED WITH ENTRANCE FEE(S), IF REQUIRED.

1. LONGITUDINAL ASPHALT JOINTS SHALL BE CONSTRUCTED SUCH THAT JOINTS ON SUBSEQUENT PAVEMENT COURSES ARE OFFSET BY AT LEAST 6". TOP COURSE JOINTS SHALL BE LAID OUT PRIOR TO PAVING AND SHALL FALL EITHER ON (OR WITHIN 6" OF) THE LANE LINES, OR AT THE CENTER OF TRAVEL LANES/TURN LANES. JOINTS AT OR NEAR THE WHEEL PATH WILL NOT BE ACCEPTABLE.

- 2. PRIOR TO PAVING SIDE STREETS, THE CONTRACTOR SHALL SAW CUT A NEAT STRAIGHT JOINT ACROSS INTERSECTION TO THE FULL DEPTH OF THE TOP COURSE. PAVING UP TO ROLLED OVER EDGES FROM PREVIOUS MAINLINE PAVING OPERATIONS WILL NOT BE ACCEPTABLE. THE COST TO SAW CUT, TACK COAT AND SEAL THESE JOINTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ASPHALT ITEMS. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
- 3. AT ALL PAVEMENT LIMIT LINES A JOINT SEALER, MEETING THE REQUIREMENTS OF 702-3401, SHALL BE INSTALLED WHERE THE PAVEMENT TRANSITIONS FROM NEW PAVEMENT TO EXISTING PAVEMENT. THE COST TO CONSTRUCT THESE JOINTS ALONG WITH SEALING ALL JOINTS (INCLUDING JOINTS AT MAIN LINE TO SIDE STREET) SHALL BE INCLUDED IN THE PRICE BID FOR THE ASPHALT TOP ITEM.
- SAW CUTS MADE WITHIN THE ROADWAY ARE TO BE FULL DEPTH AND WILL BE PAID FOR UNDER ITEM 627.50140008: CUTTING PAVEMENT. ALL OTHER INCIDENTAL SAW CUTS (INCLUDING PAVEMENT TIE-INS) SHALL BE A MINIMUM OF 2" DEPTH (OR THE DEPTH OF THE TOP COURSE ASPHALT); COST OF THESE INCIDENTAL SAW CUTS IS TO BE INCLUDED IN THE RESPECTIVE WORK RELATED ITEM(S).
- BLENDING THE NEW CURBING (WITH A 7" CURB REVEAL) TO THE EXISTING CURB SHALL BE DONE WITH A 7' TRANSITION PIECE OF CURBING. THE TRANSITION PIECE SHALL END AT THE CONTRACT LIMITS OR AS SHOWN ON THE PLANS.
- 6. ALL BACKFILL MATERIAL, AND PAVEMENT SUBBASE MATERIAL SHALL BE PLACED IN 6" LIFTS AND THOROUGHLY COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D-1557. THE PROCTOR VALUE AND OPTIMAL MOISTURE CONTENT OF THE APPROVED SUBBASE MATERIAL WILL BE OBTAINED BY THE CONTRACTOR AND PROVIDED TO THE OWNER IN A TIMELY MANNER AT NO ADDITIONAL COST. THE FIELD TESTING OF THE SUBBASE STONE COMPACTION WILL PERFORMED BY THE OWNER.
- 7. ALL INTERSECTING DRIVEWAYS SHALL BE RE-ADJUSTED TO MEET THE GRADES AT EXISTING LOCATIONS UNLESS OTHERWISE SHOWN ON THE PLANS OR ORDERED BY THE ENGINEER. ALL INTERSECTING DRIVEWAYS WHICH SLOPE TOWARDS THE HIGHWAY SHALL BE REGRADED IN SUCH A MANNER AS TO PROVIDE A LOW POINT AT THE CURB LINE UNLESS OTHERWISE INDICATED ON THE PLANS. PAYMENT FOR ADJUSTING OF DRIVEWAYS WILL BE MADE UNDER CONTRACT ITEMS.
- 8. THE CONTRACTOR SHALL SUPPLY GRANITE CURB (WHEN AND WHERE SPECIFIED) FROM A NEW YORK STATE DEPARTMENT OF TRANSPORTATION APPROVED SOURCE. THERE SHALL BE NO WHITE VEINS OF DISCOLORATION ALLOWED GREATER THAN 1 INCH IN WIDTH IN ANY EXPOSED SURFACES. THERE SHALL BE NO BLACK VEINS OF THERE SHALL BE NO BLACK VEINS OF EXPOSED SURFACES. DISCOLORATION PERMITTED OF ANY SIZE IN ANY GRANITE CURB.

- 1. THE CONTRACTOR SHALL MAINTAIN PAVEMENT MARKINGS AT ALL TIMES ON ALL PAVEMENTS, WHETHER EXISTING, TEMPORARY, OR INTERIM UNTIL PERMANENT MARKINGS ARE INSTALLED OR RESTORED IN ACCORDANCE WITH SECTIONS 619-3.05, 619-3.06. AND 619-3.07 OF THE NYSDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE PROVIDED FOR IN THE CONTRACT PLANS AND/OR PROPOSAL.
- 2. TEMPORARY PAVEMENT MARKINGS SHALL BE UTILIZED ON ANY MILLED OR PAVED SURFACE WHERE EXISTING MARKINGS HAVE BEEN REMOVED AND/OR A.O.B.E. FOR A MAXIMUM OF 14 CALENDAR DAYS.
- 3. THE ENGINEER MUST BE NOTIFIED A MINIMUM OF FIVE (5) WORKING DAYS IN ADVANCE OF APPLICATION OF PERMANENT PAVEMENT MARKINGS. THIS NOTIFICATION IS NECESSARY TO ALLOW THE ENGINEER ADEQUATE TIME TO REVIEW OR REQUEST CORRECTIONS TO THE LAYOUT (IF NECESSARY) AND ACCEPT THE LAYOUT OF FINAL PAVEMENT MARKINGS.
- PERMANENT PAVEMENT MARKINGS (CENTER LINES, EDGE LINES, HATCH PATTERNS, SYMBOLS, ETC.) SHALL BE INSTALLED ON FINAL PAVEMENT SURFACES WITHIN TWO WEEKS OF INSTALLING THAT FINAL PAVEMENT SURFACE. THIS REQUIREMENT APPLIES TO ANY PORTION OF FINAL PAVEMENT SURFACE INSTALLED REGARDLESS OF LENGTH.
- TEMPORARY PAVEMENT MARKINGS, CONFORMING TO THE FINAL PAVEMENT MARKING LAYOUT. SHALL BE INSTALLED AND REMOVED AT THE CONTRACTOR'S EXPENSE IF THE PERMANENT MARKINGS ARE NOT INSTALLED WITHIN THE TWO WEEKS AS NOTED ABOVE. THE COST TO BE PAID FOR UNDER ITEM 619,0901.

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TRAFFIC SIGNALS:

- 1. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN EXISTING TRAFFIC SIGNAL EQUIPMENT FROM THE START OF WORK UNTIL FINAL ACCEPTANCE BY MONROE COUNTY DOT (MCDOT). THE COST FOR MAINTAINING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.1611 (MAINTAIN TRAFFIC SIGNAL EQUIPMENT (REQUIREMENT A)). THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF THE DATE ON WHICH THE CONTRACTOR WILL ASSUME MAINTENANCE RESPONSIBILITY. THE RESIDENT ENGINEER SHALL NOTIFY THE MCDOT REGIONAL TRAFFIC OPERATIONS CENTER AT 585-753-7750 OF SAID DATE.
- 2. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL UTILITY STAKE OUT REQUESTS DURING THE MAINTENANCE PERIOD (INCLUDING MARKING ANY FIBER OPTIC CONDUIT RUNS BETWEEN VARIOUS INTERSECTIONS)
- 3. AT INTERSECTIONS WHERE WORK REQUIRES FLAGGERS TO CONTROL TRAFFIC, SIGNALS SHALL BE PLACED IN FLASHING MODE IN ALL DIRECTIONS. THE CONTRACTOR SHALL VERIFY WITH MCDOT TRAFFIC SIGNAL GROUP AT 585-753-7750 THAT THE CABINET IS SET UP FOR RED/RED FLASH OPERATION
- 4. FOR TRAFFIC SIGNAL REPLACEMENTS, THE CONTRACTOR SHALL INSTALL THE NEW SIGNAL SYSTEM AND HAVE OPERATIONAL PRIOR TO REMOVING THE EXISTING SIGNALS, INTERIM STEPS ARE ACCEPTABLE BUT MUST BE SUBMITTED AND APPROVED BY MCDOT AND THE ENGINEER PRIOR TO STARTING WORK.
- 5. CONTRACTOR SHALL COORDINATE WITH MCDOT TO ACCOMMODATE ANY MODIFICATIONS TO THIS PLAN AND TO ESTABLISH THE PHASING & TIMING OF THE TRAFFIC SIGNALS.
- 6. THE CONTRACTOR SHALL CONTACT MCDOT AT (585) 753-7750 A MINIMUM OF 2 WEEKS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL RETURN ALL REMOVED SERVICEABLE EQUIPMENT TO MCDOT COST TO BE INCLUDED UNDER ITEM 680.79000**X**05, AN MCDOT REPRESENTATIVE MUST BE PRESENT AT TIME OF DELIVERY.
- 7. ALL TRAFFIC SIGNAL RELATED WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH MCDOT STANDARD SPECIFICATIONS AND DETAILS AND NYSDOT STANDARD SPECIFICATIONS AND DETAILS, UNLESS AMENDED IN THE CONTRACT DOCUMENT.
- 8. THE REMOVAL OF EXISTING CONCRETE CONTROLLER BASE(S) SHALL BE PAID FOR UNDER ITEM 203.02 UNCLASSIFIED EXCAVATION AND DISPOSAL.
- 9. SIGNAL HEAD(S), SIGNAL VISOR(S), PEDESTRIAN HEAD(S), PEDESTRIAN VISOR(S), PEDESTRIAN PLACARD(S) AND BUTTON(S) TO BE YELLOW IN COLOR.
- 10. CONTRACTOR MUST MAINTAIN EXISTING MCDOT TRAFFIC SIGNAL NETWORK CONNECTION IN GOOD WORKING CONDITION AT ALL TIMES.
- 11. CONTRACTOR MUST PAY ALL UTILITY CONNECTION FEES; REIMBURSEMENT FOR ACTUAL COSTS SHALL BE PROVIDED UNDER ITEM 662.600100004: FURNISHING ELECTRICAL SERVICE.
- 12. TRAFFIC SIGNAL UTILITY SERVICE SHALL (120/240V UTILITY METER) AS FOLLOWS: 1 WHITE CABLE, 1 BLACK CABLE, 1 GREEN CABLE (XPLE #6)
- 13. ALL ACCESS TO RG&E VAULTS MUST BE COORDINATED AND COMMUNICATED WITH THE UTILITY PROVIDER PRIOR TO ENTRY.
- 14. DETAILS SHOWN ARE TYPICAL ONLY AND NOT INTENDED TO INDICATE THE PRODUCTS OF ANY SPECIFIC MANUFACTURER.
- 15. ELBOWS, PIPE CROSSES, WIRE OUTLET AND OTHER FITTNGS SHALL BE EQUIPPED WITH SET SCREWS AND THREADING APPLIED WITH ANTI-SEIZE LUBRICANT.
- 16. UNUSED ACCESS POINTS IN TRAFFIC SIGNAL EQUIPMENT SHALL BE PROPERLY CAPPED.
- 17. THREADS ON FITTINGS ARE NATIONAL PIPE STRAIGHT THREADS.
- 18. STANDARD OPEN VISORS SHALL BE INSTALLED UNLESS SPECIFIED OTHERWISE ON THE PLANS.
- 19. THE CONTRACTOR IS CAUTIONED THAT THE LOCATIONS OF UTILITIES SHOWN ON THE CONTRACT PLANS ARE NOT GUARANTEED, NOR IS THERE ANY GUARANTEE THAT ALL SUCH LINES WITHIN THE CONTRACT LIMITS HAVE BEEN SHOWN ON THE PLANS. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO SATISFY HIMSELF AS TO THE EXACT

CONDITIONS, AND AT THEIR OWN EXPENSE TO PROTECT AND SUPPORT ALL UTILITIES ENCOUNTERED IN EXCAVATION AND TRENCHING OPERATIONS.

- 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND AND OVERHEAD UTILITY LINES CAUSED BY THEIR OPERATIONS AND IF NATURE OF THE DAMAGE IS SUCH AS TO ENDANGER THE SATISFACTORY OPERATIONS OF THE UTILITIES AND NECSSARY REPAIRS ARE NOT IMMEDIATELY MADE BY THE CONTRACTOR, THE WORK MAY BE PERFORMED BY THE RESPECTIVE OWNING COMPANIES AND THE COST THEREOF CHARGED TO AND PAID BY THE CONTRACTOR AT NO EXPENSE TO MCDOT.
- 21. THE LAYOUT OF THE SIGNAL POLE(S) AND FOUNDATION(S) LOCATIONS SHALL BE REVIEWED BY THE MCDOT SUPERVISOR OF SIGNAL CONSTRUCTION PRIOR TO THE START OF THE EXCAVATION, CONTACT MCDOT AT (585) 753-7750 A MINIMUM OF 72 HOURS PRIOR.
- 22. ALL INTERSECTION CONDUITS SHALL INCLUDE A MULE TAPE FOR FUTURE NEEDS/CONSIDERATIONS; WORK SHALL BE INCLUDED IN THE PRICE BID OF CONDUIT ITEMS 680.5216**XX**MO.
- 23. THE CONTRACTOR SHALL IDENTIFY EACH AND EVERY CABLE ENTERING THE CONTROLLER CABINETS AND PULLBOXES BY FUNCTION AND DESTINATION ON MCDOT-APPROVED TAGS. THE TAGS SHALL BE SECURED TO THE CABLES USING STAINLESS STEEL WIRE, PLASTIC LINE, OR NYLON LINE.
- 24. ALL CONDUITS SHALL HAVE RODENT COUNTERMEASURES: INCLUDED IN THE PRICE BID OF WIRING ITEMS 680.73**XX**14.
- 25. ALL TOPS OF SIGNAL/PEDESTRIAN HEADS AT MOUNTING POINT SHALL BE ENVIRONMENTALLY PROTECTED WITH THE APPLICATION OF UV CLEAR SILICONE TO PREVENT WATER INTRUSION; WORK SHALL BE INCLUDED IN THE PRICE BID OF ITEM 680.810601 TRAFFIC SIGNAL SECTION POLYCABONATE. TYPE 1, 12 INCH AND ITEM 680.813109 PEDESTRIAN SIGNAL SECTION POLYCARBONATE, TYPE I-FOR 16 INCH BY 18 INCH LED MODULE.
- 26. ALL POLE HANDHOLE COVERS, TOP PLATES, END PLATES AND BASE MESH SHALL BE INSTALLED WITHIN 24 HOURS OF POLE INSTALLATION AND MAINTAINED.

NON-INTRUSIVE DETECTION NOTES:

- 1. MCDOT, CITY OF ROCHESTER OR PRIVATE SIGNAL OWNER WILL BE RESPONSIBLE FOR THE FURNISHING OF NON-INTRUSIVE DETECTION SYSTEM(S).
- 2. MCDOT WILL BE RESPONSIBLE FOR THE INSTALLATION AND SETUP OF NON-INTRUSIVE DETECTION SYSTEM(S).
- 3. CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL CATSE CABLE FROM THE PROPOSED CAMERA LOCATION TO THE CONTROLLER CABINET. PAYMENT TO BE MADE UNDER ITEM 683.10010001 FURNISH AND INSTALL CATEGORY 5E OUTSIDE PLANT CABLE (ESTIMATED LENGTH XYZ LF).
 - TO BE TERMINATED AT EACH END PER MANUFACTURE/MCDOT SPECIFICATION.
 - TO BE TESTED AND CONFIRMED PER MANUFACTURE/MCDOT SPECIFICATION.
 - 10' COIL IN THE TRAFFIC CABINET.
 - 15' COIL AT THE CAMERA LOCATION (LOCATED EITHER ON THE MAST ARM, OR ON THE TOP OF THE POLE) (PROTECT CONNECTOR FROM WEATHER

MODIFICATION/REMOVAL NOTES (AS APPLICABLE):

- 1. WORK TO BE PERFORMED UNDER ITEM 680.7700**X**05: MODIFY TRAFFIC SIGNAL EQUIPMENT (*INTERSECTION HERE*), SHALL INCLUDED, BUT IS NOT LIMITED TO THE FOLLOWING:
 - COVERING, ADJUSTMENT, RELOCATION, REMOVAL OF TRAFFIC SIGNAL HEADS (AND PEDESTRIAN SIGNAL HEADS) AS REQUIRED FOR EACH PHASE OF TRAFFIC CONTROL OPERATIONS DURING CONSTRUCTION.
 - INSTALLATION AND CONNECTION OF TEMPORARY OVERHEAD SIGNAL CABLES, AS NEEDED, TO MAINTAIN CONTINUOUS TRAFFIC SIGNAL OPERATION WHILE UNDERGROUND CONDUIT LINES ARE OUT OF SERVICE.
 - MAINTAINING NETWORK COMMUNICATIONS CONNECTION LINES WHILE TRAFFIC SIGNAL IS UNDER CONSTRUCTION.
 - REMOVAL & REINSTALLATION OF TRAFFIC SIGNAL MODULES & SECTIONS.
 - REMOVAL & REPLACEMENT OF CRACKED SIGNAL SECTIONS.
 - REMOVAL & REINSTALLATION OF LED PEDESTRIAN SIGNAL MODULES.

• REMOVAL & REPLACEMENT OF MAST ARMS.

- TEMPORARY RELOCATION OF EXISTING TRAFFIC CABINET/CONTROLLER.
- 2. WORK TO BE PERFORMED UNDER ITEM 680.790X05: REMOVE TRAFFIC SIGNAL INSTALLATION SHALL INCLUDE, BUT IS NOT LIMITED TO THE FOLLOWING:
 - REMOVAL & DISPOSAL OF TRAFFIC SIGNAL HEADS AND OVERHEAD SIGNS ATTACHED TO POLES
 - REMOVAL & DISPOSAL OF PEDESTRIAN SIGNALS AND PUSH BUTTONS.
 - REMOVAL & DISPOSAL OF SIGNAL POLES, MAST ARMS AND PEDESTRIAN POLES.
 - REMOVAL OF SIGNAL CONTROLLER CABINET.
 - EQUIPMENT THAT IS SERVICEABLE TO BE DELIVERED TO MCDOT SIGNAL SHOP.
- 3. WORK TO BE PERFORMED UNDER ITEM 680.82250801: REMOVE TRAFFIC SIGNAL PULLBOXES SHALL INCLUDE, BUT IS NOT LIMITED TO THE FOLLOWING:
 - REMOVAL & DISPOSAL OF TRAFFIC SIGNAL PULLBOXES.
 - REMOVAL & DISPOSAL OF CONDUIT.

PROJECT SPECIFIC NOTES:

- 1. PAYMENT FOR TURF ESTABLISHMENT SHALL BE MADE UNDER ITEM 610.105: TURF ESTABLISHMENT PERFORMANCE. SEED MIX TO BE UTILIZED SHALL BE NYSDOT LAWN SEED MIX, MEETING THE REQUIREMENTS OF SECTION 713-04C (LAWN MIX)
- 2. TRAFFIC MAY BE MAINTAINED UP TO A MAXIMUM OF FOURTEEN (14) CALENDAR DAYS ON A MILLED SURFACE UNDER THIS CONTRACT. THE APPROPRIATE WARNING SIGNS SHALL BE INSTALLED PRIOR TO THE SURFACE BEING EXPOSED TO TRAFFIC.
- 3. PROPOSED SIDEWALK SHOWN ON THE PLAN SHEETS SHALL BE INSTALLED AS PART OF THIS CONTRACT. ADDITIONAL SIDEWALK MAY ALSO BE REPLACED BY THE CONTRACTOR AS ORDERED BY THE ENGINEER. THE CONTRACTOR WILL BE PAID FOR ANY EXTRA SIDEWALK INSTALLATION BASED ON THE PRICE BID FOR ITEMS 203.02, 304.12, AND 608.0101.
- 4. FOR THIS PROJECT, NEW SIDEWALK ALIGNMENTS SHALL BE FORMALLY ESTABLISHED VIA AN EASEMENT THAT THE TOWN OF _____ WILL EXECUTE WITH EACH AFFECTED PROPERTY OWNER.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTING A NOTICE TO PROPERTY OWNERS WHO HAVE MAILBOXES LOCATED ALONG THE ROADWAY. THE NOTICE SHALL BE DISTRIBUTED AT LEAST ONE WEEK PRIOR TO THE START OF THE MAILBOX RELOCATIONS. THE NOTICE SHOULD STATE THAT IF AN OWNER WANTS TO KEEP THEIR MAILBOX THEY SHOULD CONTACT THE PERSON ON THE NOTICE SO THAT THEIR MAILBOX CAN BE REMOVED AND SET ASIDE FOR THE OWNER TO KEEP UNTIL NEAR PROJECT COMPLETION WHEN IT WILL BE REINSTALLED. IN THE INTERIM, A TEMPORARY MAILBOX WILL BE PROVIDED BY THE CONTRACTOR. THE COSTS ASSOCIATED WITH THIS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MAILBOX ITEM, 619.27
- 6. UNLESS SPECIFIED OTHERWISE, ALL PLASTIC DRAINAGE PIPE FOR THIS PROJECT SHALL BE ADS N-12, OR APPROVED EQUIVALENT.
- 7. THE CONTRACTOR SHALL BE AWARE THAT PAVEMENT TEST BORING DATA IS AVAILABLE FOR THIS PROJECT IN THE CONTRACT BOOK.
- 8. THE CONTRACTOR SHALL NOTIFY MCDOT SUPERINTENDENT OF HIGHWAYS A MINIMUM OF 21 DAYS IN ADVANCE OF ANY BRIDGE/ROADWAY CLOSING.
- 9. SHORT DURATION LANE CLOSURES SHALL NOT BE PERMITTED DURING PEAK TRAFFIC HOURS OR OVERNIGHT. PEAK TRAFFIC HOURS ARE CONSIDERED FROM _____A.M. TO _____A.M. AND _____P.M. TO _____P.M. THE CONTRACTOR MUST PROVIDE ONE LANE OF TRAFFIC IN EACH DIRECTION DURING PEAK HOURS AND OVERNIGHT.
- 10. EXISTING HOMEOWNER/PRIVATE SIDEWALKS SHALL EITHER BE EXTENDED TO THE NEW CURB LINE, REMOVED IF THE PROPERTY OWNER DESIRES, OR MODIFIED/MAINTAINED, AS DIRECTED BY THE RESIDENT ENGINEER.
- 11. ALL GROUND MOUNTED SIGNS SPECIFIED BY THE MUTCD TO UTILIZE ASTM TYPE IX SHEETING AND ALL OVERHEAD SIGNS MUST BE FABRICATED USING 3M DG3 REFLECTIVE SIGN SHEETING. ALL OTHER GROUND-MOUNTED SIGNS MUST BE FABRICATED USING 3M HIP REFLECTIVE SHEETING WITH THE EXCEPTION OF DUAL POSTED (ON BOTH SIDES OF THE ROAD) GROUND MOUNTED SIGNS WHICH WILL USE 3M DG3 REFLECTIVE SIGN SHEETING.
- 12. STEEL PIPE ITEM 603. SHALL BE POLYMER COATED. THE COST FOR THE POLYMER COATING SHALL BE INCLUDED IN THE PRICE BID FOR THIS PIPE ITEM.

S.I.N. XX-XX-XXX (IF APPLICABLE)

NO ON

SULTANT (585) 867-5309 xxx Fax: (585) 867-5309

Consultant Address
Rochester, New York XXXX

ARTMENT OF TRANSPORTATION
50 WEST MAIN STREET, SUITE 6100
80CHESTER, NEW YORK 14614-1231
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SCALE: NOT TO SCALE

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DRAWING NO.

FLAGGING RESTRICTIONS

1. FLAGGING AT NYSDOT INTERSECTIONS IS PROHIBITED DURING THE **FOLLOWING TIMES:**

BAIRD ROAD AT NYS ROUTE 31F: 7:00 AM - 9:00 AM & 3:00 PM - 7:00 PM **CALKINS ROAD AT NYS ROUTE 65:** 7:00 AM - 9:00 AM & 3:00 PM - 7:00 PM 7:00 AM - 9:00 AM & 2:00 PM - 7:00 PM **EDGEWOOD AVE. AT NYS ROUTE 31:** 7:00 AM - 9:00 AM & 3:00 PM - 7:00 PM PINNACLE ROAD AT NYS ROUTE 253: S.WINTON ROAD AT NYS ROUTE 252: 7:00 AM - 9:00 AM & 3:00 PM - 7:00 PM **WEGMAN ROAD AT NYS ROUTE 33:** 7:00 AM - 9:00 AM & 3:00 PM - 6:00 PM WESTSIDE DRIVE AT NYS ROUTE 33A: 7:00 AM - 9:00 AM & 3:00 PM - 6:00

PMTEMPORARY LANE CLOSURES

1. LANE CLOSURES ON NYSDOT ROADWAYS ARE PROHIBITED DURING THE **FOLLOWING TIMES:**

NYS ROUTE 31F: 7:00 AM - 9:00 AM & 3:00 PM - 7:00 PM NYS ROUTE 252: 7:00 AM - 9:00 AM & 3:00 PM - 7:00 PM

2. LANE CLOSURES WILL NOT BE PERMITTED FROM 7:00 AM TO 9:00 AM AND FROM 4:00 PM TO 7:00 PM WITHIN 700 FEET OF THE FOLLOWING INTERSECTIONS: BAIRD ROAD AT FAIRPORT ROAD (NYS 31F); BAIRD ROAD AT WHITNEY ROAD; CALKINS ROAD AT PINNACLE ROAD; EAST RIDGE ROAD AT KINGS HIGHWAY; EDGEWOOD AVENUE AT FRENCH ROAD; PINNACLE ROAD AT LEHIGH STATION ROAD (NYS 253); PINNACLE ROAD AT STONE ROAD; WINTON ROAD AT JEFFERSON ROAD (NYS 252); WEGMAN ROAD AT LYELL ROAD; AND WESTSIDE DRIVE AT PIXLEY ROAD.

BRIDGE/CULVERT NOTES:

- 1. BRIDGE IDENTIFICATION NUMBER (BIN) PLATES AND STRUCTURE IDENTIFICATION NUMBERS (SIN) PLATES
 - a. ONE BRIDGE IDENTIFICATION NUMBER (BIN) PLATE WILL BE REQUIRED FOR EACH BRIDGE IN THIS CONTRACT. IF DESIGNATED ON THE PLANS TO BE RE-USED, THE EXISTING BIN PLATE(S) WILL BE PRESERVED AND PROTECTED BY THE CONTRACTOR FOR THE DURATION OF THE PROJECT. IF NEW BIN PLATE(S) ARE SPECIFIED IN THE PLANS, THEY WILL BE PROVIDED BY THE COUNTY AND INSTALLED BY THE CONTRACTOR.
 - b. TWO STRUCTURE IDENTIFICATION NUMBER (SIN) PLATES WILL BE REQUIRED FOR EACH CULVERT/BRIDGE STRUCTURE IN THIS CONTRACT. IF DESIGNATED ON THE PLANS TO BE RE-USED, THE EXISTING SIN PLATE(S) WILL BE PRESERVED AND PROTECTED BY THE CONTRACTOR FOR THE DURATION OF THE PROJECT. IF NEW SIN PLATE(S) ARE SPECIFIED IN THE PLANS, THEY WILL BE PROVIDED BY THE COUNTY AND INSTALLED BY THE CONTRACTOR.
 - THE SIN PLATES SHALL BE LOCATED AT THE BEGINNING RIGHT QUADRANT OF THE STRUCTURE FROM THE TRAVELED WAY AT A HEIGHT THAT CAN BE SEEN FROM THE NEAREST TRAVEL LANE. THE COST OF THIS WORK SHALL BE INCLUDED UNDER THE WINGWALL ITEM(S) OF THE CONTRACT.
- 2. IF ANY OBSTRUCTIONS TO PILE DRIVING ARE ENCOUNTERED TEN (10) FEET OR LESS FROM THE BOTTOM OF THE FOOTING, THE CONTRACTOR SHALL, IF SO ORDERED BY THE ENGINEER, PULL THE PARTIALLY DRIVEN PILE OR PILÉS, EXCAVATE AND REMOVE THE OBSTRUCTION, BACKFILL THE HOLE WITH APPROVED SUITABLE MATERIAL, AND THOROUGHLY COMPACT THE BACKFILL TO THE SATISFACTION OF THE ENGINEER. HOWEVER, NO PARTIALLY DRIVEN PILE SHALL BE REMOVED UNTIL THE ENGINEER IS SATISFIED THAT THE CONTRACTOR HAS MADE EVERY EFFORT TO DRIVE THE PILE THROUGH THE OBSTRUCTION. PAYMENT FOR THE EXCAVATION AND FOR TEMPORARY SHEETING, WHEN USED, WILL BE MADE AT THE UNIT PRICES BID FOR THE APPROPRIATE ITEMS.

BRIDGE/CULVERT GENERAL NOTES:

- 1. DESIGN SPECIFICATIONS: NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES WITH ALL PROVISIONS IN EFFECT AS OF MAY 1, 2008. (FOR DESIGN PURPOSES COMPRESSIVE STRENGTH OF CONCRETE FOR SUBSTRUCTURES AND DECK SLABS OF 28 DAYS: F'C = 3000 PSI.)
- 2. LIVE LOAD: HL93.
- 3. THE COST OF ALL JOINT MATERIAL WILL BE INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS ITEMS OF THE CONTRACT, UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- SHOULD THE CONTRACTOR ELECT TO LAY BACK A PORTION OF THE EXISTING EARTH ADJACENT TO AN EXCAVATION PARTIALLY SURROUNDED BY A COFFERDAM, ANY REQUIRED EXTENSIONS OF THE COFFERDAM NECESSARY TO KEEP WATER FROM ENTERING THE EXCAVATION SHALL BE FURNISHED AND PLACED AT NO COST TO THE COUNTY.

- 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR THE MAINTENANCE OF ANY CHANNEL FLOW THAT MAY OCCUR DURING CONSTRUCTION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS EXCAVATION ITEMS.
- 6. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 1 INCH CHAMFER.

BRIDGE/CULVERT RECONSTRUCTION NOTES:

- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME ACTUAL FIELD CONDITIONS AND MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.
- 2. WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED OR DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THOSE ITEMS.
- 3. DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT BE ALLOWED TO DROP WASTE CONCRETE, DEBRIS AND OTHER MATERIAL TO THE AREA BELOW THE BRIDGE EXCEPT WHERE THE PLANS SPECIFICALLY PERMIT THE DROPPING OF MATERIAL, OR AS ALLOWED BY THE ENGINEER. 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. THE COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING OF ALL PLATFORMS, NETS, SCREENS, OR OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE APPROPRIATE ITEMS IN THE CONTRACT.
- 4. ALL MATERIAL FALLING TO THE AREA BELOW AND ADJACENT TO THE BRIDGE SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS OF SECTION 202-3.01, GENERAL AND SAFETY REQUIREMENTS, OF THE STANDARD SPECIFICATIONS. A REMOVAL PLAN SHALL BE SUBMITTED TO THE ENGINEER FIFTEEN (15) DAYS PRIOR TO THE BEGINNING OF DEMOLITION. THE REQUIREMENT THAT IT BE PREPARED BY A PROFESSIONAL ENGINEER IS WAIVED.

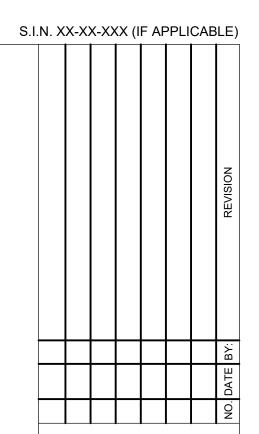
BRIDGE/CULVERT SUBSTRUCTURE NOTES:

- CARE SHALL BE EXERCISED IN EXCAVATING THE LAST FOOT OF MATERIAL TO AVOID DISTURBING OR SOFTENING WITH WATER THE MATERIAL BELOW THE BOTTOM OF FOOTING ELEVATION. THE EXCAVATION SHALL BE PROGRESSED CONTINUOUSLY TO COMPLETION. THE FOOTING PLACED. FORMS REMOVED AND BACKFILL MATERIAL PLACED AND COMPACTED WITHOUT DELAY.
- ALL UNSUITABLE MATERIAL UNDER THE FOOTINGS SHALL BE REMOVED TO THE DEPTH AND EXTENT ESTABLISHED BY THE ENGINEER. BACKFILL FOR THIS EXCAVATION SHALL BE MADE AT THE UNIT PRICES BID FOR THE APPROPRIATE 8.
- THE DETAILS SHOWN FOR THE CULVERT BARREL ARE BASED ON THE ASSUMPTION THAT THE WATER IN THE STREAM CHANNEL WILL BE DIVERTED OR CARRIED IN A FLUME DURING THE ENTIRE CONSTRUCTION OF THE BARREL. SHOULD THE CONTRACTOR DESIRE TO DIVERT THE WATER THROUGH A PORTION OF THE BARREL BEFORE COMPLETION OF THE ENTIRE BARREL, HE SHALL SUBMIT TO THE ENGINEER, FOR APPROVAL, THE CONSTRUCTION PROCEDURES HE INTENDS TO FOLLOW WITH THE SKETCHES SHOWING THE LOCATION OF THE PROPOSED CONSTRUCTION AND CONTRACTION JOINTS AND THE CHANGES IN THE BAR REINFORCEMENT DETAILS.
- ALL PLACEMENTS OF SELECT STRUCTURAL FILL, ITEM 203.21, SHALL BE COMPACTED TO 95 PERCENT OF STANDARD PROCTOR MAXIMUM DENSITY.
- 5. HIGHWAY EMBANKMENT MATERIAL, ITEM 203.03, SELECT STRUCTURAL FILL, ITEM 203.21, AND/OR UNDERDRAIN FILTER MATERIAL, ITEM 605.0901 SHALL BE PLACED SIMULTANEOUSLY, IN CONTACT, ON BOTH SIDES OF THE VERTICAL PAYMENT LINE. SHEETING OR OTHER MEANS SHALL NOT BE USED TO SEPARATE THE MATERIALS.
- THE CONTRACTOR, WITH THE PERMISSION OF THE ENGINEER, MAY ELECT TO INTRODUCE CONSTRUCTION JOINTS AT LOCATIONS NOT SHOWN ON THE PLANS. THESE CONSTRUCTION JOINTS SHALL BE PROVIDED WITH SHEAR KEYS.
- THE INSTALLATION OF SELECT STRUCTURAL FILL, ITEM 203.21, AS SHOWN ON THE STRUCTURAL PLANS, SHALL BE DONE IMMEDIATELY FOLLOWING THE ERECTION OF PRECAST SPAN UNITS AND WALL UNITS. FILL SHALL BE PLACED IN EVEN LIFTS TO AVOID UNEVEN LOADING OF THE SPAN UNITS.

- 8. EXCAVATION BELOW PLANNED FOOTING ELEVATION WILL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. BACKFILL AND DEWATERING OF UNAUTHORIZED EXCAVATIONS BELOW OR BEYOND PAVEMENT LINES WILL BE AT THE CONTRACTOR'S EXPENSE. BACKFILL MATERIAL WILL BE FOOTING CONCRETE ITEM 555.0104, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- WHERE OUTLETS ARE SHOWN IN ABUTMENTS AND WALLS, THE OUTLET SHALL BE COVERED BY A TWO-FOOT BY TWO-FOOT SQUARE OF GEOTEXTILE BEDDING CONFORMING TO THE REQUIREMENTS OF SECTION 207 - GEOTEXTILES, CENTERED OVER THE REAR FACE OF THE OUTLET. THE FABRIC SHALL BE SECURELY ATTACHED IN A MANNER APPROVED BY THE ENGINEER. THE COST OF THE FABRIC SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE UNDERDRAIN FILTER ITEM.

BRIDGE/CULVERT PRECAST REINFORCED CONCRETE STRUCTURES:

- THE PRECAST CONCRETE STRUCTURE UNIT DETAILS SHOWN ARE SUGGESTED DETAILS ONLY. THE CONTRACTOR SHALL DEVELOP THE APPROPRIATE PLANS AND DETAILS FOR APPROVAL BY THE ENGINEER. ALL DESIGN AND DETAIL WORK SHALL BE PERFORMED AND STAMPED BY A PROFESSIONAL ENGINEER CURRENTLY LICENSED TO PRACTICE IN NEW YORK STATE.
- 2. LOAD RATINGS SHALL BE IN ACCORDANCE WITH THE AASHTO "MANUAL FOR CONDITION EVALUATION OF BRIDGES - 1994", LATEST REVISION, AND INVENTORY AND OPERATING LOAD CALCULATIONS FOR THE UNITS, SHALL BE PROVIDED.
- WITHIN 10 CALENDAR DAYS AFTER AWARD, THE CONTRACTOR SHALL SUBMIT ALL DETAILS AND COMPUTATIONS TO THE COUNTY FOR APPROVAL. UPON RECEIPT, THE COUNTY SHALL BE PERMITTED THE LONGER OF EITHER SEVEN WORKING DAYS TOTAL OR TWO WORKING DAYS FOR EACH DRAWING OR A SET OF DRAWINGS, PLUS ONE WORKING DAY FOR EVERY FOUR COMPUTATION SHEETS, TO RENDER APPROVAL OF THE CONTRACTOR'S SUBMISSION. ANY SHEET WRITTEN ON BOTH SIDES WILL BE CONSIDERED TWO COMPUTATION SHEETS. THE COUNTY ACCEPTS NO RESPONSIBILITY FOR DELAYS OR CHANGES TO THE CONTRACTOR'S SCHEDULE ATTRIBUTABLE TO THE APPROVAL PROCESS NOR WILL ANY EXTENSIONS OF TIME BE GRANTED. THE PRECAST CONCRETE SHALL BE READY TO BE DELIVERED WITHIN 20 CALENDAR DAYS AFTER RECEIPT OF APPROVED SHOP DRAWINGS. DELIVERY OF THE PRECAST SHALL BE COORDINATED WITH THE CONTRACTOR.
- UPON APPROVAL, ONE SET OF DRAWINGS AND COMPUTATIONS SHALL BE FURNISHED TO THE COUNTY BRIDGE ENGINEER FOR RECORDS.
- DCI CORROSION INHIBITING ADMIXTURE SHALL BE ADDED TO THE CONCRETE MIX ACCORDING TO THE RATE RECOMMENDED BY THE CORROSION INHIBITOR MANUFACTURER.
- REINFORCEMENT SHALL BE A.S.T.M. A615/ M, GRADE 60, EPOXY COATED AND MEETING THE REQUIREMENTS OF SECTION 556 OF THE SPECIFICATIONS. THE MINIMUM CLEARANCE FOR REINFORCEMENT SHALL BE AS DETAILED ON THE PLANS.
- 7. CAST-IN-PLACE CONCRETE AND REINFORCING STEEL REQUIRED TO CONSTRUCT THE INVERT/FOOTING SLAB SHALL BE PAID UNDER THEIR RESPECTIVE ITEMS AS SHOWN ON THE PLANS.
- ALL HOLES LARGER IN SIZE THAN 1 IN. BY 1 IN. AND OVER 0.5 INCH DEEP SHALL BE REPAIRED BY THE MANUFACTURER AT NO COST TO THE COUNTY.
- ALL LIFTING HOLES AND RECESSES SHALL BE FILLED BY THE CONTRACTOR WITH NON-SHRINK GROUT MATERIAL. ONLY MATERIAL FROM THE NYSDOT APPROVED PRODUCTS LIST SHALL BE USED. THE GROUT MATERIAL SHALL BE MIXED AND PLACED IN ACCORDANCE SECTION 701-06 OF THE NYSDOT STANDARD SPECIFICATIONS.
- 10. ALL PRECAST JOINTS FOR BOX CULVERTS OR BRIDGES SHALL BE FULLY GROUTED. THE MATERIAL SHALL BE A CEMENT BASED, NON-SHRINK GROUT, AS SHOWN ON THE NYSDOT APPROVED MATERIAL LIST. THE GROUT MATERIAL SHALL BE MIXED AND PLACED IN ACCORDANCE SECTION 701-06 OF THE NYSDOT STANDARD SPECIFICATIONS.
- 11. ALL STRUCTURES REGARDLESS OF TYPE SHALL BE DESIGNED FOR A POSSIBLE FUTURE WEARING SURFACE OF 4" OF ASPHALT TOP. THIS IS IN ADDITION TO ANY WEARING SURFACE PROVIDED AT THE TIME OF CONSTRUCTION.



CONSULTANT (585) 8. (585) 8. (585) 8.

DEPARTMENT OF TRAN
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ROCHESTER, NEW YORK
UNAUTHORIZED ALTERATION OR ADDIT
IS A VIOLATION OF THE NEW YORK STA
ARTICLE 145, SECTION 7209

PROJECT LIMITS TOWN

NOTES

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SUGGESTED CONSTRUCTION SEQUENCE

GENERAL CONSTRUCTION SEQUENCE NOTES

- 1. THE SUGGESTED CONSTRUCTION SEQUENCE SHALL APPLY TO EACH INDIVIDUAL ROADWAY IN THE CONTRACT. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE THE OVERALL CONTRACT WORK IN ADVANCE WITH THE ENGINEER AND AVOID MULTIPLE OPERATIONS ON MULTIPLE ROADWAYS IN DIFFERENT PARTS OF THE COUNTY AT ONE TIME IN ORDER TO FACILITATE ADEQUATE INSPECTION COVERAGE WITH THE DEDICATED INSPECTION STAFF. THE MONROE NYSDOT HIGHWAY WORK PERMIT NOTES COUNTY DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO REVIEW THE CONTRACTOR'S PROPOSED PLAN IN ADVANCE AND MAY PROHIBIT WORK AT MULTIPLE LOCATIONS AT THE SAME TIME TO ENSURE FEDERAL AID INSPECTION 2 AND DOCUMENTATION REQUIREMENTS CAN BE SATISFIED.
- 2. THE CONTRACTOR SHALL SUBSTANTIALLY COMPLETE ALL WORK IN ONE PHASE BEFORE BEGINNING ANY WORK IN A SUBSEQUENT PHASE, UNLESS OTHERWISE APPROVED BY THE ENGINEER AND OWNER. WORK OUTSIDE OF THE CURRENT PHASE BEING WORKED ON MAY BE ALLOWED IF THE CONTRACTOR CAN DEMONSTRATE THAT SUCH PROPOSED WORK CAN BE PERFORMED WITH MINIMAL INTERFERENCE WITH TRAFFIC, EXCAVATIONS FOR THE WORK WILL BE BACKFILLED (OR ADEQUATELY PROTECTED) EACH DAY, AND THE AMOUNT OF DISTURBED AREA IS LIMITED. WORK OF THIS NATURE CAN BE CATEGORIZED AS DRAINAGE STRUCTURE INSTALLATIONS AND/OR MODIFICATIONS AND SHORT PIPE RUNS, TRAFFIC SIGNAL WORK, SHORT AREAS OF SHOULDER RECONSTRUCTION, DRIVEWAY ADJUSTMENTS, ETC. THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A SCHEDULE OR ANY WORK OF THIS TYPE TO THE ENGINEER AND OWNER 5 FOR APPROVAL.

PHASE 1: SETUP AND STAKEOUT ACTIVITIES

- 1. INSTALL PROJECT APPROACH SIGNS PER DWG. NO. TCD-1. PROJECT APPROACH SIGNS SHALL BE IN PLACE BEFORE BEGINNING ANY WORK AND REMAIN IN PLACE UNTIL WORK ON THE ROAD IS COMPLETE.
- PERFORM SURVEY AND STAKEOUT ACTIVITIES.
- 3. PERFORM CLEARING AND GRUBBING ACTIVITIES.

PHASE 2: DRAINAGE AND WHEELCHAIR RAMP IMPROVEMENTS

- 1. COMPLETE REPAIR AND REPLACEMENT OF CATCH BASINS, DRAIN PIPES, CURBS, AND CONCRETE GUTTERS.
- 2. ADJUST MANHOLE COVERS AND PULLBOXES WITHIN SIDEWALK AREAS.
- 3. PERFORM WHEELCHAIR RAMP REHABILITATIONS AND REPLACEMENTS.
- 4. CLEAN AND LINE EXISTING DRAINAGE SYSTEM AND CATCH BASINS WITHIN THE PROJECT LIMITS.

PHASE 3: MILLING AND RESURFACING/FINISH ACTIVITIES

- 1. THE CONTRACTOR SHALL INSTALL ONE PVMS SIGN DISPLAYING A MESSAGE, AS DIRECTED BY THE ENGINEER, AT THE PROJECT LIMITS FOR EACH MAINLINE 5.C. APPROACH
- 2. 3 CONSECUTIVE CALENDAR DAYS PRIOR TO THE START OF MAINLINE MILLING OR PAVING ON THAT ROAD. THE PVMS SIGNS SHALL REMAIN DURING MILLING AND 6. PAVING.
- 3. PERFORM MILLING OPERATIONS ALONG MAINLINE ROADS AND SIDE STREETS.
- 4. ADJUST MANHOLE FRAMES AND COVERS TO FINISHED GRADE WITHIN THE MILLED SURFACE.
- PERFORM PAVEMENT REPAIRS AS NECESSARY.
- 6. INSTALL SIGNAL LOOPS AS NECESSARY.
- 7. CLEAN PAVEMENT SURFACE, APPLY TACK COAT, PLACE FINAL ASPHALT CONCRETE WEARING SURFACE, AND INSTALL PERMANENT PAVEMENT MARKINGS.
- 8. INSTALL SHOULDER BACKUP MATERIAL, ESTABLISH TURF, AND COMPLETE ALL 9. DRIVEWAY RESTORATIONS.

- REDRESS ALL PROJECT RESTORATION AREAS AND ESTABLISH HEALTHY TURF 10. HAZARDOUS WASTE NOTIFICATION THE PERMITTEE ACCEPTS TH THROUGHOUT THE PROJECT LIMITS. REMOVE TEMPORARY EROSION SEDIMENT CONTROL DEVICES ONCE TURF HAS BEEN ESTABLISHED.
- 10. COMPLETE PROJECT PUNCH LIST AS ORDERED BY ENGINEER.

- ROAD TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
- ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
- MATERIALS, EQUIPMENT AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE NEW YORK STATE RIGHT-OF-WAY.
- MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THE CURRENT NATIONAL MUTCD WITH NYS SUPPLEMENT, SECTION 619 OF THE CURRENT NYSDOT STANDARD SPECIFICATIONS, THESE PLANS AND AS ORDERED BY THE 12. ANY DAMAGE TO ROADWAY FEATURES CASED DIRECTLY OR INDIRECTLY BY THE ASSISTANT RESIDENT ENGINEER. ON A NYSDOT CONSTRUCTION PROJECT MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THESE PLANS AND BE IN ACCORDANCE WITH THE NYSDOT CONTRACT DOCUMENTS AS DEEMED NECESSARY BY THE NYS ENGINEER-IN-CHARGE.
- NOTIFY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION'S ASSISTANT RESIDENT ENGINEER AT THE APPROPRIATE NUMBER, AS NOTED BELOW, FIVE (5) WORK DAYS PRIOR TO WORKING WITHIN THE STATE RIGHT-OF-WAY.

MONROE CO. - WEST OF GENESEE RIVER DARRELL FAZIO (585) 352-3471

MONROE CO. - EAST OF GENESEE RIVER JODY PAGOREK (585) 586-4514

- IN ADDITION, THE PERMITTEE SHALL NOTIFY NYSDOT REGIONAL TRAFFIC OPERATIONS CENTER (RTOC) OF ALL LANE AND SHOULDER CLOSURES AT LEAST THREE (3) DAYS IN ADVANCE OF THE PROPOSED WORK UTILIZING RTOC'S CONSTRUCTION NOTIFICATION FORM. RTOC'S CONTRUCTION NOTIFICATION FORM CAN BE OBTAINED FROM THE 511NY NOTIFICATION LINK AT THE WORK ZONE TRAFFIC CONTROL ICON ON THE REGION 4 PERMITS WEBSITE: WWW.DOT.NY.GOV/R4WORKPERMITS.
- PROPOSED CLOSURES WILL BE REVIEWED FOR CONCURRENT AND OVERLAPPING CLOSURE OR INCIDENT CONFLICTS AND WILL BE ENTERED INTO 511NY.ORG. CLOSURES INCLUDED IN THE NOTIFICATION SHALL CONFORM TO TIME, DATE, AND LOCATION RESTRICTIONS IN THE PERMIT. RTOC MAY DISALLOW OR REDUCE CLOSURES DUE TO OTHER CLOSURES OR WORK, EVENTS, OR INCIDENTS FOUND IN CONFLICT WITH THE PROPOSED CLOSURE(S).
- ALL LANE AND SHOULDER CLOSURES SHALL BE REMOVED DURING NON-WORKING HOURS, EXCEPT WHERE AUTHORIZED BY THE NYSDOT REGIONAL TRAFFIC ENGINEER OR DESIGNEE.
- NOTIFY THE NYSDOT TRAFFIC SIGNAL MAINTENANCE ENGINEER AT (585) 753-7793 FIVE (5) DAYS PRIOR TO WORKING WITHIN 350 FEET OF A SIGNALIZED INTERSECTION. NOTIFY DIG SAFELY NEW YORK TWO (2) WORK DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 811 FOR A UTILITY STAKE-OUT.
- ALL MATERIALS USED WITHIN THE STATE RIGHT-OF-WAY MUST COMPLY WITH THE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS ALONG WITH ANY APPROPRIATE CURRENT NYS DEPARTMENT OF TRANSPORTATION STANDARD SHEETS.
- 8. QUALITY CONTROL OF ASPHALT CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 401 OF THE STANDARD SPECIFICATIONS. ALL ASPHALT PRODUCED AS PART OF SECTION 401 WILL BE PAID AT A FINAL QUANTITY ADJUSTMENT FACTOR OF 1.0. ASPHALT COURSE DEPTHS SHOWN ON THE PLANS ARE COMPACTED DEPTHS.
- NO NIGHT WORK SHALL BE ALLOWED UNLESS APPROVED PRIOR TO START OF PROJECT. ADDITIONAL MAINTENANCE AND PROTECTION OF TRAFFIC MAY BE REQUIRED INCLUDING THE ADDITION OF REFLECTIVE MATERIALS AND LIGHTING.

RIGHT-OF-WAY OF THE STATE HIGHWAY IN ITS "AS IS" CONDITION. TH DEPARTMENT OF TRANSPORTATION MAKES NO REPRESENTATION AS TO TH ABSENCE OF UNDERGROUND TANKS, STRUCTURES, FEATURES OR IMPEDIMENTS TO THE COMPLETION OF THE WORK PERMITTED HEREUNDE SHOULD PERMITTEE FIND SOME PREVIOUSLY UNKNOWN UNDERGROUI IMPEDIMENTS TO ITS WORK, THE DEPARTMENT OF TRANSPORTATION SHA HAVE NO OBLIGATION TO CURE, REMOVE, REMEDY OR OTHERWISE DEAL WI SUCH PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS. THE PERMITTEE REQUIRED TO REMOVE, MODIFY OR OTHERWISE DEAL WITH SUC UNDERGROUND TANKS, STRUCTURES, FEATURES OR IMPEDIMENTS IN A MANNE WHICH MEETS ACCEPTABLE ENGINEERING PRACTICE AND IS APPROVED BY THE DEPARTMENT OF TRANSPORTATION.

- 11. ADA COMPLIANCE ALL WORK ON PEDESTRIAN FACILITIES SHALL BE COMPLIANT WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
- CONTRACTOR'S OPERATIONS WITHIN NYS ROW SHALL BE REPAIRED TO MEET NYSDOT STANDARDS AT THE CONTRACTOR'S EXPENSE.
- 13. NYSDOT OPERATIONS TAKE PRECEDENCE OVER HIGHWAY WORK PERMIT OPERATIONS. CONTRACTOR SHALL NOT HAVE WORK OPERATIONS IN PAVEMENT DURING INCLEMENT WEATHER CONDITIONS OR DURING SNOW AND ICE REMOVAL OPERATIONS ON STATE HIGHWAYS.

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