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36A, 36B LIGHTING DETAILS

HIGHWAY STANDARDS

000001-05	606001-04
280001-05	642001-01
420001-07	701101-02
420106-04	701106-02
424001-05	701451-01
542301-02	701901-01
602301-02	720001-01
602401-02	720006-02
602601-02	720011-01
602701-02	780001-02
604001-03	814001-02
604006-04	836001
604036-02	

GENERAL NOTES

- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS/HER OPERATIONS.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARDS INCLUDED IN THESE PLANS.
- ALL ELEVATIONS SHOWN REFER TO THE U.S.G.S. DATUM AT SEA LEVEL, UNLESS OTHERWISE NOTED.
- UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION, AND THEIR TRUE LOCATION IS NOT GUARANTEED TO BE AS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY OUT HIS/HER OPERATIONS ACCORDINGLY. MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
 WILLIAMS COMMUNICATION GROUP, INC. - FIBER OPTIC
 TOUCH AMERICA & AT&T - FIBER OPTIC
 CILCO - GAS & ELECTRIC
 VILLAGE OF WILLIAMSVILLE - WATERMAIN
 VERIZON - TELEPHONE
- THE FINAL SIX INCH LIFT OF EMBANKMENT IN AREAS TO BE SEEDED, SHALL BE ABLE TO SUSTAIN VEGETATION AND IS SUBJECT TO THE ENGINEER'S APPROVAL. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER CUBIC YARD FOR EARTH EXCAVATION. NO SEPARATE PAYMENT SHALL BE MADE FOR TOPSOIL.
- ALL LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
- POLE NUMBERS ASSIGNED TO EXISTING LIGHTING UNITS REFLECT THE AS-BUILT PLANS.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.
- THE CONTRACTOR SHALL INSTALL CONDUIT IN TRENCH PRIOR TO PROPOSED PAVEMENT.

APPLICATION RATES

THE FOLLOWING APPLICATION RATES WERE UTILIZED TO CALCULATE QUANTITIES

NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
AGGREGATE SHOULDERS AND SURFACE CSE.	2.05 TONS/CU YD
AGRICULTURAL GROUND LIMESTONE	2 TONS/ACRE
LIME	40 LBS/SQ YD/12" LIFT
WATER	7 GAL/SQ YD

LEGEND

EXISTING	
	IRON ROD
	BENCHMARK
	SIGN
	MAILBOX
	STREET LIGHT
	POWER POLE
	DOWN GUY
	ELECTRIC HANDHOLE
	FIRE HYDRANT
	WATER VALVE
	GAS VALVE
	TELEPHONE PEDESTAL
	WOODEN POST
	CATCH BASIN
	INLET
	MANHOLE
	FLARED END SECTION
	CONCRETE HEADWALL
	EVERGREEN TREE
	TREE
	BUSH
	RIGHT OF WAY LINE
	CENTERLINE
	CONTOUR
	FENCE
	SANITARY SEWER
	STORM SEWER
	WATERMAIN
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	GASMAIN
	FIBER OPTIC
	UNDERGROUND TELEPHONE
PROPOSED	
	COMBINATION CONCRETE CURB & GUTTER TYPE B6.1B
	MANHOLE TY A
	INLET, TY A
	STORM SEWER
	PRC FLARED END SECTION
	CURB INLET OR MANHOLE
	STONE DUMPED RIPRAP OR AGGREGATE SURFACE
	DIRECTION OF DRAINAGE ARROW
	TREE TO BE REMOVED
	SIDEWALK TO BE REMOVED
	PAVEMENT TO BE REMOVED
	SHOULDER TO BE REMOVED
	SIDEWALK, P.C. CONCRETE - 4"
	SIDEWALK, P.C. CONCRETE - 6"
	DETECTABLE WARNING
	ITEM TO BE REMOVED
	SIGN AND POST

DISTRICT SIX	
EXAMINED <u>Feb 2</u> 20 <u>10</u>	
<i>Sam J. Harris</i>	
OPERATIONS ENGINEER	
EXAMINED <u>Feb 3</u> 20 <u>10</u>	
<i>Sam J. Harris</i>	
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>February 2</u> 20 <u>10</u>	
<i>DRM</i>	
PROGRAM DEVELOPMENT ENGINEER	