

GENERAL CONSTRUCTION NOTES

- 1. MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN CONFORMANCE WITH THE NYS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED SEPTEMBER, 2016 SECTION 619 ENTITLED BASIC MAINTENANCE AND PROTECTION OF TRAFFIC AND AS DIRECTED BY THE ENGINEER.
2. THE MAINTENANCE AND PROTECTION OF TRAFFIC PLANS INCLUDE SPECIFIC PLANS FOR ALL MAJOR INTERSECTIONS AND RAMPS AS WELL AS TYPICAL PLANS FOR EVERYDAY CONSTRUCTION ACTIVITIES.
3. ALL TRAFFIC CONTROL PROCEDURES AS WELL AS WARNING (DIAMOND SHAPED) AND GUIDE (RECTANGULAR) SIGNS SHALL COMPLY WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" ISSUED BY THE STATE OF NEW YORK, DEPARTMENT OF TRANSPORTATION.
4. ALL LANDSCAPING ACTIVITIES SHALL CONFORM WITH THE FOLLOWING SECTION OF THE NEW YORK STATE DOT STANDARD SPECIFICATIONS DATED SEPTEMBER, 2016, AS AMENDED:

- 610 TURF AND WILDFLOWER ESTABLISHMENT
611 PLANTING
613 TOPSOIL
614 CARE, THINNING AND REMOVAL OF TREES
615 MISCELLANEOUS (WATERING)
713 LANDSCAPE DEVELOPMENT MATERIALS

- 5. TOPSOIL AND GRASS SHALL BE REPLACED AS PER THE PROJECT SPECIFICATION AS WELL AS THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
6. ALL PAVING ACTIVITIES SHALL CONFORM WITH THE FOLLOWING SECTIONS OF THE NYSDOT STANDARD SPECIFICATIONS DATED SEPTEMBER, 2016, AS AMENDED:

- 203 EXCAVATION AND EMBANKMENT
303 OPTIONAL FLEXIBLE SHOULDERS
400 BITUMINOUS PAVEMENTS
403 HOT MIX ASPHALT CONCRETE PAVEMENT
405 COLD MIX BITUMINOUS PAVEMENT
407 TACK COAT
490 MISCELLANEOUS COLD MILLING
608 SIDEWALKS, DRIVEWAYS, ETC.
609 CURBING, CUTTERS AND CONCRETE MALL
612 SODDING, ETC.
618 BITUMINOUS MATERIALS
633 CONDITIONING EXISTING PAVEMENT
714 CURBING AND GUTTER

- 7. ALL SIGNS DAMAGED SHALL BE REPLACED AS DIRECTED BY THE ENGINEER.
8. ALL WORK RELATING TO SIGNS, INCLUDING TEMPORARY CONSTRUCTION SIGNS, SHALL COMPLY WITH THE FOLLOWING SECTIONS OF THE NYSDOT STANDARD SPECIFICATIONS DATED SEPTEMBER, 2016, AS AMENDED:

- 644 SIGN STRUCTURES
645 GUIDE SIGNS, TRAFFIC SIGNS AND SPECIAL DEVICES
647 REMOVING, STORING AND RELOCATING SIGNS
730 SIGNS AND DELINEATORS
646 DELINEATORS, REFERENCE MARKERS AND SNOWPLOWING MARKERS

- 9. ALL FENCE AND GUIDE RAIL REMOVED OR DAMAGED SHALL BE REINSTALLED OR REPLACED AS DIRECTED BY THE ENGINEER.
10. ALL GUIDE RAIL REMOVED SHALL BE IMMEDIATELY REPLACED WITH TEMPORARY CONCRETE BARRIERS AS SPECIFIED IN SECTION 619 OF THE NYSDOT STANDARD SPECIFICATIONS DATED SEPTEMBER, 2016, AS AMENDED.

- 11. ALL FENCE REMOVED SHALL BE IMMEDIATELY REPLACED WITH TEMPORARY FENCING AS REQUIRED.
12. ALL WORK RELATING TO FENCES AND GUIDE RAILS SHALL COMPLY WITH THE FOLLOWING SECTIONS OF THE NYSDOT STANDARD SPECIFICATIONS DATED SEPTEMBER, 2016, AS AMENDED:

- 606 GUIDE RAILING
607 FENCES
710 FENCE AND GUIDE RAIL

- 13. WHERE STRUCTURES EXIST WITHIN THE ANGLE OF REPOSE OF THE REQUIRED EXCAVATION, AS EVIDENCED BY A ONE TO ONE SLOPE FOR THE ANGLE OF REPOSE OR AS DETERMINED BY THE ENGINEER, SHEETING IS REQUIRED TO BE DRIVEN AS PER PROJECT SPECIFICATION.

- 14. BACKFILLING OPERATIONS ADJACENT TO STRUCTURES AS DEFINED ABOVE SHALL COMPLY WITH THE NYSDOT STANDARD SPECIFICATIONS SECTION 203-3.15. BACKFILL AT STRUCTURES, CULVERTS, PIPES, CONDUITS AND DIRECT BURIAL CABLES AS WELL AS PER PROJECT SPECIFICATION.

- 15. ALL DRIVEWAYS TO BE PLATED DURING CONSTRUCTIONS, ACCESS TO ALL PROPERTIES SHALL BE MADE AVAILABLE.

- 16. INVERTS ARE MEASURED FROM GRADE.

- 17. PAVEMENT MARKINGS (MATERIAL AND INSTALLATION) TO CONFORM TO NYSDOT REQUIREMENTS.

- 18. PAVEMENT PLOWABLE MARKERS (MATERIAL AND INSTALLATION) TO CONFORM TO NYSDOT REQUIREMENTS.

- 19. ALL DRAINAGE STRUCTURES TO BE CLEANED OUT UPON COMPLETION OF CONSTRUCTION.

- 20. ELECTRICAL CONDUITS TO HAVE A MINIMUM COVER BELOW THE SURFACE. THE TYPICAL CONDUIT DETAIL ON THIS SHEET SPECIFIES MINIMUM COVER REQUIREMENTS. THE INTENDED FINAL ELEVATION OF ELECTRICAL CONDUIT IS DEPICTED WITHIN THE PROPOSED PROFILE. SHOULD FIELD CONDITIONS VARY FROM THE DESIGN SHOWN ON THE PLANS, CONSULT WITH CONSTRUCTION SUPERVISOR TO DETERMINE ALTERNATIVE AND OBTAIN APPROVAL FROM PROJECT ENGINEER PRIOR TO IMPLEMENTING.

- 21. HORIZONTAL DIRECTIONAL DRILLING IS THE PREFERRED INSTALLATION METHOD FOR THIS PROJECT. THE DESIGN INSTALLATION METHODS, EITHER OPEN CUT OR HORIZONTAL DIRECTIONAL DRILLING, ARE INDICATED ON THE PLANS. THE CONTRACTOR SHALL PROPOSE THE INSTALLATION METHOD TO PSEG-LI FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION.

HORIZONTAL DIRECTIONAL DRILLING NOTES

- 1. DIMENSIONS CALCULATED TO CENTERLINE BORE.
2. CONTRACTOR IS RESPONSIBLE FOR CALLING NEW YORK ONE CALL AND LOCATING ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION PER NYS LAW.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO IDENTIFY AND PROTECT ANY FOREIGN UTILITY THAT MAY BE AFFECTED BY THE HDD OPERATIONS.
4. CONTRACTOR TO VERIFY RIGHTS-OF-WAY PRIOR TO CONSTRUCTION.
5. HORIZONTAL AND VERTICAL ALIGNMENT OF HORIZONTAL DIRECTIONAL DRILLING (HDD) IS LARGELY BASED ON CONTRACTOR MEANS AND METHODS. THE ENGINEER HAS USED ENGINEERING JUDGEMENT AND KNOWLEDGE OF THE HDD PROCESS TO LAYOUT THE ALIGNMENT SHOWN HERE. THE CONTRACTOR IS RESPONSIBLE FOR SELECTION OF HORIZONTAL AND VERTICAL ALIGNMENT INCLUDING ENTRY/EXIT ANGLE, TURNING RADIUS, CLEARANCE TO OTHER UTILITIES, ETC. AFTER COLLECTING UTILITY TEST HOLE DATA. CONTRACTOR SHALL SUBMIT HORIZONTAL AND VERTICAL ALIGNMENT TO ENGINEER FOR APPROVAL. PLACEMENT OF THE HDD RIG IS NOT FIXED BY THE DESIGNATION OF THE PROPOSED ENTRY AND EXIT POINTS. THE CONTRACTOR SHALL SUBMIT THE PROPOSED ALIGNMENT AND WORKSPACE TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL DESIGN THE VERTICAL ALIGNMENT TO ALSO AVOID "FRACKING," THAT IS RELEASE OF DRILLING FLUID FROM THE GROUND SURFACE OR STREAMBED. THE CONTRACTOR SHALL TAKE GEOTECHNICAL SOIL SAMPLES AS NECESSARY TO PLAN THE VERTICAL ALIGNMENT TO AVOID FRACKING AND ADJUST THE DOWNHOLE PRESSURES AS APPROPRIATE.
7. ALL UTILITY CROSSINGS (INCLUDING SERVICE CROSSINGS) SHALL BE TEST HOLED PRIOR TO DRILL MOBILIZATION. THE TOP AND BOTTOM VERTICAL POSITIONS OF EACH UTILITY SHALL BE RECORDED, AND THE PLAN AND PROFILES SHALL BE UPDATED ACCORDINGLY. CONTRACTOR SHALL REVISE THE PROFILE DESIGN ACCORDINGLY AND SUBMIT THE REVISED DESIGN TO THE OWNER FOR APPROVAL PRIOR TO STARTING WORK.
8. CONTRACTOR SHALL SUPPORT, MAINTAIN, AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
9. THE DEPICTION OF A CONDUIT WALL THICKNESS FOR HDD-INSTALLED CONDUITS IS ONLY AN ESTIMATE BY THE ENGINEER. BECAUSE THE INSTALLATION LOADS ARE TYPICALLY THE HIGHEST LOADS, THESE CONDUITS WILL SEE DURRING THEIR SERVICE LIFE. THE CONTRACTOR SHALL SELECT THE CONDUIT WALL THICKNESS FOR HDD. THE CONTRACTOR SHALL SUBMIT CALCULATIONS, SIGNED AND SEALED BY A NYSPE, PROVING THAT THE CONDUITS CAN WITHSTAND BOTH INSTALLATION AND SERVICE LOADS.

UTILITY NOTES

- 1. EXISTING SUBSURFACE UTILITY FEATURES HAVE BEEN DEPICTED IN ACCORDANCE WITH CI/ASCE 38-02, "AMERICAN SOCIETY OF CIVIL ENGINEERS, STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA". THIS STANDARD HAS ESTABLISHED FOUR DISTINCT QUALITY LEVELS OF UTILITY MAPPING.

- QUALITY LEVEL D - INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.
• QUALITY LEVEL C - INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.
• QUALITY LEVEL B - INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS. PROFESSIONAL JUDGMENT IS USED IN CORRELATING THIS INFORMATION TO QUALITY LEVEL C AND D INFORMATION.
• QUALITY LEVEL A - HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. PROFESSIONAL JUDGMENT IS USED IN CORRELATING THIS INFORMATION TO QUALITY LEVEL B, C AND D INFORMATION.

ONE OR MORE OF THESE QUALITY LEVELS HAS BEEN UTILIZED IN THE PRODUCTION OF THIS SURVEY. REFER TO THE LEGEND FOR DESIGNATION OF QUALITY LEVELS.

- 2. THE SURVEYOR MAKES NO GUARANTEE OR WARRANTY THAT THE UNDERGROUND UTILITIES DEPICTED COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT GUARANTEE OR WARRANT THAT THE UNDERGROUND UTILITIES DEPICTED ARE IN THE EXACT LOCATION INDICATED. UTILITIES ARE DEPICTED IN ACCORDANCE WITH THE STANDARD OF CARE, FROM INFORMATION AVAILABLE.

- 3. THE CONTRACTOR SHALL UTILIZE "CALL BEFORE YOU DIG", "ONE CALL", OR LOCAL EQUIVALENT, PRIOR TO EXCAVATION, FOR THE PURPOSE OF VERIFYING THE SUBSURFACE UTILITIES IN THE AREA. IN AREAS WHERE THE "CALL BEFORE YOU DIG", "ONE CALL", OR LOCAL EQUIVALENT DOES NOT RESPOND, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF THE EXISTING UTILITIES, IN ACCORDANCE WITH THE OWNER'S CONTRACT AND ALL APPLICABLE LAWS AND REGULATIONS, INCLUDING OSHA.

- 4. INDIVIDUAL COMPONENTS OF UTILITIES AND RELATED STRUCTURES MAY EXIST ABOVE OR BELOW GRADE ON OR NEAR THE STRUCTURES AND MAY NOT BE DEPICTED. THESE MAY INCLUDE, BUT ARE NOT LIMITED TO GROUND WIRES, STRUCTURAL SUPPORT, AND CATHODIC PROTECTION. THE CONTRACTOR SHALL 1) CONTACT THE OWNER OF THE UTILITY PRIOR TO EXCAVATION FOR INSTRUCTION REGARDING HAZARDS ASSOCIATED WITH, AND SPECIFIC PRECAUTIONS TO BE UTILIZED WHEN WORKING AT OR NEAR, SUCH FACILITIES AND 2) EXERCISE THE APPROPRIATE STANDARD OF CARE REQUIRED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS, INCLUDING OSHA, WHEN EXCAVATING IN THE VICINITY OF A UTILITY AND/OR ITS RELATED STRUCTURES.

- 5. DETERMINATION OF ABANDONMENT OF A UTILITY, INDICATED AS "ABANDONED" OR "ABAN", HAS BEEN MADE ACCORDING TO RECORD INFORMATION AND IS NOT TO BE CONSTRUED AS BEING THE RESULT OF A PHYSICAL EVALUATION BY BL COMPANIES. NOT ALL ABANDONED UTILITIES HAVE BEEN DEPICTED.

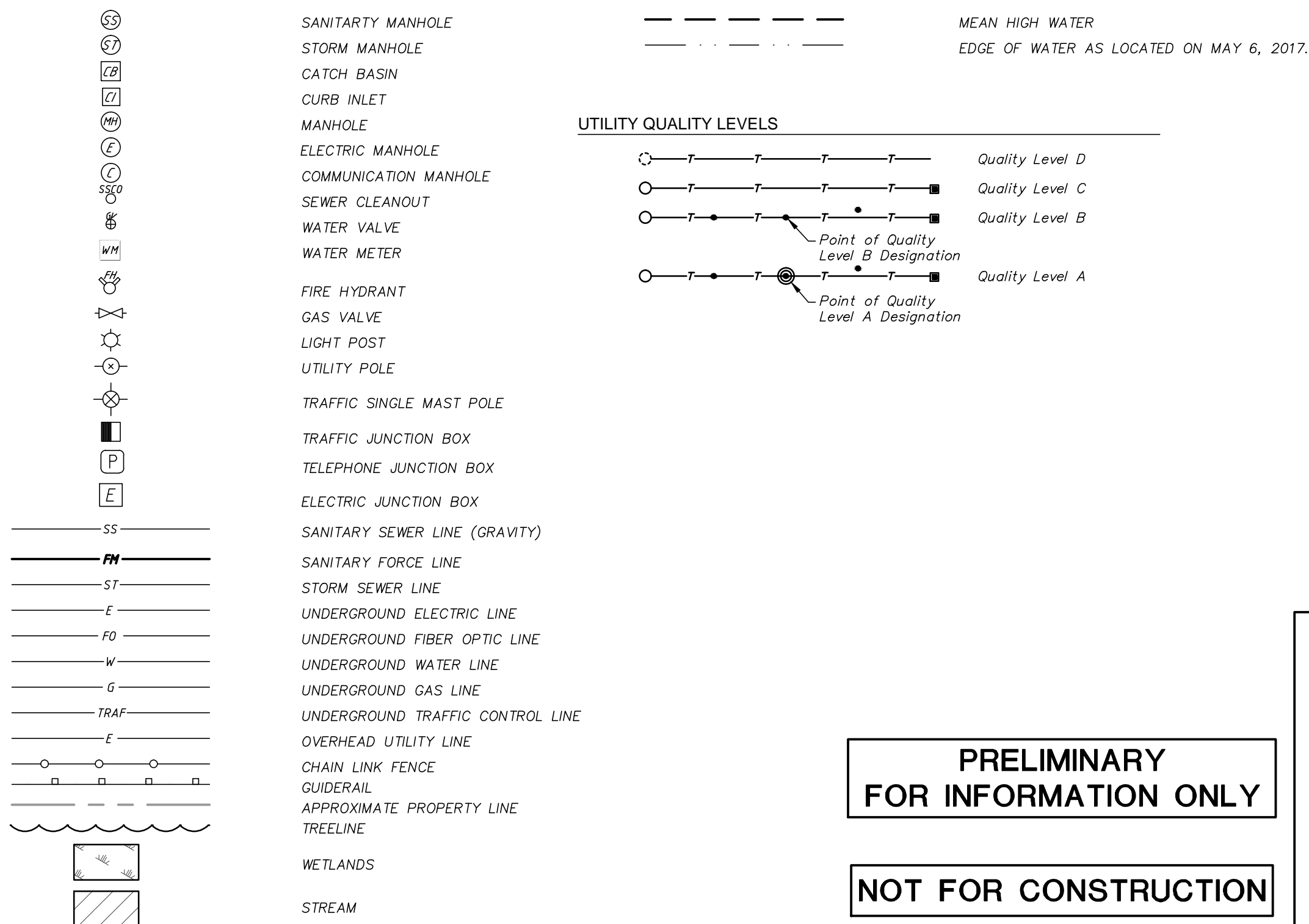
- 6. STREETLIGHT ELECTRIC AND TRAFFIC SIGNAL CABLE HAVE BEEN DESIGNATED AND PLOTTED WITHOUT THE BENEFIT OF RECORD INFORMATION.

- 7. WATER METERS AND CURB STOPS AND GAS CURB STOPS WERE LOCATED WHEREVER THEY WERE VISIBLE. WATER AND GAS SERVICES HAVE BEEN PLOTTED BASED UPON THESE LOCATIONS OR WHERE UTILITY RECORDS INDICATE THEIR EXISTENCE, HOWEVER BL COMPANIES MAKES NO GUARANTEES THAT ALL ARE DEPICTED. CONTRACTOR SHALL FIELD VERIFY ALL SERVICES AND ADJUST THE PROPOSED GAS MAIN OR SERVICE AS NECESSARY TO AVOID CONFLICTS.

GENERAL SURVEY NOTES

- 1. EXISTING UTILITY MARK OUT PERFORMED BY BL COMPANIES, SEPTEMBER, 2016.
2. NORTH ARROW REFERS TO NAD 83 NEW YORK LONG ISLAND PROJECTION.
3. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON SURFACE EVIDENCE AND INFORMATION RECORDED DURING CONVENTIONAL SURVEY METHODS. THIS MAPPING DOES NOT PURPORT TO SHOW ALL UNDERGROUND UTILITIES ON SITE AND IS SUBJECT TO FIELD VERIFICATION.
4. RECORD INVERTS HAVE BEEN ADJUSTED TO THE VERTICAL DATUM OF THIS SURVEY.
5. THE HORIZONTAL DATUM IS THE NORTH AMERICAN DATUM OF 1983, (2011) ADJUSTMENT: NAD 83(2011), NEW YORK STATE PLANE LONE ISLAND ZONE 3104.
6. THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
7. PROPERTY LINES SHOWN HEREON ARE FOR ORIENTATION PURPOSES ONLY. NO BOUNDARY SURVEY WAS COMPLETED WITH THIS SURVEY.
8. AVAILABLE UTILITY RECORDS UTILIZED BY BL COMPANIES TO DEPICT ADDITIONAL EXISTING UTILITIES.
9. FIELD SURVEY CONDUCTED BY MJ ENGINEERING AND LAND SURVEYING, PC SEPTEMBER, 2016 AND FEBRUARY, 2017.
10. EXISTING UTILITY SERVICES AND LATERALS DEPICTED ARE BASED ON VISIBLE EVIDENCE/HARDWARE LOCATED IN FIELD AND AVAILABLE RECORD INFORMATION. CONTRACTOR SHALL FOLLOW NYS "CALL-BEFORE-YOU-DIG" LAW AND SUPPORT, MAINTAIN AND PROTECT ALL EXISTING UTILITY SERVICES.

MJ ENGINEERING AND LAND SURVEYING SURVEY LEGEND

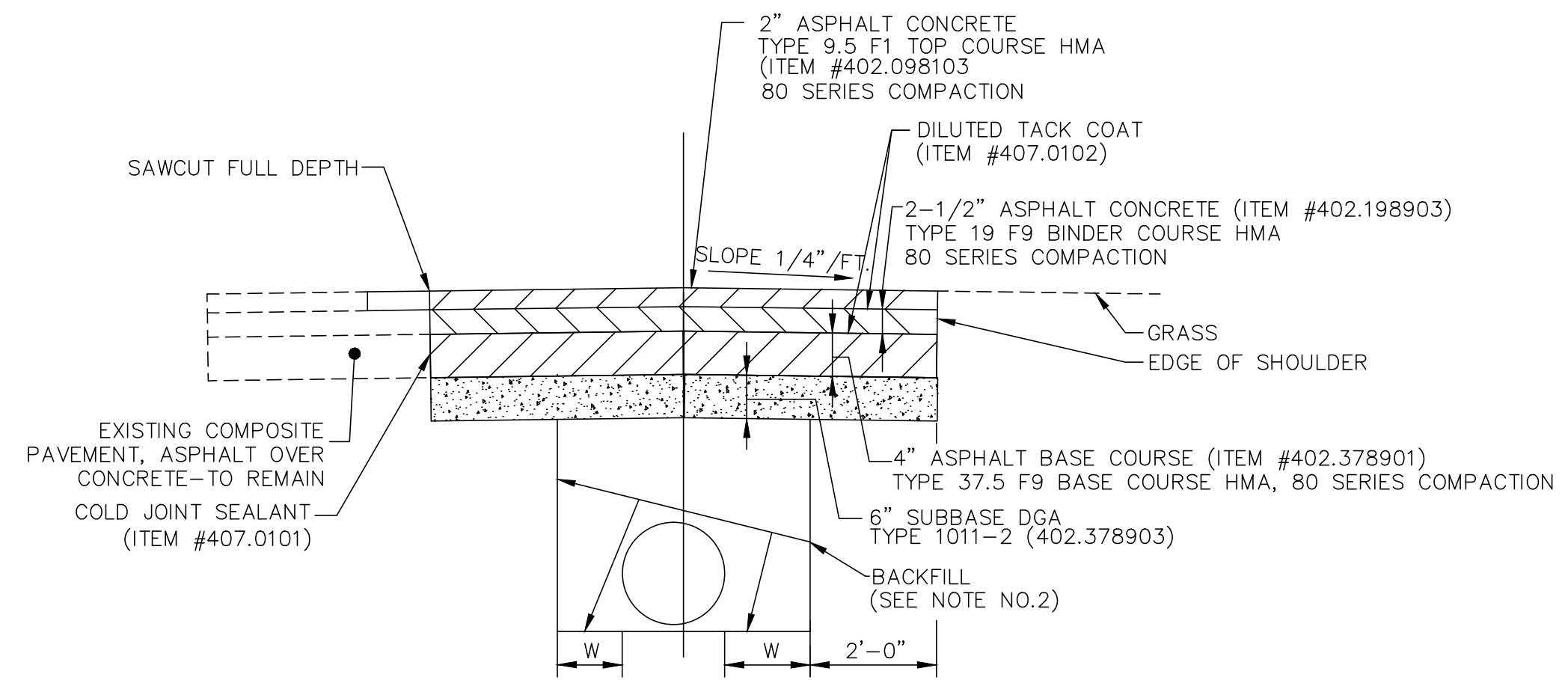


NYSDOT PERMIT NOTES

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ALL SIGNAL INTERCONNECT CABLE, DETECTOR CABLE, CONDUIT, TRAFFIC SIGNAL PULL BOXES AND ALL UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION.
B. PRIOR TO STARTING ANY WORK AT THIS LOCATION, THE CONTRACTOR SHALL NOTIFY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION THAT A TONE-OUT OF SIGNAL EQUIPMENT IS NEEDED. PLEASE CALL THE INFOM OPERATOR AT (631) 904-3050.
C. ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF \$500.00 PER CALENDAR DAY IF ACTUATION AND COORDINATION IS NOT MAINTAINED.
D. ALL DRAINAGE STRUCTURES IN AND ADJACENT TO THIS PROJECT SHALL BE CLEANED UPON COMPLETION OF THE PROJECT.
E. PSEGJ SHALL SUBMIT A FINAL AS-BUILT TABLE OF CURB OFFSET DISTANCES AND SIDEWALK WIDTHS FROM NEW UTILITY LINE ALONG NY 25 UPON COMPLETION OF THE PROJECT TO NYSDOT.
F. PSEGJ SHALL PROVIDE APPROPRIATE ADVANCE NOTIFICATION TO ALL EMERGENCY SERVICE PROVIDERS PRIOR TO IMPLEMENTING LANE CLOSURES.
G. PSEGJ SHALL NOTIFY NYSDOT INFOM AT (631) 904-3050 IN ADVANCE OF ALL LANE AND SHOULDER CLOSURES.
H. IN REGARD TO ANY DISTURBED PEDESTRIAN FACILITIES NYSDOT PEDESTRIAN FACILITY STANDARDS WERE REVISED BASED ON ED15-004 (ENGINEERING DIRECTIVE), EFFECTIVE IMMEDIATELY. THIS CONTAINS A NUMBER OF NEW CRITERIA FOR PEDESTRIAN FACILITY DESIGN. CHAPTER 18 OF THE NYSDOT HIGHWAY DESIGN MANUAL CONTAINS THE MOST CURRENT FORMS, POWERPOINT PRESENTATIONS AND RECORDED WEBINARS ON THE TOPIC. https://www.dot.ny.gov/divisions/engineering/design/dqab/hdm/chapter-18 IT INCLUDES REQUIREMENTS SUCH AS RAMPS SHALL BE DESIGNED AND LAID OUT WITH A 7.5% MAXIMUM RUNNING SLOPES RATHER THAN A MAXIMUM 6.33% SLOPE IF SPACE EXISTS. GROSS SLOPE FOR SIDEWALK AND CURB RAMPS SHOULD BE 1.5% RATHER THAN 2%. THIS PROVIDES A CONSTRUCTION TOLERANCE AND THE FINAL RAMPS WILL BE MORE LIKELY TO COMPLY WITH ADA AND NYSDOT REQUIREMENTS. NEW 608-01 SIDEWALK AS WELL AS RESIDENTIAL AND MINOR COMMERCIAL DRIVEWAY DETAILS WERE ISSUED IN MARCH, 2016.
I. UPON COMPLETION OF THE PROJECT, PSEGJ OR THEIR DESIGNATION DESIGNER OF RECORD SHALL FILL OUT THE FORM TITLED "CRITICAL ELEMENTS FOR THE DESIGN, LAYOUT AND ACCEPTANCE OF PEDESTRIAN FACILITIES" FOUND AT THE RESOURCE LINKS OF CHAPTER 18 OF THE NYSDOT HIGHWAY DESIGN MANUAL FOR EACH OF THE CONSTRUCTED OR RECONSTRUCTED PEDESTRIAN FACILITIES. USE THE CRITERIA FOR NEW AND REPLACEMENT FACILITIES AND USE THE FIELD INSPECTION METHODS AS NOTED ON THE FORM TO FIELD VERIFY THE PEDESTRIAN FACILITIES WERE CONSTRUCTED TO THE STANDARDS. THE RIO PERMIT PEDESTRIAN FACILITY RECORD TABLE SHALL ALSO BE COMPLETED FOR ALL LOCATIONS THAT WERE ALTERED, BUILT OR WHERE A NONSTANDARD FEATURE JUSTIFICATION FOR PEDESTRIAN FACILITIES FORM HAS BEEN COMPLETED. https://www.dot.ny.gov/divisions/engineering/design/dqab/hdm/hdm-repository/ Exhibit 2-15a.xls. SUBMIT THE COMPLETED FORMS TO NYSDOT FOR REVIEW AND COMMENT. FACILITIES THAT DO NOT COMPLY WITH ADA REQUIREMENTS UPON COMPLETION MAY REQUIRE REMOVAL AND RECONSTRUCTION.

- J. COMPOSITE PAVEMENT RESTORATION TO BE TAKEN TO EXISTING LONGITUDINAL JOINT. IF ANY DAMAGE OCCURS TO CONCRETE PANEL, THE CONTRACTOR SHALL REPLACE THE WHOLE PANEL.
K. ALL DRAINAGE GRATES WITHIN THE PROJECT LIMITS SHALL BE JOINTLY INSPECTED AND SURVEYED BY THE NYSDOT PERMIT ENGINEER AND THE APPLICANT PRIOR TO THE START OF WORK. DRAINAGE GRATES FOUND TO BE DEFICIENT IN THE FOLLOWING MANNER PRIOR TO THE START OF PERMIT WORK SHALL BE DOCUMENTED AND RECORDED BY THE NYSDOT PERMIT ENGINEER. AT THE COMPLETION OF THE PERMIT CONSTRUCTION WORK, THE NYSDOT PERMIT ENGINEER AND THE APPLICANT SHALL SURVEY THE DRAINAGE GRATES AGAIN. THOSE FOUND TO BE DEFICIENT IN THE FOLLOWING MANNER SHALL BE REPAIRED OR REPLACED BY THE APPLICANT, IN THE FOLLOWING MANNER:

- A. IF THE EDGE OF THE FRAME IS DIRECTLY ADJACENT TO THE CURB OR THE EDGE OF PAVEMENT THEN THE GRATE SHALL BE ADJUSTED TO THE MAXIMUM EXTENT AWAY FROM THE CURB OR THE EDGE OF PAVEMENT TO MINIMIZE THE GAP BETWEEN THE FRAME AND GRATE ALONG THE PROBABLE BICYCLE WHEEL PATH.
B. IF BOTH EDGES OF THE FRAME WILL BE EXPOSED TO BICYCLE TRAFFIC THEN CENTER THE GRATE WITHIN THE FRAME AND MEASURE THE GAP ON EACH SIDE. IF A GAP GREATER THEN 5/8 INCH EXISTS ON EITHER SIDE THE GRATE AND/OR FRAME SHALL BE REPLACED BY THE APPLICANT.
C. AFTER ADJUSTMENT THE FRAME SHALL BE SECURE AND NON-ROCKING; ANY MISSING BOLTS SHALL BE REPLACED, AND NON-JARRING SURFACE FOR THE PATH OF TRAVEL OF THE BICYCLE WHEELS. THE APPLICANT SHALL REPAIR ANY OF THE AFOREMENTIONED DRAINAGE STRUCTURE DEFICIENCIES ACCORDING TO THE DIRECTION AND APPROVAL OF THE NYSDOT. ELEVATION DIFFERENCES BETWEEN THE PAVEMENT AND FRAME/GRATE OF 1/2 INCH OR MORE SHALL BE CORRECTED WITH A TRANSITION OF 1/2 IN PER FOOT.
L. ALL CONSTRUCTION MATERIALS AND EQUIPMENT WILL BE REMOVED FROM THE WORK ZONE UPON THE COMPLETION OF EACH WORK DAY. EXCAVATIONS WILL BE TEMPORARILY RESTORED AT THE COMPLETION OF EACH WORK DAY. NO CONSTRUCTION MATERIALS OR EQUIPMENT WILL BE STORED IN THE PUBLIC RIGHT OF WAY DURING NON WORKING HOURS.



PAVEMENT REPLACEMENT DETAILS FOR OPEN CUTS OF EXISTING PAVEMENT

NOTE NO.1: WHERE THE EXISTING PAVEMENT CROSS-SLOPE IS DIFFERENT FROM 1/4" PER FOOT, THE PROPOSED PAVEMENT SLOPE SHALL MATCH THE EXISTING PROVIDED THE SLOPE WILL BE 3/16" / FT. MINIMUM AND 3/8" / FT. MAXIMUM, WHERE A SLOPE WITHIN THIS RANGE CANNOT BE OBTAINED, RESURFACING OF THE EXISTING ROADWAY TO CORRECT ITS CROSS-SLOPE MAY BE REQUIRED BY THE REGIONAL PERMIT ENGINEER.

NOTE NO.2: WHEN "W" IS LESS THAN 18", CONTROLLED DENSITY BACKFILL (K-CRETE OR EQUAL) SHALL BE USED. WHEN "W" IS 18" OR MORE, BACKFILL SHALL BE WITH SELECT GRANULAR MATERIAL FROM THE BOTTOM OF THE TRENCH TO THE BOTTOM OF THE SUBBASE COURSE. PLACEMENT SHALL BE AS DESCRIBED IN SECTIONS 200, EARTHWORK OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION.

NOTE NO.3: PER DOT DIRECTION, ASPHALT AND PAVEMENT SECTIONS TO MATCH EXISTING SECTIONS.

PRELIMINARY FOR INFORMATION ONLY

NOT FOR CONSTRUCTION

Project information block including BL Companies logo, project name (PSEG-LI SOUTHDOLD-SHELTER ISLAND), location (SOUTHOLD, GREENPORT & SHELTER ISLAND, SUFFOLK COUNTY, NY), scale (AS NOTED), drawing number (DN-01), and system grid number.