PSEG LONG ISLAND LLC

on Behalf of and as Agent for the LONG ISLAND LIGHTING COMPANY d/b/a LIPA

Southampton to Deerfield Transmission Project

ENVIRONMENTAL MANAGEMENT AND CONSTRUCTION PLAN

Appendix J

Maintenance and Protection of Traffic Plan

WORK ZONE TRAFFIC CONTROL PLANS SOUTHAMPTON TO DEERFIELD 69KV TRANSMISSION LINE

Water Mill

North Sea

Tuckahoe

Art Village

HIII St

Southampton

KEY PLAN

NOT TO SCALE

INDEX OF SHEETS									
SHEET NO.	DESCRIPTION	DWG NO.							
1	WORK ZONE TRAFFIC CONTROL PLANS - KEY PLAN AND INDEX OF DRAWINGS	WZTC-01							
2	WORK ZONE TRAFFIC CONTROL PLANS - NOTES & LEGEND	WZTC-02							
3	WORK ZONE TRAFFIC CONTROL PLANS - TABLES-01	WZTC-03							
4	WORK ZONE TRAFFIC CONTROL PLANS - WZTC DETAILS-01	WZTC-04							
5	WORK ZONE TRAFFIC CONTROL PLANS - WZTC DETAILS-02	WZTC-05							
6	WORK ZONE TRAFFIC CONTROL PLANS - WZTC DETAILS-03	WZTC-06							
7	WORK ZONE TRAFFIC CONTROL PLANS - WZTC DETAILS-04	WZTC-07							
8	WORK ZONE TRAFFIC CONTROL PLANS - WZTC DETAILS-05	WZTC-08							
9	WORK ZONE TRAFFIC CONTROL PLANS - WZTC DETAILS-06	WZTC-09							
10	WORK ZONE TRAFFIC CONTROL PLANS - DETOUR PLAN-01 [SV-01]	WZTC-10							
11	WORK ZONE TRAFFIC CONTROL PLANS - DETOUR PLAN-02 [SV-03]	WZTC-11							
12	WORK ZONE TRAFFIC CONTROL PLANS - DETOUR PLAN-03 [SV-06]	WZTC-12							
13	WORK ZONE TRAFFIC CONTROL PLANS - DETOUR PLAN-04 [SV-09]	WZTC-13							
14	WORK ZONE TRAFFIC CONTROL PLANS - DETOUR PLAN-05 [SV-10]	WZTC-14							
15	WORK ZONE TRAFFIC CONTROL PLANS - DETOUR PLAN-06 [SV-11]	WZTC-15							
16	WORK ZONE TRAFFIC CONTROL PLANS - SPLICE VAULT-01	WZTC-16							
17	WORK ZONE TRAFFIC CONTROL PLANS - SPLICE VAULT-02	WZTC-17							
18	WORK ZONE TRAFFIC CONTROL PLANS - SPLICE VAULT-03	WZTC-18							
19	WORK ZONE TRAFFIC CONTROL PLANS - SPLICE VAULT-04	WZTC-19							
20	WORK ZONE TRAFFIC CONTROL PLANS - SPLICE VAULT-05	WZTC-20							
21	WORK ZONE TRAFFIC CONTROL PLANS - SPLICE VAULT-06	WZTC-21							
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23	WORK ZONE TRAFFIC CONTROL PLANS - SPLICE VAULT-08	WZTC-23							
24	WORK ZONE TRAFFIC CONTROL PLANS - SPLICE VAULT-09	WZTC-24							
25	WORK ZONE TRAFFIC CONTROL PLANS - SPLICE VAULT-10	WZTC-25							
26	WORK ZONE TRAFFIC CONTROL PLANS - SPLICE VAULT-11	WZTC-26							

APPROVED WITH CORRECTIONS AS NOTED PSEG Long Island

THIS APPROVAL SHALL NOT RELIEVE
THE CONTRACTOR FROM ENTIRE
RESPONSIBILITY FOR DIMENSIONAL
ACCURACY, CONFORMANCE WITH
REFERENCED SPECIFICATIONS, CODES
AND ALL LIABILITY UNDER CONTRACT.

WZTC-01

Long Island Power Authority SOUTHAMPTON, NEW YORK 69KV TRANSMISSION LINE SOUTHAMPTON SUBSTATION — DEERFIELD SUBSTATION WORK ZONE TRAFFIC CONTROL PLANS WZTC KEYPLAN & INDEX PSEG LONG
ISLAND
175 East Old Country Road
Hicksville, New York KAGE NONE REVISION **000** DATE DESCRIPTION DRAWN REVIEW APPR PROJ. No. 154527 WZTC-01 CABINET NO. FOLDER NO. SYSTEM GRID NUMBER

REQUIREMENTS. 2. PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN SHALL BE PROVIDED, IN WRITING, TO THE DOT ENGINEER FOR REVIEW AND APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE FIVE (5) WORK 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 BE THE REGIONAL DIRECTOR OF HIS/HER DESIGNEE THIRTY (30) WORKING DAYS PRIOR TO THE IMPLEMENTATION OF SUCH REVISIONS.

AND IN THE MUTCD, REFLECT THE MINIMUM

- 3. THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS SHALL BE PROVIDED. IN WRITING, TO THE DOT ENGINEER. THE ENGINEER WILL PROVIDE THE SUBMITTED INFORMATION TO REGIONAL MANAGEMENT, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.
- NYSDOT STANDARD SHEET 619-503 MAY BE USED FOR AN OFFSITE DETOUR SETUP FOR BOTH LONG TERM AND SHORT TERM DETOURS.
- 5. SEE NYSDOT EI 17-010 FOR MAJOR HOLIDAYS RESTRICTIONS. NO LANE CLOSURE WILL BE ALLOWED ON WEEKENDS AND ON THE FOLLOWING DAYS:
- 5.1. FROM 6:00AM ON THE FRIDAY BEFORE MEMORIAL DAY THROUGH MEMORIAL DAY
- FROM 6:00 AM THE DAY BEFORE INDEPENDENCE DAY THROUGH 6:00AM MONDAY AFTER INDEPENDENCE DAY FROM 6:00AM ON THE FRIDAY BEFORE LABOR DAY
- THROUGH LABOR DAY VETERANS DAY

MULTI LANE CLOSURE.

- FROM 6:00AM ON THE DAY BEFORE THANKSGIVING THROUGH THE SUNDAY FOLLOWING THANKSGIVING THE DAY BEFORE CHRISTMAS AND CHRISTMAS DAY
- 5.6. THE DAY BEFORE NEW YEARS AND NEW YEARS DAY 6. REGION 10 INFORM CENTER MUST BE NOTIFIED AT LEAST ONE (1) WEEK IN ADVANCE OF ALL FULL/MULTI LANE CLOSURE INFORMATION FOR DISPLAY ON THE APPROPRIATE
- OVERHEAD ELECTRONIC VARIABLE MESSAGE SIGNS (VMS). CONTRACTOR MUST PLACE PORTABLE VMS AT APPROVED LOCATION(S) WITHIN THE CONTRACT LIMIT AT LEAST ONE (1) WEEK IN ADVANCE TO PROVIDE ADVANCED NOTIFICATION TO MOTORISTS ABOUT POSSIBLE FULL OR
- 8. FOLLOW REGIONAL HIGH-VOLUME RESTRICTIONS, SEE REGIONAL LANE CLOSURE RESTRICTIONS LIST. CONSULT WITH DOT ENGINEER IF EXCEPTION NEEDED.
- PLAN AHEAD TO AVOID CONFLICTING WORK ZONES. CHANGE FOR CONSTRUCTION PROJECTS, CLOSURES & RESTRICTIONS AT WWW.511NY.ORG
- WWW.DOT.NY.GOV/PROJECTS AND WITH DOT ENGINEER. 10. TRAVELER ADVISORY FORM & MATRIX MUST BE SUBMITTED PRIOR TO CLOSURE AS REQUIRED BY TSMI 19-04 FOR POLICE SERVICES.
- 11. CALL REGIONAL TRAFFIC MANAGEMENT CENTER (TMC) ON DAY OF WORK BEFORE LANE CLOSURE SETUP AND WHEN LANE CLOSURE REMOVED.
- 12. DOCUMENT AND REPORT WORK ZONE INCIDENTS USING EITHER THE DEPARTMENT'S WORK ZONE INCIDENT FORM, OR THE CONSTRUCTION INCIDENT REPORTING SYSTEM, AS APPROPRIATE.
- 13. CONSIDER CLOSURE WIDTH & CLEAR WIDTH FOR WIDE VEHICLES ON WIDE LOAD ROUTES. SEE HIGHWAY DESIGN MANUAL \$16.4.4.3, CONSTRUCTION ADMINISTRATION MANUAL \$104-08.IV,. AND OVER-SIZE VEHICLE SCREENING TOOL (BRIDGE WIDTHS & 16' WIDE LOAD ROUTES), SUBMIT RESTRICTION NOTICE FORM HC104 IF APPLICABLE.

ACTIVITY AREA:

- 1. A 500' MINIMUM LONGITUDINAL DISTANCE SHALL BE MAINTAINED BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE
- APPROVED BY THE ENGINEER. 2. WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.

SIGNS:

- 1. THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
- 2. FOR LONG TERM WORK DURATIONS, ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.

- 3. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF
- 4. SIGNS MOUNTED ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A SADDLE TYPE BRACKET. LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED.
- 5. THE DIMENSIONS OR WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE.
- 6. NYR9-12 SHALL BE USED IN PLACE OF NYR9-11 WHEN A REDUCED REGULATORY SPEED LIMIT SIGN IS AUTHORIZED.
- 7. RIGID AND FLEXIBLE "ROLL-UP" SIGNS MAY BE USED FOR MOBILE, SHORT DURATION AND SHORT-TERM STATIONARY WORK. RIGID SIGNS MUST BE MOUNTED AT LEAST 5 FEET ABOVE GRADE (7 FEET WHERE THERE ARE PEDESTRIANS OR PARKED CARS). FLEXIBLE SIGNS SHALL BE MOUNTED AT LEAST ONE FOOT ABOVE GRADE. MESH SIGNS SHALL NOT BE USED. USE RETRO REFLECTORIZED RIGID SIGNS FOR NIGHTTIME WORK.

CHANNELIZING DEVICES:

1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.

PUBLIC ACCESS:

- 1. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED 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.
- 2. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

LANE CLOSURES:

- 1. LANE CLOSURES SHALL BE LOCATED TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.
- 2. THE ENGINEER MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.

LANE WIDTHS:

- 1. UNLESS AUTHORIZED BY THE ENGINEER. THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: FREEWAYS AND/OR EXPRESSWAYS IS 11'. THE MINIMUM LANE WIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10'.
- 2. A WRITTEN NOTE SHALL BE PROVIDED TO THE ENGINEER, A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY, SO THAT THE ENGINEER MAY NOTIFY THE REGIONAL PERMIT ENGINEER IN A TIMELY

SPEED REDUCTION:

1. SEE NYSDOT EI 08-030 & HDM \$16.4.6. POSTED SPEED LIMITS IN NYS GIS VIEWER

PROTECTIVE VEHICLES:

- 1. A PROTECTIVE VEHICLE IS A LARGE DUMP TRUCK, A LARGE RACK TRUCK OR OTHER VEHICLE HAVING A GROSS WEIGHT OF AT LEAST 24,000 POUNDS. IF THE PROTECTIVE VEHICLE ENCROACHES INTO THE TRAVEL LANE, OR IF IT REMAINS ENTIRELY ON THE SHOULDER OF ANY HIGH SPEED ROAD (45 MPH OR HIGHER), IT SHALL BE EQUIPPED WITH A DEPLOYED TRUCK/TRAILER MOUNTED IMPACT ATTENUATOR (TMIA, SEE TABLE 011-01 ON NYSDOT STANDARD SHEET 619-11). PROTECTIVE VEHICLES MAY BE LOADED WITH SAND, GRAVEL OR FINE AGGREGATE AS BALLAST TO ENHANCE THE VEHICLE'S GROSS WEIGHT. ANY BALLAST ADDED TO ENHANCE THE VEHICLE'S GROSS WEIGHT SHALL BE SECURED AS NOT TO BECOME DISLODGED IF IMPACTED.
- 2. A PROTECTIVE VEHICLE USED IN A MOVING OPERATION IS REFERRED TO AS A SHADOW VEHICLE.
- 3. A PROTECTIVE VEHICLE USED IN A STATIONARY OPERATION IS REFERRED TO AS A BARRIER VEHICLE.
- 4. IN A MOVING OPERATION OR A STATIONARY OPERATION THAT OCCUPIES A LOCATION FOR UP TO 1 HOUR, THE OPERATOR SHALL REMAIN IN THE PROJECTIVE VEHICLE WITH THE SAFETY BELT AND HEADREST PROPERLY ADJUSTED, MAINTAIN VEHICLE SPACING, AND KEEP THE WHEELS ALIGNED WITH THE LANE STRIPING. TWO-WAY RADIOS SHOULD BE USED TO COMMUNICATE BETWEEN THE

- OPERATOR AND THE WORK CREW
- 5. IN A STATIONARY OPERATION THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR, ONCE THE PROJECTIVE VEHICLE HAS BEEN APPROPRIATELY PLACED, IT SHOULD BE UNOCCUPIED. UNOCCUPIED VEHICLE SHALL BE POSITIONED PARALLEL TO TRAFFIC, PARKING BRAKE SET, PLACED IN 2ND GEAR (MANUAL TRANSMISSIONS/ENGINE OFF) OR PARK/NEUTRAL (AUTOMATIC TRANSMISSIONS) AND HAVE THE FRONT WHEELS ALIGNED WITH THE LANE STRIPING AND LANE TO MAINTAIN LANE DISCIPLINE AND TO STAY IN LANE IF STRUCK.
- WHEN A PROTECTIVE VEHICLE IS USED IN ADVANCE OF EITHER MOVING OR STATIONARY OPERATIONS TO DISPLAY SIGN MESSAGES, IT IS REFERRED TO AS AN ADVANCE WARNING VEHICLE. ADVANCE WARNING VEHICLES MAY BE OCCUPIED OR UNOCCUPIED. WHEN SIGNS ARE MOUNTED ON A ADVANCED WARNING VEHICLE, THEY SHALL NOT OBSTRUCT VISIBILITY OF ANY LIGHTS (TAILLIGHTS OR WARNING LIGHTS) OR SIDE-VIEW MIRRORS ON THE VEHICLE.
- NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE PROTECTIVE VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
- PROTECTIVE VEHICLES MAY BE REQUIRED IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL, FOR CAPITOL CONSTRUCTION PROJECTS.
- DIRECT VERBAL COMMUNICATION BETWEEN THE PROTECTIVE VEHICLE AND THE WORK VEHICLE(S)/EQUIPMENT SHALL BE UTILIZED WHERE AVAILABLE.

WORK DURATION DEFINITIONS:

- 1. THERE ARE FIVE WORK DURATIONS: 1.A. LONG-TERM IS STATIONARY WORK THAT OCCUPIES A
- LOCATION MORE THAN 3 CONSECUTIVE DAYS. 1.B. INTERMEDIATE-TERM IS STATIONARY WORK THAT
- OCCUPIES A LOCATION MORE THAN ONE DAYLIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR NIGHTTIME WORK LASTING MORE THAN 1 HOUR.
- 1.C. SHORT-TERM IS STATIONARY DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.
- 1.D. SHORT DURATION IS WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.
- 1.E. MOBILE IS WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY WHERE THE WORK AT ANY SPECIFIC LOCATION COMPLETES WITHIN 15 MINUTES. IT IS USED FOR VEHICLE BASED OPERATIONS AND DOES NOT INVOLVE WORKERS ON FOOT.
- SPECIAL OPERATIONS ARE WORK OPERATIONS THAT DO NOT FIT INTO ONE OF THE ABOVE CATEGORIES. SPECIAL **OPERATIONS INCLUDE:**
- 2.A. STOP AND GO OPERATIONS WORK THAT COMPLETES WITHIN 5 MINUTES AND ALLOWS WORKERS ON FOOT.
- OTHER OPERATIONS INCLUDING MOVING, MULCHING/HERBICIDE OPERATIONS, TEMPORARY ROAD/INTERSECTION CLOSURES. ETC.

ROADWAY TYPE DEFINITIONS:

FREEWAY

- 1.1. INTERSTATE: INTERREGIONAL HIGH—SPEED, HIGH-VOLUME. DIVIDED FACILITIES WITH COMPLETE CONTROL OF ACCESS.
- EXPRESSWAY: DIVIDED HIGHWAYS FOR THROUGH TRAFFIC WITH FULL OR PARTIAL CONTROL OF ACCESS AND GENERALLY WITH GRADE SEPARATIONS AT MAJOR CROSSROADS.
- 1.3. PARKWAY: DIVIDED HIGHWAYS FOR NON-COMMERCIAL TRAFFIC WITH FULL CONTROL OF ACCESS, GRADE PARKWAY SEPARATIONS, INTERCHANGES, AND OCCASIONAL AT-GRADE INTERSECTIONS, PARKWAYS ARE DESIGNATED BY LAW.
- 2. NON-FREEWAY:
- 2.1. MULTILANE DIVIDED HIGHWAY MULTILANE UNDIVIDED HIGHWAY
- TWO-LANE TWO-WAY ROADWAY 2.3.

NOTES ON NIGHTTIME WORK:

- WORK OCCURRING AFTER SUNSET AND BEFORE SUNRISE WILL BE CONSIDERED NIGHTTIME OPERATIONS.
- 2. ALL SIGNS, STOP/SLOW PADDLES AND RED FLAGS USED TO WARN/ALERT/CONTROL TRAFFIC SHALL BE RETROREFLECTIVE.
- ALL WORKERS INVOLVED SHALL WEAR PROTECTIVE HELMET AND NIGHTTIME APPAREL IN ACCORDANCE WITH \$107-05A. HIGH VISIBILITY APPAREL AT ALL TIMES.
- 4. VEHICLES OPERATING ON THE PAVEMENT OF A CLOSED ROADWAY OR TRAVEL LANE SHALL DISPLAY ROTATING AMBER BEACONS AT ALL TIMES.
- 5. LEVEL I ILLUMINATION SHALL BE PROVIDED NEAR THE BEGINNING OF LANE CLOSURE TAPERS AND AT ROAD CLOSURES, INCLUDED THE SETUP AND REMOVAL OF THE CLOSURE TAPERS.
- 6. LEVEL II ILLUMINATION SHALL BE PROVIDED FOR FLAGGING STATIONS, ASPHALT PAVING, MILLING AND CONCRETE

- PLACEMENT AND/OR REMOVAL OPERATIONS, INCLUDING BRIDGE DECKS, 50 FEET AHEAD OF AND 100 FEET BEHIND A PAVING OR MILLING MACHINE
- 7. LEVEL III ILLUMINATION SHALL BE PROVIDED FOR PAVEMENT OR STRUCTURAL CRACK FILLING, JOINT REPAIR. PAVEMENT PATCHING AND REPAIRS, INSTALLATION OF SIGNAL EQUIPMENT OR OTHER ELECTRICAL/MECHANICAL. AND OTHER TASKS INVOLVING FINE DETAILS OR INTRICATE PARTS AND EQUIPMENT.
- 8. ALL LIGHTING SHALL BE DESIGNED, INSTALLED AND OPERATED TO AVOID GLARE THAT AFFECTS TRAFFIC ON THE ROADWAY OR THAT CAUSES ANNOYANCE OR DISCOMFORT FOR RESIDENCES ADJOINING THE ROADWAY. 9. PRIOR TO THE START OF NIGHTTIME OPERATIONS, A
- WRITTEN NIGHTTIME OPERATIONS AND LIGHTING PLAN IS REQUIRED FOR APPROVAL
- 10. SEE NIGHTTIME SAFETY BULLETIN, HDM \$16.5.7 & STANDARD SPECIFICATIONS 619 FOR ADDITIONAL REQUIREMENTS AND CONSIDERATIONS.

WORK ZONE TRAFFIC CONTROL LEGEND										
SYMBOL	DESCRIPTION									
	WORK ZONE									
	CLOSED AREA									
F	TEMPORARY SIGN, ITEM 619.01									
\Rightarrow	EXISTING TRAFFIC FLOW									
→	TEMPORARY TRAFFIC FLOW									
•	PLASTIC DELINEATOR DRUM ITEM 619.01									
	CHANNELIZING DEVICE									
	TYPE III BARRICADE									
	BARRIER VEHICLE WITH ATTENUATOR									
FLAGGER										

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	ABBREVIATIONS
ABBR.	DESCRIPTION
A.O.B.E	AS ORDERED BY ENGINEER
E.I.C	ENGINEER IN CHARGE
EXIST.	EXISTING
HDD	HORIZONTAL DIRECTIONAL DRILLING
GR. M.	GROUND — MOUNTED
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NTS	NOT TO SCALE
NYSDOT	NEW YORK STATE DEPARTMENT OF TRANSPORTATION
STA.	STATION
TEMP.	TEMPORARY
VMS	VARIABLE MESSAGE SIGN
WZTC	WORK ZONE TRAFFIC CONTROL

APPROVED WITH CORRECTIONS AS NOTED PSEG Long Island
THIS APPROVAL SHALL NOT RELIEVE THE CONTRACTOR FROM ENTIRE RESPONSIBILITY FOR DIMENSIONAL ACCURACY, CONFORMANCE WITH REFERENCED SPECIFICATIONS, CODES AND ALL LIABILITY UNDER CONTRACT.
PER:
DATE

WZTC-02

000

Long Island Power Authority SOUTHAMPTON, NEW YORK 69KV TRANSMISSION LINE SOUTHAMPTON SUBSTATION - DEERFIELD SUBSTATION WORK ZONE TRAFFIC CONTROL PLANS WZTC NOTES & LEGEND PSEG LONG ISLAND 175 East Old Country Road Hicksville, New York KB BB W,BLANCHARD W.BLANCHARD KAGE NONE SMART NO. DATE DESCRIPTION DRAWN REVIEW APPR PROJ. NO. 154527 WZTC-02 CABINET NO. FOLDER NO. GRID NUMBER

	END STATION	ROAD	TRENCH LOCATION	LANE CONFIGURATION	WZ DURING TRENCHING	WZ DESCRIPTION
00	16+00	N/A	SUBSTATION	N/A	NO WZTC REQUIRED	N/A
00	19+25	W PROSPECT ST	OFF ROAD - N SIDE OF STREET	2-LANE, 2-WAY	619-310	SHOULDER CLOSURE
25	20+00	N SEA RD	ACROSS SB LANES	3-LANE, 2-WAY	619-311 & LANE SHIFT	STAGED OPERATION THROUGH INTERSECTION
00	24+00 (SV-01)	N SEA RD	NB LANE	2-LANE, 2-WAY	LANE SHIFT	SHIFT NB LANE
00	32+50		SV-01		SEE DWGS FXXXX & FXXXX	ROAD CLOSURE AND DETOUR
50	39+50	WILLOW ST	WB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
50	41+00	N MAIN ST & WILLOW ST INTERSECTION	ACROSS INTERSECTION	2-LANE, 2-WAY	619-323	FLAGGING OPERATION AT INTERSECTION
00	48+00 (SV-02)	N MAIN ST	NB LANE	2-LANE, 2-WAY	LANE SHIFT	LANE SHIFT
00	50+00		SV-02		SEE DWG FXXXXXX	LANE CLOSURE WITH FLAGGERS
00	54+00	N MAIN ST	NB LANE	2-LANE, 2-WAY	LANE SHIFT	LANE SHIFT
00	58+00	N MAIN ST & SOUTHAMPTON BYPASS INTERSECTION	ACROSS INTERSECTION	4-LANE, 2-WAY	SEE DETAIL SHEETS	STAGED OPERATION THROUGH INTERSECTION
00	67+25	N MAIN ST	NB LANE	2-LANE, 2-WAY	LANE SHIFT	LANE SHIFT
25	71+00		SV-03		SEE DWGS FXXXX & FXXXX	ROAD CLOSURE AND DETOUR
00	88+25 (SV-04)	N MAIN ST	NB LANE	2-LANE, 2-WAY	LANE SHIFT	LANE SHIFT
25	90+10		SV-04		SEE DWG FXXXXXX	LANE CLOSURE WITH FLAGGERS
10	92+00	N MAIN ST	NB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
00	95+00	N MAIN ST	NB LANE	2-LANE, 2-WAY	619-308	LANE CLOSURE WITH FLAGGERS PRIOR TO INTERSECTION
00	96+50	N MAIN ST & N SEA MECOX RD INTERSECTION	NB LANE	2-LANE, 2-WAY	619-323	FLAGGING OPERATION AT INTERSECTION
00	100+00	N SEA MECOX RD	WB LANE	2-LANE, 2-WAY	619-308	LANE CLOSURE WITH FLAGGERS PRIOR TO INTERSECTION
00	103+75 (SV-05)	N SEA MECOX RD	WB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
75	105+75		SV-05		SEE DWG FXXXXXX	LANE CLOSURE WITH FLAGGERS
75	112+00	N SEA MECOX RD	WB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
00	116+00	N SEA MECOX RD	WB LANE	2-LANE, 2-WAY	619-308	LANE CLOSURE WITH FLAGGERS PRIOR TO INTERSECTION
00	119+75 (SV-06)	N SEA MECOX RD	WB LANE	2-LANE, 2-WAY	619-323	FLAGGING OPERATION AT INTERSECTION
75	123+25		SV-06		SEE DWGS FXXXX & FXXXX	ROAD CLOSURE AND DETOUR
25	133+00	DAVID WHITES LN	NB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
00	136+00	DAVID WHITES LN	NB LANE	2-LANE, 2-WAY	619-308	LANE CLOSURE WITH FLAGGERS PRIOR TO
00	140+75 (SV-07)	DAVID WHITES LN & EDGE OF WOODS RD	NB LANE	2-LANE, 2-WAY	619-323	INTERSECTION FLAGGING OPERATION AT INTERSECTION
75	143+00	INTERSECTION		·	SEE DWG FXXXXXX	LANE CLOSURE WITH FLAGGERS
00	147+00	EDGE OF WOODS RD	EB LANE	2-LANE, 2-WAY	LANE SHIFT	LANE SHIFT
00	152+00	EDGE OF WOODS RD	CENTER LINE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
00	160+00	EDGE OF WOODS RD	WB LANE	2-LANE, 2-WAY	LANE SHIFT	LANE SHIFT
00	164+00 (SV-08)	EDGE OF WOODS RD	EB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
00	166+00			· ·	SEE DWG FXXXXXX	LANE SHIFT
00	178+25 (SV-09)	EDGE OF WOODS RD	EB/WB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
25	180+25		SV-09	·	SEE DWGS FXXXX & FXXXX	ROAD CLOSURE AND DETOUR
25	185+00	EDGE OF WOODS RD	EB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
00	189+00	EDGE OF WOODS RD	EB LANE	2-LANE, 2-WAY	619-308	LANE CLOSURE WITH FLAGGERS PRIOR TO
00	192+00	EDGE OF WOODS RD & 7 PONDS TOWN RD	ACROSS INTERSECTION	2-LANE, 2-WAY	619-323	INTERSECTION FLAGGING OPERATION AT INTERSECTION
00	202+50 (SV-10)	INTERSECTION EDGE OF WOODS RD	EB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
50	204+50	252.51 110055115	SV-10		SEE DWGS FXXXX & FXXXX	ROAD CLOSURE AND DETOUR
50	204+30	EDGE OF WOODS RD	EB LANE	2-LANE, 2-WAY	619-308	LANE CLOSURE WITH FLAGGERS PRIOR TO
00	210+00	EDGE OF WOODS RD & WATERMILL TOWN RD	ACROSS INTERSECTION	2-LANE, 2-WAY	619-323	INTERSECTION FLAGGING OPERATION AT INTERSECTION
00	221+25 (SV-11)	INTERSECTION WATERMILL TOWN RD	EB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
25	224+00	WATERWILL TOWN RD	SV-11	2 LANE, 2-WAI	SEE DWGS FXXXX & FXXXX	ROAD CLOSURE AND DETOUR
	239+50	WATERMILL TOWN RD	EB LANE	2-LANE, 2-WAY	619-307	LANE CLOSURE WITH FLAGGERS
00	239+50	SUBSTATION	N/A	N/A	NO WZTC REQUIRED	N/A

TABLE 011-02: TAPER LENGTHS & NUMBER OF CONES CHART													
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)			SHOULDER TAPER LENGTH: L/3 (FT.)/ # OF SKIP LINES/# OF CHANNELIZING DEVICES FOR SHOULDER WIDTH										
, ,													
	4	5	6	7	8	9	10	11	12	<= 4 FT.	5-7 FT.	>= 8 FT.	
25	40/1/2	80/2/3	80/2/3	80/2/3	80/2/3	120/3/4	120/3/4	120/3/4	120/3/4	40/1/2	40/1/2	40/1/2	
30	80/2/3	80/2/3	80/2/3	120/3/4	120/3/4	160/4/5	160/4/5	160/4/5	200/5/6	40/1/2	40/1/2	40/1/2	
35	80/2/3	120/3/4	120/3/4	160/4/5	160/4/5	200/5/6	200/5/6	240/6/7	240/6/7	40/1/2	40/1/2	80/2/3	
40	120/3/4	160/4/5	160/4/5	200/5/6	240/6/7	240/6/7	280/7/8	320/8/9	320/8/9	40/1/2	80/2/3	80/2/3	
45	200/5/6	240/6/7	280/7/8	320/8/9	360/9/10	400/10/11	440/11/12	520/13/14	560/14/15	80/2/3	80/2/3	120/3/4	
50	200/5/6	240/6/7	320/8/9	360/9/10	400/10/11	440/11/12	520/13/14	560/14/15	600/15/16	80/2/3	120/3/4	160/4/5	
55	240/6/7	280/7/8	320/8/9	400/10/11	440/11/12	520/13/14	560/14/15	600/15/16	680/17/18	80/2/3	120/3/4	160/4/5	
60	240/6/7	320/8/9	360/9/10	440/11/12	480/12/13	560/14/15	560/14/15	600/15/16	680/17/18	80/2/3	120/3/4	160/4/5	
65	280/7/8	320/8/9	400/10/11	480/12/13	520/13/14	600/15/16	560/14/15	600/15/16	680/17/18	80/2/3	120/3/4	160/4/5	

TABLE 011-0 LONGITUDINAL BUFF	
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	DISTANCE (FT.)/ # OF SKIP LINES
25	155/4
30	200/5
35	250/6
40	305/8
45	360/9
50	425/11
55	495/13
60	645/16

TABLE 011-04: ROLL AHEAD DISTANCE FOR PROTECTIVE VEHICLES ROLL AHEAD DISTANCE 9FT.)/ # OF SKIP LINES FOR VEHICLES										
	MIN	MAX	MIN	MAX						
>= 55	200/5	280/7	120/3	200/5						
45-50	160/4	240/6	80/2	160/4						
<=40	120/3	200/5	40/1	120/3						

	ADVAN		011-06 NING SIGN	I SPACING			
	DISTA	NCE BETWEEN	SIGNS	SIGN LEGEND			
ROAD TYPE	A (FT.)	B (FT.)	C (FT.)	XX	YY		
URBAN (<= 30 MPH)	100	100	100	AHEAD	AHEAD		
URBAN (35-40 PMH)	200	200	200	AHEAD	AHEAD		
URBAN (>=45 MPH)	350	350	350	1000 FT.	AHEAD		
RURAL	500	500	500	1500 FT.	1000 FT.		
FREEWAY	1000	1500	2640	1 MILE	1/2 MILE		

APPROVED WITH CORRECTIONS AS NOTED PSEG Long Island

THIS APPROVAL SHALL NOT RELIEVE THE CONTRACTOR FROM ENTIRE RESPONSIBILITY FOR DIMENSIONAL ACCURACY, CONFORMANCE WITH REFERENCED SPECIFICATIONS, CODES AND ALL LIABILITY UNDER CONTRACT.

PER: _______
DATE: ______

TEMP. WZTC-03

																	DWG NO.	WZ10	5-05
																Long SOU	Island Power Author THAMPTON, NEW YOR	ity RK	
1																(9KV TRANSMISSION LINE		
#																SOUTHAMPTON SU	BSTATION - DEERFIE	LD SUBS	TATION
#							SSUE									WORK ZOI	NE TRAFFIC CONTROL	PLANS	
+			+														WZTC TABLES-01		
																	PSEG LONG 175 East Old Country Road Hicksville, New York	, ND	
1						KAGE		0 06,	/03/25	ORIGINAL ISSUE		KB	88	W,BLANCHARD P.E.	W.BLANCHARD P.E.	SCALE	VENDOR		
4						NAGE	N	NO. [DATE W	V.O.	DESCRIPTION	DWN BY	CKD BY	REVIEWED	APPD	NONE	DWG. NO.		
1						PROJ. NO. 154527	1									WZTC-03	SMART NO.		REVISION 000
₽	DATE	DESCRIPTION	DRAWN	REVIEW	APPR	1 1717' 111' 174751										WZ10-03			000
																SYSTEM GRID NUMBER		CABINET NO.	FOLDER NO.













































