

**SECTION VIEW**  
**TYPICAL MAINTENANCE AND PROTECTION OF TRAFFIC**  
**SCHEMATIC LAYOUT AT SPLICING CHAMBERS**  
 NOT TO SCALE

**NOTES**

THE FOLLOWING AREAS SHALL BE CONSIDERED COMMERCIAL/INDUSTRIAL AND THUS POTENTIALLY ELIGIBLE FOR NIGHT WORK SUBJECT TO APPROVAL BY THE GOVERNING AUTHORITIES:

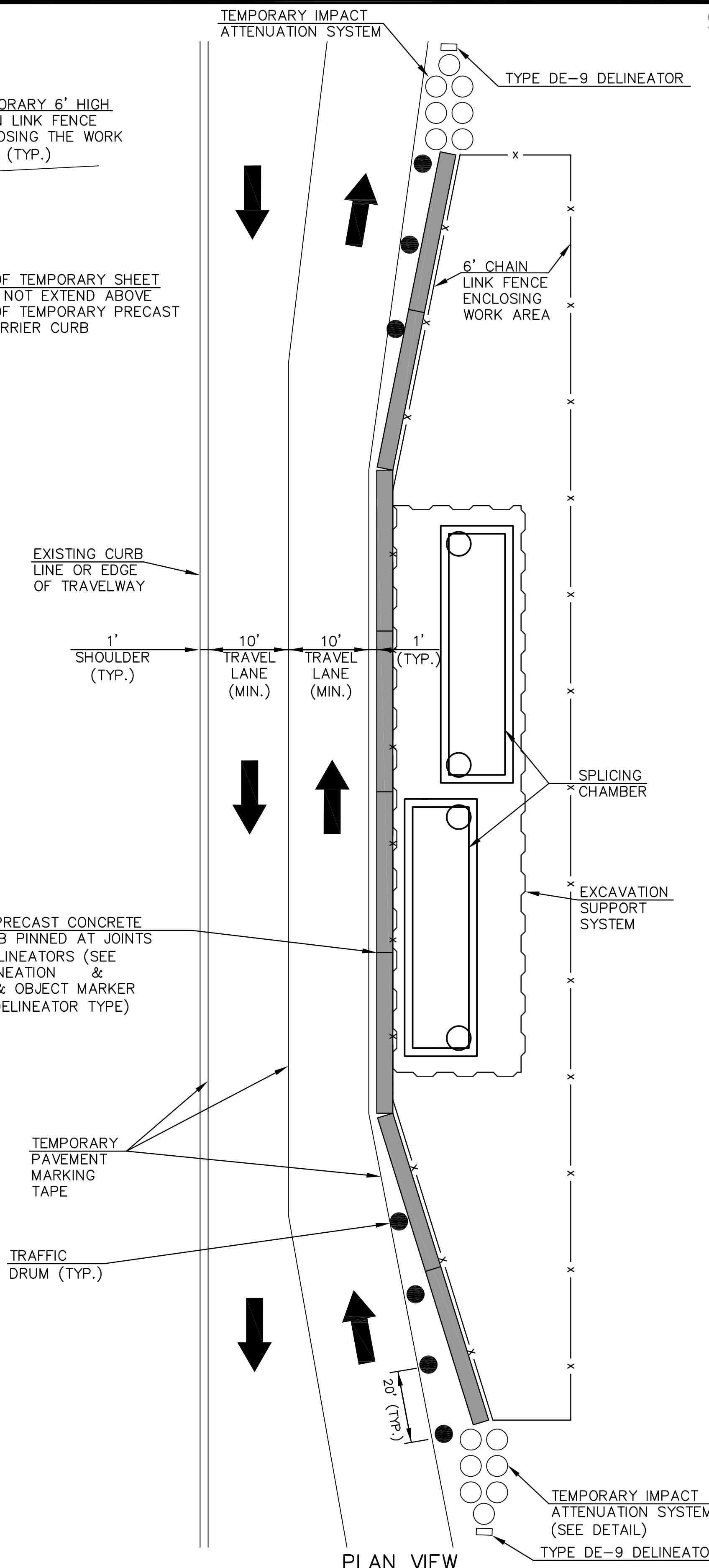
1. FERRY TERMINAL ROAD, RAILROAD CROSSING AND HARBOR YARD AREA. APPROXIMATE STATION 11+00 TO STATION 30+00.
2. SOUTH FRONTAGE ROAD, WATER STREET TO INTERMODAL PROPERTY, PEQUONNOCK RIVER CROSSING, NOBLE AVENUE TO EAST WASHINGTON AVENUE. APPROXIMATE STATION 30+00 TO STATION 72+00
3. BARNUM AVENUE FROM EAST MAIN STREET TO CENTRAL AVENUE. APPROXIMATE STATION 87+00 TO STATION 124+00
4. ROUTE 1 FROM BOSTON AVENUE TO THE DOCK SHOPPING PLAZA. APPROXIMATE STATION 183+00 TO STATION 296+00

ALL OTHER AREAS SHALL BE CONSIDERED "RESIDENTIAL". ROAD WORK TO BE LIMITED TO HOURS AS APPROVED BY THE REGULATING AUTHORITY (CONNDOT OR MUNICIPAL). FOR ALLOWABLE WORK HOURS SEE TRAFFIC MANAGEMENT PLANS.

MAINTENANCE OF ACCESS TO DRIVEWAYS SHALL BE AS STATED IN THE TRAFFIC MANAGEMENT PLAN SPECIFICATIONS.

**GENERAL NOTES (CONT.)**

26. ANY TEMPORARY SUPPORTS FOR TRAFFIC SIGNAL POLES MUST BE REVIEWED AND APPROVED BY CDOT PRIOR TO INSTALLATION.
27. ANY TIMING ADJUSTMENTS, TEMPORARY VEHICLE DETECTION AND SHIFTING OF SIGNAL HEADS OR OTHER SUCH TRAFFIC RELATED ACTIVITY SHALL FOLLOW THE "TEMPORARY SIGNALIZATION" AND OTHER TRAFFIC SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS.
28. THE LOCATIONS OF TEMPORARY SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS.
29. TEMPORARY SIGNS SHALL BE MOUNTED ON POSTS WHEN FEASIBLE.
30. THE LOCATIONS OF TRAFFIC DRUMS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS AND TO CLEARLY DEFINE ACCESS TO AND EGRESS FROM ALL ROADWAYS AND DRIVEWAYS.
31. ALL WORK ASSOCIATED WITH THE VAULTS AND WATER CROSSINGS SHALL CONFORM TO THE HOURLY LANE CLOSURE REQUIREMENTS AS SPECIFIED IN THE TRAFFIC MANAGEMENT PLAN.
32. THE CONTRACTOR SHALL INSTALL PROJECT SIGNS AT EACH END OF ALL CONSTRUCTION WORK ZONES. THE SIGN SHALL IDENTIFY THE WORK ZONE AS A UNITED ILLUMINATING COMPANY JOB SITE AND PROVIDE THE APPROPRIATE CONTACT INFORMATION.



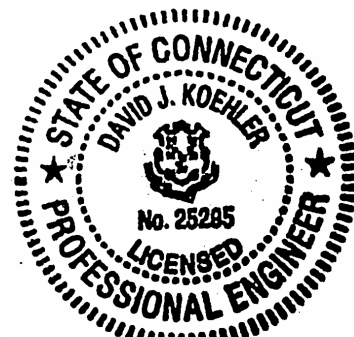
**PLAN VIEW**  
**TYPICAL MAINTENANCE AND PROTECTION OF TRAFFIC**  
**SCHEMATIC LAYOUT AT SPLICING CHAMBERS**  
 (SHOWN FOR ROADWAY WITH ONE LANE IN EACH DIRECTION)  
 NOT TO SCALE

**GENERAL NOTES**

1. LOCATIONS OF PHYSICAL FEATURES WERE DERIVED FROM PLANIMETRIC MAPPING INFORMATION.
2. THIS TRAFFIC MANAGEMENT PLAN IS FOR TRAFFIC CONTROL ONLY. THE ALIGNMENT SHOWN HEREON IS FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO CONSTRUCTION DRAWINGS FOR INSTALLATION DETAILS. THE CONTRACTOR SHALL FOLLOW ANY ADDITIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) GUIDELINES AND ALL FINAL PERMIT CONDITIONS ISSUED BY STATE AND LOCAL GOVERNING AUTHORITIES. REFER TO THE TRAFFIC MANAGEMENT PLAN SPECIFICATION IN ADDITION TO THESE DRAWINGS.
3. INDIVIDUAL TRAFFIC MANAGEMENT PLANS ARE NOT REQUIRED FOR SPLICING CHAMBERS NO. 1A/1B NO. 3A/3B, NO. 12A/12B AND NO. 18A/18B WHICH ARE OFF THE PUBLIC TRAVELWAY. AT THESE LOCATIONS THE CONTRACTOR SHALL FOLLOW THE TRAFFIC MANAGEMENT PLAN SPECIFICATIONS.
4. NO UNDERGROUND UTILITIES HAVE BEEN SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND FACILITIES WHICH MAY IMPACT CONSTRUCTION ACTIVITIES. THE CONTRACTOR WILL CONTACT CONNECTICUT CALL BEFORE YOU DIG AT 1-800-922-4455 TWO BUSINESS DAYS PRIOR TO CONSTRUCTION ACTIVITIES.
5. THE CONTRACTOR WILL NOTIFY THE POLICE, FIRE AND HIGHWAY DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF SETTING UP MAINTENANCE AND PROTECTION OF TRAFFIC.
6. A MINIMUM OF 24 HOURS ADVANCE NOTICE TO THE CONNECTICUT DEPARTMENT OF TRANSPORTATION AND THE CITY OF BRIDGEPORT ENGINEERING DEPARTMENT IS REQUIRED BEFORE IMPACTING CRITICAL INTERSECTIONS ON STATE AND LOCAL ROADS.
7. A TEN (10) DAY MINIMUM NOTICE TO THE CITY OF BRIDGEPORT PUBLIC FACILITIES IS REQUIRED FOR LOCAL ROAD DETOURS. FULL CLOSURES OF STATE ROADS WILL NOT BE ALLOWED.
8. THE CONTRACTOR WILL SUBMIT ANY REVISIONS TO THE PROPOSED MAINTENANCE AND PROTECTION OF TRAFFIC PLANS OR ANY OTHER TRAFFIC RELATED CHANGES TO CONNDOT (STATE ROADS) OR MUNICIPAL OFFICIALS (ON CITY ROADS) FOR REVIEW AND APPROVAL AT LEAST 30 DAYS PRIOR TO IMPLEMENTATION.
9. THE CONTRACTOR WILL NOTIFY EACH ABUTTER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OF ACCESS.
10. THE CONTRACTOR SHALL MAINTAIN AND PROTECT ALL PEDESTRIAN TRAFFIC AND ACCESS DURING CONSTRUCTION.
11. ALL CONES AND DRUMS WILL BE PLACED AND MOVED AS NECESSARY TO MAINTAIN ADEQUATE ABUTTER ACCESS AT ALL TIMES. WORK MAY REQUIRE ADDITIONAL SIGNS, CONES, DRUMS AND OTHER TRAFFIC CONTROL DEVICES, GRADING AND TEMPORARY PAVEMENT FOR PASSAGE OF PEDESTRIAN, VEHICULAR AND EMERGENCY TRAFFIC THROUGH THE WORK AREAS, BOTH DURING AND AFTER WORK HOURS.
12. ALL CONSTRUCTION SIGNING, CONES, DRUMS, BARRICADES, AND OTHER DEVICES SHALL CONFORM TO PART IV OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) MOST CURRENT EDITION AND REVISIONS.
13. THE CONTRACTOR SHALL ENSURE THE TEMPORARY SIGNS SHALL NOT OBSCURE ANY EXISTING TRAFFIC OR ANY OTHER SIGNS. TEMPORARY SIGNS SHALL BE MOUNTED ON POSTS WHEN FEASIBLE.
14. ALL CONES SHALL BE EQUIPPED WITH REFLECTORIZED WARNING TAPE. ALL CONES SHALL BE SET AT 20' O.C. (MAX.) UNLESS OTHERWISE NOTED OR ADJUSTED BY THE ENGINEER.
15. THE CONTRACTOR SHALL INSTALL, AS A PREVENTATIVE MEASURE, REPLACEMENT DETECTORS APPROVED BY THE RESPONSIBLE CITY ENGINEER OR CONNDOT DISTRICT ENGINEER, WHERE THE EXISTING ONES MAY BE DAMAGED DURING CONSTRUCTION OPERATIONS.
16. VEHICLE LOOP DETECTORS DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE REPLACED WITHIN 24 HOURS BY TEMPORARY VEHICLE DETECTION METHODS APPROVED BY THE RESPONSIBLE CITY ENGINEER OR CONNDOT DISTRICT ENGINEER, AS THE CASE MAY BE, AND SHALL BE MAINTAINED UNTIL FINAL RESTORATION IS COMPLETED.
17. THE CONTRACTOR SHALL MAINTAIN TRAFFIC SIGNAL OPERATIONS AT ALL TIMES. ALL NECESSARY MODIFICATIONS AND ADJUSTMENTS SHALL BE PAID FOR UNDER THE ITEM 1118062A "TEMPORARY SIGNALIZATION (ALL SITES)".
18. THE CONTRACTOR SHALL USE BLACK MASK PAVEMENT MARKING TAPE TO COVER EXISTING CONFLICTING PAVEMENT MARKINGS.
19. THE CONTRACTOR SHALL REPLACE PAVEMENT MARKINGS THAT ARE DAMAGED DURING CONSTRUCTION ACTIVITIES. FOR PERMANENT PAVEMENT MARKINGS, THE CONTRACTOR SHALL USE AN EPOXY RESIN MATERIAL AND FOR TEMPORARY PAVEMENT MARKINGS THE CONTRACTOR SHALL USE TEMPORARY PLASTIC PAVEMENT MARKING TAPE, ALL IN CONFORMANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES. FOR STATE ROADWAYS THE CONTRACTOR SHALL REFER TO CDOT STANDARD SPECIFICATIONS SECTION 12.10 AND 12.12 FOR PERMANENT AND TEMPORARY PAVEMENT MARKINGS.
20. THE CONTRACTOR SHALL TEMPORARILY RELOCATE, COVER OR REVISE ANY EXISTING SIGNS THAT ARE IN CONFLICT WITH TEMPORARY SIGNS OR ARE IMPACTED DURING CONSTRUCTION. ONCE CONSTRUCTION HAS BEEN COMPLETED, THE CONTRACTOR SHALL RE-INSTALL THE SIGNS TO THEIR ORIGINAL LOCATIONS. ANY SIGNS AND SUPPORTS DAMAGED DURING CONSTRUCTION MUST BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL CHARGE.
21. THE CONTRACTOR SHALL FOLLOW THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION GUIDELINES TITLED "TRAFFIC CONTROL DURING MAINTENANCE OPERATIONS" AND THE TYPICAL MAINTENANCE TRAFFIC CONTROL PLANS.
22. TRAFFIC WILL BE RESTORED TO EXISTING TRAFFIC PATTERNS AFTER WORK HAS BEEN COMPLETED DURING EACH ALLOWABLE PERIOD.
23. ALL NON-ESSENTIAL TEMPORARY CONSTRUCTION TRAFFIC CONTROL DEVICES WILL BE COVERED OR REMOVED DURING NON-WORKING HOURS.
24. THE CONTRACTORS CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT SIGHT LINES AT INTERSECTING ROADWAYS AND DRIVES.
25. THE CONTRACTOR SHALL NOT LEAVE CONSTRUCTION MATERIALS OR EQUIPMENT ON THE STATE AND MUNICIPAL STREET RIGHT OF WAY DURING NON-WORKING HOURS.

**CONSTRUCTION SET**

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CONNECTICUT.  
 SIGNED: *David J. Koehn*  
 DATE: 3-16-07 REG. NO.: 25295



**Luchs**  
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**BLACK & VEATCH**

PROJECT NO. 136745

DRAWN -  
 DESIGNED -  
 APPROVED -  
 CHECKED -

No.	Date	Revision	By	Chkd.	Engr.	Supv.
9	3/16/2007	REVISED PER CONNDOT COMMENTS	RJN	-	DD	-
8	3/08/2007	ISSUED FOR PERMIT APPROVAL	RJN	-	DD	-
7	1/24/2007	REVISED PER CONNDOT COMMENTS	RJN	-	DD	-
6	8/25/2006	ISSUED FOR CONSTRUCTION	EJM	-	ASM	-
5	8/16/2006	ISSUED FOR CLIENT REVIEW	RJN	-	DD	-
4	5/19/2006	ISSUED FOR CONSTRUCTION (FOR REVIEW)	RJN	-	DD	-
3	5/12/2006	REVISED PER 90% CONNDOT COMMENTS	RJN	-	DD	-
2	2/27/2006	REVISED PER BRIDGEPORT AND STRATFORD COMMENTS	RJN	-	DD	-
1	12/22/2005	REVISED FOR TRAFFIC REVIEW	RJN	-	DD	-

**ui**  
 The United Illuminating Company  
 157 Church St. New Haven, Ct. 06506

Drawn: \_\_\_\_\_ Date: \_\_\_\_\_ Scale: \_\_\_\_\_  
 Chkd.: \_\_\_\_\_ Design Engr.: \_\_\_\_\_ Design Supv.: \_\_\_\_\_

MIDDLETOWN-NORWALK PROJECT  
 345KV UG TRANSMISSION LINE  
 MAINTENANCE & PROTECTION OF TRAFFIC  
 GENERAL NOTES & TYPICAL DETAILS

CAD FILE NAME: 24214-950 SEQUENCE No.: \_\_\_\_\_ DRAWING NUMBER: 24214-950