

**PROJECT LIMITS**  
 The Beginning and Ending of the State Project. Utility work may occur outside the State Project limit:  
 1. Where Utility work is adjacent to the Project the Utility Plan should also extend to the Utility work limit.  
 2. Off site Utility work should be shown on the Key Map with the appropriate location description in the Utility text.

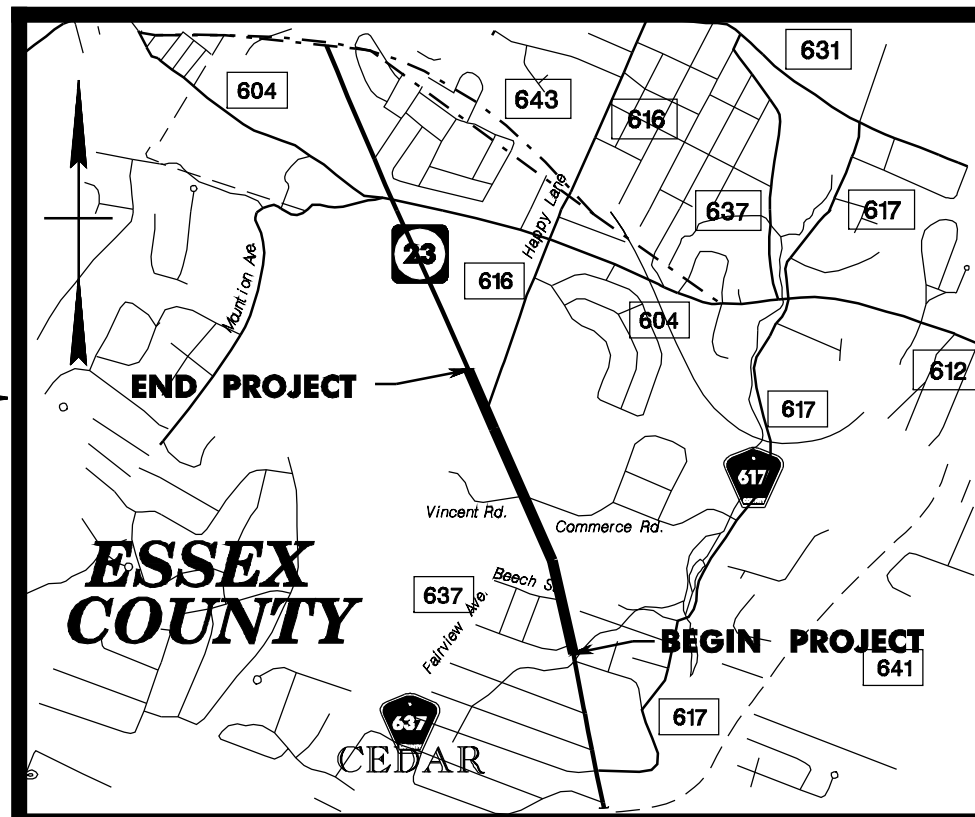
**UTILITY WORK ITEMS**  
 Numbered leaders and dimension lines are used to indicate the limit of Utility work items. Facilities shall be colored in accordance with the color legend.

**PLAN SCALE**  
 Plan Scale shall be selected so that facilities may be clearly shown on the least number of plan sheets (one sheet utility plan is preferred as shown below)

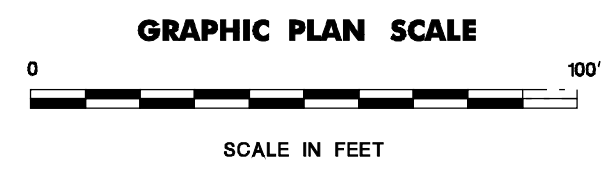
**TOPOGRAPHY**  
 Proposed Facilities  
 Existing Facilities  
 R.O.W. Lines  
 Utility Parcels & Parcel Number  
 Utility Easements & Parcel Number  
 Base Lines  
 Stationing  
 Proposed Curb Lines  
 Existing Curb Lines  
 Intersecting Streets & Ramps

**FEATURES AFFECTING THE UTILITY:**  
 Drainage  
 Sign Structures  
 Structures  
 Traffic Signals  
 Guide Rail  
 Manholes  
 Other Utilities

**KEY MAP**  
 Used for the location of Project Site relative to the overall boundaries in which the Utility Owner operates. The Key Map may also be used to indicate off site work.



**BEGIN PROJECT**  
 RTE. 23 B.L. STA. 3+00



**END PROJECT**  
 RT. 23 B.L. STA. 14+00

**EXISTING FACILITIES**  
 List the Utility's existing facilities within the Project. Type of facility aerial and/or underground:  
**AERIAL** - Level of service (Transmission, Primary, Secondary, Distribution, Trunk, Subscriber, Etc.)  
**UNDERGROUND** - Type and size (6" Steel Gas Main, 12" CLDIP Mains, Duct Bank, Direct Buried Cable, 130V Pipe Cable, Etc.)

Existing Facilities  
 Aerial Primary and Secondary  
 Underground Primary

**MATCH LINE B.L. STA. 7+80**

**COORDINATION / OPERATIONS**  
 General notes establish the relationship between the Utility Owner, State and State's contractor or for performing the Utility work outlined in the Utility plan, clearly indicating prerequisites, stipulations and conditions associated with the Utility work.  
 General notes concerning Utility work are edited and included in the specifications special provisions.

**TRAFFIC CONTROL**  
 Indicate hours of work and lane restrictions in accordance with the Project Traffic Control Plans.

**TRAFFIC CONTROL**

(A) ROUTE 23 NORTH AND SOUTH (TWO TRAVEL LANES EACH DIRECTION)  
 ALL LANES MAINTAINED (EACH DIRECTION)  
 MONDAY THRU THURSDAY 6:00AM TO 9:00AM AND 3:00PM TO 6:00PM  
 FRIDAY 6:00AM TO 9:00AM AND 3:00PM TO 10:00PM  
 SATURDAY 9:00AM TO 10:00PM  
 SUNDAY 9:00AM TO 9:00PM  
 ONE LANE MAINTAINED (EACH DIRECTION)  
 MONDAY THRU THURSDAY 9:00AM TO 3:00PM AND 8:00PM TO 6:00AM (NEXT DAY)  
 FRIDAY 9:00AM TO 3:00PM AND 10:00PM TO 9:00AM (SATURDAY)  
 SATURDAY 10:00PM TO 9:00AM (SUNDAY)  
 SUNDAY 9:00PM TO 6:00AM (MONDAY)

(B) NO LANE CLOSURES WILL BE PERMITTED ON THE FOLLOWING HOLIDAYS:  
 EASTER SUNDAY  
 MEMORIAL DAY  
 JULY 4th  
 LABOR DAY  
 ELECTION DAY (6:00AM UNTIL 6:00PM THE DAY OF)  
 THANKSGIVING DAY  
 CHRISTMAS DAY  
 NEW YEAR'S DAY

(C) TRAFFIC OPERATION-NORTH (973-770-5110) MUST BE NOTIFIED AT LEAST 72 HOURS PRIOR TO ANY LANE CLOSURES AND ONE WEEK PRIOR TO ANY RAMP CLOSURES BEING PERFORMED.

- GENERAL NOTES:**
- THE STATE'S CONTRACTOR WILL PROVIDE THE UTILITY WITH NOTICES CALLED FOR IN THE SCHEDULES.
  - THE STATE'S CONTRACTOR WILL PROVIDE THE UTILITY WITH SURVEY CONTROL. THE STATE'S CONTRACTOR AND THE UTILITY SHALL JOINTLY VERIFY THE LOCATION OF THE FACILITIES PRIOR TO INSTALLATION.
  - POLES SHALL BE PLACED AS CLOSE TO THE RIGHT-OF-WAY AS PRACTICAL. A MINIMUM OF 18" FROM FACE OF CURB TO FACE OF POLE.
  - UTILITY SCHEDULES ARE ESTIMATED TIME FRAMES FOR THIS UTILITY OWNER ONLY AND DO NOT INCLUDE WORK PERFORMED BY OTHER UTILITY OWNERS SHARING JOINT FACILITIES.
  - UTILITY SCHEDULES ARE BASED ON THE PROJECT TRAFFIC CONTROL AND STAGING PLAN FOR EACH UTILITY MOBILIZATION. UTILITY SERVICE DEMANDS, FIELD AND WEATHER CONDITIONS MAY ALTER THESE SCHEDULES. STATE (CONTRACTOR) CHANGES TO THE TRAFFIC CONTROL AND STAGING PLAN REQUIRE REESTABLISHING UTILITY SCHEDULES.
  - WHERE JOINT FACILITIES ARE PROPOSED, THE UTILITY SHALL COORDINATE ITS WORK WITH THE JOINT OWNERS.
  - EXISTING FACILITIES CAN ONLY BE REMOVED AFTER THE RELOCATED FACILITIES HAVE BEEN INSTALLED AND ARE IN OPERATION.
  - DISTANCES, STATIONS, OFFSETS, LENGTHS OR UNITS ON THE UTILITY PLAN ARE APPROXIMATE (PLUS OR MINUS).

**WORK PERFORMED BY STATE (CONTRACTOR)**

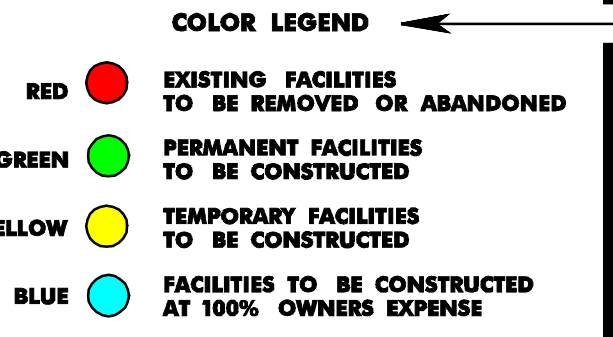
- ROUTE 23 STA. 11+40.25 RT. (RISER POLE #612303) TO STA. 13+80.20 RT. (RISER POLE #612306). INSTALL DUCT BANK (9-5" CONDUITS, CEMENT ENCASED) AND 3 MANHOLES.  
 SCHEDULE: INCLUDED IN STATE CONTRACTOR'S OVERALL CONSTRUCTION OPERATIONS OF THE PROJECT.  
 NOTES:  
 a. UTILITY WILL SUPPLY MANHOLES AND CONDUIT. STATE CONTRACTOR SHALL SUPPLY CONCRETE ENCASEMENT. (ITEM 6)  
 b. THE STATE'S CONSTRUCTION PLANS, SPECIFICATIONS AND SPECIAL PROVISIONS SECTION 622 FOR THE PROJECT INDICATE THIS WORK.

**WORK PERFORMED BY UTILITY**

- ROUTE 23 STA. 9+20.80 LT. (POLE #60157C0) TO STA. 11+60.10 LT. (POLE #60162). INSTALL 6 POLES, AERIAL PRIMARY AND SECONDARY CABLES.  
 SCHEDULE: 2 & 3 UTILITY REQUIRES 4 WEEKS NOTICE AND 30 WORKING DAYS TO COMPLETE.  
 NOTES:  
 a. POLES CAN NOT BE INSTALLED UNTIL CONTRACTOR'S GRADING OPERATIONS AND TREE TRIMMING IS COMPLETE.  
 b. POLES TO BE REMOVED BY OTHERS.
- COMMERCE ROAD STA. 21+65.00 RT. (POLE #61350C0). INSTALL 1 POLE AND TRANSFER EXISTING AERIAL FACILITIES.
- COMMERCE ROAD STA. 21+50.00 RT. (POLE #61350C0). REMOVE ABANDONED POLE.

**WORK PERFORMED BY UTILITY (Cont.)**

- ROUTE 23 STA. 11+40.25 RT. (RISER POLE #612303) TO STA. 13+80.20 RT. (RISER POLE #612306). SUPPLY 3 MANHOLES AND CONDUIT (9 PVC DUCTS) AND 8 RISER DUCTS FOR INSTALLATION AND CONCRETE ENCASEMENT BY THE STATE'S CONTRACTOR. (ITEM 1)  
 SCHEDULE: UTILITY REQUIRES 6 WEEKS NOTICE TO PROVIDE MATERIALS AND AN INSPECTOR TO THE PROJECT SITE.
- ROUTE 23 STA. 11+40.25 RT. (RISER POLE #612303) TO STA. 13+80.20 RT. (RISER POLE #612306). INSTALL PRIMARY UNDERGROUND.
- ROUTE 23 STA. 11+40.25 RT. (RISER POLE #612303) TO STA. 13+80.20 RT. (RISER POLE #612306). REMOVE ABANDONED FACILITIES.  
 SCHEDULE: 7 & 8 UTILITY REQUIRES 4 WEEKS NOTICE AND 5 WORKING DAYS TO COMPLETE.  
 NOTE: DUCT BANK MUST BE COMPLETED BEFORE 7 CAN BEGIN.
- ROUTE 23 STA. 6+75.00 LT. (POLE #60149) TO STA. 9+40.00 LT. (POLE #60157C0). INSTALL 6 POLES, AERIAL PRIMARY AND SECONDARY CABLES.
- ROUTE 23 STA. 6+75.00 LT. (POLE #60149) TO STA. 9+40.00 LT. (POLE #60157C0). REMOVE ABANDONED FACILITIES.  
 SCHEDULE: 9 & 10 UTILITY REQUIRES 4 WEEKS NOTICE AND 20 WORKING DAYS TO COMPLETE.



**LEGEND**  
 Color code used to depict type of Utility work

**NEW JERSEY DEPARTMENT OF TRANSPORTATION**

**UTILITY AGREEMENT PLAN**  
 ROUTE 23 SECTION 1C  
 CEDAR GROVE TOWNSHIP ESSEX COUNTY  
 PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
 UECA-1-23 - 960261  
 ATTACHMENT FOR UAM NO. 1  
 SCALE : AS INDICATED DATE: JULY, 2008 1

**TITLE BLOCK**  
 Project Description  
 Project Location  
 Type of Facility  
 Name of Utility Owner  
 Utility Agreement Number (UECA, PJA, RRA, Etc.)  
 Attachment to Utility Agreement Modification Number (UAM)  
 Scale Indicated, Date of Plan and Sheet Number of Total Sheets

NOTE: The Title Block shall be approved by the Utility Engineer

**FOLDING OF PLANS**  
 FOLD UTILITY PLAN TO PRODUCE A 8 1/2" X 11" CONFIGURATION WITH TITLE BLOCK SHOWING.

**UTILITY WORK DESCRIPTION SHOULD BE CLEAR AND CONCISE. THE TEXT SHALL PROVIDE THE FOLLOWING:**

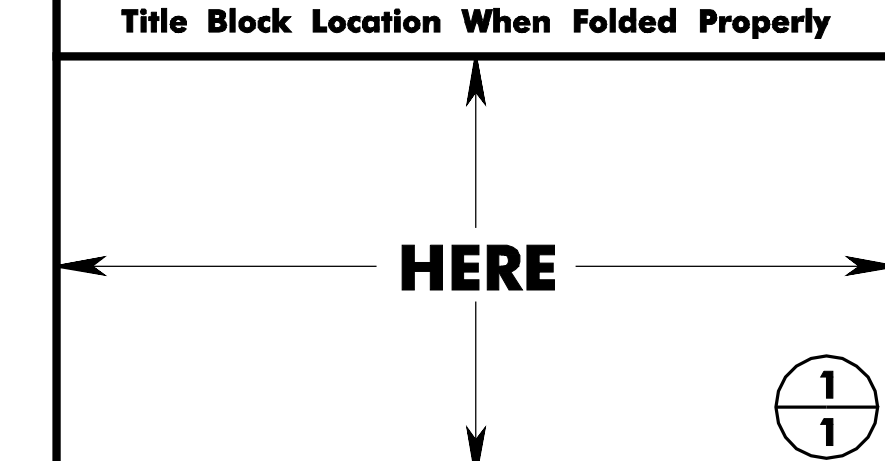
**WHO** - Work Performed By Utility.  
 Work Performed By State (Contractor).

**WHERE** - The location of Utility Work Item shall be described by the Highway stationing and utility fixture so that both the Highway Engineer and the Utility Engineer understand the limits of the item of work.  
 (Highway - station baseline offset)  
 (Utility - pole number, manhole number, valve, fire hydrant, intersecting street, etc.)

**WHAT** - Utility Fixture such as: poles, wires, duct banks, manholes, mains, valves, fire hydrants, etc.  
 The level of service should be indicated in the descriptions such as: transmission, primary, secondary, trunk line, force main, etc.

**WHEN** - Schedule: Utility requires \_\_\_ weeks notice and \_\_\_ working days to complete. (Schedules are established for each Utility mobilization based on the traffic control, staging and ability of the Utility to complete the work item)

**HOW** - Notes describing Contractor or Utility work which must be completed before Utility Items of Work can begin. (Clearing of site, grading, etc.)



# Sample Utility Agreement Plan