



STATE OF DELAWARE  
DEPARTMENT OF TRANSPORTATION  
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**VIA WEBSITE POSTING**

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October 7, 2015

Contract No. T200504110  
Federal Aid Project No. ESTP-N54(04)  
HSIP NCC, N54, Howell School Road, SR 896 TO SR 71  
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 1 for the referenced contract consisting of the following:

1. The Utility Statement has been revised, to include pages 2, 4, 6, 8, 10 & 12. The Statement contains a total of thirteen (13) pages.

Please note the revision listed above and submit your bid based upon this information.

Sincerely,

*signature on file*

James H. Hoagland  
Contract Services Administrator

:jhh  
Enclosure

UTILITY STATEMENT  
State Contract No. T200504110  
Project ID No. 04-00161  
N54, Howell School Road from SR 896 to SR 71  
New Castle County, Delaware  
June 30, 2015

The following utility companies maintain facilities within the project limits:

<b>Artesian Water Company, Inc.</b>	<b>Water</b>
<b>Comcast Cable</b>	<b>Communications</b>
<b>Delaware State Highway Department</b>	<b>Communications/ITMS</b>
<b>Delmarva Power</b>	<b>Electric</b>
<b>Delmarva Power</b>	<b>Gas</b>
<b>Eastern Shore Natural Gas Company</b>	<b>Gas</b>
<b>New Castle County – Special Services</b>	<b>Sanitary Sewer</b>
<b>Verizon of Delaware, Inc.</b>	<b>Telephone</b>

The following is a breakdown of the utilities involved, adjustments and/or relocations as required (all station counts, offsets, lengths, working days and calendar days are approximate):

**Artesian Water Company, Inc (Water)**

Artesian Water Company (Artesian) maintains the following facilities within the project limits:

1. Artesian maintains an underground 12" DIP water line that runs from beyond the project limits along the North side of Denny Road to the intersection of Denny Road and SR 896, and then crosses beneath SR 896 at approximately Station 435+45 and is protected by a 287' long 20" steel casing. The line terminates on the East side of SR 896 at approximately Station 115+10, left.
2. Artesian maintains a 16" DIP water main on the East side of Northbound SR 896 that begins at approximately Station 435+25 and extends North beyond the project limits.
3. There is an existing 12" DIP water main that begins on the East side of SR 896 at Station 438+60 and continues East into the Meadow Glen Subdivision along the North side of Sweet Hollow Drive and extends to Meadow Glen Drive.
4. There is an existing 8" DIP main that enters into the project site from the North along the West side of Meadow Glen Drive. Artesian maintains a 20' easement within Parcel 2-R that borders Parcel 3-R to the East. The easement encompasses the existing 8" DIP main. This main crosses Proposed Howell School Road at Station 124+60, then continues South and intersects Existing Howell School Road at Station 910+25 and is protected by a 26' long, 16" steel casing.
5. Artesian maintains an 8" DIP water main from the connection with the main at Station 910+25 and runs East along the South side of Existing Howell School Road and terminates at the water valve prior to the water service meter pit at Station 135+00. Artesian's ownership of the water supply feeding Lums Pond State Park terminates at this location. All water facilities extending from and including the water service meter pit into the state park is privately owned and not maintained by Artesian.

## UTILITY STATEMENT

6. Artesian maintains a 2" DIP main that runs perpendicular to Howell School Road at approximately Station 172+40. This main changes to a 4" DIP main within a 10' wide easement that runs between properties to the North into the Caravel Woods Subdivision.

### Phase 1

Artesian performed the following advance adjustments and/or relocations (Phase 1 during Summer/Fall 2014) to its existing facilities. Artesian work described below was performed in advance of the State's Contract and clearing, grubbing, maintenance of traffic, select borrow, restoration and stabilization was provided and performed by Artesian's Contractor:

1. Installed 12" DIP and associated bends from 115+12 to 115+55 left to extend 12" DIP main on the eastern side of SR896.
2. Installed 20" DIP and associated bends from Sta. 433+35 to 436+50 right.
3. Installed permanent blow-off and valves at Sta. 433+50 right.
4. Installed 20"x16" reducer at Sta. 436+40 right and install 16" DIP and associated bends to tie in to 16" DIP main at Sta. 437+15 right.

Artesian properly purged and sealed existing water mains within the project limits that were abandoned as a result of the advanced relocations. Artesian pulled all valve boxes on valves and blow offs that were to be abandoned. Existing mains were taken out of service after the new mains were installed and activated with services tied over. Abandonment in place will occur after relocation work is completed.

### Phase 2 - A

Artesian Water Company proposes the following adjustments and/or relocations to its existing facilities to be completed concurrently with the State's Contract. Artesian assumes that all clearing, grubbing and select borrow will be performed by the State's Contractor. Artesian will utilize the state's Contractor's Maintenance of Traffic configuration wherever possible. All adjustments or relocations shall be performed so that there are no unnecessary disruptions of services.

1. Adjust water valve at Station 115+55 left.
2. Adjust water valve at Station 115+15 left.
3. Adjust water valve, fire hydrant and blow off valve at Station 115+37 right.
4. Remove existing 90 degree bend at Station 124+59 left. Install 126' of 8" DIP across proposed Howell School Road in 75' of 16" steel casing tie-ing in to the existing 8" DIP at Station 124+59 right.
5. Tie into existing 8" DIP at station 132+86 right and install 216' of 8" DIP under the proposed multi-use path to Station 134+90 right. Install water valve at end of main for connection with private facilities to be relocated by DeIDOT for Lums Pond State Park.
6. Adjust water valve at Station 438+75 right.
7. Adjust water valve at Station 443+15 right.
8. Artesian will properly purge and seal 400' of existing water mains within the project limits that are to be abandoned as a result of the relocations. Artesian will pull valve boxes on all valves and blow offs that are to be abandoned.
9. Install new fire hydrant assembly at existing hydrant tee at Sta. 433+50.
10. Artesian has requested 131 CY of Select Borrow to complete the work.

## UTILITY STATEMENT

### **Phase 2 – B**

Phase 2-B includes work to be performed by the contractor, to install water service to the Lums Pond State Park, inclusive of a water meter vault. The contractor shall install water service beginning at the water valve at Station 134+05, 49' RT., and continuing to the water meter vault as shown on the plans. The meter vault shall be installed according to the following criteria:

- The meter vault provided by the contractor shall meet the Artesian standards.
- The contractor shall coordinate the transfer of water service with Artesian.
- No water valve or other control device on the existing Artesian water system shall be operated for any purpose by the contractor. Contractor shall coordinate with the Artesian Inspector so that all existing system devices are operated by the proper water company forces.
- The meter vault shall be installed according to the plans, details and specifications included in the contract documents.

All materials necessary to complete this work shall be paid under the project contractor item 614508 – Watermain and Accessories, as directed by the engineer.

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### **Comcast Cable (Communications)**

Comcast Cable maintains overhead coaxial cable facilities within the limits of the project. Comcast also maintains Fiber-Optic facilities on poles within the project limits. The aerial fiber-optic facilities are located on existing Delmarva poles along Howell School Road, Denny Road, and SR 896. Existing Comcast aerial facilities on Delmarva poles will be relocated to the proposed pole locations shown on the construction plans.

Comcast will abandon an existing fiber optic cable and install a proposed fiber optic cable along the same alignment along the east side of Robert Peoples Boulevard from riser pole 43730/37094 on the south side of Howell School Road to the north project limit along at Robert Peoples Boulevard. An existing vault will be abandoned.

Comcast will complete these changes. These relocations/adjustments are expected to take approximately 21 calendar days to complete after Comcast has been given a minimum of 28 calendar days advance notice that work shall begin and the right-of-way and proposed work has been laid out in the field by the State's contractor and that Delmarva Power has completed their necessary work.

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### **Delaware State Highway Department (Communications/ITMS)**

DelDOT maintains underground ITMS Cable along the Southbound SR 896 corridor from beyond project limits extending South to Station 429+35. The ITMS line crosses SR 896 and intersects an existing ITMS line that runs along the shoulder along Northbound SR 896. At this intersection the ITMS line extends East along Howell School Road. The line terminates in a junction well at Station 135+75 right. As part of this project DelDOT requested that the ITMS line be extended from this junction well. The proposed ITMS line extends east along the Southern side of Howell

## UTILITY STATEMENT

School Road and ultimately terminates at Station 187+00. DelDOT has also requested an additional ITMS line connection along relocated Howell School Road, from station 113+50 RT. to 132+50 RT., where it will join the existing ITMS line.

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### **Delmarva Power Distribution (Electric)**

Delmarva Power Distribution (Delmarva) maintains aerial and underground distribution electric facilities within the project limits:

1. Delmarva maintains a 3 Phase 25 kV aerial pole line that runs from beyond the project limits along the South side of Denny Road to the intersection of Denny Road and SR 896. This aerial line extends across SR 896 to Delmarva utility pole DP&L 37085 at Station 434+28.
2. Delmarva maintains a 3 Phase 25 kV aerial pole line that runs on the West side of Southbound SR 896 from Station 427+00 to Station 440+40 and beyond the project limits.
3. Delmarva maintains a 3 Phase 25 kV aerial pole line on the East side of Northbound SR 896 that runs North to South beyond the project limits.
4. Delmarva maintains a 1 Phase 25 kV underground electric line that runs along the North side of Sweet Hollow Drive into the Meadow Glen Community.
5. Delmarva Power maintains a 1 Phase 25 kV underground electric line that runs along the Eastern and Western sides of Meadow Glen Drive.
6. Along the South side of Howell School Road, Delmarva maintains a 3 Phase 25 kV aerial line that runs from SR 896 to beyond the project limits to the East. This aerial line feeds power to several residential properties and communities along the corridor.
7. At the Lums Pond State Park entrance, from Station 137+00 to Station 138+00, Delmarva maintains a 3 Phase 25 kV underground electric line.
8. Delmarva maintains a 3 Phase 25 kV aerial line that crosses Howell School Road to the North from DP&L 43543-37071 at Station 146+75 to an unknown DP&L pole that continues underground to a residence on the North side of Howell School Road.
9. Delmarva owns a substation within Parcel 13-R on the South side of Howell School Road. Two (2) 3 Phase 25 kV underground lines extend from the substation, one (1) line extends from Station 157+00 and feeds DP&L 43638-37082 and the other line extends from Station 158+75 and feeds to DP&L 43658-37085.
10. Delmarva maintains aerial line at Station 157+00 on the South side of Howell School Road that runs from DP&L 43642-37083 to DP&L 43643-37079 extending South along Parcel 13-R beyond the project limits. The aerial line also runs from DP&L 43642-37083 to DP&L 13842-2 and continues South underground along the West side of Parcel 13-R beyond the project limits.
11. Delmarva maintains an aerial line that crosses Howell School Road at Station 164+00 and extends North to an unknown pole and continues North beyond the project limits.
12. Delmarva maintains a 3 Phase 25 kV underground line within the center median at the entrance to Caravel Woods Subdivision.
13. Along the East side of Robert Peoples Boulevard, Delmarva maintains 3 Phase 25 kV underground line.

Delmarva Power proposes the following adjustments and/or relocations to its existing facilities. All adjustments or relocations shall be performed so that there are no unnecessary disruptions of services.

## UTILITY STATEMENT

1. Relocate Delmarva utility pole DP&L 43134-37081 at Station at 107+90 right 34 Feet and relocate aerial line from DP&L 43146-37081. Install new utility pole and guy wire at Station 108+84 right and attach aerial line from relocated utility pole DP&L 43134-37081. Relocate Delmarva Utility pole DP&L 43179-37082 to Station 110+40 right 61 Feet and aerial line from proposed utility pole at Station 108+84 right 48 Feet.
2. Relocate existing aerial lines, utility poles, and associated guy wires along the Southbound side of SR 896 and at the intersection of Denny Road/SR 896/Proposed Howell School Road as shown on the Construction Plans at the following locations; Station 111+60 left, Station 111+98 right 74 Feet and Station 433+00 left. The guy wire existing location and relocation area will only be cleared. No grubbing will occur.
3. Relocate existing aerial lines, utility poles, and associated guy wires along the Northbound side of SR 896 and at the intersection of Denny Road/SR 896/Proposed Howell School Road as shown on the Construction Plans at the following locations; Station 433+00 right, Station 434+25 right, Station 436+10 right, Station 437+50 right, Station 438+85 right, Station 442+00 right, Station 440+50 right, Station 444+00 right and Station 444+50 right.
4. At Sweet Hollow drive, the relocated lines shall connect into the existing 1 Phase 25 kV underground lines running on the North and South sides of the existing road. Delmarva will install 2-4" PVC ducts under the proposed cul-de-sac.
5. There are no anticipated relocations or adjustments needed for the existing 1 Phase 25 kV underground electric lines running along the East and West sides of Meadow Glen drive.
6. Between Station 132+00 and Station 149+00, Delmarva will relocate the 3 Phase 25 kV aerial line along with associated utility poles and guy wires as shown on the Construction Plans. The relocations will occur at the following locations; Station 134+00 right, Station 135+80 right, Station 138+00 right, Station 140+10 right, Station 141+75 right, Station 143+35 right, Station 145+10 right, Station 147+00 right, and Station 148+90 right. In line with above relocations, install proposed utility poles as shown on construction plans at Station 132+00 left and Station 141+75 left.
7. At the Lums Pond State Park entrance, the 3 Phase 25 kV underground electric line and associated electric box will be relocated between Station 137+50 and Station 138+00 to tie into the relocated utility pole at Station 138+00.
8. Delmarva will relocate utility poles and associated aerial and underground lines crossing Howell School Road at Station 146+75 as shown on the construction plans at Station 146+65 left.
9. Delmarva will relocate and/or adjust two (2) 3 Phase 25 kV underground lines feeding into the Delmarva Power Substation on the South side of Howell School Road at Station 156+85 right.
10. Delmarva will relocate DP&L 43638-37082 and DP&L 43642-37083 and associated aerial line running to DP&L 43643-37079 and DP&L 13842-2 on the South side of Howell School Road.
11. Delmarva will relocate aerial connections from residencies on Parcels 18-R and 19-R, along with utility pole DP&L 43710-37092 at Station 163+75 right and an unknown DP&L pole at Station 164+60 left with connecting 1 Phase 25 kV aerial line.
12. There are no anticipated relocations or adjustments needed for the 3 Phase 25 kV underground line within the center median at the entrance to Caravel Woods Subdivision.

Delmarva Power will supply and install proposed lighting as shown on the plans, and execute the lighting agreement through the tariff system with the Department.

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Delmarva Power will complete this work. These relocations/adjustments are expected to take approximately 175 calendar days to complete after Delmarva Power has been given a minimum of 28 days advance notice that work shall begin and the right-of-way and proposed work has been laid out in the field by the State's Contractor, clearing and grubbing has been performed, cuts and fills have been completed to within one foot of final grades and the relocations have been made accessible. Delmarva Power's lead time for cable and associated materials is approximately 16-23 weeks.

**For the location of the underground facilities, please contact Miss Utility at (800) 282-8555. House Bill # 326 requires contractors/other utilities to call Delmarva Power or other parent electric company for any work surrounding aerial lines that are 600 volts and higher. All contractors/other utilities must also maintain a distance of at least 20'-0" from the energized 138 or 230 kV lines. The Contractor shall note that 16 Delaware Code, Chapter 74B §7405B requires notification to and mutually agreeable measures from the public utility from any person intending to carry on any function, activity, work or operation within dangerous proximity of any high voltage overhead lines.**

Delmarva Power requires contractors/other utilities to call Delmarva Power or other parent electric company for any work surrounding aerial lines that are 600 volts or higher. All contractors/other utilities must also maintain a distance of 10'-0" from all energized lines up to a voltage of 34 kV.

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### **Delmarva Power Distribution (Gas)**

Delmarva Power (Gas) maintains the following 2", 4", 6" and 8" plastic high-pressure mains and 12" steel transmission pressure mains within the project limits. Also there are a number of services within the project. The existing mains reside in the grass area outside the travel way of the existing road and in the shoulder of the roadway.

1. Delmarva maintains a 6" STP and an 8" PHP that run along the North side of Denny Road extending beyond the project limits to the intersection of Denny Road/SR 896/Proposed Howell School Road and terminate at Station 115+25 left.
2. Delmarva maintains parallel 8" PHP and 12" STP gas lines on the East side of Northbound SR 896. The 8" PHP extends North and South beyond the project limits. The 12" STP begins at approximately Station 434+85 and extends North beyond the project limits.
3. Delmarva maintains 2" PHP lines that run East along the North and South sides of Sweet Hollow Drive.
4. Delmarva maintains two (2) parallel 2" PHP lines that run along the East and West sides of Meadow Glen Drive into the Meadow Glen Community.
5. Delmarva maintains an 8" PHP gas line that runs along the South side of Howell School Road from SR 896 to Station 145+00. The gas line is protected by concrete casing at Stations 905+50 to 906+00, 134+00 to 135+50 right, and 136+00 to 137+00 right. At Station 145+00 the line crosses to the North under Howell School Road and extends along the North side of Howell School Road beyond the project limits.
6. Delmarva maintains a 2" PHP gas line that extends to the South along the West side of Lums Pond Main Entrance at Station 136+00.

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7. Delmarva maintains a 6" PHP gas line that extends to the North along the East side of Robert Peoples Boulevard at Station 165+75.

The following adjustments are required for the existing Delmarva Power Distribution facilities. All gas main locations and depths are approximate and locations and depths shall be verified in the field prior to construction.

1. Adjust two (2) vents and gas valve at the intersection of SR 896 and Proposed Howell School Road at Station 115+25 left.
2. Adjust two (2) gas valves at Station 115+25 right. Adjust gas line at Station 432+00 right. Adjust gas valve at Station 438+00 right. Adjust gas valve at Station 439+00 right.
3. Adjust gas line on the South side of Sweet Hollow Drive.
4. There are no anticipated relocations or adjustments needed for the 2" PHP line that runs along the East and West sides of Meadow Glen Drive into the Meadow Glen Community.
5. The Company proposes to offset the existing 8" plastic high pressure gas main on Howell School Road at STA 135+50 to STA 137+50, STA 138+75, STA 141+92 and STA 144+96 offset right. This work will take 75 working days to complete and require 140 cubic yards of select. If the State requires Delmarva to move the existing gas main out of future paving in this area the relocation will be from STA 135+50 to STA 144+92 (a distance of 942') offset right. This work will take 60 calendar days to complete and require 300 cubic yards of select. The Company proposes to offset the existing 8" plastic high pressure gas main at STA 146+48 offset left. This work will take 15 calendar days to complete and require 20 cubic yards of select. The Company proposes to offset the existing 8" plastic high pressure gas main at STA 165+71 and STA 166+50 offset left. This work will take 30 calendar days to complete and require 40 cubic yards of select. If the State requires Delmarva to move the existing gas main out of the future paving in this area the relocation will be from STA 163+50 to STA 166+75 offset left. This work will take 45 calendar days to complete and will require 120 cubic yards of select. Relocate gas meter at Station 134+00 right.
6. Adjust gas valve at Station 31+15 left.
7. Adjust gas valve at Station 165+75 left.

Delmarva will complete these changes. The installation and relocation work will take a total of 120 calendar days if work occurs between April 1 and November 1. If the installation work is to occur outside of this time frame, 60 extra calendar days will be needed to account for reduced productivity during inclement weather. Also the addition of any time restrictions on this project will add 30 more days to the utility statement. The total amount of select required is 200 cubic yards.

Work on individual installation efforts within this project must be continuous without crew holdups or work stoppages. The existing mains will be abandoned in place after the new mains are installed and activated with services tied over. The abandonment will take place after the relocation work is completed. Work can start after notification, clearing and grubbing, rough grading and survey layout has been completed.

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### **Eastern Shore Natural Gas Company (Gas)**

Eastern Shore Natural Gas Company maintains one existing 8" steel gas main that runs along the East side of Northbound SR 896 (Summit Bridge Road) and extends beyond the project limits to

## UTILITY STATEMENT

the North and South. There are no anticipated relocations required for the existing 8" steel gas line that Eastern Shore Natural Gas Company maintains along SR 896.

Requirements while near Eastern Shore's Pipeline:

Note: These requirements are general in nature and not specific. These requirements are not intended to be all-inclusive. Actual field conditions may change the requirements. Contractor should consult with their engineer prior to initiating construction and abide by all Federal, State, and Local rules and regulations.

Please coordinate construction activity with your assigned line locator according to the general guidelines below. Your line locator can help determine if additional contacts are required with Eastern Shore Engineering Department before start of excavation activity.

1. It shall be the contractor's responsibility to use the Miss Utility One Call System.
2. It shall be the contractor's responsibility to contact and coordinate with Eastern Shore before starting any construction above or near the pipeline. Eastern Shore may elect to have standby personnel on the job site during construction activity.
3. It shall be the contractor's responsibility to contact and coordinate with Eastern Shore before moving heavy equipment above or near the pipeline. Eastern Shore may require extra cover, berm or ramp, timber mats, etc. These measures are to be determined by Eastern Shore depending on field conditions.
4. If the pipeline is exposed and suspended, it shall be the responsibility of the contractor to coordinate with Eastern Shore the appropriate supporting measures. These measures are to be determined by Eastern Shore depending on field conditions.
5. If the pipeline is exposed, it shall be the responsibility of the contractor to protect the pipeline from construction activity and the traveling public.
6. A minimum clearance of 12" shall be maintained between Eastern Shore's pipeline and other underground utilities and structures. If this cannot be maintained, Eastern Shore shall determine an appropriate means of protection to the pipeline.

IN EVENT OF PIPELINE EMERGENCY CALL ESNG 24 HOUR GAS CONTROL  
CENTER 302.734.6720

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### **New Castle County (Sanitary Sewer)**

New Castle County (Sanitary Sewer) maintains the following facilities within the project limits:

1. The County maintains an 8" PVC line that runs along the North side of Denny Road from beyond the project limits and extends through the intersection of SR 896 at Station 115+25 left.
2. The County maintains an 8" PVC and 12" PVC force main that start at Station 111+25 left and run under Denny Road and continue along the West side of Southbound SR896 to Station 429+90 left.
3. The County maintains an 8" PVC and 12" PVC force main that run under SR 896 at Station 429+90 and continue along the North side of Existing Howell School Road until Station 909+25. The 12" PVC force main continues running East along the North side of Existing Howell School Road until Station 133+50, where it crosses under Howell School Road.

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This line extends East on the South side of Howell School Road, until Station 141+75, where it crosses to the North side of Howell School Road. This line then continues running East along the North side of Howell School Road until it terminates at an existing pump station at approximately Station 146+15.

4. The County maintains an 8" PVC line that begins at a manhole at SR 896 Station 435+60 right and runs South along the East side of Northbound SR 896 to Station 429+75 right.
5. The County maintains an additional 8" PVC force main that begins at Station 901+50 left and extends East along the North side of Existing Howell School Road until Station 135+15, where it crosses under Howell School Road then continues East along the South side of Howell School Road. This line crosses back to the North side of Howell School Road at Station 141+90 and then runs East along the North side of Howell School Road until it terminates at an existing pump station at approximately Station 146+15.
6. The County maintains 6" force main that extends from Caravel Woods Subdivision on the West side of Robert Peoples Boulevard and runs East under Howell School Road to an existing pumping station on the West side of Howell School Road, at Station 180+50.
7. Extending from the pumping station at Station 180+50 the County maintains a 4" force main that runs East on the North side of Howell School Road, extending beyond the project limits.

The following adjustments and/or relocations are required for the existing county facilities. All adjustments or relocations shall be performed so that there are no unnecessary disruptions of services:

1. Adjust manhole at Station 115+25 left.
2. There are no anticipated relocations or adjustments needed for the 8" PVC or 12" PVC line in this location. The 8" and 12" force mains must remain in service during the relocation described in section three below. The 8" force main can be redirected into 12" force main during the relocation work and the 12" force main can be redirected into the 8" force main to manage flow for work on each pipeline. Install isolation valve in 12" force main west of 896 prior to relocation work.
3. Adjust sewer manholes at the following Stations along this run as shown on the construction plans; Station 917+25 left, Station 133+50 left, Station 133+50 right, Station 141+90 left, Station 143+15 left, Station 145+55 left, and Station 146+20 left. Adjust sewer line between Stations 142+00 and 143+00 left. Adjust sewer vents as shown on the construction plans at Station 143+60 left and Station 143+80 left. The 8" and 12" force mains will be relocated at the proposed culvert crossing at Sta. 135+25. The relocation will be relocated according to the plans and special provisions included for this work. The existing force main shall be encased at the following inlet locations: Station 137+70 right; 138+91 right; 138+96 right and 140+16 right, at the inlets constructed above the force main.
4. Adjust sewer manholes at Stations 432+00 Right and 435+60 right.
5. Adjust sewer manholes at the following Stations along this run as shown on the construction plans; Station 901+50 right, Station 917+25 left, Station 135+15 right, Station 137+10 right, Station 138+25 right, Station 146+05 left. Adjust sewer vent at Station 141+90 right.
6. Adjust sewer manhole at Station 163+75 right.
7. There are no anticipated relocations or adjustments needed for the 4" PVC line in this location.

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All installations, adjustments and relocations to New Castle County's existing and proposed facilities will be done by the State's Contractor in accordance with the Standard Details and Standard Specifications of New Castle County and as shown in the contract documents. The Contractor shall contact New Castle County Dept. of Special Services at 302-395-5756 five (5) calendar days prior to any relocation work beginning. The Contractor shall determine the number of days required and show that in the CPM schedule. The force-main relocation at station 135+25 is expected to take 24 calendar days. The work is not considered complete until accepted by New Castle County.

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### **Verizon of Delaware, Inc. (Telephone)**

Verizon of Delaware Inc. maintains the following aerial facilities within the project limits:

1. Verizon maintains aerial facilities on the south side of Denny Road extending from the project limit on the west to and across the intersection with SR 896. (Sheets 19, 20)
2. Verizon maintains aerial facilities on the west side of SR 896 extending from DP&L #43202-37120 at Station 438+17 L south to DP&L #43217-37010 at Station 427+12 L and crossing over SR 896 to DP&L #43241-37011. (Sheets 20, 30, 31)
3. Verizon maintains aerial facilities on the east side of SR 896 extending from the project limit on the north to the project limit on the south. (Sheets 20, 30, 31)
4. Verizon maintains aerial facilities on the south side of Howell School Road extending from the SR 896 intersection to the project limit on the east. (Sheets 22 - 30)

Verizon of Delaware Inc. maintains the following underground facilities within the project limits:

1. Verizon maintains underground facilities crossing Denny Road at Station 108+46 between a manhole and the existing DP&L pole. (Sheet 19)
2. Verizon maintains buried facilities from DP&L #43352-37059 at Station 138+05 R extending south along the Lums Pond entrance to the project limit. (Sheet 23)
3. Verizon maintains buried facilities from DP&L #43749-37097 at Station 167+85 R extending north across Howell School Road to the project limit. (Sheet 26)
4. Verizon maintains buried facilities from DP&L #43730-37094 at Station 165+90 R extending north across Howell School Road to the project limit. (Sheet 26)
5. Verizon maintains buried facilities from DP&L #43225-37133 at Station 438+85 R extending east on Sweet Hollow Road to the project limit. (Sheet 31)
6. Verizon maintains buried facilities from DP&L #43223-37148 at Station 440+50 R east to a customer location. (Sheet 31)

Verizon of Delaware Inc. proposed changes to the aerial facilities include but are not limited to:

1. Verizon will transfer aerial facilities to the relocated DP&L poles on the south side of Denny Road. Anchors and guys will be placed as necessary. (Sheets 19, 20)
2. Verizon will transfer aerial facilities to the relocated DP&L poles on the west side of SR 896 from the intersection with Denny Road to DP&L #43211-37049 at Station 430+90 L. Anchors and guys will be placed as necessary. (Sheets 20, 30)

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3. Verizon will transfer aerial facilities to the relocated DP&L poles on the east side of SR 896 between DP&L #43219-37179 at Station 444+00 and DP&L #43234-37073. Anchors and guys will be placed as necessary. (Sheets 20, 31)
4. Verizon will transfer aerial facilities to the relocated DP&L poles on the south side of Howell School Road from DP&L #43394-37052 at Station 917+20 to DP&L #43927-37118 at Station 186+00. Anchors and guys will be placed as necessary. (Sheets 22 - 29)

Verizon of Delaware Inc. proposed changes to the underground facilities include but are not limited to:

1. Verizon will extend spare conduit at Station 108+46 R to two new DP&L pole locations. (Sheet 19) and relocate associated facilities.
2. Verizon will relocate buried cables at DP&L #43352-37059 (Station 138+05 R – Sheet 23), DP&L #43749-37097 (Station 167+85 R – Sheet 26), DP&L #43730-37094 (Station 165+90 R – Sheet 26), DP&L #43225-37133 (Station 438+85 R – Sheet 31), and DP&L #43223-37148 (Station 440+50 R – Sheet 31).

Verizon of Delaware Inc. will complete these changes. These relocations/adjustments are expected to take approximately 60 calendar days to complete after the company has been given a minimum of 45 calendar days advance notice that work shall begin and the right-of-way and proposed work has been laid out in the field by the State's contractor and required tree trimming and clearing has been performed. Verizon relocations would begin after DP&L has completed their work.

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### **GENERAL NOTES:**

1. If utility work is being performed in advance of the project, all bidders are to determine the extent of completion of the advanced utility work, and predicated their bid prices on the extent of utility work completed and anticipated to be completed prior to the start of construction.
2. The Utility Company's forces will perform any additional relocations/adjustments that may be necessary during construction of the project. The time to complete any additional relocations/adjustments will depend upon the nature of the work, the required advance notice to the Utility Company, the need for the State's Contractor to stake out the right-of-way or proposed work, and any work that needs to be done by the State's Contractor in advance of the utility relocation/adjustment.
3. The Contractor's attention is directed to Section 105.09 Utilities, Delaware Standard Specifications, August 2001. The Contractor shall contact Miss Utility (1-800-282-8555) two working days prior to any excavation, but not more than ten working days in advance of starting the work. The Contractor is responsible for the support and protection of all utilities for excavation and/or demolition. The Contractor is responsible for ensuring proper clearances, including safety clearances from overhead utilities for construction equipment. The Contractor is advised to check the site for access purposes for his equipment and, if necessary, make arrangements directly with utility companies for field adjustments for adequate clearances.

## UTILITY STATEMENT

4. It is understood and agreed that the Contractor has considered in his bid all permanent and temporary utility appurtenances in their present or relocated positions as shown on the plans or described in the Utility Statement and/or are readily discernible and that no additional compensation will be allowed for any delays, inconvenience, or damage sustained by him/her to any interference from the utility facilities and appurtenances or the operation of moving them, except that the Contractor may be granted an equitable extension of time.
5. The State's Contractor is responsible for rough grading as required by the roadway construction prior to the utility companies placing their proposed facilities, unless otherwise indicated on the plans and/or outlined elsewhere in the Contract Documents.
6. The Contractor shall follow all requirements of the Delaware Code, Title 26, Chapter 8. Underground Utility Damage Prevention And Safety. Chapter 8 includes, among other requirements, Section 806. Duties of Excavators which contains the requirement for the Contractor to excavate prudently and carefully and to take all reasonable steps necessary to properly protect, support and backfill underground utility lines. This protection shall include but may not be limited to, hand digging within the limits of the planned excavation or demolition, starting 2 feet of either side of the extremities of the underground utility line for other than parallel type excavations and at reasonable distances along the line of excavation for parallel type excavations.
7. The Contractor shall note that the Delaware Code, Chapter 74B, Section 7405B requires notification to and mutually agreeable measures from the public utility for any person intending to carry on any function, activity work or operation within dangerous proximity of any high voltage overhead lines.
8. As outlined in Chapter 3 of the DeIDOT Utilities Manual, individual utility companies are responsible for obtaining all required permits from Municipal, State and Federal Government Agencies and Railroads. This includes but is not limited to water quality permits/DNREC Water Quality Certification, DNREC Subaqueous Lands/Wetlands permits, DNREC Coastal Zone Consistency Certification, County Floodplain permits (New Castle County only), U.S. Coast Guard permits, US Army Corps 404 permits, sediment and erosion permits, and railroad crossing permits.
9. Individual utility companies are required to restore any areas disturbed in conjunction with their relocation work. If an area is disturbed by a utility company and is not properly restored, the Department may have the highway contractor perform the necessary restoration. Any additional costs incurred as a result will be forwarded to the utility company.

NOTE: Coordination and cooperation among the Utility Companies and the State's Contractor are of prime importance. Therefore, the Contractor is directed to contact the following Utility Company Representatives with any questions in regard to this work prior to submitting bids and work schedules. Proposed work schedules should reflect the Utility Companies' proposed relocations.

UTILITY STATEMENT

**UTILITY CONTACT LIST:**

Mr. Carmen Hunter	Artesian Water Company	302-453-7153
Mr. Ken Stronski	Comcast Cable	302-661-4435
Ms. Silvana Croope	Delaware State Highway Department	302-659-4606
Mr. Angel Collazo	Delmarva Power Electric	302-454-4370
Mr. Ted Waugh	Delmarva Power Gas	302-429-3706
Mr. Jason Woody	Eastern Shore Natural Gas Company	302-734-6710
Mr. Daniel C. Netta	New Castle County - Sewer	302-395-5817
Mr. George Zang	Verizon of Delaware, Inc.	302-422-1238

The information shown in the Contract Documents, including this Utility Statement, concerning the location, type and size of existing and proposed utility locations and timing has been compiled by the Preparer based on information furnished by each of the involved Utility Companies. It shall be the responsibility of the State's Contractor to verify all information and coordinate with the Utility Companies prior to and during construction, as specified in section 105.09 of the standard specifications.

**Prepared and Recommended by:**

  
PENNONI ASSOCIATES, Terry K. Foester, PE

6/30/15  
DATE

**Approved as to form by**

  
Utilities Section, DelDOT

7/1/15  
DATE