

UTILITY WORK SCHEDULE Rev 08 02 2016

CTDOT Project Number:	098-101	Town:	North Branford
Project Description: Rt 80 (Foxon Rd) Bridge replacement			
CTDOT Utilities Engineer: Sohrab Afrazi			
Phone:	860-594-3262	Email:	sohrab.afrazi@ct.gov
Utility Company: Frontier Communications			
Prepared By:	M. Limauro	Date Prepared:	5/31/2017
Phone:	203-771-3110	Email:	marino.a.limauro@ftr.com

Scope of Work

The following is a description of all utility work planned to be completed in conjunction with the CTDOT project. The narrative describes all work to be carried out by the utility or its contractor, including temporary and permanent work required by the project as well as any additional utility infrastructure work the utility intends on performing within the project limits during the construction of the project.

State DOT Project #098-101, Pole line relocation State Rt 80 (Foxon Rd), North Branford, CT, Bridge reconstruction. Temporary relocation will be required for stage 1, with permanent reconstruction for stage 2. All right of way of easements (if required) will be provided by Conn DOT. The DOT or it's contractor will provide all grades and must be within 6", property lines, taking lines, curb lines and sidewalks must be clearly marked in the field, the work area must be free of all obstructions (material, equipment, ect...) 24 hour access is required without work hour restrictions. The DOT inspector will verify pole locations, any tree trimming must be complete prior to setting poles. When the relocation of any private sighs, lights, or underground services is required they must be completed prior to the start of construction. Frontier will schedule it's construction as its workload permits, the DOT will schedule other utilities attached to the pole line (Power Co., CATV, etc... and all State or Municipal owned cables or fixtures). Some circuits require after hours turndowns, Frontier reserves the right to work overtime. Removal of existing poles and aerial cables will be completed once relocation of all utilities is complete and has been verified. The State Contractor is responsible to support, protect, and maintain all utilities; holding of poles is not part of this estimate and is billable.

Special Considerations and Constraints

The following describes the limiting factors that must be planned for in the scheduling and performance of the utility work. For example, restrictions on cut-overs, outages, limitations on customer service interruptions (e.g. nights, weekends, holidays), seasonal and environmental shutdown periods, long lead material procurements, etc..

Customer notification cannot begin until all new cables have been placed, spliced and tested, this process for cutting over active circuits can take up to 8 to 12 weeks (cutovers will take place during off hours) overtime will be required, this is a requirement for both stage 1 and stage 2 relocations. Please note that any time frame given, Start time, Duration of work can be affected by the DOT contractor, other utilities, permit applications (State or Municipality, if required), changes in scope of work, inclement weather, storm recovery, Frontier's workload, holidays and other emergency situations. This is a forecast of construction day required and is not intended to be a schedule.

UTILITY WORK SCHEDULE Rev 3/2015

CTDOT Project Number: 098-101

Utility Company: Frontier Communications

Prepared By: M. Limauro

Total Working Days: 30

Schedule

The following schedule identifies each major activity of utility work in sequential order to be performed by the utility or its contractor. The location of each activity of work is identified by the baseline stationing on the CTDOT plans. All activities identify the predecessor activity which must be completed before a utility work activity may progress. The duration provided is the number of working days required to complete the utility work activity based on historical information and production rates.

Location (Station to Station)	Description of Utility Work Activity	Predecessor Activity	Duration (working days)
5+00 TO 8+00	Place (3) temporary FTR poles and anchors.		5
3+00 TO 9+00	Place (2) temporary cables.	All utilities must have completed their relocation work.	4
3+00 TO 9+00	Relocate (2) fiber cables to temporary poles.		8
3+00 TO 9+00	Splice in temporary cables and cut out old cables.	All working lines must be cutover. See notes on Scope of Work in regards to	6
3+00 TO 9+00	Remove old cables and guying		5
5+00 TO 8+00	Remove (3) old poles and anchors		2

UTILITY WORK SCHEDULE Rev 3/2015

CTDOT Project Number: 098-101

Utility Company: Frontier Communications

Prepared By: M. Limauro

Total Working Days: 30

Schedule

The following schedule identifies each major activity of utility work in sequential order to be performed by the utility or its contractor. The location of each activity of work is identified by the baseline stationing on the CTDOT plans. All activities identify the predecessor activity which must be completed before a utility work activity may progress. The duration provided is the number of working days required to complete the utility work activity based on historical information and production rates.

Location (Station to Station)	Description of Utility Work Activity	Predecessor Activity	Duration (working days)
5+00 TO 8+00	Place (3) permanent poles and anchors	All bridge work completed. Elevation to be within 6" of final grade.	5
3+00 TO 9+00	Place (2) permanent cables and guying	All utilities must have completed their relocation work.	4
3+00 TO 9+00	Relocate (2) fiber cables to permanent poles.		8
3+00 TO 9+00	Splice in permanent cables and cut out temporary cables.	All working lines must be cutover. See notes on Scope of Work in regards to	6
3+00 TO 9+00	Remove temporary cables and guying.		5
5+00 TO 8+00	Remove (3) temporary poles and anchors.		2

UTILITY WORK SCHEDULE Rev 3/2015

CTDOT Project Number: 98-101 Town: NORTH BRANFORD

Project Description: REPLACEMENT OF BRIDGE NO. 01127

CTDOT Utilities Engineer: DEREK BROWN

Phone: (860)594-2555 Email: derek.brown@ct.gov

Utility Company: LIGHTTOWER FIBER NETWORKS

Prepared By: TERENCE J SHEA Date Prepared:

Phone: (203)649-3905 Email: tshea@lighttower.com

Scope of Work

The following is a description of all utility work planned to be completed in conjunction with the CTDOT project. The narrative describes all work to be carried out by the utility or its contractor, including temporary and permanent work required by the project as well as any additional utility infrastructure work the utility intends on performing within the project limits during the construction of the project.

LIGHTTOWER'S WORK WILL CONSIST OF SHIFTING A 96 FIBER CABLE TO NEW POLE LINE IN PHASE 1 OF THIS PROJECT. THIS WILL REQUIRE THE PLACEMENT OF STRAND ON TH NEW POLE LINE AND SHIFTING THE CABLE TO THE NEW STRAND. IN PHASE 2 THE CABLE WILL BE SHIFTED BACK TO FINAL POLE LOCATIONS.

Special Considerations and Constraints

The following describes the limiting factors that must be planned for in the scheduling and performance of the utility work. For example, restrictions on cut-overs, outages, limitations on customer service interruptions (e.g. nights, weekends, holidays), seasonal and environmental shutdown periods, long lead material procurements, etc..

PLEASE NOTE THAT ANY TIME FRAME GIVEN AS A START TIME OR DURATION OF WORK CAN BE AFFECTED BY MANY FACTORS INCLUDING, BUT NOT LIMITED TO, MAKE READY WORK, OTHER UTILITIES, PERMIT APPLICATIONS, CHANGES IN SCOPE, INCLEMENT WEATHER, HOLIDAYS AND EMERGENCY SITUATIONS.

rev. 5/20/2013

UTILITY WORK SCHEDULE

CTDOT Project Number:	98-101	Town:	North Branford
Project Description:	Replacement of Bridge #01127 (Foxon Rd. Rte 80 over The Farm River)		
CTDOT Utilities Engineer:	Derek J Brown		
Phone:	860-594-2555	Email:	Derek.Brown @ct.gov
Utility Company:	Southern Connecticut gas Co.		
Prepared By:	Jim McCullough	Date Prepared:	4/16/2017
Phone:	203-795-7790	Email:	JMCullough@soconngas.com

Scope of Work

The following is a description of all utility work planned to be completed in conjunction with the CTDOT project. The narrative describes all work to be carried out by the utility or its contractor, including temporary and permanent work required by the project as well as any additional utility infrastructure work the utility intends on performing within the project limits during the construction of the project.

Install valves at either side of bridge to allow for isolated controll of gas main on bridge and temporary bridge structure. (shut-down required) Install temporary gas main on temporary bridge. Close valves on either side of bridge and abandon old gas main on old bridge to be demolished. Tie-in temporary gas main on temporary bridge and open valves on either side of bridge. Gas out main on temporary bridge and activate. Install gas main on new permanent bridge. Close valves on either side of bridge and abandon temporary gas main on temporary bridge. Tie-in new gas main on permanent bridge and open valves on either side of bridge. Gas out permanent main on new bridge and activate. Job Complete.

Special Considerations and Constraints

The following describes the limiting factors that must be planned for in the scheduling and performance of the utility work. For example, restrictions on cut-overs, outages, limitations on customer service interruptions (e.g. nights, weekends, holidays), seasonal and environmental shutdown periods, long lead material procurements, etc..

Rte. 80 is a major East- West feed in the SCG system. The shutdown timing for this job must be planned well in advance to allow SCG to plan the timing of other necessary shutdowns that will affect pressure and feed in the area.

UTILITY WORK SCHEDULE

CTDOT Project Number: 98-101

Utility Company: Southern Connecticut Gas Co.

Prepared By: Jim McCullough

Total Calendar Days: 17

Schedule

The following schedule identifies each major activity of utility work in sequential order to be performed by the utility or its contractor. The location of each activity of work is identified by the baseline stationing on the CTDOT plans. All activities identify the predecessor activity which must be completed before a utility work activity may progress. The duration provided is the number of calendar days required to complete the utility work activity based on historical information and production rates.

Location (Station to Station)	Description of Utility Work Activity	Predecessor Activity	Duration (calendar days)
various	Excavate 4 test holes over gas main to determine location and depth	none	1
5+20 and 6+15	Cut in control valves at either side of bridge. Gas main shutdown required.	none	4
2+90 to 3+75	Install temporary 8" steel gas main on temporary bridge and align tie-ins. (approx. 90')	none	5
2+85 and 3+75	Tie-in gas main on temporary bridge and abandon old gas main on old bridge. (shutdown required)	none	1
5+25 to 6+09	Install permanent 8" steel gas main on permanent bridge and align tie-ins. (approx. 90')	none	5
5+25 and 6+09	Tie-in gas main on permanent bridge and abandon gas main on temp. bridge. (shutdown required)	none	1

rev. 5/20/2013

UTILITY WORK SCHEDULE

CTDOT Project Number: 98-101 Town: North Branford

Project Description: Bridge 1127 on Foxon Rd

CTDOT Utilities Engineer: Latoya Smith

Phone: (860) 594-2533 Email: latoya.smith@ct.gov

Utility Company: United Illuminating

Prepared By: Fred Arnold Date Prepared: 5/26/2017

Phone: 203-499-3922 Email: fred.arnold@uinet.com

Scope of Work

The following is a description of all utility work planned to be completed in conjunction with the CTDOT project. The narrative describes all work to be carried out by the utility or its contractor, including temporary and permanent work required by the project as well as any additional utility infrastructure work the utility intends on performing within the project limits during the construction of the project.

According to the UI utility plans, submitted we are going to install 1 poles and shift conductor on to new Frontier pole line. There is no temporary work in the current design. There are no outages assume for the completion of work.

Special Considerations and Constraints

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Due to the business services, cutovers may require outages during non business hours. The estimate assumes that we have the labor resouces are availabe. Any guying require will be allowed by business and residential customers is assumed. All Frontier poles have been place and tree and brush removal has been competed.

