STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION

Subject:

Standardized Practice for

Illustrating Test Pit Data Developed by the Best Practice/Lessons Learned

Group

Memorandum

Date:

August 27, 2012

To: Timothy M. Wilson

Scott A. Hill Chuck S. Harlow From:

James H. Norman

Engineering Administrator Bureau of Engineering and

Construction

In order to better serve the Department of Transportation's (Department) interest, the Best Practice/Lessons Learned Group has reviewed the current utility test pit information and established a standardized practice for illustrating this data.

Effective immediately, the Department's designers and consultant engineers shall be required to develop a test data table to be shown on the plan sheets (see sample table on attached sheet), reflecting the list of utility test data received for the project. The test pit information shall be in a tabular form on the plan sheets with corresponding specific and detailed information on the cross section sheets. The components of the test pit data table shall be the baseline stations and coordinates for all test pits. Labeling of various types of subsurface utilities shall be shown in the utility test pit data table. A standardized symbol has been adopted and shall be shown in a plan legend to identify the locations of the test pits. The standardized symbol is a square divided into four parts with two shaded diagonal boxes (example:). The listed test pit information shall provide all parties with relevant information to minimize conflicts during the construction phase of a project.

The Group also evaluated the process and need for the adequate allocation of funding for test pits under the Preliminary Engineering Phase of projects. The findings and recommendation of the Group are that prior to submitting the Test Pit Data Request to Robert Baron of Central Surveys, the Project Manager/Project Engineer will approximate the number of test pits required for the project, at a cost of \$1,500 per test pit, and ensure that this cost has been accounted for under the Preliminary Engineering Phase.

If you have any questions, please contact Sohrab Afrazi at extension 3262.

Attachments

Sohrab Afrazi:mab

cc: Thomas A. Harley - Jennifer Trio

James H. Norman

James A. Fallon - Sohrab Afrazi - Andrzej Mysliwiec - Michael G. Piteo

James P. Connery - Anthony Kwentoh

Hugh Hayward

William W. Britnell - Scott Bushee

Mary Baier - Jan Mazeau

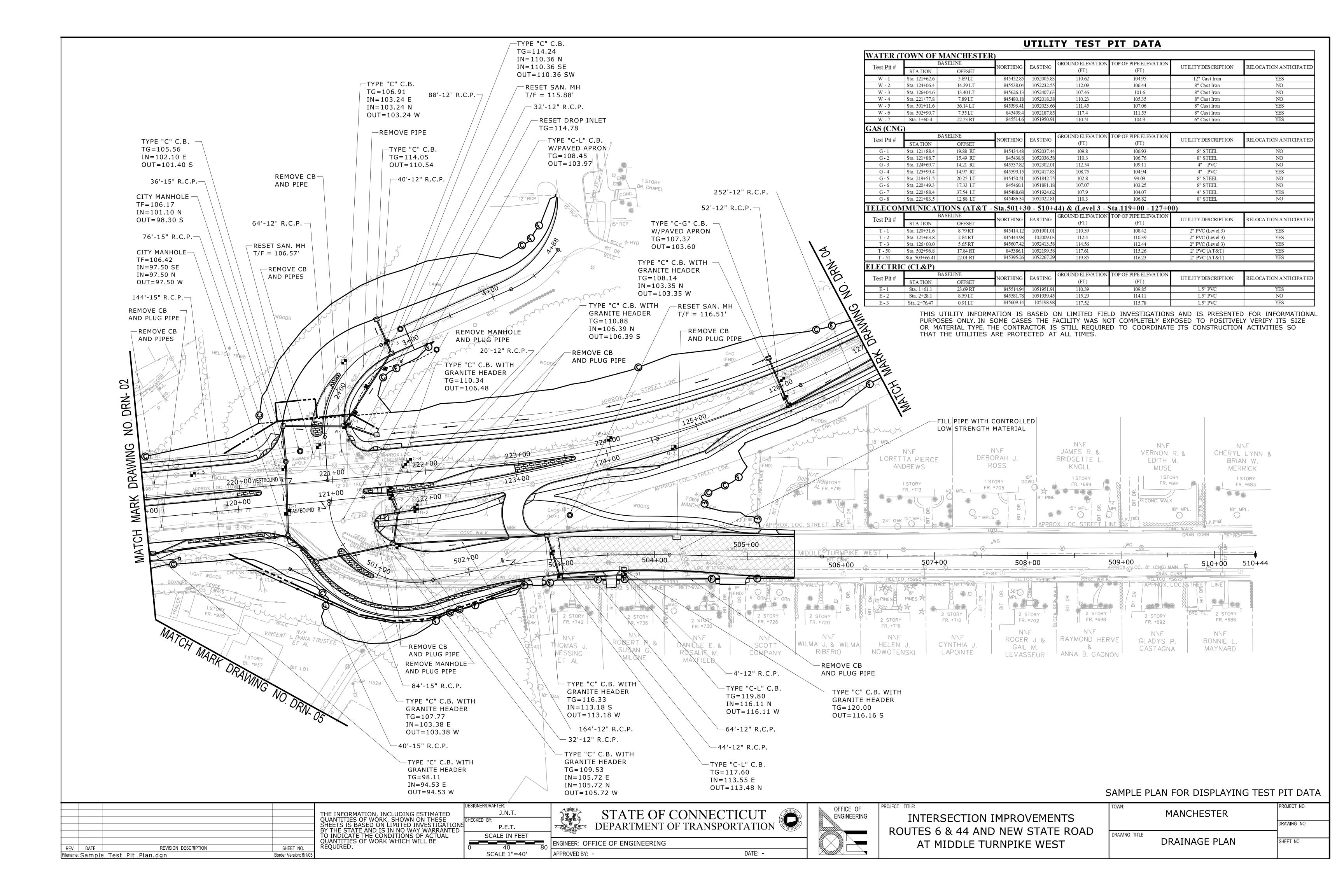
FROM THE DESK OF WILLIAM BRITNELL

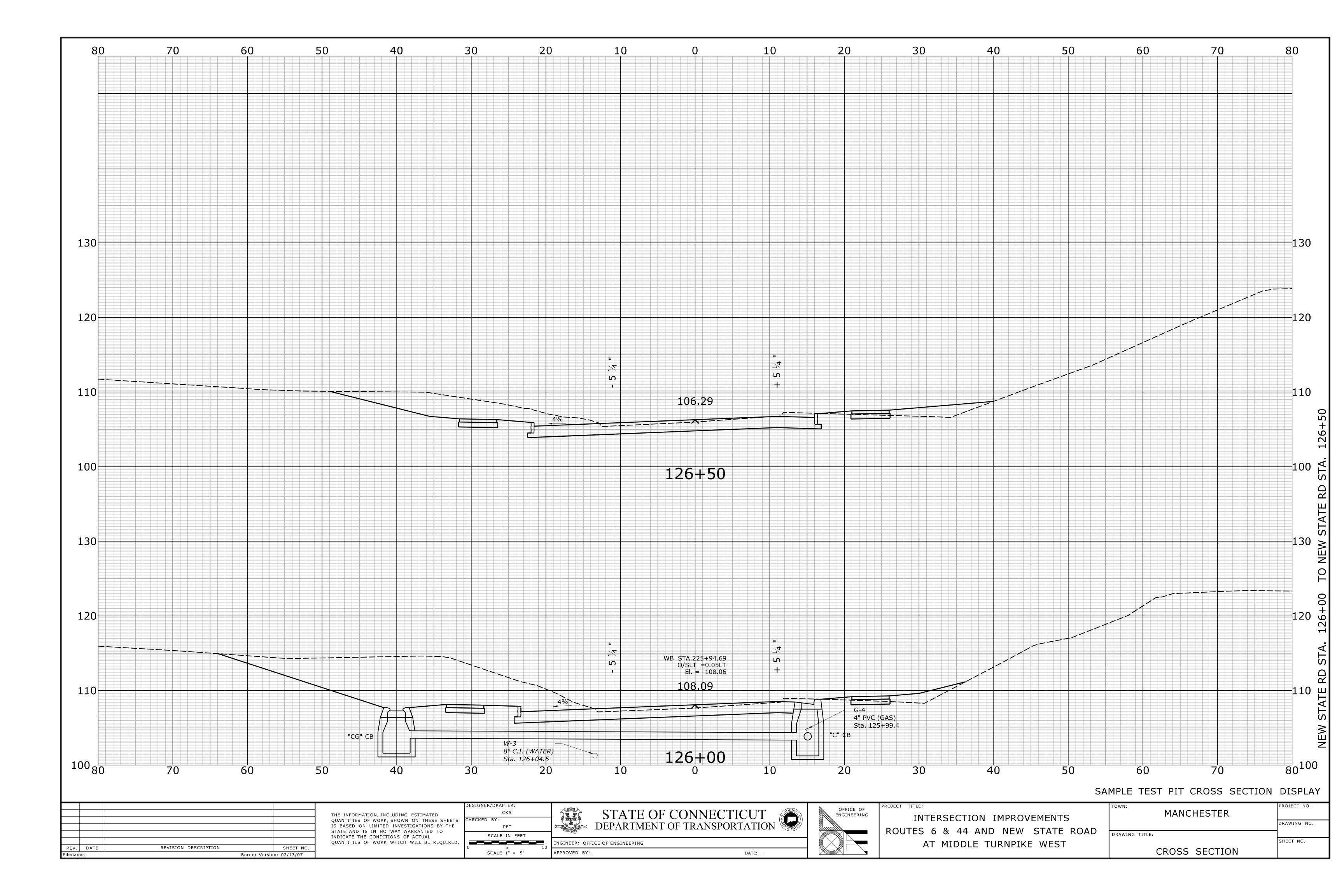
SEP 0 4 2012

S. BOSREE

M. CALABRESE

D. HARMS
S. LIBATICUE





Numbering system for organization of test pits:

<u>Initial Label</u>	<u>Utility</u>
W-1	Water
S-1	Sanitary Sewer
G-1	Gas
T-1	Telecommunications
E-1	Electric
C-1	Cable TV
0-1	Other

Utility Test Pit Symbol



STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION



subject: Test Pit Data Request

Project No. 0017-0183 F.A.P. No. (PE) 0069(006) Route 69 at Maple & Peacedale City of Bristol

date: July 23, 2012

to: Robert J. Baron

Manager of Survey Operations

Bureau of Engineering and Construction

from: William W. Britnell

Transportation Principal Engineer

Bureau of Engineering and Construction

Please obtain test pit information for the subject project by Wednesday, October 24, 2012.

Attached for your information and use are the following:

- Project Location
- Project Description
- Preliminary Design Plan

This project...(a space for additional information and/or project information)...

PE funding has been reviewed and \$300,000 funds are currently available.

If the requested test pit completion date cannot be met, please provide a revised schedule.

Please contact Todd Ingarra, Project Engineer, at (860) 594-3276 should you have any questions or require additional information.

Attachments

Edward B. Sabourin/PMIS
cc: William W. Britnell - Scott Bushee
Sohrab Afrazi

