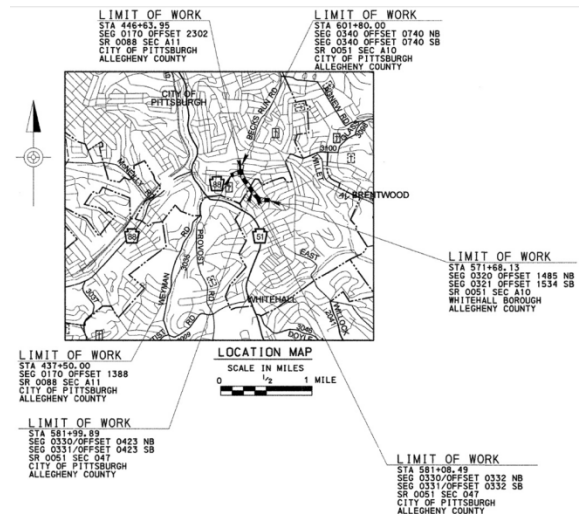


PROJECT DESCRIPTION

The State Route 51/88 Bridge/Safety Improvement project was designed to provide four (4) standard travel lanes and left turning lanes on the SR 88 approach to the SR 51 intersection. Roadway reconstruction within the limits of the project will consist of new drainage facilities with bicycle safe grates, curb, sub-base, concrete base and bituminous pavement. Sidewalks will be introduced to the area incorporating handicap accessible ramps according to the Americans with Disabilities Act (ADA) standards. New vehicular and pedestrian signal heads, mast arms, audible pedestrian push button with vibrotactile arrows, and controller assemblies will be installed at the SR 51/88 intersection as well as the SR 51/Stewart Ave intersections to improve mobility. Highway lighting will be updated throughout to better illuminate the area. Signing and pavement markings will also be updated to delineate the travelling public. Closed Circuit Television (CCTV) cameras and other miscellaneous Informational Technological Systems (ITS) will be installed to monitor the SR 51 corridor from the SR 88 intersection to the Fort Pitt Tunnels.



Project History

The Route 51/88 Intersection Improvement Project was initiated in March of 1992 as preliminary design activities began in an effort to improve safety and mobility at the congested intersection. Right-of-way acquisition began in 1998 after clearance for improvements at the intersection were approved. However, in 2001, District 11 determined the project's high cost coupled with minimal congestion alleviation did not warrant the funding, prompting the decision to study other possibilities. Five alternatives were studied from 2002-2004 with input from a community advisory committee. Costs for the alternatives ranged from \$45 to \$84 million but, once again, the project was halted due to funding constraints. The District approached the project from a right-sizing perspective and focused on improvements on Route 51 from Stewart Avenue to Underwood Street including three structurally deficient bridges which needed to be replaced near the intersection. The project was redefined to replace the structures and incorporate operational improvements. Highway widening, minor roadway realignment and a jughandle would be necessary to maintain traffic during the bridge replacements and these features would become part of the permanent configuration. The project was presented at a public meeting on October 4, 2010. Final design, utility coordination, and right-of-way acquisition began shortly after. The project was officially bid on May 2, 2013.

Utilities Involved

Electrical: Duquesne Light

Gas: Columbia, NiSource

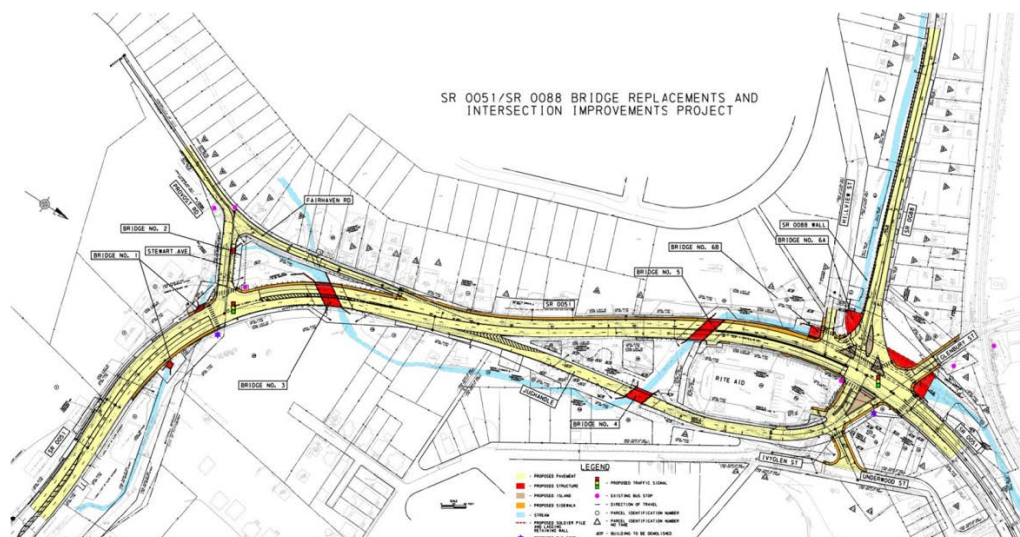
Sanitary Sewer: Alcosan, PWSA

Water: PA American Water

Communications: Verizon, Comcast, Fibertech

COST/SCHEDULE:

- Estimated: \$18,991,080.03
- Actual NTP: June 10, 2013
- Scheduled Completion: November 4, 2015



Project Timeline

Phase 1:	June 2013 – May 2014
Phase 2:	May 2014 – October 2014
Phase 2B:	October 2014 – April 2015
Phase 3:	April 2015 – November 4, 2015

Structure Improvements

There are several structures scheduled for construction upgrades under the SR 51/88 project. Two existing culverts, located at the SR 51/Stewart intersection, are slated for lengthening while three others are to be either partially or completely removed to make way for newer, safer, structures. Another structure, located along the future jughandle, will be introduced to the area as a completely new structure. An updated pile plank retaining wall will also be erected between Sawmill Run Creek and SR 88 within the project limits to support the existing roadway.



Project Hotline

A project hotline has been established to assist the public with any questions they may have during construction. The Airport Corridor Transportation Association (ACTA) will assist with facilitating answers to any project questions asked. The hotline number is **412.533.4606** and will be manned Monday – Friday from 8:30 AM – 5:00 PM

Project Team

PENNDOT – Project Owner

Dan Cessna, P.E.	District Executive	Jeff Clatty, P.E.	Project Manager
Jim Foringer, P.E.	Assistant District Executive - Construction	Michael Grace	Civil Engineer Supervisor
Cheryl Moon- Sirianni, P.E.	Assistant District Executive – Design	Jim Wynn	Inspector
Heath Butler, P.E.	Assistant Construction Engineer		

Joseph B. Fay Company - Contractor

Ed Barrickman	Superintendent	Steve Chiado	Project Engineer
Tyson Hicks	Project Manager	Zach Reefer	Safety Coordinator
Bryan Frye	Project Engineer		

Michael Baker Jr. Inc. – Construction Support

Joe Primo	Project Manager	Christina Angelo	Engineering Tech
Jeff Brandebura	Inspector-In-Charge	Christina Conklin	Office Manager
Aaron Pickering, P.E.	Civil Engineer		

SAI Consulting Engineers – Project Design

Roseanne Rodgers, P.E.	Project Manager
Keith Michael, P.E.	Assistant Department Manager
Kevin Ferry, P.E.	Civil Engineer

Construction Consultant Services - Project Inspection

Mike Ninehouser	Inspector
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ACTA – Public Outreach

Lynn Manion	Executive Director
Amy Mathieson	Assistant Director
Project Hotline	412.533.4606

Call the District 11 Construction Hotline at 412-429-6035 for automated construction information on the Parkways East (I-376), West (I-279), North (I-279) and Route 28 (Allegheny Valley Expressway)