



TO: Elizabeth A. Pauli, Interim City Manager
FROM: Chris E. Larson, P.E., Engineering Division Manager, Public Works
Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer
Michael P. Slevin III, P.E., Environmental Services Director
COPY: City Council and City Clerk
SUBJECT: Resolution – Special Projects of Limited Duration – May 9, 2017
DATE: April 17, 2017

SUMMARY:

A resolution relating to Special Projects; designating 17 Public Works and Environmental Services projects as special projects of limited duration; and designating general salary classifications and benefits for persons employed on said projects pursuant to Tacoma Municipal Code Sections 1.12.155, 1.24.187, 1.24.980 through 1.24.986, 1.30.300, and Section 6.1(h) of the Tacoma City Charter.

STRATEGIC POLICY PRIORITY:

- Ensure all Tacoma residents are valued and have access to resources to meet their needs.
- Foster a vibrant and diverse economy with good jobs for all Tacoma residents.
- Assure outstanding stewardship of the natural and built environment.
- Encourage and promote an efficient and effective government, which is fiscally sustainable and guided by engaged residents.

Approval of this resolution will provide resources to complete capital improvement projects, residential street projects, arterial streets, and active transportation facilities.

BACKGROUND:

A resolution will identify and designate the projects listed below as special projects of limited duration and allow the Public Works and Environmental Services departments to acquire project staff to supplement permanent staffing levels on an as-needed basis to support the following projects:

- South Tacoma Way Corridor Safety Improvements
- East Portland Avenue Corridor Safety Improvements
- SR7 (Pacific Avenue) Signal Corridor Improvements
- WSDOT Southbound I-5 HOV
- WSDOT SR-16 HOV Connectors
- Sound Transit Link Expansion
- 2017-2018 Neighborhood Programs
- Traffic Enhancements
- Fawcett Avenue: South 19th Street to South 21st Street
- South Stevens/Tyler/South 66th Street Bike and Pedestrian Connector
- Puyallup River Bridge F16A & F16B Replacement
- First Creek Middle School Safe Routes to School
- Lister Elementary Safe Routes to School
- Safe Routes to School Improvements
- LED Streetlight Conversion
- Flow Monitoring Project
- Salmon Beach Slope Management Plan and Implementation



Detailed information is provided at the end of this memorandum regarding each project including a contact name, description, total project cost, duration, and potential personnel needs. Project staff costs would be charged to the special projects. The special project duration would be valid for the period designated.

Project staff may include, but not be limited to, project managers, project specialists, design engineers, survey technicians, CAD technicians, development specialists, associate planners, signal and lighting electricians, environmental specialists, technicians, laboratory personnel, arborists and landscape architects. Project staff would receive all appropriate employee benefits.

ISSUE:

Current staffing levels are not adequate to support the increase in workload generated from the listed projects.

ALTERNATIVES:

Alternatives include hiring additional regular staff, hiring project staff on an as-needed basis, and outsourcing to facilitate completion of the administration, management and design work. Hiring project staff as needed provides the most benefit at the least cost.

RECOMMENDATION:

The Public Works and Environmental Services departments recommend approval of the designation of the projects as special projects of limited duration. This provides for cost and schedule efficiencies by increasing staffing levels where required and as needed during completion of this work.

FISCAL IMPACT:

There is no fiscal impact.

Project funding will be approved through the capital budgeting process.



2017 Special Projects

South Tacoma Way Corridor Safety Improvements

This project will construct safety improvements along South Tacoma Way including signal system upgrades, flashing yellow arrow signal heads, countdown pedestrian signals and audible pedestrian push buttons; and improve signal timing, communication and coordination. A City match of \$145,883 will be funded from Streets Initiative funding.

Total Estimated Project Cost: \$1,069,813

Contact: Mazedur Hossain, 591-5523

Designation Duration: Continues until December 31, 2022

East Portland Avenue Corridor Safety Improvements

This project will construct safety improvements along Portland Avenue from East 72nd Street to Puyallup Avenue including signal system upgrades, flashing yellow arrow signal heads, countdown pedestrian signals and audible pedestrian push buttons; and improve signal timing, communication and coordination. A City match of \$232,689 will be funded from Streets Initiative funding.

Total Estimated Project Cost: \$1,601,224

Contact: Mazedur Hossain, 591-5523

Designation Duration: Continues until December 31, 2022

SR7 (Pacific Avenue) Signal Corridor Improvements

This project will improve the visibility of traffic signal heads and improve the phasing, timing, and coordination between signals. Upgrades will be made to accessible countdown pedestrian signals and push buttons, crosswalks will be improved, and signs will be upgraded.

Total Estimated Project Cost: \$995,166

Contact: Said Seddiki, 591-5204

Designation Duration: Continues until December 31, 2022

WSDOT Southbound I-5 HOV

This project is part of the Tacoma/Pierce County High-Occupancy-Vehicle (HOV) Program, a series of highway projects to provide operational improvements and HOV lanes on Interstate 5, State Route 16, and State Route 167. The most notable work to occur in this project is building a new southbound Puyallup River Bridge that will be straighter and wider than the existing bridge. The southbound bridge will be built after an adjacent northbound bridge is complete.

Total Estimated Project Cost: \$305,349,000

Contact: Larry Criswell, 591-5787

Designation Duration: Continues until December 31, 2022

WSDOT SR-16 HOV Connectors

The High-Occupancy-Vehicle (HOV) Connector project is a partnership with the City of Tacoma that will build new bridge structures and direct-access ramps to connect Interstate 5 HOV lanes to State Route 16 HOV lanes. These structures will be limited solely to HOV traffic, and will create the last HOV link within a system that will stretch from Gig Harbor to Everett. A significant amount of construction will also occur on northbound and southbound Interstate 5 while crews realign it for better traffic flow.



Total Estimated Project Cost: \$217,539,000
Contact: Larry Criswell, 591-5787
Designation Duration: Continues until December 31, 2022

Sound Transit Link Expansion

This Sound Transit project is a partnership with the City of Tacoma. Regional voters approved the Tacoma Link Expansion as part of Sound Transit 2 in 2008. The extension will take Tacoma Link from the Theater District, up Stadium Way and through the Stadium and Hilltop neighborhoods. The system expansion includes seven new stations, five new Link vehicles, and an expansion to the existing Operations and Maintenance facility on East 25th Street.

Total Estimated Project Cost: \$153,000,000
Contact: Corey Newton, 591-5765
Designation Duration: Continues until December 31, 2022

2017-2018 Neighborhood Programs

This project designs and constructs neighborhood traffic calming devices such as speed humps, traffic circles, and bulbouts to address citizen and community requests.

Total Estimated Project Cost: \$250,000
Contact: Jennifer Kammerzell, 591-5511
Designation Duration: Continues until December 31, 2022

Traffic Enhancements

This project provides for the installation, upgrade, and replacement of guardrails, fences, and traffic safety barriers.

Total Estimated Project Cost: \$250,000
Contact: Jennifer Kammerzell, 591-5511
Designation Duration: Continues until December 31, 2022

Fawcett Avenue: South 19th Street to South 21st Street

This project enhances the Top 4 Bikeways corridor with new crossing treatments at the intersection of South 21st Street and Fawcett Avenue and traffic calming/bike boulevard improvements along Fawcett Avenue from South 19th Street to South 21st Street.

Total Estimated Project Cost: \$1,263,290
Contact: Mark D’Andrea, 591-5518
Designation Duration: Continues until December 31, 2022



South Stevens/Tyler/South 66th Street Bike and Pedestrian Connector

This project will link existing bikeways north/south across Tacoma by closing the gap on the Tyler/Stevens bikeway and will add an east/west connection along South 66th Street. It will also add pedestrian improvements at various intersections.

Total Estimated Project Cost: \$1,778,290
Contact: Diane Sheesley, 591-5358
Designation Duration: Continues until December 31, 2022

Puyallup River Bridge F16A & F16B Replacement

This project replaces the two most westerly segments of the total six segments that make up the Puyallup River Bridge spanning between Portland Avenue and Milwaukee Way.

Total Estimated Project Cost: \$42,036,043
Contact: Chris Storey, 572-2484
Designation Duration: Continues until December 31, 2022

First Creek Middle School Safe Routes to School

The project will improve student safety by installing a pedestrian crossing traffic signal on Portland Avenue. The project will also provide safety education and increase enforcement. A City match of \$65,000 is required and will be funded from Streets Initiative funding.

Total Estimated Project Cost: \$397,885
Contact: Diane Sheesley, 591-5358
Designation Duration: Continues until December 31, 2022

Lister Elementary Safe Routes to School

The project will improve pedestrian crossings, install school zone warning beacons and improve bus/parent access in front of the school. The project will also provide safety education and increase enforcement. A City match of \$85,000 is required and will be funded from Streets Initiative funding.

Total Estimated Project Cost: \$553,115
Contact: Diane Sheesley, 591-5358
Designation Duration: Continues until December 31, 2022

Safe Routes to School Improvements

This project will employ strategies outlined in the Safe Routes to School Implementation Plan.

Total Estimated Project Cost: \$500,000
Contact: Jennifer Kammerzell, 591-5511
Designation Duration: Continues until December 31, 2022

LED Streetlight Conversion

This project will convert the City's streetlight system to light-emitting diode (LED) technology and reduce energy consumption by approximately 50 percent in the next ten years.

Total Estimated Project Cost: \$10,060,000
Contact: Leigh Starr, 591-5031
Designation Duration: Continues until December 31, 2022



Flow Monitoring Project

This project will provide monitoring and data analysis efforts to show compliance with the NPDES Wastewater Discharge Permit, improve treatment effectiveness, and drive capital improvement projects through ongoing modeling of both the sanitary and surface water conveyance systems. The metering group is responsible for operating, maintaining and downloading data logging systems used in monitoring both the sanitary and surface water conveyance systems throughout the City. The data from these flows is used to study inflow and infiltration, look for sanitary cross connections, monitor sanitary sewer overflows, and generate hydraulic models for capital improvement projects. Additional monitoring may be performed to log surface water quantity entering and exiting treatment devices throughout the City to evaluate system performance as well as groundwater level monitoring. Specific tasks in the overall monitoring program include data logging equipment operation and maintenance, data analysis and reporting, data management and database maintenance.

Total Project Cost: \$200,000/year estimated new staff costs
Contact: Steve Shortencarrier, 502-2275
Designation Duration: Continues until December 31, 2022

Salmon Beach Slope Management Plan and Implementation

This project provides for the creation and implementation of the Salmon Beach Slope Management Plan. One public meeting has been held with more scheduled starting in the summer of 2017, and continuing through early 2018. Baseline data will also continue to be collected during this time. Work will continue to develop, finalize, and implement the new plan for this four acre property. Specific tasks may include coordination with internal and external stakeholders; promoting and educating the public regarding the program; and planning, designing and executing slope remediation, maintenance, and inventorying. Project personnel would allow Environmental Services to quickly secure staff during program development and implementation.

Total Project Cost: \$200,000/year estimated new staff costs
Contact: Desiree Radice, 502-2126
Designation Duration: Continues until December 31, 2022