

Six-Year Transportation Improvement Program

City of Tacoma
Public Works Department

Infrastructure, Planning, & Sustainability
Council Committee
August 27, 2014
ITEM #1

Overview

- Background
- Projects to be Removed
- Projects to be Added
- Complete Street Updates
- Next Steps

Background

- Capital Projects (included)
 - Roadways, bridges, bike facilities, sidewalks, trails, curb ramps

- Maintenance Projects (not included)
 - Potholes, chip seal, residential paving, Transportation Benefit District projects

Issues

- Necessary to compete for and obtain State & Federal grants
- Lists planned & budgeted transportation projects
- Based on anticipated revenues and desirable projects
- Inclusion does not guarantee funding or completion

Projects to be Removed

- 18 Completed projects
- 12 Projects to be consolidated with other projects
- 3 Projects not a current priority

Projects to be Added

- Funded projects
- Projects pursuing grant funds
- A project requesting City funds

East 31st and East 32nd Street Rehabilitation



Scope: Two separate projects that include asphalt paving, installing sidewalks, ADA ramp upgrades, and stormwater improvements

\$1,000,000 Bureau of Indian Affairs Allocation

Total: \$500,000 for each project

7

LID 8660 Alley Paving



Scope: Construct permanent pavement with storm drainage

\$155,151 Property Owner Assessment, \$49,000 Utility Participation

Total: \$204,151

8

Pacific Avenue Crossing at South 17th Street



Scope: Install a new concrete crosswalk between the Tacoma Art Museum and the Tollefson Plaza, and intersection channelization at Pacific and 17th

\$150,000 Gas Tax, \$150,000 General Fund

Total: \$300,000

9

Pedestrian Crossing Improvement Project



Scope: Improvements include ADA upgrades, new and refreshed crosswalk striping, flashing beacons, bulb outs, street lighting, and refuge islands

\$2,500,000 General Fund, \$300,000 REET, \$290,000 CDBG

Total: \$3,090,000

10

Added Projects - Unfunded

PROJECT NAME	AMOUNT
2015-2016 Business District Allocation	\$150,000
East Tacoma PCB Clean-Up Phase I & 2	\$1,890,000
F16-D Puyallup River Bridge	\$10,820,000
Lincoln Business District Streetscape	\$4,000,000
Prairie Line Trail Phase II	\$3,527,000
Pedestrian Improvements (Hilltop & South Downtown)	\$1,000,000

11

Complete Street Updates

- Citywide Safety Project
- Historic Water Ditch Trail Phase II & Signals
- Mildred Street
- Pacific Avenue & South 17th St Crossing
- \$2.5M Pedestrian Safety Improvements
- Thea Foss Site 11
- Top 4 Bikeways
- Public Works Design Manual Update

12

Next Steps

- August 27 IPS 1st Review
- October 8 IPS 2nd Review & Recommendation
- October 21 City Council Study Session*
- October 28 City Council Public Hearing*

*tentative dates

13

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**PROPOSED ADDITIONS TO
SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM AMENDED YEARS 2014-2015 2016-2021**

ID	PROJECT NAME	REQUESTED BY	COUNCIL DISTRICT	LOCATION	PROJECT DETAIL	FUNDING SOURCE	TOTAL PROJECT COST
1	East 31st Street Rehabilitation Project	Puyallup Tribe of Indians	4	East 31st Street between Portland Avenue and R Street	This project will improve East 31st Street with asphalt paving, adding sidewalks, ADA ramp improvements, landscaped beds, bulb-out traffic calming measures, and stormwater improvements. The project area includes Portland Ave to East R Street. Utility adjustment or replacement may be required depending on the scope of road project and age/condition of existing utilities. Utility improvements not included in budget shown.	\$500,000 Bureau of Indian Affairs Fund	\$ 500,000
2	East 32nd Street Rehabilitation Project	Puyallup Tribe of Indians	4	East 32nd Street, west of Portland Avenue	This project will improve East 32nd Street with asphalt paving, adding sidewalks, ADA ramp improvements, and stormwater improvements. The project area includes Portland Ave to the cul-da-sac street terminus. Utility adjustment or replacement may be required depending on the scope of road project and age/condition of existing utilities. Utility improvements not included in budget shown.	\$500,000 Bureau of Indian Affairs Fund	\$ 500,000
3	LID 8660 - Alley Paving	Property Owners	1	Alley between North 30th, North 31st, Monroe, and Mason Avenue	A majority of property owners have signed an advisory petition requesting permanent pavement with storm drainage. The alley is located between North 30th and North 31st Streets from Monroe to Mason Avenue (per Ordinance #28217 on 4/22/14).	\$155,151 Property Owner Assessments; \$49,000 Utility Participation	\$ 204,151
4	Pacific Avenue Crossing at South 17th Street	Public Works	2	Pacific Avenue and South 17th Street	This project will install a new concrete crosswalk between the Tacoma Art Museum and the Tollefson Plaza, and intersection channelization at Pacific and 17th	\$150,000 Carryover Gas Tax; \$150,000 Carryover General Fund	\$ 300,000
5	Pedestrian Crossing Improvement Project	Public Works	1,2,3,4,5	Citywide	This project will improve pedestrian crossings at intersections identified by the community through the 2014 public outreach workshops, surveys, and events.	\$2,500,000 Carryover General Fund; \$300,000 Carryover REET; \$290,000 Carryover CDBG Grant	\$ 3,090,000

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6	2015-2016 Business District Allocation	Community & Economic Development	1,2,3,4,5	Various Business Districts	This allocation of \$150,000 (less 40% for construction/design overhead) is for capital enhancement in designated Neighborhood Business Districts; prioritizing the South Tacoma and Lincoln Business District	\$150,000 Potential REET	\$ 150,000	
7	East Tacoma PCB Clean-up, Phase 1	Public Works	4		This project replaces catch basins, curb, gutters, and soil contaminated with PCBs from sealant used in an LID in 1975. Constructs new curb ramps.	\$865,000 Potential General Fund; \$200,000 Potential State grant	\$ 1,065,000	
8	East Tacoma PCB Clean-up, Phase 2	Public Works	4		This project replaces catch basins, curb, gutter, and soils contaminated with PCBs from sealant used during an 1975 LID. Constructs new curb ramps.	\$625,000 Potential General Fund; \$200,000 Potential State grant	\$ 825,000	
9	F16-D Puyallup River Bridge Replacement	Public Works	2		This project consists of replacing bridge segment F16-D of the Puyallup River Bridge series. This 117 ft. span is located on the Fife side of the Puyallup River.	\$2,164,000 Potential Gas Tax; \$8,656,000 Potential BRAC grant	\$ 10,820,000	
10	Lincoln Business District Streetscape	Community & Economic Development and Public Works	4		This project will implement a Main Street design for the 6 blocks within the core of the Lincoln Business District for a total of \$4 million. \$600,000 potentially funded through a Byrne Federal Justice Grant for neighborhood revitalization. Staff has completed a streetscape plan in accordance with City Council priorities identified from the 2014 retreat. Final design and construction can begin when funds are secured.	\$600,00 Potential Grant; \$3,400,000 Potential REET/City	\$ 4,000,000	
11	Prairie Line Trail Phase II	Public Works	2,3		This project will construct the southern 1/3 mile of the Prairie Line Trail from the UW-Tacoma to South 26th St	\$220,000 Potential Paths & Trails Gas Tax; \$720,000 Potential REET; \$2,187,000 Potential STP grant; \$400,000 Potential Historic State grant	\$ 3,527,000	
12	Pedestrian Improvements in Hilltop & South Downtown	Public Works	2,3		This project will include intersection improvements that may include ADA curb ramps, painted crosswalks, or signage or similar treatments that make intersections more visible, safer and pedestrian and bicycle friendly. This project also includes a safety and education component.	\$850,000 Potential CMAQ grant; \$150,000 Carryover General Fund	\$ 1,000,000	
TOTAL							\$	24,981,151

Fully Funded

**PROPOSED PROJECTS TO REMOVE FROM
SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM AMENDED YEARS 2014-2015 2016-2021**

ID	PROJECT NAME	COUNCIL DISTRICT	REASON FOR REMOVAL	Project Detail	TOTAL PROJECT COST
1	LID 6980 - Streetlighting (Pt Ruston)	1	Project Completed	Owners requested an LID to install St lighting in the re-aligned Ruston Way for development of Pt. Ruston	\$ 159,090
2	LID 8656 - Point Ruston	1	Project Completed	6 LIDs in Tacoma and Ruston that consisted of St and utility extensions and improvements	\$ 21,790,219
3	North Waterview Street Roadway Repair	1	Project Completed	Repair of the failing Waterview St	\$ 1,325,000
4	Hylebos Bridge	2	Project Completed	Rehabilitation of the Hylebos Bridge, including a new deck, sidewalk, guardrails and spans	\$ 25,720,000
5	LINK Light Rail Pedestrian Improvements	2	Project Completed	Construction of pedestrian and ADA improvements on South 9th between Market and Pacific Avenue	\$ 1,366,033
6	Murray Morgan Bridge Rehabilitation	2	Project Completed	Rehabilitation of the Murray Morgan Bridge, including sidewalks, bike lanes, and an elevator	\$ 57,427,292
7	Pacific Ave. Safety & Mobility Improvement Project	2	Project Completed	Grind/overlay and nonmotorized improvements on South 25th between C and Jefferson St	\$ 2,765,749
8	Sprague Entryway	3	Project Completed	Collaboration between Central NC, WSDOT, and City for gateway improvements	\$ 115,000
9	Tyler St - S 38th St to S 56th St	3	Project Completed	Reconstruction of Tyler St to include ADA upgrades, bike lanes, St lights, pedestrian islands, trees, and signal interconnect	\$ 4,270,000
10	E. 34th Street Stair Climb	4	Phase I of preliminary design was completed in 2010	Design report completed September 2010 to rehabilitation of stairway	\$ 14,000
11	Alaska St - S 56th to S 72nd St	5	Project Completed	Reconstruction of Alaska St to include ADA upgrades, bike lanes, St lights, pedestrian islands, trees, signal interconnect, and low impact development	\$ 6,430,000
12	Historic Water Ditch Trail—Phase I, TAC-40	5	Project Completed	Construction of a multi-use trail along the TPU Flume Line in South Tacoma	\$ 1,772,305
13	25th St. S. Corridor Signal Improvements	2,3	Project Completed	Construction of a new signal at South 25th and J Sts and ADA upgrades such as ramps and push buttons	\$ 1,022,856
14	Pedestrian and Bicycle Safety Crossing Signals	3,5	Project Completed	Construction of 2 traffic signals and 3 pedestrian flashing beacons for the Historic Water Ditch Trail	\$ 1,100,000
15	2009-2010 Business District Allocation	1,2,3,4,5	Project Completed	Sidewalk replacement projects in the Dome, McKinley Hill, and Pacific Ave Business Districts	\$ 268,000
16	2011-2012 Business District Allocation	1,2,3,4,5	Project Completed	The project includes sidewalk repair, new waste/recycling cans, tree pits, planters, and bike racks	\$ 268,000
17	Pavement Management System Improvement & Integration	1,2,3,4,5	Project Completed	Project included early stages of Integrating the City's Traffic Model into the Pavement Management System	\$ 385,000
18	Blakeslee Junction	Outside City Limits	Project Completed	Rearrangement of the rail crossing at Blakeslee Junction to allow better connectivity between BNSF, Tacoma Rail, Puget Sound, and Pacific Line	\$ 2,250,000

**PROPOSED PROJECTS TO REMOVE FROM
SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM AMENDED YEARS 2014-2015 2016-2021**

19	21st St N - N Proctor St to N Pearl St	1	Project consolidated with PWK-00425	Project included St rehabilitation, utility replacement, Complete Sts elements, and power pole relocation	\$ 11,492,000
20	30th St N & Orchard St	1	Project consolidated with Signal Program	Installation of a new traffic signal at N 30th & Orchard St	\$ 340,000
21	Point Defiance Gateway Phase I	1	Project consolidated with Pt Defiance Gateway Phase II	Provide sidewalk and pedestrian crossing improvements at the intersection of SR163, Pearl, N 54th, Park Ave and 5 Mile Drive	\$ 90,000
22	Lincoln Ave & Port of Tacoma Road	2	Project to be consolidated with Port of Tacoma Rd project PWK-G0003	Installation of a new traffic signal at Lincoln Ave and Port of Tacoma Road	\$ 340,000
23	N Tacoma Upgrade	2	Project consolidated with Signal Program	Rehabilitate 6 existing mechanical traffic signals with new computerized equipment	\$ 895,000
24	Cedar St Sidewalk - Center to SR 16, east side	3	Project consolidated with Missing Link Sidewalk Program	Construct sidewalk on the east side of Cedar St from Center St to SR16	\$ 210,000
25	Center St - Wilkerson to 'J' St	3	Project consolidated with Signal Program	Rehabilitate 6 existing mechanical traffic signals with new computerized equipment	\$ 545,000
26	Union Av Sidewalk - Center to SR16, east side	3	Project consolidated with Missing Link Sidewalk Program	Construct sidewalk along Union Ave from S 35th to SR16	\$ 500,000
27	30th St N & Alder St	1,2	Project consolidated with Signal Program	Install a new traffic signal or other traffic control device	\$ 340,000
28	CBD Lighting System Upgrade	2,3	Consolidated into another Signal Streetlight Project	Evaluate, upgrade or convert from standard to LED, street lights in the downtown area	\$ 80,000
29	Signal Equipment Upgrades	1,2,3,4,5	Consolidated into another Signal Streetlight Project	A program to improve signal operation through new signal equipment	\$ 560,000
30	Traffic Signal Vaults, Vehicle Detection, and Inte	1,2,3,4,5	Consolidated into another Signal Streetlight Project	Repair existing traffic signal equipment and review cost of bicycle detection for a future project	\$ 2,718,118
31	SR 509 Slip Ramps at D	2	Preliminary planning completed	Construction of a diamond interchange at East D and SR509.	\$ 18,450,000
32	CBS Neighborhood Infrastructure Enhancements	1,2,3,4,5,	No longer seeking this approach to fund infrastructure improvements	Infrastructure enhancements program to support Community Based Services requests	\$ 200,000
33	Train to Mountain/Cascade Corridor	Outside of City Limits	A study completed on the Train to Mountain concept concluded that the City would have to continue to provide ongoing investments that were unattainable	Upgrade tracks on the Tacoma Rail Mountain Line	\$ 6,000,000
TOTAL					\$ 171,208,662

Completed