



City of Lakewood

Public Works – Transportation

Transportation Division – Current and Future Projects

Division Manager: Weston Ott, P.E.

June 15, 2017

Transportation Photos

S. Tacoma Way: looking north between SR512 100th St.



Transportation Photos

S. Tacoma Way: looking South between 96th and 100th



Transportation Photos

BPW JBLM – I5 looking South



Transportation Photos

BPW JBLM – 15 looking North



Transportation Photos

BPW JBLM – 15 looking North



Transportation Photos

BPW 83rd to 75th – Looking South



2016 Carryover to 2017 Workload

* Remaining work from 2015/2016 budget

2016 Carry Over Projects

41	Steilacoom Blvd Safety-WSH to Lakeview	\$2,300,000
42	Lakewood Drive Reconstr/Overlay (100th St to Steilacoom Blvd)	\$935,000
43	Street Striping/Pavment Patch/Marking	\$200,000
44	GLD-100th St to Bridgeport Way	\$2,055,700
45	108th St (Main St to Bridgeport Way)	\$787,000
46	So. Tacoma Way (Steilacoom Blvd to 88th St)	\$1,465,000
47	Popeye's frontage Improvement (Union Ave)	\$70,000
48	Lakeview/112th Sidewalks (Kendrick to Clover Park Tech. College)	\$2,180,000
49	So. Tacoma Way (SR512 to 96th St)	\$3,970,000
50	GLD-59th Ave to Steilacoom Blvd (Road diet)	\$320,000
	Total	\$14,282,700
	Total 2016 & 2017	\$18,178,200



2017/2018 Workload - Transportation

- * 2016 Carry Over: \$14,300,000
- * 2017 Projects: \$3,895,500
- * 2017 Total Projects: \$18,195,500

- * 2018 Projects: \$18,798,000

- * Total 2017/2018: \$36,993,500

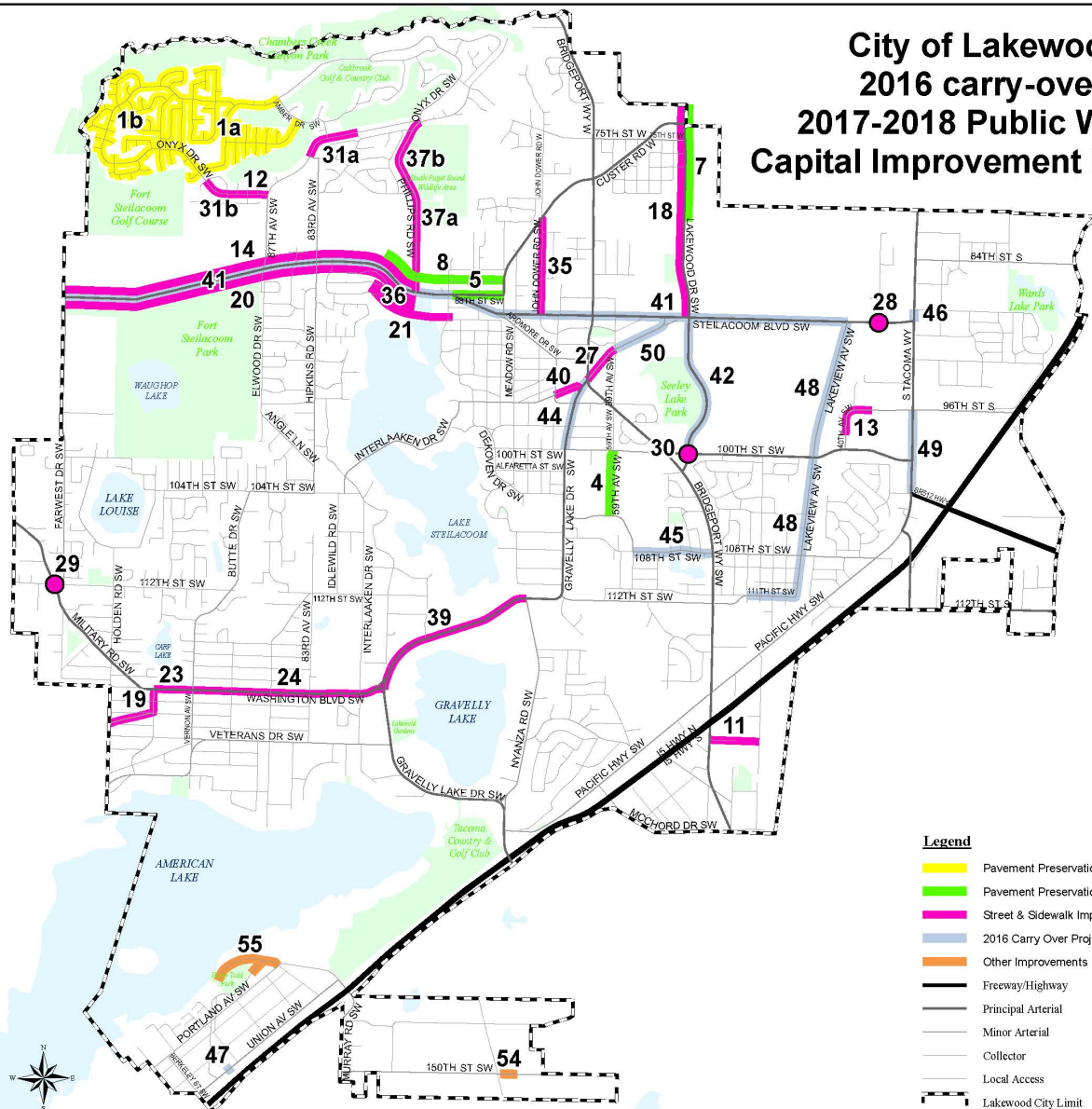
2017 - 2018 Capital Improvement project		
City of Lakewood		
#	Description	Total project cost estimate
Pavement Preservation (Chip Seal) Projects		
1a	Local Streets Within the Oakbrook	2017 \$330,000
1b	Oakbrook Area (actual streets yet to determined)	2018 \$330,000
Subtotal		\$660,000
Pavement Preservation (Asphalt Overlay) Projects		
4	59th (Main St. to 100th St)	2018 \$496,000
5	88th St (Steilacoom to Custer)	2018 \$275,000
7	Lakewood Dr. (Flett Cr to North City Limits)	2017 \$1,210,000
8	Steilacoom blvd/88th St. (Weller to Custer)	2018 \$1,022,000
Subtotal		\$3,003,000
Street & Sidewalk Improvements		
11	123rd St (Bridgeport Way to 47th Ave)	2018 \$333,000
12	Oakbrook-Onyx Dr. (87th to 89th)	2018 \$407,000
13	Roadway Safety Improvements on 40th & 96th	2017 \$777,500
14	Steilacoom Blvd (Farwest to Phillips)-Design only	2017 \$166,000
18	Lakewood Dr. (Steilacoom blvd to N City Limits)	2018 \$4,170,100
19	Northgate Rd/Edgewood Ave (JBLM to Washington Blvd)	2018 \$2,132,000
20	Steilacoom Blvd (Phillips to Farwest) RoW Phase I	2017 \$702,000
21	Steilacoom Blvd (Weller to 88th St)	2018 \$304,000
23	Washington Blvd Sidewalks (Edgewood to Vernon)	2018 \$1,305,000
24	Washington Blvd Sidewalks (Vernon to Gravelly Lake Dr.)	2018 \$4,850,000
27	Gravelly Lake Dr (Bridgeport Way to 59th Ave) Phase II	2018 \$700,000
28	Traffic Signal & Drango St and Steilacoom Blvd	2018 \$220,000
29	traffic Signal/Intersection Reconst. @ Military & 112th	2017 \$675,000
30	Traffic Signal: Signal Projects	2018 \$60,000
31a	New LED Streetlights	2017 \$160,000
31b	New LED Streetlights	2018 \$165,000
32	Minor Capital	2018 \$50,000
33a	Street Striping/Pavement Patch/Marking	2017 \$200,000
33b	Street Striping/Pavement Patch/Marking	2018 \$200,000
34a	Neighborhood Traffic Safety/Traffic Calming	2017 \$25,000
34b	Neighborhood Traffic Safety/Traffic Calming	2018 \$25,000
35	John Dower Sidewalk (Custer-Steilacoom Blvd)-SRTS	2017 \$700,000
36	Steilacoom Blvd. (Weller to Phillips Rd)-SRTS	2018 \$652,000
37a	Phillips Rd Sidewalks Phase I	2017 \$650,000
37b	Phillips Rd Sidewalks Phase II	2018 \$120,000
38	Safety Project-Variou (Dekovan-2 compact roundabouts)	2017 \$212,000
39	GLD Phase I-Washington to 112th St Non-Motorized Trail	2018 \$2,990,000
40	Motor Ave Complete Street	2018 \$250,000
2017 Total		\$3,895,500
2018 Total		\$18,798,000



City of Lakewood 2016 carry-over/ 2017-2018 Public Works Capital Improvement Projects



2016 carry-over/2017 - 2018 Capital Improvement project City of Lakewood		
#	Description	Total project cost estimate
Pavement Preservation (Chip Seal) Projects		
1a	Local Streets Within the Oakbrook	2017 \$330,000
1b	Oakbrook Area (actual streets yet to be determined)	2018 \$330,000
Subtotal		\$660,000
Pavement Preservation (Asphalt Overlay) Projects		
4	59th (Main St. to 300th St)	2018 \$496,000
5	89th St (Stellacoom to Custer)	2018 \$279,000
7	Lakewood Dr. (Forest G to North City Limits)	2017 \$1,210,000
8	Stellacoom Blvd/88th St. (Wellert to Custer)	2018 \$1,022,000
Subtotal		\$9,093,000
Street & Sidewalk Improvements		
11	123rd St (Bridgport Way to 47th Ave)	2018 \$333,000
12	Oakbrook-Onyx Dr. (87th to 87th)	2018 \$407,000
13	Roadway Safety Improvements on 40th & 96th	2017 \$772,000
14	Stellacoom Blvd (Farwest to Phillips) Design only	2017 \$116,000
18	Lakewood Dr. (Stellacoom Blvd to N City Limits)	2018 \$4,170,100
19	Northgate Rd/Edgewood Ave (BHM to Washington Blvd)	2018 \$2,132,000
20	Stellacoom Blvd (Phillips to Farwest) ROW Phase I	2017 \$702,000
21	Stellacoom Blvd (Wellert to 88th St)	2018 \$304,000
22	Washington Blvd Sidewalks (Edgewood to Vernon)	2018 \$1,305,000
24	Washington Blvd Sidewalks (Vernon to Gravelly Lake Dr)	2018 \$6,850,000
27	Gravelly Lake Dr (Bridgport Way to 59th Ave) Phase II	2018 \$700,000
28	Traffic Signal & Drains at Stellacoom Blvd	2018 \$220,000
29	Traffic Signal/Intersection Reconst. @ Military & 112th	2017 \$629,000
30	Traffic Signal. Signal Projects	2018 \$60,000
31a	New LED Streetlights	2017 \$180,000
31b	New LED Streetlights	2018 \$165,000
32	Minor Capital	2018 \$20,000
33a	Street Striping/Pavement Patch/Marking	2017 \$200,000
33b	Street Striping/Pavement Patch/Marking	2018 \$200,000
34a	Neighborhood Traffic Safety/Traffic Calming	2017 \$25,000
34b	Neighborhood Traffic Safety/Traffic Calming	2018 \$25,000
35	John Dower Sidewalk (Custer-Stellacoom Blvd) SRTS	2017 \$700,000
36	Stellacoom Blvd. (Wellert to Phillips Rd) SRTS	2018 \$652,000
37a	Phillips Rd Sidewalks Phase I	\$350,000
37b	Phillips Rd Sidewalks Phase II	\$220,000
38	Safety Project-Various (DeKoven-2 compact roundabouts)	\$212,000
39	GLD Phase I- Washington to 12th St Non-Motorized Trail 2018	\$2,390,000
40	Motor Ave Complete Street	2018 \$250,000
2017 Total		\$3,895,500
2018 Total		\$18,798,000
2016 Carry Over Projects		
41	Stellacoom Blvd Safety WSH to Lakeview	\$2,300,000
42	Lakewood Drive Reconst/Overlay (100th St to Stellacoom Blvd)	\$195,000
43	Street Striping/Pavement Patch/Marking	\$200,000
44	GLD-100th St to Bridgport Way	\$2,095,700
45	108th St (Male St to Bridgport Way)	\$780,000
46	So. Tacoma Way (Stellacoom Blvd to 88th St)	\$1,465,000
47	Popeye's frontage Improvement (Union Ave)	\$70,000
48	Lakeview/12th Sidewalks (Kenrick to Clover Park Tech. College)	\$2,100,000
49	So. Tacoma Way (SR12 to 96th St)	\$1,970,000
50	GLD-59th Ave to Stellacoom Blvd (Road diet)	\$320,000
Total		\$14,282,700
Total 2016 & 2017		\$18,178,200
SWM Improvements		
51	Rate Study	\$50,000
Subtotal		\$50,000
2016 SWM carry over projects		
52	2016 Pipe Repairs	\$250,000
53	Outfall Retrofits	\$300,000
Other Improvements		
54	Woodbrook 150 SA Sanitary Sewer extension	\$240,000
55	N Thorne In Sewer Extension	\$50,000
56a	Sidewalk CP (2017)	\$50,000
56b	Sidewalk CP (2018)	\$50,000
2016 & 2017 Subtotal		\$890,000
2018 Subtotal		\$100,000
Total 2016 & 2017		\$19,068,200



- Legend**
- Pavement Preservation (Chip Seal) Projects
 - Pavement Preservation (Asphalt Overlay) Projects
 - Street & Sidewalk Improvements
 - 2016 Carry Over Projects
 - Other Improvements
 - Freeway/Highway
 - Principal Arterial
 - Minor Arterial
 - Collector
 - Local Access
 - Lakewood City Limit

This product was prepared with care by City of Lakewood GIS. City of Lakewood expressly disclaims any liability for any inaccuracies which may yet be present. This is not a survey. Datasets were collected at different accuracy levels by various sources. Data on this map may be shown at scales larger than its original compilation. Call 253-589-2489 for further information.
Map Date: February 07, 2017
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City of Lakewood

Public Works – Transportation

- * **Summary of City of Lakewood's Pavement Management Data: 2008 to 2016:** The Pavement Condition Index (PCI) is a measurement ranging between 0 and 100. A newly constructed road would rate as 100, while anything under 25 represents extreme failure. The City of Lakewood is responsible for the repair and maintenance of 179.9 centerline miles, or 430.5 lane miles, of asphalt pavements



City of Lakewood

Public Works – Transportation

- * **City's Decision Tree:** The decision tree represents the overall pavement repair strategy and cost, basic information about Lakewood's strategy shown below. (Construction Costs Only)

Lakewood Repair Strategy Decision Tree

Treatment	Cost per SY
Chip or Crack Seals	\$0.45-\$6
Chip Seal/2" Overlay*	\$6-\$25
4" Thick Overlay	\$36
Reconstruction**	\$62



City of Lakewood

Public Works – Transportation

- * The current overall average PCI in Lakewood is **78**. The following table breaks out the ratings by year and functional classification in the City.

LAKESWOOD HISTORICAL NETWORK CONDITION SUMMARY

CLASSIFICATION	LANE MILES	2008	2009	2010	2011	2012	2013	2014	2015	2016
Principal Arterial	94.07	77	76	75	79	78	77	78	77	83
Minor Arterial	66.39	79	76	79	79	79	76	76	73	79
Collector Arterial	44.82	75	71	71	75	75	72	72	70	75
Local Access	225.71	77	73	73	76	76	73	75	72	77
OVERALL NETWORK PCI		76	73	73	76	76	74	75	73	78



City of Lakewood

Public Works – Transportation

Questions?

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