

BROADWAY LID-8645
COST DISTRIBUTION MATRIX

3/30/2017 8:32

BUDGET PER ORDINANCE No. 27475	
\$3,915,000.00	

		ENGINEER'S ESTIMATE				BID TAB LOW BID	
Item	Description	Unit	Total Quantity	Unit Cost	Total Cost	Dickson Construction Inc.	
						Unit Price	Amount

COST DISTRIBUTION PER RESPONSIBLE AREA						
Property Owner	Extra Work Items	Storm Sewer Utility	Sanitary Sewer Utility	Tacoma Water	Tacoma Power	Totals

ROADWAY QUANTITIES LD-8645							
R01	Type B Progress Schedule	LS	1	\$4,500.00	\$4,500.00	\$3,850.00	\$3,850.00
R02	Mobilization	LS	1	\$875,000.00	\$875,000.00	\$787,966.00	\$787,966.00
R03	Spill Prevention, Control and Countermeasures (SPCC) Plan	LS	1	\$1,250.00	\$1,250.00	\$750.00	\$750.00
R04	Cooperation and Coordination with other Contractors	LS	1	\$20,000.00		\$1,620.00	\$1,620.00
R05	Clearing and Grubbing	LS	1	\$85,000.00	\$85,000.00	\$14,125.00	\$14,125.00
R06	Project Temporary Traffic Control	LS	1	\$440,000.00	\$440,000.00	\$363,900.00	\$363,900.00
R07	Stormwater Pollution Prevention Plan (SWPPP)	LS	1	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00
R08	Project Sign	EA	8	\$950.00	\$7,600.00	\$1,000.00	\$8,000.00
R09	Planning Bituminous Pavement	SY	1321	\$9.50	\$12,549.50	\$8.20	\$10,832.20
R10	Remove Ex. Pvmt Ty. 1, Cl. MA	SY	25069	\$15.00	\$376,035.00	\$16.80	\$421,159.20
R11	Remove Ex. Pvmt Ty. 1, Cl. A4	SY	2264	\$6.00	\$13,584.00	\$3.80	\$8,603.20
R12	Remove Ex. Pvmt Ty. 1, Cl. C6	SY	7953	\$10.00	\$79,530.00	\$7.00	\$55,671.00
R13	Remove Ex. Pvmt Ty. 1, Cl. C12	SY	879	\$12.50	\$10,987.50	\$15.90	\$13,976.10
R14	Remove Existing Fence/Handrail	LF	1410	\$6.00	\$8,460.00	\$3.45	\$4,864.50
R15	Remove Curb and Gutter	LF	7963	\$6.00	\$47,778.00	\$4.40	\$35,037.20
R16	Remove Granite Curb	LF	788	\$8.00	\$6,304.00	\$4.50	\$3,546.00
R17	Remove Existing Retaining Wall	SF	1880	\$10.00	\$18,800.00	\$4.00	\$7,520.00
R18	Remove Abandon Trolley Track	LF	1800	\$50.00	\$90,000.00	\$32.10	\$57,780.00
R19	Roadway Excavation, Inc Haul	CY	4836	\$36.00	\$174,096.00	\$41.75	\$201,903.00
R20	Unsuitable Foundation Excavation, Incl. Haul	CY	877	\$37.00	\$32,449.00	\$25.80	\$22,626.60
R21	Gravel Borrow, Incl. Haul	TN	2277	\$30.00	\$68,310.00	\$31.45	\$71,611.65
R22	Embankment Compaction	CY	1105	\$7.00	\$7,735.00	\$9.00	\$9,945.00
R25	Shoring or Extra Excavation, Cl. A (for walls)	LS	1	\$2,500.00	\$2,500.00	\$7,230.00	\$7,230.00
R26	Segmental Concrete Wall	SF	2061	\$25.00	\$51,525.00	\$26.60	\$54,822.60
R27	Small Reinforced Cement Concrete Retaining Wall	SF	530	\$45.00	\$23,850.00	\$73.35	\$38,875.50
R28	Large Reinforced Cement Concrete Retaining Wall	SF	2220	\$70.00	\$155,400.00	\$64.65	\$143,523.00
R29	Wall Backfill Compaction	CY	86	\$40.00	\$3,440.00	\$21.45	\$1,844.70
R30	Water, at per thousand (M) gallons	Mgal.	1830	\$30.00	\$54,900.00	\$29.55	\$54,076.50
R31	Crushed Surfacing Base Course	TN	5563	\$25.00	\$139,075.00	\$34.10	\$189,698.30
R32	Crushed Surfacing Top Course	TN	4519	\$28.00	\$126,532.00	\$42.80	\$193,413.20
R33	Shoulder Ballast	TN	146	\$28.00	\$4,088.00	\$29.40	\$4,292.40
R34	Cement Concrete Traffic Curb and Gutter	LF	12682	\$16.00	\$202,912.00	\$15.20	\$192,766.40
R35	Type "D" Mountable cement conc. Curb & Gutter	LF	6535	\$18.00	\$117,630.00	\$15.10	\$98,678.50
R36	6"x12" Cement Conc. Curb	LF	914	\$24.00	\$21,936.00	\$23.50	\$21,479.00
R37	Cem. Conc. Sidewalk	SY	6478	\$38.00	\$246,164.00	\$42.60	\$275,962.80
R38	Stamped Cem. Conc. Sidewalk	SY	355	\$95.00	\$33,725.00	\$64.85	\$23,021.75
R39	Cem. Conc. Curb Ramp	EA	41	\$1,375.00	\$56,375.00	\$1,581.25	\$64,831.25
R40	Portland Cement Concrete Surface Topping	SF	9711	\$11.00	\$106,821.00	\$5.20	\$50,497.20
R41	Detectable Warning Pattern	SF	380	\$55.00	\$20,900.00	\$32.40	\$12,312.00
R42	Residential Sidewalk Drain	LF	232	\$12.00	\$2,784.00	\$15.90	\$3,688.80
R43	Commercial Sidewalk Drain	LF	406	\$85.00	\$34,510.00	\$74.45	\$30,226.70
R45	Cem. Conc. Dwy Entrance	SY	1822	\$55.00	\$100,210.00	\$48.30	\$88,002.60
R46	Cem. Conc. Shelter Pad	SY	66	\$85.00	\$5,610.00	\$98.80	\$6,520.80
R47	HMA, Cl. 1/2", PG 64-22	TN	5950	\$78.00	\$464,100.00	\$90.30	\$537,285.00
R45	HMA, Cl. 1/2", PG 64-22 for pavement patch	TN	92	\$105.00	\$9,660.00	\$157.30	\$14,471.60
R49	Cold Plant Mix for Temp Patch	TN	99	\$125.00	\$12,375.00	\$115.25	\$11,409.75
R50	Cement Conc. Pavement, 0.833ft. Section	SY	796	\$90.00	\$71,640.00	\$82.90	\$65,988.40
R51	Cement Conc. Pavement, 0.833ft. Section (scored)	SY	946	\$135.00	\$127,710.00	\$115.10	\$108,884.60
R52	Epoxy-Coated Tie Bar with Drill Hole	EA	149	\$18.00	\$2,682.00	\$10.80	\$1,609.20
R53	Adjust Ex. Valve Chamber to Grade	EA	27	\$450.00	\$12,150.00	\$429.25	\$11,589.75
R55	Poured Monument	EA	6	\$400.00	\$2,400.00	\$540.00	\$3,240.00
R56	Chain Link Fence, Ty 6	LF	759	\$17.00	\$12,903.00	\$16.30	\$12,371.70
R57	Cement Conc. Stairway	LF	122	\$75.00	\$9,150.00	\$417.50	\$50,935.00
R58	Hand Rail	LF	176	\$200.00	\$35,200.00	\$113.50	\$19,976.00
R59	Gaurdrail	LF	388	\$185.00	\$71,780.00	\$96.35	\$37,383.80
R87	Inlet Protection	EA	50	\$85.00	\$4,250.00	\$100.00	\$5,000.00
R88	Street Cleaning	HR	107	\$125.00	\$13,375.00	\$115.00	\$12,305.00
R89	ESC Lead	Day	150	\$125.00	\$18,750.00	\$38.30	\$5,745.00
R95	Raised Pavement Markers, Ty. 1, at per hundred (N) each	Nea.	12	\$200.00	\$2,400.00	\$216.00	\$2,592.00
R96	Raised Pavement Markers, Ty 2, at per hundred (N) each	Nea.	2	\$400.00	\$800.00	\$351.00	\$702.00
R97	Paint Line, at per linear foot	LF	5019	\$0.30	\$1,505.70	\$0.30	\$1,505.70
R98	Painted Wide Line (White), at per linear foot	LF	160	\$1.25	\$200.00	\$1.10	\$176.00
R99	Plastic Crosswalk Line, at per linear foot	LF	720	\$2.20	\$1,584.00	\$2.15	\$1,548.00
R100	Plastic Line, at per linear foot	LF	6817	\$1.75	\$11,929.75	\$0.85	\$5,794.45
R101	Plastic 12-Inch Stop Line, at per linear foot	LF	100	\$3.50	\$350.00	\$2.45	\$245.00
R102	Plastic Traffic Arrow, at per each	EA	8	\$60.00	\$480.00	\$81.00	\$648.00
R103	Plastic Traffic Letter, at per each	EA	8	\$60.00	\$480.00	\$37.80	\$302.40

\$962.50	\$592.32	\$740.36	\$592.32	\$962.50	\$3,850.00
\$196,991.50	\$121,228.57	\$151,525.86	\$121,228.57	\$196,991.50	\$787,966.00
\$187.50	\$115.39	\$144.23	\$115.39	\$187.50	\$750.00
\$405.00	\$249.24	\$311.53	\$249.24	\$405.00	\$1,620.00
\$3,531.25	\$2,173.13	\$2,716.24	\$2,173.13	\$3,531.25	\$14,125.00
\$90,975.00	\$55,986.02	\$69,977.97	\$55,986.02	\$90,975.00	\$363,900.00
\$575.00	\$353.86	\$442.29	\$353.86	\$575.00	\$2,300.00
\$2,000.00	\$1,230.80	\$1,538.40	\$1,230.80	\$2,000.00	\$8,000.00
\$2,708.05	\$1,666.53	\$2,083.03	\$1,666.53	\$2,708.05	\$10,832.20
\$163,585.80	\$64,795.34	\$80,988.91	\$64,795.34	\$46,993.80	\$421,159.20
\$2,538.40	\$1,323.60	\$1,654.40	\$1,323.60	\$1,763.20	\$8,603.20
\$55,671.00					\$55,671.00
\$6,053.93	\$2,150.22	\$2,687.60	\$2,150.22	\$934.13	\$13,976.10
\$4,864.50					\$4,864.50
\$35,037.20					\$35,037.20
\$3,546.00					\$3,546.00
\$7,520.00					\$7,520.00
\$25,744.20	\$8,889.45	\$11,111.09	\$8,889.45	\$3,145.80	\$57,780.00
\$66,570.38	\$31,062.78	\$38,825.95	\$31,062.78	\$34,381.13	\$201,903.00
\$9,300.90	\$3,481.10	\$4,351.10	\$3,481.10	\$2,012.40	\$22,626.60
\$31,261.30	\$11,017.45	\$13,770.92	\$11,017.45	\$4,544.53	\$71,611.65
\$4,754.25	\$1,530.04	\$1,912.42	\$1,530.04	\$218.25	\$9,945.00
\$7,230.00					\$7,230.00
\$54,822.60				\$0.00	\$54,822.60
\$38,875.50					\$38,875.50
\$0.00	\$143,523.00				\$143,523.00
\$922.35	\$922.35			\$0.00	\$1,844.70
\$20,906.63	\$8,319.67	\$10,398.91	\$8,319.67	\$6,131.63	\$54,076.50
\$80,433.38	\$29,185.08	\$36,478.98	\$29,185.08	\$14,415.78	\$189,698.30
\$80,057.40	\$29,756.62	\$37,193.36	\$29,756.62	\$16,649.20	\$193,413.20
\$4,292.40					\$4,292.40
\$192,766.40					\$192,766.40
\$98,678.50					\$98,678.50
\$21,479.00					\$21,479.00
\$275,962.80					\$275,962.80
\$23,021.75					\$23,021.75
\$64,831.25					\$64,831.25
\$50,497.20					\$50,497.20
\$12,312.00					\$12,312.00
\$3,688.80					\$3,688.80
\$30,226.70					\$30,226.70
\$88,002.60					\$88,002.60
\$0.00	\$6,520.80				\$6,520.80
\$221,393.03	\$82,661.30	\$103,319.91	\$82,661.30	\$47,249.48	\$537,285.00
\$0.00	\$3,617.90	\$3,617.90	\$3,617.90	\$3,617.90	\$14,471.60
\$4,552.38	\$1,755.39	\$2,194.09	\$1,755.39	\$1,152.50	\$11,409.75
\$32,994.20	\$10,152.32	\$12,689.57	\$10,152.32	\$0.00	\$65,988.40
\$47,191.00	\$16,751.90	\$20,938.51	\$16,751.90	\$7,251.30	\$108,884.60
\$804.60	\$247.58	\$309.45	\$247.58	\$0.00	\$1,609.20
\$4,507.13	\$1,783.08	\$2,228.71	\$1,783.08	\$1,287.75	\$11,589.75
\$1,215.00	\$498.47	\$623.05	\$498.47	\$405.00	\$3,240.00
\$0.00	\$12,371.70				\$12,371.70
\$50,935.00					\$50,935.00
\$0.00	\$19,976.00				\$19,976.00
\$0.00	\$37,383.80				\$37,383.80
\$2,125.00	\$769.25	\$961.50	\$769.25	\$375.00	\$5,000.00
\$5,146.25	\$1,893.12	\$2,366.25	\$1,893.12	\$1,006.25	\$12,305.00
\$1,436.25	\$883.87	\$1,104.76	\$883.87	\$1,436.25	\$5,745.00
\$1,193.40	\$498.78	\$398.44	\$498.78	\$102.60	\$2,592.00
\$301.86	\$108.00	\$134.99	\$108.00	\$49.14	\$702.00
\$550.95	\$231.65	\$289.55	\$231.65	\$201.90	\$1,505.70
\$64.90	\$27.08	\$33.84	\$27.08	\$23.10	\$176.00
\$698.75	\$238.16	\$297.68	\$238.16	\$75.25	\$1,548.00
\$2,452.89	\$891.48	\$1,114.27	\$891.48	\$444.34	\$5,794.45
\$122.50	\$37.69	\$47.11	\$37.69	\$0.00	\$245.00
\$303.75	\$99.69	\$124.61	\$99.69	\$20.25	\$648.00
\$113.40	\$46.52	\$58.15	\$46.52	\$37.80	\$302.40

EX.26

BROADWAY LID-8645
COST DISTRIBUTION MATRIX

3/30/2017 8:32

BUDGET PER ORDINANCE No. 27475	
\$3,915,000.00	

EX-50

Item	Description	ENGINEER'S ESTIMATE				BID TAB LOW BID	
		Unit	Total Quantity	Unit Cost	Total Cost	Dickson Construction Inc.	
R104	Plastic Access Parking Access Symbol w/ Background	EA	13	\$130.00	\$1,690.00	\$162.00	\$2,106.00
R105	Plastic Bicycle Lane Symbol	EA	2	\$150.00	\$300.00	\$216.00	\$432.00
R106	Curb Paint	LF	692	\$2.25	\$1,557.00	\$1.10	\$761.20
R155	Erosion/Water Pollution Control, as per force account	LS	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
ROADWAY				BID TOTAL	\$4,783,756.45		\$4,578,358.20

COST DISTRIBUTION PER RESPONSIBLE AREA						
Property Owner	Extra Work Items	Storm Sewer Utility	Sanitary Sewer Utility	Tacoma Water	Tacoma Power	Totals
\$850.50		\$324.01	\$404.98	\$324.01	\$202.50	\$2,106.00
\$216.00		\$66.46	\$83.07	\$66.46	\$0.00	\$432.00
\$362.45		\$117.11	\$146.38	\$117.11	\$18.15	\$761.20
						\$0.00
\$2,243,322.07	\$220,697.65	\$498,708.03	\$622,440.34	\$498,708.03	\$494,482.08	\$4,578,358.20

STORM SEWER QUANTITIES (ENV-00305)							
R60	Structure Excavation, Cl. B	CY	4347	\$14.00	\$60,858.00	\$11.30	\$49,121.10
R54	Adjust Ex. Manhole	EA	9	\$500.00	\$4,500.00	\$552.45	\$4,972.05
R23	Remove Catch Basin	EA	40	\$350.00	\$14,000.00	\$255.00	\$10,200.00
R24	Remove Manhole, at per each	EA	14	\$750.00	\$10,500.00	\$610.00	\$8,540.00
R44	6" Trench Drain	LF	131	\$140.00	\$18,340.00	\$101.65	\$13,316.15
R61	Shoring or Extra Excavation, Cl. B	SF	39965	\$0.50	\$19,982.50	\$0.15	\$5,994.75
R62	Removal and Replacement of Unsuitable Backfill Material	CY	2746	\$35.00	\$96,110.00	\$40.85	\$112,174.10
R63	Manhole 48-Inch Dia., Ty 1,	EA	36	\$3,400.00	\$122,400.00	\$3,375.45	\$121,516.20
R64	Manhole 48-Inch Dia., Ty 3,	EA	2	\$3,500.00	\$7,000.00	\$3,180.00	\$6,360.00
R65	Temporary Storm Sewer Connection	LS	1	\$5,000.00	\$5,000.00	\$2,820.00	\$2,820.00
R66	Abandon Ex. Manhole	EA	3	\$1,500.00	\$4,500.00	\$872.55	\$2,617.65
R67	Catch Basin, Ty 1	EA	67	\$1,350.00	\$90,450.00	\$1,344.40	\$90,074.80
R68	Catch Basin, Ty 2, 48-Inch Diam.	EA	3	\$3,000.00	\$9,000.00	\$3,040.70	\$9,122.10
R69	PVC Storm Sewer Pipe, 8-Inch Dia.	LF	164	\$44.00	\$7,216.00	\$40.00	\$6,560.00
R70	PVC Storm Sewer Pipe, 10-Inch Dia.	LF	1307	\$50.00	\$65,350.00	\$38.00	\$49,666.00
R71	PVC Storm Sewer Pipe, 12-Inch Dia.	LF	3555	\$55.00	\$195,525.00	\$45.00	\$159,975.00
R72	PVC Storm Sewer Pipe, 15-Inch Dia.	LF	143	\$65.00	\$9,295.00	\$50.00	\$7,150.00
R73	PVC Storm Sewer Pipe, 21-Inch Dia.	LF	82	\$85.00	\$6,970.00	\$80.00	\$6,560.00
R74	Dutile Iron Sewer Pipe, 10-Inch Dia	LF	115	\$70.00	\$8,050.00	\$60.00	\$6,900.00
R75	Dutile Iron Sewer Pipe, 12-Inch Dia	LF	817	\$70.00	\$57,190.00	\$65.00	\$53,105.00
R76	Connect New Sewer Pipe, 8-Inch Diam., to Existing Structure	LF	5	\$1,200.00	\$6,000.00	\$1,010.00	\$5,050.00
R77	Connect New Sewer Pipe, 10-Inch Diam., to Existing Structure	EA	2	\$1,500.00	\$3,000.00	\$1,585.00	\$3,170.00
R78	Connect New Sewer Pipe, 12-Inch Diam., to Existing Structure	EA	1	\$1,800.00	\$1,800.00	\$2,400.00	\$2,400.00
R79	Recon. Ex.Sewer Pipe, 8-Inch Diam., to New Structure	EA	2	\$1,200.00	\$2,400.00	\$168.25	\$336.50
R80	Recon. Ex.Sewer Pipe, 10-Inch Diam., to New Structure	EA	5	\$1,500.00	\$7,500.00	\$197.00	\$985.00
R81	Recon. Ex.Sewer Pipe, 15-Inch Diam., to New Structure	EA	1	\$1,800.00	\$1,800.00	\$587.15	\$587.15
R82	Temporary Storm Sewer Bypass Plan	LS	1	\$1,500.00	\$1,500.00	\$750.00	\$750.00
R83	Temporary Storm Sewer Bypass	LS	1	\$25,000.00	\$25,000.00	\$12,455.00	\$12,455.00
R84	Plugging Ex. Pipe (8")	EA	1	\$1,000.00	\$1,000.00	\$155.00	\$155.00
R85	CDF for Pipe Abandonment	CY	68	\$165.00	\$11,220.00	\$171.50	\$11,662.00
R86	Testing Sewer Pipe	LF	4372	\$2.75	\$12,023.00	\$2.50	\$10,930.00
STORM SEWER				BID TOTAL	\$885,479.50		\$775,225.55

\$49,121.10	\$49,121.10
\$4,972.05	\$4,972.05
\$10,200.00	\$10,200.00
\$8,540.00	\$8,540.00
\$13,316.15	\$13,316.15
\$5,994.75	\$5,994.75
\$112,174.10	\$112,174.10
\$121,516.20	\$121,516.20
\$6,360.00	\$6,360.00
\$2,820.00	\$2,820.00
\$2,617.65	\$2,617.65
\$90,074.80	\$90,074.80
\$9,122.10	\$9,122.10
\$6,560.00	\$6,560.00
\$49,666.00	\$49,666.00
\$159,975.00	\$159,975.00
\$7,150.00	\$7,150.00
\$6,560.00	\$6,560.00
\$6,900.00	\$6,900.00
\$53,105.00	\$53,105.00
\$5,050.00	\$5,050.00
\$3,170.00	\$3,170.00
\$2,400.00	\$2,400.00
\$336.50	\$336.50
\$985.00	\$985.00
\$587.15	\$587.15
\$750.00	\$750.00
\$12,455.00	\$12,455.00
\$155.00	\$155.00
\$11,662.00	\$11,662.00
\$10,930.00	\$10,930.00
\$775,225.55	\$775,225.55

STREETLIGHT QUANTITIES							
R107	Remove Existing Streetlight circuit	LF	4657	\$1.35	\$6,286.95	\$1.60	\$7,451.20
R108	Remove Existing Streetlight vault	EA	2	\$4,400.00	\$8,800.00	\$216.00	\$432.00
R109	Remove Existing Streetlight standard	EA	18	\$2,200.00	\$39,600.00	\$540.00	\$9,720.00
R110	Remove Existing wood pole	EA	1	\$2,000.00	\$2,000.00	\$626.50	\$626.50
R111	Remove Existing streetlight from existing wood pole	EA	15	\$450.00	\$6,750.00	\$270.00	\$4,050.00
R112	F&I Twin Luminaire Streetlight Standard	EA	65	\$6,000.00	\$390,000.00	\$7,660.00	\$497,900.00
R113	F&I Single Luminaire Streetlight Standard	EA	9	\$5,000.00	\$45,000.00	\$5,224.00	\$47,016.00
R114	F&I 2 - #6 AWG and 1- #8 AWG Ground Conductor.	LCF	84	\$9.00	\$756.00	\$3.45	\$289.80
R115	F&I 2 - #6 AWG, 2- #8 AWG and 1-#8 AWG Ground Conductor.	LCF	8980	\$7.00	\$62,860.00	\$4.85	\$43,553.00
R116	F&I 2 - #6 AWG, 4- #8 AWG, and 1-#8 AWG Ground Conductor.	LCF	491	\$7.00	\$3,437.00	\$6.55	\$3,216.05
R117	F&I 4 - #6 AWG, 4- #8 AWG, and 1-#8 AWG Ground Conductor.	LCF	36	\$20.00	\$720.00	\$8.85	\$318.60
R118	F&I 2-Inch PVC Schudule 80 Conduit	LF	3213	\$8.00	\$25,704.00	\$4.80	\$15,422.40
R119	F&I 2-Inch PVC Schudule 40 Conduit	LF	14907	\$5.00	\$74,535.00	\$2.90	\$43,230.30
R120	F&I Pad Mounted Streetlight Control Panel	EA	3	\$10,500.00	\$31,500.00	\$6,696.00	\$20,088.00
R121	Temp. Lighting	LS	1	\$12,000.00	\$12,000.00	\$19,440.00	\$19,440.00
R122	F&I Standard Signal/Streetlight Junction Box	EA	70	\$350.00	\$24,500.00	\$271.00	\$18,970.00
R123	F&I Large signal junction box	EA	14	\$475.00	\$6,650.00	\$1,000.10	\$14,001.40
R124	Trenching & Backfilling	LF	4870	\$7.00	\$34,090.00	\$4.60	\$22,402.00
STREETLIGHT				BID TOTAL	\$775,188.95		\$768,127.25

\$7,451.20	\$7,451.20
\$432.00	\$432.00
\$9,720.00	\$9,720.00
\$626.50	\$626.50
\$4,050.00	\$4,050.00
\$459,600.00	\$497,900.00
\$47,016.00	\$47,016.00
\$289.80	\$289.80
\$43,553.00	\$43,553.00
\$3,216.05	\$3,216.05
\$318.60	\$318.60
\$15,422.40	\$15,422.40
\$43,230.30	\$43,230.30
\$20,088.00	\$20,088.00
\$19,440.00	\$19,440.00
\$18,970.00	\$18,970.00
\$14,001.40	\$14,001.40
\$22,402.00	\$22,402.00
\$729,827.25	\$38,300.00
	\$768,127.25

LANDSCAPE QUANTITIES							
R125	Topsoil	CY	1,170	\$53.50	\$62,595.00	\$48.90	\$57,213.00
R126	Mulch	CY	230	\$42.80	\$9,844.00	\$39.00	\$8,970.00
R127	Root Barrier, 12"	LF	4,200	\$5.35	\$22,470.00	\$2.70	\$11,340.00
R128	Acer Rubrum (Armstrong)	EA	14	\$481.50	\$6,741.00	\$290.00	\$4,060.00
R129	Acer Rubrum (Bowhall)	EA	82	\$481.50	\$39,483.00	\$290.00	\$23,780.00
R130	Fraxinus Pennsylvanica Summit Green Ash	EA	44	\$481.50	\$21,186.00	\$290.00	\$12,760.00

\$57,213.00	\$57,213.00
\$8,970.00	\$8,970.00
\$11,340.00	\$11,340.00
\$4,060.00	\$4,060.00
\$23,780.00	\$23,780.00
\$12,760.00	\$12,760.00

BROADWAY LID-8645
COST DISTRIBUTION MATRIX
3/30/2017 8:32

BUDGET PER ORDINANCE No. 27475	
\$3,915,000.00	

Item	Description	Unit	ENGINEER'S ESTIMATE		BID TAB LOW BID	
			Total Quantity	Unit Cost	Total Cost	Dickson Construction Inc.
R131	Gleditsia Triacanthos f. Inermis Skyline Honey Locust	EA	57	\$481.50	\$27,445.50	\$290.00 \$16,530.00
R132	Syringa reticulata Japanese Tree Lilac	EA	44	\$481.50	\$21,186.00	\$290.00 \$12,760.00
R133	Prunus x yedoensis Yoshino Cherry	EA	31	\$481.50	\$14,926.50	\$290.00 \$8,990.00
R134	Prunus cersifera Thunder Cloud	EA	7	\$481.50	\$3,370.50	\$290.00 \$2,030.00
R135	Photinia fraseri Photinia	EA	4	\$481.50	\$1,926.00	\$290.00 \$1,160.00
R136	Bergenia cordifolia 'Pink Dragonfly	EA	385	\$32.10	\$12,358.50	\$9.50 \$3,657.50
R137	Buxus Sempervirens (Boxwood)	EA	452	\$32.10	\$14,509.20	\$9.50 \$4,294.00
R138	Carex Flagellifera Bronze Sedge Grass	EA	45	\$18.50	\$832.50	\$9.50 \$427.50
R139	Carex testacea Orange New Zealand Sedge	EA	293	\$18.50	\$5,420.50	\$9.50 \$2,783.50
R140	Eriophyllum lanatum grandiflora Oregon Sunshine Sedge	EA	685	\$32.10	\$21,988.50	\$9.50 \$6,507.50
R141	Helianthemum 'Wisely Pink' Sun Rose	EA	60	\$32.10	\$1,926.00	\$9.50 \$570.00
R142	Helicotrachon sempervirens Blue Oat Grass	EA	287	\$18.50	\$5,309.50	\$9.50 \$2,726.50
R143	Ilex crenata 'Helleri' Heller holly	EA	2,656	\$32.10	\$85,257.60	\$9.50 \$25,232.00
R144	Lavandula x intermedia 'Fred Boutin' Fred Boutin Lavender	EA	569	\$32.10	\$18,264.90	\$9.50 \$5,405.50
R145	Muhlenbergia capillaries, Muhly Grass	EA	850	\$21.40	\$18,190.00	\$9.50 \$8,075.00
R146	Nassella tenuissima, Feather Grass	EA	410	\$18.50	\$7,585.00	\$9.50 \$3,895.00
R147	Prunus Laurocerasus (Laurel)	EA	225	\$18.50	\$4,162.50	\$9.50 \$2,137.50
R148	Sod (lawn)	SF	1,768	\$18.50	\$32,708.00	\$0.60 \$1,060.80
R90	48" Diameter Precast Concrete Planter	EA	57	\$1,200.00	\$68,400.00	\$1,300.00 \$74,100.00
R91	6' Bench with Intermediate Armrest	EA	7	\$1,250.00	\$8,750.00	\$1,550.00 \$10,850.00
R92	Liter Container with Flat Top	EA	7	\$850.00	\$5,950.00	\$1,200.00 \$8,400.00
R93	4'x6' Tree grate	EA	134	\$1,200.00	\$160,800.00	\$1,575.00 \$211,050.00
R94	5' Diameter Coho Tree Grate	EA	3	\$1,300.00	\$3,900.00	\$1,575.00 \$4,725.00
R149	Irrigation Planting Area 1	LS	1	\$2,760.60	\$2,760.60	\$3,120.00 \$3,120.00
R150	Irrigation Planting Area 2	LS	1	\$2,180.00	\$2,180.00	\$3,120.00 \$3,120.00
R151	Irrigation Planting Area 3	LS	1	\$9,227.68	\$9,227.68	\$3,120.00 \$3,120.00
R152	Irrigation Planting Area 4	LS	1	\$3,295.60	\$3,295.60	\$3,120.00 \$3,120.00
R153	Irrigation Planting Area 5	LS	1	\$1,275.00	\$1,275.00	\$3,120.00 \$3,120.00
R154	Irrigation Planting Area 6	LS	1	\$4,036.04	\$4,036.04	\$3,120.00 \$3,120.00
LANDSCAPE				BID TOTAL	\$730,261.12	\$554,210.30

COST DISTRIBUTION PER RESPONSIBLE AREA						
Property Owner	Extra Work Items	Storm Sewer Utility	Sanitary Sewer Utility	Tacoma Water	Tacoma Power	Totals
\$16,530.00						\$16,530.00
\$12,760.00						\$12,760.00
\$8,990.00						\$8,990.00
\$2,030.00						\$2,030.00
\$1,160.00						\$1,160.00
\$3,657.50						\$3,657.50
\$4,294.00						\$4,294.00
\$427.50						\$427.50
\$2,783.50						\$2,783.50
\$6,507.50						\$6,507.50
\$570.00						\$570.00
\$2,726.50						\$2,726.50
\$25,232.00						\$25,232.00
\$5,405.50						\$5,405.50
\$8,075.00						\$8,075.00
\$3,895.00						\$3,895.00
\$2,137.50						\$2,137.50
\$1,060.80						\$1,060.80
\$74,100.00						\$74,100.00
\$4,650.00	\$6,200.00					\$10,850.00
\$3,600.00	\$4,800.00					\$8,400.00
\$211,050.00						\$211,050.00
\$4,725.00						\$4,725.00
	\$3,120.00					\$3,120.00
	\$3,120.00					\$3,120.00
	\$3,120.00					\$3,120.00
	\$3,120.00					\$3,120.00
	\$3,120.00					\$3,120.00
	\$3,120.00					\$3,120.00
	\$3,120.00					\$3,120.00
\$524,490.30	\$29,720.00	\$0.00				\$554,210.30

SANITARY SEWER QUANTITIES (ENV-00400)						
S1	Mobilization	LS	1	\$150,000.00	\$150,000.00	\$26,950.00 \$26,950.00
S2	Project Temporary Traffic Control	LS	1	\$85,000.00	\$85,000.00	\$43,460.00 \$43,460.00
S3	Remove Existing Pavement Type II, Class AC	SY	1,135	\$15.00	\$17,025.00	\$15.40 \$17,479.00
S4	Remove Manhole	EA	11	\$1,000.00	\$11,000.00	\$625.00 \$6,875.00
S5	Structure Excavation, Class B	CY	6,208	\$15.00	\$93,120.00	\$9.90 \$61,459.20
S6	Crushed Surfacing Top Course	TN	320	\$26.00	\$8,320.00	\$51.60 \$16,512.00
S7	HMA Cl. 1/2" PG 64-22	TN	184	\$135.00	\$24,840.00	\$103.30 \$19,007.20
S8	Cold Plant Mix for Temporary Pavement Patch	TN	50	\$150.00	\$7,500.00	\$116.10 \$5,805.00
S9	Cement Conc. Base Pavement, Cl. 3000, 0.5-Ft. Section	SY	394	\$125.00	\$49,250.00	\$71.25 \$28,072.50
S10	Shoring or Extra Excavation, Class B	CY	57,526	\$0.50	\$28,763.00	\$0.05 \$2,876.30
S11	Removal and Replacement of Unsuitable Backfill Material	SF	4,946	\$35.00	\$173,110.00	\$39.30 \$194,377.80
S12	Manhole, 48" Diam, Type 1	CY	20	\$3,800.00	\$76,000.00	\$3,520.00 \$70,400.00
S13	Manhole, 60" Diam, Type 1	EA	1	\$4,500.00	\$4,500.00	\$4,790.00 \$4,790.00
S14	Manhole, Additional Height 48" Diam, Type 1	LF	15	\$150.00	\$2,250.00	\$81.40 \$1,221.00
S15	PVC Sanitary Sewer Pipe, 6" Diam	LF	1,408	\$80.00	\$112,640.00	\$40.00 \$56,320.00
S16	PVC Sanitary Sewer Pipe, 8" Diam	LF	618	\$85.00	\$52,530.00	\$45.00 \$27,810.00
S17	PVC Sanitary Sewer Pipe, 10" Diam	LF	3,437	\$105.00	\$360,885.00	\$55.00 \$189,035.00
S18	PVC Sanitary Sewer Pipe, 12" Diam	LF	500	\$125.00	\$62,500.00	\$70.00 \$35,000.00
S19	Sewer Cleanout	EA	59	\$800.00	\$47,200.00	\$1,190.00 \$70,210.00
S20	Connect New Sewer Pipe, 8-In. Diam. to Existing Structure	EA	2	\$2,500.00	\$5,000.00	\$2,540.00 \$5,080.00
S21	Connect New Sewer Pipe, 12-In. Diam. to Existing Structure	EA	2	\$2,800.00	\$5,600.00	\$3,530.00 \$7,060.00
S22	Reconnect Existing Sewer Pipe, 8-In. Diam. to New Structure	EA	2	\$2,000.00	\$4,000.00	\$165.00 \$330.00
S23	Reconnect Existing Sewer Pipe, 10-In. Diam. to New Structure	EA	4	\$2,000.00	\$8,000.00	\$190.00 \$760.00
S24	Abandon Existing Manhole	EA	1	\$700.00	\$700.00	\$937.00 \$937.00
S25	Drop Manhole Connection	EA	1	\$1,400.00	\$1,400.00	\$736.00 \$736.00
S26	CDF for Pipe Abandonment	CY	28	\$300.00	\$8,400.00	\$179.00 \$5,012.00
S27	Adjust Existing Manhole, Furnish New Frame and Cover	EA	3	\$550.00	\$1,650.00	\$765.00 \$2,295.00
S28	Testing Sewer Pipe	EA	5,751	\$3.50	\$20,128.50	\$2.50 \$14,377.50
S29	Temporary Sanitary Sewer Bypass Plan	LS	1	\$1,200.00	\$1,200.00	\$750.00 \$750.00
S30	Temporary Sanitary Sewer Bypass	LS	1	\$35,000.00	\$35,000.00	\$13,470.00 \$13,470.00
S31	Erosion Sediment Control (ESC) Lead	DY	30	\$400.00	\$12,000.00	\$38.30 \$1,149.00
S32	Erosion/Water Pollution Control	FA	1	\$10,000.00	\$10,000.00	\$10,000.00 \$0.00
SANITARY SEWER				SUBTOTAL	\$1,479,511.50	\$929,616.50

WATER DISTRIBUTION QUANTITIES (MRP-2004-08)						
W01	Mobilization (1-09.7)	LS	1	\$28,200.00	\$28,200.00	\$30,765.00 \$30,765.00
W02	Traffic Control labor. (See Special Provisions) (1-10)	LS	1	\$29,348.00	\$29,348.00	\$43,460.00 \$43,460.00

\$30,765.00	\$30,765.00
\$43,460.00	\$43,460.00

BROADWAY LID-8645
COST DISTRIBUTION MATRIX

3/30/2017 8:32

BUDGET PER ORDINANCE No. 27475	
\$3,915,000.00	

Item	Description	ENGINEER'S ESTIMATE				BID TAB LOW BID	
		Unit	Total Quantity	Unit Cost	Total Cost	Dickson Construction Inc.	
W03	Removal/Disposal of existing asphalt, concrete sidewalk/curbing	SY	4236	\$18.00	\$76,248.00	\$16.50	\$69,894.00
W04	Temporary HMA Class ½" PG58-22, 4-inch minimum depth, insta	SY	199	\$37.29	\$7,420.71	\$30.50	\$6,069.50
W05	HMA CI ½" PG58-22 pavement for permanent street repairs per C	TN	150	\$132.87	\$19,930.50	\$147.70	\$22,155.00
W06	Cement Concrete Pavement (5-05)	CY	394	\$321.09	\$126,509.46	\$61.85	\$24,368.90
W07	Storm, Sanitary, Side Sewer Restoration (7-04, 7-17, & 7-18)	EA	15	\$606.00	\$9,090.00	\$350.00	\$5,250.00
W08	Trench Excavation & Disposal (7-09.3(7))	CY	3815	\$32.20	\$122,843.00	\$13.70	\$52,265.50
W09	Trench Shoring as required in Special Provisions. (7-09.3(7))	LF	6354	\$1.28	\$8,133.12	\$0.30	\$1,906.20
W10	Crushed Surfacing Top Course for trench backfill per Section 9-0	TN	5920	\$16.12	\$95,430.40	\$11.00	\$65,120.00
W11	Trench Compaction Test (as directed by the Inspector). (7-09.3(1	EA	42	\$146.50	\$6,153.00	\$138.85	\$5,831.70
W12	Test Holes (See Special Provisions). (7-09.3(6))	LS	1	\$11,520.00	\$11,520.00	\$17,400.00	\$17,400.00
W13	12-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Sp	LF	2869	\$54.27	\$155,700.63	\$69.50	\$199,395.50
W14	12-inch Ductile Iron Pipe, Mechanical Joint, ANSI/AWWA, C151,	LF	40	\$75.20	\$3,008.00	\$135.00	\$5,400.00
W15	8-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Spe	LF	2581	\$43.45	\$112,144.45	\$67.75	\$174,862.75
W16	8-inch Ductile Iron Pipe, Mechanical Joint, ANSI/AWWA, C151, S	LF	40	\$56.80	\$2,272.00	\$95.00	\$3,800.00
W17	6-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Spe	LF	33	\$42.60	\$1,405.80	\$65.00	\$2,145.00
W18	6-inch Ductile Iron Pipe, Mechanical Joint, ANSI/AWWA, C151, S	LF	421	\$50.66	\$21,327.86	\$70.00	\$29,470.00
W19	4-inch Ductile Iron Pipe, Mechanical Joint, ANSI/AWWA, C151, S	LF	370	\$48.26	\$17,856.20	\$60.00	\$22,200.00
W20	12-inch Ductile Iron Tee, 3-B, M.J., in place. (9-30.2(1))	EA	1	\$481.00	\$481.00	\$365.00	\$365.00
W21	12-inch x 8-inch Ductile Iron Tee, 3-B, M.J., in place. (9-30.2(1))	EA	1	\$462.00	\$462.00	\$310.00	\$310.00
W22	12-inch x 6-inch Ductile Iron Tee, 3-B, M.J., in place. (9-30.2(1))	EA	8	\$415.00	\$3,320.00	\$270.00	\$2,160.00
W23	12-inch x 4-inch Ductile Iron Tee, 3-B, M.J., in place. (9-30.2(1))	EA	10	\$413.00	\$4,130.00	\$260.00	\$2,600.00
W24	8-inch Ductile Iron Tee, 3-B, M.J., in place. (9-30.2(1))	EA	4	\$282.00	\$1,128.00	\$200.00	\$800.00
W25	8-inch x 6-inch Ductile Iron Tee, 3-B, M.J., in place. (9-30.2(1))	EA	12	\$259.00	\$3,108.00	\$170.00	\$2,040.00
W26	8-inch x 4-inch Ductile Iron Tee, 3-B, M.J., in place. (9-30.2(1))	EA	11	\$294.00	\$3,234.00	\$160.00	\$1,760.00
W27	16-inch x 8-inch Ductile Iron Reducer, 2-B, M.J., w/ anchor, in pla	EA	1	\$538.00	\$538.00	\$630.00	\$630.00
W28	12-inch x 6-inch Ductile Iron Reducer, 2-B, M.J., w/ anchor, in pla	EA	2	\$295.60	\$591.20	\$375.00	\$750.00
W29	8-inch x 6-inch Ductile Iron Reducer, 2-B, M.J., w/ anchor, in plac	EA	3	\$251.00	\$753.00	\$325.00	\$975.00
W30	12-inch Ductile Iron Ell, M.J., 45°, in place (9-30.2(1))	EA	2	\$340.00	\$680.00	\$225.00	\$450.00
W31	12-inch Ductile Iron Ell, M.J., 11¼°, in place (9-30.2(1))	EA	3	\$338.00	\$1,014.00	\$220.00	\$660.00
W32	8-inch Ductile Iron Ell, M.J., 45°, in place (9-30.2(1))	EA	3	\$224.00	\$672.00	\$135.00	\$405.00
W33	8-inch Ductile Iron Ell, M.J., 22½°, in place (9-30.2(1))	EA	4	\$229.00	\$916.00	\$135.00	\$540.00
W34	8-inch Ductile Iron Ell, M.J., 11¼°, in place (9-30.2(1))	EA	3	\$218.00	\$654.00	\$130.00	\$390.00
W35	6-inch Ductile Iron Ell, M.J., 45°, in place (9-30.2(1))	EA	6	\$178.00	\$1,068.00	\$100.00	\$600.00
W36	6-inch Ductile Iron Ell, M.J., 22½°, in place (9-30.2(1))	EA	4	\$177.00	\$708.00	\$100.00	\$400.00
W37	12-inch Ductile Iron Vertical Ell, M.J., 45°, with concrete anchor, i	EA	2	\$708.00	\$1,416.00	\$450.00	\$900.00
W38	12-inch Ductile Iron Vertical Ell, M.J., 22½°, with concrete anchor	EA	2	\$708.00	\$1,416.00	\$450.00	\$900.00
W39	12-inch Ductile Iron Vertical Ell, M.J., 11¼°, with concrete anchor	EA	2	\$688.00	\$1,376.00	\$450.00	\$900.00
W40	8-inch Ductile Iron Vertical Ell, M.J., 45°, with concrete anchor, in	EA	1	\$588.00	\$588.00	\$350.00	\$350.00
W41	8-inch Ductile Iron Vertical Ell, M.J., 22½°, with concrete anchor,	EA	4	\$583.00	\$2,332.00	\$350.00	\$1,400.00
W42	8-inch Ductile Iron Vertical Ell, M.J., 11¼°, with concrete anchor,	EA	3	\$580.00	\$1,740.00	\$350.00	\$1,050.00
W43	6-inch Ductile Iron Vertical Ell, M.J., 45°, with concrete anchor, in	EA	2	\$470.00	\$940.00	\$315.00	\$630.00
W44	6-inch Ductile Iron Vertical Ell, M.J., 22½°, with concrete anchor,	EA	2	\$473.00	\$946.00	\$315.00	\$630.00
W45	4-inch Ductile Iron Vertical Ell, M.J., 11¼°, with concrete anchor,	EA	10	\$461.00	\$4,610.00	\$300.00	\$3,000.00
W46	12-inch Ductile Iron Cap, M.J., tapped 2", installed & removed. (9	EA	3	\$237.00	\$711.00	\$460.00	\$1,380.00
W47	8-inch Ductile Iron Cap, M.J., tapped 2", installed & removed. (9-3	EA	2	\$211.00	\$422.00	\$420.00	\$840.00
W48	6-inch Ductile Iron Cap, M.J., tapped 2", installed & removed. (9-3	EA	7	\$152.80	\$1,069.60	\$400.00	\$2,800.00
W49	4-inch Ductile Iron Cap, M.J., tapped 2", installed & removed. (9-3	EA	15	\$140.00	\$2,100.00	\$390.00	\$5,850.00
W50	12-inch Ductile Iron plug, M.J., installed. (9-30.2(1))	EA	2	\$131.00	\$262.00	\$100.00	\$200.00
W51	8-inch Ductile Iron Plug, M.J., installed. (9-30.2(1))	EA	3	\$86.40	\$259.20	\$60.00	\$180.00
W52	6-inch Ductile Iron Plug, M.J., installed. (9-30.2(1))	EA	1	\$68.00	\$68.00	\$40.00	\$40.00
W53	4-inch Ductile Iron Plug, M.J., installed. (9-30.2(1))	EA	5	\$60.60	\$303.00	\$30.00	\$150.00
W54	12-inch ROMAC 501 Transition Coupling or approved equal with	EA	1	\$471.00	\$471.00	\$285.00	\$285.00
W55	8-inch ROMAC 501 Transition Coupling or approved equal with 7	EA	2	\$344.00	\$688.00	\$170.00	\$340.00
W56	6-inch ROMAC 501 Transition Coupling or approved equal with 7	EA	4	\$309.00	\$1,236.00	\$140.00	\$560.00
W57	6-inch ROMAC EC501 End Cap coupling, tapped 2", in place, or a	EA	5	\$281.60	\$1,408.00	\$122.00	\$610.00
W58	8-inch ROMAC EC501 End Cap coupling, tapped 2", in place, or a	EA	1	\$289.00	\$289.00	\$165.00	\$165.00
W59	10-inch ROMAC EC501 End Cap coupling, tapped 2", in place, or	EA	1	\$371.00	\$371.00	\$300.00	\$300.00
W60	2-inch Blow-Off Assembly, installed (Dwg. 17-56-1) (7-09.3(22)	EA	1	\$934.00	\$934.00	\$850.00	\$850.00
W61	Temporary 2-inch Blow-Off Assembly, installed & removed (Dwg.	EA	30	\$574.00	\$17,220.00	\$600.00	\$18,000.00
W62	12-inch Mechanical Joint Restraining Glands	EA	4	\$88.00	\$352.00	\$77.00	\$308.00
W63	8-inch Mechanical Joint Restraining Glands	EA	4	\$49.60	\$198.40	\$39.00	\$156.00
W64	6-inch Mechanical Joint Restraining Glands	EA	89	\$38.60	\$3,435.40	\$30.00	\$2,670.00
W65	4-inch Mechanical Joint Restraining Glands	EA	72	\$28.40	\$2,044.80	\$25.00	\$1,800.00
W66	Concrete Thrust Anchor, in place. (7-09.3(21))	EA	64	\$212.20	\$13,580.80	\$220.00	\$14,080.00
W67	Temporary Concrete Thrust Anchor, installed & removed (7-09.3(EA	11	\$211.00	\$2,321.00	\$325.00	\$3,575.00
W68	12-inch Ductile Solid Sleeve (Long), M.J., installed. (9-30.2(2))	EA	1	\$449.00	\$449.00	\$185.00	\$185.00
W69	8-inch Ductile Solid Sleeve (Long), M.J., installed. (9-30.2(2))	EA	1	\$372.00	\$372.00	\$125.00	\$125.00
W70	6-inch Ductile Solid Sleeve (Long), M.J., installed. (9-30.2(2))	EA	1	\$323.00	\$323.00	\$100.00	\$100.00
W71	12-inch x 8-inch D.I. Tapping Sleeve, M.J., Mueller pattern for 12	EA	2	\$4,006.00	\$8,012.00	\$1,100.00	\$2,200.00
W72	8-inch x 6-inch D.I. Tapping Sleeve, M.J., Mueller pattern for 8-in	EA	1	\$2,763.00	\$2,763.00	\$880.00	\$880.00
W73	8-inch Tapping Gate Valve, M.J., ANSI/AWWA, C509, with C.I. G	EA	2	\$2,068.00	\$4,136.00	\$6,000.00	\$12,000.00

COST DISTRIBUTION PER RESPONSIBLE AREA						
Property Owner	Extra Work Items	Storm Sewer Utility	Sanitary Sewer Utility	Tacoma Water	Tacoma Power	Totals
				\$69,894.00		\$69,894.00
				\$6,069.50		\$6,069.50
				\$22,155.00		\$22,155.00
				\$24,368.90		\$24,368.90
				\$5,250.00		\$5,250.00
				\$52,265.50		\$52,265.50
				\$1,906.20		\$1,906.20
				\$65,120.00		\$65,120.00
				\$5,831.70		\$5,831.70
				\$17,400.00		\$17,400.00
				\$199,395.50		\$199,395.50
				\$5,400.00		\$5,400.00
				\$174,862.75		\$174,862.75
				\$3,800.00		\$3,800.00
				\$2,145.00		\$2,145.00
				\$29,470.00		\$29,470.00
				\$22,200.00		\$22,200.00
				\$365.00		\$365.00
				\$310.00		\$310.00
				\$2,160.00		\$2,160.00
				\$2,600.00		\$2,600.00
				\$800.00		\$800.00
				\$2,040.00		\$2,040.00
				\$1,760.00		\$1,760.00
				\$630.00		\$630.00
				\$750.00		\$750.00
				\$975.00		\$975.00
				\$450.00		\$450.00
				\$660.00		\$660.00
				\$405.00		\$405.00
				\$540.00		\$540.00
				\$390.00		\$390.00
				\$600.00		\$600.00
				\$400.00		\$400.00
				\$900.00		\$900.00
				\$900.00		\$900.00
				\$900.00		\$900.00
				\$350.00		\$350.00
				\$1,400.00		\$1,400.00
				\$1,050.00		\$1,050.00
				\$630.00		\$630.00
				\$630.00		\$630.00
				\$3,000.00		\$3,000.00
				\$1,380.00		\$1,380.00
				\$840.00		\$840.00
				\$2,800.00		\$2,800.00
				\$5,850.00		\$5,850.00
				\$200.00		\$200.00
				\$180.00		\$180.00
				\$40.00		\$40.00
				\$150.00		\$150.00
				\$285.00		\$285.00
				\$340.00		\$340.00
				\$560.00		\$560.00
				\$610.00		\$610.00
				\$165.00		\$165.00
				\$300.00		\$300.00
				\$850.00		\$850.00
				\$18,000.00		\$18,000.00
				\$308.00		\$308.00
				\$156.00		\$156.00
				\$2,670.00		\$2,670.00
				\$1,800.00		\$1,800.00
				\$14,080.00		\$14,080.00
				\$3,575.00		\$3,575.00
				\$185.00		\$185.00
				\$125.00		\$125.00
				\$100.00		\$100.00
				\$2,200.00		\$2,200.00
				\$880.00		\$880.00
				\$12,000.00		\$12,000.00

BROADWAY LID-8645
COST DISTRIBUTION MATRIX
3/30/2017 8:32

BUDGET PER ORDINANCE No. 27475	
\$3,915,000.00	

Item	Description	Unit	ENGINEER'S ESTIMATE			BID TAB LOW BID	
			Total Quantity	Unit Cost	Total Cost	Dickson Construction Inc.	
W74	6-inch Tapping Gate Valve, M.J., ANSI/AWWA, C509, with C.I. C	EA	1	\$1,902.00	\$1,902.00	\$4,580.00	\$4,580.00
W75	12-inch Butterfly valve, M.J., ANSI/AWWA, C504, with C.I. valve	EA	16	\$1,493.40	\$23,894.40	\$1,440.00	\$23,040.00
W76	8-inch Gate Valve, M.J., ANSI/AWWA, C509, with C.I. Gate Box.	EA	21	\$1,102.00	\$23,142.00	\$1,115.00	\$23,415.00
W77	6-inch Gate Valve, M.J., ANSI/AWWA, C509, with C.I. Gate Box.	EA	22	\$785.20	\$17,274.40	\$840.00	\$18,480.00
W78	4-inch Gate Valve, M.J., ANSI/AWWA, C509, with C.I. Gate Box.	EA	21	\$684.20	\$14,368.20	\$730.00	\$15,330.00
W79	6-inch Hydrant, M.J., 4½-ft bury, with 4-inch Tacoma Standard Th	EA	12	\$2,459.00	\$29,508.00	\$2,440.00	\$29,280.00
W80	6-inch Hydrant, M.J., 4-ft bury, with 4-inch Tacoma Standard Thre	EA	1	\$2,375.00	\$2,375.00	\$2,410.00	\$2,410.00
W81	6-inch Hydrant, M.J., 3 1/2-ft bury, with 4-inch Tacoma Standard	EA	3	\$2,342.00	\$7,026.00	\$2,375.00	\$7,125.00
W82	Catch Basin Inserts (8-01)	EA	6	\$79.20	\$475.20	\$100.00	\$600.00
W83	Cement Conc. Sidewalk (8-14)	SY	20	\$46.93	\$938.60	\$44.60	\$892.00
W84	Removal/Disposal of Sub-Surface Railroad/Trolley Bedding. Inclu	SY	1000	\$33.40	\$33,400.00	\$30.50	\$30,500.00
W85	Removal/Disposal of Asbestos Wrapped Steam Line", per lineal f	LF	1000	\$35.37	\$35,370.00	\$13.30	\$13,300.00
W86	Erosion Control and Water Pollution Control (8-01)	FA	1	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
W87	Force Account (1-09.6)	FA	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
WATER DISTRIBUTION				SUBTOTAL	\$1,201,835.33		\$1,046,935.05

COST DISTRIBUTION PER RESPONSIBLE AREA						
Property Owner	Extra Work Items	Storm Sewer Utility	Sanitary Sewer Utility	Tacoma Water	Tacoma Power	Totals
				\$4,580.00		\$4,580.00
				\$23,040.00		\$23,040.00
				\$23,415.00		\$23,415.00
				\$18,480.00		\$18,480.00
				\$15,330.00		\$15,330.00
				\$29,280.00		\$29,280.00
				\$2,410.00		\$2,410.00
				\$7,125.00		\$7,125.00
				\$600.00		\$600.00
				\$892.00		\$892.00
				\$30,500.00		\$30,500.00
				\$13,300.00		\$13,300.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$1,046,935.05		\$1,046,935.05

POWER DISTRIBUTION QUANTITIES (10000029032)							
E1	Joint Trench Excavation including the disposal of spoils, per cubic	CY	6750	\$90.00	\$607,500.00	\$96.00	\$648,000.00
E2	Extra Depth for Power including the disposal of spoils, per cubic y	CY	725	\$70.00	\$50,750.00	\$30.20	\$21,895.00
E3	Backfill including delivery and application, per cubic yard	CY	3350	\$140.00	\$469,000.00	\$78.80	\$263,980.00
E4	Backfill including delivery and application per cubic yard	CY	4100	\$50.00	\$205,000.00	\$30.20	\$123,820.00
E5	2" Green (Click!) Schedule 40 PVC, per linear foot	LF	29000	\$1.80	\$52,200.00	\$2.15	\$62,350.00
E6	2" UL Listed Gray (Power) Schedule 40 PVC, per linear foot	LF	7400	\$1.80	\$13,320.00	\$2.15	\$15,910.00
E7	2" Gray (Qwest) Schedule DB120 PVC , per linear foot	LF	4500	\$1.80	\$8,100.00	\$1.85	\$8,325.00
E8	2" White (Comcast) Schedule 40 PVC , per linear foot	LF	20000	\$1.80	\$36,000.00	\$2.15	\$43,000.00
E9	4" UL Listed Gray (Power) Schedule 40 PVC, per linear foot	LF	24520	\$3.00	\$73,560.00	\$4.30	\$105,436.00
E10	4" UL Listed Gray (Qwest) Schedule DB 120 PVC , per linear foot	LF	8245	\$3.00	\$24,735.00	\$4.30	\$35,453.50
E11	6" UL Listed Gray (Power) Schedule 40 PVC, per linear foot	LF	13820	\$6.00	\$82,920.00	\$6.70	\$92,594.00
E12	Riser - 2" UL Listed Gray Schedule 80 PVC (Click!), per each	EA	2	\$1,500.00	\$3,000.00	\$540.00	\$1,080.00
E13	Riser - 6" UL Listed Gray Schedule 80 PVC (Power), per each	EA	5	\$2,500.00	\$12,500.00	\$1,080.00	\$5,400.00
E14	Proofing of Conduit, per linear foot	LF	106445	\$0.20	\$21,289.00	\$0.20	\$21,289.00
E15	Furnish & Installation of Pull Tape, per linear foot	LF	106445	\$0.25	\$26,611.25	\$0.50	\$53,222.50
E16	Stub out of Conduit -for 6-2", 3-4", & 2-6", per each	EA	11	\$50.00	\$550.00	\$108.00	\$1,188.00
E17	Vault Excavation, Removal, & Disposal of Spoils, per cubic yard	CY	3770	\$120.00	\$452,400.00	\$20.10	\$75,777.00
E18	Vault Bedding	CY	280	\$25.00	\$7,000.00	\$50.90	\$14,252.00
E19	Vault Backfill – Gravel Borrow-Delivered & Compacted, per cubic	CY	580	\$50.00	\$29,000.00	\$32.40	\$18,792.00
E20	25-TA Concrete Handhole (Click! & Comcast) , per each, includin	EA	58	\$2,060.00	\$119,480.00	\$2,090.00	\$121,220.00
E21	233 Concrete Handhole (Power), per each, including 2'-8"x3'-8" c	EA	1	\$1,475.00	\$1,475.00	\$1,405.00	\$1,405.00
E22	264-TA Concrete Handhole 6' 7"x3'1"x4'1'-1/2" (Qwest) w/ cover	EA	22	\$2,500.00	\$55,000.00	\$2,090.00	\$45,980.00
E23	3030-LA Concrete Handhole 2' 6"x 2'-6"x 2' (Comcast) including c	EA	11	\$750.00	\$8,250.00	\$986.00	\$10,846.00
E24	467-TA Concrete Handhole 6'10"x4'10"x8' (Qwest) w/ cover w/ 4	EA	3	\$6,000.00	\$18,000.00	\$3,643.00	\$10,929.00
E25	554 Concrete Vault (Power), per each, including 4'8"x4'8"x4" Cov	EA	1	\$5,000.00	\$5,000.00	\$1,245.00	\$1,245.00
E26	554 Concrete Vault (Power), per each, including 4'8"x4'8"x4" Cov	EA	3	\$5,000.00	\$15,000.00	\$1,351.00	\$4,053.00
E27	577 Concrete Vault (Power), per each, including Cover w/ 3'x3' st	EA	1	\$5,500.00	\$5,500.00	\$2,966.00	\$2,966.00
E28	5104 Concrete Vault (Power), per each, including 6'x10'6" cover v	EA	27	\$6,550.00	\$176,850.00	\$8,486.00	\$229,122.00
E29	5106-TCA - Concrete Vault 11'2" x 5'8" x 7'2" (Qwest) w/ cover w	EA	1	\$7,500.00	\$7,500.00	\$6,575.00	\$6,575.00
E30	814 Vault (Power), per each, including: 2 – 42" Man-hole covers &	EA	2	\$16,200.00	\$32,400.00	\$17,430.00	\$34,860.00
E31	10 x 20 Panel Vault (Power), per each, including 2 – 4'8"x4'8"x4"	EA	4	\$47,000.00	\$188,000.00	\$38,880.00	\$155,520.00
E32	10 x 20 Panel Vault (Power), per each, including 2 – 42" Manhole	EA	1	\$47,500.00	\$47,500.00	\$38,880.00	\$38,880.00
E33	Remove existing Pavement Type 1, Class C6, per square yard	SY	680	\$10.00	\$6,800.00	\$16.95	\$11,526.00
E34	Remove Curb & Gutter, per linear foot	LF	170	\$5.00	\$850.00	\$4.70	\$799.00
E35	Cement Conc. Traffic Curb and Gutter, per linear foot	LF	170	\$14.00	\$2,380.00	\$20.70	\$3,519.00
E36	Cement Conc. Sidewalk per square yard	SY	680	\$28.00	\$19,040.00	\$42.00	\$28,560.00
E37	Cement Conc. Driveway Entrance, per square yard	SY	88	\$48.00	\$4,224.00	\$50.25	\$4,422.00
E38	Remove Existing Pavement Type I, Class MA, per square yard	SY	134	\$16.00	\$2,144.00	\$26.00	\$3,484.00
E39	Cold Plant Mix for Temporary Pavement Patch, per Ton	TN	5	\$100.00	\$500.00	\$270.00	\$1,350.00
E40	Crushed Surfacing Top Course, per ton	TN	10	\$25.00	\$250.00	\$161.00	\$1,610.00
E41	HMA Cl. 1/2" PG 64-22, per ton	TN	12	\$85.00	\$1,020.00	\$225.00	\$2,700.00
POWER DISTRIBUTION				SUBTOTAL	\$2,892,598.25		\$2,333,335.00

SUBTOTAL CONSTRUCTION	\$12,685,631.10	\$10,985,807.85					\$10,985,807.85
SALES TAX	\$483,125.73	\$379,270.01					\$379,270.01
FORCE ACCOUNT	\$83,000.00	\$83,000.00	20,000		\$81,806.25	\$92,130.28	\$205,333.48
					10,000	\$53,000.00	\$83,000.00
							\$11,448,077.86
TOTAL CONSTRUCTION CONTRACT LID-8645	\$13,231,756.83	\$11,448,077.86					
% DIFFERENCE BID vs. ENGINEER'S ESTIMATE	-0.134803						
SUBTOTALS PER RESPONSIBLE AREA							
	\$3,517,639.62	\$288,717.65	\$1,273,933.58	\$1,643,863.09	\$1,690,773.36	\$3,033,150.56	\$11,448,077.86

BROADWAY LID-8645
COST DISTRIBUTION MATRIX
3/30/2017 8:32

BUDGET PER ORDINANCE No. 27475	
\$3,915,000.00	

Item	Description	ENGINEER'S ESTIMATE				BID TAB LOW BID
		Unit	Total Quantity	Unit Cost	Total Cost	Dickson Construction Inc.

COST DISTRIBUTION PER RESPONSIBLE AREA						
Property Owner	Extra Work Items	Storm Sewer Utility	Sanitary Sewer Utility	Tacoma Water	Tacoma Power	Totals
\$20,000.00	\$0.00	\$0.00	\$10,000.00	\$53,000.00	\$0.00	

Check					
ADMINISTRATIVE COSTS					
	PE (6-28-07 LTD from SAP - actual)				\$621,912.00
	PE (less LID Admin costs & PM Labor)			\$419,303.73	
	Feasibility Study (Early work paid by Utilities)			\$48,500.00	
	LID Formation & Admin (LTD from SAP)			\$54,630.84	
	Landscaping (Bruce Dees) per agreement			\$37,900.00	\$37,900.00
	Potholing (APS) per SOS			\$7,917.00	\$7,917.00
	Special Inspection (Earth Consultants) per agreement			\$84,000.00	\$84,000.00
	Structural Sidewalk Design and Bid Docs (PCS) per agreement			\$124,997.00	\$124,997.00
	agreement			\$45,003.00	\$45,003.00
	Geotechnical (Landau Associates) Preliminary Rpt; Contamination Investigation. Per agreement			\$49,500.00	\$49,500.00
	CE				
	Project Manager Labor per SAP (LTD)				\$93,191.56
	CE at 1% (City Staff)				
	Construction Management (Harris & Associate & City Staff) per agreement			\$1,500,000.00	\$1,500,000.00
	Other				
	LID Finalization			\$25,000.00	
	Maintenance Fee	LS	1	\$300,000.00	\$300,000.00
	Collection Fee		244	\$180.00	\$43,920.00
	Treasurer's Fee		244	\$15.00	\$3,660.00
	C.L.I.D Legal Fee			\$175.00	
	Special Benefit Study	LS	1	\$75,000.00	
	Interest	4.90%			\$ 523,209.52
	Bond Issuance Fees	3.62%			\$ 37,747.40

ADMINISTRATIVE COSTS

STRUCTURAL SIDEWALK					
200505-005-0 thru	WILLIAMS & DAME (ELKS)	SF	600	\$78.17	\$46,900.00
1	PAUL H PFLEGER %SECURITY PROPERTIES INC	SF	1000	\$105.05	\$105,053.00
1	INC	SF	1300	\$106.35	\$138,259.00
0 thru	SEVENCOM LLC INC. C/O LORIG MANAGEMENT SVCS	SF	1300	\$167.66	\$217,952.00
0	ALAN GORSUCH	SF	600	\$93.33	\$56,000.00
0	BROADWAY LLC (MECCA)	SF	800	\$83.75	\$67,000.00
0	WINTHROP APARTMENTS LLC	SF	3700	\$55.51	\$205,400.00
0	2000 ARMSTRONG FAMILY LP	SF	700	\$188.54	\$131,980.00

\$229,193.38		\$83,003.71	\$107,106.63			\$419,303.73
\$48,500.00						\$48,500.00
\$20,295.70		\$7,350.21	\$9,484.59	\$17,500.35		\$54,630.84
\$37,900.00						\$37,900.00
\$1,979.25		\$1,218.03	\$1,522.44	\$1,218.03	\$1,979.25	\$7,917.00
\$84,000.00						\$84,000.00
	\$124,997.00					\$124,997.00
	\$45,003.00					\$45,003.00
\$0.00		\$19,103.50	\$19,103.50	\$11,293.00		\$49,500.00
\$34,946.84		\$14,337.52	\$17,920.74	\$14,337.52	\$11,648.95	\$93,191.56
\$43,314.99	\$72,226.00	\$13,816.98	\$14,101.19	\$13,501.98	\$24,379.21	\$181,340.35
\$525,000.00		\$230,775.00	\$288,450.00	\$230,775.00	\$225,000.00	\$1,500,000.00
\$19,690.56	\$5,309.44					\$25,000.00
\$300,000.00						\$300,000.00
\$43,920.00						\$43,920.00
\$3,660.00						\$3,660.00
\$161.73	\$13.27					\$175.00
\$75,000.00						
\$483,523.32	\$39,686.19					\$523,209.52
\$34,884.21	\$ 2,863.19					\$37,747.40
\$1,985,969.99	\$290,098.10	\$369,604.95	\$457,689.09	\$288,625.88	\$263,007.41	\$3,579,995.40

\$56,280.00
\$105,053.00
\$138,259.00
\$217,952.00
\$56,000.00
\$80,400.00
\$236,210.00
\$131,980.00