

2014 TRANSPORTATION IMPACT FEE
Annual Adjustment of Transportation Impact Fee
For Increases/Decreases in Cost of Labor, Construction Materials and Real Property
2014 - 2019 Capital Facilities Plan Cycle

Method: Inflate based on updated 2013 CFP cost and WSDOT CCI 5.2%, COLA 2%, ROW varies.

FN = $(L*(1+COLA)) + (C*(1+CCI)) + (ROW*(1+PI))$, where:

FN = Funds Needed that are adjusted for inflation

L = Current Year Labor Cost

C = Current Year Construction Cost

ROW = Current Year Right-of-Way Cost

COLA = Cost of Living Adjustment Percent

CCI = Construction Cost Index (WSDOT CCI) Percent (3-year average)

PI = Property Value Inflation Percent

Boulevard Rd and Log Cabin Rd - Phase 2, East Leg			
	<u>2013</u>	<u>Inflation</u>	<u>2014</u>
Engineering	328,300	1.02	334,900
Construction	2,075,500	1.052	2,183,400
TOTAL	2,403,800		2,518,300
Boulevard Rd and Morse Merryman Intersection Improvements			
(Updated estimate for 2014 based on grant estimate.)	<u>2013</u>	<u>Inflation</u>	<u>2014</u>
Engineering	404,000	x	948,400
Construction	2,782,300	x	3,145,400
Right of Way	448,500	x	448,500
TOTAL	3,634,800		4,542,300
Boulevard Rd and 22nd Ave Intersection Improvements			
(Updated estimate for 2014 based on current estimate)	<u>2013</u>	<u>Inflation</u>	<u>2014</u>
Engineering	623,600	x	1,212,080
Construction	2,833,700	x	2,903,480
Right of Way	1,423,200	x	775,000
TOTAL	4,880,500		4,890,560
Cain Road & North Street Intersection Improvements			
	<u>2013</u>	<u>Inflation</u>	<u>2014</u>
Engineering	295,300	1.02	301,200
Construction	2,124,900	1.052	2,235,400
Right of Way	170,000	0.861	146,300
TOTAL	2,590,200		2,682,900
Fones Road from 17th Ave to Pacific Ave Phase 2b (North/South), Roadway Widening			
	<u>2013</u>	<u>Inflation</u>	<u>2014</u>
Engineering	1,547,900	1.02	1,578,900
Construction	8,869,000	1.052	9,330,200
Right of Way	4,954,200	0.919	4,554,200
	15,371,100		15,463,300

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Henderson Boulevard & Eskridge Boulevard Intersection Improvements			<u>2013</u>	<u>Inflation</u>	<u>2014</u>
	Engineering		386,700	1.02	394,400
	Construction		2,621,100	1.052	2,757,400
	Right of Way		296,500	0.857	254,000
	TOTAL		3,304,300		3,405,800
Log Cabin Road Extension			<u>2013</u>	<u>Inflation</u>	<u>2014</u>
	Engineering		1,661,000	1.02	1,694,200
	Construction		9,117,000	1.052	9,591,100
	Right of Way		4,547,300	0.878	3,990,200
	TOTAL		15,325,300		15,275,500
	City Share 25%		3,831,325		3,818,875
West Olympia Access Interchange Justification Report (IJR)			<u>2013</u>	<u>Inflation</u>	<u>2014</u>
	Engineering		1,600,000	x	1,600,000
(Updated estimate based on West Olympia Access Study IJR estimate.)	Construction		0	x	0
	Right of Way		0	x	0
			1,600,000		1,600,000
Wiggins Road & 37th Avenue Intersection Improvements			<u>2013</u>	<u>Inflation</u>	<u>2014</u>
	Engineering		658,500	1.02	671,700
	Construction		4,522,000	1.052	4,757,100
	Right of Way		1,239,700	0.88	1,089,900
	TOTAL		6,420,200		6,518,700

**Transportation Impact Fees
Cost Distribution**

PROJECT/STREET	A1	A12	A15	A16	A17
	COST	Total Funds Appropriated or Assigned through August 31, 2013	Not Debt Financed	Payment Schedule for Horizon Year Debt Based on Bond Issuance	Total Funds Needed for Horizon Year A15 + A16
Fones Road - 18th Avenue to Pacific (CG23)	\$15,463,300	\$57,988	\$15,405,312	\$0	\$15,405,312
Henderson Boulevard and Eskridge Boulevard Intersection Improvements	\$3,405,800	\$118,447	\$3,287,353	\$0	\$3,287,353
Wiggins Road and 37th Avenue Intersection Improvements	\$6,518,700	\$141,564	\$6,377,136	\$0	\$6,377,136
Cain Road and North Street Intersection Improvements	\$2,682,900	\$2,756	\$2,680,144	\$0	\$2,680,144
Boulevard Road Intersection Improvements Log Cabin - Phase 2 (East Leg)	\$2,518,300	\$28,624	\$2,489,676	\$0	\$2,489,676
Boulevard Road Intersection Improvements 22nd Avenue	\$4,890,560	\$3,536,403	\$1,354,157	\$0	\$1,354,157
Boulevard Road Intersection Improvements Morse-Merryman	\$4,542,300	\$687,067	\$3,855,233	\$0	\$3,855,233
Log Cabin Road Extension, Phase I County Property to Extension of Hoffman Road	\$3,818,875	\$40,310	\$3,778,565	\$0	\$3,778,565
West Olympia Access Study Interchange Justification Report	\$1,600,000	\$850,881	\$749,119	\$0	\$749,119
Debt Service	\$2,619,325	\$0	\$0	\$2,619,325	\$2,619,325
Total	\$48,060,060	\$5,464,040	\$39,976,695	\$2,619,325	\$42,596,020

Percent of new project traffic due to growth within City of Olympia and UGA	65.1713636%
Project Costs Allowable for Impact Fees	\$27,760,407
New PM Peak Hour Trips	10,458
Cost Per Trip	\$2,654