

# Updated Comparison of Project Estimates for the 528 and 417 Routes

October 13th, 2021

## SR528 PRELIMINARY ESTIMATE PRIOR TO RECENT DESIGN \$1,664,000,000

ITEM/ELEMENT BEING UPDATED	INCREASES	COST	DECREASES
Track & Ballast	\$ 7,712,935	\$ 98,409,884	
MSE Walls	\$ 23,991,383	\$ 69,847,850	
Bridges		\$ 237,680,864	\$ (309,092,458)
Civil/Site		\$ 188,415,694	
Train Control & Signals		\$ 84,770,620	
Contractor Indirect & General Costs		\$ 141,886,978	\$ (57,953,647)
Station Building		\$ 114,000,000	
Passenger Platform At-Grade		\$ 12,000,000	
Professional Fees (Design /Permitting)		\$ 72,919,915	\$ (25,821,318)
Project Management		\$ 31,251,392	\$ (11,066,279)
Construction Allowance/Contingency		\$ 117,429,474	\$ (41,582,382)
Land		\$ 78,674,604	
Land Acquisition Support (Legal/Appraisers/Surveyors)		\$ 2,550,000	

**ROUTE 528 UPDATED TOTAL: \$1,250,000,000**

**ROUTE 528 REDUCES BY  
\$414,000,000**

## SR417 PRELIMINARY ESTIMATE PROVIDED BY BRIGHTLINE \$1,058,000,000

ITEM/ELEMENT BEING UPDATED	INCREASES	COST	DECREASES
Track & Ballast	\$ 11,445,373	\$ 103,351,931	
MSE Walls	\$ 75,088,801	\$ 171,430,725	
Bridges	\$ 26,860,392	\$ 197,616,672	
Civil/Site	\$ 20,102,741	\$ 193,991,447	
Train Control & Signals	\$ 9,638,314	\$ 93,009,734	
Contractor Indirect & General Costs	\$ 29,904,779	\$ 158,658,653	
Station Building		\$ 57,000,000	
Passenger Platform At-Grade		\$ 9,000,000	
Professional Fees (Design /Permitting)	\$ 13,324,111	\$ 75,772,555	
Project Management	\$ 5,710,333	\$ 32,473,952	
Construction Allowance/Contingency	\$ 5,710,333	\$ 122,023,336	
Land		\$ 56,179,536	
Land Acquisition Support (Legal/Appraisers/Surveyors)		\$ 1,300,000	

**ROUTE 417 UPDATED TOTAL: \$1,272,000,000**

**ROUTE 417 INCREASES BY  
\$214,000,000**

Both Projects are Estimated to Cost Between \$1.2 and \$1.3 billion based on the Updated Comparison and using Current Construction Costs.

**CONCLUSION:** There is no significant cost difference between the two routes. The updated estimates indicate a \$22,000,000 (less than 2% of total) cost difference with the SR417 Route being more costly than the SR528/TVR Route.