

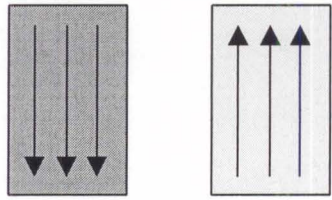
I-5 Transportation and Trade Partnership

River Crossing Options for Bridge Influence Area Analysis

New Bridge West Existing Bridges New Bridge East

South-bound North-bound

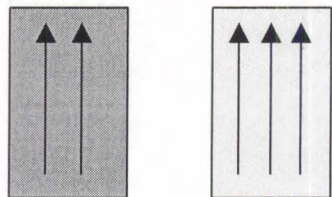
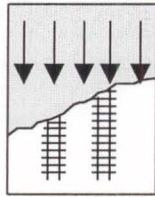
Current Configuration:
Three lanes southbound, three lanes northbound.



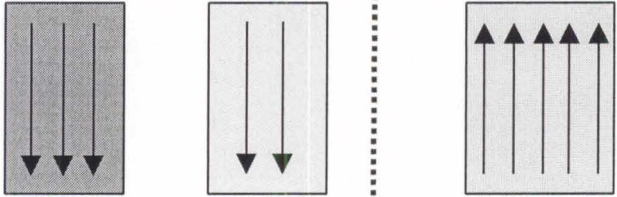
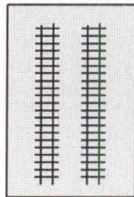
Ten Freeway lanes plus LRT

Eight Freeway lanes, LRT, and two arterial lanes

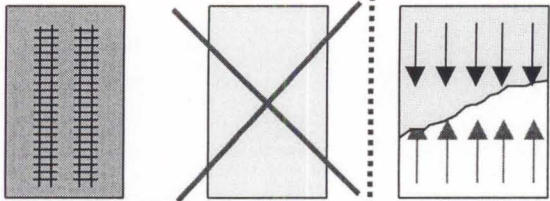
Option 1a:
New five-lane bridge west, plus LRT on lower deck. Use existing bridges for northbound freeway traffic.



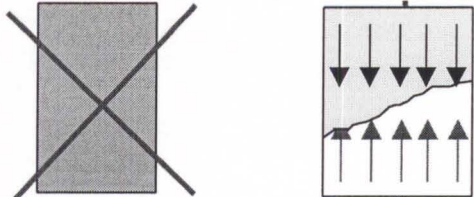
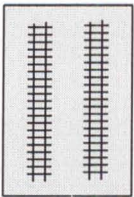
Option 1b:
New five-lane bridge east, LRT on new bridge west. Use existing bridges for southbound freeway traffic.



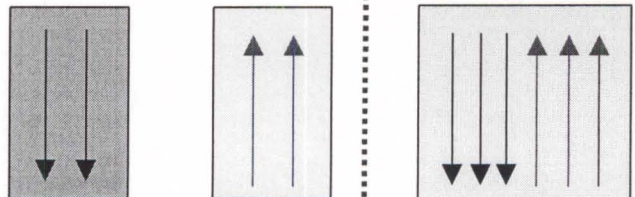
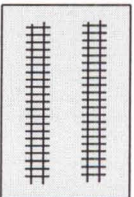
Option 2a:
New ten-lane, double-deck bridge east of existing bridges. LRT on existing southbound bridge.



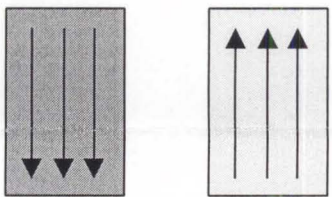
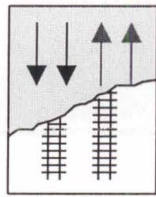
Option 2b:
New ten-lane, double-deck bridge in place of existing northbound bridge. LRT on new bridge.



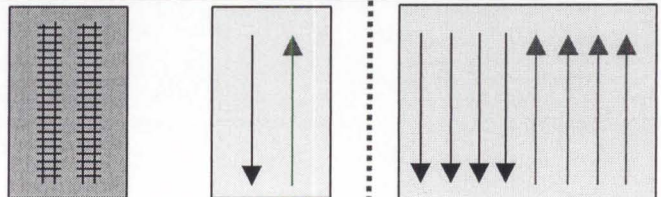
Option 3:
New six-lane bridge east of existing bridges, new LRT bridge west.



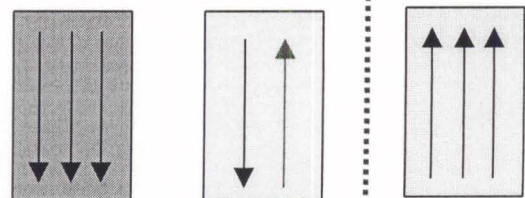
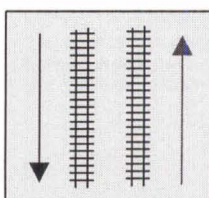
Option 4:
New four-lane bridge west of existing bridges with LRT on lower deck.



Option 5:
New eight-lane bridge east of existing bridges, local arterial on existing northbound bridge, LRT on existing southbound bridge.



Option 6:
New three-lane bridge east of existing bridges, two-lane local arterial, and LRT on new bridge west of existing bridges.



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River Crossing Options for Bridge Influence Area Analysis

	New bridge West	Existing Bridges		New Bridge East	Analysis Tasks						
		South-bound	North-bound		Prepare Schematic Illustration	"Manual" Review of Traffic Op's	VISSIM	Concept Design w/ ramps N & S	Metro modeling		
Current Configuration: Three lanes southbound, three lanes northbound					Yes					No	
Option 1a: New five lane bridge <u>west</u> , plus LRT on lower deck. Use existing bridges for northbound freeway traffic.					Yes		Yes (w/ 2b)	Yes		No	
Option 1b: New five lane bridge <u>east</u> , LRT on new bridge <u>west</u> . Use existing bridges for southbound freeway traffic.					Yes			No	No	No	
Option 2a: New ten lane, double deck bridge <u>east</u> of existing bridges. LRT on existing southbound bridge.					Yes			No	No	No	
Option 2b: New ten lane, double deck bridge in place of existing northbound bridge. LRT on new bridge.					Yes			Yes	No	No	
Option 3: New six lane bridge <u>east</u> of existing bridges, new LRT bridge <u>west</u> .					Yes			No	No	No	
Option 4: New four lane bridge <u>west</u> of existing bridges with LRT on lower deck.					Yes			Yes	No	No	
Option 5: New eight lane lane bridge <u>east</u> of existing bridges, local arterial on existing northbound bridge, LRT on existing southbound bridge.					Yes			No	No	No	
Option 6: New three lane bridge <u>east</u> of existing bridges, two lane local arterial and LRT on new bridge <u>west</u> of existing bridges.					Yes		Yes	Yes	Yes	Yes	

Ten Freeway lanes plus LRT

Eight Freeway, LRT, and two arterial lanes