

# Option A

## Economic Efficiency of the Transport System (TEE)

<u>Non-business: Commuting</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	365,016	365,016	365,016	-	-	-	
Vehicle operating costs	- 2,886	- 2,886	- 2,886			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: COMMUTING</b>	<b>362,130</b>	(1a)	<b>362,130</b>	-	-	-	
<u>Non-business: Other</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	326,287	326,287	326,287	-	-	-	
Vehicle operating costs	- 4,740	- 4,740	- 4,740			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: OTHER</b>	<b>321,547</b>	(1b)	<b>321,547</b>	-	-	-	
<u>Business</u>			Goods Vehicles	Business Cars & LGVs	Passengers	Freight	Passengers
<u>User benefits</u>							
Travel time	112,965	112,965	30,301	82,664	-	-	-
Vehicle operating costs	17,915	17,915	6,547	11,368			-
User charges	-	-	-	-	-	-	-
During Construction & Maintenance	-	-	-	-	-	-	-
Subtotal	<b>130,880</b>	(2)	<b>36,848</b>	<b>94,032</b>	-	-	-
Private sector provider impacts						Freight	Passengers
Revenue	-	-			-	-	-
Operating costs	-	-			-	-	-
Investment costs	-	-			-	-	-
Grant/subsidy	-	-			-	-	-
Subtotal	-	(3)			-	-	-
Other business impacts							
Developer contributions	-	(4)	-	-	-	-	-
<b>NET BUSINESS IMPACT</b>	<b>130,880</b>	(5) = (2) + (3) + (4)					
<b>TOTAL</b>							
<b>Present Value of Transport Economic Efficiency Benefits (TEE)</b>	<b>814,557</b>	(6) = (1a) + (1b) + (5)					

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# Option B

## Economic Efficiency of the Transport System (TEE)

<u>Non-business: Commuting</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	351,022	351,022	351,022	-	-	-	
Vehicle operating costs	- 4,953	- 4,953	- 4,953			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: COMMUTING</b>	<b>346,069</b>	(1a)	<b>346,069</b>	-	-	-	
<u>Non-business: Other</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	335,584	335,584	335,584	-	-	-	
Vehicle operating costs	- 10,634	- 10,634	- 10,634			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: OTHER</b>	<b>324,950</b>	(1b)	<b>324,950</b>	-	-	-	
<u>Business</u>			Goods Vehicles	Business Cars & LGVs	Passengers	Freight	Passengers
<u>User benefits</u>							
Travel time	114,974	114,974	32,194	82,780	-	-	-
Vehicle operating costs	15,009	15,009	5,823	9,186			-
User charges	-	-	-	-	-	-	-
During Construction & Maintenance	-	-	-	-	-	-	-
Subtotal	<b>129,983</b>	(2)	<b>38,017</b>	<b>91,966</b>	-	-	-
Private sector provider impacts						Freight	Passengers
Revenue	-	-			-	-	-
Operating costs	-	-			-	-	-
Investment costs	-	-			-	-	-
Grant/subsidy	-	-			-	-	-
Subtotal	-	(3)			-	-	-
Other business impacts							
Developer contributions	-	(4)	-	-	-	-	-
<b>NET BUSINESS IMPACT</b>	<b>129,983</b>	(5) = (2) + (3) + (4)					
<b>TOTAL</b>							
<b>Present Value of Transport Economic Efficiency Benefits (TEE)</b>	<b>801,002</b>	(6) = (1a) + (1b) + (5)					

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# Option C

## Economic Efficiency of the Transport System (TEE)

<u>Non-business: Commuting</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	191,853	191,853	191,853	-	-	-	
Vehicle operating costs	- 11,513	- 11,513	- 11,513			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: COMMUTING</b>	<b>180,340</b>	(1a)	<b>180,340</b>	-	-	-	
<u>Non-business: Other</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	160,362	160,362	160,362	-	-	-	
Vehicle operating costs	- 21,043	- 21,043	- 21,043			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: OTHER</b>	<b>139,319</b>	(1b)	<b>139,319</b>	-	-	-	
<u>Business</u>			Goods Vehicles	Business Cars & LGVs	Passengers	Freight	Passengers
<u>User benefits</u>							
Travel time	54,066	54,066	9,796	44,270	-	-	-
Vehicle operating costs	1,012	1,012	- 121	1,133			-
User charges	-	-	-	-	-	-	-
During Construction & Maintenance	-	-	-	-	-	-	-
Subtotal	<b>55,078</b>	(2)	<b>9,675</b>	<b>45,403</b>	-	-	-
Private sector provider impacts						Freight	Passengers
Revenue	-	-				-	-
Operating costs	-	-				-	-
Investment costs	-	-				-	-
Grant/subsidy	-	-				-	-
Subtotal	-	(3)				-	-
Other business impacts							
Developer contributions	-	(4)	-	-	-	-	-
<b>NET BUSINESS IMPACT</b>	<b>55,078</b>	(5) = (2) + (3) + (4)					
<b>TOTAL</b>							
<b>Present Value of Transport Economic Efficiency Benefits (TEE)</b>	<b>374,737</b>	(6) = (1a) + (1b) + (5)					

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# Option D

## Economic Efficiency of the Transport System (TEE)

<u>Non-business: Commuting</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	329,480	329,480	329,480	-	-	-	
Vehicle operating costs	- 5,493	- 5,493	- 5,493			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: COMMUTING</b>	<b>323,987</b>	(1a)	<b>323,987</b>	-	-	-	
<u>Non-business: Other</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	301,562	301,562	301,562	-	-	-	
Vehicle operating costs	- 10,417	- 10,417	- 10,417			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: OTHER</b>	<b>291,145</b>	(1b)	<b>291,145</b>	-	-	-	
<u>Business</u>			Goods Vehicles	Business Cars & LGVs	Passengers	Freight	Passengers
<u>User benefits</u>							
Travel time	99,696	28,791	70,905	-	-	-	-
Vehicle operating costs	11,784	4,581	7,203				-
User charges	-	-	-	-	-	-	-
During Construction & Maintenance	-	-	-	-	-	-	-
Subtotal	<b>111,480</b>	(2)	<b>33,372</b>	<b>78,108</b>	-	-	-
Private sector provider impacts					Freight	Passengers	
Revenue	-				-	-	-
Operating costs	-				-	-	-
Investment costs	-				-	-	-
Grant/subsidy	-				-	-	-
Subtotal	-	(3)			-	-	-
Other business impacts							
Developer contributions	-	(4)	-	-	-	-	-
<b>NET BUSINESS IMPACT</b>	<b>111,480</b>	(5) = (2) + (3) + (4)					
<b>TOTAL</b>							
<b>Present Value of Transport Economic Efficiency Benefits (TEE)</b>	<b>726,612</b>	(6) = (1a) + (1b) + (5)					

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# Option E

## Economic Efficiency of the Transport System (TEE)

<u>Non-business: Commuting</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	336,286	336,286	336,286	-	-	-	
Vehicle operating costs	- 3,236	- 3,236	- 3,236			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: COMMUTING</b>	<b>333,050</b>	(1a)	<b>333,050</b>	-	-	-	
<u>Non-business: Other</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	267,912	267,912	267,912	-	-	-	
Vehicle operating costs	- 5,271	- 5,271	- 5,271			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: OTHER</b>	<b>262,641</b>	(1b)	<b>262,641</b>	-	-	-	
<u>Business</u>			Goods Vehicles	Business Cars & LGVs	Passengers	Freight	Passengers
<u>User benefits</u>							
Travel time	108,981	108,981	27,394	81,587	-	-	-
Vehicle operating costs	16,830	16,830	5,821	11,009			-
User charges	-	-	-	-	-	-	-
During Construction & Maintenance	-	-	-	-	-	-	-
Subtotal	<b>125,811</b>	(2)	<b>33,215</b>	<b>92,596</b>	-	-	-
Private sector provider impacts						Freight	Passengers
Revenue	-	-			-	-	-
Operating costs	-	-			-	-	-
Investment costs	-	-			-	-	-
Grant/subsidy	-	-			-	-	-
Subtotal	-	(3)			-	-	-
Other business impacts							
Developer contributions	-	(4)	-	-	-	-	-
<b>NET BUSINESS IMPACT</b>	<b>125,811</b>	(5) = (2) + (3) + (4)					
<b>TOTAL</b>							
<b>Present Value of Transport Economic Efficiency Benefits (TEE)</b>	<b>721,502</b>	(6) = (1a) + (1b) + (5)					

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# Option F

## Economic Efficiency of the Transport System (TEE)

<u>Non-business: Commuting</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	141,673	141,673	141,673	-	-	-	
Vehicle operating costs	- 12,753	- 12,753	- 12,753			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: COMMUTING</b>	<b>128,920</b>	(1a)	<b>128,920</b>	-	-	-	
<u>Non-business: Other</u>		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
<u>User benefits</u>		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	108,392	108,392	108,392	-	-	-	
Vehicle operating costs	- 21,567	- 21,567	- 21,567			-	
User charges	-	-	-	-	-	-	
During Construction & Maintenance	-	-	-	-	-	-	
<b>NET NON-BUSINESS BENEFITS: OTHER</b>	<b>86,825</b>	(1b)	<b>86,825</b>	-	-	-	
<u>Business</u>			Goods Vehicles	Business Cars & LGVs	Passengers	Freight	Passengers
<u>User benefits</u>							
Travel time	50,182	50,182	10,033	40,149	-	-	-
Vehicle operating costs	247	247	- 224	471			-
User charges	-	-	-	-	-	-	-
During Construction & Maintenance	-	-	-	-	-	-	-
Subtotal	<b>50,429</b>	(2)	<b>9,809</b>	<b>40,620</b>	-	-	-
Private sector provider impacts						Freight	Passengers
Revenue	-	-			-	-	-
Operating costs	-	-			-	-	-
Investment costs	-	-			-	-	-
Grant/subsidy	-	-			-	-	-
Subtotal	-	(3)			-	-	-
Other business impacts							
Developer contributions	-	(4)	-	-	-	-	-
<b>NET BUSINESS IMPACT</b>	<b>50,429</b>	(5) = (2) + (3) + (4)					
<b>TOTAL</b>							
<b>Present Value of Transport Economic Efficiency Benefits (TEE)</b>	<b>266,174</b>	(6) = (1a) + (1b) + (5)					

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# Option G

## Economic Efficiency of the Transport System (TEE)

Non-business: Commuting		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
User benefits		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	34,048		34,048	-	-	-	
Vehicle operating costs	- 7,854		- 7,854			-	
User charges	-		-	-	-	-	
During Construction & Maintenance	-		-	-	-	-	
NET NON-BUSINESS BENEFITS: COMMUTING	26,194	(1a)	26,194	-	-	-	
Non-business: Other		ALL MODES	ROAD	BUS and COACH	RAIL	OTHER	
User benefits		TOTAL	Private Cars and LGVs	Passengers	Passengers		
Travel time	17,324		17,324	-	-	-	
Vehicle operating costs	- 3,460		- 3,460			-	
User charges	-		-	-	-	-	
During Construction & Maintenance	-		-	-	-	-	
NET NON-BUSINESS BENEFITS: OTHER	13,864	(1b)	13,864	-	-	-	
Business			Goods Vehicles	Business Cars & LGVs	Passengers	Freight	Passengers
User benefits							
Travel time	4,499		- 2,007	6,506	-	-	-
Vehicle operating costs	- 3,219		- 1,185	- 2,034			-
User charges	-		-	-	-	-	-
During Construction & Maintenance	-		-	-	-	-	-
Subtotal	1,280	(2)	- 3,192	4,472	-	-	-
Private sector provider impacts						Freight	Passengers
Revenue	-					-	-
Operating costs	-					-	-
Investment costs	-					-	-
Grant/subsidy	-					-	-
Subtotal	-	(3)				-	-
Other business impacts							
Developer contributions	-	(4)	-	-	-	-	-
NET BUSINESS IMPACT	1,280	(5) = (2) + (3) + (4)					
TOTAL							
Present Value of Transport Economic Efficiency Benefits (TEE)		41,338	(6) = (1a) + (1b) + (5)				

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