

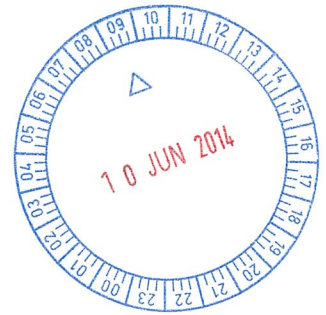
ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

PUBLIC
10/6/2014



Question No. 1: Hon Ken Travers MLC asked –

(1) What studies, strategies or plans is the Department currently working on?

Answer:

As part of its activities, Main Roads undertakes numerous short, medium and long term studies, strategy development and plans. Given the significant resources that would be required to respond to this broad and far reaching question, Main Roads would be happy to provide information in regard to specific enquiries to the Committee.

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ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No 2: Hon Ken Travers MLC asked -

(2) When is it expected that the study, strategy or plan will be completed?

Answer:

Not applicable

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ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 3: Hon Ken Travers MLC asked -

(3) What is the current estimated date when the plan will be publically released?

Answer:

Not applicable

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ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 4: Hon Ken Travers MLC asked -

(4) What is the estimated total cost of the study, strategy or plan and how much will be spent in the 2014/15 Financial Year?

Answer:

Not applicable

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ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 5: Hon Ken Travers MLC asked -

(5) Does the study, strategy or plan involve anyone who is not a direct employee of the department and if so, who?

Answer:

Not applicable

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ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 6: Hon Ken Travers MLC asked -

(6) Can the Minister provide a summary of cycling expenditure and the name of each project in each financial year since 2009/10?

Answer:

Attachment 1 provides a summary of completed cycling infrastructure from 2009-10 to 2012-13. 2013-14 cycling projects are still being completed and costs finalised.



Attachment 1 – Response to Question 6

YEAR	PROJECT	LOCATION	COST	FUNDING SOURCE
2009-10	Construction of 1 km of PSP	West Swan Road to Great Northern Highway adjacent to Reid Highway	\$2,700,000	State
2009-10	Detailed design for 2 km of PSP	Tonkin Highway to Bassendean Train Station adjacent to Perth-Midland rail line	\$78,000	State
2009-10	Detailed design for 0.5 km of PSP	Claremont Train Station to Shenton Road underpass, adjacent to Perth-Fremantle rail line	\$50,000	State
2009-10	Detailed design for PSP	Shenton Station to Loch Street Station, adjacent to Perth-Fremantle rail line	\$50,000	State
2009-10	Construction of 2 km of edge repairs and retaining	PSP adjacent to Kwinana Freeway – various locations	\$100,000	State
2009-10	Construction of 600 m of on-road facilities	West Coast Highway – adjacent to Scarborough Beach Road	\$213,000	State
2009-10	Construction of 4.3 km of on-road and shared path facilities	Great Northern Highway – Haddrill Road to Lennard Street	\$3,249,495	Federal
2009-10	Construction of 2.6 km of shared path and on road facilities	Wanneroo Road Duplication – Joondalup Drive to Wallawa Street	\$4,973,874	State
2009-10	Construction of 1 km of PSP lighting	Perth to Fremantle PSP from Claremont to Swanbourne	\$480,000	State
2009-10	Construction of 0.7 km of PSP	Tonkin Highway at Daddow Road Bridge	Unknown	Part of larger project – cycling component cannot be determined
2009-10	Maintenance	Various	\$222,000	State
2009-10		TOTAL	\$12,116,369	
2010-11	Construction of new link to Midland PSP and modifications to intersection	Garratt Road/Whatley Crescent intersection improvements	\$125,000	State
2010-11	Construction of 0.1 km PSP improvement	Midland PSP at Graham Farmer Freeway/East Parade intersection	\$110,000	State
2010-11	Construction of 4.1 km of PSP	Armadale PSP between Welshpool Road and Lacey Street	\$250,000	State
2010-11	Construction of 0.5 km of PSP	Fremantle PSP between Shenton Road and Claremont Station	\$575,000	State
2010-11	Maintenance and PSP Designs	Various Locations	\$2,140,000	State
2010-11		TOTAL	\$3,200,000	
2011-12	Construction of 1.6 km of 1.5 metre sealed shoulders both sides	Bussell Highway between Chambers Road and Island Brook	\$48,000	State
2011-12	Construction of 1.6 km of 1.5 metre sealed shoulders both sides	Coalfields Highway on the Allanson west section	\$48,000	State
2011-12	Construction of 2.4 km of Perth to Midland PSP	Between Tonkin Highway and Bassendean Station	\$2,700,000	DOT funded (State)

2011-12	Construction of 3.5 km of PSP	Reid Highway between Mirrabooka Avenue and Camboon Road	\$5,500,000	State
2011-12	Signals Upgrade	Armadales PSP at Belmont Park	\$4,000	State
2011-12	Construction of 0.1 km fencing upgrade	Mitchell PSP at Beach Road Underpass	\$20,000	State
2011-12		TOTAL	\$8,320,000	
2012-13	Construction of 12.5 km of cycle lanes	Dampier Highway between Madigan Road and Burrup Road	\$500,000	Federal/State. Works completed December 2012
2012-13	Construction of 4.1 km of on road cycle lanes	Great Eastern Highway between Kooyong Road and Tonkin Highway	\$3,000,000	Federal/State.
2012-13	Construction of 4 km of 2 metre sealed shoulder for Outer Ring Road and 3 km of 1.5 metre sealed shoulder including provision of paths and 2 bridges for future shared paths	Bunbury Outer Ring Road Stage 1 and Bunbury Port Access Road Stage 2	\$2,180,000	Federal/State.
2012-13	Construction of 0.2 km of slow points, improvements to drainage and path surfacing	Fremantle PSP at City West	\$356,853	State
2012-13	Construction of 0.5 km of PSP bollard lighting installed	PSP between Claremont Station and Swanbourne Station	\$570,400	State
2012-13	Improvements to 0.5 km of PSP	Kwinana Freeway approaches to the Parry Avenue underpass	\$100,000	State
2012-13	Construction of 4 km of shared path	Great Eastern Highway/Roe Highway Interchange	\$4,200,000	Federal/State
2012-13	Construction of 0.2 km of PSP	Fremantle PSP around Perth Arena	\$960,864	State
2012-13	Construction of 0.6 km of PSP realigned and new underpass (to be completed)	Kwinana PSP at Bull Creek Station	\$1,050,000	State
2012/13		TOTAL	\$12,918,117	

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 7: Hon Ken Travers MLC asked -

(7) I refer to the "Road Trauma Account", and ask -

- a) What are the details of expenditure from the Road Trauma Trust Account budget for 2014/15?
- b) What did the Road Safety Council recommend should be spent?
- c) What is the approved budget?

Answer:

a-c) Please refer to the Minister for Road Safety.

ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 8: Hon Ken Travers MLC asked -

(8) I refer to the "Coalfields Highway" and I refer to the Estimates Hearing 25 November 2013, Question 3 Attachment 1 in relation to road upgrades east of Collie, and for each project listed, and ask -

- a) What is the estimated cost;*
- b) What are the details of the works required;*
- c) When will works be commence; and*
- d) When will works be completed?*

Answer:

a-d) The attachment mentioned by the Member was a preliminary list of desired network priority improvements to address freight needs in the Wheatbelt area.

The Liberal Government recently committed to provide \$28 million to improve safety and remove dangerous sections of the Coalfields Highway. This is in addition to \$25 million already allocated in the first term of Government.

The attachment 1 list has been refined.

The identified needs that have been funded or are in the process of being funded by Main Roads are:

- The \$53m upgrade of 19.4 km of priority sections of the Coalfields Highway between just west of the Wellington Dam turnoff and Collie as well as a 4 km extension of the slow vehicle climbing lane on Roelands Hill from South Western Highway. The 4 km eastbound (uphill) climbing lane extension on Roelands Hill is expected to be completed by June 2014. To date, 9.2 km of the upgrade has been completed. The remaining 10.2 km upgrade is currently scheduled to commence in March 2015 and be completed by June 2016, subject to National Park excision being completed.
- Improvements to the Albany Highway/Collie-Lake King Road intersection at Arthur River. A budget of \$10m is currently allocated from the Safer Roads Program for the upgrade and works are expected to commence in 2015-16 and be completed in 2016-17, subject to selection of the appropriate treatment option.
- The staged realignment and removal of curves on Collie-Lake King Road at Gibbs Siding and Bowelling. A budget of \$10m is currently allocated from the Safer Roads Program for the upgrade and works are expected to commence in 2014-15 and be completed in 2015-16 at Gibbs Siding and 2016-17 at Bowelling (subject to the timely excision of State Forest).
- \$6m is in process of being funded to recondition and seal shoulders at selected locations along the Collie-Lake King Road. Once the funding has been allocated, the project can be developed up and project timelines determined.



- Main Roads has also undertaken a preliminary strategic assessment of the existing road network west of Albany Highway to identify potential improvements to accommodate additional truck traffic in the medium to long term, including the need for increased overtaking opportunities and safety barriers. Additional medium to long-term treatments may include other items originally listed on Attachment 1.

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Upgrades are identified as follows:

Project Description: (NB: The works listed are yet to be prioritised)
North South Truck Route Improve Town-site Safety and Amenity REMOVE ROAD TRAIN CONSTRAINT
East West Truck Route Improve Town-site Safety and Amenity - East Section
Improve Grade and Vertical Sight Lines
Realign Substandard Curves - Improve Sight Lines at Intersection
East West Truck Route - West Section Improve Town-site Safety and Amenity REMOVE ROAD TRAIN CONSTRAINT
East West Truck Route - East Section Improve Town-site Safety and Amenity
Bridge 0394 Substandard Width by 1m - Bridge has been propped Replace with Culvert
Bridge 0395 Substandard Width by 1m - Bridge Strength Issue (75% of T44) Replace with Culvert
Bridge 0335 Low Headroom - Capacity Unknown - Replace with Culvert
Bridge 0412 Substandard Width by 1.4m - Widen Bridge
Bridge 0545 Substandard Width by 0.9m - Bridge Strength Issue (63% of T44) Replace with Wider Structure
Bridge 0439 Substandard Width by 0.3m - Replace with Culvert
East West Truck Route Improve Town-site Safety and Amenity - West Section
Widen and Seal Shoulder Works - Sections currently sealed less than 7m
Realign Substandard Curve at "Y" Junction - White Well Road
Widen and Seal Shoulder Works - Sections currently sealed less than 9m
Widen and Seal Shoulder Works - Sections currently sealed less than 7m
Realign Substandard Curve at "Y" Junction - Tincurrin Road
Improve Town-site Safety and Amenity

ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 9: Hon Ken Travers MLC asked -

(9) What issues have been identified at the intersection of Albany Highway and Arthur Road (to Wagin)? –

- a) What works have been identified to address the issues at this intersection;*
- b) What is the estimated cost of works;*
- c) What money is currently allocated in the budget for this intersection; and*
- d) When are works expected to commence at this intersection?*
- e) When are works expected to be completed?*

Answer:

The numbers of heavy vehicles crossing the intersection will increase.

- a) A significant upgrade of the current staggered T-alignment to address limited sight distance for westbound vehicles approaching from the east is required. A number of proposals are being considered including a modified staggered T-junction, with overtaking lane and a roundabout.
- b) Yet to be confirmed as options are under review but the current budget is \$10m.
- c) \$10m
- d) 2015-16, subject to selection of the appropriate treatment option.
- e) 2016-17, subject to selection of the appropriate treatment option.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 10: Hon Ken Travers MLC asked -

(10) What issues have been identified at the intersection of Albany Highway and the Coalfields Highway? –

- a) What works have been identified to address the issues at this intersection?*
- b) What is the estimated cost of works?*
- c) What money is currently allocated in the budget for this intersection?*
- d) When are works expected to commence at this intersection?*
- e) When are works expected to be completed?*

Answer:

Eastbound vehicles approaching Albany Highway on the western leg of the Collie-Lake King Road are required to start an uphill climb from a stationary position leading to slow speeds on Albany Highway. This creates a large speed differential between entering trucks and through traffic.

a) This intersection is to be modified in conjunction with the eastern leg of the Collie-Lake King Road/Albany Highway intersection at Arthur River.

b-e) Refer to the answer provided to Question No 9.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 11: Hon Ken Travers MLC asked -

- (11) *What issues have been identified at the Gibbs Corner (intersection of Cordering North Road)?*
- a) What works have been identified to address the issues at this section of road?*
 - b) What is the estimated cost of works?*
 - c) What money is currently allocated in the budget for this section of road?*
 - d) When are works expected to commence?*
 - e) When are works expected to be completed?*

Answer:

Substandard geometry.

- a) Staged realignment and removal of curves.
- b) \$10m to address the substandard geometry at Gibbs Siding and at Bowelling.
- c) \$10m to address the substandard geometry at Gibbs Siding and at Bowelling.
- d) 2014-15.
- e) 2015-16.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 12: Hon Ken Travers MLC asked -

(12) What issues have been identified at the Bowelling Curves section of the Coalfields Highway?

- a) What works have been identified to address the issues at this section of road?*
- b) What is the estimated cost of works?*
- c) What money is currently allocated in the budget for this section of road?*
- d) When are works expected to commence?*
- e) When are works expected to be completed?*

Answer:

- a-d) Refer to the answer provided to Question No 11.
- e) 2016-17, subject to timely State Forest excision.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No.13: Hon Ken Travers MLC asked -

(13) Has the Government received any requests to build passing lanes on the Coalfields Highway since 2012?

Answer:

Yes

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ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 14: Hon Ken Travers MLC asked -

(14) Is the Government considering building passing lanes on the Coalfields Highway to assist in the management of increased volumes of grain trucks?

a) If yes,

1) At what locations; and

2) What is the estimated cost of each location?

3) When are works expected to commence?

4) When are works expected to be completed?

b) If no, why not?

Answer:

a-b) Main Roads has undertaken a preliminary strategic assessment of the existing road network west of Albany Highway to identify potential improvements to accommodate additional truck traffic in the medium to long-term. Local government feedback of preferred locations for passing lanes will be taken into consideration as part of this process. Once completed, Main Roads' costed strategic assessment and recommendations will be submitted to Government for funding consideration and prioritisation. This strategic assessment is expected to be completed in the first quarter of 2015.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No.15: Hon Ken Travers MLC asked -

(15) I refer to the Roe Highway Extension, and ask –

a) Has a business case been prepared for this extension?

b) If yes will the Minister table it?

c) If no, when does the Minister expect the business case will be completed?

Answer:

a) Yes

b) No. The business case is still to be formally considered by Cabinet.

c) Refer to Part (b).

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ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 16: Hon Ken Travers MLC asked -

16. I refer to the Tonkin Highway Extension to South West Highway, and ask –

- a) Has the Community Working Group completed their work?*
- b) If yes, has a report been completed?*
- c) If yes, will the Minister table it and if no, why not?*
- d) Has a business case been prepared for this extension?*
- e) If yes will the Minister table it?*

Answer:

- a) Yes
- b) Yes
- c) No. Main Roads needs to further review the report's recommendations and estimated project cost. These further investigations will be completed by the end of 2014.
- d) The Ministerial Community Working Group's report is the strategic business case for the highway extension.
- e) Refer to Part (c).



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 17: Hon K Travers asked -

I refer to the Safer Roads and Bridges Program, and ask –

(a) What is the expected expenditure for 2014/15?

(b) What projects will be funded from this program in 2014/15?

Answer:

a) \$35m

b) A draft 2014-15 Safer Roads and Bridges Program is currently being finalised by Main Roads before being forwarded to the Minister for Transport for consideration and approval.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question 18: Hon Ken Travers MLC asked -

18. I refer to Budget Paper No 2, Volume 2, at page 818 "Complete Works, Minor Works (includes Black Spot and Urgent Minor Works) 2013/14 Program, and ask –

- a) Can you provide a breakdown of the projects and amount that has be spent for each project?*
- b) How much of this money is from the Blackspot program?*
- c) How much of this money was originally provided by the Commonwealth and for which projects?*

Answer:

a) Refer Attachment 1. The Minor Works projects in the Capital Investment Program section of the Budget Papers includes Black Spot works but only Black Spot works that are to be capitalised as a Main Roads asset. This would generally exclude works on local roads, unless the works are traffic signals. As such, only part of the total Black Spot program will be listed as Minor Works projects.

b-c) Refer Attachment 1.



Attachment 1 – Response to Question 18

Project Description	Exp Estimate	Black Spot	Commonwealth Funded
North West Coastal Highway- Widen Seal and seal shoulders	10,673		
City of Nedlands; Town of Cottesloe Provision of Lighting	9,801	Black Spot	
Development of a High Wide Loads Corridor	43,471		
City of Armadale Install Traffic Control Signals	70,720	Black Spot	Commonwealth Funding
City of Armadale - Install Traffic Control Signals and realignment; install channelisation and cul-de-sac two intersections	150,000	Black Spot	Commonwealth Funding
City of Wanneroo - Install Traffic Control Signals; and additional protected right turn lane	15,111	Black Spot	Commonwealth Funding
Shire of Murray - Install Traffic Control Signals	301,064	Black Spot	
City of Fremantle - Install Right Turn Pockets; Seagull Island in the Median and cover sump	8,241	Black Spot	
Rail Crossing Improvements	800,000		
Replace Traffic Control Signal Lanterns with LED Technology	1,704,000		
Construct 2 Overtaking Lanes northbound and southbound	308,999		
City of Armadale Construct TCS & Install Advance Warning Flashing Lights	96,000	Black Spot	Commonwealth Funding
Traffic Signal Safety Improvements	465,000		
Traffic Signal Controller Replacement program	2,329,349		
Upgrade Equipment and Systems	1,679,785		
Extend / Construct Short Overtaking Lanes	2,963,837		
Town of Claremont - Install Overhead Mast Arms and Left Turn Slip Lane and upgrade signals with LED lamps	101,400	Black Spot	Commonwealth Funding
Town of Claremont - Modify Traffic Control Signals Install Overhead Mast Arms Replace Lanterns with LED Lamps	21,400	Black Spot	Commonwealth Funding
Various Intersections in the Metropolitan Area - Right Turn Filter Removal	68,145	Black Spot	
Minor Improvements on Riverwalls and Foreshore Erosion	1,000,432		

Project Description	Exp Estimate	Black Spot	Commonwealth Funded
Albany Lake Grace Rd- Recondition shoulders and widen seal	14,022		
South Western Highway - Drainage Improvements	58,583		
South Western Highway - Widening (Preconstruction Works)	71,479		
South Western Highway - Widening (Preconstruction Works)	13,949		
City of Stirling Modify Traffic Control Signals with new right turn arrows	17,070	Black Spot	Commonwealth Funding
City of Stirling - Modify Traffic Control Signals with new right turn arrows	24,000	Black Spot	Commonwealth Funding
City of Rockingham - Modify Traffic Control Signals with right turn arrows (without filter) protected right turn lanes and LEDs	692,000	Black Spot	Commonwealth Funding
City of Cockburn - Install mast arms on approaches and install LEDs	60,000	Black Spot	Commonwealth Funding
City of Stirling - Modify Traffic Control Signals and extend right turn pockets	30,872	Black Spot	Commonwealth Funding
City of Cockburn - Modify TCS by installing right turn arrow without filter for vehicles, install Mast Arms and install LED lamps	58,000	Black Spot	Commonwealth Funding
WA Pavement Asset Research Centre Capital Projects	333,500		
City of Perth Modify Traffic Control Signals and revise existing lane widths	33,060	Black Spot	Commonwealth Funding
Traffic Control System Network Improvements (Includes IP Network Conversion)	500,000		
Shire of Boddington - Seal Shoulders to 0.5m wide	485,209		
City of Bunbury - Modify Signals - Prevent right turn filter install new right turn arrow and LED lanterns	28,566	Black Spot	Commonwealth Funding
City of Bunbury - Modify Signals - Prevent right turn filter install LED lanterns and clear median	38,755	Black Spot	Commonwealth Funding
Shire of Augusta Margaret River - Widen seal and improve road alignment	367,729	Black Spot	
Karrinyup Rd Installation of Traffic Control Signals	20,513		
South Coast Highway-construct kerbside acceleration lane in SCH for left turn traffic	40,222	Black Spot	

Project Description	Exp Estimate	Black Spot	Commonwealth Funded
Great Northern Highway - Construct Chanelisation Left and Chanelisation Right Type Intersection	582,113		Commonwealth Funding
Kimberley Region- Upgrade Culvert	905,504	Black Spot	
Brookton Highway Intersection improvements including relocation of bus bay	1,538,742		
City of Gosnells - Construct Traffic Control Signals at intersection.	200,000		
Tonkin Hwy Optic Fibre Cable and CCTV	274,814		
Rail Crossing Improvements Local Roads	3,783,860		
Toodyay Rd - Seal Shoulders and improve passing opportunities	388,225	Black Spot	
Tonkin Highway - Construct an Amenity Wall	272,007		
Donnybrook Kojonup Road - Replace bridge with culverts	636,742		
Connection of Traffic Control Signals to our Fibre Optic Cable Network	59,708		
Electrical & ITS Asset Type Approval and Testing	129,999		
Upgrade Freeway Under Bridge Lighting	169,191		
Expansion of CCTV Coverage to Key Network Locations	100,000		
City of Bunbury - Nation Building Black Spot - Install new TCS with right turn arrow no filter upgrade lighting and extend left and right turn pockets	360,000	Black Spot	Commonwealth Funding
Mitchell Freeway - Modify Freeway Off Ramp	328,831		
RCO and Refurbish Bridge Albany Lake Grace Road	641,966		
Mitchell Freeway - Install Safety Barriers	2,473,295	Black Spot	
Great Eastern Highway Install Mast Arms	43,668	Black Spot	
Melville-Mandurah Highway - Partial signals and install acceleration lane	161,976	Black Spot	
-Modify filters	70,485	Black Spot	
Bridge 950 - Reconstruct footpath and repair/replace bearers and joists	655,528		
Brand Highway-Bridge 0665 Construct Rco & Deck Repairs	615,260		
Shire of Donnybrook Balingup - - Construct right turn lane -	864,247		
City of Busselton - - Seal Shoulders to 1.0m wide and install audible edgelines	1,791,592		

Project Description	Exp Estimate	Black Spot	Commonwealth Funded
City of Joondalup - Modify TCS extend right turn pocket	90,000	Black Spot	Commonwealth Funding
City of Joondalup - Modify TCS turning off right turn filter extend existing right turn pocket.	90,000	Black Spot	Commonwealth Funding
City of Stirling - Construct TCS with right turn arrows (without filter)	240,000	Black Spot	Commonwealth Funding
Town of Cambridge - Modify TCS prevent right turn filter Upgrade to LED and extend right turn pocket(west) and left turn pocket(east).	132,000	Black Spot	Commonwealth Funding
Goomalling - Improve intersection by providing right and left turning pockets and converting to staggered Ts. Install medians islands and clear vegetation and upgrade	118,779	Black Spot	
City of Perth - - Modify TCS diamond phase to traffic signals improve pavement arrows LED upgrade to reduce rear end crashes	125,600	Black Spot	Commonwealth Funding
City of Joondalup Modify TCS to include a right turn arrow	39,000	Black Spot	Commonwealth Funding
Town of Cottesloe - Extend right turn pocket (north and south) extend left turn pocket(west) upgrade TCS to LED overhead Mast Arm on Eastern Leg and install islands	285,000	Black Spot	Commonwealth Funding
City of Stirling - Modify TCS prevent right turn filter LED all signals and overhead mast arms (north)	180,000	Black Spot	Commonwealth Funding
City of Swan- Modify TCS apply anti skid treatment on left turn approach	65,000	Black Spot	Commonwealth Funding
City of Perth - Modify TCS diamond phase to traffic signals build east bound median to provide projected right turn pocket and new westbound right turn pocket	95,836	Black Spot	Commonwealth Funding
City of Stirling - Modify TCS new right turn arrows (without filter) east and west approaches LED TCS - all approaches	240,000	Black Spot	Commonwealth Funding
Albany Lake Grace Rd-Extend culverts and install pre-cast end walls, clean/clear associated drainage. Widen existing road seal to allow for 2x3.5m wide traffic lanes	1,400,380		
Bridge 0020 - Shire of Williams - Replace all Stringers & Reinforced Concrete Overlay	483,244		
Bridge 0596 - Shire of Quairading - Reinforced Concrete Overlay	1,230,211		

Project Description	Exp Estimate	Black Spot	Commonwealth Funded
Shire of East Pilbara - Construct channelisation treatment (Right turn pocket)	398,655	Black Spot	
City of Kalgoorlie Boulder- Upgrade Culvert	787,112		
Kimberly Region- Upgrade Culvert including Guardrail	749,999		
NWCH- intersection improvements for right turn lane	102,717	Black Spot	
Orrong Road Install flashing lights to warn motorists of guard controlled school crossing (crossing not in 40 kph school zone)	44,162		
Charles Street - Install flashing lights to warn motorists of guard controlled school crossing (crossing not in 40 kph school zone)	21,685		
Collie Lake King Road Intersection Upgrade	405,965		
Kojonup-Pingrup RdInstall new intersection on south side passing bulge and right turn pocket on the north side	245,895		Commonwealth Funding
Bridge 4078 - Reinforced Concrete Overlay and Substructure Repairs	1,200,000		
South Coast Highway-Construct Passing Lanes	100,000		
City of Kalgoorlie Boulder- Upgrade Culvert	406,233		
Toodyay Road - Develop intersection treatments for nine intersections along the route to address safety concerns	149,999		
Detailed design of Foundation Intelegant Transport System and associated hardware	826,999		

ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 19: Hon Ken Travers MLC asked -

19 I refer to Budget Paper No 2, Volume 2 at page 819 "New Works, Minor Works (includes Black Spot and Urgent Minor Works) 2014/15 Program, and ask –

- a) Can you provide a breakdown of the projects and amount that will be spent for each project?*
- b) How much of this money is from the Blackspot program?*
- c) How much of this money was originally provided by the Commonwealth and for which projects?*

Answer:

a-c) Due to the nature of this program, works are not scheduled in advance and the State Black Spot Program is signed off by the Minister for Transport at the start of each financial year.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 20: Hon Ken Travers MLC asked –

20. I refer to Budget Paper No 2, Volume 2 at page 819 “New Works, Minor works (includes Black Spot and Urgent Minor Works) 2015-16 Program, and ask –

- a) Can you provide a breakdown of the projects and amount that is expected to be spent for each project?*
- b) How much of this money is from the Blackspot program?*
- c) How much of this money was originally provided by the Commonwealth and for which projects?*

Answer:

a-c) Due to the nature of this program, works are not scheduled in advance and the State Black Spot Program is signed off by the Minister for Transport at the start of each financial year.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 21: Hon Ken Travers MLC asked –

21. I refer to Budget Paper No 2, Volume 2 at page 819 “New Works, Minor works (includes Black Spot and Urgent Minor Works) 2016-17 Program, and ask –

- a) Can you provide a breakdown of the projects and amount that is expected to be spent for each project?*
- b) How much of this money is from the Blackspot program?*
- c) How much of this money was originally provided by the Commonwealth and for which projects?*

Answer:

a-c) Due to the nature of this program, works are not scheduled in advance and the State Black Spot Program is signed off by the Minister for Transport at the start of each financial year.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 22: Hon Ken Travers MLC asked -

22. I refer to Budget Paper No 2, Volume 2 at page 819 "New Works, Minor works (includes Black Spot and Urgent Minor Works) 2017-18 Program, and ask –

- a) Can you provide a breakdown of the projects and amount that is expected to be spent for each project?*
- b) How much of this money is from the Blackspot program?*
- c) How much of this money was originally provided by the Commonwealth and for which projects?*

Answer:

a-c) Due to the nature of this program, works are not scheduled in advance and the State Black Spot Program is signed off by the Minister for Transport at the start of each financial year.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 23: Hon Ken Travers MLC asked -

23. I refer to the intersection of Berkshire Road and Roe Highway, and ask –

- a) How much is allocated in the 2014/15 State Budget for this project?*
- b) Which program is this money allocated in?*

Answer:

a-b) Subsequent to the State Budget papers being published, the Commonwealth and State Governments have agreed to jointly fund the construction of a grade separation of the intersection of Berkshire Road and Roe Highway. The funding source for this project will be the Nation Building Program.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 24: Hon Ken Travers MLC asked -

24: Hon K Travers asked -

- a) When will MRWA commence the installing of advertising billboards on the Mitchell Freeway and Kwinana Freeway?*
- b) Will there be any costs involved for Main Roads?*
- c) If yes, how much has been allocated in the 2014/15 state budget for this project?*

Answer:

- a) 2015**
- b) No**
- c) Not applicable**



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 25: Hon Ken Travers MLC asked -

25: Will the Minister table a copy of the completed study on the feasibility of upgrading Orrong Road between the Great Eastern Highway and Leach Highway (elevated expressway)?

Answer:

No. This is a long-term project. The feasibility study only produced preliminary concepts of possible options. More investigation would need to be undertaken by Main Roads before any options could be presented to Government for funding consideration.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No 26: Hon Ken Travers MLC asked -

(26) Why has there been a \$3m increase in the cost of the Gibb River Road project since 2013/14 budget?

Answer:

In the 2013-14 Budget Papers the Gibb River Road project had an estimated total cost of \$56 515 000. In the 2014-15 Budget Papers the estimated total cost has risen to \$59 122 000. The increased funding of \$2 607 000 has been included on this project to enable more of the prioritised works to be carried out.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 27: Hon Ken Travers MLC asked -

(27) Why has there been a \$4m increase in the cost of the Goldfields Highway Wiluna to Meekatharra project since 2013/14?

Answer:

Additional funds have been allocated to widen the existing sealed surface and extend the seal near Meekatharra.

A handwritten signature, possibly of the Minister, is located in the bottom right corner of the page.

ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 28: Hon Ken Travers MLC asked -

(28) Why has the South Western Highway Donnybrook to Greenbushes project been further deferred?

Answer:

While capital funding has been deferred, ongoing upgrades have been completed utilising the Safer Roads Program and Regional Run Off Road Programs as funding sources.

Between 2009-10 and 2013-14 \$12.4m has been expended from the Safer Roads Program improving the 14 km section of South Western Highway between Manjimup and the Pemberton turnoff. Highlighted works during this period include:

- 2009-10 – \$1.05m (Safer Roads) to widen a 1.6 km section near Greenbushes;
- 2010-11 - \$3.3m (Safer Roads) to reconstruct and widen the 2 km north approach to Balingup;
- 2010-11 and 2012-13 - \$0.34m (Regional Run Off) to provide audible edge lines from Donnybrook to Bridgetown
- 2012-13 and & 2013-14 - \$3.4m (Safer Roads) to widen and improve a 1.1 km curved section immediately south of Donnybrook (completed April 2014)

An allocation of \$1.5m is being sought in 2014-15 from the Safer Roads Program to widen a 1.4 km section near Greenbushes.



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 29: Hon Ken Travers MLC asked -

(29) What is the estimated cost of the Lloyd Street underpass?

a) How much is allocated in the budget for this project?

b) Where in the budget is the funding allocated?

c) How much of this money is State appropriations?

Answer:

\$86m

a) \$68.5m

b) Included in total cost of services. The project is on a local government road and is not individually listed in budget papers.

c) \$68.5m



ESTIMATES AND FINANCIAL OPERATIONS COMMITTEE

QUESTIONS ON NOTICE

Thursday, 12 June 2014

Main Roads Western Australia

Question No. 30: Hon Ken Travers MLC asked -

(30) I refer to the Fremantle Traffic Bridge, and ask –

- (a) When does the Minister expect the risk assessment of this bridge to be completed?*
- (b) When does the Minister expect the report will be made public?*
- (c) What work is currently being undertaken on a replacement bridge?*
- (d) Does this work include a new road and rail bridge?*
- (e) What is the latest estimated cost for a new Fremantle road/rail Bridge?*

Answer:

- a) The most recent risk assessment is a report titled '*Holistic treatment of the Fremantle Rail and Traffic Bridges*' which is a joint Public Transport Authority/Main Roads WA report. This report assesses the different risks of a collision at each bridge and then considers the works proposed to protect each structure to ensure a consistent approach has been taken to develop the treatments. The report also assesses the residual risk of the effects of a vessel impact on each bridge after Main Roads completes the treatments currently proposed.
- b) The report is expected to be available in the second half of 2014.
- c) Main Roads is currently undertaking works which will reduce the risk of damage to the bridge in the case of a vessel collision.
- d) Refer to Part (c).
- e) Estimates from June 2012 of the cost of replacement of the Fremantle Traffic Bridge range from \$189m (standard road bridge) to \$233m (combined rail/road bridge).

