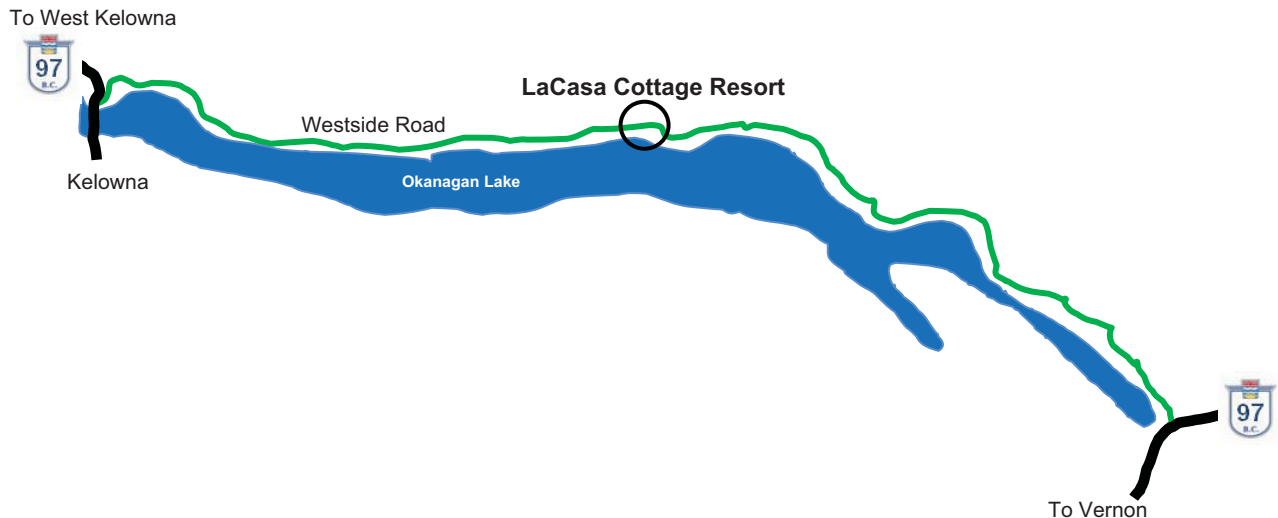




## Westside Road – Public Information Session March 10, 2011

Residents of Westside Road and area are invited to attend an information session where staff from the Ministry of Transportation and Infrastructure will present an update on improvement plans for Westside Road between Bear Creek Park and Highway 97 North at O'Keefe Ranch.

The session is being held on Thursday March 10<sup>th</sup>, 2011 starting at 7 p.m. in the event centre of the LaCasa Cottage Resort 6808 Westside Road N.



Representatives of the Ministry of Transportation and Infrastructure will present an overview of planning work to date along the corridor and discuss the implementation strategy for future improvements.

Information about this session can also be found on our public website at:

<http://www.th.gov.bc.ca/OkanaganValley/index.html> .

We look forward to seeing you on March 10<sup>th</sup> .

W. Murray Tekano  
District Manager, Transportation  
Ministry of Transportation and Infrastructure  
Kelowna

## Westside Road – Public Information Session March 10, 2011

### Welcome:

Welcome to this information session. The purpose of tonight's meeting is three fold:

- Review technical work to date & explain the process
- Discuss potential improvements & strategy for the future
- Get community input and comments

### Background:

Westside Road is approximately 65 km along Okanagan Lake from West Kelowna to Highway 97 near O'Keeffe Ranch.

The Annual Average Daily Traffic is approximately 1000 vehicles per day. Summer Average Daily Traffic south of Bear Creek Provincial Park is approximately 2500 vehicles per day.

### Previous Community Group Input:

The MoTI has received community input from Westside Road Improvement Committee and Wilson Landing Committee in the past.

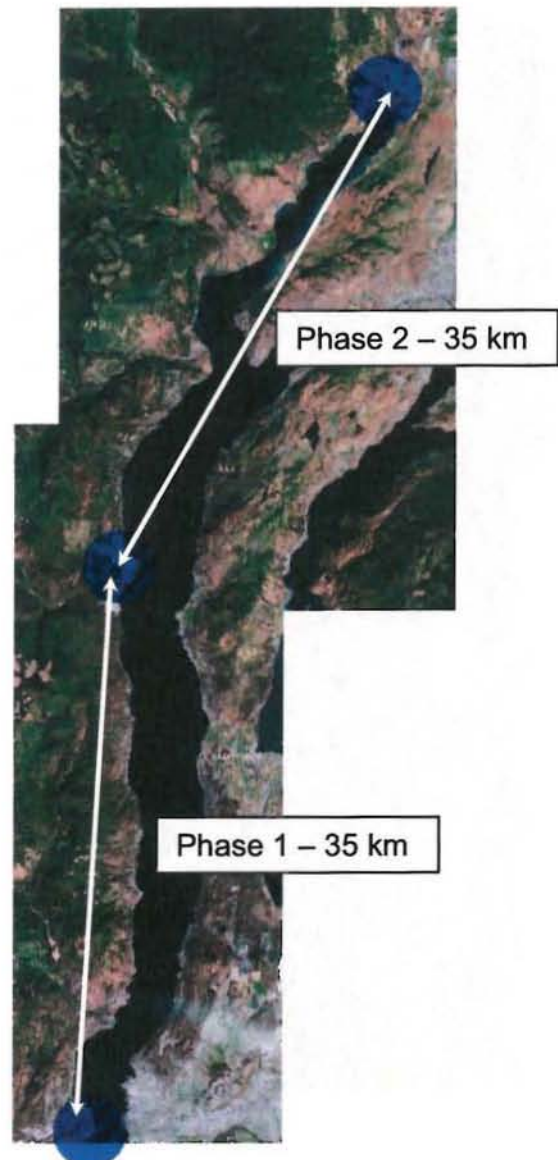
The Area Director, Central Okanagan Regional District and local MLA for West Kelowna and Shuswap have also provided comments on local road concerns.

### Work to Date:

Program of minor rehabilitation projects have been undertaken to address surface condition and alignment issues.

Varying levels of annual investment have been made totally over \$12.9 million between 2000 and 2010. Improvements include the new alignment at the log booming grounds south of Bear Creek, surfacing improvements and roadside barrier placement.

A review of Westside Road commenced in 2009 to determine options for improvements to the cross-section and alignment and to examine possible operational improvements to improve traffic mobility.



## Westside Road – Public Information Session March 10, 2011

### Phase 1:

Possible improvement projects identified in preliminary review.

Improvement Type	Length	WRIC ID*
Segment 12 : Cross-Section Improvement	1.3 km	15
Segment 11 : Surface Improvement	800 m	--
Segment 10 : Cross-Section Improvement	1.3 km	12 – 14
Segment 9 : Alignment Improvement	2 km	10
Segment 8 : Alignment Improvement	400 m	--
Segment 7 : Surface Improvement	4 km	--
Segment 6 : Alignment Improvement	800 m	8 - 9
Segment 5 : Cross-Section Improvement	500 m	7
Segment 4 : Alignment Improvement	1 km	6
Segment 3 : Surface Improvement	400 m	5
Segment 2 : Alignment Improvement	400 m	5
Segment 1 : Surface Improvement	1.6 km	1 – 4

\*Westside Road Improvement Committee

### Your comments are important to us:

Thank you for attending the meeting this evening. If you have any comments you wish to share or questions please free to talk to one of the MoTI staff in attendance. Written comments you can be sent to:

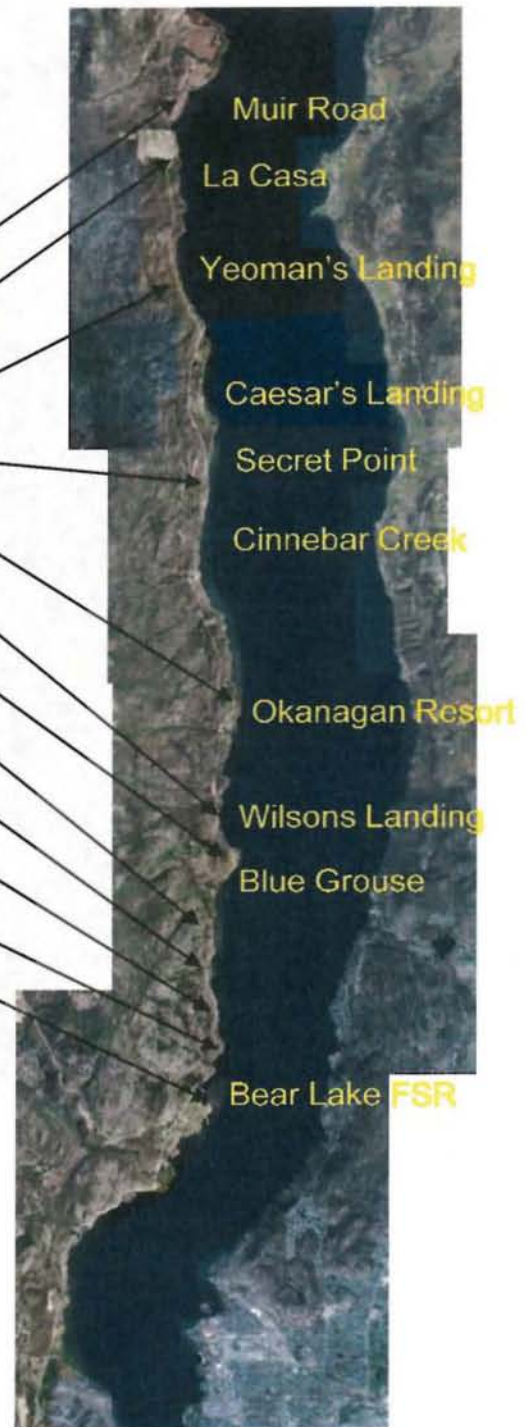
W. Murray Tekano  
District Manager, Transportation  
Okanagan-Shuswap District  
300 – 1358 St. Paul Street  
Kelowna BC V1Y 2E1

or by fax to: 250-712-3669

or by email: [Murray.Tekano@gov.bc.ca](mailto:Murray.Tekano@gov.bc.ca)

Information can also be found at:

[http://www.th.gov.bc.ca/OkanaganValley/projects/westside\\_w-kelowna\\_vernon/](http://www.th.gov.bc.ca/OkanaganValley/projects/westside_w-kelowna_vernon/)





# Welcome

**The Ministry of Transportation  
and Infrastructure is pleased  
to welcome you to an  
information session for:**

**Westside Road Improvements**

**Blue Grouse to Jenny Creek**

**Project Development**

**Your comments are  
appreciated**





# Existing Conditions:

## Traffic

- Average 1,000 vehicles per day (vpd)
- Approximately 2,500 vpd south of Bear Creek Provincial Park during the summer



## Existing Conditions:

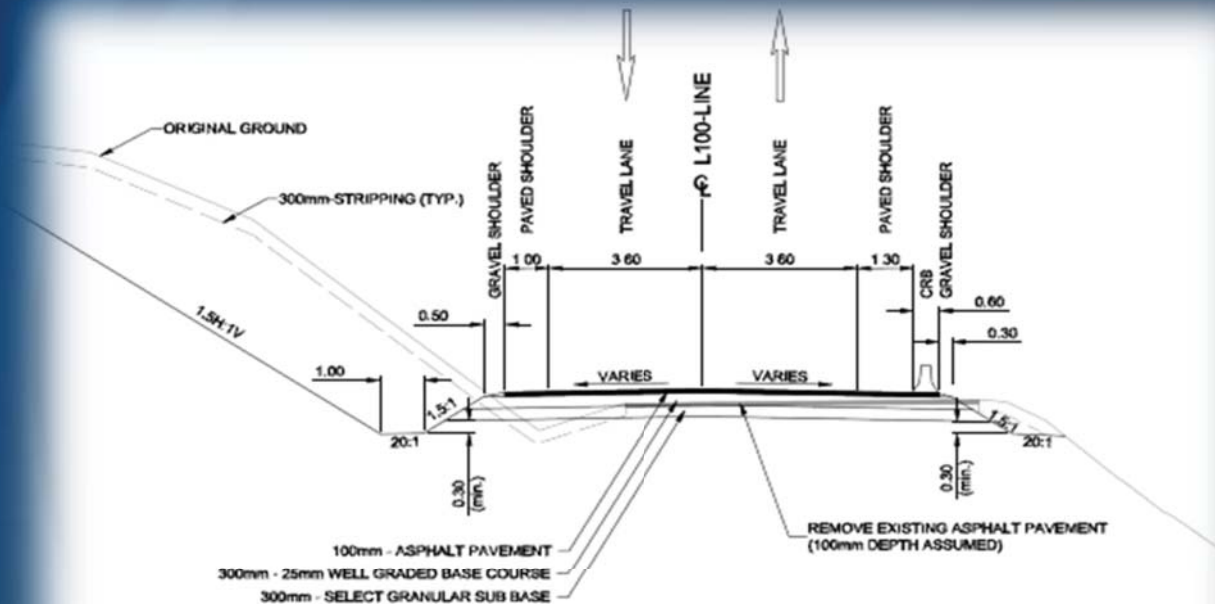
- Two 3.0 m lanes with minimal shoulder
- 60 km/h posted speed limit
- Minimal ditch width for drainage and debris catchment
- No room for road side barrier
- Minimal right of way



# Design Specifics

The widening of Westside Road from the Blue Grouse access to Jenny Creek will incorporate the following design criteria:

- 2-lane paved road
- 70 km/h design speed
- 3.6 m lanes
- 1 m paved shoulders with 0.5 m gravel shoulders
- Roadside barrier
- Ditch widening for rock catchment
- Highway drainage as required
- Signage as per design standards



L100 TYPICAL SECTION WITH CONCRETE ROADSIDE BARRIER IN CUT



# How Did We Arrive At This Concept?

The planning of all Westside Road improvement projects consider optimizing the following criteria:

- Stakeholder input
- Safety improvements
- Improve mobility along the corridor
- Property and agriculture impacts
- Alignment
- Constructability
- Traffic management
- Capital costs



# Benefits

The proposed improvements to this section of Westside Road will benefit the travelling public by:

- Improving the design speed to 70 km/h by flattening the curves to increase mobility and improve sight lines
- Increasing the road and shoulder width to improve safety for motorists, cyclists and pedestrians



**Improve corridor economic  
development, safety, and mobility**



# Environmental Considerations

- **Archaeological impact assessment completed; no archaeological resources were identified within the project footprint**
- **Environmental impact assessment completed**
- **Utilizing the best management practices to reduce the environmental impact**

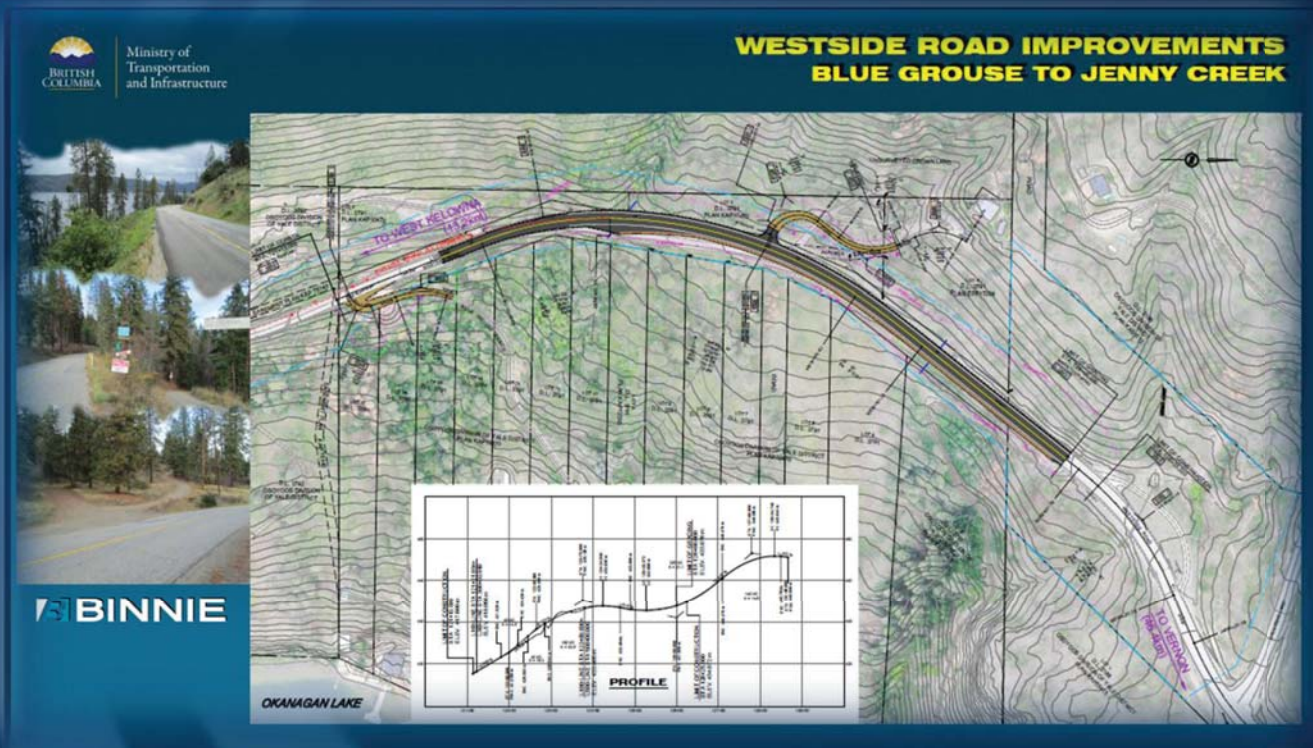




# Blue Grouse to Jenny Creek

## Project Schedule:

- Property Acquisition Begins – Fall 2012
- Complete Detailed Design – December 2012
- First Nations Consultation – Ongoing
- Stakeholder Consultation – Ongoing
- Tendering Target – Early 2013



# Future Improvements

Blue Grouse to Jenny Creek is one component of the Ministry's vision to improve safety and mobility for all users of Westside Road.

The Ministry plans on upgrading Westside Road between Pine Point and Jenny Creek in multiple phases, pending available future funding.





# NEXT STEPS

- Finalize the design
- Continue consultation with First Nations
- Continue consultation with Stakeholders
- Complete property acquisition
- Proceed with tendering in early 2013





# Thank You

**Please provide your feedback  
by completing a comments sheet**





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# Westside Road

Murray Tekano

District Manager, Transportation

Ministry of Transportation and Infrastructure

March 10, 2011

# Westside Road

## Meeting Purpose

- Present work to date
- Discuss potential improvements & strategy for the future
- Get community input and comments



# Westside Road

A review of Westside Road commenced in 2009 to determine options for improvements to the cross-section and alignment, and to examine possible operational improvements to improve traffic mobility.

The review is being carried out in two phases;

Phase 1 West Kelowna to La Casa – 30 km

Phase 2 La Casa to Highway 97 – 35 km





# Westside Road

Approximately 65 km along the west side of Okanagan Lake from West Kelowna to Highway 97 near O'Keefe Ranch.

The Annual Average Daily Traffic is approximately 1000 vehicles per day. Summer Average Daily Traffic south of Bear Creek Provincial Park is approximately 2500 vehicles per day.

On going community group input from Westside Road Improvement Committee and Wilson Landing Committee.

Program of minor rehabilitation projects undertaken to surface condition and alignment issues.

Varying levels of investment - over \$12.9M between 2000 and 2010.





# Westside Road

## Phase 1: West Kelowna to La Casa

### Surface:

- Road has 3.6 metre lane widths, generally a 1 metre shoulder. Some ditching and surface improvement may be required.

### Cross Section:

- Road has 3.6 metre lane widths but with reduced shoulder. Some ditching may be required.

### Alignment:

- Road has less than 3.6 metre lane widths, reduced shoulder, rock fall concerns, reduced sight distance, and reduced alignment geometry.





# Westside Road

## Phase 1: West Kelowna to La Casa

### Preliminary Assessment

ID	Improvement Type	Length
Segment 12 : Cross-Section Improvement		1.3 km
Segment 11 : Surface Improvement		800 m
Segment 10 : Cross-Section Improvement		1.3 km
Segment 9 : Alignment Improvement		2 km
Segment 8 : Alignment Improvement		400 m
Segment 7 : Surface Improvement		4 km
Segment 6 : Alignment Improvement		800 m
Segment 5 : Cross-Section Improvement		500 m
Segment 4 : Alignment Improvement		1 km
Segment 3 : Surface Improvement		400 m
Segment 2 : Alignment Improvement		400 m
Segment 1 : Surface Improvement		1.6 km

### WRIC ID

15

--

12 - 14

10

--

--

8 - 9

7

6

5

5

1 - 4





# Westside Road

## Phase 1 Assessment Criteria Used

The existing roadway alignment is being examined to determine improvements based on:

Desired design speed:	70 km/h
Lane width:	3.6 metres
Shoulder width:	1.0 metre



# Westside Road

## Phase 1: West Kelowna to La Casa

### Work completed:

- Survey completed using LiDAR technology.
- Preliminary assessment of alignment and cross sections issues – 12 segments.
- Engineering review of slow moving vehicle impacts on traffic operation.

### Work underway:

- Engineering design of slow vehicle pull outs and updated sign installations.

### Work planned:

- Geotechnical, archeological and environmental assessment and consultation
- Establish priorities for future improvements.





# Westside Road

## Phase 1: West Kelowna to La Casa

Segment 1 : Surface Improvement			
RIMMS	km 8.6 - 10.2	Length:	1.6 km
WRIC	km 0.0 – 1.8 (Priority 1 Ref. 1 – 4)	Pine Point	



Existing Condition	Target Improvements
<ul style="list-style-type: none"><li>• Two 3.6 meter lanes with 1 meter shoulder.</li><li>• Road surface good.</li><li>• Drainage good.</li><li>• Improvements completed in 2007.</li></ul>	<ul style="list-style-type: none"><li>• Routine maintenance only.</li><li>• Possible courtesy pullout north bound with signs.</li></ul>



# Westside Road

## Phase 1: West Kelowna to La Casa

Segment 2 : Alignment Improvement			
SA 08			
RIMMS	km 10.2 - 10.6	Length:	400 metres
WRIC	km 1.8 - 2.0	(Priority 1 Ref. 5)	



Existing Condition	Target Improvements
<ul style="list-style-type: none"><li>• Two 3.6 meter lanes with reduced shoulder.</li><li>• Road surface good.</li><li>• Drainage fair.</li></ul>	<ul style="list-style-type: none"><li>• Realign one horizontal curve.</li><li>• Construct shoulders.</li><li>• 3 m rock catchment ditch.</li><li>• Roadside barrier.</li><li>• Rock cuts up to 20 m required.</li></ul>



# Westside Road

## Phase 1: West Kelowna to La Casa

Segment 3 : Surface Improvement			
SA 08			
RIMMS	km 10.6 to 11.0	Length:	400 metres
WRIC	km 2.0 – 2.4 (Priority 1 Ref. 5)		



Existing Condition	Target Improvements
<ul style="list-style-type: none"> <li>Two 3.6 meter lanes with 1 metre shoulder.</li> <li>Road surface good.</li> <li>Drainage fair.</li> </ul>	<ul style="list-style-type: none"> <li>Sight distance reduced on vertical curve – add advisory sign.</li> <li>Possible courtesy pullout south bound with signs.</li> </ul>



# Westside Road

## Phase 1: West Kelowna to La Casa

Segment 4 : Alignment Improvement			
SA 08			
RIMMS	km 11.0 - 12.0	Length:	1 km
WRIC	km 2.4 – 3.4 (Priority 1 Ref. 6)		



Existing Condition	Target Improvements
<ul style="list-style-type: none"> <li>• Two 3.0 meter lanes with reduced shoulder.</li> <li>• Road surface good.</li> <li>• Drainage fair.</li> </ul>	<ul style="list-style-type: none"> <li>• Realign two horizontal curves and widen lanes.</li> <li>• Construct shoulders.</li> <li>• 3 m rock catchment ditch.</li> <li>• Drainage improvements.</li> </ul>



# Westside Road

## Phase 1: West Kelowna to La Casa

Segment 5 : Cross-Section Improvement			
SA 08			
RIMMS	km 12.0 - 12.5	Length:	500 metres
WRIC	km 3.4 – 3.9 (Priority 1 Ref. 7)		



Existing Condition	Target Improvements
<ul style="list-style-type: none"><li>• Two 3.6 meter lanes with reduced shoulder.</li><li>• Road surface good.</li><li>• Drainage fair.</li></ul>	<ul style="list-style-type: none"><li>• Construct shoulders.</li><li>• Drainage improvements.</li><li>• Roadside barrier.</li><li>• Rock cuts up to 5 m required.</li></ul>



# Westside Road

## Phase 1: West Kelowna to La Casa

### Segment 6 : Alignment Improvement

SA 08

RIMMS km 12.5 - 13.3

WRIC km 3.9 – 4.7 (Priority 1 Ref. 8 & 9)

**Length:**

800 metres

Blue Grouse



Existing Condition	Target Improvements
<ul style="list-style-type: none"><li>• Two 3.0 meter lanes with reduced shoulder.</li><li>• Road surface fair.</li><li>• Drainage fair.</li></ul>	<ul style="list-style-type: none"><li>• Realign horizontal curves and widen lanes.</li><li>• Construct shoulders.</li><li>• Roadside barrier.</li><li>• Rock cuts up to 20 m required.</li></ul>



# Westside Road

## Phase 1: West Kelowna to La Casa

### Segment 7 : Surface Improvement

SA 08

RIMMS km 13.3 – 17.3

WRIC km 4.7 – 8.7 (No Priority)

**Length:**

4 km

Okanagan Resort



#### Existing Condition

- Two 3.6 meter lanes with 1 metre shoulder.
- Road surface fair.
- Drainage fair.
- Existing south bound pullout area.

#### Target Improvements

- Routine maintenance only.
- Possible Improved pullout.

# Westside Road

## Phase 1: West Kelowna to La Casa

Segment 8 : Alignment Improvement			
SA 08			
RIMMS	km 20.6 – 21.0	Length:	400 metres
WRIC	km 12 (No Priority)		



Existing Condition	Target Improvements
<ul style="list-style-type: none"> <li>• Two 3.6 meter lanes with reduced shoulder.</li> <li>• Road surface good.</li> <li>• Drainage fair.</li> </ul>	<ul style="list-style-type: none"> <li>• Realign two horizontal curves and widen shoulders.</li> <li>• 1 m ditch with drainage improvements.</li> <li>• Roadside barrier.</li> <li>• Potential northbound courtesy pullout.</li> </ul>



# Westside Road

## Phase 1: West Kelowna to La Casa

### Segment 9 : Alignment Improvement

SA 13

RIMMS

km 2.9 – 4.9

**Length:**

2 km

WRIC

km 17.7 – 19.7 (Priority 2 Ref. 10)



#### Existing Condition

- Two 3.0 meter lanes with reduced shoulder.
- Road surface fair.
- Drainage fair.
- Existing northbound pullout.

#### Target Improvements

- Realign two horizontal curves and widen lanes and shoulders.
- 3 m rock catchment ditch.
- Roadside barrier.
- Rock cuts up to 20 m required.
- Update pullout & add signs.



# Westside Road

## Phase 1: West Kelowna to La Casa

### Segment 10 : Cross-Section Improvement

SA 13

RIMMS

km 4.9 - km 6.2

Length:

1.3 km

WRIC

km 19.7 – 21.0

(Priority 2 Ref. 12 - 14)



#### Existing Condition

- Two 3.6 meter lanes with reduced shoulder.
- Road surface fair.
- Drainage fair.

#### Target Improvements

- Construct shoulders.
- 3 m rock catchment ditch.
- Roadside barrier.
- Rock cuts up to 5 m required.
- Possible courtesy northbound pullout.



# Westside Road

## Phase 1: West Kelowna to La Casa

### Segment 11 : Surface Improvement

SA 13

RIMMS km 6.2 – 7.0

WRIC km 21.0 – 21.8 (No Priority)

**Length:**

800 metres

La Casa



### Existing Condition

- Two 3.6 meter lanes with 1 meter shoulder.
- Road surface good.
- Drainage good.
- Improvements completed in 2007.

### Target Improvements

- Routine maintenance only.
- Possible courtesy southbound pullout.

# Westside Road

## Phase 1: West Kelowna to La Casa

Segment 12 : Cross-Section Improvement			
SA 13			
RIMMS	km 7.0 - km 8.3	Length:	1.3 km
WRIC	km 21.8 – 23.1 (Priority 2 Ref. 15)	Muir Road	



Existing Condition	Target Improvements
<ul style="list-style-type: none"> <li>• Two 3.6 meter lanes with reduced shoulder.</li> <li>• Road surface fair.</li> <li>• Drainage fair.</li> </ul>	<ul style="list-style-type: none"> <li>• Construct shoulders.</li> <li>• 3 m rock catchment ditch.</li> <li>• Roadside barrier.</li> <li>• Improve mailbox pullout.</li> <li>• Rock cuts up to 5 m required.</li> </ul>

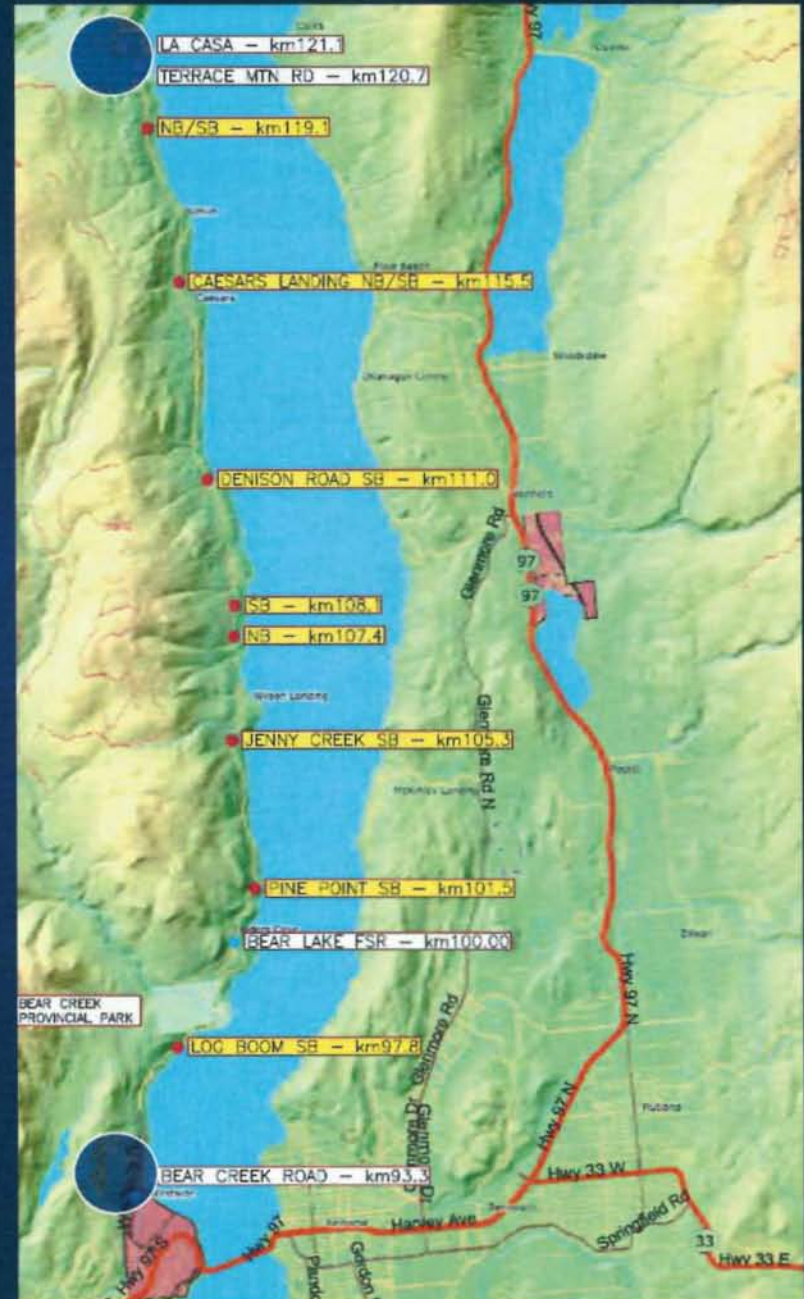


# Westside Road

## Phase 1: West Kelowna to La Casa

### Slow Moving Vehicle Pull-outs

- 9 potential pull-out locations currently under investigation.
- Pull-outs will be combined with special signing to encourage use by slow moving vehicles.
- Targeted at commercial / industrial and recreational vehicle operators.
- Intended to reduce driver frustration and risk of unsafe passing maneuvers.
- Number to be constructed each season will be based on funding.





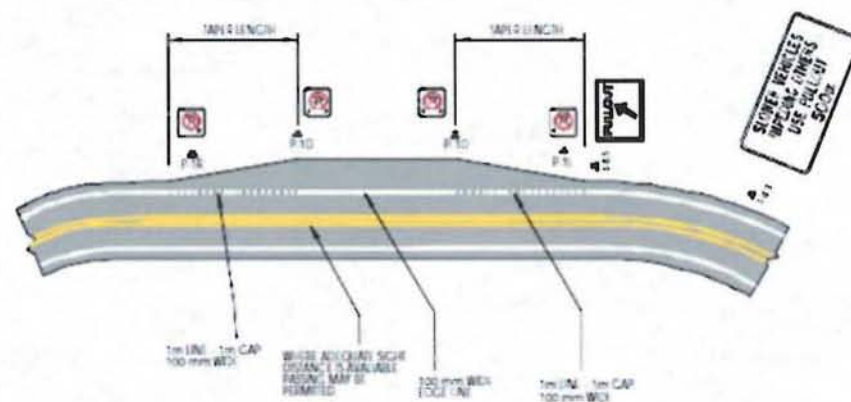
# Westside Road

## Phase 1: West Kelowna to La Casa

### Slow Moving Vehicle Pull-outs

- Pull-out length will be designed to fit alignment.
- Winding road advisory signs will be placed at Bear Creek area for north bound traffic and near Westshore Road for south bound traffic.
- Advisory “Slow Vehicles Use Pull-Outs” will be placed below “Caution” signs.

### Slow-Moving Vehicle Pullout Markings





# Westside Road

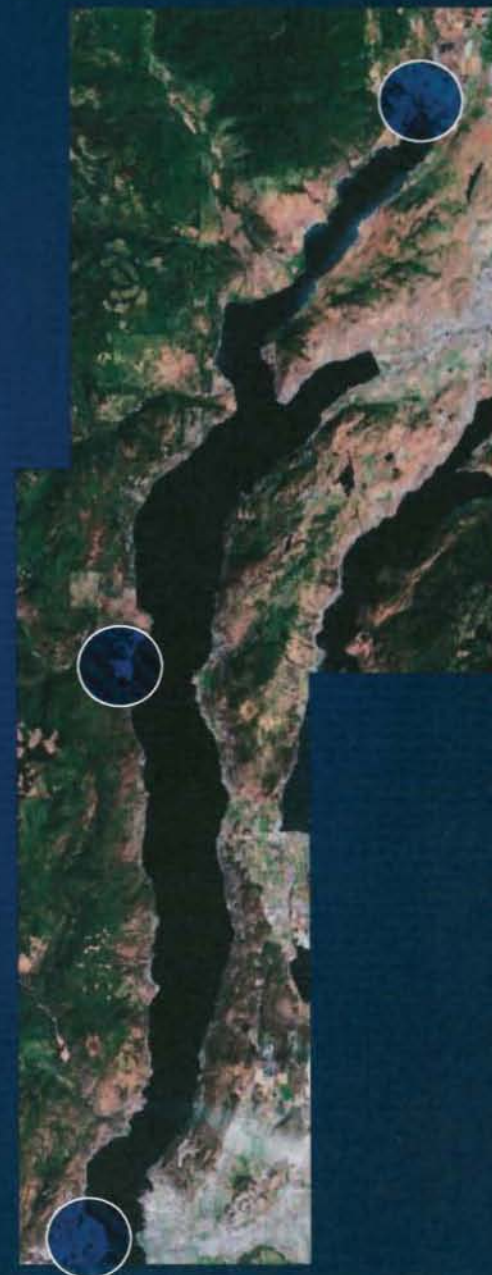
## Phase 2: La Casa to Highway 97

### Work completed:

- Survey completed using LiDAR side scanning radar technology.

### Work planned:

- Preliminary assessment of alignment and cross sections issues – commencing this summer.
- Preliminary impact impacts and risk assessment.
- Engage communities for feed back.
- Establish priorities for future improvements.







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# Questions and comments

Thank you for attending the meeting this evening. If you have any comments you wish to share or questions please free to talk to one of the MoTI staff in attendance. Written comments you can be sent to:


W. Murray Tekano  
District Manager, Transportation  
Okanagan-Shuswap District  
300 – 1358 St. Paul Street  
Kelowna BC V1Y 2E1

or by fax to: 250-712-3669

or by email: [Murray.Tekano@gov.bc.ca](mailto:Murray.Tekano@gov.bc.ca)



Ministry of  
Transportation and Infrastructure

  
The Best Place on Earth

## Westside Road – Public Information Session March 10, 2011

**Welcome:**

Welcome to this information session. The purpose of tonight's meeting is three fold:

- Review
- Discuss
- Get com

### Westside Road – Public Information Session March 10, 2011

**Background**

Westside Road is a major corridor in the Okanagan Valley. The annual average daily traffic (AADT) is approximately 12,000 vehicles per day. The road is currently in poor condition and requires significant improvements. The MoTI has been working on a program of improvements to the road, including alignment, surface, and cross-section improvements. The program is divided into three phases: Phase 1, Phase 2, and Phase 3. Phase 1 improvements are currently being implemented and will be completed by the end of 2011. Phase 2 improvements are planned for 2012 and Phase 3 improvements are planned for 2013.

**Phase 1:**

Segment	Improvement Type	Length	WRC ID
Segment 12	Cross-Section Improvement	1.3 km	10
Segment 11	Surface Improvement	600 m	11
Segment 10	Cross-Section Improvement	1.3 km	12 – 14
Segment 9	Alignment Improvement	2 km	15
Segment 8	Alignment Improvement	400 m	16
Segment 7	Surface Improvement	6 km	17
Segment 6	Alignment Improvement	600 m	18
Segment 5	Cross-Section Improvement	500 m	19
Segment 4	Alignment Improvement	1 km	20
Segment 3	Surface Improvement	400 m	21
Segment 2	Alignment Improvement	400 m	22
Segment 1	Surface Improvement	1.6 km	23 – 24


**Your comments are important to us:**

Thank you for attending the meeting this evening. If you have any comments you wish to share or questions please free to talk to one of the MoTI staff in attendance. Written comments you can be sent to:

W. Murray Tekano  
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or by fax to: 250-712-3669  
or by email: [Murray.Tekano@gov.bc.ca](mailto:Murray.Tekano@gov.bc.ca)

Information can also be found at:  
<http://www.bccorp.ca/okanagan/valleyprojects/westside-ukelowna-section/>





# Westside Road Review

## West Kelowna to Highway 97 (Near Vernon)

### Confidential Draft Report – June 11, 2013

#### **Background:**

Westside Road intersects with Hwy 97, one kilometre (km) south of the W.R. Bennett Bridge in Kelowna. It is approximately 65 km long proceeding north along the west side of Okanagan Lake from West Kelowna to O’Keefe Ranch on Highway 97, north of Vernon. Westside Road serves as a collector route through numerous pockets of residential and recreational development. The road traverses rolling mountainous terrain and is paved for its entire length.

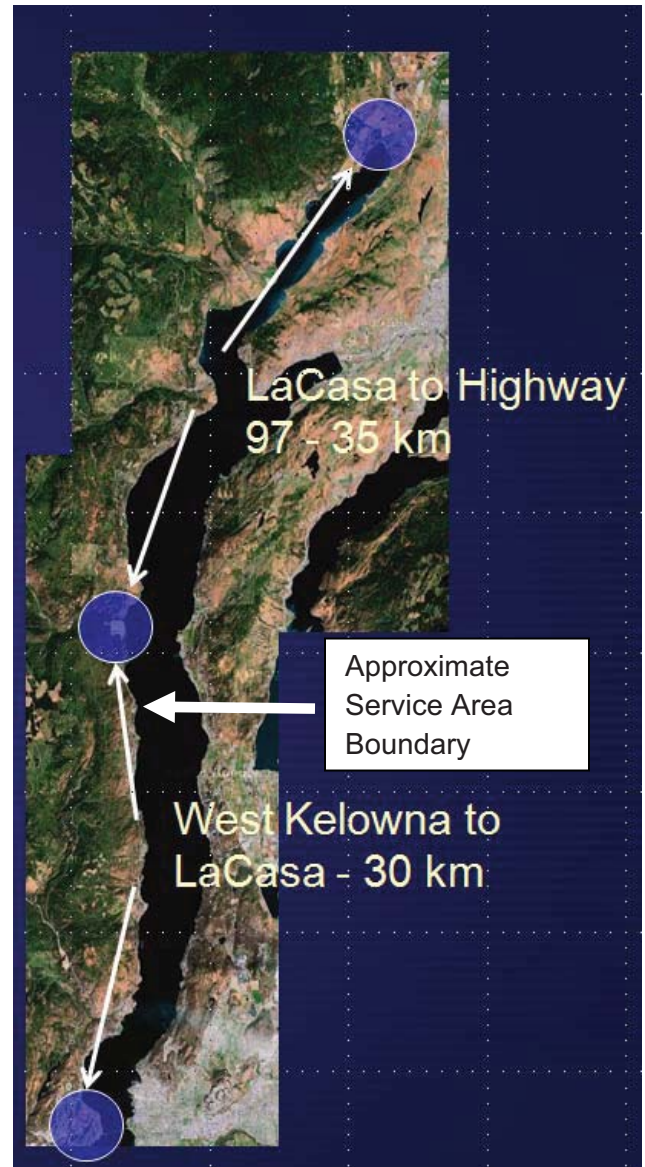
From Highway 97 in West Kelowna to Bear Creek Road Westside Road lies within the District of West Kelowna. From Bear Creek Road to Pinecrest Road north of La Casa the road lies within the Regional District of Central Okanagan (RDCO). From Pinecrest Road to Highway 97 near Vernon Westside road lies within Okanagan Indian Band lands.

Travel on Westside Road is predominantly local commuter oriented as the route connects residential development along its length with both West Kelowna/Kelowna to the south and Vernon to the north. The estimated residential population serviced by Westside Road is in the order of 1200 residents (RDCO 2011 OCP estimates).

Recreational travel increases in the summer months due to seasonal residential use. Two provincial parks are located on Westside Road, Bear Creek Park (Class A) near west Kelowna and Fintry Park (Class A) mid way to Vernon near LaCasa. There are a number of commercial recreational developments including Okanagan Lake Resort, the development at LaCasa and numerous small scale resorts and B&B operations.

Commercial operations along Westside Road include gravel mining in the Bear Creek Road area and logging operations in the Browns Creek area within the OKIB lands.

Between 2008 and 2013 over \$10 million will have been invested in improvements to Westside Road.



## **Safety History:**

Information has been acquired directly from the Insurance Corporation of British Columbia (ICBC) for collision data along Westside Road within the study area.

ICBC collision data indicated a total of 68 collisions along Westside Road from 2005 through 2009 for the section between Terrace Mountain Road and Bear Creek Road (+/- 29km). The collision data was not scrubbed by the MoTI to confirm collision locations (collision data was not linked to km markings).

The breakdown of collisions by year is as follows.

YEAR	Severs Collisions	Property Damage Only	Totals
2005	1	9	10
2006	1	11	12
2007	3	14	17
2008	3	12	15
2009	2	12	14
<b>Totals</b>	<b>10</b>	<b>58</b>	<b>68</b>

In general, the ICCBC collision data is much cruder than the data that the MoTI has in the Collision Information System. In order to better assess the collisions, the incident descriptions were used to summarize causal factors related to each collision.

Wildlife	29.4%
Weather	14.7%
Off-Road	10.3%
Undue Care	10.3%
N/A	7.4%
Intersection/Turning	5.9%
Rock Fall	5.9%
Head On	4.4%
Mechanical Failure	2.9%
Rear End	2.9%
Unsecured Load	2.9%
Improper Passing	1.5%
Road Condition	1.5%
	100.0%

Collisions with wildlife and collisions during poor weather top the list in terms of common causal factors with a combined 44.1% of the collisions. Improper passing was identified as the causal factor in only one collision between 2005 and 2009.



The identification and interpretation of collisions resulting from driver frustration over platoons and slow moving traffic is difficult to determine from the collision data. Causal types associated with off-road, undue care, head on and rear end collisions could be in part related to those factors.

## **Stakeholder Relations & Public Information**

### **Outreach:**

MoTI staff are engaged in regular quarterly meetings with the Westside Road Improvement Committee (WRIC) since 2007. The committee is comprised of representatives of key residential areas including Ewings Landing, Fintry, Caesars Landing and the RDCO Area E Director.

MoTI also provides information updates on improvements plans to the Wilsons Landing Residents Association and attended a community meeting hosted by the West Kelowna MLA in March 2010 to discuss improvement plans.

Two MoTI public information sessions were held in 2012 to discuss ongoing improvement plans.

A public webpage has been online since 2010 offering public updates on planned improvements and providing access for questions or concerns by the public.

### **Key Issues:**

The majority of public concern is related to the narrow width and poor alignment/sight lines on sections of Westside Road particularly in areas of structural loss due to slope instability.

One of the primary drivers of concern is the perception that the road is unsafe due to increasing volumes of commercial trucks accessing gravel operations or housing development.

As the road is a primary commuter route it also carries school bus traffic raising concerns over safety particularly during winter months.

Wildlife collisions are also a source of less frequent concern.

## **Annual Road Maintenance**

Westside Road crosses two operations service areas. The southern section, West Kelowna to Caesars Landing lies with Service Area 08 maintained by Argo Industries South (approximately 23.22 km) while the northern section to Highway 97 lies within Service Area 13 maintained by JPW Road and Bridge Maintenance (approximately 42.47 km) who took over from Argo Industries North Okanagan in April 2012.

Westside Road is a low volume road (1000 AADT) with predominantly local residential commuter traffic year round. Summer volumes increase (1100 SADT) with seasonal / recreational travel. Higher summer volumes (2500 SADT) are experience between West Kelowna and Bear Creek Provincial Park.

### **Maintenance Classification Service Area 08:**

Summer Class 3 for entire length to Caesars Landing

s17

Winter Class B for 1.8 km north of Highway 97 (West Kelowna)

Winter Class C for 22.5 km starting 1.8 km north of Highway 97 (West Kelowna)

s17

### **Maintenance Classification Service Area 13:**

Summer Class 2 for 26.84 km from Caesars Landing

Summer Class 3 for 15.64 km starting 26.84 km from Caesars Landing

s17

Winter Class B for 26.84 km from Caesars Landing

Winter Class C for 15.64 km starting 26.84 km from Caesars Landing

s17

Surface condition repairs are the predominant maintenance activity using spray patch, small overlays or pothole repairs.

### **Quantified Plan Activity Service Area 08:**

The 2012 Quantified Plan (QP) in Service Area 08 included 4.2 shoulder kilometres of shoulder grading, 168 sq. metres of overlay patching, and – 25 units of sign and delineator installations.

s17

The 2013 QP in Service Area 08 is planned to include additional ditching along with surface and sign repairs

s17

### **Quantified Plan Activity Service Area 13:**



The 2012 Quantified Plan (QP) in Service Area 13 included overlay patching, ditching, mowing and sign installs

s17

The 2013 QP in Service Area 13 is planned to include hot mix hand patching, spray patching, mowing and hand brushing

s17

## **Westside Road Projects**

### **2008 - 2013**

<b><u>Year</u></b>	<b><u>Project Description</u></b>	<b><u>Value</u></b>
<b>2008</b>	Overlay patching and shoulder widening – Browns road area (SA 13)	\$247,000
	Resurfacing from Highway 97 (Vernon area) for 2 km south.	\$324,000
<b>Sub Total (2008)</b>		<b>\$571,000</b>
<b>2009</b>	Resurfacing and intermittent patching Highway 97 (Vernon area) to Ewings Landing.	\$324,000
<b>Sub Total (2009)</b>		<b>\$324,000</b>
<b>2010</b>	Lidar Mapping from West Kelowna to LaCasa	\$78,000
	Shoulder widening, flare construction and 100m of barrier installation near Pine Point.	\$64,000
<b>Sub Total (2010)</b>		<b>\$142,000</b>
<b>2011</b>	North and Southbound Pullouts – 4.5 km south of Terrace Mountain Road at Cesar's Landing.	\$400,000
	Southbound Pullout – 4.0 km north of Pine Point at Jenny Creek.	\$110,000
<b>Sub Total (2011)</b>		<b>\$510,000</b>
<b>2012</b>	Resurfacing La Casa (1.0 km) - Starting 430m north of Barcelona Drive in La Casa and continues north for 1.0 km.	\$220,000
	Resurfacing Whiteman Creek (1.6 km) - Starting 420 m south of Whiteman Creek Bridge and continues north for 1.6 km.	\$350,000
	Resurfacing Little Kingdom (2.9 km) - Starting 700m south of Six Mile Road and continues north for 2.9 km.	\$640,000
	Southbound Pullout – 2.0 km south of Dennison Road north of Wilson's Landing.	\$110,000



	Southbound Pullout & Road Realignment - 11.0 km north of Bear Lake FSR at Dimitri Creek; approx. 5 km north of Wilson Landing, includes flattening alignment to reduce road curvature.	\$760,000
	Road sign upgrades, additional corner markers and reflective road delineators from Bear Creek Road to Highway 97 at O'Keefe Ranch.	\$75,000
<b>Sub Total (2012)</b>		<b>\$2.2 million</b>
<b>2013 (underway)</b>	Southbound Pullout - 1.5 km north of Bear Lake Forest Service Road near Pine Point combined with Blue Grouse project.	\$250,000
	Northbound Pullout - 7.4 km north of Bear Lake FSR; approx. 400m north of Wilson Landing Fire Hall combined with Cinnebar project.	\$250,000
	Blue Grouse to Jenny Creek project (Stage 1) involves 500 meters of widening, installation of concrete roadside barrier and alignment improvements. This is scheduled to be completed later in summer 2013.	\$3.0 million
	Cinnabar Creek 300m re-alignment project improving two curves widening the roadway and installing concrete roadside barrier completed spring 2013.	\$1.3 million
	Resurfacing Caesars to Nahun (3.1 km) - Deighton Road 3.1 km south to Caesars Landing & spot patching.	\$650,000
	Intermittent Resurfacing Jenny Creek to Caesars.	\$1.0 million
<b>Sub Total (2013)</b>		<b>\$6.5 million</b>
<b>Total Value</b>		<b>\$10.3 million</b>

## **Westside Road Improvement Options**

A review (2010 assessment) of Westside Road was carried out in December 2009 and January 2010 to determine options for improvements to the cross-section and alignment, and to examine possible operational improvements to improve traffic mobility.

The cross-sectional and alignment elements were reviewed against an ambient standard by roadway segment.

Updates to the 2010 assessment include improvements delivered, cost estimates revised to reflect 2013 costs, 2012 engineering input from Blue Grouse and LaCasa segments and additional allowances for land acquisition.

Condition assessment of the LaCasa to Highway 97 section is based on visual inspection of surface condition in the summer of 2012.

### **Assessment Criteria:**

Proposed Design Criteria (ambient standard)

- Desired design speed: 70 km/h
- Lane width: 3.6 metres
- Shoulder width: 1.0 metre
- Ditch width (rock catchment) 3 – 5 metres
- Horizontal Curvature: 190 metres

There is allowance to address ambient standards with signage or other works such as barriers as may be determined.

### **Segments Definition:**

The evaluation is limited to the segment of Westside Road between the Bear Creek Forest Service Road (FSR) and the development know as La Casa.

A segment numbering scheme was used based on the RIMS distance from Maintenance Contractor Service Area boundaries. Service Area 08 (SA08) covers the southern portion of the road and Service Area 13 (SA13) covers the northern portion of the road. The boundary between service areas occurs at Caesars Landing.

Reference is also made to the Westside Road Improvement Committee (WRIC) priority numbering on each project page.

### **Segment Categorization:**

Each segment has been field reviewed and categorized by improvement level to meet an ambient standard.

**Surface Improvement** – Road has 3.6 metre lane widths, generally a 1 metre shoulder. Some ditching and surface improvement may be required.



**Cross-Section Improvement** – Road has 3.6 metre lane widths but with reduced shoulder. Some ditching may be required.

**Alignment Improvement** – Road has less than 3.6 metre lane widths, reduced shoulder, rock fall concerns, reduced sight distance, and reduced alignment geometry.

In addition global safety related enhancements were also identified including slow moving vehicle pullout lanes, advisory sign upgrade to higher reflectivity and road delineator upgrades along the entire corridor.

Cost Estimate Assumptions:

Estimates for improvement to meet design criteria, using BCMoTI typical construction costs per km, for a two lane low volume road in difficult terrain.

- Estimated cost of slow moving vehicle pullout = \$200,000
- Estimated cost of resurfacing = \$220,000 / km (2 lanes)
- Estimated cost of engineering = 10% total construction cost or 5% surfacing cost with no pullout
- Estimated cost of land including arch and environmental = 20% construction costs (including pullouts)
- Contingency = 25% on all costs

Geotechnical, environmental and archeology would be needed as project requirements dictated. There are numerous identified archeological sites along the length of the road. Bighorn sheep and deer are also prevalent.

## West Kelowna to La Casa





## West Kelowna to LaCasa

<b>Segment 1 : Surface Improvement</b>		<b>Estimated Cost:</b>	s17
SA 08			
RIMMS	km 8.6 - 10.2	<b>Length:</b>	1.6 km
WRIC	km 0.0 – 1.8 (Priority 1 Ref. 1 – 4)	Pine Point	

Existing Condition	Target Improvements
<ul style="list-style-type: none"> <li>• Two 3.6 meter lanes.</li> <li>• Road surface good.</li> <li>• Drainage good.</li> <li>• Improvements completed in 2007.</li> <li>• R/W is S. 42 through property owned by Tolko.</li> </ul>	<ul style="list-style-type: none"> <li>• Shoulder widening.</li> <li>• Construct courtesy pullout<sup>1</sup> north bound with signs.</li> </ul>



Segment 1: 8.7 km north of Highway 97 (West Kelowna)

Work Completed/Underway
<ul style="list-style-type: none"> <li>• Shoulder improvement and CRB placement at Pine point. Value: \$64,000</li> </ul>

## West Kelowna to LaCasa

<b>Segment 2 : Alignment Improvement</b>		<b>Estimated Cost:</b> s17	
SA 08			
RIMMS	km 10.2 - 10.6	<b>Length:</b>	400 metres
WRIC	km 1.8 - 2.0 (Priority 1 Ref. 5)		

Existing Condition	Target Improvements
<ul style="list-style-type: none"> <li>• Two 3.6 meter lanes with reduced shoulder.</li> <li>• Road surface fair.</li> <li>• Drainage fair.</li> <li>• R/W is unknown.</li> </ul>	<ul style="list-style-type: none"> <li>• Realign one horizontal curve to achieve SSD.</li> <li>• Construct 1 metre shoulders.</li> <li>• 3 m rock catchment ditch.</li> <li>• Roadside barrier.</li> <li>• Utility relocation (Telus).</li> <li>• Rock cuts up to 20 m required.</li> </ul>



Segment 2: 10.2 km north of Highway 97 (West Kelowna)

<b>Work Completed/Underway</b>
•



## West Kelowna to LaCasa

Segment 3 : Surface Improvement		Estimated Cost: s17	
SA 08			
RIMMS	km 10.6 to 11.0	Length:	400 metres
WRIC	km 2.0 – 2.4 (Priority 1 Ref. 5)		

Existing Condition	Target Improvements
<ul style="list-style-type: none"> <li>• Two 3.6 meter lanes.</li> <li>• Road surface good.</li> <li>• Drainage fair.</li> <li>• R/W is unknown.</li> </ul>	<ul style="list-style-type: none"> <li>• Sight distance reduced on vertical curve.</li> <li>• Add 1 metre shoulder.</li> <li>• Construct courtesy pullout<sup>1</sup> south bound with signs.</li> </ul>



Segment 3: 10.6 km north of Highway 97 (West Kelowna)

Work Completed/Underway
•

## West Kelowna to LaCasa

<b>Segment 4 : Alignment Improvement</b>		<b>Estimated Cost:</b> s17	
SA 08			
RIMMS	km 11.0 - 12.0	<b>Length:</b>	1 km
WRIC	km 2.4 – 3.4 (Priority 1 Ref. 6)	Blue Grouse – Jenny Creek	

Existing Condition	Target Improvements
<ul style="list-style-type: none"> <li>Two 3.0 meter lanes with reduced shoulder.</li> <li>Road surface fair.</li> <li>Drainage fair.</li> <li>R/W is unknown and S. 42 through DL 4490.</li> </ul>	<ul style="list-style-type: none"> <li>Realign two horizontal curves to achieve SSD.</li> <li>Add 0.6 metre to all lanes.</li> <li>Construct 1 meter shoulders.</li> <li>3 m rock catchment ditch.</li> <li>Drainage improvements.</li> <li>Roadside barrier.</li> <li>Utility relocation (Telus).</li> <li>Rock cuts up to 20 m required.</li> </ul>



Segment 4: 11.5 km north of Highway 97 (West Kelowna)

Work Completed/Underway
•



## West Kelowna to LaCasa

<b>Segment 5 : Cross-Section Improvement</b>		<b>Estimated Cost:</b> s17	
SA 08			
RIMMS	km 12.0 - 12.5	<b>Length:</b>	500 metres
WRIC	km 3.4 – 3.9 (Priority 1 Ref. 7)	Blue Grouse – Jenny Creek	

Existing Condition	Target Improvements
<ul style="list-style-type: none"> <li>• Two 3.6 meter lanes with reduced shoulder.</li> <li>• Road surface good.</li> <li>• Drainage fair.</li> <li>• R/W is S. 42 through DL 4490 and Crown.</li> </ul>	<ul style="list-style-type: none"> <li>• Construct 1 meter shoulders.</li> <li>• 3 m rock catchment ditch.</li> <li>• Drainage improvements.</li> <li>• Roadside barrier.</li> <li>• Utility relocation (Telus).</li> <li>• Improve mailbox pullout.</li> <li>• Rock cuts up to 5 m required.</li> </ul>



Segment 5: 12.4 km north of Highway 97 (West Kelowna)

Work Completed/Underway
<ul style="list-style-type: none"> <li>• 500 meters of widening, installation of concrete roadside barrier and alignment improvements to be completed later in summer 2013. Value: \$2.6 million</li> </ul>

## West Kelowna to LaCasa

<b>Segment 6 : Alignment Improvement</b>		<b>Estimated Cost:</b> s17	
SA 08			
RIMMS	km 12.5 - 13.3	<b>Length:</b>	800 metres
WRIC	km 3.9 – 4.7 (Priority 1 Ref. 8 & 9)	Blue Grouse – Jenny Creek	

Existing Condition	Target Improvements
<ul style="list-style-type: none"> <li>• Two 3.0 meter lanes with no shoulder.</li> <li>• Road surface fair.</li> <li>• Drainage fair.</li> <li>• R/W is Crown.</li> </ul>	<ul style="list-style-type: none"> <li>• Realign horizontal curves to achieve SSD.</li> <li>• Add 0.6 metre to each lane.</li> <li>• Construct 1 meter shoulders.</li> <li>• 3 m rock catchment ditch.</li> <li>• Drainage improvements.</li> <li>• Roadside barrier.</li> <li>• Utility relocation (Telus).</li> </ul>



Segment 6: 13 km north of Highway 97 (West Kelowna)

Work Completed/Underway
•



## Summary of Estimated Costs (\$2013)

Segment	Length	
<b>West Kelowna to LaCasa</b>		
Segment 1 : Surface Improvement	1.6 km	
Segment 2 : Alignment Improvement	400 m	
Segment 3 : Surface Improvement	400 m	
Segment 4 : Alignment Improvement	1 km	
Segment 5 : Cross-Section Improvement	500 m	
Segment 6 : Alignment Improvement	800 m	
Segment 7 : Surface Improvement	4 km	
Segment 8 : Alignment Improvement	1.4 m	s13, s17
Segment 9 : Alignment Improvement	2 km	
Segment 10 : Cross-Section Improvement	4.3 km	
Segment 11 : Surface Improvement	800 m	
Segment 12 : Cross-Section Improvement	1.3 km	
Sub-total:	15.5 km	
<b>LaCasa to Highway 97</b>		
LaCasa to Pinecrest	12 km	
Pinecrest to Highway 97	23 km	
Sub-total:	35 km	
<b>Grand Total:</b>	<b>50.5 km</b>	

s13, s17





# Transportation and Infrastructure

## Westside Road — West Kelowna to Highway 97 North of Vernon

### Project Scope

- Approximately 65 km along the west side of Okanagan Lake from West Kelowna to Highway 97 near O'Keefe Ranch.
- The annual average daily traffic is approximately 1000 vehicles per day.
- Summer average daily traffic south of Bear Creek Provincial Park is approximately 2500 vehicles per day.
- Ongoing community group input from Westside Road Improvement Committee and Wilson Landing Committee.
- Program of minor rehabilitation projects undertaken to surface condition and alignment issues.
- Varying levels of investment - over \$19 million between 2000 and 2012.

### Phase 1 - West Kelowna to La Casa

#### Work Completed

- Survey completed using LiDAR technology.
- Preliminary assessment of alignment and cross sections issues - 12 segments.
- Engineering review of slow moving vehicle impacts on traffic operation.
- 5 Safety Pullouts for Slow Moving Vehicles Completed
  - Site 1 Pine Point Southbound Pullout
  - Site 2 Jenny Creek Southbound
  - Site 3 Wilsons Landing Southbound
  - Site 4 Dmitri Creek Southbound Pullout and Realignment

- Site 5 Caesars Landing  
Northbound and Southbound
- Signing & Delineation Improvements -  
Installation of replacement signage, 41  
new chevron signs, 344 new reflectors,  
and 725 new delineators on Westside  
road from Bear Creek FSR to Hwy 97 in  
Vernon
- Cinnabar Creek Realignment
- Blue Grouse to Jenny Creek  
Realignment
- Westside Rd Resurfacing Caesars  
Landing to Nahun

## Work Underway

- Engineering design of segments  
identified for Alignment and Cross  
Section Improvements

## Work Planned

- Geotechnical, archeological and  
environmental assessment and  
consultation
- Establish priorities for future  
improvements
- Westside Rd Resurfacing Westside Pl  
to Secret Pt

## Phase 2 - La Casa to Highway 97

## Work Completed

- Survey completed using LiDAR side  
scanning radar technology.
- Resurfacing of Westside Rd - 3  
locations totalling 5.4km
  - 1.0 km Starting 400m North of  
Barcelona Rd at La Casa
  - 1.5 km at Whiteman Creek Bridge
  - 2.9 km at Six Mile Road

## Work Underway

- Preliminary assessment of alignment  
and cross-section issues



## Work Planned

- Preliminary impacts and risk assessment.
  - Engage communities for feedback.
  - Establish priorities for future improvements.
- 

## Contact

- Ministry Transportation and Infrastructure

Steve Sirett  
Program Manager  
Okanagan-Shuswap  
Phone: 250-712-3666

## Documents

- [Westside Road Improvements Map](#) (PDF - 2.95 MB)
- [Information Session Invitation March 10, 2011](#) (PDF - 38 KB)
- [Westside Road Improvements Presentation March 10, 2011](#) (PDF - 1.97 MB)
- [Westside Road Presentation Handout March 10, 2011](#) (PDF - 1.96 MB)
- [Westside Road Improvements Blue Grouse to Jenny Creek Story Boards](#) (PDF - 1.63 MB)



Print and close



Cancel

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
 2013-16 SIR Multi Year Rehabilitation Program (MYRP) Ver 1 UPDATED  
 Project Summary by Program Element and Organization

Date: 2012-10-26  
 03:20 PM  
 PRJR02

Program Element	Region Branch	District Bus Area	Title	CBA	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Future
Subtotal:										
Mp	Mountain Pine Bee	RG2	Regional Freshet Program Mp FY(14)		1,000	1,000	1,000	1,000		
Mp	Mountain Pine Bee	RG2	Regional Overhead Recoveries		500	750	750	750		
Mp	Mountain Pine Bee	RG2	Regional MPB Contingency		400	400	400	400		
Mp	Mountain Pine Bee	RG2	DS03 District Resurfacing RM FY(14)		600	600	600	600		
Mp	Mountain Pine Bee	RG2	DS03 Westside Rd Rehabilitation		195					
Mp	Mountain Pine Bee	RG2	DS03							
Mp	Mountain Pine Bee	RG2	DS03	s13, s17						
Mp	Mountain Pine Bee	RG2	DS03 District Minor Projects RM FY(14)		50	0	0	0		
Mp	Mountain Pine Bee	RG2	DS03 13th St & Victoria Ave Cranbrook - Intersection Improvement		40	0	0	0		
Mp	Mountain Pine Bee	RG2	DS03							
Mp	Mountain Pine Bee	RG2	DS03							
Mp	Mountain Pine Bee	RG2	DS03	s13, s17						
Mp	Mountain Pine Bee	RG2	DS03							
Mp	Mountain Pine Bee	RG2	DS03							
Mp	Mountain Pine Bee	RG2	DS04 Nelson Area Resurfacing		615	0	0	0		
Mp	Mountain Pine Bee	RG2	DS04 Nelson Area Sideroad RAP Resurfacing		260	0	0	0		

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MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
 2013-16 SIR Multi Year Rehabilitation Program (MYRP) Ver 1 UPDATED  
 Project Summary by Program Element and Organization

Date: 2012-10-26

03:20 PM

PRJR02

Program Element	Region Branch	District Bus Area	Title	CBA	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Future
Mp Mountain Pine Bee	RG2	DS04	Grand Forks Area Sideroad RAP Resurfacing		100	0	0	0		
Mp Mountain Pine Bee	RG2	DS04	Castlegar Area Sideroad RAP Resurfacing		100	0	0	0		
Mp Mountain Pine Bee	RG2	DS04		s13, s17						
Mp Mountain Pine Bee	RG2	DS05	Westside Rd Resurfacing Mp		650					
Mp Mountain Pine Bee	RG2	DS05	Enderby Mabel Lake Rd Resurfacing		225					
Mp Mountain Pine Bee	RG2	DS05								
Mp Mountain Pine Bee	RG2	DS05								
Mp Mountain Pine Bee	RG2	DS05								
Mp Mountain Pine Bee	RG2	DS05		s13, s17						
Mp Mountain Pine Bee	RG2	DS05								
Mp Mountain Pine Bee	RG2	DS05								
Mp Mountain Pine Bee	RG2	DS06	Westsyde Rd Resurfacing		2,000					
Mp Mountain Pine Bee	RG2	DS06	Cattleguard Program TN FY(14)		75	100	100	100		
Mp Mountain Pine Bee	RG2	DS06	Danger Tree Removal TN FY(14)		45	150	150	150		
Mp Mountain Pine Bee	RG2	DS06	H5A Frost Probe Installation		30	0	0	0		

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MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
 2013-16 SIR Multi Year Rehabilitation Program (MYRP) Ver 1 UPDATED  
 Project Summary by Program Element and Organization

Date: 2012-10-26

03:20 PM

PRJR02

Program Element	Region Branch	District Bus Area	Title	CBA	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Future
Sr Heartlands	RG2	DS04	Longitudinal Pavement Marking WK FY(14)		100	100	100	100		
Sr Heartlands	RG2	DS04	Fruitvale Sideroad Resurfacing		70	0	0	0		
Sr Heartlands	RG2	DS04	District Sideroad Resurfacing WK FY(14)		0	436	441	441		
Sr Heartlands	RG2	DS05	District Betterments OKS FY(14)		300	350	350	350		
Sr Heartlands	RG2	DS05		s13, s17						
Sr Heartlands	RG2	DS05	Pavement Marking OKS FY(14)		176	130	130	0		
Sr Heartlands	RG2	DS05	Hoffmans Bluff to Chase Cr Br Sideroad RAP Resurfacing		150	0	0	0		
Sr Heartlands	RG2	DS05		s13, s17						
Sr Heartlands	RG2	DS05	Commonage Rd First Time Hard Surfacing		100	0	0	0		
Sr Heartlands	RG2	DS05		s13, s17						
Sr Heartlands	RG2	DS05	District Contingency OKS FY(14)		70	70	70	70		
Sr Heartlands	RG2	DS05		s13, s17						
Sr Heartlands	RG2	DS05	Whitevale Rd Resurface		30		s13, s17			
Sr Heartlands	RG2	DS05		s13, s17						
Sr Heartlands	RG2	DS05	Westside Rd Improvements			s13, s17				

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## Guenard, Gislene TRAN:EX

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**From:** Lorimer, Mike TRAN:EX  
**Sent:** Wednesday, August 21, 2013 10:50 AM  
**To:** Koehl, Debbie TRAN:EX  
**Subject:** FW: Westside Road

Mike Lorimer  
Regional Director - Southern Interior Region

-----Original Message-----

From: Blixrud, Rick G TRAN:EX  
Sent: Wednesday, August 21, 2013 10:34 AM  
To: Lorimer, Mike TRAN:EX  
Subject: FW: Westside Road

Thanks,  
Rick Blixrud,  
Deputy Regional Director Southern Interior Region, Ministry of Transportation and Infrastructure  
342 - 447 Columbia Street, Kamloops  
☎ (250) 828-4843 (250) 828-4204  
e-mail: [Rick.Blixrud@gov.bc.ca](mailto:Rick.Blixrud@gov.bc.ca)

-----Original Message-----

From: Lorimer, Mike TRAN:EX  
Sent: Wednesday, May 29, 2013 1:01 PM  
To: Blixrud, Rick G TRAN:EX; Tekano, Murray TRAN:EX  
Cc: Chambers, Craig GCPE:EX  
Subject: Westside Road

Guys

Do we have a current IN on Westside Road?

Looks like BCAA may have it high on their list again.

Sent from my iPhone

## ADVICE TO MINISTER

### CONFIDENTIAL ISSUES NOTE

Ministry of Transportation and Infrastructure  
Date:

Minister Responsible:

# BCAA Worst Roads List 2013

### ADVICE AND RECOMMENDED RESPONSE:

- The safety of our highways is our number one priority.
- We take the condition of our roads and highways very seriously, and we're continuously assessing roads and planning repairs where necessary, all across the province.
- This year, we will be undertaking over \$270 million in road and bridge repairs and rehabilitation throughout the province.
- We are always interested in the annual BCAA survey.
- It gives us additional public feedback, which is valuable as we prioritize projects within our highway rehabilitation program.
- Ministry staff are reviewing the top 10 list, and will look closely at those roads that are a provincial responsibility.
- As a reminder, if anyone sees a problem on the highway that could be hazardous to other drivers, they should immediately report it to the Highway Maintenance Contractor in the area. There's a handy "Report a Problem" link on the DriveBC website at [www.drivebc.ca](http://www.drivebc.ca).

### If asked about Westside Road:

- The ministry has been working to improve Westside Road near Kelowna, and has invested over \$8 million dollars over the last three years. This year, work on Westside Road will total over \$3 million.
- Last year we realigned a section of Westside Road at Cinnibar Creek, resurfaced over 5.5 km of road and constructed five slow-moving vehicle pullouts.
- This year, we're realigning a section of road between Blue Grouse and Jenny Creek, resurfacing another 3.1 km, and completing two more pullouts.
- The ministry will continue to work closely with local MLAs, other area representatives and local stakeholders to prioritize future improvements.



## KEY FACTS REGARDING THE ISSUE:

Of the 2013 top 10 worst roads in B.C. as rated through BCAA's survey, seven are the responsibility of the Province:

1. **Westside Road Kelowna Potholes/crumbling pavement**
3. **George Massey Tunnel Richmond Traffic congestion**
4. **Pacific Rim Highway Port Alberni Potholes/crumbling pavement**
5. **Vernon Slocan Highway Cherryville Potholes/crumbling pavement**
6. **Island Highway Malahat Traffic congestion**
8. **Sea-to-Sky Highway Pemberton Potholes/crumbling pavement**
9. **Harris Road Saturna Island Potholes/crumbling pavement**

### Westside Road:

- The ministry is already working on improving Westside Road. Last year, 5.5 km of resurfacing work was completed on Westside Road, addressing three areas – near La Casa, near Whiteman Creek and near Six Mile Road.
- An additional 3.1 km of resurfacing between Cesar's Landing and Nahum and intermittent spot repairs will be carried out this summer.
- Five pullouts for slow-moving vehicles have been constructed to date including two last summer. Two more pullouts are scheduled for construction in 2013.
- The Cinnabar Creek re-alignment project completed this spring upgrading two curves, widening the road and installing concrete roadside barrier.
- The Blue Grouse to Jenny Creek project involves 500 meters of widening, concrete roadside barrier and some alignment improvements scheduled to complete in June 2013.
- The ministry will continue to work closely with local MLAs, other area representatives and stake holder groups to prioritize future improvements based on identified priorities.

Communications Contact: Craig Chambers TRAN GCPE  
Program Area Contact: Murray Tekano, District Manager,  
Transportation

Minister's Office	Program Area	ADM	Comm. Dir
	MT/RB	NP	JK

## ADVICE TO MINISTER

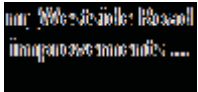


## Guenard, Gislene TRAN:EX

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**From:** Chambers, Craig GCPE:EX  
**Sent:** Thursday, July 11, 2013 3:11 PM  
**To:** TRAN ALL Comm News Releases  
**Subject:** NR/Westside Road news release

The attached news release was distributed to regional media this morning.



Craig Chambers  
Government Communications and Public Engagement (GCPE)  
Ministry of Transportation and Infrastructure  
5A - 940 Blanshard St.  
Victoria, B.C. V8W 9T5  
Office Phone: 250 387-5798 / Mobile: 250 213-3953  
[craig.chambers@gov.bc.ca](mailto:craig.chambers@gov.bc.ca)

Like us on Facebook at [www.facebook.com/TranBC](http://www.facebook.com/TranBC)

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## NEWS RELEASE

For Immediate Release  
2013PREM0078 001086  
July 11, 2013

Office of the Premier  
Ministry of Transportation and Infrastructure

### **\$1 million for additional paving on Westside Road**

WEST KELOWNA – Today, Premier Christy Clark announced an additional \$1 million for paving work on Westside Road. This is in addition to the \$5.5 million in work already underway this year on Westside Road, improving safety on a corridor important to local residents and the Okanagan tourism industry.

“Westside Road serves a number of the Okanagan’s most popular resorts and campgrounds, as well as over a thousand residents,” said Premier Clark. “It’s not acceptable to have it named B.C.’s worst road. With over \$6.5 million in improvements this year, we’re going to continue to invest in Westside Road, and make it safer for everyone.”

Starting later in July, approximately five kilometres of intermittent paving will be carried out along a 15 kilometre section of the road between Jenny Creek and Caesar’s Landing. This work will smooth out the ride and improve safety for residents and tourists. The project is valued at \$1 million.

This work builds on the previously announced four kilometres of paving work between Caesar’s Landing and Nahun, valued at \$650,000, bringing the total length of paving on Westside Road this year to over nine kilometres.

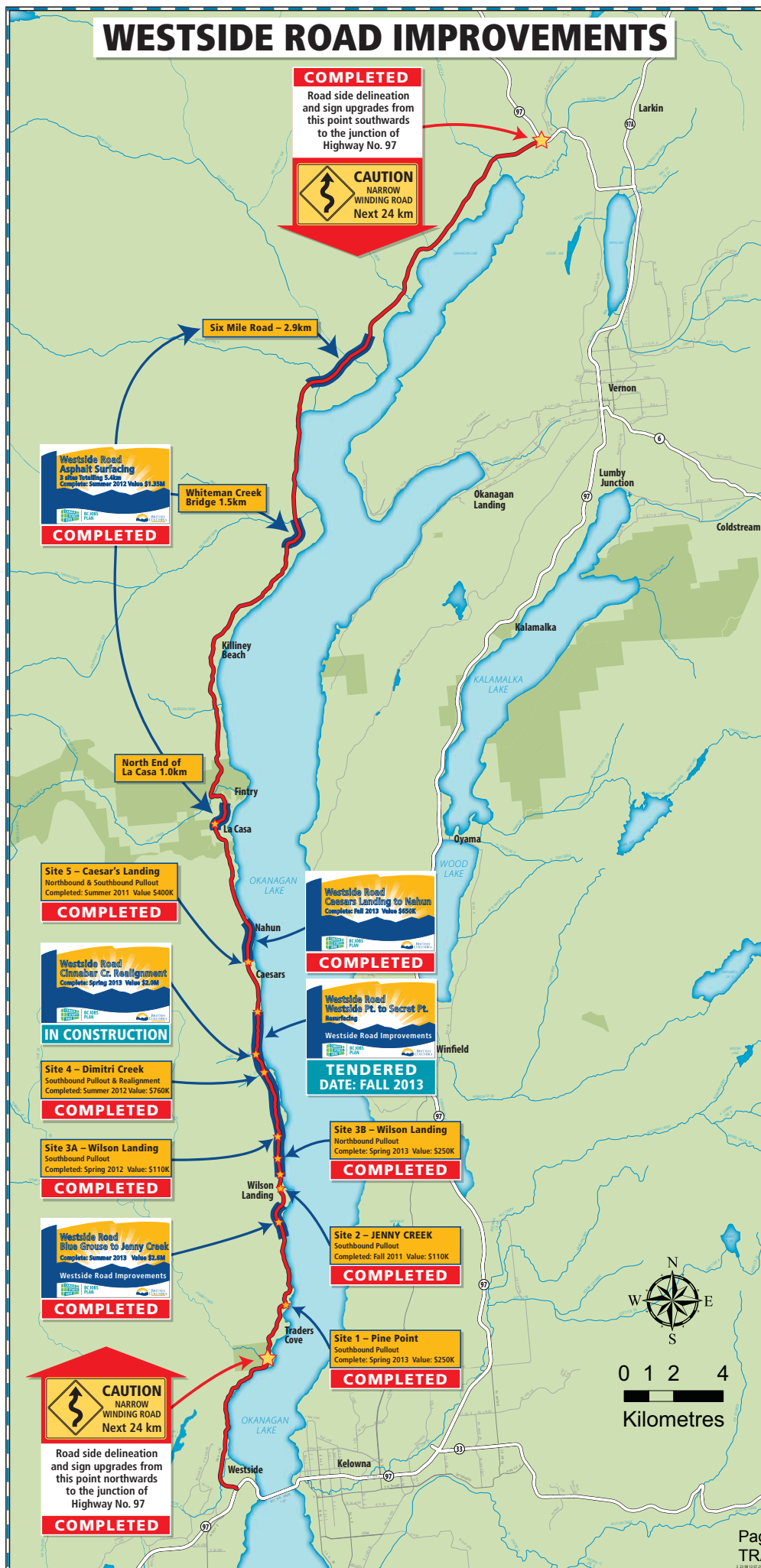
In addition, the \$3 million project to improve lane and shoulder widths and realign a 500 metre section of Westside Road from Blue Grouse to Jenny Creek is on schedule and nearly complete.

Work completed on Westside Road this year includes a northbound slow moving vehicle pullout near Wilson Landing, and 380 metres of realignment and widening with concrete roadside barrier installation at Cinnabar Creek. Work still underway includes a southbound slow moving vehicle pullout 1.5 kilometres north of Bear Lake Forest Service Road near Pine Point.

The government of B.C. has increased investment in Westside Road in recent years, to make travel safer and more efficient. Realignment, paving and slow moving vehicle pullout projects total \$10.3 million since 2008, including \$6.5 million this year alone.

Since 2001, the B.C. government has invested more than \$600 million in upgrading highways, roads, bridges and transit in the Okanagan.

# WESTSIDE ROAD IMPROVEMENTS





**Learn More:**

Learn more about improvements to Westside Road at:

[www.th.gov.bc.ca/OkanaganValley/projects/westside\\_w\\_kelowna\\_vernon/index.htm](http://www.th.gov.bc.ca/OkanaganValley/projects/westside_w_kelowna_vernon/index.htm)

A backgrounder follows.

Contact:

Ben Chin

Office of the Premier

250 588 3113

# BACKGROUND

## Westside Road by the numbers

### Quick facts on Westside Road:

- Westside Road is 65 kilometres long, located on the west side of Okanagan Lake between Highway 97 in West Kelowna and Highway 97 near Vernon.
- Westside Road serves local population estimated at approximately 1,200 residents.
- Traffic volumes are in the range of 1,000 vehicles per day.
- Summer traffic volumes on the section between West Kelowna and Bear Creek Provincial Park can peak at 2,500 vehicles per day.
- A total of seven pullouts for slow moving vehicles have been added (six completed, one under construction).
- The government of B.C. has invested \$10.3 million in safety improvements to Westside Road since 2008.

### Major Kelowna and area transportation infrastructure investments since 2001:

Since 2001, the B.C. government has invested more than \$600 million in upgrading highways, roads, bridges and transit in the Okanagan. Some of the major projects include:

- Westside Road Interchange – \$41 million.
- Highway 33 Muir to Gallagher four laning – \$25 million in partnership with the City of Kelowna.
- Highway 33 Walker Hill climbing lane – \$5 million.
- Expansion of Highway 97 through Kelowna to six lanes (HOV lanes) – \$17.1 million.
- Highway 97 Campbell Road Interchange – \$26 million in partnership with Westbank First Nation.
- University of British Columbia Okanagan flyover – \$11.44 million in partnership with City of Kelowna and UBC Okanagan.
- W.R. Bennett Bridge, a new five lane bridge across Okanagan Lake – \$145 million.

Contact:

Kate Trotter  
Ministry of Transportation and  
Infrastructure  
250 356 8241

Connect with the Province of B.C. at [www.gov.bc.ca/connect](http://www.gov.bc.ca/connect)

**From:** [Tekano, Murray TRAN:EX](#)  
**To:** [Sirett, Steve TRAN:EX](#)  
**Subject:** Westside Road  
**Date:** Monday, June 17, 2013 10:53:35 AM

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**W. Murray Tekano**

District Manager, Transportation - Okanagan Shuswap District &  
Senior Project Director, Kicking Horse Canyon Project  
British Columbia Ministry of Transportation and Infrastructure  
**Direct Phone: (250) 712-3629**

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**From:** Lorimer, Mike TRAN:EX  
**Sent:** Sunday, June 16, 2013 10:52 PM  
**To:** Blixrud, Rick G TRAN:EX; Tekano, Murray TRAN:EX  
**Subject:** Fwd: Westside Road

FYI. Note mention of the two unannounced projects.

Sent from my iPhone

Begin forwarded message:

**From:** "Duncan, Dave TRAN:EX" <[Dave.Duncan@gov.bc.ca](mailto:Dave.Duncan@gov.bc.ca)>  
**Date:** 16 June, 2013 10:33:33 PM PDT  
**To:** "Wolford, Jessica TRAN:EX" <[Jessica.Wolford@gov.bc.ca](mailto:Jessica.Wolford@gov.bc.ca)>  
**Cc:** "Rogers, Tina TRAN:EX" <[Tina.Rogers@gov.bc.ca](mailto:Tina.Rogers@gov.bc.ca)>, "Parkes, Norm E TRAN:EX" <[Norm.Parkes@gov.bc.ca](mailto:Norm.Parkes@gov.bc.ca)>, "Lorimer, Mike TRAN:EX" <[Mike.Lorimer@gov.bc.ca](mailto:Mike.Lorimer@gov.bc.ca)>, "Main, Grant TRAN:EX" <[Grant.Main@gov.bc.ca](mailto:Grant.Main@gov.bc.ca)>  
**Subject:** Westside Road

Evening Jess,

I hope you had a good weekend.

A quick email to follow up on our brief discussion last week regarding Westside Road.

As you know, it was identify by a recent BCAA survey of their members as #1 ranked road on their top 10 worst roads in BC list.

Westside Road is 65 km's in length and travels on the west side of Okanagan Lake from Highway 97 in West Kelowna to Highway 97 near Vernon. It is a narrow and windy route. It is estimated serve a local population of approximately 1,200 residents with daily traffic volumes in the range of 1,000 vehicles per day. Summer traffic volumes on section between West Kelowna



and Bear Creek Provincial Park can be as high as 2,500 vehicles per day.

Westside Road is a high priority Ministry side road in the Okanagan Valley. Making improvements to Westside Road has been a Ministry priority since early 2010. In early 2010 the ministry undertook an assessment of Westside Road to review its current state and identify options and priorities for improvement. The key issues identified were that the paved surface needed to be improved in number of locations, that the road was too narrow in locations and needed a consistent 1 m paved shoulder, that there were some very narrow and windy sections that needed to be re-aligned, and that pullouts were needed in some locations to enable slower moving vehicles to pull over to prevent driver frustration.

Since 2010, the ministry has been increasing investment in Westside Road.

2011

- Construction of 3 pullouts (\$550,000)

2012

- 5.5 km's of paving (\$1.2 million)
- 2 pullouts and a corner improvement at Dimitri Creek (\$870,000)
- Improved roadside delineators and corner signage (\$75,000)
- Total - \$2.1 million

2013

- 2 pullouts (\$500,000 underway)
- 300 metre road re-alignment and concrete barrier installation (\$1.3 million announced and completed)
- 500 metre road widening, re-alignment and concrete barrier installation (\$3 million announced and underway)
- 3.1 km's of paving (\$650,000 announced)
- Total - \$5.5 million

Work is currently in the design stage this to undertake another section of realignment and widening from Blue Grouse to Jenny Creek. Detailed design is underway, and the project is planned for construction in 2014. This project is estimated to cost approximately \$3 million. It is not announced yet.

s13, s17

We have a website in place to keep the public up to date with work on Westside Road. It has been up and running since 2010.

[http://www.th.gov.bc.ca/OkanaganValley/projects/westside\\_w-kelowna\\_vernon/](http://www.th.gov.bc.ca/OkanaganValley/projects/westside_w-kelowna_vernon/)

Looking forward to discussing further.

Thanks,

Dave D