

Sent from my iPhone

Begin forwarded message:

From: "Evans, Michelle D TRAN:EX" <Michelle.Evans@gov.bc.ca>
Date: July 28, 2014 at 4:21:02 PM PDT
To: "Cousins, Paula TRAN:EX" <Paula.Cousins@gov.bc.ca>, "Bennetto, Jack D TRAN:EX" <Jack.Bennetto@gov.bc.ca>, "Eberle, Hugh TRAN:EX" <Hugh.Eberle@gov.bc.ca>, "Tekano, Murray TRAN:EX" <Murray.Tekano@gov.bc.ca>, "Hubner, Todd B TRAN:EX" <Todd.Hubner@gov.bc.ca>
Cc: "Folk, Trent TRAN:EX" <Trent.Folk@gov.bc.ca>, "Prehara, Dave W TRAN:EX" <Dave.Prehara@gov.bc.ca>, "Siddiqui, Faisal TRAN:EX" <Faisal.Siddiqui@gov.bc.ca>, "Blixrud, Rick G TRAN:EX" <Rick.Blixrud@gov.bc.ca>, "Folk, Nicole TRAN:EX" <Nicole.Folk@gov.bc.ca>
Subject: FW: Emailing: Speed Zone Changes

Please note on the attached document a list of highways where passing opportunities may be impacted by the new speed limits. These passing opportunities will require adjustment, either by shortening or by eliminating all together.

There is a column indicating when the passing opportunity will be adjusted by Lafrentz (through the use of pavement markings). All on this list should be complete by end of August.

If you see any errors, or have any concerns with the attached information, please don't hesitate to contact me.

My thanks to Dave (and Faisal) for pulling this information together so quickly. Much appreciated.

Michelle Evans

Manager, Rehabilitation and Maintenance
Southern Interior Region
Ministry of Transportation and Infrastructure

Ph: (250) 828-4221
Cell: (778)257-0753
Fax: (250) 828-4492

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

From: Prehara, Dave W TRAN:EX
Sent: Monday, July 28, 2014 3:57 PM
To: Evans, Michelle D TRAN:EX
Subject: FW: Emailing: Speed Zone Changes

Michelle: As requested.

David Prehara
Pavement Marking Coordinator
Southern Interior Region
Ministry of Transportation and Infrastructure Phone (250) 371-3705, Cell (250) 319-3306

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

From: Prehara, Dave W TRAN:EX
Sent: Monday, July 28, 2014 1:22 PM
To: Siddiqui, Faisal TRAN:EX
Subject: Emailing: Speed Zone Changes

Faisal: Attached is a spread sheet with the speed zone changes showing which ones have been completed and anticipated completion dates for the others. Wasn't sure but thought you might like an update on where we're at.

I haven't seen the T-Circular yet on the changes to passing lanes. Do you know when that is going to come out.

Thanks
David Prehara
Pavement Marking Coordinator
Southern Interior Region
Ministry of Transportation and Infrastructure Phone (250) 371-3705, Cell (250) 319-3306

Your message is ready to be sent with the following file or link attachments:

Speed Zone Changes

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

SPEED ZONE CHANGES

Hwy	Segment	Description	New Speed	Complete Y/N	Anticipated Completion
1	Tobiano to Savona	Six Mile Rrest Area to Savona Station Road	100	Y	
1	Chase to Sorrento	Willow Rd (5km East) to Hilltop Rd	100	Y	
1	Salmon Arm to Revelstoke	Canoe (70th St NE) to Revelstoke (Hwy 23S)	100	N	20-Aug
1	Revelstoke to Golden	Hwy 23N to Anderson Road	100	N	20-Aug
3	Sunday Summit to Princeton	Sumday Summit to Whipswa Creek	90	Y	
5	Heffley to Littlefort	Tod Mountain Rd to Junction Hwy 24	100	N	13-Aug
5A	Princeton to Aspen Grove	Old Hedley Rd to Hwy 97C junction	90	Y	
97	Swan Lk to Monte Crk	Hwy 97 and Hwy 97A Jct (Swan Lk) to Westside Rd	90	N	27-Aug
97A	Armstrong to Enderby	North of Smith Drive to Hwy 97B Junction	100	N	27-Aug
97A	Grindrod to Sicamous	Jct with Hwy 97B to Sicamous Crk Bridge	90	N	27-Aug
99	Lillooet to Cache Crk	2.4 Km north of Marble Canyon Provincial Park to Hwy 97 Junction	90	N	27-Aug
6	New Denver To Hills	Golf Course Road to Purdy Road	90	Y	
6	Hills to Nakusp	Purdy Road to Upper Brouse Rd	100	Y	
					When paving project Complete
33	Black Mtn to Big White	South of Gallagher Rd to west of Big White Access	100	N	
33	Rock creek To Westbridge	1km north of Jct with Hwy 3 to 1 kkm south of Christian Valley Rd	100	Y	

KM	LKI	Landmark	Existing	DIR.	PROPOSED	ACTION	Size (mm)	ASTM	Comments
Segment 2077 MONTE CREEK TO SALMON ARM									
0.00	16.10	WILLOW RD							
4.3	20.40			E	R-004-X (100KM/H)	NEW	750X900	3	NEW SIGN AND POST
4.3	20.40			W	R-004-X (90KM/H)	NEW	750X900	3	NEW SIGN AND POST
4.4	20.50			W	R-003-X (90KM/H)	NEW	750X900	3	NEW SIGN AND POST
5.50	21.60			E	R-004-X (100KM/H)	NEW	750X900	3	NEW SIGN AND POST
8.8	24.90		R-004 (90KM/H)	W		REMOVE			
9	25.10	SHUSWAP CHASE CREEK ROAD							
9.05	25.15		R-004 (90KM/H)	E		REMOVE			
10.45	26.55		R-004 (90KM/H)	W	R-004-X (100KM/H)	REPLACE	750X900	3	NEW SIGN
10.6	26.70		W-001-R	E		REMOVE			
14.5	30.60		R-004 (90KM/H)	E	R-004-X (100KM/H)	REPLACE	750X900	3	NEW SIGN
17.75	33.85		W-003-L	E		REMOVE			
17.75	33.85		W-022 (70KM/H)	E		REMOVE			
18.1	34.20	CHASE OVERHEAD							
18.4	34.50		W-003-L	E		REMOVE			
18.4	34.50		W-022 (70KM/H)	E		REMOVE			
20.8	36.90		W-003-R	E		REMOVE			
21.1	37.20		W-003-L	W		REMOVE			
21.95	38.05		R-004 (90KM/H)	W	R-004-X (100KM/H)	REPLACE	750X900	3	NEW SIGN
22.25	38.35	ANGLEMONT RD U/P							
22.7	38.80			E	W-003-R	NEW	750X750	9	NEW SIGN AND POST
23.15	39.25		R-004 (90KM/H)	E		REMOVE			
23.4	39.50			W	W-001-R	NEW	750X750	9	NEW SIGN AND POST
23.7	39.80			E	R-004-X (100KM/H)	NEW	750X900	3	NEW SIGN AND POST
24	40.10			E	W-001-L	NEW	750X750	9	NEW SIGN AND POST
24.25	40.35			W	W-001-R	NEW	750X750	9	NEW SIGN AND POST
25.85	41.95		W-001-R	E	W-001-R	REFRESH	750X750	9	NEW SIGN
25.85	41.95		W-022 (70KM/H)	E	W-022 (80KM/H)	REPLACE	600X600	9	NEW SIGN
26.2	42.30		W-001-L	W	W-001-L	REFRESH	750X750	9	NEW SIGN
26.2	42.30		W-022 (70KM/H)	W		REMOVE			
26.5	42.60	CRUIKSHANK CORNER	W-002-R O/H	E		NO CHANGE			SIGNAGE REMAINS AS EXISTING TO ADDRESS TRUCK ROLLOVER ISSUE AT SITE. CHANGES WB NOTED BELOW
26.55	42.65		W-021	E		NO CHANGE			
26.6	42.70		W-002-R	E		NO CHANGE			
26.6	42.70		W-022 (60KM/H)	E		NO CHANGE			
26.65	42.75		W-023 (60KM/H)	E		NO CHANGE			
26.65	42.75			W	W-001-R	NEW	750X750	9	NEW SIGN AND POST
26.95	43.05			E	W-001-L	NEW	750X750	9	NEW SIGN AND POST
27	43.10			W	W-002-L	RELOCATED	750X750	9	RELOCATED FROM 27.10 - NEW POST ONLY
27	43.10				W-022 (60KM/H)	RELOCATED	600X600	9	RELOCATED FROM 27.10
27	43.10				W-002-L	RELOCATED	750X750	9	LEFT HAND SIDE - RELOCATED FROM 27.10 - NEW POST ONLY
27	43.10				W-022 (60KM/H)	RELOCATED	600X600	9	LEFT HAND SIDE - RELOCATED FROM 27.10
27.05	43.15		W-023 (60KM/H)	W		RELOCATE			
27.1	43.20	LINDBURG RD		W	W-023 (60KM/H)	RELOCATED	750X750	9	RELOCATED FROM 27.05 - NEW POST ONLY
27.1	43.20		W-002-L	W		RELOCATE			
27.1	43.20		W-002-L	W		RELOCATE			LEFT HAND SIDE
27.2	43.30		W-021	W		NO CHANGE			SIGN MAY NOT EXIST

KM	LKI	Landmark	Existing	DIR.	PROPOSED	ACTION	Size (mm)	ASTM	Comments
Segment 2077 MONTE CREEK TO SALMON ARM									
27.25	43.35		W-001-R	W		NO CHANGE			
27.25	43.35			W	W-022 (80KM/H)	NEW	600X600	9	NEW SIGN ONLY - BELOW PARENT
27.35	43.45		W-021	W		REMOVE			SIGN MAY NOT EXIST
27.45	43.55		W-003-L	E	W-003-L	REFRESH	750X750	9	NEW SIGN
28.05	44.15	DES FOSSES ROAD	W-003-L	W	W-003-L	REFRESH	750X750	9	NEW SIGN
28.35	44.45		R-004 (90KM/H)	E		REMOVE			
29.85	45.95			W	R-004-X (100KM/H)	NEW	750X900	3	NEW SIGN AND POST
30.65	46.75		R-003 (70KM/H)	E	R-003-X (70KM/H)	REFRESH	750X900	3	NEW SIGN
30.85	46.95		R-004 (70KM/H)	E	R-004-X (70KM/H)	REFRESH	750X900	3	NEW SIGN
30.85	46.95		R-004 (90KM/H)	W	R-004-X (100KM/H)	REPLACE	750X900	3	NEW SIGN
31.4	47.50			E	R-003-X (60KM/H)	NEW	750X900	3	NEW SIGN AND POST
31.5	47.60		R-004 (60KM/H)	E	R-004-X (60KM/H)	REFRESH	750X900	3	NEW SIGN
31.5	47.60		R-004 (70KM/H)	E	R-004-X (70KM/H)	REFRESH	750X900	3	NEW SIGN
32.55	48.65		R-004 (60KM/H)	W	R-004-X (60KM/H)	REFRESH	750X900	3	NEW SIGN
32.6	48.70	BLIND BAY RD							
32.65	48.75		R-004 (70KM/H)	E		REMOVE			
32.65	48.75		R-004 (60KM/H)	W		REMOVE			
32.85	48.95		R-003 (60KM/H)	W		REMOVE			
32.9	49.00			E	R-004-X (100KM/H)	NEW	750X900	3	NEW SIGN AND POST
32.9	49.00			W	R-004-X (60KM/H)	NEW	750X900	3	NEW SIGN AND POST
32.9	49.00			W	R-004-X (60KM/H)	NEW	750X900	3	LEFT HAND SIDE - NEW SIGN ONLY - INSTALL ON BACK OF EB R-004 (100KM/H)
33.05	49.15			W	R-003-X (60KM/H)	NEW	750X900	3	NEW SIGN AND POST
33.05	49.15			W	R-003-X (60KM/H)	NEW	750X900	3	LEFT HAND SIDE - NEW SIGN AND POST
33.15	49.25		R-004 (90KM/H)	E		REMOVE			
33.15	49.25		R-004 (70KM/H)	W		REMOVE			
33.3	49.40			W	W-028-X (60KM/H)	NEW	900X900	9	NEW SIGN AND POST
33.3	49.40			W	W-061-Tax (400M)	NEW	750X450	9	BELOW PARENT - NEW SIGN ONLY
33.3	49.40			W	W-028-X (60KM/H)	NEW	900X900	9	LEFT HAND SIDE - NEW SIGN AND POST
33.3	49.40			W	W-061-Tax (400M)	NEW	750X450	9	LEFT HAND SIDE - BELOW PARENT - NEW SIGN ONLY
33.4	49.50		R-003 (70KM/H)	W		REMOVE			
34.6	50.70			E	R-004-X (100KM/H)	NEW	750X900	3	NEW SIGN AND POST
36.05	52.15		R-004 (90KM/H)	W		REMOVE			
37.15	53.25		R-004 (100KM/H)	E		REMOVE			
37.15	53.25		R-004 (90KM/H)	W	R-004-X (100KM/H)	REPLACE	750X900	3	NEW SIGN
37.25	53.35		R-003 (90KM/H)	W		REMOVE			
37.9	54.00	END OF ACCEL LANE		E	R-004-X (100KM/H)	NEW	750X900	3	NEW SIGN AND POST
40.5	56.60		R-004 (100KM/H)	W	R-004-X (100KM/H)	REFRESH	750X900	3	NEW SIGN
41.3	57.40	NOTCH HILL ROAD							
41.4	57.50		R-004 (100KM/H)	E	R-004-X (100KM/H)	REFRESH	750X900	3	NEW SIGN
44.8	60.90		R-004 (100KM/H)	W	R-004-X (100KM/H)	REFRESH	750X900	3	NEW SIGN
45.7	61.80		R-004 (100KM/H)	E	R-004-X (100KM/H)	REFRESH	750X900	3	NEW SIGN
47	63.10		R-004 (100KM/H)	W	R-004-X (100KM/H)	REFRESH	750X900	3	NEW SIGN
47.8	63.90		R-003 (90KM/H)	E	R-003-X (90KM/H)	REFRESH	750X900	3	NEW SIGN
48.1	64.20		R-004 (90KM/H)	E	R-004-X (90KM/H)	REFRESH	750X900	3	NEW SIGN
48.1	64.20	TAPPEN	R-004 (100KM/H)	W	R-004-X (100KM/H)	REFRESH	750X900	3	NEW SIGN

SIGN ORDER			
Sign Number	Size	ASTM	QTY
W-001-L	750X750	9	3
W-001-R	750X750	9	4
W-003-L	750X750	9	2
W-003-R	750X750	9	1
W-022 (80KM/H)	750X750	9	2
W-028-X (60KM/H)	900X900	9	2
W-061-Tax (400M)	750X450	9	2
R-003-X (60KM/H)	750X900	3	3
R-003-X (70KM/H)	750X900	3	1
R-003-X (90KM/H)	750X900	3	2
R-004-X (60KM/H)	750X900	3	4
R-004-X (70KM/H)	750X900	3	2
R-004-X (90KM/H)	750X900	3	2
R-004-X (100KM/H)	750X900	3	18

From: [Sirett, Steve TRAN:EX](#)
To: [Lachmuth, Erik TRAN:EX](#); [Tekano, Murray TRAN:EX](#)
Cc: [Evans, Michelle D TRAN:EX](#); [Bianco, Cecil B TRAN:EX](#); [Riegert, Paul E TRAN:EX](#)
Subject: RE: SIR - Speed Limit Revision - TCH - Chase to Tappen
Date: Monday, July 21, 2014 3:55:00 PM
Attachments: [image001.jpg](#)
[image002.jpg](#)
[image003.jpg](#)

Erik

There is a regional project number set up to handle all of these updates.

Contact Paul Riegert to get the details.

Steve Sirett
District Program Manager - Okanagan Shuswap
Ministry of Transportation & Infrastructure
#300 – 1358 St. Paul Street
Kelowna BC
V1Y 2E1

Office: 250-712-3666
Cell: 250-878-1834

From: Lachmuth, Erik TRAN:EX
Sent: Monday, July 21, 2014 2:45 PM
To: Tekano, Murray TRAN:EX; Sirett, Steve TRAN:EX
Subject: FW: SIR - Speed Limit Revision - TCH - Chase to Tappen

Please see cost estimate below. Currently at \$9,000 plus whatever the cost is for 15 sign relocations and 22 sign removals. I would assume that could easily hit \$15,000 with those portions included. Please let me know how we would like to handle the funds as I don't believe the quantified plans for each respective service area can handle the additional pressures these installations will add.

-Erik Lachmuth
Area Manager, Roads
Ministry of Transportation and Infrastructure, Okanagan Shuswap District
Phone: 250-503-3608
Mobile: 250-540-2510
Email: erik.lachmuth@gov.bc.ca

From: Cook, Doreen TRAN:EX
Sent: Monday, July 21, 2014 8:45 AM
To: Lachmuth, Erik TRAN:EX
Cc: Morris, Danny D TRAN:EX
Subject: RE: SIR - Speed Limit Revision - TCH - Chase to Tappen

I have gone over the list of signs required for the refresh on Hwy 1 and working from Schedule 5 prices it would cost approximately \$9,000.00 but that is without 15 sign relocations and 22 sign removals. Not sure how they charge us for those, I have asked Mike but haven't had a response as yet.
Doreen

Doreen Cook
A/Area Manager
Ministry of Transportation and Infrastructure
4791 - 23rd St Vernon, BC V1T 4K7
Phone 250-503-3605
Cell 250-515-0618 **Fax** 250-503-3631

From: Lachmuth, Erik TRAN:EX
Sent: Thursday, July 10, 2014 11:15 AM
To: Cook, Doreen TRAN:EX
Subject: FW: SIR - Speed Limit Revision - TCH - Chase to Tappen
Importance: High

To discuss.

-Erik Lachmuth
Area Manager, Roads
Ministry of Transportation and Infrastructure, Okanagan Shuswap District
Phone: 250-503-3608
Mobile: 250-540-2510
Email: erik.lachmuth@gov.bc.ca

From: Tekano, Murray TRAN:EX
Sent: Sunday, July 6, 2014 5:50 PM
To: Lachmuth, Erik TRAN:EX
Cc: Morris, Danny D TRAN:EX; Wiseman, Jeff TRAN:EX; Sirett, Steve TRAN:EX; Siddiqui, Faisal TRAN:EX
Subject: SIR - Speed Limit Revision - TCH - Chase to Tappen
Importance: High

Erik,

As discussed, please organise implementation of all speed zone changes district wide. Attached are the first changes.

Thanks Erik.

Murray

W. Murray Tekano
District Manager, Transportation - Okanagan Shuswap District & Senior Project Director

Direct Phone: 250-712-3629

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From: Siddiqui, Faisal TRAN:EX
Sent: Thursday, July 03, 2014 03:28 PM
To: Tekano, Murray TRAN:EX
Cc: Sirett, Steve TRAN:EX; Babineau, John TRAN:EX; Dacho, Frank H TRAN:EX; Lorimer, Mike TRAN:EX; Imada, Paul TRAN:EX
Subject: SIR - Speed Limit Revision - TCH - Chase to Tappen

Good afternoon Murray,

Attached please find sign inventory, new sign order, list of removals, list of action items along with Google kmz file showing all changes associated to landmark positions.

These recommendations are for the TCH section between Chase and Tappen. Announcement associated to this section is attached for your reference.

Please be advised that the Ministry is now using 12 degree inclination for curve advisory speeds. District is requested to contact our office when doing layout of these recommendations in the field.

We need to ensure appropriate placement relative to existing signs, curves and required height. Your traffic reps for this corridor are John Babineau and Faisal Siddiqui.

Hope all directions are clear in this e-mail and the attachments.

Should you require additional information or clarification please feel free to contact your traffic reps on this corridor.

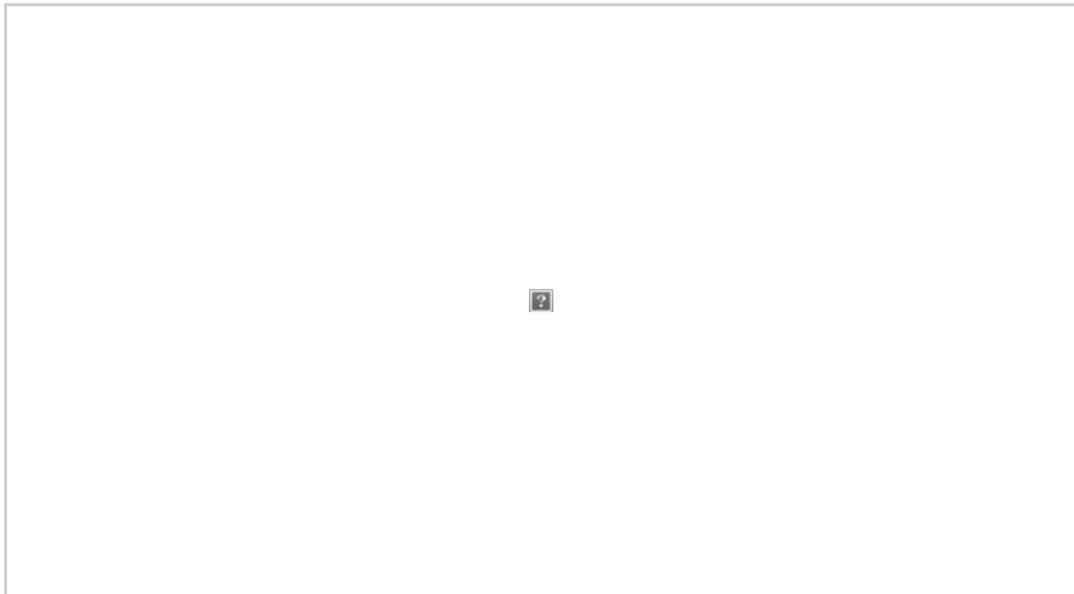
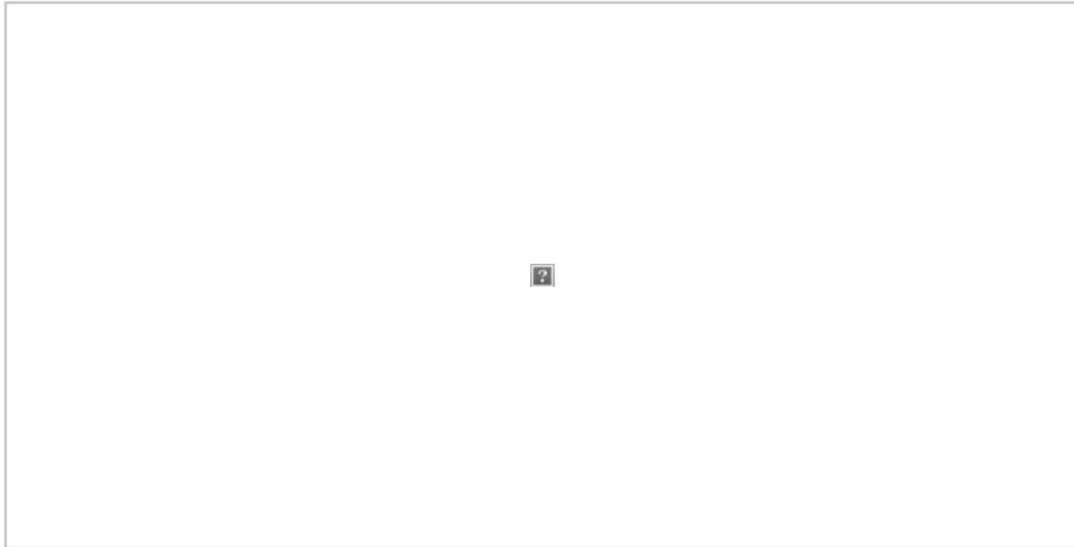
Regards,

Faisal, RTE

Paul,

Upon confirmation of above changes in the field:

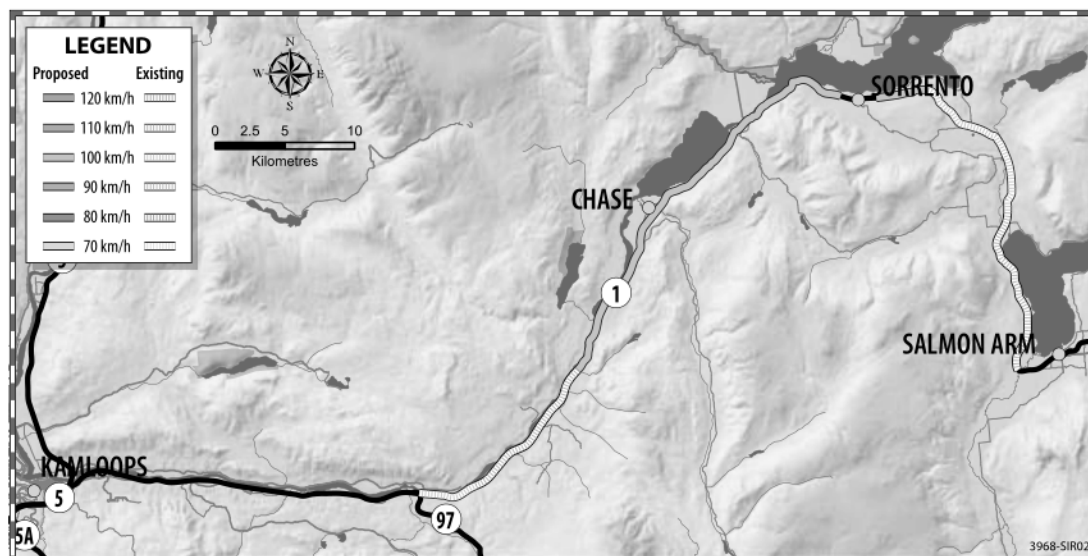
- Cancel the SZ 2663
- Revise SZ 3201 with new ETP as 5 km east of Willow Road
- Revise SZ 3134 with new WTP as 5 km east of Willow Road



Page 10 to/à Page 12

Withheld pursuant to/removed as

Copyright



Chase to Sorrento (Hilltop)

Physical Characteristics

Start Point: Willow Rd

End Point: Hilltop Rd

Length25 km

Number of Lanes. 2

Divided No

Operational Characteristics

Average Daily Traffic9,000

% Trucks.....18%

Safety: Serious summer crashes trending down by 52%

Current Speed Limit 90 km/h

85th Percentile Speed 105 km/h

Public Consultation Support71%

Recommendation: 100 km/h

Description

Highway 1 (TCH) from Kamloops to Salmon Arm is a major highway connection between two major population centres. The TCH also provides primary connection between Alberta and the lower mainland through the interior

This segment of the TCH carries, on average, 9000 vehicles every day with 18% being heavy trucks. The segment between Chase and Hilltop Road is currently posted at 90 km/h. There is an existing 11 km segment posted at 100 km/h east of Hilltop Road while west of Chase there are various 4-laning capital expansion projects underway.

The majority of the segment between Chase and Hilltop Road is a two-lane undivided highway with few passing lanes as well as passing opportunities. The yellow center-line has rumble strips where double solid yellow lines exist.

The access and intersection frequency is dispersed and consistent with other highway systems in the interior where 90-100 Km/h speed is posted.

Conclusion

It is recommended that the posted speed limit over 25 km segment between Chase and Hilltop Road be increased to 100 km/h for these factors:

- measured 85th percentile speed within the 90 km/h zone is 15 km/h above the posted,
- this increase will result in consistent speed limits between Chase and Tappen at a length of 43 km. The 60 km/h through Sorrento will remain unchanged.

From: [Siddiqui, Faisal TRAN:EX](#)
To: [Evans, Michelle D TRAN:EX](#)
Cc: [Prehara, Dave W TRAN:EX](#); [Dacho, Frank H TRAN:EX](#); [Lorimer, Mike TRAN:EX](#)
Subject: SIR - New Speed Limits and Passing Opportunities
Date: Thursday, July 3, 2014 6:26:35 PM
Attachments: [image002.jpg](#)
Importance: High

Michelle,

Here is the list of corridors where speed limits are revised as priority.
New limit for each segment is specified in the last column. Please have your line painting contractor establish passing opportunities through these sections based on the new speed. Funding to be discussed with ML.

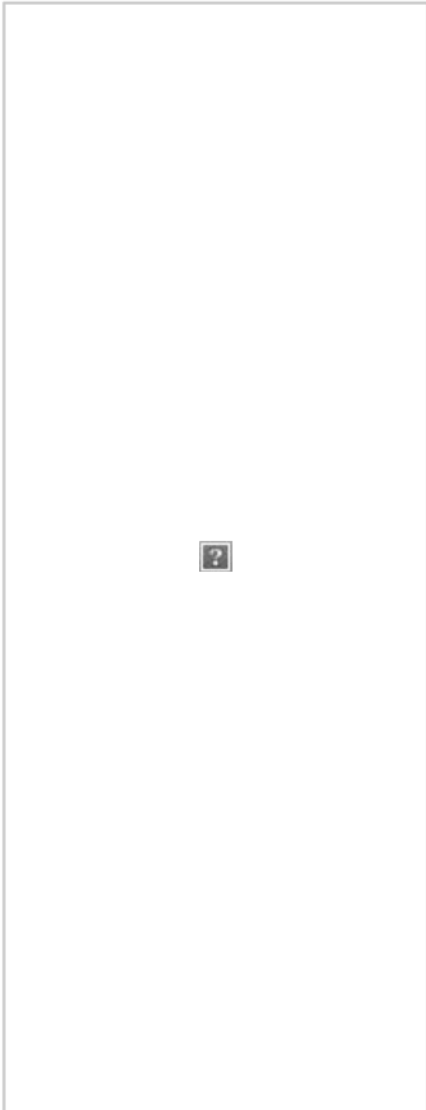
These changes can occur anytime now and don't need to wait for field implementation of the new speed limit signs. Our passing opportunities are based on posted speed and their passing sight distances are measured accordingly. Therefore having this change prior to actual field implementation of the new speed limit signs would be a conservative approach to sight distance requirements. However, new speed signs implementation cannot occur unless these passing opportunities are established based on new speed limits. We have already started to send the sign orders out to the districts as of today and hoping you can take care of this requirement in your earliest.

1	Tobiano to Savona	Six Mile Rest Area to Savona Station Rd	100
1	Chase to Sorrento (Hilltop)	Willow Rd (5km East) to Hilltop Rd	100
1	Salmon Arm to Revelstoke	Canoe (70th St NE) to Revelstoke (Highway 23S)	100
1	Revelstoke to Golden	Highway 23N to Anderson Rd	100
3	Sunday Summit to Princeton	Sunday Summit to Whipsaw Creek	90
5	Heffley to Little Fort	Tod Mountain Rd to Junction Hwy 24	100
5A	Princeton to Aspen Grove	Old Hedley Rd to Hwy 97C Junction	90
97	Swan Lake to Monte Creek	Hwy 97 and Hwy 97A Junction (Swan Lake) to Westside Rd	90
97A	Armstrong to Enderby	North of Smith Drive to Hwy 97B Junction	100
97A	Grindrod to Sicamous	Junction with Hwy 97B to Sicamous Creek Bridge	90
99	Lillioet to Cache Creek	2.4 km North of Marble Canyon Provincial Park to Hwy 97 Junction	90
6	New Denver to Hills	Golf Course Rd to Purdy Rd	90
6	Hills to Nakusp	Purdy Rd to Upper Brouse Rd	100
33	Black Mountain to Big White	South of Gallagher Rd to west of Big White	100

		access	
33	Rock Creek to Westbridge	1 km North of Junction with Hwy 3 to 1km south of Christian Valley Rd	100

Secondly, we are also expecting a new T-Circ shortly which will identify new pavement marking standards for the passing and climbing lanes through 2-lane sections.

The new standard would be an enhancement to our current signing and pavement marking practice. Therefore, I would suggest that we implement these new standards as and when resources become available and not to exhaust your resources on this treatment while other corridors are needing signing and pavement marking refresh which are necessary to change the speed limits.



Hope this helps.

Faisal, RTE



From: [Siddiqui, Faisal TRAN:EX](#)
To: [Tekano, Murray TRAN:EX](#)
Cc: [Sirett, Steve TRAN:EX](#); [Babineau, John TRAN:EX](#); [Dacho, Frank H TRAN:EX](#); [Lorimer, Mike TRAN:EX](#); [Imada, Paul TRAN:EX](#)
Subject: SIR - Speed Limit Revision - TCH - Chase to Tappen
Date: Thursday, July 3, 2014 3:28:23 PM
Attachments: [R001.PSLR SIGN INVENTORY CHASE TO TAPPEN 2014 JULY 03 - JEB.xlsx](#)
[RHSSR - TCH - PAGE 34.pdf](#)
[PSLR 2014 R001 CHASE TO TAPPEN.kmz](#)
[image001.jpg](#)
[image002.jpg](#)
[image009.jpg](#)
Importance: High

Good afternoon Murray,

Attached please find sign inventory, new sign order, list of removals, list of action items along with Google kmz file showing all changes associated to landmark positions.

These recommendations are for the TCH section between Chase and Tappen. Announcement associated to this section is attached for your reference.

Please be advised that the Ministry is now using 12 degree inclination for curve advisory speeds. District is requested to contact our office when doing layout of these recommendations in the field.

We need to ensure appropriate placement relative to existing signs, curves and required height. Your traffic reps for this corridor are John Babineau and Faisal Siddiqui.

Hope all directions are clear in this e-mail and the attachments.

Should you require additional information or clarification please feel free to contact your traffic reps on this corridor.

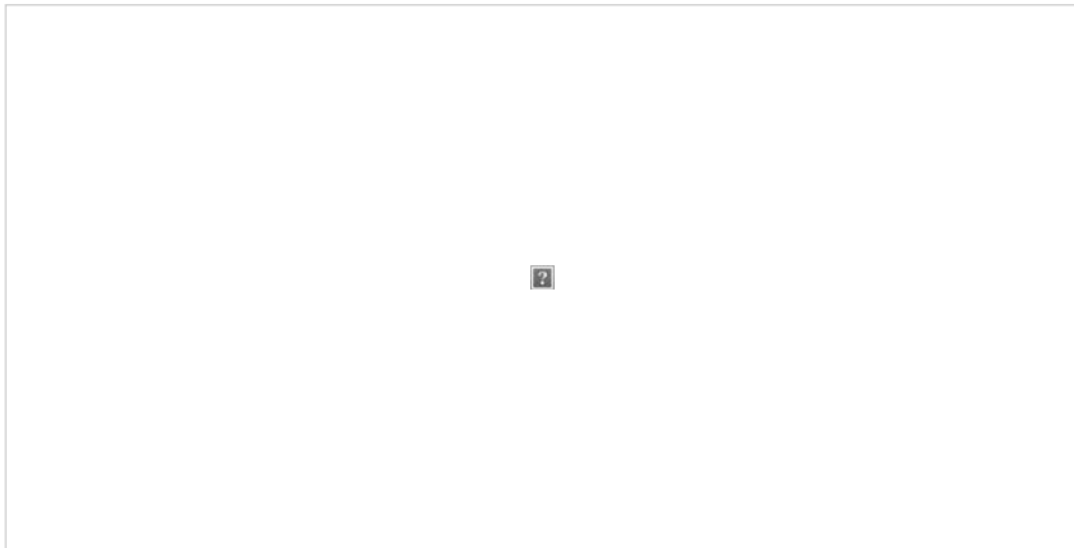
Regards,

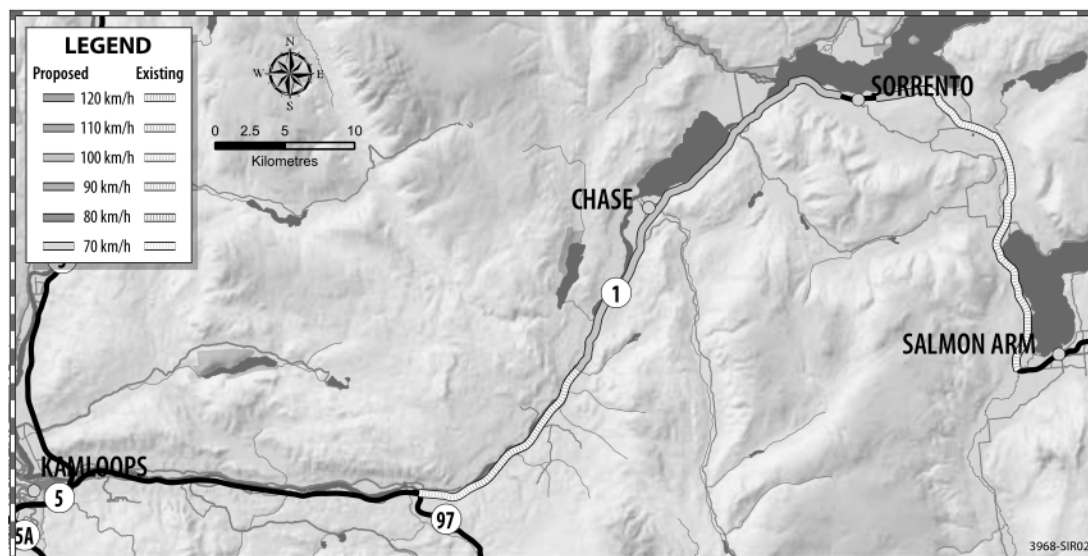
Faisal, RTE

Paul,

Upon confirmation of above changes in the field:

- Cancel the SZ 2663
- Revise SZ 3201 with new ETP as 5 km east of Willow Road
- Revise SZ 3134 with new WTP as 5 km east of Willow Road





Chase to Sorrento (Hilltop)

Physical Characteristics

Start Point: Willow Rd

End Point: Hilltop Rd

Length25 km

Number of Lanes. 2

Divided No

Operational Characteristics

Average Daily Traffic9,000

% Trucks.....18%

Safety: Serious summer crashes trending down by 52%

Current Speed Limit 90 km/h

85th Percentile Speed 105 km/h

Public Consultation Support71%

Recommendation: 100 km/h

Description

Highway 1 (TCH) from Kamloops to Salmon Arm is a major highway connection between two major population centres. The TCH also provides primary connection between Alberta and the lower mainland through the interior

This segment of the TCH carries, on average, 9000 vehicles every day with 18% being heavy trucks. The segment between Chase and Hilltop Road is currently posted at 90 km/h. There is an existing 11 km segment posted at 100 km/h east of Hilltop Road while west of Chase there are various 4-laning capital expansion projects underway.

The majority of the segment between Chase and Hilltop Road is a two-lane undivided highway with few passing lanes as well as passing opportunities. The yellow center-line has rumble strips where double solid yellow lines exist.

The access and intersection frequency is dispersed and consistent with other highway systems in the interior where 90-100 Km/h speed is posted.

Conclusion

It is recommended that the posted speed limit over 25 km segment between Chase and Hilltop Road be increased to 100 km/h for these factors:

- measured 85th percentile speed within the 90 km/h zone is 15 km/h above the posted,
- this increase will result in consistent speed limits between Chase and Tappen at a length of 43 km. The 60 km/h through Sorrento will remain unchanged.

Page 20 to/à Page 22

Withheld pursuant to/removed as

Copyright

Date: May 29, 2014	Analyst(s): TransTech Data Services Ltd. (Larry Bednarz, Charles McMillan, Jin Yang)
Route: Route 1	Segment: 2077
From: Willow Rd	To: Cedar Rd
District: Thompson Nicola	Section Length Tested: 37.6 km
Travel Direction: Westbound	# Lanes: 1

Comments: Distance KMs highlighted in red indicated construction zone with one lane bridge is closed. Testing and recommendations in this report was performed based on a newly-defined maximum allowance from BC Ministry of Transportation and Infrastructure of 12 degrees of ball bank inclination and is inconsistent with standards used in recent years. Testing of many sections is above posted speed limit.

Approving Engineer: _____

Signature: _____ Date: _____

km	Existing Sign Names & Locations	Existing Conditions						Test Speed	Ball Bank Reading Results by Speed										Recommendations	
		Other Landmarks	Regulatory Speed	Advisory Speed	Curve Deflection (Left, Right)	Curve Limits (Start, End)	20		30	40	50	60	70	80	90	100	Speed	Signs		
37.55								100												
37.50								100												
37.45	R22-1							100												
37.40								100												
37.35								100												
37.30						L	E	100												
37.25	W(TRUCKS TURNING)							100												
37.20								100												
37.15					L	S		100							6	100				
37.10								100												
37.10								100												
37.05					R	E		100												
37.00								100												
36.95								100												
36.90								100												
36.85								100												
36.80								100												
36.75					R	S		100												
36.70								100							10	100				
36.65								100												
36.60								100												
36.55								100												
36.50								100												
36.45								100												
36.40								100												
36.35								100												
36.30								100												
36.25					L	E		100												
36.20								100												
36.15								100												
36.10					L	S		100												
36.05								100												
36.00					R	E		100												
35.95								100												
35.90								100												
35.85					R	S		100												
35.80								100					9	13	90					
35.75					L	E		100												
35.70	W62 + W62							100												
35.65	W62 + W62							100												
35.60	W62 + W62							100												
35.55	W62 + W62							100												
35.50	W62 + W62							100												
35.45	W62				L	S		100					9	13	90					
35.40								100												
35.35	W1L/70			70				100										W3L		
35.30					R	E		100												
35.25								100												
35.20								100												
35.15	W42							100												
35.10					R	S		100												
35.05	W3R/70			70				100					9	13	90			REMOVE		
35.00								100										W1R		
34.95	W23 70			70				100										REMOVE		
34.90								100												
34.85								100												
34.80								100												
34.75								100												
34.70								100												
34.65								100												
34.60								100												
34.55								100												
34.50								100												

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Page 3 of 10

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Page 8 of 10

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**SPEED ZONE**

Region:	Southern Interior	SPEED	ZONE NUMBER
District:	Okanagan-Shuswap	100 km/hr	3134 REV
Service Area:	13 Okanagan-Shuswap	File Number:	28020-20

Pursuant to Section 146(2) of the Motor Vehicle Act of the Province of British Columbia, the maximum rate of speed over a portion or portions of highways described hereunder is limited as specified above.

Describe the highway number, highway name, terminal points, location reference and total length of the speed zone:

R001, Pritchard to Tappen

WTP: 500m East of Willow Road #266 LKI Segment 2077, Km 21.12

ETP: 855m East of Ford Rd #0036 LKI Segment 2077, Km 64.33

Distance: 43.21 km

Excluding any intervening zones established under the Motor Vehicle Act, Section 146 (2) Speed Limits

LKI Reference:

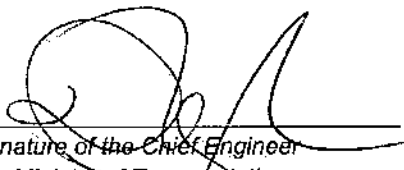
Willow Road LKI Segment 2077, Km 16.12

Ford Road LKI Segment 2077, Km 63.47

Revised September 2014 as per HQ Speed Review

AUTHORIZATION

2014/09/22
Date (yyyy/mm/dd)
Victoria, BC

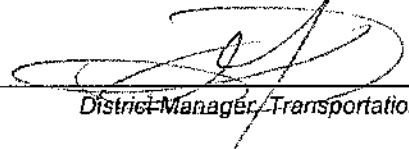

Signature of the Chief Engineer
for Minister of Transportation
and Infrastructure

Dirk Nyland
Print Name

Regulatory speed limit signs designating this zone, were erected on:

2014/09/08
Date (yyyy/mm/dd)

2014/10/05
Date (yyyy/mm/dd)


District Manager, Transportation

W. Murray Tekano
District Manager, Transportation
Okanagan - Shuswap District

Distribution: Original - Chief Engineer
Copy - Regional Traffic Engineer Copy - District Files
Copy - Centreline Marking Supervisor
(forward only if No Passing Zones required changing.)



SPEED ZONE

Region:	Southern Interior	SPEED	ZONE NUMBER
District:	Okanagan-Shuswap	100 km/hr	3134 (rev)
Service Area:	13 Okanagan-Shuswap	File Number:	28020-20

Pursuant to Section 146(2) of the Motor Vehicle Act of the Province of British Columbia, the maximum rate of speed over a portion or portions of highways described hereunder is limited as specified above.

Describe the highway number, highway name, terminal points, location reference and total length of the speed zone:

HIGHWAY 1 - TRANS CANADA HIGHWAY - Hilltop Road # 403 to Ford Road

West Terminal Point: 520 m East of Hilltop Road #403 East

LKI Segment 2077, km 53.23

East Terminal Point: 855 m East of Ford Road

LKI Segment 2077, km 64.33

Length: 11.1 km

2011 LKI Reference:

Hilltop Road #403 East, Segment 2077, km 52.71

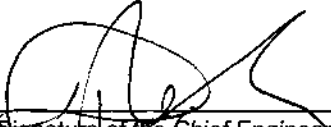
Ford Road, Segment 2077, km 63.47

Excluding any intervening zones established under the Motor Vehicle Act Section 146 (2) Speed Limits.

AUTHORIZATION

2012/01/09

Date (yyyy/mm/dd)
Victoria, BC


Signature of the Chief Engineer
for Minister of Transportation
and Infrastructure

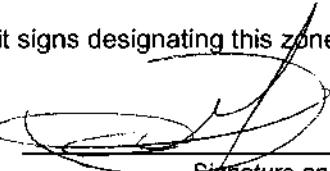
Dirk Nyland

Print Name

Regulatory speed limit signs designating this zone, were confirmed on:

2012/01/26
Date (yyyy/mm/dd)

2012/01/26
Date (yyyy/mm/dd)


Signature and Title

W. Murray Tekamp
Print Name

Distribution: Original - Chief Engineer
Copy - Regional Traffic Engineer Copy - District Files
Copy - Centreline Marking Supervisor
(forward only if No Passing Zones required changing.)

OKANAGAN SHUSWAP DISTRICT

SPEED	ZONE NUMBER
100 km/h	3134 NEW
FILE NUMBER	
70020-35 2-5	
HQ: 70020 - 35	

Pursuant to Section 146 (2) of the Motor Vehicle Act of the Province of British Columbia, the maximum rate of speed over a portion or portions of highways described hereunder is limited as specified above.

Describe highway number, highway name, terminal points, location reference and total length of speed zone.

HIGHWAY : 1 - Balmoral Road to Ford Road

West Terminal Point: 900m west of Balmoral Road.
LKI Segment 0935, km 56.93

East Terminal Point: 855m east of Ford Road.
LKI Segment 0935, km 64.71

Length: 7.78 km

LKI Reference: Balmoral Road
Ford Road

Segment 0935, km 57.83
Segment 0935, km 63.85

Excluding any intervening zones established under the Motor Vehicle Act Section 146 (2) speed limits.

Signatures

05/12/14
Date (yyyy/mm/dd)
Victoria, BC

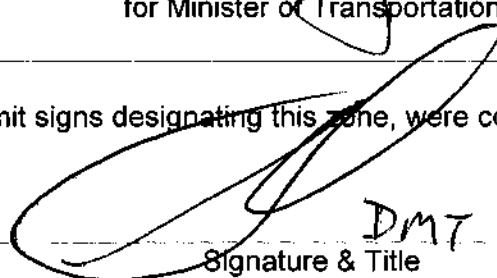

Chief Engineer
for Minister of Transportation

Dirk Nyland
Print Name

Regulatory speed limit signs designating this zone, were confirmed on :

2006-06-02
Date (yyyy/mm/dd)

2006-03-27
Date (yyyy/mm/dd)


Signature & Title

GRANT LACHMUTH
Print Name

Distribution:

- Original - Chief Engineer
- Copy - Regional Traffic Engineer
- Copy - District Files
- ☐ Copy - Centerline Marking Supervisor (forward only if No Passing Zones required changing.)

☐ **Database Updated**



SPEED ZONE

Region:	Southern Interior	SPEED	ZONE NUMBER
District:	Okanagan-Shuswap	90 km/hr	3201 REV
Service Area:	13 Okanagan-Shuswap	File Number:	28020-20

Pursuant to Section 146(2) of the Motor Vehicle Act of the Province of British Columbia, the maximum rate of speed over a portion or portions of highways described hereunder is limited as specified above.

Describe the highway number, highway name, terminal points, location reference and total length of the speed zone:

R001, Monte Creek to Pritchard

WTP: 4.4 Km East of Monte Creek Flyover #2980 LKI Segment 2077, Km 4.40

ETP: 5 Km East of Willow Rd #266 LKI Segment 2077, Km 21.12

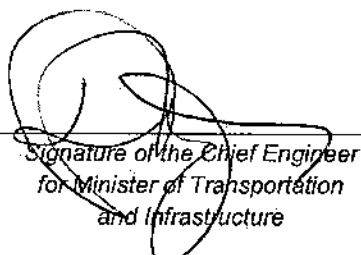
Length 16.72 Km

Excluding any intervening zones established under the Motor Vehicle Act, Section 146 (2) Speed Limits

Revised as per HQ Speed Review 2014

AUTHORIZATION

2014/05/22
Date (yyyy/mm/dd)
Victoria, BC

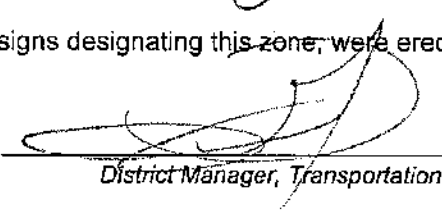

Signature of the Chief Engineer
for Minister of Transportation
and Infrastructure

Dirk Nyland
Print Name

Regulatory speed limit signs designating this zone, were erected on:

2014/08/28
Date (yyyy/mm/dd)

2014/10/05
Date (yyyy/mm/dd)


District Manager, Transportation

W. Murray Tekano
District Manager, Transportation
Okanagan - Shuswap
Print Name

Distribution: Original - Chief Engineer
Copy - Regional Traffic Engineer Copy - District Files
Copy - Centreline Marking Supervisor
(forward only if No Passing Zones required changing.)



SPEED ZONE

Region:	Southern Interior	SPEED	ZONE NUMBER
District:	Okanagan-Shuswap	90 km/hr	3201
Service Area:	13 Okanagan-Shuswap	File Number:	28020-20

Pursuant to Section 146(2) of the Motor Vehicle Act of the Province of British Columbia, the maximum rate of speed over a portion or portions of highways described hereunder is limited as specified above.

Describe the highway number, highway name, terminal points, location reference and total length of the speed zone:

HIGHWAY 1 - TRANS CANADA HIGHWAY - MONTE CREEK TO BLIND BAY

West Terminal Point: 4.40 km east of Center of Highway 97 NB overpass (Monte Creek).

LKI Segment 2077, km 4.40

East Terminal Point: 520 m east of Hilltop Road #403 East

LKI: Segment 2077, km 53.23

Length: 48.83 km

LKI Reference:

Center of Highway 97 NB overpass (Monte Creek): Segment 2077, km 0.00

Hilltop Road #403 East: Segment 2077, km 52.71

Excluding any intervening zones established under the Motor Vehicle Act Section 146 (2) speed limits.

AUTHORIZATION

2012/06/05

Date (yyyy/mm/dd)
Victoria, BC

Signature of the Chief Engineer
for Minister of Transportation
and Infrastructure

Dirk Nyland

Print Name

Regulatory speed limit signs designating this zone, were confirmed on:

2013/08/30

Date (yyyy/mm/dd)

2013/09/09

Date (yyyy/mm/dd)

Signature and Title

W. Murray Tekano
District Manager, Transportation
Okanagan - Shuswap District

Print Name

Distribution: Original - Chief Engineer
Copy - Regional Traffic Engineer Copy - District Files
Copy - Centreline Marking Supervisor
(forward only if No Passing Zones required changing.)