

18	Bonus	Task	Sign Maintenance	Feb 29 2008	Grant Smith
19	Bonus	Task	Debris Removal	Jan 25 2008	Brad Grunberg
20	Compliance	Task	Highway Incident Reporting		
21	Compliance	Task	Patrol – response times on Class A/B roads		
22	Compliance	Task	Weather condition reporting	Jan 8 2008	Billy Crichton
23	Compliance	Task	Roadside – response times		
24	Bonus	Task	Roadside – quality		
25	Bonus	Task	Drainage – quality control		
26	Compliance	Task	Pot-hole patching –	Nov 30 2007	Brad Grunberg
27	Compliance	Task	Bridge inspections	Feb 28 2008	Anne Hazlewood
28	Bonus	Task	Winter maintenance - continual improvement		
29	Compliance	Task	Hwy condition reporting -	Jan 25 2008	Bill Crichton
30	Compliance	Task	Bridge Deck maintenance – reporting	Feb 28 2008	Anne Hazlewood
31	Compliance	Task	Multiplate Structure Mtce	Dec 19 2007	Anne Hazlewood
32	Compliance	Task	Concrete Structure Mtce	Oct 11 2007	Anne Hazlewood
33	Bonus	Task	Supplier relationships		
34	Bonus	Task	Occupation Health and		
35	Compliance	Task	Ditching, Culvert		
36	Compliance	Task	Sign maintenance –		
37	Compliance	Task	Highway inspection –		
38	Compliance	Task	Pavement Patching & Crack sealing		

18	Bonus	Task	Sign Maintenanane	Feb 29 2008	Grant Smith
19	Bonus	Task	Debris Removal	Jan 25 2008	Brad Grunberg
20	Compliance	Task	Highway Incident Reporting		
21	Compliance	Task	Patrol – response times on Class A/B roads		
22	Compliance	Task	Weather condition reporting	Jan 8 2008	Billy Crichton
23	Compliance	Task	Roadside – response times		
24	Bonus	Task	Roadside – quality		
25	Bonus	Task	Drainage – quality control		
26	Compliance	Task	Pot-hole patching –	Nov 30 2007	Brad Grunberg
27	Compliance	Task	Bridge inspections	Feb 28 2008	Anne Hazlewood
28	Bonus	Task	Winter maintenance - continual improvement		
29	Compliance	Task	Hwy condition reporting -	Jan 25 2008	Bill Crichton
30	Compliance	Task	Bridge Deck maintenance – reporting	Feb 28 2008	Anne Hazlewood
31	Compliance	Task	Multiplate Structure Mtce	Dec 19 2007	Anne Hazlewood
32	Compliance	Task	Concrete Structure Mtce	Oct 11 2007	Anne Hazlewood
33	Bonus	Task	Supplier relationships		
34	Bonus	Task	Occupation Health and		
35	Compliance	Task	Ditching, Culvert		
36	Compliance	Task	Sign maintenance –		
37	Compliance	Task	Highway inspection –		
38	Compliance	Task	Pavement Patching & Crack sealing		

39	Compliance	Task	Employee training		
40	Compliance	Task	Debris removal	22-Feb-08	Brad Grunberg
41	Compliance	Task	Bridge Deck maintenance – reporting		
42	Compliance	Task	Litter & Graffiti		
43	Bonus	Task	Continual improvement – non-conformances		
44	Compliance	Task	Highway Incident reports		
45	Bonus	Task	Customer focus		
46	Bonus	Task	Management review		
47	Bonus	Task	Internal audits		
48	Bonus	Task	Bridge sidewalk cleaning	Dec 6 2007	Carl Lutz
49	Compliance	Task	Hwy condition reporting – response times		
50	Bonus	Task	Road and weather	Dec 28 2007	Grant Smith
51	Compliance	Task	Fleet Operations Policy –		
52	Compliance	Task	Sign maintenance -		
53	Compliance	Task	Freeway Service Patrol	Oct 26 2007	Brad Grunberg
54	Compliance	Task LAS #6	Highway Traffic Patrol	Oct 26 2007	Brad Grunberg
55	Compliance	Task	Highway Shoulder Maintenance	Nov 8 2007	Patrick Hill
56	Compliance	Task	Bridge Piling Maintenance	Oct 11 2007	Carl Lutz Anne Hazlewood
57	Compliance	Task	Multiple Structure	Dec 19 2007	Anne Hazlewood
58	Compliance	Task	Highway Traffic Control	Feb 29 2008	Grant Smith
59	Bonus	Task	Debris Removal	22-Feb-08	Brad Grunberg

LOCAL WINTER AUDIT PLAN

SA 06

October 2009 - March 2010

#	Assessing	Audit Type	Topic	Date	Auditor
1	Compliance/ bonus	Process	Pre-season/winter preparedness	05-Nov	Brad, Thomas, Grant
1	Compliance/ bonus	Process	Pre-season/winter preparedness		
2	Bonus	Process	Post-season/continual		
3	Compliance	Task - end product / in process	Drainage Appliances - in	Nov/20	Brad
4	Compliance	Task - end product / in process	Ice control – end- product	Dec. 29	Brad
5	Compliance	Task - end product / in process	Ditch and W/course Mtce.		
6	Compliance	Task - end product / in process	Snow removal– end- product	Dec. 14	Brad
7	Compliance	Task - end product / in process	Snow removal – in- process		
8	Compliance	Task - end product / in process	Litter & Graffiti	18-Mar	Grant
9	Compliance	Task - end product / in process	Bridge Deck maintenance – in process		
10	Compliance	Task - end product / in process	Bridge Deck Mtce. Drains & flumes – in process		
11	Bonus	Task	Document control		
12	Compliance	Task	Public complaints	Jan. 12	Brad
13	Bonus	Task	Salt Mtce #1		
14	Compliance	Task	Ice control – materials	29-Mar	Grant
15	Bonus	Task	Salt Mtce #2		
16	Compliance/ bonus	Task	Moveable Bridge structure (swing bridge)	Mar. 25	Nathan V.
17	Compliance/ bonus	Task	Bridge, drainage and debris		
18	Bonus	Task	Sign Maintenance		
19	Bonus	Task	Debris Removal	Nov/20	Brad
20	Compliance	Task	Highway Incident Reporting	29-Mar	Grant
21	Compliance	Task	Patrol – response times on Class A/B roads	18-Mar	Grant
22	Compliance	Task	Weather condition reporting		

23	Compliance	Task	Roadside – response times		
24	Bonus	Task	Roadside – quality assurance		
25	Bonus	Task	Drainage – quality control		
26	Compliance	Task	Pot-hole patching – procedure		
27	Compliance	Task	Bridge inspections	2009-12-10	Nathan V.
28	Bonus	Task	Winter maintenance - continual improvement		
29	Compliance	Task	Hwy condition reporting - procedure		
30	Compliance	Task	Bridge Deck maintenance	2009-12-10	Nathan V.
31	Compliance	Task	Multiplate Structure Mtce		
32	Compliance	Task	Concrete Structure Mtce		
33	Bonus	Task	Supplier relationships		
34	Bonus	Task	Occupation Health and Safety Plan		
35	Compliance	Task	Ditching, Culvert		
36	Compliance	Task	Sign maintenance – procedure (cleaning)		
37	Compliance	Task	Highway inspection – response times		
38	Compliance	Task	Pavement Patching & Crack sealing	Jan.12	Brad
39	Compliance	Task	Employee training	18-Mar	Grant
40	Compliance	Task	Debris removal		
41	Compliance	Task	Bridge Deck maintenance – reporting		
42	Compliance	Task	Litter & Graffiti	Jan. 12	Brad
43	Bonus	Task	Continual improvement – non-conformances		
44	Compliance	Task	Highway Incident reports		
45	Bonus	Task	Customer focus		
46	Bonus	Task	Management review		
47	Bonus	Task	Internal audits		
48	Bonus	Task	Bridge sidewalk cleaning – quality assurance		

49	Compliance	Task	Hwy condition reporting – response times		
50	Bonus	Task	Road and weather		
51	Bonus	Task	Salt Mice #3		
52	Compliance	Task	Fleet Operations Policy – subcontractor compliance		
53	Compliance	Task	Sign maintenance - materials		
54	Compliance	Task	Freeway Service Patrol		
55	Compliance	Task LAS #6	Highway Traffic Patrol	29-Mar	Grant
56	Compliance	Task	Highway Shoulder Maintenance		
57	Compliance	Task	Bridge Piling		
58	Compliance	Task	Multiple Structure		
59	Compliance	Task	Highway Traffic Control		
60	Bonus	Task	Debris Removal		
61	Bonus	Task	Salt Mice #4		
62	Compliance	Task - end product / in process	Ice control – end- product		
63	Compliance	Task	Ice control – materials (sand)		
64	Compliance	Task - end product / in process	Bridge Deck Maintenance - Performance Time		
65	Compliance	Task	Frames Bridge and Structure Inspection	Mar. 25	Nathan V.
66	Compliance/ Bonus	Regional	Field audit deficiencies, salt handling practices, fleet operations policy, training, quality control/quality assurance, response to Dec 17/08 weather, contractor self-assessment, address problems ID'd by district, relationships with local stakeholders		
67	Compliance	Task	Sign Maintenance - response times	Mar. 29	Nathan V.
68	Compliance	Task	Sign Maintenance - cleaning	Mar. 29	Nathan V.
69	Compliance				

LOCAL WINTER AUDIT PLAN

SA 06

October 2010 - March 2011

#	Assessing	Audit Type	Topic	Date	Auditor
1	Compliance / bonus	Process	Pre-season/winter preparedness	11-Mar-11	Thomas
2	Compliance / Bonus	Process	Salt Handling Procedures	11-Mar-11	Thomas
3	Compliance / bonus	Process	Salt Handling Procedures		
4	Compliance / bonus	Process	Salt handling procedures -		Grant
5	Compliance / bonus	Process	Salt Handling Procedures -		
6	Bonus	Process	Pre-season/winter preparedness		
7	Compliance	Task - end product / in process	Drainage Appliance Maintenance - in process		
8	Compliance	Task - end product / in process	Roadside snow and ice control – end-product		
9	Compliance	Task - end product / in process	Roadside snow and ice control - in-process		
10	Compliance	Task - end product / in process	Snow removal– end-product		
11	Compliance	Task - end product / in process	Snow removal – in-process		Grant
12	Compliance	Task - end product / in process	Roadside snow and ice control – end-product		
13	Compliance	Task - end product / in process	Bridge Sidewalk - salting		
14	Compliance	Task - end product / in process	6-850 Bridge Inspection	31-Dec-10	Nathan
15	Bonus	Task	Document control	12-Jan	Nathan
16	Compliance	Task	Public complaints	11-Mar-11	Thomas
17	Bonus	Task	Ice control – in process	11-Mar-11	Thomas
18	Compliance	Task	Ice control – materials (sand)		
19	Bonus	Task	Ice control - procedure (interview operator)		
20	Compliance / bonus	Task	Snow removal – quality control	17-Mar-11	Grant / Inder
21	Compliance / bonus	Task	Snow removal – quality assurance		

22	Bonus	Task	Snow removal- procedure (interview operator)		
23	Compliance	Task	Winter Patrols	17-Mar-11	Grant / Inder
24	Bonus	Task	Snow removal- equipment		Deborah / Grant
25	Compliance	Task	Patrol - response times on Class C roads		
26	Compliance	Task	Patrol - response times on Class A/B roads	11-Mar-11	Thomas
27	Compliance	Task	Patrol - resp times on Class D/E roads		
28	Compliance	Task	Shoulder graveling - end product		
29	Bonus	Task	Roadside snow and ice control - quality assurance		
30	Bonus	Task	Drainage - quality control	17-Mar-11	Grant / Inder
31	Compliance	Task	Pot-hole patching - procedure		
32	Bonus	Task	Road and weather forecasting - procedure	11-Mar-11	Thomas
33	Compliance	Task	Hwy condition reporting - response times	11-Mar-11	Thomas
34	Compliance	Task	Hwy cond. report - procedure	11-Mar-11	Thomas
35	Bonus	Task	Bridge sidewalk cleaning - quality assurance		
36	Compliance	Task	Fleet Operations Policy		
37	Compliance	Task	Sign maintenance - materials	17-Mar-11	Grant / Inder
38	Bonus	Task	Stakeholder relationships		
39	Bonus	Task	Graveling		
40	Compliance	Task	Ditching, Culvert maintenance	17-Mar-11	Grant / Inder
41	Compliance	Task	Sign maintenance - procedure (cleaning)		
42	Compliance	Task	Highway inspection - response times		
43	Compliance	Task	Pot-hole patching - materials		
44	Compliance	Task	Sign installation - 2 post		Deborah / Grant
45	Compliance	Task	Debris removal	11-Mar-11	Thomas
46	Compliance	Task	Bridge Deck maintenance - reporting	12-Jan-11	Nathan
47	Compliance	Task	Litter & Graffiti	11-Mar-11	Thomas
48	Bonus	Task	Continual improvement - non-conformances	11-Mar-11	Thomas
49	Compliance	Task	Highway Incident reports	17-Mar-11	Grant / Inder
50	Bonus	Task	Customer focus		Deborah / Grant
51	Bonus	Task	Management review		
52	Bonus	Task	Internal audits		
53	Compliance	Task	Snow removal		
54	Compliance	Task	Bridge Deck maintenance - end product	31-Dec-10	Nathan
55	Compliance	Task	Bridge Deck maintenance - end product		
56	Compliance	Task	Winter storm audit		

Not Responsive

Derkson, Debra TRAN:EX

From: Atkins, Brian L TRAN:EX
Sent: Friday, September 3, 2010 11:14 AM
To: Legault, Don TRAN:EX; Morwood, Jesse TRAN:EX; Monson, Clint TRAN:EX
Subject: FW: Lane delineators

FYI and to send off to the AMs. This is a good concise document on lane delineators.

Sharon Goddard, P.Eng.

District Engineer

Lower Mainland District - Sunshine Coast Office

PH: 604.989.1507 FX: 604.740.8988 MO: 604.989.1507

From: Froese, Jerry F TRAN:EX
Sent: Tuesday, August 3, 2010 3:18 PM
To: Loutti, Mark TRAN:EX
Cc: Goddard, Sharon TRAN:EX; Malik, Naasir TRAN:EX
Subject: RE: Lane delineators

Hello Mark,

Here is what our BC MoT pavement marking manual states on the subject.

In general, the Regional Traffic Engineer approves the installation of RPM's within their region, where as engineering branch at HQ gets involved in the approval of RPM's that may not exist on the recognized products list. During my tenure as RTE on Vancouver Island (Region 6), I was involved in their approval and worked with the districts in determining if they were appropriate. On the inland island highway, installation of recessed RPM's became part of the scope of the project work. In was during this point in time (early to mid nineties) that RPM's on the island became recessed.

The first recessed reflectors used on the island were paid for by the maintenance contractor out of the Courtenay office. The Ministry required RPM's on Highway 28, and the maintenance contractor determined they could save money if they recessed them and that is how the program started. By the end of the nineties, recessed reflectors became standard practice on the island.

In terms of delineation, as RTE I would first promote the upgrade of median and posted mounted delineation for a rural route. I only looked at RPM's for this route if I thought they were helpful over and above the median and posted mounted delineators. When I started on the island, only the south island district and parts of the north island district had RPM's. Their use has now substantially increased on the island as is often included as part of Paving Projects, or as mentioned before as part of major highway upgrade projects. They are now all installed as recessed RPM's

I choose not to use RPM's;

- In urban areas with illumination as it washes out the delineators.
- Areas of heavy snowfall and sanding programs - as it will result in either surface mounted RPM loss due to snowplowing, or infill or recessed slots with sand.
- Where "Rain-Line" is being used.

I know the stretch of Hwy 10 in Langley near Glover Road, and would as RTE probably recommend use of enhanced delineation..... if they could be fitted into the South Coast's rehabilitation program budget. Before considering RPM's, I would first check to see if posted mounted reflectors are used on this section of road, and then make any improvements to them first. Once that was complete I would then assess if I thought RPM's would help over and above post mounted delineation.

Jerry

http://www.th.gov.bc.ca/publications/eng_publications/electrical/MoST_PM.pdf

7.5.0 Delineation

Road-edge delineation, through the use of barrier or post mounted reflectors, or lane edge delineation through the use of raised pavement markers, is an effective aid for night driving. Delineation should be used where there are changes in horizontal alignment, particularly at locations where the night accident frequency is high or the alignment at night is confusing

Delineation is to be considered as guide markings rather than warning devices and shall never be substituted for a proper warning sign

7.5.1 Raised Pavement Marker (RPMs) – Lane Edge Delineation

RPMs may be reflective or non-reflective. The following sections generally refer to reflective RPMs. For discussion on non reflective RPMs, especially when used as replacement for markings, see Sec. C2.9.3 of the MUTCD for Canada

RPMs are often used on coastal routes to provide additional guidance. Snow plowing will damage surface reflectors, therefore they are generally not used in areas which receive large or frequent snowfalls. Installation of RPMs shall be approved by the Regional Traffic Engineer.

RPMs are not required in urban areas with street lighting and a posted speed of 50 km/h or lower. RPMs are not installed within an intersection.

In order to reduce snowplow damage, RPMs may be recessed from the top of pavement by grinding a longitudinal slot in the asphalt. This slot shall be 1.3 m long. The width and depth of the slot will be governed by the type of reflector chosen. Depending on product, typical widths of cut will vary from 108 mm to 154 mm. RPMs are to be set "flush" with top of pavement surface. A typical depth, is 20 mm at the centre, tapering out to 0 mm at each end of the slot

RPMs must be approved for use by the Ministry of Transportation Engineering Branch. Approved RPMs are listed in the "*Recognized Product List*" available from the Engineering Branch.

The District Transportation Office shall keep a list of highway where RPMs have been installed.

7.5.2 RPM Spacing¹:

- 26.0m maximum where 5.0m dash and 6.0m gap is used
- 18.0m maximum where 3.0m dash and 6.0m gap is used.
- 13.0m for left turn lanes (see Fig. 7.13)
- 300mm in advance of dashed lines
- 50mm to right of median lane line where applicable

7.5.3 RPM – Reflective White Mono-Directional

- Used on lane lines separating traffic in the same direction of travel

7.5.4 RPM – Reflective Yellow Mono-Directional

- used on the median line on freeways and other multilane highways divided by a non-traversable median.

7.5.5 RPM – Reflective Yellow Bi-Directional

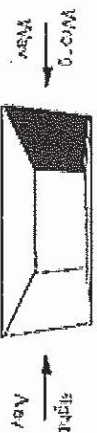
- Used on directional dividing lines and to outline median crosshatched markings .
(See Figure 7.13)
- Used on two-way left turn lanes spaced at 9.0 m to face each direction of travel.



¹ Where warranted and approved by the RTE, spacing may be reduced and RPMs installed at every dashed line, ref. Sec. C2.8.2 of the MUTCD for Canada

7.5.6 RPM – Reflective Red and White Bi-Directional

- Use for two-way delineation in controlling wrong way traffic movements on divided highways, off or on ramps, and one-way streets.



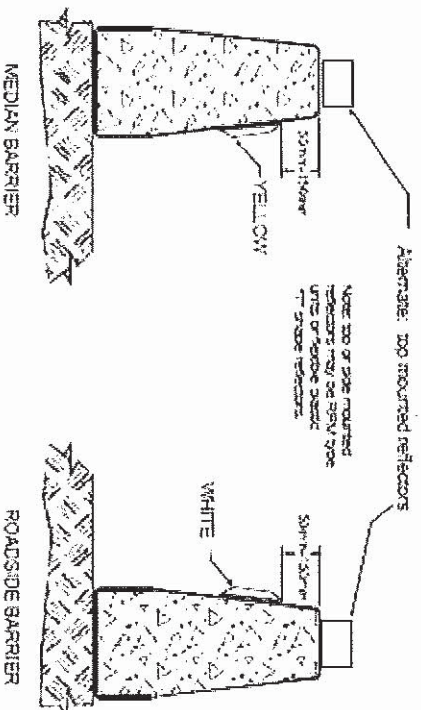
7.6.0 CMB, CRB & Post Mounted Reflectors – Road Edge Delineation

7.6.1 CMB / CRB Reflectors

The color and spacing of reflectors mounted on long continuous sections of Concrete Median and Roadside Barriers is governed by the same guidelines as specified for pavement mounted RPMs (See Section 7.5.2.1 for spacing).²

On isolated curves with CRB, the barrier mounted reflector may be spaced in accordance to Table 7.4a if the curve radius is known. Alternatively, if the curve radius is unknown the delineator spacing may be based on Table 7.4b using the posted curve advisory speed.

² CMB/CRB warrants a higher level of delineation since they represent a physical entity within the road prism, therefore reflector spacing is limited to a maximum 26m



7.6.2 Post Mounted Delineation

Post mounted reflectors should be 150 x 150cm W-55 mounted on suitable supports such as square steel posts or wood posts. Flexible delineator posts with factory installed retroreflective sheeting may also be used. Refer to Section 635 of the Standard Specification for Highway Construction for approved delineator supports and installation details

The W-55 may be substituted with an approved equivalent reflector having at least 225 square cm of retroreflective area and an R_a equivalent to prismatic lens sheeting.

Table 7.3 Application Guidelines for Delineation

FREEWAY & EXPRESSWAY				CONVENTIONAL HIGHWAY	
	CURVE	TANGENT	INTERCHANGE*	CURVE	TANGENT
WHITE (Right)	Mandatory	Recommended	Recommended	Optional**	Optional
YELLOW (Median)	Mandatory***	Recommended	Mandatory	N/A	N/A
SPACING	SEE TABLE 7.4.3	30m	30m	SEE TABLE 7.4.3	80m
	* ALSO APPLIES TO INTERCHANGES ON CONVENTIONAL HIGHWAYS				
	** MANDATORY ON ACCIDENT PRONE CURVES				
	*** ONLY FOR RH CURVES <200M RADII				

Two-lane highway delineation shall consist of a reflector mounted on a suitable post. Reflectors shall be erected so that the approach face is approximately perpendicular to the highway centreline.

Reflector colour always correspond to the colour of the pavement markings. E.g. right shoulder reflector = white, left median reflector = yellow, left shoulder reflector = white.

Reflectors shall be erected on the right-hand side of the roadway for delineating left-hand curves and on the left for similar right-hand curves. Reflectors will always be located on the outside of curves. For those curves which require delineation in both directions, two reflectors should be used on each post throughout the curve so that one reflector is visible for each direction of travel. In this cases it may be necessary to rotate individual posts away from the standard position (approach face perpendicular to centreline) in order to obtain a maximum effect. The spacing of reflectors through horizontal curves is shown in Table 7.4a. (see Figure 7.14)

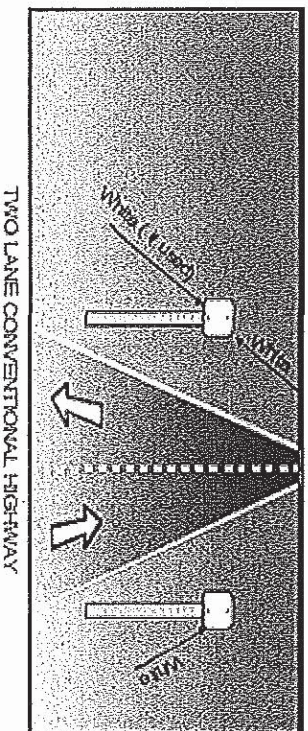
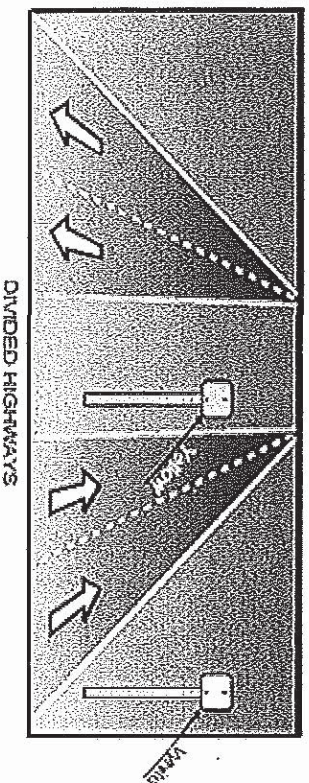
7.6.2 Post Mounted Delineation (Cont'd)

The use of delineation on straight sections of roadway is optional but may be specified by the Regional Traffic Engineer. When delineation is specified in this case, the reflectors should be spaced 60 m apart.

Where driveways, side roads or other obstructions interrupt this regular spacing, the reflector affected shall be moved a distance not to exceed one-quarter of the normal spacing, or omitted. Where continuous roadside barriers exist, refer to Section 7.5.2.

Delineation is required at all interchanges regardless of illumination.

Typical Reflector Application



From: Louitt, Mark TRAN:EX
Sent: Tuesday, August 3, 2010 1:12 PM
To: Froese, Jerry F TRAN:EX
Subject: FW: Lane delineators

Hi Jerry,

Please see my original e-mail below. I would like to understand the process of determining whether or not passive lane delineation is installed such that when anyone in electrical engineering is responding to public questions regarding lighting we can also speak to delineation.

Thank you,
Mark

From: Malik, Naasir TRAN:EX
Sent: Tuesday, August 3, 2010 12:08 PM
To: Louttit, Mark TRAN:EX
Cc: Goddard, Sharon TRAN:EX
Subject: RE: Lane delineators

Mark,

Please call Jerry Froese for expert advice on reflector placements.

Regards,

Naasir Malik, P.Eng.,M.Eng
District Engineer

From: Louttit, Mark TRAN:EX
Sent: Tuesday, August 3, 2010 12:04 PM
To: Goddard, Sharon TRAN:EX; Malik, Naasir TRAN:EX
Subject: FW: Lane delineators

Hi,

Sorry to bother you both about this but if you have a minute can you let me know if there is a warrant procedure for lane delineation (particularly passive style such as reflectors). The question came up for us a little while ago when a question came from a member of the public regarding a section of highway 10 along Glover Rd in Langley (I'm not sure the exact location).

Thanks,
Mark

From: Louttit, Mark TRAN:EX
Sent: Tuesday, July 13, 2010 3:16 PM
To: Goddard, Sharon TRAN:EX; Malik, Naasir TRAN:EX
Subject: RE: Lane delineators

Hi Sharon,

I imagine they are referring to reflectors although nothing specific was mentioned.

From: Goddard, Sharon TRAN:EX
Sent: Tuesday, July 13, 2010 2:58 PM
To: Louttit, Mark TRAN:EX; Malik, Naasir TRAN:EX
Subject: RE: Lane delineators

What kind of lane delineation?

Sharon Goddard, P.Eng.
District Engineer
Lower Mainland District - Sunshine Coast Office
PH: 604.989.1507 FX: 604.740.8988 MO: 604.989.1507

From: Louttit, Mark TRAN:EX
Sent: Wednesday, July 7, 2010 1:38 PM
To: Goddard, Sharon TRAN:EX; Malik, Naasir TRAN:EX
Subject: Lane delineators

Hi Sharon & Naasir,

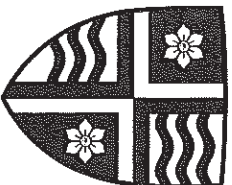
Occasionally, electrical engineering receives requests or e-mails from the public to install new lighting and lane delineators in areas of the highway that for varying reasons they feel are needed. We have a warrant analysis procedure for the examining the lighting but I was wondering if you can let me know how a decision is made to install or not install lane delineation.

Thanks,

Mark Louttit, EIT
Electrical Engineering Centre
Ministry of Transportation & Infrastructure
7818 6th Street, Burnaby, BC V3N 4N8
Phone: (604) 660-4984
Fax: (604) 660-8817

Pages 18 through 19 redacted for the following reasons:

Not responsive



Est. 1873

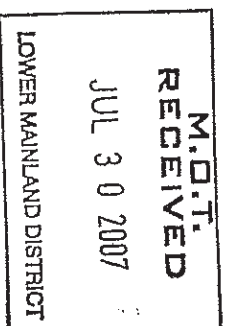
21050-40/1845
Langley
C/F 22600-01/Orange

July 17, 2007

File No. 5225-03/007

Ministry of Transportation
South Coast Region
Highway Design and Traffic Engineering
7818 Sixth Street
Burnaby, BC, V3N 4N8

Attention: Mr. Gar Lee, P.Eng



Dear Mr. Lee:

Re: Proposed Widening of Glover Road near Smith Crescent

Thank you for meeting with Township staff on July 17, 2007 to discuss the proposed road widening of Glover Road near Smith Crescent.

As indicated at the meeting, the Township has been experiencing significant drainage problems in the area of the proposed widening. Based on previous hydrologic modeling (see attached report), the existing storm sewer along Glover Road from approximately Smith Crescent to 64 Avenue and the North Creek crossing of Glover Road near 64 Avenue are undersized for the 5- and 100-year rainfall events. Residents in the area have experienced flooding and have indicated the storm sewer and culvert are undersized.

Based on the above, the Township is concerned that any further imperviousness will exacerbate flooding. We would like to ensure that there is a plan to replace the storm sewer along Glover Road. The Township is prepared to work in partnership with the Ministry to resolve this issue and will be contacting you shortly to arrange a follow-up meeting.

It should also be noted that the ditches proposed for enclosure are green and yellow coded. Approvals will be required from Fisheries & Oceans Canada to enclose a yellow coded ditch. Fisheries compensation would likely be required.

Should you wish to further discuss this matter, I can be reached at (604) 532-7319.

Yours truly,

Brad Badelt, P.Eng.
MANAGER, WATER RESOURCES & ENVIRONMENT

copy: Grant Smith (MoT)

Random Audit Process

-HQ has supplied MSAccess program which will generate Random Audits and supplied a list of Maintenance Specifications and Other Contract Requirements

- Nicole Fraser has indicated that other Districts have conducted audits on complete maintenance specification, which result in too much time being conducted on them.

She suggested that Maintenance specifications be broken down into components (for example – procedure, quality control, quality audit, materials) for each and split Maintenance Spec's into parts (eg 100 Highway Pavement Patching and Crack Sealing in Patching /crack sealing).

- Audits can then be conducted on a component of a Specification/Contract Requirement/LAS

- Each Service Areas Local Area Standards are to be added to list
- 4 – 6 Priority items for Summer
- 4 – 6 priority items for structures
- priority items can include other contract requirements and LAS
- Paul has created preliminary list. A/Ms and Ops staff to review and decide on final list of 5 types
 - o Summer Priority
 - o Summer other
 - o Winter
 - o Structure Priority
 - o Structure other

- lists can vary from SA to SA depending on local conditions
- same audit type can appear under two different locations (for example Roadside Vegetation Control can appear under Summer as well as under Structures)
- some items can be declared Not Applicable (eg Avalanche response in SA06) or happen so infrequently so as to make it pointless to have it on a list (eg Bridge Piling Maintenance)
- Some activities may not be able to be broken down into components
- District staff will generate a list of activities to audit. Person conducting audit will phone appropriate M/C person(s) in advance to give them time to get paperwork together.
- Concept is to keep random audits to 1 – 2 hrs in length
- Mainroads has requested this list of which items are priority. It was agreed it will be forwarded when finalized.

Audit Summary – Service Area 06
2005

[illegible]

COPY

*****Refer to PMH1 Inventory & Service Adjustment Agreement No. 2

APPENDIX "B" For Original Notice (LAS #6)*****

Instruction #6 (Article 7)

Service Area No. 06

To: Mainroad Lower Mainland Contracting LP.
17474-56th Ave
Surrey BC
V3S 1C3

Re: Maintenance Agreement (the "Agreement"), dated March 15th, 2004, and as amended, between:

HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF BRITISH COLUMBIA, represented by the Minister of Transportation and Infrastructure ("the Province")

OF THE FIRST PART

and:

Mainroad Lower Mainland Contracting LP., a body corporate, incorporated under the laws of the Province of British Columbia under Certificate of Incorporation No. 0634128 having its registered office at 33695 South Fraser Way, Abbotsford, British Columbia, V2S 2C1 (the "Contractor")

OF THE SECOND PART

NOTICE

1.01 Pursuant to Appendix B of the PMH1 Inventory & Service Adjustment Agreement No. 2, the following changes to the Agreement, specifically Local Area Specification # 6 – Highway Traffic Control, become effective immediately:

Local Area Specification # 6 – Highway Traffic Control Section 3 (i) after 'Highway 1' delete 'from, 216th Street' and insert 'from 900 m west of Glover Road underpass'.

The corrected Local Area Specification # 6 is attached.

COPY

ADJUSTMENT CALCULATIONS

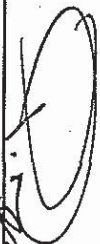
Nil cost impact

COPY

CONTRACT ADJUSTMENTS

Nil cost impact

Dated this 25TH day of JUNE, 2010



Perry Dennis

District Manager, Transportation

Lower Mainland District

Duly authorized representative of the

Ministry of Transportation & Infrastructure

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE FEB. 2, 2005 AUDIT REPORT # 7

SERVICE AREA #NAME 06 - Lower Midland District

CONTRACTOR NAME MARROAD CONTRACTING

TASK/ACTIVITY AUDITED 780 - Highway Incident and Vandalism Response

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	MEETINGS	CLOSING
BRAD SKUNBERG	BD	AREA MANAGER	
ERANT SMITH		AREA MANAGER	
ROB NEHAS	PN	ROAD FOREMAN	

SECTION 3: RECORDS REVIEWED/FINDINGS

Viewed MARROADS INCIDENT RESPONSE RECORDS - ALL CALLS ARE DOCUMENTED THROUGH MARROADS TOWER AND ENTERED INTO THE ROADRUNNER PROGRAM.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District, Copy = Contractor

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE FEB. 2, 2005 AUDIT REPORT # 8

SERVICE AREA #NAME Ab-Louis MAINTENANCE DISTRICT

CONTRACTOR NAME MAINROAD CONTRACTING

TASK/ACTIVITY AUDITED 300 - SNOW REMOVAL

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	MEETINGS	OPENING	CLOSING
BRAD SAUNDERS	RD	AREA MANAGER		
GRANT SMITH		AREA MANAGER		
ROB NEHAJ	PN	ROAD FOREMAN		

SECTION 3: RECORDS REVIEWED/FINDINGS

Block systems are in place. During a forecasted event roads are pre-salted and pre-salted with brine.
Records are kept on mainroads "winter highway inspection" form (QF31304) and "crack road salting form". North side of the Fraser River has 7 trucks in total during an event.
All blow blocks are monitored through mainroads tower and reported into the road runner system.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

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OPPORTUNITY FOR IMPROVEMENT REPORT

MINISTRY OF
TRANSPORTATION

SECTION 1 OPI TRACKING

DATE FEB 15, 2005 PREPARED BY ALAN SMITH
 SERVICE AREA #/NAME SA #6 LOWER MAINLAND DISTRICT
 CONTRACTOR NAME MATROAD CONSULTING LIMITED
 OPI # 06-050215 (SA) # + (DATE) YYMMDD

SECTION 2: DESCRIPTION OF OPPORTUNITY FOR IMPROVEMENT

ACTIVITY # 310 WINDR ABRAIVES - MATERIALS
 CONTRACTOR PROVIDED SIEVE ANALYSIS CHART
 ABRAVING THE GRADATION OF THE MATERIAL, HOWEVER
 THE UPPER AND LOWER LIMITS WERE NOT ON CHART
 SHOWING THAT THE MATERIAL IS WITHIN SPECIFICATIONS.

SECTION 3: PROPOSED DISPOSITION

SECTION 4: ROOT CAUSE

SECTION 5: RECURRENCE PREVENTION MEASURES

SECTION 6: SIGNATURES**CONTRACTOR REPRESENTATIVE**

NAME _____ SIGNATURE _____ DATE _____



**COLUMBIA BITUMTHIC LTD.
QUALITY CONTROL REPORT**

STEVE ANALYSIS

2300 ROGERS AVENUE
COQUITLAM, BC, V3K 5X6
(604) 521-8811
(604) 524-5926 fax

PROJECT

Aggregate Quality Control

SAMPLE LOCATION:

Crusinet

TEST METHOD:

Wash

SAMPLE NUMBER:

I-2029

TEST NUMBER:

1
2
3
4
5

TEST HOLE.

Aldergrove Plant

STREET STORIES:

END

DATE SAMPLED:

Nov. 19/04

TEST DATE:

Nov-19/04

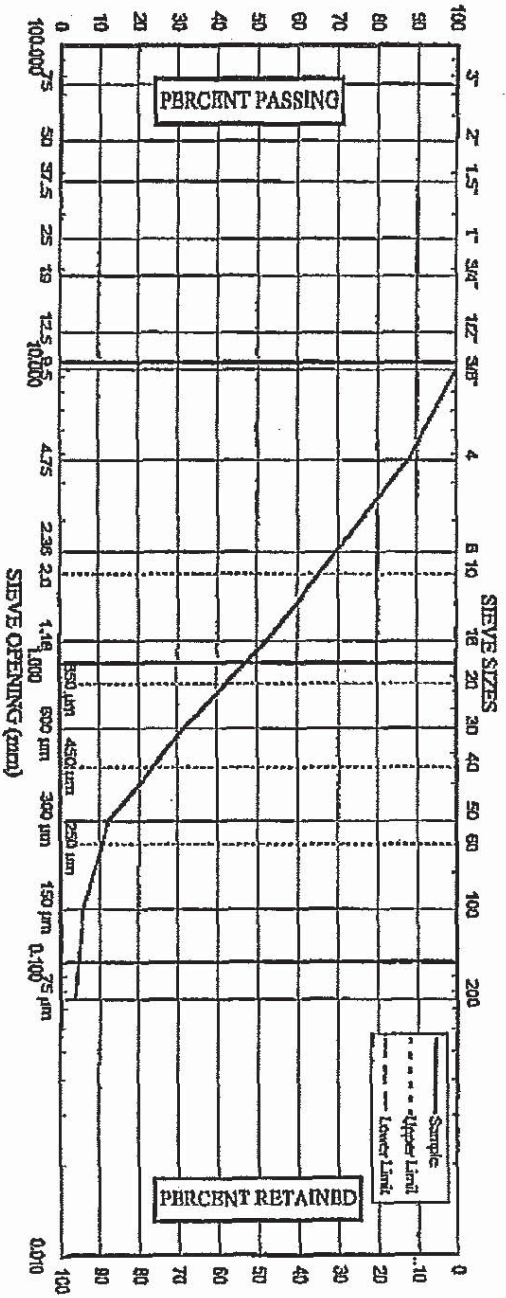
SAMPLED BY:

五五

TESTED BY:

1518

SAMPLE DATA	SIEVE SIZE		WEIGHT RETAINED	TOTAL WEIGHT FINER THAN	PERCENT FINER	
	Std.	mm.				
MASS WET	3"	75.000				
	2"	50.000				
MASS DRY	1.5"	37.500				
	1"	25.000				
TARE	3/4"	19.000				
	1/2"	12.500				100.0
WET+TARE	3/8"	9.500				99.9
	No. 4	4.750				87.8
DRY+TARE	No. 8	2.360				69.5
	No. 16	1.180				52.3
WASH+TARE	No. 30	0.600				31.6
	No. 50	0.300				12.2
% MOISTURE	No. 100	0.150				5.7
	No. 200	0.075				3.8



COMMENTS:

Sample recovered from crusher discharge; screened natural sand
Tested as per ASTM C136, C117

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE FEB 15, 2005 AUDIT REPORT # _____

SERVICE AREA #/NAME SA #6 LOWER MANNAND DISTRICT

CONTRACTOR NAME MANNAND CONTRACTING LIMITED

TASK/ACTIVITY AUDITED #310 WINTER ABRASIVES - MATERIALS

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	MEETINGS	
		OPENING	CLOSING
MARK BEADFORD			
ALAN SMITH	RATOS MATERIAL AREA MANAGER	11:30 Am	12:30 Pm

SECTION 3: RECORDS REVIEWED/FINDINGS

CONTRACTOR UTILIZES WINTER ABRASIVES.
THE ALLOCATION OF THE MATERIAL WAS PROVIDED,
HOWEVER, THE LIMITS WERE NOT SHOWN ON
SIEVE ANALYSIS THAT SHOWS THAT THE MATERIAL
IS WITHIN SPECIFICATIONS.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #
11-3-310 E3	WINTER ABRASIVE & CHEMICAL SUEW & ICE CONTROL. RESERVED RESOURCES - MATERIALS		06-050215

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1: AUDIT DETAILS

DATE FEB 15, 2005 AUDIT REPORT # _____

SERVICE AREA #/NAME SA #6 LOUISIANA MAINTENANCE DISTRICT

CONTRACTOR NAME MANFORD CONTRACTING LIMITED

TASK/ACTIVITY AUDITED #310 WINTER ABRAIVES - QC

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	MEETINGS CLOSING
MARK BRADFORD	ROADS MAINTENANCE	11:30 Am	12:20 Pm
ALAN SMITH	AREA MAINTENANCE	" "	" "

SECTION 3: RECORDS REVIEWED/FINDINGS

CONTRACTOR HAS DEMONSTRATED THAT THE CHARACTERISTICS OF ELECTRONIC SPEEDER CONTROL CONSOLES FOR MAINTENANCE APPLICATION UNITS HAS OCCURRED ENSURING THAT THE APPLICATION RATES ARE WITHIN SPECIFICATION. CHARACTERISTICS WITH CONFORMANCE TWO UNITS (S-0126 & S-0146) AND WITH COMPLIANT PRIOR TO THE WINTER SEASON. ~~AND~~

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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AUDIT REPORT

Details and summary of all audits must be recorded on this form by auditors.



SECTION 1: AUDIT DETAILS

DATE: September 1, 2005 AUDIT REPORT # 20050901-SA6

LOCAL PROCESS AUDIT ☒ LOCAL TASK AUDIT ☐ REGIONAL AUDIT ☐

SERVICE AREA # / NAME: Lower Mainland SA6

CONTRACTOR NAME: Mainroad Contracting

TASK/ACTIVITY AUDITED: Continual Improvement

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings			
Name	Position	Attendee's Initials	
Max Walker	Dist Ops Mgr	<i>[Signature]</i>	Opening Mtg
N. J. Markey	Gen Mgr	<i>[Signature]</i>	Closing Mtg
J. H. Emes	Quality Program Co-ordinator		

SECTION 3: RECORDS REVIEWED/FINDINGS

No.	Reference	Requirement	Comply (Y/N)	Comment/Remark
1	II-4.0 QMS	monitoring & measurement	Y	supplier rating form QF 24201/paving Insp Jun 29/05
2	II-4.1.3 QMS	stakeholder feed back	Y	minutes MSOP Jan 25/05 /Comment card QF 11101
3	II-1.12 QMS	Mgmt review	Y	minutes may 10/05
4	II-4.14 QMS	Internal audits	Y	sent annually torque wrench example
5	II-4.3 QMS	analysis	Y	email Mar 8/05 12:23, Bob Devaney

SECTION 4: NCR/OI SUMMARY

QMS Reference	Activity Summary	NGR #	Summary	OI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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AUDIT REPORT

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BRITISH
COLUMBIA

Ministry of Transportation

SECTION 1: AUDIT DETAILS

DATE: Dec 22/2005 AUDIT REPORT # 2005-12-22 / 1

LOCAL PROCESS AUDIT ☐ LOCAL TASK AUDIT ☒ REGIONAL AUDIT ☐

SERVICE AREA # / NAME: lower mainland district

CONTRACTOR NAME: MANOPOLO CONSTRUCTION LIMITED

TASK/ACTIVITY AUDITED: 310 electrical & ice control, manholes

SECTION 2: ATTENDANCE REGISTER

Name	Position	Attendees print name/position and initial meetings	
		Attendee's Initials	
		Opening Mtg	Closing Mtg
MARIE BRADFORD	OPERATIONS MGR.		
KEA CHAPMAN	ASSISTANT GENERAL MGR.		
JEFF MORRIS	AREA DEV'T & OPS TECH.	<i>JP</i>	<i>JP</i>
ROB BITE	AREA DEV'T & OPS TECH.	<i>RB</i>	<i>RB</i>
ALAN SMITH	AREA MANAGER	<i>AS</i>	<i>AS</i>

SECTION 3: RECORDS REVIEWED/FINDINGS

No.	Reference	Requirement	Comply (Y/N)	Comment/Remark
300	E-2	DEMONSTRATE THAT BRINE STRUCTURE	YES	SALINITY PERCENTAGES TESTING
		TESTING HAS BEEN COMPLETED		RECORDED ON BRINE WINTERIZATION
300	E-3	DEMONSTRATE THAT BRINE STRUCTURE	YES	FITTED ANTI-ICING PREPARATION MATERIAL
		WATER'S PRELIMINARY SPECIFICATIONS		PROVIDED. 2300 MCL 100% BRINE COMPOSITION

SECTION 4: NCR/OFI SUMMARY

NCR Reference	Activity Summary	Summary	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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AUDIT REPORT

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Ministry of Transportation

SECTION 1: AUDIT DETAILS

DATE December 22, 2005

AUDIT REPORT # 2005-12-22 / 2

LOCAL PROCESS AUDIT ☐

LOCAL TASK AUDIT ☒

REGIONAL AUDIT ☐

SERVICE AREA # / NAME SA06 / Lower Mainland

CONTRACTOR NAME Mainroad Contracting Ltd.

TASK/ACTIVITY AUDITED Monitoring of forecasts - 300

SECTION 2: ATTENDANCE REGISTER

Name	Position	Attendees print name/position and initial meetings	
		Opening Mtg	Closing Mtg
Mark Bradford	Asst. General Mgr.	<i>[Signature]</i>	<i>[Signature]</i>
Reel Charrois	Operations Mgr.	<i>[Signature]</i>	<i>[Signature]</i>
Grant Smith	Area Mgr.	<i>[Signature]</i>	<i>[Signature]</i>
Self Moore / Rob Bittie	Area Development Tech.	<i>[Signature]</i>	<i>[Signature]</i>

SECTION 3: RECORDS REVIEWED/FINDINGS

No.	Reference	Requirement	Comply (Y/N)	Comment/Remark
1	300-B Weather Forecast Info Mtd.	- Provide monitoring record for Dec. 10 2005.	Y	Great forecasting process.

SECTION 4: NCR/OFI SUMMARY

QMS Reference	Activity Summary	Summary	
		NCR #	OFI #

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AUDIT REPORT

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Ministry of Transportation

SECTION 1: AUDIT DETAILS

DATE July 13, 2006

AUDIT REPORT # 2006/07/11-06C-04

LOCAL PROCESS AUDIT ☒

LOCAL TASK AUDIT ☐

REGIONAL AUDIT ☐

SERVICE AREA # / NAME 06 - Lower Mainland

CONTRACTOR NAME Mainroad Contracting Ltd.

TASK/ACTIVITY AUDITED 8-830 Highway Inspection G.4 Quality Records

SECTION 2: ATTENDANCE REGISTER

Name	Position	Attendees print name/position and initial meetings	
		Opening Mtg	Closing Mtg
Jeffrey Moore	Sr. District Dev. Tech.	<i>JM</i>	<i>JM</i>
Grant Smith	Area Manager	<i>GS</i>	<i>GS</i>
<i>Carol Bell</i>	<i>Road Foreman</i>	<i>CB</i>	<i>CB</i>
<i>Mike MacIntyre</i>	<i>Quality Manager</i>		

SECTION 3: RECORDS REVIEWED/FINDINGS

No.	Reference	Requirement	Comply (Y/N)	Comment/Remark
1	8-830	Documentation to be reviewed and available for audits	Y	Reversible storage. Records are sorted monthly and filed in chronological order

SECTION 4: NCR/OFI SUMMARY

QMS Reference	Activity Summary	Summary	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

Revised Sept. 2004

AUDIT REPORT

Details and summary of all audits must be recorded on this form by auditors.



Ministry of Transportation

SECTION 1: AUDIT DETAILS

DATE July 13, 2006

AUDIT REPORT # 2006/07/11-06C-03

LOCAL PROCESS AUDIT ☒

LOCAL TASK AUDIT ☐

REGIONAL AUDIT ☐

SERVICE AREA # / NAME 06 - Lower Mainland

CONTRACTOR NAME Mainroad Contracting Ltd.

TASK/ACTIVITY AUDITED 5-440 Sign System Maintenance B.1.1(i) School Zones

SECTION 2: ATTENDANCE REGISTER

Name	Position	Attendees print name/position and initial meetings	
		Attendee's Initials	
		Opening Mtg	Closing Mtg
Jeffrey Moore	Sr. District Dev. Tech.	<i>Mr</i>	<i>Mr</i>
Grant Smith	Area Manager	<i>[Signature]</i>	<i>[Signature]</i>
<i>Russ Shoney</i>	<i>Sign Foreman</i>	<i>[Signature]</i>	<i>[Signature]</i>

SECTION 3: RECORDS REVIEWED/FINDINGS

No	Reference	Requirement	Comply (Y/N)	Comment/Remark
1	5440	Sign repair within 24 hr of being reported	Y	Reviewed Sign Crew Daily Worksheet dated July 19/06

SECTION 4: NCR/OFI SUMMARY

QMS Reference	Activity Summary	Summary	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District, Copy = Contractor

Revised Sept. 2004

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE Dec 7 / 2006

AUDIT REPORT # 2006-12-07-06C-1







SERVICE AREA #/NAME 06 Lower mainland

CONTRACTOR NAME MANROD CONCRETE LTD

TASK/ACTIVITY AUDITED LOCK AND SPECIFICATION #10 SUTTER REFERENCE

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	MEETINGS	
		OPENING	CLOSING
LEAH SMITH	MRSA INSTRUCT		
MARK BRANTON	RD. MGR. - SOUTH		
MICHE MASHINNEY	Quality Manager		

SECTION 3: RECORDS REVIEWED/FINDINGS

MANROD CONCRETE WAS ABLE TO PROVIDE DOCUMENTATION ON WORK IDENTIFICATION. HOWEVER, IN PROCESS INSPECTIONS DURING INSPECTION OF WORK PLACES, PROCEDURES, IDENTIFICATION, RUC AND RUC DOCUMENTS INSPECTIONS WERE NOT AVAILABLE.

SECTION 4: NCROFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #
1-1940	—		
LHS #10	SUTTER REFERENCE	2006/12/7-1	

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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NON-CONFORMANCE REPORT



BRITISH
COLUMBIA

Ministry of Transportation

SECTION 1: NCR TRACKING

DATE: Dec 7/2006 PREPARED BY: ALAN SMITH
SERVICE AREA # / NAME: 06 LORRICK MTHURD
CONTRACTOR NAME: MTHURD CONSTRUCTION LTD.
NCR #: 2006/12/7-1 MAJOR ☐ MINOR ☐

SECTION 2: DESCRIPTION OF NON-CONFORMANCE

Quote the contractual requirement which is not being met and/or the relevant section of the QMS. Also quote location of non-conformance, e.g., highway number, foreman area, when applicable.)

LTS #10 SUFFERED RETICULAR
MTHURD'S CONTRACTOR WAS NOT ABLE TO PROVIDE
DOCUMENTATION ON IN PROCESS AND END PRODUCT
NOSECTIONS FOR SUTRA RETICULAR MTHURD
(WITH THE EXCEPTION OF WORK IDENTIFICATION)

SECTION 3: REQUIRED CORRECTION

Does Contractor have to re-do/do the work? Select N/A if non-conformance is not curable or opportunity to rectify has passed)

YES ☒ DEADLINE FOR CORRECTION: Dec 31/2006

NO ☐ MOT ACCEPTS THE NON-CONFORMING PRODUCT/SERVICE
REASON: _____

N/A ☐ REASON: _____

SIGNATURES (UPON COMPLETION OF REQUIRED CORRECTION):

CONTRACTOR REPRESENTATIVE CONFIRMS THAT THE CORRECTION HAS BEEN COMPLETED

NAME M. McWhinney SIGNATURE [Signature] DATE Dec. 22, 2006
NAME _____ REPRESENTATIVE ACCEPTS THE CORRECTION
NAME _____ SIGNATURE _____ DATE _____

Original = District; Copy = Contractor

SECTION 4: ROOT CAUSE ANALYSIS AND CORRECTIVE ACTION PLAN:

SECTION 4A: DEADLINE FOR SUBMISSION OF PLAN TO MOT:

Date: _____

SECTION 4B: ROOT CAUSE ANALYSIS:

(Why did the non-conformance occur?)


- Two factors contributed to this non-conformance*
- 1) Managers did not recognize the need to treat McInroad pavement markings as a sub-contractor.*
 - 2) Quality control roles and responsibilities were not defined when the work was sub-contracted.*

SECTION 4C: CORRECTIVE ACTION PLAN:

(What is the contractor's plan to prevent re-occurrence of the non-conformance?)

- Initial Correction*
- Perform end product inspections to verify the surface reflector installations by McInroad*
 - Pavement Marking (5 inspections completed to date)*
 - Long Term Correction*
 - Clarify with managers the need to treat internal companies the same as any sub-contractor. (Done)*
 - emphasize in process and end product quality control in the upcoming GMS training sessions for Area 6 managers and foremen.*

CONTRACTOR REPRESENTATIVE COMMITS TO IMPLEMENTING THE CORRECTIVE ACTION PLAN AND CONFIRMS THAT THE PLAN IS INTENDED TO PREVENT THE RE-OCCURRENCE OF THE NON-CONFORMANCE IDENTIFIED IN SECTION 2 OF THIS REPORT.

NAME Mike Mackinney SIGNATURE  DATE Dec 23, 2006

MOT REPRESENTATIVE ACCEPTS THE CORRECTIVE ACTION PLAN. ACCEPTANCE DOES NOT NEGATE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THE SERVICES IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS.

NAME Gilbert Smith SIGNATURE  DATE Feb 15, 2007

INSTRUCTIONS:

SECTION 1, 2 AND 3 TO BE COMPLETED BY MOT

SECTION 4 TO BE COMPLETED BY THE CONTRACTOR

JDIT REPORT

Details and summary of all audits must be recorded on this form by auditors.



SECTION 1: AUDIT DETAILS

DATE: _____ AUDIT REPORT # 2006-12-07-06-1

LOCAL PROCESS AUDIT ☒ LOCAL TASK AUDIT ☐ REGIONAL AUDIT ☐

SERVICE AREA # / NAME: SA# 6 / Lower Mainland

CONTRACTOR NAME: Mainroad Contracting Ltd

TASK/ACTIVITY AUDITED: Continual Improvement Process

SECTION 2: ATTENDANCE REGISTER

Name	Position	Attendees print name/position and initial meetings	
		Attendee's Initials	
		Opening Mtg	Closing Mtg
Reel Charrois	General Manager, Mainroad		
Mike Mawhinney	Quality Manager, Mainroad		
Max Walker	Operations Manager, MoT		

SECTION 3: RECORDS REVIEWED/FINDINGS

No.	Reference	Requirement	Comply (Y/N)	Comment/Remark
1		Data Collection	yes	water ponding spreadsheet
2		Data Analysis	yes	Comparative analysis vehicle paint in process
3		Management Review	yes	Minutes of Nov 7 2006
4		Documentation	yes	Shown changes to Document Control & filing

SECTION 4: NCR/OFI SUMMARY

QMS Reference	Activity Summary	Summary	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

**Audit Summary – Service Area 06
2006**

[illegible]

NON-CONFORMANCE REPORT



Ministry of Transportation

SECTION 1: NCR TRACKING

DATE: Dec 7/2006 PREPARED BY: ALAN SMITH
 SERVICE AREA # / NAME: 06 LOUIS MATHURON
 CONTRACTOR NAME: MATHURON CONCRETE LTD.
 NCR #: 2006/12/7-1 MAJOR ☐ MINOR ☐

SECTION 2: DESCRIPTION OF NON-CONFORMANCE

(Quote the contractual requirement which is not being met and/or the relevant section of the QMS. Also quote location of non-conformance, e.g., highway number, foreman area, when applicable.)

LA5 #10 SURFACE DEFECTS
MATHURON CONTRACTOR WAS NOT ABLE TO PROVIDE
DOCUMENTATION ON IN PROCESS AND FINISHED
WORK SECTIONS FOR SURFACE DEFECTS MATHURON
(with the exception of work undertaken)

SECTION 3: REQUIRED CORRECTION

(Does Contractor have to re-do/do the work? Select N/A if non-conformance is not curable or opportunity to rectify has passed)

YES ☒ DEADLINE FOR CORRECTION: Dec 31/2006

NO ☐ MOT ACCEPTS THE NON-CONFORMING PRODUCT/SERVICE
 REASON: _____

N/A ☐ REASON: _____

SIGNATURES (UPON COMPLETION OF REQUIRED CORRECTION):

CONTRACTOR REPRESENTATIVE CONFIRMS THAT THE CORRECTION HAS BEEN COMPLETED

NAME _____ SIGNATURE _____ DATE _____

MOT REPRESENTATIVE ACCEPTS THE CORRECTION

NAME _____ SIGNATURE _____ DATE _____

Original = District; Copy = Contractor

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE Dec 28, 2007

AUDIT REPORT # 2007-12-28-06C-1


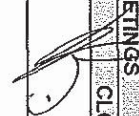


SERVICE AREA #/NAME SA-6 Lower Mainland District

CONTRACTOR NAME Mainroad Contracting Limited

TASK/ACTIVITY AUDITED 300 MONITORING OF FORECASTS.

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	MEETINGS		
		OPENING	CLOSING	
Mark Bradford	Road Manager			
Mike Mahwinney	Quality Manager			
Grant Smith	Area Manager			
Bill Erickson	Area Dev't & Ops. Tech.			
Patrick Hill	Area Dev't & Ops. Tech.			

SECTION 3: RECORDS REVIEWED/FINDINGS

MAINROAD UTILIZES FORECASTS FROM THREE SOURCES; ENV. CANADA, MOT. AVALANCHE & WEATHER PRODIGENTS & NORTHWEST WEATHERBUT INC. NO PLANNING FOR AN UPCOMING EVENT. SHOULD HAVE BE FORECAST, RESOURCES ARE DEPLOYED TO PERFORM FOR PRESENTING & BRUNING WITH PLANNING TO FOLLOW DURING EVENT.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District, Copy = Contractor

Revised January, 2004

Mark Bradford

From: tower[tower@mainroad.ca]
Sent: Monday, December 24, 2007 10:59 AM
To: Bob Devaney; Bob Nielsen; Bryan Buchanan; Darren Eli; Garnet Wall; James Hiebert; Kevin Brett; Larry Fallowfield; Larry Shayler; Mark Bradford; Rob Nehaj; Ron McCulloch; Rosaline Gaffney; Russ Stoney
Cc: Alan Rogers
Subject: FW: FPCN11 CWVR Weather Forecast

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

From: Appworx [mailto:sopprde@newport.th.gov.bc.ca]
Sent: Monday, December 24, 2007 10:53 AM
To: FPCN11VR@victorial.gov.bc.ca
Subject: FPCN11 CWVR Weather Forecast

FPCN11 CWVR 241845
FORECASTS FOR THE SOUTH COAST OF BRITISH COLUMBIA ISSUED BY ENVIRONMENT CANADA AT 11.00 AM
PST MONDAY 24 DECEMBER 2007 FOR TODAY AND TUESDAY.
THE NEXT SCHEDULED FORECAST WILL BE ISSUED AT 4.00 PM.

GREATER VANCOUVER.

TODAY..SUNNY WITH CLOUDY PERIODS. WINDY NEAR THE WATER. HIGH 7.
TONIGHT..CLOUDY PERIODS. 60 PERCENT CHANCE OF SHOWERS OVERNIGHT.
BECOMING WINDY OVERNIGHT. LOW PLUS 2.
TUESDAY..RAIN ENDING LATE IN THE DAY THEN CLOUDY. RAIN MIXED WITH SNOW EARLY IN THE
MORNING. RAINFALL AMOUNT 15 TO 25 MM. WIND SOUTHEAST 40 TO 60 KM/H BECOMING SOUTHWEST 30
IN THE AFTERNOON.
HIGH 6.

GREATER VICTORIA.

WIND WARNING IN EFFECT.
TODAY..A MIX OF SUN AND CLOUD. WINDY. HIGH 7.
TONIGHT..CLOUDY. 60 PERCENT CHANCE OF SHOWERS OVERNIGHT. BECOMING WINDY OVERNIGHT. LOW
PLUS 3.
TUESDAY..PERIODS OF RAIN ENDING LATE IN THE DAY THEN CLOUDY. WIND SOUTHEAST 30 TO 50 KM/H
INCREASING TO 50 TO 70 IN THE MORNING THEN BECOMING SOUTHWEST 30 IN THE AFTERNOON. HIGH 6.

FRASER VALLEY - WEST INCLUDING ABBOTSFORD.

TODAY..CLOUDY WITH SUNNY PERIODS. HIGH 7.
TONIGHT..CLOUDY WITH 40 PERCENT CHANCE OF SHOWERS. RAIN BEGINNING OVERNIGHT. LOW PLUS 2.
TUESDAY..RAIN. AMOUNT 15 TO 25 MM. WINDY. HIGH PLUS 4.

FRASER VALLEY - EAST INCLUDING CHILLIWACK.

TODAY..CLOUDY WITH 60 PERCENT CHANCE OF SHOWERS. HIGH PLUS 3.
TONIGHT..CLOUDY. 60 PERCENT CHANCE OF RAIN SHOWERS CHANGING TO FLURRIES NEAR MIDNIGHT. LOW
ZERO.
TUESDAY..CLOUDY. 60 PERCENT CHANCE OF FLURRIES IN THE MORNING.
PERIODS OF RAIN MIXED WITH SNOW BEGINNING LATER IN THE MORNING. HIGH PLUS 2.

HOME SOUND.

TODAY..CLOUDY. 40 PERCENT CHANCE OF SHOWERS LATE THIS AFTERNOON. FOG PATCHES DISSIPATING
NEAR NOON. HIGH PLUS 4.
TONIGHT..CLOUDY. 40 PERCENT CHANCE OF RAIN SHOWERS THIS EVENING.
PERIODS OF SNOW BEGINNING NEAR MIDNIGHT. SNOWFALL AMOUNT 2 CM.
LOW ZERO.
TUESDAY..PERIODS OF SNOW. SNOW MIXED WITH RAIN IN THE AFTERNOON.
SNOWFALL AMOUNT 10 TO 15 CM. HIGH PLUS 2.

WHISTLER.

TODAY..CLOUDY WITH SUNNY PERIODS. HIGH ZERO.
TONIGHT..CLOUDY. 40 PERCENT CHANCE OF FLURRIES EARLY THIS EVENING.

PERIODS OF SNOW BEGINNING NEAR MIDNIGHT. AMOUNT 2 CM. LOW MINUS 3.
TUESDAY..PERIODS OF SNOW. AMOUNT 5 TO 10 CM. HIGH MINUS 2.

SUNSHINE COAST.

WIND WARNING IN EFFECT.
TODAY..A MIX OF SUN AND CLOUD. WINDY NEAR THE WATER. HIGH 6.
TONIGHT..CLOUDY. 60 PERCENT CHANCE OF SHOWERS OVERNIGHT. BECOMING WINDY NEAR MIDNIGHT.
TEMPERATURE STEADY NEAR PLUS 3.
TUESDAY..RAIN. WIND SOUTHEAST 30 TO 50 KM/H INCREASING TO 50 TO 70 IN THE MORNING THEN
BECOMING SOUTH 30 IN THE AFTERNOON. TEMPERATURE STEADY NEAR PLUS 4.

SOUTHERN GULF ISLANDS.

WIND WARNING IN EFFECT.
TODAY..SUNNY WITH CLOUDY PERIODS. HIGH 8.
TONIGHT..CLOUDY PERIODS. 40 PERCENT CHANCE OF SHOWERS OVERNIGHT.
BECOMING WINDY OVERNIGHT. LOW PLUS 4.
TUESDAY..PERIODS OF RAIN. WIND SOUTHEAST 30 TO 50 KM/H INCREASING TO 50 TO 70 IN THE
MORNING THEN BECOMING SOUTH 30 IN THE AFTERNOON.
TEMPERATURE STEADY NEAR PLUS 5.

EAST VANCOUVER ISLAND.

WIND WARNING IN EFFECT.
TODAY..A MIX OF SUN AND CLOUD. HIGH 7.
TONIGHT..CLOUDY PERIODS. PERIODS OF RAIN MIXED WITH SNOW BEGINNING OVERNIGHT. BECOMING
WINDY OVERNIGHT. LOW MINUS 1.
TUESDAY..PERIODS OF RAIN. WIND SOUTHEAST 50 TO 70 KM/H BECOMING SOUTH 30 IN THE AFTERNOON.
HIGH 6.

WEST VANCOUVER ISLAND.

WIND WARNING IN EFFECT.
TODAY..CLOUDY WITH SUNNY PERIODS AND 40 PERCENT CHANCE OF SHOWERS.
WINDY. HIGH 7.
TONIGHT..CLOUDY. 40 PERCENT CHANCE OF SHOWERS THIS EVENING. PERIODS OF RAIN BEGINNING NEAR
MIDNIGHT. AMOUNT 10 TO 15 MM. WIND BECOMING SOUTH 30 TO 50 KM/H THIS EVENING THEN
SOUTHEAST 50 TO 70 OVERNIGHT.
LOW PLUS 4.
TUESDAY..RAIN AT TIMES HEAVY. AMOUNT 30 TO 40 MM. WIND SOUTHEAST 50 TO 70 KM/H BECOMING
WEST 30 EARLY IN THE AFTERNOON. HIGH 6.

INLAND VANCOUVER ISLAND.

TODAY..A MIX OF SUN AND CLOUD WITH 40 PERCENT CHANCE OF SHOWERS. HIGH PLUS 4.
TONIGHT..CLOUDY. PERIODS OF SNOW MIXED WITH RAIN BEGINNING NEAR MIDNIGHT. SNOWFALL AMOUNT
2 TO 4 CM. LOW MINUS 2.
TUESDAY..PERIODS OF SNOW MIXED WITH RAIN CHANGING TO RAIN IN THE MORNING. HIGH PLUS 3.

END/RW

Sent by Avalanche and Weather Programs
BC Ministry of Transportation

TO: Mainroad Contracting, LTD. – Ministry Area 6, Lower Mainland
FROM: *NorthWest Weathernet, Incorporated*

DATE of FORECAST: 12-27-07

TIME: 12:30 pm

FORECASTER: dljg

24/7 WEATHER
250-434-4327 (Kamloops)
1-800-937-8676 (Seattle)

Definition and Policy on “Concern Levels” at:
<http://www.nw-weather.net/concernlevels.htm>

24-48 Hour Area Weather Overview

Sending this out a bit early today.

Rain/snow mixed looks like it is starting to increase in intensity, so should be turning to wet snow nearly everywhere soon. The heaviest snowfall is expected between now and about 6/7pm and then the intensity will back off and snow turns to more rain/snow mixed showers overnight.

Winds never really turn onshore, so temperatures are expected to remain cool overnight. Occasional rain/snow mixed showers will go to wet snow showers any time the precipitation becomes heavy enough. Unfortunately, it's just not possible to determine when/if that occurs overnight. However, SFU is likely to just see snow showers, so any snow you see there will accumulate.

Those rain/snow mixed and wet snow showers continue tomorrow. When the intensity is light, it's rain or rain/snow mixed...as it increases it goes to wet snow. However, after sunrise tomorrow there should be enough breaks that any snow on roads will be temporary, and temps warm up between showers. Again, highest concerns will be at SFU.

Because of the uncertainty in intensity/timing/duration of any showers overnight and tomorrow, the uncertainty in any snow amounts is high, and will vary significantly from location to location. Some areas will just see wet roads, some areas could see 5 cm or more later tonight and tomorrow.

There is a high potential for more steadier snow on Saturday afternoon into Saturday evening.

There is a light at the end of the tunnel though, as it does look like it'll start warming up around New Year's.

Lower Mainland

Date	Weather	Air Temps (°C)	Road snow (cm)	Concerns		
				Frost	Ice	Snow
THU 3HT	Snow turns to rain/snow mixed and wet snow showers.	0 to +1	2-5 lowlands, 3- 8 cm SFU	0	8	9

FRI	Rain/snow mixed and wet snow showers.	+3	0-4 lowlands, 0-6 SFU	0	3	7
FRI NIGHT	Rain/snow mixed and wet snow showers taper off in the evening.	0	0-2 lowlands; 0-4 SFU	0	8	7

Extended Forecast

SAT.. More snow in the afternoon.

SAT NIGHT.. Snow turning to snow showers, briefly rain showers. Windy.

TO: Mainroad Contracting, LTD. – Ministry Area 6, Lower Mainland
FROM: *NorthWest Weathernet, Incorporated*

DATE of FORECAST: 12-18-07

TIME: 2 pm

FORECASTER: dlj

24/7 WEATHER

250-434-4327 (Kamloops)

1-800-937-8676 (Seattle)

Definition and Policy on “Concern Levels” at:

<http://www.nw-weather.net/concernlevels.htm>

24-48 Hour Area Weather Overview

Periods of rain this afternoon before turning to showers in the evening. Snow levels rise to 500m this afternoon then drop back to 300m overnight. More rain and wet snow develop late tonight with moderately heavy rain tomorrow.

Snow levels will be back down to 300m late tonight then rise to 700m tomorrow. So SFU can expect to see some snow accums, mostly late tonight and tomorrow morning.

SE winds will be picking up later tonight and through tomorrow as well, with gusts into the 60 kph range. Rain turns to showers tomorrow night. Some of those showers, especially late and into early Thursday morning could be strong enough to drop snow levels temporarily down to sea-level. Showers taper off Thursday morning.

Lower Mainland

Date	Weather	Air Temps (°C)	Road snow (cm)	Concerns		
				Frost	Ice	Snow
TUE NIGHT	Rain showers turning to steady rain, wet snow after 3am.	+2	0-5 cm SFU	0	1	6
WED	Rain and wet snow SFU turns to all rain late morning. Windy.	+5	0-6 SFU	0	1	6
WED NIGHT	Showers with wet snow showers late.	0 to +1	0-4	0	1	6

Extended Forecast

THU.. Morning showers, potential wet snow showers.

THU NIGHT.. Mostly cloudy, wet flurries.

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE: January 24, 2007 AUDIT REPORT # 2007-01-23-06-C1

SERVICE AREA /NAME: SA 6, Fraser River South

CONTRACTOR NAME: Mainroad

TASK/ACTIVITY AUDITED: 3-310 3.1(a), 3-310 3.1.1 (a-f), LAS6 3.1.1(a)

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	MEETINGS	
		OPENING	CLOSING
Mark Bradford, Mainroad	Road Foreman	10:45 AM	11:45 AM
Mike Mawhinney, Mainroad	Quality Mgr.	10:45 AM	11:45 AM
Bill Crichton, MoT	A/Area Mgr.	10:45 AM	11:45 AM
Brad Grunberg, MoT	Area Mgr.	10:45 AM	11:45 AM

SECTION 3: RECORDS REVIEWED/FINDINGS

3-310, 3.1(a): Routine Maintenance Services
Viewed records showing forecasts from Environment Canada and Northwest Weather net Inc. Delta Winter Plow Block records, viewed electronic records for ploughing and sanding/salt frequency including application volumes.
3-310, 3.1.1 (a-f): Performance Time Frames
Activities are called into PHCC for logging into "Road Runner" system.
Viewed Road Runner records for Jan 9th to 11th inclusive. (Snowfall event on Jan. 10th).
Records show numerous and regular calls from equipment. Records demonstrated changing levels of and types of activity taking place as snowfall event progressed. Initially salting, to ploughing travelled lanes to widening.
LAS6, 3.1.1(a): Routine Maintenance Services (Bridge Patrols)
Viewed "Wrecker Sign On" sheets, showing start and end shift times, employee time cards and time card records. Viewed copies of yearly log books (2006) which are kept by each truck. Shift start and end times along with all events are recorded. Events are also called into the PHCC which logs them in the "Road Runner" system. Viewed Road Runner records to verify.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original: District Copy = Contractor

Revised: January, 2004

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

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SECTION 1 AUDIT DETAILS

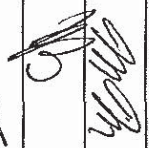





DATE FEB 15, 2007 AUDIT REPORT # 2007-02-15 06C-2

SERVICE AREA #/NAME 06 LOUISIANA

CONTRACTOR NAME MINORITY CONTRACTORS LTD.

TASK/ACTIVITY AUDITED 5-470 HIGHWAY TRAFFIC CONTROL

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	MEETINGS CLOSING
MIKE MATHIAS	CHIEF MANAGER		
MARCO BOLO FELD	PORT MANAGER		
ALAN SMITH	ASSA MANAGER		

SECTION 3: RECORDS REVIEWED/FINDINGS

COMPARISON HAS PROVIDED HIGHWAY ACTIVITY INSPECTION RECORDS (QF31102) THAT REFLECT FIELD SITE HAVE CONFIRMED THAT THE APPROPRIATE TRAFFIC CONTROL HAS BEEN IMPLEMENTED.

- NOV 1, 2006 Hwy. 7 LAMAR 2265 ACTIVITY 250 P

- DEC 22, 2006 Hwy. 10 LAMAR 12530 ACTIVITY 470C

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

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RANDOM AUDIT REPORT

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TRANSPORTATION

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SECTION 1 AUDIT DETAILS

DATE FEB 15, 2007 AUDIT REPORT # 2007-02-15 062-1







SERVICE AREA #/NAME 06 LOWER MATHURAN

CONTRACTOR NAME MATHURAN CONSTRUCTION LTD.

TASK/ACTIVITY AUDITED S-440 SIGN SYSTEM MAINTENANCE

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	OPENING	MEETINGS	CLOSING
RUSS STUBBY	SIGN FOREMAN			
MIKE MAWHINERY	QUALITY INSPECTOR			
MARL BRADFORD	ROAD WORKER			
CLINT SMITH	ROAD MAINTAINER			

SECTION 3: RECORDS REVIEWED/FINDINGS

CONTRACTOR PROVIDED RECORDS DETERMINING THAT PERFORMANCE DURING FRAMES WERE NOT FOR SIGN REPERMANENTS

- W-54 #10 @ FAKBER REPORTED DEC 20/2006 FINISHED DEC 21/2006

- R-1 264 @ ROBERTSON " " JAN 10/07 TEMPORARY REPAIRED

- W-54 BRUNETTE EB WORKING REPORTED JAN 19/07 REPAIRED JAN 19/07

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

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RANDOM AUDIT REPORT

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SECTION 1 AUDIT DETAILS



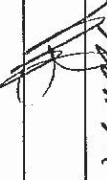
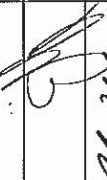
DATE MARCH 15, 2007 AUDIT REPORT # 2007-03-15-06C-1

SERVICE AREA #NAME LOWER MARIANO

CONTRACTOR NAME MARIANO CONTRACTING LIMITED

TASK/ACTIVITY AUDITED B-B30 3.1 Highway Inspection

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	MEETINGS CLOSING
GIRANT SMITH	Area Manager		
MICK MATHURNEY	Quality Manager		
MICK BRADFORD	Road Manager		

SECTION 3: RECORDS REVIEWED/FINDINGS

UNDER MARIANO'S QMS, THE ANNUAL INSPECTION OF HIGHWAYS IS COMPLETED USING A BLOCK SYSTEM WHERE STAFF COMPLETE MONITORING RECORDS CONTAINING DEFICIENCIES AND WORKS REQUIRED. THESE MONITORING RECORDS ARE COMPLETED DAILY. THE INFORMATION ON THESE RECORDS ARE IMPORTED INTO THE ROAD RUNNER SYSTEM FOR PRIORITIZATION (WORK PLANNING).

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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MAINROAD

Highway Quality Control Inspection

INSPECTION DATE:	TIME	MGR. AREA:	HIGHWAY NAME:	LOCATION:	TASK #:
Feb 14/07	1000	17		3802	26009

Landmark: 1003810

Offset: From:

0000

To:

15.200

Present State



In-Process:



End-Product:



SURFACE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Surface					<input checked="" type="checkbox"/>			
Shoulders					<input checked="" type="checkbox"/>			
Island, Barriers, Reflectors					<input checked="" type="checkbox"/>			
Drainage Cleaning					<input checked="" type="checkbox"/>			
Dust Control					<input checked="" type="checkbox"/>			
Structures/RR Xing					<input checked="" type="checkbox"/>			
DRAINAGE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Roadside Ditches					<input checked="" type="checkbox"/>			
Culverts/Flumes/Curbs					<input checked="" type="checkbox"/>			CULVERT ENDS
Catch Basins/Manholes					<input checked="" type="checkbox"/>			
Streambeds/Banks					<input checked="" type="checkbox"/>			
ROADSIDE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Signs/Delineators					<input checked="" type="checkbox"/>			
Roadside Mowing					<input checked="" type="checkbox"/>			
Roadside Brushing					<input checked="" type="checkbox"/>			
Roadside Litter					<input checked="" type="checkbox"/>			
Fences					<input checked="" type="checkbox"/>			

*Additional Comments:

SUMMER PROGRAM TO CLEAN OUT CULVERT ENDS
BEFORE NEXT WINTER - SURV/GAT/SEB

Copy to QM for Review or Corrective Action:

Corrective Action Required:

Yes ☒No ☐Yes ☐No ☒

When:

QA Box Portion to be Completed by Road Manager:

Foreman's Signature

Nature of Corrective Action Taken:

By:

Date:

Recommendations to Prevent NCR Recurrence:

By:

Date:

Re-Inspected By:

Date:

Status of Re-Inspection:

Concluded: ☐Pending: ☐

Comment of Re-Inspection if req'd:



MAINROAD

Highway Quality Control Inspection

INSPECTION DATE:	TIME	MGR. AREA:	HIGHWAY NAME:	LOCATION:	TASK #:
02/16/06	1100	C	HWY 10	827R	2600B

Landmark: _____

Offset From: _____

To: _____

Present State ☒In-Process: ☐End-Product: ☐

SURFACE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Surface								
Shoulders								
Island, Barriers, Reflectors								
avement Cleaning								
Dust Control								
Structures/RR Xing								
DRAINAGE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Roadside Ditches								
Culverts/Flumes/Curbs								LOGS + DEBRIS OUT 2/22/04
Catch Basins/Manholes								
Streambeds/Banks								
ROADSIDE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Signs/Delineators								
Roadside Mowing								
Roadside Brushing								
Roadside Litter								
Fences								

*Additional Comments:

Deficiencies Noted:

DO NOT PROCEED WITH DEBRIS COMING DOWN
OVER DRAINAGE HEAVY RAINS. CONTINUE TO MONITOR

Copy to QM for Review or Corrective Action:

Corrective Action Required:

Yes ☒ No ☐Yes ☐ No ☒

When:

02/16/06

QA Box Portion to be Completed by Road Manager:

Foremans Signature

Nature of Corrective Action Taken:

BACKHOLE TO CLEAR DEBRIS IN AT E200000.

By:

KOB NO.

Date:

02/16/06

Recommendations to Prevent NCR Recurrence:

CONTINUE TO MONITOR.

By:

Date:

Re-Inspected By:

MARK B.

Date:

02/17/06

Status of Re-Inspection:

Concluded: ☒Pending: ☐

Comment of Re-Inspection if req'd:

4217224 CLEAR OF DEBRIS



Monitoring Record

Details of monitoring observations must be recorded on this form.

Section 1 Time and Location

For Period FEBRUARY

Recorded By L. SHARER

Service Area 6

Monitoring Record #

Section 2 Summary of Observations

Date	Location	Observations	NCR Issued Y/N (if Y #)
FEB 12	CANADA WAY @ WILKINSON	POTHLES IN INTERSECTION	PAGE FEB 13
FEB 13	HWY I W/B BRUNETTE RAMP	POTHLES	DOCS FEB 15
FEB 13	HWY I W/B 3RD LANE	POTHLES	FEB 15
FEB 14	MHBP W/B @ KINGSTON	POTHLES	FEB 15
FEB 14	MHBP W/B BETWEEN KINGSTON & BRUNETTE	POTHLES	FEB 15
FEB 14	BRUNETTE S/B NEAR O/PASS	POTHLES	FEB 15
FEB 14	400 EAST EAST OF PITT BRIDGE	POTHLES	FEB 15
FEB 16	PAGE H.B PASS	PAPER & LITTER DEBRIS	FEB 21
FEB 16	SPROTT & HOLLAND @ KINGSTON	POTHLES	FEB 21
FEB 22	HWY 7 Kennedy To SARR ^{BOTH} WAYS	NEEDS FLUSHING	FEB 26

A copy of this form must be forwarded to the Quality Manager for filing.

Monitoring record number = Initials of person filling in report followed by month, year and # of forms filled out for that month. E.g. John Doe fills out his third report in April of 2005.

The report # is JD0405-3. One form can be used for a number of days, please do not use the same form to span more than one month.

Revised Jan. 21, 2005

QF31001



Monitoring Record

Details of monitoring observations must be recorded on this form.

Section 1 Time and Location

For Period FEBRUARY

Recorded By L. SHAYLER

Service Area 6

Monitoring Record #

Section 2 Summary of Observations

Date	Location	Observations	NCR Issued Y/N (if Y #)
22	Hwy 7 Kennerly To PARK. E/B	NEEDS Sweeping	
22 23	OTTAWA TO PARK & BACK	— FLUSHING	DONE 24
23	203RD Hwy 7 To 28TH	— —	DONE 27

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The report # is JD0405-3. One form can be used for a number of days, please do not use the same form to span more than one month.

Revised Jan. 21, 2005

QE31001

Part 1 of 2 Page 56
TRA-2011-00229



Monitoring Record

Details of monitoring observations must be recorded on this form.

Section 1 Time and Location

For Period JANUARY
Service Area 6

Recorded By L. SHAYLER
Monitoring Record # _____

Section 2 Summary of Observations

Date	Location	Observations	NCR Issued Y/N (if Y #)
JAN 1	MARY HILL BY PASS @ TRENTON W/B	CONCRETE BARRIERS HIT NEED REPAIRING.	DONE JAN 3
1	CAPE HORN RAMP 4/6 OFF HWY 7	- - - -	DONE JAN 3
3	UNITED TO CAPE HORN HWY 7 W/B	PAPER & CARD BOARD DEBRIS	
3	HWY 1 W/B BRUNETTE	POTHOLE NEED HOT MIX	
3	HWY 1 4/6 WEST OF BRUNETTE	- - -	
3	HWY KENSINGTON O/P S/L S/B	- - -	
10	DEBRIS HONEY BY PASS	DEBRIS, PAPER, ETC	
22	HWY 1 W/B WEST OF NORTH RD	CONCRETE BARRIERS 690'S	
22	HWY 1 E/B @ CAGLE OFF RAMP	- - - 690'S	
22	HWY 1 W/B WEST OF COLEMAN RAMP	- - -	

A copy of this form must be forwarded to the Quality Manager for filing.

Monitoring record number = Initials of person filling in report followed by month, year and # of forms filled out for that month. I.e. John Doe fills out his third report in April of 2005.

The report # is JD0405-3. One form can be used for a number of days, please do not use the same form to span more than one month.

Revised Jan. 21, 2005

QF31001

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.


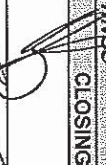
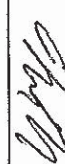

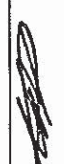

TRF

SECTION 1 AUDIT DETAILS

DATE APRIL 27/2007 AUDIT REPORT # 2007-04-27-06C-2
 SERVICE AREA #/NAME SA 6 LOWER MONTREAL DISTRICT
 CONTRACTOR NAME MONTROCK CONTRACTING LIMITED
 TASK/ACTIVITY AUDITED CONTRACT ARTICLE 14.4 (b) & (c)

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	OPENING	CLOSING
MARIE BRANFORD	ROM MONTREAL		
MICHA MATTHEWS	AUDIT MONTREAL		
GARIN SMITH	APRIL MONTREAL		

SECTION 3: RECORDS REVIEWED/FINDINGS

CONTRACTOR HAS DEMONSTRATED THAT THEY HAVE PROVIDED SUMMARY REPORTS OF AUDITED MONTREAL SERVICES WITHIN / BY THE 10TH WORKING DAY OF EACH MONTH FOR THE MONTH PRIOR.
 - FEBRUARY 07/2007, MARCH 09/2007 & APRIL 5/2007 SUBMITTALS
 ROUTINE MAINTENANCE SERVICES ARE PROVIDED INTO THE SAME SUBMITTALS.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

te: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

- (b) the completion by the Contractor of the provision of Services under this Agreement.

14.4 The Contractor will:

- (a) provide to the Minister as required by the Minister, from time to time, reports relating to the compliance of the Contractor with the laws, by-laws, orders, directions, rules and regulations referenced in section 11.1, including the *Workers Compensation Act* and the *OHS Regulation*;
- (b) provide to the Minister, no later than the 10th Working Day of each month for the prior month, monthly and Contract Year to date summaries, of Quantified Maintenance Services which include scheduled and performed Quantified Maintenance Services allocated among the work activity classifications included in Schedule 5 and identified as to work location (highway # and km. reference);
- (c) provide to the Minister, no later than the 30th Working Day of each Contract Year for the prior Contract Year. An annual summary, of Routine Maintenance Services which includes all Routine Maintenance Services performed, allocated among the work activity classifications included within the Maintenance Specifications;
- (d) allow the Province full access to the work identification data base established in the Contractor's computerized maintenance management system;
- (e) provide to the Minister, no later than June 1st of each Calendar Year, or on such date(s) as may be specified by the Minister, a report on the use of sand, salt and salt substitutes, used in providing the Maintenance Services, which includes the information and meets the requirements specified by Environment Canada and the Province for environmental monitoring and reporting on the use of sand, salt and salt substitutes for a reporting period as specified by the Minister;
- (f) provide to the Minister those reports and comply with the reporting requirements at such time(s) as specified by the Minister to be included in the Quality Management System including delivery of the Quality Work Plan, the Quantified Work Accomplishments Report and the Summary of the Contractor's Quality Audits and Dispositions, all in form and content as specified in the Contractor's Quality Management System;
- (g) provide to the Minister, at such time(s) and including such information as the Minister may specify including the following reports:
- (i) Chargeable Maintenance Costs (Form H00036);
 - (ii) Wildlife Collision Report (Form H0107);
 - (iii) Rock Fall Report (Form H207);
 - (iv) Traffic Accident Fatality Report;
- (h) provide to the Minister:

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MRSCH

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RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE MAY 31, 2007

AUDIT REPORT # 2007-05-31-06C-2





SERVICE AREA #/NAME LOUISIANA DISTRICT 5A6

CONTRACTOR NAME MAIN ROAD CONSTRUCTION LTD.

TASK/ACTIVITY AUDITED 1-220 CURB, ISLAND & BARRIER MAINTENANCE

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	OPENING	CLOSING
MARK BRADFORD	ROAD MAINTENANCE		
GRANT SMITH	AREA MAINTENANCE		

SECTION 3: RECORDS REVIEWED/FINDINGS

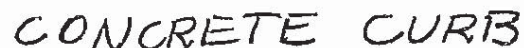
CONTRACTOR HAS UNDERTAKEN WORK IDENTIFICATION FOR CONCRETE CURB ISLAND PAVEMENT AS DOCUMENTED IN QMS WORK PROCEEDINGS.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor



AREA *A* PLAN *2007* INSPECTOR *GARNET WALL*

PRIORITY can be High Medium Low General or Recurring

QF32101 Revised 19th August 2005

NOTES

CURBS / ISLANDS CONCRETE.

Island #17 - TSWASSON DR. w/SIDE
- 56TH w/SIDE

Island #91 - Shore

S/w INTERSTATE DRIVE @ SPIREN PARK.



Not Responsive

Mainroad Lower Mainland Cont.
Work Accomplished Inquiry

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Work Report Search Criteria
Work Num: 0 Task Num: 0 Loc: H 0259R Job: Act:
Start: 01/01/04 End: 12/31/10 Post: Send:

Work #	Task Number	End Date	Job Code	Act Code	Ph	Acmp	Ut	Loc Code	Send Date	Post Date	Notes
218,084	0	01/10/04	9606A	00	370C	2.00	SQM	H	0259R	02/06/04	01/12/04
218,344	0	01/13/04	9606A	00	180C	9.00	LKM	H	0259R	02/06/04	01/21/04
218,444	0	01/12/04	9606A	00	100C	2.00	NUM	H	0259R	02/06/04	01/21/04
218,473	0	01/21/04	9606A	00	370C	3.00	SQM	H	0259R	02/06/04	01/21/04
218,736	0	01/24/04	9606A	00	370C	3.00	SQM	H	0259R	02/06/04	01/26/04
218,909	0	01/29/04	9606A	00	440A	1.00	NUM	H	0259R	02/06/04	02/04/04
219,331	0	02/06/04	9606A	00	440B	1.00	NUM	H	0259R	03/05/04	02/09/04
219,344	0	02/06/04	9606A	00	360C	3.00	NUM	H	0259R	03/05/04	02/09/04
219,751	0	02/14/04	9606A	00	190B	1.00	NUM	H	0259R	03/05/04	02/19/04
220,140	0	02/26/04	9606A	00	370C	5.00	SQM	H	0259R	03/05/04	03/03/04
220,154	0	02/29/04	9606A	00	180A	9.00	LKM	H	0259R	03/05/04	03/03/04
220,183	0	02/23/04	9606A	00	160B	10.00	M3	H	0259R	03/05/04	03/03/04
220,187	0	02/24/04	9606A	00	160B	7.00	M3	H	0259R	03/05/04	03/03/04
220,188	0	02/25/04	9606A	00	160B	3.00	M3	H	0259R	03/05/04	03/03/04
220,462	0	03/03/04	9606A	00	440A	1.00	NUM	H	0259R	03/26/04	03/05/04
220,704	0	03/10/04	9606A	00	440A	1.00	NUM	H	0259R	03/26/04	03/16/04
221,165	0	03/25/04	9606A	00	370C	2.00	SQM	H	0259R	05/18/04	03/31/04
222,292	0	05/10/04	9606A	00	370C	1.00	SQM	H	0259R	05/18/04	05/14/04
224,670	0	08/31/04	9606A	00	440A	4.00	NUM	H	0259R	09/19/04	09/02/04
228,190	0	12/17/04	9606A	00	180A	14.00	LKM	H	0259R	01/18/05	12/22/04
230,637	0	02/24/05	9606A	00	260D	6.00	NUM	H	0259R	03/10/05	03/02/05
233,348	0	05/30/05	9606A	00	190B	1.00	NUM	H	0259R	06/10/05	06/06/05
233,911	0	06/14/05	9606A	00	440A	4.00	NUM	H	0259R	07/11/05	06/16/05
234,673	0	07/19/05	9606A	00	190B	1.00	NUM	H	0259R	08/11/05	07/20/05
237,372	0	10/17/05	9606A	00	260D	1.00	NUM	H	0259R	11/14/05	10/24/05
237,605	0	10/27/05	9606A	00	190B	1.00	NUM	H	0259R	11/24/05	10/31/05
240,277	0	01/17/06	9606A	00	100C	1.00	NUM	H	0259R	02/10/06	01/19/06
240,605	0	01/24/06	9606A	00	260B	1.00	NUM	H	0259R	02/10/06	01/31/06
241,391	0	02/12/06	9606A	00	190B	2.00	NUM	H	0259R	03/14/06	02/13/06
241,978	0	02/28/06	9606A	00	180A	8.00	LKM	H	0259R	03/14/06	03/02/06
243,648	0	04/12/06	9606A	00	260D	7.00	NUM	H	0259R	04/26/06	04/18/06
244,255	0	05/04/06	9606A	00	180A	6.00	LKM	H	0259R	06/05/06	05/08/06
246,623	0	07/17/06	9606A	00	190B	1.00	NUM	H	0259R	08/04/06	07/20/06
247,810	0	09/05/06	9606A	00	100C	3.00	NUM	H	0259R	10/05/06	09/12/06
249,661	0	11/14/06	9606A	00	440A	1.00	NUM	H	0259R	12/05/06	11/20/06
251,060	0	12/18/06	9606A	00	190B	1.00	NUM	H	0259R	01/05/07	12/19/06
252,502	0	01/21/07	9606A	00	100C	3.00	NUM	H	0259R	02/07/07	01/25/07
260,356	0	09/11/07	9606A	00	180A	7.00	LKM	H	0259R	10/09/07	09/14/07
274,261	0	11/03/08	9606A	00	180A	5.90	LKM	H	0259R	11/14/08	11/03/08

Mainroad Lower Mainland Cont.
Work Accomplished Inquiry

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Work Report Search Criteria
Work Num: 0 Task Num: 0 Loc: H 0457R Job: Act:
Start: 01/01/04 End: 12/31/10 Post: Send:

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218,214	0	01/15/04	9606A	00	440A	3.00 NUM H	0457R	02/06/04	01/20/04	
218,328	0	01/16/04	9606A	00	100C	1.00 NUM H	0457R	02/06/04	01/20/04	
218,345	0	01/13/04	9606A	00	180C	4.00 LRM H	0457R	02/06/04	01/21/04	
218,986	0	01/27/04	9606A	00	370C	3.00 SQM H	0457R	02/06/04	02/04/04	
219,009	0	01/31/04	9606A	00	370C	5.00 SQM H	0457R	02/06/04	02/04/04	
219,010	0	01/31/04	9606A	00	360C	1.00 NUM H	0457R	02/06/04	02/04/04	
219,159	0	02/03/04	9606A	00	100C	2.00 NUM H	0457R	02/06/04	02/04/04	
219,186	0	02/02/04	9606A	00	370C	2.00 SQM H	0457R	02/06/04	02/05/04	
219,540	0	02/08/04	9606A	00	260B	1.00 NUM H	0457R	03/05/04	02/18/04	
219,705	0	02/13/04	9606A	00	190B	1.00 NUM H	0457R	03/05/04	02/18/04	
219,822	0	02/08/04	9606A	00	260B	1.00 NUM H	0457R	03/05/04	02/19/04	
219,980	0	02/14/04	9606A	00	370C	4.00 SQM H	0457R	03/05/04	02/23/04	
220,122	0	02/23/04	9606A	00	370C	2.00 SQM H	0457R	03/05/04	03/03/04	
220,464	0	03/03/04	9606A	00	190B	1.00 NUM H	0457R	03/26/04	03/05/04	
220,466	0	03/03/04	9606A	00	370C	2.00 SQM H	0457R	03/26/04	03/05/04	
220,469	0	03/04/04	9606A	00	440A	3.00 NUM H	0457R	03/26/04	03/05/04	
220,473	0	03/05/04	9606A	00	370C	5.00 SQM H	0457R	03/26/04	03/05/04	
220,694	0	03/08/04	9606A	00	440A	1.00 NUM H	0457R	03/26/04	03/16/04	
221,003	0	03/20/04	9606A	00	180C	0.50 LRM H	0457R	03/26/04	03/22/04	
221,099	0	03/25/04	9606A	00	190B	1.00 NUM H	0457R	05/18/04	03/31/04	
221,100	0	03/25/04	9606A	00	160B	40.00 M3 H	0457R	05/18/04	03/31/04	
221,119	0	03/26/04	9606A	00	440A	1.00 NUM H	0457R	05/18/04	03/31/04	
221,120	0	03/26/04	9606A	00	440B	1.00 NUM H	0457R	05/18/04	03/31/04	
221,139	0	03/23/04	9606A	00	180C	14.00 LRM H	0457R	05/18/04	03/31/04	
221,143	0	03/25/04	9606A	00	180C	10.00 LRM H	0457R	05/18/04	03/31/04	
221,324	0	04/02/04	9606A	00	440A	1.00 NUM H	0457R	05/18/04	04/02/04	
221,438	0	04/05/04	9606A	00	440A	11.00 NUM H	0457R	05/18/04	04/15/04	
221,719	0	04/18/04	9606A	00	370C	3.00 SQM H	0457R	05/18/04	04/26/04	
221,877	0	04/28/04	9606A	00	440A	1.00 NUM H	0457R	05/18/04	04/30/04	
221,892	0	04/29/04	9606A	00	440A	1.00 NUM H	0457R	05/18/04	04/30/04	
222,173	0	05/06/04	9606A	00	190B	1.00 NUM H	0457R	05/18/04	05/11/04	
222,192	0	05/08/04	9606A	00	360B	4.00 SKM H	0457R	05/18/04	05/11/04	
222,606	0	05/28/04	9606A	00	440A	1.00 NUM H	0457R	07/14/04	05/31/04	
222,726	0	06/02/04	9606A	00	440A	2.00 NUM H	0457R	07/14/04	06/09/04	
223,396	0	07/07/04	9606A	00	440A	3.00 NUM H	0457R	07/14/04	07/09/04	
223,397	0	07/08/04	9606A	00	440A	6.00 NUM H	0457R	07/14/04	07/09/04	
223,767	0	07/19/04	9606A	00	180C	1.50 LRM H	0457R	08/10/04	07/23/04	
223,928	0	07/22/04	9606A	00	440A	1.00 NUM H	0457R	08/10/04	07/26/04	

Mainroad Lower Mainland Cont.
Work Accomplished Inquiry

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Work #	Task Number	End Date	Job Code	Act Ph Code	Acamp Ut	Loc Code	Send Date	Post Date	Notes
224,493	0	08/23/04	9606A	00	440A	1.00	NUM H 0457R	09/15/04	09/01/04
224,566	0	08/30/04	9606A	00	180C	9.00	LKM H 0457R	09/15/04	09/02/04
224,669	0	08/31/04	9606A	00	440A	3.00	NUM H 0457R	09/15/04	09/02/04
227,322	11,185	11/20/04	9606A	40	440P	1.00	NUM H 0457R	12/10/04	12/07/04
227,324	11,187	11/20/04	9606A	40	440P	1.00	NUM H 0457R	12/10/04	12/07/04
227,325	11,188	11/20/04	9606A	40	440M	1.00	NUM H 0457R	12/10/04	12/07/04
227,326	11,189	11/20/04	9606A	40	440M	1.00	NUM H 0457R	12/10/04	12/07/04
228,193	0	12/18/04	9606A	00	100C	2.00	NUM H 0457R	01/18/05	12/22/04
228,195	0	12/18/04	9606A	00	100C	2.00	NUM H 0457R	01/18/05	12/22/04
228,250	0	12/15/04	9606A	00	100C	2.00	NUM H 0457R	01/18/05	12/22/04
228,297	0	12/22/04	9606A	00	780A	2.00	HR H 0457R	01/18/05	12/23/04
228,312	0	12/22/04	9606A	00	780A	5.50	HR H 0457R	01/18/05	12/24/04
228,315	0	12/22/04	9606A	00	780A	4.50	HR H 0457R	01/18/05	12/24/04
228,375	0	12/21/04	9606A	00	780A	6.50	HR H 0457R	01/18/05	12/24/04
229,285	0	01/20/05	9606A	00	260B	1.00	NUM H 0457R	02/11/05	01/21/05
229,582	0	01/27/05	9606A	00	440B	1.00	NUM H 0457R	02/11/05	02/02/05
229,584	0	01/27/05	9606A	00	440A	2.00	NUM H 0457R	02/11/05	02/02/05
229,983	0	02/04/05	9606A	00	180A	1.00	LKM H 0457R	02/11/05	02/07/05
230,716	0	02/25/05	9606A	00	260D	20.00	NUM H 0457R	03/10/05	03/03/05
231,173	0	03/11/05	9606A	00	180A	10.00	LKM H 0457R	04/11/05	03/17/05
231,176	0	03/12/05	9606A	00	180A	8.00	LKM H 0457R	04/11/05	03/17/05
231,270	0	03/15/05	9606A	00	440A	1.00	NUM H 0457R	04/11/05	03/18/05
231,323	0	03/17/05	9606A	00	180C	4.00	LKM H 0457R	04/11/05	03/18/05
231,696	0	04/02/05	9606A	00	780B	3.00	HR H 0457R	04/11/05	04/04/05
231,786	11,318	03/07/05	9606A	40	440M	1.00	NUM H 0457R	04/11/05	04/11/05 145Q
232,006	0	04/11/05	9606A	00	440A	1.00	NUM H 0457R	04/21/05	04/14/05
232,174	11,359	02/18/05	9606A	40	160P	1.00	SKM H 0457R	04/21/05	04/19/05 W/B
232,175	11,360	02/18/05	9606A	40	260M	2.00	LM H 0457R	04/21/05	04/19/05 GOVER NURSERY
232,176	11,361	02/18/05	9606A	40	260L	1.00	NUM H 0457R	04/21/05	04/19/05 GLOVER NURSERY
232,729	0	05/01/05	9606A	00	180B	1.50	ME H 0457R	05/11/05	05/10/05
232,943	0	05/15/05	9606A	00	160B	4.00	MD H 0457R	06/10/05	05/20/05
232,958	0	05/17/05	9606A	00	440A	1.00	NUM H 0457R	06/10/05	05/20/05
233,498	0	06/07/05	9606A	00	180C	1.50	LKM H 0457R	06/10/05	06/08/05
233,801	0	06/08/05	9606A	00	440A	1.00	NUM H 0457R	07/11/05	06/13/05
233,804	0	06/08/05	9606A	00	440A	1.00	NUM H 0457R	07/11/05	06/13/05
233,985	0	06/15/05	9606A	00	180A	7.00	LKM H 0457R	07/11/05	06/20/05
233,986	0	06/16/05	9606A	00	180A	7.00	LKM H 0457R	07/11/05	06/20/05
234,016	0	06/16/05	9606A	00	440B	1.00	NUM H 0457R	07/11/05	06/23/05
234,581	11,376	06/01/05	9606A	42	350L	304.00	SQM H 0457R	08/11/05	07/19/05
234,808	0	07/20/05	9606A	00	440A	2.00	NUM H 0457R	08/11/05	07/22/05
234,809	0	07/20/05	9606A	00	780A	1.00	HR H 0457R	08/11/05	07/22/05
235,196	0	08/11/05	9606A	00	440A	2.00	NUM H 0457R	10/12/05	08/12/05
235,335	0	08/15/05	9606A	00	440A	1.00	NUM H 0457R	10/12/05	08/17/05
235,496	0	08/22/05	9606A	00	440A	1.00	NUM H 0457R	10/12/05	08/25/05
235,704	0	08/30/05	9606A	00	440A	4.00	NUM H 0457R	10/12/05	09/02/05
235,847	0	09/07/05	9606A	00	180A	14.00	LKM H 0457R	10/12/05	09/13/05
235,925	0	09/12/05	9606A	00	440A	1.00	NUM H 0457R	10/12/05	09/15/05
235,948	0	09/07/05	9606A	00	180C	6.00	LKM H 0457R	10/12/05	09/15/05
236,066	0	09/16/05	9606A	00	780B	1.50	HR H 0457R	10/12/05	09/19/05

Mainroad Lower Mainland Cont.
Work Accomplished Inquiry

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Work #	Task Number	End Date	Job Code	Ph	Act Code	Acmp	Ut	Loc Code	Send Date	Post Date	Notes
236,122	0	09/20/05	9606A	00	440A	1.00	NUM	H 0457R	10/12/05	09/28/05	
236,177	0	09/19/05	9606A	00	440A	1.00	NUM	H 0457R	10/12/05	09/28/05	
236,614	0	09/30/05	9606A	00	440A	1.00	NUM	H 0457R	10/12/05	10/05/05	
236,765	11,424	09/21/05	9606A	42	440M	1.00	NUM	H 0457R	10/12/05	10/05/05	217Q
236,766	11,424	09/21/05	9606A	42	440M	1.00	NUM	H 0457R	10/12/05	10/05/05	218Q
236,788	11,425	09/22/05	9606A	42	440P	1.00	NUM	H 0457R	10/12/05	10/05/05	98Q
236,805	11,425	09/22/05	9606A	42	440P	1.00	NUM	H 0457R	10/12/05	10/05/05	107Q
236,897	0	10/04/05	9606A	00	440A	1.00	NUM	H 0457R	10/12/05	10/11/05	
237,053	0	10/06/05	9606A	00	440A	1.00	NUM	H 0457R	10/12/05	10/11/05	
237,054	0	10/06/05	9606A	00	440A	1.00	NUM	H 0457R	10/12/05	10/11/05	
237,059	11,376	09/07/05	9606A	42	350L	50.00	SQM	H 0457R	10/12/05	10/12/05	
237,063	11,398	09/07/05	9606A	42	350M	6.97	SKM	H 0457R	10/12/05	10/12/05	
237,073	11,376	07/25/05	9606A	42	350L	133.00	SQM	H 0457R	10/12/05	10/12/05	
237,289	0	10/18/05	9606A	00	440B	1.00	NUM	H 0457R	11/14/05	10/24/05	
237,373	0	10/18/05	9606A	00	260B	2.00	NUM	H 0457R	11/14/05	10/24/05	
238,085	0	11/15/05	9606A	00	440A	1.00	NUM	H 0457R	01/12/06	11/18/05	
238,137	0	11/18/05	9606A	00	100C	4.00	NUM	H 0457R	01/12/06	11/21/05	
238,224	0	11/22/05	9606A	00	100C	3.00	NUM	H 0457R	01/12/06	11/23/05	
238,227	0	11/21/05	9606A	00	100C	3.00	NUM	H 0457R	01/12/06	11/23/05	
238,530	0	11/30/05	9606A	00	260D	1.00	NUM	H 0457R	01/12/06	12/07/05	
238,674	0	12/01/05	9606A	00	260D	1.00	NUM	H 0457R	01/12/06	12/07/05	
239,363	11,425	11/08/05	9606A	42	440P	1.00	NUM	H 0457R	01/12/06	12/29/05	#279
239,364	11,425	11/08/05	9606A	42	440P	1.00	NUM	H 0457R	01/12/06	12/29/05	#280
239,383	11,424	11/08/05	9606A	42	440M	1.00	NUM	H 0457R	01/12/06	12/29/05	#252Q
239,419	11,385	11/12/05	9606A	42	350L	115.00	SQM	H 0457R	01/12/06	12/29/05	
239,995	0	01/09/06	9606A	00	260D	10.00	NUM	H 0457R	01/12/06	01/11/06	
239,996	0	01/09/06	9606A	00	260B	20.00	NUM	H 0457R	01/12/06	01/11/06	
240,020	11,451	10/14/05	9606A	42	350N	665.00	SQM	H 0457R	02/10/06	01/17/06	
240,303	0	01/16/06	9606A	00	160B	10.00	M3	H 0457R	02/10/06	01/19/06	
240,486	0	01/21/06	9606A	00	100C	1.00	NUM	H 0457R	02/10/06	01/23/06	
240,490	0	01/20/06	9606A	00	100C	15.00	NUM	H 0457R	02/10/06	01/23/06	
240,795	0	01/24/06	9606A	00	260B	1.00	NUM	H 0457R	02/10/06	01/31/06	
240,885	0	01/30/06	9606A	00	260B	5.00	NUM	H 0457R	02/10/06	01/31/06	
241,235	0	02/09/06	9606A	00	180B	1.50	MH	H 0457R	03/14/06	02/13/06	
241,580	0	02/16/06	9606A	00	190B	1.00	NUM	H 0457R	03/14/06	02/20/06	
241,623	0	02/17/06	9606A	00	440A	1.00	NUM	H 0457R	03/14/06	02/20/06	
242,263	11,382	01/19/06	9606A	42	100M	2.00	SQM	H 0457R	03/14/06	03/10/06	
242,392	11,424	03/17/05	9606A	42	440M	1.00	NUM	H 0457R	03/14/06	03/13/06	323Q
242,412	11,424	03/17/05	9606A	42	440M	1.00	NUM	H 0457R	03/14/06	03/13/06	334Q
242,415	11,425	03/17/05	9606A	42	440P	1.00	NUM	H 0457R	03/14/06	03/13/06	335Q
242,477	11,382	02/28/06	9606A	42	100M	1.00	SQM	H 0457R	03/14/06	03/13/06	
242,616	0	03/13/06	9606A	00	100C	2.00	NUM	H 0457R	04/26/06	03/15/06	
242,978	0	03/23/06	9606A	00	440A	2.00	NUM	H 0457R	04/26/06	03/29/06	
243,059	0	03/22/06	9606A	00	160B	6.00	M3	H 0457R	04/26/06	03/29/06	
243,063	0	03/23/06	9606A	00	160B	7.00	M3	H 0457R	04/26/06	03/29/06	
243,143	0	03/19/06	9606A	00	440A	10.00	NUM	H 0457R	04/26/06	03/31/06	
243,272	0	03/31/06	9606A	00	180C	4.00	LKM	H 0457R	04/26/06	04/03/06	
243,596	0	04/11/06	9606A	00	440A	1.00	NUM	H 0457R	04/26/06	04/14/06	
243,650	0	04/12/06	9606A	00	190B	1.00	NUM	H 0457R	04/26/06	04/18/06	

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243,775	0	04/21/06	9606A	00	260D	22.00	NUM H	0457R 05/05/06	04/26/06	
244,063	0	04/22/06	9606A	00	440A	140.00	NUM H	0457R 05/05/06	05/01/06	
244,448	0	05/12/06	9606A	00	160B	60.00	M3 H	0457R 06/05/06	05/15/06	
244,657	0	05/24/06	9606A	00	440A	1.00	NUM H	0457R 06/05/06	05/26/06	
245,648	11,630	06/30/06	9606A	44	440M	1.00	NUM H	0457R 07/05/06	07/04/06	SIGN# 64Q
245,742	11,550	04/21/06	9606A	44	350P	3.00	NUM H	0457R 07/05/06	07/05/06	RIGHTWAY
245,744	11,550	04/21/06	9606A	44	350P	2.00	NUM H	0457R 07/05/06	07/05/06	RIGHTWAY INV.#5987
245,749	11,547	05/31/06	9606A	44	350L	51.00	SQM H	0457R 07/05/06	07/05/06	TITAN INV.#73
245,758	11,546	05/31/06	9606A	44	350K	22.00	SKM H	0457R 07/05/06	07/05/06	1ST CUT
245,882	11,630	06/02/06	9606A	44	440M	1.00	NUM H	0457R 08/04/06	07/06/06	SIGN#130Q
246,066	0	07/05/06	9606A	00	440A	4.00	NUM H	0457R 08/04/06	07/07/06	
246,101	0	07/06/06	9606A	00	160B	3.00	M3 H	0457R 08/04/06	07/07/06	
246,158	11,633	07/10/06	9606A	44	440P	1.00	NUM H	0457R 08/04/06	07/12/06	SIGN#308Q
246,186	11,633	07/10/06	9606A	44	440P	1.00	NUM H	0457R 08/04/06	07/12/06	SIGN#336Q
246,228	11,633	07/07/06	9606A	44	440P	1.00	NUM H	0457R 08/04/06	07/12/06	SIGN#378Q
246,320	0	07/14/06	9606A	00	440A	1.00	NUM H	0457R 08/04/06	07/17/06	
246,404	0	07/11/06	9606A	00	160B	4.00	M3 H	0457R 08/04/06	07/18/06	
246,407	0	07/13/06	9606A	00	160B	30.00	M3 H	0457R 08/04/06	07/18/06	
246,646	0	07/17/06	9606A	00	160B	35.00	M3 H	0457R 08/04/06	07/20/06	
246,649	0	07/18/06	9606A	00	160B	30.00	M3 H	0457R 08/04/06	07/20/06	
246,695	0	07/19/06	9606A	00	160B	25.00	M3 H	0457R 08/04/06	07/21/06	
246,822	0	07/27/06	9606A	00	440A	1.00	NUM H	0457R 08/04/06	07/31/06	
246,979	11,547	06/30/06	9606A	44	350L	17.00	SQM H	0457R 08/04/06	08/03/06	TITAN INVOICE #74
246,980	11,547	06/30/06	9606A	44	350L	17.00	SQM H	0457R 08/04/06	08/03/06	
247,507	0	08/22/06	9606A	00	180C	3.00	LKM H	0457R 10/05/06	08/31/06	
247,509	0	08/22/06	9606A	00	180C	9.00	LKM H	0457R 10/05/06	08/31/06	
247,556	0	08/30/06	9606A	00	440A	3.00	NUM H	0457R 10/05/06	08/31/06	
247,706	11,547	08/31/06	9606A	44	350L	122.00	SQM H	0457R 10/05/06	09/07/06	TITAN INV#76
247,711	11,546	08/31/06	9606A	44	350K	25.10	SKM H	0457R 10/05/06	09/07/06	HWY.10 VEG. CONTROL
248,365	0	10/01/06	9606A	00	190B	3.00	NUM H	0457R 11/03/06	10/12/06	
248,576	0	10/24/06	9606A	00	780B	2.00	HR H	0457R 11/03/06	10/16/06	
248,882	0	10/26/06	9606A	00	780A	3.00	HR H	0457R 11/03/06	10/30/06	
249,441	11,630	11/13/06	9606A	44	440M	1.00	NUM H	0457R 12/05/06	11/14/06	SIGN#533Q
249,571	11,630	11/09/06	9606A	44	440M	1.00	NUM H	0457R 12/05/06	11/14/06	SIGN#645Q
250,869	0	12/11/06	9606A	00	100C	2.00	NUM H	0457R 01/05/07	12/15/06	
251,186	0	12/19/06	9606A	00	100C	2.00	NUM H	0457R 01/05/07	12/21/06	
251,195	0	12/20/06	9606A	00	100C	2.00	NUM H	0457R 01/05/07	12/21/06	
251,216	0	12/22/06	9606A	00	180A	7.00	LKM H	0457R 01/05/07	12/22/06	
251,344	0	12/31/06	9606A	00	180A	7.00	LKM H	0457R 01/05/07	01/02/07	
251,548	0	01/03/07	9606A	00	100C	2.00	NUM H	0457R 01/05/07	01/04/07	
251,573	0	01/03/07	9606A	00	100C	2.00	NUM H	0457R 01/05/07	01/04/07	
251,648	0	01/06/07	9606A	00	100C	1.00	NUM H	0457R 02/07/07	01/08/07	
251,664	0	01/03/07	9606A	00	100C	2.00	NUM H	0457R 02/07/07	01/08/07	
251,670	0	01/05/07	9606A	00	100C	1.00	NUM H	0457R 02/07/07	01/08/07	
251,677	0	01/06/07	9606A	00	100C	1.00	NUM H	0457R 02/07/07	01/08/07	
251,748	0	01/05/07	9606A	00	100C	1.00	NUM H	0457R 02/07/07	01/08/07	
251,969	0	01/09/07	9606A	00	100C	2.00	NUM H	0457R 02/07/07	01/17/07	
251,978	0	01/07/07	9606A	00	100C	1.00	NUM H	0457R 02/07/07	01/17/07	
252,057	0	01/07/07	9606A	00	100C	1.00	NUM H	0457R 02/07/07	01/17/07	

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252,059	0	01/08/07	9606A	00	100C	1.00	NUM H	0457R	02/07/07	01/17/07
252,066	0	01/09/07	9606A	00	100C	1.00	NUM H	0457R	02/07/07	01/17/07
252,386	11,633	01/15/07	9606A	44	440P	1.00	NUM H	0457R	02/07/07	01/23/07 SIGN#736Q
252,407	11,630	01/15/07	9606A	44	440M	1.00	NUM H	0457R	02/07/07	01/23/07 SIGN#757Q
252,522	0	01/22/07	9606A	00	100C	2.00	NUM H	0457R	02/07/07	01/25/07
252,560	0	01/22/07	9606A	00	100C	5.00	NUM H	0457R	02/07/07	01/25/07
252,717	0	01/25/07	9606A	00	100C	6.00	NUM H	0457R	02/07/07	01/30/07
252,860	0	01/31/07	9606A	00	100C	1.00	NUM H	0457R	02/07/07	02/01/07
253,156	0	02/05/07	9606A	00	100C	4.00	NUM H	0457R	03/09/07	02/15/07
253,181	0	02/06/07	9606A	00	470C	1.50	HR H	0457R	03/09/07	02/15/07
253,764	0	02/19/07	9606A	00	440A	2.00	NUM H	0457R	03/09/07	02/28/07
254,270	0	03/07/07	9606A	00	190B	1.00	NUM H	0457R	03/09/07	03/08/07
254,398	0	03/09/07	9606A	00	190B	1.00	NUM H	0457R	04/05/07	03/13/07
254,778	0	03/17/07	9606A	00	180A	2.50	LXM H	0457R	04/05/07	03/20/07
254,793	0	03/16/07	9606A	00	100C	2.00	NUM H	0457R	04/05/07	03/20/07
254,995	0	03/26/07	9606A	00	100C	2.00	NUM H	0457R	04/05/07	03/27/07
255,213	0	03/30/07	9606A	00	100C	7.00	NUM H	0457R	04/05/07	04/02/07
255,775	11,783	04/20/07	9606A	46	100N	295.00	SQM H	0457R	05/04/07	04/26/07
255,776	11,783	04/20/07	9606A	46	100N	500.00	SQM H	0457R	05/04/07	04/26/07
255,815	11,793	03/30/07	9606A	46	100N	110.00	SQM H	0457R	05/04/07	04/26/07 SKIN PATCHING
256,010	0	05/03/07	9606A	00	100C	3.00	NUM H	0457R	06/06/07	05/07/07
256,037	0	05/03/07	9606A	00	100C	4.00	NUM H	0457R	06/06/07	05/07/07
256,061	0	05/01/07	9606A	00	260D	12.00	NUM H	0457R	06/06/07	05/07/07
256,062	0	05/03/07	9606A	00	260D	20.00	NUM H	0457R	06/06/07	05/07/07
256,076	0	05/02/07	9606A	00	100C	3.00	NUM H	0457R	06/06/07	05/07/07
256,110	0	05/04/07	9606A	00	100C	3.00	NUM H	0457R	06/06/07	05/08/07
256,625	11,788	04/18/07	9606A	46	350M	27.20	SQM H	0457R	06/06/07	05/23/07 HWY.10 MACHINE BRUSHING
256,676	11,809	03/20/07	9606A	46	440M	1.00	NUM H	0457R	06/06/07	05/24/07
256,677	11,809	03/20/07	9606A	46	440M	1.00	NUM H	0457R	06/06/07	05/24/07
256,722	11,809	03/21/07	9606A	46	440M	1.00	NUM H	0457R	06/06/07	05/24/07
256,723	11,809	03/21/07	9606A	46	440M	1.00	NUM H	0457R	06/06/07	05/24/07
256,724	11,809	03/21/07	9606A	46	440M	1.00	NUM H	0457R	06/06/07	05/24/07
256,725	11,809	03/21/07	9606A	46	440M	1.00	NUM H	0457R	06/06/07	05/24/07
256,758	11,809	03/23/07	9606A	46	440M	1.00	NUM H	0457R	06/06/07	05/24/07
257,003	11,737	03/28/07	9606A	46	440K	2.00	NUM H	0457R	06/06/07	05/24/07
257,052	11,741	03/29/07	9606A	46	440P	1.00	NUM H	0457R	06/06/07	05/24/07
257,053	11,741	03/29/07	9606A	46	440P	1.00	NUM H	0457R	06/06/07	05/24/07
257,141	11,809	03/30/07	9606A	46	440M	1.00	NUM H	0457R	06/06/07	05/24/07
257,440	0	05/28/07	9606A	00	260D	6.00	NUM H	0457R	06/06/07	06/01/07
257,571	0	06/04/07	9606A	00	440A	1.00	NUM H	0457R	07/04/07	06/06/07
257,599	0	06/04/07	9606A	00	260D	7.00	NUM H	0457R	07/04/07	06/07/07
257,844	11,815	06/05/07	9606A	46	350K	39.30	SQM H	0457R	08/07/07	08/02/07 ROADSIDE VEG. CONTROL HWY.10
258,005	0	06/18/07	9606A	00	100C	1.00	NUM H	0457R	07/04/07	06/20/07
258,229	0	06/27/07	9606A	00	180C	0.50	LXM H	0457R	07/04/07	07/03/07
258,392	0	06/29/07	9606A	00	190B	0.10	NUM H	0457R	08/07/07	07/05/07
258,401	0	06/29/07	9606A	00	180A	0.10	LXM H	0457R	08/07/07	07/05/07
258,417	0	07/04/07	9606A	00	440A	0.40	NUM H	0457R	08/07/07	07/06/07
258,431	0	07/03/07	9606A	00	180C	1.50	LXM H	0457R	08/07/07	07/06/07
258,728	11,741	07/12/07	9606A	46	440P	1.00	NUM H	0457R	08/07/07	07/16/07 SIGN#119

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258,917	0	07/17/07	9606A	00	100C	2.00	NUM H	0457R	08/07/07	07/23/07
259,178	11,737	07/31/07	9606A	46	440K	1.00	NUM H	0457R	08/07/07	08/02/07 SIGN#155
259,246	11,809	07/30/07	9606A	46	440M	1.00	NUM H	0457R	08/07/07	08/02/07 SIGN#223
259,247	11,741	07/30/07	9606A	46	440P	1.00	NUM H	0457R	08/07/07	08/02/07 SIGN#224
259,274	11,827	06/27/07	9606A	46	220R	6.50	LM H	0457R	08/07/07	08/02/07 PT CURBING INV.#0128
259,275	11,827	07/08/07	9606A	46	220R	5.00	LM H	0457R	08/07/07	08/02/07 PT CURBING INV.#0136
259,282	11,814	07/27/07	9606A	46	350L	168.80	SCM H	0457R	08/07/07	08/02/07 T.H.E. INV.#17
259,824	11,809	08/29/07	9606A	46	440M	1.00	NUM H	0457R	09/07/07	08/28/07
259,825	11,809	08/29/07	9606A	46	440M	1.00	NUM H	0457R	09/07/07	08/28/07
259,999	0	08/29/07	9606A	00	440A	4.00	NUM H	0457R	09/07/07	08/30/07
260,189	0	09/11/07	9606A	00	440A	1.00	NUM H	0457R	10/09/07	09/13/07
260,252	0	09/06/07	9606A	00	100C	7.00	NUM H	0457R	10/09/07	09/13/07
260,253	0	09/07/07	9606A	00	100C	5.00	NUM H	0457R	10/09/07	09/13/07
260,254	0	09/07/07	9606A	00	160B	2.00	M2 H	0457R	10/09/07	09/13/07
260,255	0	09/06/07	9606A	00	100C	7.00	NUM H	0457R	10/09/07	09/13/07
260,301	0	09/13/07	9606A	00	440A	1.00	NUM H	0457R	10/09/07	09/14/07
260,339	0	09/10/07	9606A	00	100C	12.00	NUM H	0457R	10/09/07	09/14/07
260,395	0	09/14/07	9606A	00	260B	1.00	NUM H	0457R	10/09/07	09/17/07
260,434	0	09/16/07	9606A	00	190B	0.70	NUM H	0457R	10/09/07	09/21/07
260,537	11,814	08/10/07	9606A	46	350L	70.00	SCM H	0457R	10/09/07	09/25/07 T.H.E. INV 23
260,555	11,814	09/14/07	9606A	46	350L	106.00	SCM H	0457R	10/09/07	09/25/07
260,558	11,815	09/05/07	9606A	46	350K	42.40	SKM H	0457R	10/09/07	09/25/07
260,661	0	09/25/07	9606A	00	260B	12.00	NUM H	0457R	10/09/07	09/27/07
260,669	0	09/26/07	9606A	00	180C	2.00	IKM H	0457R	10/09/07	09/27/07
260,738	0	09/27/07	9606A	00	160B	4.00	M3 H	0457R	10/09/07	09/28/07
261,298	0	10/13/07	9606A	00	780A	6.50	HR H	0457R	11/06/07	10/15/07
261,684	11,831	09/28/07	9606A	46	350P	4.40	NUM H	0457R	11/06/07	10/30/07
261,758	0	10/31/07	9606A	00	780A	3.00	HR H	0457R	12/06/07	11/07/07
262,021	0	11/07/07	9606A	00	180C	3.00	IKM H	0457R	12/06/07	11/09/07
262,084	0	11/08/07	9606A	00	190C	2.00	IKM H	0457R	12/06/07	11/13/07
262,450	11,741	11/22/07	9606A	46	440P	7.00	NUM H	0457R	12/06/07	11/22/07
262,653	11,741	12/03/07	9606A	46	440P	1.00	NUM H	0457R	12/06/07	11/30/07
262,654	11,741	12/03/07	9606A	46	440P	1.00	NUM H	0457R	12/06/07	11/30/07
262,656	11,741	12/03/07	9606A	46	440P	1.00	NUM H	0457R	12/06/07	11/30/07
262,680	11,809	12/03/07	9606A	46	440M	1.00	NUM H	0457R	12/06/07	11/30/07
262,681	11,809	12/03/07	9606A	46	440M	1.00	NUM H	0457R	12/06/07	11/30/07
262,701	11,809	12/03/07	9606A	46	440M	1.00	NUM H	0457R	12/06/07	11/30/07
262,703	11,809	12/05/07	9606A	46	440M	1.00	NUM H	0457R	12/06/07	11/30/07
263,360	0	12/11/07	9606A	00	100C	1.00	NUM H	0457R	01/07/08	12/13/07
263,591	0	12/17/07	9606A	00	220C	3.00	M H	0457R	01/07/08	12/18/07
263,715	11,850	11/01/07	9606A	46	250P	475.00	LM H	0457R	01/07/08	12/21/07
263,762	11,737	01/02/08	9606A	46	440K	2.00	NUM H	0457R	01/07/08	01/02/08
263,794	11,809	01/02/08	9606A	46	440M	1.00	NUM H	0457R	01/07/08	01/02/08
263,795	11,809	01/02/08	9606A	46	440M	1.00	NUM H	0457R	01/07/08	01/02/08
264,208	0	12/30/07	9606A	00	100C	1.00	NUM H	0457R	01/07/08	01/03/08
264,212	0	01/01/08	9606A	00	100C	1.00	NUM H	0457R	01/07/08	01/03/08
264,514	0	01/05/08	9606A	00	100C	4.00	NUM H	0457R	02/05/08	01/07/08
264,731	0	01/09/08	9606A	00	100C	1.00	NUM H	0457R	02/05/08	01/17/08
264,818	0	01/14/08	9606A	00	440A	1.00	NUM H	0457R	02/05/08	01/17/08

Work #	Task Number	End Date	Job Code	Ph Code	Act Code	Acamp Ut	Loc Code	Send Date	Post Date	Notes
264,832	0	01/12/08	9606A	00	100C	3.00	NUM H	0457R 02/05/08	01/17/08	
264,857	0	01/16/08	9606A	00	440A	2.00	NUM H	0457R 02/05/08	01/17/08	
264,874	0	01/16/08	9606A	00	100C	1.00	NUM H	0457R 02/05/08	01/17/08	
264,890	0	01/11/08	9606A	00	260D	2.00	NUM H	0457R 02/05/08	01/17/08	
265,113	11,809	01/08/08	9606A	46	440M	1.00	NUM H	0457R 02/05/08	01/18/08	
265,320	0	01/21/08	9606A	00	100C	1.00	NUM H	0457R 02/05/08	01/24/08	
266,368	0	02/10/08	9606A	00	100C	3.00	NUM H	0457R 03/05/08	02/12/08	
266,497	0	02/14/08	9606A	00	100C	1.00	NUM H	0457R 03/05/08	02/14/08	
266,759	0	02/20/08	9606A	00	440A	3.00	NUM H	0457R 03/05/08	02/22/08	
266,833	0	02/22/08	9606A	00	440A	3.00	NUM H	0457R 03/05/08	02/26/08	
267,268	11,737	02/11/08	9606A	46	440K	3.00	NUM H	0457R 03/05/08	03/05/08	
267,373	0	03/03/08	9606A	00	180A	7.00	LXM H	0457R 04/08/08	03/06/08	
267,480	11,809	03/10/08	9606A	46	440M	1.00	NUM H	0457R 04/08/08	03/11/08	
267,570	0	03/07/08	9606A	00	100C	5.00	NUM H	0457R 04/08/08	03/11/08	
267,769	0	03/12/08	9606A	00	180C	15.00	LXM H	0457R 04/08/08	03/12/08	
267,806	0	03/11/08	9606A	00	180A	80.00	LXM H	0457R 04/08/08	03/13/08	
267,807	0	03/12/08	9606A	00	180A	15.00	LXM H	0457R 04/08/08	03/13/08	
268,079	0	03/16/08	9606A	00	100C	1.00	NUM H	0457R 04/08/08	03/25/08	
268,113	0	03/20/08	9606A	00	190B	1.00	NUM H	0457R 04/08/08	03/26/08	
268,681	0	04/08/08	96SCA	00	440A	1.00	NUM H	0457R 04/15/08	04/10/08	
268,707	0	04/07/08	96SCA	00	440A	2.00	NUM H	0457R 04/15/08	04/10/08	
269,299	0	04/30/08	96SCA	00	440A	2.00	NUM H	0457R 05/08/08	05/05/08	
269,624	0	05/15/08	96SCA	00	440A	2.00	NUM H	0457R 06/06/08	05/20/08	
269,627	0	05/16/08	96SCA	00	440A	18.00	NUM H	0457R 06/06/08	05/20/08	
269,628	0	05/16/08	96SCA	00	440B	5.00	NUM H	0457R 06/06/08	05/20/08	
270,251	0	06/02/08	96SCA	00	440A	6.00	NUM H	0457R 06/06/08	06/05/08	
270,252	0	06/03/08	96SCA	00	440A	11.00	NUM H	0457R 06/06/08	06/05/08	
270,301	11,904	06/05/08	9606A	48	440M	1.00	NUM H	0457R 06/06/08	06/05/08	
270,343	11,904	06/05/08	9606A	48	440M	1.00	NUM H	0457R 06/06/08	06/06/08	
270,456	0	06/02/08	9606A	00	100C	1.00	NUM H	0457R 07/10/08	06/09/08	
270,648	0	06/10/08	9606A	00	100C	2.00	NUM H	0457R 07/10/08	06/19/08	
270,649	0	06/10/08	9606A	00	100C	4.00	NUM H	0457R 07/10/08	06/19/08	
270,833	11,894	06/10/08	9606A	48	440K	1.00	NUM H	0457R 07/10/08	06/24/08	
270,971	11,908	06/02/08	9606A	48	350K	27.70	SKM H	0457R 07/10/08	07/04/08	
271,037	0	07/03/08	96SCA	00	440A	4.00	NUM H	0457R 07/10/08	07/07/08	
271,290	11,895	07/15/08	9606A	48	440B	1.00	NUM H	0457R 08/07/08	07/16/08	
271,410	0	07/15/08	9606A	00	180C	1.00	LXM H	0457R 08/07/08	07/17/08	
271,439	0	07/08/08	9606A	00	180C	6.00	LXM H	0457R 08/07/08	07/17/08	
271,535	0	07/18/08	9606A	00	180C	1.00	LXM H	0457R 08/07/08	07/21/08	
271,926	11,976	07/03/08	9606A	48	350M	10.00	SKM H	0457R 08/07/08	08/01/08	
271,933	11,907	07/06/08	9606A	48	350L	271.00	SQM H	0457R 08/07/08	08/01/08	
272,333	0	08/22/08	96SCA	00	440A	4.00	NUM H	0457R 09/11/08	08/25/08	
272,579	11,976	08/01/08	9606A	48	350M	34.60	SKM H	0457R 09/11/08	09/04/08	
272,597	11,988	08/02/08	9606A	48	350K	10.70	SKM H	0457R 09/11/08	09/04/08	
272,761	0	09/05/08	9606A	00	190C	1.00	NUM H	0457R 09/11/08	09/09/08	
272,912	0	09/12/08	96SCA	00	440A	3.00	NUM H	0457R 10/09/08	09/15/08	
273,092	0	09/25/08	96SCA	00	440A	1.00	NUM H	0457R 10/09/08	09/26/08	
273,093	0	09/25/08	96SCA	00	440B	1.00	NUM H	0457R 10/09/08	09/26/08	
273,293	11,904	09/30/08	9606A	48	440M	1.00	NUM H	0457R 10/09/08	10/01/08	

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273,305	11,904	09/29/08	9606A	48	440M	1.00	NUM H	0457R	10/09/08	10/01/08
273,314	11,905	09/29/08	9606A	48	440M	1.00	NUM H	0457R	10/09/08	10/01/08
273,333	11,908	09/30/08	9606A	48	350K	34.80	SKM H	0457R	10/09/08	10/01/08
273,787	0	10/11/08	9606A	00	160B	1.30	M3 H	0457R	11/14/08	10/14/08
274,052	0	10/24/08	9606A	00	190B	1.00	NUM H	0457R	11/14/08	10/27/08
274,259	0	11/03/08	9606A	00	180A	6.90	LKM H	0457R	11/14/08	11/03/08
274,412	0	11/04/08	96SCA	00	440A	1.00	NUM H	0457R	11/14/08	11/07/08
274,727	0	11/16/08	9606A	00	440A	5.00	NUM H	0457R	12/08/08	11/20/08
274,734	0	11/17/08	9606A	00	440A	4.00	NUM H	0457R	12/08/08	11/20/08
274,775	0	11/18/08	9606A	00	190C	20.00	NUM H	0457R	12/08/08	11/21/08
274,835	0	11/22/08	9606A	00	190C	1.00	NUM H	0457R	12/08/08	11/24/08
275,193	0	11/30/08	9606A	00	190C	8.00	NUM H	0457R	12/08/08	12/02/08
275,385	0	12/02/08	9606A	00	100C	1.00	NUM H	0457R	12/08/08	12/03/08
275,518	0	12/05/08	9606A	00	190C	1.00	NUM H	0457R	12/08/08	12/08/08
275,640	0	12/07/08	9606A	00	440A	10.00	NUM H	0457R	02/06/09	12/12/08
275,675	0	12/09/08	9606A	00	190C	2.00	NUM H	0457R	02/06/09	12/12/08
275,815	0	12/14/08	9606A	00	100C	1.00	NUM H	0457R	02/06/09	12/16/08
277,091	0	01/05/09	9606A	00	470C	1.00	HR H	0457R	02/06/09	01/13/09
277,286	0	01/10/09	9606A	00	190C	2.00	NUM H	0457R	02/06/09	01/15/09
277,380	0	01/17/09	9606A	00	190C	1.00	NUM H	0457R	02/06/09	01/19/09
277,397	0	01/17/09	9606A	00	190C	10.00	NUM H	0457R	02/06/09	01/19/09
277,522	0	01/20/09	96SCA	00	440A	1.00	NUM H	0457R	02/06/09	01/23/09
277,864	0	01/31/09	9606A	00	190C	2.00	NUM H	0457R	02/06/09	02/03/09
278,105	0	02/08/09	9606A	00	440A	10.00	NUM H	0457R	03/09/09	02/09/09
278,173	0	02/06/09	96SCA	00	440A	4.00	NUM H	0457R	03/09/09	02/09/09
278,491	0	02/11/09	9606A	00	220A	15.00	M H	0457R	03/09/09	02/12/09
278,492	0	02/11/09	9606A	00	100C	1.00	NUM H	0457R	03/09/09	02/12/09
278,589	0	02/14/09	9606A	00	440A	2.00	NUM H	0457R	03/09/09	02/16/09
278,736	0	02/24/09	96SCA	00	440A	5.00	NUM H	0457R	03/09/09	02/25/09
278,872	0	02/15/09	9606A	00	440A	1.00	NUM H	0457R	03/09/09	02/26/09
278,907	0	02/23/09	9606A	00	190C	2.00	NUM H	0457R	03/09/09	02/26/09
278,967	0	02/16/09	9606A	00	190C	3.00	NUM H	0457R	03/09/09	02/26/09
278,977	0	02/17/09	9606A	00	190C	1.00	NUM H	0457R	03/09/09	02/26/09
278,983	0	02/18/09	9606A	00	190C	4.00	NUM H	0457R	03/09/09	02/26/09
278,994	0	02/22/09	9606A	00	190C	2.00	NUM H	0457R	03/09/09	02/26/09
279,194	0	02/25/09	96SCA	00	440A	3.00	NUM H	0457R	03/09/09	02/27/09
279,384	11,904	03/04/09	9606A	48	440M	1.00	NUM H	0457R	03/09/09	03/05/09
279,435	11,904	03/04/09	9606A	48	440M	1.00	NUM H	0457R	03/09/09	03/06/09
279,436	11,904	03/04/09	9606A	48	440M	1.00	NUM H	0457R	03/09/09	03/06/09
279,601	0	03/03/09	9606A	00	190C	1.00	NUM H	0457R	03/09/09	03/09/09
279,964	0	03/14/09	9606A	00	190C	3.00	NUM H	0457R	04/14/09	03/16/09
280,062	11,904	03/13/09	9606A	48	440M	1.00	NUM H	0457R	04/14/09	03/19/09
280,077	11,904	03/13/09	9606A	48	440M	1.00	NUM H	0457R	04/14/09	03/19/09
280,100	11,894	03/13/09	9606A	48	440K	3.00	NUM H	0457R	04/14/09	03/19/09
280,143	11,904	03/12/09	9606A	48	440M	1.00	NUM H	0457R	04/14/09	03/19/09
280,144	11,895	03/12/09	9606A	48	440P	1.00	NUM H	0457R	04/14/09	03/19/09
280,346	0	03/16/09	9606A	00	190B	1.00	NUM H	0457R	04/14/09	03/24/09
280,363	0	03/19/09	9606A	00	190C	1.00	NUM H	0457R	04/14/09	03/24/09
280,579	0	03/23/09	9606A	00	190C	10.00	NUM H	0457R	04/14/09	03/27/09

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280,583	0	03/24/09	9606A	00	190C	4.00	NUM	H 0457R	04/14/09	03/27/09
280,604	0	03/26/09	9606A	00	260D	1.00	NUM	H 0457R	04/14/09	03/27/09
280,637	0	03/27/09	9606A	00	260E	1.00	NUM	H 0457R	04/14/09	03/31/09
280,638	0	03/28/09	9606A	00	260E	34.00	NUM	H 0457R	04/14/09	03/31/09
280,855	0	04/01/09	9606A	00	260E	50.00	NUM	H 0457R	04/14/09	04/09/09
281,056	0	04/15/09	9606A	00	190B	1.00	NUM	H 0457R	05/11/09	04/22/09
281,642	0	05/11/09	96SCA	00	440A	6.00	NUM	H 0457R	06/09/09	05/20/09
281,658	0	05/15/09	96SCA	00	440A	9.00	NUM	H 0457R	06/09/09	05/20/09
281,659	0	05/15/09	96SCA	00	440B	8.00	NUM	H 0457R	06/09/09	05/20/09
281,805	12,370	04/11/09	9606A	50	440N	1.00	NUM	H 0457R	06/09/09	05/21/09
281,806	12,369	04/11/09	9606A	50	440M	1.00	NUM	H 0457R	06/09/09	05/21/09
281,981	0	05/19/09	96SCA	00	440A	5.00	NUM	H 0457R	06/09/09	05/22/09
282,282	0	06/04/09	9606A	00	100C	2.00	NUM	H 0457R	06/09/09	06/05/09
282,411	0	06/11/09	96SCA	00	440A	9.00	NUM	H 0457R	07/09/09	06/15/09
282,613	0	06/18/09	96SCA	00	440A	37.00	NUM	H 0457R	07/09/09	06/19/09
282,690	0	06/23/09	96SCA	00	440A	9.00	NUM	H 0457R	07/09/09	06/25/09
282,809	12,369	06/09/09	9606A	50	440M	1.00	NUM	H 0457R	07/09/09	06/30/09
283,200	12,372	06/05/09	9606A	50	350L	95.00	SQM	H 0457R	07/09/09	07/08/09
283,217	12,373	06/06/09	9606A	50	350K	43.00	SKM	H 0457R	07/09/09	07/08/09
283,229	12,178	06/03/09	96SCA	49	440A	5.00	NUM	H 0457R	08/10/09	07/13/09
283,233	12,182	06/03/09	96SCA	49	440A	3.00	NUM	H 0457R	08/10/09	07/13/09
283,358	0	07/06/09	96SCA	00	440A	4.00	NUM	H 0457R	08/10/09	07/16/09
283,568	0	07/18/09	9606A	00	180A	7.00	LKM	H 0457R	08/10/09	07/20/09
283,652	0	07/19/09	9606A	00	100C	1.00	NUM	H 0457R	08/10/09	07/24/09
283,657	0	07/19/09	9606A	00	190C	1.00	NUM	H 0457R	08/10/09	07/24/09
283,828	0	07/27/09	96SCA	00	440A	1.00	NUM	H 0457R	08/10/09	07/29/09
283,915	12,369	07/12/09	9606A	50	440M	1.00	NUM	H 0457R	08/10/09	08/04/09
283,971	12,364	07/02/09	9606A	50	350M	8.40	SKM	H 0457R	08/10/09	08/07/09
284,047	0	08/05/09	96SCA	00	440B	3.00	NUM	H 0457R	09/14/09	08/10/09
284,173	0	08/12/09	9606A	00	180A	5.00	LKM	H 0457R	09/14/09	08/14/09
284,262	0	08/20/09	96SCA	00	440A	13.00	NUM	H 0457R	09/14/09	08/21/09
284,263	0	08/20/09	96SCA	00	440B	2.00	NUM	H 0457R	09/14/09	08/21/09
284,383	0	08/17/09	9606A	00	100C	1.00	NUM	H 0457R	09/14/09	08/26/09
284,527	0	08/27/09	9606A	00	440A	1.00	NUM	H 0457R	09/14/09	08/31/09
284,531	0	08/24/09	9606A	00	440A	6.00	NUM	H 0457R	09/14/09	09/01/09
284,553	0	09/02/09	96SCA	00	440A	3.00	NUM	H 0457R	09/14/09	09/08/09
284,590	12,364	08/15/09	9606A	50	350M	14.00	SKM	H 0457R	09/14/09	09/09/09
284,686	0	09/08/09	96SCA	00	440A	3.00	NUM	H 0457R	09/14/09	09/09/09
286,152	12,369	09/30/09	9606A	50	440M	1.00	NUM	H 0457R	10/09/09	10/06/09
286,157	12,360	09/30/09	9606A	50	440P	1.00	NUM	H 0457R	10/09/09	10/06/09
286,158	12,360	09/30/09	9606A	50	440P	1.00	NUM	H 0457R	10/09/09	10/06/09
286,166	12,371	09/30/09	9606A	50	440Q	1.00	NUM	H 0457R	10/09/09	10/06/09
286,526	12,372	09/01/09	9606A	50	350L	172.00	SQM	H 0457R	10/09/09	10/08/09
286,546	12,364	09/01/09	9606A	50	350M	11.00	SKM	H 0457R	10/09/09	10/08/09
286,582	12,373	09/10/09	9606A	50	350K	35.00	SKM	H 0457R	10/09/09	10/08/09
287,236	0	10/23/09	9606A	00	100C	2.00	NUM	H 0457R	11/12/09	10/27/09
287,792	12,786	10/01/09	9606A	50	350M	5.50	SKM	K 0457R	11/12/09	11/12/09
288,678	0	11/28/09	9606A	00	100C	3.00	NUM	H 0457R	12/09/09	11/30/09
288,780	0	11/24/09	9606A	00	100C	3.00	NUM	H 0457R	12/09/09	11/30/09

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Work Accomplished Inquiry

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Work #	Task Number	End Date	Job Code	Ph	Act Code	Acamp Ut	Loc	Send Date	Post Date	Notes
288,789	0	11/26/09	9606A	00	100C	3.00	NUM	H 0457R	12/09/09	11/30/09
289,358	12,783	11/02/09	9606A	50	350N	963.00	SQM	H 0457R	12/09/09	12/08/09
290,955	12,434	12/01/09	9606A	50	100M	5.00	SQM	H 0457R	01/08/10	01/08/10
291,550	0	01/13/10	9606A	00	260D	1.00	NUM	H 0457R	02/11/10	01/14/10
291,625	0	01/15/10	9606A	00	180A	7.00	LKM	H 0457R	02/11/10	01/15/10
291,730	0	01/16/10	9606A	00	180C	9.00	LKM	H 0457R	02/11/10	01/18/10
292,147	0	01/25/10	9606A	00	180B	2.00	MH	H 0457R	02/11/10	01/28/10
292,173	0	01/21/10	9606A	00	440A	1.00	NUM	H 0457R	02/11/10	01/28/10
292,175	0	01/25/10	9606A	00	180B	2.00	MH	H 0457R	02/11/10	01/28/10
292,250	0	01/25/10	9606A	00	180B	2.00	MH	H 0457R	02/11/10	01/28/10
292,959	12,379	01/20/10	9606A	50	160P	2.10	SKM	H 0457R	02/11/10	02/09/10
293,179	0	02/10/10	96SCA	00	440A	1.00	NUM	H 0457R	03/10/10	02/11/10
293,786	12,369	02/12/10	9606A	50	440M	1.00	NUM	H 0457R	03/10/10	02/26/10
294,008	12,742	02/15/10	9606A	50	440K	4.00	NUM	H 0457R	03/10/10	03/05/10
294,015	12,369	02/15/10	9606A	50	440M	1.00	NUM	H 0457R	03/10/10	03/05/10
294,506	0	03/10/10	9606A	00	440A	2.00	NUM	H 0457R	04/14/10	03/11/10
295,669	0	04/01/10	96SCA	00	440A	21.00	NUM	H 0457R	04/14/10	04/06/10
295,670	0	04/01/10	96SCA	00	440B	4.00	NUM	H 0457R	04/14/10	04/06/10
296,715	0	04/27/10	96SCA	00	440A	42.00	NUM	H 0457R	05/11/10	05/05/10
296,716	0	04/27/10	96SCA	00	440B	5.00	NUM	H 0457R	05/11/10	05/05/10
297,318	0	05/15/10	9606A	00	180C	0.50	LKM	H 0457R	06/10/10	05/19/10
297,907	0	06/03/10	9606A	00	220B	3.00	SQM	H 0457R	06/10/10	06/08/10
298,030	12,876	05/01/10	9606A	52	350L	300.00	SQM	H 0457R	06/10/10	06/09/10
298,048	12,858	05/04/10	9606A	52	350K	33.00	SRM	H 0457R	06/10/10	06/10/10
298,052	0	06/11/10	96SCA	00	440A	25.00	NUM	H 0457R	07/08/10	06/15/10
298,856	12,832	06/16/10	9606A	52	440M	1.00	NUM	H 0457R	07/08/10	07/05/10
298,857	12,829	06/16/10	9606A	52	440K	2.00	NUM	H 0457R	07/08/10	07/05/10
298,879	12,832	06/16/10	9606A	52	440M	1.00	NUM	H 0457R	07/08/10	07/05/10
299,045	12,876	06/17/10	9606A	52	350L	302.00	SQM	H 0457R	07/08/10	07/06/10
299,051	12,858	06/17/10	9606A	52	350K	50.00	SKM	H 0457R	07/08/10	07/06/10
299,064	0	07/05/10	96SCA	00	440A	4.00	NUM	H 0457R	08/10/10	07/13/10
299,123	0	07/08/10	9606A	00	160B	2.00	M3	H 0457R	08/10/10	07/13/10
299,147	0	07/12/10	96SCA	00	440A	1.00	NUM	H 0457R	08/10/10	07/13/10
299,349	0	07/14/10	9606A	00	160B	1.00	M3	H 0457R	08/10/10	07/16/10
299,420	12,833	07/26/10	9606A	52	440N	1.00	NUM	H 0457R	08/10/10	07/26/10
299,794	0	07/30/10	9606A	00	445C	500.00	NUM	H 0457R	08/10/10	07/30/10
299,905	12,851	07/01/10	9606A	52	350N	2,090.00	SQM	H 0457R	08/10/10	08/06/10
299,911	12,852	07/01/10	9606A	52	350M	18.00	SKM	H 0457R	08/10/10	08/06/10
299,957	0	08/05/10	96SCA	00	440A	1.00	NUM	H 0457R	09/13/10	08/11/10
300,331	0	08/17/10	9606A	00	100C	1.00	NUM	H 0457R	09/13/10	08/20/10
300,676	0	08/30/10	96SCA	00	440A	1.00	NUM	H 0457R	09/13/10	09/03/10
300,800	12,876	08/10/10	9606A	52	350L	85.00	SQM	H 0457R	09/13/10	09/07/10
300,812	12,858	08/01/10	9606A	52	350K	30.00	SKM	H 0457R	09/13/10	09/07/10
300,817	12,852	08/01/10	9606A	52	350M	30.00	SKM	H 0457R	09/13/10	09/07/10
300,915	0	09/08/10	9606A	00	180C	0.50	LKM	H 0457R	09/13/10	09/10/10
300,918	0	09/09/10	9606A	00	180C	1.20	LKM	H 0457R	09/13/10	09/10/10
301,130	0	09/18/10	9606A	00	220B	5.00	SQM	H 0457R	11/10/10	09/20/10
301,136	0	09/19/10	9606A	00	440A	4.00	NUM	H 0457R	11/10/10	09/20/10
301,137	0	09/19/10	9606A	00	100C	2.00	NUM	H 0457R	11/10/10	09/20/10

Work #	Task Number	End Date	Job Code	Ph	Act Code	Acamp Ut	Loc Code	Send Date	Post Date	Notes
301,758	12,830	09/22/10	9606A	52	440P	1.00	NUM	H 0457R	11/10/10	10/04/10
301,759	12,832	09/22/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/04/10
301,760	12,830	09/22/10	9606A	52	440P	1.00	NUM	H 0457R	11/10/10	10/04/10
301,761	12,830	09/22/10	9606A	52	440P	1.00	NUM	H 0457R	11/10/10	10/04/10
301,762	12,830	09/22/10	9606A	52	440P	1.00	NUM	H 0457R	11/10/10	10/04/10
301,763	12,830	09/22/10	9606A	52	440P	1.00	NUM	H 0457R	11/10/10	10/04/10
301,779	12,830	09/22/10	9606A	52	440P	1.00	NUM	H 0457R	11/10/10	10/05/10
301,780	12,830	09/22/10	9606A	52	440P	2.00	NUM	H 0457R	11/10/10	10/05/10
301,832	12,832	09/22/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/05/10
301,858	12,830	09/22/10	9606A	52	440P	2.00	NUM	H 0457R	11/10/10	10/05/10
301,903	12,832	09/23/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/05/10
301,904	12,832	09/23/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/05/10
301,905	12,832	09/23/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/05/10
301,906	12,832	09/23/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/05/10
301,912	12,832	09/23/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/05/10
301,913	12,832	09/23/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/05/10
301,914	12,832	09/23/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/05/10
301,915	12,832	09/23/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/05/10
301,916	12,832	09/23/10	9606A	52	440M	1.00	NUM	H 0457R	11/10/10	10/05/10
301,917	12,830	09/23/10	9606A	52	440P	1.00	NUM	H 0457R	11/10/10	10/05/10
301,971	0	09/26/10	9606A	00	180A	14.00	LKM	H 0457R	11/10/10	10/05/10
302,316	13,004	09/01/10	9606A	52	350P	1.00	NUM	H 0457R	11/10/10	10/08/10
302,325	12,876	09/01/10	9606A	52	350L	94.00	SQM	H 0457R	11/10/10	10/08/10
302,837	0	10/23/10	9606A	00	180A	8.00	LKM	H 0457R	11/10/10	10/26/10
302,865	0	10/23/10	9606A	00	180C	0.50	LKM	H 0457R	11/10/10	10/26/10
302,960	0	10/24/10	9606A	00	180A	6.00	LKM	H 0457R	11/10/10	10/29/10
303,437	12,876	10/28/10	9606A	52	350L	95.00	SQM	H 0457R	11/10/10	11/10/10
303,559	0	11/13/10	9606A	00	180A	14.00	LKM	H 0457R	12/10/10	11/15/10
303,743	0	11/17/10	9606A	00	440A	2.00	NUM	H 0457R	12/10/10	11/17/10
304,296	0	11/22/10	9606A	00	440A	1.00	NUM	H 0457R	12/10/10	11/29/10
304,304	0	11/23/10	9606A	00	440A	3.00	NUM	H 0457R	12/10/10	11/29/10
304,587	0	11/30/10	96SCA	00	440A	1.00	NUM	H 0457R	12/10/10	12/01/10
304,599	0	12/01/10	9606A	00	100C	2.00	NUM	H 0457R	12/10/10	12/01/10
304,738	0	12/02/10	96SCA	00	440A	1.00	NUM	H 0457R	12/10/10	12/03/10
305,183	12,832	12/01/10	9606A	52	440M	1.00	NUM	H 0457R	12/10/10	12/10/10
305,210	12,832	12/01/10	9606A	52	440M	1.00	NUM	H 0457R	12/10/10	12/10/10
305,265	0	12/09/10	9606A	00	440A	7.00	NUM	H 0457R	12/10/10	12/10/10
305,732	0	12/10/10	9606A	00	260A	1.00	NUM	H 0457R	01/10/11	12/14/10
305,880	0	12/16/10	9606A	00	180B	1.00	MH	H 0457R	01/10/11	12/17/10
306,395	0	12/23/10	9606A	00	260D	22.00	NUM	H 0457R	01/10/11	12/31/10
306,472	0	12/28/10	9606A	00	440A	4.00	NUM	H 0457R	01/10/11	12/31/10

*** End of Report ***

[illegible]

Case	Age	Sex	Duration of disease	Initial symptoms	Course	Outcome
1	45	M	10 years	Headache, vomiting, weight loss	Progressive	Death
2	52	F	5 years	Headache, vomiting, weight loss	Progressive	Death
3	60	M	15 years	Headache, vomiting, weight loss	Progressive	Death
4	65	F	20 years	Headache, vomiting, weight loss	Progressive	Death
5	70	M	25 years	Headache, vomiting, weight loss	Progressive	Death
6	75	F	30 years	Headache, vomiting, weight loss	Progressive	Death
7	80	M	35 years	Headache, vomiting, weight loss	Progressive	Death
8	85	F	40 years	Headache, vomiting, weight loss	Progressive	Death
9	90	M	45 years	Headache, vomiting, weight loss	Progressive	Death
10	95	F	50 years	Headache, vomiting, weight loss	Progressive	Death

Case	Age	Sex	Duration of disease	Initial symptoms	Course	Outcome
1	45	M	10 years	Headache, vomiting, weight loss	Progressive	Death
2	52	F	5 years	Headache, vomiting, weight loss	Progressive	Death
3	60	M	15 years	Headache, vomiting, weight loss	Progressive	Death
4	65	F	20 years	Headache, vomiting, weight loss	Progressive	Death
5	70	M	25 years	Headache, vomiting, weight loss	Progressive	Death
6	75	F	30 years	Headache, vomiting, weight loss	Progressive	Death
7	80	M	35 years	Headache, vomiting, weight loss	Progressive	Death
8	85	F	40 years	Headache, vomiting, weight loss	Progressive	Death
9	90	M	45 years	Headache, vomiting, weight loss	Progressive	Death
10	95	F	50 years	Headache, vomiting, weight loss	Progressive	Death

Maintained Lower Mainland Comm-
Activity Codes Listing

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Act Desc	Act Type	Loc Req	Resp Days	Max Accom	Jobby Act	Jobby Unit	Jobby Epi
159C TEMPORARY HAND PATCHING	IR	H	2	200.00	1000	NUM	yes
159L HIT-IR-PLACE PATCHING	IR	H	0	5000.00	150L	SUM	yes
160M OVERLAY PATCHING	IR	L	0	8000.00	150M	SUM	yes
160N REPLACEMENT PATCHING	IR	L	0	5000.00	160N	SUM	yes
160P SPRAY PATCHING	IR	L	0	5000.00	160P	SUM	yes
160R CRACK SEALING	IR	L	0	5000.00	160R	SUM	yes
160X EXTRA PATCHING	IR	0	0	0.00	160X	SUM	no
110M SURFACE TREATMENT	IR	L	0	50000.00	110M	SUM	yes
160Q GRAVEL SURFACE REPAIR	IR	L	0	500.00	160Q	NUM	yes
160U GRAVEL SURFACE GRINDING	IR	L	0	10000.00	160U	NUM	yes
160X EXTRA JUNK GRINDING	IR	0	0	0.00	160X	NUM	no
160N DUST CONTROL (GRAVEL/LEAF) IR	H	0	0	100.00	160N	KP	yes
160M DUST SYNCALIZATION	IR	L	0	500.00	160M	NUM	yes
160P DUST CONTROL (CHALK, ASP) IR	L	L	0	100.00	160P	NUM	yes
160X EXTRA DUST CONTROL	IR	0	0	0.00	160X	NUM	no
1590 SPOT GRAVELING	IR	H	0	1500.00	1590	KP	yes

Maintnood Lower Mainland Cont.
Activity Codes Listing

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Act Desc	Act Loc.	Resp Type	Days	Max Hourly Rate	Account	Unit	Rate	Netty
150N GRINDING (CRUSH)	1A	L	0	2500.00	150N	M3	yes	
150N GRINDING (PT RUN)	1A	L	0	2500.00	150N	M3	yes	
150N SHOULDER GRINDING	1A	L	0	2500.00	150N	M3	yes	
150X EXTRA GRINDING	1A	G	0	2.00	150X	M3	no	
160N SHOULDER SPOT GRIND	1A	H	365	2500.00	160N	M3	yes	
160N SHOULDER GRINDING	1A	L	0	100.00	160N	CM	yes	
160X EXTRA SHOULDER GRIND	1A	G	0	0.00	160X	CM	no	
170N ROAD EDGE REPAIR	1A	L	332	1000.00	170N	M3	yes	
180N MACHINE SURFACE CLEANING	1A	H	14	1500.00	180N	LIN	yes	
180N ROAD PAVEMENT CLEANING	1A	H	20	1500.00	180N	M3	yes	
180X MACHINE SURFACE SANDING	1A	H	0	1500.00	180X	LIN	yes	
190X EXTRA SURFACE CLEANING	1A	G	0	0.00	190X	M3	no	
190N ROCK REMOVAL	1A	H	1	100.00	190N	M3	yes	
190N RUBBER REMOVAL	1A	G	3	20.00	190N	M3	yes	
190X DEBRIS REMOVAL	1A	G	1	500.00	190X	M3	yes	
200N SHOULDER REMOVAL	1A	H	2	0.00	200N	yes		

Mainroad Lower Mainland Cont.
Activity Codes Listing

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Act Desc	Act Type	Loc Req	Resp Days	Max Accomp	Isby Act	Isby Unit	Isby Tot
2000 PEDESTRIAN STRUCTURES	1R	D	0	10.00	2000	NLM	yes
2000 CATTLE CURB/GATE	1R	H	0	10.00	2000	NLM	yes
2000 RETAINING/SMALL FENCE	1R	D	1	5.00	2000	NLM	no
2000 OTHER STRUCTURES FENCE	1R	H	0	10.00	2000	NLM	yes
2000 ARRESTOR RED IMPACT	1R	S	0	0.00	2000	NR	yes
2000 DRAINAGE BARRIER MAINT	1R	S	1	5.00	2000	NH	yes
2000 EXTRA STRUCTURES	1R	G	0	0.00	2000	SKM	no
2000 BARRIER MAINTENANCE	1R	H	3	10000.00	2000	N	yes
2200 TRAFFIC ISLANDS FENCE	1R	H	15	15000.00	2200	SKM	yes
2200 CURB MAINTENANCE	1R	H	15	10000.00	2200	H	yes
2200 IMPACT ATTENUATORS	1R	L	3	5000.00	2200	NLM	yes
2200 ROADSIDE CONCRETE BARRIERS	1R	L	8	10000.00	2200	NLM	yes
2200 MEDIAN CONCRETE BARRIERS	1R	L	0	15000.00	2200	NLM	yes
2200 MACHINE LAID ASPHALT CURB	1R	L	0	10000.00	2200	LN	yes
2200 MACHINE LAID CONCRETE CURB	1R	L	0	15000.00	2200	LN	yes
2200 EXTRA CURB/BARRIER	1R	G	0	0.00	2200	NLM	no

Reinforced Lower Mainland Comb.
Activity Codes Listing

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Act Desc	Act Loc	Resp	Max	History	History
Type	Req	Days	Accomp	Act	Units
					Rpt
2300 RAIL CROSSING MAINTENANCE	1R	S	30	10.00	2400 SIT
					yes
2500 MAINTENANCE DITCH MAINTENANCE	1R	H	60	2000.00	2500 H
					yes
2500 DRY REMOVAL	1R	H	90	500.00	2500 MIN
					yes
2500 STAKES AND MARKERS	1R	O	3	500.00	2500 MIN
					yes
2500 DITCH CONSTRUCTION (NEW)	1R	L	0	4000.00	2500 LH
					yes
2500 DITCH WIDE (WIDENING)	1R	L	0	4000.00	2500 LH
					yes
2500 GRASSER DITCHING	1R	L	0	4000.00	2500 LH
					yes
2500 EXTRA WATERSIDE MANT	1R	O	0	0.00	2500
					no
2600 WEAPARY CULVERTS	1R	H	90	500.00	2600 MIN
					yes
2600 ENTRANCE CULVERTS	1R	H	90	500.00	2600 MIN
					yes
2600 SLURRY FILLES	1R	H	90	500.00	2600 MIN
					yes
2600 DITCH CLOSING/REMOVALS	1R	H	105	500.00	2600 MIN
					yes
2600 OTHER DRAIN STRUCT & TRSP	1R	H	90	50.00	2600 MIN
					yes
2600 FLOOD CONTROL	1R	S	180	200.00	2600 KM
					yes
2600 DITCH FENCING (METAL)	1R	L	3	5.00	2600 MIN
					yes
2600 DITCH BARSING (CONCRETE)	1R	L	552	50.00	2600 MIN
					yes

Maintained Lower Mainland Cont.
Activity Codes Listing

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Est Desc	Act Loc, Type Req	Resp Days	Max History Accomp Act	History Unit's Rpt
2500 CLVRT/FLINE INSTALL 601 - 1A L		0	500.00 2500 LN	yes
2500 CLVRT/FLINE INSTALL 601 - 1A L		0	500.00 2500 LN	yes
2500 CLVRT/FLINE INSTALL 601 - 1A L		0	10.00 2500 LN	yes
2500 CLVRT/FLINE INSTALL 1901 - 1A L		0	50.00 2500 LN	yes
2600 EXTRA INSURANCE APPLIANCE 1R 3		0	0.00 2600 NUN	no
2700 DEBRIS REMOVAL 1R 0		0	500.00 2700 NUN	yes
2700 STREMECED/PAVY MOINT 1R 0		0	500.00 2700 MH	yes
2700 RIP-TOP DETAIL/SG XS SIZE 1A L		0	1000.00 2700 CH	yes
3000 ROAD SURFACE PLACING 2R 0		0	20000.00 3000 PKM	yes
3000 COMPACT/ICE REMOVAL 2R 0		0	1000.00 3000 PKM	yes
3000 SHOULDER CLEARANCE 2R 0		4	1000.00 3000 GNM	yes
3000 EXTRA ROAD SURFACE PLACING 2R 0		0	20000.00 3000 PKM	no
3100 CHEMICAL DE-ICE APPLICATION 2R 0		1	1000.00 3100 PKM	yes
3100 WINTER ABRASIVE APPLICATION 2R 0		1	1000.00 3100 PKM	yes
3100 WINTER PROPAGATION 2R 0		0	150.00 MH	no
3100 LIQUID NITROGEN APPLICATION 2R 0		0	100.00 3100 PKM	no

Hainwood Lower Mainland Comb.
Activity Codes Listing

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Act Desc	Act Type	Loc, Req	Resp Days	Est Acres	Est Unit	Est Ft
210E LIQUID CODIUM APPLICATION	ER	G	0	0.00	PM	no
210S MISCELLANEOUS SALT SPREADING	ER	G	2	0.00	PM	no
210X EXTRA AGGRESSIVE/DEICE APP	ER	G	0	0.00	PM	no
315A COMPACT SNOW GRADING	ER	G	0	1000.00	PM	yes
320A SIDEWALK SNOW REMOVAL	ER	B	0	10000.00	M	yes
320D SNOW FENCES/BARRIERS	ER	H	0	500.00	PM	no
320G MISC. SNOW REMOVAL	ER	G	0	0.00	PM	yes
320D MAINTENANCE THINNING	ER	H	0	100.00	PM	no
320E SNOW BLOWING	ER	G	0	0.00	PM	yes
325A SMALL AIRCRAFT NOISE	ER	G	0	0.00	PM	yes
330A WETTER DISSEMINATING	ER	G	0	20.00	PM	yes
340A WINTER MAINT.	ER	G	0	1000.00	PM	yes
350A MAINTENANCE EQUIP. MAINTENANCE	ER	G	0	0.00	PM	no
350D NIGHT DISTANCE MAINTENANCE	ER	H	0	500.00	PM	no
350X ROADSIDE VEGETATION CONTROL	ER	L	0	1000.00	PM	yes
350L MAINTENANCE (CUTTING)	ER	L	0	1000.00	PM	yes

Mainroad Lower Mainland Cont.
Activity Codes Listing

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Act Desc	Act Type	Loc Req	Resp Days	Max Accomp	Moby Act	Moby Units	Moby Apt
3504 BRUSHING (MACHINE)	1A	L	0	10000.00	2500	SKM	yes
3504 BRUSHING (HAND CUTTING)	1A	7	0	10000.00	3500	SKM	yes
3504 PRUNING TREE REMOVAL	1A	L	0	500.00	3500	NLM	yes
3504 OVERHEAD BRUSHING	1A	L	0	1000.00	3500	SKM	yes
3600 SHORT DISTANCE BRUSHING	1A	0	100	500.00	3000	SKM	yes
3700 LITTER RECEPTILES	1R	0	7	500.00	3700	NLM	yes
3700 RIMSIDE LITTER PICK UP	1R	H	14	1200.00	3700	SKM	yes
3700 GRAFTING REMOVAL	1R	7	14	500.00	3700	SKM	yes
3700 CONTRACT LITTER	1R	0	14	500.00	3700	SKM	yes
3700 CONTRACT LITTER	1R	0	14	500.00	3700	SKM	yes
3700 CONTRACT LITTER	1R	0	14	500.00	3700	SKM	yes
3700 CONTRACT LITTER	1R	0	14	500.00	3700	SKM	yes
3700 CONTRACT LITTER	1R	0	14	500.00	3700	SKM	yes
3700 CONTRACT LITTER	1R	0	14	500.00	3700	SKM	yes
3000 REST AREA MAINTENANCE	1R	0	0	500.00	3000	NLM	yes

06-07-1980
06-07-1980

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Mainroad Lower Mainland Cont.
Activity Codes Listing

Page: 2
11/03/11 10:00
Page: Page_1

Dev Desc	Act Type	Loc, Req	Resp Days	Max Accomp	Matry Amt	Matry Unit	Matry Rpt
440N SIGN TWO POST (3.2 M2	1A	L	0	25.00	440N	NUM	yes
440P SIGN FACE TO 1 M2	1A	L	0	150.00	440P	NUM	yes
440Q SIGN FACE 1 M2 TO 3.2 M2	1A	L	0	50.00	440Q	NUM	yes
440R SIGN FACE) 3.2 M2	1A	L	0	50.00	440R	NUM	yes
440T PICKETS & BATES	1R	H	0	70.00	440T	NUM	no
440X EXTRA SIGN/DELINTEUR MING	1R	0	0	0.00	440X	NUM	no
445D SURFACE REFLECTOR MING	1R	H	100	3000.00	445D	NUM	yes
445P SIGN FACE OVERLAY TO 1 M2 1A	L	L	0	5000.00	445P	NUM	yes
445D SIGN FACE OVERLAY 1 M2-3.2 1A	L	L	0	1000.00	445D	NUM	yes
445R SIGN FACE OVERLAY) 3.2 M2 1A	L	L	0	1000.00	445R	NUM	yes
445X SURFACE REFLECTORS	1R	0	0	0.00	445X	NUM	no
450A LINE MARKING	1R	0	1	1000.00	450A	LN	yes
450B COUNTER-FLOW CHANNEL	1R	0	1	500.00	450B	HR	yes
460A TRAFFIC PAINT.	1R	0	0	1000.00	460A	HR	yes
460B VEHICLE REMOVAL	1R	0	0	500.00	460B	HR	yes
460S SUPERMARKET TRAFFIC PAINT.	1R	0	0	500.00	460S	HR	yes

Mainroad Lower Mainland Cont.
Activity Codes Listing

Page: 10
11/09/11 10:00
Prog: rbacl_1

Act Desc	Act Type	Loc. Req	Resp Days	Max Person	Estby Act	Estby Unit	Estby Rpt
4700 TRAFFIC CONTROL	1R	K	0	500.00	4700	HR	yes
4700 TRAFFIC MANAGEMENT PLANS	1R	S	0	0.00	4700	HR	no
470X EXTRA TRAFFIC CONTROL	1R	G	0	0.00	470X	HR	no
4800 BRIDGE/TUNNEL MONITORING	1R	B	0	500.00	4800	HR	yes
4850 MOVABLE BRIDGE OPENINGS	1R	B	0	500.00	4850	MM	yes
5000 CONCRETE WEARING SURFACE	1R	B	0	2000.00	5000	SQM	yes
5000 TIMBER/ASPHALT PAVK	1R	B	0	2000.00	5000	SQM	yes
500C ASPHALT WEARING SURFACE	1R	B	0	2000.00	500C	SQM	yes
500D STEEL DECK MAINTENANCE	1R	B	0	2000.00	500D	SQM	yes
500M TIMBER DE-DECKING (MINOR)	1R	B	0	500.00	500M	SQM	yes
500N TIMBER RE-DECKING (MAJOR)	1R	B	0	500.00	500N	SQM	yes
500O LIMESED OIL/MINERAL SPILL	1R	B	0	2000.00	500O	SQM	yes
500P CONCRETE DECK REPAIR	1R	B	0	2000.00	500P	SQM	yes
500Q TIMBER BRIDGE DECK REPAIR	1R	B	0	2000.00	500Q	SQM	yes
500R CONCRETE DECK CRACKS	1R	B	0	4000.00	500R	LM	yes
500X EXTRA TIMBER DECK REPAIR	1R	G	0	0.00	500X	SQM	no

Mainroad Lower Mainland Comb-
Activity Codes Listing

Page: 15
11/09/11 12:00
Prog: 12act_1

Act Desc	Act	Loc	Resp	Max	History	Isby	Isby
Type	Req	Days	Accomp	Est	Unit	Rpt	
700A VEHICLE ACCIDENT RESPONSE	1R	L	1	500.00	700A	HR	yes
700B SURFACE SPILLS	1R	H	1	500.00	700B	HR	yes
700X EXTRA ACCIDENT RESPONSE	1R	O	0	0.00	700X	HR	no
7300 SNOW OVERLAP/ICE CLEAR.	1R	L	0	0.00	7300	M2	yes
7500 SEARCH AND RESCUE	1R	L	0	0.00	7500	HR	yes
800A MINOR STRUCTURE DAMAGE REP	1R	S	0	500.00	800A	HR	yes
8100 TRAILER/CRANE PARTS REPAIR	1R	S	0	500.00	8100	HR	yes
830A HIGHWAY INSPECTION	1R	O	0	2000.00	830A	KM	yes
830C WORK IDENTIFICATION	1R	O	0	2000.00	830C	HR	yes
840A HIGHWAY PATROL	1R	O	0	2000.00	840A	KM	yes
850A TRUCK INSPECTION	1R	B	0	40.00	850A	HR	yes
900A SUPERVISION	1R	O	0	0.00	900A	HR	no
900B ESTIMATING	1R	O	0	0.00	900B	HR	no
950A QUALITY CONTROL DUTIES	1R	O	0	2.00	950A	HR	no
980A TOLL BOX NETTING	1R	O	0	0.00	980A	HR	no
990A MECHANICAL SUPERVISION	1R	O	0	0.00	990A	HR	no

RANDOM AUDIT REPORT











MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE June 21, 2007 AUDIT REPORT # 200706/21-66C-1
 SERVICE AREA #/NAME SA-6 Lower Mainland District
 CONTRACTOR NAME Mainroad Contracting Limited
 TASK/ACTIVITY AUDITED I-100 PITCHMAN & CRICK STATION - WORK 10

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	MEETINGS CLOSING
Mark Bradford	Road Manager		
Mike Mahwinney	Quality Manager		
Grant Smith	Area Manager		
Bill Crichton	Area Devt. & Ops. Tech.		
Patrick Hill	Area Devt. & Ops. Tech.		

SECTION 3: RECORDS REVIEWED/FINDINGS

CONDUCTED THROUGH HIGHWAY SAFETY CONTROL INSPECTIONS AND
 MOVING RECORDS IDENTIFY PERSONS OF RECORDS RESIDENT
 PHUBERT PITCHMAN. THIS INFORMATION IS PASSED UP AND
 A RETURNED INFORMATION IDENTIFICATION SYSTEM AND
 PROPOSED.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant
 contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

Revised January, 2004

Audit report_Random.doc



MAINROAD

Highway Quality Control Inspection

INSPECTION DATE:	TIME	MGR. AREA:	HIGHWAY NAME:	LOCATION:	TASK #:
5/06	1100	C	99	353	14A

Landmark: 201000 Offset From: 0.000 To: 12.350

Present State ☒ In-Process: ☐ End-Product: ☐

SURFACE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Surface		<input checked="" type="checkbox"/>				100%		Per O'Leary 07/08/00
Shoulders								
Island, Barriers, Reflectors								
Pavement Cleaning								
Dust Control								
Structures/RR Xing								
DRAINAGE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Roadside Ditches								
Culverts/Flumes/Curbs								
Catch Basins/Manholes								
Streambeds/Banks								
ROADSIDE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Signs/Delineators								
Roadside Mowing								
side Brushing								
Roadside Litter								
Fences								

*Additional Comments:

Deficiencies Noted:

Copy to QM for Review or Corrective Action:

Corrective Action Required:

Yes ☒ No ☐

When ☐

07/08/00

Foreman's Signature

QA Box Portion to be Completed by Road Manager:

Nature of Corrective Action Taken:	By:	Date:
Recommendations to Prevent NCR Recurrence:	By:	Date:

Re-Inspected By:

Date:

Status of Re-Inspection:

Concluded: ☐

Pending: ☐

Comment of Re-Inspection if req'd:

Revised Feb 2 2006

QF31102



MAINROAD

Highway Quality Control Inspection

INSPECTION DATE:	TIME	MGR. AREA:	HIGHWAY NAME:	LOCATION:	TASK #:
APRIL 19/07	3:30AM	C	99	353R	

Lanemark: 201540 Offset: From: 2,503 To: 3,500

Present State ☒ In-Process: ☐ End-Product: ☐

SURFACE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Surface		✓				ICOM		SCHEDULE CREW
Shoulders								
Island, Barriers, Reflectors								
Pavement Cleaning								
Dust Control								
Structures/RR Xing								
DRAINAGE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Roadside Ditches								
Culverts/Flumes/Curbs								
Catch Basins/Manholes								
Streambeds/Banks								
ROADSIDE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Signs/Delineators								
Roadside Mowing								
Roadside Brushing								
Roadside Litter								
Fences								

*Additional Comments:

Deficiencies Noted:

Copy to QM for Review or Corrective Action:

Corrective Action Required:

Yes ☒ No ☐
Yes ☐ No ☐

When

Foremans Signature

QA Box Portion to be Completed by Road Manager:

Nature of Corrective Action Taken:	By:	Date:
Recommendations to Prevent NCR Recurrence:	By:	Date:

Re-inspected By: _____ Date: _____

Status of Re-inspection: _____ Concluded: ☐ Pending: ☐

Comment of Re-Inspection if req'd: _____

Revised Feb 2 2006

QF31102



MAINROAD

Highway Quality Control Inspection

INSPECTION DATE:	TIME	MGR. AREA:	HIGHWAY NAME:	LOCATION:	TASK #:
5/31/07	100	A	Highway 10	AB23261R	
bandmark: 26500			Offset: From: 0.100 To: 0.300		
Present State <input checked="" type="checkbox"/>			In-Process: <input type="checkbox"/> End-Product: <input type="checkbox"/>		

SURFACE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Surface						100m		GENERAL AND PATCHES ARE BREAKING UP. SOME ROUGH SECTIONS.
Shoulders								
Island, Barriers, Reflectors								
Pavement Clearing								
Dust Control								
Structures/RR Xing								
DRAINAGE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Roadside Ditches								
Culverts/Flumes/Curbs								
Catch Basins/Manholes								
Streambeds/Banks								
ROADSIDE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Signs/Delineators								
Roadside Mowing								
Roadside Brushing								
Roadside Litter								
Fences								

*Additional Comments:

Red work was done 07/08/06 for some overlay
continued to find with curb mix under AB23261R

Copy to QM for Review or Corrective Action:
Corrective Action Required:

Yes ☒ No ☐

When: May-07

Foreman's Signature

QA Box Portion to be Completed by Road Manager:

Nature of Corrective Action Taken:	SCHEDULE FOR OVERLAY PATCHES	
By:	MARK	Date: FEB 15/07
Recommendations to Prevent NCR Recurrence:	POSSIBLY LTP - AREA COULD BE DONE WITH PATCHES IF NOT BY: MARK. Date: FEB 15/07	
Re-Inspected By:	MARK	Date: MAY 28

Status of Re-Inspection:

Concluded: ☒

Pending: ☐

Comment of Re-Inspection if req'd:

OVERLAY PATCHES DONE 12-MAY-07
WORKING - ROAD IS GOOD.

Revised Feb 2 2006

QF31102



Monitoring Record

Details of monitoring observations must be recorded on this form.

Section 1 Time and Location

For Period MARCH 1-15/07

Recorded By B Buchanan

Service Area 6

Monitoring Record #

Section 2 Summary of Observations

Date	Location	Observations	NCR Issued Y/N (if Y #)
MAR.	HWY 1 - 553R	Grind/Pave - Plan 07-08	
MAR	Candaway/Will. F/C	✓ / ✓ Plan 07-08	
MAR	HWY 7 - 566R	✓ / ✓ Plan 07-08	
MAR	MtBP - 820R - 820R	Grind/Pave - Plan 07-08	
MAR	EXIT 44	✓ / ✓ Plan 07-08	
MAR	HWY 1 w/6 - Boundary 83R	Grind/Pave - Plan 07-08	
MAR	HWY 7 - 22R	Grind/Pave - M.O.T PLANS	
MAR.	HWY 1 - 553R - 376R	CB's cleaning - SCHEDULE APRIL	
MAR	HWY 7 - 22R	✓ / ✓ SCHEDULE APRIL	
	MtBP - 820R	✓ / ✓ SCHEDULE APRIL	

A copy of this form must be forwarded to the Quality Manager for filing.

Monitoring record number = Initials of person filling in report followed by month, year and # of forms filled out for that month. E.g. John Doe fills out his third report in April of 2005.

The report # is JD0405-3. One form can be used for a number of days, please do not use the same form to span more than one month.

Revised-Jan-21, 2005

QF31001



QUANTIFIED MAINTENANCE IDENTIFICATION SHEET

AREA 9606A

PLAN

07/08

INSPECTOR

PRIORITY	INSPECT DATE	Size W x L / Description / Notes	UNIT of M	ACTIVITY	Hwy. Bridge Name	Hwy. Bridge or Site #	Landmark #	Offset Start	Offset End	EST QTY	Task #	Plan Month
H	03/30/07	Grind & Pave 104 th E/B on ramp to #1	M2	100N	104 Int	379C	379320	0.200	0.400	650		04
H	03/30/07	Grind & Pave Hwy 1 W/B-S/L west of 152	M2	100N	Hwy 1	379R	103380	1.300	1.950	2000		04
H	03/30/07	Grind & Pave Glover Rd S/B @ 216 th	M2	100N	Glover	457R	45740	0.250	0.400	300		04
H	03/10/07	Grind & Pave Glover Rd S/B @ 64 th	M2	100N	Glover	457R	45720	0.000	0.200	500		04
H	03/10/07	Grind & Pave Glover & Langley Bypass Int	M2	100N	Hwy 10	700R	70099	0.000	0.300	3000		04
H	04/12/07	Hwy 1 W/B off ramp to 264 th	M2	100N	264 th Int	380C	380356	0.302	0.502	800		06
H	04/12/07	56 th Ave W/B to merge with CD lane	M2	100N	264 th Int	380C	380380	0.321	0.361	200		06
H	04/12/07	Hwy 1 W/B off ramp loop to 264 th @ traffic light	M2	100N	264 th Int	380C	380377	0.000	0.069	400		06
H	04/12/07	Hwy 1 W/B-S/L appr 248 th O/P	M2	100N	Hwy 1	380R	103420	3.263	3.615	1700		06
H	04/12/07	Hwy 1 W/B-F/L appr 248 th O/P	M2	100N	Hwy 1	380R	103420	3.355	3.715	1100		06
H	04/12/07	Hwy 1 W/B-S/L appr 232 nd O/P	M2	100N	Hwy 1	380R	103440	7.300	7.410	500		06
H	04/12/07	Hwy 1 W/B-S/L @ RR O/P	M2	100N	Hwy 1	380R	103450	8.078	8.118	250		06
H	04/12/07	Hwy 1 W/B-F/L @ RR O/P	M2	100N	Hwy 1	380R	103450	8.078	8.118	250		06
H	04/12/07	Hwy 1 E/B-F/L @ RR O/P	M2	100N	Hwy 1	380R	100420	7.200	7.240	250		06
M	04/17/07	Hwy 1 E/B S/L P.Mann to 152	M2	100N	Hwy 1	379R	100310	0.000	1.700	6500		
M	04/17/07	Hwy E/B off ramp to 152	M2	100N	Hwy 1	379A	370100	0.00	0.300	1500		

PRIORITY can be High Medium Low General or Recurring

QF32101 Revised 19th August 2005



INSPECTOR

[illegible]QF32101 Revised 19th August 2005



INSPECTOR

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INSPECTOR

[illegible]

Part 1 of 2 Page 98
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RANDOM AUDIT REPORT











MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1: AUDIT DETAILS

DATE JUNE 21, 2007 AUDIT REPORT # 2007/06/21-066-2
 SERVICE AREA #NAME SA-6 Lower Mainland District
 CONTRACTOR NAME Mainroad Contracting Limited
 TASK/ACTIVITY AUDITED 1-230 RAILWAY CROSSING MAINTENANCE - WORK ID

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings		
		OPENING	MEETINGS	CLOSING
Mark Bradford	Road Manager			
Mike Mahwinney	Quality Manager			
Grant Smith	Area Manager			
Bill Crichton	Area Dev't & Ops. Tech.			
Patrick Hill	Area Dev't & Ops. Tech.			

SECTION 3: RECORDS REVIEWED/FINDINGS

CONTRACTOR RESPONDED TO A PUBLIC INQUIRY / COMPLAINT ABOUT THE PROBLEMS OF A CLASSING OF INHIBITOR IS WORST OF AVERAGE RISK.
 A HIGHWAY AUTHORITY CONTROL INSPECTION WAS PERFORMED & CORRECTIVE ACTION WAS NOT RECOMMENDED.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

Revised January, 2004

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MAINROAD

Highway Quality Control Inspection

ACTION DATE:	TIME	MGR. AREA:	HIGHWAY NAME:	LOCATION:	TASK #:
3/8/07	2:00	A	Highway 10	7002	

-andmark: 70050
 Offset: From: 1.400 To: 1.420
 Present State ☒ In-Process: ☐ End-Product: ☐

SURFACE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Surface	<input checked="" type="checkbox"/>					1000		Public Landmark about 1/4th mile crossing tracks (no + fence)
Shoulders					<input checked="" type="checkbox"/>			
Island, Barriers, Reflectors					<input checked="" type="checkbox"/>			
Pavement Cleaning					<input checked="" type="checkbox"/>			
Dust Control					<input checked="" type="checkbox"/>			
Structures/RR Xing					<input checked="" type="checkbox"/>			
DRAINAGE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Roadside Ditches					<input checked="" type="checkbox"/>			
Culverts/Flumes/Curbs					<input checked="" type="checkbox"/>			
Catch Basins/Manholes					<input checked="" type="checkbox"/>			
Streambeds/Banks					<input checked="" type="checkbox"/>			
ROADSIDE	G	F	P	NTS	N/A	ACT	QTY	NOTES OR COMMENTS*
Signs/Delineators					<input checked="" type="checkbox"/>			
Roadside Mowing					<input checked="" type="checkbox"/>			
side Brushing					<input checked="" type="checkbox"/>			
Roadside Litter					<input checked="" type="checkbox"/>			
Fences					<input checked="" type="checkbox"/>			

*Additional Comments: AREA IS OK WITH ROAD - NO PROBLEMS W/OK AT THIS TIME.

Deficiencies Noted: _____

Copy to QM for Review or Corrective Action: _____

Corrective Action Required: _____

Yes ☒ No ☐
 Yes ☐ No ☒

Foreman's Signature

QA Box Portion to be Completed by Road Manager:

Nature of Corrective Action Taken: _____

By: _____ Date: _____

Recommendations to Prevent NCR Recurrence: _____

By: _____ Date: _____

Re-inspected By: _____ Date: _____

Status of Re-inspection: _____

Concluded: ☐ Pending: ☐

Comment of Re-Inspection if req'd: _____

Revised Feb 2 2006

QF31102

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1: AUDIT DETAILS

DATE June 21, 2007











AUDIT REPORT # 2007/06/21-dc-3

SERVICE AREA #/NAME SA-6 Lower Mainland District

CONTRACTOR NAME Mainroad Contracting Limited

TASK/ACTIVITY AUDITED Contract Article 14.4(e) salt usage

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	CLOSING
Mark Bradford	Road Manager		
Mike Mahwinney	Quality Manager		
Grant Smith	Area Manager		
Bill Crichton	Area Dev't. & Ops. Tech.		
Patrick Hill	Area Dev't. & Ops. Tech.		

SECTION 3: RECORDS REVIEWED/FINDINGS

Discussed logs report. Submitted June 19th, copy taken
Discussed need to meet requirements of Environment Canada
- used EC template to produce QMS
- copy release of Section 1 "Winter Chemical Mgt-Overview"

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

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SECTION 1: AUDIT DETAILS

DATE JUNE 21, 2007

AUDIT REPORT # 2007/06/21 - 066-4

SERVICE AREA #/NAME SA-6 Lower Mainland District

CONTRACTOR NAME Mainroad Contracting Limited

TASK/ACTIVITY AUDITED WILDLIFE COLLISION - Contact While 14.4 (g) wildlife collision

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	MEETINGS CLOSING
Mark Bradford	Road Manager	<i>[Signature]</i>	<i>[Signature]</i>
Mike Mahwinney	Quality Manager	<i>[Signature]</i>	<i>[Signature]</i>
Grant Smith	Area Manager	<i>[Signature]</i>	<i>[Signature]</i>
Bill Crichton	Area Dev't. & Ops. Tech.	<i>[Signature]</i>	<i>[Signature]</i>
Patrick Hill	Area Dev't. & Ops. Tech.	1:35 <i>[Signature]</i>	1:50 <i>[Signature]</i>

SECTION 3: RECORDS REVIEWED/FINDINGS

MAINROAD AREA SUPERVISOR CLIENTS OFF on FOLLY ROAD
Report March 27 NOT signed off on by Area Supervisor
Wildlife only according to WILDLIFE Act - NOT DETERMINED WHETHER
successes/conditions program, first most common

SECTION 4: NCR/OFI SUMMARY

CMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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Revised January, 2004

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RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE July 26, 2007


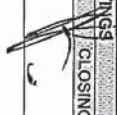






AUDIT REPORT # 2007-07-26-06-3

SERVICE AREA #/NAME SA-6 Lower Mainland District

CONTRACTOR NAME Mainroad Contracting Limited

TASK/ACTIVITY AUDITED 1-150 SHOULDER CAVELLIAN MAINTENANCE

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name, position and initial meetings	
		OPENING	MEETINGS CLOSING
Mark Bradford	Road Manager		
Mike Mahwinney	Quality Manager		
Grant Smith	Area Manager		
Bill Crichton	Area Dev't. & Ops. Tech.		
Patrick Hill	Area Dev't. & Ops. Tech.		

SECTION 3: RECORDS REVIEWED/FINDINGS

THE CONTRACT PROVIDED NO ACCESSIBLE SIGNAGE
ANALYSIS OF 19 mm MINUS MATERIAL, UTILIZED FOR
ADDITIONAL SHOULDERING, THAT VIOLATES MINISTRY SPECIFICATIONS.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

te: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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Audit report_Random.doc

15

From: Trow Consulting Eng To: RICHVAN -OLING LTD

1/1

5:48:51 PM, Friday, March 17, 2005

900291/00 (NO PAPER)

Trow

Trow Associates Inc.
7025 Greenwood Street
Burnaby, BC V5A 1X1
604-874-1245

Norm. 353 827/01
5043 24321
Nelson Broom
24-000-0114

SIEVE ANALYSIS REPORT 8 16 30 50 SERIES

TO

RICHVAN HOLDINGS LTD.
9531 SIDDAWAY ROAD
RICHMOND, BC
V6X 1C1

PROJECT NO. 061-020-1

CLIENT RICHVAN HOLDINGS LTD.
C.C

ATTN: MR. LINO GASNO

PROJECT 2006 AGGREGATE TESTING
MATERIALS

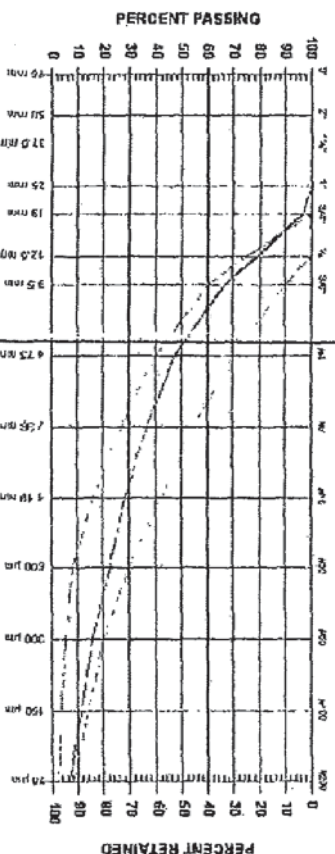
CONTRACTOR

SIEVE TEST NO. 2 DATE RECEIVED

DATE TESTED Mar 14, 2006 DATE SAMPLED Mar 13, 2005

SUPPLIER RICHVAN
SOURCE RICHMOND
SPECIFICATION MYCD Granular Base
MATERIAL TYPE 19.0mm GRANULAR BASE

SAMPLED BY G. WERLH
TESTED BY
TEST METHOD WASHED



GRAVEL SIZES	PERCENT PASSING	GRADATION LIMITS
3" 75 mm	100.0	100 - 100
2" 50 mm	100.0	100 - 100
1.5" 37.5 mm	100.0	100 - 100
1" 25 mm	96.6	75 - 100
3/4" 19 mm	79.1	100 - 100
1/2" 12.5 mm	66.4	60 - 90
3/8" 9.5 mm	66.4	60 - 90

SAND SIZES AND FINES	PERCENT PASSING	GRADATION LIMITS
No. 4 4.75 mm	47.1	40 - 70
No. 8 2.36 mm	36.5	27 - 55
No. 16 1.18 mm	23.1	16 - 42
No. 30 600 um	22.5	3 - 30
No. 50 300 um	15.7	3 - 20
No. 100 150 um	10.0	10 - 10
No. 200 75 um	7.0	2 - 8

MOISTURE CONTENT 7.9%

COMMENTS

max. 2/86
Imperial - C.C
3/4 minus

Page - of 2

Mar 17, 2005

Trow Associates Inc.

PER.

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

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ASK

SECTION 1 AUDIT DETAILS


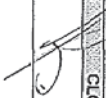






DATE September 26, 2007 ²⁷ AUDIT REPORT # 2007.09.27.064-1

SERVICE AREA #/NAME SA-6 Lower Mainland District

CONTRACTOR NAME Mainroad Contracting Ltd.

TASK/ACTIVITY AUDITED Fleet Ops Policy (Schedule 12) & Commercial Vehicles Permit (Schedule 15)

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	MEETINGS CLOSING
Mark Bradford	Road Manager		
Mike Manwinye	Quality Manager		
Grant Smith	Area Manager		
Patrick Hill	Dev. & Operations Tech.		

SECTION 3: RECORDS REVIEWED/FINDINGS

Schedule "12" Fleet Ops Policy - Inspected various vehicles for proper markings etc
② including taking dump truck/lorry for emergency lighting operation - OK ✓
③ Red Flags in poor condition need to be replaced before winter season
Schedule "13" Commercial Vehicle Permit

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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TASK

SECTION 1 AUDIT DETAILS

DATE SEPTEMBER 27, 2007

AUDIT REPORT # 2007-09-27-06C-2







SERVICE AREA #NAME SA-6 Lower Maryland District

CONTRACTOR NAME MAIRBARD CONTRACTING LTD

TASK/ACTIVITY AUDITED Commercial Vehicles Permit (Schedule 15 of Contract)

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	MEETING 1 OPENING	MEETING 2 CLOSING
MARK BRADFORD	ROAD MAINDER		
GRANT SMITH	NOT AREA MAINDER		
PHILIP HILL	DEV. TECH.		

SECTION 3: RECORDS REVIEWED/FINDINGS

Schedule 15" Contract - Commercial Vehicle PERMIT → Mairbard to produce permit
 - original @ Port Kells Office
 - copy to be sent to HOT
 - contractor has "36 hours" to produce document (signed)

SECTION 4: NCROFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFF #

ote: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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MINISTRY OF
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TAS

SECTION 1: AUDIT DETAILS

DATE: SEPT 27 / 2007

AUDIT REPORT # 2007-09-27-066-3







SERVICE AREA #/NAME: SA 6 Lower Mainland

CONTRACTOR NAME: MANULIFE CONSTRUCTION LTD.

TASK/ACTIVITY AUDITED: 1-100 Pavement and Crack Sealing

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	MEETING 1 OPENING MEETING	MEETING 2 CLOSING MEETING
MARK BRADFORD	PORT MANAGER		
PATRICK HILL	DRIVE OPS. TECH.		
ANNA SMITH	AREA MANAGER		

SECTION 3: RECORDS REVIEWED/FINDINGS

CONTRACTOR IDENTIFIED THE PROCESS TAKEN TO
ACTIVITY WORKS COMPLETED PRIOR TO BUREAU INFORMATION
IN TO ROAD RUNNER & WORK REPORTING

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #
	??		

note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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TASK

SECTION 1: AUDIT DETAILS

DATE SEPT 27/2007

AUDIT REPORT # 2007-09-27-06C-4

SERVICE AREA #/NAME SA 6 Lower mainland

CONTRACTOR NAME MANULAND CONCRETE LTD

TASK/ACTIVITY AUDITED QMS 1-100 DB FIRST BUILD "CHUSE"

SECTION 2: ATTENDANCE REGISTER

Attendees print name/position and initial meetings

NAME	POSITION	DATE	INITIALS	MEETINGS
MARK BRAZDORZ	ROM MANAGER			
PHILIP KILL	DEVT & QS. TECH			
GRANT SMITH	MOGA MANAGER			

SECTION 3: RECORDS REVIEWED/FINDINGS

CONCRETE UTILIZES THEIR PHARMACY SHEETS
CONCRETE PHARMACY MANAGER IN DETERMINING THE COST
OF A PARTICULAR FAILURE AND THE METHOD OF REPAIR.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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file:report_Random.doc

RANDOM AUDIT REPORT





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SECTION 1 AUDIT DETAILS

DATE FEB 29, 2008 AUDIT REPORT # 2008/02/29-06C-1
 SERVICE AREA #/NAME SA-6 Lower Mainland District
 CONTRACTOR NAME Mainroad Contracting Limited
 TASK/ACTIVITY AUDITED 470 - Highway Traffic Control

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	MEETINGS CLOSING
Mark Bradford	Road Manager		
Mike Mahwinney	Quality Manager		
Grant Smith	Area Manager		
Bill Crickton	Area Dev't. & Ops. Tech.		
Pattek Hill	Area Dev't. & Ops. Tech.		

SECTION 3: RECORDS REVIEWED/FINDINGS

Within the maintenance contractor Pattek's maintenance work following traffic control, the traffic control is implemented and removed in accordance with the guidelines within the traffic control manual for work on highways. The work closure is carried out per the main road communications center for early and driver B.C.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

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Brief outline of issue	Recommendation	Due date
OLD Business		
Crash Attenuator Trailer	Mainroad starting process to purchase a crash attenuator trailer. Protocol for use of unit will be developed. We now have one of these units in the system. We will be monitoring and assessing its viability.	Completed
First Aid Training	Some crew first aid tickets to expire in Feb '08. <u>Bob N</u> to review Worksafe regulations and determine if there is a requirement for basic first aid (level1) at any of our worksites. We are within standards and do not require basic first aid as we are within distance allowances of hospitals.	Completed
Accident Reviews <i>DOUG BOB N DISCUSS WITH MIKE N.</i>	Reviewed OSH accident investigation done on unit S0113 involving worker slipping injury. Investigation noted procedures and poor judgment were some of the causes for this accident. The investigating team also recommended various modifications that may help prevent these types of incidents in the future.	Ongoing Mark B. to follow up modifications with Bob D.
Appropriate Footwear	As per WCB Regulations (8.22), the appropriate footwear must be worn which includes ankle protection as needed. It was determined that a work boot style is required for our Industry.	Ongoing. Managers to discuss at toolbox meetings.
Lane Closure Removal	Lane closure removals must be done in accordance with the Traffic Control Manual for work on roadways. Section 1.5.1 states that Order of Removal can be done while backing up but "no workers shall ride on the rear outside of a vehicle while it is reversing."	Ongoing. Managers to discuss at toolbox meetings.

*

Log	Log	Log	File
Num Source	To	Date	Time Number
			Text
444,517 BR 25	TUMER	02/27/00	14:11
444,590 D30	TUMER	02/27/00	10:42
444,505 BR 25	TUMER	02/27/00	09:40
444,499 D30	TUMER	02/27/00	07:54
443,501 BR 21	TUMER	02/18/00	13:35
443,237 OR 36	TUMER	02/10/00	02:24
443,225 OR 36	TUMER	02/10/00	01:37
443,102 PITT BR	TUMER	02/09/00	04:28
442,171 R1	TUMER	01/31/00	07:00
441,110 D30	TUMER	01/24/00	11:22
441,165 REGION	TUMER	01/24/00	09:16
441,104 PITT BR1	TUMER	01/24/00	09:03
440,150 OR 35	TUMER	01/15/00	00:55
439,267 OR 30	TUMER	01/04/00	14:04
439,253 OR 30	TUMER	01/04/00	09:00
LANE CLOSURE PICKED UP			
MOVING LANE CLOSURE MAY 99 FL FROM KING GEORGE TO MAY 10			
LANE CLOSURE KENSINGTON U/P SB/S/L ALL DAY			
MOVING LANE CLOSURE MAY 99 SB/S/L FROM KGH, SHOULDERING			
LANE CLOSURE PICKED UP KGH AT COLEBROOK			
MHB LANE CLOSURE PICKED UP			
LANE CLOSURE MHB EB AT SHAKENESSY RIGHT TURN LANE DOING			
WIDEST WORK APPROX 20 MINS			
LANE CLOSURE PICKED UP			
MAY 7 WB/S/L AT REDBOW TOWN CENTRE WAY LANE CLOSURE			
9:00AM-3:00PM (INCLUDING CONCRETED			
REPORT OF SPEED STOPS FOR SB AFB LANE CLOSURE LYING DOWN,			
FCS ATTENDED TO ERECT AND ADVISE LANE CLOSURE PERSONNEL OF			
THE PROBLEM			
REGION REPORTS LANE CLOSURE ON THE ALEX FRASER BRIDGE SB S/L			
TIL APPROX 1300 HRS			
LANE CLOSURE E/B S/L, FROM BITMAN TO MARY HILL, EXPECTED FOR			
MOST OF THE DAY			
CLEAR FROM PARTIALLO BRIDGELANE CLOSURE			
LANE CLOSURE MAY 1 IS PICKED UP			
MOVING LANE CLOSURE MAY 1 EB/S/L FROM 200			

*** End of Report ***

LOCAL WINTER AUDIT PLAN

SA 06

October 2007 - March 2008

#	Assessing	Audit Type	Topic	Date	Auditor
1	Compliance/ bonus	Process	Pre-season/winter preparedness	Nov 30 2007 Nov 27 2007	Grant Smith Brad Grunberg
2	Bonus	Process	Post-season/continual		
3	Compliance	Task - end product / in process	Drainage Appliances - in	Nov 30 2007	Brad Grunberg
4	Compliance	Task - end product / in process	Ice control – end- product		
5	Compliance	Task - end product / in process	Ditch and W/course Mtce.	Feb 22 2008	Brad Grunberg
6	Compliance	Task - end product / in process	Snow removal– end-	Jan 25 2008	Bill Crichton
7	Compliance	Task - end product / in process	Snow removal – in-	Jan 8 2008	Billy Crichton
8	Compliance	Task - end product / in process	Litter & Graffiti	March 28 2008	Brad Grunberg
9	Compliance	Task - end product / in process	Bridge Deck maintenance – in process	Oct 10 2007	Carl Lutz
10	Compliance	Task - end product / in process	Bridge Deck Mtce. Drains & flumes – in process	Dec 6 2007	Carl Lutz
11	Bonus	Task	Document control		
12	Compliance	Task	Public complaints	March 28 2008	Brad Grunberg
13	Bonus	Task	Salt Mtce		
14	Compliance	Task	Ice control – materials	Dec 28 2007	Grant Smith
15	Bonus	Task	Salt Mtce		
16	Compliance/ bonus	Task	Moveable Bridge structure (swing bridge)	Dec 19 2007	Anne Hazlewood
17	Compliance/ bonus	Task	Bridge, drainage and debris	Oct 11 2007	Anne Hazlewood

18	Bonus	Task	Sign Mainteneane	Feb 29 2008	Grant Smith
19	Bonus	Task	Debris Removal	Jan 25 2008	Brad Grunberg
20	Compliance	Task	Highway Incident Reporting		
21	Compliance	Task	Patrol – response times on Class A/B roads		
22	Compliance	Task	Weather condition reporting	Jan 8 2008	Billy Crichton
23	Compliance	Task	Roadside – response times		
24	Bonus	Task	Roadside – quality		
25	Bonus	Task	Drainage – quality control		
26	Compliance	Task	Pot-hole patching –	Nov 30 2007	Brad Grunberg
27	Compliance	Task	Bridge inspections	Feb 28 2008	Anne Hazlewood
28	Bonus	Task	Winter maintenance - continual improvement		
29	Compliance	Task	Hwy condition reporting -	Jan 25 2008	Bill Crichton
30	Compliance	Task	Bridge Deck maintenance – reporting	Feb 28 2008	Anne Hazlewood
31	Compliance	Task	Multiplate Structure Mtce	Dec 19 2007	Anne Hazlewood
32	Compliance	Task	Concrete Structure Mtce	Oct 11 2007	Anne Hazlewood
33	Bonus	Task	Supplier relationships		
34	Bonus	Task	Occupation Health and		
35	Compliance	Task	Ditching, Culvert		
36	Compliance	Task	Sign maintenance –		
37	Compliance	Task	Highway inspection –		
38	Compliance	Task	Pavement Patching & Crack sealing		

39	Compliance	Task	Employee training		
40	Compliance	Task	Debris removal	22-Feb-08	Brad Grunberg
41	Compliance	Task	Bridge Deck maintenance – reporting		
42	Compliance	Task	Litter & Graffiti		
43	Bonus	Task	Continual improvement – non-conformances		
44	Compliance	Task	Highway Incident reports		
45	Bonus	Task	Customer focus		
46	Bonus	Task	Management review		
47	Bonus	Task	Internal audits		
48	Bonus	Task	Bridge sidewalk cleaning	Dec 6 2007	Carl Lutz
49	Compliance	Task	Hwy condition reporting -- response times		
50	Bonus	Task	Road and weather	Dec 28 2007	Grant Smith
51	Compliance	Task	Fleet Operations Policy --		
52	Compliance	Task	Sign maintenance -		
53	Compliance	Task	Freeway Service Patrol	Oct 26 2007	Brad Grunberg
54	Compliance	Task LAS #6	Highway Traffic Patrol	Oct 26 2007	Brad Grunberg
55	Compliance	Task	Highway Shoulder Maintenance	Nov 8 2007	Patrick Hill
56	Compliance	Task	Bridge Piling Maintenance	Oct 11 2007	Carl Lutz Anne Hazlewood
57	Compliance	Task	Multiple Structure	Dec 19 2007	Anne Hazlewood
58	Compliance	Task	Highway Traffic Control	Feb 29 2008	Grant Smith
59	Bonus	Task	Debris Removal	22-Feb-08	Brad Grunberg

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

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SECTION 1 AUDIT DETAILS


DATE November 27, 2007 AUDIT REPORT # WP-1/2007

SERVICE AREA #/NAME SA-6 Lower Mainland District

CONTRACTOR NAME Mainroad Contracting Limited

TASK/ACTIVITY AUDITED Winter Preparedness

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	CLOSING
Mark Bradford	Road Manager		
Brad Grunberg	Area Manager		
Grant Smith	Area Manager		

SECTION 3: RECORDS REVIEWED/FINDINGS

Salt quantities were provided for Nordel Yard, Port Kells, Oak Plaza, and Port Mann Bridge (document dated Oct. 12, 2007).

Brine making equipment, storage tanks and salt stock piles were inspected.

Anti-icing theory was provided in Mainroad's Winter Maintenance Manual.

A field inspection was completed of Mainroad's inspection and calibration system for their salt and brining equipment. Calibration sheets were provided for this equipment.

Forecasting – Mainroad retains the services of a meteorologist to provide weather forecasts. Environment Canada forecasts are utilized as well. Updates are provided 4 times per day. Evidence was provided in their monthly weather file.

Salt and patrol blocks, plow blocks & equipment lists were provided. Plow blocks were adjusted to provide additional plowing capacity in a climatic zone (the south Surrey area of Highway 99).

Staff call-out lists were provided for winter operations crews and auxiliaries.

Mainroad provides 3 training sessions for the winter operations crews and auxiliaries. One more session is scheduled for the week of Dec. 2nd.

Mainroad (in conjunction with the BC Roadbuilders, MoT, ICBC, WorkSafe BC and the BC Trucking Association) is undertaking advertising for winter driving awareness.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

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Winter preparations Nov 07.doc

RANDOM AUDIT REPORT





MINISTRY OF
TRANSPORTATION

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SECTION 1 AUDIT DETAILS

DATE Dec 28 / 2007 AUDIT REPORT # 2007-12-28-06C-2
 SERVICE AREA #/NAME SA-6 Lower Mainland District
 CONTRACTOR NAME Mainroad Contracting Limited
 TASK/ACTIVITY AUDITED 310 CHEMICAL AND ICE CONTROL, MATERIALS.

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	CLOSING
Mark Bradford	Road Manager		
Mike McInerney	Quality Manager		
Grant Smith	Area Manager		
Bill Erickson	Area Devt & Ops. Tech.		
Patrick Hill	Area Devt & Ops. Tech.		

SECTION 3: RECORDS REVIEWED/FINDINGS

MATERIAL UTILIZES Sodium Chloride AS THERE CHEMICAL FOR ICE CONTROL. MCL IS WITHIN MGT'S RECOGNISED PRODUCTS LIST. CONTRACTOR PROVIDED SIEVE ANALYSIS REPORTS DETERMINING THAT THE CHEMICAL USED MEETS MGT STATED SPECIFICATIONS FOR ~~GRANULAR~~ GRANULATION.

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

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SIEVE ANALYSIS REPORT

Levelton Consultants Ltd.


LEVELTON
Engineering Solutions

To: Malroad Maintenance Products Ltd.

8100 Nordel Way

Delta, B.C.

V4G 8A9

Attention:

Mr. Darren Eit

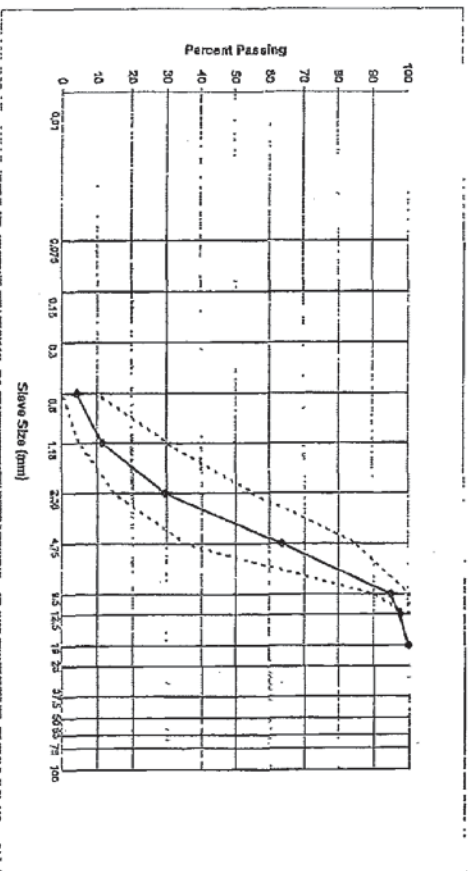
SAMPLING INFORMATION**Source:** Seaplan 191, V-135**Material:** Solar Salt**Specification:** MCT Standard Specifications for Highway Construction Section 891**Material Specification**

Sieve High Limit Low Limit

Date Sampled: October 7, 2007
Date Tested: October 16, 2007
Sample No: 2007-19
Contractor: Malroad
Supplier: N/A
Sampled by: Client
Tested by: LCL - NC

A_s Received Moisture: 1.62%

Sieve Analysis		Sieve Analysis	
Sieve	% Passing	Sieve	% Passing
75	100	75	100
63	100	63	100
50	100	50	100
37.5	100	37.5	100
25	100	25	100
19	100	19	100
12.5	100	12.5	97.5
9.5	100	9.5	94.9
4.75	85	4.75	63.4
2.36	35	2.36	28.3
1.18	30	1.18	11.5
0.8	10	0.8	4.3

**REMARKS:**

LEVELTON CONSULTANTS LTD.

Per:

Kenneth Cheong

Northern Cheong

This report constitutes a testing service only. No engineering interpretation opinion is expressed or implied. Engineering review and interpretation can be provided on written request.

SIEVE ANALYSIS REPORT

Levelton Consultants Ltd.


LEVELTON
Engineering Solutions

To: Mainroad Maintenance Products Ltd.

8100 Norda Way

Delta, B.C.

V4G 8A9

Attention: Mr. Darren Eli

 File No: 107-0034
Report No: 2007-21

 SAMPLING INFORMATION
Source: Seaspun 190, V-135

 Your PO No.:
Date Issued: October 16, 2007

 Material: Solar Salt
Solar Salt

Specification: M07 Standard Specifications for Highway Construction Section 891

Material Specification

Sieve High Limit Low Limit

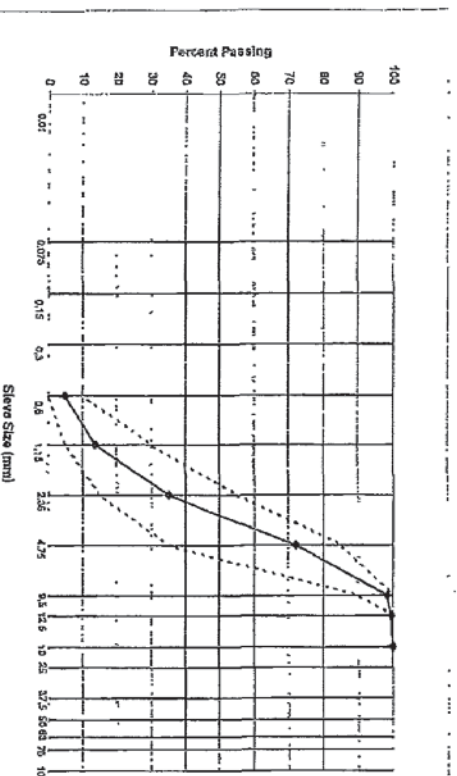
Sieve	High Limit	Low Limit
75	100	100
63	100	100
50	100	100
37.5	100	100
25	100	100
19	100	100
12.5	100	100
8.5	100	90
4.75	85	35
2.36	55	15
1.18	30	5
0.6	10	0

Sieve Analysis

Sieve	% Passing
75	100
63	100
50	100
37.5	100
25	100
19	100
12.5	98.5
8.5	98.3
4.75	71.9
2.36	35.0
1.18	13.7
0.6	4.8

 Data Sampled: October 9, 2007
 Date Tested: October 16, 2007
 Sample No: 2007-21
 Contractor: Mainroad
 Supplier: N/A
 Sampled by: Client
 Tested by: LCL - NC

As Received Moisture: 2.09%



REMARKS:

LEVELTON CONSULTANTS LTD.

Per:

Norman Chang

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SIEVE ANALYSIS REPORT

Levelton Consultants Ltd.



LEVELTON
Engineering Solutions

To: Mainroad Maintenance Products Ltd.

6100 Nordal Way
Delta, B.C.

V4G 8A9

Attention: Mr. Darren Eli

SAMPLING INFORMATION

Source: Seaspan 193, V-135

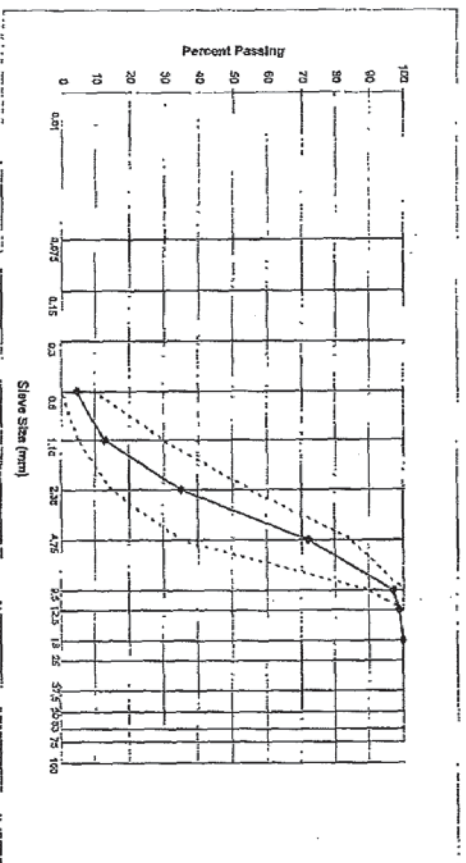
Material: Solar Salt

Specification: MoT Standard Specifications for Highway Construction Section 591

Material Specification

Sieve Analysis

Date Sampled:	October 8, 2007	75	75	100
Date Tested:	October 16, 2007	63	63	100
Sample No:	2007-20	50	50	100
Contractor:	Mainroad	37.5	37.5	100
Supplier:	N/A	25	25	100
Sampled By:	Client	19	19	100
Tested by:	LCL - NC	12.5	12.5	98.9
		9.5	9.5	97.0
		4.75	4.75	71.9
		2.36	2.36	35.1
		1.18	1.18	12.8
		0.6	0.6	4.4
As Received Moisture:	1.59%			



REMARKS:

LEVELTON CONSULTANTS LTD.

Per:

Norman Chang
Norman Chang

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RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

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SECTION 1 AUDIT DETAILS

DATE	November 25, 2008	AUDIT REPORT #	WP-1/2008
SERVICE AREA #/NAME	SA-6 Lower Mainland District		
CONTRACTOR NAME	Mainroad Contracting Limited		
TASK/ACTIVITY AUDITED	Winter Preparedness		

SECTION 2: ATTENDANCE REGISTER		Attendees print name/position and initial meetings		
NAME	POSITION	OPENING	MEETINGS	CLOSING
Bryan Buchanan	Road Manager			
Bob Nielsen	Quality Manager			
Brad Grunberg	Area Manager			
Grant Smith	Area Manager			

SECTION 3: RECORDS REVIEWED/FINDINGS

Salt and sand sieve analyses were provided.

Brine making equipment, storage tanks and salt stock piles were inspected.

A field inspection was completed of Mainroad's inspection and calibration system for their salt and brining equipment. Brine quantities were provided for Nordel Yard (document dated November 18, 2008).

Weekly salt usage is tracked on Mainroad's Salt Inventory Management Sheet.

Anti-Icing theory was provided in Mainroad's Winter Maintenance Manual.

Forecasting – Mainroad retains the services of a meteorologist to provide weather forecasts. Environment Canada forecasts are utilized as well. Updates are provided 4 times per day. Evidence was provided in their monthly weather file.

Salt and patrol blocks, plow blocks & equipment lists are currently being updated.

Mainroad provides 4 training sessions for the winter operations crews and auxiliaries. One more session is scheduled for Nov. 26th. Winter Training records were provided. Call-out lists were provided for winter operations crews and auxiliaries.

Commercial Vehicle Inspection Reports are being completed on their fleet. Inspection #7137449 provided; 1994 International plow truck.

SIEVE ANALYSIS REPORT

Levelton Consultants Ltd.


LEVELTON
Engineering Solutions

To:

 Mainread Maintenance Products Ltd.
8100 Nordel Way
Delta, B.C.
V4G 5A9

 #150 - 12791 Clarke Place
Richmond, B.C.
Canada V6V 2H9
Tel: 604-278-1411
Fax: 604-278-1042
E-mail: cmd@levelton.com

Attention:

Mr. Bob Nielsen

 File No: R108-0009-01
Report No: 2008-01

Project:

Sand - Physical Testing 2008

Date Issued: June 5, 2008

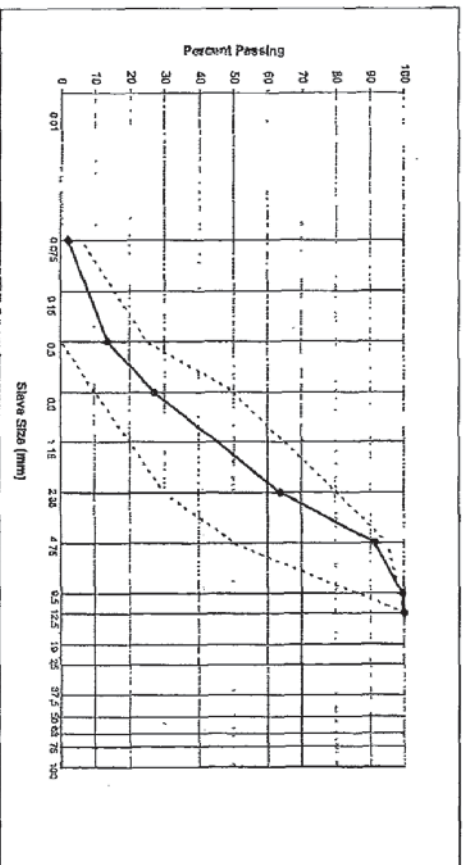
SAMPLING INFORMATION

 Source: Port Kelis Yard
Material: Sand

Specification: MOT Standard Specifications - Winter Highway Classification (Class A & B)

 Date Sampled: June 5, 2008
Date Tested: June 5, 2008
Sample No: 2008-01
Contractor: Mainroad
Supplier: N/A
Sampled by: Client
Tested by: LCL - NC

Material Specification			Sieve Analysis		
Sieve	High Limit	Low Limit	Sieve	% Passing	
37.5			37.5	100.0	
25			25	100.0	
19			19	100.0	
16			16	100.0	
12.5	100	100	12.5	100.0	
9.5			9.5	98.5	
4.75	95	50	4.75	91.4	
2.36	80	30	2.36	63.8	
0.6	50	10	0.6	27.1	
0.3	25	0	0.3	13.8	
0.075	8	0	0.075	2.3	



REMARKS:

LEVELTON CONSULTANTS LTD.

Per:

Norman Chang

This report constitutes a testing service only. No engineering information opinion is expressed or implied. Engineering review and interpretation can be provided on written request.



SIEVE ANALYSIS REPORT

Levelton Consultants Ltd.

LEVELTON Engineering Solutions

To: Mainroad Maintenance Products Ltd.

3100 Norclet Way

Delta, B.C.

V4G 8A9

#150 - 12791 Centre Place

Richmond, B.C.

Canada V6V 2H9

Tel.: 604-278-1411

Fax: 604-278-1042

E-mail: cmd@levelton.com

Attention: Mr. Scott Forbes

File No: R108-0009

Report No: 2008-19

SAMPLING INFORMATION

Source: Duke Pl.

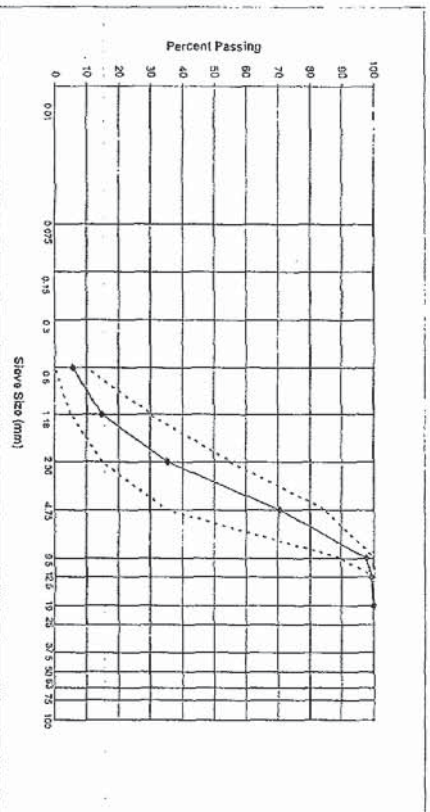
Material: Solar Soil

Date Issued: November 10, 2008

Specification:

Mot Standard Specifications for Highway Construction Section 991

Date Sampled:	Date Tested:	Sample No:	Contractor:	Supplier:	Sampled by:	Tested by:	As Received Moisture:	Material Specification				Sieve Analysis			
								Sieve	High Limit	Low Limit		Sieve	% Passing		
October, 2008	November 10, 2008	1	Mainroad	N/A	Client	LCL - NC	1.84%	75				75	100.0		
								63				63	100.0		
								50				50	100.0		
								37.5				37.5	100.0		
								25				25	100.0		
								19				19	100.0		
								12.5		100	100	12.5	99.1		
								9.5		100	90	9.5	97.8		
								4.75		85	35	4.75	70.5		
								2.36		65	15	2.36	35.3		
								1.18		30	5	1.18	14.7		
								0.600		10	0	0.600	5.6		



REMARKS:

LEVELTON CONSULTANTS LTD.

Per:

[Signature]
Jordan Ojima

This report constitutes a listing service only. No engineering interpretation opinion is expressed or implied. Engineering review and interpretation can be provided on written request.

Dickey-John Operations

Salter/Dickey-John Pre-Trip Inspections

Pre Wet usage and operation

Hands on computer Spreader test

Overcoming Problems with Dickey-John in Field

Reporting of Problems with Dickey John

Reporting and Recording Salt/Sand Usage

Brine Usage

Brine Application

See Attached List and Cover Highlighted Area's

Notes:

Mounting and Care of Front plows

Care and Operation of Front and Underbody Plows

Practical operation of Plow and Underbody

Loader operations and maintenance

Non Computer Salter trucks operation etc

Driving and operation test--if time available

See Attached List and Cover Highlighted Area's

Notes:

Checking Brakes

Adjusting Brakes

Reporting Adjustments Made

Pre-Trip on Plows and Underbody's

Reporting any Defects

Preventative Maintenance on trucks

Greasing on Trucks and Plows

Other Salter/Sander Operations

Sander Pre Trip and Maintenance

Reporting and Recording Salt/Sand Usage

Vehicle Pre & Post Trips

See Attached List and Cover Highlighted Area's

Notes:

Wing Plows

Front & back (Inside/Outside) Identification

Stowing and Unstowing

Operation of Wing Plows

When to Use and When not to Use

Laser Accuracy & Operation

Hazards

Wear/Damage

See Attached List and Cover Highlighted Area's

Notes:

TRAINER: Garnet Wall Bryan Buchanan Area 6
WINTER TRAINING

Winter Maintenance Handbook

Safety

Radio Usage & Weather Forecasts

Duties of shift foreman

Pre-Trips and Post Trips

Overloads

Winter patrol and Plowing Plans

Plow speeds

Sanding/Salting & Pre Wet

Small fuel trucks filled and in yard for emergency

After Shift and Misc.

See Attached List and Cover Highlighted Area's

Notes:



Ministry of
Transportation
**Commercial Vehicle
Inspection Report**

FINAL INSPECTION
CONFIRMATION NUMBER
7137449
PF 44697
DECAL EXPIRY DATE
30 NOV 2009

INSPECTION RESULT: **Pass**
INSPECTION TYPE: **Complete**
REASON FOR INSPECTION: **Annual**

WORK ORDER #
84201
INSPECTION DATE
24 NOV 2008
INSPECTION COMPLETE DATE/TIME
24 NOV 2008 09:36

COLLISION REPAIR FACILITY:

REASON NOTE:

PHONE #:

INSPECTOR'S NUMBER: **M05717-005**
INSPECTOR'S NAME: **WOLFE, RICHARD THOMAS**
CARD EXPIRY DATE: **31 JUL 2009**
FACILITY NUMBER: **P2360-028**
FACILITY NAME: **MAINROAD LOWER**
WORKING ON BEHALF OF FACILITY:
INSPECTION CLASS: **2 - Motor vehicle with lic.
GVW of more than 5,500kgs**
CITY: **Langley**
REGISTRATION NUMBER: **8686670**
YEAR: **1994**
BODY STYLE: **DUMP**
ODOMETER: **187788 KM**
UNIT/LEET #: **S0018**
OPTIONAL: **BRAKE TYPE: Air**
PROV: **BC**
POSTAL CODE: **V1M3Y5**
VEHICLE JURISDICTION: **BC**
PLATE NUMBER: **9053HS**
MAKE: **INTERNATIO**
MODEL: **4WHDR**
VIN: **1HTGGA2T2RH551300**
FUEL TYPE: **Diesel**

"F" Failed "R" Repaired Same Day "P" Passed "PC" Passed With Caution "C" Out Of Service "NA" Not Applicable

	F	R	P	PC	C	NA		F	R	P	PC	C	NA
Section 1 - Power Train							Liquid Propane Gas						
Section 2 - Suspension							Compressed Natural Gas						
Section 3 - Hydraulic Brakes							Pressure Fuel Inspector's Name & Number						
Section 3A - Air Brakes Service # 3 Axle							Air Brake Chamber Type, Size and Push Rod Stroke Measurement (mm)						
Section 4 - Steering							Axle # 1 2 3 4 5 6 7 8 9						
Section 5 - Instruments, Auxiliary Equipment							Type: Clamp Clamp Clamp						
Section 6 - Lamps							Size: 20 30 30						
Section 7 - Electrical System							Slack: Auto Auto Auto						
Section 8 - Body & Frame							Left: 30 40 40 40						
Section 9 - Tires & Wheels							Right: 30 38 44						
Section 10 - Couplers & Hitches							Comments: 1 - All wheels pulled						
Section 10 - Special Use Vehicle Components							Air Brake Camshaft Rotation Measurement (degrees)						
General Inspection Comments:							Left: 1 2 3 4 5 6 7 8 9						
							Right: 0 0 0 0						
							Comments: 1 - New Refined						
							Brake Lining/Pad Measurement (mm)						
							Axle # 1 2 3 4 5 6 7 8 9						
							Type: Lining (S Lining (S						
							Left: 16 15 19						
							Right: 16 15 19						
							Comments: 3 - New Refined						
							Rotor/Drum Measurement (mm)						
							Axle # 1 2 3 4 5 6 7 8 9						
							Type: Drum Drum Drum						
							Left: 421 420 420						
							Right: 421 420 421						
							Comments:						

Inspector's Name **WOLFE, RICHARD THOMAS** Signature
The Inspector's signature above is certification that this vehicle has been inspected to the requirements of the Motor Vehicle Act and Regulations.
NOTICE: KEEP THIS VEHICLE INSPECTION REPORT WITH VEHICLE REGISTRATION
The information on this form is collected under the authority of the Motor Vehicle Act, Section 217. The information will be used to process your vehicle inspection. If you have any questions please call 250-952-0577 or visit our website at www.th.gov.bc.ca/vee

MV3104W (06/2008)



Nov 24 2008

SNOW PLOW DRIVERS NEEDED

Snow Plow Drivers needed for the 08/09 winter season on an as needed basis during winter storm events in the Delta and Surrey area.

Requirements:

- Must supply a clean drivers abstract from ICBC
- Must complete 1 day of (paid) training
- Must be able to use a 2 way Radio clearly
- Must be able to work outside in all types of weather
- Must be able to work odd hours on short notice

Pay:

\$21.77 Hr

Plus 1.25 hr in lieu of benefits

Plus 6% Holiday pay

Overtime after 7.5 Hrs is 1.5 x hr rate

Premium graveyard shift pay is \$1.84 x Hr rate

Please send your Resume attention:

Bryan Buchanan
Road Manager Delta / Surrey
8100 Nordel Way
Delta, BC
V4G 8A9

Fax 604-582-3712

Mainroad Lower Mainland Contracting Ltd.
8100 Nordel Way
Delta, BC V4G 8A9
Tel 604.881.4140 • Fax 604.581.3712 • www.mainroad.ca

Delta Winter Patrol Blocks ~907/08

TE: Feb 25/09 19:30

My 0

CONDITIONS

Light Snow

	tonnes		Liters
	Salt	Sand	Brine
BLOCK - 1			
799-Steveson to K.G. Hwy			
717			
Report			
S-0115	328	Steve K	
S-0127	30	Don Henshaw	

BLOCK - 2	Unit No.	Call No.	Operator	Start/Finish	Salt	Sand	Brine
799-Steveson to 72nd							
791-99 to Hamilton							
Light Street							
Idgeport							
Island Way							
3C							
S-0125	28	Larry Van D					
S-0025	22	Mike Knibbs					

BLOCK - 3	Unit No.	Call No.	Operator	Start/Finish	Salt	Sand	Brine
7910-91 to King George							
791-Mud Bay to Hamilton							
LA Howes & Annacis Swing							
ridge							
Leewardson Way							
at							
Way-Stewardson to							
2ndary							
S-0124	31	Peter P					
S-0126	33	Glen Davis					

BLOCK - 4	Unit No.	Call No.	Operator	Start/Finish	Salt	Sand	Brine
VR							
S-0042	63	Mike Hummel					
S-0092		Jim Hahiem					

Block-M	Unit No.	Call No.	Operator	Start/Finish	Salt	Sand	Brine
799- Mathews to West Hwy							
7917-T&C to Hwy 10							
Westminster, Steveston, Rice							
Mill, Lander, Hwy 17 & Hwy 10							
Mathews) Interchanges							
S0113	Massey 25	Pete Maclean or Pat Heinecky					
Material Totals					Salt	Sand	Brine

Notes:

Night Shift

QF762-1002

LOCAL SUMMER AUDIT PLAN
SERVICE AREA 6, Lower Mainland District
April 2009 - October 2009

#	Assessing	Audit Type	Topic	Date	Auditor
1	Bonus	Process	Post Season Continual Improvement		
0	Bonus	Process	Pre-season/summer preparedness, Summer Work		
1	Compliance	Task	Highway Traffic Control #5-470	30-Jun-09	Grant Smith
2	Compliance	Task	Sweeping in Process/Traffic Control,		
3	Compliance	Task	In process bridge deck maintenance (5-500)	24-Apr-09	Bill Critchton
4	Compliance	Task	In process concrete maintenance (600)	28-Sep-09	N. VANDUNGEN
5	Compliance	Task	End product - brushing (4-350)	30-Apr-09	Brad Grunberg
6	Compliance	Task	Mowing (4-350)	29-May-09	Grant Smith
7	Compliance	Task	Drainage (2-260)		
8	Compliance	Task	Bridge structure cleaning (6-510)	27-Aug-09	N. VandenDungen
9	Compliance	Task	Multiplate Maintenance (6-680)		
10	Compliance	Task	Bridge drainage and flume Mice (6-520)	17-Jun-09	Bill Critchton
11	Compliance	Task	Bridge bearing Mice (6-540)	17-Jun-09	N. VandenDungen
12	Compliance	Task	Retaining structure maintenance (6-660)	22-Jul-09	Bill Critchton
13	Compliance	Task	Sign system maintenance (5-440)	30-Apr-09	Grant Smith
14	Compliance	Task	Curb Island Barrier Maintenance (1-220)	26-Jun-09	Brad Grunberg
15	Compliance	Task	Drainage appliance maintenance (2-260)	29-May-09	Grant Smith
16	Compliance	Task	Graffiti/Litter removal (4-370)	30-Apr-09	Brad Grunberg
17	Compliance	Task	Sign system maintenance (5-440)		
18	Compliance	Task	Highway Patrol (8-840)	30-Apr-09	Grant Smith
19	Compliance	Task	Bridge bearing Mice (6-540)		
20	Compliance	Task	Graffiti/Litter removal (4-370)	30-Jun-09	Grant Smith
21	Compliance	Task	Ditch and watercourse Maintenance (2-250)	29-May-09	Brad Grunberg
22	Compliance	Task	Bridge and Tunnel systems Maintenance Local Area Specification #4		
23	Compliance	Task	Highway Pavement Patching and Crack Sealing (1-100)	30-Sep-09	Brad Grunberg
24	Compliance	Task	Highway Condition Reporting (3-340)		
25	Compliance	Task	Roadside Fence Maintenance (4-400)	29-May-09	Brad Grunberg
26	Compliance	Task	Movable Bridge Maintenance Local Area Specification #1	24-Apr-09	N. VandenDungen
27	Compliance	Task	Bridge and Tunnel systems Maintenance Local Area Specification #5		
28	Compliance	Task	Highway Traffic Control (5-470)		
29	Compliance	Task	Pothole repairs (1-100)	26-Jun-09	Brad Grunberg
30	Compliance	Task	Structure Damage Response (7-800)	17-Aug-09	Bill Critchton
31	Compliance	Task	Bridge and Structure Inspect. (8-850)	28-Sep-09	Bill Critchton
32	Compliance	Task	Bridge and Structure Inspect. (8-850)		

RANDOM AUDIT REPORT



MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE April 30/2009 AUDIT REPORT # 2009/04/30-2
 SERVICE AREA #/NAME SA-6 Lower Mainland District
 CONTRACTOR NAME Mainroad Contracting Limited
 TASK/ACTIVITY AUDITED 8-840 Highway Patrol

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	MEETINGS CLOSING
Bryan Buchanan	Road Manager		
Bob Nielsen	Quality Manager		
Grant Smith	Area Manager		
Garret White	Road Foreman		

SECTION 3: RECORDS REVIEWED/FINDINGS

MAINTENANCE CONTRACTOR PROVIDED DOCUMENTATION TIMELY
Highway Patrols work conducted.
- Thursday March 12/2009
- Friday March 20/2009

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

Revised January, 2004

Audit report_Random June 07.doc

DELTA ROAD CREW

Call	Name	Activity	Unit	Shift	Notes
PK-11	Garnet				
RF-3	Wall	900A	H0198	1	✓
D-12	Larry				
RF-1	Fallowfield		H0199	3	✓
D-45	Gary			1	✓
OP-C	Robinson			1	✓
D-41	Lyle			1	✓
OP-C	Fraser		50056	1	✓
D-30	Ron				
OP-C	Hiemstra	460A	50217	1	✓
D-35	Jerry				
OP-C	Hoffman			1	✓
Fr-25	Wayne				
OP-B	Kiland			2	✓
D-38	Doug				
OP-B	Brown			2	✓
D-22	Mike				
OP-D	Knibbs		50053	3	✓
D-21	Wif			1	✓
OP-B	Schulz			1	✓
Oak-25	Roy				
OP-B	Evans	460A	50108	1	✓
D-26	Greg				
OP-B	Arthur			1	✓
D-28	Gerry				
Aux.	Van Overschot		H0199	2	✓
D-31	Arttu				
Aux.	Piippanen		H0199	3	✓
PK-41	Bob			1	✓
OP-C	Miki				
PK-20	Jim		50111	1	✓
OP-C	Leach		H0162	3	✓
PK-23	Pat				
OP-C	Miller			1	✓
PK-22	Dave				
OP-B	Kozlowski			1	✓
PK-27	Dave				
RCW	Sampson		50234	1	✓
PK 33	Don				
OP-C	Stevens			1	✓
D-33	Glen				
Aux.	Davies		50217	1	✓
Cog-18	Don			1	✓
RF 2	Gordon				
D-32	Mike			3	✓
Aux.	Vanderbil				
D-63	Mike			3	✓
Aux	Hummel				
Br-23	Richard				
Aux	Douglas			1	✓
26	Rusty	WRE	460A		
26	Pauls	WRE	460A		

S22

CONDITIONS
 Sun Rain Snow Overcast Partial Overcast Fog

Date: THURS - MAR 12/09
 KEN CLEGG - 50141-3 310A - 7.5

DELTA ROAD CREW

Call	Name	Activity	Unit	Shift	Notes
PK-11	Garnet			1	
RF-3	Wall	900A	H0198	1	
D-12	Larry			1	
RF-1	Fallowfield		H0199	3	
D-45	Gary			1	
OP-C	Robinson			1	
D-41	Lyle			1	
OP-C	Fraser			1	
D-30	Ron			1	
OP-C	Hiemstra			1	
D-35	Jerry			1	
OP-C	Hoffman			1	
Fr-25	Wayne			1	
OP-B	Kiland			1	
D-38	Doug			1	
OP-B	Brown			1	
D-22	Mike			3	
OP-D	Knibbs			1	
D-21	Wif	70010		1	
OP-B	Schultz	46014	50217	1	
Oak-25	Roy			1	
OP-B	Evans	460A	S0091	1	
D-26	Greg			1	
OP-B	Arthur			1	
D-28	Gerry			2	
Aux.	Van Overschot			1	
D-31	Arttu			3	
Aux.	Piippanen			1	
PK-41	Bob			1	
OP-C	Miki		R0012	1	
PK-20	Jim			3	
OP-C	Leach			1	
PK-23	Pat			1	
OP-C	Miller			1	
PK-22	Dave			1	
OP-B	Kozlowski			1	
PK-27	Dave		50036	1	
RCW	Sampson		T0016	1	
PK 33	Don			1	
OP-C	Stevens			1	
D-33	Glen			1	
Aux.	Davies			1	
Coq-18	Don			1	
RF 2	Gordon			1	
D-32	Mike			3	
Aux.	Vanderbil			1	
D-63	Mike			3	
Aux	Hummel			1	
Br-23	Richard			1	
Aux	Douglas			1	
26	Rusty	WRE	460A		
26	Pauls	WRE	460A		

S22

Sun Rain Snow Overcast Partial Overcast Fog

Date: Fri-Mar 20/09

RANDOM AUDIT REPORT



MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE June 30/2009 AUDIT REPORT # 2009-06-30-1
 SERVICE AREA #/NAME SA-6 Lower Mainland District
 CONTRACTOR NAME Mainroad Contracting Limited
 TASK/ACTIVITY AUDITED 4-370 LITTER COLLECTION & GRAFFITI REMOVAL

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings		
		OPENING	MEETINGS	CLOSING
Bryan Buchanan	Road Manager			
Bob Nielsen	Quality Manager			
Grant Smith	Area Manager			
CHRISTY WILK	ROAD FORUM			

SECTION 3: RECORDS REVIEWED/FINDINGS

INTERVIEWED CONTRACTOR PROVIDED LITTER PICKING SCHEDULE THAT
 DETAILS THAT LITTER COLLECTION MEETS CONTRACTUAL REQUIREMENTS.
 INTERVIEWED CONTRACTOR PROVIDED THEIR HIGHWAY SAFETY
 CONTROL INSPECTIONS DETAILING COMPLETION OF WORKS COMPLETED
 FEB 6/2009 & JUNE 19/2009

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

Revised January, 2004

2009 Fraser South Litter Picking Schedules

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	blk-B1, D			blk-B, G1	blk-D1, H	blk-A, F	blk-B1, G		blk-A, F2, G1	blk-B, D1	blk-C	blk-A, F, G	1
	blk-D	blk-A, F2	blk-A, F	blk-B, D1	blk-F1	blk-A, F, G	blk-B1, D, H		blk-B, G1	blk-D1	blk-A, F2	blk-B1, G	2
		blk-A, F2, G1	blk-A, F, G1	blk-D1	blk-C	blk-B1, G	blk-D, H	blk-A, F	blk-B, D1, H	blk-F1	blk-A, F2, G	blk-B1, D	3
		blk-B, G1	blk-B, G1	blk-F1	blk-A, F	blk-B1, D		blk-A, F, G1	blk-D1, H	blk-C	blk-B1, G	blk-D	4
	blk-A, F	blk-B, D1, H	blk-B, D1	blk-C	blk-A, F, G	blk-D		blk-B, G1	blk-F1	blk-A, F	blk-B1, D, H		5
	blk-A, F, G1	blk-D1, H	blk-D1	blk-A, F2	blk-B1, G		blk-A, F	blk-B, D1	blk-C	blk-A, F, G	blk-D, H		6
	blk-B, G1	blk-F1	blk-F1	blk-A, F2, G	blk-B1, D		blk-A, F, G1	blk-D1	blk-A, F	blk-B1, G		blk-A, F	7
	blk-B, D1	blk-C	blk-C	blk-B1, G	blk-D	blk-A, F2	blk-B, G1	blk-F1	blk-A, F, G	blk-B1, D		blk-A, F, G1	8
	blk-D1	blk-A, F	blk-A, F	blk-B1, D, H		blk-A, F2, G1	blk-B, D1	blk-C	blk-B1, G	blk-D	blk-A, F	blk-B, G1	9
0	blk-F1	blk-A, F, G	blk-A, F, G	blk-D, H		blk-B, G1	blk-D1	blk-A, F2	blk-B1, D		blk-A, F, G1	blk-B, D1	10
1	blk-C	blk-B1, G	blk-B1, G		blk-A, F	blk-B, D1, H	blk-F1	blk-A, F2, G	blk-D		blk-B, G1	blk-D1	11
2	blk-A, F2	blk-B1, D	blk-B1, D		blk-A, F, G1	blk-D1, H	blk-C	blk-B1, G		blk-A, F2	blk-B, D1	blk-F1	12
3	blk-A, F2, G	blk-D	blk-D	blk-A, F	blk-B, G1	blk-F1	blk-A, F	blk-B1, D, H		blk-A, F2, G1	blk-D1	blk-C	13
4	blk-B1, G			blk-A, F, G1	blk-B, D1	blk-C	blk-A, F, G	blk-D, H	blk-A, F	blk-B, G1	blk-F1	blk-A, F2	14
5	blk-B1, D, H			blk-B, G1	blk-D1	blk-A, F	blk-B1, G		blk-A, F, G1	blk-B, D1, H	blk-C	blk-A, F2, G	15
6	blk-D, H	blk-A, F	blk-A, F2	blk-B, D1	blk-F1	blk-A, F, G	blk-B1, D		blk-B, G1	blk-D1, H	blk-A, F	blk-B1, G	16
7		blk-A, F, G1	blk-A, F2, G1	blk-D1	blk-C	blk-B1, G	blk-D	blk-A, F	blk-B, D1	blk-F1	blk-A, F, G	blk-B1, D, H	17
8		blk-B, G1	blk-B, G1	blk-F1	blk-A, F2	blk-B1, D		blk-A, F, G1	blk-D1	blk-C	blk-B1, G	blk-D, H	18
9	blk-A, F	blk-B, D1	blk-B, D1, H	blk-C	blk-A, F2, G	blk-D		blk-B, G1	blk-F1	blk-A, F	blk-B1, D		19
10	blk-A, F, G1	blk-D1	blk-D1, H	blk-A, F	blk-B1, G		blk-A, F2	blk-B, D1	blk-C	blk-A, F, G	blk-D		20
11	blk-B, G1	blk-F1	blk-F1	blk-A, F, G	blk-B1, D, H		blk-A, F2, G1	blk-D1	blk-A, F2	blk-B1, G		blk-A, F	21
12	blk-B, D1	blk-C	blk-C	blk-B1, G	blk-D, H	blk-A, F	blk-B, G1	blk-F1	blk-A, F2, G	blk-B1, D		blk-A, F, G1	22
13	blk-D1	blk-A, F2	blk-A, F	blk-B1, D		blk-A, F, G1	blk-B, D1, H	blk-C	blk-B1, G	blk-D	blk-A, F2	blk-B, G1	23
14	blk-F1	blk-A, F2, G	blk-A, F, G	blk-D		blk-B, G1	blk-D1, H	blk-A, F	blk-B1, D, H		blk-A, F2, G1	blk-B, D1	24
15	blk-C	blk-B1, G	blk-B1, G		blk-A, F	blk-B, D1	blk-F1	blk-A, F, G	blk-D, H		blk-B, G1	blk-D1	25
16	blk-A, F	blk-B1, D, H	blk-B1, D		blk-A, F, G1	blk-D1	blk-C	blk-B1, G		blk-A, F	blk-B, D1, H	blk-F1	26
17	blk-A, F, G	blk-D, H	blk-D	blk-A, F2	blk-B, G1	blk-F1	blk-A, F	blk-B1, D		blk-A, F, G1	blk-D1, H	blk-C	27
18	blk-B1, G			blk-A, F2, G1	blk-B, D1	blk-C	blk-A, F, G	blk-D	blk-A, F	blk-B, G1	blk-F1	blk-A, F	28
19	blk-B1, D	x		blk-B, G1	blk-D1	blk-A, F2	blk-B1, G		blk-A, F, G1	blk-B, D1	blk-C	blk-A, F, G	29
20	blk-D	x	blk-A, F	blk-B, D1, H	blk-F1	blk-A, F2, G	blk-B1, D		blk-B, G1	blk-D1	blk-A, F	blk-B1, G	30
21		x	blk-A, F, G1	x	blk-C	x	blk-D	blk-A, F2	x	blk-F1	x	blk-B1, D	31
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		

2009

Blocks & Pick Cycle

Block-A 7 days (MCG-032007)
Hwy 1- P. Mann to RR U/P west of Glover (incl Int)
176th - 96 north of #1 to 96 south of #1
Block-B 7 days (MCG-052007)
#1- RR U/P to 264 (incl Int)
Block-B1 14 days (includes Block B)
Springbrook- Glover to #1
264th (Hwy 13)
Block-C 14 days (MCG-062007)
#10- Scott Rd to Springbrook (incl Glover Rd)
Block-D 7 days (MCG-072007)
#99- Border to south of Hwy 17 (incl Int)
Block-D1 14 days (includes Block D)
8th Ave- 176th to 99
176th (Hwy 15)- 16th Ave to Border
Block-E 21 days (MCG-042007)
176th (Hwy 15)- 96 to 16th
Block-F 7 days (MCG-082007)
#99- Hwy 17 to north end Oak (incl Int)
Sea Isl Way- Middle Arm to 99
Block-F1 14 days
Bridgeport- St Edwards to Airport Bridge
Hwy17- Hwy 99 to Causeway (incl Int)
Block-F2 21 days (includes Block F)
Deltaport- Coal Port to Hwy 17
Block-G 7 days (MCG-092007)
#91- Mud Bay to Shell Rd (incl Int)
Nordel Way, 91A, Stewardson Way, Knight St
Block-G1 14 days (includes Block G)
Hwy 10- Scott Rd to 91
Block-H 21 days
U.B.C.

AUDIT REPORT

Details and summary of all audits must be recorded on this form by auditors.

Audit Details:

Date (yyyy-mm-dd): 2009-08-17 Audit Report #: SA06 Summer 2009# 21

Local Process Audit: _____ Local Task Audit: X Regional Audit: _____

Service Are # / Name: SA 06 Lower Mainland District

Attendees:

BC MoT

Bill Crichton, Bridge Area Manager (S. Fraser)

Contractor

Ron McCulloch, Bridge Manager, Mainroad Contracting

Audit completed in Bridge Managers office, Mainroad Contracting, Nordel Way,
Delta, B.C.

NCR's / OFT's Issued:

None

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

Revised April 2007

Question:

Can you demonstrate that you are identifying, planning and scheduling Structure Damage Response?

What is being assessed:

- 7-800 Structure Damage Response
C. Work Identification and Planning
1. Understanding of the local structure system and hot spots
 2. Bridge Inspection, work identification and documentation
 3. Structure work planning
 4. Structure work scheduling
 5. Communication process with Ministry and stakeholders
 6. Internal communication

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

Revised April 2007

Findings:

Understanding Hot Spots

-various locations are known for frequent impacts because of high volumes and low clearances, examples are:

- Hwy. 99: Oliver Rd U/P
- Hwy 1: Glover Rd., 264th, 176th, 192nd

Identification

- police contact PHCC
- PHCC contacts Mainroad's bridge personnel and Region 1
- PHCC posted incident on MR's "Roadrunner"
- DGP/Incident Response Form is faxed to Mainroad attn: Bridge Manager
- site inspection is done
- documentation: QF32601, QF31601, QF715-0302 c/w photos are completed
- BC MoT form (H0036) CMC (Chargeable Maintenance Costs) form completed
- MC's internal form "Project Form" generated, contains police file #, CMC # and MR's internal tracking number

Planning/Scheduling

- damage is accessed in order to plan/schedule repair
- if major repairs are done asap
- if minor, site made safe and repairs scheduled for next night shift
- other minor repairs are undertaken as the same time, sometimes on other nearby structures if time allows

Communications with BC MoT

- Region is notified by PHCC
- preliminary CMC is faxed to BC MoT claims branch in Victoria
- completed CMC is mailed to LMD for sign off once the repair is completed

Internal Communications

- phone contact by PHCC with MR bridge crews, info is logged
- QC, QA documentation pre-repair
- work scheduling
- QC QA documentation post-repair

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District, Copy = Contractor

Revised April 2007

Evidence / Records reviewed:

Identification

- DGP/Incident Response Form (Aug. 15, 2009, Hwy.1 @ 192nd WB S/L)
- reviewed MR's electronic tracking system (Roadrunner) entry
- QF32601 "Bridge Incident Report"
- QF31601 quality control
- QF715-0302 quality assurance
- photos (Aug. 15, 2009, Hwy.1 @ 192nd WB S/L)
- completed CMC #22603

Planning/Scheduling

- notes are made on the QF32601 form, rating damage
- weekly work schedules outlining repairs and assigned personnel
- activity white board notes progress, i.e. scheduled, on going, completed

Communications with BC MoT

- CMC faxed to claims branch prior to repair
- CMC & photos mailed to LMD Bridge AM for sign off when repairs complete

Internal Communications

- phone logs, QF32601, QF31601, QF715-0302 pre-repair
- weekly work schedules
- QF32601, QF31601, QF715-0302 post repair

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District, Copy = Contractor

Revised April 2007

MONITORING RECORD

MINISTRY OF
TRANSPORTATION

Details of monitoring observations must be recorded on this form.

SECTION 1 TIME AND LOCATION	
FOR PERIOD: <u>Sept, 2009</u>	RECORDED BY: Bill Crichton
SERVICE AREA #/NAME: 6 / Fraser River South	MONITORING RECORD #: _____
CONTRACTOR NAME: Mainroad Contracting Ltd.	

SECTION 2: SUMMARY OF OBSERVATIONS			
DATE	LOCATION	OBSERVATION(S)	NCR ISSUED
Sept 8	# 2809, Hwy 10 BNR o/H	deck swept & clean, drains clear	
Sept 8	# 2809, Hwy 10 BNR o/H	Approaches repaired	
Sept 8	Hwy 10 @ Hwy 91	" "	
Sept 8	2870, Hwy 10 e Watershed Park o/r	" "	
Sept 24	Hwy 99 @ 152 nd St	N Approach repaired NB & SB	
		S " " " "	
		S Pier joint rebuilt.	
		SB Deck some patching done	
		NB " " " "	
		N joint skw curb repaired	

Distribution: Original = District

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE November 5, 2009 AUDIT REPORT # W/P-1/2009

SERVICE AREA #/NAME SA-6 Lower Mainland District

CONTRACTOR NAME Mainroad Contracting Limited

TASK/ACTIVITY AUDITED Winter Preparedness

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings		
		OPENING	MEETINGS	CLOSING
Mark Bradford	Road Manager			
Larry Shaylor	Road Foreman			
Brad Grunberg	Area Manager			
Grant Smith	Area Manager			
Thomas Chhun	Area Development and Operations Technician			

SECTION 3: RECORDS REVIEWED/FINDINGS

Mainroad has completed 2 winter orientation training sessions for the winter operations crews and auxiliaries. One more session is scheduled to complete training.

Winter patrol blocks and plow blocks were revised this year to optimise efficiencies.

Salt and sand sieve analyses were provided.

Forecasting – Mainroad retains the services of a meteorologist to provide weather forecasts. These forecasts provide information on predicted temperatures and snowfall accumulations allowing for planning and implementation of appropriate response.

Mainroad undertakes annual vehicle and equipment checks / inspections.

Brine making equipment, storage tanks and salt stock piles were reviewed.

RANDOM AUDIT REPORT

MINISTRY OF
TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE March 18, 2010 AUDIT REPORT # 2010-03-18-06C-3

SERVICE AREA #/NAME SA-6 Lower Mainland District

CONTRACTOR NAME Mainroad Contracting Limited

TASK/ACTIVITY AUDITED QMS - Training

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings	
		OPENING	MEETINGS CLOSING
Bryan Buchanan	Road Manager		
Michael Kelly	Road Manager		
Garnet Wall	Road Foreman		
Grant Smith	Area Manager		

SECTION 3: RECORDS REVIEWED/FINDINGS

Contractor provided their Post Training Analysis that documented feedback from the trainers and trainees on _____

winter training conducted during October and November of 2009. _____

Winter training included sessions on wing plow operation, braking and hazards, DICKET, John operation. _____

snow plow and loader operation, and overall winter operations. _____

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

Revised January, 2004

Audit: 2010-03-18-03.doc

RANDOM AUDIT REPORT

MINISTRY OF TRANSPORTATION

Details and summary of Random Audits must be recorded on this form by auditors.

SECTION 1 AUDIT DETAILS

DATE March 29, 2010 AUDIT REPORT # 2010-03-29-06C-1

SERVICE AREA #/NAME SA-6 Lower Mainland District

CONTRACTOR NAME Mainroad Contracting Limited

TASK/ACTIVITY AUDITED Ice Control - Materials

SECTION 2: ATTENDANCE REGISTER

NAME	POSITION	Attendees print name/position and initial meetings		
		OPENING	MEETINGS	CLOSING
Bryan Buchanan	Road Manager			
Michael Kelly	Road Manager			
Garnet Wall	Road Foreman			
Grant Smith	Area Manager			

SECTION 3: RECORDS REVIEWED/FINDINGS

Mainroad Contracting utilizes salt, brine and sand for ice control.

Mainroad provided documentation from the Salt Institute detailing the parameters they follow for brine manufacture.

Mainroad provided sieve analysis for both salt and winter aggregate reflecting that both materials meet gradation limits.

Salt tested Dec 23, 2009, aggregate tested Nov. 2 and Dec. 14, 2009

SECTION 4: NCR/OFI SUMMARY

QMS REFERENCE	ACTIVITY SUMMARY	SUMMARY	
		NCR #	OFI #

Note: The audit is based on a limited sampling of the operations. Although conformance with the relevant contractual requirement has been examined, other observations or non-conformances may exist.

Distribution: Original = District; Copy = Contractor

Revised January, 2004

Audit: 2010-9-29-1.docc



SIEVE ANALYSIS REPORT

Levelton Consultants Ltd.

#150 - 12791 Clarke Place

Richmond, B.C.

Canada V6V 2H9

Tel.: 604-278-1411

Fax: 604-278-1042

E-mail: cmf@levelton.com

To: Mainroad Maintenance Products Ltd.

8100 Norde Way

Delta, B.C.

VA9 8A9

Attention: Mr. Scott Forbes

File No: RUC9-0409

Report No: 2009-3

Project: Solar Salt - Physical Testing 2009

Date Issued: December 23, 2009

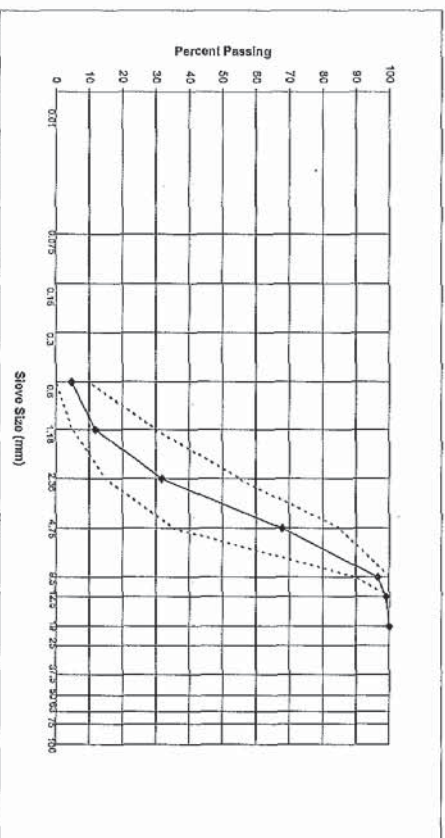
SAMPLING INFORMATION

Source: Solar Salt

Material: Solar Salt

Specification: MOT Standard Specifications for Highway Construction Section 891

	Material Specification		Sieve Analysis	
	Sieve	High Limit	Low Limit	% Passing
Date Sampled:	December 18, 2009	75	100	
Date Tested:	December 23, 2009	63	100	
Sample No:	1	50	100	
Contractor:	Mainroad	37.5	100	
Supplier:	N/A	25	100	
Sampled by:	Client	19	100	
Tested by:	AP	12.5	100	
As Received Moisture:	1.98%	9.5	90	
		4.75	85	
		2.36	55	
		1.18	30	
		0.6	10	
			0	
				12.5
				9.5
				4.75
				2.36
				1.18
				0.6
				4.6



REMARKS:

CCIC

LEVELTON CONSULTANTS LTD.

Per: Original Signed

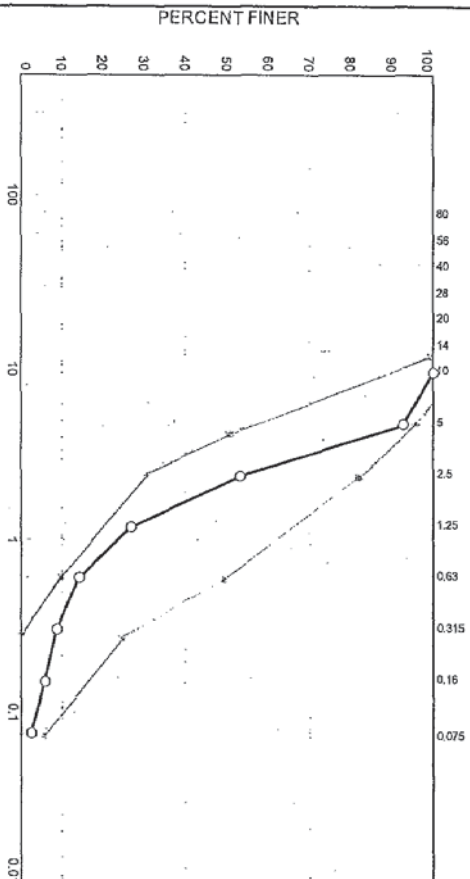
Arnold F. Palermo, ASCT

Reviewed by: Original Signed

Cameron K. Robinson, P. Eng.

This report constitutes a testing service only. No engineering interpretation opinion is expressed or implied. Engineering review and interpretation can be provided on written request.

Particle Size Distribution Report



% +3"		% Gravel		% Sand		% Fines	
Coarse	Fine	Coarse	Fine	Coarse	Medium	Fine	Silt
0.0	0.0	7.4	45.9	35.4	8.9	2.4	

Test Results (ASTM C136 & ASTM C117)				Material Description			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)	WASHED TEST			
9.5mm	100.0			PL=			
4.75mm	92.6			Atterberg Limits (ASTM D 4318)			
2.5mm	52.9			LL=			
1.18mm	26.7			USCS (D 2487)=			
.600mm	14.0			Classification			
.300mm	8.6			AASHTO (M 145)=			
.150mm	5.7			Coefficients			
.075mm	2.4			D ₉₀ = 4.5370			
				D ₅₀ = 2.1835			
				D ₁₀ = 0.3599			
				D ₈₅ = 4.1539			
				D ₃₀ = 1.2886			
				C _u = 7.45			
				D ₆₀ = 2.6726			
				D ₁₅ = 0.6319			
				C _c = 1.73			
				F.M.= 3.99			
				Remarks			

Location: Stockpile
Sample Number: 6
(no specification provided)

Date Received: Nov 2 2009 Date Tested: Nov 2 2009
Tested By: Ron Richardson
Checked By: _____
Title: 4003 Washed Sand

Client: Mainland Sand & Gravel
Project: Feeding 19mm Rd Base into the Washplant
Project No: 2009 Plate

Date Sampled: Nov 2 2009

SIEVE ANALYSIS REPORT

8 16 30 50 SERIES



Maple Ridge: 10040 - 248 Street, Maple Ridge, BC V2W 1S9 Ph: 604-463-4120 Fax: 604-463-4127
 Richmond Unit 702 - 30711 Simpson Rd., Richmond, BC V6T 5C7 Ph: 604-450-0061 Fax: 604-450-0064

MAINROAD CONTRACTING
 17474-56th AVENUE
 SURREY, BC
 V3S 1C3

PROJECT NO. 09-00112
 CLIENT MAINROAD CONTRACTING
 C.C.

ATTN: MR. DARREN ELL

PROJECT QC 2009

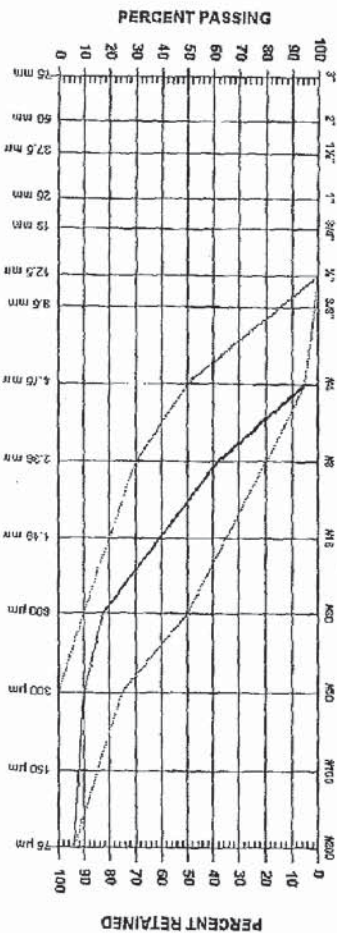
PORT COQUITLAM

CONTRACTOR

SIEVE TEST NO. 1 DATE RECEIVED 2009, Dec. 14 DATE TESTED 2009, Dec. 14 DATE SAMPLED 2009, Dec. 14

SUPPLIER UNKNOWN
 SOURCE PORT COQUITLAM STOCK PILE
 SPECIFICATION WINTER HIGHWAY
 MATERIAL TYPE MEDIUM TO COARSE SAND

SAMPLED BY PT
 TESTED BY PT
 TEST METHOD DRY



GRAVEL SIZES	PERCENT PASSING	GRADATION LIMITS
3" 75 mm		
2" 50 mm		
1 1/2" 37.5 mm		
1" 25 mm		
3/4" 19 mm		
1/2" 12.5 mm	100.0	100 - 100
3/8" 9.5 mm		

SAND SIZES AND FINES	PERCENT PASSING	GRADATION LIMITS
No. 4 4.75 mm	95.0	50 - 95
No. 8 2.36 mm	61.7	30 - 80
No. 16 1.18 mm		
No. 30 600 µm	17.7	10 - 50
No. 50 300 µm	9.8	0 - 25
No. 100 150 µm		
No. 200 75 µm	6.0	0 - 6

REMARKS

TRIAL MEETS WINTER HIGHWAY SPECIFICATION FOR CLASS A AND B

Page 1 of 1

2009, Dec. 15

ITL TESTING LABORATORIES LTD

PER.

One of these test results constitutes a testing service only. Engineering interpretation or evaluation of test results is provided only on written request.



Snowfighters Training Program

ANTI-ICING

A relatively new weapon in the snowfighter's arsenal in North America is anti-icing. But it has a long history of keeping European roads safe and passable.

Anti-icing measures take place before a precipitation event to prevent the formation or development of bonded snow and ice on the road surface. Research has shown that timely applications of anti-icing materials can cut the cost of maintaining a safe road surface by 90% over the cost of deicing. Anti-icing chemicals are applied in liquid form (brine) to road surfaces just before a snow or ice storm. Liquid sodium chloride (NaCl) is the most effective choice for anti-icing above 15°F.

Anti-icing has many advantages

- Anti-icing returns road surfaces to normal faster, resulting in fewer accidents and delays.
- Salt needs moisture to be effective. Applying brine jumpstarts the melting process.
- Brine sticks to the road surface. It will not be as easily blown off the road by wind or traffic so material is more efficiently used.
- If the storm is delayed, salt residue remains on the road ready to begin work when precipitation begins.
- Crews can begin treatment in advance of a storm. Because anti-icing prevents the bonding of snow and ice to pavement, snowfighters have less work to maintain safe roadways as the storm progresses.
- Increased efficiency results in use of less deicer and manpower, therefore lowering the cost of maintaining safe road conditions. The use of less deicing materials also minimizes environmental concerns.

Products available for use in an anti-icing program are sodium chloride, calcium chloride, magnesium chloride, potassium acetate, and calcium magnesium acetate. Each product has its own advantages and disadvantages. The most common material in use is sodium chloride (salt) in the form of a brine made from a mixture of rock salt and water. Salt brine is effective to -6° F and is a proven anti-icing agent in use throughout the snowbelt.

Some agencies use calcium or magnesium chloride in a brine solution which is effective down to -60°F, but is more than six times as expensive than salt, and is more difficult to handle. Also,

calcium and magnesium chloride residue on road surfaces can attract moisture at lower relative humidity than salt resulting in dangerous, slippery conditions under certain circumstances.

Salt Brine Manufacture

Salt brine is made by mixing rock salt or solar salt with water. The process is simple: the resulting brine should be approximately 23% NaCl.

The proportion of salt to water is critical to the effectiveness of the brine. Too much or too little salt affects the freeze point depressing qualities of the brine. The proper brine mixture is 23.3% salt content by weight. This is the concentration at which salt brine has the lowest freezing point, -6°F. It is known as the eutectic point. This percentage is measured with a salometer, a specialized hydrometer. Salt is added to the water until a 88.3% measurement on the salometer is obtained. This results in the proper 23.3% salt content. Temperature is also a factor, so the Salt Institute has developed a table showing the solubility of salt at various temperatures for your reference.

Commercial brine makers are available at a cost of approximately \$4500. Many agencies have made their own brine makers using water tanks and PVC pipe for substantially lower cost. Brine is usually made at the local maintenance facility sites and stored in large tanks in locations convenient for loading into saddle tanks on the sides of the V-box or anti-icing equipment.

Application Equipment

Brine applicators are commercially available for about \$1,000. Some agencies have manufactured their own application equipment using large tanks and PVC piping. Some equipment is designed to be loaded onto the bed of spreading trucks, towed behind maintenance equipment or permanently mounted on truck beds. It can be as simple as a gravity fed spraying system with a operator controlled cut-off valve or a more complex (and more controllable)

pump driven sprayer system. Control should be available to vary spreading rates from 25 to 60 gallons per lane mile.

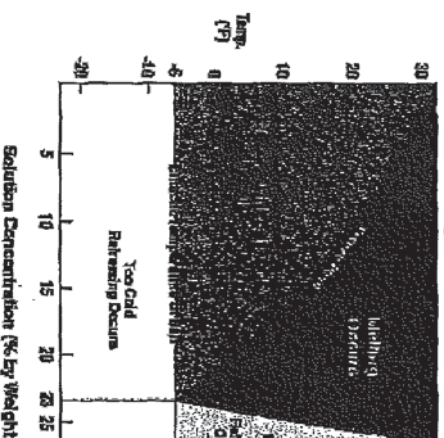
If large, horizontal tanks are used in the design, consider installing baffles inside the tanks to help prevent the liquid from suddenly shifting in the tank, creating a hazardous control situation for the operator.

Application

Hydrometer / Salometer
Chart for Salt Brine

% Salt	Hydrometer Specific Gravity	Salometer Reading @ 60°F.
0	1.007	0
1	1.014	4
2	1.021	7
3	1.028	11
4	1.035	15
5	1.043	19
6	1.051	22
7	1.059	26
8	1.067	30
9	1.074	34
10	1.082	37
11	1.089	41
12	1.097	44
13	1.104	48
14	1.112	52
15	1.119	56
16	1.127	59
17	1.135	63
18	1.143	67
19	1.152	70
20	1.159	74
21	1.168	78
22	1.176	81
23	1.176	85
24	1.184	89
25	1.193	93
26	1.201	96
27	-	100

Phase Diagram for Salt



temperatures, precipitation amounts and form, wind conditions, and road environment (sunlight exposure, surface condition, bridges, etc.) all affect the use and application of anti-icing measures.

Understanding the freeze point depressing qualities of brine is important to its use and application as an anti-icing agent. (See the Phase diagram to the left). As you can see from the chart, the minimum freeze point of salt brine is -6 degrees F. at a concentration of 23.3%. Road surface temperatures are indicated on the side of the chart, solution concentrations along the bottom. The line represents the freeze point of the solution at a given temperature. The darker blue-colored portion in the center of the chart shows the melting range of brine solutions. The area to the left shows the results of a solution with too little salt; the road surface will refreeze unless more salt brine or deicing salt is applied. The area to the right shows the result of too high a salt concentration which, seemingly-paradoxically, will allow the road to refreeze. Weather information is getting better with the introduction of doppler radar reports, often distributed over the Internet or to subscribers of weather service providers. RWIS costs continue to drop as the technology becomes more frequently deployed. Everything from air temperature, dew point, optical weather identifiers, to pavement temperature, surface status, and chemical information is available. Some agencies utilize remote television cameras to monitor traffic and bridge conditions. This information will help agencies accurately determine the appropriate application of anti-icers.

Summary

Anti-icing measures are an important weapon in the snowfighter's arsenal. The appropriate use of anti-icing techniques results in:

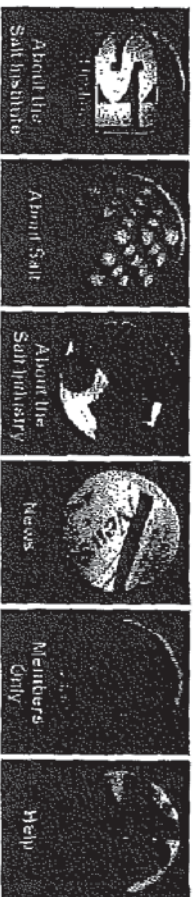
Returning to bare pavement conditions more quickly, saving lives and reducing property damage due to fewer accidents, as well as the reduction of traffic delays and the resulting reduction of losses to local economies;

Reduction in the quantity of deicer use, resulting in cost savings and less environmental

concerns; and

Reduction in the manpower necessary to maintain safe road conditions, resulting in less overtime costs, less operator fatigue and safer working conditions.

For a good summary, see *Wisconsin Transportation Bulletin No. 22*.



[About Salt Institute] [About salt] [About the salt industry] [News] [SI Member Business (password required)] [E Mail Salt Institute]

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Delisle, Cole TRAN:EX

From: Darren Eli [darren@mainroad.co] **To:** Wednesday, November 24, 2010 5:22 PM
To: Delisle, Cole TRAN:EX
Cc: Real Charrois; Bob Nielsen; Mark Bradford; Mike Kelly
Subject: Re: Storm Prep

Sorry Cole I was going to send this email earlier but it slipped my mind.

We have afternoon shifts on in all yards making brine and applying it to the roads giving us a base layer of salt prior to the start of any snow accumulation. There will be trucks out patrolling all night and dealing with any issues that arise. Additional staff come on shift prior to the start of the morning rush and will be plowing as required.

The trucks are all in good shape and we have plenty of salt/sand in stock.

Additional staff have been brought in to the Comm centre to deal with the additional call volumes.

Let me know if you need anything else.

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

From: Cole Delisle
To: Darren Eli
Subject: Storm Prep
Sent: Nov 24, 2010 5:08 PM

Hi Darren,

In light of keeping our executive informed, can you please provide me with a brief overview of the prep in place for the impending forecasted snow event?

Major details not required, simply a summary is appreciated.

Thanks in advance,
Cole

Darren Eli
Operations Manager
Mainroad Lower mainland Contracting Ltd.

Sent from my BlackBerry!

Delisle, Cole TRAN:EX

From: Darren Eli [darren@mainroad.ca]
Sent: Monday, December 6, 2010 10:56 AM
To: Delisle, Cole TRAN:EX
Cc: real@mainroad.ca; bobn@mainroad.ca
Subject: Winter Material Usage

Cole

As requested here are the total amount of materials used up until the end of November.

Salt	897 tonnes
Sand	5 tonnes
Salt Brine	214,086 litres

Hope this helps.

Mainroad Lower Mainland Contracting LP

Darren Eli
Manager, Operations



17474 56th Ave
Surrey BC V3S 1C3
604.250.5759
604.575.7020 ext.1040
Fax: 604.575.7047
www.mainroad.ca

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MONITORING RECORD

Ministry of Transportation & Infrastructure

Details of monitoring observations must be recorded on this form.

SECTION 1: TIME AND LOCATION

FOR PERIOD:	Dec-09	RECORDED BY:	Thomas Chhun
SERVICE AREA # & NAME:	6 / Fraser South	MONITORING RECORD #:	
CONTRACTOR NAME:	Mainroad Contracting Ltd.		

SECTION 2: SUMMARY OF OBSERVATIONS

DATE	LOCATION	OBSERVATIONS	NCR ISSUED
30-Dec	0.0 km Start 232nd St. & 72nd Ave. Springbok Rd. - Glover Rd. - WB	Highway 10 Road Conditions - bare and wet litter on both side of road	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	3.3 km Glover Rd. - Langley Bypass SB	Road Conditions - bare and wet Litter in a few places along the road	<input type="checkbox"/> <input type="checkbox"/>
	6.6 km Langley Bypass - 200 St.WB	Road Conditions - bare and wet	<input type="checkbox"/>
	7.9 km	water ponding on the shoulder	<input type="checkbox"/>
	8.1 km	depression in the road in the right hand thru lane	<input type="checkbox"/>
	0.0 km Highway 10 (Langley Bypass) & 200th St. Highway 10 WB (200th St. - 175th St.)	Road Conditions - bare and wet drains were kepts clear and free flowing	<input type="checkbox"/> <input type="checkbox"/>
	5.4 km Highway 10 & Highway 15	Road Conditions - bare and wet	<input type="checkbox"/>
	9.4 km NB	Shoulder scouring	<input type="checkbox"/>
	11.1 km	Abandoned vehicle - Black Volkswagon Jetta	<input type="checkbox"/>
	Highway 15 (54th Ave. - Highway 1)	Road Conditions - bare and wet	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>