

STONEY TRAIL AGGREGATE RESOURCE

BLV GROUP

Stoney Trail Aggregate Resource
Community Newsletter 2007

12411-85 Street N.W.

We would like to hear from you!!!
Please contact us with any
questions or comments at:403-225-
3459

Email: info@stoneytrailpit.ca
Website: www.stoneytrailpit.ca

Background

Stoney Trail Aggregate Resource (STAR) is a gravel pit located between 112 Avenue and 144 Avenues and between 85 Street and Rocky Ridge Road NW. The entrance is located across from the Calgary Young Offenders Center along 85th street.

Work to open this new gravel resource started in 2005, and full operations have been underway since early 2006. STAR is owned by Alberta Infrastructure and Transportation (AIT). It is operated by the BLV Group.

The BLV Group is a joint venture of three of Calgary's most experienced sand and gravel pit operators. It was awarded a 15 year contract by Alberta Infrastructure & Transportation in 2005 to develop and operate this extensive deposit of aggregates underlying Spy Hill lands.

The companies in the BLV Group are BURNCO Rock Products Ltd., Lafarge Canada Inc. and Volker Stevin Contracting Ltd. The site contains an estimated 130 million tonnes of sand and gravel. The province anticipates keeping 50 million tonnes for public works alone.

The site was named for the upcoming Stoney Trail ring road which is anticipated to use a significant amount of gravel from this site and then serve as the primary road network to distribute the gravel to other parts of the city in the future.

As a result of STAR's unique organization, a variety of contractors and activities are often operating at one time. Currently, there are several projects and activities underway.

STAR Site Activity





- Project:** *Stoney Trail & 16th Ave Interchange*
Alberta Transportation Tender 7212 (Awarded to PCL)
- Details:** This project involves crushing road base and hauling this material to the jobsite.
- Status:** Approximately 100k tonnes of road base was crushed for this project in early 2006 and is now being delivered and placed for the new interchange at Stoney Trail and 16t Ave.
- Project:** *Deerfoot Overlay-17th Avenue north to McKnight Blvd*
Alberta Transportation Tender 7260 (Awarded to South Rock Ltd.)
- Details:** This project involved crushing asphalt material, making asphalt with a portable asphalt plant and hauling that asphalt to the Deerfoot overlay in order to be placed. Due to traffic and safety concerns, it was a requirement of the contract that the asphalt be placed at night.
- Status:** Completion date for this project was August 15th 2007.
- Project:** *NWST Ring Road*
Alberta Infrastructure Tender 7265 (Awarded to South Rock Ltd.)
- Details:** This project involves crushing road base and asphalt material for the new Stoney Trail from County Hills Blvd. to Deerfoot Trail. Asphalt will be made with a portable asphalt plant and hauled to the ring road in order to be placed.
- Status:** Completion date for this project is September 15th 2008. Approximately 100k tonnes of road base has been crushed for this project and is currently being hauled to the jobsite. The remaining material for this job will be crushed through the winter and will be placed during the 2008 construction season.
- Project:** *NEST Ring Road*
Alberta Transportation P3 (Awarded to Flat Iron Contractors.)
- Details:** This project involves hauling bank Pit Run material from STAR to the North East Stoney Trail project right of way where it will be crushed for road base and asphalt material for the new Stoney Trail from Deerfoot Trail to 17 Avenue SE.



Status: Completion date for this project is September 15th 2009. It is anticipated that the contractor will begin hauling Pit Run this winter

Project: BLV Extraction and Stripping

Details: As part of its agreement with Alberta Infrastructure and Transportation, The BLV Group is required and entitled to remove material from Stoney Trail.

Status: BLV has already extracted approximately 130k tonnes of raw material from STAR. A crusher will be moving in mid August to crush a variety of products which will be hauled out before the end of the year. BLV also coordinates all the stripping required on site.



Current Challenges

The BLV Group, AIT, as well as the various onsite contractors are committed to working together with the local community in order to address areas of concern.

Night time noise, dust, and odour:

As a requirement of the Deerfoot Overlay contact, the South Rock Asphalt Plant is required to run at night . Since the initial complaints were received on this issue, several actions have been taken in order to mitigate the impact on the local community.

Noise

- In order to reduce noise, back-up alarms have been replaced with flashing lights on all heavy equipment. In addition, truck routes have been designed to eliminate any need for backing up so as not to activate back-up alarms.
- An extension was made to an existing soil berm located along the southern property line of Stoney Trail in an effort to provide further shielding to the residents in Royal Oak against noise.

Dust

- In order to reduce dust, a dust suppressant was applied to the truck

route in order to mitigate any dust being generated by truck traffic.

Odour

- In order to address odour concerns, a product called A.S. Cherry has been added to the burner fuel. This product is supplied by Asphalt Solutions from the U.S.A. and will help mask the odour of emissions from the asphalt plant.
- An extension was placed on the emission stack out of the asphalt plant in order to drive emissions higher into the atmosphere and further away from local residents.



In addition to these immediate changes, AIT is looking at several actions which would further reduce the impact on local residents. These actions include, but are not limited to:

- requiring future asphalt plants to set up in an orientation that would direct the majority of the sound away from the more densely populated areas surrounding Stoney Trail
- further expansion of the perimeter berms in order to provide greater shielding against noise for local residents
- requiring future plants to burn a different combination of fuels in order to mitigate odor as much as is economically feasible

The Pathway:

Since being built in 2005, The BLV Group has received a variety of calls regarding the paved bicycle path along Rocky Ridge Road (which is the western boundary of Stoney Trail).

Garbage Cans

- Any person using the pathway is expected to carry any garbage they choose to bring with them onto the path. It is also their responsibility to clean up any dog waste and remove that baggy from the pathway as well.



Ponding

- Due to the creation of the soil berm directly behind the pathway, natural paths of drainage were cut off and the pathway has experienced unforeseen ponding in several locations along its length. So far, this ponding has occurred in the spring time as a result of spring melt and rain. At this time, the pathway is clear and passable from beginning to end.
- Several possible solutions have been explored in order to remedy this situation. Raising the pathway or installing extra culverts through the berm in order to provide drainage have all



proven to be unfeasible. Currently, a plan to make ditch alterations in order to direct ponding water to existing culverts is being explored.

- Until this issue is resolved, residents using this pathway are reminded that *weather plays the largest role in the condition of the pathway*. Ultimately, the people that are utilizing this path are responsible for their own safety and should they feel that the pathway is unsafe for *any* reason, they should then refrain from using it so as not to put themselves at risk.

STAR Public Open House

STONEY TRAIL AGGREGATE RESOURCE

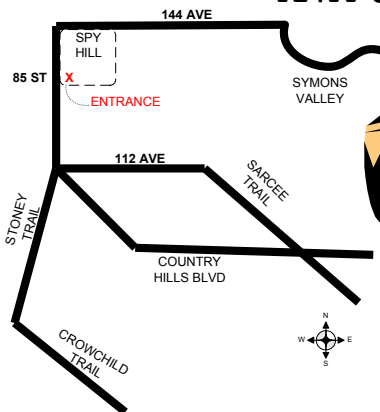
BLV GROUP

You are cordially invited to:

The Stoney Trail Aggregate Resource Open House

Enjoy a free bus tour of Lafarge's Spy Hill
Pit right across the street!

Saturday September 8, 2007
11:00 a.m. - 3:00 p.m.
12411 85th Street N.W.



The Stoney Trail Aggregate Resource Public Open House will be held on **September 8, 2007**. Let's hope that the weather holds up for our event better than it did last year. This will be our first Open House as last years was sadly cancelled due to the down pour we got just days before our scheduled open house. Please bring down friends and family on September 8th and enjoy a free bus tour of Lafarge's Spy Hill pit which is right across the street from STAR. We will also have free food and drinks as well as door prizes to give away. Hope to see you all there!

Free Hot Dogs, Hamburgers and Refreshments
Draws for Door Prizes



In Closing...

Here are a few photographs taken this year at Stoney Trail...



One of the regular visitors to Stoney Trail is a cow moose that likes to hang out in water ponds throughout the property.

Another visitor.....



Oops... University cattle running loose on one of Stoney Trails soil berms.