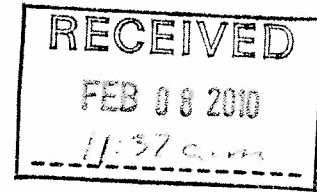


by hand
8 Feb 2010



Highways and Public Works
Transportation Engineering Branch (W-13)
461 Range Road, Whitehorse, Yukon



February 8, 2010

YUKON WATER
BOARD
APPLICATION # *MS09-287*

Yukon Water Board
Suite 106
419 Range Road
Whitehorse, YT Y1A 3V1

RE: Information Request on Water Use Application MS09-287

Dear Sir/Madam,

In response to your request of December 30, 2009, please find attached the schematic for the temporary bridge at Haunka Creek, the plan and profile of the proposed infill for the wet area, and an information sheet containing information regarding the gradation of the granular material to be used for the infill. This information is pertaining to Water Use Application MS09-287, which is regarding the reconstruction of km 11.65 to 22 of the Atlin Road and the Haunka Creek Bridge replacement.

Should any questions arise, do not hesitate to contact me at either
Rob.Walker@gov.yk.ca or (867) 633-7929.

Sincerely,

A handwritten signature in black ink, appearing to be "Rob Walker", written over a horizontal line.

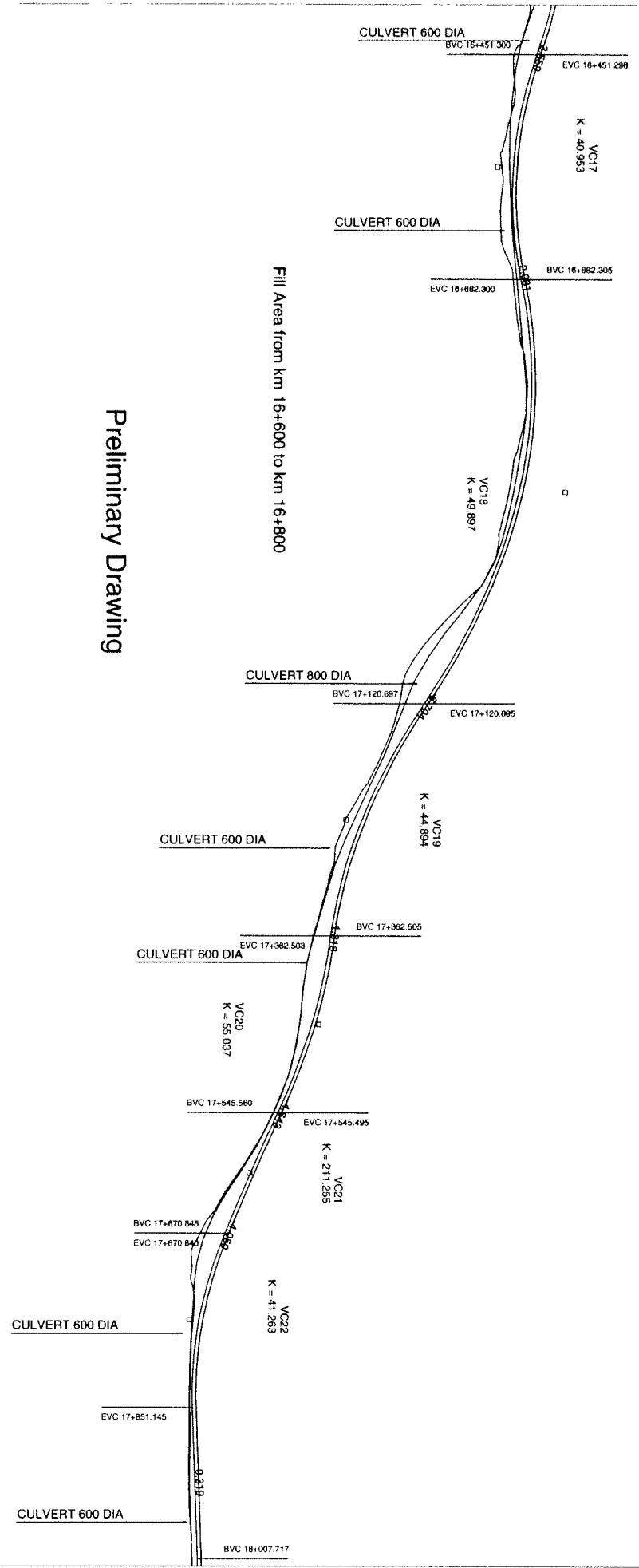
Rob Walker
Manager, Environmental Affairs

TABLE 1
AGGREGATE GRADATION TABLE
GRANULAR COURSE MATERIAL

C.G.S.B. 8-GP-2M Sieve (µm) Designation	Percent Passing by Mass					
	Gran "A" 20 mm Crushed Base Course Aggregate	Gran "B" 50 mm Crushed Sub Base Course Aggregate	Gran "C" 80 mm Crushed Sub Base Course Aggregate	Gran "D" 80 mm Pit Run Sub Base Course Aggregate	Gran "E" 200 mm Pit Run Sub Base Course Aggregate	Gran "F" 20 mm Crushed Runway Surfacing Aggregate
200,000	----	----	----	----	100	
80,000	----	----	100	100	75 - 100	
50,000	----	100	----	----	----	
25,000	----	55 - 100	55 - 100	55 - 100	55 - 100	
20,000	100	----	----	----	----	100%
12,500	64 - 100	38 - 71	42 - 84	42 - 84	42 - 84	
10,000						52 - 86
5,000	36 - 72	22 - 54	26 - 65	26 - 65	26 - 65	36 - 66
2,500	18 - 54	14 - 42				26 - 51
1,250	12 - 42	9 - 33	11 - 47	11 - 47	11 - 47	21 - 43
315	4 - 22	3 - 20	3 - 30	3 - 30	3 - 30	13 - 26
80	3 - 6	0 - 7	0 - 8	0 - 8	0 - 8	5.5 - 10.5

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FEB 08 2006

YUKON WATER
BOARD
APPLICATION # M509-287



Preliminary Drawing

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YUKON WATER BOARD
APPLICATION # M2009-267



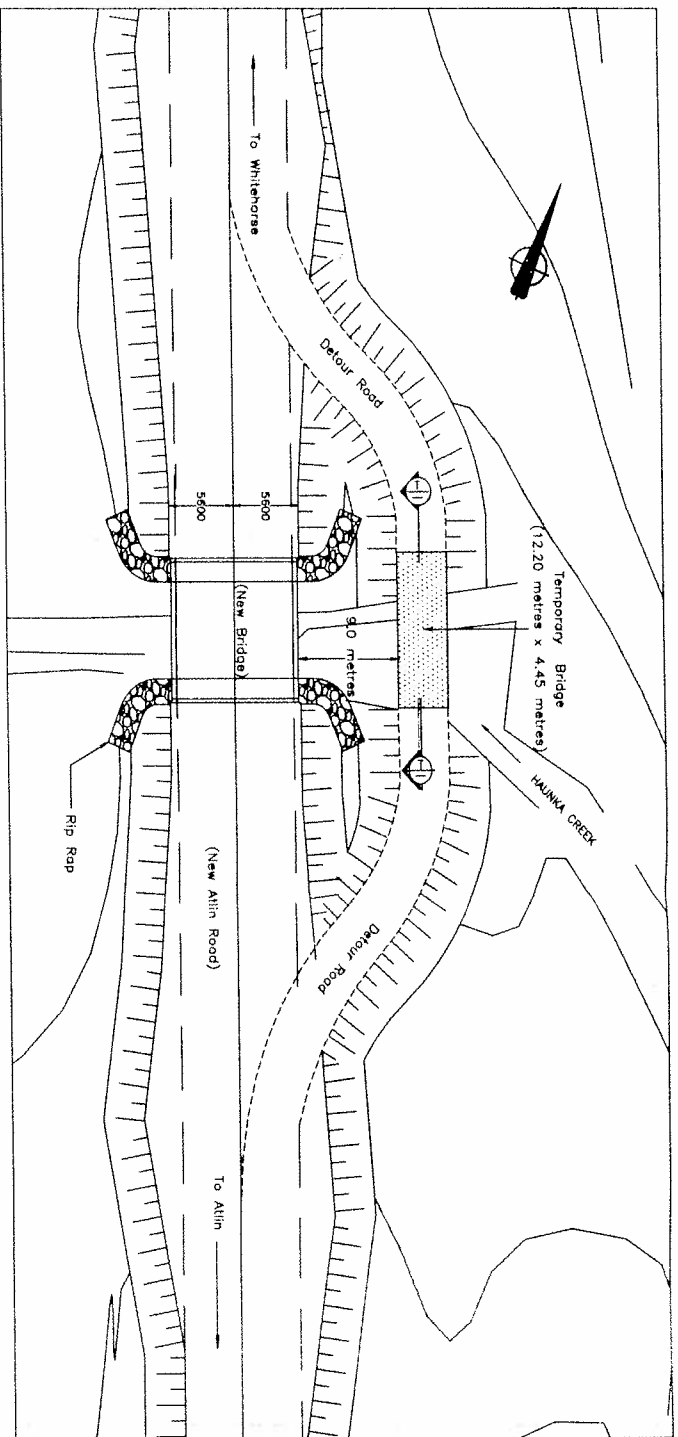
YKON MAIL
 MAIL
 APPLICATION # 10007-2-01

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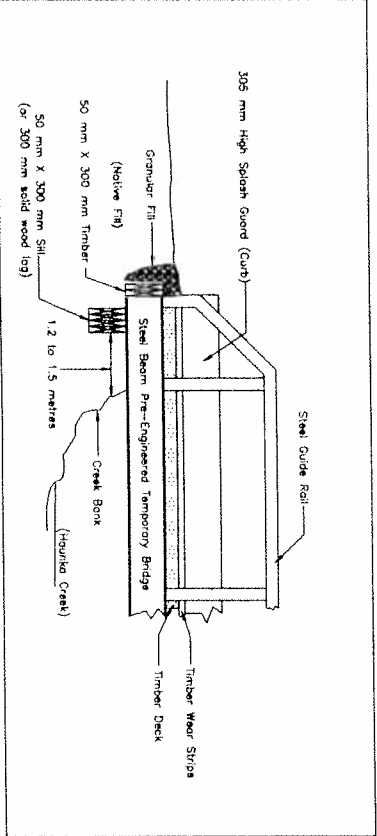
ATLIN ROAD HIGHWAY PROJECT
 Reconstruction km 11.5 to km 20.0

Yikon
 Highways and Public Works
 Transportation Engineering Branch

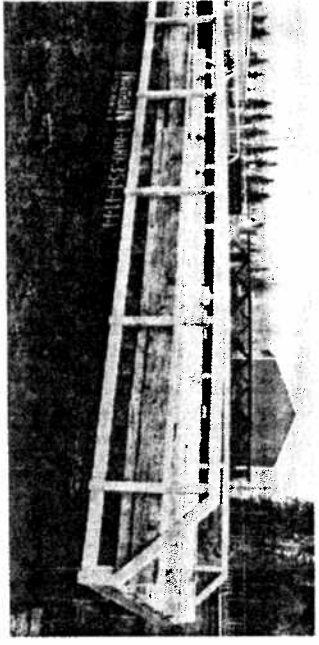
date: Jan 2010
 scale: 1 : 5,000
 dwg: km 15+100 to 17+400



Temporary Bridge Plan (NTS)



Cross Section (T/-) Temporary Bridge Abutment (NTS)



Temporary Bridge Photo (NTS)

YUKON WATER BOARD
APPLICATION # 501-287

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FEB 19 2010
12:07 PM

- Notes:
- 1) Pre-engineered Temporary Bridge Specifications:
 - Minimum 4268 mm running surface
 - Min. 305 mm splash guard
 - Minimum 915 mm high guide rail
 - Design: CAN/CSA S6-06
 - Loading: CL625
 - Welding to conform to CSA M59 specifications
 - 2) Final location of Temporary Bridge may be adjusted slightly due to field conditions
 - 3) No infill shall be permitted in Haunka Creek
 - 4) Temporary Bridge Standard of Acceptance: Northern Mat & Bridge LTD or alternate as approved by the Engineer
- NOTE: PRELIMINARY DRAWING

PROJECT: BRIDGE REPLACEMENT
km 12.7
ATLIN ROAD #7

DRAWING TITLE: Haunka Creek Temporary Bridge

DATE: JAN, 2010 HORIZONTAL SCALE: N.T.S.
DRAWN: D. Ross VERTICAL SCALE: N.T.S.

PROFESSIONAL ENGINEER
M.A.E. 19/01/2010
REG # 1576

DESIGN: D. Ross	CHECKED: M. Idrees	DRAWING NO: 07-12-08	SHEET 9 of 9
APPROVED: M. Idrees			