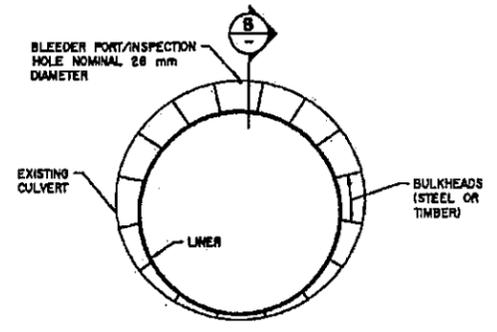
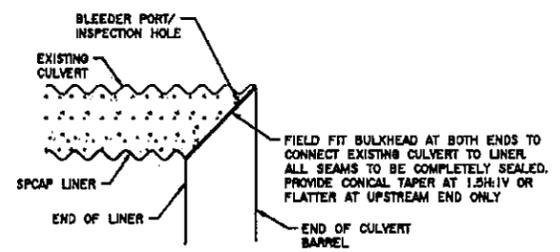


LOCATION MAP
NTS

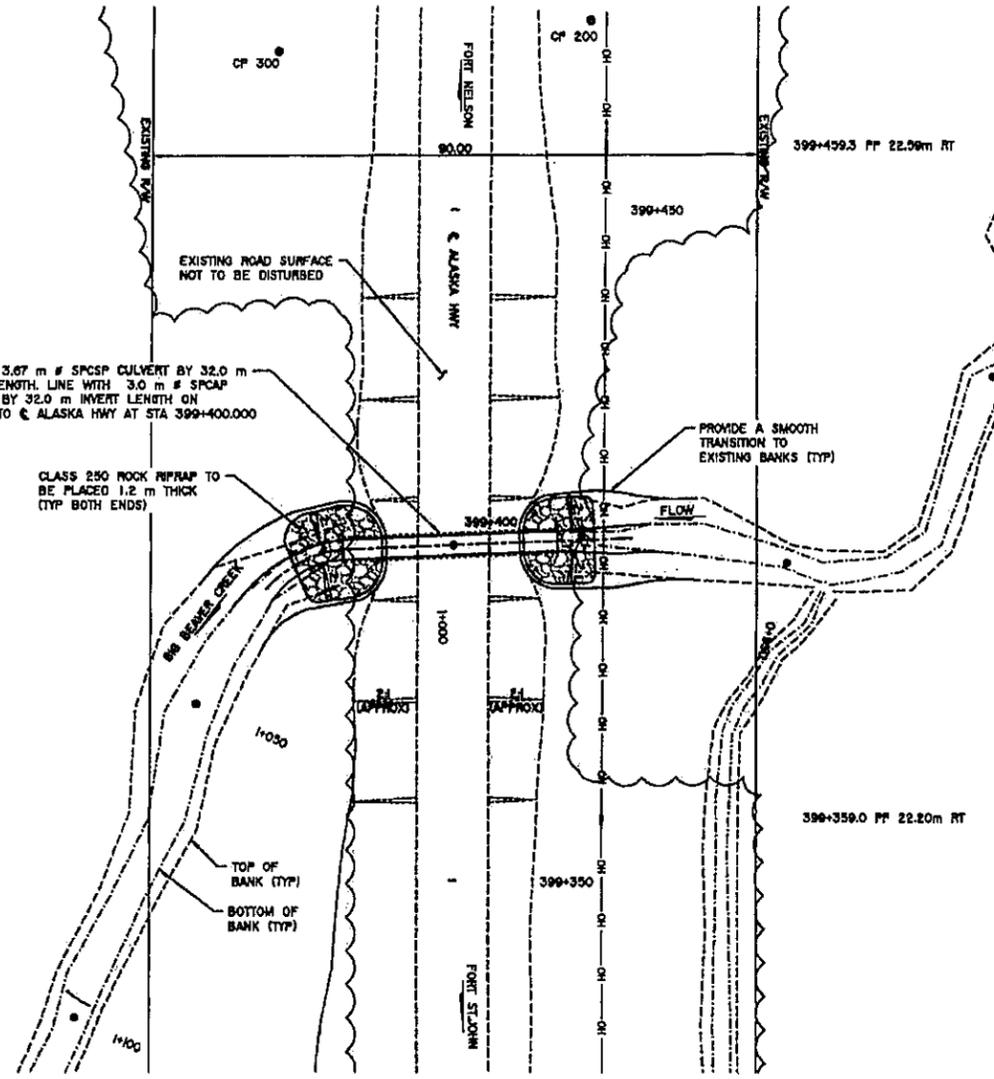
- SURVEY**
1. SURVEY BY WSP, UNDER THE DIRECTION OF MR. KURT PETRICA, P. ENGR, JUNE 2014
 2. SURVEYED IN UTM NAD 83 ZONE 10
- BENCHMARKS**
1. CP 100, IRON SPIKE, LOCATED 16.482 m LT OF HIGHWAY ALIGNMENT AT STA 399+284.144, EL 547.257 - (N=6468383.785 E=516732.218)
 2. CP 200, IRON SPIKE, LOCATED 20.215 m RT OF HIGHWAY ALIGNMENT AT STA 399+478.093, EL 548.713 - (N=6468579.870 E=516768.192)
 3. CP 300, IRON SPIKE, LOCATED 26.505 m RT OF HIGHWAY ALIGNMENT AT STA 399+473.611, EL 550.191 - (N=6468575.210 E=516721.489)
 4. CP 400, IRON SPIKE, LOCATED 32.298 m LT OF HIGHWAY ALIGNMENT AT STA 399+290.831, EL 547.576 - (N=6468392.451 E=516700.973)



END DETAIL
1:50



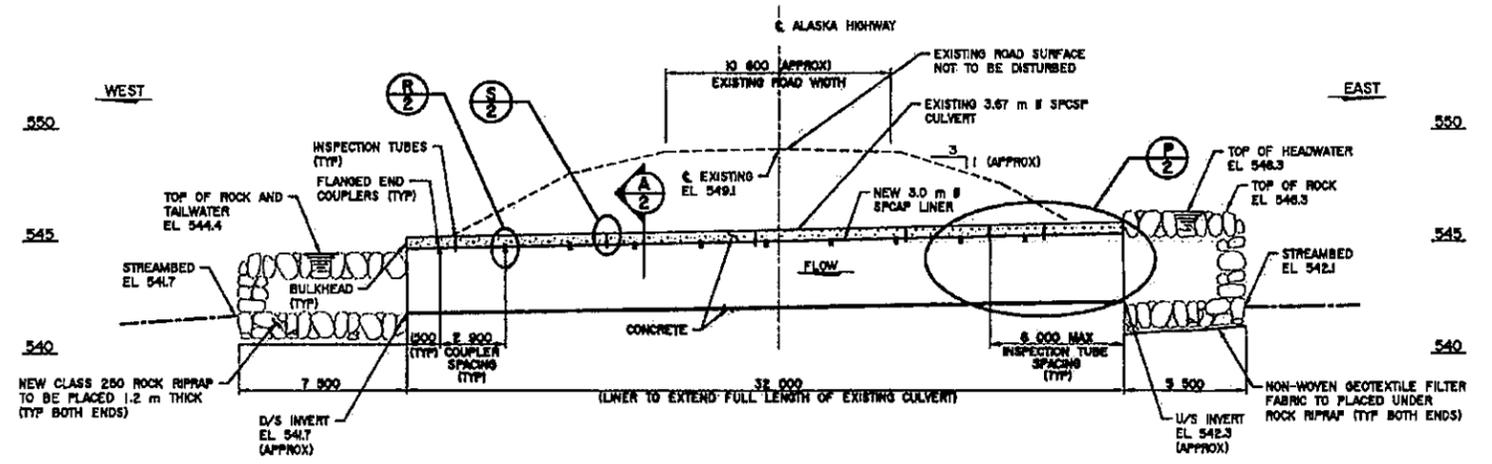
SECTION B
1:10



SITE PLAN
1:500

GENERAL NOTES

- GENERAL**
1. DIMENSIONS ARE GIVEN IN MILLIMETRES UNLESS NOTED OTHERWISE
 2. ALL SPCAP MATERIAL SHALL CONFORM TO THE CURRENT VERSION OF CSA STANDARD S401
 3. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT VERSION OF CSA STANDARD W59, WELDED STEEL CONSTRUCTION (METAL ARC WELDING)
 4. DESIGN SPECIFICATION: CAN/CSA-S6-08
 5. POSTED SPEED LIMIT = 90 Km/h
- HYDROTECHNICAL SUMMARY**
1. TOTAL DRAINAGE AREA = 22 km²
 2. Q₁₀₀ DESIGN FLOOD = 20 m³/s
 3. MEAN OUTLET VELOCITY AT PROPOSED CULVERT FOR DESIGN FLOOD = 3.7 m/s
 4. AVERAGE SURVEYED SLOPE OF STREAMBED = 0.008 m/m
- NEW STRUCTURE**
1. 3.0 m DIA SPCAP LINER BY 32.0 m INVERT LENGTH ON SQUARE TO ALASKA HIGHWAY AT STATION 399+400.000
 2. WALL THICKNESS IS 3.81 mm, ALUMINUM, CORRUGATION PROFILE 229 mm x 64 mm OR EQUIVALENT



LONGITUDINAL SECTION THROUGH LINER/CULVERT
1:150
(ON SQUARE TO ALASKA HWY TAKEN ON CULVERT AT STATION 399+400.000)

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SHEET	DESCRIPTION
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NO.	REVISION/DESCRIPTION	DATE

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

REAL PROPERTY SERVICES PACIFIC REGION

Project No./N^o de projet
ALASKA HIGHWAY, km 399.4 BRITISH COLUMBIA

BIG BEAVER CREEK BRIDGE CULVERT LINER INSTALLATION

Approved by/Approuvé par

Designed by/Conçu par
KURT PETRICA, P. ENGR - 2014/07/06

Drawn by/Dessiné par
DORIS SAUCER - 2014/07/06

Project Manager/Adjoint du directeur de projets
ALEX TAYLOR, P. ENGR

Professional Engineer/Ingénieur professionnel
Kurt Petrica, No. 1241, 2014/07/06

Client/Client

Drawing No./N^o de dessin

GENERAL LAYOUT

Project No./N ^o de projet	Sheet/Feuille	Revision/Version
R.017173.603	1	0
		of 2