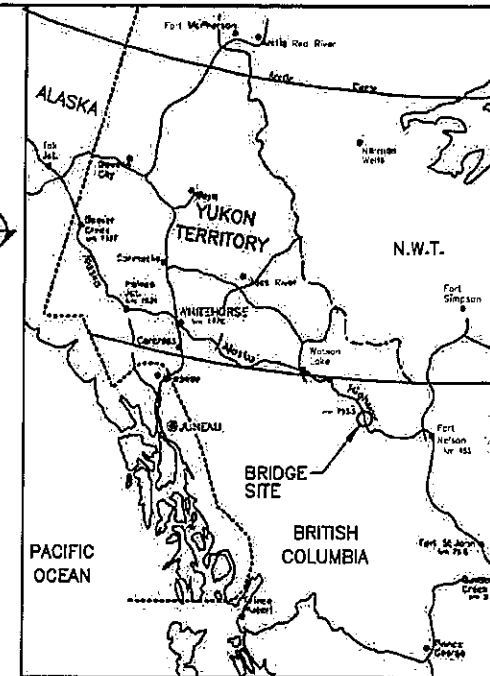


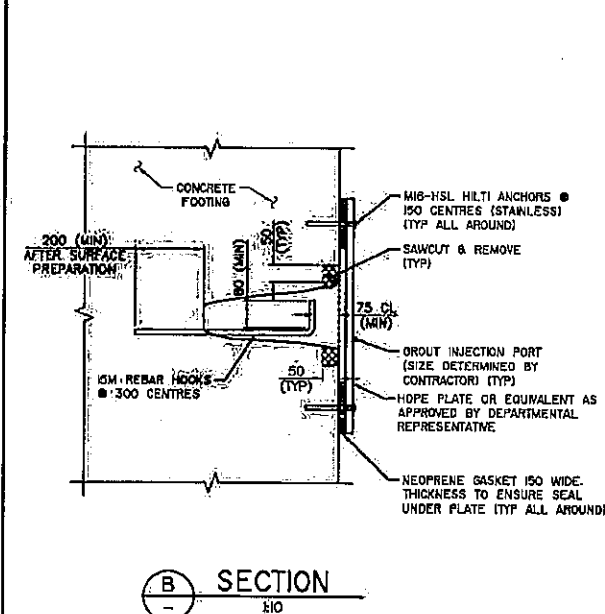
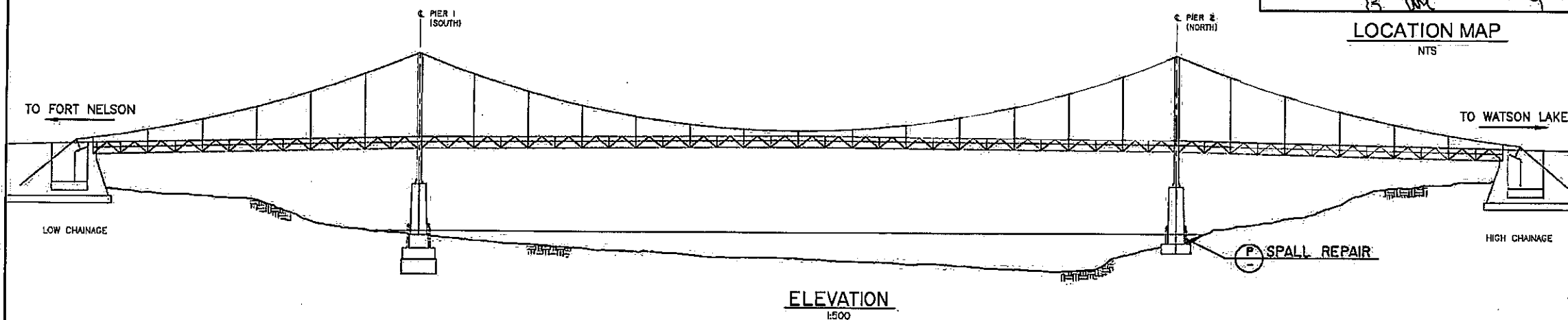
NOTE:

1. PROVIDE GROUT INJECTION PORTS AT APPROXIMATELY 1500 FOR AREAS TO BE REPAIRED BY GROUT INJECTION AS REQUIRED TO ENSURE FULL GROUTING
2. VERTICAL DIMENSIONS EXAGGERATED FOR CLARITY

P SPALL REPAIR
1:25 HOR
1:10 VERT



LOCATION MAP
NTS



NOTE:

1. PROVIDE GROUT INJECTION PORTS AT APPROXIMATELY 1500 FOR AREAS TO BE REPAIRED BY GROUT INJECTION AS REQUIRED TO ENSURE FULL GROUTING
2. DAMAGED AREAS IN EXCESS OF 150 DEEP SHALL HAVE REBAR HOOKS INSTALLED
3. HOOKS SHALL BE 15M BARS AND EPOXIED INTO 200 DEEP DRILLED HOLES
4. HOOKS SHALL BE ON 300 CENTRES AND HAVE MINIMUM 75 CLEAR CONCRETE COVER
5. SAWCUT AND REMOVE MINIMUM 50 WIDE AND 50 DEEP OF EXISTING SURFACE ALL AROUND AREAS TO BE REPAIRED
6. REMOVE DAMAGED AND LOOSE CONCRETE AND CLEAN AREA THOROUGHLY PRIOR TO GROUTING
7. VERTICAL DIMENSIONS EXAGGERATED FOR CLARITY

B SECTION
1:25 HOR
1:10 VERT

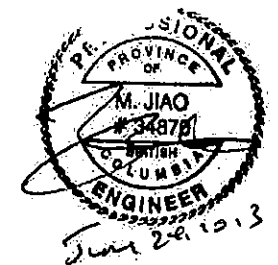
GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
2. VOID DIMENSIONS AND LOCATIONS SHOWN ON THIS DRAWING HAVE BEEN OBTAINED FROM PREVIOUS INSPECTION (2011). PRIOR TO PREPARATION OF FABRICATION DRAWINGS OR ON SITE CONSTRUCTION THE CONTRACTOR SHALL FIELD MEASURE ALL THE VOIDS WHICH ARE OR WILL BE AFFECTED BY THE NEW CONSTRUCTION. IN CASES OF DISCREPANCIES FIELD MEASURED DATA SHALL BE USED.
3. PERFORMED CONCRETE CONSTRUCTION ACCORDING TO CAN/CSA-A231.1-94
4. THE LOWER LIARD RIVER IS A FAST FLOWING STREAM LADEN WITH SEDIMENT, CONSTITUTING A HAZARDOUS ENVIRONMENT FOR CONSTRUCTION PERSONAL AND DIFFICULTY FOR DIVERS
5. SOME DRAWINGS OF THE EXISTING BRIDGE PIERS AND FOUNDATION ARE AVAILABLE FOR INSPECTION AT DEPARTMENTAL REPRESENTATIVE OFFICE. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL INFORMATION AND DIMENSIONS RELATING TO EXISTING STRUCTURE AND SITE CONDITIONS, INCLUDING WATER LEVEL. ANY FURTHER INFORMATION REQUIRED MUST BE OBTAINED BY FIELD MEASUREMENT, INCLUDING UNDERWATER SURVEY
6. ANCHORS TO EXISTING CONCRETE BASE SHALL BE SUITABLE FOR AN ALLOWABLE TENSILE LOAD OF 60 KN AND A CONCURRENT SHEAR LOAD OF 100 KN AS A TEMPORARY LOADING AND INSTALLED AND SET ACCORDING TO MANUFACTURE'S SPECIFIED PROCEDURE
7. VERIFY AND RECORD ALL EXISTING PIER AND PIER BASE INFORMATION SHOWN ON THE DRAWINGS. REPORT ANY DISCREPANCY TO ENGINEER IMMEDIATELY
8. DETERMINE AND RECORD ALL RELEVANT SPOT LEVELS OF RIVER BED

Public Works and Government Services Canada
REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

GENIVAR

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1.		
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3.		
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6.	DESIGN COMPLETION	01/12/13
7.	DESCRIPTION/DESCRIPTION	
8.	Client/Client	

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
REAL PROPERTY SERVICES
PACIFIC REGION

Project No./Projet: ALASKA HIGHWAY, km 783.3
BRITISH COLUMBIA

LOWER LIARD RIVER BRIDGE
UNDERWATER CONCRETE
REPAIR AT PIER 2 (NORTH)

Designed by/Conçu par: MING JIAO - 2012/01/15
Drawn by/Dessiné par: D.K. MARM - 2013/06/15
Project Manager/Responsable de projet: ALEX TAJERI
Regional Manager, Architectural and Engineering Services
Gestionnaire régional, Services d'architecture et de génie, 17500
Drawing title/Projet de dessin: PIER 2 (NORTH)
ELEVATIONS, DETAILS
AND SECTIONS

Project No./Projet: R.D17173.031	Sheet/Feuille: 1 OF 1	Revision no./ No. de révision: 0
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