



PHOTO 1 - FACING TOWN AT 3.3KM - PLUGGED CULVERT, INLET. WATER FLOWED ALONG ROAD TO TOWN
INSTALL NEW 800mm DIA X 9m LONG CMP CULVERT. EXCAVATE SUMP AT INLET. ARMOUR INLET/OUTLET AS REQUIRED.



PHOTO 2 - FACING WOODS NEAR 3.3 KM - DAMAGED SECTION OF ROAD DOWN CHAIN FROM CULVERT
RE-ESTABLISH ROAD PRISM AND REPAIR SURFACE DAMAGE WITH LOCAL MATERIAL.



PHOTO 3 - FACING TOWN AT 5.3KM - PARTIALLY PLUGGED TWIN CULVERTS, ROAD EROSION AT OUTLET
INSTALL NEW CULVERT AS PER ENGINEERED DESIGN



PHOTO 4 - FACING TOWN AT 9.2KM - CULVERT FUNCTIONING, PARTIALLY PLUGGED
CLEAN INLET, EXCAVATE SUMP, REMOVE DEBRIS. REPAIR MINOR SURFACE DAMAGE ALONG ROAD

8123.01 AMERICAN CREEK FSR

3.3km

DAMAGE

FULLY PLUGGED CULVERT. WATER FLOWED DOWN ROAD, TOWARDS TOWN, CAUSING SURFACE DAMAGE AND EROSION FOR ROUGHLY 150m.

REPAIR PRESCRIPTION

INSTALL NEW 800mm DIA. X 9m LONG CMP CULVERT. REMOVE OLD CULVERT IF FOUND. EXCAVATE SUMP AT INLET AND ARMOUR INLET/OUTLET AS REQUIRED. RE-ESTABLISH ROAD PRISM AND REPAIR ALL SURFACE DAMAGE WITH LOCAL MATERIAL.

5.3km

DAMAGE

TWIN 800mm DIA CULVERTS OVERWHELMED DURING HIGH FLOW. WATER FLOWED OVER ROAD, CAUSING EROSION OF ROAD PRISM AT OUTLET. CULVERTS REMAIN PARTIALLY PLUGGED AT INLET.

REPAIR PRESCRIPTION

ROAD RPISM TO BE REPAIRED ANDUNDERSIZED CULVERTS TO BE REPLACED WITH 2200mm DIAMETER X 17m LONG CMP CULVERT AS PER:
GENERAL ARRANGEMENT OF CK-2590 AMERICAN FSR 5.3KM , DWG NO. 22-058 Q1 SHEETS 1 TO 7, PREPARED BY STONECROFT ENGINEERING, DATED 2023-02-17

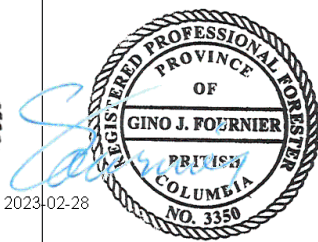
9.2km

DAMAGE

PARTIALLY PLUGGED CULVERT. WATER FLOWED OVER ROAD CAUSING MINOR SURFACE DAMAGE.

REPAIR PRESCRIPTION

CLEAN INLET OF CULVERT, EXCAVATE SUMP AND REMOVE DEBRIS. REPAIR MINOR SURFACE DAMAGE ALONG ROAD WITH LOCAL MATERIAL.



2023-02-28
PERMIT TO PRACTICE NUMBER: 1003022
ENGINEERS AND GEOSCIENTISTS BC



MINISTRY OF FORESTS
COAST ENGINEERING GROUP

DRAWING TITLE:

ROAD REPAIR PRESCRIPTION
8123.01 AMERICAN CREEK FSR 3.3km - 9.2km

PAGE 1 OF 1

ROAD:	8123.01 AMERICAN CREEK FSR	PRESCRIPTION DETAILS: MINOR CULVERT INSTALLATION / REPAIRS AND ROAD SURFACE REPAIRS
STATION:	3.3km - 9.2km (APPROXIMATE)	
LOCATION:	49°25'37.60"N, 121°28'13.00"W	
DISTRICT:	CHILLIWACK NATURAL RESOURCE DISTRICT	

PREPARED BY: F.SIMPSON, EIT MINISTRY OF FORESTS	DATE: FEBRUARY 28, 2023	APPROVED BY: G. FOURNIER, RPF, P.ENG MINISTRY OF FORESTS	DATE: FEBRUARY 28, 2023
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