

# Government of Northwest Territories Bridge Replacement Project No. SC-INF01-6081-2023 JEAN MARIE RIVER BRIDGE HIGHWAY No. 1 (MACKENZIE HIGHWAY) km 411.2

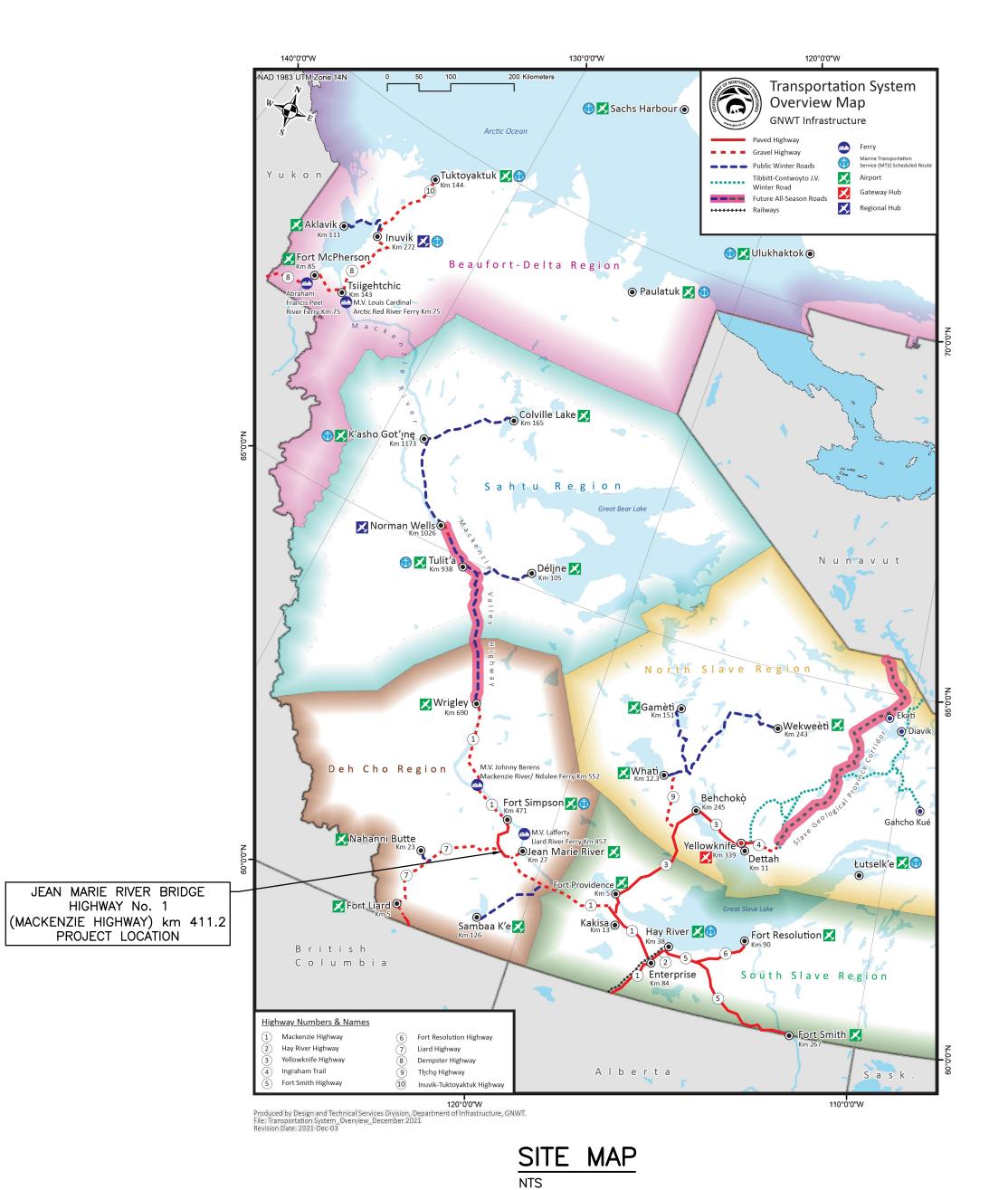
ISSUED FOR CONSTRUCTION

### DRAWING LIST

COVER   COVER SHEET	DRAWING No.	DRAWING TITLE	SHEET No.
CODITION   CRAWING LIST AND SITE MAP   2	GENERAL		
CMUL  COO1	COVER	COVER SHEET	1
CADDITION   CADD	G001	DRAWING LIST AND SITE MAP	2
CADDITION   CADD	CIVIL		
CIO11   PLAM AND PROPILE - SHEET 1	C001	GENERAL NOTES AND LEGEND	3
C110 LLO PLAN AND PROPILE C111 L20 PLAN AND PROPILE C201 LANNING AND DEOMETRICS 8 8 C211 SIGNING AND PAYMENT MARKING 9 9 C211 SIGNING AND PAYMENT MARKING 9 1 C302 TYPICAL SECTIONS - SHEET 1 10 C302 TYPICAL SECTIONS - SHEET 2 11 C302 CILVERT SECTIONS - SHEET 2 11 C303 CULVERT SECTIONS - SHEET 2 11 C302 CILVERT SECTIONS - SHEET 2 11 C302 CILVERT SECTIONS - SHEET 2 11 C303 CILVERT SECTIONS - SHEET 2 11 C500 L100 CROSS SECTIONS - SHEET 2 14 C600 L100 CROSS SECTIONS - SHEET 3 15 C600 L100 CROSS SECTIONS - SHEET 3 15 C600 L100 CROSS SECTIONS - SHEET 4 16 C600 L100 CROSS SECTIONS - SHEET 4 16 C600 L100 CROSS SECTIONS - SHEET 6 17 C600 L100 CROSS SECTIONS - SHEET 6 17 C600 L100 CROSS SECTIONS - SHEET 6 18 C600 L100 CROSS SECTIONS - SHEET 7 19 C600 L100 CROSS SECTIONS - SHEET 7 19 C600 L100 CROSS SECTIONS - SHEET 1 12 L10 CROSS SECTIONS - SHEET 1 12 L20 CROSS SECTIONS - SHEET 2 12 STRUCTURAL SCOIL CROSS SECTIONS - SHEET 1 12 SCOIL CROSS SECTIONS - SHEET 2 12 STRUCTURAL SCOIL CROSS SECTIONS - SHEET 1 12 SCOIL CROSS SECTIONS - SHEET 2 12 SCOIL CROSS SECTIONS - SHEET 1 12 SCOIL CROSS SECTIONS - SHEET 2 12 SCOIL CROSS SECTIONS - SHEET 1 12 SCOIL CROSS SECTIONS -	C101	PLAN AND PROFILE - SHEET 1	4
C111	C102		5
C2011	C110	L10 PLAN AND PROFILE	6
C211	C111	L20 PLAN AND PROFILE	7
C301	C201	LANING AND GEOMETRICS	8
C302	C211	SIGNING AND PAVEMENT MARKING	9
C310	C301	TYPICAL SECTIONS - SHEET 1	10
C601	C302	TYPICAL SECTIONS - SHEET 2	11
C602	C310	CULVERT SECTIONS AND DETAILS	12
C603         L100 CROSS SECTIONS - SHEET 3         15           C604         L100 CROSS SECTIONS - SHEET 4         16           C605         L100 CROSS SECTIONS - SHEET 5         17           C606         L100 CROSS SECTIONS - SHEET 6         18           C607         L100 CROSS SECTIONS - SHEET 7         19           C610         L10 CROSS SECTIONS - SHEET 1         21           C610         L10 CROSS SECTIONS - SHEET 1         21           C620         L20 CROSS SECTIONS - SHEET 2         22           STRUCTURAL         STRUCTURAL         23           S001         GENERAL LAYOUT         23           S002         GENERAL NOTES         24           S003         GEOTECHINCAL INFORMATION SHEET         25           S004         ABUTMENT LAYOUT         26           S005         FOUNDATION LAYOUT - SHEET 1         27           S006         FOUNDATION LAYOUT - SHEET 2         28           S007         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 1         29           S008         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         31           S010         PRECAST ABUTMENT DEAT LEMENT DETAILS - SHEET 3         31           S011         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 3 <td< td=""><td>C601</td><td>L100 CROSS SECTIONS - SHEET 1</td><td>13</td></td<>	C601	L100 CROSS SECTIONS - SHEET 1	13
C604	C602	L100 CROSS SECTIONS - SHEET 2	14
17	C603	L100 CROSS SECTIONS - SHEET 3	15
C606	C604	L100 CROSS SECTIONS - SHEET 4	16
19	C605	L100 CROSS SECTIONS - SHEET 5	17
6610         L10 CROSS SECTIONS         20           C620         L20 CROSS SECTIONS - SHEET 1         21           C621         L20 CROSS SECTIONS - SHEET 2         22           STRUCTURAL         20         23           SO01         GENERAL LAYOUT         23           SO02         GENERAL NOTES         24           SO03         GEOTECHNICAL INFORMATION SHEET         25           SO04         ABUTMENT LAYOUT         26           SO05         FOUNDATION LAYOUT - SHEET 1         27           SO06         FOUNDATION LAYOUT - SHEET 1         27           SO06         FOUNDATION LAYOUT - SHEET 2         28           SO07         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 1         29           SO08         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 2         30           SO09         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         31           SO110         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         32           S011         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         31           S012         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4         32           S013         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 1         34           S014         PRECAST ABUTME	C606	L100 CROSS SECTIONS - SHEET 6	18
L20 CROSS SECTIONS - SHEET 1   21	C607	L100 CROSS SECTIONS - SHEET 7	19
6621         L20 CROSS SECTIONS - SHEET 2         22           STRUCTURAL         201         GENERAL LAYOUT         23           S001         GENERAL NOTES         24           5002         GENERAL NOTES         24           5003         GEOTECHNICAL INFORMATION SHEET         25           5004         ABUTMENT LAYOUT         SHEET 1         26           5005         FOUNDATION LAYOUT - SHEET 1         27           5006         FOUNDATION LAYOUT - SHEET 2         28           5007         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 1         29           5008         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 2         30           5009         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         31           5010         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4         32           5011         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 3         33           5012         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1         34           5013         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 2         35           5014         PRECAST SLEEPER BEAM ELEMENT DETAILS - SHEET 1         34           5015         BEARING LAYOUT         37           5016         BEARING AND SHEAR BLOCK DETAILS - SHEE	C610	L10 CROSS SECTIONS	20
STRUCTURAL	C620	L20 CROSS SECTIONS - SHEET 1	21
5001         GENERAL LAYOUT         23           5002         GENERAL NOTES         24           5003         GEOTECHNICAL INFORMATION SHEET         25           5004         ABUTMENT LAYOUT         26           5005         FOUNDATION LAYOUT — SHEET 1         27           5006         FOUNDATION LAYOUT — SHEET 1         28           5007         PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 1         29           5008         PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 2         30           5009         PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 3         31           5010         PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 4         32           5011         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS — SHEET 4         32           5012         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS — SHEET 1         34           5013         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS — SHEET 2         35           5014         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS — SHEET 3         36           5015         BEARING LAYOUT         37           5016         BEARING AND SHEAR BLOCK DETAILS         38           5017         GIRDER DETAILS — SHEET 1         40           5020         GIRDER DETAILS — SHEET 3         42	C621	L20 CROSS SECTIONS - SHEET 2	22
5001         GENERAL LAYOUT         23           5002         GENERAL NOTES         24           5003         GEOTECHNICAL INFORMATION SHEET         25           5004         ABUTMENT LAYOUT         26           5005         FOUNDATION LAYOUT — SHEET 1         27           5006         FOUNDATION LAYOUT — SHEET 1         28           5007         PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 1         29           5008         PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 2         30           5009         PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 3         31           5010         PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 4         32           5011         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS — SHEET 4         32           5012         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS — SHEET 1         34           5013         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS — SHEET 2         35           5014         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS — SHEET 3         36           5015         BEARING LAYOUT         37           5016         BEARING AND SHEAR BLOCK DETAILS         38           5017         GIRDER DETAILS — SHEET 1         40           5020         GIRDER DETAILS — SHEET 3         42	STRUCTURAL		
S002         GENERAL NOTES         24           S003         GEOTECHNICAL INFORMATION SHEET         25           S004         ABUTMENT LAYOUT         26           S005         FOUNDATION LAYOUT - SHEET 1         27           S006         FOUNDATION LAYOUT - SHEET 2         28           S007         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 1         29           S008         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 2         30           S009         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         31           S010         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         31           S011         PRECAST ABUTMENT DIAPHRAGM ELEMENT DETAILS - SHEET 3         32           S011         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1         34           S012         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1         34           S013         PRECAST SLEEPER BEAM ELEMENT DETAILS - SHEET 2         35           S014         PRECAST SLEEPER BEAM ELEMENT DETAILS - SHEET 1         36           S015         BEARING LAYOUT         37           S016         BEARING AND SHEAR BLOCK DETAILS         38           S017         GIRDER DETAILS - SHEET 1         40           S018         GIRDER DETAILS - SHEET 3         4		GENERAL LAYOUT	23
S003         GEOTECHNICAL INFORMATION SHEET         25           S004         ABUTMENT LAYOUT         26           S005         FOUNDATION LAYOUT - SHEET 1         27           S006         FOUNDATION LAYOUT - SHEET 2         28           S007         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 1         29           S008         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 2         30           S009         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         31           S010         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4         32           S011         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4         32           S011         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1         34           S012         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1         34           S013         PRECAST SLEEPER BEAM ELEMENT DETAILS - SHEET 2         35           S014         PRECAST SLEEPER BEAM ELEMENT DETAILS - SHEET 2         36           S015         BEARING AND SHEAR BLOCK DETAILS         38           S017         GIRDER DETAILS - SHEET 1         40           S018         GIRDER DETAILS - SHEET 2         41           S020         GIRDER DETAILS - SHEET 3         42           S021         GIRDER DETAILS - SHEET 3 <td></td> <td></td> <td></td>			
S004   ABUTMENT LAYOUT   SHEET 1   27   27   27   28   28   27   27   28   28			
S005         FOUNDATION LAYOUT - SHEET 1         27           S006         FOUNDATION LAYOUT - SHEET 2         28           S007         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 1         29           S008         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 2         30           S009         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         31           S010         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4         32           S011         PRECAST ABUTMENT DIAPHRAGM ELEMENT DETAILS         33           S012         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1         34           S013         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 2         35           S014         PRECAST SLEEPER BEAM ELEMENT DETAILS - SHEET 2         36           S015         BEARING LAYOUT         37           S016         BEARING LAYOUT         39           S017         GIRDER LAYOUT         39           S018         GIRDER DETAILS - SHEET 1         40           S020         GIRDER DETAILS - SHEET 2         41           S021         GIRDER DETAILS - SHEET 3         42           S022         DECK AND APPROACH SLAB LAYOUT         44           S023         PRECAST TYPICAL DECK DETAILS - SHEET 1         45			
S006   FOUNDATION LAYOUT - SHEET 2   28   S007   PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 1   29   S008   PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 2   30   S009   PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3   31   S010   PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4   32   S011   PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4   32   S011   PRECAST ABUTMENT DIAPHRAGM ELEMENT DETAILS   S151   S1			
S007         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 1         29           S008         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 2         30           S009         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         31           S010         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4         32           S011         PRECAST ABUTMENT DIAPHRAGM ELEMENT DETAILS         33           S012         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1         34           S013         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 2         35           S014         PRECAST SLEEPER BEAM ELEMENT DETAILS - SHEET 2         35           S014         PRECAST SLEEPER BEAM ELEMENT DETAILS - SHEET 2         36           S015         BEARING LAYOUT         37           S016         BEARING AND SHEAR BLOCK DETAILS         38           S017         GIRDER LAYOUT         39           S018         GIRDER DETAILS - SHEET 1         40           S019         GIRDER DETAILS - SHEET 3         42           S020         GIRDER DETAILS - SHEET 3         42           S021         GIRDER CAMBER DIAGRAM         43           S022         DECK AND APPROACH SLAB LAYOUT         44           S023         PRECAST TYPICAL DECK DETAILS - SHEET 1 <t< td=""><td>S006</td><td></td><td>28</td></t<>	S006		28
S008         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 2         30           S009         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 3         31           S010         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4         32           S011         PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4         32           S011         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1         34           S012         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1         34           S013         PRECAST SELEPER BEAM ELEMENT DETAILS - SHEET 2         35           S014         PRECAST SLEEPER BEAM ELEMENT DETAILS - SHEET 2         36           S015         BEARING LAYOUT         37           S016         BEARING LAYOUT         39           S017         GIRDER LAYOUT         39           S018         GIRDER DETAILS - SHEET 1         40           S019         GIRDER DETAILS - SHEET 2         41           S020         GIRDER DETAILS - SHEET 3         42           S021         GIRDER CAMBER DIAGRAM         43           S022         DECK AND APPROACH SLAB LAYOUT         44           S023         PRECAST TYPICAL DECK DETAILS - SHEET 1         45           S024         PRECAST TYPICAL DECK DETAILS - SHEET 2         46	S007		29
S010       PRECAST ABUTMENT SEAT ELEMENT DETAILS - SHEET 4       32         S011       PRECAST ABUTMENT DIAPHRAGM ELEMENT DETAILS       33         S012       PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1       34         S013       PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 2       35         S014       PRECAST SLEEPER BEAM ELEMENT DETAILS       36         S015       BEARING LAYOUT       37         S016       BEARING AND SHEAR BLOCK DETAILS       38         S017       GIRDER LAYOUT       39         S018       GIRDER LAYOUT       39         S019       GIRDER DETAILS - SHEET 1       40         S019       GIRDER DETAILS - SHEET 2       41         S020       GIRDER DETAILS - SHEET 3       42         S021       GIRDER CAMBER DIAGRAM       43         S022       DECK AND APPROACH SLAB LAYOUT       44         S023       PRECAST TYPICAL DECK DETAILS - SHEET 1       45         S024       PRECAST TYPICAL DECK DETAILS - SHEET 2       46         S025       PRECAST TYPICAL DECK DETAILS - SHEET 3       47         S026       PRECAST END DECK DETAILS - SHEET 1       48         S027       PRECAST END DECK DETAILS - SHEET 1       48         S029       PRECAS	S008	PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 2	30
S011         PRECAST ABUTMENT DIAPHRAGM ELEMENT DETAILS         33           S012         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS – SHEET 1         34           S013         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS – SHEET 2         35           S014         PRECAST SLEEPER BEAM ELEMENT DETAILS         36           S015         BEARING LAYOUT         37           S016         BEARING AND SHEAR BLOCK DETAILS         38           S017         GIRDER LAYOUT         39           S018         GIRDER DETAILS – SHEET 1         40           S019         GIRDER DETAILS – SHEET 2         41           S020         GIRDER DETAILS – SHEET 3         42           S021         GIRDER CAMBER DIAGRAM         43           S022         DECK AND APPROACH SLAB LAYOUT         44           S023         PRECAST TYPICAL DECK DETAILS – SHEET 1         45           S024         PRECAST TYPICAL DECK DETAILS – SHEET 2         46           S025         PRECAST TYPICAL DECK DETAILS – SHEET 3         47           S026         PRECAST END DECK DETAILS – SHEET 1         48           S027         PRECAST END DECK DETAILS – SHEET 2         49           S028         PRECAST APPROACH SLAB – EXTERIOR ELEMENT DETAILS         50           S029	S009	PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 3	31
S012   PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 1   34	S010	PRECAST ABUTMENT SEAT ELEMENT DETAILS — SHEET 4	32
S013         PRECAST ABUTMENT WINGWALL ELEMENT DETAILS - SHEET 2         35           S014         PRECAST SLEEPER BEAM ELEMENT DETAILS         36           S015         BEARING LAYOUT         37           S016         BEARING AND SHEAR BLOCK DETAILS         38           S017         GIRDER LAYOUT         39           S018         GIRDER DETAILS - SHEET 1         40           S019         GIRDER DETAILS - SHEET 2         41           S020         GIRDER DETAILS - SHEET 3         42           S021         GIRDER CAMBER DIAGRAM         43           S022         DECK AND APPROACH SLAB LAYOUT         44           S023         PRECAST TYPICAL DECK DETAILS - SHEET 1         45           S024         PRECAST TYPICAL DECK DETAILS - SHEET 2         46           S025         PRECAST TYPICAL DECK DETAILS - SHEET 3         47           S026         PRECAST END DECK DETAILS - SHEET 1         48           S027         PRECAST END DECK DETAILS - SHEET 2         49           S028         PRECAST APPROACH SLAB - EXTERIOR ELEMENT DETAILS         50           S029         PRECAST APPROACH SLAB - INTERIOR ELEMENT DETAILS         51           S030         SAFETY RAIL DETAILS         52           S031         DRAIN TROUGH AN	S011	PRECAST ABUTMENT DIAPHRAGM ELEMENT DETAILS	33
S014       PRECAST SLEEPER BEAM ELEMENT DETAILS       36         S015       BEARING LAYOUT       37         S016       BEARING AND SHEAR BLOCK DETAILS       38         S017       GIRDER LAYOUT       39         S018       GIRDER DETAILS - SHEET 1       40         S019       GIRDER DETAILS - SHEET 2       41         S020       GIRDER DETAILS - SHEET 3       42         S021       GIRDER CAMBER DIAGRAM       43         S022       DECK AND APPROACH SLAB LAYOUT       44         S023       PRECAST TYPICAL DECK DETAILS - SHEET 1       45         S024       PRECAST TYPICAL DECK DETAILS - SHEET 2       46         S025       PRECAST TYPICAL DECK DETAILS - SHEET 3       47         S026       PRECAST END DECK DETAILS - SHEET 1       48         S027       PRECAST END DECK DETAILS - SHEET 2       49         S028       PRECAST APPROACH SLAB - EXTERIOR ELEMENT DETAILS       50         S029       PRECAST APPROACH SLAB - INTERIOR ELEMENT DETAILS       51         S030       SAFETY RAIL DETAILS       52         S031       DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS       53         S032       BAR LIST - SHEET 1       54	S012	PRECAST ABUTMENT WINGWALL ELEMENT DETAILS — SHEET 1	34
S015       BEARING LAYOUT       37         S016       BEARING AND SHEAR BLOCK DETAILS       38         S017       GIRDER LAYOUT       39         S018       GIRDER DETAILS - SHEET 1       40         S019       GIRDER DETAILS - SHEET 2       41         S020       GIRDER DETAILS - SHEET 3       42         S021       GIRDER CAMBER DIAGRAM       43         S022       DECK AND APPROACH SLAB LAYOUT       44         S023       PRECAST TYPICAL DECK DETAILS - SHEET 1       45         S024       PRECAST TYPICAL DECK DETAILS - SHEET 2       46         S025       PRECAST TYPICAL DECK DETAILS - SHEET 3       47         S026       PRECAST END DECK DETAILS - SHEET 1       48         S027       PRECAST END DECK DETAILS - SHEET 1       48         S028       PRECAST APPROACH SLAB - EXTERIOR ELEMENT DETAILS       50         S029       PRECAST APPROACH SLAB - INTERIOR ELEMENT DETAILS       51         S030       SAFETY RAIL DETAILS       52         S031       DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS       53         S032       BAR LIST - SHEET 1       54	S013	PRECAST ABUTMENT WINGWALL ELEMENT DETAILS — SHEET 2	35
S016       BEARING AND SHEAR BLOCK DETAILS       38         S017       GIRDER LAYOUT       39         S018       GIRDER DETAILS - SHEET 1       40         S019       GIRDER DETAILS - SHEET 2       41         S020       GIRDER DETAILS - SHEET 3       42         S021       GIRDER CAMBER DIAGRAM       43         S022       DECK AND APPROACH SLAB LAYOUT       44         S023       PRECAST TYPICAL DECK DETAILS - SHEET 1       45         S024       PRECAST TYPICAL DECK DETAILS - SHEET 2       46         S025       PRECAST TYPICAL DECK DETAILS - SHEET 3       47         S026       PRECAST END DECK DETAILS - SHEET 1       48         S027       PRECAST END DECK DETAILS - SHEET 2       49         S028       PRECAST APPROACH SLAB - EXTERIOR ELEMENT DETAILS       50         S029       PRECAST APPROACH SLAB - INTERIOR ELEMENT DETAILS       51         S030       SAFETY RAIL DETAILS       52         S031       DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS       53         S032       BAR LIST - SHEET 1       54	S014	PRECAST SLEEPER BEAM ELEMENT DETAILS	36
S017       GIRDER LAYOUT       39         S018       GIRDER DETAILS – SHEET 1       40         S019       GIRDER DETAILS – SHEET 2       41         S020       GIRDER DETAILS – SHEET 3       42         S021       GIRDER CAMBER DIAGRAM       43         S022       DECK AND APPROACH SLAB LAYOUT       44         S023       PRECAST TYPICAL DECK DETAILS – SHEET 1       45         S024       PRECAST TYPICAL DECK DETAILS – SHEET 2       46         S025       PRECAST TYPICAL DECK DETAILS – SHEET 3       47         S026       PRECAST END DECK DETAILS – SHEET 1       48         S027       PRECAST END DECK DETAILS – SHEET 2       49         S028       PRECAST APPROACH SLAB – EXTERIOR ELEMENT DETAILS       50         S029       PRECAST APPROACH SLAB – INTERIOR ELEMENT DETAILS       51         S030       SAFETY RAIL DETAILS       52         S031       DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS       53         S032       BAR LIST – SHEET 1       54	S015	BEARING LAYOUT	37
S018       GIRDER DETAILS - SHEET 1       40         S019       GIRDER DETAILS - SHEET 2       41         S020       GIRDER DETAILS - SHEET 3       42         S021       GIRDER CAMBER DIAGRAM       43         S022       DECK AND APPROACH SLAB LAYOUT       44         S023       PRECAST TYPICAL DECK DETAILS - SHEET 1       45         S024       PRECAST TYPICAL DECK DETAILS - SHEET 2       46         S025       PRECAST TYPICAL DECK DETAILS - SHEET 3       47         S026       PRECAST END DECK DETAILS - SHEET 1       48         S027       PRECAST END DECK DETAILS - SHEET 2       49         S028       PRECAST APPROACH SLAB - EXTERIOR ELEMENT DETAILS       50         S029       PRECAST APPROACH SLAB - INTERIOR ELEMENT DETAILS       51         S030       SAFETY RAIL DETAILS       52         S031       DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS       53         S032       BAR LIST - SHEET 1       54	S016	BEARING AND SHEAR BLOCK DETAILS	38
S019       GIRDER DETAILS - SHEET 2       41         S020       GIRDER DETAILS - SHEET 3       42         S021       GIRDER CAMBER DIAGRAM       43         S022       DECK AND APPROACH SLAB LAYOUT       44         S023       PRECAST TYPICAL DECK DETAILS - SHEET 1       45         S024       PRECAST TYPICAL DECK DETAILS - SHEET 2       46         S025       PRECAST TYPICAL DECK DETAILS - SHEET 3       47         S026       PRECAST END DECK DETAILS - SHEET 1       48         S027       PRECAST END DECK DETAILS - SHEET 2       49         S028       PRECAST APPROACH SLAB - EXTERIOR ELEMENT DETAILS       50         S029       PRECAST APPROACH SLAB - INTERIOR ELEMENT DETAILS       51         S030       SAFETY RAIL DETAILS       52         S031       DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS       53         S032       BAR LIST - SHEET 1       54	S017	GIRDER LAYOUT	39
S020       GIRDER DETAILS – SHEET 3       42         S021       GIRDER CAMBER DIAGRAM       43         S022       DECK AND APPROACH SLAB LAYOUT       44         S023       PRECAST TYPICAL DECK DETAILS – SHEET 1       45         S024       PRECAST TYPICAL DECK DETAILS – SHEET 2       46         S025       PRECAST TYPICAL DECK DETAILS – SHEET 3       47         S026       PRECAST END DECK DETAILS – SHEET 1       48         S027       PRECAST END DECK DETAILS – SHEET 2       49         S028       PRECAST APPROACH SLAB – EXTERIOR ELEMENT DETAILS       50         S029       PRECAST APPROACH SLAB – INTERIOR ELEMENT DETAILS       51         S030       SAFETY RAIL DETAILS       52         S031       DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS       53         S032       BAR LIST – SHEET 1       54	S018	GIRDER DETAILS — SHEET 1	40
S021       GIRDER CAMBER DIAGRAM       43         S022       DECK AND APPROACH SLAB LAYOUT       44         S023       PRECAST TYPICAL DECK DETAILS - SHEET 1       45         S024       PRECAST TYPICAL DECK DETAILS - SHEET 2       46         S025       PRECAST TYPICAL DECK DETAILS - SHEET 3       47         S026       PRECAST END DECK DETAILS - SHEET 1       48         S027       PRECAST END DECK DETAILS - SHEET 2       49         S028       PRECAST APPROACH SLAB - EXTERIOR ELEMENT DETAILS       50         S029       PRECAST APPROACH SLAB - INTERIOR ELEMENT DETAILS       51         S030       SAFETY RAIL DETAILS       52         S031       DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS       53         S032       BAR LIST - SHEET 1       54	S019	GIRDER DETAILS — SHEET 2	41
DECK AND APPROACH SLAB LAYOUT  9023 PRECAST TYPICAL DECK DETAILS — SHEET 1  9024 PRECAST TYPICAL DECK DETAILS — SHEET 2  9025 PRECAST TYPICAL DECK DETAILS — SHEET 3  9026 PRECAST END DECK DETAILS — SHEET 3  9026 PRECAST END DECK DETAILS — SHEET 1  9028 PRECAST END DECK DETAILS — SHEET 2  9028 PRECAST APPROACH SLAB — EXTERIOR ELEMENT DETAILS  9029 PRECAST APPROACH SLAB — INTERIOR ELEMENT DETAILS  9030 SAFETY RAIL DETAILS  9031 DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS  9032 BAR LIST — SHEET 1  948  950  950  950  950  950  950  950  95	S020	GIRDER DETAILS — SHEET 3	42
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S025 PRECAST TYPICAL DECK DETAILS — SHEET 3 47  S026 PRECAST END DECK DETAILS — SHEET 1 48  S027 PRECAST END DECK DETAILS — SHEET 2 49  S028 PRECAST APPROACH SLAB — EXTERIOR ELEMENT DETAILS 50  S029 PRECAST APPROACH SLAB — INTERIOR ELEMENT DETAILS 51  S030 SAFETY RAIL DETAILS 52  S031 DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS 53  S032 BAR LIST — SHEET 1 54	S023	PRECAST TYPICAL DECK DETAILS - SHEET 1	45
S026 PRECAST END DECK DETAILS — SHEET 1 48  S027 PRECAST END DECK DETAILS — SHEET 2 49  S028 PRECAST APPROACH SLAB — EXTERIOR ELEMENT DETAILS 50  S029 PRECAST APPROACH SLAB — INTERIOR ELEMENT DETAILS 51  S030 SAFETY RAIL DETAILS 52  S031 DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS 53  S032 BAR LIST — SHEET 1 54	S024	PRECAST TYPICAL DECK DETAILS - SHEET 2	46
S027 PRECAST END DECK DETAILS — SHEET 2 49  S028 PRECAST APPROACH SLAB — EXTERIOR ELEMENT DETAILS 50  S029 PRECAST APPROACH SLAB — INTERIOR ELEMENT DETAILS 51  S030 SAFETY RAIL DETAILS 52  S031 DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS 53  S032 BAR LIST — SHEET 1 54	S025	PRECAST TYPICAL DECK DETAILS - SHEET 3	47
S028PRECAST APPROACH SLAB - EXTERIOR ELEMENT DETAILS50S029PRECAST APPROACH SLAB - INTERIOR ELEMENT DETAILS51S030SAFETY RAIL DETAILS52S031DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS53S032BAR LIST - SHEET 154	S026	PRECAST END DECK DETAILS - SHEET 1	48
S029PRECAST APPROACH SLAB - INTERIOR ELEMENT DETAILS51S030SAFETY RAIL DETAILS52S031DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS53S032BAR LIST - SHEET 154	S027	PRECAST END DECK DETAILS - SHEET 2	49
S030 SAFETY RAIL DETAILS 52 S031 DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS 53 S032 BAR LIST — SHEET 1 54	S028	PRECAST APPROACH SLAB — EXTERIOR ELEMENT DETAILS	50
S031 DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS 53 S032 BAR LIST - SHEET 1 54	S029	PRECAST APPROACH SLAB — INTERIOR ELEMENT DETAILS	51
S032 BAR LIST - SHEET 1 54	S030	SAFETY RAIL DETAILS	52
	S031	DRAIN TROUGH AND APPROACH RAIL TRANSITION DETAILS	53
S033 BAR LIST — SHEET 2 55	S032	BAR LIST - SHEET 1	54
	S033	BAR LIST — SHEET 2	55

### STANDARD DRAWINGS

DRAWING No.	DRAWING TITLE		
NORTHWEST TERRITORIES TRANSPORTATION			
SD-200-02-12	TYPICAL SIGN INSTALLATION HEIGHT AND LATERAL LOCATIONS		
SD-200-02-13	BREAKAWAY SIGN POST (TYPICAL INSTALLATIONS)		
SD-300-06-01	BENCHING FOR EMBANKMENT WIDENING		
SD-400-01-51	STANDARD SLOPED END SECTIONS (C.S.P. ROUND CULVERTS)		
SD-400-01-53	TYPICAL SLOPED END CULVERT MARKER INSTALLATION		
SD-700-04-01	STEEL W-BEAM GUARDRAIL RAIL DETAIL		
SD-700-04-02	STEEL W-BEAM GUARDRAIL BURIED TERMINALS INSTALLATION DETAIL		
SD-700-04-04	STEEL W-BEAM GUARDRAIL POST CAP DETAILS		
SD-700-04-05	STEEL W-BEAM GUARDRAIL PLACEMENT AT BRIDGE APPROACHES (TWO-LANE TRAFFIC)		
ALBERTA TRANSPORTATION			
S-1411-87-REV6	STANDARD CONCRETE JOINTS		
S-1642-20	TL-4 DOUBLE TUBE TYPE BRIDGERAIL - BRIDGERAIL DETAILS		
S-1643-20	TL-4 DOUBLE TUBE TYPE BRIDGERAIL - APPROACH RAIL TRANSITION DETAILS WITH STRONG POST W-BEAM GUARDRAIL		
S-1847-20	STANDARD IDENTIFICATION PLAQUES AND BENCHMARK TABLETS		
S-1850-20	STANDARD STEEL PILE DETAILS		
T-1761-20	TYPICAL EXPANSION BEARING DETAILS		





Consultant Logo

# **Jacobs**

Rev	Date	Description	Init
1	2024-12-06	ISSUED FOR CONSTRUCTION	YL
0	2024-07-19	ISSUED FOR TENDER	YL
REVISIONS			

## Government of Northwest Territories

HIGHWAY No. 1 (MACKENZIE HIGHWAY) km 411.2

JEAN MARIE RIVER BRIDGE

DRAWING LIST AND SITE MAP

DESIGNED	YL	DATE	2024-12-06
CHECKED	RL	DATE	2024-12-06
DRAWN	KK	DATE	2024-12-06
SCALE	AS SHOWN		
DRAWN	KK	DATE	

		PREPARED UNDER THE DIRECTION OF
		YING YI LI, P.ENG.
		ENGINEER OF RECORD
		DATE 2024-12-06
PROJECT No.	SHEET No.	DRAWING No.
CE857700	2 OF 55	SC-INF01-6081-G001