

EM	DESCRIPTION							
1	DETOUR TRAFFIC FROM NORTHBOUND STRUCTURE							
2	DISCONNECT AND REMOVE EXISTING STREET LIGHTS (2 LOCATIONS) — COORDINATE WITH MANITOBA HYDRO							
3	REMOVE EXISTING HANDRAIL							
4	REMOVE EXISTING ASPHALT OVERLAY							
5	SAWCUT AND REMOVE EXISTING CONCRETE DECK OVERHANGS TO LIMITS SHOWN							
6	REMOVE EXISTING CONCRETE SIDEWALK							
7)	REMOVE EXISTING CONCRETE MEDIAN							
8	REMOVE EXISTING CONCRETE BARRIERS AND TOP PORTION OF WINGWALLS							
9)	REMOVE EXISTING CONCRETE DECK TO LIMITS SHOWN							
0)	REMOVE EXISTING EXPANSION JOINTS							
1	REMOVE EXISTING NORTH ABUTMENT PRECAST CONCRETE CHANNEL GIRDERS, APPROACH SLAB AND APPROACH ROADWAY							
2	REMOVE EXISTING SOUTH ABUTMENT, APPROACH SLAB, ROADWAY SLAB AND CONCRETE SLAB TO LIMITS SHOWN							
3)	REMOVE EXISTING DRAINS AND RESTORE CONCRETE DECK							
4)	REMOVE EXISTING CONCRETE DECK AND INSTALL NEW DRAINS							
5)	REMOVE AND SALVAGE ABANDONED ELECTRICAL AND COMMUNICATION CABLES (BY MANITOBA HYDRO), DISPOSE CONDUITS							
6	EXPOSE, INSPECT, REPAIR, AND PROTECT EXISTING LONGITUDINAL POST TENSIONING TENDONS IN CONCRETE DECK							
7)	REMOVE AND REPLACE BEARINGS ON PIERS AND ABUTMENTS FROM BO-957-2010							
8	CONSTRUCT NEW REINFORCED CONCRETE DECK SLAB TO LIMITS SHOWN							
9	CONSTRUCT NEW REINFORCED CONCRETE SLAB AT NORTH ABUTMENT							
20	CONSTRUCT NEW REINFORCED CONCRETE SIDEWALK SLAB, AND CURB ON BRIDGE AND ABUTMENTS							
21)	REMOVE EXISTING NAVIGATION LIGHTING AND INSTALL TEMPORARY NAVIGATION LIGHTING AND TEMPORARILY RELOCATE RIVER LEVEL MONITORING SYSTEM							
22)	INSTALL HYDRO DUCTS IN THE SIDEWALK SLAB — COORDINATE WITH MANITOBA HYDRO							
23)	CONSTRUCT NEW REINFORCED CONCRETE SHOULDER BARRIERS ON BRIDGE AND ABUTMENTS							
24)	CONSTRUCT NEW REINFORCED CONCRETE BASES FOR STREET LIGHTS							

CONSTRUCT MODIFIED ABUTMENTS AND APPROACHES

SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL

CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN

CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN

CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS

APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS

REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT

SUPPLY AND INSTALL NEW EXPANSION JOINTS

AND DIAPHRAGMS

PHASE 1 NORTHBOUND S	STRUCTURE (	(2011)	(CONTINUED)
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BRIDGE - SCOPE OF WORK

O & PIER No. 2

NORTHBOUND STRUCTURE

SOUTHBOUND STRUCTURE

ITEM	DESCRIPTION
33	INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO
34)	SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS) AND RIVER LEVEL MONITOR
35)	SURPLY AND INSTALL NEW UNDER BRIDGE LIGHTING AND FIXTURES WITH VANDAL ROOF CAGES
36)	OPEN NORTHBOUND STRUCTURE TO TRAFFIC

## SCOPE OF WORK - PHASE 2 SOUTHBOUND STRUCTURE (2012)

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ITEM	DESCRIPTION					
37)	DETOUR TRAFFIC FROM SOUTHBOUND STRUCTURE					
38)	DISCONNECT AND REMOVE EXISTING STREET LIGHTS (2 LOCATIONS) — COORDINATE WITH MANITOBA HYDRO. REMOVE EXISTING NAVIGATION LIGHTING AND INSTALL TEMPORARY NAVIGATION LIGHTING					
39	REMOVE EXISTING HANDRAIL					
40	REMOVE EXISTING ASPHALT OVERLAY					
41)	SAWCUT AND REMOVE EXISTING CONCRETE DECK OVERHANGS TO LIMITS SHOWN					
42	REMOVE EXISTING CONCRETE MEDIAN					
43)	REMOVE EXISTING CONCRETE BARRIERS AND TOP PORTION OF WINGWALLS					
44)	REMOVE EXISTING CONCRETE DECK TO LIMITS SHOWN					
45)	REMOVE EXISTING EXPANSION JOINTS					
(46)	REMOVE EXISTING NORTH ABUTMENT PRECAST CONCRETE CHANNEL GIRDERS, APPROACH SLAB AND APPROACH ROADWAY					
47)	REMOVE EXISTING SOUTH ABUTMENT, APPROACH SLAB, ROADWAY SLAB AND CONCRETE SLAB TO LIMITS SHOWN					
48	REMOVE EXISTING DRAINS AND RESTORE CONCRETE DECK					
49	REMOVE EXISTING CONCRETE DECK AND INSTALL NEW DRAINS					
50	REMOVE AND SALVAGE ABANDONED ELECTRICAL AND COMMUNICATION CABLES (BY MTS), DISPOSE CONDUITS					
<u>(51)</u>	EXPOSE, INSPECT, REPAIR, AND PROTECT EXISTING LONGITUDINAL POST TENSIONING TENDONS IN CONCRETE DECK					

	SCOPE OF WORK - PHASE 2 SOUTHBOUND STRUCTURE
	(2012) CONTINUED
ITEM	DESCRIPTION

\$22 REMOVE AND REPLACE BEARINGS ON PIERS AND ABUTMENTS FROM BO-957-2010  \$33 CONSTRUCT NEW REINFORCED CONCRETE DECK SLAB TO LIMITS SHOWN  \$44 CONSTRUCT NEW REINFORCED CONCRETE SLAB AT NORTH ABUTMENT  \$55 CONSTRUCT NEW REINFORCED CONCRETE SIDEWALK SLAB, AND CURB ON BRIDGE AND ABUTMENTS  \$66 RELOCATE MTS CONDUITS IN THE CONCRETE SIDEWALK SLAB, AND CURB ON BRIDGE & ABUTMENTS  \$57 CONSTRUCT NEW REINFORCED CONCRETE SHOULDER BARRIERS ON BRIDGE & ABUTMENTS  \$58 CONSTRUCT NEW REINFORCED CONCRETE BASES FOR STREET LIGHTS  \$59 CONSTRUCT MODIFIED ABUTMENTS AND APPROACHES  \$60 SUPPLY AND INSTALL NEW EXPANSION JOINTS  \$61 CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN  \$62 CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN  \$63 CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS  \$64 SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  \$65 REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  \$66 APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  \$67 INSTALL NEW SIDESTLI LIGHTS — COORDINATE WITH MANITOBA HYDRO  \$68 SUPPLY AND INSTALL NEW UNDER BRIDGE LIGHTING FIXTURES  \$69 CONSTRUCT NODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INSTALL NEW UNDER BRIDGE LIGHTING FIXTURES  \$60 CONSTRUCT NODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INSTALL PARK UNDER BRIDGE LIGHTING FIXTURES  \$60 CONSTRUCT NODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INSTALL PARK UNDER BRIDGE LIGHTING FIXTURES  \$60 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  \$61 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES  \$62 PIER CAPS AND INTERNED TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERNED TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERNED TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERNED TO JOIN TOGETHER SOUTH BOUND AND SOUTHBOUND BRIDGES			
CONSTRUCT NEW REINFORCED CONCRETE SLAB AT NORTH ABUTMENT  (55) CONSTRUCT NEW REINFORCED CONCRETE SIDEWALK SLAB, AND CURB ON BRIDGE AND ABUTMENTS  (56) RELOCATE MTS CONDUITS IN THE CONCRETE SIDEWALK SLAB — COORDINATE WITH MTS  (57) CONSTRUCT NEW REINFORCED CONCRETE SHOULDER BARRIERS ON BRIDGE & ABUTMENTS  (58) CONSTRUCT NEW REINFORCED CONCRETE BASES FOR STREET LIGHTS  (59) CONSTRUCT NEW REINFORCED CONCRETE BASES FOR STREET LIGHTS  (59) CONSTRUCT MODIFIED ABUTMENTS AND APPROACHES  (60) SUPPLY AND INSTALL NEW EXPANSION JOINTS  (61) CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN  (62) CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN  (63) CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS  (64) SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  (65) REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  (66) APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  (67) INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  (68) SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  (69) SUBRIV AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  (69) SUBRIV AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  (69) SUBRIV AND INSTALL NEW NAVIGATION LIGHTING FIXTURES  (70) PIER CAPS AND INTERMEDIATE DIAPHRAGMS  (71) CONSTRUCT NOW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS IN THE MANITOBION BARRIERS ON BRIDGE AND BRIDGES AND BRIDGES AND BRIDGES AND BRIDGES AND BRIDGE AND BRIDGES AND BRIDGE		52	REMOVE AND REPLACE BEARINGS ON PIERS AND ABUTMENTS FROM BO-957-2010
CONSTRUCT NEW REINFORCED CONCRETE SIDEWALK SLAB, AND CURB ON BRIDGE  AND ABUTMENTS  RELOCATE MTS CONDUITS IN THE CONCRETE SIDEWALK SLAB — COORDINATE WITH MTS  CONSTRUCT NEW REINFORCED CONCRETE SHOULDER BARRIERS ON BRIDGE & ABUTMENTS  (SB) CONSTRUCT NEW REINFORCED CONCRETE BASES FOR STREET LIGHTS  (SP) CONSTRUCT MODIFIED ABUTMENTS AND APPROACHES  (SO) SUPPLY AND INSTALL NEW EXPANSION JOINTS  (S1) CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN  (S2) CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN  (S3) CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS  (S4) SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  (S5) REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  (S6) APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  (S7) INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  (S8) SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  (S9) SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  (S9) CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  (7) CONSTRUCT WER REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND BRIDGES  (NISTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		<b>(53)</b>	CONSTRUCT NEW REINFORCED CONCRETE DECK SLAB TO LIMITS SHOWN
\$6\$ RELOCATE MTS CONDUITS IN THE CONCRETE SIDEWALK SLAB — COORDINATE WITH MTS  \$57\$ CONSTRUCT NEW REINFORCED CONCRETE SHOULDER BARRIERS ON BRIDGE & ABUTMENTS  \$8\$ CONSTRUCT NEW REINFORCED CONCRETE BASES FOR STREET LIGHTS  \$9\$ CONSTRUCT MODIFIED ABUTMENTS AND APPROACHES  \$0\$ SUPPLY AND INSTALL NEW EXPANSION JOINTS  \$6\$ CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN  \$6\$ CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN  \$6\$ CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN  \$6\$ CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS  \$6\$ SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  \$6\$ REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  \$6\$ APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  \$6\$ INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  \$6\$ SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  \$6\$ SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  \$6\$ SUPPLY AND INSTALL ALEW UNDER BRIDGE LIGHTING FIXTURES  \$6\$ CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INSTEMBEDIATE DIAPHRAGMS  \$6\$ CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  \$6\$ INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		54	CONSTRUCT NEW REINFORCED CONCRETE SLAB AT NORTH ABUTMENT
57 CONSTRUCT NEW REINFORCED CONCRETE SHOULDER BARRIERS ON BRIDGE & ABUTMENTS  58 CONSTRUCT NEW REINFORCED CONCRETE BASES FOR STREET LIGHTS  59 CONSTRUCT MODIFIED ABUTMENTS AND APPROACHES  60 SUPPLY AND INSTALL NEW EXPANSION JOINTS  61 CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN  62 CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN  63 CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS  64 SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  65 REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  66 APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  67 INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  68 SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  69 WITH VANDAL ROOF CAGE  70 CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  71 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  172 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		<b>(55)</b>	
(58) CONSTRUCT NEW REINFORCED CONCRETE BASES FOR STREET LIGHTS (59) CONSTRUCT MODIFIED ABUTMENTS AND APPROACHES (60) SUPPLY AND INSTALL NEW EXPANSION JOINTS (61) CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN (62) CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN (63) CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS (64) SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL (65) REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT (66) APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS (67) INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO (68) SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS) (69) SUPPLY AND INSTALL NEW NAVIGATION LIGHTING FIXTURES (CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS (70) CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS (72) INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		56	RELOCATE MTS CONDUITS IN THE CONCRETE SIDEWALK SLAB — COORDINATE WITH MTS
(59) CONSTRUCT MODIFIED ABUTMENTS AND APPROACHES  (60) SUPPLY AND INSTALL NEW EXPANSION JOINTS  (61) CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN  (62) CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN  (63) CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS  (64) SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  (65) REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  (66) APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  (67) INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  (68) SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  (69) SUPPLY AND INSTALL NEW NAVIGATION LIGHTING FIXTURES  WITH VANDAL ROOF CAGES  (70) CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  (71) CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  (72) INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		<b>(57)</b>	CONSTRUCT NEW REINFORCED CONCRETE SHOULDER BARRIERS ON BRIDGE & ABUTMENTS
60 SUPPLY AND INSTALL NEW EXPANSION JOINTS  61 CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN  62 CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN  63 CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS  64 SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  65 REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  66 APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  67 INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  68 SUPPLY AND INSTALL NEW UNDER BRIDGE LIGHTING (4 LOCATIONS)  69 WITH VANDAL ROOF CAGES  70 CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  71 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  72 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND		58	CONSTRUCT NEW REINFORCED CONCRETE BASES FOR STREET LIGHTS
61 CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN  62 CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN  63 CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS  64 SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  65 REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  66 APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  67 INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  68 SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  69 SUPPLY AND INSTALL NEW NAVIGATION LIGHTING FIXTURES  70 CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  71 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  72 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND		59	CONSTRUCT MODIFIED ABUTMENTS AND APPROACHES
62 CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN  63 CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS  64 SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  65 REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  66 APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  67 INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  68 SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  69 SUPPLY AND INSTALL NEW UNDER BRIDGE LIGHTING FIXTURES  WITH VANDAL ROOF CAGES  70 CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  71 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  72 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		60	SUPPLY AND INSTALL NEW EXPANSION JOINTS
63 CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS  64 SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  65 REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  66 APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  67 INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  68 SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  69 SUPPLY AND INSTALL NEW UNDER BRIDGE LIGHTING FIXTURES  WITH VANDAL ROOF CAGES  70 CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  71 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  72 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		<u>61</u>	CONSTRUCT NEW HIGH PERFORMANCE CONCRETE OVERLAY (HPC) TO LIMITS SHOWN
SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL  65 REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  66 APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  67 INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  68 SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  69 SUPPLY AND INSTALL NEW UNDER BRIDGE LIGHTING FIXTURES  WITH VANDAL ROOF CAGES  70 CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  71 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  72 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		62	CONSTRUCT NEW SIDEWALK WEARING SURFACE OVERLAY (WSC) TO LIMITS SHOWN
REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT  66 APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  67 INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  68 SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  69 SUPPLY AND INSTALL NEW UNDER BRIDGE LIGHTING FIXTURES  WITH VANDAL ROOF CAGES  70 CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  71 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  72 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		63	CONSTRUCT NEW REINFORCED CONCRETE APPROACH SLABS AND ROADWAY SLABS
APPLY ACTIVATED ARC ZINC SPRAY TO PRECAST CONCRETE GIRDERS AT ABUTMENT ENDS AND DIAPHRAGMS  67 INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO  68 SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  69 SUPPLY AND INSTALL NEW UNDER BRIDGE LIGHTING FIXTURES WITH VANDAL ROOF CAGES  70 CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  71 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  10 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		64)	SUPPLY AND INSTALL NEW ALUMINUM PEDESTRIAN HANDRAIL
ENDS AND DIAPHRAGMS  67 INSTALL NEW STREET LIGHTS – COORDINATE WITH MANITOBA HYDRO  68 SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  69 SUPPLY AND INSTALL NEW UNDER BRIDGE LIGHTING FIXTURES WITH VANDAL ROOF CAGES  70 CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  71 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  10 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		<b>65</b>	REPAIR MISCELLANEOUS AREAS OF ABUTMENTS, GIRDERS AND DECK SOFFIT
SUPPLY AND INSTALL NEW NAVIGATION LIGHTING (4 LOCATIONS)  69 SUPPLY AND INSTALL NEW UNDER BRIDGE LIGHTING FIXTURES  WITH VANDAL ROOF CAGES  70 CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  71 CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  10 INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		66	
SUPPLY AND INSTALL NEW UNDER BRIDGE LIGHTING FIXTURES WITH VANDAL ROOF CAGES  CONSTRUCT MODIFIED PIER CAPS TO JOIN TOGETHER CONCRETE DECK SLAB AND PIER CAPS AND INTERMEDIATE DIAPHRAGMS  CONSTRUCT NEW REINFORCED CONCRETE MEDIAN BARRIERS ON BRIDGE AND ABUTMENTS  INSTALL SLOPE PAVING PROTECTION BENEATH NORTHBOUND AND SOUTHBOUND BRIDGES		67	INSTALL NEW STREET LIGHTS — COORDINATE WITH MANITOBA HYDRO
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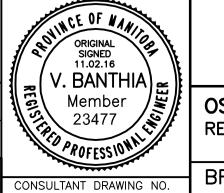


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				DESIGNED S.Y.	CHECKED V.B.	Member 23477
				DRAWN BY B.M.	APPROVED R.H.W.	PROFFESION
	IOCUED FOR ADDENDUM A	44.07.07		HOR. SCALE:	RELEASED FOR DATE	
1		11.03.07	VB	AS NOTED	CONSTRUCTION	CONSULTANT DRAWING NO.
0	ISSUED FOR TENDER	11.02.18	VB	VERTICAL:	ORIGINAL SIGNED 11.02.16	0900070502-DWG-S0009
0.	REVISIONS	DATE	BY	DATE 10.02.16	MATT CHISLETT, P.ENG BRIDGE PROJECTS ENGINEER	0900070302-DWG-30009

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#11 EVERGREEN PLACE

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## THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

Winnipeg	ENGINEERING	DIVISION	
OCDODNE STREET	T DDIDAE		CITY DRAWING NUMBER
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