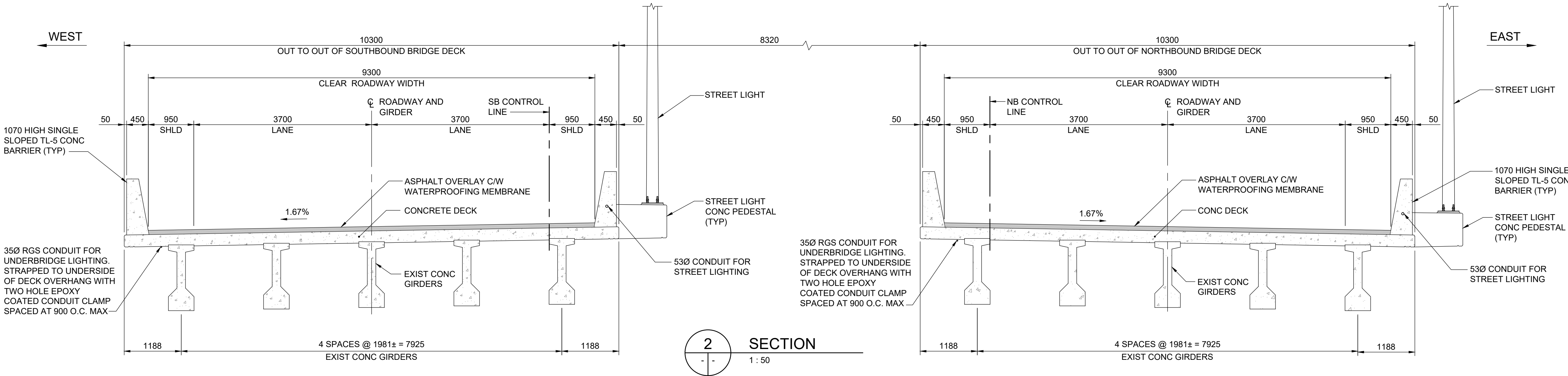


1 ELECTRICAL BRIDGE LAYOUT
1: 350
- LINEWORK SHOWN FOR EASE OF VIEWING, REFER TO SECTION FOR CONDUIT LOCATIONS

- NOTES:
- 1. TYPE "A" BRIDGE STREET LIGHTING POWERED BY MB HYDRO STREET LIGHTING U/G POWER CIRCUIT.
 - 2. TYPE "B" UNDER BRIDGE LIGHTING POWERED BY CSTE "C".




2 SECTION
1: 50

- NOTES:
- 1. EXISTING UNDERGROUND UTILITIES SHOWN FOR REFERENCE, TO BE FIELD VERIFIED.
 - 2. 530 BURIED CONDUIT FOR UNDERBRIDGE LIGHTING TO BE DIRECTIONAL DRILLED UNDER EXISTING CONCRETE SLOPE PROTECTION. TRANSITION FROM PVC TO RGS CONDUIT UTILIZING FEMALE ADAPTER. CONTRACTOR TO SAW CUT AND PARTIALLY DEMOLISH AS REQUIRED EXISTING CONCRETE SLOPE PROTECTION BY PIER BACKSIDE TO ALLOW CONDUIT INSTALLATION. EXISTING CONCRETE SLOPE PROTECTION REINFORCING TO BE MAINTAINED IF POSSIBLE. CONTRACTOR TO REPAIR EXIST CONCRETE SLOPE PROTECTION AFTER CONDUIT INSTALLED.
 - 3. ALL RGS CONDUIT FITTINGS CAST CONSTRUCTION WITH CONNECTIONS COMPRESSION WATER TIGHT TYPE.
 - 4. ALL MOUNTING HARDWARE FASTENERS ARE STAINLESS STEEL FASTENING SYSTEMS TO CONCRETE METAL EXPANSION ANCHOR TYPE. EXPOSED CONDUIT AND CONDUIT FITTINGS CAST STEEL EPOXY COATED. EPOXY COVERING AND MOUNTING HARDWARE BRACKETS ARE TO BE SAME COLOUR AS CONCRETE.

LUMINAIRE SCHEDULE					
TYPE	MANUFACTURER	CATALOGUE No.	VOLTAGE	LAMPS	DESCRIPTION
A		-	240V	LED	35' STREET LIGHT, 1.8m ARM, 90W, SUPPLIED, INSTALLED, WIRED AND CONNECTED BY MANITOBA HYDRO. CONDUIT AND BASES BY CONTRACTOR
B	HOLOPHANE	WALLCONNECT WCNG P3 40K U4W 120 20KV BKSDP SCRW	AUTO-SENSING 120-277V	LED	UNDERBRIDGE LIGHT, SURFACE MOUNTED



B.M. ELEV.			<div>TETRA TECH</div>				
			DESIGNED BY	DD	REVIEWED BY	DD	CONSULTANT DRAWING NO. 704-INF.MBI03007.01-DWG-S2301
			DRAWN BY	EV	APPROVED BY	KA	
			SCALE: AS NOTED		ACCEPTED BY DATE CAM WARD, P.ENG. 25.08.07		
0	ISSUED FOR TENDER		25.08.07	DD			
NO.	REVISIONS	DATE	BY	DATE	25.08.07		

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

LAGIMODIERE TWIN OVERPASSES
OVER CPKC KEEWATIN
REHABILITATION AND RELATED WORKS

BRIDGE ELECTRICAL AND LIGHTING PLAN

CITY DRAWING NUMBER
B123-25-2301
SHEET 1 OF 2
2301