



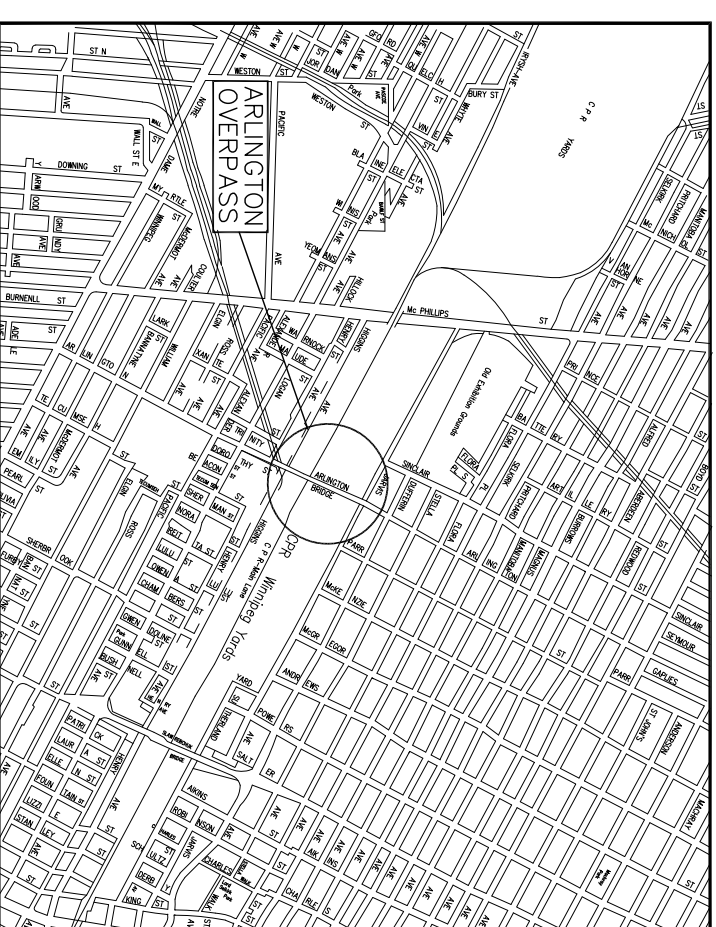
# THE CITY OF WINNIPEG

## PUBLIC WORKS DEPARTMENT

### ENGINEERING DIVISION

# ARLINGTON OVERPASS (CPR YARDS)

## 2020 STRUCTURAL STEEL REPAIRS



LOCATION PLAN

### BIDDING DRAWINGS

## TENDER NO. 163-2020

#### DRAWING LIST:

C.O.W. NO.	LOCATION PLAN, DESIGN DATA, AND DRAWING LIST
B106-20-01	GENERAL ARRANGEMENT AND SCOPE OF WORK
B106-20-02	SOUTH APPROACH SPANS
B106-20-03	PRAATT TRUSS SPANS
B106-20-04	CAMEL BACK TRUSS SPANS
B106-20-05	NORTH APPROACH SPANS
B106-20-06	STRUCTURAL STEEL AND MISCELLANEOUS DETAILS (1 OF 6)
B106-20-07	STRUCTURAL STEEL AND MISCELLANEOUS DETAILS (2 OF 6)
B106-20-08	STRUCTURAL STEEL AND MISCELLANEOUS DETAILS (3 OF 6)
B106-20-09	STRUCTURAL STEEL AND MISCELLANEOUS DETAILS (4 OF 6)
B106-20-10	STRUCTURAL STEEL AND MISCELLANEOUS DETAILS (5 OF 6)
B106-20-11	STRUCTURAL STEEL AND MISCELLANEOUS DETAILS (6 OF 6)
B106-20-12	MISCELLANEOUS DETAILS (6 OF 6)

#### DESIGN DATA:

DESIGN SPECIFICATIONS	CAN/CSA-S8-19 CANADIAN HIGHWAY BRIDGE DESIGN CODE.
LIVE LOADING	RESTRICTED TO LIGHT PASSENGER VEHICLES AND AMBULANCES. (MAXIMUM G.W. = 9.1 TONNES)
NEW STRUCTURAL STEEL	CSA C40.21-13(R2018), GRADE 300W OR 350W
EXISTING STRUCTURAL STEEL	F <sub>y</sub> = 200 MPa
BOLTS, NUTS & WASHERS	HIGH STRENGTH BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION A325, TYPE 1. NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION A563, GRADE DH. WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION F436, TYPE 1.

RELEASED FOR CONSTRUCTION BY :  
ORIGINAL SIGNED BY  
**M. MADY**  
BRIDGE MAINTENANCE ENGINEER

2020/04/27  
DATE

