







GENERAL NOTES:

- SUPERSTRUCTURE NOT SHOWN FOR CLARITY.
- PILES NOT SHOWN FOR CLARITY.
- PERFORM DEMOLITION ON ONE PIER COLUMN AT A TIME. PERFORM DEMOLITION STARTING AT THE TOP AND MOVING
- DOWNWARDS. PIER COLUMN DEMOLITION TO BE STAGED SUCH THAT
- DEMOLITION OCCURS WHEN EMPRESS LANES DIRECTLY ABOVE ARE CLOSED.
- REMOVE CONCRETE ON PIER COLUMNS TO EXTERIOR FACE OF EXISTING SPIRAL REINFORCEMENT.
- IF DISCOVERED THAT EXISTING SPIRAL PIER COLUMN REINFORCEMENT IS SEVERELY CORRODED OR BROKEN DURING REMOVALS, IMMEDIATELY PLACE HIGH TENSILE STEEL STRAPPING AROUND DAMAGED SECTION.
- 8. SANDBLAST REINFORCING STEEL PRIOR TO INSTALLATION OF ANODES AND NEW REINFORCEMENT AS WELL AS NEW CONCRETE PLACEMENT. SEE SHEET 100 FOR INSTALLATION PROCEDURE.
- ALL EXPOSED CONCRETE SURFACES TO BE TREATED WITH SILANE SEALER AFTER ALL REPAIRS ARE COMPLETE.



DETAIL - NEW PAVEMENT AT CENTRE PIER



BID OPPORTUNITY No. 602-2018



REMOVALS

SCALE: 1:10

NEW CONCRETE

MANITOBA Certificate of Authorization MORRISON HERSHFIELD No. 1736 **METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

	LOCATION APPROVED UNDERGROUND STRUCTURES
l	SUPR. U/G STRUCTURES DATE COMMITTEE
	NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

APPROVED STRUCTURES	BM ELEV								PROFESSIONAL'S SEAL	
DATE						MORRIS	SON HERSHFIELD		A.D.G.	
ROUND STRUCTURES ON THE BEST					DESIGNED BY	AG	CHECKED BY	BAP	REGILARSKI Member 32144	
BLE BUT NO	Е	ISSUED FOR ADDENDUM 1	18/10/05	BAP	DRAWN BY	АН	APPROVED BY	BE	32144	
THAT ALL EXISTING OR THAT THE GIVEN	D	ISSUED FOR TENDER	18/09/04	BAP					PROFESSIONAL	
T. CONFIRMATION OF	С	ISSUED FOR 95% DESIGN REVIEW	18/08/07	BAP	HOR SCALE VERT SCALE DATE	AS SHOWN AS SHOWN	RELEASED FOR CONSTRUCTION		10LE2216	
T LOCATION OF ALL	В	ISSUED FOR 50% DESIGN REVIEW REV 1	18/06/28	AG			N/A		CONSULTANT FILE NAME W160034 - DD SU.DWG	
BTAINED FROM THE BEFORE PROCEEDING	Α	ISSUED FOR 50% DESIGN REVIEW	18/04/03	AF						
	No.	REVISIONS	YY/MM/DD	BY			DATE		VV 100034 - DD 30.DVVG	



THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

ENGINEERING DIVISION

	CITY DRAWING NUMBER			
EMPRESS STREET PROJECT	P-3494-94			
OVERPASS REHABILITATION WORKS	SHEET	0F 94	169	
SUBSTRUCTURE CENTRE PIER REHABILITATION 2	DRAWING No.		REV	
	ć	94	E	