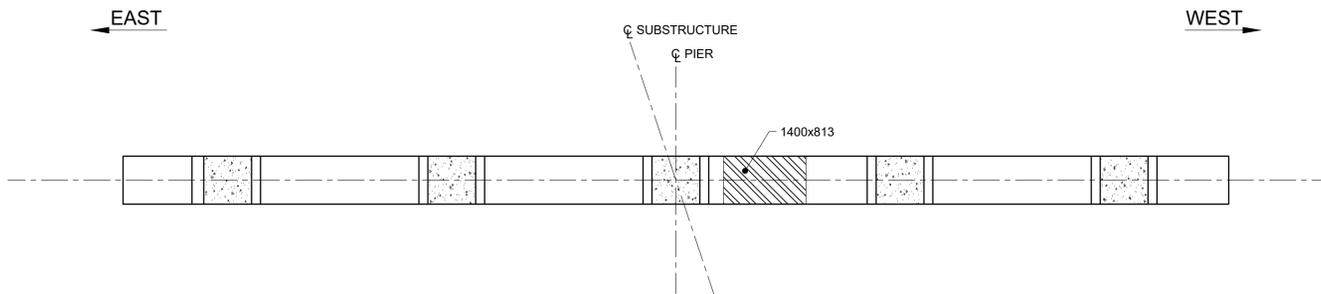
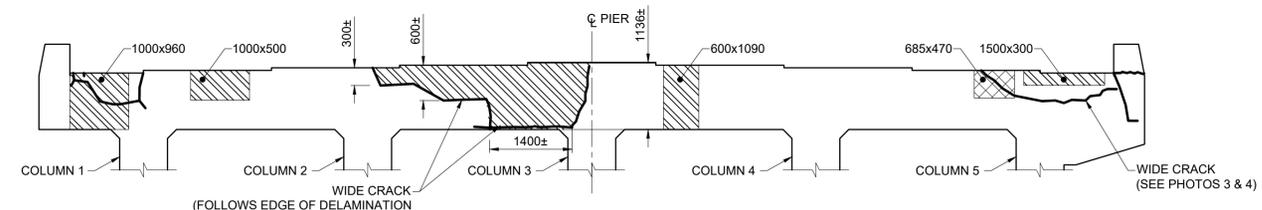


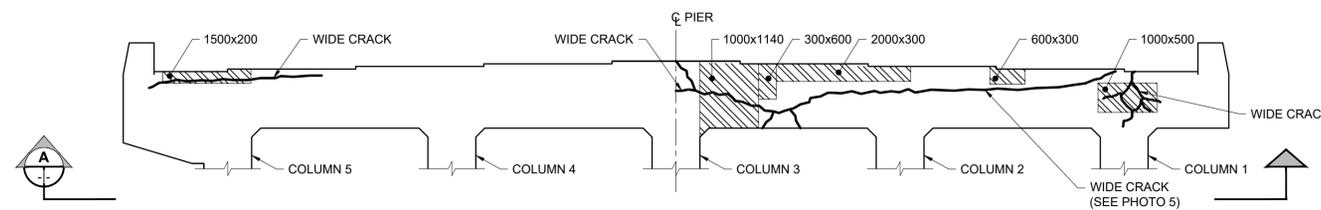
PLAN
SCALE: 1:60



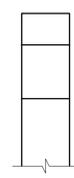
SECTION - UNDERSIDE OF PIER CAP
SCALE: 1:60



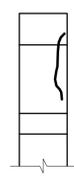
SOUTH PIER CAP ELEVATION - SOUTH FACE
SCALE: 1:60



SOUTH PIER CAP ELEVATION - NORTH FACE
SCALE: 1:60



SOUTH PIER CAP WEST END ELEVATION
SCALE: 1:60



SOUTH PIER CAP EAST END ELEVATION
SCALE: 1:60



1. SOUTH FACE BETWEEN COLUMN 2 & 3



2. SOUTH FACE BETWEEN COLUMN 2 & 3
LOOKING WEST



3. SOUTH FACE ABOVE COLUMN 5



4. SOUTH FACE ABOVE COLUMN 5
LOOKING EAST



5. NORTH FACE BETWEEN COLUMNS 2 & 3
LOOKING WEST

- LEGEND:**
- LOSS OF MORTAR SURFACE REPAIR
 - DELAMINATION
 - SPALL
 - CRACK

- GENERAL NOTES:**
1. ACCESS TO PIER CAP ENDS LIMITED.
 2. DEFECTS MAPPED OCTOBER 5, 2017.
 3. CONTRACTOR TO UNDERTAKE DELAMINATION SURVEY WITH RESIDENT ENGINEER TO CONFIRM EXTENTS OF DEFECTS.
 4. REPAIRS TO BE COMPLETED TO DELAMINATED, SPALLED, AND CRACKED CONCRETE PRIOR TO INSTALLING AND APPLYING ECE TREATMENT. REFER TO SHEET 99 FOR REPAIR DETAILS.
 5. SEE SHEET 89 FOR COLUMN DEFECT MAPS.



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

DATE: _____

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.

No.	REVISIONS	DATE	BY
D	ISSUED FOR TENDER	18/09/04	BAP
C	ISSUED FOR 95% DESIGN REVIEW	18/08/07	BAP
B	ISSUED FOR 50% DESIGN REVIEW REV 1	18/06/28	AG
A	ISSUED FOR 50% DESIGN REVIEW	18/04/03	AG

DESIGNED BY	AG	CHECKED BY	BAP
DRAWN BY	AH	APPROVED BY	BE
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	N/A
VERT SCALE	AS SHOWN	DATE	



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

EMPRESS STREET PROJECT
OVERPASS REHABILITATION WORKS
SUBSTRUCTURE
SOUTH PIER CAP DEFECT MAP
AND SURFACE REPAIRS

CITY DRAWING NUMBER: P-3494-88
SHEET 88 OF 168
DRAWING No. 88 REV D

BID OPPORTUNITY No. 602-2018

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