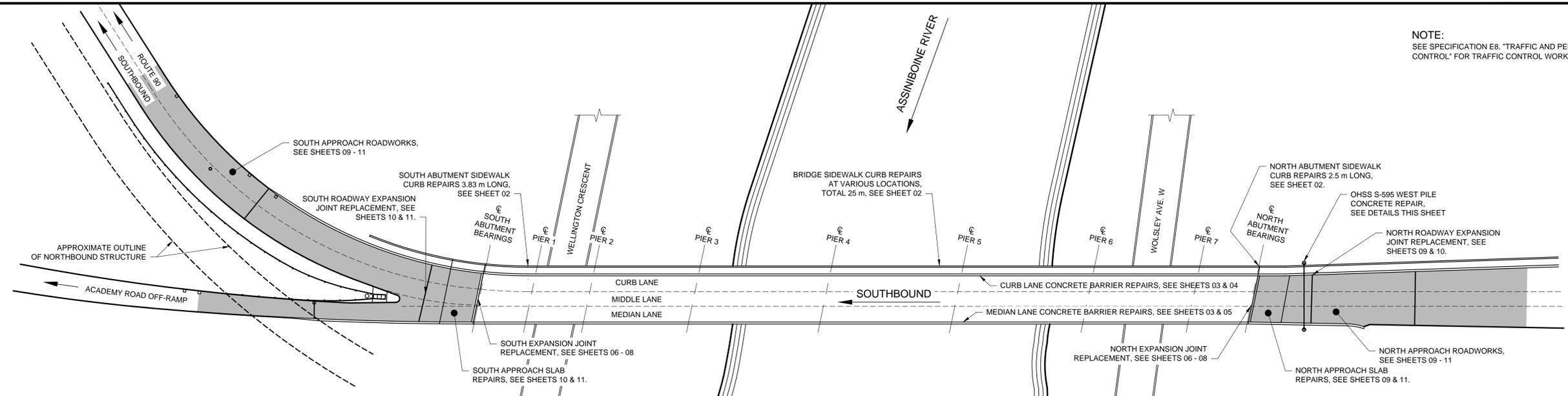
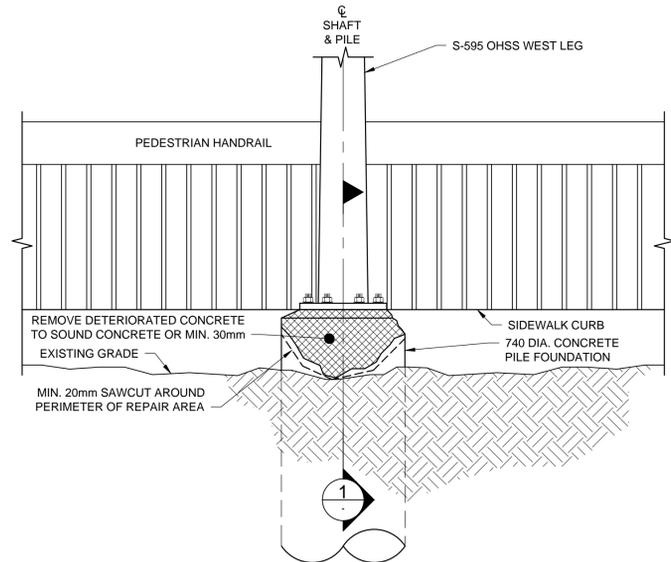




NOTE:  
SEE SPECIFICATION E8, "TRAFFIC AND PEDESTRIAN CONTROL" FOR TRAFFIC CONTROL WORK ZONE DETAILS

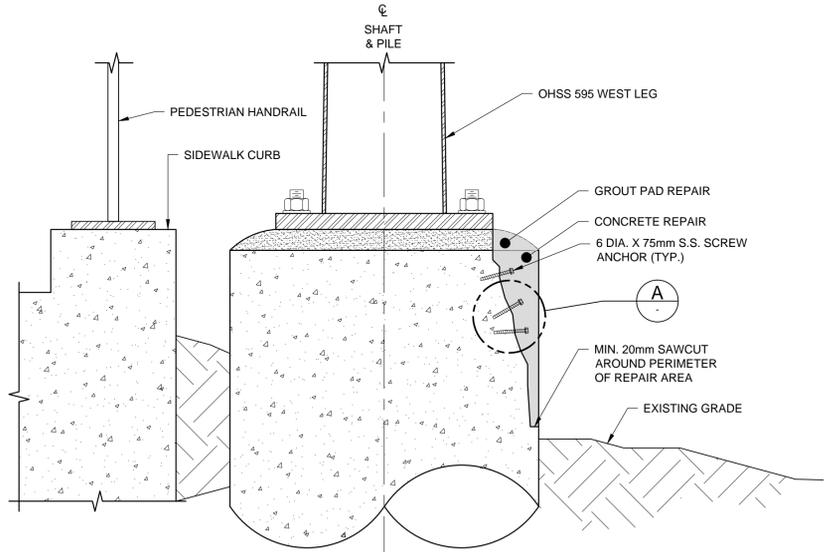


KEY PLAN

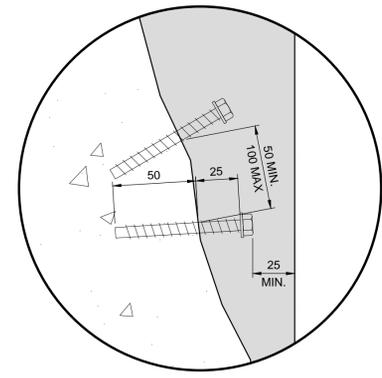


OHSS S-595 WEST PILE CONCRETE REPAIR ELEVATION  
1:20

- PILE REPAIR METHODS:**
1. SAWCUT MIN. 20mm AROUND PERIMETER OF REPAIR AREA
  2. REMOVE FRACTURED OR DETERIORATED CONCRETE TO:
    - 2.1. SOUND CONCRETE:
      - 2.1.1. MIN. 30mm DEPTH, AND
      - 2.1.2. IF REMOVALS EXCEED HALF DEPTH OF REINFORCING BARS, THEN CONTINUE MIN. 20mm PAST REINFORCING BARS
  3. INSTALL 6 DIA. x 75mm S.S. SCREW ANCHORS:
    - 3.1. RANDOM PATTERN WITH MIN. 50mm AND MAX 150mm SPACING,
    - 3.2. 25mm PROJECTION, AND
    - 3.3. MIN. 25mm CLEAR COVER
  4. CLEAN CONCRETE REPAIR AREA AS SPECIFIED AND APPLY BONDING AGENT
  5. PLACE REPAIR MATERIAL AS SPECIFIED



SECTION  
1:8



DETAIL  
1:2

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**APEGM**  
Certificate of Authorization  
Dillon Consulting Limited (MB)  
No. 1789 Date: JUNE 21, 2016

B.M. ELEV.	DESIGNED BY	DRA
	DRAWN BY	KB
	CHECKED BY	RJT
	APPROVED BY	SSR
	HOR. SCALE	—
	VERTICAL	—
0 ISSUED FOR TENDER	6/21/16	RJT
NO. REVISIONS	DATE	BY
	DATE	JUNE 21, 2016



ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
**R.J. TAYLOR**  
08/21/2016  
Member 32400

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
2016 BRIDGE MAINTENANCE - ST. JAMES  
SOUTHBOUND BRIDGE REPAIRS  
ST. JAMES SB KEY PLAN & OHSS S-595  
CONCRETE REPAIR DETAILS

CITY DRAWING NUMBER  
B101-16-01  
SHEET 01 OF 11  
CONSULTANT DRAWING NUMBER  
—

CONSULTANT PROJECT NUMBER  
16-3513

RELEASED FOR CONSTRUCTION

DATE