

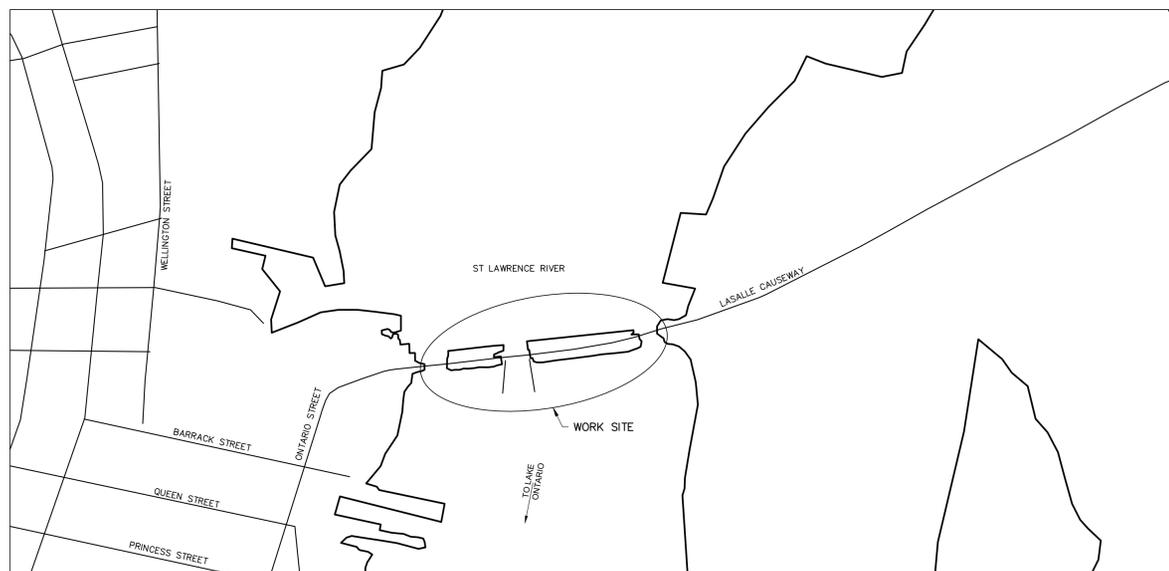


Public Works and  
Government Services  
Canada

Architectural and  
Engineering Services

Ontario Region

# LASALLE CAUSEWAY KINGSTON, ONTARIO



SITE PLAN

## LSC CONCRETE REPAIRS

PWGSC Proj. No.: R.101343.040

Canada

### LIST OF DRAWINGS

#### CIVIL

- C01 TRAFFIC CONTROL PLAN I
- C02 TRAFFIC CONTROL PLAN II
- C03 TRAFFIC CONTROL PLAN III
- C04 CONSTRUCTION STAGING AREA
- C05 ALIGNMENT DETAILS
- C06 REMOVALS
- C07 NEW CONSTRUCTION
- C08 PAVEMENT ELEVATIONS
- C09 NON-STANDARD DETAILS
- C10 UTILITY AND STORM REMEDIATION PLAN

#### STRUCTURAL

- S01 GENERAL ARRANGEMENT
- S02 GENERAL NOTES
- S03 CONCRETE REPAIR AT EAST BRIDGE, SOUTH FASCIA AND CANTILEVER
- S04 CONCRETE REPAIR AT BASCULE BRIDGE MACHINE ROOM SLAB SOFFIT
- S05 CONCRETE REPAIR & HANDRAIL REPLACEMENT AT CONTROL ROOM
- S06 ROADSIDE BARRIER POST REPLACEMENT DETAILS
- S07 BASCULE BRIDGE EAST APPROACH SLAB REMOVALS
- S08 BASCULE BRIDGE EAST APPROACH SLAB REPAIRS
- S09 BASCULE BRIDGE WEST APPROACH REMOVALS
- S10 BASCULE BRIDGE WEST APPROACH CONCRETE BARRIER DETAILS
- S11 PARAPET WALL AT BASCULE BRIDGE EAST APPROACH
- S12 PARAPET WALL AT BASCULE BRIDGE WEST APPROACH
- S13 BARRIER WALL AT BASCULE BRIDGE WEST APPROACH
- S14 WEST WHARF RETAINING WALL REMOVALS
- S15 WEST WHARF RETAINING WALL REPAIRS
- S16 EAST BRIDGE SOUTH SIDEWALK REPAIRS
- S17 MISCELLANEOUS DETAILS
- S18 STANDARD DETAILS
- S19 WEST WHARF ASPHALT PATCH REPAIRS

DRAWING NAME: H:\B0477928\1100\DWGS\DWGS\C00 COVER SHEET.dwg  
REVISED BY: AKL  
MODIFIED: Sep 10, 2021 - 9:22am

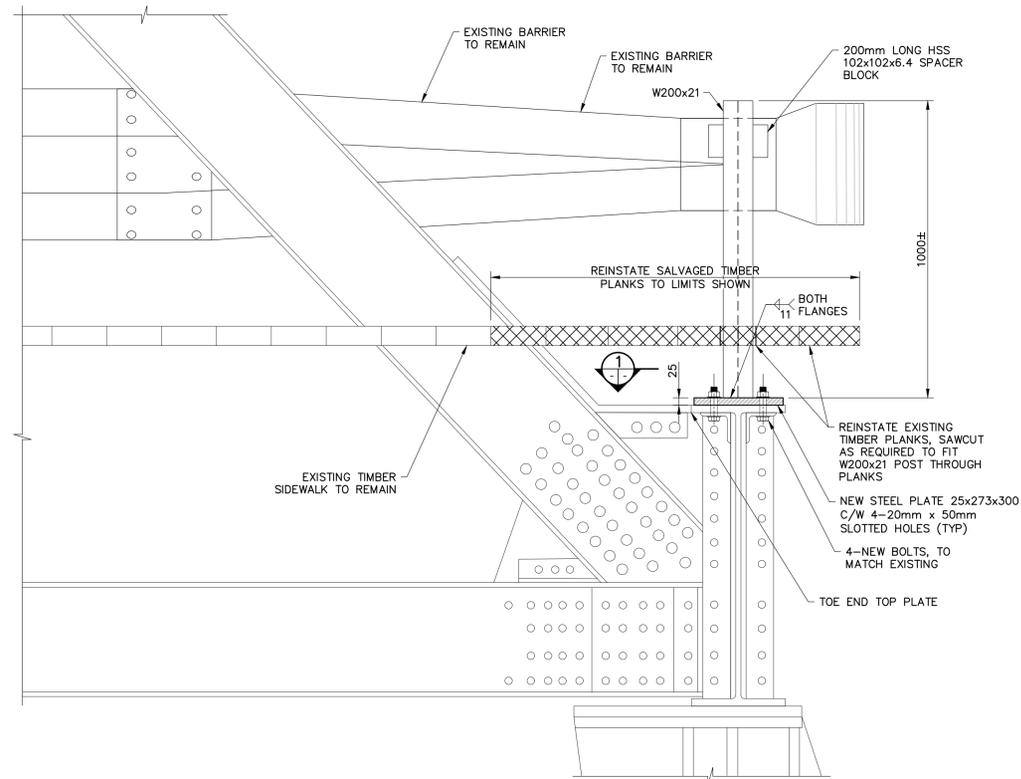


NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DWG S01 AND S02.
2. POSTS AND PLATES SHALL BE GRADE 350WT, HOLLOW STRUCTURAL SECTIONS SHALL BE SUPPLIED IN ACCORDANCE WITH CSA-G40.20-04/G40.21-04 (R2009) GRADE 350W, CLASS H.



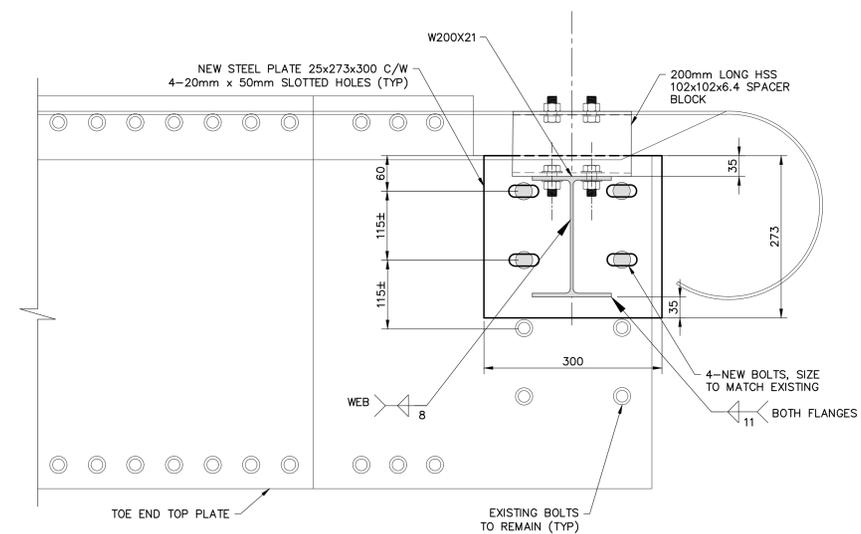
LEGEND  
 REMOVALS



**SOUTHEAST BARRIER POST – REPLACEMENT**  
 1:10



**SOUTHEAST BARRIER POST – REMOVALS**  
 N.T.S.



**SECTION 1-1**  
 SCALE 1:10

1	ISSUED FOR BID SUBMISSION	21/09/10
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revision	description	date
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Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the departmental representative of all discrepancies.

A	Detail No.
B	drawing no. – where detail required
C	drawing no. – where detailed

project title  
**KINGSTON** Ontario  
 PWGSC  
 LaSalle Causeway

**LSC CONCRETE REPAIRS**

drawing title  
**ROADSIDE BARRIER POST REPLACEMENT DETAILS**

drawn by  
**VINCE GUO**

designed by  
**VINCE GUO**

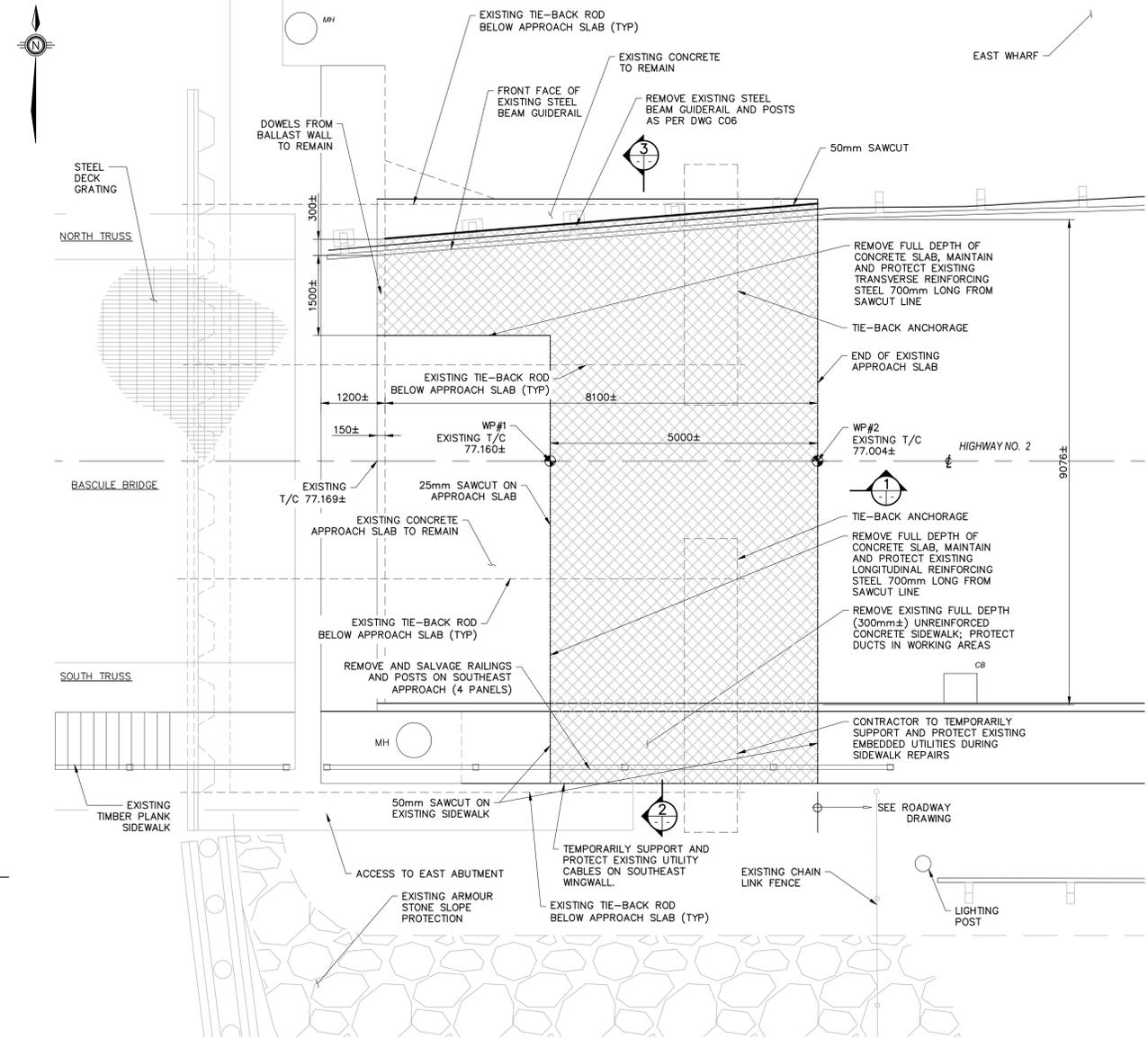
approved by  
**J. GOLZARI**

bid project manager  
**ELISABETH OHI**

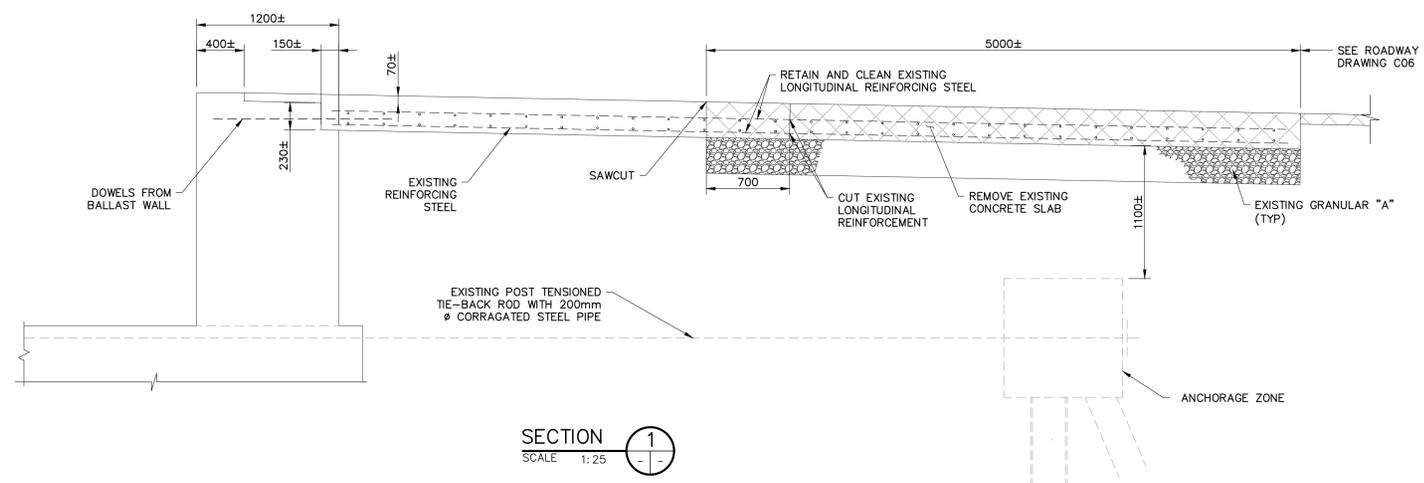
project date  
**2021/09/10**

project no.  
**R.101343.040**

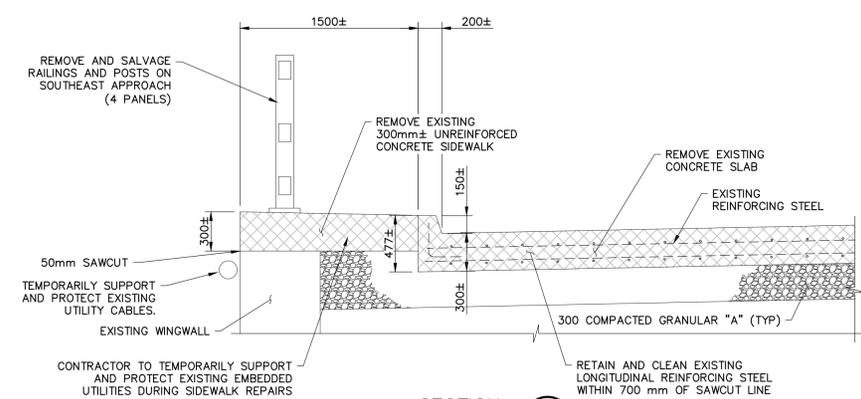
drawing no.  
**S06**



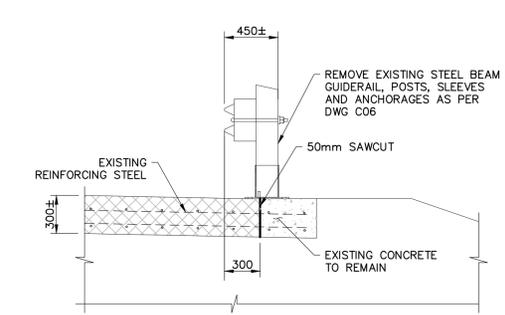
PLAN  
1:50



SECTION 1  
SCALE 1:25



SECTION 2  
SCALE 1:25



SECTION 3  
SCALE 1:25

- NOTES:**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING C06, S01, S06 AND S08.
  - ABRASIVE BLAST CLEAN ALL REINFORCING STEEL THAT IS TO BE RETAINED.
  - CONTRACTOR SHALL EXERCISE EXTREME CARE DURING REMOVAL OF CONCRETE AND GRANULAR FILL ON APPROACH TO PREVENT DAMAGE TO EXISTING TIE-BACK RODS AND ANCHORAGES.
  - REMOVAL OF GRANULAR FILL AT THE APPROACH SHALL BE AS DIRECTED ON SITE BY THE DEPARTMENTAL REPRESENTATIVE.
  - THE CONTRACTOR SHALL SURVEY THE EXISTING CONDITIONS TO OBTAIN ACCURATE STRUCTURE MEASUREMENTS, ELEVATIONS AND GRADES.
  - LIMIT OF ALL REMOVALS SHALL BE SAWCUT.
  - EXISTING STRUCTURE AND REINFORCING STEEL DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE.
  - EXISTING EMBEDDED UTILITY DUCTS IN SIDEWALKS MAY CONTAIN ASBESTOS. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS DURING CONCRETE REMOVALS.
  - SIGNIFICANT CARE SHALL BE TAKEN BY THE CONTRACTOR DURING REMOVAL OF CONCRETE ABOVE UTILITY DUCTS. CONCRETE REMOVAL EQUIPMENT SHALL LIMITED TO CHIPPING HAMMERS (i.e. NO JACKHAMMERS) AND HAND TOOLS.
  - EXISTING STRUCTURE DETAILS, ELEVATIONS AND DIMENSIONS SHOWN ARE APPROXIMATE ONLY AND BASED ON THE AVAILABLE REFERENCE DRAWINGS, AND MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONCRETE REMOVAL.

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Ontario Region



**LEGEND**

	REMOVALS
	EXISTING CONCRETE
	GRANULAR "A"

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revision description date

A	Detail No.
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C	drawing no. - where detailed

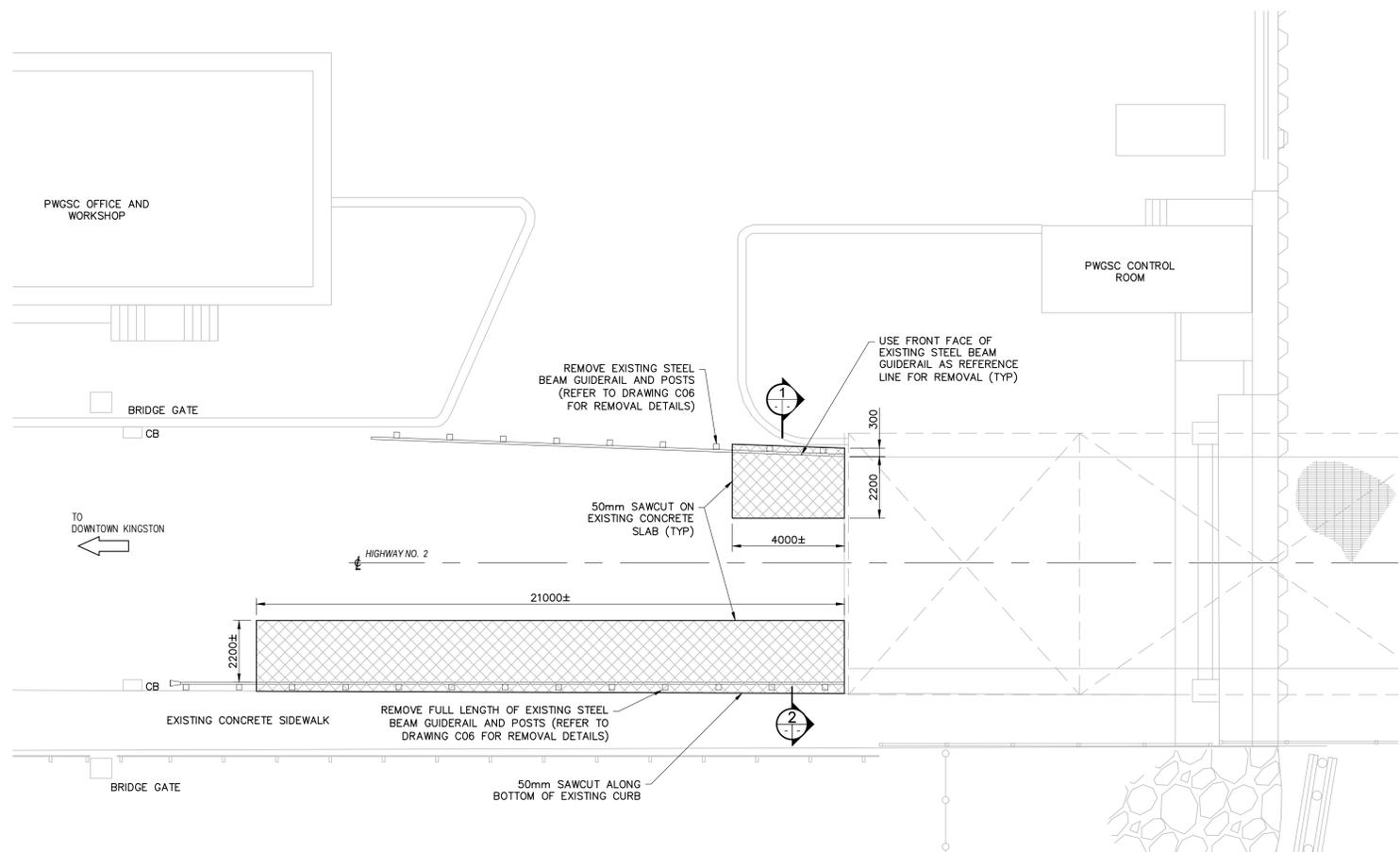
project title  
**KINGSTON** Ontario  
PWGSC  
LaSalle Causeway

**LSC CONCRETE REPAIRS**

**BASCULE BRIDGE EAST APPROACH SLAB REMOVALS**

drawn by	VINCE GUO
designed by	VINCE GUO
approved by	J. GOLZARI
bid	ELISABETH OHI
project date	2021/09/10
project no.	R.101343.040
drawing no.	S07





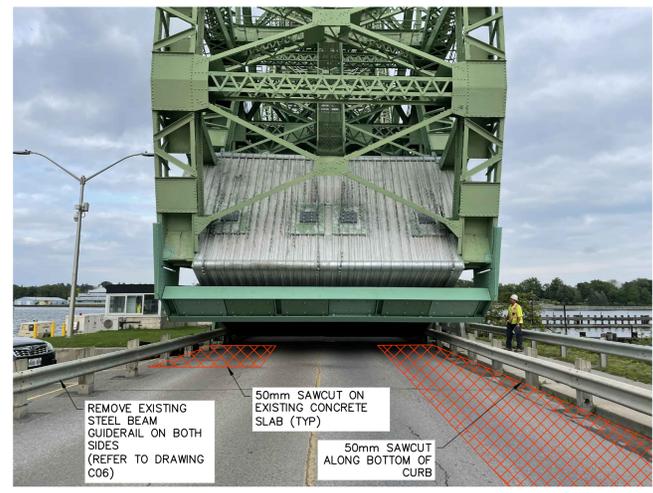
PLAN  
1:100

**NOTES:**  
 1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DWG NOS. C06, S01, AND S02.  
 2. SIGNIFICANT CARE SHALL BE TAKEN BY THE CONTRACTOR DURING REMOVAL OF CONCRETE ABOVE UTILITY DUCTS. CONCRETE REMOVAL EQUIPMENT SHALL BE LIMITED TO CHIPPING HAMMERS (i.e. NO JACKHAMMERS) AND HAND TOOLS.

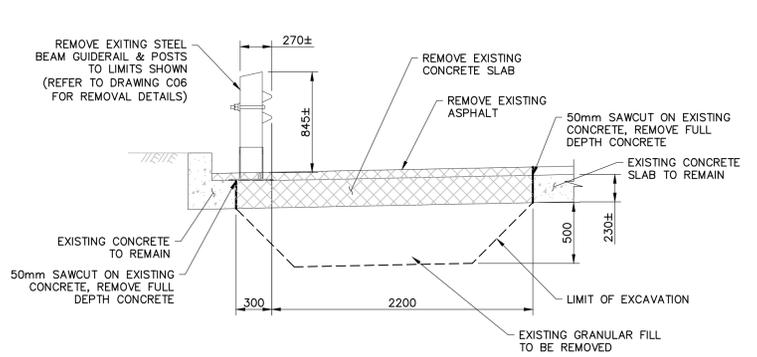
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 Ontario Region



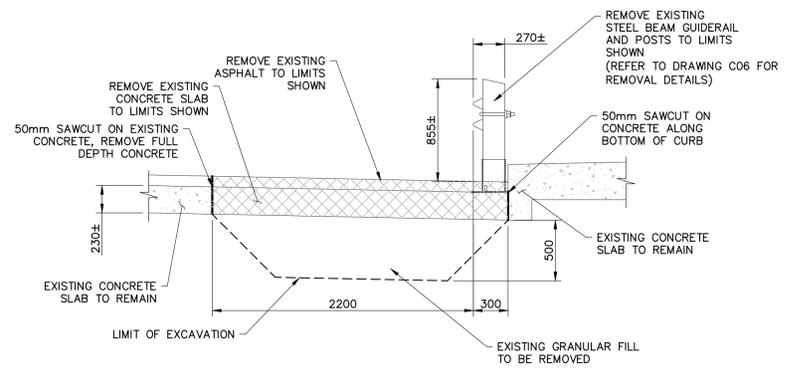
**LEGEND**  
 REMOVALS  
 EXISTING CONCRETE



CONCRETE SLAB -REMOVALS  
N.T.S.



SECTION 1  
SCALE 1:25



SECTION 2  
SCALE 1:25

1	ISSUED FOR BID SUBMISSION	21/09/10
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C	drawing no. - where detailed

project title  
**KINGSTON** Ontario  
 PWGSC  
 LaSalle Causeway

LSC CONCRETE REPAIRS

drawing title  
**BASCULE BRIDGE WEST APPROACH REMOVALS**

drawn by  
 VINCE GUO

designed by  
 VINCE GUO

approved by  
 J. GOLZARI project manager

bid  
 ELISABETH OHI

project date  
 2021/09/10

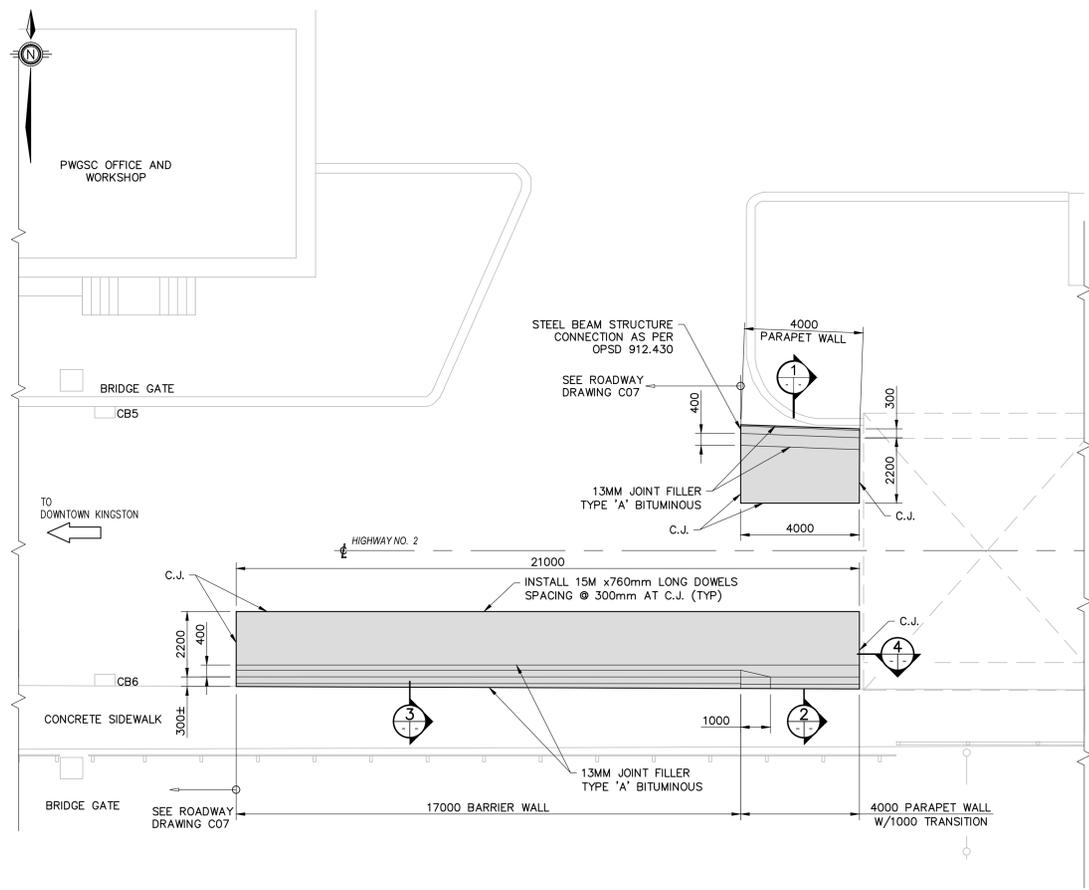
project no.  
 R.101343.040

drawing no.  
 S09

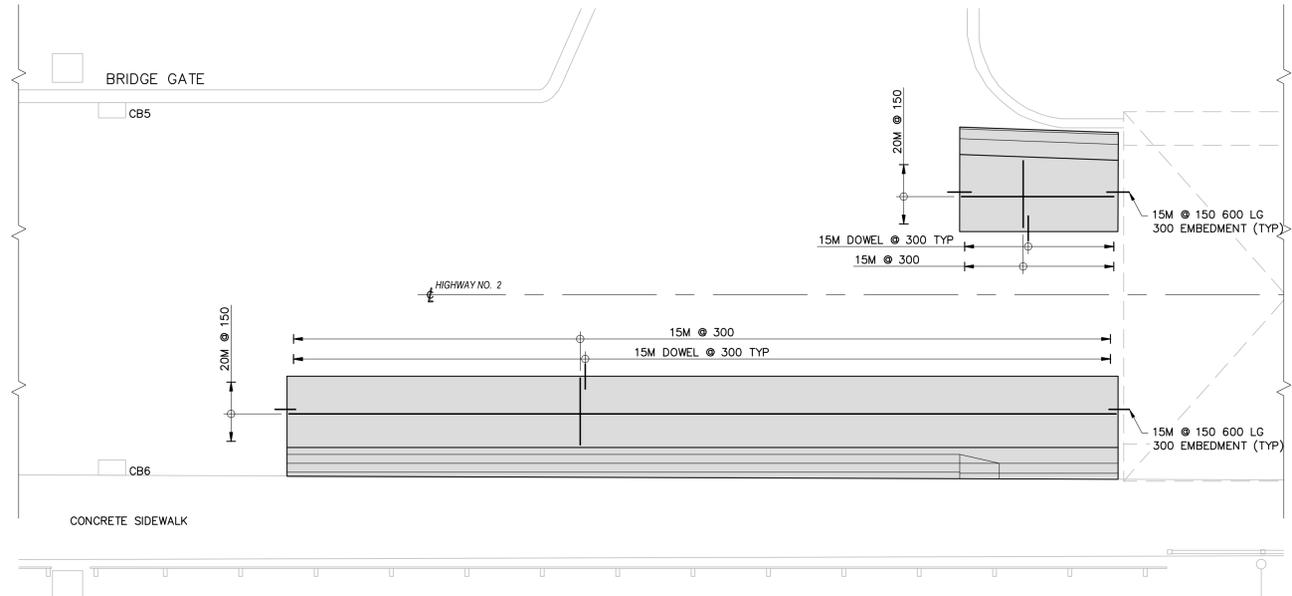
- NOTES:**
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NOS. C07, S01, S02, S12 AND S13.
  2. CONTRACTOR TO CONFIRM AND MAINTAIN EXISTING PAVEMENT STRUCTURE.
  3. ASSUMED PAVEMENT STRUCTURE TO BE VERIFIED IN THE FIELD.



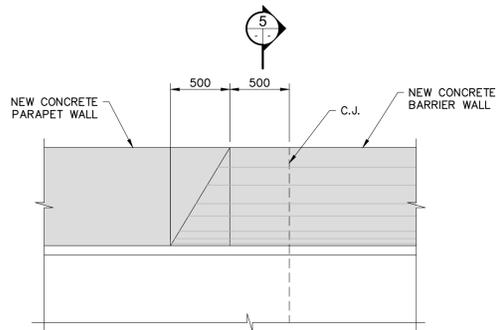
- LEGEND**
- EXISTING CONCRETE
  - NEW CONCRETE
  - GRANULAR "A"
  - NEW ASPHALT



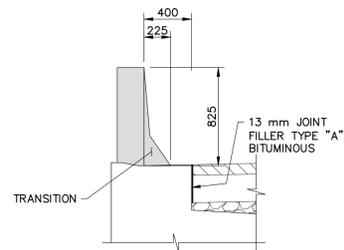
**PLAN**  
1:100



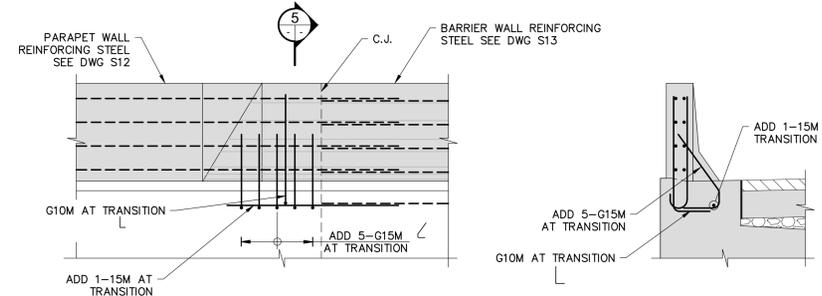
**PLAN** REINFORCEMENT  
1:75



**SECTION 4**  
SCALE 1:25

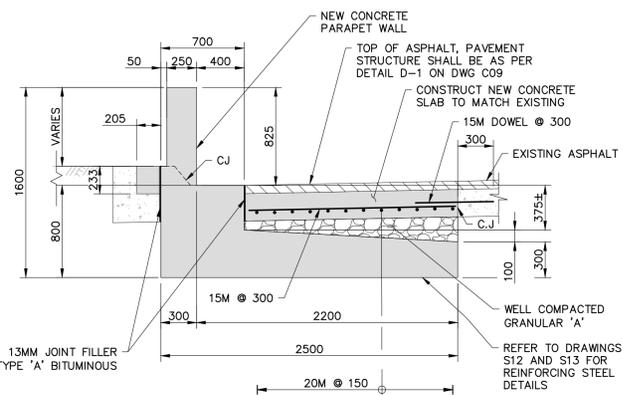


**SECTION 5**  
SCALE 1:25

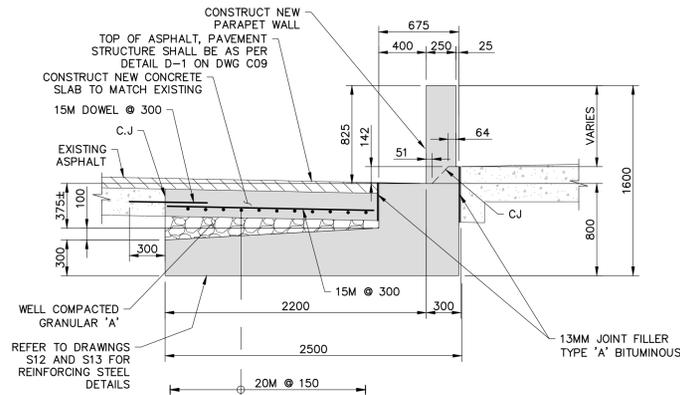


**SECTION 4** REINFORCING  
SCALE 1:25

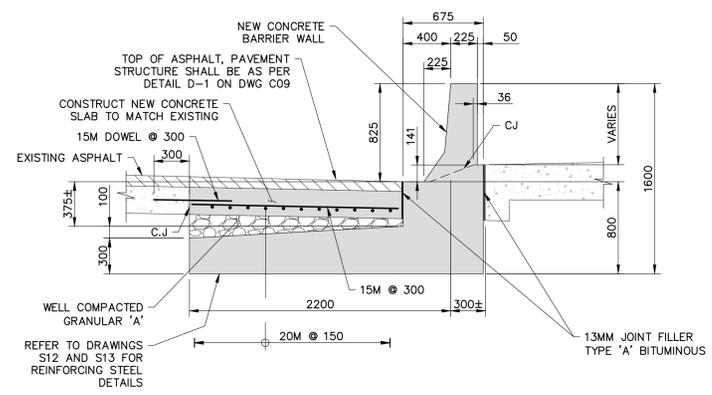
**SECTION 5** REINFORCING  
SCALE 1:25



**SECTION 1**  
SCALE 1:25



**SECTION 2**  
SCALE 1:25



**SECTION 3**  
SCALE 1:25

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**KINGSTON** Ontario  
PWGSC  
LaSalle Causeway

**LSC CONCRETE REPAIRS**

**BASCULE BRIDGE WEST APPROACH CONCRETE BARRIER DETAILS**

drawn by  
VINCE GUO

designed by  
VINCE GUO

approved by  
J. GOLZARI  
project manager

bid  
ELISABETH OHI

project date  
2021/09/10

project no.  
R.101343.040

drawing no.  
S10