TRENT-SEVERN WATERWAY
HEALEY FALLS LOCKS 16-17
CHAMBER AND APPROACH WALL REPLACEMENT

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ISSUED FOR TENDER
AUG. 10, 2015
UNINSTALL AND DISPOSE MOORING CABLES INCLUDING EMBEDDED PARTS. SURVEY AND NOTE LOCATION FOR NEW INSTALLATION (TYP.).

STEEL GATES (PROTECT FROM DAMAGE)

SILL NOSING (PROTECT FROM DAMAGE)

EXISTING TRENCH AND COVERS TO REMAIN. PROTECT FROM DAMAGE.

UNINSTALL AND SALVAGE EXISTING RAILING. SURVEY AND TAG EACH PANEL WITH EXACT LOCATION AND ORIENTATION FOR EASE OF RE-INSTALLATION (TYP. ALL RAILINGS U/N OTHERWISE).

UNINSTALL AND SALVAGE EXISTING LUMINAIRE.

UNINSTALL AND SALVAGE SCRAMBLE LADDER.

UNINSTALL AND SALVAGE EXISTING FLAG MAST.

LOCK No. 17

EXISTING CONCRETE APRON/SIDEWALK (PROTECT FROM DAMAGE (TYP.))

VALVE SHAFT #3

VALVE SHAFT #4

CONDUITS AND HYDRAULIC LINES, PROTECT FROM DAMAGE (TYP.).

UNINSTALL AND SALVAGE EXISTING RAILING. SURVEY AND TAG EACH PANEL WITH EXACT LOCATION AND ORIENTATION FOR EASE OF RE-INSTALLATION (TYP. ALL RAILINGS U/N OTHERWISE).

P" LIMIT OF EXCAVATION BACK OF CHAMBER WALL

P" LIMIT OF COMPLETE CHAMBER WALL DEMOLITION

E.J.

101 A

101 A

75 mm DEEP SAWCUT AT FLOOR (TYP.)

CHAMBER FLOOR EXCAVATION 500 WIDE x 150 DEEP (TYP.) 1:1 SLOPE OF EXCAVATION

PROVIDE TEMPORARY SUPPORT AS REQUIRED FOR REMAINING HYDRAULIC TRENCH.

SALVAGE EXISTING STEEL CHECKER COVER PLATES AND DEMOLISH EXISTING HYDRAULIC TRENCH AS REQ'D FOR LOCK CHAMBER WALL DEMOLITION.

UNINSTALL AND SALVAGE ALL ELECTRICAL CONDUITS AND HYDRAULIC LINES.

ALL EXPANSION JOINT LOCATIONS ARE BASED ON FIELD OBSERVATIONS. PRIOR TO ANY CONCRETE EXCAVATION OR DEMOLITION, CONTRACTOR TO LOCALLY EXCAVATE EXISTING CONCRETE AS PER DEPARTMENTAL REPRESENTATIVES DIRECTION TO CONFIRM EXACT LOCATIONS.

1. NOTE:

Do not scale drawings.
Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

DATE PLOTTED: Aug 10, 2015
FILE NAME: Lock 16 & 17 at Healey Falls - 102 - Removals II.dwg
LAYOUT NAME: 102
PLOTTED BY: ROWAND
GENERAL NOTES:

1. All views, sections, and details of components to be referenced to Reference Drawing No. 100-1 on Drawings 100-1 and 100-2.

2. General Arrangement drawings shall be referred to in Additions, Addenda, and Appendices.

3. All dimensions shown are related to Reference Drawing No. 100-1 on Drawings 100-1 and 100-2.

4. All exposed edges of concrete to be protected from damage.

5. All reinforcing steel lap splice shall be class 'B' unless otherwise noted.

6. All reinforcing steel hooks are standard unless noted otherwise.

7. All sawcuts 75mm deep unless noted otherwise.

8. Reinforcing bars to extend through construction joints unless noted otherwise.

9. All dimensions are given in millimetres.

10. All elevations shown are related to Reference Drawing T20-194.21 on Drawing No. 108.

11. The contractor shall examine and verify all existing site conditions, structures, services, infrastructure and landscaping caused by the work, and signs, in order to determine the extent of repairs required.

12. The contractor is responsible to repair all damages to the existing structures, services, infrastructure and landscaping caused by the work.

13. The contractor shall make no deviation from tender documents without prior written approval of the departmental representative.

14. Additional discrepancies shall be governed by the more stringent and standardized and shall be construed to apply to any similar situation at other locations.

15. The contractor is responsible to repair all damages at no cost to the owner.

16. The contractor shall make no deviation from tender documents without prior written approval from the departmental representative.

17. Demand one shall govern.

18. In the event of a discrepancy between two or more details or sections, the more stringent shall govern.

19. Repair all such damages at no cost to the owner.

20. The contractor is responsible for underpinning of existing structures, services, infrastructure and landscaping caused by the work.

21. The contractor shall verify all dimensions and conditions on site and immediately notify the departmental representative.

22. Do not scale drawings.

23. The contractor shall make no deviation from tender documents without prior written approval from the departmental representative.

24. Full details and shop drawings and/or fabrication of new elements shall be provided by the contractor.

25. Discrepancies shall be reported in writing to the departmental representative.

26. Do not scale drawings.

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103. Discrepancies shall be reported in writing to the departmental representative.
NOTE:

1. All permanent works, steel, works and equipment are designed to withstand a 50 year design life and 50 year exposure class 3 with a probability of 10% of exceedance.

2. Verification of structures, works, and equipment is the responsibility of the Contractor and accepts all risks associated with the construction and operation of the works.

3. The Contractor shall follow the design details, section drawings, and generalized plans provided. Any deviation from the drawings shall require written approval from the Engineer in Charge (E.I.C.).

4. Failure to follow these drawings may result in claims against the Contractor for the cost of repairing or replacing damaged and/or defective works, works, and equipment.

5. The Contractor shall verify all dimensions and conditions on site and immediately notify the Engineer in Charge of any discrepancies.

6. The Contractor shall submit a comprehensive punch list to the Engineer in Charge upon completion of the works.

7. The Contractor shall ensure that all works, works, and equipment comply with the design specifications and construction standards as defined in the contract documents.

8. Any deviations from the contract documents shall require written approval from the Engineer in Charge.

9. The Contractor shall ensure that all temporary works, steel, works, and equipment are removed after the completion of the permanent works, works, and equipment.

10. The Contractor shall ensure that all works, works, and equipment comply with the applicable codes and standards as required by the local authorities.

11. The Contractor shall ensure that all works, works, and equipment are completed in accordance with the contract documents.

12. The Contractor shall ensure that all works, works, and equipment are tested and approved by the Engineer in Charge before the works, works, and equipment are accepted by the owner.

13. The Contractor shall ensure that all works, works, and equipment are maintained in good condition during the warranty period.

14. The Contractor shall ensure that all works, works, and equipment are removed from the site after the completion of the works, works, and equipment.

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