

PART 1 - GENERAL

- 1.1 Related Sections .1 Section 01 74 21 Waste Management and Disposal, Construction/Demolition.
- .2 Section 31 23 10 Excavating, Trenching and Backfilling.
- 1.2 Salvage Items .1 The following materials are to remain the property of the Owner and are to be carefully removed from the existing work and stockpiled on site in area(s) designated by the Departmental Representative.
- .1 Guide rail to be removed as required and reinstated upon completion of work.

PART 2 - PRODUCTS NOT APPLICABLE

PART 3 - EXECUTION

- 3.1 Execution .1 Inspect site and verify with Departmental Representative materials designated for removal.
- 3.2 Removal .1 Remove in their entirety all materials specified for removal including all fastenings. Carefully remove materials designated to be reused, or to be salvaged and store or stockpile on site in areas designated by the Departmental Representative.
- .2 Do not disturb adjacent work designated to remain in place.
- 3.3 Stockpiling .1 Obtain the approval of the Department Representative for the use of a storage site for the material to be re-used in the work.
- 3.4 Restoration .1 Upon completion of work, remove debris, trim surfaces and leave work site in clean condition.
- .2 Reinstate areas and existing works outside areas of construction to conditions that existed prior to commencement of work.

END OF SECTION

PART 1 - GENERAL

- 1.1 Related Sections .1 Section 03 30 10 Concrete Repair and Patching.
- 1.2 General Requirements .1 Comply with all National Building Code construction safety measures and provincial requirements.
- .2 Successful bidder will be required to understand and implement practices as per ACI 546R in the identification and code of practice for demolition of concrete components as it relates to preparation for concrete repairs.
- .3 All saw-cutting for perimeter cuts will be implemented subsequent to identification of the rebar depth. No rebar will be permitted to be cut, damaged, or removed without written permission from the Departmental Representative. All saw-cutting will be done with diamond toothed blades. All applicable safety practices and procedures shall be followed.
- .4 All chipping will be implemented with suitable pneumatic tools such that no micro-cracking will be produced in the sound concrete components. Hammers such as stone carver's air chippers of less than 4kg are considered suitable. All other chipping equipment is subject to review by the Departmental Representative. Should equipment not be deemed suitable, immediately provide suitable equipment. All associated costs are to be considered incidental to the work and no other claims will be permitted. It should be noted that the Contractor is to have the knowledge and expertise to provide suitable equipment.
- .5 Protect all adjacent surfaces from damage during the construction work. Replace, repair, and/or renew any damage.
- .6 Pressure washing equipment to provide 30 MPa pressure wash.

PART 2 - PRODUCTS

NOT APPLICABLE

PART 3 - EXECUTION

3.1 Removals

- .1 Remove deteriorated/delaminated concrete carefully without disturbing sound concrete. Chipping is to extend until encountering sound concrete but ultimately it is at the Departmental Representative's discretion to decide limits.
- .2 If found, corroded reinforcing is to be exposed by chipping to the depth where uncorroded bar is encountered. However, should corroded bar extend more than 50 mm in any direction into sound concrete, inform the Departmental Representative for approval to proceed beyond these limits.
- .3 Chip concrete completely around bar with minimum clearance under bar as indicated on drawings.
- .4 All chipped concrete areas will terminate at a saw cut. Feather edging is not acceptable. Do not allow reinforcing to be cut or damaged. Saw-cut to be limited to the extent of the cover in the sound concrete.
- .5 All removals will be carried out in such a manner as to limit the damage to surrounding elements.

**END OF SECTION**

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