



Department of Design and Construction

SPECIFICATION BULLETIN

SB
22-006

Title: **INCREMENTAL COST NEAR TRANSIT FACILITIES**

Prepared:

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Date: 2022.11.07 12:40:41-05'00'

11/7/2022

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Executive Director, Specifications

Date

Approved:

11/7/2022

How Sheen Pau, P.E.
Associate Commissioner – Infrastructure Design

Date

APPLICABILITY:

- This Specification Bulletin (SB) is effective for projects advertised on or after 11/18/2022.

SUPERSEDEENCE:

- This SB supersedes the following SBs: None.

ATTACHMENTS:

- Section 6.02 XHEC (2 pages)
- Section 6.02 XSCW (2 pages)

REVISIONS TO THE NEW YORK CITY DEPARTMENT OF TRANSPORTATION STANDARD HIGHWAY SPECIFICATIONS, DATED 5/16/2022:

All references contained below are to the New York City Department of Transportation Standard Highway Specifications, Dated May 16, 2022. Said Standard Highway Specifications are hereby revised as follows:

- Refer** to Section 6.02 XHEC – Incremental Cost for Modifying Work Methods Near (Within 3 Feet of) Transit Facilities and Building Vaults;
Delete in its entirety the Section;
Substitute the revised Section in Attachment 1 (2 pages).
- Refer** to Section 6.02 XSCW - Incremental Cost for Using Special Care Work Methods Near (from 3 Feet to 50 Feet) Transit Facilities;
Delete in its entirety the Section;
Substitute the revised Section in Attachment 2 (2 pages).

For questions regarding this bulletin, please contact Richard Jones, ijonesri@ddc.nyc.gov.

SECTION 6.02 XHEC – Incremental Cost for Modifying Work Methods Near (Within 3 Feet of) Transit Facilities and Building Vaults

6.02XHEC.1. DESCRIPTION. Under this section, the Contractor shall be required to modify the Contractor's work methods of construction when performing City work under other scheduled contract items within three (3') feet of Transit Facilities (i.e. NYCT, MTA, LIRR, MNRR, etc.) and building vaults. The 3' will be measured horizontally. Modification of work methods shall include, but not be limited to, hand excavation, extra care preparation of subgrade, placement and compaction of backfill, and providing all materials and methods required to maintain, support, and protect the integrity of Transit Facilities and building vaults, as directed by the Engineer, in consultation with the Transit Facility operator. Private utility work will not be deemed to be included under this item.

6.02XHEC.2. MATERIALS. (No text)

6.02XHEC.3. METHODS. Modification of work methods within three (3') feet of Transit Facilities and building vaults shall be defined as including, but not limited to, the following:

- (A) Excavation of all materials of any nature whatsoever encountered, through the use of hand held pick axes, hand held shovels, and/or other approved type hand-held tools within the limits defined herein.
- (B) Providing extra care preparation of subgrade, placement and compaction of backfill, and all materials and methods required to maintain, support, and protect the integrity of Transit Facilities and building vaults, through the use of hand-held tool for compaction, and the use of sheeting, bracing, etc., as may be required.

All Hand Excavation and Extra Care work shall be performed in accordance with the contract drawings, the specifications and the directions of the Engineer, and in consultation with the Transit Facility operator for their facilities.

6.02XHEC.4. MEASUREMENT. The quantity of "Incremental Cost for Modifying Work Methods Near (Within 3 Feet of) Transit Facilities and Building Vaults" to be measured for payment shall be the actual number of cubic yards of material excavated under other contract items for City work from within three (3') feet of a Transit Facility and building vaults in compliance with the requirements of this Section.

6.02XHEC.5. PRICE TO COVER. The contract price per cubic yard for the "Incremental Cost for Modifying Work Methods Near (Within 3 Feet of) Transit Facilities and Building Vaults" shall be the incremental cost difference of all labor, material, equipment, and incidentals required to complete all work under other scheduled contract items for City work within three (3') feet of a Transit Facility and building vaults, using hand excavation and extra-care work methods in order to maintain, support, and protect the integrity of Transit Facilities and building vaults.

This item will be paid only in conjunction with other scheduled City work contract items for installing waterproofing of Transit Facilities, water mains, sewers, manholes, valves, roadways, etc., in order to complete said work in close (within 3 feet) proximity of Transit Facilities and building vaults (e.g. Payment would be made under the unit price bid for Item No. 60.12D12 – Laying 20-Inch Ductile Iron Pipe and Fitting, for the length of pipe installed plus payment would be made under the unit price bid for Item No. 6.02 XHEC – Incremental Cost for Modifying Work Methods Near (Within 3 Feet of) Transit Facilities and Building Vaults, for the quantity of excavation made within three (3') feet of a Transit Facility in order to install the pipe). However, payment shall be made under this item only for the initial volume of material excavated at a particular location and excludes all Private Utility work items.

The incremental cost for modifying work methods within curb and sidewalk areas will be paid for under Item Nos. 8.02 A, 8.02 JA, 8.02 B, and 8.02 JB, as applicable, and not under 6.02 XHEC.

The incremental cost for modifying work methods within 12" of an oil-o-static pipe will be paid for under Item JB 301 as applicable, and not under 6.02 XHEC.

When there is no scheduled item provided for this work, the incremental cost for modifying work methods near (within 3 feet of) Transit Facilities and Building Vaults shall be deemed included in the prices bid for all the scheduled contract items.

Payment will be made under:

ITEM NO.	ITEM	PAY UNIT
6.02 XHEC	INCREMENTAL COST FOR MODIFYING WORK METHODS NEAR (WITHIN 3 FEET OF) TRANSIT FACILITIES AND BUILDING VAULTS	C.Y.

SECTION 6.02 XSCW - Incremental Cost for Using Special Care Work Methods Near (from 3 Feet to 50 Feet) Transit Facilities

6.02XSCW.1. DESCRIPTION. Under this section, the Contractor shall be required to modify the Contractor's work methods of construction when performing City work, under other scheduled contract items, anywhere within a zone of protection consisting of the area over and up to fifty (50') feet adjacent to Transit Structures (i.e. NYCT, MTA, LIRR, MNR, etc.) or up to the curb line, whichever is closer, and from the top of pavement down to the bottom of the required excavation, but no closer than three (3') feet of the Transit Structure. The measurement to determine the zone of protection will be measured horizontally. Using special care work methods shall include, but not be limited to, a combination of probing or digging carefully done with hand labor using hand held tools only, and machine excavating with mechanized earth moving equipment when hand probing clearly indicates that machine excavating is permissible, special care preparation of subgrade, placement and compaction of backfill, and providing all materials and methods required to maintain, support and protect the integrity of Transit Facilities, as directed by the Engineer in consultation with the Transit Facility operator. Private utility work will not be deemed to be included under this item.

6.02XSCW.2. MATERIALS. (No text)

6.02XSCW.3. METHODS. Special care work methods near Transit Facilities, excluding work within three (3) feet of Transit Facilities which will be paid for under Item 6.02 XHEC, shall be defined as including, but not limited to, the following:

- (A) Full depth sawcutting of existing pavement to be removed by lifting from the adjacent pavement, where and when directed; and, below the pavement, a combination of probing or digging carefully done with hand labor using hand held tools only, and machine excavating with mechanized earth moving equipment when hand probing clearly indicates that machine excavating is permissible for the excavation within the limits defined herein.
- (B) Providing special care preparation of subgrade, placement and compaction of backfill, and the use of materials and methods required to maintain, support, and protect the integrity of Transit Facilities, through the use of approved compaction tools, the use of sheathing, bracing, etc.

All special care work shall be performed in accordance with the contract drawings, the specifications and the directions of the Engineer, in consultation with the Transit Facility Operator.

6.02XSCW.4. MEASUREMENT. The quantity of "Incremental Cost for Using Special Care Work Methods Near Transit Facilities" to be measured for payment shall be the actual number of cubic yards of material excavated using special care operations to perform construction work under other Scheduled contract items for City work, from within the limits specified in Subsection 6.02XSCW.1, above.

6.02XSCW.5. PRICE TO COVER. The contract price per cubic yard for the "Incremental Cost for Using Special Care Work Methods Near Transit Facilities" shall be the incremental cost difference of all labor, material, equipment, and incidentals required to complete all work under other scheduled contract items for City work using special care operations in order to maintain, support and protect the integrity of Transit Facilities.

This item will be paid only in conjunction with other scheduled City work contract items for installing waterproofing of Transit Facilities, water mains, sewers, manholes, valves, roadways, etc., in order to complete the work of other scheduled contract items within the zone of protection specified in Subsection 6.02XSCW.1, above (e.g. Payment would be made under the unit price bid for Item No. 60.12D12 – Laying 12-Inch Ductile Iron Pipe and Fitting, for the length of pipe installed plus payment would be under the unit price bid for Item No. 6.02 XSCW – Incremental Cost for Using Special Care Work Methods Near Transit Facilities, for the quantity of excavation made within the zone of protection in order to install the pipe). However, payment shall be made under this item only for the initial volume of material excavated at a particular location and excludes all Private Utility work items.

The incremental cost for modifying work methods within curb and sidewalk areas will be paid for under Item Nos. 8.02 A, 8.02 JA, 8.02 B, and 8.02 JB, as applicable, and not under 6.02 XSCW.

The incremental cost for modifying work methods within 12" of an oil-o-static pipe will be paid for under Item JB 301 as applicable, and not under 6.02 XSCW.

When there is no scheduled item provided for this work, the incremental cost for using special care work methods near (from 3 feet to 50 feet) Transit Facilities shall be deemed included in the prices bid for all the scheduled contract items.

Payment will be made under:

ITEM NO.	ITEM	PAY UNIT
6.02 XSCW	Incremental Cost for Using Special Care Work Methods Near (from 3 Feet to 50 Feet) Transit Facilities	C.Y.