

# Change Order No.1

Project: **Kirsi Circle Water Main Replacement Project**

Owner: Westford Water Department	Owner's Contract No.: N/A
Engineer: Tighe & Bond, Inc.	Engineer's Project No.: 32-5005-022

Contractor: **Joseph P. Cardillo & Son, Inc.**

Contractor's Address: 1 Melvin Street, Suite C Wakefield, MA 01880


The Contract Documents are modified as follows upon execution of this Change Order:

**Change in Contract Price:**


Item No.	PCO No.	Item (See Attached Summary Description of Change)	Value
1-1		Mobilize to site, saw cut and remove paved sidewalk (2,400 s.y.) on Kirsi Circle and Douglas Road and loam and seed (3,600 s.y.).	\$125,600.00
1-2		Saw cut paved sidewalk on Kirsi Circle (1,100 l.f.) and install gravel subbase (150 c.y.) and fine grade and compact for granite curbing and new paved sidewalk to be installed by others.	\$10,800.00
<b>Total Value of this Change Order (Based on estimated quantities)</b>			<b>\$136,400.00</b>
<b>Original Contract Amount:</b>			<b>\$1,160,785.54</b>
Value of Previously Approved Change Orders:			\$0.00
Contract Price Prior to this Change Order:			\$1,160,785.54
Total Value of this Change Order:			\$136,400.00
<b>Contract Amount Incorporating this Change Order:</b>			<b>\$1,297,185.54</b>

Change in Contract Times: Description	Substantial Completion	Ready for Final Payment
<b>Original Contract Times:</b>	<b>11/15/2020</b>	<b>8/5/2021</b>
Total of Previous Contract Time Changes:	0 days	0 days
Change in Contract Time from this Change Order:	<b>0 days</b>	<b>45 days</b>
Revised Contract Times with all Approved Change Orders:	<b>11/15/2020</b>	<b>9/19/2021</b>


**RECOMMENDED:**

By:   
 Thomas Mahanna, Vice President  
**Tighe & Bond, Inc.**  
 Date: July 9, 2021

**APPROVED:**

By:   
 Stephen Cronin, DPW Director  
**Westford Water Department**  
 Date: 7-15-21

**ACCEPTED:**

By:   
 Mark Cardillo, President  
**Joseph P. Cardillo & Son, Inc.**  
 Date: 7-14-21

**Change Order No. 1**  
**Description and Reason for Change**

**Item 1-1**

**Sawcut and remove paved sidewalk on Kirsi Circle and Douglas Road –** The Town of Westford and Tighe & Bond determined that the condition of the existing paved sidewalk on these streets is mostly in disrepair. The sidewalk is mostly not used by the residents of the neighborhood and they supported the removal. The Town is requesting that Joseph P. Cardillo & Son, Inc. remove all existing paved sidewalks on Kirsi Circle north of Douglas Road, and all sidewalks on Douglas Road and all disturbed areas will be replaced with screened loam and hydroseeded.



Based on the estimated quantities and unit prices provided by Joseph P. Cardillo & Son, the estimated cost of this work including mobilization cost is **\$125,600.00**. The final cost of this work will be based on the actual amount of quantities installed.

**Item 1-2**

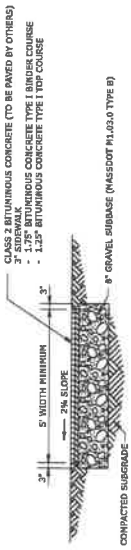
**Sawcut paved sidewalk on Kirsi Circle and prepare area for installation of granite curbing and new sidewalk by others –** The Town of Westford will utilize its existing agreement with Newport Materials to install new granite curbing and paved sidewalks on both ends of Kirsi Circle from Main Street to Douglas Road. The Town is requesting that Joseph P. Cardillo & Son saw cut the pavement based on the layout provided by the Town, remove the existing sidewalk, fine grade areas, install gravel subbase and compact for construction of sidewalk by Newport Materials. Once sidewalk construction is completed, Joseph P. Cardillo & Son will install additional loam and seed on any remaining disturbed areas as required.

Based on the estimated quantities and unit prices provided by Joseph P. Cardillo & Son, the estimated cost of this work including mobilization cost is **\$10,800.00**. The final cost of this work will be based on the actual amount of quantities installed.

**End of Change Order No.1**

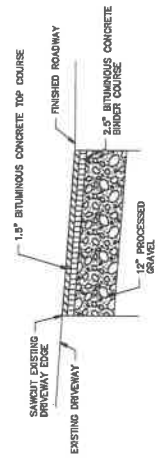
**Westford**  
**Kirsi Circle Sidewalks**

<b>Item No.</b>	<b>Description</b>	<b>Estimated</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total Price</b>
		<b>Qty</b>			
1	Remove and Dispose Sidewalk	2,400	SY	\$ 25.00	\$ 60,000.00
2	Saw Cut and asphalt removal for new walk	1,100	LF	\$ 3.00	\$ 3,300.00
3	Gravel (Provide, Install, Compact, Fine Grade)	150	CY	\$ 50.00	\$ 7,500.00
4	Loam and Seed	3,600	SY	\$ 16.50	\$ 59,400.00
5	Mobilization	1	LS	\$ 6,200.00	\$ 6,200.00
<b>TOTAL</b>					<b>\$ 136,400.00</b>

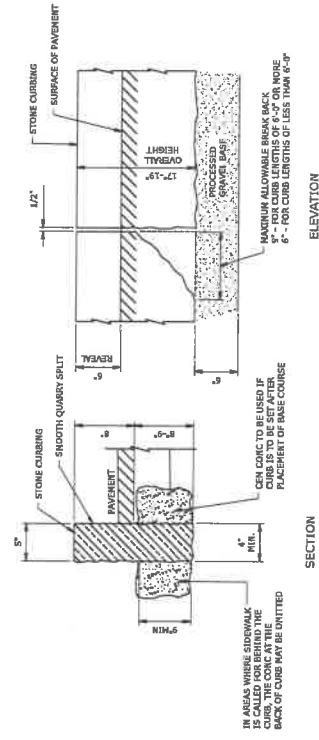
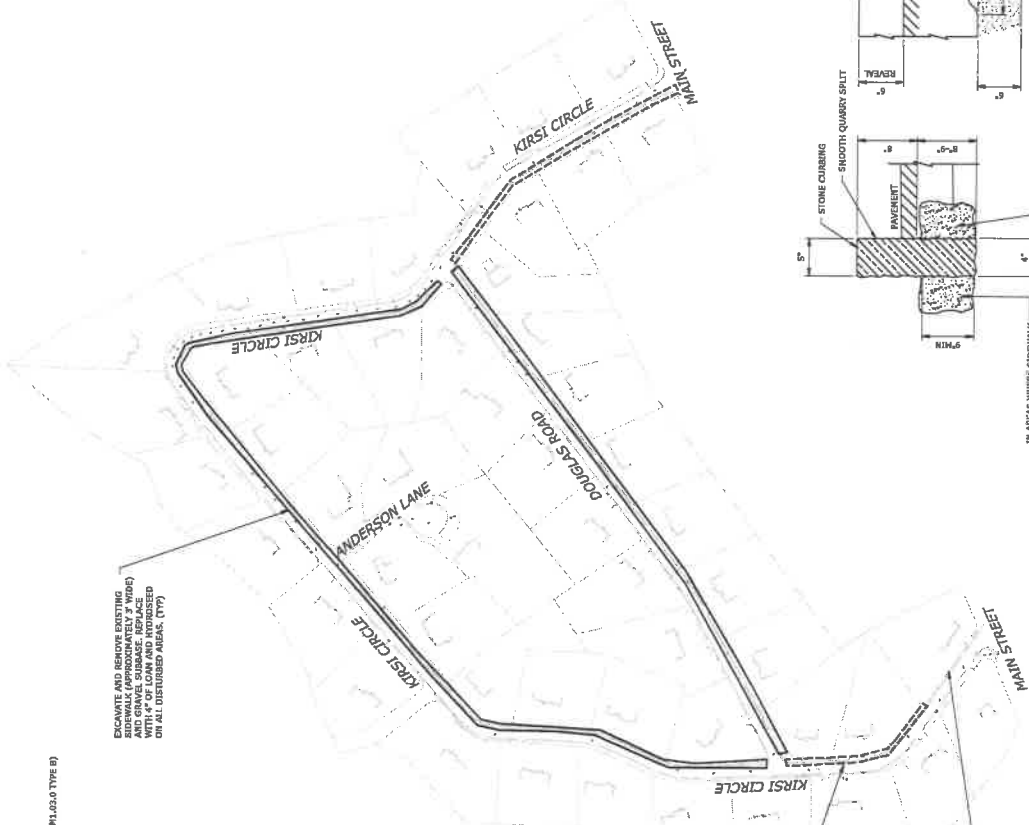


**BITUMINOUS CONCRETE SIDEWALK AND DRIVEWAY DETAIL**  
 NO SCALE

EXCAVATE AND REMOVE EXISTING SIDEWALK (APPROXIMATELY 2' WIDE) AND DRIVEWAY (APPROXIMATELY 4' WIDE) WITH 4" OF LOAM AND INTRODUCED ON ALL DISTURBED AREAS. (TYP)



**DRIVEWAY APRON REPLACEMENT**  
 NO SCALE



PREP FOR BITUMINOUS SIDEWALK AND GRANITE CURB PER DETAILS (TYP)

NEW EXISTING SIDEWALK NOT TO BE REMOVED

**Kirsi Circle Water Main Replacement Project**  
 Westford Water Department  
 Westford, Massachusetts

NO.	DATE	DESCRIPTION
A	12/29/2020	REV 001

DATE: 10/05/2020  
 DRAWN BY: M1-RECHARD  
 CHECKED BY: M1-RECHARD  
 APPROVED: M1-RECHARD

**SIDEWALK AND BERM LAYOUT**  
 SCALE: 1" = 15'