

**Addendum
BUUSD Facilities
Committee Meeting
September 8, 2025**

STORMWATER PROJECT BACKGROUND

BUUSD Secures Grant Funding Through the Vermont Green Schools Initiative

In 2019, BUUSD took advantage of an opportunity to participate in webinars and trainings that explained how Vermont's new stormwater regulations would impact schools. Thanks to that early effort to understand the process, the district was well-positioned to apply for funding through the Vermont Green Schools Initiative.

As a result, BUUSD secured more than \$1 million in stormwater project funding for its three schools. The district is responsible for only 10% of the total project cost, with the remainder covered by grant funding.

About the Vermont Green Schools Initiative

The Vermont Green Schools Initiative is administered by **Greenprint Partners** on behalf of the Vermont Department of Environmental Conservation (DEC). The program was created to help schools comply with the state's **3-Acre General Permit (3-9050)**, which requires properties with three or more acres of impervious surface (such as roofs and parking lots) to install stormwater management systems.

GREENPRINT PARTNERS

W/M/DBE

MEMORANDUM

To: Jamie Evans
CC: Jim Sparber
From: Greenprint Partners - Vivian Yates
Date: 8/19/2025
Re: **Summary of Change Order - Barre City Elementary School Stormwater Improvements**

Hello Jamie,

This memorandum summarizes the Change Order requests to the bid award price for the Barre City Elementary School Stormwater Improvements Project.

Munson Earth Moving was the low bidder at \$458,766.00 and was awarded the contract for the Barre City Elementary School Stormwater Improvements.

The original estimated excavation volume for the stormwater chamber area was 740 cubic yards (CY). Munson Earth Moving submitted a change order request for 1,302 CY to account for the actual excavation volume of 2,042 CY. Additional backfill material was also required, as the original bid only included backfilling the estimated 740 CY excavation area.

During construction, an existing light pole was found to be in conflict with the proposed piping to existing catch basin CB-12. To resolve the conflict, a new drainage manhole (DMH-7) was proposed in lieu of tying into CB-12.

Snow fence was determined to be unnecessary for protecting the trees in the parking lot. In addition, the school has elected not to request replacement of 50 SY of sidewalk that was removed.

Table 1. Change Order 1 - Costs for Quantity Revision and Additional Items

Change Number	Change Description	Quantity	Unit	Unit Price	Extension	Reason for Change
C.O.1.1	ADD COMMON EXCAVATION	1302	CY	\$24.25	\$31,543.50	Increase in excavation quantity from estimate
C.O.1.2	ADD PLACEMENT OF NEW MATERIAL BACKFILL IN STORMCHAMBER AREA	355	CY	\$48.00	\$17,040.00	Original bid included backfill for the 740 CY excavation estimate only.



C.O.1.3	ADD PLACEMENT OF EXISTING MATERIAL BACKFILL IN STORMCHAMBER AREA	350	CY	\$28.00	\$9,800	Original bid included backfill for the 740 CY excavation estimate only.
C.O.1.4	ADD DRAINAGE MANHOLE	1	EA	\$5,800.00	\$5,800.00	New drainage manhole was required to avoid light pole conflict
C.O.1.5	REMOVE SNOW FENCE INSTALLATION	240	LF	\$7.40	\$1,776.00	Snow fence was determined not to be required
C.O.1.6	REMOVE SIDEWALK REPLACEMENT	50	SY	\$93.75	\$4,687.50	A portion of the sidewalk removal was not requested for replacement
Net Change to Contract					\$57,750	

Greenprint Partners approved of change requests C.O.1.1 through C.O.1.3 pursuant to the contract General Conditions, Paragraph 13.03. This provision states that estimated quantities for Unit Price work are not guaranteed and provided only for purposes of bid comparison and establishing the initial contract price. Payments to the Contractor for Unit Price Work will be based on actual installed quantities.

GREENPRINT PARTNERS

W/M/DBE

MEMORANDUM

To: Jamie Evans
CC: Jim Sparber
From: Greenprint Partners - Vivian Yates
Date: 9/3/2025
Re: Summary of Change Order - Barre Town Elementary School Stormwater Improvements

Mr. Evans,

This memorandum summarizes the Change Order requests to the bid award price for the Barre Town Elementary School Stormwater Improvements Project.

K. Bellavance Landworks was the low bidder at \$269,955.00 and was awarded the contract.

Change Order 1 Cost Summary

The construction plans included relocation of a chicken coop; however, the school notified Greenprint Partners that the chicken coop had already been removed from the work area. In addition, K. Bellavance Landworks requested substitution of hydroseed in place of general seed for turf establishment. The costs associated with Change Order 1 are summarized in Table 1.

Table 1. Change Order 1 - Cost Summary

Change Number	Change Description	Quantity	Unit	Unit Price	Extension	Reason for Change
C.O.1.1	Remove RELOCATION OF CHICKEN COOP	1	EA	\$1,250.00	\$1,250.00	Chicken coop was relocated by the school prior to the project start.
C.O.1.2	Remove TURF ESTABLISHMENT, GENERAL SEED	2,250	SY	\$15.00	\$33,750.00	Hydroseed to be used in place of general seed.
C.O.1.3	Add HYDROSEED	20,250	SF	\$1.67	\$33,817.50	Hydroseed to be used in place of general seed.
Net Change to Contract						\$-1,182.50



Change Order 2 Cost Summary

During excavation at the outlet across Websterville Road, additional below-grade utilities were discovered that conflicted with the planned elevation of the 24-inch discharge piping. A private utility locator was hired to verify and identify the utilities and a vactor truck was used to safely remove soil from around them. Work was temporarily paused while the project team evaluated options. It was determined that due to extensive modifications required to catch basin CB-3 to adjust the pipe elevations, a new structure would be required. A survey was completed to verify the proposed piping elevations for the replacement catch basin, after which K. Bellavance Landworks secured the site and demobilized until the new structure became available. The costs associated with Change Order 2 are summarized in Table 2.

Table 2. Change Order 2 - Cost Summary

Change Number	Change Description	Quantity	Unit	Unit Price	Extension	Reason for Change
C.O.2.1	Add PRIVATE UTILITY LOCATE	1	LS	\$600.22	\$600.22	A private utility company located additional utilities.
C.O.2.2	Add VAC TRUCK	1	LS	\$3,437.50	\$3,437.50	A vactor truck was used to carefully remove soil from around utilities.
C.O.2.3	Add LOSS OF WORK DAY	1	LS	\$5,516.75	\$5,516.75	Loss of work day while pausing to determine the path forward.
C.O.2.4	Add RIGID INSULATION	2	EA	\$91.97	\$183.94	Rigid insulation to cover open utilities.
C.O.2.5	Add PREPARATION FOR NEW STRUCTURE AND DEMOB	1	LS	\$4,521.25	\$4,521.25	Survey, equipment and labor for new catch basin elevations, and demobilization.
C.O.2.6	Add CONSTRUCTION FENCE	271.69	LF	\$2.99	\$812.35	Additional construction fencing was added to protect the work area while school is in operation.



C.O.2.7	Add 6-12" DITCH STONE	7	LF	\$16.16	\$113.12	Additional erosion prevention materials to secure the open work area during the temporary pause.
C.O.2.8	Add SEED	5	LB	\$3.45	\$17.25	Additional erosion prevention materials to secure the open work area during the temporary pause.
C.O.2.9	Add HAY	7	EA	\$5.75	\$40.25	Additional erosion prevention materials to secure the open work area during the temporary pause.
Net Change to Contract						\$15,242.63

Table 3. Change Order 3 - Cost Summary

Change Order 3 includes the costs associated with new catch basin CB-3 and disposal of the existing structure. The costs associated with Change Order 3 are summarized in Table 3.

Change Number	Change Description	Quantity	Unit	Unit Price	Extension	Reason for Change
C.O.3.1	Add REPLACEMENT CATCH BASIN AND DISPOSAL OF EXISTING STRUCTURE	1	LS	\$5,918.60	\$5,918.60	New catch basin CB-3 structure and disposal of existing catch basin structure.
Net Change to Contract						\$5,918.60

The total change to the contract from Change Orders 1 through 3 is \$19,978.73. The contract price incorporating Change Orders 1 through 3 is \$289,933.73.

GREENPRINT PARTNERS

W / M / DBE

MEMORANDUM

To: Jamie Evans

CC:

From: Greenprint Partners - Jim Sparber

Date: 9/4/2025

Re: **Summary of Change Orders - Spaulding High School Stormwater Improvements**

Mr. Evans,

This memorandum summarizes the Change Orders requests to the bid award price for the Spaulding High School Stormwater Improvements Project.

K. Bellavance Landworks was the low bidder at \$579,455.00 and was awarded the contract. The following is a summary of the change orders to the project issued as of the date of this memorandum.

Change Order 1 Cost Summary

1. Removal of a bell post and monument within the limits of the project and not shown for removal on the plan.
2. Culverts shown for abandonment did not call for filling. It was determined that the pipes should be filled for long term stability.
3. Due to the high groundwater elevation, soils below the pipe excavation were unstable. Additional material was excavated and replaced with stone to provide for a suitable pipe base.
4. Due to the high groundwater elevation, dewatering operations beyond the standard practices were required to install piping.
5. An existing flagpole was located within the limits of the work and required relocation. This work was not identified in the original contract documents.

Table 1. Change Order 1 - Cost Summary

Change Number	Change Description	Quantity	Unit	Unit Price	Extension	Reason for Change
C.O.1.1	Remove Bell Post & Monument	1	LS	\$2,500.00	\$2,500.00	Bell post and monument were impacted by construction of swale and needed to be moved to accommodate



						construction
C.O.1.2	Fill Abandoned Culvert Pipe	1	LS	\$5,623.73	\$5,623.73	Abandoned pipes to be left in place were not called out for filling. To avoid the potential of future collapse, pipes were filled.
C.O.1.3	Place Additional Stone Due to High Groundwater	1	LS	\$27,286.01	\$27,286.01	Groundwater at the time of construction was at or above the level of infrastructure to be installed. Wet in situ material was not stable enough for construction. Saturated material was removed and replaced with stone to provide a stable base material.
C.O.1.4	Dewatering Operations	1	LS	\$32,805.60	\$32,805.60	Due to high groundwater, continuous high volume pumping for dewatering of trenches was required.
C.O.1.5	Reset Flagpole	1	LS	\$2,840.00	\$2,840.00	Flagpole location was in conflict with project work and required to be reset to accommodate the improvements.
Net Change to Contract						\$71,055.34

Change Order 2 Cost Summary

Change Order 2 work includes changes to the contract for:

1. Modifications to drainage system design impacting Catch Basins 4 and 5
2. Extend south parking lot swale
3. Install an additional 12" culvert and gate entrance



4. Install diaphragm rill to mitigate erosion

Table 2. Change Order 2 - Cost Summary

Change Number	Change Description	Quantity	Unit	Unit Price	Extension	Reason for Change
C.O.2.1	Modifications to drainage system - CB 4 & 5	1	LS	\$15,835.13	\$15,835.13	Field conditions found that the drainage system routing was not as shown on the plans requiring modifications to the proposed plan to direct parking lot water to the stormwater treatment system.
C.O.2.2	Extend south parking lot swale	1	LS	\$13,370.00	\$13,370.00	Swale was extended in lieu of regrading of the parking lot to capture stormwater
C.O.2.3	Install additional 12" culvert at gate entrance	1	LS	\$2,966.46	\$2,966.46	Gate entrance was widened from a pedestrian access to accommodate maintenance vehicles
C.O.2.4	Install diaphragm rill to mitigate erosion	1	LS	\$2,717.30	\$2,717.30	Rills were installed to mitigate areas of erosion observed to be problematic after construction
Net Change to Contract						\$34,888.89

Table 3. Change Order 3 - Cost Summary

During construction it was identified that the outfall pipe that drains the new treatment practices was backpitched and standing water in the outfall pipe would impact the treatment practices. Change Order 3 includes costs associated with:

1. Time and material costs for installation of a new outfall pipe and headwall.



2. Rental for temporary lighting when permanent lighting was removed for installation of the stormwater treatment practice.
3. Exploratory excavation for existing utilities.

Change Number	Change Description	Quantity	Unit	Unit Price	Extension	Reason for Change
C.O.3.1	Installation of new outfall pipe and headwall	1	LS	\$119,782.94	\$119,782.94	Install new outfall pipe and headwall to correct backpitch condition.
C.O.3.2	Temporary Lighting	1	LS	\$37,519.48	\$37,519.48	Existing lighting was impacted by construction and temporary lighting provided for sight safety
C.O.3.3	Exploratory excavation	1	LS	\$5,353.02	\$5,353.02	Several utilities crossed the proposed improvements. Exploratory excavation was completed to determine if utilities would be in conflict.
Net Change to Contract						\$162,655.44

Table 4. Change Order 4 - Cost Summary

Change Order 4 includes costs associated with:

1. Installation of gravel under the guardrail at the parking lot edge to slow runoff and mitigate erosion to the infiltration trench.
2. Removal of a second flagpole located in the work zone.

Change Number	Change Description	Quantity	Unit	Unit Price	Extension	Reason for Change
C.O.4.1	Stone under guardrail	1	LS	\$18,593.34	\$18,593.34	Install stone under the parking lot guardrail to slow runoff and reduce



						erosion between the parking lot and stormwater treatment practice.
C.O.4.2	Second flagpole removal	1	LS	\$2,500.00	\$2,500.00	Removal of second flagpole in conflict with work.
Net Change to Contract						\$21,093.34

Table 5. Change Order 5 - Cost Summary

Change Order 5 includes costs associated with:

1. Replacement of electrical service to scoreboard
2. Installation of flow through grate in sidewalk
3. Addition of stone at ends of culvert

Change Number	Change Description	Quantity	Unit	Unit Price	Extension	Reason for Change
C.O.5.1	Scoreboard electrical service	1	LS	\$4,484.35	\$4,484.35	The electric service was in conflict with the stormwater treatment practice requiring it to be relocated and brought up to code.
C.O.5.2	Sidewalk grate installation	1	LS	\$9,887.39	\$9,887.39	For parking lot drainage to reach the treatment practices, a sidewalk grate was needed to allow flow past the sidewalk.
C.O.5.3	Culvert end treatment	1	LS	\$1,106.51	\$1,106.51	Addition of stone at the end of culvert to reduce erosion.
Net Change to Contract						\$15,478.25



Table 6. Change Order 6 - Cost Summary

Change Order 6 includes costs associated with:

1. Restoration of the athletic fields and fencing impacted by the additional storm sewer work

Change Number	Change Description	Quantity	Unit	Unit Price	Extension	Reason for Change
C.O.6.1	Topsoil and fencing for pope extension restoration	1	LS	\$17,018.07	\$17,018.07	Restoration for installation of new sewer that was installed to correct for backpitched pipe.
Net Change to Contract						\$17,018.07

The total change to the contract from Change Orders 1 through 6 is \$322,189.33. The contract price incorporating Change Orders 1 through 6 is \$901,644.33. Please note that an official change order has not been issued for any contract items in the original bid that were not used during construction. At this time we are estimating that there will be an approximately \$70,000.00 deduct to the contract when all work is completed for a final contract value of approximately \$831,644.33. Final values will be provided when construction is completed.

As required by the program, the District is responsible for a leverage contribution of 10% of the construction contract amount. In May of 2025, Greenprint invoiced the District in the amount of \$73,805.00 which was based on the known contract value at that time. The remaining portion of the District's leverage contribution is estimated as $(\$831,644 \times 10\% - \$73,805) = \$9,359.40$. Greenprint will provide an invoice for the exact amount when the project has been fully closed out and final numbers are known.