

ADDENDUM #1

Issued March 1, 2018

Bid #54-18 2018 Paving and Roadwork

This Addendum forms part of the original document marked “**Bid 54-18: 2018 Paving and Roadwork**”.

Question 1:

The bid tab lists item 609.21 for sloped granite curbing. The item listed is a 6” x 9” product suitable for no more than 4” reveal. Is this the intended product correct or should the item be referencing 609.216 which is a 4”x12” granite curb suitable for up to 6” reveal?

Answer:

Both types of curb may be included so the additional item #609.216 with an estimated quantity of 50’ has been listed on the new bid tab. Item 609.21 has been adjusted down 50’ accordingly.

Question 2:

Is the cracksealing in the bid meant to be the ‘route the pavement crack then fill with seal’ method or the ‘blow out the debris in the crack then fill with seal’ method?

Answer:

The item listed is meant to describe the ‘blow out then fill’ method using an appropriate cracksealing product suitable to be covered shortly thereafter with a thin pavement overlay.

Question 3:

Clarification on the manhole resetting items.

The following items are listed as either VF (in the bid sheet) or LF (on each road summary):

604.4	240*	VF	Adjust CB F & G using brick and mortar
604.51	80*	VF	Adjust SMH Cover using brick and mortar
604.52	20*	VF	Adjust DMH Cover using brick and mortar

According to our sub – this is based on a NHDOT standard, which allows for 12 inches (1 VF) per frame adjusted.

Therefore this equates to (for instance) 240 CB F&Gs to be adjusted over the entire project and a total of 340 structures over the entire project. Each one is assumed to be 1 Ft of vertical height. If they adjust 8 inches on a certain grate, they are still paid the 12 inch/1 ft rate. But if they adjust a grate that requires 18 inches to get it right – they can charge 1.5’ for that single item. Can you comment on if his interpretation is correct?

Answer: The minimum payment on a reset frame and cover (of whatever type) or for installing manhole covers provided by the City is 1.0’ V.F. per structure. If more of the structure needs to be worked than 1.0 Vertical Foot (VF), the entire distance worked on including the cover is measured and paid for by the

VF. It is anticipated that many structures will need more than 1 V.F. worth of work which is why the numbers do not correspond directly to the preliminary street list.

New frames and covers (of whatever type) are paid for under the items 604.611, 604.2, 604.621, or 604.72. Any work below these frames and covers that is needed would be paid for using items 604.4, 604.51 or 604.52 as appropriate. It is anticipated that a final count of structures would be completed just before a new project area is started to determine the final quantities of frames and covers to be ordered. The estimated quantities shown in the preliminary street list are the closest estimate of the actual number of structures to be worked on in each area.

Question 4:

There are also these items in the bid:

604.61	17*	EA	Install 32" SMH F & C Provided by City
604.611	9*	EA	Purchase and Install 24" SMH F & C (USA Made)
604.62	5*	EA	Purchase and Install 32" DMH F & C (USA Made)
604.62	9*	EA	Purchase and Install 24" DMH F & C (USA Made)
604.72	50*	EA	Purchase and Install CB F & G (USA Made)

90 new F&G or F&Cs to be installed.

The question here – are these numbers a subset of the 340 adjustments above? Or do we consider this an additional 90 structures to be adjusted, but with new F&G or F&Cs vs. re-using the old?

Answer: The estimated quantities shown in the preliminary street list are the closest estimate of the actual number of structures to be worked on. These five items are intended for use in purchasing materials, delivering them to the site and installing them on a bed of mortar. Any work below that level would be covered under the adjust items 604.4, 604.51 & 604.52. There will be no cost to the contractor for the City provided manhole covers except for whatever it costs the Contractor to pick up and deliver the castings to the site from the City's yard.

Question 4:

Just a comment on the flowable fill item:

520.421	80	CY	Excavatable Flowable fill for structures
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The flowable fill will take time to set. We usually follow the team resetting the frames, with mix to bring the area around the structure up to the base asphalt grade as soon as possible. Doing the same with flowable fill will mean that the area around the structure will be a potential hazard to cars until the flowable fill has cured (3 or 4 hours?). Again, just a comment – but it does mean we'll want to cone off these areas, have a sign package warning drivers and maybe have the flaggers remain on site while it cures. It's probably not as big a deal in the neighborhoods, but on a road like Grafton or State Street – it'll be a potential hazard.

Answer: Agreed that there may be more risk, especially on high volume streets, but we have become very concerned about settlement of structures that have been hurriedly reset then immediately paved around without suitable compaction of underlying material. We feel that this is the best solution for a long lasting product because there is no need to run a compactor around a structure with wet mortar. It is expected that all loose material would be removed from around the structure prior to placing the flowable fill. Most of the streets are low traffic, slow speed. On Grafton, only 4 catch basins are being

worked on which are obviously on the edges of the road. State St can be closed to through traffic for the day.

Finally, work on Blue Heron and Shearwater exceed the square footage allowed without a Storm Water Pollution Prevention Plan(SWPPP) and the monitoring of the SWPPP and erosion controls so those items are being added for use on those streets or any other streets that will exceed the limits allowed.

Items that are being added to the revised bid tab:

609.216	4" x 12" SLOPED GRANITE CURB	50 LF
645.7	STORM WATER POLLUTION PREVENTION PLAN	1 U
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	20 HR

The attached bid proposal form (bid tab) pages replace the original bid proposal pages 10-13 in the original bid document.

Bidders are to acknowledge Addendum 1 within their bid proposal. Failure to do so may subject a bidder to disqualification.

END OF ADDENDUM 1

Continue below for attachment.

SEE SPREADSHEET IN BACK OF DOCUMENT FOR SPECIFIC LOCATION OF ITEMS

ITEM #	EST. QTY.	UNITS	ITEM DESCRIPTION	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
202.5	1	Ea	Removal of old Catch Basin or Manhole	_____	_____
203.1	1500	CY	Excavation of Excess Reclaim	_____	_____
203.1S	50	CY	Excavation of Bituminous Sidewalks	_____	_____
214	14000	SY	Fine Grading	_____	_____
304.3	100	CY	Crushed Gravel for Sidewalk/Patches	_____	_____
304.32	100	CY	Shoulder Gravel	_____	_____
306.208	14000	SY	8" Reclaim Stab. Base	_____	_____
306.36	800*	Tons	1 1/2" - 2" Stone for Reclaim Stab. Base Blended in via reclaimer	_____	_____
403.11 B	1700	Ton	Machine Pave (50GYR) 3/4" Fine Binder (aka Winter Binder)	_____	_____
403.11H	850	Ton	Machine Pave 3/8" Wearing High Strength Mix if ordered (Item is price differential per ton from normal wearing course mix (403.11W)	_____	_____
403.11W	9900	Ton	Machine Pave 3/8"(75gyr) or 1/2"(50gyr) Wearing	_____	_____
403.12	700	Ton	Hand Method Paving	_____	_____
403.13L	280	SY	Pavement Patching ≥30 square yards	_____	_____
403.13S	250	SY	Pavement Patching <30 square yards	_____	_____
403.6	33000	LF	Pavement Joint Adhesive on various sites	_____	_____
413.6	19000	LBs	Crack Sealing for thin overlays	_____	_____
417	13000	SY	Cold Planing with large machine	_____	_____
417A	1	Day	Large Cold Planer with crew and trucking	_____	_____
417B	3000	SY	Cold Plane (Butt Joints with Bobcat or similar)	_____	_____
520	70	CY	Class A Concrete Backfill for Curb	_____	_____
520.421	80	CY	Excavatable Flowable fill for structures	_____	_____

PROPOSAL FORM (continued)

604.0007	50*	EA	CB Polyethylene liners	_____	_____
604.12	1*	EA	New Type B Catch Basin (W/ Frame & Grate)	_____	_____
604.12A	10*	EA	Replace Top structure of Catch Basin (W/ F&G) With Precast Top	_____	_____
604.22	1*	EA	New Drop Inlet Catch Basin (W/ F&G)	_____	_____
604.324	1*	VF	Install New Drain Manhole	_____	_____
604.4	240*	VF	Adjust CB F & G using brick and mortar	_____	_____
604.51	80*	VF	Adjust SMH Cover using brick and mortar	_____	_____
604.52	20*	VF	Adjust DMH Cover using brick and mortar	_____	_____
604.61	17*	EA	Install 32" SMH F & C <u>Provided by City</u>	_____	_____
604.611	9*	EA	Purchase and Install 24" SMH F & C (USA Made)	_____	_____
604.62	5*	EA	Purchase and Install 32" DMH F & C (USA Made)	_____	_____
604.62 1	9*	EA	Purchase and Install 24" DMH F & C (USA Made)	_____	_____
604.72	50*	EA	Purchase and Install CB F & G (USA Made)	_____	_____
608.12	50*	SY	Patching/Paving Asphalt Sidewalks 2 1/2"	_____	_____
609.01	20*	LF	Vertical Granite Curbing	_____	_____
609.02	20*	LF	Curved Granite Curbing	_____	_____
609.21	50*	LF	6X9 Sloped Granite Curbing	_____	_____
609.21 6	50*	LF	4X12 Sloped Granite Curbing	_____	_____
609.5	3300*	LF	Reset curbing	_____	_____
611.90001	10*	EA	Adjust Existing Gate Valve Sleeves	_____	_____
611.90001A	5*	EA	Replace Gate Valve Sleeves	_____	_____
611.90001B	60*	EA	Adjust Gate Valve Sleeve with riser rings	_____	_____
616.650	3	EA	6' x 50' Traffic Signal Loop	_____	_____
618.6	1	Allowance	Portsmouth Police (Traffic Control)	<u>\$2,000.00</u>	<u>\$2,000.00</u>
618.7	1	Allowance	Flaggers	<u>25,000.00</u>	<u>\$25,000.00</u>
619	1	U	Maintenance of Traffic	_____	_____

PROPOSAL FORM (continued)

628.2	1600	LF	Saw Bituminous Pavement where directed	_____	_____
632.0104	17500	LF	4" Painted Lane Striping with layout	_____	_____
632.3112	2200	LF	12" Thermoplastic Striping (Stop Bars, x-walks)	_____	_____
632.3118	60	LF	18" Thermoplastic Striping (Stop Bars, x-walks)	_____	_____
632.32	240	SF	Thermoplastic Words & Symbols	_____	_____
641	250	CY	Loam and Seed	_____	_____
645.7	1	U	SWPPP	_____	_____
645.71	20	HR	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	_____	_____
692	1	U	Mobilization	_____	_____
1010.2	1	\$	Asphalt Cement Adjustment	<u>\$10,000.00</u>	<u>\$10,000.00</u>

*Estimated Quantity item, quantity unknown and to be verified prior to purchase of material.

TOTAL FOR PROJECT AND BASIS OF AWARD

Total in Figures \$ _____

In Words \$ _____

The City reserves the right to delete any portion of the work/reduce the quantities of work represented in this bid proposal form.

The undersigned agrees that for extra work, if any, performed in accordance with the terms and provisions of the Contract Documents, the bidder will accept compensation as stipulated therein.

Date

Company

By: _____
Signature

Business Address

Title: _____

City, State, Zip Code

Telephone:_____

The Bidder has received and acknowledged Addenda No. _____ through _____.

All Bids are to be submitted on this form and in a sealed envelope, plainly marked on the outside with the Bidder's name and address and the Project name as it appears at the top of the Proposal Form.

We certify that the Company is currently pre-qualified with the State of New Hampshire for Paving Work.

By: _____
Signature

In order to follow the City's sustainability practices, future bid invitations/specifications may be sent electronically. Please provide an email address as to where I could email future bid invitations/specifications of this type. Thank you in advance for your cooperation.

Email Address:_____