



ADDENDUM #3
ITB NUMBER: 2015021-PW-B
Carlton Street Improvements ITB

DATE: February 4, 2015

TO: All Potential Bidders

City of Harrisonburg's Carlton Street Improvements ITB, is modified as follows:

Attached are clarifications, questions and answers, and other additional materials that shall be made part of this ITB.

All other requirements, terms and conditions of the ITB remain unchanged.

Addendum page must be signed and returned with your bid to acknowledge receipt of this addendum.

Authorized Signature

By: Pat Hilliard, CPPB
Procurement Manager

Addendum #3

ITB NUMBER: 2015021-PW-B

Project Number: U000-115-R32, UPC103008

Carlton Street Improvement Project

DATE: February 4, 2015

TO: All Potential Bidders

City of Harrisonburg's Carlton Street Improvement Project ITB, is modified as follows:

1. The City will not be allowing an asphalt price or fuel price adjustment for this project due to the short duration of the project.
2. On Sheet 2 the "Allowable Type of Storm Sewer Pipe" chart should only have an "X" in Concrete and Polypropylene (PP) Type D or S.
3. On the pay item summary, Line 64 Item 27543 "NS SWM Low Permeability Liner" should be square feet (SF). This will make it 4,420 SF.
4. The project bid date will remain the same – February 10, 2015 at 2:00 PM EST.

PROJECT MANAGER: *Timberly Cameron, P.E.* (540)434-5928 (Harrisonburg)
 SURVEYED BY: *NXL, Inc.* (804)644-4600
 DESIGN SUPERVISED BY: *Blck Delong* (540)248-0436
 DESIGNED BY: *McCormick Taylor, Inc.*

GENERAL NOTES

REVISED 2-3-15	STATE	STATE		SHEET NO. 2
	VA.	ROUTE	PROJECT U000-115-R32, C501	

GENERAL NOTES

- Work in this project shall conform to the latest editions of the Virginia Department of Transportation (VDOT) Road and Bridge Specifications, the VDOT Road and Bridge Standards, the Virginia Erosion and Sediment Control Handbook, the Virginia Erosion and Sediment Control Regulations and the City of Harrisonburg Design and Construction Standards Manual. In the event of conflict between any of these standards, specifications or plans, the most stringent shall govern. All utilities to be dedicated to the City of Harrisonburg Municipal Water and/or Sanitary Sewer System shall be constructed and tested to conform to Commonwealth of Virginia/Department of Health Waterworks Regulations and/or Department of Environmental Quality Sewerage Collection and Treatment Regulations and the City of Harrisonburg Design and Construction Standards Manual.
- All drain inlets shall be protected from siltation. Ineffective protection devices shall be immediately replaced and the inlet cleaned. Flushing is not an acceptable method of cleaning.
- When the crushed stone construction entrance has been covered with soil or has been pushed into the soil by construction traffic, it shall be replaced with a depth of stone equal to that of original application.
- The location of existing utilities as shown is approximate only. The contractor is responsible for locating all public or private utilities that lie in or adjacent to the construction site. The contractor shall be responsible for repairing, at his expense, all existing utilities damaged during construction. Forty-eight (48) hours prior to any excavation call Miss Utility 1 (800) 552-7001.
- All underground facilities located within the City's rights-of-way shall be installed prior to the placement of any part of the pavement structure.
- When no centerline alignment is shown for a proposed entrance, the entrance shall be constructed in the same location as the existing entrance.
- All materials used for fill or backfill shall be free of wood, roots, rocks, boulders or any other non-compactable soil type material. Unsatisfactory materials also include man-made fills and refuse debris derived from any source.
- Satisfactory material for use as fill for public streets include material classified in ASTM D-2487 as GW, GP, GM, GC, SW, SP, SM, SC, ML, and CL groups. The moisture content shall be controlled within plus or minus 2 percentage points of optimum to facilitate compaction. Generally, unsatisfactory materials include materials classified in ASTM D-2487 as PT, CH, MH, OL, OH, and any soil too wet to facilitate compaction. CH and MH soils may be used subject to approval of the Engineer. Soils shall have a minimum dry density of 92lb/cubic foot per ASTM D-698 and shall have a plasticity index less than 12.
- Materials used to construct embankments for any purpose, backfill around drainage structures or in utility trenches, or any other depression requiring fill or backfill shall be compacted to 95% of maximum density as determined by the standard Proctor test as set out in ASTM standard D-698. The contractor shall, prior to any operations involving filling or backfilling, submit the result of the Proctor test together with a certification that the soil tested is representative of the materials to be used on the project. Tests shall be conducted by a certified materials testing laboratory and the certifications made by a licensed professional Engineer representing the laboratory.
- Embankment fill and trench backfill shall be placed in lifts at a maximum uncompacted depth of 8-inches and 6-inches, respectively. Density tests shall be conducted at the following minimum frequencies:
 (a) Embankment for roads, streets, dams, etc.: One test per lift per 10,000 square feet of lift.
 (b) Backfill around structures and in trenches: One test per lift per 500 lineal feet of trench.
- Compaction tests for street pavement structure shall be made in cut and fill areas at the following minimum frequencies:
 (a) Sub-Grade: One test per lane per 500 lineal feet.
 (b) Stone Base: One test per lane per 6" compacted lift per 500 lineal feet.
 (c) Hot Asphaltic Concrete: One test per lane per lift per 500 lineal feet.
- All excavations, including trenches, shall be kept dry to protect their integrity.
- Test results shall be submitted to the Engineer. Failure to conduct density tests shall be cause for non-acceptance of the facility. Tests shall be conducted at the sole cost of the Contractor.
- All pavement markings and traffic flow arrows shown on the roadway construction plans are schematic only. The actual location and application of pavement markings shall be in accordance with Section 704 of the applicable VDOT Road and Bridge Specifications, MUTCD, sequence of construction/traffic control plans, pavement marking plan sheets 5A thru 5B and as directed by the Engineer.
- Pavement design is based upon sub grade CBR of 4 and a RF of 2.
- City Inspectors have full authority to reject fill or backfill materials, require undercutting or sub grade stabilization, require provisions for sub drainage, or require other measures which affect the integrity of road and utility construction. Failure to comply with Inspectors' directives shall be cause for nonacceptance of the facility.
- Traffic control on public streets shall be in conformance with the Manual of Uniform Traffic Control Devices and as further directed by City Inspectors.
- Any discrepancies found between the drawings and specifications and site conditions or any inconsistencies or ambiguities in drawings or specifications shall be immediately reported to the Engineer, in writing, who shall promptly address such inconsistencies or ambiguities. Work done by the contractor after his discovery of such discrepancies, inconsistencies or ambiguities shall be done at the contractor's risk.
- A preconstruction conference shall be held prior to the start of construction. The contractor shall arrange the meeting with the Public Works Department and/or Engineer.
- Install City standard street centerline monuments where required for new streets per City standards. Coordinate with City Surveyor for placing of monuments. The City will provide monuments and contractor will be responsible for installation of monuments.
- Topsail and seed all disturbed areas not otherwise covered.
- Temporary construction easements shown are being provided by private property owners in total cooperation with the City. Such easements are for access and temporary occupation only as necessary to complete the work. Unless an owner specifically agrees, contractor shall not use these areas for long term storage of materials, equipment or vehicles (including employee vehicles) and shall endeavor to limit impact on these areas to a minimum. If owner is to agree contractor shall provide written agreement to the City. Contractor shall cooperate with property owners to address their concerns over use of, or access to, their property. All damage to public and private properties caused by the contractor's operations or negligence, beyond that defined by the work itself, shall be repaired to the City's satisfaction at no additional cost to the owner.
- Provide rodding and concrete thrust blocking of waterline appurtenances in accordance with City standards. Provide waterline taps as necessary for pressure testing and bacteriological sampling. All waterline testing is the contractor's responsibility. City Inspector shall witness pressure test and collect samples.
- Grass channels, whether detailed or a result of slope ties, shall be overseeded, protected, maintained and reseeded as necessary to establish erosion-resistant grass cover.
- Pipe lengths shown are from center-to-center of structures.

- Existing edge of pavement (E.P.) is defined as face of gutter in curbed sections or painted edge line in shoulder sections. At locations shown on the plan sheets, prior to widening, saw cut existing pavement 1' from E.P. and remove asphalt and stone material beyond.
- "To be removed" and "remove" indicates contractor's work unless noted to be by others.
- Driveway replacements shall match existing driveways, whether gravel, concrete or paved. Minimum thickness for gravel drives shall be 6 inches of compacted 21A Stone. Minimum paved driveway section shall be 6 inches compacted 21A stone with 2 inches SM-12.5D asphaltic concrete.
- Limits of all driveway replacements shall be confirmed in field with the Public Works Inspector and/or Public Works Engineer.
- Precast units adjacent to cast-in-place concrete items, such as sidewalks, ditches, gutters and flumes, shall be connected to the adjacent unit by means of No. 4 smooth steel dowels spaced on approximately 12" - inch centers throughout the contact length and extend at least into both the precast unit and the cast-in place item. Refer to VDOT Road and Bridge Specs., detail Jan. 1994, sect. 302.03, page 293, paragraph (B) IE.
- The contractor shall control dust caused by construction activities per VDOT Specifications. The cost for allaying dust shall be included in the price bid for Traffic Control.
- The material listed below will be paid for on a tonnage basis on this project. The theoretical tonnage shown on these plans is based on the weight shown hereon. The weight will vary in accordance with the specific gravity of the aggregates and the asphaltic content of the mix actually used to secure the design depth. The weight of the asphalt concrete is based on 95% of theoretical maximum density.
- Asphalt Concrete Surface Type SM-12.5D @ 220 lbs. per sq. yd., Asphalt Concrete Base Type BM-25.0 @ 8" depth, Aggregate Base Material Type I No. 21A @ 10' depth.
- When no centerline alignment is shown for a proposed entrance, the entrance shall be constructed in the same location as the existing entrance.
- Contractor may utilize any City owned parcel for purposes of staging.

DEMOLITION / RELOCATION NOTES

- Unless a separate pay item is listed, cost for removal of an item is included in the contract unit price for the corresponding new item or the cost shall be incidental to other items.
- Temporary and permanent relocation of all signs and mailboxes in project area shall be performed in accordance with section 104.05 of the VDOT standard specifications as well as City sign specifications. Contractor shall consider that all re-installed signs must meet MUTCD, and the Virginia supplement of the MUTCD, height standards regardless of height of existing sign. New mailbox locations must allow for minimum 3.5 ft. clearance from back edge of mailbox to back edge of sidewalk.
- Existing utility poles, overhead and underground utility lines and appurtenances (gas, electric, telephone, cable, computer) are to be relocated by utility companies as necessary to accommodate the work. Some of this may take place during the project. Contractor shall coordinate his work with utility companies to ensure an orderly schedule for this work. Contractor shall be flexible in working around utilities yet to be relocated, and shall give sufficient notice to utility companies if any such relocations are on the critical path for construction of contract items.
- Remove all curb and gutter, entrance gutter and concrete entrances within project area as necessary to widen road and to construct new entrances and curb and gutter per plans.
- Existing large trees and shrubs are shown. Smaller trees and shrubs may not be shown. Contractor shall examine site prior to bid and determine extent of tree and shrub removal necessary to complete other work, and shall include the cost for all such removal in his bid item for "clearing and grubbing". Coordinate with private owners' relocation of trees and shrubs, providing advanced notice where work scheduling requires such removal.
- Refer to water and sewer requirements on Sheet 6(1) for information on relocating and adjusting water and sewer facilities.
- The cost of removal of all existing concrete items located in the area to be graded, including, but not limited to the following, shall be included in the price bid for earthwork: curb, curb and gutter, curb ramps, sidewalk, entrances, drop inlets, light foundations, median islands.

EROSION CONTROL NOTES

- Erosion and sediment control measures shall be installed and maintained in accordance with the Virginia Erosion and Sediment Control Handbook. They shall be maintained continuously, relocated when and as necessary, and shall be checked after every rainfall. Seeded areas shall be checked regularly and shall be watered, fertilized, reseeded and mulched as necessary to obtain a dense stand of grass.
- Permanent or temporary soil stabilization shall be applied to denuded areas within seven days after final grade is reached on any portion of the site. Temporary soil stabilization shall be applied within seven days to denuded areas that may not be at final grade but will remain dormant (undisturbed) for longer than 30 days.
- During construction of the project, soil stockpiles and borrow areas shall be stabilized or protected with sediment trapping measures. The contractor is responsible for the temporary protection and permanent stabilization of all soil stockpiles on site as well as borrow areas and soil intentionally transported from the project site.
- A permanent vegetative cover shall be established on denuded areas not otherwise permanently stabilized. Permanent vegetation shall not be considered until a ground cover is achieved that, in the opinion of the City Erosion Control Administrator or his designated agent, is uniform, mature enough to survive and will inhibit erosion.
- Sediment basins and traps, perimeter dikes, sediment barriers and other measures intended to trap sediment shall be constructed as a first step in any land disturbing activity and shall be made functional before upslope land disturbance takes place.
- Underground utility lines shall be installed in accordance with the following standards in addition to other applicable criteria:
 A. No more than 500 linear feet of trench may be opened at one time.
 B. Excavated material shall be placed on the uphill side of trenches.
 C. Effluent from dewatering operations shall be filtered or passed through an approved sediment trapping device, or both, and discharged in a manner that does not adversely affect flowing streams or off-site property.
 D. Rehabilitation shall be accomplished in accordance with the contract documents.
 E. Applicable safety regulations shall be complied with.
- Where construction vehicle access routes intersect paved public roads, provisions shall be made to minimize the transport of sediment by vehicular tracking onto the paved surface. Where sediment is transported onto a public road surface, the road shall be cleaned thoroughly at the end of each day. Sediment shall be removed from the roads by shoveling or sweeping and transported to a sediment control disposal area. Street washing shall be allowed only after sediment is removed in this manner.
- All unstabilized areas are to drain to approved sediment control measures at all times during land disturbing activities and during site development until final stabilization is achieved.
- The contractor is responsible for installation of any additional erosion control measures necessary to prevent erosion and sedimentation as determined by the City Erosion Control Administrator.
- Stabilization measures shall be applied to earthen structures such as dams, dikes, and diversions immediately after installation.
- All temporary erosion and sediment control measures shall be removed within 30 days after final site stabilization or after the temporary measures are no longer needed, unless otherwise authorized by the City Erosion Control Administrator. Trapped sediment and the disturbed soil areas resulting from the disposition of temporary measures shall be permanently stabilized to prevent further erosion and sedimentation.
- During dewatering operations, water shall be pumped into an approved filtering device.

The following symbols are used to depict Erosion Control items in the plan assembly:

- EC-2 Denotes Protective Covering, St'd EC-2
- EC-3A Denotes Soil Stabilization Mat. St'd EC-3 Type A, B or C
- EC-3B
- EC-3C
- TFB Denotes Temporary Filter Barrier, St'd EC-5
- TSF Denotes Temporary Silt Fence, St'd EC-5
- TDC Denotes Temporary Diversion Channel, St'd EC-12
- DD Denotes Temporary Diversion Dike, St'd EC-9
- TC-1 Denotes Turbidity Curtain, Type - Impervious
- TC-2 Denotes Turbidity Curtain, Type - Pervious
- RCD-1 Denotes Rock Check Dam, Type I; St'd EC-4
- RCD-2 Denotes Rock Check Dam, Type II; St'd EC-4
- IP-A Denotes Inlet Protection, Type A; St'd EC-6
- IP-B Denotes Inlet Protection, Type B; St'd EC-6

LOCATION	ALLOWABLE TYPE OF STORM SEWER PIPE (UNLESS OTHERWISE SHOWN ON PLANS) (SEE ROAD AND BRIDGE STANDARD PC-1 FOR HEIGHT OF COVER LIMITATIONS FOR EACH TYPE)								
	CONCRETE	CORRUGATED STEEL ALUMINUM COATED TYPE 2 FULLY CONCRETE LINED	ALUMINUM COATED TYPE 2 STEEL SPIRAL RIB	POLYMER COATED (10/10) CORRUGATED STEEL SPIRAL RIB	POLYMER COATED (10/10) CORRUGATED STEEL DOUBLE WALL (SMOOTH INTERIOR)	ALUMINUM SPIRAL RIB	POLYVINYLCHLORIDE (PVC) RIBBED PIPE (SMOOTH INTERIOR)	POLYETHYLENE (PE) CORRUGATED TYPE 5	POLYPROPYLENE (PP) TYPE D OR S
All pipes unless otherwise noted on drainage descriptions	X							X	X

GENERAL NOTES

NOT TO SCALE	PROJECT U000-115-R32	SHEET NO. 2
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0300 BID FORM



Mr. James Baker
Director
Department of Public Works
320 East Mosby Road
Harrisonburg, Virginia 22801

Dear Sir:

The undersigned, having visited and examined the site and having carefully studied the drawings and project manual for the City of Harrisonburg, Carlton Street Improvements, hereby proposes to furnish all plant, labor, equipment, materials, and services and to perform all operations necessary to execute and complete the work required for the project in strict accordance with the drawings dated January 13, 2015 and the project manual dated January 13, 2015, together with addenda numbered _____, issued during bidding period and hereby acknowledged subject to the terms and conditions of the Agreement for the following sums of money:

BASE BID PROPOSAL

All labor, material, services and equipment necessary for the completion of the work shown on the Drawings and in the Project Manual and in the Addenda (if issued).

_____ (\$_____)

This bid submitted by (name of firm): _____

It is understood and agreed that the Owner, in protecting his best interests, reserves the right to:

Reject any and all bids, or waive any defects in favor of the City

Or

Accept any bid at the bid price, whereupon the contractor shall furnish equipment and materials as specified.

Contractors shall indicate a unit price for each item listed in the Pay Items Summary which follows. The listed pay items are to contain all necessary costs required for completion of the work. It is understood that all quantities listed below are estimated quantities and the Owner reserves the right to raise, lower or eliminate any quantity or item. Unit prices shall be used in determining partial and full payment.

PAY ITEMS SUMMARY: CARLTON STREET IMPROVEMENTS

Submitted by:		Date:				
Line #	Item #	Description	Unit	Est. Quantity	Unit Price	Amount
1	100	MOBILIZATION	LS	1	\$	\$
2	101	CONSTRUCTION SURVEYING	LS	1	\$	\$
3	110	CLEARING AND GRUBBING	LS	1	\$	\$
4	120	REGULAR EXCAVATION	CY	1660	\$	\$
5	525	CONCRETE CLASS A3 MISC.	CY	10	\$	\$
6	588	UNDERDRAIN (UD-4)	LF	1050	\$	\$
7	591	CONB. UNDERDRAIN CD-2	LF	48	\$	\$
8	595	OUTLET PIPE	LF	78	\$	\$
9	1156	STORM SEWER PIPE 15"	LF	102	\$	\$
10	1186	STORM SEWER PIPE 18"	LF	167	\$	\$
11	1246	STORM SEWER PIPE 24"	LF	143	\$	\$
12	1306	STORM SEWR PIPE 30"	LF	279	\$	\$
13	6150	15" END SECTION ES-1 OR 2	EA	1	\$	\$
14	6240	24" END SECTION ES-1 OR 2	EA	1	\$	\$
15	6754	DROP INLET DI-2B, L=18'	EA	1	\$	\$
16	6816	DROP INLET DI-3AA	EA	1	\$	\$
17	6821	DROP INET DI-3B, L=12'	EA	3	\$	\$
18	6823	DROP INLET DI-3B, L=16'	EA	1	\$	\$
19	6835	DROP INLET DI-3C, L=6'	EA	4	\$	\$
20	6836	DROP INLET DI-3C, L=8'	EA	1	\$	\$
21	7508	DROP INLET DI-7	EA	1	\$	\$
22	9056	MANHOLE MH-1 OR 2	LF	15	\$	\$
23	9057	FRAME AND COVER MH-1	EA	2	\$	\$
24	9150	EROSION CONTROL STONE CLASS I, EC-1	TON	35	\$	\$
25	10123	AGGR. BASE MATL. TY. I NO. 21A	TON	441	\$	\$
26	10128	AGGR. BASE MATL. TY. I NO. 21B	TON	1965	\$	\$
27	10598	NS ASPHALT CONCRETE (SM-9.5AL)	TON	105	\$	\$
28	10608	ASPHALT CONCRETE TY. SM-12.5D	TON	625	\$	\$
29	10628	FLEXIBLE PA VE. PLANING 0"-2"	SY	2818	\$	\$
30	10642	ASPH. CONC. BASE CR. TY. BM-25.0	TON	1469	\$	\$
31	12020	STANDARD CURB CG-2	LF	203	\$	\$
32	12022	RADIAL CURB CG-2	LF	322	\$	\$
33	12030	STD. CURB CG-3	LF	307	\$	\$
34	12600	STANDARD COMB. CURB & GUTTER CG-6	LF	1049	\$	\$
35	12610	RADIAL COMB. CURB & GUTTER CG-6	LF	624	\$	\$
36	12940	ENTRANCE GUTTER CG-9D	SY	52	\$	\$
37	13108	CG-12 DETECTABLE WARNING SURFACE	SY	20	\$	\$
38	13212	R/W MONUMENT RM-2	EA	23	\$	\$
39	13220	HYDR. CEMENT CONC. SIDEWALK 4"	SY	632	\$	\$
40	13222	HYDR. CEMENT CONC. SIDEWALK 7"	SY	60	\$	\$
41	13606	IMPACT ATTEN.(TL-2, 45 MPH MAX. DES.SP)	EA	2	\$	\$
42	14450	SAW CUT CURB, GUTTER AND ENTRANCES	LF	75	\$	\$
43	17329	POST (WOOD, CONC., OR STEEL)	EA	30	\$	\$

PAY ITEMS SUMMARY: CARLTON STREET IMPROVEMENTS

Submitted by:					Date:		
Line #	Item #	Description	Unit	Est. Quantity	Unit Price	Amount	
44	21020	MEDIAN STRIP MS-1	SY	250	\$	\$	
45	23560	TEMP. SAFETY FENCE 4'	LF	800	\$	\$	
46	24152	TYPE III BARRICADE 8'	EA	5	\$	\$	
47	24160	CONSTRUCTION SIGNS	SF	338	\$	\$	
48	24265	NS PORT. CHANGEABLE MESS. SIGN	EA	3	\$	\$	
49	24278	GROUP 2 CHANNELIZING DEVICES	DAY	11700	\$	\$	
50	24282	FLAGGER SERVICE	HR	100	\$	\$	
51	24288	WARNING LIGHT TY. B	DAY	1800	\$	\$	
52	24290	TRAFFIC BARRIER SER. CONC	LF	307	\$	\$	
53	24430	DEMOLITION OF PAVEMENT (FLEXIBLE)	SY	2430	\$	\$	
54	24501	NS REMOVE EXIST. (8" SAN. SEWER)	LF	29	\$	\$	
55	27012	TOPSOIL CLASS B 2"	AC	1.2	\$	\$	
56	27102	REGULAR SEED	LB	286	\$	\$	
57	27103	OVERSEEDING	LB	286	\$	\$	
58	27210	FERTILIZER	TON	0.2	\$	\$	
59	27250	LIME	TON	2.4	\$	\$	
60	27430	SILTATION CONTROL EXCAVATION	CY	785	\$	\$	
61	27451	INLET PROTECTION, TYPE A	EA	1	\$	\$	
62	27461	INLET PROTECTION, TYPE B	EA	12	\$	\$	
63	27505	TEMP. SILT FENCE	LF	1580	\$	\$	
64	27543	NS SWM LOW PERMEABILITY LINER	SF	4420	\$	\$	
65	27544	NS SWM TOPSOIL LINER (CL. A, 12" DEPTH)	CY	164	\$	\$	
66	27545	STORM WATER MAN. BASIN EXCAV	CY	450	\$	\$	
67	27550	SWM DRAINAGE STR.	LF	7	\$	\$	
68	38953	NS LANDSCAPE ALLOWANCE	LS	1	\$12,000.00	\$12,000.00	
69	40003	1" WATER SERVICE LINE	LF	32	\$	\$	
70	40560	INSTALL 6" WATER MAIN	LF	143	\$	\$	
71	41006	6" GATE VALVE & BOX	EA	2	\$	\$	
72	42080	8" SAN. SEWER PIPE	LF	73	\$	\$	
73	42755	SANITARY SEWER MANHOLE	LF	14	\$	\$	
74	42764	MANHOLE FRAME & COVER F&C-1	EA	3	\$	\$	
75	50108	SIGN PANEL	SF	285	\$	\$	
76	50430	SIGN POST STP-1, 2"	LF	410	\$	\$	
77	50490	NS FOUNDATION STP-1 (ANCHOR)	EA	42	\$	\$	
78	50610	RELOC. EXIST. SIGN STRUCTURE TY-1	EA	2	\$	\$	
79	50863	REMOVE-DISPOSE SIGN ST. TY V A	EA	5	\$	\$	
80	51910	SAW CUT (FULL DEPTH)	LF	1000	\$	\$	
81	54020	TY. A PAVE. LINE MARKING 4" (PARKING LOT)	LF	408	\$	\$	
82	54020	TY. A PAVEMENT LINE MARKING 4"	LF	4088	\$	\$	
83	54037	TY. B CL. 1 PAVE. LINE MARKING 8"	LF	29	\$	\$	
84	54042	TY. B CL. 1 PAVE. LINE MARKING 24"	LF	410	\$	\$	
85	54105	ERAD. OF EXIST. PAVE. MARKING	LF	1470	\$	\$	
86	54106	ERAD. OF EXIST. NONLINEAR PAV. MARK.	SF	30	\$	\$	
87	54300	PAVE. MESS. MARK. ELONG. ARROW	EA	8	\$	\$	

PAY ITEMS SUMMARY: CARLTON STREET IMPROVEMENTS

Submitted by:					Date:	
<u>Line #</u>	<u>Item #</u>	<u>Description</u>	<u>Unit</u>	<u>Est. Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
88	54401	PAVE. MESSAGE MARK. SCHOOL ZOND	EA	2	\$	\$
89	54402	PAVE. MESSAGE MARK. YIELD TRI.	EA	20	\$	\$
90	54510	CONSTR. PAVE. MARK. (TY. D, CL.I) 4"	LF	5320	\$	\$
91	54522	CONSTR. PAVE. MARK. (TY. D, CL.I)24"	LF	65	\$	\$
92	69007	FLOWABLE BACKFILL	CY	19	\$	\$
93	85012	NS STREET CENTERLINE MONUMENT	EA	6	\$	\$
94	85103	TEMPORARY SEED	LB	143	\$	\$
95	85021	NS STREET PRINT (TRUCK APRON)	SF	2514	\$	\$
					\$	\$
		TOTAL				\$