



City Hall
208 North First Avenue
Alpena, Michigan 49707
www.alpena.mi.us

Engineering

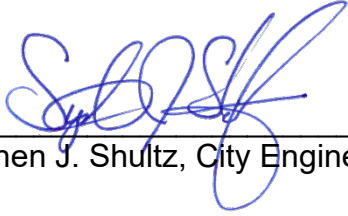
2024 North Second Avenue Infrastructure Upgrades Addendum #1

April 3, 2024

This letter shall serve as Addendum #1 for the **2024 North Second Avenue Infrastructure Upgrades**. Please record the receipt of this addendum on page 13 and 15 of the bid documents.

1. **Please omit the Special Provision for Concrete Stamping in the bid documents and replace with the attached updated Special Provision for Concrete Stamping.**
2. **Please omit the Schedule of Items (Itemized Bid Sheet) in the specifications and replace with the attached Schedule of Items (Itemized Bid Sheet). This sheet corrects item number 4037050 Dr Structure, Repl and Adj, Case 1, Modified to read 4037050 Dr Structure Cover, Repl and Adj, Case 1, Modified.**
3. **Additionally, the below questions that were received and clarified:**
 - **Will the stamped concrete go in the ramp areas? Stamped concrete will not be installed in the ramp areas. It will be installed throughout the now expanded downtown area (up to Clark Street) and will compliment and reflect similar areas of Second Avenue. For example, the installation can be as extensive as the northerly side of Second between River and Carter Streets or as minimal as what exists between Fletcher and Oldfield. We will be working with the adjacent businesses on how much and where it will be in the right of way.**
 - **What items can (shall) be completed in 2025? All hard surfaced areas of the project shall be completed before November 1st, 2024. Restoration, grass growth requirements and tree planting can be completed in 2025. Please Note: The topsoil shall be installed to grade in all areas to prevent trip hazards if the restoration work is wintered over. Additionally, it will need to be dressed in the spring for any wash outs, etc.**
 - **Can integral color be used instead of color hardener? See changes in attached Special Provision for Concrete Stamping**
 - **Can liquid release be used instead of liquid antiquing? See changes in attached Special Provision for Concrete Stamping**
 - **Proposed Typical Sections – The last stationing should read "STA 33+26 – STA 51+75"**

Any questions regarding this addendum should be directed to Stephen Shultz, City Engineer, at (989) 354-1730 or by e-mail at engineer@alpena.mi.us.



Stephen J. Shultz, City Engineer

City of Alpena
Special Provision
For
Concrete Stamping

ALP

1 of 3

03/24

a. Description. Construct decorative (stamped) concrete at the locations specified on the plans. Complete this work in accordance with the standard specifications, Standard Plan R-28 and R-29 Series and this special provision.

b. Materials. All materials shall be as specified in the MDOT 2012 Standard Specifications for Construction except as modified herein.

Concrete: Concrete mixture shall be MDOT mixture P1.

Coloring: No integral coloring shall be utilized for this project.

Release Agent: Release Agent to facilitate the release of imprinting tools shall be “clear liquid release”. Liquid release is to be used at a coverage rate is 200-250 square feet per gallon. There will not be an additional secondary color applied to this project. Approved manufacturers listed below:

Surfcoat	989-792-9000
Brickform	866-792-9009

Antiquing Highlight Color: Additional secondary highlight color shall be “DARK Gray” applied to this project. Antique Highlight is to be used at a coverage rate of 2000-3000 square feet per 3-pound container. Available in 3-pound, 1 gallon pail. Approved Manufacturers listed below:

Surfcoat	989-792-9000
Brickform	866-792-9009

Curing Compound: Note: Standard curing compounds cannot be used on colored or decorative concrete. See following section “Surface Sealer” for approved products.

Surface Sealer: Apply 2 coats at a coverage rate of 200-250 square foot per gallon per coat of a VOC compliant, Class A, siloxane modified methyl methacrylate sealer conforming to the requirements of ASTM C309. Gloss level to be determined by the Engineer. Approved manufacturers listed below:

Surface Koatings	Deco Guard
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Equipment: To impart desired texture, use high-quality resilient mats reproduced from castings of natural materials and providing uniform control of joint depth. The Imprint tool pattern will be Brickform Classic Wood Plank – FM8010S. Substitutes from approved manufacturers must be approved by the engineer.

City of Alpena
Special Provision
For
Concrete Stamping

ALP

2 of 3

03/24

Brickform Products 989-792-9000

c. Construction. Construction of stamped concrete shall conform to MDOT 2003 Standard Specifications for Construction and as modified herein.

Preparation – Carefully lay out the locations of forms and joints, taking into consideration the orientation of the pattern as shown on the Plans, intended aesthetics, and construction sequence. Follow ACI guidelines for all joint placement.

Integral Color – Comply with the color manufacturer's published recommendations and instructions for mix designs, admixtures, concrete temperature, mixing, installing, finishing, and curing. Coordinate colored and stamped concrete to ensure consistency in color, texture, and quality. Concrete colors should always be added at the batch plant, and not be site loaded.

Liquid Release – Apply clear liquid release per manufacturer guidelines.

Imprint Pattern - Comply with tool manufacturer's standards and practices. Lay out to proper alignment and imprint to a consistent depth while concrete is plastic. Do not allow the surface to crust over or harden before stamping. Use of color compatible, surface evaporation materials is encouraged to reduce surface tearing. Hand-tool areas where imprinting tools are not accessible.

Cleaning – Saw cut and remove excessive squeeze joint or fins created between stamp tools. Follow with a thorough wash using a mixture of 1-part muriatic acid and 10 parts water. Lightly scrub the surface and then flush thoroughly. Use of high-pressure water from a pressure washer is not advised. Temperature conditions will dictate the timing of final wash.

Sealing Decorative Surface – Once the surface is dry following the cleaning, seal with 2 thin coats of approved sealer according to the manufacturer's recommendations. Refer to the material section of this special provision for approved products and to the manufacturer technical data sheets for proper installation procedures, including moisture content restrictions at time of application.

City of Alpena
Special Provision
For
Concrete Stamping

ALP

3 of 3

03/24

d. Measurement and Payment. The completed work of constructing stamped concrete will be paid for at the contract unit price(s) for the following contract item(s) (pay item(s)) as they appear in the contract schedule of items:

<u>Pay Item</u>	<u>Pay Unit</u>
Sidewalk, Colored Conc, 4 inch, Stamped	Square Feet
Crosswalk, Colored Conc, 6 inch, Stamped	Square Feet
Sidewalk Ramp, ADA, Colored Conc, Stamped	Square Feet

Stamped Concrete will be measured in place by area in square feet. Payment shall include all labor, material and equipment required to perform all work in accordance with this special provision and as show on the plans, including, but not limited, to providing the Engineer with the final documentation of the concrete mix design.

City of Alpena
Schedule of Items (Itemized Bid Sheet)

Letting Date: Tuesday, April 9, 2024 2:00 PM

Contract ID: 23.161
Location: Second Ave
Description: Fletcher St to Huber St

Project Number: 23.161	Project Engineer: Rebecca Rivard, P.E.
Estimate Number: 1	Date Created: 12/28/2023
Project Type: Miscellaneous	Fed/State #:
Location: Second Ave	Fed Item:
	Control Section:

Description: Water St to Huber St

Instructions to Bidders: See Specifications

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount	
				Dollars	Cts	Dollars	Cts
Project #: 23.161 Second Ave		Category: 0001 Street Items					
1100001	Mobilization, Max \$50,000	1	LSUM				
2020002	Tree, Rem, 19 inch to 36 inch	5	Ea				
2030011	Dr Structure, Rem	17	Ea				
2050010	Embankment, CIP	100	Cyd				
2057021	_ Excavation, Earth, LM, Modified	8,465	Cyd				
2057021	_ Subgrade Undercutting, Type II, Modified	500	Cyd				
2080014	Erosion Control, Filter Bag	20	Ea				
2090001	Project Cleanup	1	LSUM				
3010002	Subbase, CIP	500	Cyd				
3027031	_ Aggregate Base, 22A, Modified	4,984	Ton				
4021202	Sewer Tap, 8 inch	16	Ea				
4027001	_ Sewer, CI A, Sch 40 PVC, 8 inch, Tr Det B2	1,634	Ft				
4027050	_ Sewer Bulkhead, 8 inch	9	Ea				
4037050	_ Dr Structure Cover, Repl and Adj, Case 1, Modified	8	Ea				
4037050	_ Dr Structure, 24 inch dia, with Cover and Casting, Special	29	Ea				
4040073	Underdrain, Subgrade, 6 inch	1,600	Ft				
4047050	_ Underdrain Outlet to Dr Structure, 6 inch	10	Ea				
5010061	HMA Approach	527	Ton				
5017031	_ HMA, 13A, Modified	2,750	Ton				
8010005	Driveway, Nonreinf Conc, 6 inch	3,429	Syd				

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount	
				Dollars	Cts	Dollars	Cts
8020023	Curb and Gutter, Conc, Det C4	6,878	Ft				
8030044	Sidewalk, Conc, 4 inch	12,108	Sft				
8032002	Curb Ramp, Conc, 6 inch	3,634	Sft				
8037001	_ Detectable Warning Surface, Modified	745	Ft				
8037010	_ Sidewalk, Colored Conc, 4 inch, Stamped	12,108	Sft				
8107051	_ Remove and Replace Permanent Signage	1	LSUM				
8110127	Pavt Mrkg, Regular Dry, 6 inch, White	1,750	Ft				
8110128	Pavt Mrkg, Regular Dry, 6 inch, Yellow	1,000	Ft				
8117050	_ Pavt Mrkg, Regular Dry, Parking Stall	88	Ea				
8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	18	Ea				
8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	18	Ea				
8120026	Pedestrian Type II Barricade, Temp	20	Ea				
8120170	Minor Traf Devices	1	LSUM				
8120252	Plastic Drum, Fluorescent, Furn	25	Ea				
8120253	Plastic Drum, Fluorescent, Oper	25	Ea				
8120350	Sign, Type B, Temp, Prismatic, Furn	550	Sft				
8120351	Sign, Type B, Temp, Prismatic, Oper	550	Sft				
8120370	Traf Regulator Control	1	LSUM				
8157050	_ Street Trees, Ball and Burlap, 3 inch	30	Ea				
8167011	_ Slope Restoration, Modified	9,650	Syd				
8247051	_ Contractor Staking, Modified	1	LSUM				

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount	
				Dollars	Cts	Dollars	Cts
Project/Category Total:							

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount	
				Dollars	Cts	Dollars	Cts
Project #: 23.161 Second Ave		Category: 0002 Sanitary Sewer Items					
2030011	Dr Structure, Rem	11	Ea				
2030015	Sewer, Rem, Less than 24 inch	480	Ft				
2030016	Sewer, Rem, 24 inch to 48 inch	3,784	Ft				
4021204	Sewer Tap, 12 inch	1	Ea				
4027001	_ Dr Structure, Add Depth of 48 inch dia, 8 feet to 15 feet	6	Ft				
4027001	_ Sanitary Sewer, SDR 35, 12 inch, Tr Det B2	3,275	Ft				
4027001	_ Sanitary Sewer, SDR 35, 6 inch, Tr Det B2	25	Ft				
4027050	_ Sanitary Sewer Service	62	Ea				
4037050	_ Dr Structure, 48 inch Dia, with Cover and Casting, Special	9	Ea				
Project/Category Total:							

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount		
				Dollars	Cts	Dollars	Cts	
Project #: 23.161 Second Ave		Category: 0003 Water Items						
8237001	_ Water Main, DI 12 inch, Tr Det G, Modified	3,294	Ft					
8237001	_ Water Main, DI 6 inch, Tr Det G, Modified	80	Ft					
8237001	_ Water Main, DI 8 inch, Tr Det G, Modified	772	Ft					
8237001	_ Water Main, Rem	4,161	Ft					
8237050	_ Bend, DI, Cross, 12 inch x 8 inch	6	Ea					
8237050	_ Connect to Existing Water Main	20	Ea					
8237050	_ Fire Hydrant Assembly	10	Ea					
8237050	_ Fire Hydrant Assembly, Rem	10	Ea					
8237050	_ Fittings Not Shown on Plans	15	Ea					
8237050	_ Gate Valve and Box, 12 inch, Modified	43	Ea					
8237050	_ Gate Valve and Box, 6 inch, Modified	11	Ea					
8237050	_ Gate Valve and Box, 8 inch, Modified	7	Ea					
8237050	_ Tee, DI 12 inch by 6 inch	10	Ea					
8237050	_ Tee, DI 12 inch by 8 inch	6	Ea					
8237050	_ Water Service, Varies 1 inch to 6 inch	62	Ea					
8237050	_ Water, Reducer, 12 inch to 4 inch	1	Ea					
8237050	_ Water, Reducer, 12 inch to 8 inch	3	Ea					
8237051	_ Testing and Chlorination	1	LSUM					
Project/Category Total:								

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount		
				Dollars	Cts	Dollars	Cts	
Total Bid:								

Contractor: _____

(Signature)

(Date)