## **PUBLIC NOTICE**

#### PUBLIC SERVICES COMMITTEE MEETING

Chair: Amy Brewer Committee Members: Fred Albrecht and Kim Chamberland

> Thursday, January 17, 2019 at 5:00 P.M. City Council Chambers 745Center Street, Milford, Ohio 45150

#### **AGENDA**

- Lime lagoon cleaning contract
- Castleberry lift station design proposals
- Urban paving ODOT bid results
- Golf cart proposal and discussion
- Billboard design proposal and discussion

#### CONTRACT BID FORM

#### CITY OF MILFORD WATER TREATMENT PLANT CLEANING OF LIME SLUDGE LAGOON #I

BIDDER agrees to provide under this Contract No. W-2019-01 all necessary equipment, materials, labor and incidental items as specified in the Contract Documents, Plans and Specifications, for the Lump Sum price specified as follows:

 Lump Sum for All Labor
 .\$ 62,000.00

 Lump Sum for All Material
 .\$ 24,800.00

 CONTRACT NO. W-2019-01
 \$ 86,800.00

Attach description of proposed procedures and disposal site with Bid Form.

Time for completion and liquidated damages for Contract No. W-2019-01 shall be 90 calendar days and \$500.00 per calendar day respectively.

Respectfully Submitted:

|                                     | Synagro Central, LLC Company Name  UMALLA ASSISTANT Signature & Title |
|-------------------------------------|---|
|                                     | 435 Williams Court, Suite 100<br>Address                              |
| (Seal - If bid is by a corporation) | Baltimore, MD 21220   |
| Allest Alan Slepian, Secretary      | 1/8/2019<br>Date  |





January 10, 2019

City of Milford
745 Center Street, Suite 200
Milford, OH 45150

Attn: Nathaniel Clayton, P.E.

Public Works Director

Re: Professional Services Proposal for

Castleberry Court Pump Station Rehabilitation and Force Main

Replacement

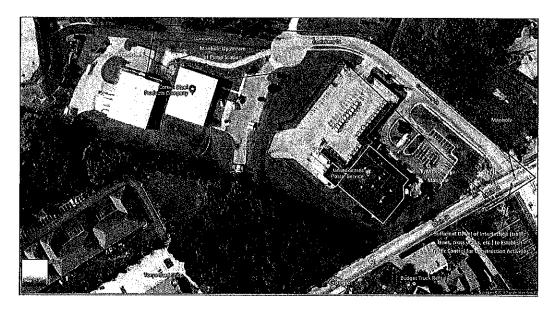
#### Gentlemen:

Following our discussions and site visit, please consider this correspondence as Environmental Engineering Service's (EES) proposal to assist the City in completing the above-referenced project.

#### I. Scope of Services

EES will:

**A.** Surveying and Base Mapping: For the area noted herein, secure the field surveying and base map assembly required for the project, including the following specific tasks:



- 1. Research the public records at the Clermont County offices and obtain copies of pertinent deeds, plats and surveys. Identify easements affecting the subject property. Establish horizontal and vertical site control.
- 2. Horizontal control to be based on Ohio State Plane Coordinates, South Zone (NAD'83). Vertical control to be based on NAVD'88, all in accordance with the existing Clermont County Engineers Geodetic Control. A minimum of two (2) vertical benchmarks will be established along the project corridor.
- 3. Perform field reconnaissance and locate evidence (monumentation, fences, etc.) of existing boundary lines and corners.
- 4. Establish property lines and rights-of-way for easement purposes. New property corner monumentation will not be set.
- 5. Locate and identify visible physical features (buildings, roads, drives, walks, walls, fences, signs, etc.) within the project limits. Also, (1) locate isolated trees and the perimeter outline of wooded areas; (2) establish building corner locations for the two (2) buildings within the survey limits.
- 6. Determine spot elevations of critical features (curbs, walk tops, toes, swales, etc.) and at sufficient intervals throughout the site to develop one-foot contours. Obtain lowest floor elevation/drain of the four (4) buildings tributary to the pump station.
- 7. Coordinate with OUPS and/or directly with utility owners to request physical markings and record data.
- 8. Locate field utility markings and visible field evidence (manholes, valves, etc.) of underground utilities (the top and invert elevations are required for the three [3] manholes identified as well as internal pump station top, inlet invert and station invert). Delineate underground utility locations based on a combination of assembled record documents, physical markings and visible field evidence.
- 9. Generate a boundary and topographic base map, depicting the above items at an appropriate scale, in AutoCAD format. The base map will be provided in DWG format.
- 10. Identify any additional easements required, should construction outside of the right-of-way be necessary.

#### B. Hydraulic Analysis and Design:

- 1. Evaluate pump station existing conditions and conduct draw-down tests to establish existing pumping rate. Determine future flows as required to size new pumps and develop hydraulic characteristics for the upgrade pumping system operations.
- 2. Evaluate technical considerations and compare costs of alternative pump station configurations, including replacement of existing submersible pumps, or replacement with self-priming pumps. Secure City concurrence with recommended alternative based on performance and operations/maintenance considerations.
- 3. Document appropriate force main sizing consistent with OEPA criteria and selected pump station configuration.
- 4. Prepare construction plans, technical specifications, contract documents and cost opinion for all necessary improvements, including pump station, control panel, emergency power, etc.
- 5. Prepare for submittal by City an OEPA required Permit-to-Install (PTI) application; respond to OEPA comments as necessary to secure Agency approval (OEPA Plan Review Fees to be paid by City).

#### C. <u>Bidding Assistance</u>:

- 1. Prepare appropriate Advertisements for Bids to be utilized by the City for legal notice (fee for printing such notices will be paid by the City).
- 2. Provide three (3) copies of Plans and Specifications to the City.
- 3. Furnish copies of Drawings, Specifications and Contract Documents to prospective bidders, material suppliers and other interested parties.
- 4. Provide information and clarification to bidders as required.
- 5. Attend one (1) pre-bid conference.
- 6. Prepare and issue any necessary Addenda, if required.
- 7. Attend one (1) bid opening.

Nathaniel Clayton, P.E. City of Milford
January 10, 2019
Page Four of Five

8. Tabulate bid proposals, analyze bids and make recommendations for awarding contracts for construction based on bids received.

#### D. Optional Services:

- 1. Preparation of any additional easement identified as required for project execution.
- 2. Review of shop drawings and submittals of selected construction contractor.

#### II. Compensation

The fee for the services described in Section A will be a lump sum amount of \$5,900 (Kleinger's fee without markup). The fee for the services described in Sections B & C will be a lump sum amount of \$9,900, both payable on a progress basis. The total fee for Sections A + B + C services is \$15,800.

Section D services, if requested, will be compensated as follows:

- A lump sum amount of \$550, for each easement prepared;
- Hourly, based on the attached 2019 EES Billing Schedule, for shop drawings/submittal review.

#### III. Project Timeline

The services described in Sections A and B above will be completed within 60 days\* of Authorization-to-Proceed.

\* - Project delivery may assumes receipt of base map from Kleingers within 30 days of Notice-to-Proceed.

The signature of the City's Authorized Signatory in the space provided below will represent concurrence with the terms and conditions described herein and EES's Authorization-to-Proceed.

Nathaniel Clayton, P.E. City of Milford
January 10, 2019
Page Five of Five

We look forward to working with the City of Milford toward the successful implementation of this project.

Sincerely,

Environmental Engineering Service

Stephen Canter, P.E.

President

## CONCURRENCE AND AUTHORIZATION-TO-PROCEED

**CITY OF MILFORD, OHIO** 

| Authorized Signatory | Date |  |
|----------------------|------|--|



Engineering

Date January 10, 2019 Attention Nathan Clayton, PE City Engineer nclayton@milfordohio.org

Address City of Milford 745 Center St, Ste. 200 Milford, OH 45150

Subject Agreement for Professional Services Castleberry Court Pump Station and Forcemain CLE-MIL-1901

# Dear Mr. Clayton:

Choice One Engineering Corporation appreciates the opportunity to provide services for the Castleberry Court Pump Station and Forcemain Project.

This Agreement is by and between the City of Milford, hereinafter referred to as Client, and Choice One Engineering Corporation, hereinafter referred to as Choice One. If everything is acceptable, please execute two originals, keeping one for your files and returning one to Choice One. Choice One will not start work on this Project until the Agreement is signed and received in our office.

This Agreement is subject to the provisions of the following which are attached to and made a part of this Agreement: Scope of Services, Compensation, and Schedule, consisting of 3 pages and Choice One Engineering Corporation Standard Terms & Conditions consisting of three pages.

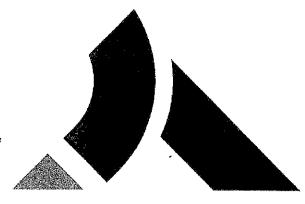
Authorization by the Client to proceed, whether oral or written, constitutes acceptance of the terms and conditions of this Agreement, without modification, addition, or deletion. Client and Choice One each bind itself and its partners, successors, executors, administrators of this executed Agreement.

| City of Militord     | Choice One Engineering Corporation  Schmide |
|----------------------|---|
| Authorized Signature | Brian J. Schmidt, P.E., Project Manager     |
| Date                 | <u>1/10/19</u><br>Date                      |

West Central Ohio 440 E. Hoewisher Rd. Sidney, OH 45365 937.497.0200 Phone

S. Ohio/N Rentucky 203 W. Loveland Ave. Loveland, OH 45140 513.239.8554 Phone

Eastern Indiana 607 N. Meridian St. Portland, IN 47371 260.766.2500 Phone



# Scope of Services

#### Project Snapshot

Choice One intends to provide construction plans for the improvement / replacement of the existing pump station and forcemain on Castleberry Court in Milford, OH.

#### **Project Details**

- See attached exhibit for project location.
- The existing pump station consists of an 8 ft. diameter wet well, 27'-0" deep, with an adjacent valve vault.
- The pump station has (2) 7.5 Hp, Submersible pumps but only one is working. The pumps are rates for 85 gpm at 71 total dynamic head.
- The Village informed Choice One that at current conditions the existing pump(s) cannot keep up with the influent rate.
- The City reached out to Glenny Glass and asked if there manufacturing process had peak flows and they were informed that their flow should be a steady flow. Due to the unknown potential peak flow the City is looking at adding VFD's to help control the inconsistent flows.
- The Glenny Glass Company adjacent to the pump station has expanded and is the contributor to the increased flow.
- The twin pumps discharge through 950 ft. +/- of 3" PVC SDR-21 forcemain that runs south between the Glenny Glass Company and the Corken Steel Products Company.
- Existing electric service for the pump station is 3 phases, 208 volts.
- The existing pump station has SCADA and is connected to the City's network. Any necessary modifications to the Pump Stations SCADA is included in this price.
- Proposed forcemain will run northeast through the existing utility easement towards Castleberry Court. It will run along Castleberry Court to an existing manhole in the intersection of State Route 28.
- The proposed forcemain will be PVC and be installed with a tracer wire for future locating.
- A proposed pump manufacturer will be determined as part of the design. Choice One will coordinate with the client on the manufacturer.
- The City has a couple replacement options
  - Replace the existing 3" forcemain, re-use the existing wet well, install a suction-lift pump station, upgrade any electrical or SCADA infrastructure as required.
  - Replace the existing 3" forcemain, re-use the existing wet well, replace the
    existing submersible pumps, upgrade any electrical or SCADA infrastructure as
    require.
- An above ground suction-lift pump station may not work as the existing wet well is 27' deep making it near/over the threshold that a suction-lift pump will work.
- Construction will be in Spring/Summer 2019.
- Estimated construction budget is \$300,000.
- A bypass pumping plan will need to be generated with the plans to help ensure that service is not interrupted.
- The City will handle daily construction observation, construction administration, and construction bidding procedures. An hourly phase for Choice One to help with construction administration is included in this proposal, but it is not anticipated that will be utilized very much beyond shop drawing reviews.

#### **Project Services**

#### 1. Topographic Survey

- a. Contact Ohio Utilities Protection Service (OUPS) for underground utility locations.
- b. Perform necessary deed and plat research.
- c. Establish horizontal and vertical survey control for the project area.
- d. Field reconnaissance and traverse of existing monumentation.
- e. Identify visible features from 10' beyond right-of-way for both sides including utilities and drainage.
- f. Identify visible features around the existing pump station including utilities and drainage.
- g. Inventory manholes and catch basins including type of construction, depth, pipe size, and condition.
- h. Locate underground utilities as marked by the appropriate utility companies.
- i. Property lines will be placed in the drawing utilizing existing monuments, tax maps, deeds, plats, and other readily-available information.
- Provide one (1) foot contour intervals.
- k. Completed topographic survey shall be provided in AutoCAD format.

#### 2. Suction-Lift Pump Station Construction Plans

- a. Design construction plans to include:
  - i. Title Sheet
  - ii. General Notes and Details
  - iii. Quantity Summary and Engineer's Estimate
  - iv. Forcemain Plan and Profile (scale 1" = 20' horizontal, 1" = 5' vertical)
  - v. Existing Pump Station Demolition Plan
  - vi. Suction-Lift Pump Station Details.
  - vii. Electrical Notes & Details
  - viii. SCADA Notes & Details
  - ix. Bypass Pumping Notes & Details
  - x. Maintenance of Traffic Notes
- b. A sanitary sewer Permit to Install (PTI) is required to be submitted to the Ohio Environmental Protection Agency (OEPA) for review and approval.
- c. Meet with City two times to discuss design.
- d. Field walk project route.
- e. Attend bid opening and preconstruction meeting.

#### 3. Upgrade Existing Submersible Pump Station Construction Plans

- a. Design construction plans to include:
  - i. Title Sheet
  - ii. General Notes and Details
  - iii. Quantity Summary and Engineer's Estimate
  - iv. Forcemain Plan and Profile (scale 1" = 20' horizontal, 1" = 5' vertical)
  - v. Upgraded Submersible Pump Notes and Details
  - vi. Vale Vault Notes and Details
  - vii. Electrical Notes & Details
  - viii. SCADA Notes & Details
  - ix. Bypass Pumping Notes & Details
  - x. Maintenance of Traffic Notes
- b. A sanitary sewer Permit to Install (PTI) is required to be submitted to the Ohio Environmental Protection Agency (OEPA) for review and approval.
- c. Meet with City two times to discuss design.
- d. Field walk project route.
- e. Attend bid opening and preconstruction meeting. (City to bid the project)

#### 4. Construction Administration Services

- a. Construction Administration services listed below will be provided upon request on an hourly basis according to our current Standard Hourly Rate Schedule.
  - Administrate plan interpretation for contractor and Client during construction, as required.
  - ii. Attend meetings or visit construction site at the request of the Client with contractor.
  - iii. Review shop drawings.
  - iv. Conduct final inspection and provide a punch list.

#### Additional Services

We have the skill, experience, and knowledge to provide additional services as listed below. Additional services will be approved by the Client prior to commencement and will be performed on an hourly basis according to our current Standard Hourly Rate Schedule or a mutually negotiated lump sum fee.

- 1. Construction Layout Staking
- 2. Construction Bidding Procedures
- 3. Record Drawings
- 4. Construction Observation

## Client Responsibilities

- Payment of all agency-related fees.
- Provide any available existing plans.
- Execute necessary Work Agreements and Easements.
- Provide timely decisions to keep design work on schedule.
- Provide property access and owner notification along the project route.
- Assist in utility company coordination.

# Compensation & Schedule

## Compensation

| \$2,890.00  |
|---|
| \$22,850.00   |
| \$1,080.00  |
| \$26,820.00   |
| Ment of a commission of the ment of the commission of the property will be desired about a continuous property will be desired as the continuous property |
|   |
| \$2,890.00  |
| \$16,450.00   |
| \$1,080.00  |
| \$20,420.00   |
|   |

### Schedule

Choice One will have the construction plans complete and ready to bid within seventy-five (75) days after receipt of an executed Agreement.



Strand Associates, Inc.º

615 Elsinore Place, Suite 320 Cincinnati, OH 45202 (P) 513-861-5600 (F) 513-861-5601

## **DRAFT**

December 7, 2018

Mr. Nate Clayton Public Works Director City of Milford 745 Center Street, Suite 200 Milford, OH 45150

Re: Castleberry Lift Station Replacement

Dear: Mr. Clayton

Thank you for the opportunity to provide Professional Engineering Services for the design of the Castleberry Lift Station in the City of Milford (City). Our understanding is that the existing duplex station was constructed in 1999 and has a capacity of approximately 70 gallons per minute (gpm). The most significant water user tributary to the lift station is Glenny Glass, which is considering an expansion to its operations that will add additional sewer flow. The lift station currently does not have the capacity to convey peak flows during rain events and the City would like to increase the pumping capacity. Our understanding is that the City has indicated a desired capacity of 130 gpm. This increase in capacity equates to velocity of 6.0 feet per second (fps) in the existing 3-inch force main. We recommend replacing the force main with a larger 4-inch force main within the easement for the existing 3-inch force main. Based on the above understanding, we propose the following scope items:

- Perform a topographic survey of the lift station site and proposed force main alignment.
- Review results of a drawdown test performed by the City.
- Review available flow data from the lift station and water use records for the tributary customers.
- In coordination with the City, determine the final lift station capacity.
- Design a new 4-inch force main within the easement of the existing force main.
- Perform pump design to determine key design parameters.
- Coordinate with pump manufacturers to select an appropriate pump.
- Develop Construction drawings of the pump station.
- Develop front end and technical specifications to be included in the Contract Documents.
- Attend a kickoff meeting, 50 percent design meeting and 90 percent design meeting.

The above scope of services is based on the following assumptions:

- The current electrical service is sufficient to carry the load of larger pumps.
- Pump controls will not be compatible with newer pumps and will require replacement and coordination with the pump manufacturer.
- The City indicated the 30-feet deep, 6-foot-diameter wet well has minor leaks, but there are no structural defects. It is assumed the wet well will be reused.

Mr. Nate Clayton City of Milford Page 2 December 6, 2018

- While the pump station is taken out of service, it may be beneficial for the City to line the wet well to prevent further leaking or corrosion. This is not included in the current scope of services.
- The valve vault will be replaced with an aboveground packaged valve vault.

Based on current workloads we anticipate the project can be completed in approximately 20 weeks following execution of the task order. The services under this Exhibit "A" can be completed on a lump sum basis for \$44,100.

This letter is not to be considered an agreement between Strand Associates, Inc.® and the City of Milford, but, rather as a general discussion of the type of tasks and magnitude of costs the City of Milford may expect for a project of this nature. Upon your direction, we will prepare an Engineering Services Agreement and submit to the City for review and signature. Once the Engineering Services Agreement is executed, work on the project will begin immediately.

We sincerely thank you for the opportunity to submit this proposal. We look forward to working with you. If you have any questions, comments, or need additional information, please call me at (513) 861-5600.

Sincerely,

STRAND ASSOCIATES, INC.®

Justin Kuhbander, P.E.

| Lori Pegg   |  |
|---|--|
| Subject:  | FW: City of Milford  |
| Sent: Friday, January<br>To: Lori Pegg < <u>lpegg@</u>              | Omilfordohio.org> n.dye@gestcarts.com>   |
| Hello Lori,   |  |
| I'm sorry for the delay   | . Please see below for our proposal:   |
| how you see fit).   | Wednesday through Sunday daytime and evening hours (days and hours are flexible in terms of structure to store the carts (this can be very simple).  |
| Cost: \$3000/cart/moi<br>Includes all operation<br>meet your needs. | oth s, maintenance, drivers, insurance, social media promotion, etc. Everything can be customized to   |
| As discussed, you can the cost.                                     | brand the cart however you'd like or have other businesses pay to advertise on the cart and offset   |
| Please let me know if   | you'd like for me to resend the marketing packet or if you have any questions.   |
| We look forward to h  | earing from you!   |
| On Wed, Jan 2, 2019 a   | nt 10:17 AM Lori Pegg < <u>lpegg@milfordohio.org</u> > wrote:  |
|   | rick! I hope you all had a great Holiday. I have been off a few weeks, and wanted to follow up on a at the City of Milford. We have a committee meeting on Monday and I would like to provide them on. |

Thanks!

Lori

From: Patrick Dye patrick.dye@gestcarts.com>
Sent: Monday, December 10, 2018 8:47 AM

**To:** Lauren Dye < <a href="mailto:legg@gestcarts.com">!Lori Pegg < <a href="mailto:legg@milfordohio.org">legg@milfordohio.org</a>>

Subject: Re: City of Milford

| Lori,  |
|--|
| Thank you for taking the time to meet with me last week. I will get this out to you in the next few days. If you have an questions please feel free to call me on my cell at 704-488-5666. |
| Thanks,  |
| On Mon, Dec 10, 2018 at 8:44 AM Lori Pegg < <a href="mailto:lpegg@milfordohio.org">lpegg@milfordohio.org</a> wrote:  |
| Hi Patrick-  |
| Thanks for coming out to Milford last week. Can you give us a quote on one cart and two carts for the following days/times?  |
| Here are the hours we think would work best for the GEST carts:  |
| Monday-Thursday: 6-9 or 10 (the brewery has music etc that is usually over around then)  |
| Friday: 5-11   |
| Saturday: 2-11   |
| Sunday: 2-6 (maybe later depending on football?)   |
| We have several places where they could be stored, and would love to have a dedicated phone # for those carts, plus the app.   |
| Thanks!  |
| Lori   |
|  |
| Lori Pegg  |

**Exchange**Defender Message Security: Check Authenticity Patrick Dye **GEST Carts** Co-Founder, CEO 344 GEST St, Suite E • Cincinnati, Oh • 45203 o: 513.421.4378 • f: 513.621.4378 c: 704.488.5666 www.gestcarts.com fb: @gestcincinnati twr: #gestcincinnati In: @gestcincinnati ExchangeDefender Message Security: Check Authenticity

Community & Information Services Manager

City of Milford, OH

www.milfordohio.org

www.facebook.com/milfordohio

513.248.5092

#### Patrick Dye **GEST Carts**

Co-Founder, CEO

344 GEST St, Suite E • Cincinnati, Oh • 45203 o: 513.421.4378 • f: 513.621.4378 c: 704.488.5666

www.gestcarts.com fb: @gestcincinnati twr: #gestcincinnati In: @gestcincinnati



# Milford's Digital Gateway Display

Presented by:



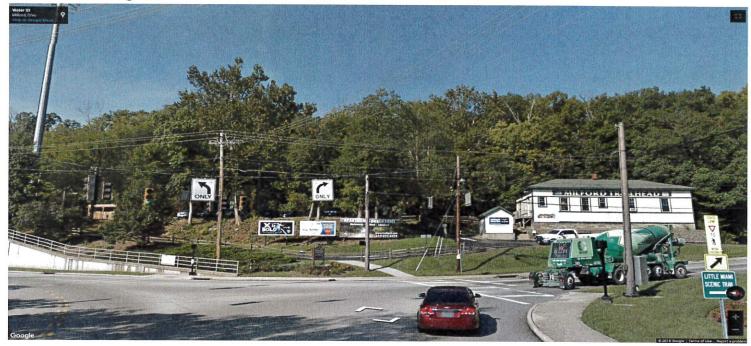
Norton Outdoor is a family owned an operated outdoor advertising company and has been for over 65 years. We pride ourselves on being good community partners and look forward to growing with the companies and communities we serve.

#### **Norton Outdoor Advertising**

5280 Kennedy Ave Cincinnati, OH 45245 Phone: (513) 631-4864 knorton@norton-outdoor.com

#### Proposal

Norton Outdoor will remove the two 6'X12' advertising signs at the entrance of the Milford Trailhead. The larger sign to the right of our 6'X12' signs is not owned or operated by Norton Outdoor. However, if we are able to reach an agreement with the owner of the larger sign, then we would be happy to remove it as well. Please see the image below for a better reference.



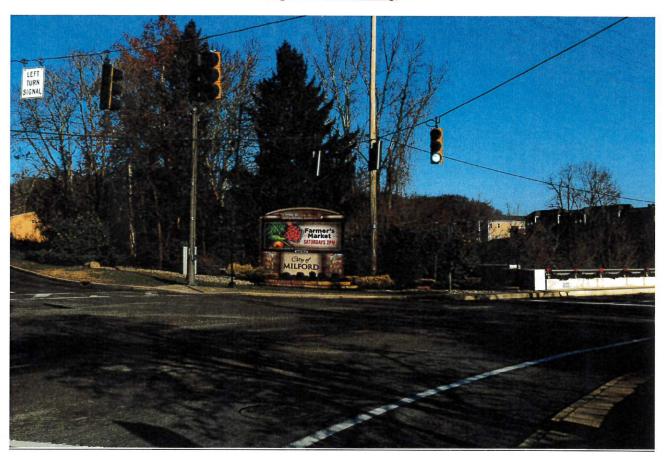
Option #1 - The existing Milford Gateway sign at the northwest corner of Wooster Pike (See the below image) would be updated to a state of the art Digital Gateway Sign. The look of the display would be designed to be consistent with the design standards of Downtown Milford. (See Mock up for Option #1 on the next page).



#### Proposal Option #2

Norton Outdoor will remove the existing signs at the entrance of the Milford Trailhead and replace them with a state of the art Digital Gateway Sign. The design of this sign will also be consistent with design standards of downtown Milford. (See Mock up for Option #2).

## Option #1 Mock Up





#### **Benefits**

A Digital Gateway will provide an enhanced image that is welcoming to Milford's residents and visitors alike. In addition to the enhanced image there are several other benefits a digital gateway can provide the City of Milford.

- FREE to the City of Milford
  - All expenses will be covered by Norton Outdoor Advertising
  - o Permit Fees Covered
  - Purchase & Installation of Gateway Feature & Display
    - Estimated to be over \$100,000 Covered
  - Labor Covered
  - o Electric Covered
  - Scheduling, Monitoring & Maintenance Covered
- Promotion of community Events
  - o FREE Norton Outdoor will provide the City of Milford with (500) eight second advertising spots per day to advertise for events like:
    - Easter Eggstravaganza
    - Makers Market on Main
    - Second Saturday Music Series
    - Frontier Days
    - City Tree Lighting
  - o Advertising Spots valued at \$2,964/year
- Annual Rental
  - o In addition to the free advertising Norton Outdoor will continue to pay the annual \$500 rental payment from the previous agreement. This will insure there is no lost revenue to the City.
- Opportunity for Local Business
  - Norton Outdoor will provide a 10% discount to all downtown Milford stores along Main Street, between Glendale Milford Rd. and the 4 way intersection by Evans Funeral Home.
  - Affordable Advertising
    - On state of the art technology
  - Ability for multiple advertising messages
  - Maximum Exposure
  - High Reach and Frequency
- Community Safety
  - o Amber Alerts
    - Norton Outdoor partners with NCMEC (National Center of Missing & Exploited Children) and the FBI. We will periodically run content to help these organizations find the missing child or the criminal.