



Purchasing Division
Finance Department
Room 120
411 West First Street
Duluth, Minnesota 55802

218-730-5340
purchasing@duluthmn.gov

Addendum 1
Solicitation 20-99486
DWP Trail Capping and Improvements

This addendum serves to notify all bidders of the following changes to the solicitation documents:

1. Additional conditions required by a grant funding source are attached.
2. Substantial completion date for the project is June 15, 2021; the final completion/project closeout date is June 30, 2021.
3. Since the Wisconsin base aggregate may be difficult to obtain, using limestone instead of a base aggregate is an alternate option. If this alternate is selected, the contractor will add 2" of limestone over the existing base aggregate in order to keep the surfacing consistent along the entire trail. The limestone replaces the aggregate base and includes a 2" cap along the sections of trail that are currently base aggregate.
4. The 30" pipe and apron at the lower chalet parking lot is removed and replaced with 15" culvert and apron to match the existing.
5. Attached plansheets with revisions are to replace the same pages in the planset.
6. Attached are specifications with changes identified by redlines.

Please acknowledge receipt of this Addendum by checking the acknowledgment box within the www.bidexpress.com solicitation.

Posted: **August 7, 2020**

**ADDITIONAL CONDITIONS PER
STATE OF MINNESOTA GRANT CONTRACT CMRPTC20-02 (C23853)
(20-99486 DWWP Trail Capping and Improvements)**

The awarded Contractor shall comply with the following additional conditions:

1. Invoicing

All invoices shall be itemized and include the following information:

- a. Name and address of Contractor
- b. Name of invoice recipient and organization (City of Duluth)
- c. Date of purchase or work
- d. Description of item(s) or work purchased
- e. Quantity of item(s) or work purchased
- f. Unit price for each item
- g. Total amount spent for each item

2. Invasive Species Prevention

The Minnesota Department of Natural Resources (MNDNR) requires grantees (the City) and Contractors to take active steps to prevent or limit the introduction, establishment, and spread of invasive species. Contractors and subcontractors shall prevent invasive species from entering into, spreading within, or leaving a project site by performing the following preventive measures:

- a. Contractor shall inspect all equipment, vehicles, gear, and/or clothing at the project site for soil, aggregate material, mulch, vegetation (including seeds) or animals upon arrival to the job site and prior to leaving the job site. If any soil, aggregate material, mulch, vegetation (including seeds) or animals are found, they must be removed/cleaned using a brush or broom, compressed air or a pressure washer at the staging area. The contractor shall dispose of material cleaned from equipment and clothing onsite. If the material cannot be disposed of onsite, secure material prior to transport in a sealed container, covered truck, or wrap the material with a tarp and legally dispose of the material offsite.
- b. When moving materials:
 - i. Do not plant or introduce prohibited or regulated invasive species or other invasive species as listed on the MNDNR website (<http://www.dnr.state.mn.us/invasives/dnrlands.html>) and in the MNDNR's Operational Order 113 Invasive Species List (http://files.dnr.state.mn.us/assistance/grants/habitat/heritage/oporder_113.pdf see page 2).
 - ii. Use only mulch, soil, gravel, etc. that is invasive species-free or has a very low likelihood of having invasive species. When possible, use certified weed-free products such as weed-free seed or hay.
 - iii. Inspect transplanted vegetation for signs of any other plant material and/or animals that may be attached to the vegetation and remove any that are found.
 - iv. Do not move soil or raw wood products that may harbor invasive species from infested sites.

- c. Parking, staging areas, and travel routes shall not be within areas known to have infestations of invasive species.

3. Pollinator Best Management Practices

Both the MNDNR and the City have adopted guidelines to ensure an appropriate diversity of native species and to provide habitat for pollinators throughout the growing season. For that reason, the majority of plants called out in the plans are flowering forbs that will provide nectar for native bees. In addition, the seed mix specified for restoring areas disturbed by construction consists of native species and includes several different pollinator-friendly species.

Contractors shall follow the MNDNR pollinator best practices and guidelines. Please refer to the MNDNR website for more information

http://www.dnr.state.mn.us/pollinator_resources/index.html

4. American Disabilities Act


Contractor must comply with the 2010 American Disabilities Act Standards for Accessible Design and all applications regulations and guidelines.

5. Publicity and Endorsement

Any publicity regarding the subject matter of this grant agreement must identify the sponsoring agencies; and must not be released without prior written approval from the State's Authorized Representative. For purposes of this provision, publicity includes websites, notices, informational pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the City individually or jointly with others, or any subcontractors, with respect to the program, publications, or services provided resulting from this grant contract.

SPECIAL PROVISIONS
2020 City of Duluth – DWP Trail Improvements
July 2020

I HEREBY CERTIFY THAT THIS PLAN, specification or report
was prepared by me or under my direct supervision and that I am a duly
Licensed Professional Engineer under the laws of the State of Minnesota.



Signature

July 21, 2020

Date

Will DeRocher

Typed or Printed Name

54757

MN License

SPECIAL PROVISIONS
2020 City of Duluth – DWP Trail Improvements
July 2020

Contents

SP-1	SCOPE OF WORK	3
SP-2	(1508) CONSTRUCTION STAKES, LINES AND GRADES.....	3
SP-3	(1701) LAWS TO BE OBSERVED (DATA PRACTICES)	3
SP-4	(1806) DETERMINATION AND EXTENSION OF CONTRACT TIME	4
SP-5	PERMITTING & TESTING	5
SP-6	TRAFFIC CONTROL AND SITE ACCESS.....	5
SP-7	(2101) CLEARING AND GRUBBING	6
SP-8	(2211) AGGREGATE TRAIL SURFACING(CV) ¾"(-) LIMESTONE	6
SP-9	(2575) MOWING	6

SPECIAL PROVISIONS
2020 City of Duluth – DWP Trail Improvements
July 2020

NOTICE TO ALL BIDDERS:

The City of Duluth Public Works & Utilities Department – Engineering Division 2019 Edition Standard Construction Specifications book and any addendums or supplements is incorporated by reference and is deemed to be a part hereof as if fully incorporated and set forth herein. The Standard Construction Specifications are available on the City website at: www.duluthmn.gov/engineering/index.cfm.

This is a federally funded project. Certified payroll (IC134) shall be submitted to the engineer before payment is released.

SP-1 SCOPE OF WORK

This project includes approximately 5.5 miles of trail restoration, stormwater improvements, mowing and opening the trail corridor, limestone trail capping, obliterating old trails and erosion control.

SP-1.1 Contact Information

TKDA is the engineer of record. Questions regarding this project shall be directed to Will DeRocher, Project Manager with TKDA, at 218.491.7384 or Jim Shoberg, Project Coordinator with the City of Duluth, at 218.730.4316.

SP-2 (1508) CONSTRUCTION STAKES, LINES AND GRADES

In addition to the provisions of MN/DOT 1508 the following construction staking will be provided by TKDA:

Centerline alignment and cut stakes on grading areas – every 100 feet.

The Contractor will be responsible for all other intermediate stakes and grades as he/she deems necessary. The contractor will be responsible for the preservation of the stakes set. Any negligence on the contractors part resulting in the disturbance of the stakes, that need to be reset will be deducted for monies due to the contractor on the pay estimates.

SP-3 (1701) LAWS TO BE OBSERVED (DATA PRACTICES)

The provisions of Mn/DOT 1701 are supplemented with the following:

Bidders are advised that all data created, collected, received, maintained, or disseminated by the Contractor and any subcontractors in performing the work contained in this Contract are subject to the requirements of MN Statute Chapter 13, the Minnesota Government Data Practices Act (MGDPA). The Contractor shall comply with the requirements of the MGDPA in the same manner as the Department. The Contractor does not have a duty to provide access

SPECIAL PROVISIONS
2020 City of Duluth – DWP Trail Improvements
July 2020

to public data to the public if the public data are available from the Department, except as required by the terms of the Contract.

SP-4 (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME

The Contract Time will be determined in accordance with the provisions of Mn/DOT 1806 and the following:

- SP-4.1** Construction operations shall be started on or before August 19, 2020 or within ten (10) calendar days after the date of award by City Council resolution, whichever is later; however, the Notice to Proceed letter will be the official authorization to commence construction operations. All work shall be complete on or before June 15, 2021 with project closeout completed by June 30, 2021. 1
- SP-4.2** The provisions of Mn/DOT 1806.1C(3) are modified to the extent that the phrase “during the inclusive period from November 15 to April 15,” is deleted. A similar phrase set forth in the second paragraph of Mn/DOT 1807.2 is also deleted.
- SP-4.3** When all, or a portion, of the Contract Time is specified as a calendar completion date, as provided in Mn/DOT 1103, the time is presumed to have been determined by considering the Proposal quantities, normal weather for the locality and season of the year, and the necessity of having the work completed by the specified date. The time may be extended by the Engineer only in accordance with the following:

When the Contract Time is specified as a fixed calendar completion date, any time extensions granted must be justified on the basis of unavoidable delay in starting or completing the progress controlling operations, and then, only when and to the extent that it is shown that delay time could not be overcome and the work brought back on schedule through reasonable adjustments in the Progress Schedule. Provided the Contractor has made all reasonable efforts to maintain an adequate and acceptable Progress Schedule, the specified completion date may be extended as the Engineer determines to be justified, for any of the following reasons:

- 1) Delays caused by failure of the City Council to award the Contract at least 10 calendar days in advance of the latest date specified for beginning construction operations.
- 2) Delays caused by an earthquake, flood, cloudburst, cyclone, tornado, or other cataclysmic phenomenon of a nature beyond the power of the Contractor to foresee and make preparations in defense against.
- 3) Delays caused by acts of the Government or a political subdivision, or by acts of the public enemy, including fires, epidemics, and strikes not caused by improper acts or omissions of the Contractor.
- 4) Delays caused by an action or non-action of the Department, such as suspension of work by order of the Engineer through no fault on the Contractor.
- 5) Delays caused in incompleteness of work being done by other Contractors or utility owners, or due to other unforeseeable interferences not the fault of the Contractor.

SPECIAL PROVISIONS
2020 City of Duluth – DWP Trail Improvements
July 2020

- 6) Delays direction attributable to the performances of Extra Work or increased quantities or work.
- 7) Extraordinary delays in delivery or materials, resulting from strikes, lockouts, freight embargoes, governmental acts, or sudden disaster, or a nature beyond the power of the Contractor or his/her supplier to foresee and forestall.

Delays caused by plant and equipment failure, and delays due to unsuitable weather or conditions resulting therefrom, will not be allowed as justification for time extension except when and only to the extent the Engineer considers justified in view of unavoidable circumstances or events. Normal weather delays and the usual plant and equipment failures must be allowed for establishing work schedules. An extension of time may be granted for such delays as are considered to be in excess of the normal, but only when it is shown that the lost time would not reasonably be made up through acceleration of the remaining work. Failure to prosecute the work continuously and effectively for the full time allowed, with adequate work force and schedule, will be cause for denial of any such time extension that may otherwise be allowed.

SP-5 PERMITTING & TESTING

Contractor is responsible to pay for and obtain all necessary permits for construction. These include, but are not limited to the NPDES permit, County driveway and culvert permits, City, hazardous waste, and MNDNR permits. All testing shall be at the Contractor's expense and responsibility to schedule. Test results shall be submitted to the Engineer in a timely manner. Standard MNDOT specifications shall apply to out of compliance materials.

SP-6 TRAFFIC CONTROL AND SITE ACCESS

SP-6.1 Contractor Work Access

- A. Contractor shall access the project area from the existing roads and trail access points.
- B. Contractor is allowed to drive ATVs or other approved work equipment on the existing trails and off trail, at a safe speed with flashers on, yielding to right-of-way to trail users. Contractor must repair any ruts or other damage caused by work vehicles or equipment to the satisfaction of the Engineer.
- C. Contractor will keep all trails and roads open and not blocked with trees, branches, materials, equipment, vehicles, or debris resulting from this operation.

SP-6.2 Traffic Control

Contractor shall utilize Type III barricades and/or temporary work signage to alert the public that construction work is ongoing and make full closures for use when equipment is working or hauling on the trail. If features such as the boardwalk or culverts are removed, barricades shall be placed to create a trail closure to protect the public.

SPECIAL PROVISIONS
2020 City of Duluth – DWP Trail Improvements
July 2020

SP-7 (2101) CLEARING AND GRUBBING

Clearing and grubbing shall be performed in accordance with the provisions of Mn/DOT 2101 except as modified below:

- 1) Pay item includes all necessary equipment, labor and materials necessary to clear vegetation within the work limits. All trees and brush within the trail corridor shall be cleared and will be paid as a lump sum, indiscriminate of DBH (diameter at breast height).
- 2) Vegetation may be chipped and distributed onsite in upland areas. Depth of chips may not exceed 6". Chips shall not be placed in wetlands, ditches or swales.
- 3) Slashed brush may not exceed 18" Depth. Slashed brush to be distributed in upland areas. Slashed brush shall not be left in the trail corridor, wetlands and drainage swales.

**SP-8 (2211) AGGREGATE TRAIL SURFACING(CV) ¾"(-)
LIMESTONE**

The aggregate trail surfacing material is a ¾-inch (minus) limestone material available locally in Duluth. Aggregate surfacing courses shall be constructed in accordance with the provisions of Mn/DOT 2211 except as modified below:

- SP-8.1** Compaction shall be measured by the "Specified Density Compaction Method" described in Mn/DOT 2211.3C.
- SP-8.2** Bid price for Aggregate Trail Surfacing (CV) ¾"- limestone shall be considered full payment for labor, equipment, and materials needed to provide additional limestone aggregate surfacing for the DWP Trail as shown in the Plans. This price shall include payment for rolling and compacting the aggregate once graded onto the trail surface to provide a firm and stable trail surface at completion of the work.
- SP-8.3** Bid price for Aggregate Trail Surfacing (CV) ¾"- limestone has been differentiated based on the distance from the nearest trail access point.

SP-9 (2575) MOWING

Trail mowing shall include brushing out vegetation along entire trail length between Mission Creek and Spirit Mountain to 12 foot wide corridor and 7 feet minimum height opening. Contractor is to re-establish the corridor width with vegetation has grown in to maintain access for construction and emergency vehicle access. Any woody vegetation shall be cut flush with the ground.

PLOT DATE: Aug 06, 2020 - 3:17pm
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STATEMENT OF ESTIMATED QUANTITIES							
ITEM NO.	NOTE NO.	SPEC NO.	DESCRIPTION	UNIT	DWP (BASE BID)	CROSS CITY TRAIL (ALT. #1)	CAPPING MATERIAL (ALT #2)
1	7	2012.602	TRAFFIC CONTROL SPECIAL	EACH	1		
2		2021.501	MOBILIZATION	LUMP SUM	0.75	0.25	
3		2104.502	SALVAGE PIPE APRON	EACH		1	
4		2104.503	REMOVE SILT FENCE	LIN FT	120		
5	4	2104.601	SALVAGE AGGREGATE SURFACING	CU YD	36		
6	10	2105.501	CLEARING & GRUBBING	LUMP SUM	1	1	
7		2105.504	GEOTEXTILE FABRIC TYPE 5	SQ YD		1600	
8	2,3	2105.507	COMMON EXCAVATION (P)	CU YD	600	336	
9	3	2105.507	COMMON BORROW (CV) (P)	CY	90	58	
10	11	2118.507	AGGREGATE SURFACING (CV) CLASS SPECIAL - MILE 1 (P)	CU YD	1603		882
11	11	2118.507	AGGREGATE SURFACING (CV) CLASS SPECIAL - MILE 2 (P)	CU YD	856		
12	12	2118.601	AGGREGATE SURFACING (CV) CLASS SPECIAL - BAD (P)	CU YD	564	267	-831
13		2501.502	15" GS PIPE APRON	EACH		1	
14		2501.502	18" GS PIPE APRON	EACH		2	
15		2501.502	15" CP PIPE CULVERT	LIN FT		15	
16		2501.503	18" CP PIPE CULVERT	LIN FT	145	150	
17		2501.503	24" CP PIPE CULVERT	LIN FT	30		
18		2511.507	RANDOM RIPRAP CLASS III	CU YD	42	18	
19	8	2511.602	LANDSCAPE BOULDERS	CU YD	92		
20	14	2540.603	MOUNTING STONE	EACH	5		
21		2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	600	800	
22		2573.607	ROCK DITCH CHECK	EACH	4	9	
23		2574.507	COMMON TOPSOIL BORROW (P)	CU YD	161	131	
24	9	2575.505	MOWING (P)	ACRE	4		
25		2575.505	SEEDING (P)	ACRE	0.3	0.2	
26		2575.508	SEED MIXTURE 36-311	LB	9.3	7.5	
27	13	2757.604	ROLLED EROSION PREVENTION CATEGORY 25 (P)	SQ YD	1342	1089	

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DESIGNED	WDD		
DRAWN	WDD		
CHECKED	JSG		
NO.	DATE	BY	DESCRIPTION OF REVISIONS

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	
SIGNATURE: 	DATE: 07/22/20
PRINTED NAME: WILL DEROCHE	LIC. NO.: 54757



11 E. Superior Street, Suite 420
Duluth, MN 55802
218.724.8578
tkda.com

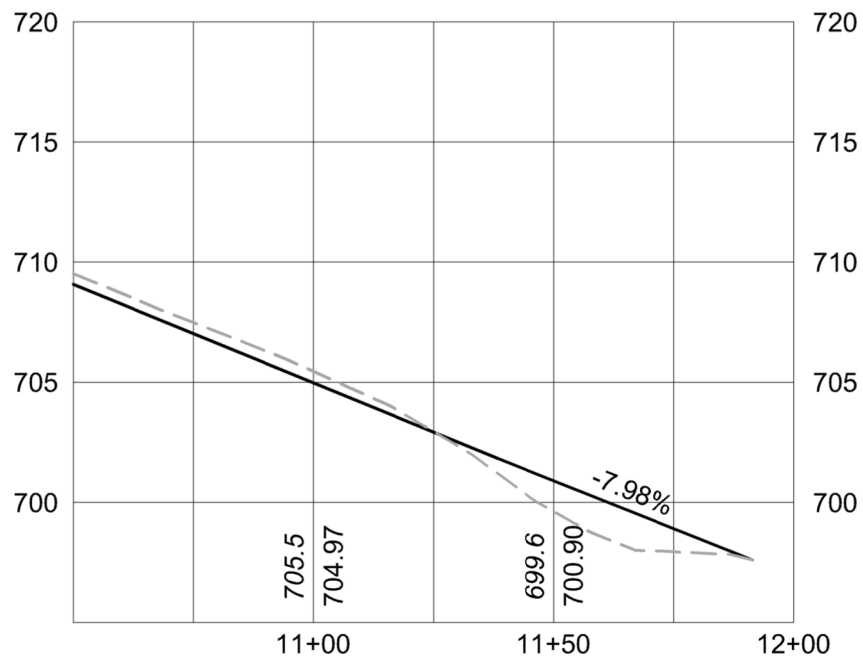
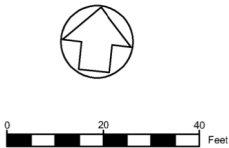
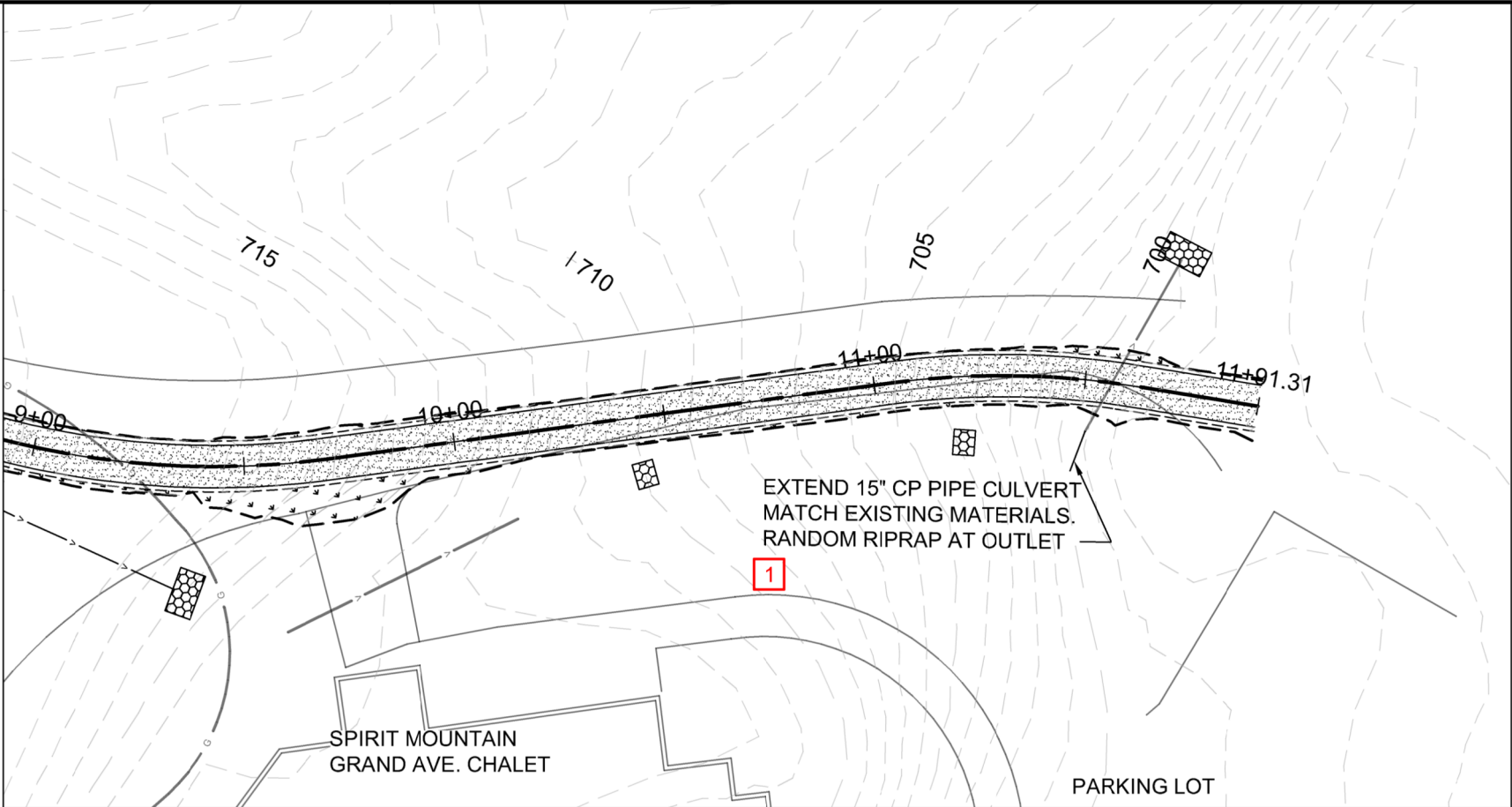
ALL CONTRACTORS AND SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS BY MEASUREMENT AT THE BUILDING AND/OR SITE

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STATEMENT OF ESTIMATED QUANTITIES

PLOT DATE: Aug 06, 2020 - 3:11pm
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001	08/06/20	WDD	ADDENDUM #1	
NO.	DATE	BY	DESCRIPTION OF REVISIONS	

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
SIGNATURE: *Will D. Derocher* DATE: 07/22/20
PRINTED NAME: WILL D. DEROCHE LIC. NO.: 54757



11 E. Superior Street, Suite 420
Duluth, MN 55802
218.724.8578
tkda.com

STATION 9+50 - 12+00

ALL CONTRACTORS AND SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS BY MEASUREMENT AT THE BUILDING AND/OR SITE

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PROJ. NO. #####
DRAWING NO. 17