

**SPECIAL PROVISIONS
CITY JOB NO. 1171 / 1194
CHESTER PARK PHASE 1 BRIDGE AND PLACEMENT OF EXISTING SKI TRAIL BRIDGE
SEH NO. DULUT 121822
OCTOBER 2012**

**CITY of DULUTH
PROJECT SPECIFICATIONS**

**Chester Park Phase 1 Bridge and Placement of
Existing Ski Trail Bridge**

**City of Duluth, MN
411 West 1st St.
Duluth, MN 55802**

**City Project #: 1171 / 1194
FEMA #: 305C / 305D**

Bid # 12-0617

Opening Date: November 1, 2012

Time: 2:00 P.M.

Place: City Hall Room 207

CITY OF DULUTH INVITATION TO BID (ENG)

PROJECT NAME/DESCRIPTION: Chester Park Phase 1 Bridge and Placement of Existing Ski Trail Bridge

PROJECT NUMBER: 1171 / 1194

BID NUMBER: 12-0617

Sealed bids will be received by the City Purchasing Agent in and for the Corporation of the City of Duluth, Minnesota, at his office, Room 100 City Hall, Duluth, Minnesota, 55802, (218) 730-5340 until 2:00 P.M. local time on November 1, 2012 for the above named project. Immediately thereafter, bids will be taken to room 207 City Hall, where they will be publicly opened and read aloud.

NOTICE TO BIDDERS:

- 1. A Project Labor Agreement (PLA) will be required for any bid that is over or could virtually go over \$150,000.**
- 2. Unless a Certificate of Exemption is provided, any out-of-state bidder receiving a bid award will have 8% retained from invoice payments on any contracts over \$50,000. Submit a signed copy from the State of Minnesota when submitting Payment and Performance Bonds. This form may be found at the following web address: [http://taxes.state.mn.us/Forms and Instructions/sde.pdf](http://taxes.state.mn.us/Forms%20and%20Instructions/sde.pdf)**

This project consists of constructing a 30 foot by 35 foot ski trail bridge over Chester Creek, removing a 30 foot by 35 foot ski trail bridge over Chester Creek, constructing abutments for existing bridge and placement of exiting prefabricated bridge onto abutments, and site restoration.

Questions pertaining to this project should be directed to: Howard Smith, P.E., Project Engineer, 218-730-5092.

Each bidder must review the 2011 edition with the 2012 amendments of the City of Duluth Public Works/Utilities Department – Engineering Division Standard Construction Specifications on the city website (www.duluthmn.gov) as these Specifications are incorporated by reference and deemed to be a part hereof this project as if fully incorporated and set forth herein.

Plans and specifications may be downloaded from the City of Duluth Purchasing Department website free of charge.

Plans and specifications are on file for inspection at the City Engineering office, Duluth Builders Exchange, F.W. Dodge Plan Room, Minneapolis Builders Exchange and St. Paul Builders Exchange.

A non-mandatory pre-bid meeting will be October 29th, 2012 at 1:00 P.M., meeting location will be outside of the Chester Park ski chalet. This will be your best opportunity to visit the site and discuss the project with the Engineer.

A certified check or bank draft, payable to the order of the City of Duluth, negotiable U.S. Government Bonds (at par value), or a satisfactory bid bond executed by the bidder and acceptable surety, in an amount equal to five per cent (5%) of the total bid, shall be submitted with each bid.

Attention is called to the fact that not less than the minimum salaries and prevailing wages as set forth in the contract documents must be paid on this project. The contractor must take affirmative action to ensure that the employees and applicants for employment are not discriminated against because of their race, color, creed, sex or national origin, and must meet the affirmative action goals. Contractors are encouraged to subcontract with Disadvantaged Business Enterprises when possible.

Contractor will comply with all applicable Equal Employment Opportunity laws and regulations.

The City of Duluth is an Equal Opportunity employer.

CITY OF DULUTH

Date posted to web: 10-18-12

Dennis Sears
Purchasing Agent

City of Duluth Purchasing Division

General Specifications

The word "City" used in these specifications shall mean the city of Duluth and/or its Authorities.

1. Instruction to Bidders:

- A. All bids must be completed in a non-erasable format on the form provided by city of Duluth, errors are to be crossed out and initialed.
- B. All bids must be enclosed in a sealed envelope.
- C. The enclosed blue and white sticker must be placed on the outside of envelope.
- D. The bid envelope shall be addressed to the city of Duluth, Purchasing Division, Room 100 City Hall, Duluth, Minnesota 55802.

2. Non-Collusion Clause:

Vendor, their agent/employee hereby agree to comply and fully perform in accordance with the law and state that they have not, directly or indirectly, entered into an agreement or understanding, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the proposal submitted with respect to the above-referenced invitation to bid. Vendor fully acknowledges that such an act of non-compliance may be deemed unlawful and would be considered a violation of the law and subject to prosecution.

3. Award of Contract - Rejection of Bids:

The Contract will be awarded to the responsible bidder submitting the lowest bid complying with the conditions of the Invitation for bids. The bidders, to whom the award is made, will be notified at the earliest possible date. The city of Duluth, however, reserves the right to reject any and all bids and to waive any informality in bids received whenever such rejection or waiver is in its interest.

5. Obligation of Bidder:

At the time of the opening of bids, each bidder will be presumed to have read and to be thoroughly familiar with the plans, specifications and contract documents (including all addenda). The failure or omission of any bidder to examine any form, instrument, or document shall in no way relieve any bidder from any obligation in respect to their bid.

6. Liquidated Damages for Failure to Enter into Contract:

The successful bidder, upon their failure or refusal to accept a purchase order or execute and deliver the contract and bonds required within 10 days after receipt of a notice of the acceptance of their bid, shall forfeit to the city, as liquidated damages for such failure or refusal, the security deposited with their bid (if required).

7. Completion of Bid Request:

The city may consider as irregular any bid on which there is an alteration of or departure from the Bid Form hereto attached and at its option may reject the same.

8. E.E.O. Regulations:

Contractor will be required to comply with all applicable Equal Employment Opportunity (E.E.O.) laws and regulations. Affirmative action must be taken to insure that the employees and applicants for employment are not discriminated against because of their race, color, creed, sex or national origin.

The city of Duluth is an equal opportunity employer.

9. Participation:

This document is intended to serve the city of Duluth, its Agents and Authorities. Each authority may issue their own purchase order and will be responsible for it. The City of Duluth Authorities are as follows:

- 1. Duluth Airport Authority
- 2. Spirit Mountain Recreational Area Authority
- 3. Duluth Entertainment and Convention Center
- 4. Duluth Transit Authority
- 5. Duluth Economic Development Authority
- 6. Duluth Housing and Redevelopment Authority

The city has a cooperative purchasing agreement with St. Louis county allowing the county to purchase from this bid when requested. St. Louis county will issue and be responsible for its own purchase orders.

10. Qualifications of Bidder

The city may make such investigations as deemed necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the city all such information and data for this purpose as the city may request. The city reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the city that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein. Conditional bids will not be accepted.

11. Addenda and Interpretations

Responses to general questions and clarifications of bids may be made at the discretion of the city. However, no interpretation of the meaning of the specifications or other pre-bid documents will be made to any bidder orally.

Every request for such interpretation should be in writing and delivered or sent by facsimile to the city purchasing agent or the buyer shown on the bid request, Duluth, Minnesota 55802, and to be given consideration must be received at least five days prior to the date fixed for the opening of bids.

12. Award of Contract - Rejection of Bids:

In determining the successful bidder, there will be considered in addition to price (per Ordinance 7050):

- A. The ability, capacity and skill of the bidder to perform the contract.
- B. The character, integrity, reputation, judgement, experience and efficiency of the bidder.
- C. The quality of performance of previous contract.
- D. The sufficiency of the financial resources, equipment available and ability of the bidder to perform the contract.

13. Quantities:

The city reserves the right to increase or decrease the quantities of items on this bid as required. Any exception to this provision must be noted by the vendor in its bid or proposal.

14. Wages and Salaries:

Attention of bidders is particularly called to the requirements concerning the payment of not less than the prevailing wage and salary rates specified in the contract documents and the conditions of employment with respect to certain categories and classifications of employees for all "Public Works" type projects estimated to exceed \$2,000.

B. The rates of pay set forth under General Conditions are the minimums to be paid during the life of the contract. It is therefore the responsibility of bidders to inform themselves as to local labor conditions, such as the length of work day and work week, overtime compensations, health and welfare contributions, labor supply, and prospective changes or adjustments of rates.

15. Validity of Bids:

All bids shall be valid for 60 days from the date of bid opening, unless an other period is noted in bid documents or if an extension is agreed upon, in writing prior to the end of the 60 day period.

16. Facsimile Bids:

Facsimile bids are acceptable if: bids are received at the designated facsimile number prior to the scheduled bid opening and an original copy of the bid, identical to the "faxed" bid, is received within 48 hours of the bid opening. Facsimile bid deposits are not acceptable. The city shall endeavor to keep bids confidential, but will accept no responsibility for the confidentiality of facsimile bids. All bids or proposals returned by facsimile are understood to incorporate these general specifications.

17. Insurance:

All vendors doing work on city property, except vendors making routine deliveries, shall submit an insurance certificate indicating insurance coverage as per current city requirements.

18. Website:

ci.duluth.mn.us/city/service/purchasing/index.htm

IMPORTANT - NOTICE TO BIDDER

On the envelope submitting your bid, it is imperative

1. That your name and address appear in the UPPER left corner.
2. That the bottom portion of this label be filled in and pasted on the LOWER left corner.

S E A L E D	BID NO.	B I D D E R
	DATE OF OPENING	
	TIME OF OPENING A.M. P.M.	
	DESCRIPTION	

AFFIDAVIT AND INFORMATION REQUIRED OF BIDDERS

Affidavit of Non-Collusion:

I hereby swear (or affirm) under penalty of perjury:

- 1) That I am the bidder (if the bidder is an individual), a partner in the bidder (if the bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the bidder is a corporation);
- 2) That the attached bid or bids have been arrived at by the bidder independently and have been submitted without collusion with and without agreement, understanding, or planned common course of action with any other vendor or materials, supplied, equipment or services described in the invitation to bid, designed to limit independent bidding or competition;
- 3) That the contents of the bid or bids have not been communicated by the bidder or its employees or agents to any person not an employee or agent of the bidder or its surety on any bond furnished with the bid or bids and will not be communicated to any such person prior to the official opening of the bid or bids; and
- 4) That I have fully informed myself regarding the accuracy of the statements made in this affidavit.

Signed: _____

Firm Name: _____

Subscribed and sworn to me before this ____ day of _____, _____

NOTARY PUBLIC _____

My commission expires: _____

Bidder's E.I. Number _____

(Number used on employer's quarterly Federal Tax return)

**EQUAL EMPLOYMENT OPPORTUNITY (EEO) AFFIRMATIVE ACTION
POLICY STATEMENT & COMPLIANCE CERTIFICATE**

TO: City of Duluth, Minnesota **PROJECT NUMBER & DESCRIPTION** _____

FROM: _____

(FIRM's name, address, telephone number)

A) Employment: It is the policy of the above named FIRM to afford equal opportunity for employment to all individuals regardless of race, color, creed, religion, national origin, ancestry, age, sex, marital status, status with respect to public assistance and/or disability. The FIRM will take affirmative action to ensure that we will: (1) recruit, hire, and promote all job classifications without regard to race, color, creed, religion, national origin, ancestry, age, sex, marital status, status with respect to public assistance, and/or disability, except where sex is a bona fide occupational qualification; (2) base decisions on employment so as to further the principle of equal employment opportunity; (3) ensure that promotion decisions are in accord with the principles of equal employment opportunity by imposing only valid requirements for promotional opportunities; (4) ensure that all personnel actions such as compensation, benefits, transfers, layoffs, return from layoff, FIRM sponsored training, education tuition assistance, social and recreational programs will be administered without regard to race, color, creed, religion, national origin, ancestry, age, sex, marital status, status with respect to public assistance, and/or disability. The FIRM also intends full compliance with Veteran affirmative action requirements. Additionally, minority and female employees shall be encouraged to participate in all FIRM activities and refer applicants.

I have designated (name) _____ to direct the establishment of and to monitor the implementation of personnel procedures to guide the FIRM's affirmative action program. Where PROJECTS exceed \$500,000, this official shall also serve as the liaison officer that administers the FIRM's "Minority Business Enterprise Program." This official is charged with designing and implementing audit and reporting systems that will keep management informed on a monthly basis of the status of the equal opportunity area.

Supervisors have been made to understand that their work performance is being evaluated on the basis of their equal opportunity efforts and results, as well as other criteria. It shall be the responsibility of the FIRM and its supervisors to take actions to prevent harassment of employees placed through affirmative action efforts.

B) Reports: Unless exempted by law and regulation, the FIRM shall make available and file those reports related to equal opportunity as may be required by the City of Duluth and State and Federal compliance agencies. Requirements and Reports are defined in 41CFR60 "Compliance Responsibility for Equal Opportunity" published by the U. S. Department of Labor which is incorporated herein by reference. Additional requirements are defined in various State and Federal Civil Rights Legislation and Rules promulgated thereunder.

C) Nonsegregated Facilities: The FIRM certifies that it does not maintain or provide for its employees any segregated facilities at any of its establishments and that it does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The FIRM certifies that it will not maintain or provide for its employees any segregated facilities at any of its establishments and that it will not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The FIRM agrees that a breach of this

certification is a violation of the Equal Opportunity Clause in this certificate. As used in this Certification, the term "segregated facilities" means any waiting rooms, work area, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation for entertainment area, transportation, and housing facilities provided for employees which are segregated by explicit directive or are, in fact, segregated on the basis of race, color, religion, or national origin, because of habit, local custom, or otherwise.

- D) Affirmative Action Compliance Program:** Unless exempted by regulation and law, the FIRM—if the FIRM has 50 or more employees and if the value of current contracts with the City of Duluth exceeds \$50,000—shall prepare and maintain a written affirmative action compliance program that meets the requirement as set forth in 41CFR60.
- E) Non-Compliance:** The FIRM certifies that it is not currently in receipt of any outstanding letters of deficiencies, show cause, probable cause, or other such notification of non-compliance with EEO Laws and Regulations.
- F) Employment Goals - "Construction" Projects:** It shall be the goal of the FIRM if the PROJECT is of a construction nature that in all on-site employment generated that no less than 3% of the on-site workforce will be minority employees and that no less than 7% of the on-site workforce will be female employees. Further, it is the goal of the FIRM if the PROJECT is of a construction nature that in all on-site employment generated that no less than 3% of the work hours generated shall be worked by minority employees and that no less than 7% of the work hours generated shall be worked by female employees.
- G) Subcontractors:** The FIRM will for all its PROJECT subcontractors regardless of tier (unless exempted by law and regulation) that received in excess of \$2,500 require that: (1) the subcontractor shall execute an "EEO Statement and Certification" similar in nature to this "Statement and Certification", (2) said documentation to be maintained on file with the FIRM or subcontractor as may be appropriate.

Executed this _____ day of _____, 20__ by:

Printed name and title

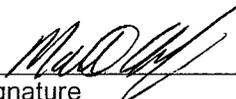
Signature

NOTE: In addition to the various remedies prescribed for violation of Equal Opportunity Laws, the penalty for false statements is prescribed in 18 U.S.C. 1001.

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SPECIFICATIONS SIGNATURE PAGE

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

Matt Bolf

Typed or Printed Name

10/18/12

Date

43913

Registration No.

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Certified Payroll Checklist rev 4/5/11

Data for Labor Cost Bidding

Instructions to Bidders – Engineering 6/02/10

Prevailing Wage Rates: State Highway and Heavy 9-10-12, Federal Heavy 8-3-12, State Truck Rental Rates 7-25-12

Project Insurance Requirements 7/13/09

Request for Bids form

Appendix A: Contech – Bridge Installation and Lifting Instructions

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The following forms and regulations/rules/statutes and interpretations, which are incorporated by reference in this contract, are available on the World Wide Web at the sites listed below. The City of Duluth will use its best efforts to ensure that the most recent, applicable forms and regulations/rules/statutes and interpretations are included on the web sites provided; however, if you are the successful bidder, prior to signing the contract, you are responsible for comparing the versions of the forms and regulations/rules/statutes and interpretations attached to the contract which you are signing with the versions on the web to ensure conformity.

THE VERSIONS OF THE FORMS AND REGULATIONS/RULES/STATUTES and INTERPRETATION ATTACHED TO THE CONTRACT WILL BE CONTROLLING. HARD COPIES OF ALL FORMS ARE AVAILABLE AT THE ENGINEERING DIVISION, EXCEPT THE NON-COLLUSION AND AFFIRMATIVE ACTION POLICY STATEMENT, WHICH ARE AVAILABLE AT THE CITY OF DULUTH PURCHASING DEPARTMENT.

Item listing from web:

FORM	WEB SITE
Affidavit of Non-Collusion (required by awarded contractor only)	www.duluthmn.gov/engineering/construction_documents.cfm
Affirmative Action Policy Statement/Certificate - EEO (required by awarded contractor only)	www.duluthmn.gov/engineering/construction_documents.cfm
Bidder's Label for submitting project bids	www.duluthmn.gov/engineering/construction_documents.cfm
Certified Payroll Report form WH347 (front side only)	www.dol.gov/whd/forms/WH347.pdf
Contractor's Haul Route	www.duluthmn.gov/engineering/construction_documents.cfm
Debarment/Suspension Notice 10-10-2012	www.dot.state.mn.us/pre-letting/prov/order/suspension.pdf
HUD 4010	www.hud.gov/offices/adm/hudclips/forms/files/4010.pdf
IC-134 form	www.taxes.state.mn.us/Forms_and_Instructions/ic134.pdf
IC-134 on-line submittal (click: Submit Contractor Affidavit; r-side of screen)	www.mndor.state.mn.us/
MN Rules 5200.1105 & .1106	www.duluthmn.gov/engineering/construction_documents.cfm
MN Statutes 177.41 to 177.44	www.revisor.mn.gov/statutes/?id=177
Notice to Bidders Prompt Payment to Subs	www.duluthmn.gov/engineering/construction_documents.cfm
One-Call Instructions	www.duluthmn.gov/engineering/construction_documents.cfm
Purchasing Division General Specifications	www.duluthmn.gov/engineering/construction_documents.cfm
Request to Sublet TP-21834 (5-12-09)	www.duluthmn.gov/engineering/construction_documents.cfm
Statement of Compliance Form (12-10)	www.dot.state.mn.us/const/labor/forms.html
Statement of Compliance Form - 2 nd page WH347	www.dol.gov/whd/wh347.pdf
Supplemental General Conditions Part II 4/15/11	www.duluthmn.gov/engineering/construction_documents.cfm

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NOTICE TO ALL BIDDERS:

The City of Duluth Public Works & Utilities Department – Engineering Division 2011 Edition Standard Construction Specifications book with 2012 amendments and any other 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 Specification is available on the City website at www.duluthmn.gov/engineering/index.cfm.

SP-1 SCOPE OF WORK

This work provides for construction of a bridge over Chester Creek and erection of a pedestrian bridge in Duluth, Minnesota. The work consists of common excavation, abutment construction, construction of bridge, and placement of an existing bridge on new abutments.

The City of Duluth is the Owner of this project.

The Contractor will become a co-permittee with the City of Duluth on the NPDES II Storm Water Permit.

SP-2 (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-2.1** Construction operations shall be started on or before November 12, 2012 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.
- SP-2.2** All work required under this Contract shall be completed by December 14, 2012.
- SP-2.3** 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-2.4** No work which will restrict or interfere with traffic shall be performed between 12:00 noon on the day preceding and 6:30 a.m. on the day following any consecutive combination of a Saturday, Sunday, and legal holiday without written permission from the Engineer. If the Contractor chooses not to work at all on the day preceding the holiday period, no working day charges will be assessed. If the Contractor chooses to work prior to 12:00 noon on the day preceding the holiday period or if the Contractor obtains written permission to work after 12:00 noon on the day preceding the holiday period, working day charges will be assessed only for the actual hours worked.
- SP-2.5** 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.

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- 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-3 (1903) INCREASED OR DECREASED QUANTITIES

The provisions of Mn/DOT 1903 regarding overruns and underruns shall not apply to the following items of work under the Contract:

- 2100.601 Phase 1 Bridge
- 2100.601 Erect Pedestrian Bridge (Superstructure)

SP-4 (2100) PHASE 1 BRIDGE

SP-4.1 Description

This work shall consist of furnishing and installing all material, labor and equipment necessary for fabricating, constructing, transporting, and erecting the Phase 1 Bridge as directed by the engineer.

SP-4.2 Design

The bridge shall be provided by the contractor and sealed by a Minnesota licensed Professional Engineer.

The bridge shall be a minimum of 35 feet of clear span length and 30 feet of clear width between railing and curbs. The bridge shall be designed to carry the dead load of the structure and a live load of the greater of 85 psf or a concentrated load for an AASHTO H-10 (20,000 lb) vehicle, PLUS an additional uniform live load of 30 psf for compacted snow. The bridge shall have a wood decking placed with no gaps between planks. A railing with a minimum height of 60 inches above the deck shall be provided on both sides of the bridge deck and be capable of handling a concentrated load of 200 placed horizontally or vertically at any location. Maximum openings shall be such that a 4 inch diameter sphere will not pass through. A 6 inch high toe plate or curb shall be provided to allow for retaining of snow storage on bridge deck. Abutments capable of supporting the bridge superstructure dead and live loads and retaining the approach embankment shall be constructed on both ends of the bridge as shown in Sheet 3 of the Plans.

SP-4.3 Materials

Used materials, except for anchor bolts, hardware for timber construction, and high strength bolts, may be incorporated into the construction of the bridge provided those materials are in sound condition and suitable for their intended purpose. The bridge beams or stringers and the abutments shall be steel or timber. All bridge materials will be subject of engineer's approval in field.

SP-4.4 Construction Requirements

The bridge shall be constructed at the location and elevation directed by the engineer. The bridge shall be in place by December 14, 2012.

The contractor shall excavate on the east side of the proposed bridge to allow for abutment construction and placement.

The standard criteria for frost protection of abutments will be waived for the construction of the bridge. Abutments shall be placed on competent soil capable of supporting the applied load.

SP-4.5 Method of Measurement

Measurement will be by the Lump Sum.

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SP-4.6 Basis of Payment

This work will be paid for at the contract unit price per Lump Sum for PHASE 1 BRIDGE which shall be compensation in full for all costs incidental thereto, including but not limited to, all materials and labor necessary to install proposed bridge.

SP-5 (2100) ERECT PEDESTRIAN BRIDGE SUPERSTRUCTURE

SP5.1 Description

This work shall consist of furnishing and installing all material, labor and equipment necessary for relocating and erecting the existing pedestrian bridge superstructure (steel truss and timber deck) from the location near the new site to the new abutments. See Sheet 4 of the Plans for location.

SP-5.2 Construction Requirements

The relocation and erection of the existing superstructure and providing and placing of anchor bolts onto the new abutments shall be performed by the contractor. The existing superstructure is located within 20 feet of the location of the new bridge alignment. This superstructure is comprised of steel truss and a wooden deck.

The existing truss is located near the location of the proposed site of the bridge and may need to be temporarily relocated to facilitate construction of the new abutments. The existing concrete slab/abutments shall be removed and disposed of by the contractor. The bolts that anchor the truss to the slab/abutment may be salvaged for use in the new abutments provided that the condition of the bolts and hardware not damaged and of a condition acceptable to the engineer.

The contractor shall excavate and backfill to allow for abutment construction and placement.

The contractor shall shape slopes and place riprap to restore the channel embankment at the abutments.

The contractor shall place Class V to construct a connection from the existing trail to the new bridge.

The existing truss shall be lifted at the truss panel point locations shown in the attached Contech Bridge Installation and Lifting Instructions. Contractor is to prevent damage to the truss during relocation and erection. The contractor is to identify and previous truss damage to the engineer prior to relocating or erecting the truss.

SP-5.3 Method of Measurement

Measurement will be by the Lump Sum under item "Erect Pedestrian Bridge (Superstructure)."

SP-5.4 Basis of Payment

This work will be paid for at the contract unit price per Lump Sum for Erect Pedestrian Bridge (Superstructure) which shall be compensation in full for all costs incidental thereto, including but not limited to, all materials and labor necessary to install and anchor the existing truss structure on the new abutments.

SP-6 (2104) REMOVE PHASE 1 BRIDGE

SP-6.1 Description

This work shall consist of furnishing all material, labor and equipment necessary for the complete removal of the Phase 1 Bridge, abutments, and restoration.

SP-6.2 Construction Requirements

All bridge and abutment materials will be removed and disposed of by the Contractor.

The contractor shall have the Phase 1 Bridge removed and disposed of completely from the site by March 7, 2013.

The contractor shall restore the bituminous parking lot and stabilize and restore the slope on the east side of the bridge upon removal of the east abutment.

SP-6.3 Method of Measurement

Measurement will be by the Lump Sum.

SP-6.4 Basis of Payment

This work will be paid for at the contract unit price per Lump Sum for Remove Phase 1 Bridge (Superstructure) which shall be compensation in full for all costs, including all materials, labor, and equipment necessary to remove bridge.

**SPECIAL PROVISIONS
CITY JOB NO. 1171 / 1194
CHESTER PARK PHASE 1 BRIDGE AND PLACEMENT OF EXISTING SKI TRAIL BRIDGE
SEH NO. DULUT 121822
OCTOBER 2012**

SP-7 **(2563) TRAFFIC CONTROL**

This project shall maintain access to all Chester Park facilities, streets, and parking lots, and must be maintained at all times. Upon completion of the project, all lanes of traffic shall be restored and opened for traffic. Contractor to be responsible for removing contractor installed devices.

All traffic control devices shall conform and be installed in accordance to the "Minnesota Manual on Uniform Traffic Control Devices" (MN MUTCD) and Part 6, "Field Manual for Temporary Traffic Control Zone Layouts", the "Guide to Establishing Speed Limits in Highway Work Zones", the Minnesota Flagging Handbook, the provisions of MnDOT 1404 and 1710, the Minnesota Standard Signs Manual, the Traffic Engineering Manual, the Traffic Control currently in-place, and these Special Provisions.

The Contractor shall furnish, install, maintain, and remove all traffic control devices required to provide safe movement of vehicular traffic through the Project during the life of the Contract from the start of Contract operations to the final completion thereof. The Engineer will have the right to modify the requirements for traffic control as deemed necessary due to existing field conditions. The highways shall be kept open to traffic at all times, except as modified below.

Traffic control devices include, but are not limited to, barricades, warning signs, trailers, flashers, cones, and drums, as required and sufficient barricade weights to maintain barricade stability.

The Contractor is advised of the changes to the Prevailing Wage Coverage as noted in the Notice to Bidders – Traffic Control Prevailing Wage Coverage contained in the front of this Proposal.

SP-8 **(2573) TEMPORARY ROCK CONSTRUCTION ENTRANCE**

This work consists of construction and maintenance of a rock construction entrance as shown on the plans. The purpose of this entrance is to prevent appreciable soil tracking onto public roadways for the duration of the Project. The location of each entrance shall be approved by the Engineer prior to construction.

SP-8.1 **Basis of Payment**

This work shall be paid for by the each as follows:

Upon Construction	50%
Upon Project Completion	50%

SP-9 **(2573) EROSION CONTROL SUPERVISOR**

Section 2573.4S is deleted and replaced with the following:

SP-9.1 **Erosion Control Supervisor**

Providing the Erosion Control Superior for this Contract shall be considered incidental work for which no direct payment will be made.

City of Duluth
CERTIFIED PAYROLL CHECKLIST

[State of MN & Federal funded projects rev 4/5/11]
www.duluthmn.gov/engineering/construction_documents.cfm

**For ease of communication, the e-mail address of the person responsible for certified payroll reports (CPRs) is necessary from the prime contractor and all subcontractors.
Please reply to the e-mail address in item #20.**

- 1) Contractor's name and address must appear on the top line of each **certified payroll report (CPR)**.
- 2) **City project number, name, and location must appear on each weekly CPR AND the Statement of Compliance.**
- 3) **CPRs must be numbered sequentially**; for example, #1, #2, #3, etc.
 - **Should the prime contractor or any subcontractor NOT perform work on a project for one or several weeks, DO NOT submit any CPRs at all. When work resumes, mark the CPR with the next sequential number.**
 - **Should a project continue into another year, continue with the same number sequence.**
- 4) Each **employee's complete address** and the **last four digits of the social security number** must be on the first CPR his/her name appears; subsequent CPRs need only show the name.
 - Hours of work must clearly correspond with the appropriate dates; overtime hours listed separately.
- 5) **CLASSIFICATION and CODE NUMBERS**
Each employee's classification title, group number, and code number **must be indicated on each CPR** using the State of Minnesota Master Job Classification listing.
 - **NOTE** that the U S DOL prevailing wage schedules DO NOT match the State of Minnesota's for every classification—use caution when applying these code and group numbers.
 - **A listing of simply "operator" or "laborer" or "driver," etc. will not be accepted.**
 - » **CPRs will be returned for correction and monthly projects payments could be delayed.**
 - Employees who work in more than one classification must have the hours spent in each classification clearly indicated on separate lines with the appropriate wage.
 - Web site: <https://www.revisor.mn.gov/rules/?id=5200/1100>
- 6)
 - The U S DOL form WH-347 may be used for preparing the actual certified payroll report.
web site: <http://www.dol.gov/whd/wh347.pdf>
Any other form or software may be used as long as it mirrors the format of the report above.
- 7) **Total Pay Package**
 - The total pay package—base rate plus fringe benefits—must be equal to or greater than that established in the project prevailing wage schedules **or** the project labor agreement (PLA), if the project is subject to one.
 - » An employer may pay a lower hourly rate and higher fringe benefit rate than stated in the project's wage decision for regular time PROVIDING the total is equal to or greater than that of the wage decision— overtime must be applied to the higher prevailing wage in the project's wage decision.
 - **The overtime rate must be paid at NO LESS than the rate of pay as established in the project's wage decision multiplied by one and one-half half OR the base rate the employee is being paid if it is higher than the wage decision base rate.**
 - The **U.S. DOL Statement of Compliance** [on the reverse side of the WH-347 payroll form] must be used **in addition** to the **MnDOT Prime Contractor-Subcontractor's Statement of Compliance (12/2010)**; the second page must be completed in full regarding the fringe benefits.
web sites: <http://www.dol.gov/whd/wh347.pdf> (page two)
<http://dot.state.mn.us/const/labor/forms.html>

- The fringe benefit package is an integral portion of the prevailing wage. Should the **prime contractor or any subcontractor (regardless of tier)** become delinquent with any fringe benefit plan administrator's requirements for monthly payment, an estimated amount due that plan plus penalties may be withheld from the monthly estimate(s) **OR** the entire monthly estimates(s) may be withheld. See item #10.

8) Other Deductions

- **"Other Deductions"** must be identified; for example: garnishment, alimony, child support, other court ordered deductions, specific fringe benefits, etc. Copies of these documents must be submitted with the first certified payroll report the deduction appears OR an involuntary deduction form must be included with the first certified payroll report the deduction appears.
- **Voluntary deductions** must be clearly marked as to the type: medical, life insurance, 401K, loan payment, etc. A copy of the employee's signed authorization for the voluntary deduction(s) must be included with the first certified payroll the deduction appears.
- **Union dues, union vacation pay, etc.** do not need an authorization form; however, those deductions must be clearly marked on the CPR and the Statement of Compliance which accompanies each CPR. web site: www.duluthmn.gov/engineering/construction_documents.cfm

9) Apprentices

- **Apprentices must be clearly identified on each certified payroll.**
- **A copy of the official state-approved apprenticeship agreement ALONG WITH the ratio language for that particular trade must be included with the first certified payroll report the apprentice appears.**
- Failure to complete the complete apprenticeship papers may result in a delay of project payments.

10) Fringe Benefits

- Only plans approved by the U.S. Department of Labor will be allowed.
- Payments made to bonafide plans must be timely per the stipulations of the plan administrator.
- Delinquent payments may result in a delay of monthly estimates or an estimated dollar amount due deducted from the monthly estimate. MnDOT 1906 Partial Payments will be implemented.

11) Trucking Operations

- **CPRs are required from ALL multiple truck operations (MTOs), partnerships, and corporations which have workers on a city of Duluth construction project.**
- **CPRs are required** from MTOs, partnerships, and corporations who have a contract with a broker and use their own employees or themselves (in a partnership or corporation) on a city of Duluth construction project.
 - » Each partner performing work on a project must submit a copy of his/her commercial driver's license (CDL), cab card, and insurance certificate for the truck being operated with that weekly CPR. It is not necessary to repeat such supporting documentation until a different truck is used and/or certificates have expired.
- **Independent truck operators (ITOs)** must submit copies of their CDL, cab card, and insurance certificate for each truck being operated before commencing work on the construction project. These documents must be sent to the prime contractor who will, then, forward the material to Labor Compliance Specialist. No CPRs are required.

12) Month End Trucking Reports

MnDOT's Month-End Trucking Report must be submitted within five working days of the month ending to Labor Compliance Specialist. web site: www.dot.state.mn.us/const/labor/forms.html

13) Owners/Salaried Persons

City Ordinance 8940, 6/18/85 defines a laborer, mechanic: all persons utilized, employed, or working on a project who are doing work usually done by mechanics and laborers, including proprietors, partners, and members of cooperatives.

- This means that all persons working on a City of Duluth project including owners, partners, salaried person, working foremen, etc. performing laborer and/or mechanic work shall be reported on the certified payroll reports including all data required of any laborer or mechanic.

14) **Base Workweek**

The base workweek is five 8-hour days. Daily overtime must be paid on hours exceeding eight per day.

15) **Overtime**

On this project, time and one-half the regular hourly rate is paid for hours exceeding eight per day / all hours after 40 per week.

- An employer may not withhold overtime payment exclusively until 40 hours per week are satisfied. Daily overtime must be paid as it is earned due the State of MN funding.

16) **Originals**

ORIGINAL certified payroll reports must be **submitted WEEKLY**. The prime contractor is responsible for all subcontractors' certified payroll reports.

FAXED certified payroll reports WILL NOT be accepted.

QUICKEN BOOK users will need to provide data in a format as the WH-347 payroll form.

(See web site in item #6)

17) **Statement of Compliance**

BOTH the U.S. DOL Statement of Compliance and the MnDOT Prime Contractor-Subcontractor's Statement of Compliance (12/2010) must be completed in full and attached to each weekly certified payroll report.

www.dot.state.mn.us/const/labor/forms.html MnDOT

www.dol.gov/whd/wh347.pdf U S DOL

- Check box A or B for fringe benefit allocation (on the front side of the MnDOT form).
- The back side of the MnDOT form requires the amount paid by classification and category plus the name, address, etc. of the fringe benefit plans.
- Any employee who has an exception to the fringe benefits must be explained in section "C."
- For fringe benefits paid in cash:
 - » indicate this in section "C"
 - » the fringe amount will be added to the employee's regular hourly rate; this total amount will appear on the certified payroll report and is subject to all payroll taxes
 - overtime is calculated at one and one-half the regular hourly rate [see #6 above] plus the fringe benefit amount
- A handwritten—**original**—signature must appear on the back side.

18) **EEO Reports are required on this project**

- Use the MnDOT EEO-13 form. Web site: <http://www.dot.state.mn.us/civilrights/forms.html>
- See the project's specifications/contract for specifics.
- Submit the monthly reports to the Labor Compliance Specialist in item #20

19) **IC-134**

Form IC-134, Withholding Affidavit for Contractors must be submitted before the full retainage can be released.

- on-line: www.mndor.state.mn.us lower right side of screen, click: Submit Contractor Affidavit
- hard copies: www.taxes.state.mn.us/Forms_and_Instructions/ic134.pdf

20) Send weekly original certified payroll reports and EEO reports to:

direct: 218/730-5089

fax: 218/730-5907

Anna McQuade

City of Duluth

211 City Hall

411 West 1st St

Duluth, MN 55802-1191

Note to subcontractors: the original certified payroll reports must be submitted to the prime contractor. The prime contractor will make a copy for its records and send the originals to the address in item #20.

DATA FOR LABOR COST BIDDING

NOTE:

Wage Decisions are subject to change due to lock-in rules and revisions near the bid opening.

Project No.: 1171 / 1194

Name: Chester Park Phase 1 Bridge and Placement of Existing Ski Trail Bridge

This project is funded by:

State of Minnesota with federal funding

The base workweek:

Five 8-hour days--OT on daily hours exceeding eight / OT on all hours after 40 per week

The project DOES NOT contain a *project labor agreement (PLA)*.

Should a project contain a project labor agreement:

- 1) Union scale may **not** be reflected in the prevailing wage schedule(s)
- 2) Note Article II Section 10 for trucking labor costs

OVERTIME REQUIREMENTS:

Overtime must be paid on hours worked in excess of eight hours per day. Contractors (including sub-contractors) are not allowed to pay overtime solely on hours in excess of forty per week.

The overtime rate must be paid at NO LESS than the rate of pay as established in the project's wage decision multiplied by one and one-half OR the base rate the employee is being paid if it is higher than the wage decision base rate.

**Project Prevailing Wage Decision: U S DOL Heavy 8/3/12
State of Minnesota Region 1 Highway-Heavy 9/10/12
State of Minnesota Truck Rental Rates 7/25/12**

INSTRUCTIONS TO BIDDERS

- 1) Use of Separate Bid Forms These contract documents include a complete set of bidding and contract forms which are for the convenience of bidders and are not to be detached from the contract document, completed, or executed. **Separate copies of bid forms are furnished for that purpose.**
- 2) Interpretations or Addenda No oral interpretation will be made to any bidder as to the meaning of the contract documents or any part thereof. Every request for such an interpretation shall be made in writing to the city of Duluth. Any inquiry received seven or more days prior to the date fixed for opening of bids will be given consideration. Every interpretation made to a bidder will be in the form of an addendum to the contract documents, and when issued, will be on file in the office of the city engineer at least five days before bids are opened. In addition, all addenda will be mailed to each person holding contract documents, but it shall be the bidder's responsibility to make inquiry as to the addenda issued. All such addenda shall become part of the contract and all bidders shall be bound by such addenda, whether or not received by the bidders.
- 3) Inspection of Site Each bidder should visit the site of the proposed work and fully acquaint himself with the existing conditions there relating to construction and labor, and should fully inform himself as to the facilities involved, the difficulties, and the restrictions attending the performance of the contract. The bidder should thoroughly examine and familiarize himself with the drawings, technical specifications, and all other contract documents. The contractor, by the execution of the contract, shall in no way be relieved of any obligation under it due to his failure to receive or examine any form or legal instrument or to visit the site and acquaint himself with the conditions there existing; the city of Duluth will be justified in rejecting any claim based on facts regarding which he should have been on notice as a result thereof.
- 4) Alternative Bids No alternative bids or bid items will be considered unless alternative bids are specifically requested by the technical specifications.
- 5) Bids
 - a) All bids must be submitted on forms supplied by the city engineer and shall be subject to all requirements of the contract documents, including the drawings, and these **Instructions to Bidders**. All bids must be regular in every respect; no interlineations, excisions, or special conditions shall be made or included in the bid form by the bidder.
 - b) Bid documents, including the bid and the bid guaranty, shall be enclosed in an envelope which shall be sealed and clearly labeled with the project number, if any, name of bidder, and date and time of bid opening, in order to guard against premature opening of the bid. If the proposal is mailed, this envelope shall be placed in another envelope which shall be sealed and labeled with project number, if any, name of bidder, and date and time of bid opening -- and addressed to city of Duluth purchasing manager, 100 City Hall, Duluth, Minnesota 55802.
 - c) The city of Duluth may consider as irregular any bid on which there is an alteration of or departure from the bid form hereto attached and, at its option, may reject the same.
 - d) If the project is awarded, it will be awarded by the city of Duluth to the lowest responsible bidder assuming that the bids are within funds available based on the lowest base bid and or in combination with selected alternates (if any). The alternates will be accepted in descending order. By the award of the contract, it is assumed that the work will be completed within the time-frame as specified within the contract documents.
 - e) Each bidder shall include in his bid the following information:
 - Principals – names, home addresses including city, state, and zip code
 - Firm – name, federal i.d. number, address, city, state, and zip code
 - Mechanical & Electrical Subcontractors -- names of firms that will do the mechanical and electrical work and the amounts of the mechanical and electrical sub-bids, if applicable and when (where indicated on Bid Proposal form).
- 6) Bid Guaranty
 - a) The bid must be accompanied by a bid guaranty which shall not be less than five percent (5%) of the amount of the bid. At the option of the bidder, the guaranty may be a certified check, bank draft, negotiable U.S. Government bond (at par value), or a bid bond. No bid will be considered unless it is accompanied by the required guaranty. Certified check or bank draft must be made payable to the order of the city of Duluth, Minnesota. Cash deposits will not be accepted. The bid guaranty shall insure the execution of the agreement and the furnishing of the surety bond or bonds by the successful bidder, all as required by the contract documents.

- b) Revised bids submitted before the opening of bids, whether forwarded by mail, fax, or in person, if representing an increase in excess of two percent (2%) of the original bid, must have bid guaranty adjusted accordingly; otherwise, the bid will not be considered.
- c) Certified checks or bank drafts, or the amount thereof, bid bonds, and negotiable U.S. Government bonds of unsuccessful bidders, will be returned as soon as practical after the opening of bids.

7) Collusive Agreements

- a) The successful bidder on each city of Duluth construction project shall be required to execute a city of Duluth non-collusive affidavit to the effect that he has not entered into a collusive agreement with any other person, firm, or corporation in regard to any bid submitted.
- b) Before executing any subcontract, the successful bidder shall submit the name of any proposed subcontractor for prior approval on the MnDOT Request to Sublet Form (Standard Specification 1801) TP-21834 (5/18/2007).

8) Unit Prices The unit price, for each of the several items in the proposal of each bidder, shall include its prorata share of overhead so that the sum of the products obtained by multiplying the quantity shown for each item by the unit price bid represents the total bid. Any bid not conforming to this requirement may be rejected as informal. The special attention of all bidders is called to this provision; for should conditions make it necessary to revise the quantities, no limit will be fixed for such increased or decreased quantities nor extra compensation allowed, provided the net monetary value of all such additive and subtractive changes in quantities of such items of work (i.e., difference in cost) shall not increase or decrease the original contract price by more than twenty-five percent (25%), except for work not covered in the drawings and technical specifications.

9) Corrections Erasures or other changes in the bids must be explained or noted over the signature of the bidder.

10) Time for Receiving Bids

- a) Bids received prior to the advertised hour of opening will be securely kept, sealed. The officer, whose duty it is to open them, will decide when the specified time has arrived and no bid received thereafter will be considered; except that when a bid arrives by mail after the time fixed for opening, but before the reading of all other bids is completed, and it is shown to the satisfaction of the city purchasing office that the non-arrival on time was due solely to delay in the mails for which the bidder was not responsible, such bid will be received and considered.
- b) Bidders are cautioned that, while fax modifications of bids may be received as provided above, such modifications, if not explicit and if in any sense subject to misinterpretation, shall make the bid so modified or amended, subject to rejection.

11) Opening of Bids At the time and place fixed for the opening of bids, the city purchasing manager will cause to be opened and publicly read aloud every bid received within the time set for receiving bids, irrespective of any irregularities therein. Bidders and other persons properly interested may be present in person or by representative.

12) Withdrawal of Bids Bids may be withdrawn on written or faxed request dispatched by the bidder in time for delivery in the normal course of business to the time fixed for opening; provided, that written confirmation of any faxed withdrawal over the signature of the bidder is placed in the mail and postmarked prior to the time set for bid opening. The bid guaranty of any bidder withdrawing his bid in accordance with the foregoing conditions will be returned promptly.

13) Award of Contract: Rejection of Bids

- a) The contract will be awarded to the responsible bidder submitting the lowest bid complying with the conditions of the Invitation to Bid. The bidder, to whom the award is made, will be notified at the earliest possible date. The city of Duluth, however, reserves the right to reject any and all such bids and to waive any informality in bids received whenever such rejection or waiver is in its interest.
- b) The city of Duluth reserves the right to consider as unqualified to do the work of general construction, any bidder who does not habitually perform with his own forces the major portions of the work involved in construction of the improvements embraced in the contract documents. A project labor agreement will be included in all contracts exceeding \$150,000.

14) Execution of Agreement: Performance and Payment Bond.

- a) Subsequent to the award and within ten (10) days after the prescribed forms are presented for signature, the successful bidder shall execute and deliver to the city of Duluth an agreement in the form as furnished by the City, in such number of copies as the city of Duluth may require.
- b) Having satisfied all conditions of award as set forth elsewhere in these documents, the successful bidder shall, within the period specified in paragraph "a" above, furnish:
 - 1) A performance bond for the use and benefit of the city of Duluth to complete the contract according to its terms, and conditioned on saving the city of Duluth harmless from all costs and charges that may accrue on account of completing the specified work; and
 - 2) A payment bond for the use and benefit of all persons furnishing labor and materials for the performance of the contract conditioned upon the payment, as they become due, of all just claims for labor and materials.

Both the performance bond and the payment bond shall be in a penal sum of not less than the amount of the contract awarded. Such bonds shall be in the same form as that included in the contract documents and shall bear the same date as, or a date subsequent to, that of the agreement. A current power of attorney for the person who signs for any surety company shall be attached to such bonds.

- c) The failure of the successful bidder to execute such agreement to supply the required bond or bonds within ten (10) days after the prescribed forms are presented for signature, or within such extended period as the city of Duluth may grant, based on reasons determined sufficient by the city of Duluth, shall constitute a default, and the city of Duluth may either award the contract to the next lowest responsible bidder or re-advertise for bids, and may charge against the bidder the difference between the amount of the bid and the amount for which a contract for the work is subsequently executed, irrespective of whether the amount thus due exceeds the amount of the bid bond. If a more favorable bid is received by re-advertising, the defaulting bidder shall have no claim against the city of Duluth for a refund.

15) Wages and Salaries

- a) Attention of bidders is particularly called to the requirements concerning the payment of not less than the prevailing wage and fringe benefit rates specified in the contract documents and the conditions of employment with respect to certain categories and classifications of employees.
- b) The rates of pay set forth in prevailing wage schedule(s) are *potentially* the minimums to be paid during the life of the contract. Project funding sources, bid opening date, contract award date, and the contract start date may be factors resulting in a change of prevailing wage schedules. It is, therefore, the responsibility of bidders to inform themselves as to local labor conditions, such as the length of work day hours in conjunction with the project's funding sources, overtime compensation, health and welfare contributions, labor supply, and prospective changes or adjustments of rates. A project labor agreement will be included in all contracts exceeding \$150,000.

- 16) Equal Employment Opportunity Attention of bidders is particularly called to the requirement for ensuring that employees and applicants for employment are not discriminated against because of their race, color, religion, sex, or national origin. (See Supplementary General Conditions, Part II, Section 11).

- 17) Employment and Business Attention of bidders is particularly called to the requirement that, to the greatest extent feasible, opportunities for training and employment made possible by this project shall be given to lower income residents of the city of Duluth. Additionally, if any work is subcontracted, efforts should be made to award subcontracts to concerns located in or owned in substantial part by persons residing in the city of Duluth.

- 18) Sales and Use Taxes It is assumed that, in the preparation of his proposal, the bidder has taken into consideration his/her liability from any sales, use, or excise tax that might be assessed in the purchase of, storage, use, or consumption of any materials, services, or supplies for performance of the contract work. Any such tax paid by the contractor will be considered as his/her expense, for which no direct compensation will be made by the city to the contractor over and above the accepted bid.

19) Pre-Bid/Pre-Construction Meetings

- a) Should a pre-bid meeting will be held, it will be conducted seven (7) days prior to the bid date (see **Bid Form** for time and place). All prime bidders are requested to attend. All bidders will be allowed to make inquiries regarding the contract documents. All formal decisions will be documented by addendum. Failure of any

prime bidders to attend this meeting could jeopardize the contract award.

- b) Approximately seven (7) days after city council approval of contract award, the successful bidder is required to attend a pre-construction meeting. At this meeting, the successful bidder will present his/her construction schedule, cost breakdown, required submittals, etc.

20) Equal Employment Opportunity (EEO) Affirmative Action Policy Statement and Compliance Certificate.

- a) The successful bidder on each city of Duluth construction project shall be required to execute a certificate substantially in the form herein provided.
- b) Before executing any subcontract in excess of \$2,500, the successful bidder shall require the subcontractor to execute a form similar in nature to the form herein provided.

**MINNESOTA DEPARTMENT OF LABOR AND INDUSTRY PREVAILING WAGES FOR STATE
FUNDED CONSTRUCTION PROJECTS**



THIS NOTICE MUST BE POSTED ON THE JOBSITE IN A CONSPICUOUS PLACE

Construction Type: Highway and Heavy

Region Number: 01

Counties within region:

- CARLTON-09
- COOK-16
- ITASCA-31
- KOOCHICHING-36
- LAKE-38
- PINE-58
- ST. LOUIS-69

Effective: 2011-10-31 Revised: 2012-09-10

This project is covered by Minnesota prevailing wage statutes. Wage rates listed below are the minimum hourly rates to be paid on this project.

All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at a rate of one and one half (1 1/2) times the basic hourly rate.

Violations should be reported to:

Department of Transportation
Office of Construction
Transportation Building MS650
John Ireland Blvd
St. Paul, MN 55155
(651) 366-4209

Refer questions concerning the prevailing wage rates to:

Department of Labor and Industry
Prevailing Wage Section
443 Lafayette Road N
St Paul, MN 55155
(651) 284-5091
DLI.PrevWage@state.mn.us

LABOR CODE AND CLASS

EFFECT DATE	BASIC RATE	FRINGE RATE	TOTAL RATE
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LABORERS (101 - 112) (SPECIAL CRAFTS 701 - 730)

101 LABORER, COMMON (GENERAL LABOR WORK)	2011-10-31	26.14	15.08	41.22
	2012-05-01	26.14	15.33	41.47
102 LABORER, SKILLED (ASSISTING SKILLED CRAFT JOURNEYMAN)	2011-10-31	26.14	15.08	41.22
	2012-05-01	26.14	15.33	41.47
103 LABORER, LANDSCAPING (GARDENER, SOD LAYER AND NURSERY OPERATOR)	2011-10-31	17.19	11.59	28.78
	2012-05-01	17.44	12.09	29.53
104 FLAG PERSON	2011-10-31	26.14	15.08	41.22
	2012-05-01	26.14	15.33	41.47
105 WATCH PERSON	2011-10-31	22.59	14.83	37.42
	2012-05-01	22.59	15.08	37.67
106 BLASTER	2011-10-31	29.14	15.08	44.22
	2012-05-01	29.14	15.33	44.47
107 PIPELAYER (WATER, SEWER AND GAS)	2011-10-31	28.14	15.08	43.22
	2012-05-01	28.14	15.33	43.47
108 TUNNEL MINER	2011-10-31	26.59	15.33	41.92
	2011-10-31	26.84	15.08	41.92
	2012-05-01	26.84	15.33	42.17
109 UNDERGROUND AND OPEN DITCH LABORER (EIGHT FEET BELOW STARTING GRADE LEVEL)	2011-10-31	26.84	15.08	41.92
	2012-05-01	26.84	15.33	42.17
110	2011-10-31	26.14	15.08	41.22

SURVEY FIELD TECHNICIAN (OPERATE TOTAL STATION, GPS RECEIVER, LEVEL, ROD OR RANGE POLES, STEEL TAPE MEASUREMENT; MARK AND DRIVE STAKES; HAND OR POWER DIGGING FOR AND IDENTIFICATION OF MARKERS OR MONUMENTS; PERFORM AND CHECK CALCULATIONS; REVIEW AND UNDERSTAND CONSTRUCTION PLANS AND LAND SURVEY MATERIALS). THIS CLASSIFICATION DOES NOT APPLY TO THE WORK PERFORMED ON A PREVAILING WAGE PROJECT BY A LAND SURVEYOR WHO IS LICENSED PURSUANT TO MINNESOTA STATUTES, SECTIONS 326.02 TO 326.15.

2012-05-01 26.14 15.33 41.47

111 TRAFFIC CONTROL PERSON (TEMPORARY SIGNAGE) 2011-10-31 26.14 15.08 41.22
2012-05-01 26.14 15.33 41.47

112 QUALITY CONTROL TESTER (FIELD AND COVERED OFF-SITE FACILITIES; TESTING OF AGGREGATE, ASPHALT, AND CONCRETE MATERIALS); LIMITED TO MN DOT HIGHWAY AND HEAVY CONSTRUCTION PROJECTS WHERE THE MN DOT HAS RETAINED QUALITY ASSURANCE PROFESSIONALS TO REVIEW AND INTERPRET THE RESULTS OF QUALITY CONTROL TESTERS. SERVICES PROVIDED BY THE CONTRACTOR. 2011-10-31 21.40 13.51 34.91

SPECIAL EQUIPMENT (201 - 204)

201 ARTICULATED HAULER 2011-10-31 30.97 16.60 47.57
2012-05-01 31.12 16.70 47.82

202 BOOM TRUCK 2011-10-31 30.97 16.60 47.57
2012-05-01 31.12 16.70 47.82

203 LANDSCAPING EQUIPMENT, INCLUDES HYDRO SEEDER OR MULCHER, SOD ROLLER, FARM TRACTOR WITH ATTACHMENT SPECIFICALLY SEEDING, SODDING, OR PLANT, AND TWO-FRAMED FORKLIFT (EXCLUDING FRONT, POSIT-TRACK, AND SKID STEER LOADERS), NO EARTHWORK OR GRADING FOR ELEVATIONS 2011-10-31 17.19 11.59 28.78
2012-05-01 17.44 12.09 29.53

204 OFF-ROAD TRUCK	2011-10-31	30.97	16.60	47.57
	2012-05-01	31.12	16.70	47.82

HIGHWAY/HEAVY POWER EQUIPMENT OPERATOR

GROUP 2	2011-10-31	31.82	16.60	48.42
	2012-05-01	31.97	16.70	48.67

302 HELICOPTER PILOT (HIGHWAY AND HEAVY ONLY)

303 CONCRETE PUMP (HIGHWAY AND HEAVY ONLY)

304 ALL CRANES WITH OVER 135-FOOT BOOM, EXCLUDING JIB (HIGHWAY AND HEAVY ONLY)

305 DRAGLINE, CRAWLER, HYDRAULIC BACKHOE (TRACK OR WHEEL MOUNTED) AND/OR OTHER SIMILAR EQUIPMENT WITH SHOVEL-TYPE CONTROLS THREE CUBIC YARDS AND OVER MANUFACTURER.S RATED CAPACITY INCLUDING ALL ATTACHMENTS. (HIGHWAY AND HEAVY ONLY)

306 GRADER OR MOTOR PATROL

307 PILE DRIVING (HIGHWAY AND HEAVY ONLY)

308 TUGBOAT 100 H.P. AND OVER WHEN LICENSE REQUIRED (HIGHWAY AND HEAVY ONLY)

GROUP 3	2011-10-31	31.27	16.60	47.87
	2012-05-01	31.42	16.70	48.12

309 ASPHALT BITUMINOUS STABILIZER PLANT

310 CABLEWAY

311 CONCRETE MIXER, STATIONARY PLANT (HIGHWAY AND HEAVY ONLY)

312 DERRICK (GUY OR STIFFLEG)(POWER)(SKIDS OR STATIONARY) (HIGHWAY AND HEAVY ONLY)

313 DRAGLINE, CRAWLER, HYDRAULIC BACKHOE (TRACK OR WHEEL MOUNTED) AND/OR SIMILAR EQUIPMENT WITH SHOVEL-TYPE CONTROLS, UP TO THREE CUBIC YARDS MANUFACTURER.S RATED CAPACITY INCLUDING ALL ATTACHMENTS (HIGHWAY AND HEAVY ONLY)

314 DREDGE OR ENGINEERS, DREDGE (POWER) AND ENGINEER

315 FRONT END LOADER, FIVE CUBIC YARDS AND OVER INCLUDING ATTACHMENTS. (HIGHWAY AND HEAVY ONLY)

316 LOCOMOTIVE CRANE OPERATOR

317 MIXER (PAVING) CONCRETE PAVING, ROAD MOLE, INCLUDING MUCKING OPERATIONS, CONWAY OR SIMILAR TYPE

318 MECHANIC . WELDER ON POWER EQUIPMENT (HIGHWAY AND HEAVY ONLY)

- 319 TRACTOR . BOOM TYPE (HIGHWAY AND HEAVY ONLY)
- 320 TANDEM SCRAPER
- 321 TRUCK CRANE . CRAWLER CRANE (HIGHWAY AND HEAVY ONLY)
- 322 TUGBOAT 100 H.P AND OVER (HIGHWAY AND HEAVY ONLY)

GROUP 4	2011-10-31	30.97	16.60	47.57
	2012-05-01	31.12	16.70	47.82

- 323 AIR TRACK ROCK DRILL
- 324 AUTOMATIC ROAD MACHINE (CMI OR SIMILAR) (HIGHWAY AND HEAVY ONLY)
- 325 BACKFILLER OPERATOR
- 326 CONCRETE BATCH PLANT OPERATOR (HIGHWAY AND HEAVY ONLY)
- 327 BITUMINOUS ROLLERS, RUBBER TIRED OR STEEL DRUMMED (EIGHT TONS AND OVER)
- 328 BITUMINOUS SPREADER AND FINISHING MACHINES (POWER), INCLUDING PAVERS, MACRO SURFACING AND MICRO SURFACING, OR SIMILAR TYPES (OPERATOR AND SCREED PERSON)
- 329 BROKK OR R.T.C. REMOTE CONTROL OR SIMILAR TYPE WITH ALL ATTACHMENTS
- 330 CAT CHALLENGER TRACTORS OR SIMILAR TYPES PULLING ROCK WAGONS, BULLDOZERS AND SCRAPERS
- 331 CHIP HARVESTER AND TREE CUTTER
- 332 CONCRETE DISTRIBUTOR AND SPREADER FINISHING MACHINE, LONGITUDINAL FLOAT, JOINT MACHINE, AND SPRAY MACHINE
- 333 CONCRETE MIXER ON JOBSITE (HIGHWAY AND HEAVY ONLY)
- 334 CONCRETE MOBIL (HIGHWAY AND HEAVY ONLY)
- 335 CRUSHING PLANT (GRAVEL AND STONE) OR GRAVEL WASHING, CRUSHING AND SCREENING PLANT
- 336 CURB MACHINE
- 337 DIRECTIONAL BORING MACHINE
- 338 DOPE MACHINE (PIPELINE)
- 339 DRILL RIGS, HEAVY ROTARY OR CHURN OR CABLE DRILL (HIGHWAY AND HEAVY ONLY)
- 340 DUAL TRACTOR
- 341 ELEVATING GRADER
- 342 FORK LIFT OR STRADDLE CARRIER (HIGHWAY AND HEAVY ONLY)
- 343 FORK LIFT OR LUMBER STACKER (HIGHWAY AND HEAVY ONLY)
- 344 FRONT END, SKID STEER OVER 1 TO 5 C YD
- 345 GPS REMOTE OPERATING OF EQUIPMENT
- 346 HOIST ENGINEER (POWER) (HIGHWAY AND HEAVY ONLY)
- 347 HYDRAULIC TREE PLANTER
- 348 LAUNCHER PERSON (TANKER PERSON OR PILOT LICENSE)

- 349 LOCOMOTIVE (HIGHWAY AND HEAVY ONLY)
- 350 MILLING, GRINDING, PLANNING, FINE GRADE, OR TRIMMER MACHINE
- 351 MULTIPLE MACHINES, SUCH AS AIR COMPRESSORS, WELDING MACHINES, GENERATORS, PUMPS (HIGHWAY AND HEAVY ONLY)
- 352 PAVEMENT BREAKER OR TAMPING MACHINE (POWER DRIVEN) MIGHTY MITE OR SIMILAR TYPE
- 353 PICKUP SWEEPER, ONE CUBIC YARD AND OVER HOPPER CAPACITY(HIGHWAY AND HEAVY ONLY)
- 354 PIPELINE WRAPPING, CLEANING OR BENDING MACHINE
- 355 POWER PLANT ENGINEER, 100 KWH AND OVER (HIGHWAY AND HEAVY ONLY)
- 356 POWER ACTUATED HORIZONTAL BORING MACHINE, OVER SIX INCHES
- 357 PUGMILL
- 358 PUMPCRETE (HIGHWAY AND HEAVY ONLY)
- 359 RUBBER-TIRED FARM TRACTOR WITH BACKHOE INCLUDING ATTACHMENTS (HIGHWAY AND HEAVY ONLY)
- 360 SCRAPER
- 361 SELF-PROPELLED SOIL STABILIZER
- 362 SLIP FORM (POWER DRIVEN) (PAVING)
- 363 TIE TAMPER AND BALLAST MACHINE
- 364 TRACTOR, BULLDOZER (HIGHWAY AND HEAVY ONLY)
- 365 TRACTOR, WHEEL TYPE, OVER 50 H.P. WITH PTO UNRELATED TO LANDSCAPING (HIGHWAY AND HEAVY ONLY)
- 366 TRENCHING MACHINE (SEWER, WATER, GAS) EXCLUDES WALK BEHIND TRENCHER (HIGHWAY AND HEAVY ONLY)
- 367 TUB GRINDER, MORBARK, OR SIMILAR TYPE
- 368 WELL POINT DISMANTLING OR INSTALLATION (HIGHWAY AND HEAVY ONLY)

GROUP 5	2011-10-31	27.93	16.60	44.53
	2012-05-01	28.08	16.70	44.78

- 369 AIR COMPRESSOR, 600 CFM OR OVER (HIGHWAY AND HEAVY ONLY)
- 370 BITUMINOUS ROLLER (UNDER EIGHT TONS)
- 371 CONCRETE SAW (MULTIPLE BLADE) (POWER OPERATED)
- 372 FORM TRENCH DIGGER (POWER)
- 373 FRONT END, SKID STEER UP TO 1C YD
- 374 GUNITE GUNALL (HIGHWAY AND HEAVY ONLY)
- 375 HYDRAULIC LOG SPLITTER
- 376 LOADER (BARBER GREENE OR SIMILAR TYPE)
- 377 POST HOLE DRIVING MACHINE/POST HOLE AUGER

- 378 POWER ACTUATED AUGER AND BORING MACHINE
- 379 POWER ACTUATED JACK
- 380 PUMP (HIGHWAY AND HEAVY ONLY)
- 381 SELF-PROPELLED CHIP SPREADER (FLAHERTY OR SIMILAR)
- 382 SHEEP FOOT COMPACTOR WITH BLADE . 200 H.P. AND OVER
- 383 SHOULDERING MACHINE (POWER) APSCO OR SIMILAR TYPE INCLUDING SELF-PROPELLED SAND AND CHIP SPREADER
- 384 STUMP CHIPPER AND TREE CHIPPER
- 385 TREE FARMER (MACHINE)

GROUP 6	2011-10-31	26.72	16.60	43.32
	2012-05-01	26.87	16.70	43.57

- 387 CAT, CHALLENGER, OR SIMILAR TYPE OF TRACTORS, WHEN PULLING DISK OR ROLLER
- 388 CONVEYOR (HIGHWAY AND HEAVY ONLY)
- 389 DREDGE DECK HAND
- 390 FIRE PERSON OR TANK CAR HEATER (HIGHWAY AND HEAVY ONLY)
- 391 GRAVEL SCREENING PLANT (PORTABLE NOT CRUSHING OR WASHING)
- 392 GREASER (TRACTOR) (HIGHWAY AND HEAVY ONLY)
- 393 LEVER PERSON
- 394 OILER (POWER SHOVEL, CRANE, TRUCK CRANE, DRAGLINE, CRUSHERS, AND MILLING MACHINES, OR OTHER SIMILAR HEAVY EQUIPMENT) (HIGHWAY AND HEAVY ONLY)
- 395 POWER SWEEPER
- 396 SHEEP FOOT ROLLER AND ROLLERS ON GRAVEL COMPACTION, INCLUDING VIBRATING ROLLERS
- 397 TRACTOR, WHEEL TYPE, OVER 50 H.P., UNRELATED TO LANDSCAPING

TRUCK DRIVERS

GROUP 1	2011-10-31	26.70	13.65	40.35
	2012-05-01	27.10	13.65	40.75

- 601 MECHANIC . WELDER
- 602 TRACTOR TRAILER DRIVER
- 603 TRUCK DRIVER (HAULING MACHINERY INCLUDING OPERATION OF HAND AND POWER OPERATED WINCHES)

GROUP 2	2011-10-31	26.15	13.65	39.80
	2012-05-01	26.55	13.65	40.20

604 FOUR OR MORE AXLE UNIT, STRAIGHT BODY TRUCK

GROUP 3

2011-10-31	26.05	13.65	39.70
2012-05-01	26.45	13.65	40.10

605 BITUMINOUS DISTRIBUTOR DRIVER

606 BITUMINOUS DISTRIBUTOR (ONE PERSON OPERATION)

607 THREE AXLE UNITS

GROUP 4

2011-10-31	25.80	13.65	39.45
2012-05-01	26.20	13.65	39.85

608 BITUMINOUS DISTRIBUTOR SPRAY OPERATOR (REAR AND OILER)

609 DUMP PERSON

610 GREASER

611 PILOT CAR DRIVER

612 RUBBER-TIRED, SELF-PROPELLED PACKER UNDER 8 TONS

613 TWO AXLE UNIT

614 SLURRY OPERATOR

615 TANK TRUCK HELPER (GAS, OIL, ROAD OIL, AND WATER)

616 TRACTOR OPERATOR, UNDER 50 H.P.

SPECIAL CRAFTS

701 HEATING AND FROST INSULATORS 2011-10-31 21.53 14.71 36.24

702 BOILERMAKERS

FOR RATE CALL 651-284-5091 OR
EMAIL
DLI.PRE VWAGE@STATE.MN.US

703 BRICKLAYERS 2011-10-31 28.58 20.66 49.24

2011-10-31 29.00 21.24 50.24

704 CARPENTERS 2011-10-31 29.72 17.15 46.87

2012-05-01 30.22 17.15 47.37

705 CARPET LAYERS (LINOLEUM) 2011-10-31 22.58 7.50 30.08

706 CEMENT MASONS 2011-10-31 31.83 16.25 48.08

	2012-05-01	33.33	16.25	49.58
707 ELECTRICIANS	2011-10-31	30.51	22.49	53.00
708 ELEVATOR CONSTRUCTORS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			
709 GLAZIERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			
710 LATHERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			
711 GROUND PERSON	2011-10-31	24.15	12.13	36.28
712 IRONWORKERS	2011-10-31	29.14	20.37	49.51
713 LINEMAN	2011-10-31	36.04	15.64	51.68
714 MILLWRIGHT	2011-10-31	30.12	14.65	44.77
715 PAINTERS (INCLUDING HAND BRUSHED, HAND SPRAYED, AND THE TAPING OF PAVEMENT MARKINGS)	2011-10-31	27.31	14.59	41.90
	2012-05-01	27.91	14.59	42.50
716 PILEDRIVER (INCLUDING VIBRATORY DRIVER OR EXTRACTOR FOR PILING AND SHEETING OPERATIONS)	2011-10-31	29.72	17.15	46.87
717 PIPEFITTERS . STEAMFITTERS	2011-10-31	35.86	16.05	51.91
	2012-05-01	36.61	16.05	52.66
718 PLASTERERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			

719 PLUMBERS	2011-10-31	31.49	19.34	50.83
720 ROOFER	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			
721 SHEET METAL WORKERS	2011-10-31	30.30	20.01	50.31
	2012-05-30	30.80	20.01	50.81
722 SPRINKLER FITTERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			
723 TERRAZZO WORKERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			
724 TILE SETTERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			
725 TILE FINISHERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			
726 DRYWALL TAPER	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			
727 WIRING SYSTEM TECHNICIAN	2011-10-31	32.09	12.39	44.48
728 WIRING SYSTEMS INSTALLER	2011-10-31	22.46	10.61	33.07
729 ASBESTOS ABATEMENT WORKER	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			
730 SIGN ERECTOR	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PRE VWAGE@STATE.MN.US			

General Decision Number: MN120105 08/03/2012 MN105

Superseded General Decision Number: MN20100139

State: Minnesota

Construction Type: Heavy

County: St Louis County in Minnesota.

HEAVY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/06/2012
1	03/02/2012
2	04/06/2012
3	05/04/2012
4	06/01/2012
5	07/06/2012
6	08/03/2012

BOIL0647-004 01/01/2012

	Rates	Fringes
BOILERMAKER.....	\$ 31.72	24.40

CARP0361-020 07/11/2011

ST LOUIS COUNTY (Southern 1/3 including Cotton, Floodwood, Fond Du Lac, and Proctor)

	Rates	Fringes
CARPENTER (Including Form Work).....	\$ 31.07	15.80

CARP0361-021 07/11/2011

ST LOUIS (Duluth)

	Rates	Fringes
CARPENTER (Including Form Work).....	\$ 31.47	15.80

CARP0606-010 05/01/2011

ST LOUIS COUNTY (Northeast 2/3 including Cook, Cusson, Ely; and Western part including Chisholm, Greaney, and Orr)

	Rates	Fringes
CARPENTER (Including Form Work).....	\$ 31.07	15.80

ELEC0242-012 06/03/2012

ST. LOUIS (South part bounded on the north by the north line of
Kelsey Township extended east & west)

	Rates	Fringes
ELECTRICIAN.....	\$ 31.27	23.12

* ELEC0294-006 06/03/2012

ST. LOUIS (North part bounded on the south by the south line of
Ellsburg Township, extended east & west)

	Rates	Fringes
ELECTRICIAN.....	\$ 32.63	23.74

ENGI0049-064 05/01/2011

	Rates	Fringes
OPERATOR: Power Equipment		
Group 2.....	\$ 31.82	16.60
Group 3.....	\$ 31.27	16.60
Group 4.....	\$ 30.97	16.60
Group 5.....	\$ 27.93	16.60
Group 6.....	\$ 26.72	16.60

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 2: Crane with over 135' Boom, excluding jib; Dragline
& Hydraulic Backhoe with shovel-type controls, 3 cubic
yards and over; Grader/Blade finishing earthwork and
bituminous.

GROUP 3: Dragline & Hydraulic Backhoe with shovel-type
controls up to 3 cubic yards; Loader 5 cu yd and over;
Mechanic; Tandem Scraper; Truck Crane; Crawler Crane

GROUP 4: Bituminous Roller 8 tons & over; Crusher/Crushing
Plant; Drill Rig; Elevating Grader; Loader over 1 cu yd;
Grader; Pump; Scraper up to 32 cu yd; Farm Tractor with
Backhoe attachment; Skid Steer Loader over 1 cu yd with
Backhoe attachment; Bulldozer over 50 hp.

GROUP 5: Bituminous Roller under 8 tons; Bituminous Rubber
Tire Roller; Loader up to 1 cu yd; Bulldozer 50 hp or less.

GROUP 6: Oiler; Self-Propelled Vibrating Packer 35 hp and
over.

CRANE OVER 135' BOOM, EXCLUDING JIB - \$.25 PREMIUM;
CRANE OVER 200' BOOM, EXCLUDING JIB - \$.50 PREMIUM

UNDERGROUND WORK:
 UNNELS, SHAFTS, ETC. - \$.25 PREMIUM
 UNDER AIR PRESSURE - \$.50 PREMIUM

HAZARDOUS WASTE PROJECTS (PPE Required):
 LEVEL A - \$1.25 PREMIUM
 LEVEL B - \$.90 PREMIUM
 LEVEL C - \$.60 PREMIUM

 IRON0512-028 05/01/2012

	Rates	Fringes
IRONWORKER, STRUCTURAL AND REINFORCING.....	\$ 29.24	21.20

 LABO0132-038 05/01/2009

	Rates	Fringes
LABORER Common or General (Natural Gas Pipeline only).....	\$ 16.70	10.49

 LABO0563-034 05/01/2011

ST LOUIS (South of T. 55 N)

	Rates	Fringes
LABORERS (1) Common or General.....	\$ 27.64	12.94
(2) Mason Tender Cement/Concrete.....	\$ 27.84	12.94
(6) Pipe Layer.....	\$ 29.64	12.94

 LABO0563-035 05/01/2011

ST LOUIS (North of T. 55 N)

	Rates	Fringes
LABORERS (1) Common or General.....	\$ 26.64	13.94
(2) Mason Tender Cement/Concrete.....	\$ 26.84	13.94
(6) Pipe Layer.....	\$ 28.64	13.94

 PLAS0633-036 05/01/2012

ST. LOUIS COUNTY (North of T 55N)

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER....	\$ 26.71	14.64

PLAS0633-039 05/01/2012

ST. LOUIS COUNTY (South of T 55N)

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 32.78	16.80

SUMN2009-072 09/28/2009		

	Rates	Fringes
LABORER: Landscape.....	\$ 12.88	4.61

TEAM0160-018 05/01/2011		

	Rates	Fringes
TRUCK DRIVER (DUMP)		
(1) Articulated Dump Truck..	\$ 26.70	13.65
(2) 3 Axles/4 Axles; 5 Axles receive \$0.30 additional per hour.....	\$ 26.15	13.65
(3) Tandem Axles; & Single Axles.....	\$ 26.05	13.65

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local

union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rate.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor

200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

State of Minnesota

Region 1 -- minimum truck rental rates

The operating costs were determined by survey on a statewide basis. The operating cost for "four or more axle units, straight body trucks" is determined to be \$51.58 an hour. The operating cost for "three axle units" is determined to be \$37.35 an hour. The operating cost for "tractor only" is determined to be \$41.43 an hour. The operating cost for "tractor trailers" is determined to be \$52.89 an hour.

Adding the prevailing wage for drivers of these four types of trucks from each of the state's 10 highway and heavy construction areas to the operating costs, the minimum hourly truck rental rate for the four types of trucks in each area is certified to be as follows.

Minimum hourly truck rental rates

Region 1	Tractor trailer	4 or more axle	3 axle	Tractor only
May 1, 2012	\$93.64	\$91.78	\$77.45	\$82.18

Minnesota Department of Labor and Industry

443 Lafayette Road N., St. Paul, MN 55155

Phone: (651) 284-5070 (Labor Standards), (651) 284-5091 (prevailing wage) or 1-800-DIAL-DLI (1-800-342-5354); TTY: (651) 297-4198

Send email messages to Labor Standards at dli.laborstandards@state.mn.us.

Send email messages about prevailing wage to dli.prevwage@state.mn.us.

City of Duluth

Indemnification & Insurance Requirements

(Updated February 16, 2011)

(Please Be Sure These Requirements Can Be Met Before Submitting Your Response)

INDEMNIFICATION CLAUSE

The Contractor will defend, indemnify and save the City harmless from all costs, charges, damages, and loss of any kind that may grow out of the matter covered by this contract. Said obligation does not include indemnification of the City for claims of liability arising out of the sole negligent or intentional acts or omissions of City but shall include but not be limited to the obligation to defend, indemnify and save harmless the City in all cases where claims of liability against the City arise out of acts or omissions of City which are derivative of the negligence or intentional acts or omissions of Contractor such as, and including but not limited to, the failure to supervise, the failure to warn, the failure to prevent such act or omission by Contractor and any other such source of liability. In addition, Contractor will comply with all local, state and federal laws, rules and regulations applicable to this contract and to the work to be done and things to be supplied hereunder.

INSURANCE

- a. Contractor shall provide the following minimum amounts of insurance from insurance companies authorized to do business in the state of Minnesota, which insurance shall indemnify Contractor and City from all liability described in the paragraph above, subject to provisions of subparagraph below.
 - (1) Worker's compensation in accordance with the laws of the state of Minnesota.
 - (2) Public Liability and Automobile Liability Insurance with limits not less than **\$1,500,00** Single Limit, and twice the limits provided when a claim arises out of the release or threatened release of a hazardous substance; shall be in a company approved by the city of Duluth; and shall provide for the following: Liability for Premises, Operations, Completed Operations, Independent Contractors, and Contractual Liability.
 - (3) City of Duluth shall be named as **Additional Insured** under the Public Liability, Excess/Umbrella Liability* and Automobile Liability, or as an alternate, Contractor may provide Owners-Contractors Protective policy, naming itself and the City of Duluth. Contractor shall also provide evidence of Statutory Minnesota Worker's Compensation Insurance. Contractor to provide Certificate of Insurance evidencing such coverage with 30-days notice of cancellation, non-renewal or material change provisions included. The City of Duluth does not represent or guarantee that these types or limits of coverage are adequate to protect the Contractor's interests and liabilities.

**An umbrella policy with a "following form" provision is acceptable if written verification is provided that the underlying policy names the City of Duluth as an additional insured.*

- (4) If a certificate of insurance is provided, the form of the certificate shall contain an unconditional requirement that the insurer notify the City without fail not less than 30 days prior to any cancellation, non-renewal or modification of the policy or coverages evidenced by said certificate and shall further provide that failure to give such notice to City will render any such change or changes in said policy or coverages ineffective as against the City.
- (5) **The use of an “Acord” form as a certificate of insurance shall be accompanied by two forms – 1) ISO Additional Insured Endorsement (CG-2010 pre-2004) and 2) Notice of Cancellation Endorsement (IL 7002) or equivalent, as approved by the Duluth City Attorney’s Office.**
- b. The insurance required herein shall be maintained in full force and effect during the life of this Agreement and shall protect Contractor, its employees, agents and representatives from claims and damages including but not limited to personal injury and death and any act or failure to act by Contractor, its employees, agents and representatives in the negligent performance of work covered by this Agreement.
- c. Certificates showing that Contractor is carrying the above described insurance in the specified amounts shall be furnished to the City prior to the execution of this Contract and a certificate showing continued maintenance of such insurance shall be on file with the City during the term of this Contract.
- d. The City shall be named as an additional insured on each liability policy other than the workers’ compensation policies of the Contractor.
- e. The certificates shall provide that the policies shall not be changed or canceled during the life of this Contract without at least 30 days advanced notice being given to the City.
- f. Contractor shall be required to provide insurance meeting the requirements of this Paragraph unless Contractor successfully demonstrates to the satisfaction of the City Attorney, in the exercise of his or her discretion, that such insurance is not reasonably available in the market. If Contractor demonstrates to the satisfaction of the City Attorney that such insurance is not reasonably available, the City attorney may approve an alternative form of insurance which is reasonably available in the market which he or she deems to provide the highest level of insurance protection to the City which is reasonably available.

Procedure verified by:

 Don Douglas, Claims Adjuster
 Duluth City Attorney’s Office

Date _____

PRE-2004 CG 2010

A. **Section II - Who Is an Insured** is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of your ongoing operations performed for that insured.

NOTICE OF CANCELLATIONS ENDORSEMENT IL-7002 (10-90)

All Coverage Parts included in this policy are subject to the following condition: If we cancel this policy for any reason other than non-payment of premium, we will mail advance notice to the person(s) or organization(s) as shown in the Schedule.

Schedule	
Person or Organization (Name and Address)	Advance Notice (Days)
City of Duluth Purchasing Division Room 100 City Hall 411 West First Street Duluth, MN 55802	30



REQUEST FOR BID
 DATE 10/18/2012
 BID # 12-0617

RETURN BY BID OPENING TIME TO:

PURCHASING DIVISION
 100 CITY HALL
 Duluth, MN 55802
 Dennis Sears
 PHONE: 218-730-5340
 FAX: 218-730-5921

CHESTER PARK PHASE 1 BRIDGE AND PLACEMENT OF EXISTING SKI TRAIL BRIDGE

BID OPENING AT 2:00 P.M. on THURSDAY NOVEMBER 1, 2012

Note: all bids must be written, signed and transmitted in a sealed envelope, plainly marked with the bid number, subject matter and opening date. The City of Duluth reserves the right to split award where there is a substantial savings to the City, waive informalities and to reject any and all bids. Bidder should state in proposal if bid price is based on acceptance of total order. Sales tax is not to be included in the unit price. Bidder to state freight charges if the proposal F.O.B. is shipping point, freight not allowed. Low bid will not be the only consideration for award of bid. All pages shall be signed or initialed by authorized bidder's representative as indicated at the bottom of the page(s) of the request for bid form.

RETURN BID IN DUPLICATE WITH DUPLICATE DESCRIPTIVE LITERATURE
 FOR BID RESULTS, ENCLOSE A SELF-ADDRESSED, STAMPED ENVELOPE WITH BID

BID DEPOSIT REQUIREMENTS: 5% OF BID AMOUNT

Deposit shall mean cash, cashier's check or corporate surety bond payable to or in favor of the City of Duluth.

A PERFORMANCE BOND AND A PAYMENT BOND shall be required of the successful bidder, BOTH in the full amount of the bid.

INSUREANCE CERTIFICATE required per attached requirements.

Designated F.O.B. Point:

Engineering Division	Tax:	Federal Excise Tax Exemption
Jobsite(s)		Account No. 41-74-0056 K

Vendor Email Address: _____ FREIGHT CHARGE \$ _____

NAME: _____ TOTAL BID PRICE # _____
 ADDR1: _____ TO INCLUDE ANY ADDITIONAL PAGES.
 ADDR2: _____
 ADDR3: _____

BY: _____ PAYMENT TERMS \$ _____
 (Print) (Title) F.O.B. POINT \$ _____
 (Signature) (Tele. #) DELIVERY DATE \$ _____

The City of Duluth is an Equal Opportunity Employer.

C I T Y O F D U L U T H

DATE: 10/18/2012
 BID #: 12-0617

*****SCHEDULE OF PRICES*****

City Project 1171/1194
 Bid No. 12-0617

Make all extensions and total the bid.

Item No.	Spec. #	Qty	U/OM	Item Description	Unit Price	Total Price
001		1	Each	Exhibit A (Must Be Returned With The Bid)	\$ _____	\$ _____
						TOTAL \$ _____

ADDENDUM RECEIPT ACKNOWLEDGEMENTS:

ADDENDUM NO. _____, DATED _____

ADDENDUM NO. _____, DATED _____

ADDENDUM NO. _____, DATED _____

TOTAL BID IN WORDS:

CONTRACTOR NAME:

THE CONTRACTOR AGREES TO ALL OF THE PROVISIONS CONTAINED IN THE CONTRACT DOCUMENTS. ENCLOSED HEREWITH FIND A CERTIFIED CHECK OR BID BOND IN THE AMOUNT OF AT LEAST 5% OF THE AMOUNT OF PROPOSAL MADE PAYABLE TO THE CITY OF DULUTH AS A PROPOSAL GUARANTEE WHICH IT (see additional page(s))

 (Initial)

C I T Y O F D U L U T H

DATE: 10/18/2012
BID #: Bid No. 12-0617

IS AGREED BY THE UNDERSIGNED WILL BE FORFEITED IN THE EVENT THE FORM OF CONTRACT AND BOND IS NOT EXECUTED, IF AWARDED TO THE UNDERSIGNED.

The bidder hereby certifies that he/she has received or viewed on-line the City of Duluth Public Works/Utilities Department - Engineering Division Standard Construction Specifications 2011 with 2012 ammendments booklet and has incorporated the terms hereof in its bid.

SIGNED: _____ FOR

A PARTNERSHIP (OR)

A CORPORATION INCORPORATED UNDER THE LAWS OF THE STATE OF:

PRESIDENT _____
VICE-PRES. _____
SECRETARY _____
TREASURER _____

ADDRESS(ES) _____

BEING DULY SWORN, DEPOSES AND SAYS THAT THERE ARE NO OTHER PERSONS COMPRISING ABOVE COMPANY OR FIRM THAN THE ABOVE NAMES, AND THAT THERE ARE NO PERSONS OR CORPORATIONS INTERESTED IN THE FORGOING PROPOSALS, EITHER AS PRINCIPAL OR SUBCONTRACTOR, OTHER THAN THE ABOVE NAMES; ALSO THAT THE PROPOSALS ARE MADE WITHOUT ANY CONNECTION WITH ANY PERSON OR PERSONS MAKING ANY PROPOSAL FOR THE ABOVE WORK; THAT THEY ARE IN ALL RESPECTS FAIR AND WITHOUT COLLUSION OR FRAUD; AND THAT NO PERSON ACTING IN ANY OFFICIAL CAPACITY FOR THE CITY OF DULUTH IS DIRECTLY OR INDIRECTLY INTERESTED THEREIN, OR IN ANY PORTION OF THE PROFIT THEREOF.

(see additional page(s))

(Initial)

Bid # 12-0617

Project # 1171 / 1194

Chester Park Phase 1 Bridge and Placement of Existing Skil Trail Bridge

Initial

EXHIBIT A

Item No.	Spec. No.	Description	Unit	Est. Qty	Unit Price	Total Price
1	2021.501	MOBILIZATION	LUMP SUM	1		
2	2100.601	PHASE 1 BRIDGE	LUMP SUM	1		
3	2100.601	ERECT PEDESTRIAN BRIDGE (SUPERSTRUCTURE)	LUMP SUM	1		
4	2104.601	REMOVE PHASE 1 BRIDGE	LUMP SUM	1		
5	2401.501	STRUCTURAL CONCRETE (1A43)	CU YD	7		
6	2401.501	STRUCTURAL CONCRETE (3Y43)	CU YD	21		
7	2401.541	REINFORCEMENT BARS	POUND	2650		
8	2401.601	STRUCTURE EXCAVATION	LUMP SUM	1		
9	2401.601	SLOPE PREPARATION	LUMP SUM	1		
10	2402.521	STRUCTURAL STEEL (3306)	POUND	30		
11	2511.501	RANDOM RIPRAP CLASS III	CU YD	20		
12	2511.511	GRANULAR FILTER	CU YD	5		
13	2563.601	TRAFFIC CONTROL	LUMP SUM	1		
14	2573.602	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EACH	1		
15	2575.555	TURF ESTABLISHMENT	LUMP SUM	1		

GRAND TOTAL:

Initial

Appendix A:

Contech – Bridge Installation and Lifting Instructions

APPENDIX C



BRIDGE INSTALLATION AND LIFTING INSTRUCTIONS

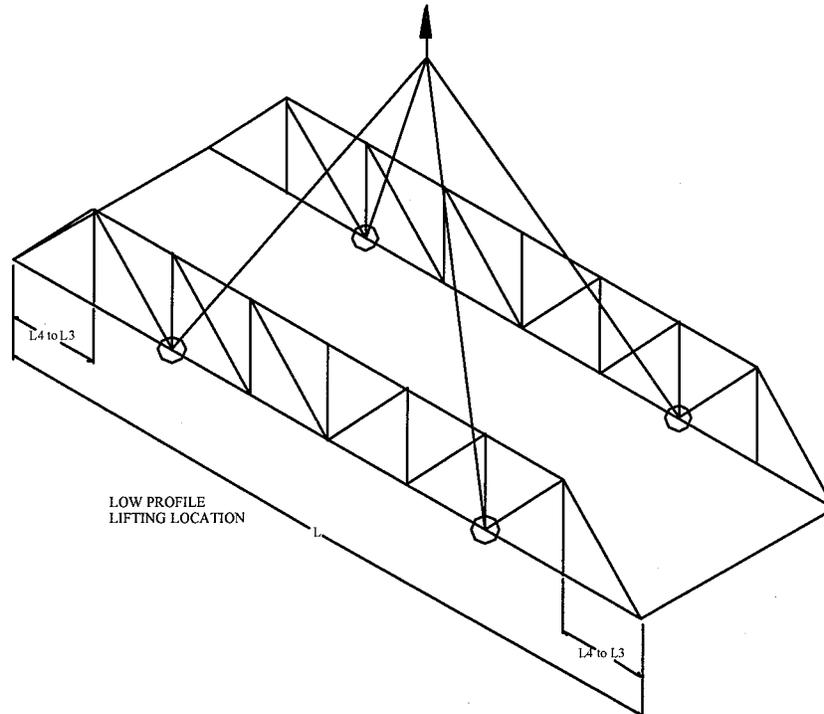
The purpose of this set of recommended instructions is to familiarize you with the standard procedures for installing and lifting Continental Bridges. These instructions are not all inclusive, thus each individual installation must be carefully planned by the erector.

1. Place all loose base plates on the bridge abutments. These loose base plates will be delivered along with the bridge.
2. Assure that the plates are at the correct elevation and that good bearing occurs between the abutment and the plate. If needed, shim the plate and grout tight with non-shrink grout under the entire base plate in order to assure full bearing and proper elevation.
3. Lightly grease the tops of all loose base plates except for those that have a teflon pad. The teflon pads are factory supplied and will be tack welded to the loose base plate and to the bottom of the bridge bearing plate.
4. Set the bridge onto the loose base plates. Lifting of the bridge shall be in accordance with the following:

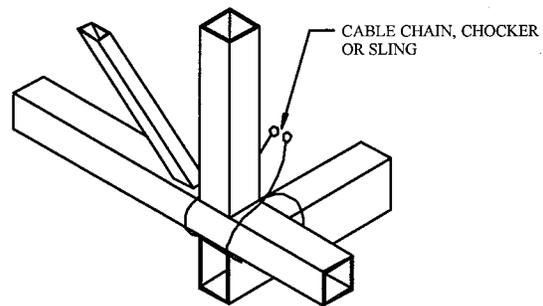
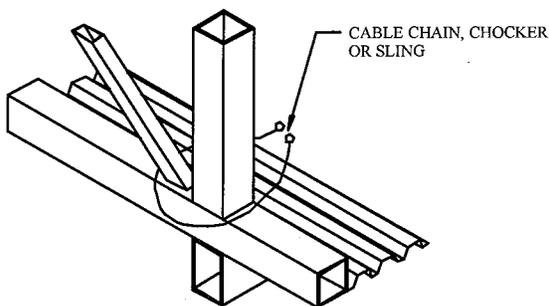
APPENDIX C

A) Low Profile Bridges

- Lift only from the bottom chord. Lifting from the top chord is prohibited.
- Use a minimum of four lifting points. It is recommended to lift from points that are a distance approximately $1/4$ to $1/3$ of the span length from the end of the bridge. Lifting may also be done from the base plates that are welded to the end of the bridge. With some small bridges, only two lifting points may be used by balancing the bridge at its centerpoint. Lifting must still occur from the bottom chord.



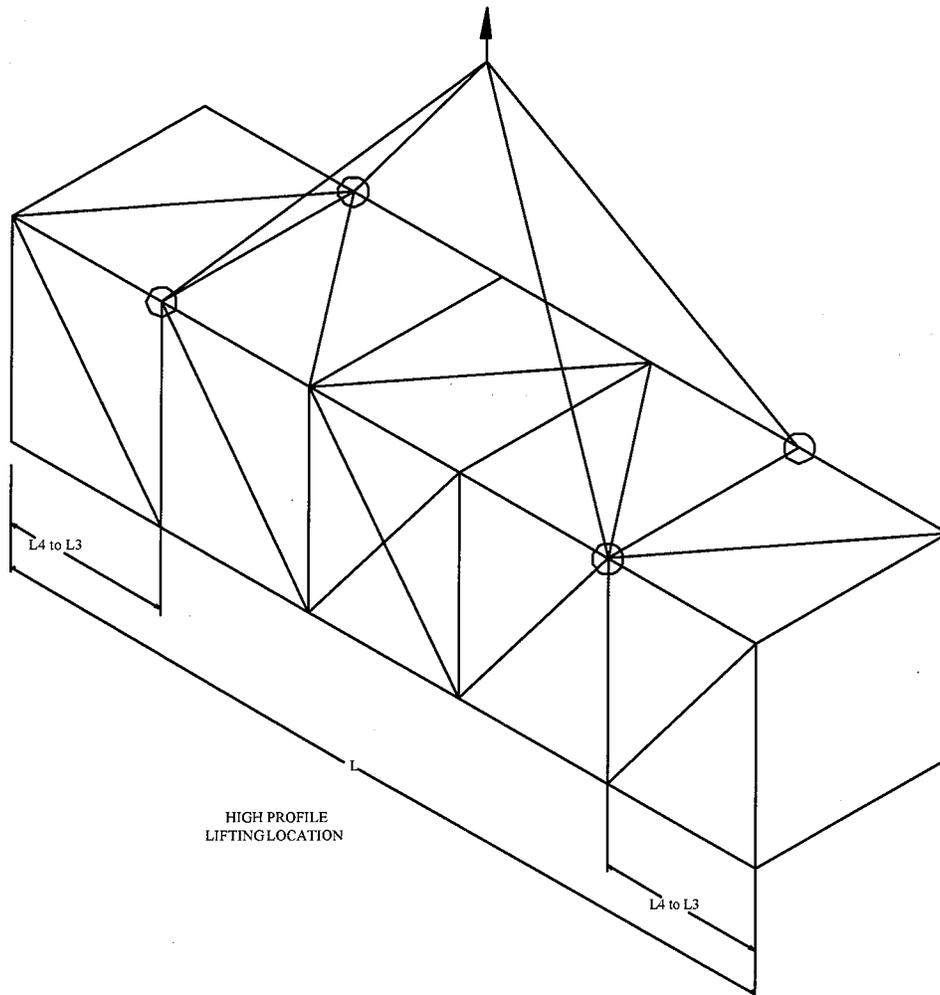
- Lifting from the bottom chord shall be accomplished by wrapping a choker, chain, cable, or sling around the bottom chord, vertical, and floor beam as shown below. In some instances particularly bridges with a concrete, asphalt, or open bar grating deck, it may be necessary to wrap only around the vertical and diagonal. If this is the situation, care should be taken to stay as close to the bottom chord as possible.



APPENDIX C

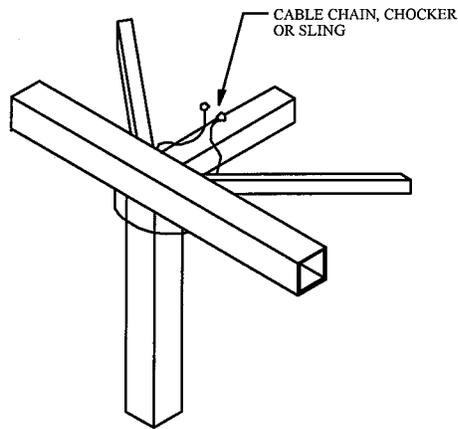
B) High Profile Bridges

- The easiest way to lift this type of bridge is from the top chord.
- Use four lifting points. It is recommended to lift from the points that are a distance approximately to 1/3 of the span length from the end of the bridge.



APPENDIX C

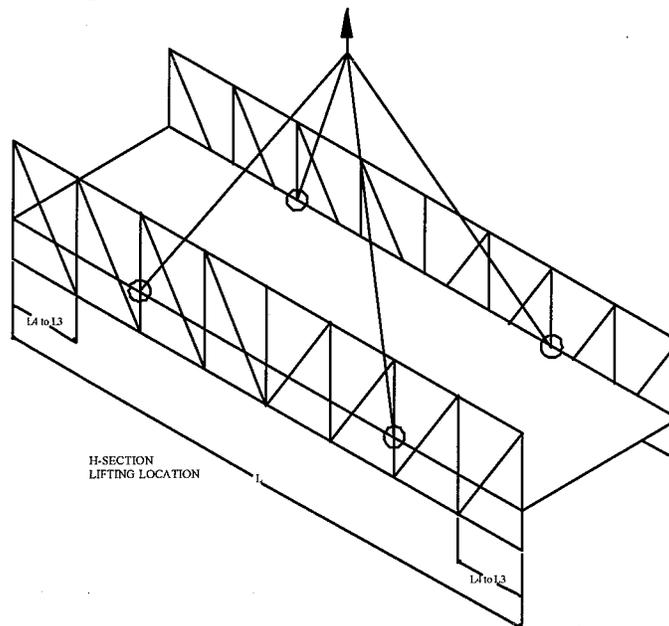
- Lifting from the top chord shall be accomplished by wrapping a choker chain, cable, or sling around the top chord at the intersection of the vertical, strut and brace diagonals. This is illustrated below.



RECOMMENDED FOR HIGH PROFILE

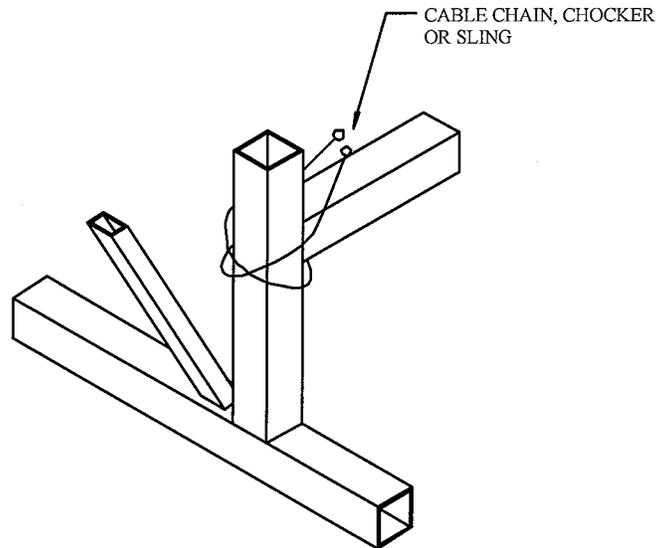
C) H-Section Bridges

- Lift only from the floor beam. Lifting from the top chord is prohibited.
- Use a minimum of four lifting points. It is recommended to lift from points that are at distances approximately $1/4$ to $1/3$ of the span length from the end of the bridge. Lifting may also be done from the base plates that are welded to the end of the bridge. With some small bridges, only two different points may be used by balancing the bridge at its centerpoint. Lifting must still occur from the floor beam.



APPENDIX C

- Lifting from the floor beam shall be accomplished by wrapping a choker, chain, cable, or sling around the floor beam and vertical as shown below.



RECOMMENDED FOR H-SECTION

5. When installing painted bridges, cautions should be used to prevent damage to the painted surface. It is recommended that padding be used to protect the paint. It is the contractor/installer/owner's responsibility to touch up all marred areas that have occurred during shipping and installation. A quantity of touch-up paint will be provided by Continental and shipped along with the bridge.
6. After placing the bridge onto the base plates, adjust the bridge position such that equal space is provided at each end of the bridge, or as shown on the shop drawings.
7. Bolt bridge to anchor bolts. Use one washer and two nuts for each anchor bolt. One end of the bridge shall be designated the fixed end and shall have both nuts installed tight. The opposite end, or the end with teflon, is the expansion end and shall have the first nut installed finger tight only and the second nut installed tight.

CITY OF DULUTH

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING DIVISION

CONSTRUCTION PLANS FOR:

CHESTER PARK PHASE 1 BRIDGE AND PLACEMENT OF EXISTING SKI TRAIL BRIDGE

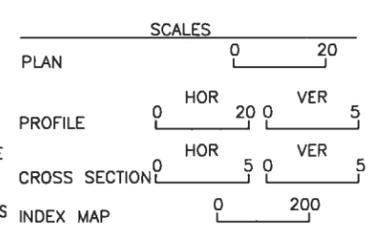
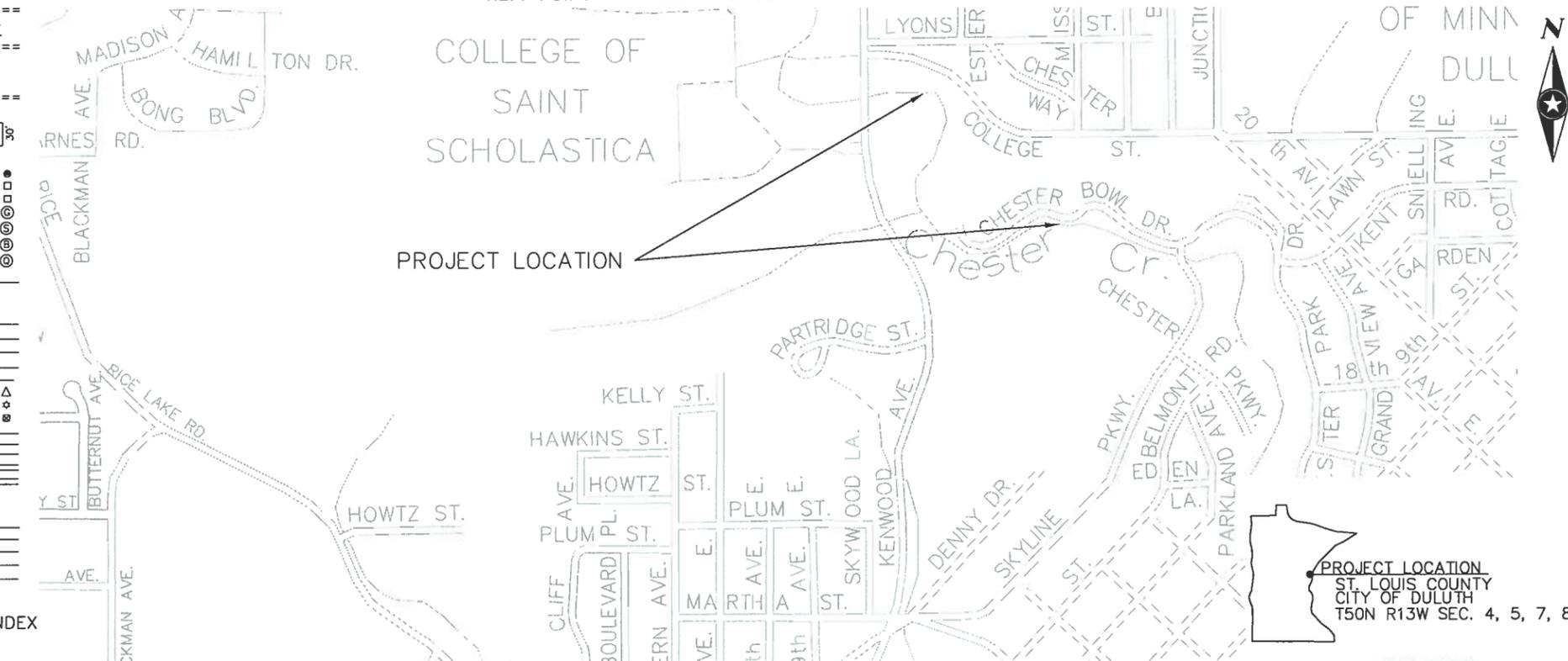
LOCATED NEAR: CHESTER PARK

FEMA NO. 305C/305D

CITY JOB NO. 1194/1171

CHESTER PARK SKI TRAIL BRIDGE		
GROSS LENGTH	FEET 0	MILES 0
BRIDGES-LENGTH	FEET 0	MILES 0
EXCEPTIONS	FEET 0	MILES 0
NET LENGTH	FEET 0	MILES 0
REF. POINT	0+00	

- PLANS SYMBOLS**
- STATE LINE
 - COUNTY LINE
 - TOWNSHIP OR RANGE LINE
 - SECTION LINE
 - QUARTER LINE
 - SIXTEENTH LINE
 - RIGHT-OF-WAY LINE
 - PRESENT RIGHT-OF-WAY LINE
 - CONTROL OF ACCESS LINE
 - PROPERTY LINE (Except Land Lines)
 - VACATED PLATTED PROPERTY
 - CORPORATE OR CITY LIMITS
 - TRUNK HIGHWAY CENTER LINE
 - RETAINING WALL
 - RAILROAD
 - RAILROAD RIGHT-OF-WAY LINE
 - RIVER OR CREEK
 - DRY RUN
 - DRAINAGE DITCH
 - DRAIN TILE
 - CULVERT
 - DROP RAILET
 - GUARD RAIL
 - BARBED WIRE FENCE
 - WOODEN WIRE FENCE
 - CHAIN LINK FENCE
 - RAILROAD SNOW FENCE
 - STONE WALL OR FENCE
 - HEDGE
 - RAILROAD CROSSING SIGN
 - RAILROAD CROSSING BELL
 - ELECTRIC WARNING SIGN
 - CROSSING GATE
 - MEANDER CORNER
 - SPRINGS
 - MARSH
 - TIMBER
 - ORCHARD
 - BRUSH
 - NURSERY
 - CATCH BASIN
 - FIRE HYDRANT
 - CATTLE GUARD
 - OVERPASS (Highway Over)
 - UNDERPASS (Highway Under)
 - BRIDGE
 - BUILDING (One Story Frame)
 - F-FRAME
 - S-STONE
 - B-BRICK
 - IRON PIPE OR ROD
 - MONUMENT (STONE, CONCRETE, OR METAL)
 - WOODEN HUB
 - GRAVEL PIT
 - SAND PIT
 - BORROW PIT
 - ROCK QUARRY
 - SLOPE EASEMENT
- UTILITIES SYMBOLS**
- POWER POLE LINE
 - TELEPHONE OR TELEGRAPH POLE LINE
 - JOINT TELEPHONE AND POWER ON POWER POLES
 - ANCHOR
 - STEEL TOWER
 - STREET LIGHT
 - PEDESTAL (TELEPHONE CABLE TERMINAL)
 - GAS MAIN
 - WATER LINE
 - CONDUIT
 - TELEPHONE CABLE IN CONDUIT
 - ELECTRIC CABLE IN CONDUIT
 - TELEPHONE MANHOLE
 - ELECTRIC MANHOLE
 - BURIED TELEPHONE CABLE
 - BURIED ELECTRIC CABLE
 - AERIAL TELEPHONE CABLE
 - SEWER (SANITARY OR STORM)
 - SEWER MANHOLE
- MANHOLE & CATCH BASIN INDEX**
- | | | | |
|----------|---------------------------|-----------|----------------------------|
| ICB 10 | INPLACE CATCH BASIN | PCB 110 | PROPOSED CATCH BASIN |
| IMH 25 | INPLACE DRAINAGE MANHOLE | PMH 225 | PROPOSED DRAINAGE MANHOLE |
| ISMH B | INPLACE SANITARY MANHOLE | PSMH B | PROPOSED SANITARY MANHOLE |
| TMH T2 | INPLACE TELEPHONE MANHOLE | TPMH T2 | PROPOSED TELEPHONE MANHOLE |
| WGMH W65 | INPLACE WATER/GAS MANHOLE | PWGMH W65 | PROPOSED WATER/GAS MANHOLE |



DESIGN DESIGNATION
FEMA NO. 305C/305D

PROJECT CHESTER PARK SKI BRIDGE
DESIGN SPEED PEDESTRIAN

BASED ON STOPPING SIGHT DISTANCE
HEIGHT OF EYE = 4.5 FT.
HEIGHT OF OBJECT = 0.0 FT.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."



MINN. PROJ. NO.

GOVERNING SPECIFICATIONS

THE 2005 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

THE 2011 EDITION OF THE CITY OF DULUTH PUBLIC WORKS AND UTILITIES DEPARTMENT STANDARD CONSTRUCTION SPECIFICATIONS AND ALL AMENDMENTS SHALL APPLY.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE LATEST EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATED QUANTITIES AND LOCATION MAP
3	PHASE 1 BRIDGE LOCATION
4	ERECT PEDESTRIAN BRIDGE LOCATION
B1-B2	ERECT PEDESTRIAN BRIDGE PLAN

THIS PLAN CONTAINS 6 SHEETS

I HEREBY CERTIFY THAT THIS PLAN 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.

MATTHEW J. BOFF
PROJECT ENGINEER (TYPED OR PRINTED NAME)

[Signature] 10/18/12 43913
PROJECT ENGINEER DATE REG. NO.

APPROVED *[Signature]* 10/19/12 DATE
CHIEF ENGINEER OF TRANSPORTATION

APPROVED *[Signature]* 10/19/12 DATE
CHIEF ENGINEER OF UTILITIES

APPROVED *[Signature]* 10/19/12 DATE
CITY ENGINEER



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LOCATION MAP

STATEMENT OF ESTIMATED QUANTITIES							
NOTE	ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITIES	CHESTER PARK SKI TRAIL BRIDGE 2	PHASE 1 BRIDGE	
	2021.501	MOBILIZATION	LUMP SUM	1	0.5	0.5	
	2100.601	PHASE 1 BRIDGE	LUMP SUM	1		1	
2	2100.601	ERECT PEDESTRIAN BRIDGE (SUPERSTRUCTURE)	LUMP SUM	1	1		
	2104.601	REMOVE PHASE 1 BRIDGE	LUMP SUM	1		1	
	2401.501	STRUCTURAL CONCRETE (1A43)	(P) CU YD	7	7		
	2401.501	STRUCTURAL CONCRETE (3Y43)	(P) CU YD	21	21		
	2401.541	REINFORCEMENT BARS	(P) POUND	2650	2650		
	2401.601	STRUCTURE EXCAVATION	LUMP SUM	1	1		
	2401.601	SLOPE PREPARATION	(P) LUMP SUM	1	1		
	2402.521	STRUCTURAL STEEL (3306)	(P) POUND	30	30		
	2511.501	RANDOM RIPRAP CLASS III	(P) CU YD	20	20		
	2511.511	GRANULAR FILTER	(P) CU YD	5	5		
	2563.601	TRAFFIC CONTROL	LUMP SUM	1	0.5	0.5	
	2573.602	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EACH	1	1		
1	2575.555	TURF ESTABLISHMENT	LUMP SUM	1	0.5	0.5	

NOTES:

1	INCLUDES RESTORATION OF ALL DISTURBED AREAS. SOCCER FIELD RESTORATION SHALL INCLUDE FERTILIZER TYPE 3 (300LBS/ACRE), MULCH TYPE 3 (2 TONS/ACRE), AND SEED MIXTURE 250 (70LBS/ACRE).
2	PLACEMENT OF CLASS 5 TO RE-ESTABLISH TRAIL GRADE TO BRIDGE DECK IS INCIDENTAL.

EXISTING UTILITIES

COMPANY	SERVICE
MINNESOTA POWER	ELECTRIC POWER
CENTURY LINK	TELEPHONE
CITY OF DULUTH	STREET LIGHTS, WATER, GAS, SANITARY SEWER AND STORM SEWER
CHARTER COMMUNICATIONS	CABLE TV
GOPHER STATE ONE CALL	LOCATORS
DULUTH NORTHSORE SANITARY DISTRICT	SANITARY SEWER



S:\AE\121821\121821-5-final-dgn\51-drawings\10-Civil\loc\dwg\pinata\DU121821EQ.dwg 10/18/2012 10:24 AM aorleskle

DRAWN BY: ACO			
DESIGNER: MJB			
CHECKED BY: MJB			
DESIGN TEAM	NO.	BY	DATE
			REVISIONS

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Matthew J. Balf
 Matthew J. Balf, P.E.
 Date: 10/17/12 Lic. No. 43913

SEH
 PHONE: 218.279.3000
 418 W SUPERIOR ST STE 200
 DULUTH, MN 55802-1512
 www.sehinc.com

DULUTH, MINNESOTA
 CITY PROJ. NO. 1171/1194
 CITY FLOOD SITE NO.
 305C/305D

STATEMENT OF
 ESTIMATED QUANTITIES

FILE NO.
 DULUT 121822

2
 6



CLASS 5 FOR TRAIL ESTABLISHMENT

ERECT PEDESTRIAN BRIDGE (SUPER STRUCTURE)

CLASS 5 FOR TRAIL ESTABLISHMENT

NEW ABUTMENT

NEW ABUTMENT

S:\AEV\DLut\121822\5-final-dsgn\51-drawings\10-Civil\cod\dwg\pinaha\DU121822 - Lower Bridge.dwg 10/17/2012 11:10 AM

DRAWN BY: ACO
 DESIGNER: MJB
 CHECKED BY: MJB

DESIGN TEAM	NO.	BY	DATE

REVISIONS

I HEREBY CERTIFY THAT THIS PLAN 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.

Matthew J. Bolz
 Matthew J. Bolz, P.E.
 Lic. No. 43913

Date: 10/17/12

SEH
 PHONE: 218.279.3000
 418 W SUPERIOR ST STE 200
 DULUTH, MN 55802-1512
 www.sehinc.com

DULUTH, MINNESOTA
 CITY PROJ. NO. 1194
 FEMA NO. 305C

CHESTER PARK
 ERECT PEDESTRIAN BRIDGE
 (SUPER STRUCTURE)

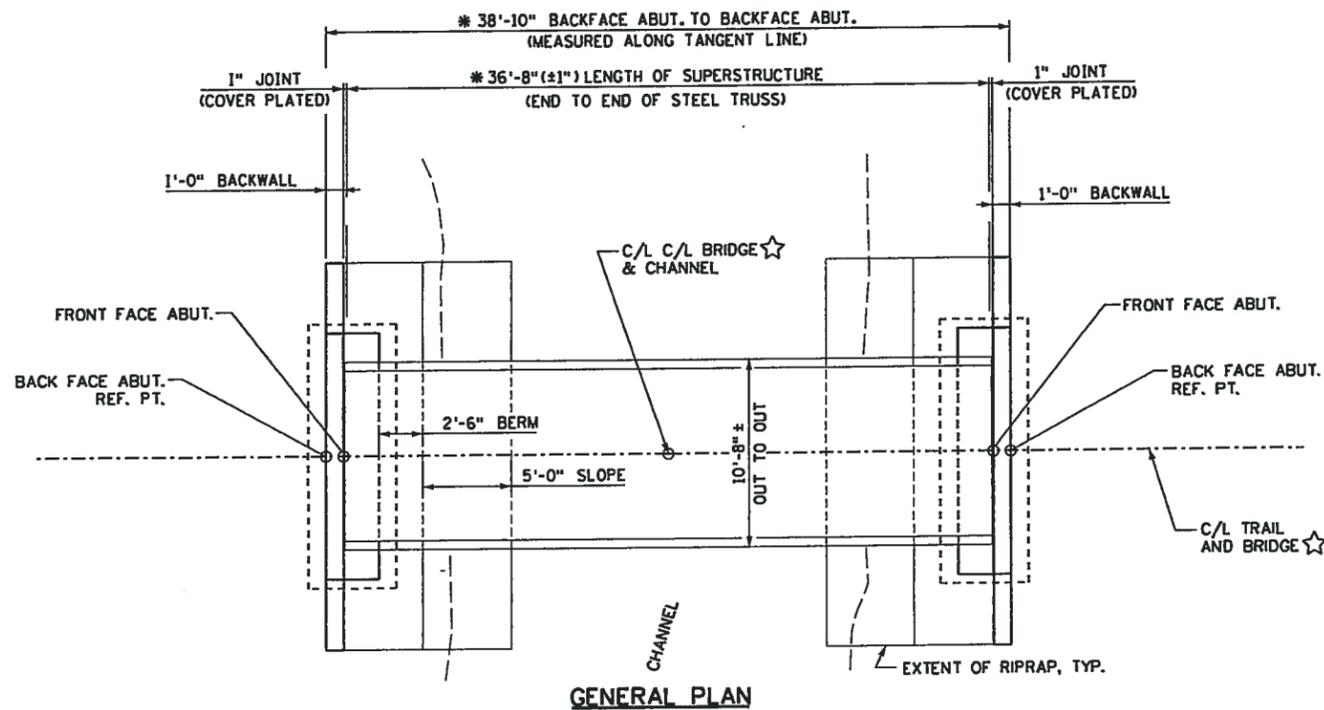
FILE NO.
 DULUT 121822

4
 6

9:10:15 AM

10/12/2012

S:\A\A\Drawings\121822-5-final-dwg\51-drawings\20-Struct\bridge_3\121822_br3_gpt1.dgn



★ EXISTING TRUSS AVAILABLE ON SITE. TEMPORARILY MOVE BRIDGE 20'. BUILD TWO NEW ABUTMENTS THEN RESET EXIST. TRUSS TO NEW ABUTMENTS.

ORIENTATE THE BRIDGE IN SAME LOCATION AS IT WAS PREVIOUSLY.

LOCATION AND ELEVATION OF BRIDGE DECK TO BE DETERMINED BY OWNER.

NOTE:

* CONTRACTOR TO VERIFY DIMENSIONS OF EXISTING TRUSS BEFORE CONSTRUCTION OF THE ABUTMENTS.

REF. PT. = REFERENCE POINT AT BACK FACE ABUTMENT.

ABUTMENTS ARE IDENTICAL IN ELEVATION AND AS SHOWN OR NOTED OTHERWISE.

SEE SPECS FOR TRAIL APPROACH GRADING AND BACKFILL REQUIREMENTS.

DESIGN DATA

2012 (AND CURRENT INTERIM) AASHTO LRFD DESIGN SPECIFICATIONS AND THE 2009 GUIDE SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGES.

MAXIMUM ALLOWABLE DESIGN STRESSES:
 REINFORCED CONCRETE:
 $f'_c = 4000 \text{ PSI}, n=8$
 $f_y = 60000 \text{ PSI}$ FOR REINFORCEMENT, GRADE 60 (UNCOATED)

DESIGN SPEED = 20 MPH
 DECK AREA = 367 SF

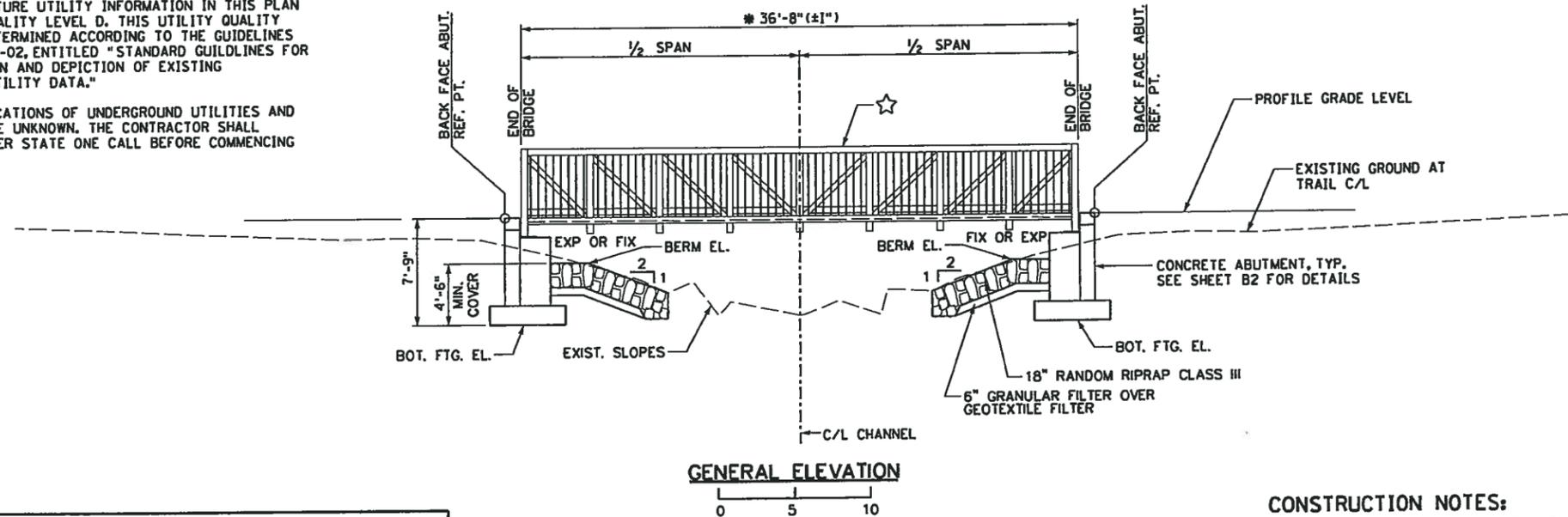
LIST OF SHEETS

NO	DESCRIPTION
B1	GENERAL PLAN & ELEVATION
B2	ABUTMENT DETAILS

NOTE:
 THE SUBSTRUCTURE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

THE EXACT LOCATIONS OF UNDERGROUND UTILITIES AND PIPE LINES ARE UNKNOWN. THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL BEFORE COMMENCING EXCAVATION.

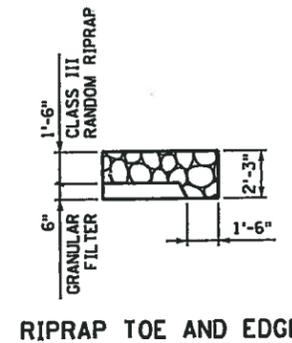
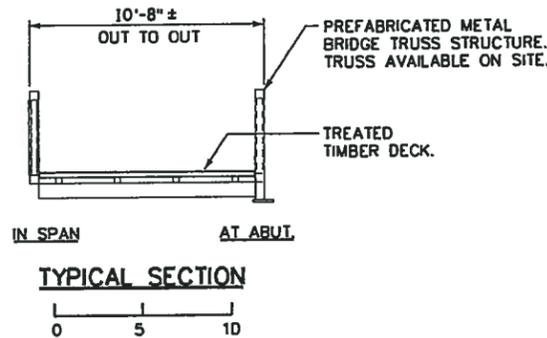
FOUNDATION DATA:
 SPREAD FOOTING ON MEDIUM DENSE GRAVEL/SAND.
 2.5 KSF ALLOWABLE BEARING CAPACITY (MIN.)



SCHEDULE OF QUANTITIES FOR ENTIRE BRIDGE

ITEM NO	ITEM	UNIT	QUANTITY
2100.601	ERECT PEDESTRIAN BRIDGE (SUPERSTRUCTURE)	LUMP SUM	1
2401.501	STRUCTURAL CONCRETE (1A43)	CU. YD.	7 (P)
2401.501	STRUCTURAL CONCRETE (3Y43)	CU. YD.	21 (P)
2401.541	REINFORCEMENT BARS	POUND	2650 (P)
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1
2401.601	SLOPE PREPARATION	LUMP SUM	1 (P)
2402.521	STRUCTURAL STEEL (3306)	POUND	30 (P)
2511.501	RANDOM RIPRAP CLASS III	CU. YD.	20 (P)
2511.511	GRANULAR FILTER	CU. YD.	5 (P)

① ANCHOR BOLTS, NUTS & WASHERS ONLY.
 ② SEE SPECIAL PROVISIONS.



CONSTRUCTION NOTES:
 THE 2005 EDITION OF THE MN/DOT "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

THE FIRST TWO DIGITS OF EACH BAR MARK INDICATE THE BAR SIZE.

THE BARS MARKED WITH THE SUFFIX "E" SHALL BE EPOXY COATED.

DRAWINGS ARE NOT TO BE SCALED.

BRIDGE SEAT REINFORCEMENT SHALL BE CAREFULLY PLACED TO AVOID INTERFERENCE WITH DRILLING HOLES FOR ANCHOR RODS. THE SUPERSTRUCTURE SHALL BE ERECTED IN FINAL POSITION PRIOR TO DRILLING HOLES FOR AND PLACING ANCHOR BOLTS.

APPROACH FILL AND ROUGH GRADING PROVIDED UNDER GRADING PORTION OF CONTRACT. RESTORATION OF SIDE SLOPES SHALL BE INCLUDED IN PRICE BID FOR STRUCTURE EXCAVATION. FORESLOPE SHALL BE PLACED AND COMPACTED IN SUBSTANTIAL CONFORMANCE WITH ITS FINAL SHAPE BEFORE ABUTMENT IS BACKFILLED.

SEH 3535 VADNAIS CENTER DRIVE
 ST PAUL, MN 5510
 PHONE (651) 490-2000
 FAX (651) 490-2150

I HEREBY CERTIFY THAT SHEETS B1 THROUGH B6 WERE 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.

SIGNED: *Nathan C. Klopp*
 NATHAN C. KLOPP
 DATE: 10-12-2012 REG. NO. 43835

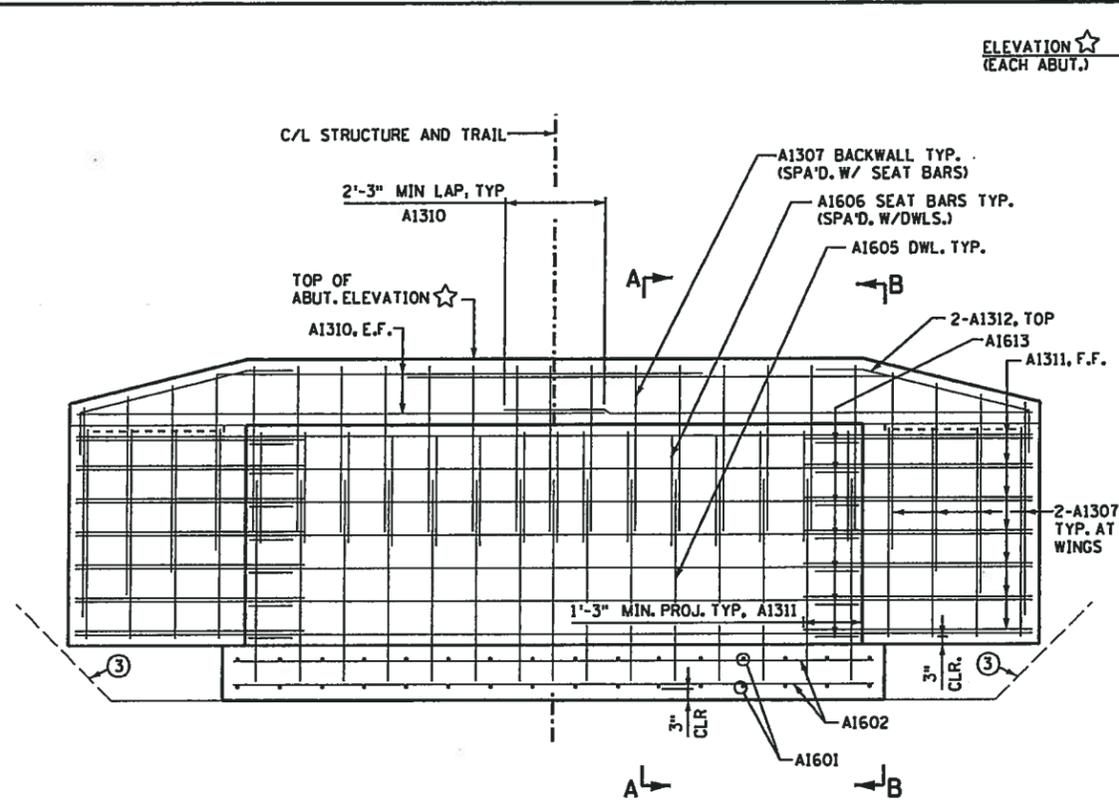
MINNESOTA DEPARTMENT OF TRANSPORTATION
TRAIL BRIDGE NO. 3
 CHESTER PARK UPPER SKI TRAIL BRIDGE OVER CHESTER CREEK
 LOCATED IN CHESTER PARK BETWEEN SKYLINE AVENUE AND KENWOOD AVENUE

A SINGLE-SPAN PREFABRICATED STEEL TRUSS
 36'-8" LONG X 10'-0" CLEAR WIDTH, 0° SKEW

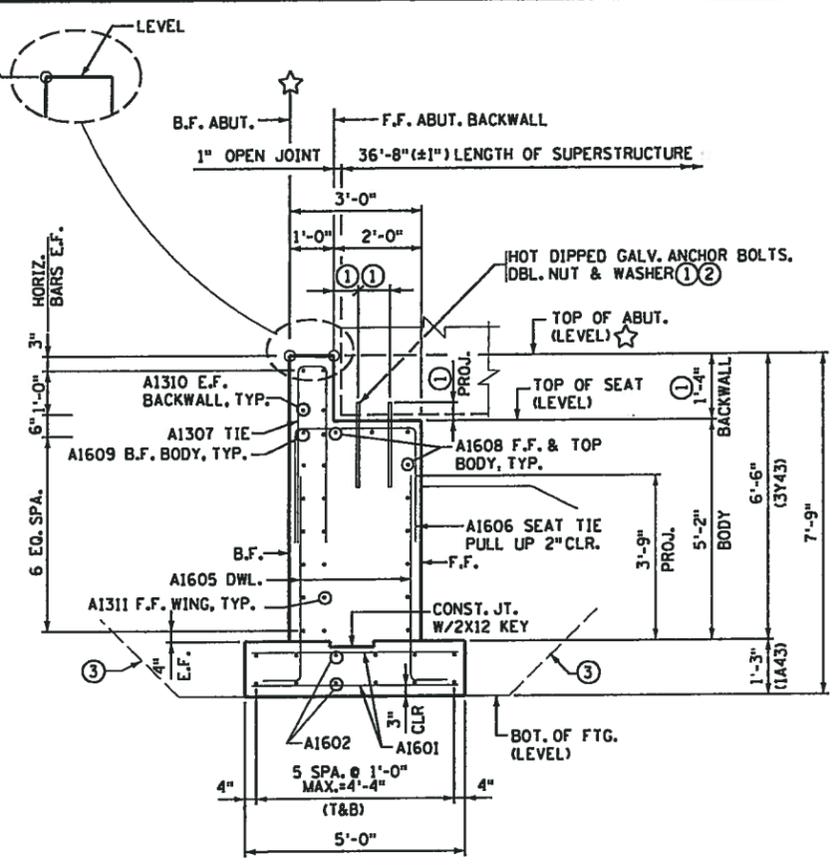
IDENTIFICATION NO 302
GENERAL PLAN & ELEVATION
 SEC 15 TWP 50 N R 14 W
 CITY OF DULUTH ST. LOUIS COUNTY

DES: JAJ DR: DLF
 CHK: NCK CHK: NCK **NO. 3**

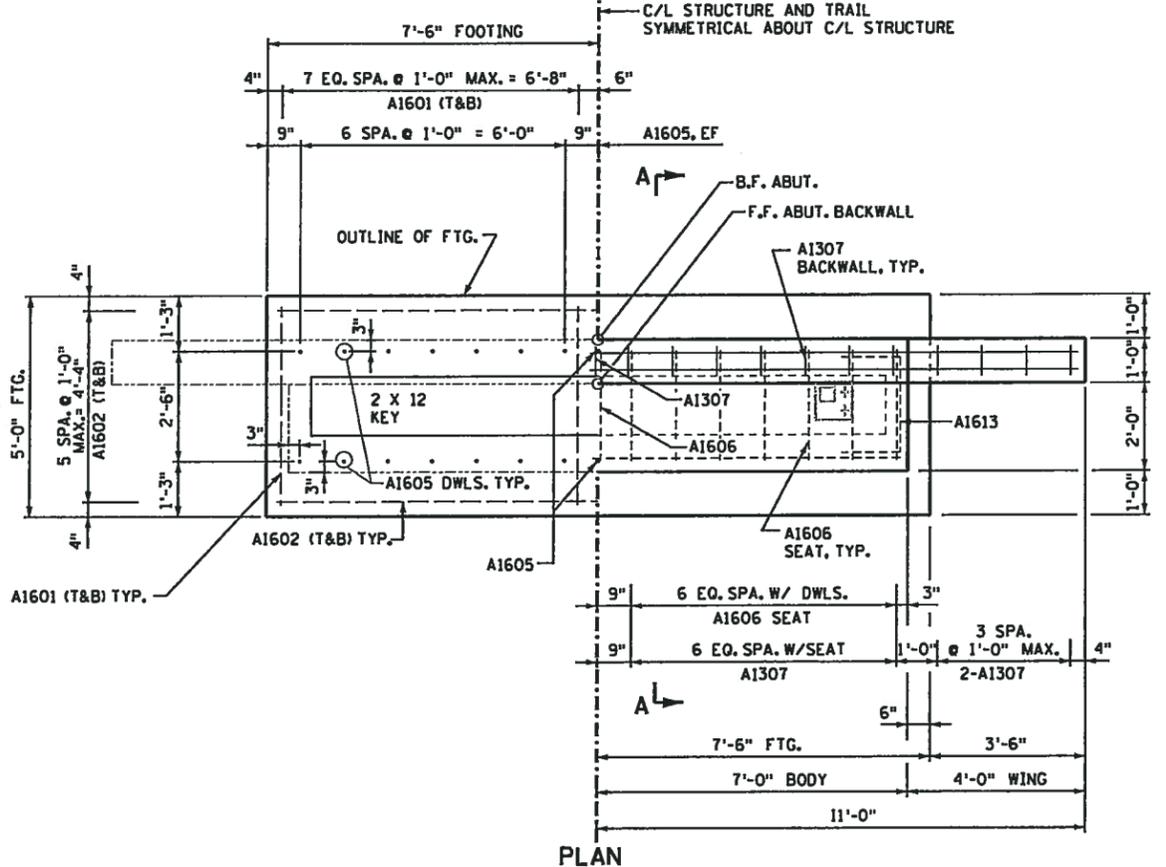
9:11:18 AM
 10/12/2012
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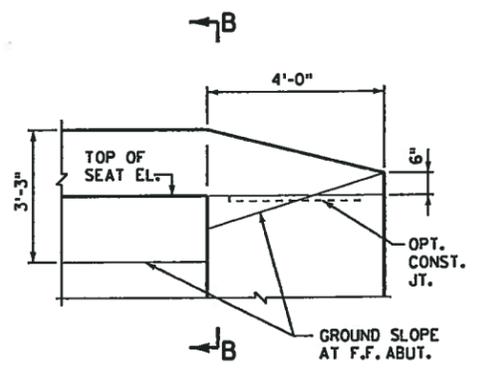
ELEVATION



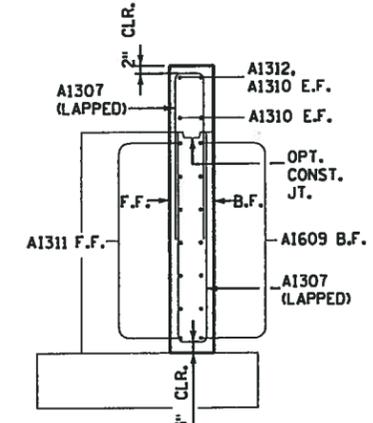
SECTION A-A



PLAN



PARTIAL WING ELEVATION



SECTION B-B

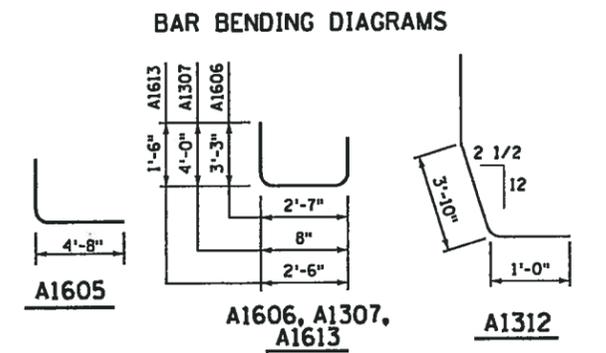
ABUTMENTS SPREAD FOOTING LOAD DATA	
* FACTORED DESIGN BEARING PRESSURE	2.47 KSF
EFFECTIVE WIDTH B'	5 FT.
SERVICE BEARING RESISTANCE	2.5 KSF

* BASED ON SERVICE I LOAD COMBINATION.

ABUTMENT REINFORCEMENT				
BAR QUANTITY SHOWN IS THE TOTAL FOR TWO ABUTMENTS				
BAR MARK	NO. OF BARS	LENGTH	SHAPE	LOCATION
UNCOATED BARS				
A1601	64	4'-6"	STR	TRANSV. FOOTING
A1602	24	14'-6"	STR	LONGIT. FOOTING
A...03	NOT USED			
A...04	NOT USED			
A1605	60	5'-6"	BENT	FOOTING DOWEL
A1606	30	9'-1"	BENT	SEAT
A1307	62	8'-8"	BENT	TIES
A1608	18	13'-8"	STR	HORIZ. BODY
A1609	14	21'-8"	STR	HORIZ. B.F.
A1310	16	13'-0"	STR	HORIZ. WING
A1311	28	5'-3"	STR	HORIZ. WING F.F.
A1312	8	6'-3"	BENT	HORIZ. TOP
A1613	28	5'-6"	BENT	HORIZ. BODY

DESIGN AND FOUNDATION DATA:
SEE SHEET 1 FOR INFORMATION.

- NOTES:**
- ☆ ABUTMENTS ARE IDENTICAL IN ELEVATION AND AS SHOWN OR NOTED OTHERWISE. ORIENTATE THE BRIDGE IN SAME LOCATION AS IT WAS PREVIOUSLY.
 - SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS NOT SPECIFICALLY CALLED OUT IN PLANS.
 - SEE SHEET 1 FOR ABUTMENT QUANTITIES.
 - PROVIDE 2" COVER OVER REINFORCEMENT UNLESS SHOWN OTHERWISE.
 - PROVIDE 3/4" CHAMFER ON ALL ABOVE GRADE CORNERS.
 - ① EXISTING TRUSS AVAILABLE ON SITE. CONTRACTOR TO VERIFY DIMENSIONS OF THE EXISTING TRUSS BEFORE CONSTRUCTION OF THE NEW ABUTMENTS. ADJUST SEAT ELEVATION TO ACCOMMODATE TRUSS.
 - ② INCLUDED IN PRICE BID FOR ITEM 2402.521 "STRUCTURE STEEL (3306)". GALVANIZED ANCHOR BOLTS, NUTS AND WASHERS PER MNDOT SPEC 3392. THE ANCHOR SIZE AND LOCATION AND DIMENSION SHALL BE THE EQUAL TO EXISTING TRUSS ANCHORS ON SITE. EXISTING ANCHOR BOLTS MAY BE SALVAGED AND REUSED PROVIDED THEY ARE IN GOOD CONDITION AND ACCEPTABLE TO THE ENGINEER.
 - ③ BACKFILL AND COMPACT WITH NATIVE GRAVEL/SAND.
 - ④ SEAT MAY VARY 0'-6" ABOVE OR BELOW DIMENSION SHOWN BASED ON ACTUAL DIMENSION OF THE EXISTING TRUSS ON SITE. CONTRACTOR TO VERIFY.
- F.F.=FRONT FACE
B.F.=BACK FACE
E.F.=EACH FACE
T = TOP
B = BOTTOM



BAR BENDING DIAGRAMS

NOTE:
BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. ACTUAL BAR LENGTHS SHALL BE DETERMINED BASED ON DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS. TOTAL BAR LENGTHS SHOWN ARE FOR USE IN COMPUTING REINFORCEMENT BAR WEIGHTS FOR PAYMENT ONLY.

3535 VADNAIS CENTER DRIVE
 ST PAUL, MN 55110
 PHONE (651) 490-2000
 FAX (651) 490-2150

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: *Nathan C. Klapp* Date: 10/12/2012
 Printed Name: NATHAN C. KLOPP Reg. No. 43836

TITLE: **ABUTMENT DETAILS**

DES: JAJ	DR: DLF	APPROVED:	BRIDGE NO NO. 3
CHK: NCK	CHK: NCK		
SHEET NO B2 OF B2 SHEETS			