REQUEST FOR QUALIFICATIONS

RFQ-JN-15-24

Submittal Due Date: THURSDAY, SEPTEMBER 17, 2015 BY 4:00 PM our clock

STRUCTURAL ENGINEERING SERVICES for BRIDGE REHABILITATION

SEALED SUBMITTALS MUST BE MAILED OR DELIVERED TO:

City of Wheat Ridge Municipal Building
Attention: Jennifer Nellis, CPPB
BID - Purchasing & Contracting Division
7500 W 29th Avenue
Wheat Ridge, CO 80033
Phone: 303-235-2811 Fax: 303-234-5924

DOCUMENTS PREPARED BY:
PUBLIC WORKS DEPARTMENT
Engineering Division
PURCHASING & CONTRACTING DIVISION

IMPORTANT: PLEASE READ ENTIRE DOCUMENT
Per the attached specifications, terms and conditions.

PLEASE DO NOT REMOVE ANY PAGES FROM THIS BID DOCUMENT

CITY OF WHEAT RIDGE
ADVERTISEMENT
RFQ-JN-15-24

Project Overview/Scope: The City of Wheat Ridge seeks a qualified firm or team to provide structural engineering consulting services for three bridge rehabilitation projects including bridge joint replacement for one bridge and need assessment for approach and bridge rail replacements on three bridges.

Point of Contact: Jennifer Nellis, Purchasing Agent, jnellis@ci.wheatridge.co.us or phone 303-235-2811. Do not contact the requesting department or the evaluation committee.

Minimum Requirements: Awarded professional must have a valid City of Wheat Ridge Business/Use Tax license(s) prior to starting the project. This project requires compliance with the "Illegal Alien" Provisions of CRS8-17.5-101, as well as insurance coverage. Respondents must be currently pre-qualified with the Colorado Department of Transportation for Bridge Inspection (BI) and Bridge Design (BR).

Disadvantaged Business Enterprises: Disadvantaged business enterprises are afforded full opportunity to submit qualifications and will not be discriminated against on the grounds of race, color or national origin in consideration for award.

Deadline for Questions: September 9, 2015 by noon.

Qualification Submittals Due: THURSDAY, SEPTEMBER 17, 2015 BY 4:00 PM OUR CLOCK. THERE IS NO PUBLIC OPENING. It is the responsibility of the proposer to ensure the qualifications submittal is received in the Purchasing Office on or before the due date and time.

Submit to: City of Wheat Ridge Municipal Building, **BID** - Purchasing & Contracting Division
Attn: Jennifer Nellis, CPPB
7500 W 29th Avenue
Wheat Ridge, CO 80033

The City only accepts submittals in hard copy format. Fax, email or other electronic means are not acceptable. Sealed submittals must include: (1) marked "Original" and (4) copies for a total of 5 complete sets.

Mark Envelopes: RFQ-JN-15-24 STRUCTURAL ENGINEERING SERVICES for BRIDGE REHABILITATION

Comments: All submittals must be sealed and shall be validated. No submittals will be accepted after the due date and time, regardless of postmark. Submittals received after the due opening time will be filed unopened. The City of Wheat Ridge reserves the right to shortlist firms that it deems are in the best interest of the City based solely on qualifications.

RFQ Documents: Available on the RMEPS a division of BIDNET www.govbids.com or call 1-800-677-1997 x 214 or visit the City Website for project documents and updates: www.ci.wheatridge.co.us

Jennifer Nellis, Purchasing Agent

Publish Dates:
Daily Journal August 24 and August 31, 2015

RMEPS August 24, 2015

RFQ-JN-15-24
PROPOSAL REQUIREMENTS/SELECTION CRITERIA
STRUCTURAL ENGINEERING SERVICES
for BRIDGE REHABILITATION

I. INTRODUCTION

A. General

The City of Wheat Ridge (the "City") is located in the northwest area of Denver metropolitan area just west of downtown Denver. The City's area consists of about nine square miles of rolling land adjacent to Interstate 70 transportation corridor between Denver and the Rocky Mountains. The topography is somewhat unique, with a natural ridge traversing the City. The City is a suburban community of approximately 31,000 residents. The City is a home-rule municipality with eight council members, city manager, and mayor form of government.

B. Background

The City has previously requested proposals from our on-call architects and engineers for a limited scope version of the necessary services. The scope of services identified was not feasible given the budgetary restrictions of the on-call awards.

C. Objectives

The objective of this RFQ is to contract with one firm or team of engineers pre-qualified with the Colorado Department of Transportation in Bridge Inspection (BI) and Bridge Design (BR) as shown on the list dated June 4, 2015, or more recent. The project is expected to start in November 2015 and to be completed within 90 days following the notice to proceed. This design phase schedule, including preparation of construction drawings and specifications, is tight so that construction can be completed by the spring of 2016.

II. STATEMENT OF WORK SUMMARY

The City has three bridges that require joint repair and/or approach and bridge rail updating based on their bridge inspection reports. The City of Wheat Ridge would like to replace the joints on the Marshall Street Bridge (WRTE-04-0.29-01) this year and investigate the cost and need for approach and bridge rail replacement on this bridge and two others (WRTE-1-0.79-01A Youngfield) & (WTRE-03-0.71.01 44th Ave).

The Consultant will make available the necessary resources to support the City. The Consultant will provide consulting and professional services through its own forces. The Consultant will, under the general direction of the Field Supervisor, or his designated representative, furnish experienced, professional personnel who shall function as if they were an extension of City staff, while nonetheless remaining exclusively the employees of the consultant, an independent contractor, or supply the necessary Services to supplement City staff as needed.

1. Consultant Services – The following activities may be issued to the Consultant as part of this Agreement:
   a. Bridge Joints – Advise City staff in the selection of a design to replace or repair the bridge joints on structure WTRE-04-0.29-01.
   b. Bridge Rail – Advise City staff in the selection of a design to replace or retrofit the bridge railing on all three bridges. The Consultant shall provide one or more written recommendations and cost estimates for replacement or retrofit options.
   c. Approach Railing – Advise City staff in the selection of a design to replace or retrofit the approach bridge railing on all three bridges. The Consultant shall provide one or more written recommendations and cost estimates for replacement or retrofit options.
   d. Construction Plans and Documents – Prepare the construction drawings and specifications for the bridge joint project on structure WTRE-04-0.29-01.
   e. Bidding – Consultant will assist in addressing questions during the bidding of the project.
   f. Construction – Consultant will assist in addressing questions during the construction phase of the project.

2. City Staff – The following activities are expected to be done by City staff:
   a. Project Plans – City staff will review the construction drawings and specifications.
   b. Bidding – City staff will advertise, bid, and select a contractor to complete the work.
   c. Construction –City staff will oversee the inspection and project management of the construction.

3. Attachments – The Colorado Department of Transportation Structure Inspection and Inventory Reports are provided for all three bridges as attachments to this Request for Qualifications, along with a map showing the locations of those structures.

General Requirements

This Section contains general requirements that will be necessary to provide the Services required in a City Public Works Project. Other requirements may be included in a specific Public Works Project.

1. Document Format Requirements and Document Control

All documentation prepared by the Consultant shall be in written text to include, but not be limited to, manuals, plans, correspondence, drawings, graphs, charts, illustrations, etc. The deliverable media shall be standard 8.5 x 11 inch bound text documents, standard 24 x 36-inch drawings and half size 11 x 17-inch drawings. All documentation shall be written to industry standards, indexed, complete, accurate, legible and subject to review and approval by the City.

The Consultant shall be required to provide complete security and confidentiality for all data and information. Data and information shall not be released without specific City authorization. Requests for release of any public information shall be referred to the City.

All information and documentation prepared by the Consultant shall be owned by the City for full City use and shall be surrendered to the City when requested.

2. Standard Computer Applications

All documents submitted by the Consultant shall also be provided in an electronic format acceptable to the City. The Consultant shall maintain compatibility with City applications and operating systems, logical electronic filing system and electronic files of all documents produced and provide such files to the City, when requested.

Currently the City has recognized the following applications as standard for City work and submissions:

Operating Environment	Microsoft Windows 7/8
Word Processing - WORD	Microsoft Office 2010/2013
Spreadsheet - EXCEL	Microsoft Office 2010/2013
Database - ACCESS	Microsoft Office 2010/2013
Project Management -PROJECT	Microsoft Office 2010/2013
GIS	Arc/ Info v9.2
Drafting	AutoCAD 2011/2013

The City may upgrade these applications throughout the term of the Agreement and the Consultant will be required to be compatible with City applications at all times at no additional charge to the City. The City will provide the Consultant with sufficient prior notice of upgrades to allow the Consultant to become compatible when required. Reformatting of documents previously delivered to the City will not be required unless Consultant is paid for such reformatting.

3. Office Space

The Consultant may be provided office space at City Facilities for Services under this Agreement. The Consultant may be required to share the space with other City contractors or consultants.

III. SELECTION PROCESS AND EVALUATION CRITERIA

The selection committee may make a selection based on the qualification submittals received or may choose to "short list" prospective firms for further negotiations. The selection process may involve two stages:

1) Written submittals will be evaluated and scored,
2) Oral interviews with the highest-ranking firms, if requested, and consideration of proposed fee schedules.

Elements that will be considered by the panel when scoring your submittal:

A. Submittal Requirements

Submittal Due Date: September 17, 2015 by 4:00 PM (Local Time)

Firms are scored on their past experience for the type of work involved. **Firms are not to submit fee proposals in their initial submittal**. Submittals should be formatted to correspond exactly to the following information requirements. Clear and concise responses are appreciated. The total all-inclusive page limit is 75 pages letter size.

If you would like to incorporate the City marketing logo or City seal on your information, please contact Jayme McRimmon via email: jmcrimmo@ci.wheatridge.co.us.

The awarded firm must be willing to enter into an Agreement with the City of Wheat Ridge substantially in the form as attached.

Submit the following information in your proposal in this order, and follow the evaluation criteria listed below:

Signature Page, Forms, Insurance Requirements

a Complete and sign, "Proposer Information and Addendum Acknowledgement" aka Signature Page
b Illegal Alien Form
c Non-Discrimination Assurance Form
d Provide a statement agreeing to provide and maintain insurance per the agreement requirements
e Proof of Pre-qualification by CDOT for Bridge Inspection (BI) and Bridge Design (BR).

B. Selection Process

1. Firm Capabilities and Past Performance (35% of Total Score)

a. Qualifications and capabilities of firm.
b. Experience in working with government agencies.
c. Experience overseeing and coordinating multiple concurrent projects.
d. List a minimum of five similar projects, completed by the qualifying firm or team, which have been completed within the past (5) five years. Include information regarding any sub-consultants that will be used for this project. Include: project name, owner, fees earned, projected completion date, actual completion date, over/under budget %, and summary of work.

2. Personnel (30% of Total Score)

a. Experience of the project manager, key staff with projects requiring Structural Engineering, Bridge Design and Bridge Inspection Services. Include resumes and qualifications of staff that are to be assigned to work on these Wheat Ridge projects if awarded.
b. Experience with projects for public clients including familiarity with governmental decision-making and review process.
c. Provide project references specific to the project manager: Include the name and current telephone number of the Owner's project manager for every project listed, total dollar amount and brief summary of work performed including completion dates.

3. **Project Approach (20% of Total Score)**

   a. Identify any foreseeable problems in the implementation of the program.
   b. Describe how the objectives identified will be achieved.
   c. Demonstrate your understanding of the technical requirements.
   d. Discuss quality control methodology, including adherence to State and local procedures, construction documentation coordination and completion, and assurance of construction quality.
   e. Discuss cost control methodology, including estimates of probable cost within the owner's established budget and coordination of value engineering activities.

4. **Schedule (5% of Total Score)**

   a. Demonstrate the ability of the Consultant's personnel to manage the expedited schedule.
   b. Provide information on the current and projected workload for the next six (6) months for assigned personnel.

5. **Location (5% of Total Score)**

   a. Proximity of firm's office.
   b. Firm's familiarity with the project area and local construction market.

Short-listed firms may be invited to an interview, and/or requested to provide a (sealed) fee proposal. The City reserves the option to enter negotiations with the top-ranked firm/team following the qualifications submittal review, without conducting interviews, if in the best interest of the City.

V. ANTICIPATED SCHEDULE OF EVENTS

All times are local and by our clock.

RFQ Issued & Advertised	August 24 and 31, 2015
Questions due	September 9, 2015 by noon
Final Addendum	September 11, 2015
Submittal Due Date and Time	Thursday, September 17, 2015 by 4:00 pm
Short List	September 24, 2015
Interviews, Scope and Fee Schedule	October 1 or 2, 2015
Negotiations	Week of October 5, 2015
CAF	October 16, 2015
Council Approval	October 26, 2015

VI. ADMINISTRATIVE AND OFFEROR INFORMATION

1. **SUBMITTAL OPENING, EVALUATION AND AWARD**
Submittals will be examined after opening. Submittals will be evaluated on the basis of the evaluation criteria. The firm selected for the award will be chosen on the basis of qualifications and the apparent greatest benefit to the City and not necessarily on the basis of lowest price. The City reserves the right to make multiple awards if deemed in the best interest of the City. No submittal may be withdrawn for a period of ninety (90) calendar days of the RFQ opening date.

2. **SALES & USE TAXES**
Do not include sales or use taxes in your bid. Please contact the Sales Tax Division for current status related to sales and use taxes for City projects.

3. **PROPOSER QUALIFICATIONS**
No submittal shall be accepted from and no contract will be awarded to any person, firm or corporation that is in arrears to the City of Wheat Ridge, upon debt or contract that is a defaulter, as surety or otherwise,

upon any obligation to the City or that is deemed irresponsible or unreliable by the City. If requested, Proposers shall be required to submit satisfactory evidence that they have a practical knowledge of the particular supply/service bid upon and that they have the necessary financial resources to provide the proposed supply/service called for as described in the attached Section II, Statement of Work.

4. **RIGHT TO INVESTIGATE**

The City reserves the right to investigate and confirm the proposer's financial responsibility. This may include financial statements, bank references and interviews with past consultants, employees and creditors. Unfavorable responses to these investigations are grounds for rejection of the submittal.

5. **NO COMMITMENT BY CITY OF WHEAT RIDGE**

This Request for Qualifications does not commit the City of Wheat Ridge to award any costs or pay any costs, or to award any contract, or to pay any costs associated with or incurred in the preparation of a submittal to this Request, or to procure or contract for services or supplies. In acceptance of submittals, the City of Wheat Ridge reserves the right to negotiate further with one or more of the proposers as to any features of their submittals and to accept modifications of the work and price when such action will be in the best interest of the City. This includes solicitation of a best and final offer from one or more of the qualified proposers.

6. **PROPOSAL REPRESENTATION**

Each Proposer must sign the submittal with their usual signature and shall give their full business address on the form provided in this RFQ. Submittals by partnerships shall be signed with the partnership name by one of the members or by an authorized representative. Submittals by corporations shall be signed with the name of the corporation followed by the signature and designation of the President, Secretary, or other person authorized to bind it in the matter and shall have the corporate seal affixed thereto.

7. **ANTI COLLUSION CLAUSE**

No officer or employee of the City of Wheat Ridge, and no other public official, or employee, who may exercise any function or responsibilities in the review or approval of this undertaking shall have any personal or financial interest, direct or indirect, in any contract or negotiation process thereof. The above compliance request will be part of all City of Wheat Ridge contracts for this Service.

8. **INSURANCE**

The successful Proposer shall, during the term of this Agreement and until completion thereof, provide and maintain the following types and minimum insurance coverage as follows:

Type of Insurance	Minimum Limits of Liability
Standard Workers' Compensation Including Occupational Disease Coverage	Statutory in conformance with the compensation laws of the State of Colorado
Employer's Liability	$500,000 each person; $500,000 each accident; $500,000 each disease
Comprehensive General Liability Insurance	$250,000 each person; $1,000,000 each occurrence
Professional Liability, Errors and Omissions	$1,000,000 each occurrence

The successful Proposer shall affect the insurance policies in a company or companies and in a form satisfactory to the Owner. Before commencing any performance under this Agreement, successful Proposer shall deliver, to the City, Certificates of Insurance issued by the insurance company, and/or its duly authorized agents pertaining to the aforementioned insurance, and certifying that the policies stipulated above are in full force and effect.

All policies and/or Certificates of Insurance shall include the City of Wheat Ridge as an additional named insured, except for Workers Compensation and Professional Liability, Errors and Omissions.

Nothing herein shall be deemed or construed as a waiver of any of the protections to which the Agencies may be entitled pursuant to the Colorado Governmental Immunity Act, sections 24-10-101, C.R.S., as amended.

Workers' Compensation Insurance - The contractor shall provide workers' compensation insurance coverage for all persons employed to perform the work to be done under the contract and assure that all workers will receive the compensation for compensable injuries. A copy of the workers compensation policy is required to be submitted to the City as part of this Proposal.

Professional Liability Insurance - Evidence of Professional Liability Insurance will be required upon award of the project.

9. **LAWS AND REGULATIONS**
All applicable State of Colorado and Federal laws, City and County ordinances, licenses and regulations shall apply to the award throughout and herein incorporated here by reference.

10. **SUBCONTRACTING**
No portion of this Work may be subcontracted without the prior written approval by the City.

11. **SALES PROHIBITED / CONFLICT OF INTEREST**
No officer, employee, or member of City Council, shall have a financial interest in the sale to the City of any real or personal property, equipment, material, supplies or services where such officer or employee exercises directly or indirectly any decision-making authority concerning such sale or any supervisory authority over the services to be rendered. Soliciting or accepting any gift, gratuity, favor, entertainment, kickback or any items of monetary value from any person who has or is seeking to do business with the City of Wheat Ridge is prohibited.

12. **MODIFICATION OF AGREEMENT**
No modification of award shall be binding upon the City unless made in writing and signed by authorized agents of both parties.

13. **CANCELLATION**
Either party may cancel the award in the event that a petition, either voluntary or involuntary, is filed to declare the other party bankrupt or insolvent or in the event that such party makes an assignment for the benefit of creditors.

14. **TERMINATION OF AWARD FOR CAUSE**
If, through any cause, the successful Proposer shall fail to fulfill in a timely and proper manner its obligations or if the successful Proposer shall violate any of the covenants, agreements or stipulations of the award, the City shall thereupon have the right to terminate the award by giving written notice to the successful Proposer of such termination and specifying the effective date of termination. In that event, all finished or unfinished services, reports or other materials prepared by the successful Proposer shall, at the option of the Agency, become its property, and the successful Proposer shall be entitled to receive just, equitable compensation for any satisfactory work completed, prepared documents or materials as furnished.

Notwithstanding the above, the successful Proposer shall not be relieved of liability to the City for damage sustained by the City by virtue of breach of the award by the successful Proposer and the City may withhold any payments to the successful vendor for the purpose of set off until such time as the exact amount of damages due the City from the successful Proposer is determined.

15. **TERMINATION OF AWARD FOR CONVENIENCE**
The City may terminate the award at any time by giving written notice to the successful vendor of such termination and specifying the effective date thereof, at least thirty (30) working days before the effective date of such termination. In that event, all finished or unfinished services, reports, material(s) prepared or furnished by the successful Proposer under the award shall, at the option of the City, become its property. If the award is terminated by the City as provided herein, the successful vendor will be paid an amount which bears the same ratio to the total compensation as the services actually performed or material

furnished bear to the total services/materials the successful Proposer covered by the award, less payments of compensation previously made. If the award is terminated due to the fault of the successful Proposer, termination of award for cause, relative to termination shall apply.

16. **EQUAL OPPORTUNITY**

The successful firm will agree not to refuse to hire, discharge, promote, demote, or to otherwise discriminate in matters of compensation against any person otherwise qualified solely because of race, creed, sex, national origin, ancestry or physical handicap.

It shall be a condition that any company, firm or corporation supplying goods or services, must be in compliance with the appropriate areas of the Americans With Disabilities Act of 1990 as enacted, and from time to time amended, and any other applicable Federal regulation. A signed, written certificate stating compliance with the Americans With Disabilities Act may be required, upon request, by the City.

17. **DISADVANTAGED BUSINESS ENTERPRISES**

Disadvantaged business enterprises are afforded full opportunity to submit bids and will not be discriminated against on the grounds of race, color or national origin in consideration for an award. As a recipient of Federal funds, subject to United States Department of Transportation Title VI Regulations at 49 CFR Part 21 the Civil Rights Act of 1964, the City of Wheat Ridge and its responsible agents, contractors and consultants assure that no person shall on the grounds of race, color or national origin be excluded from participation in the opportunity to bid, or be discriminated against in consideration of award of this project. The Unites States has a right to seek judicial enforcement with regard to any matter arising under Title VI, 49 CFR Part 21.

18. **COMMON LANGUAGE**

Unless otherwise specified in this document, all words shall have a common language unless the context in which they are used clearly requires a different meaning. Words in the singular number include the plural, and in the plural include the singular. Additionally, words in the masculine gender include the feminine and the neuter, and when the sense so indicates, words of the neuter gender may refer to any gender. The word "firm/bidder/proposer" means any person, partnership, corporation or other entity.

19. **PROPRIETARY INFORMATION**

The evaluation committee will hold information provided by proposers during the RFQ process in confidence until the date of an award. After that date, submittals will become public record. Proposers may request parts of their submittals to remain confidential and shall indicate in the submittal and on the appropriate proprietary or financial pages. All information included in any submittal that is of a proprietary nature must be **clearly** marked as such. The City shall be held harmless from any claims arising from the release of proprietary information not clearly designated as such by the submitting firm.

20. **COMPETITIVENESS AND INTEGRITY**

The Purchasing Office maintains control of its internal and third party communications during the procurement process to prevent biased evaluations and compromises of confidential information and to preserve the competitiveness and integrity of such procurement efforts. Proposers should not disclose their pricing to any employees of the City other than the contact representative. Attempts by proposers to establish informal communication channels regarding this procurement will be viewed negatively and shall result in rejection of the offending firm's offer.

21. **SUBMITTAL FORMAT**

All responses to this Request For Qualifications shall use the proposer's format except for those pages, which have blanks to be filled in by the proposer or those pages marked for return with the submittal. A submittal can be rejected by the City if the firm fails to completely fill in all blanks for evaluation of the submittal or fails to answer all questions. Submittal should be prepared initially on the most favorable terms. All submittals shall be prepared in a comprehensive manner as to content; however, no necessity exists for expensive binders or promotional material. All costs, including travel and expenses incurred in the preparation of this submittal, shall be borne solely by the proposer.

22. **SUBMITTAL REJECTION AND/OR PARTIAL ACCEPTANCE**

The City reserves the right to:

- reject any and all submittals
- accept other than the lowest price
- waive minor defects or technicalities, formalities and informalities
- accept in whole or in part such submittal where it is deemed advisable
- make an award on the basis of the apparent greatest benefit to the City
- alter the scope of work reasonably and RFQ documents until a contract is executed

23. **GOVERNING LAW**

The laws of the State of Colorado shall govern any contract executed between the successful respondent and the City. Further, the place of performance and transaction of business shall be deemed to be in the County of Jefferson, State of Colorado. In the event of litigation, the exclusive venue and place of jurisdiction shall be the State of Colorado, and more specifically, Jefferson County, Colorado.

24. **TAXES AND LICENSES BY THE AWARDED CONTRACTOR/CONSULTANT**

Contractor/Consultant shall promptly pay, when they are due, all taxes, excises, license fees, and permit fees of whatever nature applicable to work which it performs under this agreement and shall take out and keep current all required municipal, county, state or federal licenses required to perform this work. Contractor/Consultant shall furnish the City upon request, duplicate receipts or other satisfactory evidence showing or certifying to the proper payment of all required licenses and taxes. Contractor/Consultant shall promptly pay, when due, all bills, debts and obligations it incurs performing work under this agreement and to allow no lien, mortgage, judgment, or execution to be filed against land, facilities, or improvements owned by the City.

25. **PROMPT PAYMENT DISCOUNTS**

In determining the most responsive priced fee proposal(s), the City will consider all acceptable proposals on a basis of the net price to be paid after deduction of the discount specified in the respective proposals. Prompt payment discounts allowing less than 10 days for the discount to apply shall not be considered as a cost factor in the evaluation of proposals. In connection with any prompt payment discount offered, time will be computed from date of receipt of a correct invoice to include the receipt and acceptance of performance.

26. **OWNERSHIP OF CONTRACT PRODUCTS**

All products produced from the awarded contract shall be the sole property of the City.

27. **FUNDING**

There is in effect within the City of Wheat Ridge, Colorado, Section 2-4 of the City's Code of Laws which limits the amount for which the City shall be liable to the amount expressly appropriated by the City Council, either through budgeted appropriation, or contract or bid award. The Contractor/Consultant is specifically advised of this Section 2-4 of the Code of Laws. This Contract is specifically subject to the provisions of said Code Section. Funding of this contract for any time period after January 1 of the year succeeding the date of entry of this contract is expressly contingent upon appropriations being made by the City Council of the City of Wheat Ridge, Colorado. No promise, expressed or implied, is made that such funding will be approved by the City Council, acting in its legislative discretion.

28. **INDEMNIFICATION**

The Contractor/Consultant agrees to indemnify and to hold the City and its agents harmless for, from and against any and all claims, suits, expenses, damages or other liabilities, including reasonable attorney fees and court costs arising out of damage or injury to persons, entities, or property causes or sustained by any person or persons as a result of the negligent performance or failure of the Contractor/Consultant to provide services pursuant to the terms of this Agreement.

29. **INDEPENDENT CONTRACTOR**

The firm is an independent contractor. Notwithstanding any provision appearing in this RFQ, all personnel assigned by the firm to perform work under the terms of this RFQ and any subsequent agreement shall be, and remain at all times, employees or agents of the firm for all purposes. The firm shall make no representation that it is the employee of the City for any purpose.

30. **DUE DILIGENCE**

Due care and diligence has been used in the preparation of this information and it is believed to be substantially correct. However the responsibility for determining the full extent to the exposure and the verification of all information shall rest solely with the respondent. The City is not responsible for any errors or omissions in the specification or for the failure on the part of the respondent in determining the full extent of exposure.

31. **DEBRIEFING**

Respondents not selected or placed on a short list may request a debriefing on the selection process as well as discussion of the strengths and weaknesses of their firm's submittal, as well as firms that were on the short list but not selected, may request a debriefing after they have been notified that an award has been made. A debriefing may be scheduled with the Purchasing Agent.

32. **SECURITY ACCESS CARDS**

The City may issue security access cards to assigned workers. It will be the discretion of the City if the access cards are issued specifically for each worker or a guest card may be issued.

33. **SAMPLE AGREEMENT**

A sample agreement is provided for your review if your firm is awarded. Do not complete nor enclose with your submittal. It is for information only.

THANK YOU FOR YOUR INTEREST IN DOING BUSINESS WITH THE CITY OF WHEAT RIDGE

CITY OF WHEAT RIDGE
RFQ-JN-15-24
STRUCTURAL ENGINEERING SERVICES
For BRIDGE REHABILITATION

PROPOSER INFORMATION AND ADDENDUM ACKNOWLEDGMENT

FEIN/SSN (Required) _____
Federal I.D. Number

COMPANY _____

ADDRESS _____

CITY/STATE/ZIP _____

PHONE _____ FAX _____

AUTHORIZED SIGNATURE _____
This is required. Must be in ink.

TYPED/PRINTED NAME _____

TITLE _____ EMAIL _____

PROPOSER IS RESPONSIBLE FOR FOLLOWING UP ON ALL ADDENDUMS

ACKNOWLEDGE ADDENDUM: Bidder is responsible for confirming receipt of each addendum, please initial.

#1 _____ #2 _____ #3 _____ #4 _____

INITIAL YOU REVIEWED EACH ADDENDUM FOR THIS PROJECT _____

VISA IS THE PREFERRED PAYMENT METHOD.

DO YOU ACCEPT VISA WITHOUT EXTRA FEES? _____

POINT OF CONTACT: Jennifer Nellis, Purchasing Agent, jnellis@ci.wheatridge.co.us or fax 303-234-5924.

DO NOT CONTACT THE REQUESTING DEPARTMENT OR MEMBERS OF THE EVALUATION COMMITTEE.

Signature acknowledges that Proposer: 1) has read the bid documents thoroughly before submitting a proposal 2) will fulfill the obligations in accordance to the scope of work or specifications, terms, and conditions 3) is capable of performing quality work to achieve the City objectives and 4) is submitting without collusion with any other firm. You must submit a proposal with an authorized signature.

Bidder must complete and SUBMIT this form with your bid/proposal or will be considered Non-Responsive and/or Non-Responsible and therefore disqualified from bidding.

CITY OF WHEAT RIDGE, CO
CERTIFICATION STATEMENT FOR
ILLEGAL ALIENS, COMPLIANCE TO HB 1343

The Vendor, whose name and signature appear below, certifies and agrees as follows:

1. The Vendor shall comply with the provisions of CRS 8-17.5-101 et seq.

2. The Vendor shall not knowingly employ or contract with an illegal alien to perform work under this purchase order or enter into a contract with a subcontractor that knowingly employs or contracts with an illegal alien.

3. The Vendor represents, warrants, and agrees that it (i) has verified that it does not employ any illegal aliens, through participation in the Basic Pilot Employment Verification Program administered by the Social Security Administration and Department of Homeland Security, or (ii) otherwise shall comply with the requirements of CRS 8-17.5-102(2)(b)(I).

4. The Vendor shall comply with all reasonable requests made in the course of an investigation by the Colorado Department of Labor and Employment. If the Vendor fails to comply with any requirement of this provision or CRS 8-17.5-101 et seq., the City may terminate the above referenced purchase order for breach and the Vendor shall be liable for actual and consequential damages to the City of Wheat Ridge.

CERTIFIED and AGREED to this _____ day of _____, 20_____

BID NUMBER: _____

FIRM: _____
(Print Full Legal Name)

AUTHORIZED SIGNATURE: _____

Print Name: _____

Print Title: _____ Date: _____

Attestation: (A corporate attestation is required.)

BY: _____
Corporate Secretary or Equivalent

Place corporate seal here, if applicable

Bidder must complete and SUBMIT this form with bid/proposal or will be considered Non-Responsive and/or Non-Responsible and therefore disqualified from bidding.

CITY OF WHEAT RIDGE, CO
NON-DISCRIMINATION ASSURANCE FORM
TITLE VI REGULATIONS AT 49 CFR PART 21

Title VI of the Civil Rights Act of 1964 prohibits discrimination of the basis of race, color or national origin by any entity receiving Federal financial assistance.

The City of Wheat Ridge is a recipient of Federal financial assistance and as such, it—as well as all of its responsible agents, contractors and consultants—is required by the United States Department of Transportation Title VI Regulations at 49 CFR Part 21 (the Regulations) to assure nondiscrimination. The City of Wheat Ridge assures that no person shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination on the grounds of race, color, or national origin under any program or activity conducted by the City.

All bidders are hereby notified that the City of Wheat Ridge will affirmatively ensure that disadvantaged business enterprises will be afforded full opportunity to submit bids in response to all invitations and will not be discriminated against on the grounds of race, color or national origin in consideration for an award. This applies to all solicitations for bids for work or material subject to the Regulations, and for all proposals for negotiated agreements.

The bidder, whose name and signature appear below, certifies and agrees as follows:

1. The bidder shall comply with the provisions of Title VI of the Civil Rights Act of 1964.

2. The bidder assures the City of Wheat Ridge that disadvantaged business enterprises are afforded full opportunity to submit bids as sub-contractors or sub-consultants and will not be discriminated against on the grounds of race, color or national origin in consideration for award.

3. The bidder shall comply with all reasonable requests made in the course of an investigation of Title VI, the Regulations and this assurance by the Colorado Department of Transportation, the US Department of Transportation or the City of Wheat Ridge, as a sub-recipient of Federal financial assistance.

4. The bidder agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under Title VI, the Regulations and this assurance.

FIRM: _____
(Print full legal name of company)

AUTHORIZED SIGNATURE: _____

Printed Name and Title: _____

Date Certified and Agreed: _____

Attestation: (A corporate attestation is required) Place corporate seal below:

BY: _____
Corporate Secretary or Equivalent

Bidder must complete and SUBMIT this form with bid/proposal or will be considered Non-Responsive and/or Non-Responsible and therefore disqualified from bidding.

RFQ-JN-15-24
STRUCTURAL ENGINEERING SERVICES
For BRIDGE REHABILITATION
SAMPLE AGREEMENT, FOR YOUR REVIEW ONLY

THIS AGREEMENT made this _____ day of _____ **2015**, by and between the City of Wheat Ridge, Colorado, hereinafter referred to as the "City" or "Owner" and **FIRM, CITY, STATE,** a _____ corporation hereinafter referred to as the "Consultant or Contractor".

WITNESSETH, that the City of Wheat Ridge and the Consultant agree as follows:

ARTICLE 1 – SERVICES

The Consultant shall serve as the City's Contractor and provide as a minimum all of the professional services required as per **RFQ-JN-15-24 STRUCTURAL ENGINEERING SERVICES for BRIDGE REHABILITATION,** as more fully described in the Request for Qualifications and Consultant's response to the RFQ (Exhibit I) (attached hereto and) incorporated herein by reference.

ARTICLE 2 – TERM

Following award, the project is expected to start in November 2015 and to be completed within 90 days to prepare for construction in the spring of 2016.

ARTICLE 3 – PAYMENT AND FEE SCHEDULE

It is understood and agreed by and between the parties hereto, that the City shall pay the Consultant a not to exceed amount of _____.

A. Invoices by Task
Invoices may be submitted monthly by the Consultant for services performed and expenses incurred pursuant to this Agreement during the prior month. The payment will be expedited by the User Department and processed as a VISA transaction within 2 business days of the City approval or the City may elect the alternative method of payment by the Treasurer's Office through proper accounting procedures. Payment is then made to the Contractor within thirty (30) days of the receipt. A check is mailed.

B. Funding
There is in effect within the City of Wheat Ridge, Colorado, a provision of the City's Code of Laws which limits the amount for which the City shall be liable to the amount expressly appropriated by the City Council, either through budgeted appropriation, or contract or bid award. The contractor is specifically advised of the provisions of this portion of the Code of Laws of the City of Wheat Ridge, which was enacted pursuant to Ordinance 787, Series of 1989, and expressly incorporated herein. This contract is specifically subject to the provisions of said Ordinance and adopted Code Section.

ARTICLE 4 – INDEPENDENT CONTRACTOR

In performing the work under this Agreement, the Consultant acts as an independent contractor and is solely responsible for necessary and adequate worker's compensation insurance, personal injury and property damage insurance, as well as errors and omissions insurance. The Consultant, as an independent contractor, is obligated to pay federal and state income tax on monies earned. The personnel employed by the Contractor are not and shall not become employees, agents or servants of the City because of the performance of any work by this agreement. The Contractor warrants that it has not employed or retained any company or person, other than a bona-fide employee working solely for it, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than bona-fide employees working solely for the Contractor, any commission,

percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the City will have the right to annul this Agreement without liability or in its discretion to deduct from the Agreement price or consideration, or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

ARTICLE 5 – INSURANCE

In accordance with Article 4 above, the Contractor shall furnish a certificate of insurance upon notification of award and prior to performance. Work shall not commence under this Agreement until the Contractor has submitted to the City and received approval thereof, a certificate of insurance showing compliance with the following minimum types and coverage of insurance.

Type of Insurance	Minimum Limits of Liability
Standard Workers' Compensation Including Occupational Disease Coverage	Statutory in conformance with the compensation laws of the State of Colorado
Employer's Liability	$500,000 each person; $500,000 each accident; $500,000 each disease
Comprehensive General Liability Insurance	$250,000 each person; $1,000,000 each occurrence
Professional Liability, Errors and Omissions	$1,000,000 each occurrence

All policies and/or Certificates of Insurance shall include the City of Wheat Ridge as an additional named insured, except for Workers Compensation and Professional Liability, Errors and Omissions.

Nothing herein shall be deemed or construed as a waiver of any of the protections to, which the Agencies may be entitled pursuant to the Colorado Governmental Immunity Act, sections 24-10-101, C.R.S., as amended.

ARTICLE 6 – INDEMNIFICATION

The Contractor agrees to indemnify and to hold the City and its agents harmless for, from and against any and all claims, suits, expenses, damages or other liabilities, including reasonable attorney fees and court costs arising out of damage or injury to persons, entities, or property causes or sustained by any person or persons as a result of the negligent performance or failure of the Contractor to provide services pursuant to the terms of this Agreement.

ARTICLE 7 – CHANGE ORDERS OR EXTENSIONS

The City may, from time to time, require changes in the scope of services of the Contractor to be performed herein. Such changes, including any increase or decrease in the amount of the Contractor's compensation, must be mutually agreed upon in writing by the City and the Contractor. The Contractor shall be compensated for all authorized changes in services, pursuant to the Request for Qualifications, or if no provision exists, pursuant to the terms of the Change Order.

ARTICLE 8 – EQUAL EMPLOYMENT OPPORTUNITY

The Contractor shall not discriminate against any employee or applicant for employment because of age, race, color, religion, sex, or national origin. The Contractor shall adhere to acceptable affirmative action guidelines in selecting employees and shall ensure that employees are treated equally during employment, without regard to their age, race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship., The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices provided by the local public agency setting forth the provisions of this nondiscrimination clause.

The Contractor will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement so that such provisions will be binding upon each subcontractor, provided that the foregoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials.

ARTICLE 9 – CHARTER, LAWS AND ORDINANCES

The Contractor at all times during the performance of this Agreement, agrees to strictly adhere to all applicable Federal, State and Local laws, rules, regulations, and ordinances that affect or govern the work as contemplated under this Agreement.

ARTICLE 10 – LAW AND VENUE

The laws of the State of Colorado shall govern as to the interpretation, validity, and effect of this Agreement. The parties agree that venue and jurisdiction for disputes regarding performance of this contract is with the District Court of Jefferson County, Colorado.

ARTICLE 11 – TERMINATION

The Contractor acknowledges that his failure to accomplish the work as described shall be considered a material breach of the contract and entitle the City to consequential damages resulting from failures, acts, or omissions including but not limited to re-procurement costs, insufficient or improper work.

The City and the Contractor agree that this Agreement may be canceled for cause, by either party with a fifteen (15) day prior written notice. The cost of completing the portion of the work which remains unperformed at the time of such termination shall be deducted from the contract price before payment is made.

The City may terminate the Agreement for its convenience upon thirty (30) days written notice. In the event of such termination, the Contractor will be paid for all work and expenses incurred up until the time of such termination.

All work accomplished by the Contractor prior to the date of such termination shall be recorded and tangible work documents shall be transferred to and become the sole property of the City prior to payment for services rendered.

ARTICLE 12 – NOTICES

	City	Contractor
Contact Name		
Phone		
Cell		
Email address	**--@ci.wheatridge.co.us**	
Address	**7500 W. 29th Ave.**	
City, State, Zip	**Wheat Ridge, CO 80033**	

ARTICLE 13 – ASSIGNMENT AND SUBCONTRACTORS

The duties and obligations of the Contractor arising hereunder cannot be assigned, delegated, nor subcontracted except with the express written consent of the City. The subcontractors permitted by the City shall be subject to the requirements of this Agreement, and the Contractor is responsible for all subcontracting arrangements and the delivery of services as set forth in this Agreement. The Contractor shall be responsible for the performance of any sub-contractor.

ARTICLE 14 – SEVERABILITY

To the extent that the Agreement may be executed and performance of the obligations of the parties may be accomplished within the intent of the Agreement, the terms of this Agreement are severable, and should any term or provision hereof be declared invalid or become inoperative for any reason, such invalidity or failure shall not affect the validity of any other term or provision hereof. The waiver of any breach of a term hereof shall not be construed as a waiver of any other term or the same term upon subsequent breach.

ARTICLE 15 – INTEGRATION OF UNDERSTANDINGS

This Agreement is intended as the complete integration of all understandings between the parties. No prior or contemporaneous addition, deletion, or other amendment hereto shall have any force and effect whatsoever, unless embodied herein in writing. No subsequent novation, renewal, addition, deletion, or other amendment hereto shall have any force or effect unless embodied in writing and signed by an authorized representative of the City and the Contractor.

ARTICLE 16 – PROHIBITION ON EMPLOYING OR CONTRACTING WITH ILLEGAL ALIENS

A. The Contractor hereby certifies that at the time of executing this Agreement it does not knowingly employ or contract with an illegal alien who will perform work under this Agreement and that it will participate in either the E-Verify Program or Department Program as those terms are defined in C.R.S. §§ 8-17.5-101(3.7) and (3.3), respectively, (the "Programs") in order to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement.

B. The Contractor shall not knowingly employ or contract with an illegal alien to perform the work under this Agreement or enter into a contract with a subcontractor that fails to certify to the Contractor that the subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this Agreement.

C. The Contractor has confirmed the employment eligibility of all employees who are newly hired for employment to perform work under the Agreement through participation in either the E-Verify Program or the Department Program.

D. The Contractor is prohibited from using the Program's procedures to undertake pre-employment screening of job applicants while this Agreement is being performed.

E. If the Contractor obtains actual knowledge that a subcontractor performing the work under this Agreement knowingly employs or contracts with an illegal alien, the Contractor shall be required to: (a) notify the subcontractor and the City within three (3) days that the Contractor has actual knowledge that the subcontractor is knowingly employing or contracting with an illegal alien; and (b) terminate the subcontract with the subcontractor if within three (3) days of receiving the notice, required pursuant to C.R.S. § 8-17.5-102(2)(III)(A), the subcontractor does not stop employing or contracting with the illegal alien; except that the Contractor shall not terminate the contract with the subcontractor if during such three (3) days the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with an illegal alien.

F. The Contractor shall comply with any reasonable request by the Colorado Department of Labor and Employment (the "Department") made in the course of an investigation that the Department is undertaking pursuant to the authority established in C.R.S. § 8-17.5-102(5).

ARTICLE 17 - DISADVANTAGED BUSINESS ENTERPRISES

Disadvantaged business enterprises are afforded full opportunity to submit bids and will not be discriminated against on the grounds of race, color or national origin in consideration for an award. Consultants shall insert this provision in all sub-contracts for any work covered by this Agreement, so that it shall be binding upon each sub-consultant or sub-contractor providing labor or services.

ARTICLE 18 – AUTHORIZATION

Each party represents and warrants that it has the power and ability to enter into this Agreement, to grant the rights granted herein and to perform the duties and obligations described herein.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in **two** (2) copies, each of which shall be deemed an original on the day and year first written above.

ATTEST:

_____
JANELLE SHAVER, CITY CLERK

_____
DATE

OWNER

CITY OF WHEAT RIDGE
7500 W 29TH AVENUE
WHEAT RIDGE, CO 80033
303-234-5900

_____
JOYCE JAY, MAYOR

(Seal)

APPROVED AS TO FORM:

_____
GERALD DAHL, CITY ATTORNEY

ATTEST TO CONTRACTOR:

_____
NAME

_____
TITLE

_____
DATE

CONTRACTOR

FIRM
ADDRESS
CITY STATE

_____
AUTHORIZED SIGNATURE

_____
PRINT NAME

_____
TITLE

_____
DATE

Highway Number (ON) 5D: 0 U

Mile Post (ON)11: 0.000 mi

Colorado Department of Transportation

Structure Inspection and Inventory Report (English Units)

Bridge Name: WTRE-1-0.79-01A **Inspection Date:** 3/21/2013 **Sufficiency Rating:** 75.5 FO

NBI Reporting ID:	WTRE-1-0.79-	Hist Signif 37:	5	UW Inspection Date 93B:	
Rgn/Sectn 2E/2M:	68	Posting status 41:	A	SI Date 93C:	
Trans Region 2T:	02	Service on/un 42A/B:	5 5	Bridge Cost 94:	$ 923,076
County Code 3:	059	Main Mat/Desgn 43A/B:	6 02	Roadway Cost 95:	$ 92,308
JEFFERSON		Appr Mat/Desgn 44A/B:	0 0	Total Cost 96:	$ 1,015,384
Place Code 4:	84440	Main Spans Unit 45:	2	Year of Cost Estimate 97:	2013
WHEATRIDGE		Approach Spans 46:	0	Brdr Brdg Code/% 98A/B:	
Rte.(On/Under)5A:	1	Horiz Clr 47:	48.0 ft	Border Bridge Number 99:	0
Signing Prefix 5B:	5	Max Span 48:	86.0 ft	Defense Highway 100:	0
Level of Service 5C:	1	Str Length 49:	180.0 ft	Parallel Structure 101:	N
Directional Suffix 5E:	0	Curb Wdth L/R 50A/B:	0.0 ft 5.1 ft	Direction of Traffic 102:	2
Feature Intersected 6:		Width Curb to Curb 51:	48.0 ft	Temporary Structure 103:	
CLEAR CREEK		Width Out to Out 52:	56.7 ft	Highway System 104:	0
Facility Carried 7:		Deck Area:	10,206. sq. ft	Fed Lands Hiway 105:	0
YOUNGFIELD ST		Min Clr Ovr Brdg 53:	99.99	Year Reconstructed 106:	1995
Alias Str No.8A:		Min Undrclr Ref 54A:	N	Deck Type 107:	1
		Min Undrclr 54B:	0.0 ft	Wearing Surface 108A:	6
Prll Str No. 8P		Min Lat Clrnce Ref R 55A:	N	Membrane 108B:	1
		Min Lat Undrclr R 55B:	0.0 ft	Deck Protection 108C:	0
Location 9:		Min Lat Undrclr L 56:	0.0 ft	Truck ADT 109:	6 %
.79 MI N OF W 32ND AVENUE		Deck 58:	6	Trk Net 110:	0
Max Clr 10:	99.9 ft	Super 59:	6	Pier Protection 111:	1
BaseHiway Net12:	0	Sub 60:	7	NBIS Length 112:	Y
IrsinvRout 13A:	0000000000	Channel/Protection 61:	7	Scour Critical 113:	8
IrssubRout No13B:	00	Culvert 62:	N	Scour Watch 113M:	N
Latitude 16:	39d 46' 24"	Oprtng Rtg Method 63:	1 LF Load Fact	Future ADT 114:	17,927
Longitude 17:	105d 08' 34"	Operating Rating 64:	58.0	Year of Future ADT 115:	2029
Range18A:		Inv Rtng Method 65:	1	CDOT Str Type 120A:	CPGC
Township18B:		Inventory Rating 66:	34.8	CDOT Constr Type 120B:	28
Section18C:		Asph/Fill Thick 66T:	004 "in"	Inspection Indic 122A:	Central FY ODD
Detour Length 19:	3.0 mi	Str. Evaluation 67:	6	Inspection Trip 122AA:	
Toll Facility 20:	3	Deck Geometry 68:	2	Inspection Schedule ID:	ODD MAR T_0
Custodian 21:	4	Undrclr Vert/Hor 69:	N	Maintenance Patrol 123:	0
Owner 22:	4	Posting 70:	5	Expansion Dev/Type124:	O
Functional Class 26:	16	Waterway Adequacy 7:	8	Brdg Rail Type/Mod 125A/B:	R 0
Year Built 27:	1988	Approach Alignment 72:	8	Posting Trucks 129A/B/C:	0 0 0
Lanes on 28A:	4	Type of Work 75A:	34	Str Rating Date 130:	8/7/1995
Lanes Under 28B:	0	Work Done By 75B:	1	Special Equip 133:	-1
ADT 29:	11,204	Length of Improvment 76:	180.0 ft	Vert Clr N/E 134A/B/C:	-1.00 -1.00
Year of ADT 30:	2009	Insp Team Indicator 90B:	Stantec	Vert Clr S/W 135A/B/C:	-1.00 -1.00
Design Load 31:	5	Inspector Name 90C:	BLOCKF	Vertical Clr Date:	1/1/1901
Apr Rdwy Width 32:	50.0 ft	Frequency 91:	24 months	Weight Limit Color: 13	0
Median 33:	0	FC Frequency 92A:		Str Billing Type:	IIC
Skew 34:	0.00 °	UW Frequency 92B:		Userkey 1 - System:	OFFSYS
Structure Flared 35:	0	SI Frequency 92C:		Userkey 7-Update Indi	
Sfty Rail 36a/b/c/d:	1 0 0 0	FC Inspection Date 93A:			
Rail ht36h:	37 "in"				

Inspector Name: BLOCKF

Colorado Department of Transportation
Structure Inspection and Inventory Report (English Units)

Element Inspection Report

Elm/Env	Description	Units	Total Qty	% in 1	CS 1	% in 2	CS 2	% in 3	CS 3	% in 4	CS 4	% in 5	CS 5
14/1	P Conc Deck/AC Ovly	(SF)	10,206	100 %	10,206	0 %	0	0 %	0	0 %	0	0 %	0
109/1	P/S Conc Open Girder	(LF)	1,080	83 %	900	17 %	180	0 %	0	0 %	0	0 %	0
205/1	R/Conc Column	(EA)	2	100 %	2	0 %	0	0 %	0	0 %	0	0 %	0
215/1	R/Conc Abutment	(LF)	113	87 %	98	13 %	15	0 %	0	0 %	0	0 %	0
234/1	R/Conc Cap	(LF)	57	100 %	57	0 %	0	0 %	0	0 %	0	0 %	0
308/1	Constr Non Exp Jt	(LF)	180	0 %	0	100 %	180	0 %	0	0 %	0	0 %	0
325/1	Slope Prot/Berms	(EA)	3	67 %	2	33 %	1	0 %	0	0 %	0	0 %	0
326/1	Bridge Wingwalls	(EA)	4	100 %	4	0 %	0	0 %	0	0 %	0	0 %	0
331/1	Conc Bridge Railing	(LF)	360	100 %	360	0 %	0	0 %	0	0 %	0	0 %	0
334/1	Metal Rail Coated	(LF)	180	0 %	0	0 %	0	100 %	180	0 %	0	0 %	0
338/1	Conc Curbs/SW	(LF)	180	100 %	180	0 %	0	0 %	0	0 %	0	0 %	0
340/1	Superstr Cnc Coating	(EA)	1	0 %	0	100 %	1	0 %	0	0 %	0	0 %	0
341/1	Substr Conc Coating	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
358/1	Deck Cracking SmFlag	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
359/1	Soffit Smart Flag	(EA)	1	0 %	0	100 %	1	0 %	0	0 %	0	0 %	0
501/1	Channel Cond	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
504/1	BankCond	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
520/1	AppRdAlign	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
530/1	Approach Guardrail A	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
600/1	Genl Remarks	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0

Elem/Env	Description	Element Notes
14/1	P Conc Deck/AC Ovly	See Element 358 and 359.
109/1	P/S Conc Open Girder	Typical hairline fillet cracks at girder ends near abutments (approximately 15' from pier end). Soot and evidence of fire heating of bottom flange of Girder E near A1.
205/1	R/Conc Column	No significant defects noted.
215/1	R/Conc Abutment	Light cracks at abutments and abutment backwall some with efflorescence, worst case at A3, Girder 2A. Vertical crack with efflorescence at abutments at widening construction joints.
234/1	R/Conc Cap	No significant defects noted.
308/1	Constr Non Exp Jt	Moderate leakage with efflorescence at joint between bridge widening and original portion (Bay C).
325/1	Slope Prot/Berms	Riprap and large concrete rubble at abutments and at P2. Minor to moderate displacement of riprap at P2.
326/1	Bridge Wingwalls	Diagonal hairline crack with light efflorescence at southwest corner.

Colorado Department of Transportation

Structure Inspection and Inventory Report (English Units)

Elem/Env	Description	Element Notes
331/1	Conc Bridge Railing	Hairline vertical cracks with light efflorescence spaced at 1'-3' on center.
334/1	Metal Rail Coated	Along east side of sidewalk - Light spotty R1 corrosion throughout rails, R1 corrosion of all posts.
338/1	Conc Curbs/SW	Transverse hairline cracks in sidewalk spaced at 6'-8' on center.
340/1	Superstr Cnc Coating	Coating has peeled off in many areas of bridge rail approximately 10%.
341/1	Substr Conc Coating	Graffiti at A3 and P2 (less than 5%).
358/1	Deck Cracking SmFlag	Longitudinal and transverse hairline to 1/8" wide cracks through wheel lines and along pavement seams.
359/1	Soffit Smart Flag	Light efflorescence at joint above conduit in bay C (see Element 308). Transverse hairline cracks with efflorescence at overhang, more densely spaced over pier, partially extending into Bays A and E.
501/1	Channel Cond	Rock and cobble lined channel, through Span 2.
504/1	BankCond	Moderate to heavy brush and trees on banks.
520/1	AppRdAlign	Transverse cracks in asphalt at abutments have been sealed, but are cracked again. Areas of settled and missing/potholed asphalt at south approach over A1 (4 SF). Sidewalk settled up to 1.5 inches at southeast.
530/1	Approach Guardrail A	Not long enough, transition at southeast is not connected properly; end is tapered concrete. Ends at southwest and northwest are flared. No approach rail at northeast approach.
600/1	Genl Remarks	See sketch for location and size of utilities. West 20 ft of bridge was closed to traffic between 1995 and 2006. (4) lanes of traffic on bridge at time of 2013 inspection.

Maintenance Activity Summary

MMS Activity	Description	Recommended	Status	Target Year	Est Cost
152.02	Pr Maint	2/12/2003	-1	2015	500

Raise settled sidewalk at southeast approach.

156.01	Surface	3/21/2013	_	2015	1500

Seal cracks in asphalt over bridge deck and at abutments.

Colorado Department of Transportation
Structure Inspection and Inventory Report (English Units)

Maintenance Activity Summary

MMS Activity	Description	Recommended	Status	Target Year	Est Cost
152.00	Surface	3/21/2013	_	2015	1000

Patch potholes in asphalt at south approach.

306.07	Railing	3/21/2013	_	2015	800

Clean, prime, and paint metal pedestrian rail.

152.02	Scour	3/21/2013	_	2015	3000

Place additional riprap at slope at the base of P2.

306.05	Railing	3/21/2013	_	2015	15000

Install approach rails, transitions, and terminations in accordance with AASHTO guidelines.

Colorado Department of Transportation
Structure Inspection and Inventory Report (English Units)

Bridge Notes

Inspection Notes

Date 3/21/2013 -
Temp: 53 Degrees Time: 4:10 PM Weather: Partly cloudy, wind

Scope:

☑ NBI: ☑ Element: ☐ Underwater: ☐ Fracture Critical: ☐ Other: Type: Regular NBI

Team Leader Inspection Check-off:

- ☐ FCM's
- ☐ Posting Signs
- ☐ Essential Repair Verification
- ☐ Vertical Clearance
- ☐ Stream Bed Profile

Inspection Team:

Inspection Date: 03/21/2013

Inspector: BLOCKF

Inspector (Team Leader)

Colorado Department of Transportation

Structure Inspection and Inventory Report (English Units)

Highway Number (ON) 5D: 0 U

Mile Post (ON)11: 0.000 mi

Colorado Department of Transportation

Structure Inspection and Inventory Report (English Units)

Bridge Name: WTRE-03-0.71-01 Inspection Date: 3/21/2013 Sufficiency Rating: 81.2 Not Eligible

NBI Reporting ID:	WTRE-03-0.7
Rgn/Sectn 2E/2M:	68
Trans Region 2T	02
County Code 3:	059
JEFFERSON	
Place Code 4:	84440
WHEATRIDGE	
Rte.(On/Under)5A:	1
Signing Prefix 5B:	5
Level of Service 5C:	1
Directional Suffix 5E:	0
Feature Intersected 6:	
CLEAR CREEK	
Facility Carried 7:	
44TH AVENUE	
Alias Str No.8A:	
Prll Str No. 8P	
Location 9:	
.71 MI EAST OF KIPLING	
Max Clr 10:	99.9 ft
BaseHiway Net12:	0
IrsinvRout 13A	0000000000
IrssubRout No13B:	00
Latitude 16:	39d 46' 40"
Longitude 17:	105d 05' 47"
Range18A:	
Township18B:	
Section18C:	
Detour Length 19:	3.0 mi
Toll Facility 20:	3
Custodian 21:	4
Owner 22:	4
Functional Class 26:	16
Year Built 27:	1974
Lanes on 28A:	4
Lanes Under 28B:	0
ADT 29:	12,889
Year of ADT 30:	2009
Design Load 31:	0
Apr Rdwy Width 32:	62.0 ft
Median 33:	0
Skew 34:	10.00 °
Structure Flared 35:	0
Sfty Rail 36a/b/c/d:	0 0 0 0
Rail ht36h:	32 "in"

Hist Signif 37:	5
Posting status 41:	A
Service on/un 42A/B:	5 5
Main Mat/Desgn 43A/B:	5 06
Appr Mat/Desgn 44A/B:	0 0
Main Spans Unit 45:	2
Approach Spans 46:	0
Horiz Clr 47:	62.0 ft
Max Span 48:	87.3 ft
Str Length 49:	180.0 ft
Curb Wdth L/R 50A/B:	3.8 ft 3.8 ft
Width Curb to Curb 51	62.0 ft
Width Out to Out 52:	72.0 ft
Deck Area:	12,960. sq. ft
Min Clr Ovr Brdg 53:	99.99
Min Undrclr Ref 54A:	N
Min Undrclr 54B:	0.0 ft
Min Lat Clrnce Ref R 55A	N
Min Lat Undrclr R 55B	0.0 ft
Min Lat Undrclr L 56:	0.0 ft
Deck 58:	7
Super 59:	6
Sub 60:	6
Channel/Protection 61	7
Culvert 62:	N
Oprtng Rtg Method 63	1 LF Load Fact
Operating Rating 64:	26.0
Inv Rtng Method 65:	1
Inventory Rating 66:	23.9
Asph/Fill Thick 66T:	004 "in"
Str. Evaluation 67:	5
Deck Geometry 68:	6
Undrclr Vert/Hor 69:	N
Posting 70:	5
Waterway Adequacy 7	8
Approach Alignment 72:	8
Type of Work 75A:	
Work Done By 75B:	
Length of Improvment 76	
Insp Team Indicator 90B	Stantec
Inspector Name 90C:	BLOCKF
Frequency 91:	24 months
FC Frequency 92A:	
UW Frequency 92B:	
SI Frequency 92C:	
FC Inspection Date 93A	

UW Inspection Date 93B	
SI Date 93C:	
Bridge Cost 94:	$ 0
Roadway Cost 95:	$ 0
Total Cost 96:	$ 0
Year of Cost Estimate 97:	
Brdr Brdg Code/% 98A/B:	
Border Bridge Number 99	0
Defense Highway 100:	0
Parallel Structure 101:	N
Direction of Traffic 102	2
Temporary Structure 103	_
Highway System 104:	0
Fed Lands Hiway 105:	0
Year Reconstructed 106	0000
Deck Type 107:	1
Wearing Surface 108A	6
Membrane 108B:	0
Deck Protection 108C:	0
Truck ADT 109:	6 %
Trk Net 110:	0
Pier Protection 111:	1
NBIS Length 112:	Y
Scour Critical 113:	8
Scour Watch 113M:	N
Future ADT 114:	20,622
Year of Future ADT 115	2029
CDOT Str Type 120A:	CBGP
CDOT Constr Type 120B	3
Inspection Indic 122A:	Central FY ODD
Inspection Trip 122AA	
Inspection Schedule ID:	ODD MAR T_0
Maintenance Patrol 123	0
Expansion Dev/Type124	O
Brdg Rail Type/Mod 125A/B	M 0
Posting Trucks 129A/B/C	0 0 0
Str Rating Date 130:	11/12/1980
Special Equip 133:	-1
Vert Clr N/E 134A/B/C:	_ -1.00 -1.00
Vert Clr S/W 135A/B/C	_ -1.00 -1.00
Vertical Clr Date:	1/1/1901
Weight Limit Color: 139	0
Str Billing Type:	IIC
Userkey 1 - System:	OFFSYS
Userkey 7-Update Indi	

Inspector Name: BLOCKF

Colorado Department of Transportation
Structure Inspection and Inventory Report (English Units)

Element Inspection Report

Elm/Env	Description	Units	Total Qty	% in 1	CS 1	% in 2	CS 2	% in 3	CS 3	% in 4	CS 4	% in 5	CS 5
13/1	Unp Conc Deck/AC Ovl	(SF)	12,960	100 %	12,960	0 %	0	0 %	0	0 %	0	0 %	0
104/1	P/S Conc Box Girder	(LF)	1,260	99 %	1,246	1 %	14	0 %	0	0 %	0	0 %	0
210/1	R/Conc Pier Wall	(LF)	73	100 %	73	0 %	0	0 %	0	0 %	0	0 %	0
215/1	R/Conc Abutment	(LF)	146	95 %	138	4 %	6	1 %	2	0 %	0	0 %	0
234/1	R/Conc Cap	(LF)	73	92 %	67	5 %	4	3 %	2	0 %	0	0 %	0
302/1	Compressn Joint Seal	(LF)	219	84 %	185	16 %	34	0 %	0	0 %	0	0 %	0
310/1	Elastomeric Bearing	(EA)	28	100 %	28	0 %	0	0 %	0	0 %	0	0 %	0
325/1	Slope Prot/Berms	(EA)	2	100 %	2	0 %	0	0 %	0	0 %	0	0 %	0
326/1	Bridge Wingwalls	(EA)	4	100 %	4	0 %	0	0 %	0	0 %	0	0 %	0
334/1	Metal Rail Coated	(LF)	720	100 %	720	0 %	0	0 %	0	0 %	0	0 %	0
338/1	Conc Curbs/SW	(LF)	360	0 %	0	100 %	360	0 %	0	0 %	0	0 %	0
358/1	Deck Cracking SmFlag	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
361/1	Scour Smart Flag	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
501/1	Channel Cond	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
504/1	BankCond	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
520/1	AppRdAlign	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
530/1	Approach Guardrail A	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
600/1	Genl Remarks	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0

Elem/Env	Description	Element Notes
13/1	Unp Conc Deck/AC Ovl	No significant defects noted. New mill and overlay prior to 2013 inspection. See Elements 358 and 359.
104/1	P/S Conc Box Girder	(1) superficial spall (less than 5" diameter) at Girder 1A and (3) on Girder 1G. Hairline superficial cracks, delaminations, and spalls at ends of most girders around imbeded bearing plates. (2) spalls on Girder A have been patched prior to 2001 inspection.
210/1	R/Conc Pier Wall	(5) hairline vertical cracks.
215/1	R/Conc Abutment	Hairline horizontal and vertical cracks with efflorescence under bearing area, at various locations. Moderate water stains at ends of abutments. Rust stains in horizontal crack under Girder 1A and vertical crack near Girder 1G at West Abutment (A1).
234/1	R/Conc Cap	4' of spalled concrete and horizontal crack with delamination under Girder 2G at east side of Pier 2. Vertical 1/8" wide cracks with efflorescence, rust staining, and delamination with (1) patched spall at north end of Pier 2. Light vertical cracks. Horizontal crack at south end of Pier 2.
302/1	Compressn Joint Seal	Joints at abutments and pier. 4 ft of damaged armor previously noted at pier 2 is now covered by asphalt. Joints leaking at ends under gutters.
310/1	Elastomeric Bearing	Neoprene pads.

Colorado Department of Transportation

Structure Inspection and Inventory Report (English Units)

Elem/Env	Description	Element Notes
325/1	Slope Prot/Berms	Riprap at East Abutment (A3), displaced in areas to make vagrant structures. Grouted riprap with retaining wall and bike path at West Abutment (A1).
326/1	Bridge Wingwalls	No significant defects noted.
334/1	Metal Rail Coated	No significant defects noted.
338/1	Conc Curbs/SW	18 inch wide x 3 inch deep spall at southwest corner of bridge. S1-S2 scaling and popouts throughout sidewalks. Patch in sidewalk at southeast corner of bridge.
358/1	Deck Cracking SmFlag	New mill and overlay prior to 2013 inspection. Hairline longitudinal cracks beginning to appear between wheel lines at isolated locations. Transverse crack in asphalt at P2 open up to 1/8 inch wide.
361/1	Scour Smart Flag	Minor scour depression, 1 ft +/-, at south end of P2.
501/1	Channel Cond	Mud/cobble channel.
504/1	BankCond	Well defined channel with moderate/heavy brush on banks.
520/1	AppRdAlign	New mill and overlay prior to 2013 inspection. Transverse cracks in asphalt at abutments open up to 1/8 inch wide. Spalled and settled sidewalk at southwest. Sidewalk at southeast undermined approximately 4 feet x 5 feet x 6 inches.
530/1	Approach Guardrail A	Approach guardrail is too short, not gradually stiffened, no end treatments.
600/1	Genl Remarks	See sketch for location and size of utilities.

Maintenance Activity Summary

MMS Activity	Description	Recommended	Status	Target Year	Est Cost
156.01	Surface	3/21/2013	_	2015	1000

Seal transverse cracks in asphalt at abutments and P2. Seal longitudinal cracks throughout bridge deck overlay.

152.02	App Sl & S	3/21/2013	_	2015	250

Backfill undermined sidewalk at southeast.

306.02	Railing	3/5/2007	-1	2015	106500

Install bridge rails, transitions, approach rails and rail ends to meet AASHTO guidelines.

Colorado Department of Transportation
Structure Inspection and Inventory Report (English Units)

Maintenance Activity Summary

MMS Activity	Description	Recommended	Status	Target Year	Est Cost
358.05	Substr	3/21/2013	_	2015	5000

Repair cracked and spalled concrete at pier cap and at north end under Girder 2G.

356.02	Curb & Rl	3/21/2013	_	2015	3000

Repair spalls in concrete curbs and sidewalks (5 CY).

152.02	Scour	3/21/2013	_	2015	200

Place riprap armor stone at south end of P2 to protect against further scour.

Bridge Notes

Colorado Department of Transportation
Structure Inspection and Inventory Report (English Units)

Inspection Notes

Date 3/21/2013 -
Temp: 54 Degrees Time: 2:00 PM Weather: Cloudy, breeze

Scope:

☑ NBI: ☑ Element: ☐ Underwater: ☐ Fracture Critical: ☐ Other: Type: Regular NBI

Team Leader Inspection Check-off:

- ☐ FCM's
- ☐ Posting Signs
- ☐ Essential Repair Verification
- ☐ Vertical Clearance
- ☐ Stream Bed Profile

Inspection Team:

Inspection Date: 03/21/2013

Inspector: BLOCKF

Inspector (Team Leader)

Highway Number (ON) 5D: 0 U

Mile Post (ON)11: 0.000 mi

Colorado Department of Transportation

Structure Inspection and Inventory Report (English Units)

Bridge Name: WTRE-04-0.29-01 Inspection Date: 4/5/2013 Sufficiency Rating: 83.0 Not Eligible

NBI Reporting ID:	WTRE-04-0.2	Hist Signif 37:	5	UW Inspection Date 93B	
Rgn/Sectn 2E/2M:	68	Posting status 41:	A	SI Date 93C:	
Trans Region 2T	02	Service on/un 42A/B:	5 5	Bridge Cost 94:	$ 0
County Code 3:	059	Main Mat/Desgn 43A/B:	5 02	Roadway Cost 95:	$ 0
JEFFERSON		Appr Mat/Desgn 44A/B:	0 0	Total Cost 96:	$ 0
Place Code 4:	84440	Main Spans Unit 45:	2	Year of Cost Estimate 97:	
WHEATRIDGE		Approach Spans 46:	0	Brdr Brdg Code/% 98A/B:	
Rte.(On/Under)5A:	1	Horiz Clr 47:	48.0 ft	Border Bridge Number 99	0
Signing Prefix 5B:	5	Max Span 48:	79.8 ft	Defense Highway 100:	0
Level of Service 5C:	1	Str Length 49:	168.0 ft	Parallel Structure 101:	N
Directional Suffix 5E:	0	Curb Wdth L/R 50A/B:	3.8 ft 0.0 ft	Direction of Traffic 102	2
Feature Intersected 6:		Width Curb to Curb 51	48.0 ft	Temporary Structure 103	_
CLEAR CREEK		Width Out to Out 52:	54.2 ft	Highway System 104:	0
Facility Carried 7:		Deck Area:	9,105.6 sq. ft	Fed Lands Hiway 105:	0
MARSHALL STREET		Min Clr Ovr Brdg 53:	99.99	Year Reconstructed 106	0000
Alias Str No.8A:		Min Undrclr Ref 54A:	N	Deck Type 107:	1
		Min Undrclr 54B:	0.0 ft	Wearing Surface 108A	6
Prll Str No. 8P		Min Lat Clrnce Ref R 55A	N	Membrane 108B:	1
		Min Lat Undrclr R 55B	0.0 ft	Deck Protection 108C:	0
Location 9:		Min Lat Undrclr L 56:	0.0 ft	Truck ADT 109:	4 %
.29 MI S OF W 52ND AVENUE		Deck 58:	7	Trk Net 110:	0
Max Clr 10:	328.1 ft	Super 59:	7	Pier Protection 111:	#
BaseHiway Net12:	0	Sub 60:	5	NBIS Length 112:	Y
IrsinvRout 13A	0000000000	Channel/Protection 61	6	Scour Critical 113:	8
IrssubRout No13B:	00	Culvert 62:	N	Scour Watch 113M:	N
Latitude 16:	39d 47' 12"	Oprtng Rtg Method 63	1 LF Load Fact	Future ADT 114:	13,134
Longitude 17:	105d 04' 07"	Operating Rating 64:	52.6	Year of Future ADT 115	2029
Range18A:		Inv Rtng Method 65:	1	CDOT Str Type 120A:	CPG
Township18B:		Inventory Rating 66:	31.6	CDOT Constr Type 120B	30
Section18C:		Asph/Fill Thick 66T:	003 "in"	Inspection Indic 122A:	Central FY ODD
Detour Length 19:	1.0 mi	Str. Evaluation 67:	5	Inspection Trip 122AA	
Toll Facility 20:	3	Deck Geometry 68:	9	Inspection Schedule ID:	ODD APR T_0
Custodian 21:	4	Undrclr Vert/Hor 69:	N	Maintenance Patrol 123	0
Owner 22:	4	Posting 70:	5	Expansion Dev/Type124	B
Functional Class 26:	17	Waterway Adequacy 7	8	Brdg Rail Type/Mod 125A/B	M 0
Year Built 27:	1973	Approach Alignment 72	8	Posting Trucks 129A/B/C	0 0 0
Lanes on 28A:	2	Type of Work 75A:		Str Rating Date 130:	8/1/1995
Lanes Under 28B:	0	Work Done By 75B:		Special Equip 133:	-1
ADT 29:	8,209	Length of Improvment 76		Vert Clr N/E 134A/B/C:	_ -1.00 -1.00
Year of ADT 30:	2009	Insp Team Indicator 90B	Stantec	Vert Clr S/W 135A/B/C	_ -1.00 -1.00
Design Load 31:	5	Inspector Name 90C:	VERNONK	Vertical Clr Date:	1/1/1901
Apr Rdwy Width 32:	48.0 ft	Frequency 91:	24 months	Weight Limit Color: 13	0
Median 33:	0	FC Frequency 92A:		Str Billing Type:	IIC
Skew 34:	0.00 °	UW Frequency 92B:		Userkey 1 - System:	OFFSYS
Structure Flared 35:	0	SI Frequency 92C:		Userkey 7-Update Indi	
Sfty Rail 36a/b/c/d:	0 0 0 0	FC Inspection Date 93A			
Rail ht36h:	32 "in"				

Inspector Name: VERNONK

Colorado Department of Transportation
Structure Inspection and Inventory Report (English Units)

Element Inspection Report

Elm/Env	Description	Units	Total Qty	% in 1	CS 1	% in 2	CS 2	% in 3	CS 3	% in 4	CS 4	% in 5	CS 5
14/1	P Conc Deck/AC Ovly	(SF)	9,106	100 %	9,106	0 %	0	0 %	0	0 %	0	0 %	0
109/1	P/S Conc Open Girder	(LF)	1,176	100 %	1,176	0 %	0	0 %	0	0 %	0	0 %	0
210/1	R/Conc Pier Wall	(LF)	44	91 %	40	9 %	4	0 %	0	0 %	0	0 %	0
215/1	R/Conc Abutment	(LF)	108	93 %	100	0 %	0	7 %	8	0 %	0	0 %	0
234/1	R/Conc Cap	(LF)	54	0 %	0	0 %	0	100 %	54	0 %	0	0 %	0
302/1	Compressn Joint Seal	(LF)	108	0 %	0	100 %	108	0 %	0	0 %	0	0 %	0
308/1	Constr Non Exp Jt	(LF)	54	0 %	0	100 %	54	0 %	0	0 %	0	0 %	0
310/1	Elastomeric Bearing	(EA)	28	100 %	28	0 %	0	0 %	0	0 %	0	0 %	0
325/1	Slope Prot/Berms	(EA)	2	100 %	2	0 %	0	0 %	0	0 %	0	0 %	0
326/1	Bridge Wingwalls	(EA)	4	100 %	4	0 %	0	0 %	0	0 %	0	0 %	0
334/1	Metal Rail Coated	(LF)	336	100 %	336	0 %	0	0 %	0	0 %	0	0 %	0
338/1	Conc Curbs/SW	(LF)	336	75 %	252	25 %	84	0 %	0	0 %	0	0 %	0
361/1	Scour Smart Flag	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
501/1	Channel Cond	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
504/1	BankCond	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
520/1	AppRdAlign	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
530/1	Approach Guardrail A	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0
600/1	Genl Remarks	(EA)	1	100 %	1	0 %	0	0 %	0	0 %	0	0 %	0

Elem/Env	Description	Element Notes
14/1	P Conc Deck/AC Ovly	No significant defects noted.
109/1	P/S Conc Open Girder	Hairline fillet cracks at ends of most girders. Small spall on Girder 1G over P2, similar at Girder 1A. Graffiti on ends of girders at abutments.
210/1	R/Conc Pier Wall	Horizontal crack and (2) pending spalls on south side of pier wall at east end. Graffiti on P2.
215/1	R/Conc Abutment	Horizontal crack between Girders 1A and 1B at south abutment (A1), near Girder 2A at north abutment (A3) and between Girders 2F and 2G at A3. Moderate water stains on abutments.
234/1	R/Conc Cap	Horizontal cracks with delamination under all girders, both sides of cap. Horizontal crack with efflorescence at upstream end. Heavy water stains on cap. South face of P2 cap shows 4 ft x 4 ft area/impending spall between Girders 1B and 1C. Horizontal crack on south face P2 extends from Girder 1A to 1E with delamination and impending spalling (20 ft +/-) approximately 6 inch below top of cap.
302/1	Compressn Joint Seal	At abutments. Minor damage at various locations at both joints with seal exposed. Joints show signs of leakage, see element 600. Visible at sidewalks only.
308/1	Constr Non Exp Jt	Signs of leakage at pier. Now covered by asphalt with sealed crack over joint. No seal in sidewalk.
310/1	Elastomeric Bearing	Steel plates on neoprene pads - Light rust (R1) on plates.

Colorado Department of Transportation

Structure Inspection and Inventory Report (English Units)

Elem/Env	Description	Element Notes
325/1	Slope Prot/Berms	Riprap at abutments.
326/1	Bridge Wingwalls	No significant defects noted.
334/1	Metal Rail Coated	No significant defects noted.
338/1	Conc Curbs/SW	Light S1 scaling at various locations in Span 1.
361/1	Scour Smart Flag	2-3 ft of scour at upstream nose of P2, top of footing and 6 inch of upstream face exposed can be touched with probe, scour cone is 15 ft diameter +/-. Top of footer exposed for approximately 25 ft along south face of P2 wall.
501/1	Channel Cond	Mud/cobble channel.
504/1	BankCond	Grass and trees on banks.
520/1	AppRdAlign	Wide transverse cracks in asphalt and small potholes at abutments have been partially sealed/patched. Asphalt approach sidewalk 2 inch low at southwest and 1 inch low at northwest.
530/1	Approach Guardrail A	Approach guardrail is too short, not adequately attached or gradually stiffened, end treatment not adequate. Turndown end at northwest has collision damage and box beam is nearly split completely through at 1st post.
600/1	Genl Remarks	See sketch for location and size of utilities. Joints were not replaced but covered by asphalt during 2007 inspection.

Maintenance Activity Summary

MMS Activity	Description	Recommended	Status	Target Year	Est Cost
364.01	Exp Jts	4/5/2013	_	2015	6000

Consider replacing expansion joints at abutments to alleviate leakage onto abutments. Seal open joint in sidewalk above P2.

306.02	Railing	3/5/2007	-1	2015	58500

Install bridge rails, transitions, approach rails and rail ends to meet AASHTO guidelines.

358.03	Substr	4/12/2011	-1	2015	1200

Place riprap at upstream end of P2.

Colorado Department of Transportation
Structure Inspection and Inventory Report (English Units)

Bridge Notes

4/12/2011: Recommend Item 113 be a '5'

Inspection Notes

Date 4-05-2013 -
Temp: 69 degrees Time: 12:20 PM Weather: Partly cloudy, calm

Scope:

☑ NBI: ☑ Element: ☐ Underwater: ☐ Fracture Critical: ☐ Other: Type: Regular NBI

Team Leader Inspection Check-off:

☐ FCM's
☐ Posting Signs
☐ Essential Repair Verification
☐ Vertical Clearance
☐ Stream Bed Profile

Inspection Team:

Inspection Date: 04/05/2013

Inspector: VERNONK

Inspector (Team Leader)

Colorado Department of Transportation

Structure Inspection and Inventory Report (English Units)