



Purchasing Division

## ADDENDUM NO. 1

**DATE:** June 10, 2020  
**FROM:** City of Grand Junction Purchasing Division  
**TO:** All Offerors  
**RE:** Professional Engineering Services for N. Leach Creek Bridge at 24 Road & G Road  
RFP-4802-20-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Please see the attached Project Location Maps, and Bridge Inspection Report.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

A handwritten signature in black ink, appearing to read "Duane Hoff Jr.", written over a white background.

Duane Hoff Jr., Senior Buyer  
City of Grand Junction, Colorado

# City of Grand Junction



Printed: 5/13/2020  
1 inch equals 3,009 feet  
Scale: 1:36,112

# CITY OF GRAND JUNCTION

## MINOR BRIDGE INSPECTION REPORT

**IDENTIFICATION and LOCATION:**Structure Name: GRJM-G.0-24.01Facility Carried: G RoadFeature Intersected: Leach CreekLatitude: 39° 6' 23.0" Longitude: 108° 36' 29.0"**DESCRIPTION OF STRUCTURE:**Year Built: 1989

Cast-in-place concrete deck on steel wide flange girders.

Total Length: 20'6" Out to Out Width: 62'10"**SUMMARY OF INSPECTION:**

The overall condition of the bridge is GOOD. The primary problem is debris caught beneath bridge on utilities.

**ITEMS REQUIRING EXPEDITED OR CRITICAL REVIEW:**

None.

**INSPECTION DETAILS:**Inspection Date: 3/13/18Team Leader: Paul J. JordanAssistant Inspector: Brian J. InglisWeather: 55° clear light breezeType of Inspection: RoutineReport Prepared by: Short Elliott Hendrickson Inc.Lead Inspector: Paul J. JordanBuilding a Better World  
for All of Us®

Signature

A handwritten signature in blue ink, appearing to read 'Paul J. Jordan', is written over a horizontal line.

**RECOMMENDED MAINTENANCE/REPAIRS:**

REASON*/ PRIORITY**	DESCRIPTION
R/C	Clean debris from beneath bridge.
R/C	Fill voids where W-beam back wall is missing.
H/C	Install approach rails that meet AASHTO/CDOT standards.

\*H = Health & Safety

R = Resource Protection

M = Mission

\*\*E = Emergency

C = Critical

N = Non-critical



**CONDITION RATINGS AND REMARKS**

<b>CONDITION RATING</b>	<b>REMARKS</b>	
<b>58. DECK</b>	<b>7</b>	
DECK SLAB	G	7" asphalt on 6 1/2" concrete deck. Minor efflorescence between girders B and C.
WEARING SURFACE	F	Asphalt. Few discontinuous transverse cracks. Cracks over each abutment.
CURBS, SIDEWALKS, MEDIAN	G	Sidewalks on both sides. Shrinkage cracks and minor scaling. Minor undermining at southeast.
BRIDGE RAILS	G	Steel posts and rails on decorative concrete parapet. Shrinkage cracks.
DRAINS AND DRAINAGE	G	None, surface.
EXPANSION JOINTS		None.
UTILITIES	G	6 utility lines.
OTHER		
<b>59. SUPERSTRUCTURE</b>	<b>7</b>	
GIRDERS	G	(22) painted steel girders. Spotty light rusting with paint faded on girders G-P (original section). Girders G and P are W 12 x 58 and remaining girders are W 12 x 50.
BEARINGS	G	
DIAPHRAGMS AND BRACING	G	At ends.
PAINT	G	
DEFLECTIONS AND/OR VIBRATION	G	
ALIGNMENT	G	
OTHER		
<b>60. SUBSTRUCTURE</b>	<b>7</b>	
ABUTMENT WALL	F	Precast concrete panels between steel H-piles. Cracks on (2) new panels near northwest and southeast corners. Original panels have settlement, more prominent at A2.
ABUTMENT BACKWALL	G	W-beam in original section but doesn't extend to new section. Not visible in new sections. Void behind and between piles near ends of old sections due to lack of backwall.
CAP AND/OR BEARING SEAT	G	8" by 8" steel H-cap with vertical stiffeners at each abutment.
PILES AND/OR COLUMNS	F	(12) 8" by 8" steel H-piles at each abutment. Flaking rust at waterline throughout.
FOUNDATIONS	G	
WINGWALLS	G	Steel H-piles with precast panels between piles. Flaking rust on piles below waterline.
EROSION AND/OR SCOUR	G	
SETTLEMENT OR DEFLECTION	G	
SLOPE PROTECTION	G	
OTHER	F	Several trees and logs caught under bridge.

**CONDITION RATINGS AND REMARKS (Continued)**

CONDITION RATING	REMARKS	
<b>61. CHANNEL</b>	<b>5</b>	
ALIGNMENT	G	Straight, manmade channel.
EROSION AND/OR SCOUR	G	
CHANNEL PROTECTION	F	
WATERWAY OBSTRUCTIONS	P	Several utility lines under bridge catch debris.
ADEQUACY OF OPENING	P	Debris caught on girders.
NORMAL VELOCITY		
STREAMBED COMPOSITION		Silt.
OTHER		
<b>72. APPROACH ALIGNMENT</b>	<b>7</b>	
APPROACH GUARDRAIL		None.
SURFACING	G	Asphalt. Few longitudinal and transverse cracks.
EROSION	G	
SETTLEMENT	G	Slight bump onto bridge.
SIGNS		None.
ALIGNMENT	G	Intersection immediately west of bridge.
OTHER		

**IF A PARTIAL INSPECTION WAS PERFORMED, LIST THE PORTIONS OF THE BRIDGE THAT WERE INSPECTED:**






**Short Elliott Hendrickson, Inc.**  
 2000 S. Colorado Blvd., #6000  
 Denver, CO 80222-7938  
 (720) 540-6800 (800) 490-4966  
 Fax (303) 753-1510

GRJM-G.0-24.01

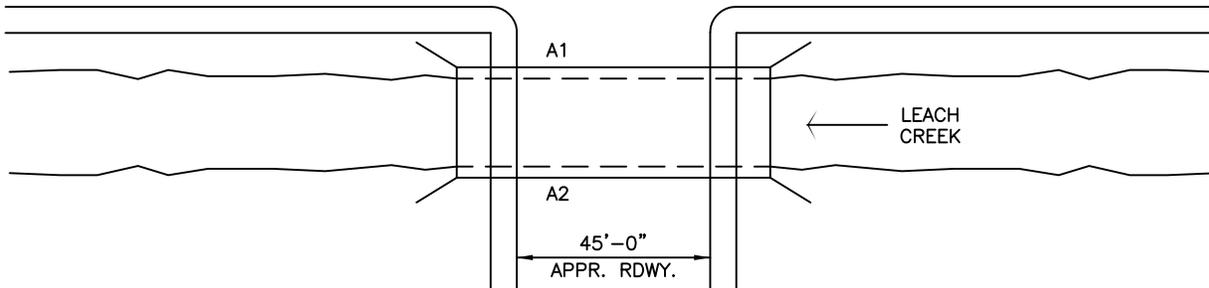
MARCH 13, 2018

**WINGWALLS:**  
 CONC. PANELS  
 BETWEEN H-PILES

G ROAD

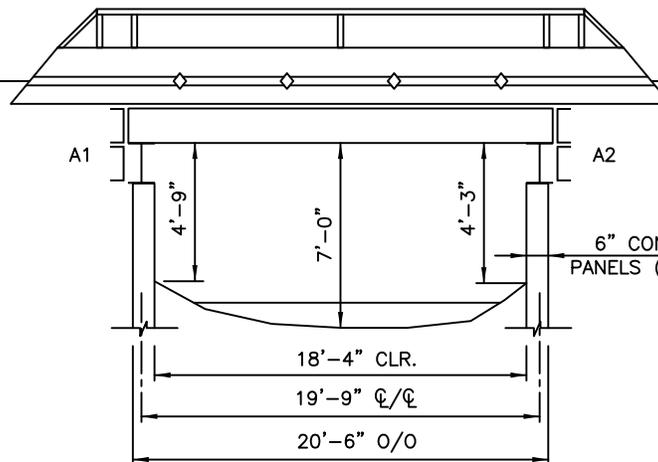


24 ROAD



**PLAN**

TOP OF ROADWAY



**BRIDGE RAILS:**  
 3"x5" TS RAILS ON  
 6"x6" TS POSTS ON  
 12"x12" BASE PLATE  
 ON CONC. PARAPET

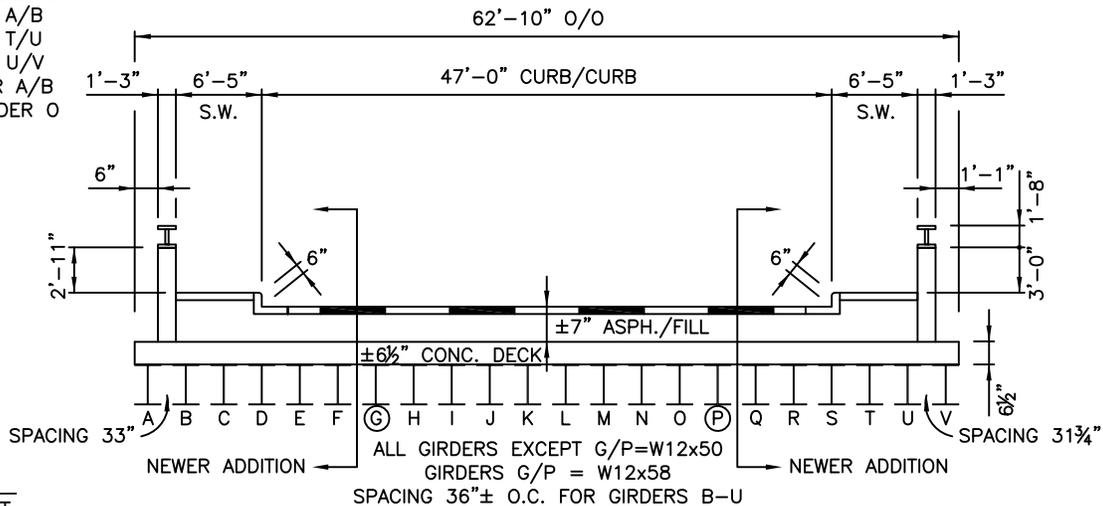
**ABUTMENTS:**  
 W8x40 CAP W/ VERT.  
 STIFFENERS ON 6"  
 CONC. PANELS BETWEEN  
 (12) H-PILES

**ELEVATION**

LOOKING NORTH

**UTILITY PIPE:**

2.5" BELOW GIRDER G  
 8" BET. GIRDER A/B  
 8" BET. GIRDER T/U  
 8" BET. GIRDER U/V  
 10" BET. GIRDER A/B  
 6.5" BELOW GIRDER O



**SECTION**

LOOKING EAST



View Down Centerline of Roadway Looking West



View of Bridge Side Elevation Looking Downstream



View of Bridge Side Elevation Looking Upstream



General View of Underside of Bridge Looking East



View Looking Upstream



View Looking Downstream



Transverse Crack in Asphalt Typical along Top of Abutments



Efflorescence on Underside of Deck in Bay B at East Abutment



Typical Flaking Rust on Exposed Flange of Abutment Pile



Large Logs in Channel below Bridge and Resting on Girders



Debris Lodged above Utility at North Side of Bridge



Sticks and Debris Lodged above Utilities at South Side

**CONDITION RATING OF NBI ITEMS 58 (DECK), 59 (SUPERSTRUCTURE), 60 (SUBSTRUCTURE)**

- N..... Not applicable.
- 9.....Excellent Condition.
- 8.....Very Good Condition-no problems noted.
- 7.....Good Condition-some minor problems.
- 6.....Satisfactory Condition-structural elements show some minor deterioration.
- 5.....Fair Condition-all primary structural elements are sound but may have minor section loss, cracking or spalling.
- 4.....Poor Condition-advanced section loss, deterioration, spalling or scour.
- 3.....Serious Condition-loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.
- 2.....Critical Condition-Advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.
- 1.....Imminent Failure Condition – major deterioration or section loss present in critical structural components or obvious vertical/horizontal movement affecting structure stability. Bridge closed but corrective action may put back in light service.
- 0.....Failed Condition-out of Service-beyond corrective action.

**CONDITION RATING OF EACH MEMBER OR ELEMENT**

- NA -Not applicable.
- G = GOOD -Element is in new or good condition.
- F = FAIR -Element is still performing the function for which it was intended but may need maintenance.
- P = POOR -Element is still performing the function for which it was intended but is in need of repairs.

