ADDENDUM NUMBER ONE

TO DRAWINGS, CONTRACT DOCUMENTS AND SPECIFICATIONS

The following shall be as fully a part of the above-named Drawings, Contract Documents and Specifications as if originally included and shall take full and complete preference over anything contained therein to the contrary.

Acknowledgment: Each bidder shall indicate their acknowledgment of receipt of this Addendum #1 in the place provided on the Bid Proposal, Page 22.

Each bidder, subcontractor, and material supplier shall be responsible for reading each item in this Addendum #1 to ascertain the extent and manner it affects the work in which they are associated.

CONCRETE PAVEMENT, CURB AND GUTTER DETAILS:

Following is a description of the changes made to these items:

- The curb and gutter Type 2 (Section IIB), curb and gutter Type 2 (Section IIB), and drive-over curb shall be increased in thickness to match the thickness of the 11" concrete pavement and shall have steel tie bars into the 11" concrete pavement. Refer to attached drawings.

- The 11" concrete pavement shall have 1.50" diameter steel dowel bars. Refer to the attached drawings.

PRE-BID MEETING QUESTIONS/CLARIFICATIONS:

- Referring to the Specifications page 2: Pages 14-25 shall be filled out and submitted together, as is typically done with in a standard low-bid process, with just one original of these documents being submitted. The additional 20-page maximum bound submittal, as described in Specifications page 14 shall be bound separately, with 5 hard copies and 1 pdf-type file contained on a CD or thumb-drive.

- Referring to the Specifications page 14: The selection process does not necessarily include interviews. If the scoring process conducted by the County selection committee fails to result in a clear choice of which Contractor to recommend for contract award, the committee may then elect to conduct interviews to arrive at a final contract award recommendation to the Board of County Commissioners.

- Referring to the Specifications page 14: An 11x17 sheet which has been folded to make it 8.5x11 size, with text printed on one side of the paper, will count as 1 page. The total length of the proposal documents shall be 20 pages, do not add any Appendix documents to this 20-page limit.

Prepared By: Michael Bedell, P.E.
Senior Engineer
**Curb and Gutter Type 2**

*(Section IB)*

(6 in. barrier - 1 ft. gutter)

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**Curb and Gutter Type 2**

*(Section IIB)*

(6 in. barrier - 2 ft. gutter)

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**Curb and Gutter Type 2**

*(Section IM)*

(6 in. mountable - 1 ft. gutter)

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**Curb and Gutter Type 2**

*(Section IMM)*

(6 in. mountable - 2 ft. gutter)

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**Concrete Sidewalk**

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**Curb and Gutter Type 2**

*(Section MS)*

(4 in. mountable with sidewalk)

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**General Notes**

1. On roadway curves with a radius of 1,800 ft. or less, curbs and gutters are to be placed on the arc of the curve unless otherwise noted on the plans. A maximum chord length of 10 ft. may be used when the curve radius is greater than 1,800 ft.

2. Concrete shall be class C.

3. Profile grade of curbs and gutters shall be located at the flow line.

4. Curb Type 4 (Key-Way) may be used in lieu of curb and gutter Type 2 sections IB and IIM unless otherwise specified on the plans.

5. Curb cross slopes may be adjusted to facilitate drainage for profile grades as shown on the plans.

6. Thickness of curb and gutter section shall match concrete pavement thickness if shown on the plans. Curb and gutter shall be Class F concrete if placed monolithically with concrete pavement.

7. Increase sidewalk thickness to 6 in. at locations shown on the plans.

8. Minimum sidewalk width is 4 ft.

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**Gutter Type 2**

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**Legend for Radii**

- A = 150 ft. to 1,000 ft.
- B = 1,000 ft. to 3,000 ft.
- C = 3,000 ft. and over

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**Sidewalk Expansion Joint**

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**Curb, Gutters, and Sidewalks**

Issued by the Project Development Branch: July 31, 2019

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**Computer File Information**

- Creation Date: 07/30/19
- Designer: I. K.
- Last Modification Date: 07/30/19
- Rev: 1
- Sheet Revisions

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**Colorado Department of Transportation**

2839 West Howard Place
Denver, CO 80204
Phone: 303-757-9821 Fax: 303-757-9868

Project Development Branch

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**Standard Plan No.**

M-609-1

**Standard Sheet No.**

J0K
1. Contraction joints for concrete median cover shall match curb and gutter, maximum spacing of ten (10) feet.

2. Expansion joints required at 400 foot maximum spacing. Additional joints may be required at the discretion of the Engineer. See joint details.

3. Concrete surfaces to receive a light broom finish.

4. Contractor to caulk each expansion joint with industrial silicone caulk.

5. Contractor to compact subgrade and ABC to 95% moisture proctor.

**Notes:**
1. Contraction joints for concrete median cover shall match curb and gutter, maximum spacing of ten (10) feet.

2. Expansion joints required at 400 foot maximum spacing. Additional joints may be required at the discretion of the Engineer. See joint details.

3. Concrete surfaces to receive a light broom finish.

4. Contractor to caulk each expansion joint with industrial silicone caulk.

5. Contractor to compact subgrade and ABC to 95% moisture proctor.

**Concrete Trickle Channel Detail (Swale):**

**Concrete Pan Detail (Pond):**

**8' Vertical Face Barrier Curb Detail:**

**Computer File Information:**

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<th>Date</th>
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**Weld County**

**WCR 54 / 17 Intersection Curb and Pan Details**

**As Constructed**

**Project No./Code:**

**No Revisions:**

**Revised:**

**Reviewed:**

**Sheet Number:**

**Sheet Subtotal:**
NOTES:
1. JOINT SPACING PLAN IS SUBJECT TO CHANGE PER CONTRACTOR'S RECOMMENDATIONS. CONTRACTOR TO SUBMIT A JOINT PLAN WITHIN 30 DAYS OF PAYING TO COUNTY ENGINEER FOR REVIEW AND ACCEPTANCE.
2. PROVIDE A MINIMUM OF 4 DOWELS PER WHEEL PATH.
3. DOWELS TO BE:
   3.1. CONFORM TO ASTM A36 FOR FUSION BONDED EPOXY COATINGS (FBE).
   3.2. OR CASTED, BARS PER ASTM A-615, GR. B;
   3.3. MIN DIAMETER x 18" LONG DOWEL (TOLERANCES .01" TO .02"
   3.4. EPOXY COATED (20 MILS PINK, EPOXY INCLUDING ENDS)
   3.5. NO COLD OR WET PATCHING
   3.6. NO BOND BREAKER
   3.7. DOWELS ARE TO BE SAW CUT, SHARP EDGES CHAMFERED
4. DOWELS AND CONTRACT BASKETS SHALL MEET THE REQUIREMENTS GIVEN IN THE WCR 17 / WCR 54 ROUNDABOUT SPECIFICATIONS SECTION 708.
5. PROVIDE EXPANSION JOINTS IN EACH LEG OF INTERSECTION (LOCATION PER CONTRACTOR RECOMMENDATIONS) AND AT BACK OF TRUCK ATRON CURB AS SHOWN.
   5.1. SEAL WITH INDUSTRIAL SILICONE CALK PER MANUFACTURER'S RECOMMENDATIONS.

WELD COUNTY
As Constructed

WCR 54 / 17 INTERSECTION
JOINT PLAN (SHT 1)

REV: 2
Sheets: of