



ROAD DEPARTMENT

## CLARIFICATION NO. 1 TUMALO RD / TUMALO PL INTERSECTION IMPROVEMENT

Date: September 22, 2020  
To: Bidding Documents Holders  
From: Cody Smith, County Engineer

In response to inquiries made by Bidding Documents holders, Deschutes County Road Department (Agency) is providing the following clarification for the above-referenced Project:

**Question 1:** *Can Stage 3 be combined with Stage 2 work? There is no discernible difference between the Stages with regards to the temporary detour road being impacted with road widening.*

**Agency Response:** Stage 2 can be combined with Stage 3 as long as access is maintained to adjacent driveways and lane widths are maintained as shown in the typical sections on the Staging Plans. Contractor may submit modified traffic control and staging plans for the project according to Section 00225.05.

**Question 2:** *Sheet 2.1, Typical Section 2/C2.1 indicates a typical widening section for Tumalo Rd and Tumalo Pl. This Typical Section also illustrates the concrete median installed on top of a 2-inch cold plane pavement removal area for the following: Tumalo Pl STA 4+30.4 - STA 8+50.40 and Tumalo Rd STA 387+31.20 - 392+48.25.*

*1. Does Typical Section 2/C.2 with regards to the island over AC grind (8/C.4) only apply to Tumalo Pl STA 4+30.40 - STA 8+50.40?*

**Agency Response:** Yes.

*2. Does Typical Section 2/C.2 with regards to the island over AC grind (8/C4) apply to Tumalo Rd where the concrete island is located, approximate STA 392+75 - STA 394+12 and STA 396+12 - STA 397+89?*

**Agency Response:** No. The station limits of Typical Section 2/C2.1 are outside of the limits of median construction on Tumalo Rd as shown on Sheets C3.0 and C7.0, so median construction details from

Typical Section 2/C2.1 do not apply. Refer to Typical Section 3/C2.0 for median construction details on Tumalo Rd from STA 392+44.6 – STA 393+41.3 and STA 396+84.2 – STA 397+89.1. Refer to Typical Section 2/C2.0 for median construction details on Tumalo Rd from STA 393+41.3 – STA 394+43.3 and STA 395+82.5 – STA 396+84.2.

3. *Sheet C5.0 instructs to remove AC surfacing and base rock to subgrade in the same locations where concrete medians are to be installed over 2-inch grind per 2/C2.1 and 8/C4.0. Please advise.*

**Agency Response:** Typical Sections 2/C2.0 and 2/C2.1 will be revised with Addendum 1 to indicate that full depth reconstruction will end at Sta 8+25.4 on Tumalo PI to match Sheet C5.0.

**Question 3:** *Sheet C3.0 illustrates a legend for the Paving Index Plan. The Overlay & Widening Section refers to 3/C2.1. Typical Section 3/C2.1 does not exist. Is this Typical Section missing or should Typical Section 2/C2.1 be the correct detail for the Overlay and Widening Section?*

**Agency Response:** The legend on Sheet C3.0 includes “Overlay & Widening Section See 3/C2.1”. This legend on Sheet C3.0 should say “Overlay and Widening Section See 2/C2.1” to correspond with the typical section titled “Widening Section” for Tumalo PI STA 4+30.1 – STA 8+50.4 and Tumalo Rd STA 387+31.2 – STA 392+48.25 on Sheet C2.1.

**Question 4:** *Please confirm that Detail 5/C.40 is to be used when the concrete median is installed on top of the 2-inch cold plane pavement removal area. Detail 5/C4.0 indicates the requirement of welded wire mesh on top of aggregate base only. Is welded wire mesh to be installed in stamped concrete areas when the concrete island is installed over the top of asphalt?*

**Agency Response:** Refer to Detail 5/C4.0 for stamped concrete details not shown (welded wire mesh, concrete strength, slope) in Detail 8/C4.0 when concrete median is constructed over 2” cold plane-pavement removal. Welded wire mesh is to be installed in all stamped concrete areas.

**Question 5:** *Sheet C3.0 indicates full depth section at 78th St and the other asphalt approaches on the west leg of the RAB, per 3/C2.0 and 1/C2.1. Please confirm the sectional thickness of these asphalt approaches matches the typical sections.*

**Agency Response:** Refer to Typical Section 1/C2.1 for section thickness details on 78th St. The driveway approach located on Tumalo Rd STA 391+90 RT is to be constructed full depth according to widening section details on Typical Section 2/C2.1. All other approaches on Tumalo Rd are to be constructed full-depth (Typical Section 2/C2.1) to the outside limit of pavement widening. A 3’ wide (min.), 2” thick ACP wedge/overlay will be required to tie the new roadway into existing driveway surfaces at a maximum slope of 12H:1V.

**Question 6:** *Bid item 035 lists 6 (ea) of Extra for Asphalt Approaches. Only five approaches were located within the bidding plans. Please confirm quantity.*

**Agency Response:** BI 35 includes payment for 5 driveway approaches on Tumalo Rd and 1 driveway approach in the overlay section on Tumalo PI - STA 5+50 RT.

**Question 7:** *Sheet 8.4, Section C illustrates the construction of 8" thick gravel travel lane. The plan view of this area does not indicate the actual or proposed footprint of the gravel travel lane. Please provide the proposed area where this gravel road is to be installed during Stage 5.*

Agency Response: The temporary gravel lane will be constructed as needed to maintain 16' of temporary road surfacing in the northbound lane when opening Tumalo PI during daytime hours. The depth and area of the gravel lane is subject to change depending on the status of widening and/or median construction at the end of any given work shift.

**Question 8:** *Sheet C5.0 notes that Fence to be Removed, By Others, however, Bid Item 018 Removal of Fences is shown on the bid schedule. Is the contractor required to remove fences from this project? If so, please indicate location/area.*

Agency Response: Please refer to the legend on Sheet C5.0, which includes a line style for "REMOVE EXISTING FENCE". This fence is shown and located in the NW quadrant of the intersection and would conflict with the detour road.

**Question 9:** *Are the Type 2 Delineators that are shown on C7.9, Section A paid under bid item 043, Permanent Surface Mounted Tubular Markers? Or are they incidental to 013, Construct and Remove Detours? Please confirm that the Type 2 Delineators are only to be installed on the detour road starting at approximate STA 55+68 to STA 57+50.*

Agency Response: The Type 2 delineators shown in Section A on Sheet C7.9 are incidental to Bid Item No. 13 – "Construct and Remove Detours". The delineators will be installed at 40 ft. spacing along the entire length of the detour as depicted in Section A. At locations that coincide with existing paved roadway, the delineators will not be required, as plastic drums and barricades will be utilized in those locations as shown on Sheet C8.1; those plastic drums and barricades are paid for under Bid Items No. 4 and 5.