



ROAD DEPARTMENT

CLARIFICATION NO. 1 2022 GUARDRAIL IMPROVEMENTS

Date: February 18, 2022
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: *Please see ... ODOT drawing RD-482 for Midwest Guardrail System Type 3. Typically there would be 12.5 LF of Type 3 guardrail attached to the guardrail transition prior to the Midwest Guardrail system Type 2-A. There is no bid item for this in the project bid schedule and it is not indicated in the plans. Please confirm the Type 3 will not be required on this project.*

Agency Response: Oregon Standard Drawing RD482 is not referenced or included in the Project Bidding Documents. The Type 3 guardrail shown on RD482 is not required on this project.

Question 2:

Cottonwood Bridge –

1. The West Bound Runs before and after the bridge are very steep. Does the County want any longer 8' posts on this side?

Agency Response: No, the guardrail installation in this region shall use the appropriate post lengths given in ODOT Standard Drawings RD403 and RD404.

2. Just want to confirm you are not expecting contractors to pour new concrete. Detail DET3283 that is referenced is confusing on what is wanted here? I think we are just core drilling for the new Thrie Beam connection Correct?

Agency Response: Yes. The Agency's intent is not to patch the recessed area in the F-rail for the existing W-beam. The addition of a thrie beam rail section will shift the connection beyond the recessed area.

Solar Bridge –

- 3. The SW corner of the bridge calls for a 5' offset on the terminal. An In-line terminal cannot be flared this much.*

Agency Response: The 5' offset is in reference to the tangent line to the bridge rail. The entire rail system should be able to follow the road on the corner. A flared end treatment would not meet site requirements.

- 4. This West side of the bridge looks to have a phone line that may be running parallel with the guardrail alignment. Can the county add a bid item for Extra For Hand Dig GR Post Holes in case the phone lines are within 2' of the posts requiring hand digging to install?*

Agency Response: Addendum No. 1 for the Project includes a revised Schedule of Bid Items reflecting the addition of "Extra for Hand Dug Guardrail Post Holes".

Question 3: *... at both locations several of the areas where the new terminals are being installed have narrow shoulders. I want to confirm that any grading required for the terminal installation will be completed by the county?*

Agency Response: All guardrail terminals, with the exception of the southeast terminal at Solar Bridge, presently have ample material to perform simple grading work by the Contractor using hand tools. Any grading that cannot be performed by the Contractor using hand tools and on-site materials will be completed by the Agency.