



## PINAL COUNTY PUBLIC WORKS

**To:** PROSPECTIVE BIDDERS

**Date:** 11-5-2015

**Project Name:** Hunt Highway Phase 3 – Gary Road to Bella Vista Road  
Gantzel Road Phase D-I – Omega Drive to Poston Butte High School  
Bella Vista Reconstruction

### Addendum #2

The following items shall be incorporated in the Work. All items shown on the plans or specified in the Project Manual shall remain unchanged except as specified herein.

**1. Bid Item 63: Concrete Scupper, MAG Std Det 206, Width and Opening per Plan:**

- a. Per response to a question on Addendum #1, the sentence "The safety rail shown in the MAG Standard Detail shall be omitted" is to be deleted. The safety rail (painted) will be required and is incidental to the construction of the scupper. The length of the safety rail will vary depending on the length of the curb opening (an extension of the safety rail beyond the scupper will not be required). The following table shows the safety rail length requirements by scupper curb opening:

- i. 4-ft curb opening = 8-ft safety rail
- ii. 8-ft curb opening = 12.5-ft safety rail
- iii. 16-ft opening = 21.5-ft safety rail
- iv. 20-ft opening = 26-ft safety rail

In some cases, additional vertical posts will be required since the maximum spacing for the safety rail is 8-ft per MAG Std Det 145). The vertical posts shall be equally spaced.

**2. Bid Item 74: 15" RGRCP, Class III:**

- a. The quantity has been revised from 148 LF to 112 LF (revised sheet 43 attached).

**3. Bid Item 75: 15" RGRCP, Class V:**

- a. The quantity has been revised from 499 LF to 535 LF (revised sheet 43 attached).

**4. Bid Item 80: Concrete Pipe Collar per MAG Std Det 505:**

- a. Revise last sentence to read "Payment shall be per *Concrete Pipe Collar* in accordance with the Bid Schedule for all work complete and in place".

**5. Bid Item 81: Concrete Encasement per MAG Std Det 404-3:**

- a. Revise last sentence to read "Payment shall be per *Concrete Encasement* in accordance with the Bid Schedule for all work complete and in place".

### PUBLIC WORKS DEPARTMENT

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**6. Bid Items 84, 85 and 86: Prefabricated Tee:**

- a. Revise last sentence to read "Payment shall be per each Tee in accordance with the Bid Schedule for all work complete and in place".

**QUESTIONS:**

- **11/4/15: Reference Addendum #1 - On Page 5 of 5 the County's response to the question concerning the grading analysis/sequencing plan is very alarming. Our concern is this. If the earthen material to construct the southern portion of Gantzel Road is not available from site excavation during Phase 1 construction the contractor will need to import borrow to complete Phase 1. This will result in the quantity of Imported Borrow, Item 6, increasing substantially, driving up the overall cost of the project. Additionally the excavated material from Hunt Highway in Phase 5 will not be needed on the project and will have to be exported, again increasing the cost of the project.**
  - The roadway excavation (Bid Item #5) of 47,996 CY includes all of the roadway excavation throughout the project limits, including disposal of any surplus material at off-site locations approved by the Engineer per MAG Spec 205. The County is already paying for any export material as part of this bid item and the cost will not increase due to construction sequencing.
  - **Assuming that the NTP for Phases 4 & 5 (Hunt Highway segment) is not issued until August 2016 necessitating that the fill material for Gantzel Road come from an offsite source will the County pay for the added volume of Imported Borrow?**
    - The import borrow (Bid item #6) of 8,465 Tons (assumed 1.35 Ton per CY) is there for the Gantzel Road/Bella Vista project as shown in the cover sheet. So yes, the County is already paying for the import borrow material and it will not increase due to construction sequencing.
  - **Measurement and payment for Imported Borrow by the ton will lead to unnecessary effort, documentation and associated project cost. It is not typical, with any governing agency, to pay for earthen material by the ton. Please consider a cubic yard measurement for this item.**
    - We have had no issues on past projects with payment of import via ton, bid item will stay quantified as so.
- **11/4/15: The pay quantities for 15" RGRCP, Class III and 15" RGRCP Class V appear to be incorrect.**
  - **Reference the Approximate Roadway Quantities table on Sheet 43 of 176 – On Plan Sheet Numbers 48/86 the quantity of 15" RGRCP, Class III should be 20 instead of the 36.5 shown. The quantity of 15" RGRCP, Class V should be 92 instead of the 75.5 shown. On Plan Sheet Numbers 49/87 the quantities listed for 15" RGRCP, Class III and 15" RGRCP, Class V are reversed. It appears that the quantity for 15" RGRCP, Class III should be 96 LF not 148 and the quantity for 15" RGRCP, Class V should be 552 LF not 499.**



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- The quantities shown on sheet 43 are correct. The connector pipe at STA 312+00 shown on sheet 94 has 16.5 LF of Class III on the south side of the manhole all the way to the concrete collar.
  - The quantities shown on sheet 87 are correct, but the quantities shown on sheet 43 are in fact reversed. The quantities have been revised accordingly. See page 1 of this addendum for details.
- **11/4/15: Reference Page TPS-28 of the Specifications – There are several errors on this page regarding the payment for items of work**
    - Payment for bid items 80, 81, 84, 85, 86 have been revised accordingly (see page 1 of this addendum for details).
  - **There appears to be a conflict on your addendum regarding Bid Item 63. Bid Item 63 in the Spec book specifically says the safety rail is to be omitted and Addendum 3 says it will be required. Also there is no mention of the Safety Rail Extensions as shown on MAG 206-3. Please clarify.**
    - The safety rail will be required. See page 1 of this addendum for details.
  - **It appears revised plan sheet 66 was not included in the addendum.**
    - See attached.
  - **It has been brought to my attention that there are no cross sections for Belle Vista Road. Are cross sections available for this portion of the project?**
    - No. The work along Bella Vista Road consists of full pavement reconstruction. The work for pavement removal will be paid as part of Bid Item #11 Subgrade Preparation and MAG Standard Specification Section 301. As part of this bid item, the contractor is responsible for disposal of unsuitable material.
  - **Is there an earthwork summary available that would show us how the designer established the quantities for the Roadway Excavation and Imported Borrow items?**
    - The quantities were established directly from the project cross-sections.

After careful consideration of the request to extend the bid date, it has been determined that in order to meet internal deadlines for project award, Pinal will not be extending the bid date.

  
Louis Andersen,  
Public Works Director