

Memo

To: Jeff Durham
CC: Matt Dobecka
From: Bo Ratto, P.E.
Date: 10/27/2016
Re: CR 664 Change Order 1- Pavement Design

Jeff,

Upon inspection of the CR 664 site, Dannenbaum is recommending a change to the current pavement typical section. Existing pavement composition is 2"-4" asphalt with 12"+ millings and the proposed section is 2" asphalt, 8" flex base, and 6" lime treatment. The most economical and feasible course of action to improve the pavement structure will be to do the following:

- Eliminate the 6" lime treatment
- Use existing millings as part of the subgrade
- Change the pavement section to 7" flex base and 3" asphalt

We are estimating this to be an increase of 61.5 tons of asphalt and a decrease of 43.37 CY of flex base as well as eliminating the 1111 SY of 6" lime treatment. Based on the contractor's bid pricing this would result in a decrease of \$2,649.43 in construction cost for McMahon Contracting. Please let me know if you have any questions.

Sincerely,



Bo Ratto, P.E.