

V5 - Response to V4 Engineering Comments

Project:Jones Dairy Storage Date: 05.01.24Project Number:SDP-23-03Contact:Will Altman, PEPhone:(919) 866-4938Email:William.Altman@timmons.com

Comments have been addressed below. Our responses are in red.

REVIEW COMMENTS:

Sheet C2.0:

1. REPEAT: Please review the symbols used and the key notes legend to ensure that everything matches per sheet.

a. This comment applies to all sheets.

Response: All symbols and key note legends have been reviewed and updated accordingly.

Sheet C3.1:

2. Confirm the lighting plan does not conflict with the utilities. It appears there may be 2 cleanouts that conflict with pole locations currently. Please review and revise accordingly.

Response: All lights on Building D will be wall mounted (OB @12' – Sheet E-010). There are no conflicts with light poles.

Sheet C3.2:

- 3. Confirm minimum cover requirements are being met. There are several structures that are just under the minimum requirements currently.
 - a. This comment applies to all profiles.

Response: Minimum cover now provided on all storm pipes. Please refer to sheets C3.2 and C3.3.

4. Please label the dimension of the concrete cradle. What you have shown on C4.1 is extremely helpful.

Response: Dimensions for all concrete cradles shall be a minimum of 24-in wide per the concrete cradle detail on sheet C3.5. Please refer to sheets C3.2 and C3.3 for concrete cradle height.

Sheet C3.3:

5. The sheet number is incorrect. It is a duplicate of C3.2. Please correct. **Response: The sheet number has been updated accordingly. Thank you.**

6. REPEAT: Label the separation requirements on all profiles. Response: The minimum separation requirements are now shown on all profiles. Please see sheets C3.2 and C3.3.

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Sheet C3.4:

7. Please adjust the overlapping text between structure A1 and A2 in plan view. **Response: Overlapping text has been corrected on the plans between structure A1 and A2. Please see sheet C3.1 and C3.4.**

Sheet C7.0:

8. Thank you for adding the CTP Compliance Diagram; it is extremely helpful. Please consider adding a note to sheet C7.0 that references that diagram on the other sheet, or copying it to this sheet since C7.0 is about the road widening and that information is extremely relevant here. **Response: Please see note #14 on sheet C7.0 that references the CTP Compliance Diagram on sheet C2.0.**

9. We recognize there have been prvious conversations about the frontage improvements for this project and that due to site constraints for grading and utilities, frontage improvements are not able to be met. That this time, the Town is open to discussing a fee-in-lieu for this section of frontage improvements that cannot be constructed as part of this project. Town planning will need to provide details.

Response: Noted, thank you.

Sheet C7.2:

10. On all cross sections, please label proposed grades for driveways that are being replaced. Response: Proposed grades for driveways that are being replaced have been labeled. Please see sheets C7.2 and C7.4.

11. On all cross sections, please provide a response or review and revise accordingly to the inquiry below:

a. Is there a reason the existing cross-slope is not being extended for the widening sections, to provide a uniform cross-slope for the roadway?

Response: Uniform cross-slope has now been provided per NCDOT comments.

Sheet C7.4:

12. On all relevant cross sections, please label the cover required for the driveway culverts; consider the minimum cover requirement and adjust as necessary. **Response: All driveway culvert covers are now dimensioned on the plans. Minimum cover (1-ft) requirements have been met per NCDOT standards.**

Sheet L1.0:

13. Please adjust labels to prevent overlapping text. **Response: Overlapping labels have been corrected.**

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