

Date: 30 September 2016

To: Alisha Reis

Cc: Alex Knettel, Dakota Miller

From: Todd Ficken, PE

RE: **NEDPED – Project Update, Period Covering Approximately 15 Sep to 30 Sep**

Summary of NEDPED Project:

- (1) Overview: Work continues. It is still a tough battle in terms of finding that balance with the community, balancing CDOT's requirements, and trying to coordinate efforts with the Contractor. At this point, we believe the best course of action is to push on through to the finish line and as issues become uncovered, resolve them to the best we can with the information and funding available.
- (2) Schedule: Both Alisha and I have strongly informed the Contractor that 2nd Street "must" be open by the end of day, Friday the 30th of September. As I prepare this memo, it is the morning of the 30 September. Remainder of the schedule includes:
 - a. Asphalt Pavement – This is not about the porous asphalt, but instead the regular asphalt. CDOT had not requested to review any of the previous material submittals, but wanted to review the regular asphalt submittal, which was unexpected news to us. CDOT did give the Contractor the option to proceed without an approved pavement mix design at the "risk" of the Contractor. The Contractor opted to wait for approval by CDOT before proceeding and this resulted in about a week delay in the placing asphalt. It is now anticipated that the asphalt will be placed the week of 3 October.
 - b. Concrete – we were told that the concrete ribbon curb and the remainder of concrete work will be finished by this coming week.
 - c. Final clean up and punch walk for that work that will be completed this year (that is all work except the porous asphalt) is now scheduled to be wrapped up the week of 10 October.
- (3) Community Items: There has been a lot of email chatter with the community about various concerns over 2nd Street, especially from Snyder to East. We have mentioned in several board meetings, that the stormwater related items are not the end solution in terms of eliminating flooding. The improvements being installed will definitely help mitigate stormwater issues, but will not resolve all stormwater concerns. There are several residences on the street that are much lower than the street elevation, and will always be subject to a certain degree of flooding risk.

Another issue is the culvert crossing; it is imperative that we maintain at least 12 inches of cover over the culverts. This will result in a "hump" in the street. The choice was to either raise

the elevation of the 2nd Street even more than originally designed, which would cause additional concerns to more homes, or simply create a rise in the road to ensure the 12 inches of cover. The other item related to this, and something that we discussed with the Town, is if we raise the road elevation, we run the risk of changing the flood plain and then the need to redo the flood plain map. This is a very plausible solution, but it would take time and financial resources to update the flood plain map for the area.

Thus, once the temporary road cap is down and we can actually see the contour and site conditions, we will look at some temporary solutions to help direct potential snowmelt, etc. away from some of the properties that are lower than the road.

We continue to try and address the community's concerns to the best of our ability. The end is very near, and our recommendation is that we need to just push through and get to the point this year that the road can be opened back up and drivable for the winter.



Todd E. Ficken, PE

F&D International LLC

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