



INNOVATIVE INTEGRATED INDEPENDENT

July 3, 2019

To: Jordan Beveridge, HSD

From: Glenn Sexton, NIS

Subj: Fiber Optic Deployment Status Update

General Update

As of July 2, the progress for deployment of fiber is continuing with the following significant items/issues:

1. Work at Miller Ed East is on schedule for Frame 01 (MDF) to be turned over on or before August 9th. As such, fiber will be installed and terminated on or about August 13th.
2. The project will be using the CoH installed conduit system for connectivity to existing (and new) BKES. Specifically
 - a. There is a 2" conduit available that runs the entire east-west distance on Cedar Street.
 - b. The vaults installed by the city are too small (2' x 3' x 3') for a 432 fiber and as such, they will need to be changed out to allow for placement of a splice case to service existing school and allow transition to new school. This action will be undertaken by H&M with no anticipated cost impact to the school nor the CoH. Bryan Yoder will coordinate directly with CoH Public Works to ascertain exact requirements and determine if a concrete apron will be required for the new vault(s).
3. County has agreed to grant multiple permits for this project. This is key and will allow directional boring between the District Admin Center and NWRES D to be completed in the County right-of-way within the next week.
4. Mainline fiber is scheduled to arrive at H&M yard on the 11th of July. We will need a day for on reel testing and have requested that the segment between District Admin Center and NWRES D be our first priority.
5. With the approval of the Change Order to include the Jackson-Peter Boscow, Henry-Brookwood, and Brown-Imlay 24 strand adds, we will need to have 2U fiber patch panels at each of these schools to accommodate the additional fiber. Parts and labor to install and terminate 24 strands were included in the Change Order; however, we will need to shift equipment in some cases to accommodate the additional rack space requirements. NIS will coordinate such with Brent Gadwa on a school-by-school basis.

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