From: Lipsky, Thomas - DOT
Sent: Wednesday, March 25, 2020 8:44 AM
To: Krummel, Charles L - DOT; Fischer, Lance - DOT; Metzer, Gary - DOT
Cc: Reeves, Todd - DOT; Anderson, Blaine - DOT; Ostovich, Craig; Larkin, Michael - DOT; Lopez, Adrian - DOT; Cannon, Janet - DOT; Flierl, Kurt - DOT
Subject: DDE files: Geo7x - STH 11 ID 2260-00-71 _ Durand Ave from STH 31 to Kentucky Street _ project to the east 2260-07-70
Attachments: 22600071-SurvCtrl.txt; STH 11 control points plan ID 2260-00-71.jpg; 22600071 MetaData Design Data Packet_2020-2-28.pdf

Charles/Gary,

I began reviewing the DDE files for STH 11 ID 2260-00-71 for construction staff's Trimble Geo7X. I started out by loading the Control XML file from the DDE (22600071-SurvCtrl.xml). The points in the DDE files (see attached text file) do not appear to match the Plan control points (see jpg from plan). I do not have time to hand enter or review all of EXP's control information or other DDE info. Please ask them to update the control files so they match the information shown in the plans and ensure the correct data has been provided. Construction staff will need the correct control points, alignments & proposed surfaces. I can help prepare the info for field staff once we know all the appropriate data has been loaded and checked.

We might be able to have Todd/Blaine come out next week to complete the control recon/site calibration for this project next week. I seem to recall there may have been issues with EXP control survey years ago. They may have started the survey in the wrong coordinate system and did some transforming into county coordinates. Hopefully the control that is provided is correct and matches the data that was used for the plan. The plan shows the datum as NAD 83 (2007) / NAVD 88 (2007). There are HMOD along STH 11 that should have been utilized as well.

Thanks.

Thomas Lipsky, PLS
Survey Coordinator
Wisconsin Dept. of Transportation
SE Region - **Survey**
(262)548-6737

From: Lipsky, Thomas - DOT
Sent: Wednesday, March 25, 2020 6:22 AM
To: Meyer, Aaron J - DOT <Aaron.Meyer@dot.wi.gov>; Krummel, Charles L - DOT <Charles.Krummel@dot.wi.gov>; Ostovich, Craig <Craig.Ostovich@raSmith.com>
Cc: Freund, Andrew R - DOT <Andrew.Freund@dot.wi.gov>; Reeves, Todd - DOT <Todd.Reeves@dot.wi.gov>; Anderson, Blaine - DOT <Blaine.Anderson@dot.wi.gov>; Pinter, Andrew D - DOT <Andrew.Pinter@dot.wi.gov>
Subject: RE: Geo7x - STH 11 ID 2260-00-71 _ Durand Ave from STH 31 to Kentucky Street _ project to the east 2260-07-70

Regarding the Trimble Geo7X. I spoke with Todd Reeves and it seems others have had similar issues. He recommended to place a small cardboard or paper wedge inside the battery compartment that will press the battery tighter to the terminals. That seems to work to keep a better connection. I do not know if Seiler is open. One of you would need to call them.

We could have Todd or Blaine come down to establish the site calibration. I do not want either to have to enter a field trailer or other confined environment. I will try to review the DDE files later today and see if I can set up a job file for them.

Are you also going to be using the Geo7X for the for the project to the east (2260-07-70)? They may want to establish an overall site calibration that would cover both projects. I will review the project coordinate systems to see if that might make sense.

Thomas Lipsky, PLS
Survey Coordinator
Wisconsin Dept. of Transportation
SE Region - **Survey**
(262)548-6737

From: Meyer, Aaron J - DOT
Sent: Tuesday, March 24, 2020 7:10 PM
To: Krummel, Charles L - DOT <Charles.Krummel@dot.wi.gov>; Lipsky, Thomas - DOT <Thomas.Lipsky@dot.wi.gov>; Ostovich, Craig <Craig.Ostovich@raSmith.com>
Cc: Freund, Andrew R - DOT <Andrew.Freund@dot.wi.gov>
Subject: Re: Geo7x

Battery has been an issue from when Drew Pinter had it. As long as battery is fully charged, it will drop down to 1 percent occasionally, but, in most cases will not normally shut off and after a bit, it will jump back up to normal percentage. Not sure if it is a glitch? Can't remember if there is another data cord in case, or if this one was the backup. I think the black one was the one previously used that works.

From: Krummel, Charles L - DOT <Charles.Krummel@dot.wi.gov>
Sent: Tuesday, March 24, 2020 5:57:18 PM
To: Lipsky, Thomas - DOT <Thomas.Lipsky@dot.wi.gov>; Ostovich, Craig <Craig.Ostovich@raSmith.com>
Cc: Freund, Andrew R - DOT <Andrew.Freund@dot.wi.gov>; Meyer, Aaron J - DOT <Aaron.Meyer@dot.wi.gov>
Subject: FW: Geo7x

Tom,

Appears we are having some problems with the Geo7x that was assigned to Aaron Meyer last year that is now assigned to Lance Fischer. ID number on the unit is 5630472252.

Looks like we need a new data cord and there appears to be some issues with the batteries.

Is Seiler considered an essential business? I am assuming yes since they support the transportation infrastructure industry.

With everything that has happened I have turned to Andy Fruend to help me out with loading the data. He currently has the unit. He is recommending site calibration for where this Geo7x is going.

Project is 2260-00-71 STH 11 Durand Ave from STH 31 to Kentucky Street. Is Blaine or Todd available for that work?

I have already inquired with the designer to see if they have a subgrade surface .xml file. Andy looked through the DDE files and could not find one. Maybe you can decipher more. Link for the project DDE is below.

Contractor wants to begin work on the project next Monday 3/30.

N:\PDS\DDE\Filed\22600071

If that doesn't work, try the FTP site link.

Name: 2260-00-71_DDE.zip
Size: 113.7 MB
Expires: April 18, 2020
Download: https://ftp.dot.wi.gov/download?domain=LAN&id=bfe14a64223441078b77293f1fb5bd95-cc6681c34a334dab903f3076231b2e65

Password is: uVe7UOuh

Thanks

Charles Krummel, P.E.
Project Manager
WisDOT Project Development – Construction
414-750-0565
charles.krummel@dot.wi.gov

From: Freund, Andrew R - DOT <Andrew.Freund@dot.wi.gov>
Sent: Tuesday, March 24, 2020 5:24 PM
To: Krummel, Charles L - DOT <Charles.Krummel@dot.wi.gov>
Subject: Geo7x

Per our phone conversation:

The cord to the Data Collector is junk. It looks like someone tried closing the case on it. It will have to be replaced.
One of the batteries doesn't appear to be working with this data collector. It could be a connection issue with the battery terminals.

You might want to request a calibration of this project through Lipsky.
Ask your designer for subgrade surface .xml

Andrew R Freund, P.E.
Civil Engineer Senior - Transportation
Wisconsin Department of Transportation
DTSD SE Region - PDS Unit 8
Cell: (414) 507-1867
andrew.freund@dot.wi.gov