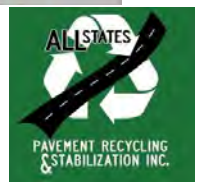
Big Springs West
NH-80-2(100)

Josh Willard
Highway Project Manager
District 6 North Platte

Quick Facts

- Project Awarded to IHC May 30th, 2019
- Contract Cost: $44,560,792.93
- Contract Time: 1056 Calendar Days
- 1.2 Million CY of Earth Fill
- 11 Classes of Concrete totaling 400,000 SY
- 2 New Bridges
- 4 MSE Walls
- 1st day of operations September 16, 2019
- 1st day of concrete production October 25, 2019
- All new pavement open October 14, 2021 (19 Days ahead of Milestone)
- 4 Plan Revisions
- 30 Change Orders

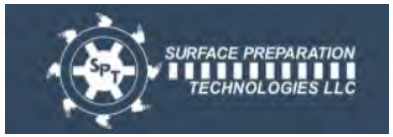
The Team



Interstate
Highway
Construction

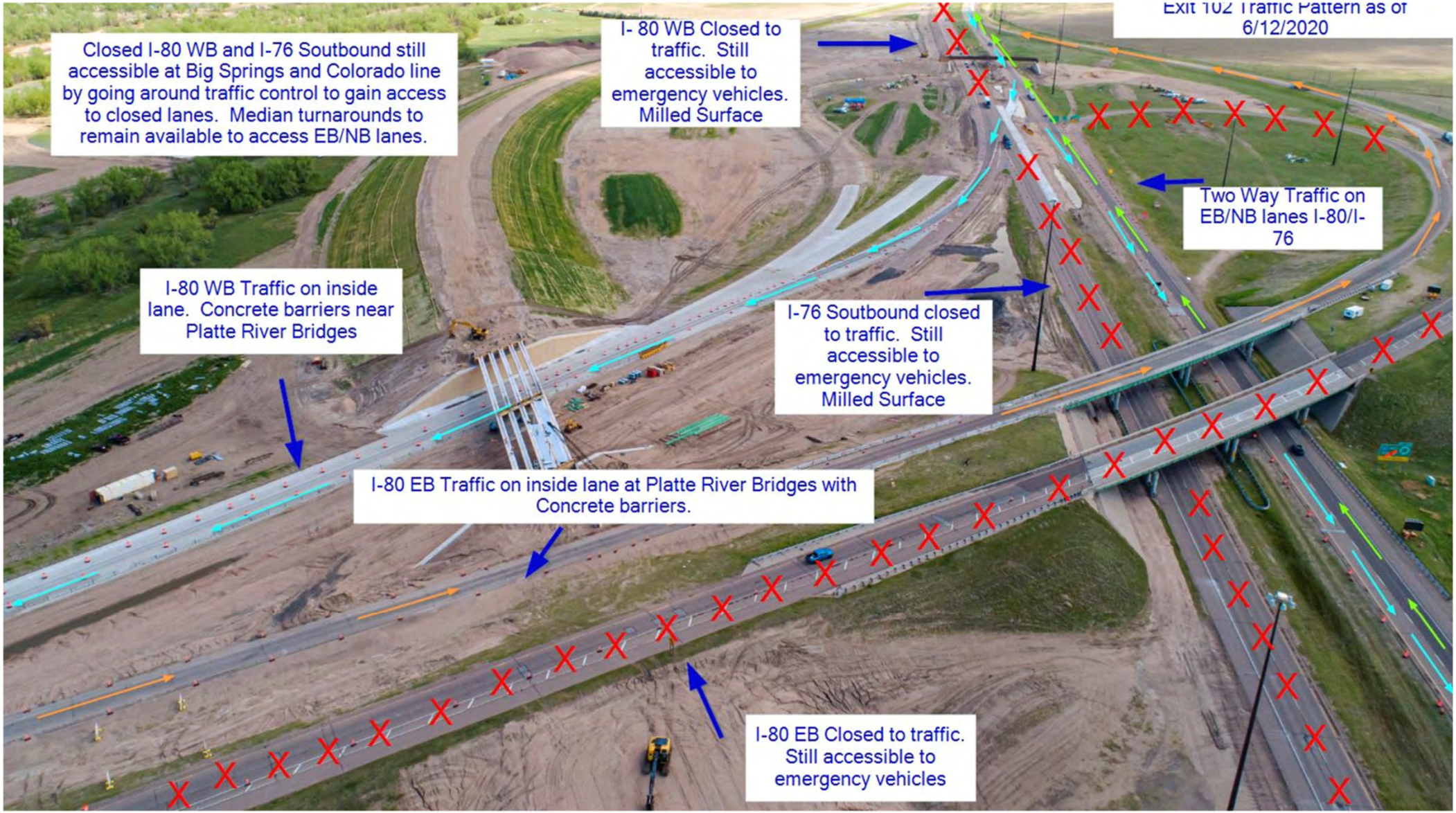
WDJB

INC

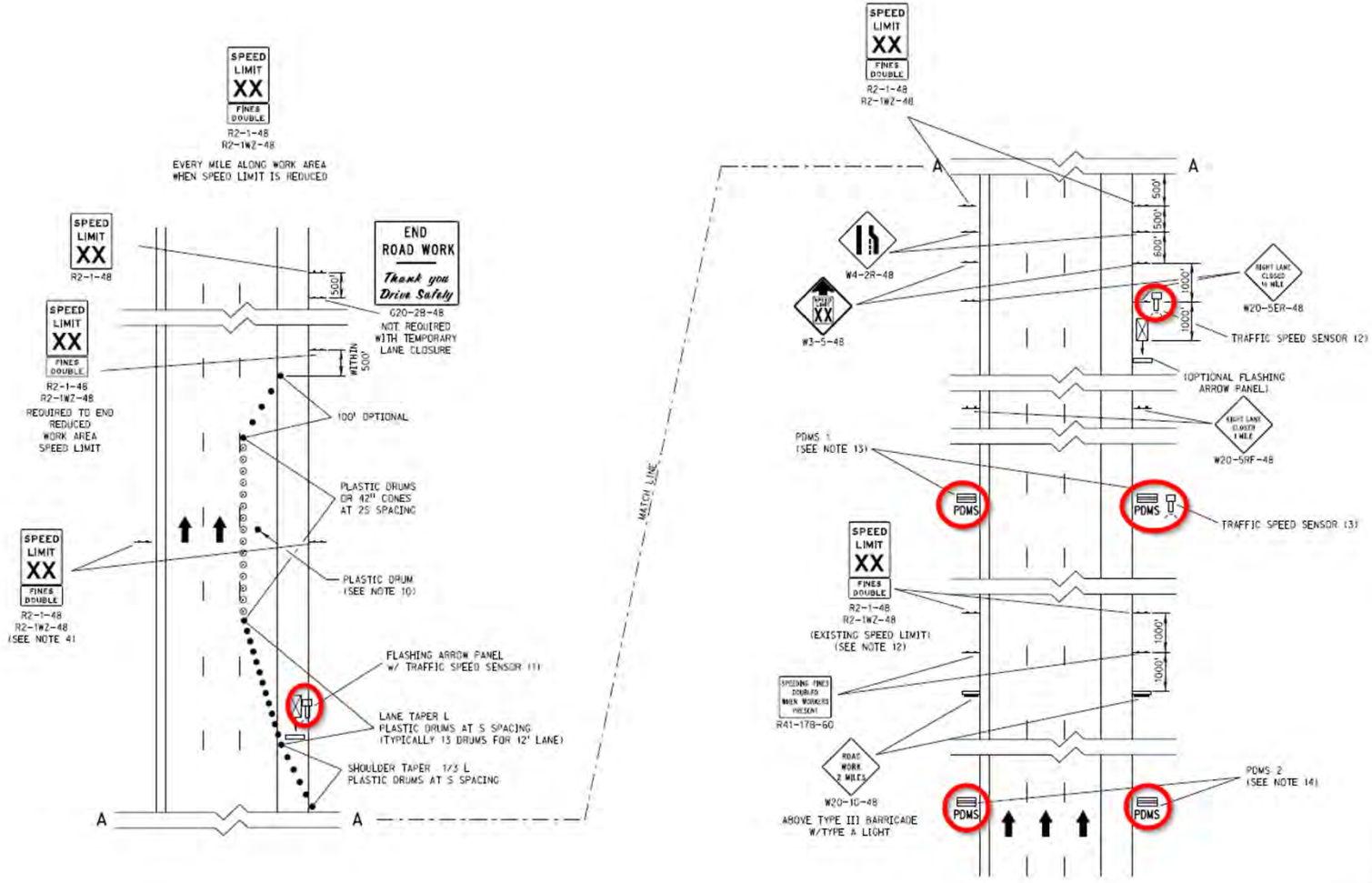


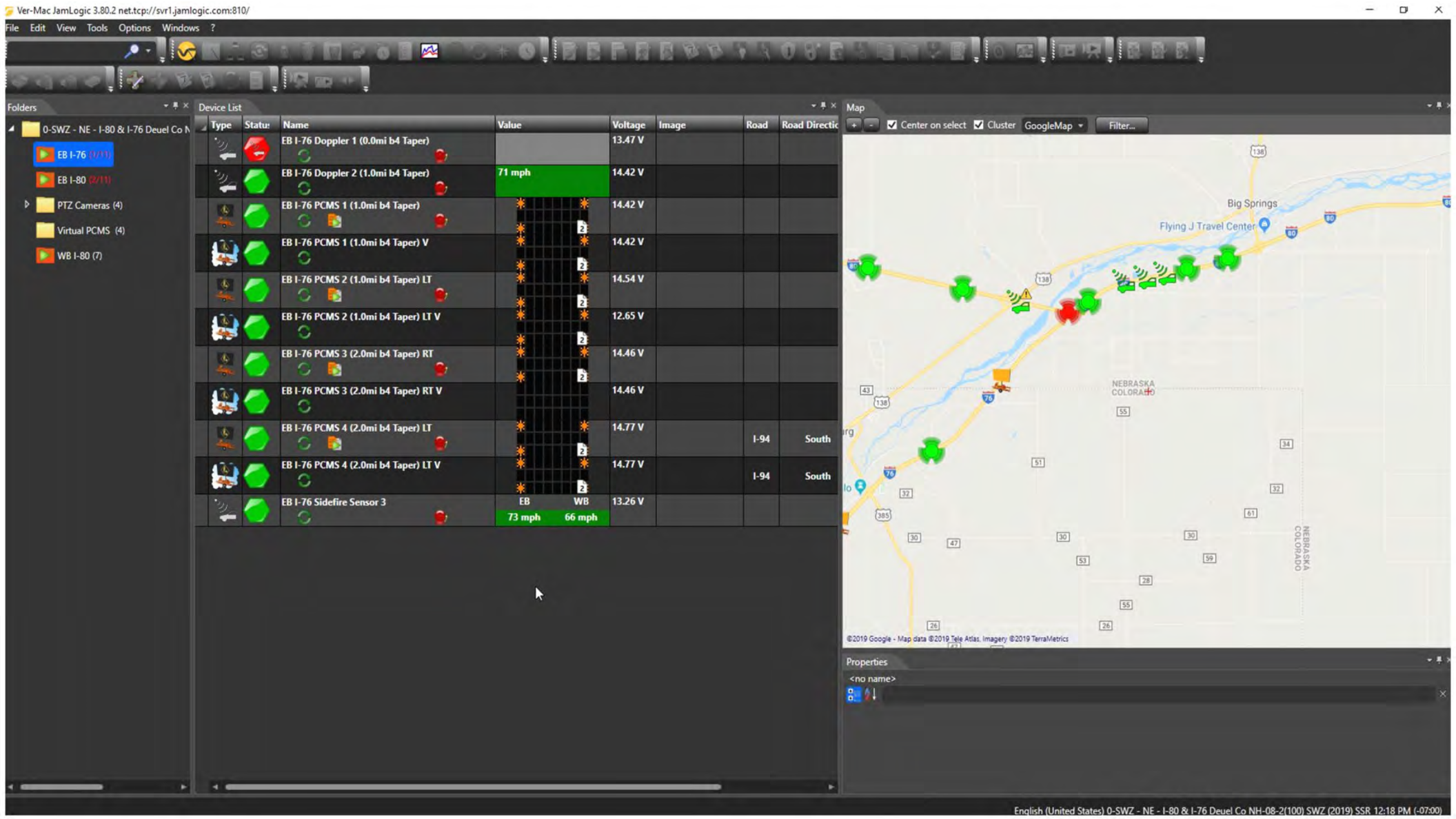
The Challenge

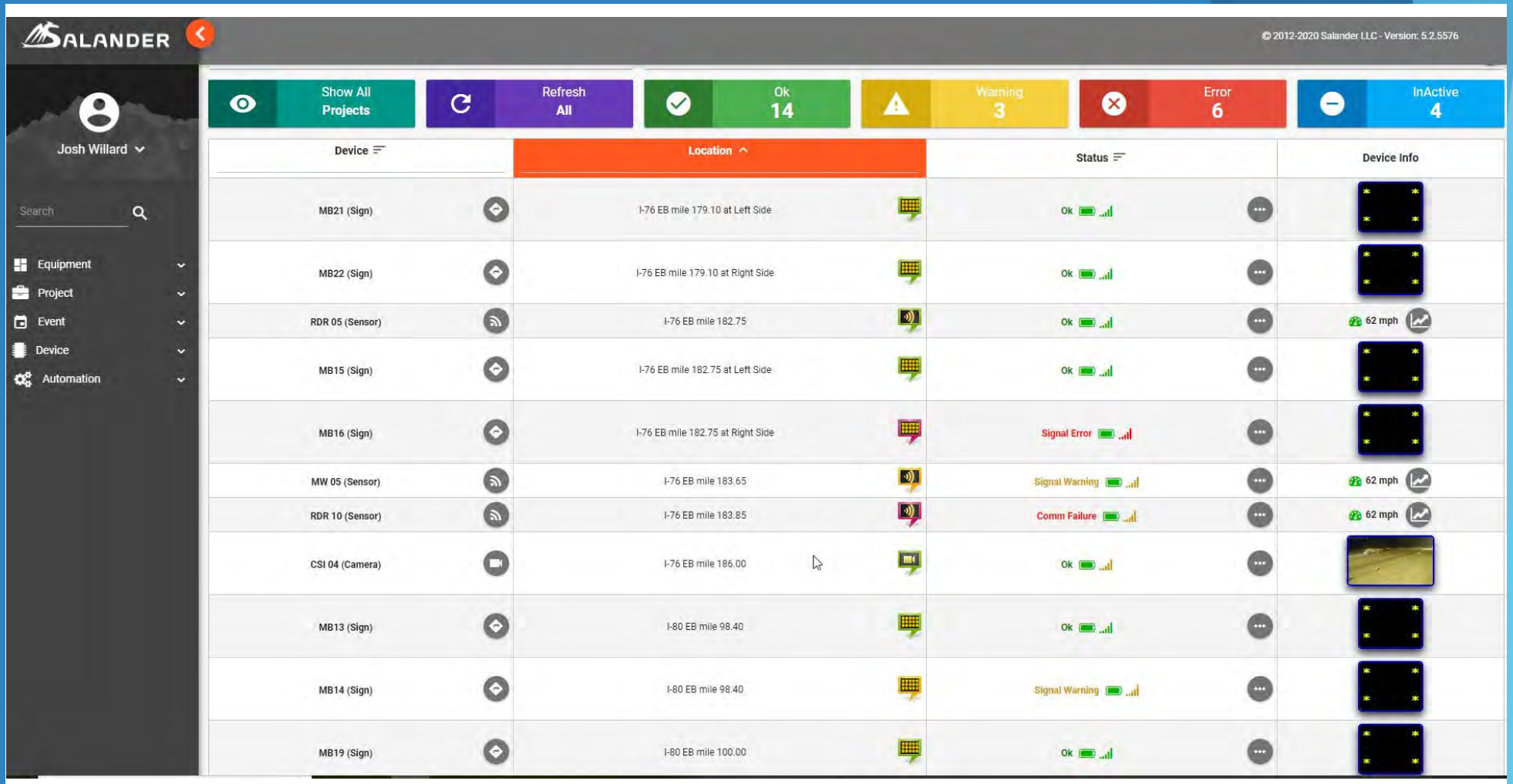
- 3 Phases of Construction split into 7 stages.
- Numerous temporary surfaces to transition traffic
- Multiple I-80/I-76 Merge and Divergence configurations
- Driver Confusion due to significant changes in interchange function

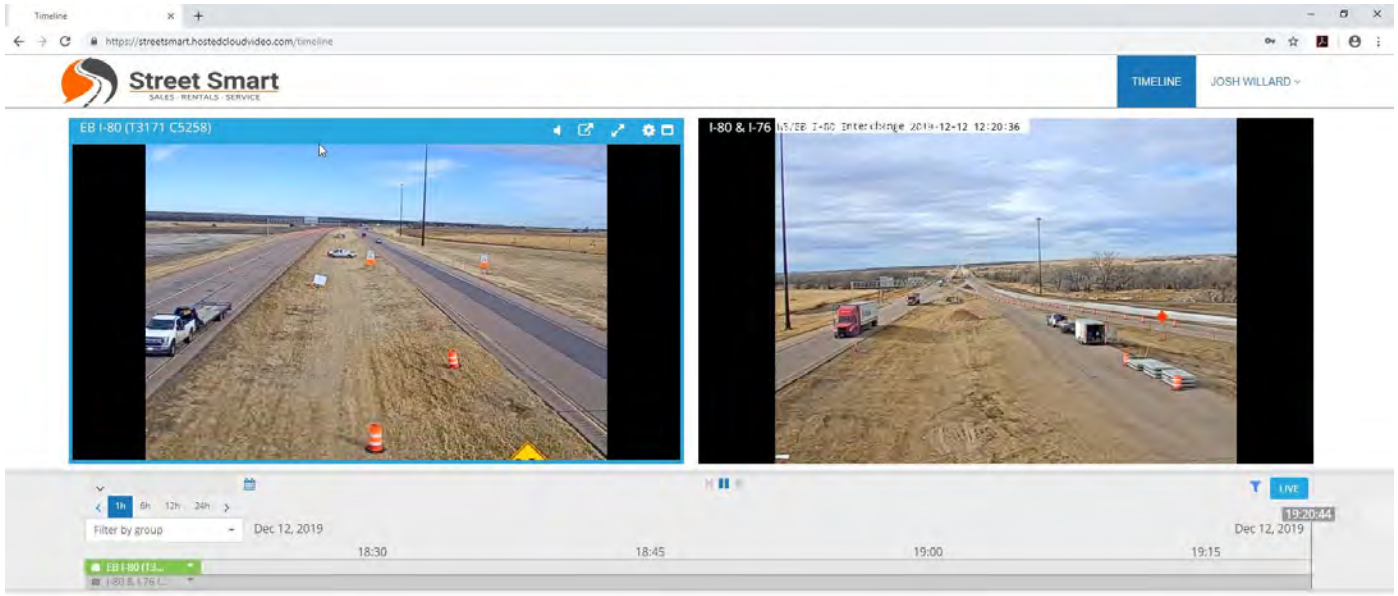

Exit 102 Traffic Pattern as of 6/12/2020
Closed I-80 WB and I-76 Soutbound still accessible at Big Springs and Colorado line by going around traffic control to gain access to closed lanes. Median turnarounds to remain available to access EB/NB lanes.
I- 80 WB Closed to traffic. Still accessible to emergency vehicles. Milled Surface
Two Way Traffic on EB/NB lanes I-80/I-76
I-80 WB Traffic on inside lane. Concrete barriers near Platte River Bridges
I-76 Soutbound closed to traffic. Still accessible to emergency vehicles. Milled Surface
I-80 EB Traffic on inside lane at Platte River Bridges with Concrete barriers.
I-80 EB Closed to traffic. Still accessible to emergency vehicles

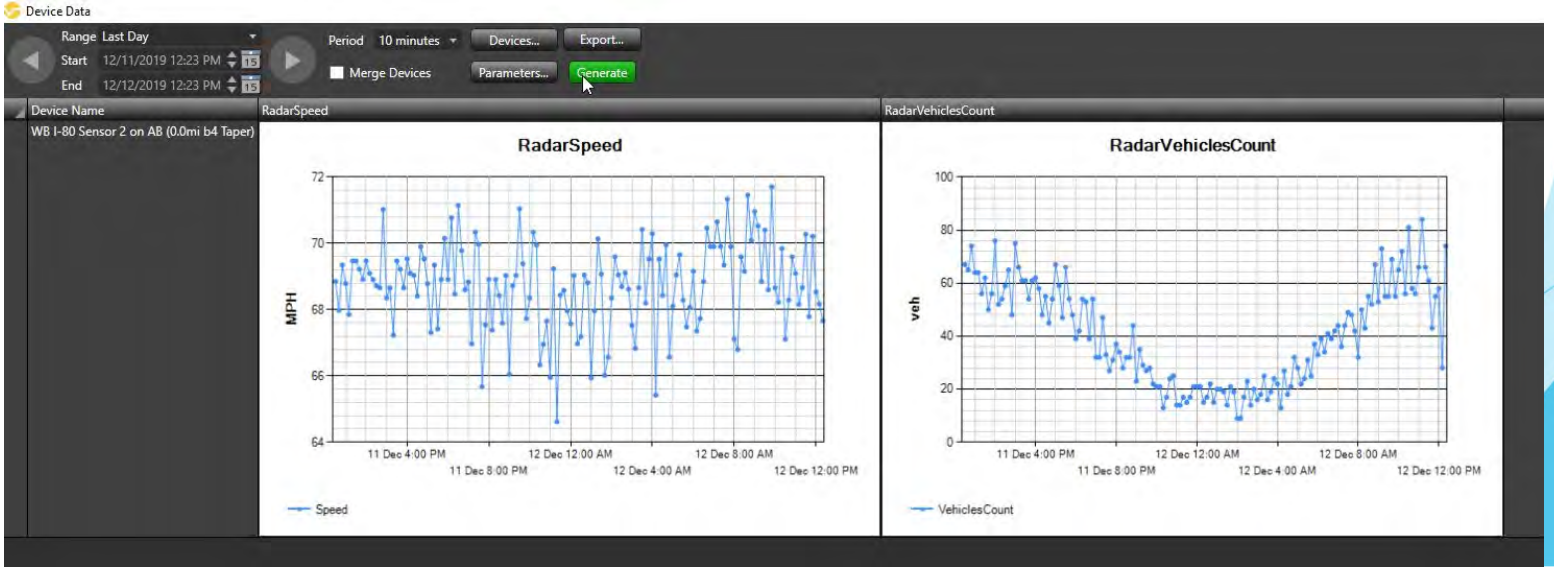
Smart Work Zone




Ver-Mac JamLogic 3.80.2 net.tcp://svr1.jamlogic.com:810/
File Edit View Tools Options Windows ?
Folders
0-SWZ - NE - I-80 & I-76 Deuel Co N
EB I-76 (1/11)
EB I-80 (2/11)
PTZ Cameras (4)
Virtual PCMS (4)
WB I-80 (7)
Device List
Type Statu Name Value Voltage Image Road Road Directic
EB I-76 Doppler 1 (0.0mi b4 Taper) 13.47 V
EB I-76 Doppler 2 (1.0mi b4 Taper) 71 mph 14.42 V
EB I-76 PCMS 1 (1.0mi b4 Taper) 14.42 V
EB I-76 PCMS 1 (1.0mi b4 Taper) V 14.42 V
EB I-76 PCMS 2 (1.0mi b4 Taper) LT 14.54 V
EB I-76 PCMS 2 (1.0mi b4 Taper) LT V 12.65 V
EB I-76 PCMS 3 (2.0mi b4 Taper) RT 14.46 V
EB I-76 PCMS 3 (2.0mi b4 Taper) RT V 14.46 V
EB I-76 PCMS 4 (2.0mi b4 Taper) LT 14.77 V I-94 South
EB I-76 PCMS 4 (2.0mi b4 Taper) LT V 14.77 V I-94 South
EB I-76 Sidefire Sensor 3 EB WB 13.26 V
73 mph 66 mph
Map
Center on select Cluster GoogleMap Filter...
Big Springs
Flying J Travel Center
NEBRASKA COLORADO
©2019 Google - Map data ©2019 Tele Atlas, Imagery ©2019 TerraMetrics
Properties
<no name>
English (United States) 0-SWZ - NE - I-80 & I-76 Deuel Co NH-08-2(100) SWZ (2019) SSR 12:18 PM (-07:00)


SALANDER
© 2012-2020 Salander LLC - Version: 5.2.5576
Josh Willard
Search
Equipment
Project
Event
Device
Automation
Show All Projects
Refresh All
Ok 14
Warning 3
Error 6
InActive 4
Device
Location
Status
Device Info
MB21 (Sign)
I-76 EB mile 179.10 at Left Side
Ok
MB22 (Sign)
I-76 EB mile 179.10 at Right Side
Ok
RDR 05 (Sensor)
I-76 EB mile 182.75
Ok
62 mph
MB15 (Sign)
I-76 EB mile 182.75 at Left Side
Ok
MB16 (Sign)
I-76 EB mile 182.75 at Right Side
Signal Error
MW 05 (Sensor)
I-76 EB mile 183.65
Signal Warning
62 mph
RDR 10 (Sensor)
I-76 EB mile 183.85
Comm Failure
62 mph
CSI 04 (Camera)
I-76 EB mile 186.00
Ok
MB13 (Sign)
I-80 EB mile 98.40
Ok
MB14 (Sign)
I-80 EB mile 98.40
Signal Warning
MB19 (Sign)
I-80 EB mile 100.00
Ok


Timeline
https://streetsmart.hostedcloudvideo.com/timeline
Street Smart
SALES · RENTALS · SERVICE
TIMELINE
JOSH WILLARD
EB I-80 (T3171 C5258)
I-80 & I-76
1h
6h
12h
24h
Filter by group
Dec 12, 2019
18:30
18:45
19:00
19:15
LIVE
19:20:44
Dec 12, 2019


Device Data
Range Last Day
Start 12/11/2019 12:23 PM
End 12/12/2019 12:23 PM
Period 10 minutes
Devices...
Export...
Merge Devices
Parameters...
Generate
Device Name
WB I-80 Sensor 2 on AB (0.0mi b4 Taper)
RadarSpeed
RadarSpeed
MPH
72
70
68
66
64
11 Dec 4:00 PM
11 Dec 8:00 PM
12 Dec 12:00 AM
12 Dec 4:00 AM
12 Dec 8:00 AM
12 Dec 12:00 PM
Speed
RadarVehiclesCount
RadarVehiclesCount
veh
100
80
60
40
20
0
11 Dec 4:00 PM
11 Dec 8:00 PM
12 Dec 12:00 AM
12 Dec 4:00 AM
12 Dec 8:00 AM
12 Dec 12:00 PM
VehiclesCount

Active Pts EB80 1 Slow Traffic - Today 5:54 AM

Salander <do_not_reply@ugovia.com>(Salander via amazonses.com)
To Willard, Josh

Reply | Reply All | Forward | ...
Fri 11/5/2021 5:55 AM

EXTERNAL SENDER - This email originated from outside of the State of Nebraska Enterprise Email System. Even if you recognize the sender, DO NOT open ATTACHMENTS or LINKS unless you know the content is safe.
If there are problems with how this message is displayed, click here to view it in a web browser.
The actual sender of this message is different than the normal sender. Click here to learn more.
Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

SALANDER

THE TECH EDGE IN WORK ZONES

Pts EB80 1 Slow Traffic
Today 5:54 AM
I-80 EB mile 103.10

For more info go here

Event Id: NEU-169322

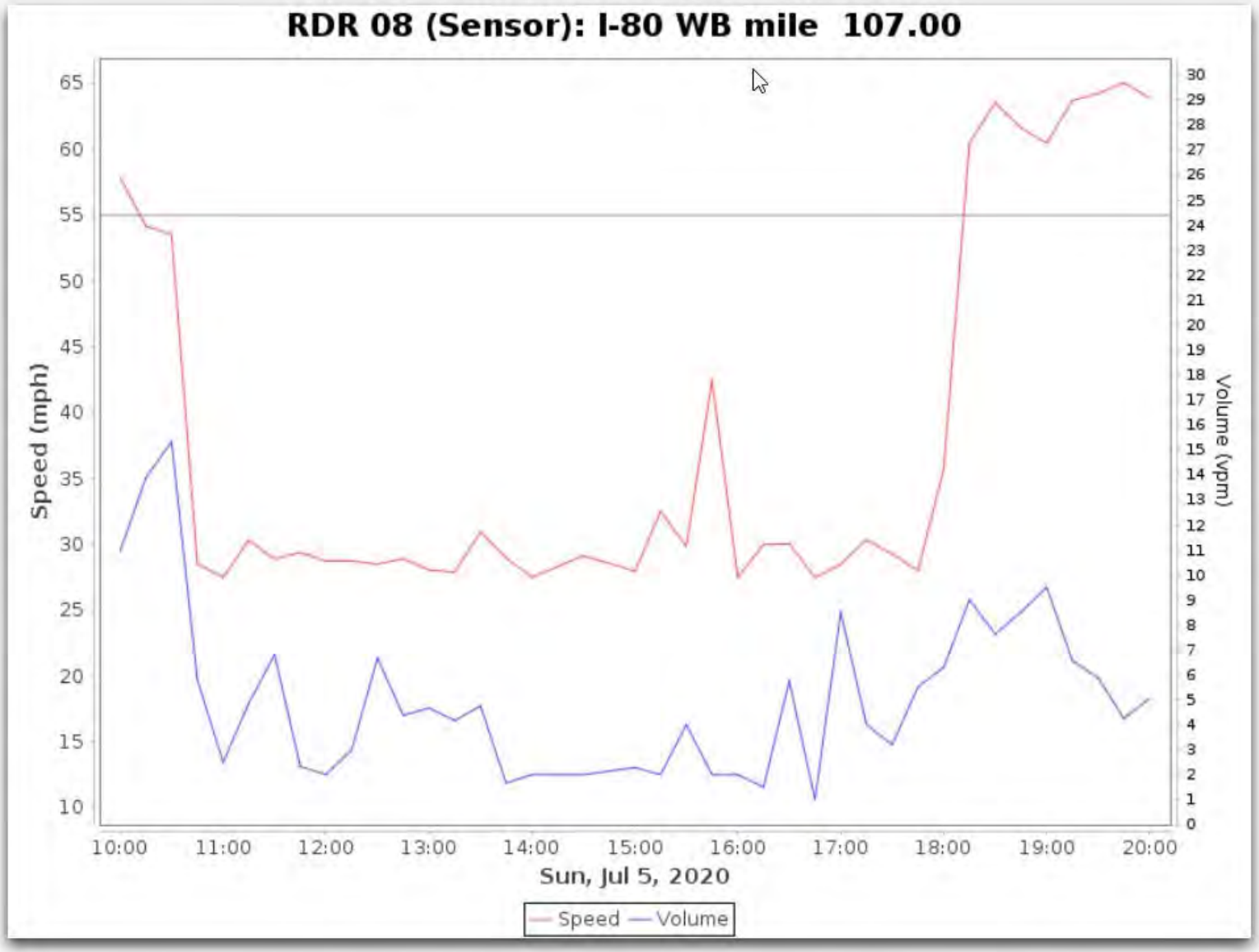
Unsubscribe from: This Project or All Projects

Contact us: 812-777-5637 | support@slndrtech.com

Confidentiality Notice: This email and any attachments originated from Salander LLC may contain information that is proprietary, privileged client communications or work product. If you are not the intended recipient, you are not authorized to read, retain, or distribute this email. If you received this email in error, please notify the sender immediately by email and delete all copies of this email.

Your friends are at the lake!!
You should be too!!

NEBRASKA
DOT


RDR 08 (Sensor): I-80 WB mile 107.00
Speed (mph)
Volume (vpm)
65
60
55
50
45
40
35
30
25
20
15
10
30
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
Sun, Jul 5, 2020
Speed
Volume

Research and Innovation

Pre-Construction

Phase 1 Stage 3

January 2020

Phase 2 Stage 1
May 2020

Phase 2 Stage 2

July 2020

Phase 3 Stage 1

January 2021

Phase 3 Stage 1

April 2021

Phase 3 Stage 1

June 2021

Phase 3 Stage 1, Showing Stage 2 Closure Pour

July 2021

Thank You
09/03/2020