

# PROJECT INTELLIGENCE

*On the St. Croix River Crossing*

Si Katara  
President/Co-Founder

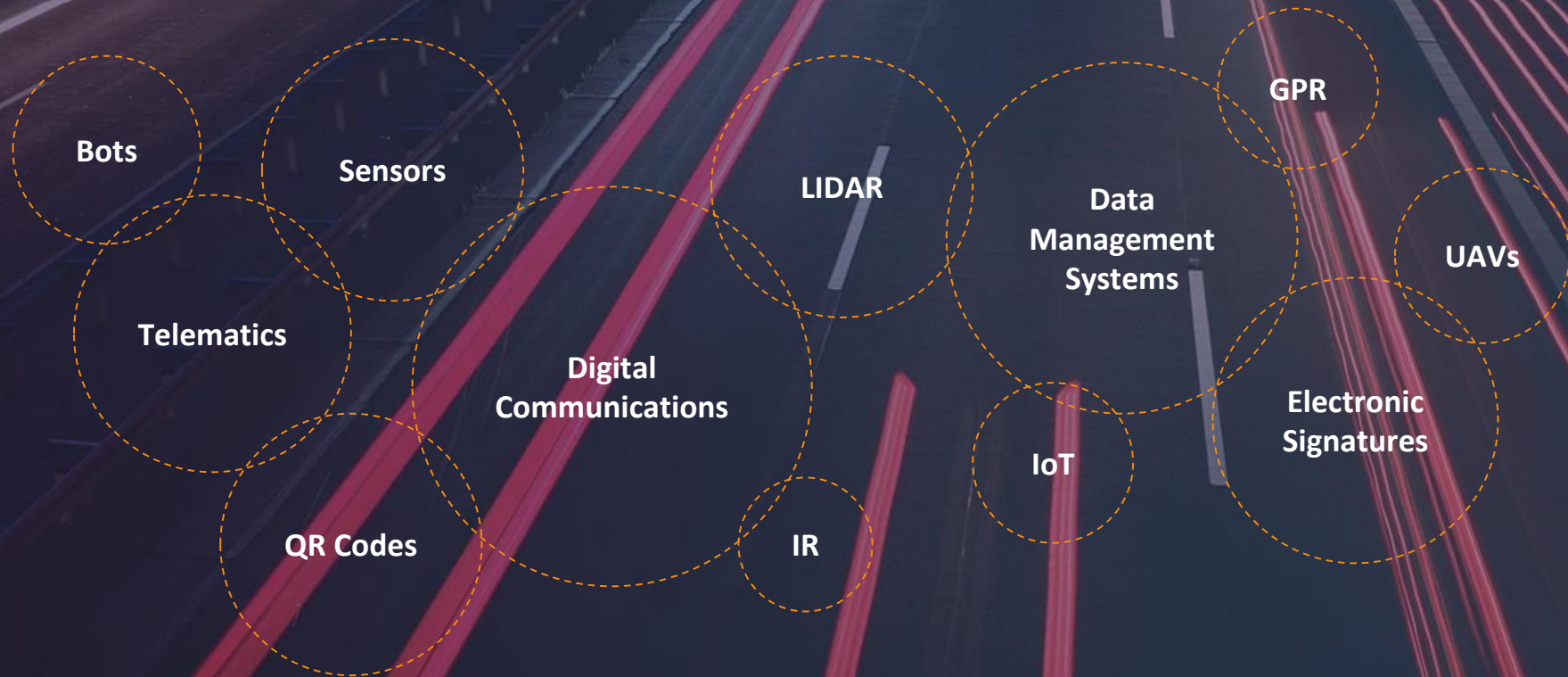


An aerial photograph of a city, likely Shanghai, featuring a large, multi-level highway interchange in the foreground. The city skyline is visible in the background with numerous skyscrapers. The image has a purple and blue color overlay.

# THE CONSTRUCTION INDUSTRY IS EXPERIENCING PROFOUND DISRUPTION

#areyouready?

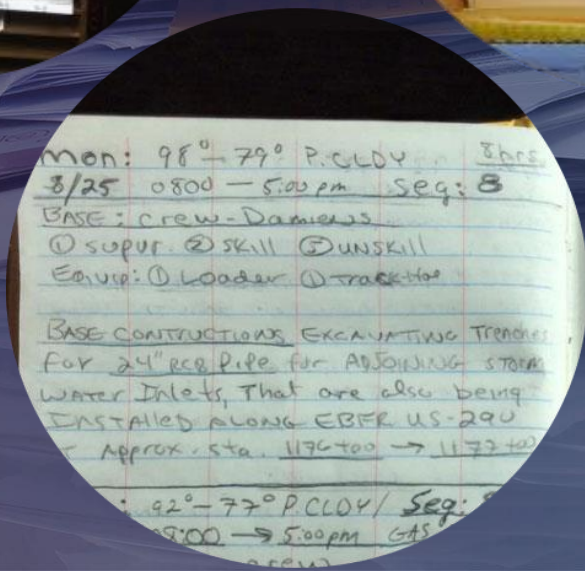
# AN EXPLOSION OF NEW DATA GATHERING TECHNOLOGIES



# NEW APPROACHES OFFER PROMISE BUT EXECUTION IS VERY COMPLEX



# STATUS QUO IS OBSOLETE



# E-CONSTRUCTION IS AN IMPROVEMENT BUT LIMITED IN SCOPE

Not enough capabilities



# **PROJECT INTELLIGENCE**

Information

Communication

Insights

# PROJECT INTELLIGENCE

Information

Communication

Insights



Field Office



Central Office



SMS

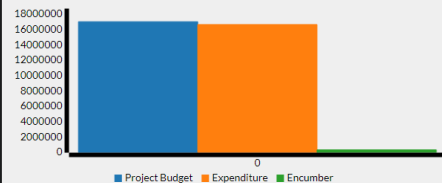


Job Site



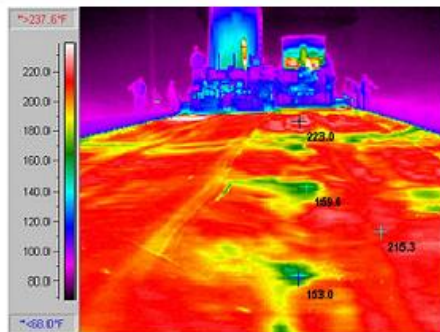
Backend  
Contract Admin

## Project 015-03-0020: POLLOCK - JUNCTION LA 524(S)



Budget	\$17,051,672.32
Contract Bid Amount	\$15,903,192.08
Change Order Amount	\$830,591.50
Expenditure	\$16,682,302.46
Encumber	\$369,369.86
Balance	\$51,481.12

Proposal				Contract		Change Order	Expected			Installed	
Identifier	Category	Name	Units	Cost	Quantity	Quantity	Budget	Quantity	Amount	Quantity	Spend
0001		0001 Clearing and Grubbing	lump	\$615,500.00	1.0	0.0	\$615,500.00	1.0	\$615,500.00	1.0	\$615,500.00
0002		0002 Removal of Structures & Obstructions	lump	\$35,000.00	1.0	0.0	\$35,000.00	1.0	\$35,000.00	1.0	\$35,000.00
0003		0003 Removal of Bridges	each	\$100,000.00	1.0	0.0	\$100,000.00	1.0	\$100,000.00	1.0	\$100,000.00
0004		0004 Removal of Bridges	each	\$20,000.00	1.0	0.0	\$20,000.00	1.0	\$20,000.00	1.0	\$20,000.00
0005		0005 Removal of bridge(sta. 3+00;5.2m x 11.6m timber bridge)	each	\$50,000.00	1.0	0.0	\$50,000.00	1.0	\$50,000.00	1.0	\$50,000.00
0006		0006 Removal of Concrete Box Culverts	each	\$2,200.00	1.0	0.0	\$2,200.00	1.0	\$2,200.00	1.0	\$2,200.00
0007		0007 Removal of Concrete Box Culverts	each	\$2,200.00	1.0	0.0	\$2,200.00	1.0	\$2,200.00	1.0	\$2,200.00
0008		0008 Removal of Portland Cement Concrete Pavement	sq m	\$4.50	20457.0	-9823.2	\$47,852.10	20457.0	\$92,056.50	10633.8	\$47,852.10
0009		0009 Removal of Concrete Walks & Drives	sq m	\$4.90	1162.0	0.0	\$5,693.80	1162.0	\$5,693.80	1104.2	\$5,410.58
0010		0010 Removal of Concrete Curbs	ln m	\$6.60	2084.0	-877.0	\$7,966.20	2084.0	\$13,754.40	1207.0	\$7,966.20
0011		0011 Removal of Concrete Combination Curb & Gutter	ln m	\$14.30	194.0	0.0	\$2,774.20	194.0	\$2,774.20	194.0	\$2,774.20

**Inspector's Daily Report**

Taken at 8:00 am, Thursday, October 19, 2017

*Temperature Differentials***Contractor**

Kiewit-Hoffman

**Work Location**

WA2A: 140th Ave SE to NE 24th St



Taken at 8:02 am, Thursday, October 19, 2017

*Tree that fell across the silt fence at Sweeper Site.***Contractor**

Kiewit-Hoffman

**Work Location**

WA2A: 140th Ave SE to NE 24th St



Taken at 8:03 am, Thursday, October 19, 2017

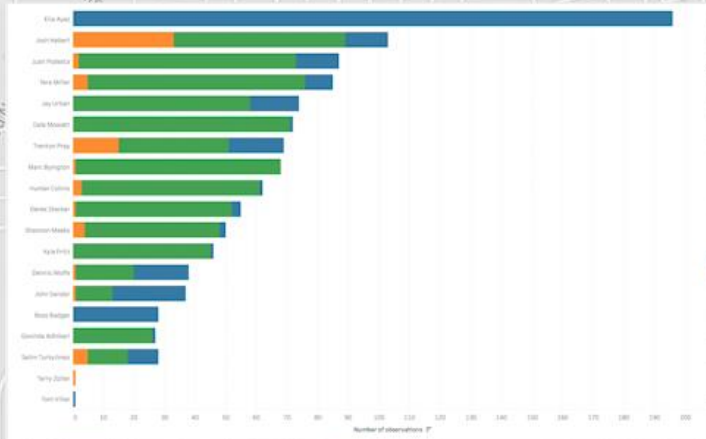
*Storm water conveyance system hose with a leak.***Contractor**

Kiewit-Hoffman

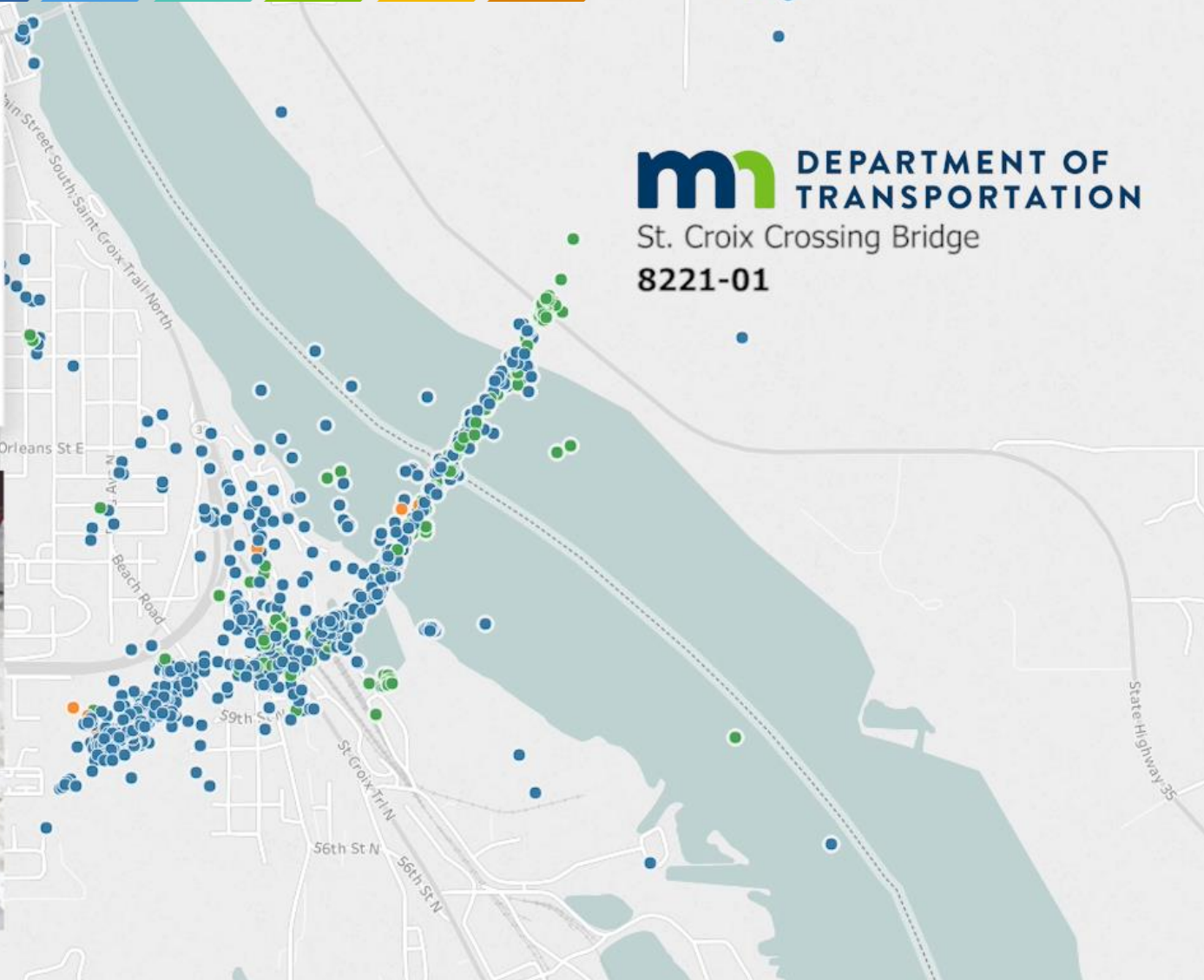
**Work Location**

WA2A: 140th Ave SE to NE 24th St

Taken at 8:11 am, Thursday, October 19, 2017



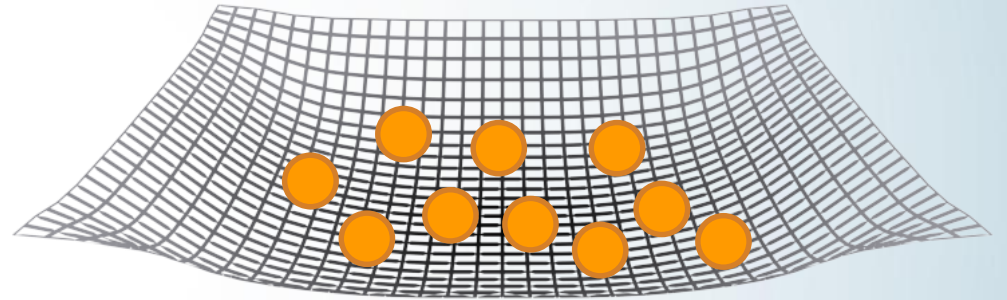
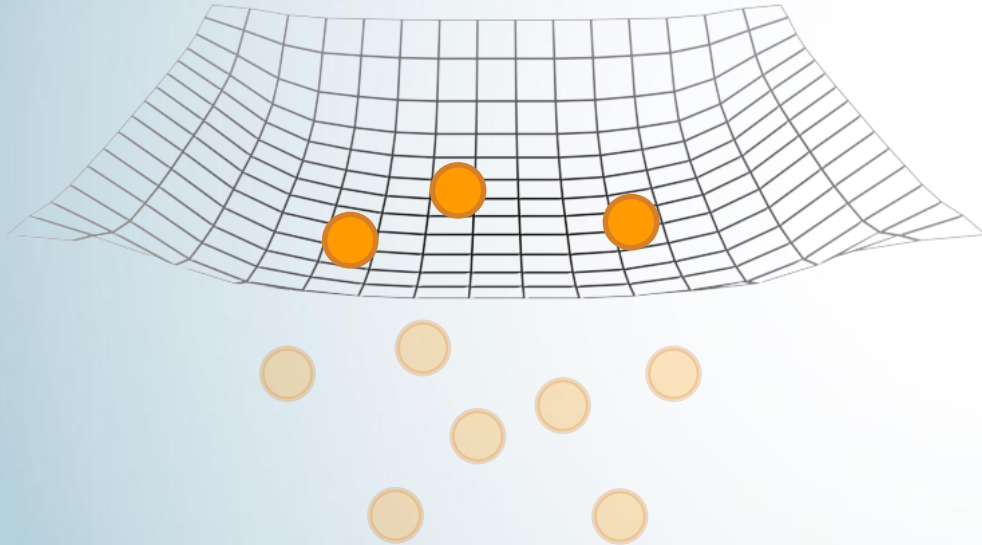
**m** DEPARTMENT OF  
TRANSPORTATION  
St. Croix Crossing Bridge  
8221-01



# ST. CROIX CROSSING



# REDUCE RISK WITH A BETTER SAFETY NET



An aerial, top-down view of a multi-lane highway. The road is dark asphalt with white dashed lane markings. Several cars are visible, including a white sedan in the upper left, a yellow car in the center, and several orange and blue cars in the lower half. The highway is flanked by concrete barriers. The text "Thank You." is centered in the middle of the image.

**Thank You.**