



8TH ST. SW RECONSTRUCTION



► Contractor: Elder Construction

► Low Bid: \$4,349,900

▶ lowa DOT Funding: \$2,770,000

➤ Constructed 2020 – 2022

► Eastbound Lane Reconstruction Only

8TH ST. SW RECONSTRUCTION OVERVIEW



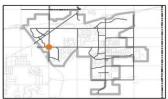
ocal Road Safety Plan Signalized Intersection GPS ID: 434897 oject Description for Intersection Improvements Location Description

Project Name: 34TH AVE SW & 8TH ST SW Agency Name: City of Altoona

Contact Name: Dostart, John

Road: 34TH AVE SW SICL Rank: 3 Road: 8TH ST SW

> Date: 4/30/19 Prepared By: DJG/DVM Checked By: MMO







Item Description	NB	SB	EB	WB	Quantity	Unit	Ur	nit Price	- 11	Item Cost
Install "Left Turn Yield on Flashing Yellow Arrow" Sign (R10-YY)	Х	Х	Х	Х	4	LEG	\$	250	\$	1,000
Trim Vegetation on Northwest Quadrant					1	QUAD	\$	1,500	\$	1,500
Repair Pedestrian Push Buttons					4	EA	\$	250	\$	1,000
Install Backplates on Side-Mounted Signals with Retroreflective Borders					4	HEAD	\$	100	\$	400
Install Retroreflective Backplates at Intersection					1	INT	\$	500	\$	500
							_		_	
	_				2					
					Short Term	Improvem	ents	Subtotal:	\$	4,400
					Mobilization			10%		2,500
					raffic Contr			5%		220
		Contingency: (% +/-) 20%							880	

Item Description	NB	SB	EВ	WB	Quantity	Unit	Unit Price		Item Cost	
Provide ADA-Compliant Ramps	X	Х	Х	Х	4	LEG	\$	3,200	\$	12,800
Install a Right-Turn Lane				Х	1	LEG	\$	150,000	\$	150,000
Extend Left-Turn Lane Storage**	T		Х	Х	2	LEG	\$	75,000	\$	150,000
Narrow Lanes and Provide ADA Pedestrian Refuge Islands to Shorten Crossing Times and Improve Signal Operations	х	х	х	x	4	LEG	\$	35,000	\$	140,000

ocal Road Safety Plan Signalized Intersection oject Description for Intersection Improvements **Location Description**

Project Name: 36TH AVE SW & 8TH ST SW Agency Name: City of Altoona

Road: 36TH AVE SW Road: 8TH ST SW

SICL Rank: 6

stimated Short-Term Improvements Project Cost: \$

Date: 4/30/19 Prepared By: DJG/DVM Checked By: MMO







8TH ST. SW RECONSTRUCTION

Incorporated three high priority intersection improvements.

ADA Curb Ramp Improvements

Accessible Pedestrian Signals

Add Right Turn Lane at 34th Ave. SW

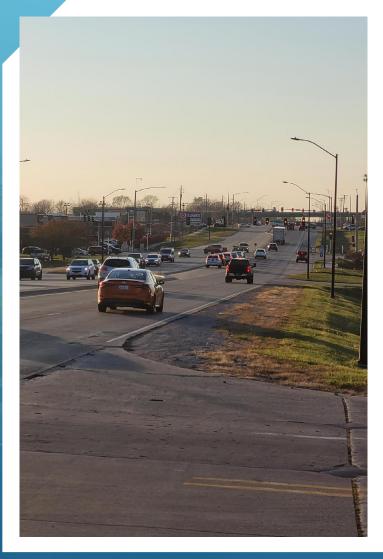
ocal Road Safety Plan Signalized Intersection roject Description for Intersection Improvements **Location Description** GPS ID: 434929 Project Name: 17TH AVE SW & 8TH ST SW Road: 17TH AVE SW SICL Rank: 12 Agency Name: City of Altoona Road: 8TH ST SW Prepared By: DJG/DVM Checked By: MMO















ADDITIONAL LEFT TURN STORAGE

- Construction of a median barrier.
- Supported by:
 - Local Roads Safety Plan
 - Additional Traffic Study
 - Construction of a large apartment complex nearby.





1ST AVE. N & 9TH ST. N ROUNDABOUT







Identified as tied for 3rd Highest Unsignalized Intersection Risk



