



DTSD – SE Region
Intersection Safety Evaluation

Intersection Description

Intersection: USH 18 & CTH O/Pilgrim Parkway

County: Waukesha

Municipality: Elm Grove

Request for Evaluation

Reason for Request: Request from Sheri/Elm Grove for potential HSIP funds.

Request:

Requested By: Stacey Pierce

Request Date: April 27, 2017

Completed By: Mike Borck

Completion Date: May 1, 2017

Crash Data

Crash Rate	Crashes by Year		Crashes by Severity				
	Year	Total Crashes	K	A	B	C	PDO
.76 <small>(Crashes/ Million Entering Veh.)</small>	2012	19			2	8	9
	2013	20				7	13
	2014	18			1	8	9
	2015	10				5	4
Fatal and Injury % 48%	2016	14			1	5	7
	Total	81			4	35	42
	Avg.	16.2	24hr Entering Volume / ADT			58,321	
	<i>Pre 2017</i>	2	Year of Count			2013	

Crash Rate= (Avg. # of crashes*10⁶) / (365*ADT) **Preliminary 2017 crashes not included in calculations**

HSM spreadsheet: [\\dotwkefile1p\N3PUBLIC\SPO\Operations\Safety\Intersection, Segment & Project Files\SER Signal Safety.xlsx](#) (Add crash and volume statistics)

History, Safety Issues and Actions Taken

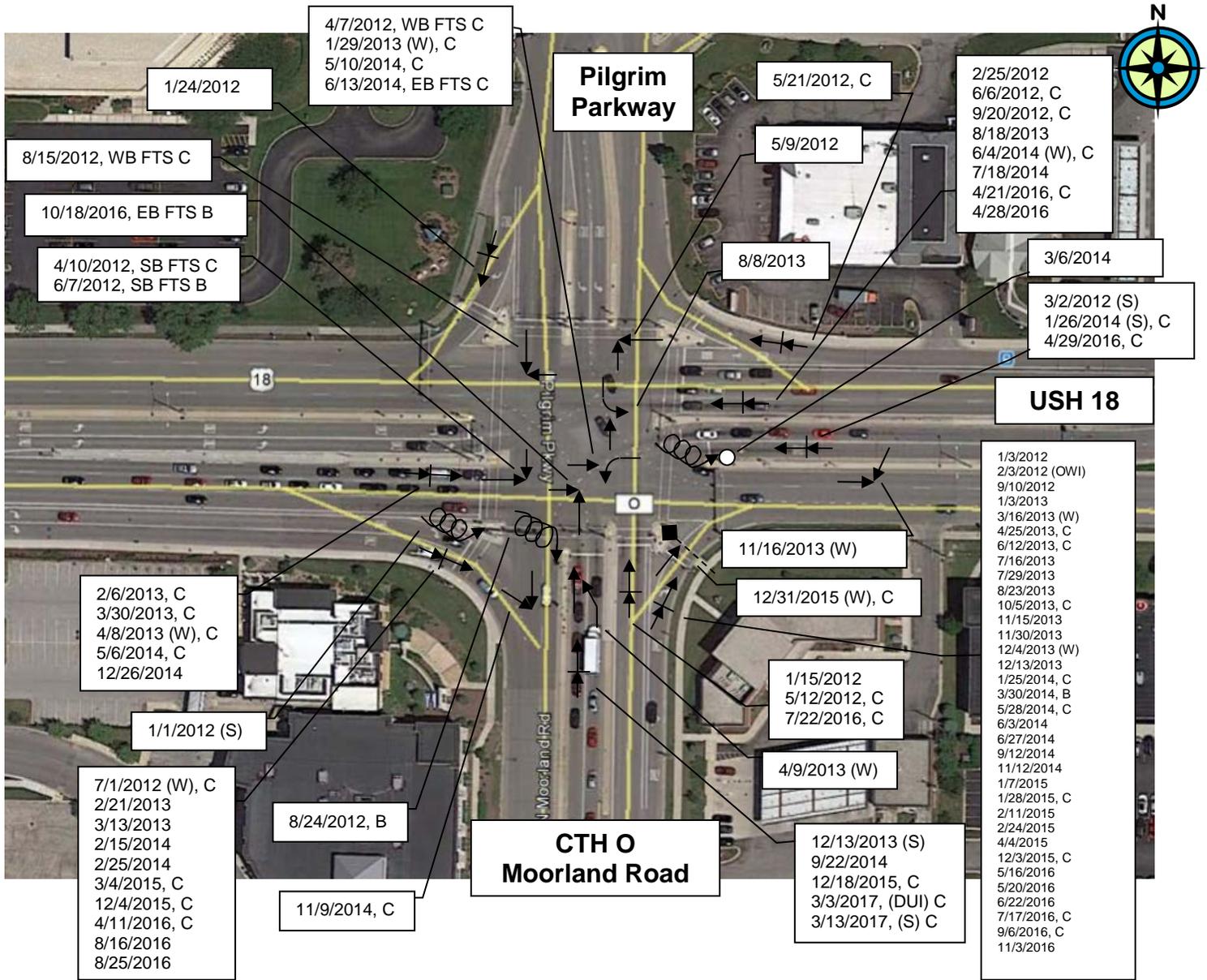
Changes During Study Period:	Monotubes installed in 2012, Adaptive equipment installed in February 2014
Safety Issues:	NB RT & EB RT rear end crash trends.
Actions:	



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Waukesha County

January 2012-Preliminary 2017



LEGEND							
○ Signal/Sign Post Bicycle	↖ Right Angle	↔ Out of Control	(S) = SNOW-ICE	K = FATAL		
● Tree/Utility Pole	◆ --- Pedestrian	↙ Left Turn	↔ Rear-End	(W) = WET	A = INCAPACITATING		
□ Non-Fixed Object	← --- Non-Contact Vehicle	↘ Right Turn	↔ Head-On	(F) = FOG-MIST	B = NON-INCAP.		
■ Fixed Object	↔ Backing Vehicle	↗ Sideswipe-Same	↗ Overtake	(DUI) = ALCOHOL	C = POS. INJURY		
▭ Parked Vehicle	← Moving Vehicle	↘ Sideswipe-Opp.	↘ Overtake	OR DRUG USE	BLANK = PDO		