

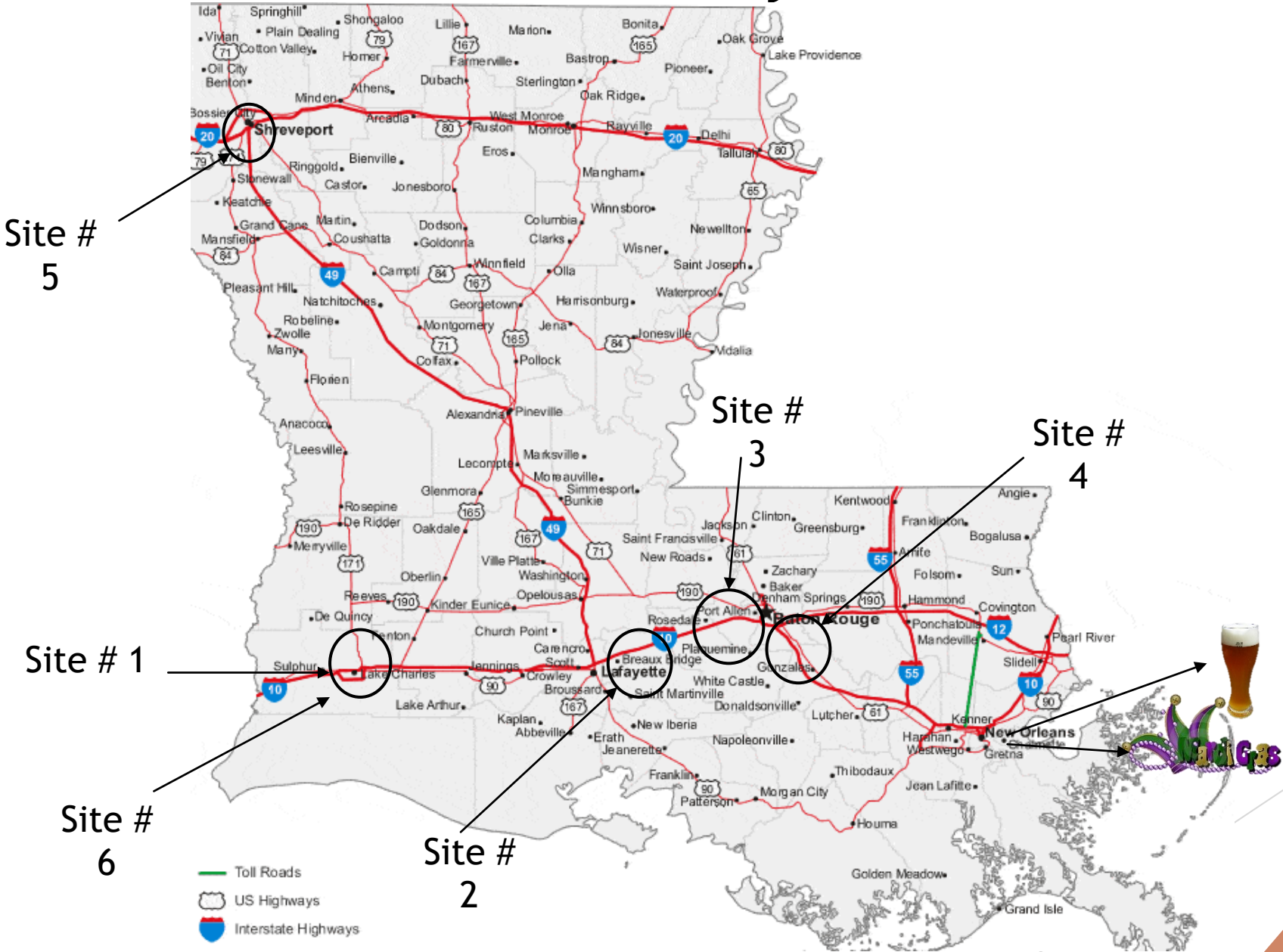


# Work Zone ITS in Louisiana

**Barry Lacy, P.E.**



# Queue Detection System Sites



# Work Zone ITS Stats

State Project #	H.012823	H.003003	H.003014	H.009250	H.009575	5/30/2018 Letting H.010916
<b>Project Description</b>	I-10 Lake Charles	I-10 Lafayette	I-10 Henderson	I-10 Prairieville	I-20 Shreveport	I-10/210 Lake Ch
<b>ADT</b>	70,000	75,000	75,000	75,000	80,000	70k + 45k
<b>Project Cost</b>	\$8,464,287	\$127,714,666	\$55,683,039	\$72,224,211	\$17,271,956	\$39,300,000
<b>ITS Cost</b>	\$800,000	\$1,068,776	\$667,429	\$1,294,953	\$247,000	\$3,840,000
<b>ITS % of Total Cost</b>	9.45%	0.84%	1.20%	1.79%	1.43%	9.77%
<b>Months</b>	3.1	26	20	22	6	24
<b>Cost/Month</b>	\$258,064.52	\$41,106.78	\$33,371.45	\$58,861.49	\$41,166.67	\$160,000.00
<b>Hardware</b>	Wanco	StreetSmart (Ver-Mac)	Wanco	Ver-Mac	Wanco	??
<b>Software</b>	PDP	JamLogic	PDP	JamLogic	PDP	??
<b>Devices</b>						
<b>PCMS w/ Cellular Communication</b>	26	22	9	32	6	37
<b>Doppler Radar</b>		25			16	
<b>Radar Speed Trailers</b>		4				
<b>Side Fire Microwave Traffic Counter</b>		2				
<b>Detection Sensor Trailers (PQT) (Doppler)</b>	59	3	11	43		59
<b>Flashing Beacon Trailers (Fold n Go)</b>	33		5	16	2	47
<b>PTZ Cameras</b>	8			4		4
<b>Penalty</b>	\$2,000/hr	\$2,000/hr	\$2,000/hr	\$2,000/hr	\$2,000/hr	\$2,000/hr
<b>2-3 second delay, not 60 seconds</b>						
<b>Others:</b>						
<b>SiteSafe - ICone (sensors), American Signal Company (PCMSs)</b>						
<b>ASTI (Work Area Protection)</b>						

# Sites 1, 2 and 3 Links

- ▶ [WANCO/PDP Lake Charles](#)
- ▶ [StreetSmart/Ver-Mac Lafayette](#)
- ▶ [WANCO/PDP Henderson](#)

# Thanks! Geaux Hawks!!

