ter vai	numeric	integer	integer	double precis	character vai	character vai
	0.000000000	0	12294	12295	119P13158	USA
	00000000	0	12294	12295	119P13158	USA
	000000	0	10755	10756	119N12752	USA
C O N S U L T A N T S, I N C.	20000	0	7671	2.000	4.0004.004.0	"SA
	00	0	10754	a an	$(7 \ )$	SA
ILLINOIS NGES	r.	0	10754	U5-52		SA
	01		10756	- Contraction		SA
STATEWIDE 🛛 🖧 🖓 🚺			10707	Dristing:	8 0 8 0 9 2008	DA SA
	, Z A		10797	Future: 😑 Camera 📕 Variable Message Sij	n 😣 Ramp Meter 🔻 Weigh in Motion Scale	SA
ANALYSIS	175		8484	US6		SA
ANALYSIS	15		4169	67 US-45	( in	SA
STUDY - ITS $f_{STUDY}$			12254			SA
			1158	9 8 8 8 8	8 mma us-30	SA
CLIENT:			253	Existing:	Weather Sensor 8 Ramp Meter 🔻 Weigh in Motion Scale	SA
Illinois Department of Transportation			2		-	SA
				2889	107N11544	USA
Karen Shoup, AIA, LEED AP				10797	119N13157	USA
Bureau Chief, Urban Program Planning				12295	119P13158	USA
IDOT Office of Planning and Programmi	ng				F	SA
CONTRACT:			_			DA SA
PTB 168, Item 29 - \$1.49 million						SA
						SA
<ul> <li>Evaluate Economic and Demographic Driv</li> </ul>	vers of Travel I	Demand		( )	XI	SA
Assess ITS Implementations Using Multip	le Methods				~ filmt	SA
Analyze and Model ITS Alternatives to Mi	tigate Conges	tion	~		1 I	SA
				Clearance Times (min) for Crashes Along I-80		SA
DAMA evaluated existing Intelligent Transportation	on System (ITS)	installations		DOT District 1 - October 2011 to December 2 276 - 380 211 - 275 1 - 135		SA
across three Interstate corridors in the Chicago, F	Rockford, and St	t. Louis			<b>↓</b> /	SA
metropolitan areas. This evaluation identified th	e locations and	capabilities				SA
along these corridors. These installations were a	Iso matched wi	th reported		1000	107817077	A
incidents and identified how ITS technologies cou	uld have respon	ded to these				
incidents.				- Kar	107212505	OOA IN
The project team evaluated conditions along eac	h corridor and (	romnared		Table 13-16: Cast Estimates of ITS Infrastruc ITS Equipment (2014) Imm	ture for the Three Study Corridors t Cost D1 Total Cost dollars) Visite No. Low Niete	17.22
existing installations to the FHWA recommendati	ons for optimal	ITS		ed Circuit Television (CCTV) Video \$7,000 era V Video Camera Tower \$5,000	Estimate         Estimate         Estimate           \$15,000         21         \$147,000         \$315,000           \$14,000         21         \$105,000         \$294,000	1.38
installations. DAMA developed dynamic simulati	on models for e	each corridor	Har Sur Cor Mil	ware, Software for Traffic \$138,000 elilance duit Design and Installation (Per \$53,000 ) r Optic Cable Installation (Per Mile) \$21,000	\$169,000         1         \$138,000         \$169,000           \$79,000         28         \$1,484,000         \$2,212,000           \$555,000         56         \$1,176,000         \$3,080,000	1000
in the VISSIM modeling package to represent exis	sting and recom	mended	Dyn Dyn Soft Dis	amic Message Sign \$92,000 amic Message Tower \$141,000 ware for Traffic Information \$18,000 emination \$18,000	Same         1         \$92,000         \$92,000           Same         1         \$141,000         \$141,000           \$23,000         1         \$18,000         \$23,000	2000
improvements due to the recommended changes	s. The VISSIM s	imulations	We Tot	gh-in-Motion Device \$46,000	5193,000 0 50 50 \$3,529,000 \$6,782,000	1000
evaluated additional scenarios including the impl	ementation of	truck-only toll		(2014 Low Estimate	High         No.         Low         High           Estimate         Estimate         Estimate         Estimate	
lanes, variable speed limits, and adaptive ramp n	netering. DAM	A developed	Citi Can Citi Hari Sur	ed Circuit Television (CCTV) Video 57,000 era V Video Camera Tower 55,000 sware, Software for Traffic \$138,000 ellance	\$15,000 5 \$35,000 \$75,000 \$14,000 5 \$25,000 \$70,000 \$169,000 1 \$138,000 \$169,000	
cost estimates for the recommended improveme benefits of these improvements	nts and the est	imated	Cor Mil Fib	duit Design and Installation (Per \$53,000 ) r Optic Cable Installation (Per Mile) \$21,000 amic Message Sign \$92,000 amic Message Sign \$92,000	\$79,000         6         \$318,000         \$474,000           \$55,000         12         \$252,000         \$660,000           Same         0         \$0         \$0           Came         0         \$0         \$0	
			Soft Dis Ran We	ware for Traffic Information \$18,000 emination p Meter \$19,000 gh-in-Motion Device \$46,000	\$23,000         0         \$0         \$0           \$38,000         1         \$19,000         \$38,000           \$193,000         1         \$46,000         \$193,000	
The project team also developed methods and to	ols to help age	ncies	Tot	ls	\$833,000 \$1,679,000	
to compare the costs and benefits of ITS installat	ions to other co	orridor ories	Ilino	s Statewide Congestion Analysis Study – Chapter 13	- Evaluation of Three Corridors (DRAFT) 13-30	17567776
improvements and balance needs across geograf	and taleg	01103.		IMAGE SO	DURCE: ESRI, Inc., and Others	. "Basemap:
				Retrieved	30 October 2015.	
				107	N050	35