

City of Ione

Regional Projects *(RTP Table 5)*

Location	Description	Time Frame ¹	Cost Est.	Revenue				
				STIP		SHOPP Minor	RTMF	Other Source ²
				RIP	HP-/ATP			
Shakeley Lane	Sidewalks and bike signage	10 Year	\$550,000		\$550k		(X)	(X)
West Marlette	Bicycle & Pedestrian Improvements	10 Year	\$500,000		(X)		(X)	(X)

Local Projects *(RTP Appendix G)*

Location	Description	2015 Cost (x1000)	2025 Cost (x1000)	2035 Cost (x1000)
Fairway Drive Extension	New connection between Shakeley Ln and Edgebrook, Unit #5	\$120	\$150	\$180
West Marlette Street	Widening, reconstruction and ROW acquisition	\$503	\$614	\$725
West Marlette St. from Violet Ln to Old Stockton Rd.	Minor Improvements	\$2,500	\$3,112	\$3,725
Shakeley Ln. from SR 104 to Fairway Dr.	Minor Improvements	\$1,800	\$2,250	\$2,700
Waterman Road	Minor Reconstruction; Complete reconstruction of 1500 feet	\$184	\$212	\$240
Waterman Road	Minor Reconstruction; Complete reconstruction of 1500 feet	\$115	\$145	\$175
Waterman Rd. from SR 104 to SR 124	Full Reconstruction	\$5,700	\$6,950	\$8,200
Buena Vista Road Widening	Widening and drainage improvements	\$230	\$290	\$350
East Main Street Reconstruction	Widen and reconstruct east of Ione Street	\$520	\$650	\$780
Jackson Street Improvements	Expansion from Church Street to Sacramento Street	\$140	\$175	\$210
Sutter Lane from SR 104 to Shakeley Ln.	Minor Improvements	\$825	\$1,025	\$1,225
	Subtotal	\$12,637	\$15,573	\$18,510

**STATE HIGHWAY SYSTEM
PROJECTS**

(RTP Table 5)

Location	Description	Time Frame ¹	Cost Est.	Revenue				Other Source ²
				STIP		SHOPP Minor	RTMF	
				RIP	#P/ATP			
West Ione Regional Improvement Strategy								
SR 104 / Golf Links Dr	Intersection improvements	20 Year	\$1,500,000	\$1.5m		\$1.5m	(X)	
WIRIS A	A. Construct Collector w/ New Development	20 Year	\$6,900,000				(X)	\$6.9m
WIRIS B	B. Construct Collector w/ New Development	20 Year	\$6,000,000				(X)	\$6m
WIRIS C	C. Upgrade To Collector Standard	20 Year	\$722,000				\$3m	\$1.049m
WIRIS D	D. Upgrade To Collector Standard(bridge)	20 Year	\$629,000				(X)	
WIRIS F	F. Construct Bypass	(+/-20 year)	\$8,100,000				(X)	(X)
WIRIS G	G. Construct Bypass	(+/-20 year)	\$22,300,000				(X)	(X)
WIRIS H	H. Construct Bypass	(+/-20 year)	\$11,900,000	(X)			(X)	(X)
WIRIS I	I. Construct Bypass	(+/-20 year)	\$46,000,000	(X)	(X)		(X)	(X)
SR 104 @ PM 5.82	WB left-turn lane	+20 year	\$1,200,000			(X)	(X)	(X)
SR 104: E.Main to Elementary School	Sidewalks, bike lanes, school access & safety	10 Year	\$350,000			\$350	(X)	\$350k
SR 104: Michigan Bar to Foothill Blvd	Minor improvements	+20 year	\$15,000,000				(X)	(X)
SR 104: Shakely Ln to Sutter Ln	sidewalks and bike signage	10 Year	\$250,000			\$250k	(X)	\$250k
SR 124 / Howard Park / Ione Parkway Dr	Turn Pockets and Intersection improvements	20 Year	\$1,500,000	\$1.5m		\$1.5m	(X)	
SR 124: E. Main St to Howard Park	Complete sidewalks & pedestrian crossings	20 Year	\$175,000			\$175k	(X)	\$175k
SR 124: E. Main St to Sutter Ione Rd	Major improvements	+20 year	\$21,000,000			(X)	(X)	(X)
Ione State Highway total			\$142,026,000					

City of Jackson

Regional Projects

(RTP Table 5)

Location	Project Description	Time Frame ¹	Cost Est.	Revenue				
				STIP		SHOPP Minor	RTMF	Other Source ²
				RIP	HP- / ATP			
Broadway: Clinton to SR 49	Add traffic calming, NEV/bike lanes, sidewalks, & ped crossing	(+/-20 year)	\$1,200,000		\$1.2m		(X)	(X)
China Grave Yard Rd	Widen shoulders, drainage, shoulders, safety signage, overlay	10 Year	\$320,000	\$320k			(X)	\$320k
Jackson Gate Rd	Widen shoulders, resurface, etc.	(+/-20 year)	\$800,000	(X)			(X)	(X)
"Jackson Local Collector"	Construct local collector from SR 49/88 to SR 88	(+/-20 year)	\$15,200,000	(X)			(X)	(X)
N. Main Street: Jackson Gate Rd to SR 49	Widen shoulder & add sidewalks	(+/-20 year)	\$1,000,000				(X)	(X)
NEW YORK RANCH RD: COURT ST TO CHINA GRAVEYARD RD	Add bike lanes & sidewalks	(+/-20 year)	\$2,800,000		(X)		(X)	(X)
Sutter Street Extension (\$8m total)								
Sutter Street Extension A: Sutter St to Hoffman'	A. New Connection	(+/-20 year)	\$10,000,000	\$2.2m			\$3.2m	\$2.6m
Sutter Street Extension B: Hoffman from Sutte St to Argonaut Ln	B. Improve to Collector Standards	(+/-20 year)	\$2,800,000	(X)			(X)	(X)
			\$34,120,000					

Local Projects

(RTP Appendix G)

Project Title	Location/Description	2015 Cost (x1000)	2025 Cost (x1000)	2035 Cost (x1000)
Court Street Conversion	Restripe and convert to one-way from Main to Summit	\$5	\$7	\$9
North Main Pedestrian Safety / Traffic Calming	Construct sidewalks, crosswalks, widen shoulders, and add safety signage	\$684	\$842	\$1,000
South Broadway	Add curb, gutter, sidewalks, crosswalk, and traffic calming roundabout in	\$1,077	\$1,455	\$1,832

Stasal St.	Road rehabilitation		\$250	\$313	\$375
French Bar Rd.	Road rehabilitation		\$360	\$435	\$510
Summit St.	Road rehabilitation		\$175	\$217	\$260
Subtotal			\$2,551	\$3,269	\$3,986

STATE HIGHWAY SYSTEM PROJECTS		(RTP Table 5)						
Location	Description	Time Frame ¹	Cost Est.	STIP		Revenue		Other Source ²
				RIP	HP/ATP	SHOPP Minor	RTMF	
SR 49/88 Jackson Corridor Improvement Project (\$33.1m total)								
SR 49/88 Jackson Corridor PA/ED	Project Approval / Environmental Document	10 Year	\$1,200,000	\$1.2m		\$1.2m	(X)	
SR 49/88 Jackson Corridor PS&E	Plans, Specifications, and Estimates	10 Year	\$1,400,000	\$1.4m		\$1.4m	(X)	
SR 49/88 Jackson Corridor ROW	Right-of-Way	10 Year	\$1,800,000	(X)		(X)	(X)	
SR 49/88 Jackson Corridor A: SR 49/88 from "Jackson Local Collector" to Main	A. Curb ramps & sidewalks	20 Year	\$2.4m			\$2.4m	(X)	\$2.4m
SR 49/88 Jackson Corridor B: SR 49/88 from Main St to SR 88 Intersection	B. Curb ramps, sidewalks, crosswalks	21 Year	\$6.7m		\$6.7m			
SR 49/88 Jackson Corridor C: SR49/88 Intersection	C. : Widen bridge & add Lft. turn pockets, improve ped crossing	20 Year	\$6.4m		\$6.4m			
SR 49/88 Jackson Corridor D: SR 49 from SR 88 to Clinton Rd & from South Ave.	D. Sidewalks from SR 88 to Schober Ave. & add SB lane & sidewalk from French	20 Year	\$3,600,000			\$3.6m	(X)	\$3.6m
SR 49/88 Jackson Corridor E: SR 49/So. Broadway	E. : Realign & signalize intersection	(+/-20 year)	\$2,400,000			(X)	(X)	(X)
SR 49/88 Jackson Corridor F: SR 88 from Broadway to Court Street	F. Curb ramps, sidewalks, ped crossing, signalize SR 88/Mission intersection, &	(+/-20 year)	\$7,200,000			(X)	(X)	(X)
SR 49/88: Argonaught to Vogan Toll Rd	Widen shoulders	+20 year	\$1,200,000	(X)	(X)	(X)	(X)	
Jackson State Highway Total			\$18,800,000					

City of Sutter Creek

Regional Projects (RTP Table 5)

Location	Description	Time Frame ¹	Cost Est.	Revenue				
				STIP		SHOPP Minor	RTMF	Other Source ²
				RIP	HP-/ATP			
Eureka Rd / Sutter Hill Rd	Intersection improvements	+20 year	\$100,000	(X)				(X)
Old Ridge Rd / Eureka Rd	Intersection improvements	+20 year	\$75,000	(X)				(X)
Ridge Rd / Old Ridge Rd	Intersection Improvements	(+/-20 year)	\$450,000	(X)				(X)
Ridge Rd: Sutter Hill Rd to Old Ridge Rd	Widen shoulders & rehab pavement	(+/-20 year)	\$350,000	(X)				(X)

Local Projects

(RTP Appendix G)

Location	Description	2015 Cost (x1000)	2025 Cost (x1000)	2035 Cost (x1000)
Gopher Flat Road	Broad Street to Oak Knoll Subdivision. Reconstruct to collector standards	\$216	\$270	\$324
Raylan Drive	SR 49 to David Drive, reconstruct to local street standards	\$280	\$350	\$420
Spanish Street	North Amelia Street to Keyes Street, reconstruct to local street standards	\$175	\$220	\$265
Badger Rd and Allen Ranch Rd	Intersection and improve to local street standards to Mill Street	\$170	\$210	\$250
South Canyon Dr	Bridge at Sutter Creek	\$540	\$652	\$765
Sutter Hill Rd	Old Ridge Road to Ridge Road, right-of-way acquisition and construct to	\$380	\$467	\$555
	Subtotal	\$1,761	\$2,169	\$2,579

STATE HIGHWAY SYSTEM PROJECTS		(RTP Table 5)								
Location	Description	Time Frame ¹	Cost Est.	Revenue			Other Source ²			
				RIP	HP/ATP	SHOPP Minor	RTMF			
SR 104/Prospect Dr./Bowers Dr	Signalize intersection	(+/-20 year)	\$1,600,000			(X)	(X)	(X)		

City of Amador City

(No local road improvement projects beyond routine road maintenance)

City of Plymouth

Regional Projects *(RTP Table 5)*

None

Local Projects *(RTP Appendix G)*

Location	Description	2015 Cost (x1000)	2025 Cost (x1000)	2035 Cost (x1000)
Empire St.	Widen 1,600, add paved shoulders, curb, gutter, sidewalks, and street	\$1,680	\$2,080	\$2,480
Locust St.	Add curb, gutter, sidewalk, storm drain, street lighting, and traffic calming	\$400	\$500	\$600
Main St.	Rehabilitate 2,400 of Main St. to improve existing cross-slope, curb,	\$2,610	\$3,260	\$3,910
East Pacific St.	Add curb, gutter, sidewalk, storm drain, street lighting, and traffic calming	\$1,780	\$2,180	\$2,580
West Pacific St.	Construct new roadway including trail connections and new entrance for RV	\$2,030	\$2,522	\$3,015
Poplar St.	Widen 950' to add paved shoulders, curb, gutter, sidewalk, and street	\$930	\$1,165	\$1,400
Sherwood St.	Add street lighting and traffic calming	\$310	\$392	\$475
	Subtotal	\$10,960	\$13,619	\$16,280

STATE HIGHWAY SYSTEM PROJECTS		(RTP Table 5)								
Location	Description	Time Frame ¹	Cost Est.	STIP			Revenue		Other Source ²	
				RIP	HP-/ATP	SHOPP Minor	RTMF			
SR 49 Plymouth Corridor Improvement Project (\$16m total)										
SR 49 Plymouth Corridor PA/ED	Project Approval / Environmental Document	20 Year	\$1,300,000	\$1.3m		\$1.3m	(X)			
SR 49 Plymouth Corridor A: Main St to Poplar	A. Intersection & multimodal improvements	20 Year	\$3,000,000	(X)		(X)	(X)	(X)		
SR 49 Plymouth Corridor B: Poplar to Empire	B. Intersection & multimodal improvements	20 Year	\$3,500,000	(X)		(X)	(X)	(X)		
SR 49 Plymouth Corridor C: SR 49/Empire	C. Intersection & multimodal improvements	20 Year	\$3,500,000	\$1.5m		\$1.5m	\$2m			
SR 49 Plymouth Corridor D: SR 49/Zinfandel Rd	D. Intersection & multimodal improvements	20 Year	\$2,600,000			\$2.6m	(X)	\$2.6m		
SR 49 Plymouth Corridor E: Zinfandel to City Limits	E. Add multi-modal pathway	20 Year	\$2,600,000	(X)			(X)	(X)	(X)	
SR 49: SR 16 to Plymouth	Widen shoulder, add bike lane & safety signage	+20 year	\$340,000				(X)	(X)	(X)	
Plymouth State Highway total			\$16,840,000							

County of Amador

Regional Projects (RTP Table 5)

Location	Description	Time Frame ¹	Cost Est.	Revenue					
				STIP		SHOPP Minor	RTMF	Other Source ²	
				RIP	HP/ATP				
Wicklow Way Extension									
Wicklow Way Extension B: Wicklow Way to Stony Creek	B. Wicklow Way to Stony Creek: Construct Collector w/ New	(+/-20 year)	\$4,200,000	\$2m			\$2.2m	(X)	
Wicklow Way Extension C: Stony Creek from Argonaut to Wicklow	C. Improve to Collector Standards	(+/-20 year)	\$2,600,000	(X)			\$400k		\$2.2m
Buena Vista Rd @ Jackson Valley Rd	Improve shoulders/drainage & rehab pavement	(+/-20 year)	\$238,000	(X)			(X)		(X)
Camanche Rd: South of Jackson Valley	Reconstruction	+20 year	\$12,800,000	(X)			(X)		(X)
Climax Rd	Improve shoulders/drainage, rehab pavement, curve corrections	(+/-20 year)	\$747,000	(X)			(X)		(X)
Climas Rd: Ridge Rd to SR 88	Reconstruction	+20 year	\$13,500,000	(X)			(X)		(X)
Fiddletown Rd @ PM 6.45	Improve shoulders pavement rehab, curve corrections	(+/-20 year)	\$375,000	(X)			(X)		(X)
Fiddletown Rd @ PM 9.0	Improve shoulders, pavement rehab, curve corrections	(+/-20 year)	\$1,100,000	(X)			(X)		\$1.1m
Jackson Valley Rd @ Boring Property	Improve shoulders/drainage & rehab pavement	(+/-20 year)	\$818,000	(X)			(X)		(X)
Jackson Valley Rd: Buena Vista to SR 88	Reconstruction	+20 year	\$9,200,000	(X)			(X)		(X)
Jackson Valley Rd: Camanche to Buena Vista Rd	Reconstruction	+20 year	\$2,600,000	(X)			(X)		(X)
Latrobe Rd @ Lorentz Rd	Curve correction, widen shoulders, overlay	10 Year	\$559,000	\$559k			(X)		(X)
Latrobe Rd	Various Locations: Widen roadway & shoulders	+20 year	\$676,000	\$676k			(X)		(X)
Michigan Bar Rd Corridor	Improve shoulders, pavement rehab, curve corrections	(+/-20 year)	\$416,000	(X)			(X)		\$416k
Michigan Bar Rd	Improve 3 RR Crossings	+20 year	\$1,300,000	(X)			(X)		(X)

Regional Projects (RTP Table 5)

Project Name	Description	(+/-20 year)	Estimated Cost	Priority	Notes	Estimated Cost
NY Ranch Corridor	Improve shoulders, pavement rehab, curve corrections	(+/-20 year)	\$731,000	(X)		\$731k
NY Ranch Rd @ PM 1.81	Improve shoulders & rehab pavement	(+/-20 year)	\$718,000	(X)		(X)
Ridge Road Corridor Improvement Project (\$1.4 m)		+20 year	\$650,000	(X)		(X)
Ridge Road Corridor A: Ridge Rd./Climax Rd	A. Realign intersection & revise stop control	+20 year	\$350,000	(X)		(X)
Ridge Road Corridor B: Climax Rd. to Ponderosa Way	B. Widen shoulders & improve drainage	+20 year	\$425,000	(X)		(X)
Ridge Road Corridor C: Ponderosa Way to SR 88	C. Improve drainage, add sidewalk & safety signage	+20 year	425,000	(X)		(X)
Ridge Rd./Running Gold	WB receiving pockets, lft turn pocket, accel lane	(+/-20 year)	\$800,000	(X)		(X)
Ridge Rd.; Climax Rd. to SR 88	Reconstruction	+20 year	\$22,700,000	(X)		(X)
Ridge Rd.; New York Ranch Rd. to Climax Rd	Reconstruction	+20 year	\$7,500,000	(X)		(X)
Ridge Rd; Sutter Creek City Limit to New York Ranch Rd	Reconstruction	+20 year	\$37,100,000	(X)		(X)
Shake Ridge Rd. Corridor	Widen shoulders, drainage, crack seal	+20 year	\$841,000	(X)		(X)
Shake Ridge Rd	Widen shoulders, drainage, crack seal	(+/-20 year)	\$340,000	(X)		(X)
Shenandoah Rd. @ Bell Rd./PM 3.80	Improve shoulders/drainage, pavement rehab	(+/-20 year)	\$1,300,000	(X)		\$1.3m
Shenandoah Rd.; North of Fiddletown to El Dorado Co. Line	Reconstruction	+20 year	\$23,200,000	(X)		(X)
Shenandoah Rd.; Various Locations	Widen shoulders, improve drainage, overlay	+20 year	\$937,000	(X)		\$937k
Sierra Pacific Drive	Construct internal connector for Martell Business Park	(+/-20 year)	\$2,600,000	(X)		(X)
Sutter - Lone Rd	Roadway rehabilitation	+20 year	\$2,800,000	(X)		(X)
			\$154,546,000			

Local Projects (RTP Appendix G)

Location	Description	2015 Cost (x1000)	2025 Cost (x1000)	2035 Cost (x1000)
Barney Road	Upgrade unpaved portion	\$100	\$125	\$150
Carbondale Rd	Replace bridge at Willow Creek	\$420	\$535	\$650
Carbondale Rd	Bridge Mbgr @ Willow Creek	\$50	\$62	\$75
Carbondale Rd	Upgrade PM 0.0 to 8.5	\$2,275	\$2,843	\$3,412
Cook Road	Upgrade PM 0.0 to 1.0	\$100	\$125	\$150
Five Mile Drive	Bridge Gd. Rail RM 0.8 Mule Creek	\$50	\$62	\$75
Forest Home Rd	Upgrade PM 0.0 to 1.14	\$570	\$712	\$855
Greilich Road	Upgrade PM 0.0 to Old Sac	\$1,600	\$2,000	\$2,400
Lambert Road	Upgrade from PM 0.0 to 3.20	\$1,600	\$2,000	\$2,400
Latrobe Road	Upgrade PM 0.0 to 5.63	\$2,800	\$5,580	\$4,200
Latrobe Road	Bridge Seis.Ret @ Cosumnes	\$100	\$125	\$150
Latrobe	Bridge Guard Rail @ Lit. Ind. Ck	\$30	\$38	\$45
Lorentz Rd/Latrobe	Intersection @ Latrobe	\$60	\$75	\$90
Michigan/104	Intersection @ Hwy 104	\$100	\$125	\$150
Old Sacto Rd	Upgrade against flood (2 mi)	\$600	\$775	\$900
Sutter-lone Rd	Bridge/Culvert @ Jackass Cr	\$100	\$125	\$150
Tonzi Road	Upgrade from PM 0.0 to 5.40	\$270	\$337	\$405
Willow Crk Rd	Upgrade SR 16 to 124	\$2,375	\$2,968	\$3,562

Local Projects

(RTP Appendix G)

American Flat Rd	Upgrade from PM 0.0 to 2.92		\$1,460	\$1,825	\$2,190
Amer. Ft. Side Rd	Upgrade from PM 0.0 to 0.81		\$405	\$506	\$608
Bell Road	Upgrade from PM 0.0 to 3.88		\$1,940	\$2,425	\$2,910
Bell Rd/Hwy 49	Intersections @ Hwy 49		\$50	\$68	\$75
Bell Rd Bridges	Big Indian & Pigeon Cr. X-ings		\$720	\$576	\$720
Bunker Hill Rd	Replace Bridge @ Rancheria Cr		\$650	\$812	\$975
Cal Am Rd	Upgrade from PM 0.0 to 0.13		\$65	\$81	\$97
Fiddletown Rd	Upgrade from PM 0.0 to 16.3		\$8,066	\$10,082	\$12,099
Fiddletown Rd	Bridge Replacement @ Dry Cr		\$650	\$812	\$975
Hale Road	New bridge @ Dry Creek		\$700	\$875	\$1,050
Hale Road	Upgrade from PM 0.0 to 6.28		\$3,140	\$3,925	\$4,710
Hale Rd/Fiddletown	Intersection @ Fiddletown Road		\$100	\$125	\$150
Lawrence Road	Bridge Metal Beam Guard Rail		\$30	\$38	\$45
New Chicago Rd	Upgrade from PM 0.0 to 4.01		\$2,005	\$2,506	\$3,007
Ostrom Road	Bridge Metal Beam Guard Rail		\$30	\$38	\$45
Quartz Mt. Rd, E.	New bridges @ Rancheria & Slate		\$1,000	\$1,250	\$1,500
Quartz Mt. Rd, E.	Upgrade from PM 0.0 to 5.06		\$2,530	\$3,162	\$3,795
Shenandoah Road	Upgrade 0.1 mi W of Fid. to 0.2 mi of Bell		\$1,000	\$1,250	\$1,500
Shen. School Rd	Intersection @ Shenandoah Road		\$200	\$250	\$300

Local Projects

(RTP Appendix G)

Steiner Road	Upgrade from PM 0.0 to 2.94		\$1,000	\$1,250	\$1,500
Turner Road	Upgrade from PM 0.0 to 2.22		\$93	\$116	\$139
Turner Road	Four new bridges		\$1,110	\$1,387	\$1,665
Tyler	Upgrade from PM 0.0 to 5.06		\$2,530	\$3,162	\$3,795
Tyler	Bridge metal beam guard rail		\$30	\$38	\$45
Ashland Crossing	New SR 88 to Shake Ridge Rd 1.8		\$2,035	\$2,543	\$3,052
Bobbie Ln/Hwy 126	Intersection @ Hwy 126		\$60	\$75	\$90
Buckhorn/Pioneer	Intersection @ Pioneer Cr. Rd		\$100	\$125	\$150
Pioneer Cr. Rd/88	Intersection @ Hwy 88		\$100	\$125	\$150
Pioneer/Volcano	Replace bridge near quarry		\$750	\$937	\$1,125
Rams Horn Grade	Upgrade Shake Ridge to Volcano		\$1,440	\$1,800	\$2,160
Silver Drive	Intersection @ Hwy 88		\$100	\$125	\$150
Williams Road	Guard rail		\$50	\$63	\$75
Berry Street	Widen to two lanes (0.15 mile)		\$75	\$93	\$112
Butte Mt Cutoff	Upgrade from PM 0.0 to 0.36		\$15	\$18	\$22
Butte Mt Rd/Clinton	Intersection @ Clinton Rd PM 0.0		\$50	\$63	\$75
Charleston Rd	Upgrade PM 0.0 to 2.61		\$1,300	\$1,625	\$1,950
China Graveyard	Widen to 2 lanes PM 0.0 to 0.37		\$165	\$206	\$247
Climax Road	Upgrade from PM 0.0 to 3.02		\$1,900	\$2,375	\$2,850

Local Projects (RTP Appendix G)

Clinton Road	Bridge guard rail at PM 1.0			\$77	\$96	\$115
Clinton Road	Bridge replacement at PM 2.3			\$500	\$625	\$750
Clinton Rd/E./W.	Intersection @ E. and W. Clinton			\$100	\$125	\$150
Clinton/88	Intersection at SR 88, PM 20.8			\$430	\$537	\$645
E. Clinton Rd	Upgrade PM 0.0 to 1.49			\$745	\$931	\$1,117
Jackson Gate	Guardrail at PM .09			\$28	\$30	\$35
NY Ranch Rd	Drainage			\$500	\$625	\$750
Old Ridge Rd	Drainage facility			\$10	\$13	\$15
Oneto Rd West End	Intersection @ Shake Ridge Rd			\$50	\$63	\$75
Ousby Road	Upgrade from PM 0.0 to 0.17			\$50	\$63	\$75
PG/Volcano Rd	Bridge Mbgr at Mitchell Mine Rd			\$72	\$90	\$108
PG/Volcano Rd	Bridge Replacement			\$700	\$875	\$1,050
PG/Volcano Rd	Remove obstacles PM 0.0 to 3.0			\$524	\$655	\$786
PG V Rd/Pioneer/V	Intersection @ Pioneer/Volcano			\$50	\$63	\$75
Pioneer/Volcano	Upgrade from PM 0.0 to 2.5			\$1,250	\$1,562	\$1,875
Raven Rd/Hwy 88	Intersection @ Hwy 88			\$100	\$125	\$150
Ridge Road	Drainage at Toma Lane			\$60	\$75	\$90
Shake Ridge Rd	Upgrade from Sutter Ck to SR 88			\$10,000	\$12,500	\$15,000
Shake Ridge Rd	Intersection @ Pine Gulch Rd			\$100	\$125	\$150

Local Projects

(RTP Appendix G)

Sutter Cr Rd	Guard rail at PM 10.2 to 11.5			\$30	\$37	\$45
Sutter Cr Rd	Overlay from PM 0.0 to 11.6			\$487	\$535	\$730
Sutter Cr Rd	Replace bridge at Sutter Creek			\$150	\$187	\$225
Sutter Cr Rd	Upgrade from PM 0.0 to 11.7			\$5,850	\$7,312	\$8,775
Tabeaud Rd	Reconstr. From ACWA canal to Timberbridge Rd			\$1,733	\$2,166	\$2,599
Tabeaud Rd	Upgrade from Timber Ridge to 88			\$100	\$125	\$150
Tabeaud Rd/Clinton	Intersection @ E. Clinton Rd			\$100	\$125	\$150
West Clinton	Upgrade to two lanes			\$957	\$1,196	\$1,435
Buena Vista Rd	Remove Obst. PM 3.3			\$5	\$7	\$8
Buena Vista Rd	Turn pocket at landfill			\$65	\$81	\$97
Cam Pkwy/Bvista	Intersection			\$50	\$63	\$75
Camanche Pksy	Curve Improvements			\$150	\$187	\$225
Camanche Pksy	Coal Mine Road Intersection			\$50	\$63	\$75
Camanche Pksy	Curve at PM 1.1			\$50	\$63	\$75
Camanche Road	Upgrade Pkwy to Reser Rd			\$957	\$1,196	\$1,435
Camanche Road	Widen PM 1.0 to 1.7			\$450	\$787	\$675
Camanche Road	Realign from Res to PM 1.0			\$450	\$787	\$675
Camanche Road	Curve at PM 3.8			\$30	\$37	\$45
Camanche Road	Shoulders from Pm 0.0 to 4.2			\$60	\$75	\$90

Local Projects (RTP Appendix G)

Camanche Road	Curve at PM 3.2			\$50	\$63	\$75
Camanche Road	Intersection @ Curran Rd			\$70	\$87	\$105
Coal Mine Road	Realign and extend culvert			\$65	\$81	\$97
Curran Road	Upgrade 0.8 to 1.2 Mi N/Village D			\$150	\$187	\$225
Jackson Valley Rd	Upgrade from PM 0.0 to 7.22			\$3,610	\$0	\$3,610
Stony Ck Rd	Upgrade from PM 0.0 to 10.17			\$5,000	\$6,250	\$7,500
Stony Ck/B.V. Rd	Intersection @ Buena Vista Road			\$100	\$125	\$150
	Total City/County Local Road Improvement Costs			\$93,315	\$116,763	\$140,762
				\$123,224	\$151,393	\$182,117

**STATE HIGHWAY SYSTEM
PROJECTS**

(RTP Table 5)

Location	Description	Time Frame ¹	Cost Est.	Revenue						
				STIP		SHOPP Minor	RTMF	Other Source ²		
				RIP	HP-/ATP					
<u>SR 88/Pine Grove Improvements</u>										
SR 88/Pine Grove Improvements B: SR 88 from Climax Rd to Berry St	Realign SR 88/Climax Rd intersection, add receiving pocket; SR 88/Ridge Rd	(+/-20 year)	\$14,200,000	(X)		(X)	(X)			(X)
SR 88/Pine Grove Improvements C: SR 88 from Hilltop to Tabaud Rd	Signalize intersection, extend WB passing lane	(+/-20 year)	\$8,200,000			(X)	(X)			(X)
<u>Wicklow Way Extension</u>										
Wicklow Way Extension A: SR 88/Wicklow Way	Align Intersection w/ Sierra Pacific Dr. & Signalize	(+/-20 year)	\$4,800,000			(X)	(X)			(X)
SR 104; SR 88 to SR 49	Widen	(+/-20 year)	\$4,200,000			(X)	(X)			(X)
SR 16/Latrobe Rd	Add WB RT turn lane & EB receiving pocket	10 Year	\$750,000			\$750k				
SR 16/SR 124	Intersection improvements	+20 year	\$1,400,000				(X)			(X)
SR 49/88/Argonaut Lane Intersection	Realign & signalize intersection	10 Year	\$3,000,000			(X)	(X)			(X)
SR 49/Bell Rd	Curve correction, widen shoulders	20 Year	\$200,000			\$200k	(X)			
SR 49/Martell Rd./Jackson Gate	Add Lft. turn lanes & sidewalks	(+/-20 year)	\$875,000				(X)			(X)
SR 49/SR 104/Ridge Rd	Add Rt. turn lanes & add sidewalks to Sutter Hill Rd.	(+/-20 year)	\$1,800,000				(X)			(X)
SR 49; SR 16 to Drytown	Widen shoulders, improve ped crossing, safety signage	20 Year	\$250,000			\$250k				
SR 88/Aqueduct Rd	Intersection improvements	+20 year	\$700,000				(X)			
SR 88/Buckhorn Ridge Rd	Widen EB shoulder, correct sight distance	20 Year	\$300,000			\$300k	(X)			
SR 88/Buena Vista Rd	Intersection improvements	(+/-20 year)	\$1,500,000				(X)			(X)
SR 88/Jackson Valley Rd. (W.)	Signalize intersection	(+/-20 year)	\$1,500,000				(X)			(X)

**STATE HIGHWAY SYSTEM
PROJECTS**

(RTP Table 5)

Location	Description	Time Frame ¹	Cost Est.	Revenue				
				STIP		SHOPP Minor	RTMF	Other Source ²
				RIP	HP- / ATP			
SR 88/SR 124	Intersection improvements	(+/-20 year)	\$150,000	(X)		(X)	(X)	(X)
SR 88/SR 26	Intersection improvements	(+/-20 year)	\$350,000			(X)	(X)	(X)
SR 88/Sugar Pine Dr	Correct sight distance	+20 year	\$600,000			(X)	(X)	
SR 88/Taves Rd	Add WB lft turn pocket	+20 year	\$650,000			(X)	(X)	
SR 88/Tiger Creek Rd	Intersection Improvements	+20 year	\$500,000			(X)	(X)	
SR 88/Toyon Rd	Add WB lft turn pocket	+20 year	\$600,000			(X)	(X)	
SR 88; Columbia Dr. to Antelope Dr	Nob Hill curve correction	20 Year	\$2,500,000			\$2.5m	(X)	
SR 88; SR 104 to Wicklow Way	Widen	(+/-20 year)	\$4,600,000	(X)		(X)	(X)	(X)
SR 88; Wicklow Way to SR 49	Widen	(+/-20 year)	\$2,800,000	(X)		(X)	(X)	(X)
			County State Highway total					
			\$56,425,000					

Louisiana Transportation Research Center

Final Report 591

Evaluating Cell Phone Data for AADT Estimation

by

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TECHNICAL REPORT STANDARD PAGE

1. Report No. FHWA/LA.18/591		2. Government Accession No.	3. Recipient's Catalog No.
4. Title and Subtitle Evaluating Cell Phone Data for AADT Estimation		5. Report Date June 2018	
		6. Performing Organization Code LTRC Project Number: 16-3SA State Project Number: DOTLT1000110	
7. Author(s) Julius Codjoe, Grace Ashley, and William Saunders		8. Performing Organization Report No.	
9. Performing Organization Name and Address Louisiana Transportation Research Center 4101 Gourrier Avenue, Baton Rouge, LA 70808 Louisiana		10. Work Unit No.	
		11. Contract or Grant No.	
12. Sponsoring Agency Name and Address Louisiana Department of Transportation and Development P.O. Box 94245 Baton Rouge, LA 70804-9245		13. Type of Report and Period Covered Final Report, 5/01/2016 – 1/31/2018	
		14. Sponsoring Agency Code	
15. Supplementary Notes Conducted in Cooperation with the U.S. Department of Transportation, Federal Highway Administration			
16. Abstract <p>AADT estimation facilitates the process of determining and prioritizing funds for both road safety and improvement projects. Traffic counts over non-state roadways are normally the responsibility of local governments and the Metropolitan Planning Organizations of Louisiana's major cities. Other non-state roadways in rural and small urban areas do not have such systemic traffic counts or estimation programs so these areas tend to lack timely traffic volumes across non-state and local roads. Streetlytics is being considered as a potential supplement for systemically providing AADTs on all state and non-state roadways within Louisiana. In this study, a bivariate correlation analysis and quantitative analysis (percentage difference) were used to evaluate the comparability of Streetlytics' volume counts with traditional DOTD counts. Simple linear regression was then used to develop predictive models that accounted for the differences between the two datasets. The data was analyzed on three levels to compare Traditional count data to Streetlytics counts. Level 1 comprised all data, level 2 comprised Routine count data versus Permanent count data, and level 3 comprised Observed locations versus Unobserved locations. Overall, the results confirmed strong positive correlation between Streetlytics data and Traditional count data. Analysis of all the data in Level 1 produced a percentage difference value of 44.50% with Traditional count data reporting higher values than Streetlytics count data. Routine counts and Permanent counts analyzed at level 2 had percentage differences of 45.01% and 43.00% respectively. At level 3, Unobserved locations from Routine and Permanent count data had percentage differences of 53.90% and 43.00% respectively while a percentage difference of 23.60% was obtained for Observed locations (Routine count data). Furthermore, the percentage difference between the two datasets for Traditional count data under 300 vpd was 110.38%. For Traditional count data over 300 vpd however, the percentage difference between the two datasets was 37.08%. Approximately 10% of the data falls under 300 vpd and 3% falls below 50 vpd. The study recommends adoption of the On-Premises dataset of Streetlytics to supplement the efforts of DOTD's Traffic Monitoring Unit. The study further recommends subscribing to the Monthly data which takes into account seasonal variations and provides typical volumes for a day in a month of a given year and negotiating with the vendor to set minimum AADT value to 50 vpd from the current value of 300 vpd.</p>			
17. Key Words AADT, Streetlytics, Location Data, Transportation Analysis, Privacy		18. Distribution Statement Unrestricted. This document is available through the National Technical Information Service, Springfield, VA 21161.	
19. Security Classif. (of this report)	20. Security Classif. (of this page)	21. No. of Pages 75	22. Price