

*County of Nevada*  
*Community Development Agency*  
*Department of Public Works*

**Road Maintenance and Capital Improvement Plan**  
**2015 Annual Update**

*Fiscal Year 2014/2015 through 2018/2019*



February 2015

*County of Nevada Community Development Agency*  
*Department of Public Works*

**Road Maintenance and Capital Improvement Plan**  
**2015 Annual Update**  
*Fiscal Year 2014/2015 through 2018/2019*

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*Nevada County Department of Public Works*  
**Road Maintenance and Capital Improvement Plan**  
**2015 Annual Update**

**SECTION 1 - SUMMARIES**

**Nevada County Department of Public Works  
2015 Annual Update - Road Maintenance Plan  
Activity Summaries**

CIP No.	Maintenance		Program Strategies			Fiscal Year	Funding Sources	Expenditures Total Budget
	Activity	Description	Miles per Yr	Yearly Cycles	Average Annual \$			
<b>Roadway Preservation</b>								
RP-1	Overlays	Road and shoulder prep for Overlay Contract	9.1 miles/yr	55 yr	\$325,000	2014/2015	n/a	\$0
						2015/2016	MF	\$325,000
						2016/2017	n/a	\$0
						2017/2018	n/a	\$0
						2018/2019	n/a	\$0
RP-2	Chipseals Preparation and Operation	Preparation of roadway and chip seal application	20 miles/yr	20 yr	\$1,305,766	2014/2015	HUTA / New HUTA / Fed Forest	\$1,268,568
						2015/2016	HUTA / MF / New HUTA / Fed Forest / Trust	\$1,080,500
						2016/2017	HUTA / MF / Fed Forest / RSTP	\$1,382,884
						2017/2018	HUTA / MF / New HUTA / Fed Forest / Trust / RSTP	\$1,391,379
						2018/2019	HUTA / MF / New HUTA / Fed Forest / Trust / RSTP	\$1,405,500
<b>Drainage and Shoulder Maintenance</b>								
DSM-1	Ditch Cleaning	Clean ditches, clear culverts on all roadways	25 crew days per year		\$125,171	2014/2015	MF / New HUTA	\$121,251
						2015/2016	HUTA / New HUTA	\$123,211
						2016/2017	HUTA / MF	\$125,563
						2017/2018	HUTA / MF	\$127,915
						2018/2019	HUTA / MF	\$127,915
DSM-2	Shoulder Maintenance	Grade and maintain shoulders, minor widening	35 miles/yr	16 yr	\$567,181	2014/2015	HUTA / MF / New HUTA	\$553,858
						2015/2016	HUTA / MF / New HUTA / Fed Forest	\$562,811
						2016/2017	HUTA / MF / New HUTA / Fed Forest	\$573,555
						2017/2018	HUTA / MF / New HUTA / RSTP	\$572,841
						2018/2019	HUTA / MF / New HUTA / RSTP	\$572,841

Road Maintenance Plan - continued

CIP No.	Maintenance		Program Strategies			Fiscal Year		Funding Sources	Expenditures
			Miles per Yr	Yearly Cycles	Average Annual \$	Year	Total Budget		
<b>Vegetation Control</b>									
VC-1	Roadside brushing and tree removal	Manual brushing/tree removal for sight distance and fire suppression	65 miles/yr	9 yrs	\$195,580	2014/2015	HUTA / MF / New HUTA	\$189,455	
						2015/2016	HUTA / MF	\$192,517	
						2016/2017	HUTA / MF / New HUTA	\$196,192	
						2017/2018	HUTA / MF / New HUTA / Fed Forest	\$199,867	
						2018/2019	HUTA / MF / New HUTA / Fed Forest	\$199,867	
VC-2	Shoulder Mowing	Mechanical mowing to remove shoulder vegetation	20 miles/yr	annually	\$92,649	2014/2015	MF	\$89,748	
						2015/2016	HUTA / MF	\$91,199	
						2016/2017	HUTA / MF	\$92,939	
						2017/2018	HUTA / MF	\$94,680	
						2018/2019	HUTA / MF	\$94,680	
VC-3	Roadside Spraying	Herbicides spraying to remove noxious weeds	353 miles 2x/yr	annually	\$55,880	2014/2015	MF	\$54,130	
						2015/2016	HUTA / MF	\$55,005	
						2016/2017	HUTA / MF	\$56,055	
						2017/2018	HUTA / MF	\$57,105	
						2018/2019	HUTA / MF	\$57,105	
<b>General Maintenance</b>									
SR-1	Snow and Ice Removal - Eastern County	Snow/ice removal eastern co. roads by contract		annually	\$321,728	2014/2015	HUTA / MF / New HUTA / Fed Forest	\$302,432	
						2015/2016	HUTA / MF / New HUTA	\$312,485	
						2016/2017	HUTA / MF / Fed Forest / Trust / RSTP	\$323,617	
						2017/2018	HUTA / MF	\$335,052	
						2018/2019	HUTA / MF	\$335,052	
SR-2	Snow and Ice Removal - Western County	Snow/ice removal western co. roads w/ in-house labor		annually	\$371,416	2014/2015	HUTA / New HUTA	\$362,066	
						2015/2016	HUTA / MF / New HUTA	\$366,741	
						2016/2017	HUTA / MF / New HUTA	\$372,351	
						2017/2018	HUTA / MF / Fed Forest	\$377,961	
						2018/2019	HUTA / MF / New HUTA / Fed Forest	\$377,961	

Road Maintenance Plan - continued

CIP No.	Maintenance		Program Strategies			Fiscal Year		Funding Sources	Expenditures
	Activity	Description	Miles per Yr	Yearly Cycles	Average Annual \$	Year	Year	Total Budget	
<b>General Maintenance (continued)</b>									
SR-3	Ice Control - Western Co.	Ice control with sanding, in-house labor		annually	\$202,094	2014/2015	HUTA / MF	\$197,007	
						2015/2016	HUTA / MF	\$199,550	
						2016/2017	HUTA / MF / Trust	\$202,603	
						2017/2018	HUTA / MF / New HUTA	\$205,655	
						2018/2019	HUTA / MF / New HUTA	\$205,655	
SD-1	Storm Damage	Storm damage road reviews and perform maintenance and/or repairs as necessary		annually	\$109,240	2014/2015	MF	\$106,490	
						2015/2016	HUTA / MF	\$107,865	
						2016/2017	HUTA / MF / Fed Forest	\$109,515	
						2017/2018	HUTA / MF / Fed Forest	\$111,165	
						2018/2019	HUTA / MF	\$111,165	
BCM-1	Bridge and culvert repairs and maintenance	Minor repairs and maintenance of all culverts and bridges		annually	\$107,942	2014/2015	MF	\$100,000	
						2015/2016	HUTA / New HUTA	\$107,865	
						2016/2017	HUTA / MF / New HUTA	\$109,515	
						2017/2018	HUTA / MF / New HUTA	\$111,165	
						2018/2019	HUTA / MF	\$111,165	
<b>Routine Maintenance</b>									
RM-1	Pavement Repairs	As required, potholes, base failures, requests	413 miles	as needed	\$382,340	2014/2015	HUTA / New HUTA	\$372,715	
						2015/2016	HUTA / New HUTA	\$377,528	
						2016/2017	HUTA / MF / New HUTA	\$383,303	
						2017/2018	HUTA / MF / New HUTA	\$389,078	
						2018/2019	HUTA / MF / New HUTA	\$389,078	
RM-2	Dirt / gravel road maintenance	Road and shoulder grading	148 miles	as needed	\$338,644	2014/2015	HUTA / New HUTA	\$330,119	
						2015/2016	HUTA / New HUTA	\$334,382	
						2016/2017	HUTA / MF / New HUTA	\$339,496	
						2017/2018	HUTA / MF / New HUTA	\$344,611	
						2018/2019	HUTA / MF / New HUTA	\$344,611	

Road Maintenance Plan - continued

CIP No.	Maintenance		Program Strategies			Fiscal Year	Funding Sources	Expenditures Total Budget
	Activity	Description	Miles per Yr	Yearly Cycles	Average Annual \$			
<b>Routine Maintenance (continued)</b>								
RM-3	Signing and striping	Road / street sign installation and maintenance striping maintenance	561 miles	as needed	\$273,100	2014/2015	HUTA / New HUTA	\$266,225
						2015/2016	HUTA / New HUTA	\$269,663
						2016/2017	HUTA / MF / New HUTA	\$273,788
						2017/2018	HUTA / MF / New HUTA	\$277,913
						2018/2019	HUTA / MF / New HUTA	\$277,913
RM-4	Miscellaneous	Maintenance functions as required ie. dust control, service requests		as needed	\$871,189	2014/2015	HUTA / MF / New HUTA	\$849,258
						2015/2016	HUTA / MF / New HUTA / Fed Forest	\$860,223
						2016/2017	HUTA / MF / New HUTA / Trust	\$873,382
						2017/2018	HUTA / MF / New HUTA	\$886,541
						2018/2019	HUTA / MF / New HUTA	\$886,541
RM-5	CSA/PRD Maintenance	Road/bridge maintenance, repairs and projects as planned / scheduled by CSA and PRD's		annually	\$472,660	2014/2015	HUTA / CSA / PRD	\$472,659
						2015/2016	HUTA / CSA / PRD	\$472,659
						2016/2017	HUTA / CSA / PRD	\$472,660
						2017/2018	HUTA / CSA / PRD	\$472,660
						2018/2019	HUTA / CSA / PRD	\$472,660
ERP-1	Equipment Replacement	Replacement of maintenance equipment as necessary and required by Clean Air Act				2014/2015	HUTA / Fed Forest	\$300,000
						2015/2016	HUTA	\$300,000
						2016/2017	n/a	\$0
						2017/2018	n/a	\$0
						2018/2019	n/a	\$0

**Nevada County Department of Public Works  
2015 Annual Update - Capital Improvement Plan  
Project Summaries**

Detail Sheet Pg. #	Sup. District	PROJECT		BUDGET			Total Budget	Funding Source
		Location	Description	Design	Constr.	CE		
<b>Construction 2014</b>								
10	I & IV	Newtown Shoulders	Shoulder Improvements		\$283,576		\$283,576	Exchange
11	II	Lime Kiln Safety (HSIP)	Curve and Shoulder Improvements	\$63,518	\$248,928	\$51,520	\$363,966	Exchange / HSIP
12	II, IV	HSIP - 2014 Thermoplastic Striping	Striping	\$16,284	\$162,979	\$32,420	\$211,683	Exchange / HSIP
13	Various	2014/15 Striping	Annual spring and fall striping program	\$24,000	\$250,000	\$16,000	\$290,000	Measure F
<b>Construction 2015</b>								
14	I-III	2015 Overlay	Overlay Contract		\$1,000,000			RSTP
15	I-IV	HSIP - Signing Audit Project	Sign Audit/Update Signage	\$86,725	\$300,600	\$45,090	\$432,415	Exchange / HSIP
16	II & IV	Lime Kiln Shoulders	Shoulder Improvements	\$30,000	\$240,000	\$30,000	\$300,000	Exchange / RSTP
17	III	Brunswick / Loma Rica (HSIP)	Signal Improvements	\$172,490	\$800,000	\$80,000	\$1,052,490	Dev. Fees / HSIP
18	IV	Penn Valley Drive Safety Improvements	Road Widening	\$50,000	\$270,000	\$30,000	\$350,000	Exchange / RSTP
19	various	Local Mitigation Fee Program Update	Study/Fee Update	\$50,000			\$50,000	Dev. Fee
13	various	2015/16 Striping	Annual spring and fall striping program	\$24,000	\$250,000	\$16,000	\$290,000	HUTA / New HUTA / Measure F
<b>Construction 2016</b>								
20	I	Newtown CMAQ	Class II/III Bicycle Lanes	\$800,000	\$800,000	\$80,000	\$1,680,000	Exchange / CMAQ
21	I & III	Nevada City Sidewalk Extension (CMAQ)	Sidewalk Construction	\$79,800	\$359,000	\$62,350	\$501,150	Exchange / CMAQ
22	II	Retrac Road Bridge	Replacement	\$530,903	\$1,351,180	\$190,169	\$2,072,252	Exchange / HBP
23	V	Hirschdale Bridges - River & RR	Seismic Retrofit	\$1,641,084	\$3,310,000	\$500,000	\$5,451,084	Measure F / Exchange / Prop 1B / HBP
24	V	Maybert Bridge	Replacement	\$474,612	\$825,000	\$120,000	\$1,419,612	Exchange / Measure F / HBP
13	various	2016/17 Striping	Annual spring and fall striping program	\$24,000	\$250,000	\$16,000	\$290,000	HUTA / New HUTA / Measure F



Detail Sheet Pg. #	Sup. District	PROJECT		BUDGET				Funding Source
		Location	Description	Design	Constr.	CE	Total Budget	
<b>Construction 2017</b>								
22	II	Retrac Road Bridge	Replacement	\$530,903	\$1,351,180	\$190,169	\$2,072,252	Exchange / HBP
25	II	Garden Bar @ Little Wolf Creek	Replacement	\$330,000	\$900,000	\$120,000	\$1,350,000	Exchange / HBP
26	II	Garden Bar @ Little Wolf Creek II	Replacement	\$410,000	\$1,200,000	\$164,000	\$1,774,000	Exchange / HBP
27	IV	McCourtney @ Rock Creek	Replacement	\$410,000	\$1,200,000	\$164,000	\$1,774,000	Exchange / HBP
13	various	2017/18 Striping	Annual spring and fall striping program	\$24,000	\$250,000	\$16,000	\$290,000	HUTA / Measure F
<b>Construction 2018</b>								
28	V	Soda Springs @ Donner Pass Bridge	Replacement	\$345,000	\$1,463,000	\$175,000	\$1,983,000	Exchange / HBP
29	V	Soda Springs @ S. Yuba	Replacement	\$385,000	\$1,000,000	\$110,000	\$1,495,000	Exchange / HBP
13	various	2018/19 Striping	Annual spring and fall striping program	\$24,000	\$250,000	\$16,000	\$290,000	HUTA / Measure F
<b>Construction 2019</b>								
30	IV	Purdon @ Shady Creek	Replacement	\$412,000	\$1,675,000	\$221,000	\$2,308,000	Exchange / HBP
<b>Construction TBD</b>								
31	I	N. Bloomfield @ S. Yuba	TBD	\$220,000			\$220,000	Exchange / HBP
32	II	Combie Corridor Improvements	Phased Widening	\$514,466	\$1,273,537	\$142,737	\$1,930,741	RSTP / Dev. Fee
33	II	Dog Bar @ Bear River	TBD	\$200,000	\$300,000	\$80,180	\$580,180	Exchange / HBP
34	IV	Penn Valley Bridge Widening	Rehabilitation	\$380,000	\$1,079,281	\$129,514	\$1,588,795	Exchange / HBP
35	IV	McCourtney @ Lime Kiln Bridge	Rehabilitation	\$385,000	\$1,000,000	\$110,000	\$1,495,000	Exchange / HBP
36	V	Donner Pass Road Rehabilitation	Reconstruct Roadway	\$618,676			\$618,676	Exchange
37	TBD	HSIP Cycle 7 Projects	TBD	\$95,000	\$375,000	\$50,000	\$520,000	Exchange / CMAQ

*Nevada County Department of Public Works*  
**Road Maintenance and Capital Improvement Plan**  
**2015 Annual Update**

**SECTION 2 - Capital Project Detail Sheets**

## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	MA 2-12	
<b>Project:</b>	Newtown Shoulders (Maintenance)	
<b>Construction Year:</b>	2014	
<b>Budget:</b>	\$283,576	Supervisorial District: I & IV

**Project Description:** Widen shoulders, drainage improvements and minor sight distance improvements.

**Project Justification:** In a commitment to address roadway safety along major corridors, various road sections have been reviewed for the potential to widen shoulders, improve drainage and correct minor structural deficiencies. Newtown Road has been identified as top priority roadway for enhanced road safety as it is a major bicycle corridor.

**Design Exemptions:** None

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FUNDING						
Source	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	TOTAL
Co. Xch		\$233,576	\$50,000			\$283,576
						<b>TOTAL</b>
						\$283,576

**BUDGET/DELIVERY:**

<b>Activity:</b>	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	NA	\$283,576	NA
<b>Fiscal Year:</b>	NA	2014	NA

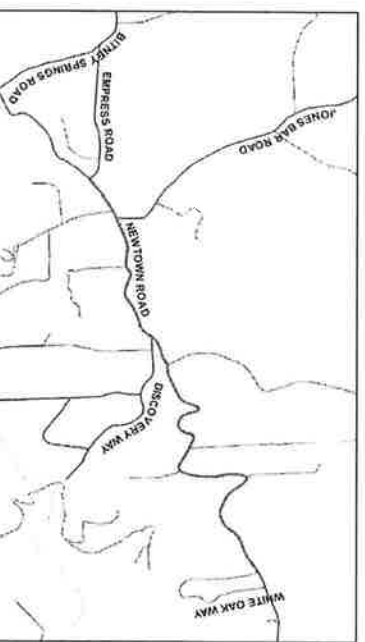
**DESIGN DATA:**

	Lane Width	Shoulder Width	Design Speed
Existing	10'	1'-2'	
Standard	12'	4'	
Proj. Design	n/a	4'	

**TRAFFIC DATA:**

Present ADT	1892
Future ADT	
Road Classification	Major Collector
Road Section No.	

**LOCATION MAP:**



# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	SA 4-12	
<b>Project:</b>	Lime Kiln Safety (HSIP)	
<b>Construction Year:</b>	2014	
<b>Budget:</b>	\$363,966	<b>Supervisory District:</b> II

**Project Description:** This is a cycle 5 Highway Safety Improvement Program (HSIP) project proposed to address an identified high accident location in western Nevada County. The project proposes to widen shoulders, provide drainage and minor sight distance improvements, in addition to installing roadway signing, striping and markers along two sharp corners on Lime Kiln Road between Wolf Road and Bald Hill Road.

**Project Justification:** In a commitment to address roadway safety along major corridors, various road sections have been reviewed for the potential to widen shoulders, improve drainage and correct minor structural deficiencies. Lime Kiln Road has been identified as top priority roadway for enhanced road safety as it is characterized by narrow winding sections with poor site distances and a relatively high accident history.

**Design Exemptions:** None

FUNDING						
Source	Prior Year	2012/2013	2013/2014	2014/2015	2015/2016	TOTAL
HSIP		\$11,753	\$27,400	\$254,813		\$293,966
Exchange		\$6,480	\$23,196	\$40,324		\$70,000
					<b>TOTAL</b>	<b>\$363,966</b>

**BUDGET/DELIVERY:**

Activity:	PE/Environ	Construction	Construction Engineering
<b>Budget:</b>	\$63,518	\$248,928	\$51,520
<b>Fiscal Year:</b>	2012/2014	2014	2014

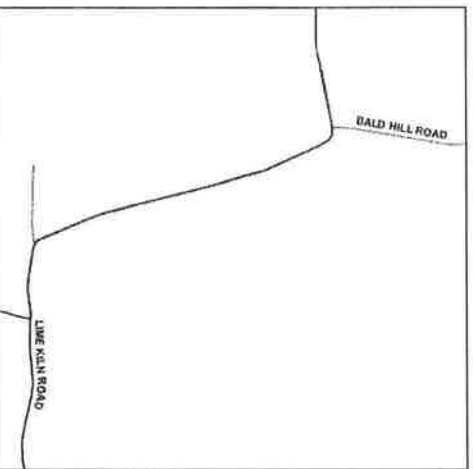
**DESIGN DATA:**

	Lane Width	Shoulder Width	Design Speed
Existing	10'	4'	
Standard	12'	4'	
Proj. Design	n/a	4'	

**TRAFFIC DATA:**

Present ADT	2,500
Future ADT	4,000
Road Classification	Major Collector
Road Section No.	

**LOCATION MAP:**



# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	SA 1-13	
<b>Project:</b>	HSIP – 2014 Thermoplastic Striping	
<b>Construction Year:</b>	2014	
<b>Budget:</b>	\$211,683	<b>Supervisory District: II &amp; IV</b>

**Project Description:** Provide thermoplastic striping and pavement markers along rural western Nevada County Roads.

**Project Justification:** Western Nevada County is characterized by winding rural roadways with little to no shoulders. This project proposes to provide thermoplastic striping and pavement markers to provide increased safety through better visibility of center and edge lines. Nevada County Department of Public Works is currently evaluating potential road segments experiencing a high number of "run off the road" accidents.

**Design Exemptions:** None

FUNDING							
Source	Prior Yr	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Exchange	\$16,284	\$26,716					\$43,000
HSIP	\$3,035	\$165,648					\$168,683
<b>Total</b>							<b>\$211,683</b>

BUDGET/DELIVERY:			
Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$16,284	\$162,979	\$32,420
<b>Fiscal Year:</b>	2014	2014	2014

**DESIGN DATA:**

	Lane Width	Shoulder Width	
Existing Standard			
Proj. Design			

**LOCATIONS:**

- Combie Road (Magnolia Road - Rodeo Flat Road)
- Duggans Road (Wolf road - Lime Kiln Road)
- Magnolia Road (E. Hacienda Drive - Dog Bar Road)
- McCourtney Road (Beyers Lane - Lime Kiln Road)
- Mooney Flat Road (HWY 20 - End of Stripe)
- Newtown Road (Binney Springs Road - Empress Road)
- Wolf Road (HWY 49 - Duggans Road)

**TRAFFIC DATA:**

Present ADT	
Future ADT	
Road Classification	
Road Section No.	

## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>MSP-1</b>	
<b>Project:</b>	<b>Annual Striping Program</b>	
<b>Construction Year:</b>	<b>Annual</b>	
<b>Budget:</b>	<b>\$290,000 Annually</b>	<b>Supervisorial District: All</b>

**Project Description:**  
Centerline and edgeline striping on various sections of County maintained roads per striping program schedule.

**Project Justification:**  
To maintain the County roadways, the Department repaints the centerline and edgeline stripes on an annual basis.

**Design Exemptions:** None

<b>FUNDING</b>					
Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Various Local	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000

<b>BUDGET/DELIVERY:</b>			
Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>		\$290,000	
<b>Fiscal Year:</b>		Annually	

**DESIGN DATA:**

	Lane Width	Shoulder Width	Design Speed
Existing			
Standard			
Proj. Design			

**VARIOUS LOCATIONS**

**TRAFFIC DATA:**

Present ADT	
Future ADT	
Road Classification	
Road Section No.	

# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>MSP 2</b>	
<b>Project:</b>	<b>2015 Countywide Overlays</b>	
<b>Construction Year:</b>	<b>2015</b>	
<b>Budget:</b>	<b>\$1,000,000</b>	<b>Supervisorial District: I - III</b>

**Project Description:** Asphalt overlay on approximately 6 miles of County roads.

**Project Justification:** The County maintains an overlay program to protect the road infrastructure. Roads are selected by condition index.

**Design Exemptions:** None

### FUNDING

Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	TOTAL
RSTP			\$1,000,000			\$1,000,000
					<b>TOTAL</b>	<b>\$1,000,000</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction Engineering
<b>Budget:</b>		\$1,000,000
<b>Fiscal Year:</b>		2015

**DESIGN DATA:** N/A

**ROADS TO BE OVERLAYED:**

	Lane Width	Shoulder Width	Design Speed
Existing			
Standard			
Proj. Design			

**TRAFFIC DATA:** N/A

Nevada City Hwy: G. V. to N.C.	0.24 miles
Adam Ave: Squirrel Creek to Rough & Ready	0.39 miles
Butler Road: G. V. to End	0.35 miles
Walker Drive: Squirrel Creek to Butler Rd	0.59 miles
Red Dog Road: Murchie Mine to Quaker Cross	1.30 miles
Alta Street: G. V. to Ridge Road	0.63 miles
Alta Vista Drive: Alta Street to G. V.	0.09 miles
Alta Vista Ave: All.	0.28 miles
Terry Street: All	0.04 miles
Engle Street: All	0.04 miles
Bragg Avenue: All	0.28 miles
Ragan Way: Ball Road to Francis Road	0.66 miles
Pittsburg Road: Gold Flat to Banner Lava Cap	<u>0.93 miles</u>
	<b>5.82 miles</b>

Present ADT	
Future ADT	
Road Classification	
Road Section No.	

## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	SA 2-13	
<b>Project:</b>	HSIP – Signing Audit Project	
<b>Construction Year:</b>	2015	
<b>Budget:</b>	\$432,415	<b>Supervisorial District: 1-IV</b>

**Project Description:** This project is proposed to provide an understanding of the roadway network as a whole through a Roadway Safety Signing Audit (RSSA) resulting in a proactive approach to traffic safety which is expected to prevent fatalities and injury collisions resulting from improper signing.

**Project Justification:** Most of Western Nevada County is designated within either High or Very High fire hazard severity zones and the road corridors selected for this comprehensive Roadway Safety Signing Audit (RSSA) represents collector routes with a high accident history, which also serve as major secondary emergency evacuation corridors in the event that State Highway 49 is closed or blocked for any reason.

**Design Exemptions:** None

### FUNDING

Source	Prior Yr	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Exchange		\$6,056	\$47,744	\$13,494			\$67,294
HSIP		\$10,691	\$43,309	\$311,121			\$365,121
						<b>Total</b>	<b>\$432,415</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$86,725	\$300,600	\$45,090
<b>Fiscal Year:</b>	2014	2015	2015

**DESIGN DATA:**

	Lane Width	Shoulder Width
Existing Standard		
Proj. Design		

**THE RSSA WILL EVALUATE THE FOLLOWING ROADS:**

- Wolf Road (State Route 49 to Duggans Road)
- Duggans Road (Wolf Road to Lime Kiln Road)
- Lime Kiln Road (Duggans Road to McCourtney Road)
- McCourtney Road (Lime Kiln Road to Grass Valley City Limits)
- La Barr Meadows Road (Grass Valley City Limits to Dog Bar Road)
- Dog Bar Road (La Barr Meadows Road to Magnolia Road)
- Magnolia Road (Dog Bar Road to Combie Road)
- Combie Road (Magnolia Road to State Route 49)
- Greenhorn Road (Brunswick Road to 0.25 miles south of Pine Peak Road)
- N. Bloomfield Road (State Route to Rock Creek Road)

**TRAFFIC DATA:**

Present ADT	
Future ADT	
Road Classification	
Road Section No.	



# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	MA 1-13	
<b>Project:</b>	Lime Kiln Road Shoulder (Maintenance)	
<b>Construction Year:</b>	2015	
<b>Budget:</b>	\$300,000	<b>Supervisory District:</b> II & IV

**Project Description:** Widen shoulders, drainage improvements and minor sight distance improvements. Additionally, this project proposes to overlay this segment of Penn Valley Drive to address poor pavement conditions.

**Project Justification:** In a commitment to address roadway safety along major corridors, various road sections have been reviewed for the potential to widen shoulders, improve drainage and correct minor structural deficiencies. Lime Kiln Road has been identified as top priority roadway for enhanced road safety as it is characterized by narrow winding sections with poor site distances and a relatively high accident history.

**Design Exemptions:** None

### FUNDING

Source	Prior Year	2012/2013	2013/2014	2014/2015	2015/2016	TOTAL
Exchange				\$150,000		\$150,000
RSTP				\$150,000		\$150,000
						<b>TOTAL</b>
						<b>\$300,000</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$30,000	\$240,000	\$30,000
<b>Fiscal Year:</b>	2014/2015	2015	2015

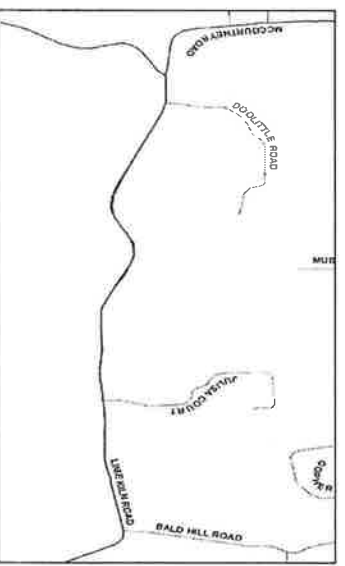
**DESIGN DATA:**

	Lane Width	Shoulder Width	Design Speed
Existing	10'	2'	
Standard	12'	4'	
Proj. Design	10'	4'	

**TRAFFIC DATA:**

Present ADT	2,500
Future ADT	4,000
Road Classification	Major Collector
Road Section No.	

**LOCATION MAP:**



# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>DF 1-01</b>	
<b>Project:</b>	<b>Brunswick at Loma Rica Intersection Improvement</b>	
<b>Construction Year:</b>	<b>2015</b>	<b>Supervisory District: III</b>
<b>Budget:</b>	<b>\$1,052,490</b>	

**Project Description:** This project proposes to construct a traffic signal, install pavement treatments and associated drainage improvements to address deficiencies at the Loma Rica Drive/Brunswick Road Intersection. Additionally, advanced warning intelligent transportation systems will be installed to account for limited sight distance approaching the intersection and improve intersection safety.

**Project Justification:** The Brunswick Road/Loma Rica Drive intersection is currently the only access to the Loma Rica Industrial Park. The intersection is projected to operate at a deficient Level of Service (LOS) in the future and within the County maintained mileage system this intersection has a high collision rate.

**Design Exemptions:** None

FUNDING						
Source	Prior Yr	2013/2014	2014/2015	2015/2016	2016/2017	TOTAL
Dev Fees	\$488,791					\$488,790
HSIP			\$50,000	\$471,900		\$521,900
NCTC		\$41,800				\$41,800
						<b>TOTAL</b>
						<b>\$1,052,490</b>

BUDGET/DELIVERY:			
Activity:	PE	Construction	CE
<b>Budget:</b>	\$172,490	\$800,000	\$80,000
<b>Fiscal Year:</b>	2014	2015	2015

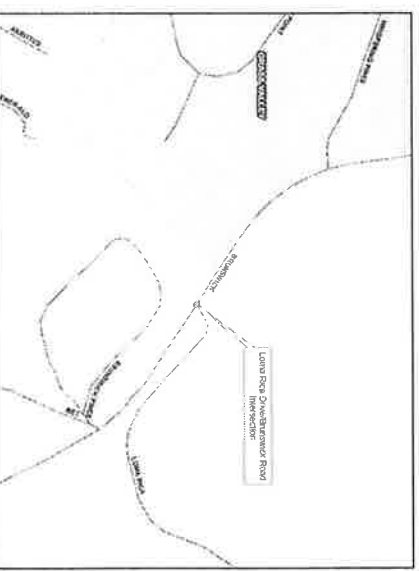
**DESIGN DATA:** N/A

**LOCATION MAP:**

	Lane Width	Shoulder Width
Existing		
Standard		
Proj. Design		

**TRAFFIC DATA:**

	Loma Rica / Brunswick
Present ADT	5,603 / 15,588
Future ADT	
Road Classification	Minor Collector/Arterial
Road Section No.	2410010 / 2401040



# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	SA 3-12	
<b>Project:</b>	Penn Valley Drive Safety Improvements	
<b>Construction Year:</b>	2015	
<b>Budget:</b>	\$350,000	<b>Supervisorial District: IV</b>

**Project Description:** This project proposes to widen parts of Penn Valley Drive between Spenceville Road and Squirrel Creek to improve road safety. Additionally, this project proposes to overlay this segment of Penn Valley Drive to address poor pavement conditions.

**Project Justification:** This two lane roadway accesses a number of high traffic commercial lots and provides primary access to several residential developments. The Nevada County Department of Public Works has identified this road segments as having an unusually high accident rate (17 accidents over 5 yrs), along this half mile segment.

**Design Exemptions:** None

FUNDING						
Source	Prior Year	2014/2015	2015/2016	2016/2017	2017/2018	TOTAL
Exchange		\$22,155	\$227,845			\$250,000
RSTP		\$100,000				\$100,000
<b>TOTAL</b>						<b>\$350,000</b>

BUDGET/DELIVERY:			
Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$50,000	\$270,000	\$30,000
<b>Fiscal Year:</b>	2014/15	2015	2015

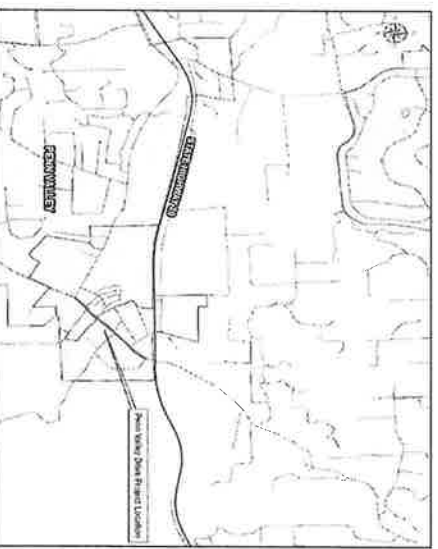
**DESIGN DATA:**

	Lane Width	Shoulder Width	
Existing	11'	2'	
Standard	12'	4'	
Proj. Design	12'	4'	

**TRAFFIC DATA:**

Present ADT	6896
Future ADT	
Road Classification	Major Collector
Road Section No.	3509040

**LOCATION MAP:**



## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>DF 1-13</b>	
<b>Project:</b>	<b>Local Mitigation Fee Program (LTMF) Update</b>	
<b>Construction Year:</b>	<b>2015</b>	
<b>Budget:</b>	<b>\$50,000</b>	<b>Supervisory District: All</b>

**Project Description:** The Nevada County Transportation Commission (NCTC) is currently initiating the Regional Transportation Mitigation Fee (RTMF) program 5 year update, which includes an update to the regional traffic forecasting model. The Local Transportation Mitigation Fee (LTMF) program, administered by the County, was last updated in 2008 and is also due for a 5 year update. This project proposes to complete the LTMF update in parallel with the RTMF update.

**Project Justification:** The Mitigation Fee Act, also known as California Assembly Bill 1600 (AB 1600) or Government Code Section 66000 et seq., governs imposing development impact fees in California. The Mitigation Fee Act requires that all local agencies in California, including counties, follow basic principles when instituting impact fees as condition of new development.

**Design Exemptions:** None

FUNDING						
Source	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	TOTAL
Dev. Fee				\$20,000		\$20,000
NCTC			\$30,000			\$30,000
					<b>TOTAL</b>	<b>\$50,000</b>

#### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$50,000	N/A	N/A
<b>Fiscal Year:</b>	2014	N/A	N/A

**DESIGN DATA:**

**LOCATION MAP:**

	Lane Width	Shoulder Width
Existing		
Standard		
Proj. Design		

**TRAFFIC DATA:**

Present ADT	
Future ADT	
Road Classification	
Road Section No.	

# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>SA 1-12</b>	
<b>Project:</b>	<b>Newtown Road (CMAQ)</b>	
<b>Construction Year:</b>	<b>2016</b>	
<b>Budget:</b>	<b>\$1,680,000</b>	<b>Superserial District: I</b>

**Project Description:** Newtown Road is a narrow 2 lane rural roadway with no shoulders for most of its length. The accident rate for the road is higher than the County average, but the road gets significant bicycle usage. In addition, there are numerous turns with limited site distance. Through a connection via Old Downville Road and along State Highway 49 many bicycle riders on Newtown have origins or destination in Nevada City. This project will provide Class II bicycle lanes (4-foot paved), along Newtown Road, between SR 49 and Beckville Road.

**Project Justification:** In 2008, four local bicycle/pedestrian community groups (Sierra Express Bicycle Club, Sierra Express Racing Team, Association of People Powered Transportation and Bicyclists of Nevada County), were asked to prioritize a list of potential shoulder (bicycle lane) projects within Nevada County by need. The Newtown/Express Road corridor was identified as a high priority project corridor by all four groups.

**Design Exemptions:** None

### FUNDING

Source	Prior Year	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	TOTAL
<b>CMAQ</b>	\$136,536	\$222,702	\$127,811	\$27,611	\$641,530		\$1,156,190
<b>Exchange</b>	\$15,844	\$86,168	\$62,081	\$101,517	\$158,200		\$523,810
						<b>TOTAL</b>	<b>\$1,680,000</b>

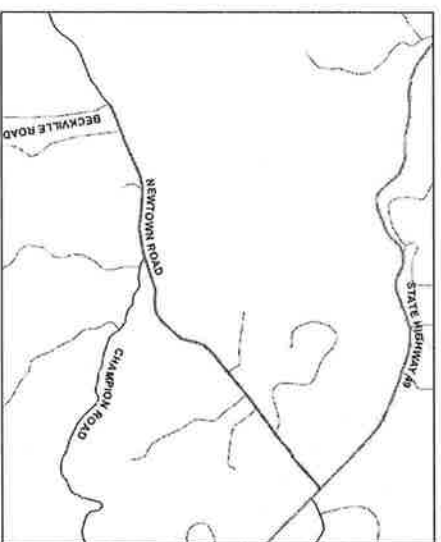
### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$800,000	\$800,000	\$80,000
<b>Fiscal Year:</b>	2010 -2014	2016	2016

**DESIGN DATA:**

	Lane Width	Shoulder Width
Existing	10'	0'
Standard	12'	4'
Proj. Design	12'	4'

**LOCATION MAP:**



**TRAFFIC DATA:**

Present ADT	1,472
Future ADT	
Road Classification	Local
Road Section No.	3706010-3706040

# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>SH 1-16</b>	
<b>Project:</b>	<b>Nevada City Sidewalk Extension (CMAQ)</b>	
<b>Construction Year:</b>	<b>2016</b>	
<b>Budget:</b>	<b>\$501,150</b>	<b>Supervisorial District: I &amp; III</b>

**Project Description:** This project proposes to design and construct 2,600 feet of sidewalk and pedestrian path along Nevada City Highway starting at the existing sidewalk at Banner Lava Cap overcrossing and extending to the existing sidewalk at Skewers Lane in Grass Valley. All portions of the route will meet ADA criteria for a sidewalk. This route provides the most direct connection for pedestrians.

**Project Justification:** The purpose of the project is to provide the final section of sidewalk connecting the communities of Nevada City and the City of Grass Valley. Nevada City Highway is a narrow two lane frontage road with little to no shoulders and a relatively high ADT for a County facility (approximately 6,000 vehicle trips per day). Currently pedestrians must walk on the roadway shoulder that also serves as a class two bike lane.

**Design Exemptions:** None

### FUNDING

Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Co-Xch		\$5,000	\$10,000	\$15,000			\$30,000
Fed HBP		\$20,000	\$49,800	\$401,350			\$471,150
<b>Total</b>							<b>\$501,150</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$79,800	\$359,000	\$62,350
<b>Fiscal Year:</b>	2015	2016	2016

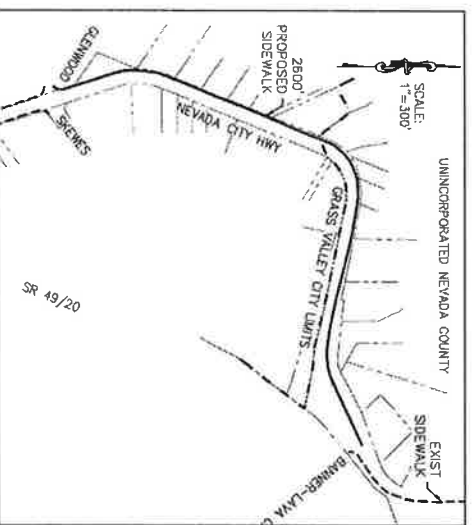
**DESIGN DATA:**

	Lane Width	Shoulder Width
Existing Standard		
Proj. Design		

**TRAFFIC DATA:**

Present ADT	5684
Road Classification	Minor Arterial
Road Section No.	3123010

**LOCATION MAP:**



## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>B 1-11</b>
<b>Project:</b>	<b>Retrac Way at Wolf Creek Bridge Replacement</b>
<b>Construction Year:</b>	<b>2016 &amp; 17</b>
<b>Budget:</b>	<b>\$2,072,252</b>
	<b>Supervisorial District: II</b>

**Project Description:** The Nevada County Public Works Department (DPW) is proposing to replace the existing timber and steel one-lane bridge on Retrac Way over Wolf Creek (17C-084). The new structure will be a two-lane, prefabricated single-span (steel or concrete) bridge measuring 28 feet wide and approximately 85 feet long. It will be located on the same alignment as the existing bridge and elevated approximately 2 to 3 feet above the existing grade to better accommodate 100-year flood event(s). A bypass route immediately adjacent of the existing bridge would be constructed for use during construction to maintain through-traffic. Other proposed improvements include upgrading the roadway approaches to the bridge extending approximately 150 to 200 feet to incorporate grading and drainage improvements.

**Project Justification:** The existing one-lane wooden bridge is structurally deficient. The proposed project will upgrade the structure by replacing the wooden timbers with either steel or concrete, providing grading and drainage work on the bridge approaches, and improved traffic passage using two lanes rather than one lane. In addition, the new bridge will be elevated 2 to 3 feet higher than existing grade to provide better access and roadway protection in the event of a 100-year flood.

**Design Exemptions:** None

### FUNDING

Source	Prior Yr.	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Co-Xch	\$61,494	\$20,000	\$20,000	\$20,000			\$121,494
Fed HBP	\$317,692	\$61,717	\$50,000	\$1,521,349			\$1,950,758
						<b>Total</b>	<b>\$2,072,252</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$530,903	\$1,351,180	\$190,169
<b>Fiscal Year:</b>	2012-2016	2016 & 17	2016 & 17

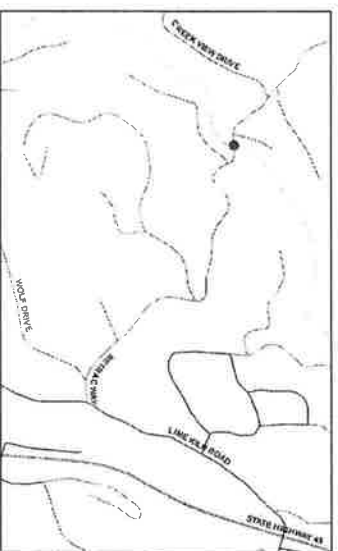
**DESIGN DATA:**

	Lane Width	Shoulder Width
Existing		
Standard		
Proj. Design		

**TRAFFIC DATA:**

Present ADT	594
Road Classification	Minor Collector
Road Section No.	5304010-5304020

**LOCATION MAP:**



## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	B 2-03	
<b>Project:</b>	Hirschdale Road Bridges at Truckee River (17C-045) and UPRR Tracks (17C-046) Project	
<b>Construction Year:</b>	2016	
<b>Budget:</b>	\$5,451,084	<b>Supervisorial District: V</b>

**Project Description:** Both bridges have been identified as being seismically and structurally substandard. The County is currently working with Caltrans to redefine a project scope of services that may include seismic retrofit and other improvements to keep the bridges in place.

**Project Justification:** Caltrans monitoring reports have determined that both bridges, one over the Truckee River and one over the UP Railroad tracks, are in a state of deterioration. A Feasibility study prepared in 2003 determined a need to address deficiencies associated with these bridges. The County was awarded Highway Bridge Program (HBP) funding to fund a bridge rehabilitation or replacement project to address these deficiencies. Recent changes to the project have required the County and Caltrans to rescope the project to focus on seismic retrofit and other rehabilitation options. Staff anticipates rescoping efforts to be complete in 2015, with potential project construction in 2016.

**Design Exemptions:** None

### FUNDING

Source	Prior Year	2014/2015	2015/2016	2015/2016	2016/2017	TOTAL
MSF	\$170,000					\$170,000
Co-Xch	\$74,141	\$38,070				\$162,211
Prop 1B	\$72,235					\$72,235
Fed HBP	\$1,117,742	\$128,896				\$5,046,638
					<b>TOTAL</b>	<b>\$5,451,084</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$1,641,084	\$3,310,000	\$500,000
<b>Fiscal Year:</b>	2007 – 2015	2016	2016

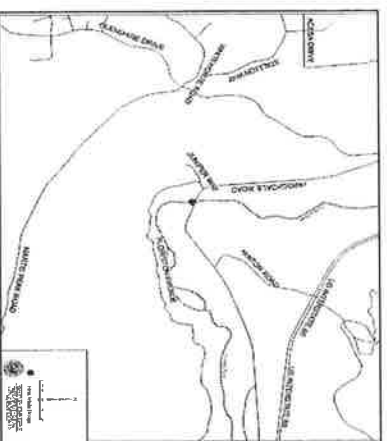
### DESIGN DATA:

	Lane Width	Shoulder Width	
Existing	10'	2'	1-lane restriction
Standard	11'	4'	-
Proj. Design	TBD	TBD	TBD

### TRAFFIC DATA:

Present ADT	100
Road Classification	Local
Road Section No.	5510010

### LOCATION MAP:





# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	B 2-07	<b>Supervisory District:</b>	V
<b>Project:</b>	Maybert Bridge at Canyon Creek Replacement		
<b>Construction Year:</b>	2016		
<b>Budget:</b>	\$1,419,602		

**Project Description:** The bridge is located on Maybert Road about 3 miles east of the town of Washington. The bridge was constructed in 1915 and is classified by the State as Structurally Deficient. The bridge also ranks as one of the worst rated bridges in the State of California. As a result the bridge is currently load restricted at 3 tons, which prohibits oversized vehicles (including fire apparatuses) from using the bridge to access thousands of acres of forest land to the east.

The County has plans to replace the bridge with a single-lane bridge capable of supporting oversized vehicles. The project is fully funded through the Federal Highway Bridge Program (HBP) and administered by Caltrans and will be able to support oversized vehicles including critical first responders.

**Project Justification:** This structure is both structurally deficient and in a state of deterioration. The bridge’s “sufficiency rating” – a method used to rate a bridge’s overall fitness – is rated at 5 (out of 100), making it the lowest rated public bridge in the entire County. Statewide the bridge ranks as the 14th lowest rated bridge out of the 14,225 public bridges not owned and by Caltrans.

**Design Exemptions:** Yes – Due to site situation and road approaches, the Department will be requesting a design exemption to the Federal Bridge Program.

### FUNDING

Source	Prior Yr	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
MSF		\$48,273					\$48,273
Exchange		\$32,191	\$14,284	\$25,000			\$71,475
Fed HBP		\$306,765	\$73,090	\$920,000			\$1,299,855
						<b>Total</b>	<b>\$1,419,602</b>

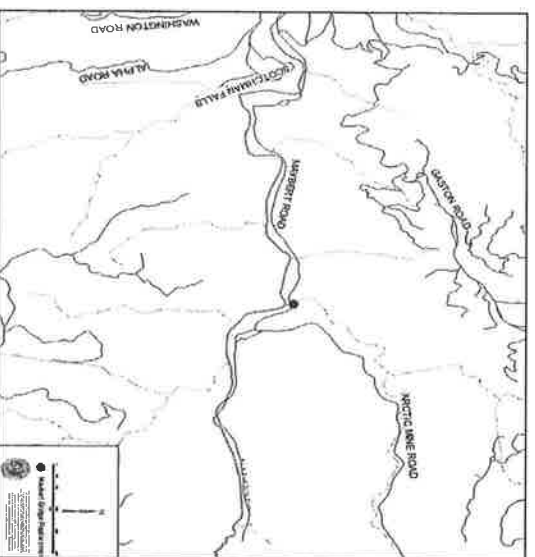
### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$474,612	\$825,000	\$120,000
<b>Fiscal Year:</b>	2012 - 2015	2016	2016

### DESIGN DATA:

	Lane Width	Shoulder Width
Existing		
Standard		
Proj. Design		

### LOCATION MAP:



### TRAFFIC DATA:

Present ADT	<100
Future ADT	<100
Road Classification	Local
Road Section No.	1601020

## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>B-5-14</b>
<b>Project:</b>	<b>Garden Bar at Little Wolf Creek Bridge Replacement</b>
<b>Bridge No.:</b>	<b>17C-0074</b>
<b>Construction Year:</b>	<b>2017</b>
<b>Budget:</b>	<b>\$1,350,000</b>
	<b>Supervisory District: II</b>

**Project Description:** The County of Nevada is proposing to rehabilitate and widen the two span steel girder structure (Bridge No. 17C-0074) over Little Wolf Creek. The existing bridge was built in 1901 and is located on Garden Bar Road approximately 2.8 miles south of Wolf Road. The original timber superstructure was replaced and widened in 1995. The bridge is too narrow for the current ADT and deck lane geometry and is therefore considered Functionally Obsolete. The proposed structure will be replaced on approximately the existing alignment.

**Project Justification:** The project need is to provide a safe permanent crossing over Little Wolf Creek and Garden Bar Road since the existing structure is Functionally Obsolete. The existing deck width is too narrow for the current ADT and 2 way traffic. In addition to substandard width, the existing road eastern approach has limited sight distance at the end of the bridge due to the substandard curve at the bridge approach. The primary objective is to rehabilitate a Functionally Obsolete structure to improve public safety.

**Design Exemptions:** None

Source	FUNDING							TOTAL
	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019		
Co-Xch	\$10,000	\$10,000	\$10,000	\$10,000	\$20,000		\$50,000	
Fed HBP	\$150,000	\$100,000	\$50,000	\$1,000,000			\$1,300,000	
							<b>Total</b>	<b>\$1,350,000</b>

BUDGET/DELIVERY:		
Activity:	PE/RW/Envir	Construction Engineering
Budget:	\$330,000	\$900,000
Fiscal Year:	2014-2017	2017

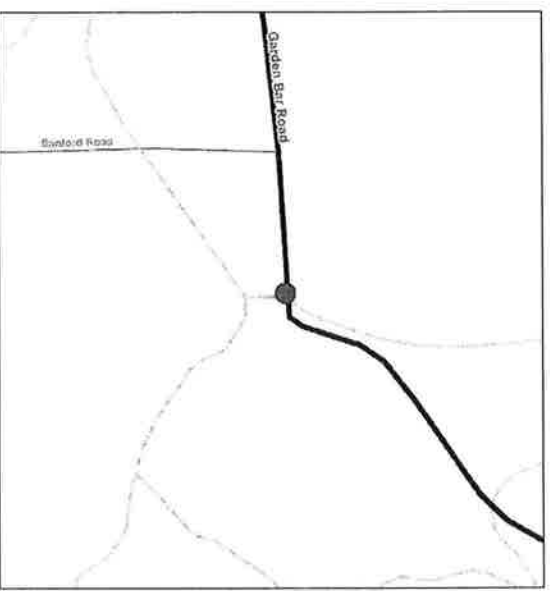
**DESIGN DATA:**

	Lane Width	Shoulder Width	
Existing	13.8'	0'	1-lane restriction
Standard	12'	2'	
Proj. Design	14'	4'	1-lane

**TRAFFIC DATA:**

Present ADT	1075
Road Classification	Minor Collector
Road Section No.	3304040

**LOCATION MAP:**



# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	B 6-14	
<b>Project:</b>	Garden Bar Road at Little Wolf Creek Bridge Replacement II	
<b>Bridge No.:</b>	17C-0068	
<b>Construction Year:</b>	2017	
<b>Budget:</b>	\$1,774,000	<b>Supervisorial District: II</b>

**Project Description:** The County of Nevada is proposing to replace the single span steel railroad car bridge (Bridge No. 17C-0068) over Little Wolf Creek. The existing bridge is located on Garden Bar Road approximately 4.3 miles west of Wolf Road. The structure is too narrow for the roadway's Functional Classification and is considered Functionally Obsolete. The bridge is also Structurally Deficient due to the condition of the superstructure and its overall structural condition. The existing bridge was constructed in 1950, widened in 1976, and is not considered historic. The proposed structure will be replaced on the existing alignment. To limit the amount of approach work, the profile of the replacement structure is expected to be controlled by the existing roadway profile and any hydraulic freeboard requirements.

**Project Justification:** The project need is to provide a safe permanent crossing over Little Wolf Creek on Garden Bar Road since the existing structure is Structurally Deficient. The existing railroad car steel structure with timber deck is too narrow for the current and future traffic volumes. The road classification of a Local Rural Road requires a minimum fifteen foot roadway width. The primary objective is to replace a Structurally Deficient structure to improve public safety since the existing bridge is near the end of its lifespan.

**Design Exemptions:** None

### FUNDING

Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Co-Xch		\$20,000	\$10,000	\$10,000	\$20,000		\$60,000
Fed HBP		\$240,000	\$80,000	\$50,000	\$1,344,000		\$1,714,000
<b>Total</b>							<b>\$1,774,000</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$410,000	\$1,200,000	\$164,000
<b>Fiscal Year:</b>	2014-2017	2017	2017

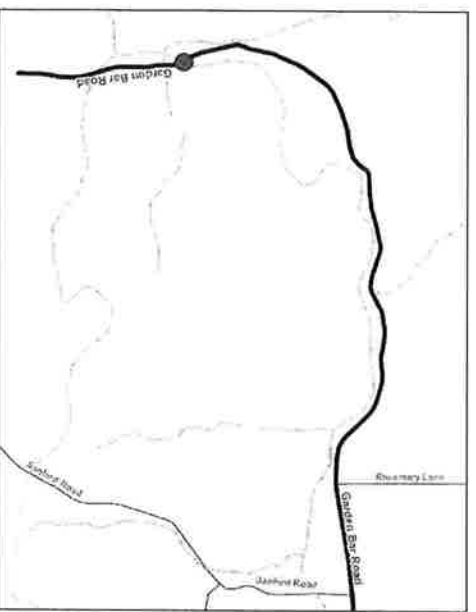
**DESIGN DATA:**

	Lane Width	Shoulder Width	
Existing	11.8'	0'	1-lane restriction
Standard	11'	2'	
Proj. Design	11'	2'	1-lane

**TRAFFIC DATA:**

Present ADT	1075
Road Classification	Minor Collector
Road Section No.	3304050

**LOCATION MAP:**



## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>B-4-14</b>
<b>Project:</b>	<b>McCourtney Road at Rock Creek Replacement Project</b>
<b>Bridge No.:</b>	<b>17C-0086</b>
<b>Construction Year:</b>	<b>2017</b>
<b>Budget:</b>	<b>\$1,774,000</b>
	<b>Supervisory District: IV</b>

**Project Description:** The County of Nevada is proposing to replace the single span steel railroad bridge (Bridge No. 17C-0086) over Rock Creek. The existing bridge is located on McCourtney Road approximately 3 miles south of Camp Far West Road. The Structure is too narrow for the roadway's Functional Classification and is considered Functionally Obsolete. The bridge is also Structurally Deficient due to the condition of the superstructure and its overall structural condition. The existing bridge was constructed in 1950 and is not considered historic.

**Project Justification:** The project need is to provide a safe permanent crossing over Rock Creek on McCourtney Road since the existing structure is Structurally Deficient. The existing railroad car steel structure with timber deck is too narrow for the current and future traffic volumes. The road classification of a Local Rural Road requires a minimum fifteen foot roadway width. The Railroad car steel structure has been rated Structurally Deficient with an overall sufficiency rating of 16.6 due to its structural condition and load carrying capacity. The proposed structure will restore the sufficiency rating to acceptable levels, satisfy the current roadway geometry standards, and provide bridge railing and approach guard railing meeting current safety standards. Since the bridge's sufficiency rating is less than 50 and structurally deficient, it is eligible for replacement.

**Design Exemptions:** None

### FUNDING

Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Co-Xch		\$20,00	\$10,000	\$10,000	\$20,000		\$60,000
Fed HBP		\$240,000	\$80,000	\$50,000	\$1,344,000		\$1,714,000
						<b>Total</b>	<b>\$1,774,000</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$410,000	\$1,200,000	\$164,000
<b>Fiscal Year:</b>	2014-2017	2017	2017

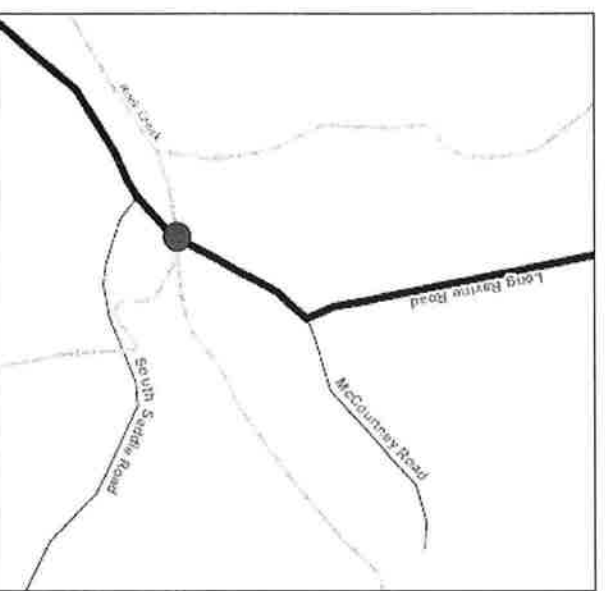
### DESIGN DATA:

	Lane Width	Shoulder Width	
Existing	9.8'	0'	1-lane restriction
Standard	11'	2'	
Proj. Design	11'	2'	1-lane

### TRAFFIC DATA:

Present ADT	100
Road Classification	Local
Road Section No.	5323010

### LOCATION MAP:



# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	B 1-14	
<b>Project:</b>	Soda Springs Creek at Donner Pass Road Bridge Replacement	
<b>Bridge No.:</b>	17C-0051	
<b>Construction Year:</b>	2018	
<b>Budget:</b>	\$1,983,000	<b>Supervisorial District:</b> V

**Project Description:** The County of Nevada is proposing to replace the single span reinforced concrete girder bridge (Bridge No. 17C-0051) over Soda Springs Creek. The existing bridge is located on Donner Pass Road 0.5 miles East of Soda Springs Road. The bridge is Structurally Deficient due to the condition of the superstructure and its overall structure condition. The existing bridge was constructed in 1924 and widened in 1937. The bridge is not considered historic per the inspection report, but the route is of historical significance. It is likely this bridge will require additional studies to evaluate the historic nature of the roadway and how it applies to the bridge.

**Project Justification:** The project need is to provide a safe permanent crossing over Soda Springs Creek on Donner Pass Road since the existing structure is Structurally Deficient. The existing reinforced concrete superstructure has significant spalling, with exposed and rusted rebar in numerous girders. The road classification of a rural major collector requires a minimum 32 foot roadway width. The primary objective is to replace a Structurally Deficient structure to improve public safety since the existing bridge is near the end of its lifespan.

**Design Exemptions:** None

FUNDING							
Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Co-Xch		\$33,836	\$20,000	\$25,735	\$47,879	\$100,000	\$227,450
Fed HBP		\$261,164		\$44,265		\$1,450,121	\$1,755,550
						<b>Total</b>	<b>\$1,983,000</b>

BUDGET/DELIVERY:		
Activity:	PE/RW/Envir	Construction
Budget:	\$345,000	\$1,463,000
Fiscal Year:	2014-2018	2018

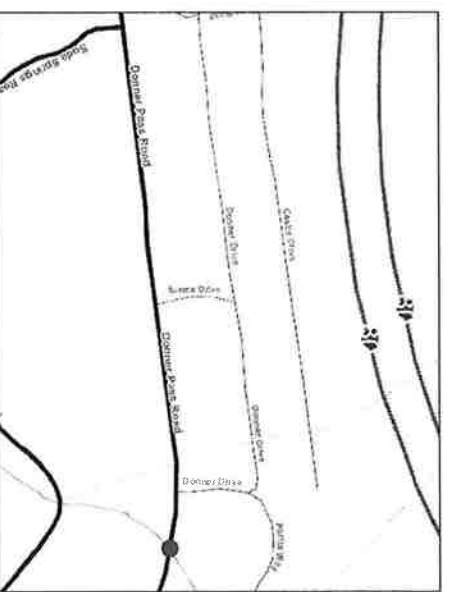
**DESIGN DATA:**

	Lane Width	Shoulder Width	
Existing	12'	2'	2 Lanes
Standard	12'	4'	2 Lanes
Proj. Design	12'	4'	2 Lanes

**TRAFFIC DATA:**

Present ADT	1020
Road Classification	Major Collector
Road Section No.	5701050

**LOCATION MAP:**



# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>B-2-14</b>
<b>Project:</b>	<b>Soda Springs Road at South Yuba River Bridge Replacement</b>
<b>Bridge No.:</b>	<b>17C-0010</b>
<b>Construction Year:</b>	<b>2018</b>
<b>Budget:</b>	<b>\$1,495,000</b>
	<b>Supervisorial District: V</b>

**Project Description:** The County of Nevada is proposing to replace and widen the two span steel girder structure (Bridge No. 17C-0010) over the South Yuba River. The existing bridge was built in 1965 and is located on Soda Springs Road near Van Norden Lake Road. The concrete structure is severely deteriorated and is considered Structurally Deficient.

**Project Justification:** The project need is to provide a safe permanent crossing over the South Yuba River on Soda Springs Road since the existing structure is Structurally Deficient and the roadway is substandard. In addition, the project will resolve maintenance and width issues.

**Design Exemptions:** None

### FUNDING

Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Co-Xch		\$20,000		\$10,000	\$10,000	\$10,000	\$50,000
Fed HBP		\$200,000		\$95,000	\$50,000	\$1,100,000	\$1,445,000
						<b>Total</b>	<b>\$1,495,000</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$385,000	\$1,000,000	\$110,000
<b>Fiscal Year:</b>	2014-2018	2018	2018

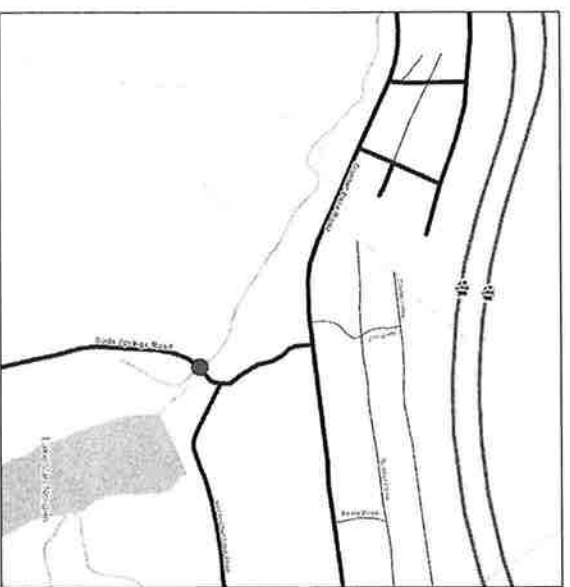
**DESIGN DATA:**

	Lane Width	Shoulder Width	
Existing	11'	3.1'	2 Lanes
Standard	10'	5'	2 Lanes
Proj. Design	11'	5'	2 Lanes

**TRAFFIC DATA:**

Present ADT	659
Road Classification	Minor Collector
Road Section No.	5707010

**LOCATION MAP:**



## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>B 3-14</b>
<b>Project:</b>	<b>Purdon Bridge at Shady Creek Replacement Project</b>
<b>Bridge No.:</b>	<b>17C-0060</b>
<b>Construction Year:</b>	<b>2019</b>
<b>Budget:</b>	<b>\$2,380,000</b>
	<b>Supervisory District: IV</b>

**Project Description:** The County of Nevada is proposing to replace the two span steel railroad car bridge (Bridge No. 17C-0060) over Shady Creek. The existing bridge is located on Purdon Road near Tyler Foote Crossing. The structure is too narrow for the roadway's Functional Classification and is considered Functionally Obsolete. The bridge is also Structurally Deficient due to the condition of the superstructure and its overall structural condition. The existing bridge was constructed in 1945, widened in 1975, and is not considered historic.

**Project Justification:** The primary objective is to replace a Structurally Deficient structure to improve public safety since the existing bridge is near the end of its lifespan. The railroad car steel structure has been rated Structurally Deficient with an overall sufficiency rating of 20.5 due to its structural condition and load carrying capacity. The bridge railing is timber with timber posts. The bridge is also substandard width. The proposed structure will restore the sufficiency rating to acceptable levels, satisfy the current roadway geometry standards, and provide bridge railing and approach guard railing meeting current safety standards. Since the bridge's sufficiency rating is less than 50 and structurally deficient, it is eligible for replacement.

**Design Exemptions:** None

### FUNDING

Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Co-Xch		\$32,000		\$10,000		\$20,000	\$62,000
Fed HBP		\$320,000		\$50,000		\$1,876,000	\$2,246,000
						<b>Total</b>	<b>\$2,308,000</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$412,000	\$1,675,000	\$221,000
<b>Fiscal Year:</b>	2014-2019	2019	2019

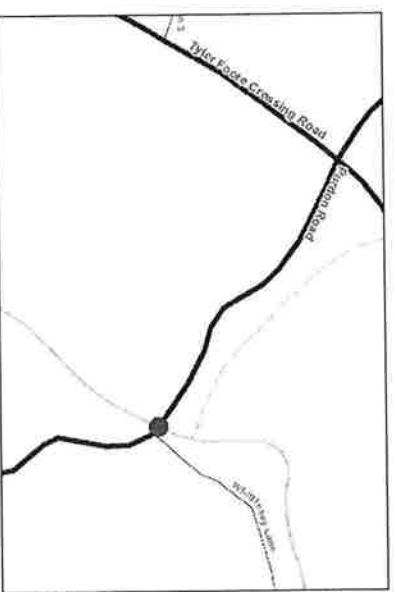
### DESIGN DATA:

	Lane Width	Shoulder Width	
Existing	10.1'	0'	1-lane restriction
Standard	10'	4'	2-lane
Proj. Design	10'	4'	2-lane

### TRAFFIC DATA:

Present ADT	600
Road Classification	Minor Collector
Road Section No.	4210060

### LOCATION MAP:



## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>B 7-14</b>
<b>Project:</b>	<b>N. Bloomfield Road at S. Yuba River Bridge Alternative Study</b>
<b>Bridge No.:</b>	<b>17C-0006</b>
<b>Construction Year:</b>	<b>TBD</b>
<b>Budget:</b>	<b>\$220,000</b>
	<b>Supervisory District: V</b>

**Project Description:** This Bridge was built in 1904, it is a historic structure with a large span over the South Yuba River and it is a popular recreation facility. This bridge is structurally deficient and currently has a weight restriction due to its structural limitations. The structure is also structurally obsolete because it is too narrow; the roadway is 12.5 feet wide across the bridge. This structure has an overall sufficiency rating of 25.7 out of 100. Staff is proposing to use this funding to prepare a preliminary design alternative analysis to determine the feasibility and costs associated with rehabilitation versus replacement. The Federal HBP program provides reimbursable funds for 100 percent of eligible project costs for the preliminary engineering phase of this project.

**Project Justification:** The project need is to provide a safe permanent crossing over the South Yuba River on North Bloomfield Road since the existing structure is Structurally Deficient.

**Design Exemptions:** None

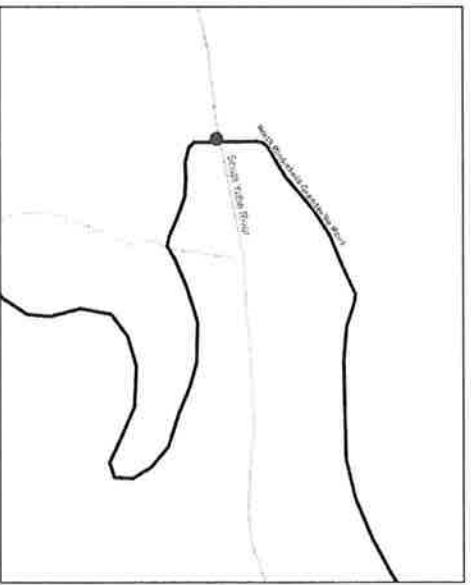
FUNDING						
Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019
Co-Xch		\$10,000	\$10,000	\$50,000		
Fed HBP		\$150,000				
<b>Total</b>						<b>\$220,000</b>

BUDGET/DELIVERY:		
Activity:	PE/RW/Envir	Construction Engineering
<b>Budget:</b>	\$220,000	
<b>Fiscal Year:</b>	2014-2016	TBD

	Lane Width	Shoulder Width	
Existing	12.5'	0'	1-lane restriction
Standard	11'	5'	2-lane
Proj. Design	11'	5'	2-lane

**TRAFFIC DATA:**

Present ADT	341
Road Classification	Minor Collector
Road Section No.	1409060, 4404010





# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>DF 1-02</b>	
<b>Project:</b>	<b>Combie Corridor Improvements</b>	
<b>Construction Year:</b>	<b>TBD</b>	
<b>Budget:</b>	<b>\$1,930,741</b>	<b>Supervisory District: II</b>

**Project Description:** This project proposes to widen Combie Road to five lanes, two through lanes in each direction plus a center turn lane, signalized intersection and class I pedestrian facility from Highway 49 to W. Hacienda Drive.

**Project Justification:** Proposed commercial development will increase traffic and decrease level of service, necessitating road improvements.

**Design Exemptions:** None

### FUNDING

Source	Prior Year	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	TOTAL
RSTP	\$253,196	\$76,223					\$329,419
Dev Fees	\$1,286,658	\$188,664	\$63,000	\$63,000			\$1,601,322
							<b>TOTAL</b>
							<b>\$1,930,741</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$514,466	\$1,273,537	\$142,738
<b>Fiscal Year:</b>	2012-2015	TBD	TBD

**DESIGN DATA:**

	Lane Width	Design Speed	
Existing	4-11'	35	
Proj. Design	5-12'	35	

**LOCATION MAP:**



**TRAFFIC DATA:**

Present ADT	15,761
Future ADT	22,300
Road Classification	Major Collector
Road Section No.	2104010

## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	<b>B-8-14</b>	<b>Dog Bar Road at Bear River Bridge Rehabilitation</b>
<b>Project:</b>	<b>17C-0031</b>	
<b>Bridge No.:</b>	<b>TBD</b>	
<b>Construction Year:</b>	<b>TBD</b>	<b>Supervisorial District: II</b>
<b>Budget:</b>	<b>\$580,180</b>	

**Project Description:** The existing bridge is located on Dog Bar Road at the Bear River (Nevada-Placer County Line). The bridge is Functionally Obsolete with a substandard width and outdated alignment. The existing bridge was constructed in 1935, rehabilitated in 2000, and is not considered historic. NID has plans to construct a reservoir at this location, however, this project would take years to complete. Staff is proposing to use this funding to evaluate cost effective rehabilitation alternatives.

**Project Justification:** The purpose of the project is to provide a safe crossing over Bear River on Dog Bar Road since the existing structure is Functionally Obsolete. The existing steel girder structure with a steel deck is too narrow for the current and future traffic volumes.

**Design Exemptions:** None

### FUNDING

Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Co-Xch		\$10,180	\$20,000	\$25,000			\$55,180
Fed HBP		\$70,000	\$99,820	\$355,180			\$525,000
<b>Total</b>							<b>\$580,180</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$200,000	\$300,000	\$80,180
<b>Fiscal Year:</b>	2014-2016	TBD	TBD

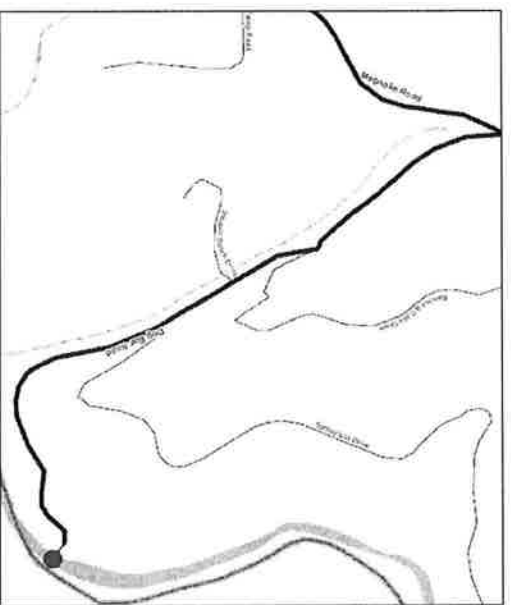
**DESIGN DATA:**

	Lane Width	Shoulder Width	
Existing	13'	0'	1-lane restriction
Standard	10'	4'	2-lane
Proj. Design	TBD	TBD	TBD

**TRAFFIC DATA:**

Present ADT	1313
Road Classification	Major Collector
Road Section No.	2106100

**LOCATION MAP:**



# Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	B 1-15	
<b>Project:</b>	Penn Valley Bridge Widening Project	
<b>Construction Year:</b>	TBD	
<b>Budget:</b>	\$1,588,795	<b>Supervisory District: IV</b>

**Project Description:** This project proposes to rehabilitate the Penn Valley Drive at Clear Creek Bridge; bringing the structure into conformance with current state and local design standards for deck width (12 foot travel lanes and 4 foot shoulders).

**Project Justification:** Penn Valley Drive at Clear Creek (17CC0069) is currently designated as structurally deficient and is eligible for rehabilitation under the HBP Program utilizing 80% federal HBP funds along with a local 20% match. The Penn Valley Drive Bridge was originally built in 1931 and widened in 1957. The bridge deck is currently 26.5 feet wide (curb to curb), which does not meet current Nevada County or California Department of Transportation (Caltrans) design standards for bridge deck width. Additionally, Penn Valley Drive is a major bicycle corridor and the substandard bridge deck does not currently provide adequate shoulders to accommodate pedestrian traffic.

**Design Exemptions:** None

FUNDING							
Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	
Exchange			\$10,000	\$20,000	\$41,064	\$246,695	\$317,759
HSIP			\$20,000	\$60,000	\$115,000	\$1,076,036	\$1,271,036
					<b>TOTAL</b>		<b>\$1,588,795</b>

**BUDGET/DELIVERY:**

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$380,000	\$1,079,281	\$129,514
<b>Fiscal Year:</b>	TBD	TBD	TBD

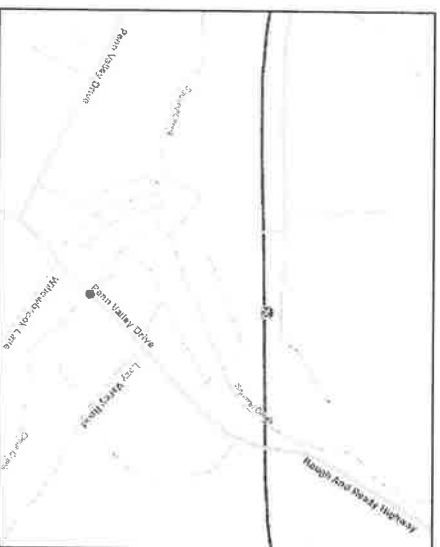
**DESIGN DATA:**

	Lane Width	Shoulder Width
Existing Standard	13.3'	0'
Proj. Design	TBD	TBD

**TRAFFIC DATA:**

Present ADT	6896
Future ADT	
Road Classification	Major Collector
Road Section No.	3509040

**LOCATION MAP:**



## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	B 2-15	
<b>Project:</b>	McCourtney Road at Dry Creek	
<b>Bridge No.:</b>	17C-0064	
<b>Construction Year:</b>	TBD	
<b>Budget:</b>	\$1,495,000	<b>Supervisory District:</b> IV

**Project Description:** The County of Nevada is proposing to repair or replace the single span reinforced concrete bridge (Bridge No. 17C-0064) over Dry Creek. The existing bridge is located on McCourtney Road just west miles west of Lime Kiln Road. The structure is classified as Structurally Deficient due to the overall structural condition and subsequent sufficient rating of 49.4. The existing bridge was constructed in 1960 and is not considered historic. A preliminary analysis will be completed to determine whether bridge repair or replacement is the most effective course of action.

**Project Justification:** The project need is to provide a safe permanent crossing over Dry Creek on McCourtney Road since the existing structure is Structurally Deficient. The primary objective is to repair or replace a Structurally Deficient structure to improve public safety.

**Design Exemptions:** None

### FUNDING

Source	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Co-Xch		\$10,000	\$20,000	\$20,000	\$10,000		\$60,000
Fed HBP		\$20,000	\$65,000	\$115,000	\$1,235,000		\$1,435,00
						<b>Total</b>	<b>\$1,495,000</b>

### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	\$385,000	\$1,000,000	\$110,000
<b>Fiscal Year:</b>	TBD	TBD	TBD

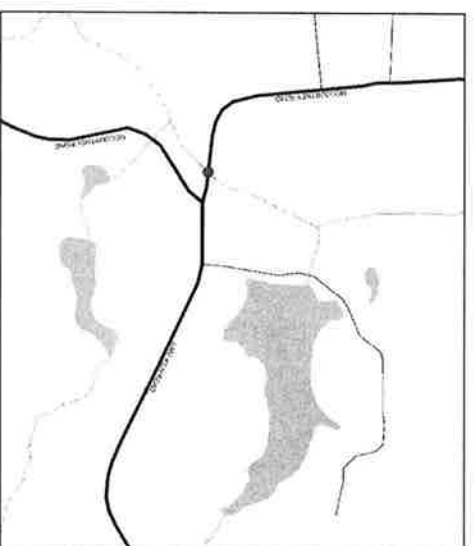
**DESIGN DATA:**

	Lane Width	Shoulder Width
Existing	9.5'	4'
Standard	12'	4'
Proj. Design	n/a	n/a

**TRAFFIC DATA:**

Present ADT	3157
Road Classification	Major Collector
Road Section No.	3206090

**LOCATION MAP:**



## Nevada County Department of Public Works CIP 2015 Project Detail

<b>CIP No.:</b>	MA 1-12	
<b>Project:</b>	Donner Pass Road Reconstruction (Maintenance)	
<b>Construction Year:</b>	TBD	
<b>Budget:</b>	\$618,675	<b>Supervisorial District:</b> V

**Project Description:** This project proposes to reconstruct Donner Pass Road between 180 and the Summit to address roadway deterioration and structural deficiencies.

**Project Justification:** The project addresses structural deficiencies and roadway deterioration on County portions of Donner Pass Road from Interstate 80 to the Truckee City Limits. A pavement rehabilitation study completed in Fall 2013 recommends pavement rehabilitation treatments that include Cold In-Place Recycling / Hot Mix Asphalt and Full Depth Reclamation at a cost of \$4.5 million dollars to design and construct. Segments adjacent to Interstate 80 and Sugar Bowl Road have been identified as priority pavement rehabilitation locations that will cost \$700,000 to design and construct. These costs do not include additional contingencies for pavement widening or other roadway improvements.

**Design Exemptions:** None

FUNDING							
Source	Prior Yr	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Exchange	\$73,301	\$346,662		\$40,960	\$157,752		\$618,675
						<b>TOTAL</b>	<b>\$618,675</b>

#### BUDGET/DELIVERY:

Activity:	PE/RW/Envir	Construction	Construction Engineering
<b>Budget:</b>	TBD	TBD	TBD
<b>Fiscal Year:</b>	TBD	TBD	TBD

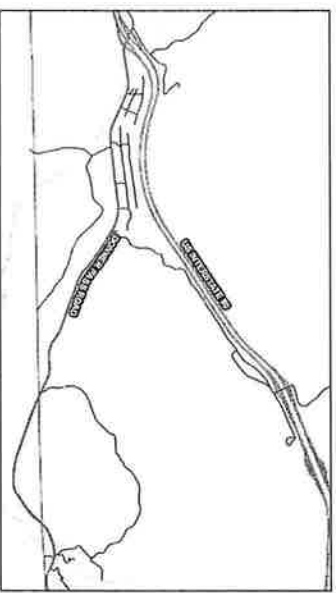
#### DESIGN DATA:

	Lane Width	Shoulder Width	Design Speed
Existing	12'	2'	
Standard	12'	2'	
Proj. Design	12'	2'	

#### TRAFFIC DATA:

Present ADT	1,596
Future ADT	n/a
Road Classification	Major Collector
Road Section No.	5701060

#### LOCATION MAP:



**Nevada County Department of Public Works CIP 2015  
Project Detail**

<b>CIP No.:</b>	<b>SA 1-15</b>	
<b>Project:</b>	<b>HSIP – Cycle 7 Project</b>	
<b>Construction Year:</b>	<b>TBD</b>	
<b>Budget:</b>	<b>\$520,000</b>	<b>Supervisorial District: TBD</b>

**Project Description:** The Moving Ahead for Progress in the 21st Century Act (MAP-21) was signed into law on July 6, 2012. Under MAP-21, the Highway Safety Improvement Program (HSIP) is a core federal-aid program to States for the purpose of achieving a significant reduction in fatalities and serious injuries on all public roads. The Division of Local Assistance (DLA) manages California's local agency share of HSIP funds. California's Local HSIP focuses on infrastructure projects with nationally recognized crash reduction factors (CRFs). HSIP funds are made available annually; the next HSIP funding cycle call for projects is anticipated to open in 2015.

**Project Justification:** Local HSIP projects must be identified on the basis of crash experience, crash potential, crash rate, or other data-supported means to address safety issues on local roadways.

**Design Exemptions:** None

**FUNDING**

Source	Prior Yr	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	TOTAL
Exchange			\$30,000	\$40,000	\$50,000		\$120,000
HSIP			\$15,000	\$35,000	\$350,000		\$400,000
<b>Total</b>							<b>\$520,000</b>

**BUDGET/DELIVERY:**

Activity:	PE/RW/Envir	Construction	CE
<b>Budget:</b>	\$95,000	\$375,000	\$50,000
<b>Fiscal Year:</b>	TBD	TBD	TBD

**DESIGN DATA:**

	Lane Width	Shoulder Width	
Existing			
Standard			
Proj. Design			

**LOCATIONS:**

TBD

**TRAFFIC DATA:**

Present ADT	
Future ADT	
Road Classification	
Road Section No.	

*Nevada County Department of Public Works*  
**Road Maintenance and Capital Improvement Plan**  
**2015 Annual Update**

**APPENDIX A**  
Fiscal Year Financial Proformas

**Nevada County Department of Public Works  
CIP Financial Proforma  
FISCAL YEAR 2014/2015**

**REVENUE**

	<b>TOTALS</b>	<i>Discretionary</i>					<i>Restricted</i>							
		(x1M)	Hwy Users Tax	Measure F	New HUTA	State Exchange	Other	(x1M)	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev Fees	Other
(All dollars in Millions)														
<b>7/1/14 Fund Balance</b>	<b>\$13.73</b>	7.42	3.40	0.00	2.83	0.88	0.31	6.32	1.65	0.16	0.00	2.08	2.42	0.00
<b>14/15 Programmable Rev.</b>	<b>\$9.19</b>	6.73	2.59	1.80	1.70	0.39	0.25	2.46	0.49	0.03	1.31	0.53	0.07	0.06
<b>TOTAL</b>	<b>\$22.92</b>													

**EXPENDITURES**

Activity	<b>GRAND TOTAL</b>	<i>Discretionary</i>						<i>Restricted</i>							
		Fund Balance	14/15 Revenues	Hwy Users Tax	Measure F	New HUTA	State Exchange	Other	Fund Balance	14/15 Revenues	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev Fees
<b>ADMINISTRATION:</b>															
701 Admin Support	0.07		0.07	0.07	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
702 Admin Support	0.97		0.95	0.95	0.00	0.00	0.00	0.00		0.03	0.00	0.00	0.00	0.00	0.03
703 Admin Support	0.65		0.62	0.62	0.00	0.00	0.00	0.00		0.03	0.00	0.00	0.00	0.00	0.00
<b>Total Expenditures</b>	<b>1.70</b>		<b>1.63</b>	<b>1.63</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>0.06</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.03</b>
<b>MAINTENANCE:</b>															
Road Preservation - Overlay Prep	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Road Preservation - Chipseal	0.64		0.64	0.20	0.00	0.15	0.00	0.28		0.00	0.00	0.00	0.00	0.00	0.00
Shoulders/Drainage	0.68		0.68	0.09	0.29	0.29	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Vegetation Control	0.33		0.33	0.01	0.24	0.08	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
General Maintenance	3.36		2.91	0.52	0.94	1.45	0.00	0.00		0.45	0.45	0.00	0.00	0.00	0.00
Equipment Program	0.30		0.30	0.19	0.03	0.00	0.00	0.08		0.00	0.00	0.00	0.00	0.00	0.00
Special Projects and Overlay	0.92		0.92	0.63	0.29	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Expenditures</b>	<b>6.23</b>		<b>5.78</b>	<b>1.65</b>	<b>1.80</b>	<b>1.97</b>	<b>0.00</b>	<b>0.36</b>		<b>0.45</b>	<b>0.45</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>CAPTIAL IMPROVEMENTS:</b>															
Bridges	0.90		0.16	0.00	0.00	0.00	0.16	0.00		0.74	0.00	0.00	0.74	0.00	0.00
Safety	0.66		0.17	0.00	0.00	0.00	0.17	0.00		0.49	0.00	0.00	0.49	0.00	0.00
Shoulder Improvements/Maintenance	0.11		0.09	0.00	0.00	0.00	0.09	0.00		0.02	0.00	0.00	0.02	0.00	0.00
Circulation (Dev. Fee Projects)	0.26		0.00	0.00	0.00	0.00	0.00	0.00		0.26	0.00	0.00	0.05	0.00	0.18
<b>Total Expenditures</b>	<b>1.92</b>		<b>0.41</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.41</b>	<b>0.00</b>		<b>1.51</b>	<b>0.00</b>	<b>0.00</b>	<b>1.31</b>	<b>0.00</b>	<b>0.18</b>
	<b>9.84</b>														
<b>Available Rev.</b>	<b>\$22.92</b>	14.14	5.99	1.80	4.53	1.27	0.56	8.78	2.13	0.19	1.31	2.60	2.49	0.06	
<b>Total 14/15 Expenditures</b>	<b>\$9.84</b>	7.82	3.28	1.80	1.97	0.41	0.36	2.02	0.48	0.00	1.31	0.00	0.18	0.06	
<b>6/30/15 End Fund Balance</b>	<b>\$13.08</b>	\$6.33	2.71	0.00	2.56	0.86	0.20	\$6.76	1.65	0.19	0.00	2.60	2.31	0.00	



**Nevada County Department of Public Works  
CIP Financial Proforma  
FISCAL YEAR 2015/2016**

**REVENUE**

(All dollars in Millions)	<b>TOTALS</b>	<i>Discretionary</i>					<i>Restricted</i>							
		(x1M) <b>TOTAL</b>	Hwy Users Tax	Measure F	New HUTA	State Exchange	Other	(x1M) <b>TOTAL</b>	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev Fees	Other
<b>7/1/15 Fund Balance</b>	<b>\$13.08</b>	6.33	2.71	0.00	2.56	0.86	0.20	6.76	1.65	0.19	0.00	2.60	2.31	0.00
<b>15/16 Programmable Rev.</b>	<b>\$9.61</b>	6.61	2.59	1.65	1.73	0.39	0.25	3.00	0.49	0.03	1.87	0.53	0.07	0.03
<b>TOTAL</b>	<b>\$22.69</b>													

**EXPENDITURES**

Activity	<b>GRAND TOTAL</b>	<i>Discretionary</i>						<i>Restricted</i>							
		Fund Balance	15/16 Revenues	Hwy Users Tax	Measure F	New HUTA	State Exchange	Other	Fund Balance	15/16 Revenues	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev Fees
<b>ADMINISTRATION:</b>															
701 Admin Support	0.07		0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
702 Admin Support	1.00		0.97	0.97	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.03
703 Admin Support	0.67		0.63	0.63	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00
<b>Total Expenditures</b>	<b>1.73</b>		<b>1.67</b>	<b>1.67</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.06</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.03</b>
<b>MAINTENANCE:</b>															
Road Preservation - Overlay Prep	0.33		0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Road Preservation - Chipseal	0.45		0.45	0.07	0.24	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Shoulders/Drainage	0.69		0.69	0.06	0.17	0.40	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vegetation Control	0.34		0.34	0.08	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Maintenance	3.41		2.96	0.46	0.56	1.94	0.00	0.00	0.45	0.45	0.00	0.00	0.00	0.00	0.00
Equipment Program	0.30		0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Special Projects and Overlay	1.92		0.88	0.35	0.11	0.24	0.00	0.19	1.04	0.00	0.04	0.00	1.00	0.00	0.00
<b>Total Expenditures</b>	<b>7.43</b>		<b>5.94</b>	<b>1.31</b>	<b>1.65</b>	<b>2.72</b>	<b>0.00</b>	<b>0.25</b>	<b>1.49</b>	<b>0.45</b>	<b>0.04</b>	<b>0.00</b>	<b>1.00</b>	<b>0.00</b>	<b>0.00</b>
<b>CAPTIAL IMPROVEMENTS:</b>															
Bridges	1.18		0.15	0.00	0.00	0.00	0.15	0.00	1.03	0.00	0.00	1.03	0.00	0.00	0.00
Safety	0.77		0.34	0.00	0.00	0.00	0.34	0.00	0.43	0.00	0.00	0.33	0.10	0.00	0.00
Shoulder Improvements/Maintenance	0.32		0.13	0.00	0.00	0.00	0.13	0.00	0.19	0.00	0.00	0.04	0.15	0.00	0.00
Circulation (Dev. Fee Projects)	0.84		0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.47	0.00	0.37	0.00
<b>Total Expenditures</b>	<b>3.11</b>		<b>0.62</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.62</b>	<b>0.00</b>	<b>2.49</b>	<b>0.00</b>	<b>0.00</b>	<b>1.87</b>	<b>0.25</b>	<b>0.37</b>	<b>0.00</b>
	<b>12.27</b>														
<b>Available Rev.</b>	<b>\$22.69</b>	<b>12.94</b>	<b>5.29</b>	<b>1.65</b>	<b>4.30</b>	<b>1.25</b>	<b>0.45</b>	<b>9.76</b>	<b>2.14</b>	<b>0.22</b>	<b>1.87</b>	<b>3.13</b>	<b>2.38</b>	<b>0.03</b>	
<b>Total 15/16 Expenditures</b>	<b>\$12.27</b>	<b>8.23</b>	<b>2.98</b>	<b>1.65</b>	<b>2.72</b>	<b>0.62</b>	<b>0.25</b>	<b>4.04</b>	<b>0.48</b>	<b>0.04</b>	<b>1.87</b>	<b>1.25</b>	<b>0.37</b>	<b>0.03</b>	
<b>6/30/16 End Fund Balance</b>	<b>\$10.43</b>	<b>\$4.71</b>	<b>2.31</b>	<b>0.00</b>	<b>1.57</b>	<b>0.63</b>	<b>0.20</b>	<b>\$5.72</b>	<b>1.65</b>	<b>0.18</b>	<b>0.00</b>	<b>1.88</b>	<b>2.01</b>	<b>0.00</b>	

**Nevada County Department of Public Works  
CIP Financial Proforma  
FISCAL YEAR 2016/2017**

**REVENUE**

		<i>Discretionary</i>						<i>Restricted</i>						
		(x1M)						(x1M)						
(All dollars in Millions)	<b>TOTALS</b>	<b>TOTAL</b>	Hwy Users Tax	Measure F	New HUTA	State Exchange	Other	<b>TOTAL</b>	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev Fees	Other
7/1/16 Fund Balance	\$10.43	4.71	2.31	0.00	1.57	0.63	0.20	5.72	1.65	0.18	0.00	1.88	2.01	0.00
16/17 Programmable Rev.	\$15.60	6.68	2.59	1.68	1.77	0.39	0.25	8.92	0.49	0.03	7.79	0.53	0.07	0.03
<b>TOTAL</b>	<b>\$26.02</b>													

**EXPENDITURES**

Activity	GRAND TOTAL	<i>Discretionary</i>						<i>Restricted</i>							
		Fund Balance	16/17 Revenues	Hwy Users Tax	Measure F	New HUTA	State Exchange	Other	Fund Balance	16/17 Revenues	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev Fees
<b>ADMINISTRATION:</b>															
701 Admin Support	0.07		0.07	0.07	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
702 Admin Support	1.02		0.99	0.99	0.00	0.00	0.00	0.00		0.03	0.00	0.00	0.00	0.00	0.03
703 Admin Support	0.68		0.64	0.64	0.00	0.00	0.00	0.00		0.03	0.00	0.00	0.00	0.00	0.00
<b>Total Expenditures</b>	<b>1.77</b>		<b>1.70</b>	<b>1.70</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>0.06</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.03</b>
<b>MAINTENANCE:</b>															
Road Preservation - Overlay Prep	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Road Preservation - Chipseal	0.75		0.38	0.26	0.11	0.00	0.00	0.01		0.37	0.00	0.02	0.00	0.35	0.00
Shoulders/Drainage	0.70		0.70	0.05	0.20	0.26	0.00	0.19		0.00	0.00	0.00	0.00	0.00	0.00
Vegetation Control	0.35		0.35	0.05	0.21	0.08	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
General Maintenance	3.46		2.82	0.31	1.02	1.40	0.00	0.10		0.64	0.45	0.19	0.00	0.00	0.00
Equipment Program	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Special Projects and Overlay	0.92		0.92	0.52	0.13	0.10	0.00	0.16		0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Expenditures</b>	<b>6.18</b>		<b>5.17</b>	<b>1.20</b>	<b>1.68</b>	<b>1.84</b>	<b>0.00</b>	<b>0.45</b>		<b>1.01</b>	<b>0.45</b>	<b>0.20</b>	<b>0.00</b>	<b>0.35</b>	<b>0.00</b>
<b>CAPTIAL IMPROVEMENTS:</b>															
Bridges	6.95		0.25	0.00	0.00	0.00	0.25	0.00		6.70	0.00	0.00	6.70	0.00	0.00
Safety	0.93		0.25	0.00	0.00	0.00	0.25	0.00		0.68	0.00	0.00	0.68	0.00	0.00
Shoulder Improvements/Maintenance	0.42		0.02	0.00	0.00	0.00	0.02	0.00		0.41	0.00	0.00	0.41	0.00	0.00
Circulation (Dev. Fee Projects)	0.36		0.00	0.00	0.00	0.00	0.00	0.00		0.36	0.00	0.00	0.00	0.36	0.00
<b>Total Expenditures</b>	<b>8.66</b>		<b>0.52</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.52</b>	<b>0.00</b>		<b>8.15</b>	<b>0.00</b>	<b>0.00</b>	<b>7.79</b>	<b>0.00</b>	<b>0.36</b>
	<b>16.61</b>														
<b>Available Rev.</b>	<b>\$26.02</b>	<b>11.39</b>	<b>4.90</b>	<b>1.68</b>	<b>3.34</b>	<b>1.01</b>	<b>0.45</b>	<b>14.63</b>	<b>2.14</b>	<b>0.20</b>	<b>7.79</b>	<b>2.40</b>	<b>2.07</b>	<b>0.03</b>	
<b>Total 16/17 Expenditures</b>	<b>\$16.61</b>	<b>7.39</b>	<b>2.90</b>	<b>1.68</b>	<b>1.84</b>	<b>0.52</b>	<b>0.45</b>	<b>9.21</b>	<b>0.48</b>	<b>0.20</b>	<b>7.79</b>	<b>0.35</b>	<b>0.36</b>	<b>0.03</b>	
<b>6/30/17 End Fund Balance</b>	<b>\$9.41</b>	<b>\$4.00</b>	<b>2.00</b>	<b>0.00</b>	<b>1.50</b>	<b>0.50</b>	<b>0.00</b>	<b>\$5.42</b>	<b>1.65</b>	<b>0.00</b>	<b>0.00</b>	<b>2.05</b>	<b>1.71</b>	<b>0.00</b>	



**Nevada County Department of Public Works  
CIP Financial Proforma  
FISCAL YEAR 2017/2018**

**REVENUE**

(All dollars in Millions)	<b>TOTALS</b>	<i>Discretionary</i>					<i>Restricted</i>							
		(x1M) <b>TOTAL</b>	Hwy Users Tax	Measure F	New HUTA	State Exchange	Other	(x1M) <b>TOTAL</b>	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev Fees	Other
<b>7/1/17 Fund Balance</b>	<b>\$9.41</b>	4.00	2.00	0.00	1.50	0.50	0.00	5.42	1.65	0.00	0.00	2.05	1.71	0.00
<b>17/18 Programmable Rev.</b>	<b>\$13.07</b>	6.75	2.59	1.72	1.80	0.39	0.25	6.32	0.49	0.03	5.19	0.53	0.07	0.03
<b>TOTAL</b>	<b>\$22.49</b>													

**EXPENDITURES**

Activity	<b>GRAND TOTAL</b>	<i>Discretionary</i>						<i>Restricted</i>							
		Fund Balance	17/18 Revenues	Hwy Users Tax	Measure F	New HUTA	State Exchange	Other	Fund Balance	17/18 Revenues	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev Fees
<b>ADMINISTRATION:</b>															
701 Admin Support	0.07		0.07	0.07	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
702 Admin Support	1.04		1.01	1.01	0.00	0.00	0.00	0.00		0.03	0.00	0.00	0.00	0.00	0.03
703 Admin Support	0.69		0.68	0.66	0.00	0.00	0.00	0.00		0.03	0.00	0.00	0.00	0.00	0.00
<b>Total Expenditures</b>	<b>1.80</b>		<b>1.74</b>	<b>1.74</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>0.06</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.03</b>
<b>MAINTENANCE:</b>															
Road Preservation - Overlay Prep	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Road Preservation - Chipseal	0.76		0.31	0.16	0.00	0.12	0.00	0.03		0.45	0.03	0.00	0.42	0.00	0.00
Shoulders/Drainage	0.70		0.53	0.13	0.24	0.16	0.00	0.00		0.17	0.00	0.00	0.17	0.00	0.00
Vegetation Control	0.35		0.35	0.02	0.28	0.04	0.00	0.01		0.00	0.00	0.00	0.00	0.00	0.00
General Maintenance	3.51		3.06	0.47	0.88	1.49	0.00	0.22		0.45	0.45	0.00	0.00	0.00	0.00
Equipment Program	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Special Projects and Overlay	0.92		0.37	0.06	0.31	0.00	0.00	0.00		0.55	0.00	0.00	0.55	0.00	0.00
<b>Total Expenditures</b>	<b>6.25</b>		<b>4.62</b>	<b>0.85</b>	<b>1.72</b>	<b>1.80</b>	<b>0.00</b>	<b>0.25</b>		<b>1.62</b>	<b>0.45</b>	<b>0.03</b>	<b>0.00</b>	<b>1.15</b>	<b>0.00</b>
<b>CAPTIAL IMPROVEMENTS:</b>															
Bridges	4.99		0.14	0.00	0.00	0.00	0.14	0.00		4.84	0.00	0.00	4.84	0.00	0.00
Safety	0.43		0.08	0.00	0.00	0.00	0.08	0.00		0.35	0.00	0.00	0.35	0.00	0.00
Shoulder Improvements/Maintenance	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Circulation (Dev. Fee Projects)	1.06		0.00	0.00	0.00	0.00	0.00	0.00		1.06	0.00	0.00	0.00	1.06	0.00
<b>Total Expenditures</b>	<b>6.47</b>		<b>0.22</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.22</b>	<b>0.00</b>		<b>6.25</b>	<b>0.00</b>	<b>0.00</b>	<b>5.19</b>	<b>0.00</b>	<b>1.06</b>
	<b>14.52</b>														
<b>Available Rev.</b>	<b>\$22.49</b>	<b>10.75</b>	<b>4.59</b>	<b>1.72</b>	<b>3.30</b>	<b>0.88</b>	<b>0.25</b>	<b>11.74</b>	<b>2.14</b>	<b>0.03</b>	<b>5.19</b>	<b>2.58</b>	<b>1.77</b>	<b>0.03</b>	
<b>Total 17/18 Expenditures</b>	<b>\$14.52</b>	<b>6.58</b>	<b>2.59</b>	<b>1.72</b>	<b>1.80</b>	<b>0.22</b>	<b>0.25</b>	<b>7.94</b>	<b>0.48</b>	<b>0.03</b>	<b>5.19</b>	<b>1.15</b>	<b>1.06</b>	<b>0.03</b>	
<b>6/30/18 End Fund Balance</b>	<b>\$7.97</b>	<b>\$4.16</b>	<b>2.00</b>	<b>0.00</b>	<b>1.50</b>	<b>0.66</b>	<b>0.00</b>	<b>\$3.80</b>	<b>1.66</b>	<b>0.00</b>	<b>0.00</b>	<b>1.43</b>	<b>0.72</b>	<b>0.00</b>	

**Nevada County Department of Public Works  
CIP Financial Proforma  
FISCAL YEAR 2018/2019**

**REVENUE**

(All dollars in Millions)

**TOTALS**

<b>7/1/18 Fund Balance</b>	<b>\$7.97</b>
<b>18/19 Programmable Rev.</b>	<b>\$10.77</b>
<b>TOTAL</b>	<b>\$18.74</b>

<i>Discretionary</i>						
(x1M)						
TOTAL	Hwy Users Tax	Measure F	New HUTA	State Exchange	Other	
4.16	2.00	0.00	1.50	0.66		
6.82	2.59	1.75	1.84	0.39	0.25	

<i>Restricted</i>						
(x1M)						
TOTAL	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev Fees	Other
3.80	1.66	0.00	0.00	1.43	0.72	0.00
3.95	0.49	0.03	2.82	0.53	0.07	0.03

**EXPENDITURES**

Activity	GRAND TOTAL
<b>ADMINISTRATION:</b>	
701 Admin Support	0.08
702 Admin Support	1.06
703 Admin Support	0.71
<b>Total Expenditures</b>	<b>1.84</b>
<b>MAINTENANCE:</b>	
Road Preservation - Overlay Prep	0.00
Road Preservation - Chipseal	0.78
Shoulders/Drainage	0.70
Vegetation Control	0.35
General Maintenance	3.51
Equipment Program	0.00
Special Projects and Overlay	0.92
<b>Total Expenditures</b>	<b>6.26</b>
<b>CAPTIAL IMPROVEMENTS:</b>	
Bridges	3.08
Safety	0.00
Shoulder Improvements/Maintenance	0.00
Circulation (Dev. Fee Projects)	0.00
<b>Total Expenditures</b>	<b>3.08</b>
	11.18
<b>Available Rev.</b>	<b>\$18.74</b>
<b>Total 18/19 Expenditures</b>	<b>\$11.18</b>
<b>6/30/19 End Fund Balance</b>	<b>\$7.56</b>

<i>Discretionary</i>						
TOTALS						
Fund Balance	18/19 Revenues	Hwy Users Tax	Measure F	New HUTA	State Exchange	Other
	0.07	0.07	0.00	0.00	0.00	0.00
	1.03	1.03	0.00	0.00	0.00	0.00
	0.67	0.67	0.00	0.00	0.00	0.00
	1.78	1.78	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
	0.31	0.17	0.00	0.12	0.00	0.03
	0.52	0.13	0.24	0.16	0.00	0.00
	0.35	0.02	0.28	0.04	0.00	0.01
	3.06	0.44	0.88	1.53	0.00	0.22
	0.00	0.00	0.00	0.00	0.00	0.00
	0.41	0.06	0.35	0.00	0.00	0.00
	4.66	0.81	1.75	1.84	0.00	0.25
	0.26	0.00	0.00	0.00	0.26	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
	0.26	0.00	0.00	0.00	0.26	0.00
	10.98	4.59	1.75	3.34	1.05	0.25
	6.69	2.59	1.75	1.84	0.26	0.25
	\$4.29	2.00	0.00	1.50	0.79	0.00

<i>Restricted</i>							
TOTALS							
Fund Balance	17/18 Revenues	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev Fees	Other
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.03	0.00	0.00	0.00	0.00	0.00	0.03
	0.03	0.03	0.00	0.00	0.00	0.00	0.00
	0.07	0.03	0.00	0.00	0.00	0.00	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.46	0.00	0.03	0.00	0.43	0.00	0.00
	0.18	0.00	0.00	0.00	0.18	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.45	0.45	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.51	0.00	0.00	0.00	0.51	0.00	0.00
	1.60	0.45	0.03	0.00	1.13	0.00	0.00
	2.82	0.00	0.00	2.82	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2.82	0.00	0.00	2.82	0.00	0.00	0.00
	7.75	2.14	0.03	2.82	1.96	0.78	0.03
	4.49	0.48	0.03	2.82	1.13	0.00	0.03
	\$3.27	1.66	0.00	0.00	0.83	0.78	0.00

*Nevada County Department of Public Works*  
**Road Maintenance and Capital Improvement Plan**  
**2015 Annual Update**

**APPENDIX B**  
Funding Commitment Schedule



**Nevada County Department of Public Works  
Maintenance Plan - Funding Commitments  
Fiscal Year 2014/2015**

	<i>Discretionary Funds</i>						<i>Restricted Funds</i>					
Balance Forward	13685.4	3399.4	2828.5	881.0	307.0	1649.1	164.0	2079.2	2377.2			
Projected 14/15 Revenue	10808.0	2588.4	1800.0	1700.0	386.7	254.0	485.5	26.2	2922.0	525.0	65.0	
Available Revenue	24493.4	5987.8	1800.0	4528.5	1267.7	561.0	2134.6	190.2	2922.0	2604.2	2442.2	
Admin/Eng/Maint Support Expenditures	1696.0	1635.0					33.9				2.0	
Projected Available Revenue	22797.4	4352.9	1800.0	4528.5	1267.7	561.0	2100.8	190.2	2922.0	2604.2	2440.2	

No.	Maintenance Activity	Removal/Road Const.	Program Strategies			Total Annual \$	Road Fund	Meas. F	New HUTA	State Exchange	Fed Forest/ RF Support	CSA/ PRD	Trust Fund	Federal Grants	RSTP	Dev. Fees	Other
			Miles/Yr	Cycle in Years	Annual \$												
<b>Roadway Preservation:</b>						<b>638.6</b>											
RP-1	Overlays - Preparation	Road Preparation for Overlay Contract	10	45 yrs													
RP-2	Chipseals - Preparation	Prepare Roadway/Shoulders, Operations	20	14 yrs	638.6		203.8		152.6		282.1						
<b>Drainage &amp; Shoulder Maintenance:</b>						<b>675.1</b>											
DSM-1	Routine shoulder maintenance	Ditch Cleaning	25 crew days per year		121.3			109.3	12.0								
DSM-2	Routine shoulder maintenance	Shoulder Maint. (Projects: Cooper & Scotts Valley)	35	12 yrs	553.9		89.6	182.4	281.8								
<b>Vegetation Control:</b>						<b>333.3</b>											
VC-1	Vegetation removal and control	Fire Suppression/Brushing/Tree Removal	65	9 yrs	189.5		14.5	100.0	75.0								
VC-2	Vegetation removal and control	Shoulder Mowing	20	20 yrs	89.7			89.7									
VC-3	Vegetation removal and control	Roadside Spraying	353 mi 2x	annual	54.1			54.1									
<b>General Maintenance:</b>						<b>3359.0</b>											
SR-1	Snow Removal and Ice Control	Snow Removal - Eastern Co. (contract)		annual	302.4		44.9	206.3	51.3								
SR-2	Snow Removal and Ice Control	Snow Removal - Western Co.		annual	362.1		22.1		340.0								
SR-3	Snow Removal and Ice Control	Ice Control - Western Co.		annual	197.0		62.5	134.5									
SD-1	Storm Damage	Storm Damage Response and Repairs		annual	106.5			106.5									
BCM-1	Bridge and Culvert Maintenance	Minor Repair, Replace, Maintain		annual	100.0			100.0									
RM-1	Routine Maintenance	Pavement Repairs	413	annual	372.7		22.7		350.0								
RM-2	Routine Maintenance	Dirt and Gravel Road Maintenance	148	annual	330.1		20.1		310.0								
RM-3	Routine Maintenance	Signing and Striping	561	annual	266.2		16.2		250.0								
RM-4	Routine Maintenance	Miscellaneous	580	annual	849.3		308.5	396.0	144.8								
RM-5	Routine Maintenance	CSA/PRD Maintenance		annual	472.7		22.7				450.0						
<b>Equipment Replacement Program:</b>						<b>300.0</b>											
ERP-1	Equipment Replacement					300.0	190.0	31.2			78.9						
<b>Maintenance Special Projects:</b>						<b>920.0</b>											
MSP-1	Striping Contract 2014 and 2015	Annual Striping Contract			290.0			290.0									
MSP-2	Overlay Contract 2014	Annual Overlay Contract															
MSP-4	Chip Seal 2014	Annual Chip Seal			630.0		630.0										

<b>Summary</b>																	
Projected Available Revenue						22797.4	4352.9	1800.0	4528.5	1267.7	561.0	2100.8	190.2	2922.0	2604.2	2440.2	30.0
Maintenance Expenditures 14/15						6226.0	1647.6	1800.0	1967.4		361.0	450.0					
Revenue available for CIP Capital Impr.						16571.5	2705.3		2561.0	1267.7	200.0	1650.8	190.2	2922.0	2604.2	2440.2	30.0

**Nevada County Department of Public Works  
Capital Improvement Plan Annual Update  
Fiscal Year 2014/2015**

FISCAL YEAR 2014/2015

	<b>Discretionary Funds</b>	<b>Restricted Funds</b>
Bal. Available for Capital Improv.	16571.5	2705.3
	2561.0	1267.7
	200.0	1650.8
	190.2	2922.0
	2604.2	2440.2
	30.0	

No.	Project Location	Project Description	PROJECT BUDGETS				Const. YR	Prior FYs	FY 14/15	Road Fund	Meas. F	New HUTA	State Exchange	Fed Forest/ RF Support	CSA/ PRD	Trust Fund	Federal Grants	RSTP	Dev. Fees	Other
			PE	CONST	CE	TOTAL														
			(x1000)																	
<b>Bridge Projects:</b>																				
B 2-03	Hirschdale Bridges - River & RR	Seismic Retrofit	1641.1	3310.0	500.0	5451.1	2016	1440.0	161.1			37.0				124.1				
B 2-07	Maybert Bridge	Replacement	474.6	825.0	120.0	1419.6	2016	387.2	87.4			14.3				73.1				
B 1-11	Retrac Road Bridge	Replacement	530.9	1351.2	190.2	2072.3	16 & 17	379.2	81.7			20.0				61.7				
B 1-05	Purdon Bridge @ S. Yuba	Paint/Rehab	374.0	568.8	67.4	1010.3	2013	1004.5	5.7			5.7								
B 1-14	Soda Springs @ Donner Pass Bridge	Replacement	345.0	1463.0	175.0	1983.0	2018	0.3	294.7			33.7				261.0				
B 2-14	Soda Springs @ S. Yuba	Replacement	385.0	1000.0	110.0	1495.0	2018	0.3	219.7			19.9				199.8				
B 3-14	Purdon @ Shady Creek	Replacement	412.0	1675.0	221.0	2308.0	2019	0.3	351.7			31.9				319.8				
B 4-14	McCourtney @ Rock Creek	Replacement	410.0	1200.0	164.0	1774.0	2017	0.3	259.7			19.9				239.8				
B 5-14	Garden Bar @ Little Wolf Creek	Replacement	330.0	900.0	120.0	1350.0	2017	0.1	159.9			10.0				150.0				
B 6-14	Garden Bar @ Little Wolf Creek II	Replacement	410.0	1200.0	164.0	1774.0	2017	0.3	259.7			19.9				239.8				
B 7-14	N. Bloomfield @ S. Yuba	TBD	220.0			220.0	TBD	0.3	159.7			9.9				149.8				
B 8-14	Dog Bar @ Bear River	TBD	200.0	300.0	80.2	580.2	TBD	0.4	79.8			10.0				69.8				
<b>Safety Projects:</b>																				
SA 1-12	Newtown CMAQ	Class II/III Bicycle Lanes	800.0	800.0	80.0	1680.0	2016	651.1	129.1			101.5				27.6				
SA 3-12	Penn Valley Drive Safety Improvements	Road Widening	50.0	270.0	30.0	350.0	2015	22.2	327.8			227.8					100.0			
SA 4-12	Lime Kiln Safety (HSIP)	Curve and Shoulder Improvements	63.5	248.9	51.5	364.0	2014	68.8	295.1			40.3				254.8				
SA 1-13	HSIP - 2014 Thermoplastic Striping	Striping	16.3	163.0	32.4	211.7	2014	19.3	192.4			26.7				165.6				
SA 2-13	HSIP - Signing Audit Project	Sign Audit/Update Signage	86.7	300.6	45.1	432.4	2015	16.7	91.1			47.7				43.3				
<b>Shoulder Improvement Projects:</b>																				
SH 1-16	Nevada City Sidewalk Extension (CMAQ)	Sidewalk Construction	79.8	359	62.35	501.15	2016		25.0			5.0				20.0				
<b>Maintenance Projects:</b>																				
MA 1-12	Donner Pass Road Rehabilitation	Reconstruct Roadway	618.7			618.7	TBD	73.3	346.7			346.7								
MA 2-12	Newtown Shoulders	Shoulder Improvements		283.6		283.6	2014	233.6	50.0			50.0								
MA 1-13	Lime Kiln Shoulders	Shoulder Improvements	30.0	240.0	30.0	300.0	2015		300.0			150.0					150.0			
<b>Development Fee Projects:</b>																				
DF 1-01	Brunswick / Loma Rica (HSIP)	Signal Improvements	172.5	800.0	80.0	1052.5	2015	1132.4	521.9							521.9				
DF 1-02	Combie Corridor Improvements	Phased Widening	514.5	1273.5	142.7	1930.7	TBD	1804.7	63.0									63.0		
DF 1-13	Local Mitigation Fee Program Update	Study/Fee Update	50.0			50.0	2015		30.0										30.0	

<b>Summary</b>																
Projected Available Revenue	16571.5	2705.3	2561.0	1267.7	200.0	1650.8	190.2	2922.0	2604.2	2440.2	30.0					
Project encumbrances	4492.7			1227.7				2922.0	250.0	63.0	30.0					
Available Funds	12078.8	2705.3	2561.0	40.0	200.0	1650.8	190.2	2354.2	2377.2							



## Nevada County Department of Public Works Maintenance Plan - Funding Commitments Fiscal Year 2015/2016

<i>Discretionary Funds</i>							<i>Restricted Funds</i>					
Balance Forward	12078.8	2705.3		2581.0	40.0	200.0	1650.8	190.2		2354.2	2377.2	
Projected 15/16 Revenue	13929.8	2588.4	1650.0	1734.0	386.7	254.0	485.5	26.2	6187.3	525.0	65.0	27.7
Available Revenue	26008.5	5293.7	1650.0	4295.0	426.7	454.0	2136.2	216.4	6187.3	2879.2	2442.2	27.7
Admin/Eng/Maint Support Expenditures	1732.9	1669.3					33.9				2.0	27.7
<b>Projected Available Revenue</b>	<b>24275.7</b>	<b>3624.4</b>	<b>1650.0</b>	<b>4295.0</b>	<b>426.7</b>	<b>454.0</b>	<b>2102.4</b>	<b>216.4</b>	<b>6187.3</b>	<b>2879.2</b>	<b>2440.2</b>	

No.	Maintenance Activity	Program Strategies			(x1000)												
		Miles/Yr	Cycle in Years	Annual \$	Total Annual \$	Road Fund	Meas. F	New HUTA	State Exchange	Fed Forest/RF Support	CSA/PRD	Trust Fund	Federal Grants	RSTP	Dev. Fees	Other	
<b>Roadway Preservation:</b>					<b>775.5</b>												
RP-1	Overlays - Preparation	Road Preparation for Overlay Contract	10	45 yrs	325.0												
RP-2	Chipseals - Preparation	Prepare Roadway/Shoulders, Operations	20	14 yrs	450.5	69.8	235.5	145.2									
<b>Drainage &amp; Shoulder Maintenance:</b>					<b>686.0</b>												
DSM-1	Routine shoulder maintenance	Ditch Cleaning	25 crew days per year		123.2	11.2		112.0									
DSM-2	Routine shoulder maintenance	Shoulder Maint. (Projects: Cooper & Scotts Valley)	35	12 yrs	562.8	44.1	167.9	285.7		65.1							
<b>Vegetation Control:</b>					<b>338.7</b>												
VC-1	Vegetation removal and control	Fire Suppression/Brushing/Tree Removal	65	9 yrs	192.5	74.5	118.0										
VC-2	Vegetation removal and control	Shoulder Mowing	20	20 yrs	91.2	6.0	85.2										
VC-3	Vegetation removal and control	Roadside Spraying	353 mi 2x	annual	55.0	3.6	51.4										
<b>General Maintenance:</b>					<b>3409.0</b>												
SR-1	Snow Removal and Ice Control	Snow Removal - Eastern Co. (contract)		annual	312.5	16.4	6.4	289.7									
SR-2	Snow Removal and Ice Control	Snow Removal - Western Co.		annual	366.7	205.9	72.9	88.0									
SR-3	Snow Removal and Ice Control	Ice Control - Western Co.		annual	199.6	23.8	175.8										
SD-1	Storm Damage	Storm Damage Response and Repairs		annual	107.9	5.7	102.2										
BCM-1	Bridge and Culvert Maintenance	Minor Repair, Replace, Maintain		annual	107.9	7.9		100.0									
RM-1	Routine Maintenance	Pavement Repairs	413	annual	377.5	27.5		350.0									
RM-2	Routine Maintenance	Dirt and Gravel Road Maintenance	148	annual	334.4	24.4		310.0									
RM-3	Routine Maintenance	Signing and Striping	561	annual	269.7	19.7		250.0									
RM-4	Routine Maintenance	Miscellaneous	580	annual	860.2	104.2	198.3	555.5		2.2							
RM-5	Routine Maintenance	CSA/PRD Maintenance		annual	472.7	22.7					450.0						
<b>Equipment Replacement Program:</b>					<b>300.0</b>												
ERP-1	Equipment Replacement				300.0	300.0											
<b>Maintenance Special Projects:</b>					<b>1920.0</b>												
MSP-1	Striping Contract 2015 and 2016	Annual Striping Contract			290.0	77.7	87.2	125.1									
MSP-2	Overlay Contract 2015	Annual Overlay Contract			1000.0										1000.0		
MSP-4	Chip Seal 2015	Annual Chip Seal			630.0	268.1	24.3	112.7		186.6		38.3					

<b>Summary</b>															
Projected Available Revenue					24275.7	3624.4	1650.0	4295.0	426.7	454.0	2102.4	216.4	6187.3	2879.2	2440.2
Maintenance Expenditures 15/16					7429.2	1313.0	1650.0	2723.9		254.0	450.0	38.3		1000.0	
Revenue available for CIP Capital Impr.					16846.5	2311.4		1571.2	426.7	200.0	1652.4	178.0	6187.3	1879.2	2440.2



**Nevada County Department of Public Works  
Capital Improvement Plan Annual Update  
Fiscal Year 2015/2016**

*Discretionary Funds*

*Restricted Funds*

Bal. Available for Capital Improv.	16846.5	2311.4	1571.2	426.7	200.0	1652.4	178.0	6187.3	1879.2	2440.2
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FISCAL YEAR 2015/2016

(x1000)

No.	Project Location	Project Description	PROJECT BUDGETS				Const. YR	Prior FYs	FY 15/16	Road Fund	Meas. F	New HUTA	State Exchange	Fed Forest/ RF Support	CSA/ PRD	Trust Fund	Federal Grants	RSTP	Dev. Fees	Other
			PE	CONST	CE	TOTAL														
			(x1000)																	
<b>Bridge Projects:</b>																				
B 2-03	Hirschdale Bridges - River & RR	Seismic Retrofit	1641.1	3310.0	500.0	5451.1	2016	1601.1	3850.0				50.0							3800.0
B 2-07	Maybert Bridge	Replacement	474.6	825.0	120.0	1419.6	2016	474.6	945.0				25.0							920.0
B 1-11	Retrac Road Bridge	Replacement	530.9	1351.2	190.2	2072.3	16 & 17	460.9	70.0				20.0							50.0
B 1-14	Soda Springs @ Donner Pass Bridge	Replacement	345.0	1463.0	175.0	1983.0	2018	295.0	20.0				20.0							
B 2-14	Soda Springs @ S. Yuba	Replacement	385.0	1000.0	110.0	1495.0	2018	220.0												
B 3-14	Purdon @ Shady Creek	Replacement	412.0	1675.0	221.0	2308.0	2019	352.0												
B 4-14	McCourtney @ Rock Creek	Replacement	410.0	1200.0	164.0	1774.0	2017	260.0	90.0				10.0							80.0
B 5-14	Garden Bar @ Little Wolf Creek	Replacement	330.0	900.0	120.0	1350.0	2017	160.0	110.0				10.0							100.0
B 6-14	Garden Bar @ Little Wolf Creek II	Replacement	410.0	1200.0	164.0	1774.0	2017	260.0	90.0				10.0							80.0
B 7-14	N. Bloomfield @ S. Yuba	TBD	220.0			220.0	TBD	160.0	10.0				10.0							
B 8-14	Dog Bar @ Bear River	TBD	200.0	300.0	80.2	580.2	TBD	80.2	119.8				20.0							99.8
B 1-15	Penn Valley Bridge Widening	Rehabilitation	380.0	1079.3	129.5	1588.8	TBD		30.0				10.0							20.0
B 2-15	McCourtney @ Lime Kiln Bridge	Rehabilitation	385.0	1000.0	110.0	1495.0	TBD		30.0				10.0							20.0
<b>Safety Projects:</b>																				
SA 1-12	Newtown CMAQ	Class II/III Bicycle Lanes	800.0	800.0	80.0	1680.0	2016	780.3	799.7				158.2							641.5
SA 3-12	Penn Valley Drive Safety Improvements	Road Widening	50.0	270.0	30.0	350.0	2015	350.0												
SA 2-13	HSIP - Signing Audit Project	Sign Audit/Update Signage	86.7	300.6	45.1	432.4	2015	107.8	324.6				13.5							311.1
SA 1-15	HSIP Cycle 7 Projects	TBD	95.0	375.0	50.0	520.0	2017		45.0				30.0							15.0
<b>Shoulder Improvement Projects:</b>																				
SH 1-16	Nevada City Sidewalk Extension (CMAQ)	Sidewalk Construction	79.8	359.0	62.4	501.2	2016	25.0	59.8				10.0							49.8
<b>Maintenance Projects:</b>																				
MA 1-12	Donner Pass Road Rehabilitation	Reconstruct Roadway	618.7			618.7	TBD	420.0												
MA 1-13	Lime Kiln Shoulders	Shoulder Improvements	30.0	240.0	30.0	300.0	2015	300.0												
<b>Development Fee Projects:</b>																				
DF 1-01	Brunswick / Loma Rica (HSIP)	Signal Improvements	172.5	800.0	80.0	1052.5	2015	1654.3												
DF 1-02	Combie Corridor Improvements	Phased Widening	514.5	1273.5	142.7	1930.7	TBD	1867.7	63.0											63.0
DF 1-13	Local Mitigation Fee Program Update	Study/Fee Update	50.0			50.0	2015	30.0	20.0											20.0

**Summary**

Projected Available Revenue	16846.5	2311.4	1571.2	426.7	200.0	1652.4	178.0	6187.3	1879.2	2440.2
Project encumbrances	6677.0			406.7				6187.3		83.0
Available Funds	10169.5	2311.4	1571.2	20.0	200.0	1652.4	178.0	1879.2	2357.2	

## Nevada County Department of Public Works Maintenance Plan - Funding Commitments Fiscal Year 2016/2017

	<i>Discretionary Funds</i>						<i>Restricted Funds</i>					
Balance Forward	10169.5	2311.4		1571.2	20.0	200.0	1652.4	178.0		1879.2	2357.2	
Projected 16/17 Revenue	10587.9	2588.4	1683.0	1768.7	386.7	254.0	485.5	26.2	2777.1	525.0	65.0	28.2
Available Revenue	20757.4	4899.9	1683.0	3339.8	406.7	454.0	2137.9	204.2	2777.1	2404.2	2422.2	28.2
Admin/Eng/Maint Support Expenditures	1768.5	1704.3					33.9				2.0	28.2
<b>Projected Available Revenue</b>	<b>18988.9</b>	<b>3195.5</b>	<b>1683.0</b>	<b>3339.8</b>	<b>406.7</b>	<b>454.0</b>	<b>2104.0</b>	<b>204.2</b>	<b>2777.1</b>	<b>2404.2</b>	<b>2420.2</b>	

No.	Maintenance Activity	Program Strategies			Total Annual \$	(x1000)												
		Miles/Yr	Cycle in Years	Annual \$		Road Fund	Meas. F	New HUTA	State Exchange	Fed Forest/ RF Support	CSA/ PRD	Trust Fund	Federal Grants	RSTP	Dev. Fees	Other		
<b>Roadway Preservation:</b>					<b>752.9</b>													
RP-1	Overlays - Preparation	Road Preparation for Overlay Contract	10	45 yrs														
RP-2	Chipseals - Preparation	Prepare Roadway/Shoulders, Operations	20	14 yrs	752.9	260.9	112.1				11.1		18.0		350.8			
<b>Drainage &amp; Shoulder Maintenance:</b>					<b>699.1</b>													
DSM-1	Routine shoulder maintenance	Ditch Cleaning	25 crew days per year		125.6	8.1	117.5											
DSM-2	Routine shoulder maintenance	Shoulder Maintenance	35	12 yrs	573.6	44.1	84.9	257.9			186.6							
<b>Vegetation Control:</b>					<b>345.2</b>													
VC-1	Vegetation removal and control	Fire Suppression/Brushing/Tree Removal	65	9 yrs	196.2	40.6	72.7	82.9										
VC-2	Vegetation removal and control	Shoulder Mowing	20	20 yrs	92.9	6.0	87.0											
VC-3	Vegetation removal and control	Roadside Spraying	353 mi 2x annual		56.1	3.6	52.5											
<b>General Maintenance:</b>					<b>3460.2</b>													
SR-1	Snow Removal and Ice Control	Snow Removal - Eastern Co. (contract)		annual	323.6	16.7	178.3				54.8		73.8					
SR-2	Snow Removal and Ice Control	Snow Removal - Western Co.		annual	372.4	19.3	265.1	88.0										
SR-3	Snow Removal and Ice Control	Ice Control - Western Co.		annual	202.6	52.0	102.3						48.3					
SD-1	Storm Damage	Storm Damage Response and Repairs		annual	109.5	5.7	61.9				42.0							
BCM-1	Bridge and Culvert Maintenance	Minor Repair, Replace, Maintain		annual	109.5	5.7	3.9	100.0										
RM-1	Routine Maintenance	Pavement Repairs	413	annual	383.3	19.8	106.4	257.1										
RM-2	Routine Maintenance	Dirt and Gravel Road Maintenance	148	annual	339.5	17.6	11.9	310.0										
RM-3	Routine Maintenance	Signing and Striping	561	annual	273.8	14.2	9.6	250.0										
RM-4	Routine Maintenance	Miscellaneous	580	annual	873.4	136.3	282.6	390.4					64.1					
RM-5	Routine Maintenance	CSA/PRD Maintenance		annual	472.7	22.7					450.0							
<b>Equipment Replacement Program:</b>																		
ERP-1	Equipment Replacement																	
<b>Maintenance Special Projects:</b>					<b>920.0</b>													
MSP-1	Striping Contract 2016 and 2017	Annual Striping Contract			290.0	140.6	116.1	33.3										
MSP-2	Overlay Contract 2016	Annual Overlay Contract																
MSP-4	Chip Seal 2016	Annual Chip Seal			630.0	381.8	18.4	70.3			159.5							

**Summary**

Projected Available Revenue	18988.9	3195.5	1683.0	3339.8	406.7	454.0	2104.0	204.2	2777.1	2404.2	2420.2
Maintenance Expenditures 16/17	6177.4	1195.5	1683.0	1839.8		454.0	450.0	204.2		350.8	
Revenue available for CIP Capital Impr.	12811.5	2000.0		1500.0	406.7		1654.0		2777.1	2053.4	2420.2

**Nevada County Department of Public Works  
Capital Improvement Plan Annual Update  
Fiscal Year 2016/2017**

*Discretionary Funds*

*Restricted Funds*

Bal. Available for Capital Improv.	12811.5	2000.0	1500.0	406.7	1654.0	2777.1	2053.4	2420.2
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FISCAL YEAR 2016/2017

(x1000)

No.	Project Location	Project Description	PROJECT BUDGETS				Const. YR	Prior FYs	FY 16/17	Road Fund	Meas. F	New HUTA	State Exchange	Fed Forest/ RF Support	CSA/ PRD	Trust Fund	Federal Grants	RSTP	Dev. Fees	Other
			PE	CONST	CE	TOTAL														
			(x1000)																	
<b>Bridge Projects:</b>																				
B 2-03	Hirschdale Bridges - River & RR	Seismic Retrofit	1641.1	3310.0	500.0	5451.1	2016	5451.1												
B 2-07	Maybert Bridge	Replacement	474.6	825.0	120.0	1419.6	2016	1419.6												
B 1-11	Retrac Road Bridge	Replacement	530.9	1351.2	190.2	2072.3	16 & 17	530.9	1541.3				20.0							1521.3
B 1-14	Soda Springs @ Donner Pass Bridge	Replacement	345.0	1463.0	175.0	1983.0	2018	315.0	70.0				25.7							44.3
B 2-14	Soda Springs @ S. Yuba	Replacement	385.0	1000.0	110.0	1495.0	2018	220.0	105.0				10.0							95.0
B 3-14	Purdon @ Shady Creek	Replacement	412.0	1675.0	221.0	2308.0	2019	352.0	60.0				10.0							50.0
B 4-14	McCourtney @ Rock Creek	Replacement	410.0	1200.0	164.0	1774.0	2017	350.0	60.0				10.0							50.0
B 5-14	Garden Bar @ Little Wolf Creek	Replacement	330.0	900.0	120.0	1350.0	2017	270.0	60.0				10.0							50.0
B 6-14	Garden Bar @ Little Wolf Creek II	Replacement	410.0	1200.0	164.0	1774.0	2017	350.0	60.0				10.0							50.0
B 7-14	N. Bloomfield @ S. Yuba	TBD	220.0			220.0	TBD	170.0	50.0				50.0							
B 8-14	Dog Bar @ Bear River	TBD	200.0	300.0	80.2	580.2	TBD	200.0	380.2				25.0							355.2
B 1-15	Penn Valley Bridge Widening	Rehabilitation	380.0	1079.3	129.5	1588.8	TBD	30.0	80.0				20.0							60.0
B 2-15	McCourtney @ Lime Kiln Bridge	Rehabilitation	385.0	1000.0	110.0	1495.0	TBD	30.0	85.0				20.0							65.0
<b>Safety Projects:</b>																				
SA 1-12	Newtown CMAQ	Class II/III Bicycle Lanes	800.0	800.0	80.0	1680.0	2016	1580.0	100.0				100.0							
SA 1-15	HSIP Cycle 7 Projects	TBD	95.0	375.0	50.0	520.0	2017	45.0	75.0				40.0							35.0
<b>Shoulder Improvement Projects:</b>																				
SH 1-16	Nevada City Sidewalk Extension (CMAQ)	Sidewalk Construction	79.8	359.0	62.4	501.2	2016	84.8	416.4				15.0							401.4
<b>Maintenance Projects:</b>																				
MA 1-12	Donner Pass Road Rehabilitation	Reconstruct Roadway	618.7			618.7	TBD	420.0	41.0				41.0							
<b>Development Fee Projects:</b>																				
DF 1-02	Combie Corridor Improvements	Phased Widening	514.5	1273.5	142.7	1930.7	TBD	1930.7												

**Summary**

Projected Available Revenue	12811.5	2000.0	1500.0	406.7	1654.0	2777.1	2053.4	2420.2
Project encumbrances	3183.8			406.7		2777.1		
Available Funds	9627.6	2000.0	1500.0		1654.0		2053.4	2420.2



**Nevada County Department of Public Works  
Maintenance Plan - Funding Commitments  
Fiscal Year 2017/2018**

	<i>Discretionary Funds</i>							<i>Restricted Funds</i>						
Balance Forward	9627.6	2000.0		1500.0				1654.0		2053.4	2420.2			
Projected 17/18 Revenue	12198.3	2588.4	1716.7	1804.1	386.7	254.0		485.5	26.2	4318.0	525.0	65.0	28.8	
Available Revenue	21826.0	4588.4	1716.7	3304.1	386.7	254.0		2139.5	26.2	4318.0	2578.4	2485.2	28.8	
Admin/Eng/Maint Support Expenditures	1804.8	1740.1						33.9					2.0	28.8
Projected Available Revenue	20021.1	2848.3	1716.7	3304.1	386.7	254.0		2105.6	26.2	4318.0	2578.4	2483.2		

			<b>Program Strategies</b>			(x1000)												
No.	Maintenance Activity		Miles/Yr	Cycle in Years	Annual \$	Total Annual \$	Road Fund	Meas. F	New HUTA	State Exchange	Fed Forest/ RF Support	CSA/ PRD	Trust Fund	Federal Grants	RSTP	Dev. Fees	Other	
<b>Roadway Preservation:</b>						<b>761.4</b>												
RP-1	Overlays - Preparation	Road Preparation for Overlay Contract	10	45 yrs														
RP-2	Chipseals - Preparation	Prepare Roadway/Shoulders, Operations	20	14 yrs	761.4		163.6		122.4		25.4			26.2		423.8		
<b>Drainage &amp; Shoulder Maintenance:</b>						<b>700.8</b>												
DSM-1	Routine shoulder maintenance	Ditch Cleaning	25 crew days per year		127.9		8.1	119.8										
DSM-2	Routine shoulder maintenance	Shoulder Maintenance	35	12 yrs	572.8		121.9	121.5	156.1							173.3		
<b>Vegetation Control:</b>						<b>351.7</b>												
VC-1	Vegetation removal and control	Fire Suppression/Brushing/Tree Removal	65	9 yrs	199.9		12.6	142.4	36.1		8.8							
VC-2	Vegetation removal and control	Shoulder Mowing	20	20 yrs	94.7		6.0	88.7										
VC-3	Vegetation removal and control	Roadside Spraying	353 mi 2x	annual	57.1		3.6	53.5										
<b>General Maintenance:</b>						<b>3511.8</b>												
SR-1	Snow Removal and Ice Control	Snow Removal - Eastern Co. (contract)		annual	335.1		102.7	232.4										
SR-2	Snow Removal and Ice Control	Snow Removal - Western Co.		annual	378.0		163.4	94.7			119.9							
SR-3	Snow Removal and Ice Control	Ice Control - Western Co.		annual	205.7		10.5	105.4	89.8									
SD-1	Storm Damage	Storm Damage Response and Repairs		annual	111.2		5.7	5.5			100.0							
BCM-1	Bridge and Culvert Maintenance	Minor Repair, Replace, Maintain		annual	111.2		5.7	5.5	100.0									
RM-1	Routine Maintenance	Pavement Repairs	413	annual	389.1		19.8	19.3	350.0									
RM-2	Routine Maintenance	Dirt and Gravel Road Maintenance	148	annual	344.6		17.6	17.1	310.0									
RM-3	Routine Maintenance	Signing and Striping	561	annual	277.9		14.2	13.8	250.0									
RM-4	Routine Maintenance	Miscellaneous	580	annual	886.5		111.0	385.9	389.6									
RM-5	Routine Maintenance	CSA/PRD Maintenance		annual	472.7		22.7					450.0						
<b>Equipment Replacement Program:</b>																		
ERP-1	Equipment Replacement																	
<b>Maintenance Special Projects:</b>						<b>920.0</b>												
MSP-1	Striping Contract 2017 and 2018	Annual Striping Contract			290.0		59.4	230.6										
MSP-2	Overlay Contract 2017	Annual Overlay Contract																
MSP-4	Chip Seal 2017	Annual Chip Seal			630.0			80.8								549.2		

<b>Summary</b>																	
Projected Available Revenue						20021.1	2848.3	1716.7	3304.1	386.7	254.0	2105.6	26.2	4318.0	2578.4	2483.2	
Maintenance Expenditures 17/18						6245.6	848.3	1716.7	1804.1		254.0	450.0	26.2		1146.4		
Revenue available for CIP Capital Impr.						13775.5	2000.0		1500.0	386.7		1655.6		4318.0	1432.0	2483.2	

**Nevada County Department of Public Works  
Capital Improvement Plan Annual Update  
Fiscal Year 2017/2018**

FISCAL YEAR 2017/2018

	<b>Discretionary Funds</b>	<b>Restricted Funds</b>
Bal. Available for Capital Improv.	13775.5	2000.0
	1500.0	386.7
	1655.6	4318.0
	1432.0	2483.2

No.	Project Location	Project Description	PROJECT BUDGETS				Const. YR	Prior FYs	FY 17/18	Road Fund	Meas. F	New HUTA	State Exchange	Fed Forest/ RF Support	CSA/ PRD	Trust Fund	Federal Grants	RSTP	Dev. Fees	Other
			PE	CONST	CE	TOTAL														
			(x1000)																	
<b>Bridge Projects:</b>																				
B 1-11	Retrac Road Bridge	Replacement	530.9	1351.2	190.2	2072.3	16 & 17	2072.3												
B 1-14	Soda Springs @ Donner Pass Bridge	Replacement	345.0	1463.0	175.0	1983.0	2018	385.0	47.9			47.9								
B 2-14	Soda Springs @ S. Yuba	Replacement	385.0	1000.0	110.0	1495.0	2018	325.0	60.0			10.0				50.0				
B 3-14	Purdon @ Shady Creek	Replacement	412.0	1675.0	221.0	2308.0	2019	412.0												
B 4-14	McCourtney @ Rock Creek	Replacement	410.0	1200.0	164.0	1774.0	2017	410.0	1364.0			20.0				1344.0				
B 5-14	Garden Bar @ Little Wolf Creek	Replacement	330.0	900.0	120.0	1350.0	2017	330.0	1020.0			20.0				1000.0				
B 6-14	Garden Bar @ Little Wolf Creek II	Replacement	410.0	1200.0	164.0	1774.0	2017	410.0	1364.0			20.0				1344.0				
B 7-14	N. Bloomfield @ S. Yuba	TBD	220.0			220.0	TBD	220.0												
B 1-15	Penn Valley Bridge Widening	Rehabilitation	380.0	1079.3	129.5	1588.8	TBD	110.0	156.1			41.1				115.0				
B 2-15	McCourtney @ Lime Kiln Bridge	Rehabilitation	385	1000	110	1495.0	TBD	115.0	135.0			20.0				115.0				
<b>Safety Projects:</b>																				
SA 1-15	HSIP Cycle 7 Projects	TBD	95	375	50	520.0	2017	120.0	400.0			50.0				350.0				
<b>Maintenance Projects:</b>																				
MA 1-12	Donner Pass Road Rehabilitation	Reconstruct Roadway	618.7			618.7	TBD	460.9	157.8			157.8								
<b>Development Fee Projects:</b>																				
DF 1-02	Combie Corridor Improvements	Phased Widening	514.5	1273.5	142.7	1930.7	TBD	1930.7												

<b>Summary</b>																				
Projected Available Revenue																				
Project encumbrances																				
Available Funds																				

**Nevada County Department of Public Works  
Maintenance Plan - Funding Commitments  
Fiscal Year 2018/2019**

	<i>Discretionary Funds</i>							<i>Restricted Funds</i>					
Balance Forward	9070.8	2000.0		1500.0				1655.6		1432.0	2483.2		
Projected 18/19 Revenue	14688.5	2588.4	1751.0	1840.1	386.7	254.0		485.5	26.2	6737.2	525.0	65.0	29.4
Available Revenue	23759.3	4588.4	1751.0	3340.1	386.7	254.0		2141.1	26.2	6737.2	1957.0	2548.2	29.4
Admin/Eng/Maint Support Expenditures	1842.0	1776.7						33.9				2.0	29.4
Projected Available Revenue	21917.3	2811.8	1751.0	3340.1	386.7	254.0		2107.2	26.2	6737.2	1957.0	2546.2	

No.	Maintenance Activity	Program Strategies	(x1000)														
			Miles/Yr	Cycle in Years	Annual \$	Total Annual \$	Road Fund	Meas. F	New HUTA	State Exchange	Fed Forest/ RF Support	CSA/ PRD	Trust Fund	Federal Grants	RSTP	Dev. Fees	Other
<b>Roadway Preservation:</b>						<b>775.5</b>											
RP-1	Overlays - Preparation	Road Preparation for Overlay Contract	10	45 yrs													
RP-2	Chipseals - Preparation	Prepare Roadway/Shoulders, Operations	20	14 yrs	775.5		167.0		122.4		25.4		26.2		434.5		
<b>Drainage &amp; Shoulder Maintenance:</b>						<b>700.8</b>											
DSM-1	Routine shoulder maintenance	Ditch Cleaning	25 crew days per year		127.9		8.1	119.8									
DSM-2	Routine shoulder maintenance	Shoulder Maintenance	35	12 yrs	572.8		117.8	121.5	156.3						177.2		
<b>Vegetation Control:</b>						<b>351.7</b>											
VC-1	Vegetation removal and control	Fire Suppression/Brushing/Tree Removal	65	9 yrs	199.9		12.6	142.4	36.1		8.8						
VC-2	Vegetation removal and control	Shoulder Mowing	20	20 yrs	94.7		6.0	88.7									
VC-3	Vegetation removal and control	Roadside Spraying	353 mi 2x		57.1		3.6	53.5									
<b>General Maintenance:</b>						<b>3511.8</b>											
SR-1	Snow Removal and Ice Control	Snow Removal - Eastern Co. (contract)		annual	335.1		102.7	232.4									
SR-2	Snow Removal and Ice Control	Snow Removal - Western Co.		annual	378.0		19.3	94.7	144.1		119.9						
SR-3	Snow Removal and Ice Control	Ice Control - Western Co.		annual	205.7		10.5	105.4	89.8								
SD-1	Storm Damage	Storm Damage Response and Repairs		annual	111.2		5.7	5.5			100.0						
BCM-1	Bridge and Culvert Maintenance	Minor Repair, Replace, Maintain		annual	111.2		105.7	5.5									
RM-1	Routine Maintenance	Pavement Repairs	413	annual	389.1		19.8	19.3	350.0								
RM-2	Routine Maintenance	Dirt and Gravel Road Maintenance	148	annual	344.6		17.6	17.1	310.0								
RM-3	Routine Maintenance	Signing and Striping	561	annual	277.9		14.2	13.8	250.0								
RM-4	Routine Maintenance	Miscellaneous	580	annual	886.5		119.2	385.9	381.4								
RM-5	Routine Maintenance	CSA/PRD Maintenance		annual	472.7		22.7					450.0					
<b>Equipment Replacement Program:</b>																	
ERP-1	Equipment Replacement																
<b>Maintenance Special Projects:</b>						<b>920.0</b>											
MSP-1	Striping Contract 2017 and 2018	Annual Striping Contract			290.0		59.4	230.6									
MSP-2	Overlay Contract 2017	Annual Overlay Contract															
MSP-4	Chip Seal 2017	Annual Chip Seal			630.0			115.1							514.9		

<b>Summary</b>															
Projected Available Revenue					21917.3	2811.8	1751.0	3340.1	386.7	254.0	2107.2	26.2	6737.2	1957.0	2546.2
Maintenance Expenditures 18/19					6259.7	811.8	1751.0	1840.1		254.0	450.0	26.2		1126.7	
Revenue available for CIP Capital Impr.					15657.6	2000.0		1500.0	386.7		1657.2		6737.2	830.4	2546.2



**Nevada County Department of Public Works  
Capital Improvement Plan Annual Update  
Fiscal Year 2018/2019**

FISCAL YEAR 2018/2019

	<i>Discretionary Funds</i>				<i>Restricted Funds</i>			
Bal. Available for Capital Improv.	15657.6	2000.0	1500.0	386.7	1657.2	6737.2	830.4	2546.2

No.	Project Location	Project Description	PROJECT BUDGETS				Const. YR	Prior FYs	FY 18/19	Road Fund	Meas. F	New HUTA	State Exchange	Fed Forest/ RF Support	CSA/ PRD	Trust Fund	Federal Grants	RSTP	Dev. Fees	Other
			PE	CONST	CE	TOTAL														
			(x1000)																	
<b>Bridge Projects:</b>																				
B 1-14	Soda Springs @ Donner Pass Bridge	Replacement	345.0	1463.0	175.0	1983.0	2018	432.9	1550.1				100.0						1450.1	
B 2-14	Soda Springs @ S. Yuba	Replacement	385.0	1000.0	110.0	1495.0	2018	385.0	1110.0				10.0						1100.0	
B 3-14	Purdon @ Shady Creek	Replacement	412.0	1675.0	221.0	2308.0	2019	412.0	1896.0				20.0						1876.0	
B 7-14	N. Bloomfield @ S. Yuba	TBD	220.0			220.0	TBD	220.0												
B 1-15	Penn Valley Bridge Widening	Rehabilitation	380.0	1079.3	129.5	1588.8	TBD	266.1	1322.7				246.7						1076.0	
B 2-15	McCourtney @ Lime Kiln Bridge	Rehabilitation	385.0	1000.0	110.0	1495.0	TBD	250.0	1245.0				10.0						1235.0	
<b>Maintenance Projects:</b>																				
MA 1-12	Donner Pass Road Rehabilitation	Reconstruct Roadway	618.7			618.7	TBD	618.7												
<b>Development Fee Projects:</b>																				
DF 1-02	Combie Corridor Improvements	Phased Widening	514.5	1273.5	142.7	1930.7	TBD	1930.7												

<b>Summary</b>								
Projected Available Revenue	15657.6	2000.0	1500.0	386.7	1657.2	6737.2	830.4	2546.2
Project encumbrances	7123.9			386.7		6737.2		
Available Funds	8533.8	2000.0	1500.0		1657.2		830.4	2546.2