

BEFORE THE BOARD OF STEVENS COUNTY COMMISSIONERS

IN THE MATTER OF ADOPTING THE
PROPOSED SIX-YEAR TRANSPORTATION
IMPROVEMENT PROGRAM (2016-2021)

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RESOLUTION NO. 48-2015

ADOPTING THE SIX-YEAR
TRANSPORTATION
IMPROVEMENT PROGRAM

WHEREAS, after due notice, a public hearing on the proposed Six-Year Transportation Improvement Program (2016-2021) was held on June 30, 2015, in accordance with RCW 36.81.121; and

WHEREAS, the priority array and bridge report as prepared by the County Engineer has been considered in the preparation of the these programs; and

WHEREAS, the Board of County Commissioners has considered matters presented at said public hearing.

NOW THEREFORE, IT IS HEREBY RESOLVED by the Board of County Commissioners that the Stevens County Six-Year Transportation Improvement Program (2016-2021) hereto **attached**, along with supporting documents, be adopted as presented.

Passed by the Board of Stevens County Commissioners meeting in regular session at Colville, Washington, by the following vote, then signed by its membership and attested to by its Clerk in authorization of such passage the 30th day of June, 2015.

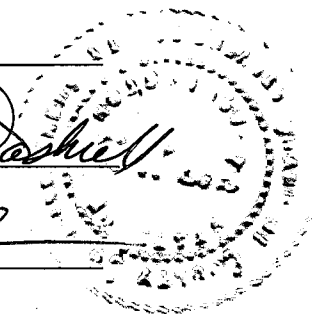
3 YEA; 0 NAY; 0 ABSTAIN; and 0 ABSENT

BOARD OF COUNTY COMMISSIONERS
OF STEVENS COUNTY, WASHINGTON

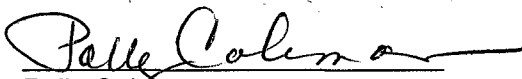

Chairman Steve Parker


Commissioner Don Dashiell


Commissioner Wes McCart



ATTEST:


Polly Coleman
Clerk of the Board

STEVENS COUNTY

2016 ROAD FUND REVENUE/EXPENDITURE ANALYSIS

FUND No. 110.000.010

REVENUE

Bars No.	Revenue Source Description	2016 Estimate	2017 Estimate	2018 Estimate	2019 Estimate	2020 Estimate	2021 Estimate
308.00.00.0000	Beginning Cash	\$4,500,000	\$4,100,000	\$3,350,000	\$3,000,000	\$3,000,000	\$1,915,923
311.10.00.0000	Real Property Tax	\$5,258,598	\$5,363,770	\$5,471,045	\$5,580,466	\$5,692,076	\$5,805,917
312.20.00.0000	County Timber Tax	\$325,000	\$338,000	\$351,520	\$365,581	\$380,204	\$395,412
317.20.00.0000	Leasehold Tax	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
322.41.00.0000	Approach Permits	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
322.42.00.0000	Utility Permits	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
333.10.60.0010	Federal Forest Yield	\$200,000	\$0	\$0	\$0	\$0	\$0
Federal Funded Construction (FHWA/WSDOT)							
333.03.70.8070	Countywide Guardrail	\$250,000					
333.03.70.8080	Addy-Cedonia (2R)	\$50,000	\$150,000	\$2,550,000			
State Funded Construction (RAP)							
334.03.70.7809	Addy-Gifford (2R) MP 0-8.03		\$750,000				
334.03.70.7806	Aladdin (3)	\$1,900,000					
State Funding/Misc							
334.03.72.0000	CAPP	\$700,000	\$707,000	\$714,070	\$721,211	\$728,423	\$735,707
336.00.89.0000	Motor Vehicle Fuel Tax	\$3,600,000	\$3,636,000	\$3,672,360	\$3,709,084	\$3,746,174	\$3,783,636
338.42.00.0000	Other Govt Maint./etc	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
341.00.00.0000	Charges/Services	\$18,500	\$18,500	\$18,500	\$18,500	\$18,500	\$18,500
361.11.00.0000	Interest	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
TOTAL REVENUE		\$16,864,598	\$15,125,770	\$16,189,995	\$13,457,341	\$13,627,877	\$12,717,596

EXPENDITURES

Bars No.	Expenditure Description	2016 Estimate	2017 Estimate	2018 Estimate	2019 Estimate	2020 Estimate	2021 Estimate
508.00.00.0000	Ending Cash	\$4,100,000	\$3,350,000	\$3,000,000	\$3,000,000	\$1,915,923	\$2,150,000
519.00.00.0000	Reimbursables	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
542.00.00.0000	Roadway Preservation	\$2,467,250	\$2,587,500	\$2,396,225	\$2,421,750	\$3,803,075	\$2,272,000
542.00.00.0000	Roadway Maintenance	\$5,764,800	\$5,889,800	\$5,908,920	\$6,056,643	\$6,208,059	\$6,363,261
543.00.00.0000	Administration	\$858,330	\$875,497	\$893,007	\$910,867	\$929,084	\$947,666
544.00.00.0000	Miscellaneous Engineering & Data Coll	\$353,250	\$362,081	\$371,133	\$380,412	\$389,922	\$399,670
594.43.64.0000	Capital Outlay	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
594.43.65.0000	Miscellaneous Capital Construction and Emergency Operations	\$665,968	\$305,892	\$535,710	\$602,670	\$296,814	\$500,000
Grant Funded Construction Projects (CRPs)							
595.00.65.7809	Addy-Gifford (2R) MP 0-8.03		\$1,500,000				
595.00.65.8070	Countywide Guardrail	\$300,000					
595.00.65.7806	Aladdin (3)	\$2,160,000					
595.00.65.8080	Addy-Cedonia (2R)	\$60,000	\$170,000	\$3,000,000			
Local Funded Construction Projects (CRPs)							
595.00.65.8010	Ricky Canyon/Chamberlain Intersection	\$50,000					
TOTAL EXPENDITURES		\$16,864,598	\$15,125,770	\$16,189,995	\$13,457,341	\$13,627,877	\$12,717,596

Revised: June 15, 2015

Revised by: JJW

2015-2020 TIP

2016	2017	2018	2019	2020	2021
Addy-Gifford 2R (0 to 8.04) (PE)	Addy-Gifford 2R (0 to 8.04) (CN)	Addy-Cedonia (2R) (CN)			
Aladdin (3) MP 19.6 to 22.5 (CN)	Addy-Cedonia (2R) (PE)				

ANTICIPATED 2016 ER&R MAJOR EQUIPMENT PURCHASES

- Two (2) Motor Graders
- Four (4) FWD Pickup Trucks
- Miscellaneous specialty equipment

**BRIDGE STATUS REPORT
STEVENS COUNTY BRIDGES 2015**

107 FORD BRIDGE Rating 99.96	Reinforced concrete structure, with concrete poured-in-place piling. Superstructure, prestressed concrete bulb "T" girders. Asphalt wearing surface. New bridge in 2001
108 LYONS HILL Rating 77.76	Steel substructure with steel piling, steel girders and corrugated metal decking. Asphalt wearing surface. Bridge is in good condition.
109 ALLEN-CHAM CRK Rating 78.83	Steel substructure with steel piling, reinforced concrete deck slab. Bridge is in good condition.
111 KNOX Rating 83.96	Reinforced concrete substructure on piling, prestressed concrete girders. Concrete deck with asphalt wearing surface. Bridge is in good condition.
113 LANHAM Rating 67.94	Reinforced concrete substructure on piling. Prestressed concrete girders. Concrete deck, asphalt wearing surface. Bridge is in good condition.
114 FINCH Rating 70.50	Reinforced concrete substructure on piling. Prestressed concrete girders. Concrete deck, asphalt wearing surface. Bridge is in good condition.
129 COLVILLE-ARIS Rating 94.64	Bridge rehabbed 2008. Prestressed concrete bulb "T" girders with attached deck. Bridge constructed on original footings. Bridge is new.
130 MEYERS FALLS Rating 84.87	Reinforced concrete substructure, concrete footings. Prestressed concrete girders, cast-in-place concrete deck. Bridge is in good condition.
131 HALL Rating 81.08	Reinforced concrete substructure, on piling. Prestressed concrete bulb "T" beams, concrete deck. Asphalt wearing surface. Bridge is in good condition.
131A SLOUGH Rating 60.41	Reinforced concrete substructure, concrete footings on piling. Concrete deck, asphalt wearing surface. Bridge has scour problem, otherwise in fair condition.
132 PALMERS Rating 75.00	Reinforced concrete substructure, concrete footings on piling. Steel welded girders, with corrugated metal decking. Asphalt wearing surface. New guardrail installed in 2002. Decking Replaced August 2013. Girders repainted.
133 JOHNSON-OAKSOT Rating 78.09	Reinforced concrete pile cap, cast-in-place concrete piling. Prestressed concrete bulb "T" beams. Concrete deck, asphalt wearing surface. Bridge is in good condition.

134 HAM Rating 71.17	Reinforced concrete substructure, on piling. Welded steel girders, with corrugated metal decking. Asphalt wearing surface. Bridge is in good condition. New guardrail installed 2002.
135 ORIN Rating 80.05	Reinforced concrete substructure, on piling. Welded steel girders, with corrugated metal decking. Asphalt wearing surface. New guardrail installed 2002. Bridge is in good condition.
136 ARDEN HILL Rating 92.02	Steel substructure, steel piling. Steel welded girders with corrugated metal decking. Asphalt wearing surface. New guardrail installed in 2002. Bridge is in good condition.
138 TWELVE MILE Rating 90.04	Reinforced concrete substructure, concrete footings. Steel welded girders with corrugated metal decking. Asphalt wearing surface. New guardrail installed in 2002. Decking replaced Aug. 2011. Girders repainted.
140 ADDY Rating 72.96	Reinforced concrete substructure, concrete piling. Concrete deck slab. Asphalt wearing surface. Bridge is in good condition.
141 BLUE CREEK Rating 79.51	Reinforced concrete substructure, concrete piling. Concrete deck slab. Asphalt wearing surface. Bridge is in good condition. NEW BRIDGERAIL INSTALLED 2012.
142 GRAHAM Rating 84.96	Steel substructure, steel piling. Steel welded girders with metal corrugated decking. Rust and peeling paint at deck seams. Asphalt wearing surface. Bridge condition OK.
143 NEVINS Rating 72.12	Reinforced concrete substructure, concrete footings. Steel welded girders with corrugated metal decking. Asphalt wearing surface. Bridge is in good condition.
144 BURR Rating 81.82	Reinforced concrete substructure, on piling. Prestressed concrete T beams, concrete deck. Asphalt wearing surface. Bridge condition OK.
145 ALM Rating 74.86	Steel substructure with steel piling. Steel welded girders with corrugated metal decking. Asphalt wearing surface. Bridge condition OK.
146 KULZER Rating 86.44	Reinforced concrete substructure, concrete piling. Concrete deck slab. Asphalt wearing surface. Bridge is in good condition.
148 NEWTON Rating 80.85	Reinforced concrete substructure, concrete piling. Concrete deck. Asphalt wearing surface. Bridge is in good condition.
149 VALLEY STATION Rating 75.22	Reinforced concrete substructure on piling. Steel H beams with corrugated metal decking. Asphalt wearing surface. Bridge is in good condition.

167 LOWER ROCKY CREEK Rating 81.96	Timber substructure. Timber beams with timber deck. Bridge showing some rot.
168 LITTLE DEEP CREEK Rating 68.82	Reinforced concrete substructure. Concrete footings. Steel H beams with corrugated metal decking. Asphalt wearing surface. Decking Replaced 2012. Girders repainted.
210 SKIDMORE Rating 88.89	Reinforced concrete substructure, concrete footings. Steel H beams with corrugated metal decking. Asphalt wearing surface. Bridge is in good condition.
212 KILDOW-HANDE CRK Rating 80.97	Timber substructure, timber piling. Timber beams with timber deck. Bridge has rot in back wall.
221 LAURIER Rating 92.05	Reinforced concrete substructure. Drilled shafts at the center pier. Pile supported footing on north end. Spread footing on south end. Prestressed concrete beams. Cast- in-place concrete deck. Bridge is in good condition.
222 ROCKCUT Rating 94.94	Reinforced concrete substructure, spread footings. Post- tensioned concrete girders. Concrete deck. Asphalt wearing surface. Bridge is in good condition.
223 ORIENT Rating 99.70	Reinforced concrete substructure, spread footings. Prestressed concrete girders. Cast-in-place deck. Bridge is in good condition.
224 BARSTOW Rating 93.81	Post tensioned concrete girders. West footing pile supported, east footing on bedrock. Bridge is in good Condition.
225 NAPOLEON Rating 86.17	Three span bridge. Drilled shafts at interior piers. Piling supported abutments. Prestressed concrete girders with a cast-in-place deck. Bridge is in good condition.
226 HEDLUND Rating 97.94	Two span concrete bridge. Footings on bedrock. Post tensioned girders, with cast in place deck. Bridge is in new condition.
229 MILL CREEK Rating 91.40	Piling supported abutments. Prestressed concrete girders, concrete deck. Asphalt wearing surface. Bridge is in good condition.
230 GARVEY Rating 56.47	Reinforced concrete substructure. Concrete footings. Steel welded girders. Corrugated metal decking. Asphalt wearing surface. Bridge condition is OK.
231 BUCKLEY Rating 81.60	Reinforced concrete substructure. Concrete footings. Laminated timber T beams. Timber deck. Asphalt wearing surface. Bridge is in good condition.
232 COUTTS Rating 89.98	Reinforced concrete substructure. Concrete footings. Prestressed concrete T beams, concrete deck. Asphalt wearing surface. Bridge is in good condition.

233 WEST DOMINION Rating 85.68	Reinforced concrete substructure, concrete footings. Prestressed concrete girders, concrete deck. Asphalt wearing surface. Bridge is in good condition.
234 LOWER S. FORK. MILL CRK. Rating 96.96	Timber substructure, timber sill footings. Timber beams and deck. Bridge is in good condition.
241 MORROW STRUCT. Rating 71.23	Timber substructure, timber sill footings. Timber beams and deck. Bridge has rot in back wall.
243 UPPER S. FORK MILL CRK. Rating 74.84	Timber substructure, timber sill footings. Timber beams and deck. Bridge is in good condition.
244 MORROW 360 Rating 75.70	Timber substructure, timber sill footings. Timber beams and deck. Bridge is in good condition.
253 ARDEN BRIDGE Rating 72.60	Reinforced concrete substructure, concrete footing. Steel welded girders with corrugated metal decking. Asphalt wearing surface. Bridge condition OK.
254 NEW ARDEN BRIDGE Rating 99.00	Pile supported abutments. Concrete superstructure. Cast-in-place deck. Bridge is in good condition.
255 LEEPER Rating 73.62	Reinforced concrete substructure, concrete footings. Steel H beams. Timber deck. Bridge is in good condition.
256 HAPPY VALLEY Rating 72.41	Reinforced concrete substructure, concrete footings. Prestressed concrete T beams, concrete deck. Asphalt wearing surface. Bridge is in good condition.
257 STRUPLE Rating 74.43	Reinforced concrete substructure, concrete footings. Steel welded girders. Corrugated metal decking. Asphalt wearing surface. Bridge is in good condition.
259 LAKESIDE Rating 67.10	Timber substructure, timber sill footing. Timber beams, timber deck. Asphalt wearing surface. New guardrail installed 2002. Bridge has rot and splits in vertical support posts.
263 CARLIN Rating 70.95	Timber substructure, timber sill footing. Timber beams, timber deck. Asphalt wearing surface. Bridge has some rot.
264 UPPER ROCKY CREEK Rating 98.98	Bridge replaced in 2007. Prestressed concrete beams and concrete deck. Bridge is in good condition.
271 LARSON BEACH R/R Rating 76.76	This bridge is owned by the Railroad company. County maintains surface. Timber substructure, timber piling. Timber beams. Corrugated metal decking. Asphalt wearing surface.

274 FAY
Rating 51.38

Reinforced concrete substructure, concrete footings. Steel H beams with corrugated metal decking. Asphalt wearing surface. New guardrail installed 2002.

282 HUCKLEBERRY
Rating 89.48

Reinforced concrete substructure, concrete footings. Precast concrete deck slabs. Asphalt wearing surface. Bridge is in good condition.

288 COTTONWOOD
Rating 82.00

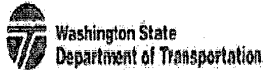
Timber substructure, timber sill footings. Timber beams, timber deck. Bridge is in fair condition. Some rot starting to show.

290 DEEP CREEK
Rating 88.92

Multi span bridge. Timber substructure, concrete footings. Timber beams with timber deck. Asphalt wearing surface. Bridge has been rehabbed. Bridge is in good condition.

TOTAL 52 BRIDGES AND 5 STRUCTURES

updated: 1/19/2015



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Stevens Co.

County: Stevens

MPO/RTPO: NEW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	1	Aladdin (3) RC: 94350 19.60 to 22.50 Project involves rehabilitating existing 2 lane roadway, widening existing roadway, adding gabion baskets, adding guardrail and placing HMA.	WA-03643	07/29/14	07/29/14		39-2014	04	PT	2,900	CE	No

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0	CRAB	120,000	12,000	132,000
S	CN	2016		0	CRAB	1,780,000	240,000	2,020,000
Totals				0		1,900,000	252,000	2,152,000

Phase	1st	2nd	3rd	4th	5th & 6th
PE	132,000	0	0	0	0
CN	2,028,000	0	0	0	0
Totals	2,160,000	0	0	0	0



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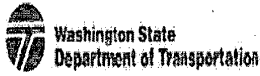
N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	2	2015 Countywide Safety Improvement Project Various Various to Various The scope of project involves installing new guardrail on six roads in various locations and upgrading substandard guardrail on one road as determined necessary via the County's 2014 Local Roads Safety Plan.	WA-07557	07/29/14	07/29/14	01/13/15	4-2015	21	PT		CE	No

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016	HSIP	20,000		0	0	20,000
S	CN	2016	HSIP	230,000		0	50,000	280,000
Totals				250,000		0	50,000	300,000

Phase	1st	2nd	3rd	4th	5th & 6th
PE	20,000	0	0	0	0
CN	280,000	0	0	0	0
Totals	300,000	0	0	0	0



Six Year Transportation Improvement Program From 2016 to 2021

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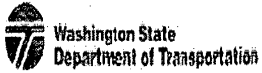
N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type Utility Codes	Total Length	Environmental Type	RW Required
09	3	Ricky Canyon/Chamberlain Intersection 31410 2.23 to 2.13 Project involves re-aligning Chamberlain Road so it "T's" with Ricky Canyon Road to create a safer intersection.	WA-08002					07 T	0.100	CE	No

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0		0	5,000	5,000
S	CN	2016		0		0	45,000	45,000
Totals				0		0	50,000	50,000

Phase	1st	2nd	3rd	4th	5th & 6th
PE	5,000	0	0	0	0
CN	45,000	0	0	0	0
Totals	50,000	0	0	0	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Stevens Co.

County: Stevens

MPO/RTPO: NEW RTPO

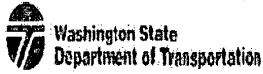
N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type Utility Codes	Total Length	Environmental Type	RW Required
07	4	Addy-Gifford Road 2R 93000 0.00 to 8.03 Project will involve resurfacing approximately 8 miles of roadway with BST	WA-07028	07/29/14	07/29/14		39-2014	05	8.030	CE	No

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2016		0	CRAB	50,000	0	50,000
P	CN	2017		0	CRAB	700,000	750,000	1,450,000
Totals				0		750,000	750,000	1,500,000

Phase	1st	2nd	3rd	4th	5th & 6th
PE	50,000	0	0	0	0
CN	0	1,450,000	0	0	0
Totals	50,000	1,450,000	0	0	0



Six Year Transportation Improvement Program From 2016 to 2021

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MPO/RTPO: NEW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type Utility Codes	Total Length	Environmental Type	RW Required
07	5	Cedonia-Addy Road Rehabilitation. 92250 3.10 to 9.21 Project scope of work involves widening the road surface two feet on each side and chip sealing entire corridor.	WA-07881					04 P.T.W	6.110	CE	No

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2016	STP(R)	199,000		0	31,000	230,000
P	CN	2018	STP(R)	2,595,000		0	405,000	3,000,000
Totals				2,794,000		0	436,000	3,230,000

Phase	1st	2nd	3rd	4th	5th & 6th
PE	60,000	170,000	0	0	0
CN	0	0	3,000,000	0	0
Totals	60,000	170,000	3,000,000	0	0

	Federal Funds	State Funds	Local Funds	Total Funds
Grand Totals for Stevens Co.	3,044,000	2,650,000	1,538,000	7,232,000