

**SPOKANE COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION**



**2016-2021 TRANSPORTATION IMPROVEMENT PROGRAM  
2016 ANNUAL CONSTRUCTION PROGRAM**

**SPOKANE COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
2016-2021 SIX YEAR TRANSPORTATION IMPROVEMENT PROGRAM  
2016 ROAD ANNUAL CONSTRUCTION PROGRAM  
Washington State County Number 32**

Presented to the Board are two programs - a short-range and a long-range road construction program for Spokane County. The short-range program is the Annual Construction Program for 2016. This program consists of projects with funding from both grants and the County Road Fund.

The long-range, or Six-Year Transportation Improvement Program for the years 2016 through 2021, includes about 120 million dollars of proposed construction. The program is intended to guide the planning and implementation of road construction work. The projects indicated for the late years of the program are more general and subject to revision as conditions and funding change.

Over the program period, construction funds are anticipated to decrease in spite of an anticipated growth in property values. This is due to steadily increasing maintenance costs, both labor and materials, and because future gas tax revenue is not anticipated to satisfactorily fulfill construction demands. On July 6, 2012 a new transportation act passed Congress known as Moving Ahead for Progress in the 21<sup>st</sup> Century, or MAP-21 and provides Federal Surface Transportation funds for urban arterial and rural arterial projects. The Federal Aid Bridge Replacement Program, Transportation Alternatives Program, the Congestion Mitigation and Air Quality Program and the Highway Safety Improvement Program are also funded under MAP-21. These funds replace deficient bridges, provide signal and gate protection for railroad grade crossings, and provide congestion mitigation and alternative transportation.

In addition to the funding sources mentioned above, the following sources of funding are included in this document. The Urban Arterial Program (UCP/UAP) is a program for the major improvement of arterials in urban areas and is administered by the Transportation Improvement Board. The Rural Arterial Program (RAP) is the continuing program for the improvement of rural county arterials and is administered through the County Road Administration Board. Much like the urban program, rural arterial funded projects will be selected on a regional competitive priority basis. Spokane County receives a yearly allocation of funding through a continuing program for pavement restoration on county arterials through the County Arterial Preservation Program (CAPP).

The Six-Year Transportation Improvement Program includes projects throughout the County. In both the urban and rural areas, major emphasis is placed on cost efficient traveled-way improvements for the existing roads. Annually recurring projects, such as pathway projects, small bridge projects, preservation projects, traffic control sign and signal projects, traffic safety studies and minor construction projects are also included in the Six-Year Transportation Improvement Program.

The Program includes an indication of environmental determination for each project.

The initial environmental assessment was made on the effect of the project to the local area and to the general public, taking into account such considerations as right of way acquisition, effect of clearing and grading, changes in natural drainage and possible disruptions to neighborhoods. Proposed projects have been indicated as having a "Not significant" environmental effect (designated by "I") or of requiring additional study (marked "S"). These projects for which additional study is indicated will be reviewed with particular attention to the sensitive areas at the time of preliminary design. At that time, a further declaration may be made before proceeding with the project.

The Annual Road Construction Program is a listing of those projects proposed for construction during 2016. The Annual Road Construction Program shows a total 2016 expenditure of \$19,350,000 for construction, \$ 7,503,000 in County funds, \$4,046,000 of Federal Aid Funds, \$ 2,433,000 in TIB's Urban Arterial Program funds, \$1,608,000 in RAP funds, \$ 1,020,000 in RID Bonds, \$ 2,000,000 in FMSIB funding and \$ 740,000 in private fund participation and property owner approved assessments. During 2016 for each County dollar spent, a total of \$ **2.58** of construction will be accomplished. \$1,197,787 in CAPP funds are programmed in road maintenance for 2016 and are not included in the Annual Road Construction Program total 2016 expenditure of \$ 19,350,000.

The major urban project in the 2016 Annual Program is the construction of the Market Street Reconstruction Project. In addition there are the following pathway and sidewalk projects: Wellesley Avenue Sidewalk Project at Otis Orchard School. The major rural projects in the 2016 Annual Program are the design and construction of the Seven Mile Road Bridge and the Ritchey Road Bridge, the design and right-of-way work on Bigelow Gulch Road/Forker Connector – Project 4 from the Old Argonne Road to Forker Road and the construction of the Bigelow Gulch/Foker Road Interchange.

Similar to the Six-Year Program, each project of the Annual Program has indicated an environmental assessment. Those projects, with the initial environmental assessment indicated as having slight environmental effects, have been identified as "Not significant" (designated by "I"). Those projects that have indications involving environmental concerns have been recommended for further study and are designated as "S". After more detailed information is available on the project, a further recommendation will be made to the Board regarding the environmental significance of each project.

The Six-Year Program breaks down each funding source as either secured or unsecured funding. The project sources that have funding secured by either County Road Funds or secured grants are check in the secured funding box. Project funding sources that have not yet been secured do not have the funding box checked.



**Spokane County  
Department of Public Works  
Engineering Division  
2016 - 2021 Six Year Transportation Improvement Program  
2016 - 2021 County Road Fund Budget Forecasts**

## Six Year Transportation Improvement Program

### Revenue

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Designated Funds	\$ 8,560,849	\$ 7,165,862	\$ 5,038,852	\$ 3,200,152	\$ 3,070,075	\$ 4,869,971
Property Tax	\$ 19,378,898	\$ 19,572,687	\$ 19,768,414	\$ 19,966,098	\$ 20,165,759	\$ 20,367,417
Fuel Tax	\$ 9,136,859	\$ 9,045,490	\$ 8,955,035	\$ 8,865,485	\$ 8,776,830	\$ 8,689,062
Misc. Tax Revenue	\$ 44,945	\$ 45,394	\$ 45,848	\$ 46,307	\$ 46,770	\$ 47,238
Misc. State Revenue	\$ 5,454	\$ 5,509	\$ 5,564	\$ 5,619	\$ 5,675	\$ 5,732
Permits	\$ 161,600	\$ 163,216	\$ 164,848	\$ 166,497	\$ 168,162	\$ 169,843
Fees and Charges	\$ 309,060	\$ 312,151	\$ 315,272	\$ 318,425	\$ 321,609	\$ 324,825
Local Revenue	\$ 505,000	\$ 510,050	\$ 515,151	\$ 520,302	\$ 525,505	\$ 530,760
Grant Revenue (Federal/State/CRAB/Other)	\$ 10,827,000	\$ 8,516,000	\$ 12,268,000	\$ 26,027,000	\$ 14,274,000	\$ 8,817,000
CAPP Funds	\$ 1,197,787	\$ 1,185,809	\$ 1,173,951	\$ 1,162,212	\$ 1,150,590	\$ 1,139,084
If Transfers (other County Funds) and Misc.	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000
<b>TOTAL:</b>	<b>\$ 51,427,452</b>	<b>\$ 47,822,168</b>	<b>\$ 49,550,935</b>	<b>\$ 61,578,097</b>	<b>\$ 49,804,975</b>	<b>\$ 46,260,932</b>

### Expenditures

Fund Carryover	\$ 7,165,862	\$ 5,038,850	\$ 3,200,152	\$ 3,070,075	\$ 4,869,971	\$ 3,205,175
Administration (Inc. Cost Allow, Ins., Indirect Labor, etc.)	\$ 6,609,278	\$ 6,807,557	\$ 7,011,783	\$ 7,222,137	\$ 7,438,801	\$ 7,661,965
Flood Plain	\$ 129,732	\$ 133,624	\$ 137,632	\$ 141,761	\$ 146,014	\$ 150,394
Target Zero	\$ 76,697	\$ 78,998	\$ 81,368	\$ 83,809	\$ 86,323	\$ 88,913
Communte Trip Reduction	\$ 384,883	\$ 396,430	\$ 408,323	\$ 420,572	\$ 433,190	\$ 446,185
Railroad	\$ 10,300	\$ 10,609	\$ 10,927	\$ 11,255	\$ 11,593	\$ 11,941
Debt Service	\$ 814,000	\$ 796,000	\$ 803,000	\$ 915,625	\$ 850,333	\$ 850,333
Construction	\$ 17,736,700	\$ 15,935,100	\$ 20,146,500	\$ 29,834,100	\$ 13,961,200	\$ 10,708,400
Maintenance	\$ 12,500,000	\$ 12,625,000	\$ 12,751,250	\$ 12,878,763	\$ 13,007,550	\$ 13,137,626
Preservation	\$ 6,000,000	\$ 6,000,000	\$ 5,000,000	\$ 7,000,000	\$ 9,000,000	\$ 10,000,000
<b>TOTAL:</b>	<b>\$ 51,427,452</b>	<b>\$ 47,822,168</b>	<b>\$ 49,550,935</b>	<b>\$ 61,578,097</b>	<b>\$ 49,804,975</b>	<b>\$ 46,260,932</b>

## GLOSSARY AND ABBREVIATIONS

### Functional Classification:

Rural:	
7	Major Collector
8	Minor Collector
9	Access
Urban:	
14	Principal
16	Minor
17	Collector
19	Access

**Program Item Number:** A number assigned for tracking purposes

### Work Method:

C- Indicates work is to be done by contract  
 F- Indicates work to be done by County forces.  
 N- Indicates a non-capital project.

### Environmental:

S-Significant Impacts under SEPA anticipated  
 I-Insignificant Environmental Impact anticipated

### Work Types:

New construction	01
Relocation	02
Reconstruction	03
Major Widening	04
Minor Widening	05
Other Enhancements	06
New Bridge Const	08
Bridge Replacement	09
Bridge Rehabilitation	10
Minor Bridge Rehab	11
Safety/Traffic Oper/TSM	12

Environmentally Related	13
Bridge Program Special	14
Transit Capital Project	21
Transit Operational Project	22
Transit Planning	23
Transit training/Admin	24
Non-Capital Improve.	31
Non Motor Vehicle	32

### CO:

Box is checked if the project lies within the Carbon Monoxide non-attainment area

### Fund Status:

S- Project is subject to funding selection  
 P- Project is listed for planning purposes only

### Util Code:

Utilities that would be impacted by the project:  
 C Cable TV  
 G Gas  
 O Other  
 P Power  
 S Sewer  
 T Telephone  
 W Water

### Funding Sources:

**Federal assistance:** These funds are authorized under the Moving Ahead for Progress in the 21<sup>st</sup> Century, or MAP-21 and are administered by the Federal Highway Administration through the Washington State Department of Transportation and the Metropolitan Planning Organization (SRTC).  
BR- Bridge replacement projects  
CMAQ- Congestion Management and Air Quality  
Other Fed- Other federal funds.  
Other State – Other State funding

Other – Private Funding sources, loans or materials acquired from other sources. For the Appleway Avenue & Spokane Bridge Road Trailhead – Other Fed is Transportation Alternatives Program funding.

STP- Surface Transportation Program. Individual funds are designated by the letters in parenthesis that follow the initials “STP”:

- (U) Urban improvements
- (R) Rural improvements
- (C) Competitive funding
- (E) Enhancement improvement
- (S) Safety improvements

**State assistance:** APP, UAP, and SP are administered by the Transportation Improvement Board. RAP and CAPP are administered by the County Road Administration Board

APP- Arterial Preservation Program

UAP- Urban Arterial Program

SP - Urban Sidewalk Program

RAP- Rural Arterial Program

CAPP- County Arterial Preservation Program

FMSIB- Freight Mobility Strategic Investment Board Program

**Local funding:** RID Bonds are sold to finance the construction of local roads. This funding is administered by Spokane County. Private funds are paid by private companies or individuals for various reasons, usually for commercial reasons.

RID Bonds- Road Improvement District funding from private property owners.

Private- Funds from other private sources.

County- Funds collected by Spokane County primarily from the road tax and state gasoline tax.

## SUMMARY 2016 ANNUAL ROAD CONSTRUCTION PROGRAM

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The CONSTRUCTION PROGRAM is responsible for the improvement of the County Transportation System. ANNUAL and SIX YEAR CONSTRUCTION PROGRAMS are prepared and updated each year. Priority programming is used to select both Urban and Rural projects for improvement. Funds for the 2016 ANNUAL ROAD CONSTRUCTION PROGRAM come from the following sources:

Source	Amount (1000's)
County	\$7,503
Federal	\$6,046
State	\$4,041
Assessment	\$1,020
Other	\$740
Total Construction	\$19,350

Note: For each COUNTY dollar spent, a total **\$2.58** of CONSTRUCTION will be accomplished.

### 2016 Major Construction Project Summary

Project	From	To	Primary Source	Amount
1 Market Street Reconstruction - Houston to Linco	Houston Ave.	Lincoln Road	UAP	\$1,824,000
2 Hawthorne Road Preservation Project	Division Street	US 2	STP(U)	\$616,000
3 Market St Reconst. Project - Parksmith to Farwe	Parksmith Drive	Farwell Road	UAP	\$2,231,000
4 Various RID Projects			RID Bonds	\$1,200,000
5 Glenrose Rd & Carnahan Rd Safety Improveme	at Carnahan Road		Other Fed	\$451,000
6 Seven Mile Road Bridge #1602 Replacement Pr	Br 1602 Over Coulee Cre		BR	\$1,608,000
7 Ritchey Road Bridge #0503	At Deep Creek		BR	\$1,559,000
8 Bigelow Gulch / Forker Road Interchange			County	\$7,760,000
9 Bigelow Gulch/Forker Connector - Project 4	Old Argonne Road	Forker Road	County	\$1,005,000



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 2016 Annual Construction Program

Hearing Date: 5/26/2015 Adoption Date:  
 Env. Assess. Date Resolution No.

Dollars in thousands

Program Item	Func Class	Project Name Road Names Work Scope Status	From	To	Road #	Proj #	Envir Len(mi)	Work Type	C O kMet	Fund Sec	Fund Source	Fed Funds	State Funds	Other Funds	County Funds	P.E.	R.W.	Const	Total
3	14	<b>Market St Reconst. Project - Parksmith to Farwell</b> Market Street	Parksmith Drive	Farwell Road	03114	3177	1.01	03	<input checked="" type="checkbox"/>	S	TCGPWS								
															892	0	0	892	<b>892</b>
													1,339			0	0	1,339	<b>1,339</b>
																0	0	2,231	<b>2,231</b>
		<p>The project will reconstruct Market St. between Farwell Rd. and the railroad tracks north of Parksmith. Where there is sidewalk missing there will be new curb and sidewalk added except south of Grace Ave. on the east side of market where curb only is proposed. The road section will provide a 43' wide paved surface that will contain two 11' travel lanes and a two way left turn lane with 5' bike lanes on each side. A fiber optic cable will be installed in an existing conduit which will connect the Farwell &amp; Market signal with the Spokane Regional Transportation Management Center for monitoring and control of the signal. Stormwater treatment will be added where Spokane County standards require treatment.</p>																	
		Construction																	
4	14	<b>Harvard Road Reconstruction</b> Harvard Rd	Euclid Avenue	SR 290	01741	3078	1.60	03	<input type="checkbox"/>	S									
															3	0	3	0	<b>3</b>
												18				0	18	0	<b>18</b>
																0	21	0	<b>21</b>
		Reconstruct and widen roadway.																	
		Right-of-Way																	
5		<b>Liberty Lake TIF &amp; LIFT</b>				3130		01	<input checked="" type="checkbox"/>	S									
														10		10	0	0	<b>10</b>
																10	0	0	<b>10</b>
		<p>This CRP is established to administer Spokane County Engineering's responsibilities associated with terms of the Liberty Lake TIF &amp; LIFT(Spokane County River District Revenue Development Area at Liberty Lake).</p>																	
		Administration																	



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6	<b>Minor Urban Projects</b>						I	06	<input checked="" type="checkbox"/>	S									
		Minor improvements at various locations.								C	<input checked="" type="checkbox"/> County				100	10	10	80	<b>100</b>
		Prelim. Engineering, Right-of-Way, Construction														10	10	80	<b>100</b>
<b>Urban Construction Projects Total:</b>												<b>551</b>	<b>2,433</b>	<b>740</b>	<b>1,078</b>	<b>109</b>	<b>188</b>	<b>4,505</b>	<b>4,802</b>

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<b>Pathway Construction</b>																				
7		<b>ADA Ramp Retrofits</b>					I		03	<input type="checkbox"/>	S									
		Retrofit various curb ramps to meet current ADA standards.									C	<input checked="" type="checkbox"/> County				55	5	0	50	55
		Prelim. Engineering, Construction														5	0	50	55	
8		<b>Wellesley Avenue Sidewalk Project</b>				3154	I		01	<input type="checkbox"/>	S	TCGPW								
	14	Wellesley Avenue	Haravrd Road	Arden Road	05250		0.14				C	<input checked="" type="checkbox"/> County				5	0	0	5	5
		Construct Sidewalks from Harvard Road to Arden Road on Wellesley Ave. in front of Otis Orchards School, add curb, widen pavement and provide drainage swales.														0	0	5	5	
		Close project																		
9		<b>Arterial Sidewalks &amp; Pathways</b>					I		06	<input checked="" type="checkbox"/>	S									
		Construct sidewalks along various arterials									C	<input checked="" type="checkbox"/> County				40	5	0	35	40
		Prelim. Engineering, Construction														5	0	35	40	
<b>Pathway Construction Projects Total:</b>																<b>100</b>	<b>10</b>	<b>0</b>	<b>90</b>	<b>100</b>

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<b>Road Improvement Districts</b>																			
10	<b>Various RID Projects</b>	Various roads					I 0.00	03	<input checked="" type="checkbox"/>	S									
										C	<input checked="" type="checkbox"/> County				180	60	0	120	<b>180</b>
										C	<input checked="" type="checkbox"/> RID Bonds		1,020			340	0	680	<b>1,020</b>
		Reconstruct gravel roads.														400	0	800	<b>1,200</b>
		Prelim. Engineering, Construction																	
<b>Road Improvement Districts Projects Total:</b>													<b>1,020</b>	<b>180</b>	<b>400</b>	<b>0</b>	<b>800</b>	<b>1,200</b>	



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14	<b>Safety Improvement Projects</b>	Various roads					I	12	<input type="checkbox"/>	S										
		Minor traffic safety improvements at various locations.									C	<input checked="" type="checkbox"/> County				10	9	1	0	<b>10</b>
		Prelim. Engineering, Right-of-Way															9	1	0	<b>10</b>
<b>Traffic Safety Improvements Projects Total:</b>													<b>666</b>			<b>34</b>	<b>159</b>	<b>98</b>	<b>443</b>	<b>700</b>



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18	<b>Small Bridge Improvements</b>	Various roads.					I	11	<input type="checkbox"/>	S										
		Bridge improvements at various locations.									C	<input checked="" type="checkbox"/> County				25	5	0	20	<b>25</b>
		Prelim. Engineering, Construction															5	0	20	<b>25</b>
<b>Bridge Construction Projects Total:</b>													<b>2,732</b>			<b>709</b>	<b>234</b>	<b>20</b>	<b>3,187</b>	<b>3,441</b>

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<b>Rural Construction</b>																			
19		<b>Brooks Road - City Limits to MP 1.87</b>				<b>3194</b>	I	03	<input type="checkbox"/>	S	TCP								
	07	Brooks Road	Medical Lake City Limits	Thorpe Road	00328		1.87												
															39	39	0	0	<b>39</b>
											<input checked="" type="checkbox"/> County								
											<input checked="" type="checkbox"/> STP(R)	25				25	0	0	<b>25</b>
		This project will remove 4" of existing HMA, improvement base and subgrade where required, widen pavement width from 28' to 36' with 12' lanes and 6' shoulders.														64	0	0	<b>64</b>
		Prelim. Engineering																	
20		<b>Bigelow Gulch / Forker Road Interchange</b>				<b>2989A</b>	I	03	<input type="checkbox"/>	S	TCGP								
	06						0.00												
															4,422	0	0	4,422	<b>4,422</b>
											<input checked="" type="checkbox"/> County								
											<input checked="" type="checkbox"/> RAP		1,338			0	0	1,338	<b>1,338</b>
											<input checked="" type="checkbox"/> FMSIB	2,000				0	0	2,000	<b>2,000</b>
		This project will construct a portion of the Bigelow Gulch project at the existing Forker intersection. A structure will be constructed for Bigelow traffic to pass over Forker traffic to eliminate left turning traffic on Bigelow Gulch Road. Connections to existing Bigelow Gulch Road west near Evergreen Road and east of Forker will be made to provide a driveable link.														0	0	7,760	<b>7,760</b>
		Construction																	
21		<b>Bigelow Gulch/Forker Connector - Project 2</b>				<b>2620</b>	I	03	<input type="checkbox"/>	S	PT								
	06	Bigelow Gulch Road	Urban Boundary	East Weile Road	00263		1.32												
																0	4	0	<b>4</b>
											<input checked="" type="checkbox"/> STP(R)	4							
											<input checked="" type="checkbox"/> RAP		36			0	36	0	<b>36</b>
		Reconstruct and widen to four lanes with shoulders.														0	40	0	<b>40</b>
		Right-of-Way																	





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26	<b>Minor Rural Projects</b>	Various roads					I 0.00	03	<input type="checkbox"/>	S										
		Minor improvements at various locations.									C	<input checked="" type="checkbox"/> County				100	10	10	80	<b>100</b>
		Prelim. Engineering, Right-of-Way, Construction															10	10	80	<b>100</b>
<b>Rural Construction Projects Total:</b>													<b>2,097</b>	<b>1,608</b>		<b>5,402</b>	<b>212</b>	<b>1,055</b>	<b>7,840</b>	<b>9,107</b>
<b>Total Program for 2016</b>													<b>6,046</b>	<b>4,041</b>	<b>1,760</b>	<b>7,503</b>	<b>1,124</b>	<b>1,361</b>	<b>16,865</b>	<b>19,350</b>



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4	16	<b>57th Ave. - Perry to Palouse Pvm't Preservation</b> 57th Avenue	Perry Street	Palouse Highway	06002	3185	1.76	I	06	<input checked="" type="checkbox"/>	S	CWTPG								
																1,174	59	0	1,115	<b>1,174</b>
												<input checked="" type="checkbox"/> County					59	0	1,115	<b>1,174</b>
		<p>This project will be constructed along with the City of Spokane's water live project from Regal to Palouse Highway. The County's portion is a 4" grind and inlay curb to curb from Perry to Regal (46' width) and a 4" grind and inlay of the north half of the road from Regal to Palouse Highway (23' width). Project includes ADA Ramp upgrades where applicable.</p> <p>Prelim. Engineering, Construction</p>																		
5	14	<b>Mill Road - Hastings to Wilson</b> Mill Road	Hastings Road	Wilson Avenue	03036	3195	0.80	I	06	<input checked="" type="checkbox"/>	S	TCGPWS								
																231	10	0	221	<b>231</b>
												<input checked="" type="checkbox"/> County					63	0	690	<b>753</b>
												<input checked="" type="checkbox"/> STP(U)	753				73	0	911	<b>984</b>
		<p>This project will grind and inlay 3 1/2" depth of HMA. The base will be improved with CTB treatment. ADA ramp improvements and a curb realignment at Hastings to force northbound right traffic to turn fight will be constructed. Stormwater improvements will include oil/water separators in the catch basins to provide pretreatment to stormwater prior to entering dry wells. The roadway will be restriped to allow sufficient room for bike lanes on both sides of the road.</p> <p>Prelim. Engineering</p>																		
6	14	<b>Monroe Street - Francis Ave. to Greta Ave.</b> Monroe Street	Francis Ave	Wall Street	03067	3196	0.77	I	06	<input checked="" type="checkbox"/>	S	TCGPWS								
	16	Wall Street	Monroe Street	Greta Ave.	05205		0.10													
																15	15	0	0	<b>15</b>
												<input checked="" type="checkbox"/> County					93	0	0	<b>93</b>
												<input checked="" type="checkbox"/> STP(U)	93				108	0	0	<b>108</b>
		<p>This project will grind and inlay 2" of HMA for the existing pavement. There will be traffic signal upgrades and pedestrian countdown improvements that will require modifications at the Wall/Monroe Intersection. ADA ramp improvements will be constructed. Stormwater improvements will include catch basins with oil/water separators to provide pretreatment prior to entering dry wells.</p> <p>Prelim. Engineering</p>																		

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7		<b>Liberty Lake TIF &amp; LIFT</b>				3130	I	01	<input checked="" type="checkbox"/>	S										
															10		10	0	0	10
		This CRP is established to administer Spokane County Engineering's responsibilities associated with terms of the Liberty Lake TIF & LIFT(Spokane County River District Revenue Development Area at Liberty Lake). Administration																		
																	10	0	0	10
8		<b>Minor Urban Projects</b>					I	06	<input checked="" type="checkbox"/>	S										
		Minor improvements at various locations.  Prelim. Engineering, Right-of-Way, Construction																		
																100	10	10	80	100
																	10	10	80	100
		<b>Urban Construction Projects</b>											1,599	105	80	1,811	383	20	3,192	3,595
		<b>Total:</b>																		

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<b>Pathway Construction</b>																				
9		<b>Arterial Sidewalks &amp; Pathways</b>					I	06	<input checked="" type="checkbox"/>	S										
		Construct sidewalks along various arterials									C	<input checked="" type="checkbox"/> County		40			5	0	35	<b>40</b>
		Prelim. Engineering, Construction															5	0	35	<b>40</b>
10	16	<b>Otis Orchards Elementary School Sidewalk Project</b>	Wellesley Ave.	Arden Road	Lynden Road	05250	-0.36	I	01	<input type="checkbox"/>	P	WPSTCG								
		Construct a 6' wide separated sidewalk on north side of Arden Road along Wellesley Ave. east to Lynden Road where flashing beacons would be added for the existing crosswalk. A bulbed out curb would be added at the existing crosswalk on Arden Road.									C	<input checked="" type="checkbox"/> County				58	43	0	15	<b>58</b>
		Prelim. Engineering, Construction									C	<input type="checkbox"/> SP	444				0	0	444	<b>444</b>
																	43	0	459	<b>502</b>
11		<b>ADA Ramp Retrofits</b>					I	03	<input type="checkbox"/>	S										
		Retrofit various curb ramps to meet current ADA standards.									C	<input checked="" type="checkbox"/> County				55	5	0	50	<b>55</b>
		Prelim. Engineering, Construction															5	0	50	<b>55</b>
<b>Pathway Construction Projects Total:</b>													<b>444</b>	<b>153</b>	<b>53</b>	<b>0</b>	<b>544</b>	<b>597</b>		

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<b>Road Improvement Districts</b>																					
12	<b>Various RID Projects</b>						I	03	<input checked="" type="checkbox"/>	S											
		Various roads					0.00														
		Reconstruct gravel roads.																			
		Prelim. Engineering, Construction																			
<b>Road Improvement Districts Projects Total:</b>														<b>1,020</b>	<b>180</b>	<b>400</b>	<b>0</b>	<b>800</b>	<b>1,200</b>		

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<b>Traffic Safety Improvements</b>																			
13		<b>Glenrose Rd &amp; Carnahan Rd Safety Improvements</b>																	
	07	Glenrose Road		at Carnahan Road	01537		0.00	I	03		TCGPW								
															0	0	0	0	<b>0</b>
											<input checked="" type="checkbox"/> County					0	0	307	<b>307</b>
											<input checked="" type="checkbox"/> Other Fed	307				0	0	307	<b>307</b>
		This project will realign existing Carnahan Road north of Glenrose Road to match into Glenrose Road near 21st Avenue. Glenrose Road west of Carnahan will be realigned to match into 21st Avenue to make a 4 legged intersection.																	
		Construction																	
14		<b>Signing Upgrades</b>																	
								I	06										
											<input checked="" type="checkbox"/> Other Fed	135				0	0	135	<b>135</b>
		This project will upgrade signing on horizontal curves, countywide. Upgrades will be prioritized based upon data collection and evaluation.																	
		Construction																	
15		<b>Saltese &amp; Sullivan Traffic Signal</b>																	
								I	01		TCGPWS								
							0.00												
											<input type="checkbox"/> Other		188		18	0	170	<b>188</b>	
											<input type="checkbox"/> Spokane Valley		62		6	0	56	<b>62</b>	
		Install a new signal at this intersection.																	
																24	0	226	<b>250</b>
		Prelim. Engineering, Construction																	



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16	<b>Safety Improvement Projects</b>	Various roads					I	12	<input type="checkbox"/> S										
		Minor traffic safety improvements at various locations.																	
		Prelim. Engineering, Right-of-Way, Construction																	
		<b>Traffic Safety Improvements Projects Total:</b>										<b>592</b>	<b>250</b>	<b>15</b>	<b>29</b>	<b>5</b>	<b>823</b>	<b>857</b>	

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<b>Bridge Construction</b>																				
17		<b>Monroe Road Bridge # 2803</b>				3188	I		03	<input type="checkbox"/>	S									
																250	0	0	250	<b>250</b>
													1,002				0	0	1,002	<b>1,002</b>
		Replace bridge over Dragoon Creek.															0	0	1,252	<b>1,252</b>
		Construction																		
18		<b>Small Bridge Improvements</b>					I		11	<input type="checkbox"/>	S									
		Various roads.														25	5	0	20	<b>25</b>
		Bridge improvements at various locations.															5	0	20	<b>25</b>
		Prelim. Engineering, Construction																		
<b>Bridge Construction Projects Total:</b>												<b>1,002</b>			<b>275</b>	<b>5</b>	<b>0</b>	<b>1,272</b>	<b>1,277</b>	

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<b>Rural Construction</b>																					
19	06	<b>Bigelow Gulch/Forker Connector - Project 2</b> Bigelow Gulch Road	Urban Boundary	East Weile Road	00263	2620	I 1.32	03	<input type="checkbox"/> S		PT										
												20				0	20	0	20		
											<input checked="" type="checkbox"/> STP(R)					0	180	0	180		
											<input checked="" type="checkbox"/> RAP					0	200	0	200		
		Reconstruct and widen to four lanes with shoulders.																			
		Right-of-Way																			
20	07	<b>Brooks Road - City Limits to MP 1.87</b> Brooks Road	Medical Lake City Limits	Thorpe Road	00328	3194	I 1.87	03	<input type="checkbox"/> S		TCP										
															15	0	15	0	15		
											<input checked="" type="checkbox"/> County					0	15	0	15		
		This project will remove 4" of existing HMA, improvement base and subgrade where required, widen pavement width from 28' to 36' with 12' lanes and 6' shoulders.																			
		Right-of-Way																			
21	06	<b>Bigelow Gulch/Forker Connector - Project 4</b> Bigelow Gulch Road	Old Argonne Road	Forker Road	00263	2989	I 2.91	03	<input type="checkbox"/> S		TGP										
															4,619	0	0	4,619	4,619		
											<input checked="" type="checkbox"/> County					0	0	1,956	1,956		
											<input checked="" type="checkbox"/> RAP		1,956			0	0	6,575	6,575		
		Reconstruct and widen to a 4-lane road with 8-foot shoulders and a 12 foot median.																			
		Construction																			
22	06	<b>Bigelow Gulch/Forker Connector - Project 5</b> Forker Road	Bigelow Gulch Rd (end)	Progress Road	01349	2990	I 0.95	03	<input type="checkbox"/> S		TGP										
															206	106	100	0	206		
											<input checked="" type="checkbox"/> County					946	892	0	1,838		
											<input checked="" type="checkbox"/> RAP		1,838			1,052	992	0	2,044		
		Reconstruct and widen to a 4-lane road with 8-foot shoulders and a 12 foot turn-lane where necessary																			
		Prelim. Engineering, Right-of-Way																			

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23	07	<b>Craig Road Reconst. Project - SR 902 to Thorpe</b> Craig Road	SR 902	Thorpe Road	00653		I 1.33	03	<input type="checkbox"/>	P															
																70	70	0	0	<b>70</b>					
													450				450	0	0	<b>450</b>					
		Reconstruct and widen to 36 feet from SR 902 to SR 2.																							
																	520	0	0	<b>520</b>					
		Prelim. Engineering																							
24	16	<b>Cheney Spokane Road Retaining Wall Replacement</b> Cheney Spokane	Scribner Road at MP 4.		00579	3186	I 0.00	03	<input type="checkbox"/>	S															
																140	0	0	140	<b>140</b>					
		Design and construct a sheet pile retaining wall.																							
																	0	0	140	<b>140</b>					
		Construction																							
25		<b>Minor Rural Projects</b> Various roads					I 0.00	03	<input type="checkbox"/>	S															
																100	10	10	80	<b>100</b>					
		Minor improvements at various locations.																							
																	10	10	80	<b>100</b>					
		Prelim. Engineering, Right-of-Way, Construction																							
<b>Rural Construction Projects Total:</b>												<b>470</b>	<b>3,974</b>	<b>5,150</b>	<b>1,582</b>	<b>1,217</b>	<b>6,795</b>	<b>9,594</b>							

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<b>Total Program for 2017</b>													<b>3,663</b>	<b>4,523</b>	<b>1,350</b>	<b>7,584</b>	<b>2,452</b>	<b>1,242</b>	<b>13,426</b>	<b>17,120</b>

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<b>Urban Construction</b>																			
1		<b>Bigelow Gulch/Forker Connector - Project 6</b>				<b>2991</b>	S	03	<input checked="" type="checkbox"/>	P	TGP								
	14	Bigelow Gulch Rd	Forker Road	Wellesley Avenue	03788		0.91												
															50	50	0	0	<b>50</b>
											<input checked="" type="checkbox"/> County					50	0	0	<b>50</b>
		Construct 5-lane road urban arterial with curb, sidewalk and traffic signal.																	
		Prelim. Engineering																	
2		<b>Monroe Street - Francis Ave. to Greta Ave.</b>				<b>3196</b>	I	06	<input checked="" type="checkbox"/>	S	TCGPWS								
	14	Monroe Street	Francis Ave	Wall Street	03067		0.77												
	16	Wall Street	Monroe Street	Greta Ave.	05205		0.10												
												<input checked="" type="checkbox"/> STP(U)	899			0	0	899	<b>899</b>
												<input checked="" type="checkbox"/> FMSIB	290			0	0	290	<b>290</b>
		This project will grind and inlay 2" of HMA for the existing pavement. There will be traffic signal upgrades and pedestrian countdown improvements that will require modifications at the Wall/Monroe Intersection. ADA ramp improvements will be constructed. Stormwater improvements will include catch basins with oil/water separators to provide pretreatment prior to entering dry wells.																	
		Construction																	
3		<b>Hawthorne Road</b>					I	06	<input checked="" type="checkbox"/>	P									
	16	Hawthorne Road	Waikiki Road	SR 395	01762		0.61												
												<input checked="" type="checkbox"/> County			264	15	0	249	<b>264</b>
												<input type="checkbox"/> UAP	616			35	0	581	<b>616</b>
		Reconstruct roadway.																	
																50	0	830	<b>880</b>
		Prelim. Engineering, Construction																	

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4		<b>Glenrose Realignment</b>					I	03	<input checked="" type="checkbox"/>	P										
	16	Glenrose Road	37th Avenue	57th Avenue	01537		1.88													
	16	57th Avenue	Palouse Hwy	Glenrose Road	06002		0.25													
															69	69	0	0	<b>69</b>	
										<input checked="" type="checkbox"/> County						441	0	0	<b>441</b>	
										<input type="checkbox"/> STP(U)	441					510	0	0	<b>510</b>	
		Widen and realign to urban section from Palouse Highway to 37th.																		
		Prelim. Engineering																		
5		<b>Liberty Lake TIF &amp; LIFT</b>				<b>3130</b>	I	01	<input checked="" type="checkbox"/>	S										
														10		10	0	0	<b>10</b>	
		This CRP is established to administer Spokane County Engineering's responsibilities associated with terms of the Liberty Lake TIF & LIFT(Spokane County River District Revenue Development Area at Liberty Lake).																		
		Administration																		
																10	10	0	0	<b>10</b>
6		<b>Minor Urban Projects</b>					I	06	<input checked="" type="checkbox"/>	S										
															100	10	10	80	<b>100</b>	
		Minor improvements at various locations.																		
																10	10	80	<b>100</b>	
		Prelim. Engineering, Right-of-Way, Construction																		
		<b>Urban Construction Projects Total:</b>										<b>1,630</b>	<b>616</b>	<b>10</b>	<b>483</b>	<b>630</b>	<b>10</b>	<b>2,099</b>	<b>2,739</b>	

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<b>Pathway Construction</b>																			
7		<b>Arterial Sidewalks &amp; Pathways</b>					I	06	<input checked="" type="checkbox"/>	S									
										C	<input checked="" type="checkbox"/> County		40			5	0	35	40
		Construct sidewalks along various arterials														5	0	35	40
		Prelim. Engineering, Construction																	
8		<b>Separated Sp. River Centennial Trail at Carlson Rd</b>					I	01	<input type="checkbox"/>	P									
										C	<input checked="" type="checkbox"/> County		59			7	5	47	59
										C	<input type="checkbox"/> TAP	441				43	0	398	441
										C	<input checked="" type="checkbox"/> Other			10		0	0	10	10
		Construct a 12' wide asphalt pathway from Carlson Road to Old Charles Road.														50	5	455	510
		Prelim. Engineering, Right-of-Way, Construction																	
9		<b>ADA Ramp Retrofits</b>					I	03	<input type="checkbox"/>	S									
										C	<input checked="" type="checkbox"/> County		55			5	0	50	55
		Retrofit various curb ramps to meet current ADA standards.														5	0	50	55
		Prelim. Engineering, Construction																	
<b>Pathway Construction Projects Total:</b>												<b>441</b>		<b>10</b>	<b>154</b>	<b>60</b>	<b>5</b>	<b>540</b>	<b>605</b>



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<b>Road Improvement Districts</b>																				
10	<b>Various RID Projects</b>	Various roads					I 0.00	03	<input checked="" type="checkbox"/>	S										
																180	60	0	120	<b>180</b>
															1,020		340	0	680	<b>1,020</b>
		Reconstruct gravel roads.															400	0	800	<b>1,200</b>
		Prelim. Engineering, Construction																		
<b>Road Improvement Districts Projects Total:</b>														<b>1,020</b>	<b>180</b>	<b>400</b>	<b>0</b>	<b>800</b>	<b>1,200</b>	

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<b>Traffic Safety Improvements</b>																			
11	<b>Safety Improvement Projects</b>	Various roads					I		12	<input type="checkbox"/>	S								
										C	<input checked="" type="checkbox"/> County				15	5	5	5	<b>15</b>
										C	<input type="checkbox"/> STP(S)	150				0	0	150	<b>150</b>
		Minor traffic safety improvements at various locations.														5	5	155	<b>165</b>
		Prelim. Engineering, Right-of-Way, Construction																	
<b>Traffic Safety Improvements Projects Total:</b>												<b>150</b>			<b>15</b>	<b>5</b>	<b>5</b>	<b>155</b>	<b>165</b>

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<b>Bridge Construction</b>																			
12	<b>Small Bridge Improvements</b>	Various roads.					I		11	<input type="checkbox"/>	S								
		Bridge improvements at various locations.								C	<input checked="" type="checkbox"/> County		25			5	0	20	<b>25</b>
		Prelim. Engineering, Construction														5	0	20	<b>25</b>
<b>Bridge Construction Projects Total:</b>															<b>25</b>	<b>5</b>	<b>0</b>	<b>20</b>	<b>25</b>

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<b>Rural Construction</b>																				
13		<b>Bigelow Gulch/Forker Connector - Project 2</b>				<b>2620</b>	I	03	<input type="checkbox"/>	S		PT								
	06	Bigelow Gulch Road	Urban Boundary	East Weile Road	00263		1.32													
													73				0	73	0	<b>73</b>
														655			0	655	0	<b>655</b>
		Reconstruct and widen to four lanes with shoulders.															0	728	0	<b>728</b>
		Right-of-Way																		
14		<b>Bigelow Gulch/Forker Connector - Project 4</b>				<b>2989</b>	I	03	<input type="checkbox"/>	S		TGP								
	06	Bigelow Gulch Road	Old Argonne Road	Forker Road	00263		2.91													
																4,620	0	0	4,620	<b>4,620</b>
													1,955				0	0	1,955	<b>1,955</b>
		Reconstruct and widen to a 4-lane road with 8-foot shoulders and a 12 foot median.															0	0	6,575	<b>6,575</b>
		Construction																		
15		<b>Bigelow Gulch/Forker Connector - Project 5</b>				<b>2990</b>	I	03	<input type="checkbox"/>	S		TGP								
	06	Forker Road	Bigelow Gulch Rd (end)	Progress Road	01349		0.95													
																3,225	0	0	3,225	<b>3,225</b>
													1,554				0	0	1,554	<b>1,554</b>
													1,865				0	0	1,865	<b>1,865</b>
		Reconstruct and widen to a 4-lane road with 8-foot shoulders and a 12 foot turn-lane where necessary															0	0	6,644	<b>6,644</b>
		Construction																		

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16		<b>Craig Road Reconst Project - Thorpe to McFarlane</b>					I	03	<input type="checkbox"/>	P										
	07	Craig Road	Thorpe Road	McFarlane	00654		1.00									26	26	0	0	<b>26</b>
									C		<input type="checkbox"/>	County				234	234	0	0	<b>234</b>
									C		<input type="checkbox"/>	RAP								<b>260</b>
		Reconstruct Craig Road.															260	0	0	<b>260</b>
		Prelim. Engineering																		
17		<b>Craig Road Reconst. Project - SR 902 to Thorpe</b>					I	03	<input type="checkbox"/>	P										
	07	Craig Road	SR 902	Thorpe Road	00653		1.33									65	0	65	0	<b>65</b>
									C		<input checked="" type="checkbox"/>	County				415	0	415	0	<b>415</b>
									C		<input type="checkbox"/>	STP(R)	415				0	480	0	<b>480</b>
		Reconstruct and widen to 36 feet from SR 902 to SR 2.															0	480	0	<b>480</b>
		Right-of-Way																		
18		<b>Argonne Road - MP 2.55 to MP 4.13</b>				<b>3193</b>	I	06	<input type="checkbox"/>	S		TCP								
	07	Argonne Road	MP 2.55	MP 4.13	00091		1.88									214	0	0	214	<b>214</b>
									C		<input checked="" type="checkbox"/>	County				1,373	0	0	1,373	<b>1,373</b>
									C		<input checked="" type="checkbox"/>	STP(R)	1,373				0	0	1,587	<b>1,587</b>
		This project will grind and overlay 4" depth of HMA over the roadway including shoulders.															0	0	1,587	<b>1,587</b>
		Construction																		
19		<b>Brooks Road - City Limits to MP 1.87</b>				<b>3194</b>	I	03	<input type="checkbox"/>	S		TCP								
	07	Brooks Road	Medical Lake City Limits	Thorpe Road	00328		1.87									15	0	15	0	<b>15</b>
									C		<input checked="" type="checkbox"/>	County					0	15	0	<b>15</b>
		This project will remove 4" of existing HMA, improvement base and subgrade where required, widen pavement width from 28' to 36' with 12' lanes and 6' shoulders.															0	15	0	<b>15</b>
		Right-of-Way																		

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20	<b>Dishman-Mica Road</b> 07	Dishman-Mica Road	SR 27	MP 0.50	00880		I 0.50	06	<input type="checkbox"/> P										
									<input type="checkbox"/> C	<input checked="" type="checkbox"/> County					67	4	0	63	<b>67</b>
									<input type="checkbox"/> C	<input type="checkbox"/> RAP		602				37	0	565	<b>602</b>
		This project will construct a 10" cement treated base with 3" HMA overlay and 4' wide paved shoulder on both sides.														41	0	628	<b>669</b>
		Prelim. Engineering, Construction																	
21	<b>Elk Chattaroy Road</b> 07	Elk Chattaroy Road	US 2	Cowgill Road	01128		I 1.41	03	<input type="checkbox"/> P		TCGP								
									<input type="checkbox"/> C	<input checked="" type="checkbox"/> County					11	11	0	0	<b>11</b>
									<input type="checkbox"/> C	<input type="checkbox"/> RAP		105				100	5	0	<b>105</b>
		This 3R project will construct a 10" CTB with 3" HMA overlay and 6' wide paved shoulders on both sides.														111	5	0	<b>116</b>
		Prelim. Engineering, Right-of-Way																	
22	<b>Minor Rural Projects</b>	Various roads					I 0.00	03	<input type="checkbox"/> S										
									<input type="checkbox"/> C	<input checked="" type="checkbox"/> County					100	10	10	80	<b>100</b>
		Minor improvements at various locations.														10	10	80	<b>100</b>
		Prelim. Engineering, Right-of-Way, Construction																	
<b>Rural Construction Projects Total:</b>												<b>3,726</b>	<b>5,105</b>	<b>8,343</b>	<b>422</b>	<b>1,238</b>	<b>15,514</b>	<b>17,174</b>	

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<b>Total Program for 2018</b>													<b>5,947</b>	<b>5,721</b>	<b>1,040</b>	<b>9,200</b>	<b>1,522</b>	<b>1,258</b>	<b>19,128</b>	<b>21,908</b>			

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<b>Urban Construction</b>																				
1		<b>Bigelow Gulch/Forker Connector - Project 6</b>				<b>2991</b>	S	03	<input checked="" type="checkbox"/>	P		TGP								
	14	Bigelow Gulch Rd	Forker Road	Wellesley Avenue	03788		0.91									1,004	159	845	0	<b>1,004</b>
														1,505			238	1,267	0	<b>1,505</b>
																	397	2,112	0	<b>2,509</b>
		Construct 5-lane road urban arterial with curb, sidewalk and traffic signal.																		
		Right-of-Way																		
2		<b>Glenrose Realignment</b>					I	03	<input checked="" type="checkbox"/>	P										
	16	Glenrose Road	37th Avenue	57th Avenue	01537		1.88									73	0	73	0	<b>73</b>
	16	57th Avenue	Palouse Hwy	Glenrose Road	06002		0.25										0	467	0	<b>467</b>
													467				0	540	0	<b>540</b>
		Widen and realign to urban section from Palouse Highway to 37th.																		
		Right-of-Way																		
3		<b>Liberty Lake TIF &amp; LIFT</b>				<b>3130</b>	I	01	<input checked="" type="checkbox"/>	S										
															10		10	0	0	<b>10</b>
		This CRP is established to administer Spokane County Engineering's responsibilities associated with terms of the Liberty Lake TIF & LIFT(Spokane County River District Revenue Development Area at Liberty Lake).																		
		Administration																		



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4	<b>Minor Urban Projects</b>						I	06	<input checked="" type="checkbox"/>	S										
		Minor improvements at various locations.									C	<input checked="" type="checkbox"/> County				100	10	10	80	<b>100</b>
		Prelim. Engineering, Right-of-Way, Construction															10	10	80	<b>100</b>
<b>Urban Construction Projects Total:</b>													<b>467</b>	<b>1,505</b>	<b>10</b>	<b>1,177</b>	<b>417</b>	<b>2,662</b>	<b>80</b>	<b>3,159</b>

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<b>Pathway Construction</b>																			
5		<b>ADA Ramp Retrofits</b>					I	03	<input type="checkbox"/>	S									
										C	<input checked="" type="checkbox"/> County		55			5	0	50	<b>55</b>
		Retrofit various curb ramps to meet current ADA standards.														5	0	50	<b>55</b>
		Prelim. Engineering, Construction																	
6		<b>61st Avenue &amp; Palouse Highway Pathway Project</b>					I	01	<input checked="" type="checkbox"/>	P	WSGTPC								
	14	Palouse Highway	57th Avenue	61st Avenue	03711		0.25												
	19	61st Avenue	310' west of Palouse H	Palouse Hwy	06008		0.06												
										C	<input checked="" type="checkbox"/> County				110	18	0	92	<b>110</b>
										C	<input type="checkbox"/> SP		161			22	0	139	<b>161</b>
		Build sidewalk on west side of Palouse Hwy from 57th Avenue south to 62nd Ave. and connect sidewalk to existing sidewalk on 62nd Ave.														40	0	231	<b>271</b>
		Prelim. Engineering, Construction																	
7		<b>Little Spokane Connection Rd. Separated Pathway</b>					I	01	<input type="checkbox"/>	P	WPSGTC								
	16	Little Spokane Drive	Wandermere Road	Little Spokane Drive	02572		0.23												
										C	<input checked="" type="checkbox"/> County				57	6	0	51	<b>57</b>
										C	<input type="checkbox"/> TAP	358				35	0	323	<b>358</b>
		Construct separated pathway from Wandermere Road to Little Spokane Drive.														41	0	374	<b>415</b>
		Prelim. Engineering, Construction																	
8		<b>Arterial Sidewalks &amp; Pathways</b>					I	06	<input checked="" type="checkbox"/>	S									
										C	<input checked="" type="checkbox"/> County				40	5	0	35	<b>40</b>
		Construct sidewalks along various arterials														5	0	35	<b>40</b>
		Prelim. Engineering, Construction																	

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<b>Pathway Construction Projects Total:</b>												<b>358</b>	<b>161</b>		<b>262</b>	<b>91</b>	<b>0</b>	<b>690</b>	<b>781</b>

**Road Improvement Districts**

9	Various RID Projects	Various roads					I	03	<input checked="" type="checkbox"/> S												
							0.00														
									C	<input checked="" type="checkbox"/> County					180	60	0	120	<b>180</b>		
									C	<input checked="" type="checkbox"/> RID Bonds			1,020		340	0	680	<b>1,020</b>			
		Reconstruct gravel roads.														400	0	800	<b>1,200</b>		
		Prelim. Engineering, Construction																			
<b>Road Improvement Districts Projects Total:</b>												<b>1,020</b>	<b>180</b>		<b>400</b>	<b>0</b>	<b>800</b>	<b>1,200</b>			

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<b>Traffic Safety Improvements</b>																			
10	<b>Safety Improvement Projects</b>	Various roads					I		12	<input type="checkbox"/>	S								
										C	<input checked="" type="checkbox"/> County				15	5	5	5	<b>15</b>
										C	<input type="checkbox"/> STP(S)	150				0	0	150	<b>150</b>
		Minor traffic safety improvements at various locations.														5	5	155	<b>165</b>
		Prelim. Engineering, Right-of-Way, Construction																	
<b>Traffic Safety Improvements Projects Total:</b>												<b>150</b>			<b>15</b>	<b>5</b>	<b>5</b>	<b>155</b>	<b>165</b>

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<b>Bridge Construction</b>																				
11	<b>Small Bridge Improvements</b>	Various roads.					I		11	<input type="checkbox"/>	S									
		Bridge improvements at various locations.									C	<input checked="" type="checkbox"/> County				25	5	0	20	<b>25</b>
		Prelim. Engineering, Construction															5	0	20	<b>25</b>
<b>Bridge Construction Projects Total:</b>																<b>25</b>	<b>5</b>	<b>0</b>	<b>20</b>	<b>25</b>

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<b>Rural Construction</b>																			
12		<b>Craig Road Reconst. Project - SR 902 to Thorpe</b>					I	03	<input type="checkbox"/>	P									
	07	Craig Road	SR 902	Thorpe Road	00653		1.33												
		Reconstruct and widen to 36 feet from SR 902 to SR 2.																	
		Construction																	
13		<b>Craig Road Reconst Project - Thorpe to McFarlane</b>					I	03	<input type="checkbox"/>	P									
	07	Craig Road	Thorpe Road	McFarlane	00654		1.00												
		Reconstruct Craig Road.																	
		Right-of-Way																	
14		<b>Bigelow Gulch/Forker Connector - Project 2</b>					I	03	<input type="checkbox"/>	S	PT								
	06	Bigelow Gulch Road	Urban Boundary	East Weile Road	00263	2620	1.32												
		Reconstruct and widen to four lanes with shoulders.																	
		Construction																	

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15		<b>Bigelow Gulch/Forker Connector - Project 3</b>				<b>2924</b>	I	03	<input type="checkbox"/>	S		PT								
	06	Bigelow Gulch Road	E. Weile Road	Jensen Road	00263		1.20									60	0	60	0	<b>60</b>
														540			0	540	0	<b>540</b>
		Reconstruct roadway and widen to four lanes with shoulders.																		
		Right-of-Way																		
																	0	600	0	<b>600</b>
16		<b>Elk Chattaroy Road</b>					I	03	<input type="checkbox"/>	P		TCGP								
	07	Elk Chattaroy Road	US 2	Cowgill Road	01128		1.41									278	0	0	278	<b>278</b>
														1,216			0	0	1,216	<b>1,216</b>
		This 3R project will construct a 10" CTB with 3" HMA overlay and 6' wide paved shoulders on both sides.																		
		Construction																		
																	0	0	1,494	<b>1,494</b>
17		<b>Brooks Road - City Limits to MP 1.87</b>				<b>3194</b>	I	03	<input type="checkbox"/>	S		TCP								
	07	Brooks Road	Medical Lake City Limits	Thorpe Road	00328		1.87									1,044	0	0	1,044	<b>1,044</b>
																	0	0	601	<b>601</b>
		This project will remove 4" of existing HMA, improvement base and subgrade where required, widen pavement width from 28' to 36' with 12' lanes and 6' shoulders.																		
		Construction																		
													601				0	0	1,645	<b>1,645</b>
18		<b>Bigelow Gulch/Forker Connector - Project 5</b>				<b>2990</b>	I	03	<input type="checkbox"/>	S		TGP								
	06	Forker Road	Bigelow Gulch Rd (end)	Progress Road	01349		0.95									3,225	0	0	3,225	<b>3,225</b>
														1,554			0	0	1,554	<b>1,554</b>
													1,866				0	0	1,866	<b>1,866</b>
		Reconstruct and widen to a 4-lane road with 8-foot shoulders and a 12 foot turn-lane where necessary																		
		Construction																		
																	0	0	6,645	<b>6,645</b>

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19	<b>Minor Rural Projects</b>	Various roads					I 0.00	03	<input type="checkbox"/>	S										
		Minor improvements at various locations.									C	<input checked="" type="checkbox"/> County				100	10	10	80	<b>100</b>
		Prelim. Engineering, Right-of-Way, Construction															10	10	80	<b>100</b>
<b>Rural Construction Projects Total:</b>													<b>9,497</b>	<b>13,299</b>		<b>5,299</b>	<b>10</b>	<b>850</b>	<b>27,235</b>	<b>28,095</b>
<b>Total Program for 2019</b>													<b>10,472</b>	<b>14,965</b>	<b>1,030</b>	<b>6,958</b>	<b>928</b>	<b>3,517</b>	<b>28,980</b>	<b>33,425</b>



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<b>Urban Construction</b>																				
1		<b>Bigelow Gulch/Forker Connector - Project 6</b>				2991	S	03	<input checked="" type="checkbox"/>	P		TGP								
	14	Bigelow Gulch Rd	Forker Road	Wellesley Avenue	03788		0.91													
																0	0	0	0	<b>0</b>
														995			0	0	995	<b>995</b>
												4,370					0	0	4,370	<b>4,370</b>
												269					0	0	269	<b>269</b>
		Construct 5-lane road urban arterial with curb, sidewalk and traffic signal.															0	0	5,634	<b>5,634</b>
		Construction																		
2		<b>Craig Road Preservation Project</b>					I	06	<input type="checkbox"/>	P		PWGTCS								
	07	Craig Rd	McFarlane Road	US Highway 2	00654		1.00													
																12	12	0	0	<b>12</b>
												50					50	0	0	<b>50</b>
		This project will widen the existing roadway from 22' to 24' with 2' wide paved shoulders on both sides.															62	0	0	<b>62</b>
		Prelim. Engineering																		
3		<b>Glenrose Realignment</b>					I	03	<input checked="" type="checkbox"/>	P										
	16	Glenrose Road	37th Avenue	57th Avenue	01537		1.88													
	16	57th Avenue	Palouse Hwy	Glenrose Road	06002		0.25									693	0	0	693	<b>693</b>
												4,437					0	0	4,437	<b>4,437</b>
		Widen and realign to urban section from Palouse Highway to 37th.															0	0	5,130	<b>5,130</b>
		Construction																		

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4	<b>Harvard Road Reconstruction</b> 14 Harvard Rd	Euclid Avenue	SR 290		01741	3078	I 1.60	03	<input type="checkbox"/>	S						155	9	146	0	155
												<input checked="" type="checkbox"/> County					61	937	0	998
												<input type="checkbox"/> STP(U)	998				70	1,083	0	1,153
		Reconstruct and widen roadway.																		
		Prelim. Engineering, Right-of-Way																		
5	<b>Liberty Lake TIF &amp; LIFT</b>					3130	I	01	<input checked="" type="checkbox"/>	S										
															20		10	0	0	10
		This CRP is established to administer Spokane County Engineering's responsibilities associated with terms of the Liberty Lake TIF & LIFT(Spokane County River District Revenue Development Area at Liberty Lake).																		
		Administration																		
																	20	0	0	20
6	<b>Minor Urban Projects</b>						I	06	<input checked="" type="checkbox"/>	S										
																100	10	10	80	100
		Minor improvements at various locations.																		
																	10	10	80	100
		Prelim. Engineering, Right-of-Way, Construction																		
<b>Urban Construction Projects Total:</b>												10,124	995	20	960	162	1,093	10,844	12,099	

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<b>Pathway Construction</b>																				
7		<b>ADA Ramp Retrofits</b>					I		03											
		Retrofit various curb ramps to meet current ADA standards.													55	5	0	50	<b>55</b>	
																5	0	50	<b>55</b>	
		Prelim. Engineering, Construction																		
8		<b>Arterial Sidewalks &amp; Pathways</b>					I		06											
		Construct sidewalks along various arterials													40	5	0	35	<b>40</b>	
																5	0	35	<b>40</b>	
		Prelim. Engineering, Construction																		
<b>Pathway Construction Projects Total:</b>															<b>95</b>	<b>10</b>	<b>0</b>	<b>85</b>	<b>95</b>	

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<b>Road Improvement Districts</b>																				
9		<b>Various RID Projects</b>					I	03	<input checked="" type="checkbox"/>	S										
		Various roads					0.00													
		Reconstruct gravel roads.																		
		Prelim. Engineering, Construction																		
		<b>Road Improvement Districts Projects Total:</b>												<b>1,020</b>	<b>180</b>	<b>400</b>	<b>0</b>	<b>800</b>	<b>1,200</b>	

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<b>Traffic Safety Improvements</b>																			
10	<b>Safety Improvement Projects</b>	Various roads					I		12	<input type="checkbox"/>	S								
										C	<input checked="" type="checkbox"/> County				15	5	5	5	<b>15</b>
										C	<input type="checkbox"/> STP(S)	150				0	0	150	<b>150</b>
		Minor traffic safety improvements at various locations.														5	5	155	<b>165</b>
		Prelim. Engineering, Right-of-Way, Construction																	
<b>Traffic Safety Improvements Projects Total:</b>												<b>150</b>			<b>15</b>	<b>5</b>	<b>5</b>	<b>155</b>	<b>165</b>

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<b>Bridge Construction</b>																			
11	<b>Small Bridge Improvements</b>	Various roads.					I		11	<input type="checkbox"/>	S								
		Bridge improvements at various locations.								C	<input checked="" type="checkbox"/> County		25			5	0	20	<b>25</b>
		Prelim. Engineering, Construction														5	0	20	<b>25</b>
<b>Bridge Construction Projects Total:</b>															<b>25</b>	<b>5</b>	<b>0</b>	<b>20</b>	<b>25</b>

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<b>Rural Construction</b>																					
12		<b>Bigelow Gulch/Forker Connector - Project 3</b>				<b>2924</b>	I	03	<input type="checkbox"/>	S		PT									
	06	Bigelow Gulch Road	E. Weile Road	Jensen Road	00263		1.20									10	0	10	0	<b>10</b>	
													<input checked="" type="checkbox"/> County				0	10	0		
													<input checked="" type="checkbox"/> RAP	90			0	90	0	<b>90</b>	
		Reconstruct roadway and widen to four lanes with shoulders.															0	100	0	<b>100</b>	
13		<b>Craig Road Reconst Project - Thorpe to McFarlane</b>					I	03	<input type="checkbox"/>	P											
	07	Craig Road	Thorpe Road	McFarlane	00654		1.00									210	0	0	210	<b>210</b>	
													<input checked="" type="checkbox"/> County				0	0	210		
													<input type="checkbox"/> RAP	1,894			0	0	1,894	<b>1,894</b>	
		Reconstruct Craig Road.															0	0	2,104	<b>2,104</b>	
		Construction																			
14		<b>Inland Road Realignment</b>					I	01	<input type="checkbox"/>	P											
	07	Inland Road	MP 0.00	Seven Mile road	02035		0.00									47	3	0	44	<b>47</b>	
													<input checked="" type="checkbox"/> County				26	0	395	<b>421</b>	
													<input type="checkbox"/> RAP	421			29	0	439	<b>468</b>	
		Realign connection with Seven Mile Road to the east of the existing connection.																			
		Prelim. Engineering, Construction																			
15		<b>Minor Rural Projects</b>					I	03	<input type="checkbox"/>	S											
		Various roads					0.00									100	10	10	80	<b>100</b>	
													<input checked="" type="checkbox"/> County				10	10	80	<b>100</b>	
		Minor improvements at various locations.																			
		Prelim. Engineering, Right-of-Way, Construction																			

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<b>Rural Construction Projects Total:</b>													<b>2,405</b>	<b>367</b>	<b>39</b>	<b>110</b>	<b>2,623</b>	<b>2,772</b>		
<b>Total Program for 2020</b>													<b>10,274</b>	<b>3,400</b>	<b>1,040</b>	<b>1,642</b>	<b>621</b>	<b>1,208</b>	<b>14,527</b>	<b>16,356</b>





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<b>Urban Construction Projects Total:</b>												<b>3,878</b>	<b>289</b>	<b>1,899</b>	<b>10</b>	<b>0</b>	<b>6,056</b>	<b>6,066</b>				

**Pathway Construction**

4	Arterial Sidewalks & Pathways																			
							I	06	<input checked="" type="checkbox"/>	S										
									C	<input checked="" type="checkbox"/>	County				40	5	0	35	<b>40</b>	
	Construct sidewalks along various arterials															5	0	35	<b>40</b>	
	Prelim. Engineering, Construction																			
<b>Pathway Construction Projects Total:</b>												<b>40</b>	<b>5</b>	<b>0</b>	<b>35</b>	<b>40</b>				

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<b>Road Improvement Districts</b>																			
5	Various RID Projects	Various roads					I 0.00	03	<input checked="" type="checkbox"/>	S									
										C	<input checked="" type="checkbox"/> County		180		60	0	120	<b>180</b>	
										C	<input checked="" type="checkbox"/> RID Bonds		1,020		340	0	680	<b>1,020</b>	
		Reconstruct gravel roads.													400	0	800	<b>1,200</b>	
		Prelim. Engineering, Construction																	
<b>Road Improvement Districts Projects Total:</b>													<b>1,020</b>	<b>180</b>	<b>400</b>	<b>0</b>	<b>800</b>	<b>1,200</b>	

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<b>Traffic Safety Improvements</b>																				
6		<b>Safety Improvement Projects</b>					I			12										
		Various roads																		
		Minor traffic safety improvements at various locations.																		
		Prelim. Engineering, Right-of-Way, Construction																		
		<b>Traffic Safety Improvements Projects Total:</b>											<b>150</b>			<b>15</b>	<b>5</b>	<b>5</b>	<b>155</b>	<b>165</b>

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<b>Bridge Construction</b>																			
7	<b>Small Bridge Improvements</b>	Various roads.					I		11	<input type="checkbox"/>	S								
		Bridge improvements at various locations.								C	<input checked="" type="checkbox"/> County		25			5	0	20	<b>25</b>
		Prelim. Engineering, Construction														5	0	20	<b>25</b>
<b>Bridge Construction Projects Total:</b>															<b>25</b>	<b>5</b>	<b>0</b>	<b>20</b>	<b>25</b>

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<b>Rural Construction</b>																				
8	06	<b>Bigelow Gulch/Forker Connector - Project 3</b> Bigelow Gulch Road	E. Weile Road	Jensen Road	00263	2924	1.20	I	03	<input type="checkbox"/> S	PT					390	0	0	390	<b>390</b>
											<input checked="" type="checkbox"/> County					390	0	0	390	<b>390</b>
											<input type="checkbox"/> RAP	3,920					0	0	3,920	<b>3,920</b>
		Reconstruct roadway and widen to four lanes with shoulders.															0	0	4,310	<b>4,310</b>
		Construction																		
9		<b>Minor Rural Projects</b> Various roads					0.00	I	03	<input type="checkbox"/> S						100	10	10	80	<b>100</b>
											<input checked="" type="checkbox"/> County						10	10	80	<b>100</b>
		Minor improvements at various locations.																		
		Prelim. Engineering, Right-of-Way, Construction																		
<b>Rural Construction Projects Total:</b>													<b>3,920</b>	<b>490</b>	<b>10</b>	<b>10</b>	<b>4,390</b>	<b>4,410</b>		

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<b>Total Program for 2021</b>													<b>4,028</b>	<b>3,920</b>	<b>1,309</b>	<b>2,649</b>	<b>435</b>	<b>15</b>	<b>11,456</b>	<b>11,906</b>			

**Spokane County  
Department of Public Works  
Engineering Division  
2016 – 2021 Six Year Transportation Improvement Program  
2016 Recommended Equipment Purchase List**



<u>Equipment</u>	<u>Number</u>	<u>Budget Estimate per Unit</u>	<u>Extended Estimate</u>
Class 8 Truck (Dump) w/ plow and sander	4	\$270,000	\$1,080,000
Grader (Standard Drive)	3	\$300,000	\$900,000
Roadside Mowers	2	\$150,000	\$300,000
Tire Truck	1	\$65,000	\$65,000
		Budget Total	\$2,345,000