

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



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

BEFORE THE BOARD OF COUNTY COMMISSIONERS
OF SPOKANE COUNTY, WASHINGTON

RESOLUTION NO. **15 - 0450**

IN THE MATTER OF THE ADOPTION OF THE 2016-2021)
SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM)
INCLUDING THE SIX-YEAR URBAN AREA CONSTRUCTION)
PROGRAM, THE SIX-YEAR RURAL AREA CONSTRUCTION)
PROGRAM, THE 2016 ANNUAL CONSTRUCTION PROGRAM AND)
THE 2016 COUNTY ARTERIAL PRESERVATION PROGRAM)
AND THE 2016 EQUIPMENT PURCHASE LIST)

RESOLUTION

WHEREAS, the Spokane County Engineer has submitted for consideration the attached 2016-2021 SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM, including the SIX-YEAR URBAN AREA CONSTRUCTION PROGRAM, the SIX-YEAR RURAL AREA CONSTRUCTION PROGRAM, the 2016 ANNUAL CONSTRUCTION PROGRAM, the 2016 COUNTY ARTERIAL PRESERVATION PROGRAM and the 2016 Equipment Purchase List; and

WHEREAS, a priority array of county road arterials was available and used as a guide to the preparation of the six-year program; and

WHEREAS, a bridge inspection report was prepared and used as a guide to the preparation of the six-year program; and

WHEREAS, an environmental assessment has been made of the projects listed in the programs; and

WHEREAS, the programs are consistent with the Adopted Comprehensive Plan; and

WHEREAS, the Board of County Commissioners has reviewed the 2016-2021 SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM, including the SIX-YEAR URBAN AREA CONSTRUCTION PROGRAM, the SIX-YEAR RURAL AREA CONSTRUCTION PROGRAM, the 2016 ANNUAL CONSTRUCTION PROGRAM, the 2016 COUNTY ARTERIAL PRESERVATION PROGRAM and the 2016 EQUIPMENT PURCHASE LIST and has found them to be logical proposals which meet the requirements of the existing Washington state law.

THEREFORE, BE IT HEREBY RESOLVED by the Board of County Commissioners of Spokane County, Washington, that the attached 2016-2021 SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM, including the SIX-YEAR URBAN AREA CONSTRUCTION PROGRAM, the SIX-YEAR RURAL AREA CONSTRUCTION PROGRAM, the 2016 ANNUAL CONSTRUCTION PROGRAM, the 2016 COUNTY ARTERIAL PRESERVATION PROGRAM and the 2016 EQUIPMENT PURCHASE LIST are unanimously approved.

BE IT FURTHER RESOLVED, that the County Engineer be and is authorized to proceed with preliminary

engineering and right of way acquisition for the projects outlined in the 2016-2021 SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM, including the SIX-YEAR URBAN AREA CONSTRUCTION PROGRAM, the SIX-YEAR RURAL AREA CONSTRUCTION PROGRAM, the 2015 ANNUAL CONSTRUCTION PROGRAM, the 2016 COUNTY ARTERIAL PRESERVATION PROGRAM and the 2016 EQUIPMENT PURCHASE LIST.

BE IT FURTHER RESOLVED, that the projects included in the programs are found to be environmentally insignificant, with the exception of those projects indicated otherwise.

PASSED AND ADOPTED this 26th day of May, 2015.

BOARD OF COUNTY COMMISSIONERS
OF SPOKANE COUNTY, WASHINGTON



ATTEST:

Ginnar Vasquez
Ginna Vasquez
Interim Clerk of the Board

Todd Mielke
Todd Mielke, Chair
Shelly O'Quinn
Shelly O'Quinn, Vice-Chair
Al French
Al French, Commissioner

**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 21st 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
TOTAL:	\$ 51,427,452	\$ 47,822,168	\$ 49,550,935	\$ 61,578,097	\$ 49,804,975	\$ 46,260,932

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
TOTAL:	\$ 51,427,452	\$ 47,822,168	\$ 49,550,935	\$ 61,578,097	\$ 49,804,975	\$ 46,260,932

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 21st 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

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

Division of Engineering
Department of Public Works
2016 - 2021 Six Year Transportation Improvement Program
2016 Annual Construction Program

Hearing Date: 5/26/2015 Adoption Date: 5/26/2020
 Resolution No. 15-0450

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	Wor kMet	Fund Sec	Fund Source	Fed Funds	State Funds	Other Funds	County Funds	P.E.	R.W.	Const	Total
Urban Construction																				
1		Market Street Reconstruction - Houston to Lincoln				3184	I	03	<input type="checkbox"/>	S										
	14	Market Street	Houston Ave.	Lincoln Road	03114		0.87							1,094			53	94	947	1,094
															730		36	63	631	730
		Rehabilitate pavement and add stormwater improvements and sidewalk.															89	157	1,578	1,824
		Prelim. Engineering, Right-of-Way, Construction																		
2		Hawthorne Road Preservation Project				3166	I	06	<input checked="" type="checkbox"/>	S		TCGPWS								
	14	Hawthorne Road	Division Street	US 2	01762		0.48													
		Construct a 4" HMA inlay with sidewalk ramps being upgraded to ADA standards. Parking on north side of road will be eliminated and the roadway will be stripped to a 3-lane section with a two-way left turn lane between Colfax Street and US 2 to the east. The pedestrian crossing at Colfax will rerestriped and have a pedestrian push button rapid flashing crossing signal installed.																		
		Construction																		

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 Department of Public Works
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 2016 Annual Construction Program

Hearing Date: 5/26/2015 Adoption Date: 5/26/2020
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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	Market St Reconst. Project - Parksmith to Farwell Market Street	Parksmith Drive	Farwell Road	03114	3177	1.01	I	03	<input checked="" type="checkbox"/> S	TCGPWS				892	0	0	892	892
													1,339			0	0	1,339	1,339
																0	0	2,231	2,231
		<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 & 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> <p>Construction</p>																	
4	14	Harvard Road Reconstruction Harvard Rd	Euclid Avenue	SR 290	01741	3078	1.60	I	03	<input type="checkbox"/> S					3	0	3	0	3
												18				0	18	0	18
																0	21	0	21
		<p>Reconstruct and widen roadway.</p> <p>Right-of-Way</p>																	
5		Liberty Lake TIF & LIFT				3130		I	01	<input checked="" type="checkbox"/> S						10	0	0	10
																10	0	0	10
		<p>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).</p> <p>Administration</p>																	

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 Department of Public Works
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Dollars in thousands

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

Division of Engineering
 Department of Public Works
 2016 - 2021 Six Year Transportation Improvement Program
 2016 Annual Construction Program

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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	Wor kMet	Fund Sec	Fund Source	Fed Funds	State Funds	Other Funds	County Funds	P.E.	R.W.	Const	Total
Pathway Construction																				
7		ADA Ramp Retrofits					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		Wellesley Avenue Sidewalk Project				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		Arterial Sidewalks & Pathways					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
Pathway Construction Projects Total:																100	10	0	90	100

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

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Program Item	Func Class	Project Name Road Names Work Scope Status	From	To	Road #	Proj #	Envir Len(mi)	Work Type	C Wor O kMet	Fund Sec	Fund Source	Fed Funds	State Funds	Other Funds	County Funds	P.E.	R.W.	Const	Total					
Traffic Safety Improvements																								
11		Safety Data Collection & Evaluation				3198	I	06	<input type="checkbox"/>	S														
										F	<input checked="" type="checkbox"/> County		5			5	0	0	5					
										F	<input checked="" type="checkbox"/> Other Fed	50				50	0	0	50					
		Countywide data collection and evaluation for hit fixed object crashes, for horizontal curves, and for guardrail sections.																			55	0	0	55
		Prelim. Engineering																						
12		Glenrose Rd & Carnahan Rd Safety Improvements				3197	I	03	<input checked="" type="checkbox"/>	S	TCGPW													
	07	Glenrose Road		at Carnahan Road	01537		0.00																	
										C	<input checked="" type="checkbox"/> County		14			4	10	0	14					
										C	<input checked="" type="checkbox"/> Other Fed	437				42	87	308	437					
		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.																			46	97	308	451
		Prelim. Engineering, Right-of-Way, Construction																						
13		Signing Upgrades				3199	I	06	<input type="checkbox"/>	S														
										F	<input checked="" type="checkbox"/> County		5			5	0	0	5					
										C	<input checked="" type="checkbox"/> Other Fed	179				44	0	135	179					
		This project will upgrade signing on horizontal curves, countywide. Upgrades will be prioritized based upon data collection and evaluation.																			49	0	135	184
		Prelim. Engineering, Construction																						

Division of Engineering
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Hearing Date: 5/26/2015 Adoption Date: 5/26/2020
 Resolution No. 15-0450

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	Wor kMet	Fund Sec	Fund Source	Fed Funds	State Funds	Other Funds	County Funds	P.E.	R.W.	Const	Total
14	Safety Improvement Projects	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	10
		Prelim. Engineering, Right-of-Way															9	1	0	10
Traffic Safety Improvements Projects Total:													666			34	159	98	443	700

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Bridge Construction																						
15		Seven Mile Road Bridge #1602 Replacement Project				3164	I	09	<input type="checkbox"/>	S		T										
	07	Seven Mile Road		Br 1602 Over Coulee Cr	04444		0.07									322	0	0	322	322		
												<input checked="" type="checkbox"/> County					0	0	0			
												<input checked="" type="checkbox"/> BR	1,286				0	0	1,286	1,286		
		This project will construct a new prestressed concrete bridge in the footprint of the existing bridge. The new bridge will be approximately 40 ft. wide and 70 feet long with no major changes in the existing alignment.																	0	0	1,608	1,608
		Construction																				
16		Monroe Road Bridge # 2803				3188	I	03	<input type="checkbox"/>	S												
																50	46	4	0	50		
												<input checked="" type="checkbox"/> County					183	16	0			
												<input checked="" type="checkbox"/> BR	199				229	20	0	199		
		Replace bridge over Dragoon Creek.																	0	0	0	249
		Prelim. Engineering, Right-of-Way																				
17		Ritchey Road Bridge #0503				3189	I	03	<input type="checkbox"/>	S												
	09	Ritchey Rd		At Deep Creek	04158		0.96									312	0	0	312	312		
												<input checked="" type="checkbox"/> County					0	0	0			
												<input checked="" type="checkbox"/> BR	1,247				0	0	1,247	1,247		
		Replace existing bridge.																	0	0	1,559	1,559
		Construction																				

Division of Engineering
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 2016 Annual Construction Program

Hearing Date: 5/26/2015 Adoption Date: 5/26/2020
 Resolution No. 15-0450

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	Wor kMet	Fund Sec	Fund Source	Fed Funds	State Funds	Other Funds	County Funds	P.E.	R.W.	Const	Total
18	Small Bridge Improvements	Various roads.					I	11	<input type="checkbox"/>	S										
		Bridge improvements at various locations.									C	<input checked="" type="checkbox"/> County				25	5	0	20	25
		Prelim. Engineering, Construction															5	0	20	25
Bridge Construction Projects Total:													2,732			709	234	20	3,187	3,441

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Rural Construction																			
19		Brooks Road - City Limits to MP 1.87				3194	I	03	<input type="checkbox"/>	S	TCP								
	07	Brooks Road	Medical Lake City Limits	Thorpe Road	00328		1.87												
															39	39	0	0	39
										<input checked="" type="checkbox"/>	County								
										<input checked="" type="checkbox"/>	STP(R)	25				25	0	0	25
		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	64
		Prelim. Engineering																	
20		Bigelow Gulch / Forker Road Interchange				2989A	I	03	<input type="checkbox"/>	S	TCGP								
	06						0.00												
															4,422	0	0	4,422	4,422
										<input checked="" type="checkbox"/>	County								
										<input checked="" type="checkbox"/>	RAP		1,338			0	0	1,338	1,338
										<input checked="" type="checkbox"/>	FMSIB	2,000				0	0	2,000	2,000
		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	7,760
		Construction																	
21		Bigelow Gulch/Forker Connector - Project 2				2620	I	03	<input type="checkbox"/>	S	PT								
	06	Bigelow Gulch Road	Urban Boundary	East Weile Road	00263		1.32												
																0	4	0	4
										<input checked="" type="checkbox"/>	STP(R)	4							
										<input checked="" type="checkbox"/>	RAP		36			0	36	0	36
		Reconstruct and widen to four lanes with shoulders.														0	40	0	40
		Right-of-Way																	

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22	06	Bigelow Gulch/Forker Connector - Project 3 Bigelow Gulch Road	E. Weile Road	Jensen Road	00263	2924	I 1.20	03	<input type="checkbox"/> S		PT																
Reconstruct roadway and widen to four lanes with shoulders.																											
Prelim. Engineering																											
23	06	Bigelow Gulch/Forker Connector - Project 4 Bigelow Gulch Road	Old Argonne Road	Forker Road	00263	2989	I 2.91	03	<input type="checkbox"/> S		TGP																
Reconstruct and widen to a 4-lane road with 8-foot shoulders and a 12 foot median.																											
Right-of-Way																											
24	07	Argonne Road - MP 2.55 to MP 4.13 Argonne Road	MP 2.55	MP 4.13	00091	3193	I 1.88	06	<input type="checkbox"/> S		TCP																
This project will grind and overlay 4" depth of HMA over the roadway including shoulders.																											
Prelim. Engineering																											
25	16	Cheney Spokane Road Retaining Wall Replacement Cheney Spokane	Scribner Road at MP 4.		00579	3186	I 0.00	03	<input type="checkbox"/> S																		
Design and construct a sheet pile retaining wall.																											
Prelim. Engineering																											

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

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Urban Construction																									
1		Bigelow Gulch/Forker Connector - Project 6				2991	S	03	<input checked="" type="checkbox"/>	P		TGP													
	14	Bigelow Gulch Rd	Forker Road	Wellesley Avenue	03788		0.91																		
		Construct 5-lane road urban arterial with curb, sidewalk and traffic signal.															60	50	10	0	60				
		Prelim. Engineering, Right-of-Way																50	10	0	60				
2		Market Street Reconstruction - Houston to Lincoln				3184	I	03	<input type="checkbox"/>	S															
	14	Market Street	Houston Ave.	Lincoln Road	03114		0.87							105											
		Rehabilitate pavement and add stormwater improvements and sidewalk.																		0	0	105	105		
		Construction																	70			0	0	70	70
																	0	0	175	175					
3		Mill Road - Hastings to Wilson					I	03	<input checked="" type="checkbox"/>	S															
	16	Mill Rd	Hastings Road	Wilson Avenue	03036		0.80																		
		The proposed reconstruction project for this 0.80 mile long roadway will construct a 3 1/2" grind and remove, 9" cement treated base that gets into the subgrade and 3 1/2" overlay of HMA over the total roadway. The new paved roadway will be restriped to allow sufficient room for bike lanes on both sides of the roadway where no bike lanes presently exist. There are also traffic signal pedestrian countdown and ADA ramp and ADA sidewalk improvements and a curb realignment to force northbound right turn for the outside lane at the Hastings Road intersection. There will be catch basins added with oil and water seperators to provide pretreatment to stormwater that now enters dry wells on the project. The finished project will extend the roadway life by a minimum of 21 years.																							
		Prelim. Engineering, Construction															231	17	0	214	231				
																				56	0	697	753		
																			73	0	911	984			

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4	16	57th Ave. - Perry to Palouse Pvm't Preservation 57th Avenue	Perry Street	Palouse Highway	06002	3185	1.76	I	06	<input checked="" type="checkbox"/>	S	CWTPG				1,174	59	0	1,115	1,174
												<input checked="" type="checkbox"/> County					59	0	1,115	1,174
		<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	Mill Road - Hastings to Wilson Mill Road	Hastings Road	Wilson Avenue	03036	3195	0.80	I	06	<input checked="" type="checkbox"/>	S	TCGPWS				231	10	0	221	231
												<input checked="" type="checkbox"/> County					63	0	690	753
												<input checked="" type="checkbox"/> STP(U)	753				73	0	911	984
		<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	Monroe Street - Francis Ave. to Greta Ave. 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													
												<input checked="" type="checkbox"/> County				15	15	0	0	15
												<input checked="" type="checkbox"/> STP(U)	93				93	0	0	93
		<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>																		
																	108	0	0	108

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7		Liberty Lake TIF & LIFT				3130	I	01	<input checked="" type="checkbox"/>	S										
															10		10	0	0	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																		
8		Minor Urban Projects					I	06	<input checked="" type="checkbox"/>	S										
																100	10	10	80	100
																	10	10	80	100
		Minor improvements at various locations. Prelim. Engineering, Right-of-Way, Construction																		
												1,599	105	80	1,811	383	20	3,192	3,595	
Urban Construction Projects Total:																				

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Pathway Construction																				
9		Arterial Sidewalks & Pathways					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
10	16	Otis Orchards Elementary School Sidewalk Project	Wellesley Ave.	Arden Road	Lynden Road	05250	I	-0.36	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	58
		Prelim. Engineering, Construction									C	<input type="checkbox"/> SP	444				0	0	444	444
																	43	0	459	502
11		ADA Ramp Retrofits					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
Pathway Construction Projects Total:													444			153	53	0	544	597

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

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Traffic Safety Improvements																						
13		Glenrose Rd & Carnahan Rd Safety Improvements				3197	I	03	<input checked="" type="checkbox"/>	S		TCGPW										
	07	Glenrose Road		at Carnahan Road	01537		0.00															
																	0	0	0	0	0	
													<input checked="" type="checkbox"/> County									
													<input checked="" type="checkbox"/> Other Fed	307							0	
																	0	0	307		307	
		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		Signing Upgrades				3199	I	06	<input type="checkbox"/>	S												
													<input checked="" type="checkbox"/> Other Fed	135							0	
																	0	0	135		135	
		This project will upgrade signing on horizontal curves, countywide. Upgrades will be prioritized based upon data collection and evaluation.																				
		Construction																				
15		Saltese & Sullivan Traffic Signal					I	01	<input checked="" type="checkbox"/>	P		TCGPWS										
							0.00															
													<input type="checkbox"/> Other			188					18	
													<input type="checkbox"/> Spokane Valley			62					6	
																					0	
																					0	
																					170	
																					56	
																					62	
		Install a new signal at this intersection.																				
		Prelim. Engineering, Construction																				
																					24	
																					250	

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

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

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Rural Construction																				
19	06	Bigelow Gulch/Forker Connector - Project 2 Bigelow Gulch Road	Urban Boundary	East Weile Road	00263	2620	1.32	I	03	<input type="checkbox"/>	S	PT								
													20				0	20	0	20
														180			0	180	0	180
																	0	200	0	200
		Reconstruct and widen to four lanes with shoulders.																		
		Right-of-Way																		
20	07	Brooks Road - City Limits to MP 1.87 Brooks Road	Medical Lake City Limits	Thorpe Road	00328	3194	1.87	I	03	<input type="checkbox"/>	S	TCP								
		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	Bigelow Gulch/Forker Connector - Project 4 Bigelow Gulch Road	Old Argonne Road	Forker Road	00263	2989	2.91	I	03	<input type="checkbox"/>	S	TGP								
		Reconstruct and widen to a 4-lane road with 8-foot shoulders and a 12 foot median.																		
		Construction																		
22	06	Bigelow Gulch/Forker Connector - Project 5 Forker Road	Bigelow Gulch Rd (end)	Progress Road	01349	2990	0.95	I	03	<input type="checkbox"/>	S	TGP								
		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	Craig Road Reconst. Project - SR 902 to Thorpe 07 Craig Road		SR 902	Thorpe Road	00653		I 1.33	03	<input type="checkbox"/>	P										
																70	70	0	0	70
													450				450	0	0	450
		Reconstruct and widen to 36 feet from SR 902 to SR 2.															520	0	0	520
		Prelim. Engineering																		
24	Cheney Spokane Road Retaining Wall Replacement 16 Cheney Spokane		Scribner Road at MP 4.		00579	3186	I 0.00	03	<input type="checkbox"/>	S										
																140	0	0	140	140
		Design and construct a sheet pile retaining wall.															0	0	140	140
		Construction																		
25	Minor Rural Projects Various roads						I 0.00	03	<input type="checkbox"/>	S										
																100	10	10	80	100
		Minor improvements at various locations.															10	10	80	100
		Prelim. Engineering, Right-of-Way, Construction																		
Rural Construction Projects Total:												470	3,974	5,150	1,582	1,217	6,795	9,594		

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

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Urban Construction																			
1		Bigelow Gulch/Forker Connector - Project 6				2991	S	03	<input checked="" type="checkbox"/>	P	TGP								
	14	Bigelow Gulch Rd	Forker Road	Wellesley Avenue	03788		0.91												
															50	50	0	0	50
											<input checked="" type="checkbox"/> County					50	0	0	50
		Construct 5-lane road urban arterial with curb, sidewalk and traffic signal.																	
		Prelim. Engineering																	
2		Monroe Street - Francis Ave. to Greta Ave.				3196	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	899
												<input checked="" type="checkbox"/> FMSIB	290			0	0	290	290
		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		Hawthorne Road					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	264
												<input type="checkbox"/> UAP	616			35	0	581	616
		Reconstruct roadway.																	
																50	0	830	880
		Prelim. Engineering, Construction																	

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4		Glenrose Realignment					I	03	<input checked="" type="checkbox"/>	P										
	16	Glenrose Road	37th Avenue	57th Avenue	01537		1.88									69	69	0	0	69
	16	57th Avenue	Palouse Hwy	Glenrose Road	06002		0.25						441				441	0	0	441
		Widen and realign to urban section from Palouse Highway to 37th.															510	0	0	510
		Prelim. Engineering																		
5		Liberty Lake TIF & LIFT				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).															10	0	0	10
		Administration																		
6		Minor Urban Projects					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																		
Urban Construction Projects Total:												1,630	616	10	483	630	10	2,099	2,739	

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Pathway Construction																			
7		Arterial Sidewalks & Pathways					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
8		Separated Sp. River Centennial Trail at Carlson Rd					I	01	<input type="checkbox"/>	P									
		Construct a 12' wide asphalt pathway from Carlson Road to Old Charles Road.								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
		Prelim. Engineering, Right-of-Way, Construction														50	5	455	510
9		ADA Ramp Retrofits					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
Pathway Construction Projects Total:												441		10	154	60	5	540	605

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

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

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

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

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16	07	Craig Road Reconst Project - Thorpe to McFarlane Craig Road	Thorpe Road	McFarlane	00654		1.00	I	03	<input type="checkbox"/>	P					26	26	0	0	26
														234			234	0	0	234
		Reconstruct Craig Road.															260	0	0	260
		Prelim. Engineering																		
17	07	Craig Road Reconst. Project - SR 902 to Thorpe Craig Road	SR 902	Thorpe Road	00653		1.33	I	03	<input type="checkbox"/>	P					65	0	65	0	65
													415				0	415	0	415
		Reconstruct and widen to 36 feet from SR 902 to SR 2.															0	480	0	480
		Right-of-Way																		
18	07	Argonne Road - MP 2.55 to MP 4.13 Argonne Road	MP 2.55	MP 4.13	00091	3193	1.88	I	06	<input type="checkbox"/>	S	TCP				214	0	0	214	214
													1,373				0	0	1,373	1,373
		This project will grind and overlay 4" depth of HMA over the roadway including shoulders.															0	0	1,587	1,587
		Construction																		
19	07	Brooks Road - City Limits to MP 1.87 Brooks Road	Medical Lake City Limits	Thorpe Road	00328	3194	1.87	I	03	<input type="checkbox"/>	S	TCP				15	0	15	0	15
																	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																		

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

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

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Urban Construction																							
1		Bigelow Gulch/Forker Connector - Project 6				2991	S	03	<input checked="" type="checkbox"/>	P		TGP											
	14	Bigelow Gulch Rd	Forker Road	Wellesley Avenue	03788		0.91									1,004	159	845	0	1,004			
												<input checked="" type="checkbox"/> County				1,505	238	1,267	0	1,505			
												<input type="checkbox"/> UAP							0				
		Construct 5-lane road urban arterial with curb, sidewalk and traffic signal.																		397	2,112	0	2,509
		Right-of-Way																					
2		Glenrose Realignment					I	03	<input checked="" type="checkbox"/>	P													
	16	Glenrose Road	37th Avenue	57th Avenue	01537		1.88									73	0	73	0	73			
	16	57th Avenue	Palouse Hwy	Glenrose Road	06002		0.25												0	467			
												<input checked="" type="checkbox"/> County				467	0	467	0	467			
												<input type="checkbox"/> STP(U)							0	540			
		Widen and realign to urban section from Palouse Highway to 37th.																					
		Right-of-Way																					
3		Liberty Lake TIF & LIFT				3130	I	01	<input checked="" type="checkbox"/>	S													
																10	10	0	0	10			
												<input checked="" type="checkbox"/> Other							10	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																					

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

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

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Pathway Construction Projects Total:												358	161		262	91	0	690	781

Road Improvement Districts

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

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

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

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Rural Construction																				
12		Craig Road Reconst. Project - SR 902 to Thorpe																		
	07	Craig Road	SR 902	Thorpe Road	00653		1.33	I	03	<input type="checkbox"/>	P									
																568	0	0	568	568
																	0	0	3,641	3,641
																	0	0	4,209	4,209
		Reconstruct and widen to 36 feet from SR 902 to SR 2.																		
		Construction																		
13		Craig Road Reconst Project - Thorpe to McFarlane																		
	07	Craig Road	Thorpe Road	McFarlane	00654		1.00	I	03	<input type="checkbox"/>	P									
																24	0	24	0	24
														216			0	216	0	216
																	0	240	0	240
		Reconstruct Craig Road.																		
		Right-of-Way																		
14		Bigelow Gulch/Forker Connector - Project 2				2620														
	06	Bigelow Gulch Road	Urban Boundary	East Weile Road	00263		1.32	I	03	<input type="checkbox"/>	S									
																	0	0	1,699	1,699
														785			0	0	785	785
														8,988			0	0	8,988	8,988
																	0	0	1,690	1,690
																	0	0	13,162	13,162
		Reconstruct and widen to four lanes with shoulders.																		
		Construction																		

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

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

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

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Program Item	Func Class	Project Name Road Names Work Scope Status	From	To	Road #	Proj #	Envir Len(mi)	Work Type	C O	Wor kMet	Fund Sec	Fund Source	Fed Funds	State Funds	Other Funds	County Funds	P.E.	R.W.	Const	Total
4	14	Harvard Road Reconstruction Harvard Rd	Euclid Avenue	SR 290	01741	3078	1.60	I	03	<input type="checkbox"/>	S					155	9	146	0	155
											<input checked="" type="checkbox"/> County					61	937	0	998	998
											<input type="checkbox"/> STP(U)	998				70	1,083	0	1,153	1,153
		Reconstruct and widen roadway.																		
		Prelim. Engineering, Right-of-Way																		
5		Liberty Lake TIF & LIFT				3130		I	01	<input checked="" type="checkbox"/>	S									
											<input checked="" type="checkbox"/> Other		20			10	0	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	0	20
6		Minor Urban Projects						I	06	<input checked="" type="checkbox"/>	S									
											<input checked="" type="checkbox"/> County					100	10	10	80	100
		Minor improvements at various locations.																		
																10	10	80	100	100
		Prelim. Engineering, Right-of-Way, Construction																		
Urban Construction Projects Total:												10,124	995	20	960	162	1,093	10,844	12,099	

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 2020 Annual Construction Program

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Pathway Construction																				
7		ADA Ramp Retrofits					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		Arterial Sidewalks & Pathways					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
Pathway Construction Projects Total:																95	10	0	85	95

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

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

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

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

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

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Urban Construction																				
1	14	Harvard Road Reconstruction Harvard Rd	Euclid Avenue	SR 290	01741	3078	I 1.60	03	<input type="checkbox"/>	S						1,743	0	0	1,743	1,743
													3,252				0	0	3,252	3,252
															279		0	0	279	279
		Reconstruct and widen roadway.															0	0	5,274	5,274
		Construction																		
2	07	Craig Road Preservation Project Craig Rd	McFarlane Road	US Highway 2	00654		I 1.00	06	<input type="checkbox"/>	P		PWGTCS				156	0	0	156	156
													626				0	0	626	626
		This project will widen the existing roadway from 22' to 24' with 2' wide paved shoulders on both sides.															0	0	782	782
		Construction																		
3		Liberty Lake TIF & LIFT				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).															10	0	0	10
		Administration																		

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

Pathway Construction

4	Arterial Sidewalks & Pathways																			
							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																			
Pathway Construction Projects Total:												40	5	0	35	40				

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

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

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

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

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

**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