

YAKIMA COUNTY ROADS



ANNUAL ROAD CONSTRUCTION PROGRAM 2020

COUNTY COMMISSIONERS

Michael D. Leita

Ron Anderson

Norm Childress

COUNTY ENGINEER

Matt Pietrusiewicz, P.E.

**YAKIMA COUNTY
ANNUAL ROAD CONSTRUCTION PROGRAM**

2020

INDEX

ADOPTION RESOLUTION No. 451- 2019	PAGE 1
ER&R 2019 EQUIPMENT PURCHASES	PAGE 2
2019 ROAD FUND BUDGET	PAGE 3
ROAD, BRIDGE AND CULVERT INVENTORY	PAGE 4 - 5
LEGEND	PAGE 6
LISTING OF ROAD AND BRIDGE PROJECTS	PAGES 7 - 8
FUNDING BREAKDOWN	PAGE 9

BOARD OF YAKIMA COUNTY COMMISSIONERS

IN THE MATTER OF ADOPTING)
THE YAKIMA COUNTY 2020 ROAD) RESOLUTION 451-2019
CONSTRUCTION PROGRAM, AS)
REQUIRED BY W.A.C. 136-16)
AND THE 2020 ER&R EQUIPMENT)
REPLACEMENT LIST)

WHEREAS, the County Engineer has prepared and did submit to the Board of County Commissioners of Yakima County, Washington, the Yakima County 2020 Road Construction Program, and the attached ER&R 2020 Equipment Replacement List; and,

WHEREAS, the Board has reviewed the Yakima County 2020 Road Construction Program and the ER&R 2020 Equipment Replacement List with the County Engineer; now, therefore,

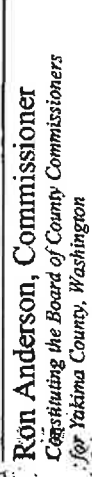
BE IT HEREBY RESOLVED by the Board of County Commissioners of Yakima County, Washington, that the attached Yakima County 2020 Road Construction Program and ER&R 2020 Equipment Replacement List, as prepared by the County Engineer, are hereby adopted.

DONE this 17th day of December 2019


Michael D. Leita, Chairman


Norm Childress, Commissioner

EXCUSED


Ron Anderson, Commissioner

Constituting the Board of County Commissioners
for Yakima County, Washington




Attest: Melissa Paul, Clerk of the Board

2020 ER&R Projected Equipment Purchases

Equipment	Department	#	Est. Cost
Small SUV	Assessors	1	\$ 30,000
Pickup Truck	County Road	7	\$ 300,000
Truck Tractor	County Road	1	\$ 160,000
Motor Grader	County Road	3	\$ 660,000
Dump Truck	County Road	2	\$ 500,000
Water Truck	County Road	2	\$ 290,000
Transport Van	Corrections	3	\$ 120,000
ATV-Gator	Solid Waste	2	\$ 56,000
Compactor	Solid Waste	1	\$ 1,000,000
Loader	Solid Waste	1	\$ 290,000
OTR-Truck	Solid Waste	2	\$ 320,000
Pursuit Vehicle	Sheriff's Office	7	\$ 315,000
Traffic Motorcycle	Sheriff's Office	1	\$ 40,000
			\$ 4,081,000

**YAKIMA COUNTY
2020 ROAD FUND BUDGET**

ADOPTED:

REVENUES:

SOURCE	2020 BUDGET
ESTIMATED CASH CARRY OVER - IN (Total Cash)	\$3,750,000
COUNTY ROAD LEVY	\$13,027,073
FEDERAL FOREST	\$235,000
STATE GAS TAX	\$6,461,133
OTHER LOCAL DIRECT REVENUE	\$190,239
SUBTOTAL, "LOCAL REVENUE"	\$23,663,445
County Road Administration Board County Arterial Preservation Program	\$1,095,402
County Road Administration Board Rural Arterial Program	\$90,000
Transportation Improvement Board Urban Arterial Program	\$4,146,000
SUBTOTAL, "STATE FUNDS"	\$5,331,402
County Road Funds	\$1,768,600
Debt Issue	\$5,000,000
SUBTOTAL, "OTHER REVENUE"	\$6,768,600
TOTAL REVENUE	\$35,763,447

EXPENDITURES:

	2020 BUDGET
CONSTRUCTION EXPENSES (County Road Funds)	\$6,624,600
CONSTRUCTION EXPENSES (Other Funds)	\$7,104,600
SUBTOTAL, "CONSTRUCTION EXPENSES"	\$13,729,200
MAINTENANCE EXPENDITURE BUDGET	\$10,995,300
ADMINISTRATION EXPENDITURE BUDGET	\$2,575,554
OPERATIONS EXPENSE BUDGET, Incl. RISK MANAGEMENT	\$1,715,829
DEBT SERVICE BUDGET	\$705,596
TRAFFIC POLICING BUDGET	\$519,680
TOTAL EXPENDITURE BUDGET	\$30,241,159
CARRYOUT (Total Cash)	\$5,522,288

TOTALS FOR 2019

COUNTY ROAD TYPE	YAKIMA COUNTY MILEAGE TOTALS as of August 28, 2019								
	COUNTY WIDE (NON-IND)			INDIAN RESERVATION			GRAND TOTALS		
	ARTERIALS	ACCESS	TOTALS	ARTERIALS	ACCESS	TOTALS	ARTERIALS	ACCESS	TOTALS
UNIMPROVED			0.00			0.00	0.00	0.00	0.00
GRADED & DRAINED			0.00			0.00	0.00	0.00	0.00
GRAVEL	14.17	319.69	333.86	7.67	200.86	208.53	21.84	520.55	542.39
BST	453.63	250.15	703.78	191.71	88.72	280.43	650.50	339.19	989.69
ASPHALT/ HMA	57.42	34.33	91.75	20.71	4.65	25.36	64.44	34.47	98.91
CONCRETE			0.00	2.93		2.93	2.93	0.00	2.93
TOTALS	525.22	604.17	1129.39	223.02	294.23	517.25	739.71	894.21	1633.92

LM-O Mileage Before Approval from State

COUNTY ROAD TYPE	FUNCTIONAL CLASSIFICATION as of August 28, 2019											
	PRINCIPAL ARTERIAL (14)	MINOR ARTERIAL (16)	MAJOR COLLECTOR (17)	MINOR COLLECTOR (18)	URBAN ACCESS (19)	URBAN TOTALS	MINOR ARTERIAL (06)	MAJOR COLLECTOR (07)	MINOR COLLECTOR (08)	RURAL ACCESS (09)	RURAL TOTALS	GRAND TOTALS
	UNIMPROVED						0.00					0.00
GRADED & DRAINED						0.00					0.00	0.00
GRAVEL				0.50	0.00	0.50			21.34	478.69	500.03	500.53
BST		29.00	36.48	8.40	55.60	129.48	3.15	255.71	312.60	283.27	854.73	984.21
ASPHALT/ HMA	9.05	6.88	9.39	17.92	11.18	54.42	1.20	46.48	3.22	11.79	62.69	117.11
CONCRETE						0.00		2.93			2.93	2.93
TOTALS	9.05	35.88	45.87	26.82	66.78	184.40	4.35	305.12	337.16	773.75	1420.38	1604.78

YAKIMA COUNTY BRIDGES												as of August 28, 2019	
BRIDGE TYPE	PA	MA	MAC	MIC	ACCESS	URBAN TOTAL	MA	MAC	MIC	ACCESS	RURAL TOTAL	GRAND TOTAL	
	(14)	(16)	(17)	(18)	(19)		(06)	(07)	(08)	(09)			
CONCRETE	1	3	7		5	16	2	60	76	104	242	258	
STEEL			1		3	4		3	6	7	16	20	
WOOD					2	2		5	3	19	27	29	
ALUMINUM						0		1			1	1	
TOTAL	1	3	8	0	10	22	2	69	85	130	286	308	

YAKIMA COUNTY SHORT SPAN BRIDGES												as of August 28, 2019	
SHORT SPAN/ BRIDGE TYPE	PA	MA	MAC	MIC	ACCESS	URBAN TOTAL	MA	MAC	MIC	ACCESS	RURAL TOTAL	GRAND TOTAL	
	(14)	(16)	(17)	(18)	(19)		(06)	(07)	(08)	(09)			
CONCRETE	1		2			3	4	34	54	85	177	180	
STEEL					2	2	2	5	7	26	40	42	
WOOD						0	2	3	3	33	41	41	
ALUMINUM						0			1	3	4	4	
TOTAL	1	0	2	0	2	5	8	42	65	147	262	267	

Annual Road Construction Program Legend

Line (A): Total amount of Construction work to be performed. The sum of Column (13) and (14).

Line (B): The maximum dollar amount of construction work that can be performed by County Forces computed according to RCW 36.77.05

Line (B): The total amount construction proposed to be accomplished using County Forces.

Column (1): The Annual Program number. A consecutive number beginning with 1. No priority is assumed.

Column (2): The project priority number listed in the current adopted 6-Year Transportation Improvement Program.

Column (3): The project name and County Road Project number (if assigned).

Column (4): The Road Segment information for each segment of road involved in the project.
Road # : A unique road identification number from the County Road Log.
BMP, EMP: Beginning and ending mile points for the segment.
FFC: Federal Functional Classification:

<u>Rural</u>	<u>Urban</u>
06 – Minor Arterial	14 – Principal Arterial (Other)
07 – Major Collector	16 – Minor Arterial
08 – Minor Collector	17 – Collector Arterial
09 – Local Access	19 – Local Access

Funding Program Source Codes; Column (11):

BLM – Federal Bureau of Land Management funds.
BR – Federal Bridge Replacement / Rehabilitation funds.
CAPP – County Arterial Preservation Program funds.
City – City participation in joint City / County Projects.
CMAQ – Federal Congestion Mitigation and Air Quality program funds.
County – Other non-County Road funds.
CW – Connecting Washington Account.
ER – Federal Emergency Relief funds.
HSIP – Federal Highway Safety Improvement Program funds.
HSIP(SR) – Federal Highway Safety Improvement Program Safe Routes to School funds.
NHS – Federal National Highway System funds.
PWTF – Public Works Trust Fund loan funds.
RAP – County Rural Arterial Program funds.

Column (5): Total length of road(s) to be improved in miles.

Column (6): The type of work to be performed:

NA – New Alignment	RC - Reconstruction
3R – Rehabilitate, Resurface, Restore	
2R – Resurface and Restore	FA – Federal Aid Bridge
Br – Short-span or other Bridge	DR – Drainage Structure
HMA – Asphalt Overlay	IS – Intersection
Safety – Safety Improvements	SW – Sidewalks, ADA
P&T – Paths, Trails, Bikeways	FP – Fish Passage
Illm – Illumination	Other – Other work

Column (7): The level of Environmental impacts anticipated (SEPA / NEPA):

I – Insignificant; No EIS
S – Significant; EIS Likely
E – Categorically Exempt

Column (8): The amount of local County Road Funds anticipated to be spent on the project.

Column (9): The amount of other Funds anticipated to be spent on the project (see below for a partial listing).

Columns (11) – (15): A listing of anticipated project expenditures by the project phase.

PE & CE - Preliminary and Construction Engineering.
R/W - Right of Way Acquisition activities.
Construction - Contract Construction or County Forces Construction activities.

SRF – Salmon Recovery Funding Board funds.
SRTS – State Safe Routes to School Program funds.
STP (BR) – Federal Surface Transportation Program, Bridge funds.
STP (E) – Federal Surface Transportation Program, Enhancement funds.
STP (R) – Federal Surface Transportation Program, Rural funds.
STP (UL) – Federal Surface Transportation Program, Large Urban funds.
STP (US) – Federal Surface Transportation Program, Small Urban funds.
TAP (R) – Federal Transportation Alternatives Program, Rural funds.
TAP (SR) – Federal Transportation Alternatives Program, Safe Routes to School funds.
TAP (UL) – Federal Transportation Alternatives Program, Large Urban funds.
TAP (US) – Federal Transportation Alternatives Program, Small Urban funds.
UAP – State Transportation Improvement Board Urban Arterial Program.
UCP – State Transportation Improvement Board Urban Corridor Program.

Yakima County
2020
Preliminary Annual Construction Program
WAC 136-16

(A) TOTAL CONSTRUCTION DONE (13) + (14): \$9,884,200
 (B) COMPUTED COUNTY FORCES LIMIT: \$1,822,730
 (C) TOTAL COUNTY FORCES CONSTRUCTION (14): \$0

Date of Environmental Assessment: 10/24/2019
 Date of Final Adoption: 12/17/2019
 Ordinance/Resolution Number: 451-2019

(1)	(2)	(3)	(4)				(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Annual Program Item No.	6 Year Program Item No.	Project Name	Road Segment Information				Project Length (mi.)	Type of Work Code	Environmental Assessment	Sources of Funds			Estimated Expenditures				
			Road #	Road Name	BMP	EMP				FFC	County Road Funds	Other Funds		PE & CE	Right of Way	Contract Construction	County Forces Construction
1	1	East - West Corridor; C3446	45200	Road Name: East - West Corridor From: I-82 Turnback Limits To: End of N. Keys Road	0	1.05	16	1.05	NA P&T Br	I	\$1,120,600	\$691,000 County \$77,600 City \$2,600,000 UAP	\$950,000	\$1,650,000	\$1,889,200	\$0	\$4,489,200
2	2	Ahtanum Road; C3566	30260	Road Name: Ahtanum Road From: S. 26th Avenue Vicinity To: S. 52nd Avenue Vicinity	3.42	5.04	16	1.62	RC P&T	I	\$1,359,000	\$906,000 UAP	\$60,000	\$205,000	\$2,000,000	\$0	\$2,265,000
3	3	Butterfield Road; C3368	45050	Road Name: Butterfield Road From: Terrace Heights Drive To: Hartford Road Vicinity	0	0.45	17	0.45	RC SW	I	\$640,000	\$1,434,598 UAP	\$50,000	\$0	\$2,024,598	\$0	\$2,074,598
4	5	Roza Hill Drive	44000	Road Name: Roza Hill Drive From: S. 58th Street Vicinity To: Wendt Road	0.97	1.92	17	0.95	2R	I	\$5,000		\$5,000	\$0	\$0	\$0	\$5,000
5	6	Beaudry / Bittner Intersection; C3502	42250 42400 41640	Road Name: Beaudry Road From: Norman Road To: 800 feet South of Norman Road Road Name: Norman Road From: 800 ft. West of Beaudry Road To: Beaudry Road Road Name: Bittner Road From: MP 0.98 To: MP 1.15	0 1.52 0.98	0.15 1.67 1.15	17 16 9	0.47	NA IS Br	I	\$20,000		\$20,000	\$0	\$0	\$0	\$20,000
6	7	Old Naches Highway; C3524	10050	Road Name: Old Naches Highway From: Pence Road To: Mapleway Road	0.04	0.86	16	0.82	RC	I	\$5,000		\$5,000	\$0	\$0	\$0	\$5,000
7	15	Independence Road; C3567	60320	Road Name: Independence Road From: Fordyce Road To: Maple Grove Road	3.05	4.09	7	1.04	3R	I	\$10,000	\$90,000 RAP	\$30,000	\$70,000	\$0	\$0	\$100,000
8	16	Independence Road; Cxxxx	60320	Road Name: Independence Road From: N. Outlook Road To: Fordyce Road	1.55	3.05	7	1.5	3R	I	\$30,000		\$30,000	\$0	\$0	\$0	\$30,000
9	20	Old Naches Hwy. Bridge #460; Cxxxx	10050	Road Name: Old Naches highway From: MP 5.97 To: MP 6.03	5.97	6.03	7	0.06	Br	I	\$10,000		\$10,000	\$0	\$0	\$0	\$10,000
10	21	Countywide Traffic Operations / Signal Upgrades					0		Other	E	\$65,000		\$15,000	\$0	\$50,000	\$0	\$65,000
11	22	Countywide Safety / Guardrail Projects					0		Safety	E	\$50,000		\$5,000	\$0	\$45,000	\$0	\$50,000
12	23	Countywide Short Span Bridge Replacement					0		Br	I	\$250,000		\$25,000	\$0	\$225,000	\$0	\$250,000
13	24	Countywide Sidewalk ADA Retrofit Program					0		SW	E	\$100,000		\$25,000	\$0	\$75,000	\$0	\$100,000
14	25	Countywide Overlay Program							HMA	E	\$400,000	\$1,095,402 CAPP	\$25,000	\$0	\$1,470,402	\$0	\$1,495,402

Annual Program Item No.	6 Year Program Item No.	Project Name	Road Segment Information				Project Length (mi.)	Type of Work Code	Environmental Assessment	Sources of Funds		Estimated Expenditures					
			Road #	Road Name	BMP	EMP				FFC	County Road Funds	Other Funds	PE & CE	Right of Way	Contract Construction	County Forces Construction	Grand Total
		Countywide Priority Program					0			\$200,000		\$200,000				\$200,000	
15	26	Collins Road; C3675	12750	Road Name: Collins Road From: Grabenstein Road To: End	0.64	1.74	9	1.1	RC	I	\$960,000		\$15,000	\$120,000	\$825,000	\$0	\$960,000
16	28	Poulin Road; C3675	12790	Road Name: Poulin Road From: Parish Road To: Collins Road	0	0.41	9	0.41	RC	I	\$350,000		\$5,000	\$15,000	\$330,000	\$0	\$350,000
17	27	Grabenstein Road; C3675	12850	Road Name: Grabenstein Road From: Collins Road To: Parrish Road	0	0.22	9	0.22	RC	I	\$60,000		\$10,000	\$50,000	\$0	\$0	\$60,000
18	29	Parish Road; C3675	12820	Road Name: Parish From: Selah Loop Road To: End of Gravel	0	0.86	9	0.86	RC	I	\$120,000		\$10,000	\$110,000	\$0	\$0	\$120,000
19	30	Selah Ridge Road; C3675	12190	Road Name: Selah Ridge Road From: Collins Road To: End	0	0.29	9	0.29	RC	I	\$20,000		\$20,000	\$0	\$0	\$0	\$20,000
20	4	Terrace Heights Drive	40500	Road Name: Terrace Heights Drive From: To:			14		IS	I	\$0	\$ 1,000,000 County \$ 200,000 Pvt	\$50,000	\$200,000	\$950,000	\$0	\$1,200,000
21	14	Yakima Valley Hwy	61120	Road Name: Yakima Valley Highway From: 500 feet west of Gurley Road To: 500 feet east of Gurley Road			7		IS	I	\$50,000		\$50,000	\$0	\$0	\$0	\$50,000
22	19	North Fork Road Bridge #109	30000	Road Name: North Fork Road From: To:			8		Br	I	\$10,000		\$10,000	\$0	\$0	\$0	\$10,000
										\$5,634,600	\$8,094,600	\$1,425,000	\$2,420,000	\$9,884,200	\$0	\$13,729,200	

Program Source	Total
County Road Administration Board County Arterial Preservation Program	\$1,095,402
Joint City Projects	\$77,600
Other County Funds (SIED, GO Bond)	\$1,691,000
County Road Administration Board Rural Arterial Program	\$90,000
Transportation Improvement Board Urban Arterial Program	\$4,940,598
Connecting Washington Account	\$0
County Road Funds	\$5,634,600
Private/Cost Share	\$200
Grand Total	\$13,529,400