

YAKIMA COUNTY ROADS



ANNUAL ROAD CONSTRUCTION PROGRAM

2021

COUNTY COMMISSIONERS

Ron Anderson

Amanda McKinney

LaDon Linde

COUNTY ENGINEER

Matt Pietrusiewicz, P.E.

**YAKIMA COUNTY
ANNUAL ROAD CONSTRUCTION PROGRAM**

2021

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**BOARD OF YAKIMA COUNTY COMMISSIONERS
RESOLUTION**

**IN THE MATTER OF ADOPTING
THE YAKIMA COUNTY 2021 ROAD
CONSTRUCTION PROGRAM, AS
REQUIRED BY W.A.C. 136-16
AND THE 2021 ER&R EQUIPMENT
REPLACEMENT LIST**

378-2020


WHEREAS, the County Engineer has prepared and did submit to the Board of County Commissioners of Yakima County, Washington, the Yakima County 2021 Road Construction Program, and the attached ER&R 2021 Equipment Replacement List; **and**,

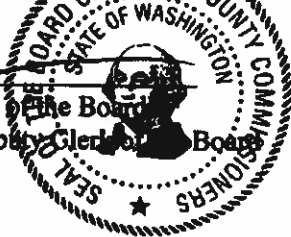
WHEREAS, the Board has reviewed the Yakima County 2021 Road Construction Program and the ER&R 2021 Equipment Replacement List with the County Engineer; **now**, therefore,

BE IT HEREBY RESOLVED by the Board of County Commissioners of Yakima County, Washington, that the attached Yakima County 2021 Road Construction Program and ER&R 2021 Equipment Replacement List, as prepared by the County Engineer, are hereby adopted.

DONE **DEC 15 2020**

Attest:


Julie Lawrence, Clerk of the Board
Linda Kay O'Hara, Deputy Clerk of the Board




Ron Anderson, Chairman


Amanda McKinney, Commissioner


LaDon Linde Commissioner
*Constituting the Board of County Commissioners
for Yakima County, Washington*

2021 ER&R Projected Equipment Purchases

Equipment	Department	#	Est. Cost
Survey Truck	County Road	2	\$ 112,000
Tanker Truck	County Road	2	\$ 360,000
Pursuit Vehicle	Sheriff's Office	8	\$ 400,000
D-9 Landfill Dozer	Solid Waste	1	\$ 1,100,000
Loader	Solid Waste	2	\$ 600,000
Atv-Gator	Solid Waste	1	\$ 28,000
			\$ 2,600,000

**YAKIMA COUNTY
2021 ROAD FUND BUDGET**

ADOPTED: 12/15/2020

REVENUES:

SOURCE	2021 BUDGET
ESTIMATED CASH CARRY OVER - IN (Total Cash)	\$4,500,000
COUNTY ROAD LEVY	\$11,830,331
FEDERAL FOREST	\$500,000
STATE GAS TAX	\$6,790,404
OTHER LOCAL DIRECT REVENUE	\$144,300
SUBTOTAL, "LOCAL REVENUE"	\$23,765,035
County Road Administration Board County Arterial Preservation Program	\$1,060,293
County Road Administration Board Rural Arterial Program	\$90,000
Transportation Improvement Board Urban Arterial Program	\$4,000,000
SUBTOTAL, "STATE FUNDS"	\$5,150,293
Other Local Project Revenue (PWTF, SIED, ETC.)	\$4,950,000
Debt Issue	\$5,000,000
SUBTOTAL, "OTHER REVENUE"	\$9,950,000
TOTAL REVENUE	\$38,865,328

EXPENDITURES:

	2021 BUDGET
CONSTRUCTION EXPENSES (County Road Funds)	\$8,410,000
CONSTRUCTION EXPENSES (Other Funds)	\$10,185,000
SUBTOTAL, "CONSTRUCTION EXPENSES"	\$18,595,000
MAINTENANCE EXPENDITURE BUDGET	\$11,029,000
ADMINISTRATION EXPENDITURE BUDGET	\$2,594,998
OPERATIONS EXPENSE BUDGET, Incl. RISK MANAGEMENT	\$1,694,341
DEBT SERVICE BUDGET	\$321,233
TRAFFIC POLICING BUDGET	\$527,475
TOTAL EXPENDITURE BUDGET	\$34,762,047
CARRYOUT (Total Cash)	\$4,103,281

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			0.00	
GRADED & DRAINED			0.00			0.00	0.00	0.00	0.00			0.00	
GRAVEL	14.17	319.69	333.86	7.67	200.86	208.53	21.94	520.55	542.39			542.39	
BST	453.63	250.15	703.78	191.71	98.72	280.43	650.50	339.19	989.69			989.69	
ASPHALT/HMA	57.42	34.33	91.75	20.71	4.65	25.36	64.44	34.47	98.91			98.91	
CONCRETE			0.00	2.93		2.93	2.93	0.00	2.93			2.93	
TOTALS	625.22	604.17	1229.39	223.02	294.23	517.25	739.71	894.21	1633.92			1633.92	

LM-O Mileage Before Approval from State

COUNTY ROAD TYPE	FUNCTIONAL CLASSIFICATION										as of August 28, 2019													
	PRINCIPAL ARTERIAL		MINOR ARTERIAL		MAJOR COLLECTOR		MINOR COLLECTOR		URBAN ACCESS		URBAN TOTALS		MINOR ARTERIAL		MAJOR COLLECTOR		MINOR COLLECTOR		RURAL ACCESS		RURAL TOTALS		GRAND TOTALS	
	(14)	(16)	(17)	(18)	(19)	TOTALS	(06)	(07)	(08)	(09)	TOTALS	(09)	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	
UNIMPROVED						0.00					0.00											0.00		0.00
GRADED & DRAINED						0.00					0.00											0.00		0.00
GRAVEL				0.50	0.00	0.50					21.34											478.69		500.03
BST		29.00	36.48	8.40	56.60	129.48	3.15	255.71	312.60	283.27	854.73	984.21										283.27		854.73
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										11.79		62.69
CONCRETE						0.00		2.93			2.93													2.93
TOTALS	9.05	36.88	45.87	26.82	66.78	184.40	4.35	305.12	337.16	773.75	1420.38	1804.78										773.75		1420.38

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	268
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	64	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).	Column (5):	Total length of road(s) to be improved in miles.										
Line (B):	The maximum dollar amount of construction work that can be performed by County Forces computed according to RCW 36.77.05	Column (6):	The type of work to be performed: <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> NA – New Alignment 3R – Rehabilitate, Resurface, Restore 2R – Resurface and Restore FA – Federal Aid Bridge Br – Short-span or other Bridge HMA – Asphalt Overlay Safety – Safety Improvements P&T – Paths, Trails, Bikeways Illum – Illumination </td> <td style="width: 50%;"> RC - Reconstruction DR – Drainage Structure IS – Intersection SW – Sidewalks, ADA FP – Fish Passage Other – Other work </td> </tr> </table>	NA – New Alignment 3R – Rehabilitate, Resurface, Restore 2R – Resurface and Restore FA – Federal Aid Bridge Br – Short-span or other Bridge HMA – Asphalt Overlay Safety – Safety Improvements P&T – Paths, Trails, Bikeways Illum – Illumination	RC - Reconstruction DR – Drainage Structure IS – Intersection SW – Sidewalks, ADA FP – Fish Passage Other – Other work								
NA – New Alignment 3R – Rehabilitate, Resurface, Restore 2R – Resurface and Restore FA – Federal Aid Bridge Br – Short-span or other Bridge HMA – Asphalt Overlay Safety – Safety Improvements P&T – Paths, Trails, Bikeways Illum – Illumination	RC - Reconstruction DR – Drainage Structure IS – Intersection SW – Sidewalks, ADA FP – Fish Passage Other – Other work												
Line (B):	The total amount construction proposed to be accomplished using County Forces.	Column (7):	The level of Environmental Impacts anticipated (SEPA / NEPA): 1 – Insignificant; No EIS S – Significant, EIS Likely E – Categorically Exempt										
Column (1):	The Annual Program number. A consecutive number beginning with 1. No priority is assumed.	Column (8):	The amount of local County Road Funds anticipated to be spent on the project.										
Column (2):	The project priority number listed in the current adopted 6-Year Transportation Improvement Program.	Column (9):	The amount of other Funds anticipated to be spent on the project (see below for a partial listing).										
Column (3):	The project name and County Road Project number (if assigned).	Columns (11) – (15):	A listing of anticipated project expenditures by the project phase. PE & CE - Preliminary and Construction Engineering. ROW - Right of Way Acquisition activities. Construction - Contract Construction or County Forces Construction activities.										
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: <table border="0" style="width: 100%; margin-left: 20px;"> <tr> <td style="width: 50%;"><u>Rural</u></td> <td style="width: 50%;"><u>Urban</u></td> </tr> <tr> <td>06 – Minor Arterial</td> <td>14 – Principal Arterial (Other)</td> </tr> <tr> <td>07 – Major Collector</td> <td>16 – Minor Arterial</td> </tr> <tr> <td>08 – Minor Collector</td> <td>17 – Collector Arterial</td> </tr> <tr> <td>09 – Local Access</td> <td>19 – Local Access</td> </tr> </table>	<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		
<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. CMAAQ – 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. PWTTF – Public Works Trust Fund loan funds. RAP – County Rural Arterial Program funds.	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.
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Yakima County
2021
Preliminary Annual Construction Program
MAAC 198-16

(A) TOTAL CONSTRUCTION DONE (13) + (14): \$13,390,000
 (B) COMPUTED COUNTY FORCES LIMIT: \$1,822,730
 (C) TOTAL COUNTY FORCES CONSTRUCTION (14): \$0

Date of Environmental Assessment: 11/3/2020
 Date of Final Adoption: 12/15/2020
 Ordinance/Resolution Number: 378-2020

(1)	(2)	(3)	(4)			(5)	(6)	(7)	(8)	(9)			(10)					(15)			
			Road #	Road Name	BMP					EMP	FPG	Project Length (mi.)	Type of Work Code	Environmental Assessment	County Road Funds	Other Funds	County		City	UAP	PE & CE
1	1	East - West Corridor; C3446	43200	Road Name: East - West Corridor From: I-82 Truckee Limits To: End of N. Keys Road	0	1.05	16	NA	I	\$3,450,000	\$1,500,000	County				\$2,000,000	\$2,000,000	\$3,650,000	\$0	\$7,650,000	
				Road Name: Altium Road From: S. 20th Avenue Vicinity To: S. 32nd Avenue Vicinity	3.42	5.04	16	1.62	P&T	I	\$1,500,000	\$1,000,000	UAP				\$200,000	\$100,000	\$2,200,000	\$0	\$2,500,000
2	2	Altium Road; C3566	42500	Road Name: Butterfield Road From: Terrace Heights Drive To: Hartford Road Vicinity	0	0.45	17	RC	I	\$640,000	\$1,500,000	UAP				\$100,000	\$0	\$2,040,000	\$0	\$2,140,000	
			44000	Road Name: Roza Hill Drive From: S. 58th Street Vicinity To: Winford Road	0.97	1.92	17	0.95	2R	I	\$5,000						\$5,000	\$0	\$0	\$0	\$5,000
3	3	Butterfield Road; C3388	42350	Road Name: Beauty Road From: Norman Road To: 800 West South of Norman Road	0	0.15	17	NA													
			42400	Road Name: Norman Road From: 800 Ft. West of Beauty Road To: Beauty Road	1.32	1.67	16	0.47	IS												
4	5	Roza Hill Drive	41640	Road Name: Bittern Road From: I-82 To: MAP 1.15	0.98	1.15	9	BR													
			10060	Road Name: Old Naches Highway From: Pease Road To: Independence Road	0.04	0.86	16	0.82	RC	I	\$5,000							\$5,000	\$0	\$0	\$0
5	6	Beauty / Bittern Intersection; C3502	60300	Road Name: Independence Road From: Foyles Road To: Major Drive Road	3.05	4.09	7	3R	I	\$10,000	\$90,000	RAP				\$10,000	\$90,000	\$0	\$0	\$100,000	
			60320	Road Name: Independence Road From: N. Outlook Road To: Foyles Road	1.55	3.05	7	1.5	3R	I	\$5,000	\$45,000	RAP				\$30,000	\$20,000	\$0	\$0	\$50,000
6	7	Old Naches Highway; C3524	44000	Road Name: Beauty Road From: Norman Road To: 800 West South of Norman Road	0	0.15	17	NA													
			10060	Road Name: Old Naches Highway From: Pease Road To: Independence Road	0.04	0.86	16	0.82	RC	I	\$5,000							\$5,000	\$0	\$0	\$0
7	15	Independence Road; C3567	60300	Road Name: Independence Road From: Foyles Road To: Major Drive Road	3.05	4.09	7	3R	I	\$10,000	\$90,000	RAP				\$10,000	\$90,000	\$0	\$0	\$100,000	
			60320	Road Name: Independence Road From: N. Outlook Road To: Foyles Road	1.55	3.05	7	1.5	3R	I	\$5,000	\$45,000	RAP				\$30,000	\$20,000	\$0	\$0	\$50,000
8	16	Independence Road; C3000	44000	Road Name: Beauty Road From: Norman Road To: 800 West South of Norman Road	0	0.15	17	NA													
			10060	Road Name: Old Naches Highway From: Pease Road To: Independence Road	0.04	0.86	16	0.82	RC	I	\$5,000							\$5,000	\$0	\$0	\$0
9	21	Countywide Traffic Operations / Signal Upgrades					0	Other	E	\$65,000						\$10,000	\$0	\$55,000	\$0	\$65,000	
									0	Safety	E	\$50,000					\$5,000	\$0	\$45,000	\$0	\$50,000
10	22	Countywide Safety / Guardrail Projects					0		E	\$50,000						\$5,000	\$0	\$45,000	\$0	\$50,000	
									0	BR	I	\$250,000					\$50,000	\$0	\$200,000	\$0	\$250,000
11	23	Countywide Short Span Bridge Replacement					0		E	\$100,000						\$15,000	\$0	\$85,000	\$0	\$100,000	
									0	SW	E	\$100,000	\$1,100,000	CAPP			\$15,000	\$0	\$1,485,000	\$0	\$1,500,000
12	24	Countywide Sidewalk ADA Retrofit Program					0		E	\$400,000						\$15,000	\$0	\$1,485,000	\$0	\$1,500,000	
									0	HMA	E	\$400,000					\$15,000	\$0	\$1,485,000	\$0	\$1,500,000
13	25	Countywide Overlay Program					0		E	\$400,000						\$15,000	\$0	\$1,485,000	\$0	\$1,500,000	
									0	HMA	E	\$400,000					\$15,000	\$0	\$1,485,000	\$0	\$1,500,000
14	26	Collins Road; C3675	12750	Road Name: Collins Road From: Cedarfish Road	0.04	1.74	9	RC	I	\$980,000						\$80,000	\$0	\$900,000	\$0	\$980,000	
									1.1	RC	I	\$980,000					\$80,000	\$0	\$900,000	\$0	\$980,000

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				FCF	County Road Funds	Other Funds	PE & CE	Right of Way	Contract Construction	County Forces Construction
15	28	Poulin Road, C3675	12700	Road Name: Poulin Road From: Poulin Road To: Collins Road	0	0.41	9	0.41		\$350,000		\$20,000	\$0	\$330,000	\$0	\$350,000
18	27	Grabenstein Road, C3675	12800	Road Name: Grabenstein Road From: Collins Road To: Parish Road	0	0.22	9	0.22		\$60,000		\$20,000	\$40,000	\$0	\$0	\$60,000
17	29	Parish Road, C3675	12800	Road Name: Parish From: Salsb Loop Road To: End of Drive	0	0.86	9	0.86		\$120,000		\$20,000	\$100,000	\$0	\$0	\$120,000
18	30	Selahn Ridge Road, C3675	12100	Road Name: Selahn Ridge Road From: Collins Road To: End	0	0.29	9	0.29		\$20,000		\$20,000	\$0	\$0	\$0	\$20,000
19	4	Terraco Heights Drive	40600	Road Name: Terraco Heights Drive From: To:			14			\$0	\$ 2,000,000 County \$ 250,000 Pvt	\$100,000	\$50,000	\$2,100,000	\$0	\$2,250,000
20	14	Yakima Valley Hwy	61100	Road Name: Yakima Valley Highway From: 500 feet west of Curley Road To: 500 feet east of Curley Road			7			\$5,000		\$5,000	\$0	\$0	\$0	\$5,000
21	19	North Fork Road Bridge #109	30000	Road Name: North Fork Road From: To:			8			\$10,000		\$10,000	\$0	\$0	\$0	\$10,000
22	20	S.L.I. Rd, Bridge #580	65500	Road Name: S.L.I. Road From: Bridge #280 To: Bridge #580	6.00	6.00	8			\$ 345,000		45000	0	300000	0	\$345,000
										\$8,410,000	\$10,185,000	\$2,795,000	\$2,410,000	\$13,390,000	\$0	\$18,595,000

Program Source	Total
County Road Administration Board County Arterial Preservation Program	\$1,100,000
Other County Funds (SIED, LFT)	\$4,700,000
County Road Administration Board Rural Arterial Program	\$90,000
Transportation Improvement Board Urban Arterial Program	\$4,000,000
Connecting Washington Account	\$0
County Road Funds	\$8,410,000
Private/Cost Share	\$250,000
Grand Total	\$18,550,000