

CLARK COUNTY STAFF REPORT

DEPARTMENT: Public Works/Transportation and Development Division/Programming

DATE: October 31, 2017

REQUESTED ACTION: Adopt the 2018-2023 Six-Year Transportation Improvement Program and the 2018 Annual Construction Program

Consent Hearing County Manager

BACKGROUND

Public Works requests adoption of the Transportation Improvement Program (TIP). The TIP identifies prioritized transportation projects and proposed funding for design, property acquisition and construction during the next six years.

Each year, Clark County must prepare a six-year TIP to comply with RCW 36.81.121. In addition, RCW 36.81.130 requires the county adopt an Annual Construction Program (ACP) that includes all capital road projects and all road equipment purchases for the ensuing year. The 2018 ACP details the implementation of the first year of the six-year TIP.

Programming staff, in consultation with the Board of County Councilors and the Public Works Director/County Engineer, held a work session on June 21, 2017, which guided the development of the recommended 2018-2023 TIP and 2018 Annual Construction Program.

COUNCIL POLICY IMPLICATIONS

None. The 2018-2023 Six-Year Transportation Improvement Program and the 2018 Annual Construction Program must be fiscally constrained by forecast revenues.

ADMINISTRATIVE POLICY IMPLICATIONS

None.

COMMUNITY OUTREACH

Development of the 2018-2023 Transportation Improvement Program included a work session with the Board of County Councilors, presentations to the Clark County Planning Commission, and Development and Engineering Advisory Board, and targeted outreach to neighborhoods and other stakeholders. A SEPA review provided an additional opportunity for public comment. A public hearing before the Board of County Councilors is the final public involvement step for TIP adoption.

BUDGET IMPLICATIONS

YES	NO	
✓		Action falls within existing budget capacity.
	✓	Action falls within existing budget capacity but requires a change of purpose within existing appropriation
	✓	Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager.

PW17-121

BUDGET DETAILS: Total program equals \$178.43 million

Local Fund Dollar Amount	\$92,003,000
Grants/Loans/Partnerships Amount	\$65,936,000
Traffic Impact Fees Amount	\$20,492,000
Account	County Road Fund
Company Name	N/A

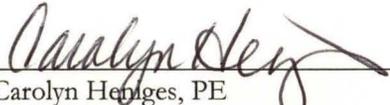
DISTRIBUTION:

Board staff will post all staff reports to The Grid. <http://www.clark.wa.gov/thegrid/>

Please return one originally signed resolution and staff report to Department of Public Works Transportation Programming, attention Michael Derleth, ext. 5794.

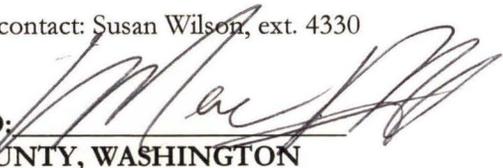
Attachments:

- Resolution: 2018-2023 Transportation Improvement Program
- Resolution: 2018 Annual Construction Program
- 2018-2023 Transportation Improvement Program
- 2018 Annual Construction Program
- 2018 Reasonably Funded Project List
- 2018 Major Equipment Purchases and Repairs


Carolyn Hediges, PE
Transportation and Development Division Manager


Heath H. Henderson, PE
Public Works Director/County Engineer

Primary staff contact: Susan Wilson, ext. 4330


APPROVED:
CLARK COUNTY, WASHINGTON
BOARD OF COUNTY COUNCILORS

DATE: OCT 31, 2017

SR# _____



APPROVED: _____
Jim Rumpeltes, Interim County Manager

DATE: _____

CLARK COUNTY, WASHINGTON
RESOLUTION NO. 2017-11-04

A RESOLUTION relating to adoption of the 2018 Annual Construction Program element of the 2018-2023 Six-Year Transportation Improvement Program (TIP).

WHEREAS, a public hearing on the 2018 Annual Construction Program was held at 10:00 A.M., Tuesday, October 31, 2017 in accordance with RCW 36.81.121 and WAC 136-16-010; and,

WHEREAS, this is to certify that a priority array of potential projects on this County's arterial system was prepared under the direction of the Director of Public Works/County Engineer and was available to the Board of County Councilors during the preparation of these programs in accordance with WAC 136-14-050; and,

WHEREAS, this Annual Construction Program has been analyzed to establish its consistency with the adopted Transportation Improvement Program; and,

WHEREAS, this Annual Construction Program has been analyzed to establish Clark County's financial capability of completing the projects that are contained within the Program; and,

WHEREAS, the Board of County Councilors is in regular session assembled this day.

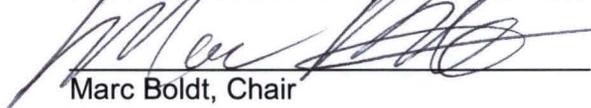
NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COUNCILORS OF CLARK COUNTY, STATE OF WASHINGTON, that the 2018 Annual Construction Program element of the 2018-2023 Transportation Improvement Program, as submitted by the Director of Public Works/County Engineer and attached and incorporated by reference, is hereby adopted.

DATED this 31st day of Oct, 2017.

ATTEST:


Clerk to the Board

BOARD OF COUNTY COUNCILORS
FOR CLARK COUNTY, WASHINGTON


Marc Boldt, Chair

Jeanne E. Stewart, Councilor

APPROVED AS TO FORM ONLY:
ANTHONY F. GOLIK
Prosecuting Attorney

Julie Olson, Councilor

BY: 
CHRIS HORNE, Chief Civil
Deputy Prosecuting Attorney

John Blom, Councilor

Eileen Quiring, Councilor

ANNUAL CONSTRUCTION PROGRAM FOR 2018

(7) TYPE OF WORK CODES

- | | |
|-------------------------|-----------------------------|
| A. GRADING DRAINAGE | G. TRAFFIC FACILITIES |
| B. BASE TOP COURSE | H. PATHS, TRAILS, BIKEWAYS |
| C. BITUM SURF TREATMENT | I. BRIDGES |
| D. AC/PCC PAVEMENT | J. FERRY FACILITIES |
| E. CURBS GUTTERS | K. ENVIRONMENTAL MITIGATION |
| F. SIDEWALKS | L. FISH PASSAGE |

COUNTY FORCES COMPUTATION

- | | |
|-------------------------------------------------------|----------|
| (A) TOTAL CONSTRUCTION PROGRAM (Columns 14 + 15 + 16) | \$25,644 |
| (B) COMPUTED COUNTY FORCES LIMIT | \$3,395 |
| (C) TOTAL COUNTY FORCES CONST. PROGRAM (Column 16) | \$959 |

CLARK COUNTY

- | | |
|-------------------------------------|------------|
| Current Population: | 471,000 |
| Date Recommended Program Submitted: | 10/01/2017 |
| Date of Environmental Assessment: | 09/27/2017 |
| Date of Final Adoption: | 10/31/2017 |
| Ordinance/Resolution Number: | 2017-11-XX |

LINE (C) MUST BE SMALLER THAN LINE (B)

Environmental Assessment: S = Significant I = Insignificant E = Exempt

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Item No.	6YR Rank	Road Log No.	ROAD/PROJECT NAME AND LOCATION (Termini description or MP's; Bridge#)	Project Length (miles)	Func. Class	Work Code(s)	Environ. Assessmt.	Source of Funds (\$1,000's)		Estimated Expenditures (\$1,000's)					Total	
								County	Other Funds Source (Amount)	PE	ROW	CE	Construction			
													Contract	County Forces		
Improvement Projects																
1	A	41150	NE 10th Avenue (NE 149th Street - NE 154th Street) Project #: 323322	0.25	17	ABDEFK	I	396	TIF (200), PWTF (10)		406	200	0	0	0	606
2	B	41471	NE 10th Avenue (NE 154th Street - NE 164th Street) Project #: 370922	0.56	17	ABDEFGHI KL	S	8,886	TIF (60), STP-TMA (250)		0	0	835	8,156	205	9,196
3	C	94100	NE 119th Street (NE 50th Avenue - NE 72nd Avenue) Project #: 333122	0.64	17	ABDEFGHK	I	265	TIF (100), STP-TMA (385), UAP (2,250)		0	0	308	2,692	0	3,000
4	D	94100	NE 119th Street East (NE 87th Avenue - NE 112th Avenue) Project #: 342422	1.33	17	ABDFEFGH K	I	409	TIF (1,888), STP-TMA (2,000), UAP (1,000)		0	1,797	364	3,134	2	5,297
5	E	NA	Miscellaneous Projects (Various Locations) Project #: TBD	NA	NA	ABDEFGHI JKL	E	100	0		0	0	0	100	0	100
6	1	23940	NE 99th Street (NE 94th Avenue - Vicinity of NE 117th Avenue (SR-503)) Project #: 350722	1.10	16	ABDEFGHK	S	130	TIF (100)		230	0	0	0	0	230
7	2	91110	Highway 99 Corridor Improvements (Highway 99 - NE 99th Street) Project #: 351022	0.17	14	ABDEFGHK	I	2	TIF (309), STP-TMA (1,350)		161	1,500	0	0	0	1,661
8	3	94360	I-5/NE 179th Street (NE Delfel Road - NE 15th Avenue) Project #: 390222	0.28	14	ABDEFG	I	50	TIF (300), Developer (20)		370	0	0	0	0	370
9	4	95050	NE Ward Road (NE 162nd Avenue - NE 172nd Avenue) Project #: TBD	0.63	16	ABDEFGK	I	5	TIF (45)		50	0	0	0	0	50
10	5	24190	NE 152nd Avenue (Padden Parkway - NE 99th Street) Project #: TBD	0.75	17	ABDEFGK	I	0	TIF (55)		55	0	0	0	0	55
11	6	43110	NE 15th Avenue (NE 179th Street - NE 10th Avenue) Project #: 372222	0.75	16	ABDEFGH	S	100	0		100	0	0	0	0	100
12	7	91250	NE 72nd Avenue (NE 133rd Street - NE 179th Street) Project #: TBD	2.26	07	ABCDEFK	I	50	0		50	0	0	0	0	50

ANNUAL CONSTRUCTION PROGRAM FOR 2018 Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Item No.	6YR Rank	Road Log No.	ROAD/PROJECT NAME AND LOCATION (Termini description or MP's; Bridge#)	Project Length (miles)	Func. Class	Work Code(s)	Environ. Assessmt.	County	Source of Funds (\$1,000's)		Estimated Expenditures (\$1,000's)					Total
									Source (Amount)	Other Funds	PE	ROW	CE	Construction		
										Contract				County Forces		
Improvement Projects																
13	8	91250	NE 72nd Avenue (NE 122nd Street - NE 133rd Street) Project #: TBD	0.70	16	ABDEF	I	20	TIF (30)		50	0	0	0	0	50
14	9	94100	NE 119th Street at NE 132nd Avenue (Intersection Improvement) Project #: TBD	0.08	17	ABDEFGHK	I	50	0		50	0	0	0	0	50
Total - Improvement Projects								10,463	10,352		1,522	3,497	1,507	14,082	207	20,815
Carry Over Projects																
15	CO	22460	VAST: Orchards Traffic Signal Optimization (TSO) (NE 55th Avenue - NE Ward Road) Project #: 332822	11.75	16	BD	E	5	CMAQ (6)		0	0	1	10	0	11
16	CO	94100	NE 119th Street (NE 72nd Avenue - NE 87th Avenue) Project #: 390722	1.78	17	ABDEFGHK L	S	0	TIF (389)		0	0	36	352	1	389
17	CO	23940	NE 99th Street at SR-503 (Intersection Improvement) Project #: 390822	0.01	16	ABDEFG	I	25	UCP (5)		0	0	2	28	0	30
Total - Carry Over Projects								30	400		0	0	39	390	1	430
Ongoing Programs																
18	NA	NA	Advanced Right-Of-Way Program (Various Locations) Project #: 323911	NA	NA	NA	I	10	0		0	10	0	0	0	10
Total Ongoing Programs - Advanced Right-Of-Way Program								10	0		0	10	0	0	0	10
19	NA	NA	Bridge Repair/Rehab Improvement Program (Various Locations) Project #: TBD	NA	NA	ABDEFGHK	S	120	STP-Bridge(448)		517	30	3	18	0	568
									<ul style="list-style-type: none"> • Davis #232 Bridge Replacement - (NE Davis Road - 0.6 mi E of NE Ward Road (Mile Post 0.64) - Project #: 362822 • Cedar Creek Bridge #65 Replacement - (NE Etna Road at Cedar Creek) - Project #: 380622 • Lehto Bridge #294 Preventative Maintenance - (Mile Post 0.25 at NE Lehto Road) - Project #: TBD • Bridge #211 Preventative Maint. & Scour - (NE 167th Avenue 0.25 mi S of NE 199th Street) - Project #: TBD • Salmon Creek Bridge #331 Rehabilitation - (NE Caples Road, 0.54 mi N of NE 159th Street) - Project #: TBD 							
Total Ongoing Programs - Bridge Repair/Rehab Improvement Program								120	448		517	30	3	18	0	568
20	NA	NA	Road Preservation Program (Various Locations) Project #: TBD	NA	NA	ABCDGKL	E	4,618	NHS(150),RAP(22), CAPP(672)		378	50	280	4,660	94	5,462
									<ul style="list-style-type: none"> • NE Blair Road - (SR-500 - Mile Post 2.47) - Project #: 322212 • 2017 HMA Overlays - (Various Locations) - Project #: 362122 • 2018 HMA Overlays - (Various Locations) - Project #: 370322 • Highway 99 Pavement Improvements - (NE 78th Street - NE 134th Street) - Project #: 372022 • NE Munch Road - (NE Cedar Creek Road - NE 414th Street) - Project #: TBD • Culverts and Sildes - (Various Locations) - Project #: TBD 							

ANNUAL CONSTRUCTION PROGRAM FOR 2018 Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Item No.	6YR Rank	Road Log No.	ROAD/PROJECT NAME AND LOCATION (Termini description or MP's; Bridge#)	Project Length (miles)	Func. Class	Work Code(s)	Environ. Assessmt.	County	Source of Funds (\$1,000's)		Estimated Expenditures (\$1,000's)					Total	
									Source (Amount)	Other Funds	PE	ROW	CE	Construction			
														Contract	County Forces		
Ongoing Programs																	
Total Ongoing Programs - Road Preservation Program								4,618	844	378	50	280	4,660	94	5,462		
21	NA	NA	Rural Road Improvement Program (Various Locations) Project #: 361822	NA	NA	ABCDEKL	I	444	RAP(148)	407	185	0	0	0	592		
			<ul style="list-style-type: none"> • NE Manley Road - (NE 244th Street - NE 82nd Avenue) - Project #: 322012 • Landslide Monitoring - (Various Locations) - Project #: 381012 														
Total Ongoing Programs - Rural Road Improvement Program								444	148	407	185	0	0	0	592		
22	NA	NA	Sidewalks and ADA Compliance Program (Various Locations) Project #: 300111	NA	NA	ABDEFH	I	1,878	Ped-Bike(380),SP (110),TA(100), REET(20)	449	113	424	1,500	2	2,488		
			<ul style="list-style-type: none"> • ADA Compliance Program - (Various Locations) - Project #: 313111 • Highway 99 Pedestrian/Bicycle Improvements - (NE 63rd Street - NE 78th Street) - Project #: 351322 • NE 107th Avenue Sidewalk - (NE Covington Road - NE 76th Street) - Project #: 351822 • Main Avenue Access Improvements - (Ridgefield City Limits - National Wildlife Refuge) - Project #: 352322 • 2018 Preservation ADA Ramp Improvements - (Various Locations) - Project #: 363022 • Highway 99 - Klineline Sidewalk - (NE 122nd Street - NE 129th Street) - Project #: 370122 • NE 68th Street Sidewalk - (Highway 99 - Vancouver City Limit) - Project #: 372122 • 2019 Preservation ADA Ramp Improvements - (Various Locations) - Project #: 371622 														
Total Ongoing Programs - Sidewalks and ADA Compliance Program								1,878	610	449	113	424	1,500	2	2,488		
23	NA	NA	Transportation Safety Improvements Program (Various Locations) Project #: 314122	NA	NA	ABDEFG	I	1,031	CMAQ(993),HSIP(1,437), Partnership(23)	1,028	19	427	1,355	655	3,484		
			<ul style="list-style-type: none"> • Washougal River and Lockwood Creek Roads Safety Improvements - (Various Locations) - Project #: 351622 • Signal, Timing, Evaluation, Verification, and Enhancement (STEVE) - (Various Locations) - Project #: 352122 • Hayes Road N&S Safety Improvements - (NW 403rd Street - NE 12th Avenue) - Project #: 352822 • Working to Refine IntelliGent Highway Transportation (WRIGHT) - (NE 20th Avenue - NW 2nd Avenue) - Project #: 361422 • NE 78th Street / 39th Avenue - (Signal Improvement) - Project #: 362422 • Klineline Bridge - Salmon Creek Bank Stabilization - (Highway 99 at Klineline Bridge) - Project #: 362612 • Curve Safety Improvement Project - (Various Locations) - Project #: 371422 • Hazel Dell Avenue Adaptive Traffic Signals - (NW 9th Avenue - NE Padden Parkway) - Project #: 371522 • Krieger Road Slide - (NW Krieger Road at NW 179th Street) - Project #: 371722 • NE 259th Street and NE 72nd Avenue Intersection - (Intersection Improvement) - Project #: 372322 • NE 63rd Street and NE 58th Avenue Signal - (Signal Installation) - Project #: 372422 														

ANNUAL CONSTRUCTION PROGRAM FOR 2018 Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Item No.	6YR Rank	Road Log No.	ROAD/PROJECT NAME AND LOCATION (Termini description or MP's; Bridge#)	Project Length (miles)	Func. Class	Work Code(s)	Environ. Assessmt.	Source of Funds (\$1,000's)		Estimated Expenditures (\$1,000's)					Total			
								County	Other Funds	PE	ROW	CE	Construction					
									Source (Amount)				Contract	County Forces				
Ongoing Programs																		
• 2018 Preservation Guardrail and Bridge Rail - (Various Locations) - Project #: TBD																		
Total Ongoing Programs - Transportation Safety Improvements Program								1,031	2,453	1,028	19	427	1,355	655	3,484			
24	NA	NA	Urban Development Road Program (Various Locations) Project #: TBD	NA	NA	ABDEFGHK L	E	45	0	45	0	0	0	0	0	45		
• NE 47th Avenue - (NE 68th Street - NE 78th Street) - Project #: 313822																		
• NE 40th Avenue - (NE 63rd Street - Railroad Crossing) - Project #: 323522																		
• NE 182nd Avenue at SR-500 - (Intersection Improvement) - Project #: TBD																		
Total Ongoing Programs - Urban Development Road Program								45	0	45	0	0	0	0	0	45		
Total - Ongoing Programs								8,146	4,503	2,824	407	1,134	7,533	751	12,649			
ANNUAL CONSTRUCTION PROGRAM TOTALS								18,639	15,255	4,346	3,904	2,680	22,005	959	33,894			
MAINTENANCE								14,216							14,216			
SPECIAL MAINTENANCE								NA							NA			
											CONSTRUCTION AND MAINTENANCE TOTAL		48,110					

REASONABLY FUNDED PROJECTS

"Reasonably Funded" projects are defined based on ordinance 2016-06-12, adopted June 28, 2016 by the Board of Commissioners:

"Any improvements being implemented as part of the county's transportation improvement program that are reasonably funded and scheduled for completion of construction within six (6) years of the final date for a decision upon the development application."

These projects include the following:

<u>Improvement Projects</u>	<u>TIP Priority</u>
• NE 10 th Avenue (NE 149 th Street to NE 154 th Street)	A
• NE 10 th Avenue (NE 154 th Street to NE 164 th Street)	B
• NE 119 th Street (NE 50 th Avenue to NE 72 nd Avenue)	C
• NE 119 th Street (NE 87 th Avenue to NE 112 th Avenue)	D
• Highway 99 Corridor Improvements (Highway 99 at NE 99 th Street) 2	
• NE 119 th Street (NE 72 nd Avenue to NE 87 th Avenue)	CO
• NE 99 th Street at SR-503 Intersection	CO
• VAST: Orchards Traffic Signal Optimization (NE 55 th Avenue to NE Ward Road)	CO

CO = Carryover Project

2018 Major Road Equipment Purchases and Repairs

item	Description	Obj. Code	Repl. QTY	Cost Per Unit	Purchase Cost	645	646	Fund	
	2018 Equipment Replacement								Scheduled Replacements
1	Plow, heavy duty	646	3	14,000	42,000		42,000	Rds	A31-0166, 0167, 0170
2	Sander	646	2	25,000	50,000		50,000	Rds	A44-0194, A41-0830
3	Sander/Tailgate	646	1	12,000	12,000		12,000	Rds	A43-0841
4	Brush Cutter	646	1	225,000	225,000		225,000	Rds	F30-0418
5	Paver	646	1	170,000	170,000		170,000	Rds	H91-0425
6	Trailer, 2 axle, Corrections	646	1	12,000	12,000		12,000	Corr	L10-0849
7	Gators	646	2	20,000	40,000		40,000	Parks	M12-0022, 0024
8	Mower, Riding	646	2	11,250	22,500		22,500	Rds	M15-0092, 0093
9	Mower, Gang	646	1	65,000	65,000		65,000	Parks	M30-0079
10	Pickup/Small	645	1	28,000	28,000	28,000		Rds	P11-1023
11	Pickup/ 1/2 ton 4X4	645	4	31,000	124,000	124,000		Cd/Parks/Corr	P24-0215, 0290, P23-0207, 1086
12	Pickup/ 3/4 ton 2X4	645	1	30,000	30,000	30,000		Fire	P22-0278
13	Sedan/ Midsize, Sheriff	645	3	30,000	90,000	90,000		Sher	S00-0562, S06-1004, 1017
14	Sedan/ Midsize, Other	645	1	26,000	26,000	26,000		Mtrp	S01-0693
15	SUV/ Fullsize/Sheriff	645	4	60,000	240,000	240,000		Sher	S19-1251, 0911, 0994, 0996
16	Sedan/ Sheriff Patrol	645	9	60,000	540,000	540,000		Sher	S20-1225, S28-0616, 0618, 0699, S29-0623,
17	Sedan/ Sheriff Patrol (cont)	645	0	0				Sher	0630, 0634, 0635
18	SUV/ Midsize 4X4	645	3	28,000	84,000	84,000		Rds/Cd/Engr	S31-0610, 0628, 1028
19	1 Ton Dump	646	4	50,000	200,000		200,000	Pks/Rd/Signs	T10-0329, T10-0310, T10-0330, 0326
20	5 Yard Dump	646	2	170,000	340,000		340,000	Rds	T20-0346, 0347
21	10 Yard Dump	646	1	215,000	215,000		215,000	Rds	T30-0382
22	Van/ Fullsize /Cargo	645	1	30,000	30,000	30,000		Engr	V20-0742
23	Van/Small	646	1	28,000	28,000	28,000		Sher	V05-0731
24	Boat	646	1	100,000	100,000		100,000	Sher	W10-0999
25	Water Truck	646	1	245,000	245,000		245,000	Rds	T50-0413
26	Shop Truck	646	1	185,000	185,000		185,000	ERR	T90-0469
27	Out of Cycle Vehicles	645	4	50,000	200,000	100,000	100,000		
28									
29									
30									
	2018 Replacement Costs		56		\$ 3,343,500	1,320,000	2,023,500		

NOTICE OF PUBLIC HEARING

The Board of County Councilors will hold a public hearing at 10 a.m. on **Tuesday, the 31st day of October, 2017** in the councilors' Hearing Room, Sixth Floor, Public Service Center, 1300 Franklin Street, Vancouver, Wash. to consider:

Adoption of the 2018-2023 Transportation Improvement Program and the 2018 Annual Construction Program in accordance with RCW 36.81.121.

More information concerning this matter may be obtained by contacting Susan Wilson, Manager, Clark County Public Works Programming Section, 360-397- 6118 x4330.

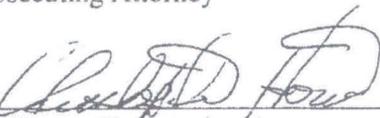
Any person wishing to give testimony regarding this matter should appear at the time, date, and place above stated.

BOARD OF COUNTY COUNCILORS

Clerk of the Board

Approved as to Form Only
ANTHONY F. GOLIK
Prosecuting Attorney

By


Deputy Prosecuting Attorney

PLEASE PUBLISH: October 18, 2017



For other formats contact the Clark County ADA Program:
Voice (360) 397-2322; **Relay** 711 or (800) 833-6388
Fax (360) 397-6165; **Email** ADA@clark.wa.gov