

**GOLDENDALE CITY COUNCIL
REGULAR MEETING
JULY 16, 2018
7:00 PM**

- A. Call to Order
 - 1. Pledge of Allegiance
- B. Roll Call
- C. Public Hearing
 - 1. Six Year Street Plan
- D. Agenda
 - 1. Approval of Agenda
 - 2. Consent Agenda
 - a. Approval of Minutes
 - b. Claims
 - c. Payroll
 - d. Other
- E. Presentations
 - 1. Filiberto Ontiveros – National Night Out
 - 2. Todd Jacobsen, Wildlife Conflict Specialist - Deer Population Concerns
- F. Department Reports
- G. Council Business
 - 1. Request for Park Use
- H. Resolutions
 - 1. Authorizing Application for Rural Broadband Planning Grant
- I. Ordinances
- J. Report of Officers and City Administrator
- K. Public Comment
- L. Executive Session
- M. Adjournment

NEXT REGULAR COUNCIL MEETING WILL BE ON AUGUST 6, 2018 AT 7:00 PM.

AGENDA TITLE: CONSENT AGENDA

DATE: JULY 16, 2018

ACTION REQUIRED:

ORDINANCE _____ COUNCIL INFORMATION _____ X
RESOLUTION _____ OTHER _____
MOTION _____ X

EXPLANATION:

The consent agenda includes the following:

Minutes of the July 2, 2018 regular council meeting, second pay period June checks #50685 – 50725, 900905 – 900906, direct deposit run 7/5/2018 in the amount of \$86,211.61, July 16, 2018 claims checks #50688 – 50770, 900907 - 900910 in the amount of \$163,561.01.

FISCAL IMPACT:

Payroll checks in the amount of \$86,211.61, claims checks in the amount of \$163,561.01.

ALTERNATIVES:

Approve the consent agenda.

Remove certain items from the consent agenda for further discussion.

STAFF RECOMMENDATION:

Approve the consent agenda

MOTION:

I MOVE TO APPROVE THE CONSENT AGENDA.

**GOLDENDALE CITY COUNCIL
REGULAR MEETING
JULY 2, 2018
7:00 PM**

Mayor Michael Canon called to order the regular meeting of the Goldendale City Council followed by the Pledge of Allegiance.

ROLL CALL

7:03:10 PM

PRESENT:

Mayor Michael A Canon
Council Member Guy Theriault
Council Member Carmen Knopes
Council Member John Sullivan
Council Member Shannon Middleton
Council Member Justin Leigh
Council Member Miland Walling

STAFF:

City Administrator Larry Bellamy
Clerk-Treasurer Connie Byers
Public Works Director Karl Enyeart
Police Chief Reggie Bartkowski

ABSENT:

Council Member Andy Halm

It was moved by Council Member Guy Theriault, seconded by Council Member Carmen Knopes, to excuse Andy Halm from the meeting.

7:03:18 PM

AYES:

Council Member Guy Theriault
Council Member Carmen Knopes
Council Member John Sullivan
Council Member Shannon Middleton
Council Member Justin Leigh
Council Member Miland Walling

NAYS:

None.

MOTION CARRIED UNANIMOUSLY 6-0.

AGENDA AND CONSENT AGENDA

It was moved by Council Member Guy Theriault, seconded by Council Member Carmen Knopes, to approve the agenda and consent agenda.

[7:03:44 PM](#)

AYES:

Council Member Guy Theriault
Council Member Carmen Knopes
Council Member John Sullivan
Council Member Shannon Middleton
Council Member Justin Leigh
Council Member Miland Walling

NAYS:

None.

MOTION CARRIED UNANIMOUSLY 6-0.

Reggie presented the changes to the "Dangerous Dog" ordinance and explained that a dangerous dog is so designated based on the dog's actions not the dog's breed as was stated in the paper.

PRESENTATIONS

Mark Miller had a few statements but was satisfied with Reggie's explanation.

DEPARTMENT REPORTS

Karl reported on the crosswalk painting and stated that at the next meeting there will be a public hearing for the six year street plan.

Reggie reported on the case numbers, vehicle prowls, fireworks and the bike program.

COUNCIL BUSINESS

Application for Ekone Park

It was moved by Council Member Guy Theriault, seconded by Council Member Carmen Knopes, to approve the use of Ekone Park for the burnout contest the weekend of August 18th and to waive the park fees.

[7:22:29 PM](#)

AYES:

Council Member Guy Theriault
Council Member Carmen Knopes
Council Member John Sullivan
Council Member Shannon Middleton
Council Member Justin Leigh
Council Member Miland Walling

NAYS:

None.

MOTION CARRIED UNANIMOUSLY 6-0.

Application for lodging tax \$1,000

It was moved by Council Member Guy Theriault, seconded by Council Member Carmen Knopes, to authorize the Mayor to execute an agreement with the Read's in an amount not to exceed \$1,000 from available lodging tax monies.

7:23:53 PM

AYES:

Council Member Guy Theriault
Council Member Carmen Knopes
Council Member John Sullivan
Council Member Shannon Middleton
Council Member Justin Leigh
Council Member Miland Walling

NAYS:

None.

MOTION CARRIED UNANIMOUSLY 6-0.

RESOLUTIONS

Accepting the 2018 South Columbus Overlay Project

It was moved by Council Member Guy Theriault, seconded by Council Member Carmen Knopes, to adopt Resolution No. 685 accepting the 2018 South Columbus Overlay Project.

7:26:09 PM

AYES:

Council Member Guy Theriault
Council Member Carmen Knopes
Council Member John Sullivan
Council Member Shannon Middleton
Council Member Justin Leigh
Council Member Miland Walling

NAYS:

None.

MOTION CARRIED UNANIMOUSLY 6-0.

ORDINANCES

Natural gas franchise agreement

It was moved by Council Member Guy Theriault, seconded by Council Member Carmen Knopes, to adopt Ordinance No. 1486 a franchise agreement with Avista Utilities to grant a nonexclusive right to construct and maintain gas piping facilities in the City of Goldendale.

[7:27:06 PM](#)

AYES:

Council Member Guy Theriault
Council Member Carmen Knopes
Council Member John Sullivan
Council Member Shannon Middleton
Council Member Justin Leigh
Council Member Miland Walling

NAYS:

None.

MOTION CARRIED UNANIMOUSLY 6-0.

Dangerous dog ordinance revisions

It was moved by Council Member Guy Theriault, seconded by Council Member Carmen Knopes, to adopt Ordinance No. 1487 accepting the revisions to the Dangerous Dog Ordinance.

[7:28:15 PM](#)

AYES:

Council Member Guy Theriault
Council Member Carmen Knopes
Council Member John Sullivan
Council Member Shannon Middleton
Council Member Justin Leigh
Council Member Miland Walling

NAYS:

None.

MOTION CARRIED UNANIMOUSLY 6-0.

Add penalty option regarding outdoor burn permitting

It was moved by Council Member Guy Theriault, seconded by Council Member Carmen Knopes, to adopt Ordinance No. 1488 an ordinance that requires a permit from the Fire Department for outdoor burning and creates a section in the Goldendale Municipal Code that would establish a violation-penalty for a civil infraction.

[7:31:13 PM](#)

AYES:

Council Member Guy Theriault
Council Member Carmen Knopes
Council Member John Sullivan
Council Member Shannon Middleton
Council Member Justin Leigh
Council Member Miland Walling

NAYS:

None.

MOTION CARRIED UNANIMOUSLY 6-0.

REPORT OF OFFICERS AND CITY ADMINISTRATOR

Miland report on the AWC conference that he attended in Yakima.

Guy also spoke about the conference.

Carmen spoke about fireworks and kids on bikes.

Justin spoke about the Events Committee and events coming up.

Larry talked about Community Days and the conference.

Mayor Canon talked about mental illness and Community Days.

PUBLIC COMMENT

Leandra Kessinger invited everyone to join the community pot luck that will be held July 4th at WWII Park.

Chet Biggerstaff spoke about Q and military intelligence.

Ken McKune commented on the blow up car during Community Days last year and the burn out event.

ADJOURNMENT

It was moved by Council Member Guy Theriault, seconded by Council Member Carmen Knopes, to adjourn the meeting.

[8:03:01 PM](#)

AYES:

Council Member Guy Theriault
Council Member Carmen Knopes
Council Member John Sullivan
Council Member Shannon Middleton
Council Member Justin Leigh
Council Member Miland Walling

NAYS:

None.

MOTION CARRIED UNANIMOUSLY 6-0.

Michael A Canon, Mayor

Connie Byers, Clerk-Treasurer

Register

Fiscal: 2018

Deposit Period: 2018 - Jul 2018

Check Period: 2018 - Jul 2018 - 1st Council Jul 2018

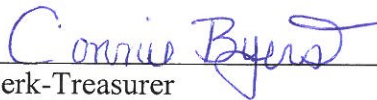
Number	Name	Print Date	Clearing Date	Amount
Columbia State Bank	20016310			
Check				
50688	Lem Pratt	7/3/2018		\$500.00
50689	The Adio Sequence	7/3/2018		\$1,200.00
50690	Deborah Fletcher	7/3/2018		\$1,200.00
50691	Bill Nielsen	7/3/2018		\$400.00
50692	Jessica Elliot	7/3/2018		\$600.00
50726	Allyns Building Center	7/16/2018		\$721.35
50727	Aramark Uniform Serv Inc	7/16/2018		\$497.07
50728	Bishop Sanitation Inc	7/16/2018		\$187.50
50729	Bohn's Printing	7/16/2018		\$350.46
50730	Browning Extinguisher Service	7/16/2018		\$25.80
50731	Carquest Auto Parts	7/16/2018		\$437.56
50732	Cultural Resources Consulting	7/16/2018		\$5,651.00
50733	Department of Commerce	7/16/2018		\$29,671.46
50734	Emilio Russo	7/16/2018		\$88.51
50735	Ennis Traffic Safety Solutions	7/16/2018		\$2,232.15
50736	Firwood Ag Services	7/16/2018		\$4,196.80
50737	Galls LLC	7/16/2018		\$664.37
50738	Gary Erickson	7/16/2018		\$202.61
50739	General Store	7/16/2018		\$2.66
50740	Gerald Matosich Attorney at Law	7/16/2018		\$600.00
50741	Goldendale Auto Supply	7/16/2018		\$165.74
50742	Goldendale Exhaust LLC	7/16/2018		\$88.69
50743	Goldendale Glass	7/16/2018		\$25.00
50744	Goldendale Market Fresh	7/16/2018		\$43.98
50745	Goldendale Sentinel	7/16/2018		\$358.00
50746	Goldendale Tire Center	7/16/2018		\$98.90
50747	Goldendale, City of	7/16/2018		\$6,555.14
50748	Hattenhauer Energy Co LLC	7/16/2018		\$2,188.23
50749	Holcombs Market	7/16/2018		\$62.08
50750	Klickitat Co Auditor	7/16/2018		\$100.00
50751	Klickitat County PUD	7/16/2018		\$639.12
50752	Lori Lynn Hootor Attorney at Law	7/16/2018		\$125.00
50753	Maria Hutchins	7/16/2018		\$41.42
50754	Menke Jackson Beyer LLP	7/16/2018		\$1,658.84
50755	Miland Walling	7/16/2018		\$76.30
50756	Norco Inc	7/16/2018		\$43.86

Number	Name	Print Date	Clearing Date	Amount
50757	North Central Laboratories	7/16/2018		\$392.92
50758	One Call Concepts Inc	7/16/2018		\$23.54
50759	Optimist Printers	7/16/2018		\$56.44
50760	ProRider Inc	7/16/2018		\$497.99
50761	Quill Corporation	7/16/2018		\$160.89
50762	Radcomp Technologies	7/16/2018		\$13,296.42
50763	Republic Services Inc	7/16/2018		\$455.15
50764	RH2 Engineering Inc	7/16/2018		\$233.70
50765	Richard Orthmann	7/16/2018		\$37.44
50766	Sun Pacific Services Inc	7/16/2018		\$1,006.38
50767	Tina Erickson	7/16/2018		\$50.00
50768	US Cellular	7/16/2018		\$1,258.65
50769	Vision Municipal Solutions Llc	7/16/2018		\$918.27
50770	WA St Dept of Ecology	7/16/2018		\$82,100.76
900907	HSA Bank Employee Plan Funding	7/16/2018		\$45.00
900908	Invoice Cloud	7/16/2018		\$163.60
900909	PAYA	7/16/2018		\$37.50
900910	PAYA	7/16/2018		\$1,126.76
	Total	Total	Check	\$163,561.01
			20016310	\$163,561.01
	Grand Total			\$163,561.01

**CITY OF GOLDENDALE
CLAIMS REGISTER**

I, the undersigned, do hereby certify that the materials have been furnished, the services rendered or the labor performed as shown on Voucher numbers 50688 through 50770, 900907 - 900910 in the amount of \$163,561.01, and unpaid obligations against the City of Goldendale, Washington and that I am authorized to certify said claims.

DATED this 12th day of July, 2018.


Clerk-Treasurer

Register Activity

Fiscal: 2018

Period: 2018 - Jul 2018

Council Date: 2018 - Jul 2018 - 1st Council Jul 2018

Reference	Date	Amount	Notes
Reference Number: 50688	Lem Pratt	\$500.00	
Invoice - 7/3/2018 2:45:52 PM	7/3/2018	\$500.00	Community Days
Reference Number: 50689	The Adio Sequence	\$1,200.00	
Invoice - 7/3/2018 2:49:14 PM	7/3/2018	\$1,200.00	Community Days
Reference Number: 50690	Deborah Fletcher	\$1,200.00	
Invoice - 7/3/2018 2:51:47 PM	7/3/2018	\$1,200.00	Community Days
Reference Number: 50691	Bill Nielsen	\$400.00	
Invoice - 7/3/2018 2:55:45 PM	7/3/2018	\$400.00	Community Days
Reference Number: 50692	Jessica Elliot	\$600.00	
Invoice - 7/3/2018 2:57:59 PM	7/3/2018	\$600.00	Community Days
Reference Number: 50726	Allyns Building Center	\$721.35	
258835	6/4/2018	\$37.61	Tape Rule
258944	6/5/2018	\$33.30	Pliers
258972	6/6/2018	\$19.97	Sealant
259010	6/6/2018	\$11.34	U-Bolt, Bushing
259014	6/6/2018	\$31.67	Tree Wrap, Pruning Seal
259034	6/7/2018	\$21.49	Grass Seed
259056	6/7/2018	\$55.86	Potting Mix
259058	6/7/2018	(\$13.96)	Credit
259083	6/7/2018	\$28.91	Standard Block, Sealant
259098	6/8/2018	\$112.86	Sump Pump
259257	6/11/2018	\$17.80	Lag Screw
259283	6/11/2018	\$146.64	Connector, Elbow, PVC Strap....
259291	6/11/2018	\$6.44	Sanding Disc
259308	6/12/2018	\$6.22	Woven Cover
259344	6/12/2018	\$57.94	Washer Head, Junction Box, Anchor Kit....
259861	6/20/2018	\$9.22	Sealant
259916	6/21/2018	\$4.71	Kwikset Key
259917	6/21/2018	\$5.35	Hornet & Wasp Killer
259927	6/21/2018	\$11.77	Key
260135	6/25/2018	\$5.15	Staple
260182	6/26/2018	\$13.20	Mason Line

Reference	Date	Amount	Notes
Reference Number: 50726	Allys Building Center		
260379	6/28/2018	\$721.35	Elbow, Adapter....
260380	6/28/2018	\$93.58	Coupling
		\$4.28	
Reference Number: 50727	Aramark Uniform Serv Inc		
863474997	6/5/2018	\$497.07	Service
863475000	6/5/2018	\$22.42	Service
863475001	6/5/2018	\$43.68	Service
863475003	6/5/2018	\$30.55	Service
863485286	6/12/2018	\$16.66	Service
863485288	6/12/2018	\$22.42	Service
863485289	6/12/2018	\$43.39	Service
863485291	6/12/2018	\$30.55	Service
863495472	6/19/2018	\$16.66	Service
863495475	6/19/2018	\$22.42	Service
863495476	6/19/2018	\$43.39	Service
863495478	6/19/2018	\$30.55	Service
863505694	6/26/2018	\$16.66	Service
863505696	6/26/2018	\$66.83	Service
863505697	6/26/2018	\$43.68	Service
863505699	6/26/2018	\$30.55	Service
		\$16.66	Service
Reference Number: 50728	Bishop Sanitation Inc		
67943	7/5/2018	\$187.50	Ekone Park
67994	7/5/2018	\$120.00	Airport
		\$67.50	
Reference Number: 50729	Bohn's Printing		
52430	6/25/2018	\$350.46	City Hall
52431	6/25/2018	\$245.79	Fire Department
52432	6/25/2018	\$55.91	Police Department
		\$48.76	
Reference Number: 50730	Browning Extinguisher Service		
6924	7/10/2018	\$25.80	Ekone Park Kitchen
		\$25.80	
Reference Number: 50731	Carquest Auto Parts		
4993-422553	6/5/2018	\$437.56	UPS
4993-422650	6/6/2018	\$100.37	Lamp
4993-422723	6/6/2018	\$25.18	Shopsaw Bld
4993-422749	6/6/2018	\$13.32	Stabilizing Jacks
4993-423547	6/12/2018	\$59.68	Supplies
4993-424265	6/18/2018	\$18.25	Radiator Cap, Snap Off Knife Assort
4993-424465	6/19/2018	\$13.30	Batteries
4993-424595	6/20/2018	\$86.25	Cam Lock
4993-424665	6/21/2018	\$6.87	Mini Bulb
4993-424667	6/21/2018	\$1.04	Body Filler Spreader
4993-424668	6/21/2018	\$4.26	Mini Bulb
		\$1.39	

Reference	Date	Amount	Notes
Reference Number: 50731	Carquest Auto Parts		
<u>4993-424672</u>	6/21/2018	\$437.56	Platinum Professional
<u>4993-424848</u>	6/22/2018	\$40.28	Phone Charger
<u>4993-425382</u>	6/27/2018	\$20.13	Starting Fluid
<u>4993-425474</u>	6/27/2018	\$3.09	V Belt Utility
<u>4993-425647</u>	6/29/2018	\$9.49	V Belt Utility
<u>4993-42827</u>	6/7/2018	\$18.98	Gage
		\$15.68	
Reference Number: 50732	Cultural Resources Consulting		
<u>IN 1</u>	6/8/2018	\$5,651.00	Ekone Park
		\$5,651.00	
Reference Number: 50733	Department of Commerce		
<u>CERB-1650</u>	6/27/2018	\$29,671.46	Loan #2
		\$29,671.46	
Reference Number: 50734	Emilio Russo		
<u>Invoice - 7/11/2018 2:08:50 PM</u>	7/11/2018	\$88.51	Close Acct 1536.0
		\$88.51	
Reference Number: 50735	Ennis Traffic Safety Solutions		
<u>352228</u>	6/14/2018	\$2,232.15	Paint
<u>353263</u>	6/26/2018	\$1,815.41	Paint
		\$416.74	
Reference Number: 50736	Firwood Ag Services		
<u>000206</u>	7/1/2018	\$4,196.80	216 W Darland, 428 E Burgen
<u>000209</u>	7/6/2018	\$376.25	KCPUD 105 E 21st St
		\$3,820.55	
Reference Number: 50737	Galls LLC		
<u>010077300</u>	6/8/2018	\$664.37	Supplies
<u>010105837</u>	6/12/2018	\$538.59	Boot
		\$125.78	
Reference Number: 50738	Gary Erickson		
<u>20856</u>	7/1/2018	\$202.61	401 S Columbus Ave
		\$202.61	
Reference Number: 50739	General Store		
<u>1310860</u>	6/21/2018	\$2.66	Poster Board
		\$2.66	
Reference Number: 50740	Gerald Matosich Attorney at Law		
<u>ZZ0078443.1</u>	7/2/2018	\$600.00	Daniel Solis
<u>ZZ0532207.1</u>	7/2/2018	\$360.00	Violet Saling
		\$240.00	
Reference Number: 50741	Goldendale Auto Supply		
<u>S5-3965833</u>	6/14/2018	\$165.74	1.5 Amp
<u>S5-3975911</u>	6/19/2018	\$34.18	Lamp, Grease
<u>S5-3977183</u>	6/20/2018	\$11.25	Alarm
<u>S5-3981883</u>	6/21/2018	\$86.28	Control Arm Bushing Kit
<u>S5-3991442</u>	6/25/2018	\$17.38	Glove
		\$16.65	

Reference	Date	Amount	Notes
Reference Number: 50742 <u>106060</u>	Goldendale Exhaust LLC 6/20/2018	\$88.69 \$88.69	2008 Ford Explorer
Reference Number: 50743 <u>750152</u>	Goldendale Glass 6/25/2018	\$25.00 \$25.00	Chip Repair
Reference Number: 50744 <u>03-1777085</u>	Goldendale Market Fresh 6/7/2018	\$43.98 \$43.98	Flowers
Reference Number: 50745 <u>148801</u> <u>148802</u> <u>148803</u> <u>148804</u> <u>148821</u>	Goldendale Sentinel 6/27/2018 6/27/2018 6/27/2018 6/27/2018 7/3/2018	\$358.00 \$24.00 \$28.00 \$28.00 \$28.00 \$250.00	Sum of Ord 1482 Sum of Ord 1483 Sum of Ord 1484 Sum of Ord 1485 Community Days
Reference Number: 50746 <u>311472</u>	Goldendale Tire Center 6/21/2018	\$98.90 \$98.90	Tire Repair
Reference Number: 50747 <u>2018-22</u> <u>Invoice - 7/11/2018 2:51:36 PM</u>	Goldendale, City of 7/10/2018 7/11/2018	\$6,555.14 \$667.50 \$5,887.64	Bulk Water Water/Sewer
Reference Number: 50748 <u>CL82207</u>	Hattenhauer Energy Co LLC 6/30/2018	\$2,188.23 \$2,188.23	fuel
Reference Number: 50749 <u>001075681539</u> <u>002000061204</u> <u>002097311242</u> <u>003023120919</u> <u>003026291020</u>	Holcombs Market 6/28/2018 6/19/2018 6/18/2018 6/12/2018 6/13/2018	\$62.08 \$5.98 \$29.69 \$10.00 \$5.35 \$11.06	Ice, Water Water, Forks, Spoons Dish Soap Dawn, Scrub Brush Batteries
Reference Number: 50750 <u>18-1869</u>	Klickitat Co Auditor 6/8/2018	\$100.00 \$100.00	Shirley Wilson
Reference Number: 50751 <u>18481</u>	Klickitat County PUD 6/27/2018	\$639.12 \$639.12	Brooks/Roosevelt
Reference Number: 50752 <u>7Z0980701.1</u>	Lori Lynn Hootor Attorney at Law 7/2/2018	\$125.00 \$125.00	Jourdan Prociw
Reference Number: 50753 <u>Invoice - 7/11/2018 3:26:59 PM</u>	Maria Hutchins 7/11/2018	\$41.42 \$41.42	Reimbursement

Reference	Date	Amount	Notes
Reference Number: 50754	Menke Jackson Beyer LLP	\$1,658.84	
Invoice - 7/12/2018 8:06:41 AM	6/30/2018	\$1,320.47	Acct 044
Invoice - 7/12/2018 8:07:22 AM	6/30/2018	\$264.31	Acct 017
Invoice - 7/12/2018 8:07:48 AM	6/30/2018	\$74.06	Acct 009
Reference Number: 50755	Miland Walling	\$76.30	
Invoice - 7/11/2018 3:28:26 PM	7/11/2018	\$76.30	Reimbursement
Reference Number: 50756	Norco Inc	\$43.86	
24113266	6/30/2018	\$43.86	Cylinder Rental
Reference Number: 50757	North Central Laboratories	\$392.92	
402403	2/14/2018	\$72.22	Hardness Buffer
408798	6/27/2018	\$320.70	Supplies
Reference Number: 50758	One Call Concepts Inc	\$23.54	
8069070	6/30/2018	\$23.54	Utility Notification
Reference Number: 50759	Optimist Printers	\$56.44	
42607	4/1/2018	\$56.44	Doug Frantum
Reference Number: 50760	ProRider Inc	\$497.99	
74423	6/27/2018	\$497.99	Bike Helmets
Reference Number: 50761	Quill Corporation	\$160.89	
8102919	6/25/2018	\$160.89	Batteries, Mr Clean, Coffee
Reference Number: 50762	Radcomp Technologies	\$13,296.42	
68907	6/29/2018	\$13,296.42	PD Laptops
Reference Number: 50763	Republic Services Inc	\$455.15	
0487-000578869	6/30/2018	\$455.15	Garbage Service
Reference Number: 50764	RH2 Engineering Inc	\$233.70	
70786	7/5/2018	\$233.70	Engineering Service
Reference Number: 50765	Richard Orthmann	\$37.44	
7544333-04/20/18	4/20/2018	\$4.00	Meds
7544333-05/17/18	5/17/2018	\$4.00	Meds
7544337-04/20/18	4/20/2018	\$2.72	Meds
7544339-06/15/18	6/15/2018	\$4.00	Meds
7544340-04/20/18	4/20/2018	\$4.00	Meds
7544340-05/17/18	5/17/2018	\$4.00	Meds
7570616-06/15/18	6/15/2018	\$4.00	Meds
7570632-06/15/18	6/15/2018	\$4.00	Meds
7570633-06/15/18	6/15/2018	\$4.00	Meds

Reference	Date	Amount	Notes
Reference Number: 50765 <u>7570635-06/15/18</u>	Richard Orthmann 6/15/2018	\$37.44 \$2.72	Meds
Reference Number: 50766 <u>1121102</u>	Sun Pacific Services Inc 7/2/2018	\$1,006.38 \$1,006.38	216 W Darland, 428 E Burgen
Reference Number: 50767 <u>Invoice - 7/12/2018 8:10:29 AM</u>	Tina Erickson 7/12/2018	\$50.00 \$50.00	Booth Reimbursement
Reference Number: 50768 <u>0255949150</u>	US Cellular 6/24/2018	\$1,258.65 \$1,258.65	Cell Phones
Reference Number: 50769 <u>4860</u>	Vision Municipal Solutions Llc 7/3/2018	\$918.27 \$918.27	Utility Bill Mailing
Reference Number: 50770 <u>L1300022 #4</u>	WA St Dept of Ecology 7/11/2018	\$82,100.76 \$82,100.76	Loan L1300022
Reference Number: 900907 <u>W101030</u>	HSA Bank Employee Plan Funding 7/5/2018	\$45.00 \$45.00	Service Fee
Reference Number: 900908 <u>359-2018_6</u>	Invoice Cloud 6/30/2018	\$163.60 \$163.60	Billor Portal
Reference Number: 900909 <u>Invoice - 7/11/2018 3:35:53 PM</u>	PAYA 6/30/2018	\$37.50 \$37.50	Admin
Reference Number: 900910 <u>Invoice - 7/11/2018 3:38:18 PM</u>	PAYA 6/30/2018	\$1,126.76 \$1,126.76	Water/Sewer

Register

Number	Name	Fiscal Description	Cleared	Amount
50685	Brown, Donald A	2018 - June 2018 - 2nd Concil Jun 2018		\$154.53
50686	Dept of Labor & Industries	2018 - June 2018 - 2nd Concil Jun 2018		\$9.24
50687	Employment Security	2018 - June 2018 - 2nd Concil Jun 2018		\$0.34
50693	Bostick Qrtly, Kenneth W	2018 - June 2018 - 2nd Concil Jun 2018		\$92.35
50694	Carper, Kayla M	2018 - June 2018 - 2nd Concil Jun 2018		\$73.88
50695	Delangis, Michael B Qrtly	2018 - June 2018 - 2nd Concil Jun 2018		\$307.46
50696	Foss, Nicholas J	2018 - June 2018 - 2nd Concil Jun 2018		\$46.17
50697	Grimes, Kevin	2018 - June 2018 - 2nd Concil Jun 2018		\$83.11
50698	Halm , John	2018 - June 2018 - 2nd Concil Jun 2018		\$203.17
50699	Halm , Noah M (Qrtly)	2018 - June 2018 - 2nd Concil Jun 2018		\$401.72
50700	Halm, Adam P	2018 - June 2018 - 2nd Concil Jun 2018		\$156.99
50701	Hewey, Frank T	2018 - June 2018 - 2nd Concil Jun 2018		\$230.87
50702	Howell, Cameron M	2018 - June 2018 - 2nd Concil Jun 2018		\$360.16
50703	Hudson, Marty Qrtly	2018 - June 2018 - 2nd Concil Jun 2018		\$129.29
50704	Huwe, Robert B Qrtly	2018 - June 2018 - 2nd Concil Jun 2018		\$277.05
50705	Kartes Qrtly, Sohn L	2018 - June 2018 - 2nd Concil Jun 2018		\$475.60
50706	Leroue, Chance O	2018 - June 2018 - 2nd Concil Jun 2018		\$147.76
50707	Neher Qrtly, Timothy D	2018 - June 2018 - 2nd Concil Jun 2018		\$392.49
50708	Oldfield, Kiel G	2018 - June 2018 - 2nd Concil Jun 2018		\$18.47
50709	Ontiveros, Filiberto	2018 - June 2018 - 2nd Concil Jun 2018		\$332.46
50710	Ontiveros, Julianna	2018 - June 2018 - 2nd Concil Jun 2018		\$452.51
50711	Ontiveros, Vanaesa J	2018 - June 2018 - 2nd Concil Jun 2018		\$203.17
50712	Pedersen, Rob	2018 - June 2018 - 2nd Concil Jun 2018		\$267.81
50713	Priddy, Katherine	2018 - June 2018 - 2nd Concil Jun 2018		\$866.60
50714	Randall, Joseph R	2018 - June 2018 - 2nd Concil Jun 2018		\$249.34
50715	Randall, Steven Qrtly	2018 - June 2018 - 2nd Concil Jun 2018		\$420.98
50716	Stelljes Qrtly, Michael	2018 - June 2018 - 2nd Concil Jun 2018		\$230.87
50717	Sullivan Qrtly, Zachary L	2018 - June 2018 - 2nd Concil Jun 2018		\$424.81
50718	Sullivan, Zachary	2018 - June 2018 - 2nd Concil Jun 2018		\$115.03
50719	Twohy, Kirstin R	2018 - June 2018 - 2nd Concil Jun 2018		\$129.29
50720	American Family Life	2018 - June 2018 - 2nd Concil Jun 2018		\$475.55
50721	Deferred Comp Program	2018 - June 2018 - 2nd Concil Jun 2018		\$405.00
50722	Dept of Labor & Industries	2018 - June 2018 - 2nd Concil Jun 2018		\$1,412.07
50723	Dept of Retirement	2018 - June 2018 - 2nd Concil Jun 2018		\$11,138.15
50724	Employment Security	2018 - June 2018 - 2nd Concil Jun 2018		\$61.86
50725	ICMA Retirement Trust (Plan 302195)	2018 - June 2018 - 2nd Concil Jun 2018		\$112.50
900905	City of Goldendale	2018 - June 2018 - 2nd Concil Jun 2018		\$25.94
900906	City of Goldendale	2018 - June 2018 - 2nd Concil Jun 2018		\$18,973.10

Number	Name	Fiscal Description	Cleared	Amount
Direct Deposit Run - 7/5/2018	Payroll Vendor	2018 - June 2018 - 2nd Concl Jun 2018		\$46,353.92
				\$86,211.61

AGENDA BILL: C1

AGENDA TITLE: SIX YEAR STREET PLAN

DATE: JULY 16, 2018

ACTION REQUIRED:

ORDINANCE_____ COUNCIL INFORMATION_____X_____

RESOLUTION_____ OTHER_____

MOTION_____

EXPLANATION:

FISCAL IMPACT:

ALTERNATIVES:

STAFF RECOMMENDATION:

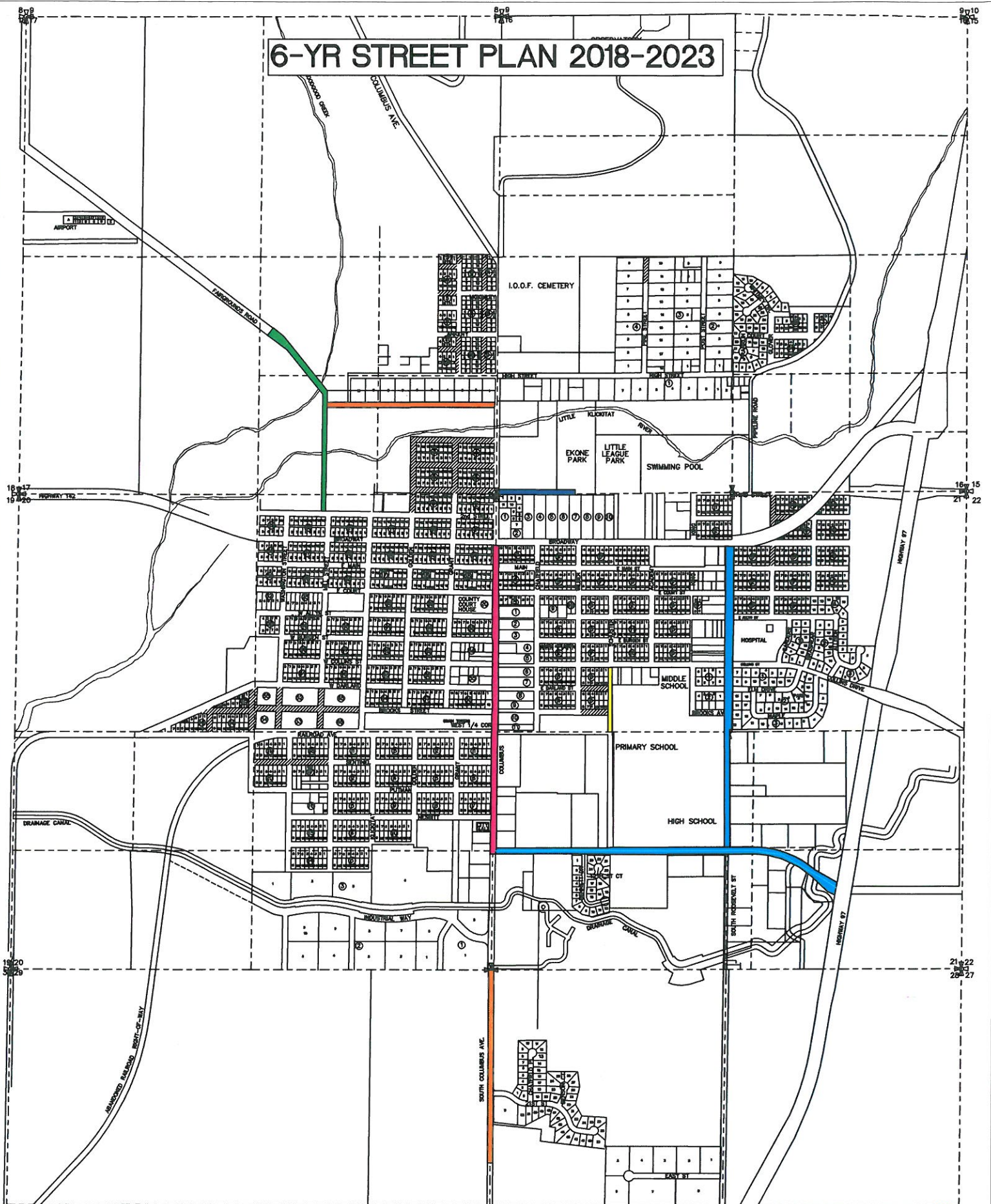
MOTION:

2018-2023 PROJECTS

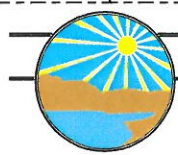
6-YR street plan

Year	Project	Improvement	Limits	PCR Score	Funds	PE-City	PE-TIB	CN-City	CN-TIB	Total
2019	West Byars	Reconstruction	Mill to Columbus	18	\$ 550,000	\$ 9,167	\$ 45,833	\$ 49,500	\$ 445,500	\$ 550,000
2019	Columbus Ave.	Overlay	Broadway to Simcoe Drive	63	\$ 200,000	\$ 10,000	\$ 15,000	\$ 6,750	\$ 168,250	\$ 200,000
2020	North Mill	Reconstruction	Broadway to City Limits	28	\$ 550,000	\$ 16,500	\$ 148,500	\$ 38,500	\$ 346,500	\$ 550,000
2021	S. Roosevelt	Chip Seal	Broadway to Simcoe	72	\$ 70,000	\$ 700	\$ 6,300	\$ 6,300	\$ 56,700	\$ 70,000
2021	East Simcoe	Chip Seal	SR97 to Columbus	77	\$ 80,000	\$ 800	\$ 7,200	\$ 7,200	\$ 64,800	\$ 80,000
2022	S. Schuster	Reconstruction	Collins to Primary School	36	\$ 450,000	\$ 13,500	\$ 121,500	\$ 31,500	\$ 283,500	\$ 450,000
2023	3rd st. ext.	New road	Columbus to Wilbur	N/A	\$ 450,000	\$ 13,500	\$ 121,500	\$ 31,500	\$ 283,500	\$ 450,000
TOTAL						\$ 84,167	\$ 495,833	\$ 184,750	\$ 1,985,250	\$ 2,350,000

6-YR STREET PLAN 2018-2023



- PROJECT YEAR**
- 2018
 - 2019
 - 2020
 - 2021
 - 2022
 - 2023



CITY OF GOLDENDALE

LEGEND
VACATED STREET



AGENDA BILL: E1

AGENDA TITLE: FILIBERTO ONTIVEROS – NATIONAL NIGHT
OUT

DATE: JULY 16, 2018

ACTION REQUIRED:

ORDINANCE _____ COUNCIL INFORMATION _____ X _____

RESOLUTION _____ OTHER _____

MOTION _____

EXPLANATION:

FISCAL IMPACT:

ALTERNATIVES:

STAFF RECOMMENDATION:

MOTION:



CITY OF GOLDENDALE FIRE DEPARTMENT

225 W. Court Street
Goldendale, WA

Phone 509-773-4240
Fax 509-773-4444
gdalefire@gorge.net

The Goldendale City Fire Department is planning a National Night Out event in Goldendale on September 12, 2018. The Goldendale Night Out will be an evening for the public safety agencies to join together with the community for an evening of fun, activities and learning. The objective of National Night Out is to allow communities and public safety personnel the opportunity to mingle together in a social environment, all in an effort to improve relationships of trust between both groups.

We are working together with public safety agencies in Fire, EMS and Law Enforcement to bring demonstrations of K9, Search and Rescue and Fire Safety.

The event is scheduled to commence at 5pm on Sept 12, 2018.

At 5:15 Pm a procession of Police, Fire and other public safety vehicles will drive through town from through the established parade route. Schuster and Simcoe to Columbus.

Special demonstrations by Fire, Police and EMS will begin at 6:30pm until the conclusion of the event at 8 pm.

Organizations that provide services to the community are invited to reserve a booth at event.

To request a booth, submit registration form to Goldendale Fire, or online at
<https://goo.gl/forms/MGxDhZhaR7XQRocl1>

For registration information contact Filiberto Ontiveros with Goldendale Fire at
Fontiveros.gdalefire@gmail.com

We look forward to working with your organization to make a stronger community.

Sincerely,

Filiberto Ontiveros, Lieutenant
Goldendale Fire Department
Goldendale Night Out Committee

GOLDENDALE NIGHT OUT

Free community event,
all ages welcome.

Sept 12, 2018



FIRE . POLICE
EMS

“ONE COMMUNITY COMING TOGETHER”

Organization Name: _____

Email: _____ Contact Phone: _____

Representative Name: _____

Description of Organization: _____

Requested Booth Description

Table/Chairs (if available)

Emergency Vehicle Parking/Demonstration and Parade

Type of Vehicle/Apparatus: _____

GOLDENDALE NIGHT OUT

Free community event,
all ages welcome.



**FIRE . POLICE
EMS**

“ONE COMMUNITY COMING TOGETHER”

**Free public event Fire, Police and EMS
Strengthening ties with the community!**

**Games - Information -
Exhibit of Emergency Vehicles**

Date: September 12, 2018

Time: 5pm-8pm

Location: TBA

AGENDA BILL: E2

AGENDA TITLE: TODD JACOBSEN, WILDLIFE CONFLICT
SPECIALIST – DEER POPULATION
CONCERNS

DATE: JULY 16, 2018

ACTION REQUIRED:

ORDINANCE_____ COUNCIL INFORMATION_____X_____

RESOLUTION_____ OTHER_____

MOTION_____

EXPLANATION:

FISCAL IMPACT:

ALTERNATIVES:

STAFF RECOMMENDATION:

MOTION:

Living with Wildlife

Deer

Deer are among the most familiar animals of Washington, and in many places they are the largest wildlife that people encounter. Their aesthetic beauty is appreciated and admired, although their fondness for garden and landscape plants tries some peoples' patience.

Two species and four subspecies of deer occur in the state (Table 1).

Table 1. Washington State Deer

Rocky Mountain mule deer (*Odocoileus hemionus hemionus*, Figs. 1 and 2), or mule deer, inhabit areas east of the Cascades in Washington, preferring open forests and sagebrush meadows.

During summer, mule deer are tan to light brown; during winter, they are a salt-and-pepper gray. They have large, dark-edged ears, from whence they derive their name. The 7 to 8 inch tail of a mule deer is white, except for a black tip. Mule deer are the largest deer in Washington. Adult bucks weigh up to 250 pounds; adult does weigh 120 to 170 pounds.

Columbian black-tailed deer (*Odocoileus hemionus columbianus*, Fig. 2) are our most common deer subspecies. They occur from the crest of the Cascades west to the ocean, preferring brushy, logged lands and coniferous forests.

Many of the physical characteristics of black-tailed deer are similar to those of the larger mule deer. The tail is broader and the backside of the tail is covered with dark brown hair that grades to black near the tip. When alarmed or fleeing from danger, the tail may be raised, displaying the broad, white underside. Adult black-tailed deer bucks weigh 140 to 200 pounds and adult does weigh 90 to 130 pounds.

White-tailed deer (*Odocoileus virginianus*, Fig. 2) occur in eastern Washington on farmlands, in low-elevation stream and river corridors, and near populated areas.

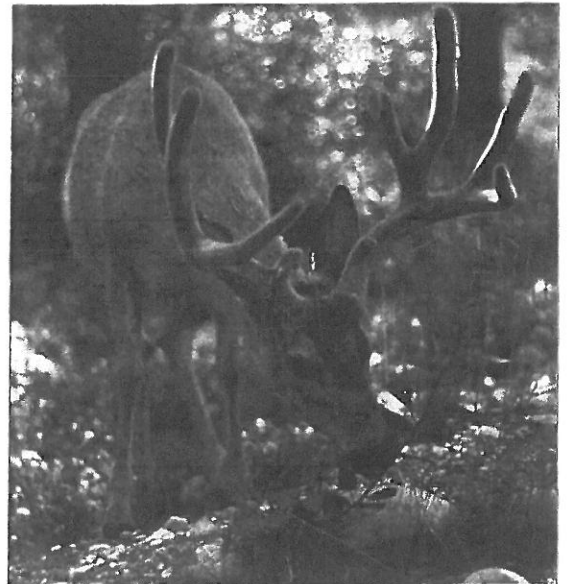
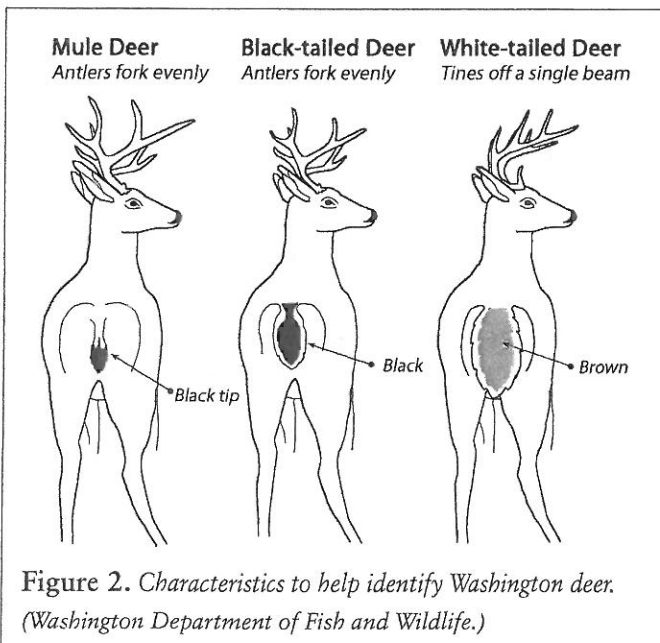


Figure 1. Mule deer are the largest deer in Washington.

(Washington Department of Fish and Wildlife.)



White-tailed deer are usually reddish tan in summer and brownish gray in winter. They derive their name from their broad, 10 to 11 inch long tail. When alarmed, white-tailed deer raise their flaglike tail, displaying the white underside. White-tailed bucks weigh 150 to 200 pounds and adult does tip the scales at 110 to 140 pounds.

Columbian white-tailed deer (*Odocoileus virginianus leucurus*) are found in limited areas along the lower Columbia River. Once common in other areas, this species was federally listed as an Endangered species in Washington and Oregon in 1967.

Hybrids of mule deer/black-tailed deer and mule deer/white-tailed subspecies of white-tailed deer are known to occur. Mule deer/black-tailed deer hybrids are common where their ranges overlap. Mule deer/white-tailed deer hybrids are not common, but are occasionally seen where both species occur in close proximity.

Facts about Washington Deer

Food and Feeding Habits

- Deer eat a wide variety of plants, but their main food item is browse—the growing tips of trees and shrubs. In late winter and early spring, deer eat grass, clover, and other herbaceous plants (Table 2).
- Deer also eat fruit, nuts, acorns, fungi, lichens, and farm and garden crops if available.
- For their first few weeks of life, fawns thrive on milk, which is more than twice as rich in total solids as the best cow milk.
- Deer eat rapidly and, being ruminants, initially chew their food only enough to swallow it. This food is stored in a stomach called the “rumen.” From there it is regurgitated, then re-chewed before being swallowed again, entering a second stomach where digestion begins. From there it is passed into a third and then a fourth stomach, finally entering the intestine.

Shelter and Range Needs

- Deer are sometimes referred to as “edge” species, meaning they thrive at the interface of openings and cover patches. This allows deer to feed in productive openings while being close to escape cover.
- Many wooded suburban environments, such as parks, greenbelts, golf courses, and roadsides, meet the needs of deer.
- Mule deer can move long distances during spring and fall migrations to avoid mountain snow. Mule deer summering in the Cascades migrate as far as 80 miles to reach adequate winter range.
- Black-tailed and white-tailed deer normally reside within a ½ to 3 square-mile area; in mountainous locations, they move to lower elevations for the winter.

Reproduction and Family Structure

- Deer breed during a rutting season that normally occurs in November and December. Bucks compete for the right to breed using ritualized posturing and movements, and occasionally through intense fighting.
- Unlike elk, deer bucks do not herd groups of females; however, a single mature buck may breed with several females.
- Pregnancy lasts 180 to 200 days. Younger does give birth to one fawn, while does three to nine years of age and in good condition often have twins. White-tailed deer will occasionally have triplets.
- Newborn fawns nurse soon after birth and can walk on spindly legs almost immediately.
- Adult bucks take no part in raising fawns, and generally remain solitary or form bachelor groups throughout the summer.
- Family groups usually consist of a doe and her fawns, and sometimes her fawns from the previous year. Occasionally, groups of several does may be seen together.
- In winter, deer may be observed in larger groups of 15 to 30, usually grouping because they are concentrated in limited winter habitat.

Mortality and Longevity

- Cougars, bears, coyotes, and domestic dogs prey on adult deer; young fawns fall victim to these species as well as to eagles and bobcats.
- Hunting, vehicles, and diseases all take their toll on deer. In many deer populations, hunting dampens the effects of other mortality factors; as hunting mortality decreases, other forms of mortality tend to increase, and vice versa.
- Few deer live longer than ten years, and most live for no more than five.

Viewing Deer

Deer often become very habitual in their activities. They show up at the same time and follow the same trails, taking paths of least resistance. Although deer may be active at any time of day, they are most active near dawn and dusk (a pattern of activity called "crepuscular"). Typically, deer feed in open habitats such as meadows and clearcuts, retreating to more secure areas, such as thickets and closed canopy forests, to rest and chew their cud.

To observe deer, position yourself at dawn or dusk near cover in a good deer-feeding area. Remain absolutely still, because deer are alert for any movement. They also have a good sense of smell; stay downwind of the feeding area to prevent deer from detecting your scent. Deer in wild hunted areas will probably not stay around long if they notice you; deer in areas where hunting is not permitted are more likely to tolerate your presence.

Conditions in the fall can make for good deer viewing. Bucks are battling each other for females and are not as concerned about staying hidden. Leafless trees afford you greater visibility, and when it is raining there is less chance of you being heard crunching through an area. However, be aware of open hunting seasons during this time of year and wear bright orange clothing for your safety.

Winter can be a good time to view deer because they are often concentrated at lower elevations. This is a critical time for deer and, if harassed, deer will expend vital energy to flee the harassment. However, during winter deer can often be observed without harassment by using binoculars and spotting scopes to scan open, sunny areas, especially those with significant shrub cover.

Finally, never approach a deer closely; if threatened it can cause serious injury. Doe deer especially will go to great lengths to defend their young.

Tracks and Trails

Deer tracks are easy to identify. In a normal hoof print, the two roughly teardrop-shaped halves print side by side to form a split heart (Fig. 4). When a deer is walking on a slippery surface, such as mud or snow, its hooves are likely to be spread into a V, which helps keep the deer from sliding forward.

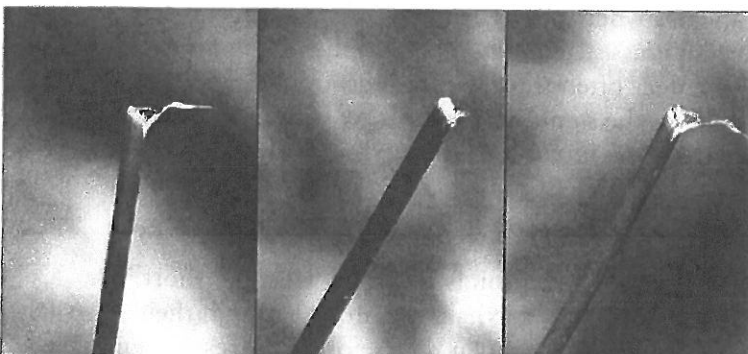


Figure 5. Rather than biting off vegetation like a horse does, deer grasp the plants between the upper pad and their lower incisors, and with a quick upward jerk of the head, snap or tear off a mouthful of vegetation. Deer browsing results in twig ends having a ragged appearance; plants browsed by rabbits, porcupines, and other rodents appear neatly clipped.

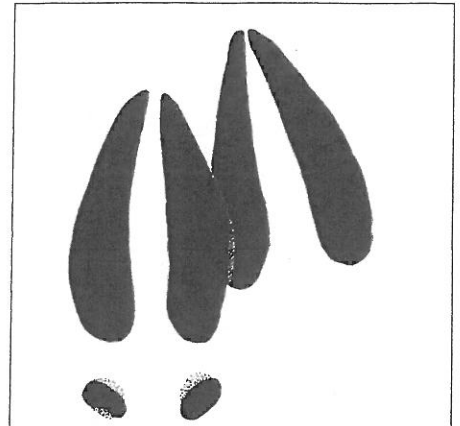


Figure 4. Deer tracks are 1½ to 3¼ inches long. The smallest prints belong to fawns and the largest to mature bucks. The small dewclaws shown here on a mule deer track may not register.

(From Pandell and Stall, *Animal Tracks of the Pacific Northwest*.)

Deer have regular routes through their home range; these become well-worn trails that look a little like narrow human footpaths. The trails are clear of low vegetation, but are not bare unless they are in shade or are heavily used by deer and other mammals.

Droppings

Deer droppings vary greatly in size and shape, but are easy to identify. Most of the year they are deposited in a group of 20 to 30 dark cylindrical pellets with one flat or concave end and one pointed end. Individual pellets are ½ to ¾ inch long; individual piles are 4 to 6 inches in diameter. When deer are feeding on moist vegetation, the pellets stick together and form clumps. New droppings have a shiny, wet appearance for a few days and then lighten in color as they age.

Feeding Areas

In areas where many deer live, a noticeable “browse line” appears on trees where the deer have repeatedly reached up to eat low-hanging twigs and branches. Similarly, the tops of shrubs may be browsed, leaving only a few inside branches extending upward. Browsing seldom occurs more than 4 feet above the ground, except in areas with deep snow.

Browsing by deer can usually be identified since twig ends deer have browsed have a ragged appearance, while those browsed by rabbits, porcupines, and other rodents have a neat, clipped appearance. This is because deer lack upper incisors and canine teeth, and cannot nip off twigs. Instead they must press foods between their hard upper palates and their bottom teeth, and jerk their heads up to tear it free (Figs. 5 and 6).

However, when deer browse new growth they leave a clean, blunt stem-end, where the tender shoots break off. The height of the clipped plant will then be the indicator of what species ate it.

When browse and other green foods are no longer available, deer strip bark from young trees.

Rubbing Sites

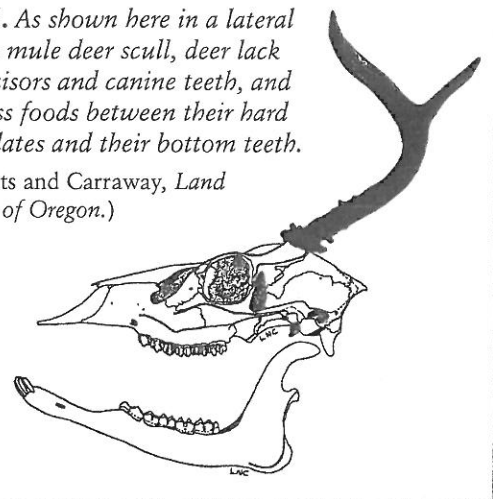
Bucks scrape off the velvet covering their antlers by rubbing them against young trees and shrubs (Fig. 7). These rubbing sites also communicate their presence and breeding readiness to other deer. This communication has several facets: the visual sign left by the buck's rubbing, chemical signals left from glands on the buck's face, and the sound of the buck thrashing branches of the tree on which it is rubbing.



Figure 7. Bucks rub their antlers against trees and shrubs. This leaves the bark in a shredded condition, often with long frayed strips of bark hanging at the top of the barked area. Rubbing is generally restricted to an area between 1.5 to 3.5 feet above ground.

Figure 6. As shown here in a lateral view of a mule deer skull, deer lack upper incisors and canine teeth, and must press foods between their hard upper palates and their bottom teeth.

(From Verts and Carraway, *Land Mammals of Oregon*.)



Although antlers are bonewhite when the velvet is first removed, they become stained various shades of brown as plant compounds accumulate through constantly being rubbed by brush and trees. The color results from a chemical reaction of the plant compounds with the air, in a process known as oxidation. (See the handout “All About Antlers” for more information.)

Bedding Areas

An area of flattened vegetation 3 to 4 feet long and 2 to 3 feet wide indicates where a deer has bedded down. Deer sleep in dense cover or tall grasses and may return to the same spot over many days. Since deer often travel in small groups, there may be several “deer beds” in the same vicinity. During winter, similarly sized depressions in the snow, often littered with old hairs, characterize bed-sites.

Calls

The best-known vocalization is an alarm whistle, “snort,” or “blow,” made when deer exhale forcefully through their nostrils. The sound resembles a sudden release of high-pressure air. The snort is a danger call that alerts all deer in the area of a potential predator.

Older fawns commonly bleat when frightened, and older deer sometimes do as well. Doe deer call to their hidden fawns with a soft, gentle mewing sound, and fawns respond quickly to this call by seeking the side of their mother. Bucks make a grunt during the rut.

Tips for Attracting Deer

Although property owners with large acreage can provide significant deer habitat, those with small acreage can also contribute. Keep in mind that deer may damage ornamental plants and gardens, and might also attract animals that prey on deer, such as cougar and bear.

The best way to attract deer to your property is to protect and maintain deer habitat:

- Provide hiding cover. Deer use hiding cover year-round during resting periods throughout the day, but it is especially important during hunting season and the first few months of a fawn's life. Hiding cover can consist of stands of trees or dense shrubs. Where cover is limited, providing large, disturbance-free areas may still encourage use by deer.
- Conserve areas with forage plants that deer prefer (Table 2).
- Prevent infestations of noxious weeds that degrade areas containing preferred food plants (contact your county extension office for information).
- Conserve vegetation along streams and other freshwater areas and avoid placing roads near these areas, which are among the most favored habitats of deer. Consider developing artificial watering areas if water is scarce on your property.
- If a contractor is clearing vegetation, make sure the contract states that the contractor will be held responsible for plant restoration or alternate improvements if areas set aside for deer are inadvertently cleared. Temporarily fence important areas and supervise the work to keep disturbances to a minimum.
- Consult with local resource management agencies for advice on specific habitat-management activities that may be highly effective in your local area. These activities might include prescribed burning to rejuvenate shrub species, fertilizing of old fields to increase palatability of forage to deer, and not mowing areas that provide food and shelter.
- Do not let dogs run loose and chase deer. This fatigues and weakens deer, especially when they are forced to run on crusty snow. Deer can also be killed by dogs, either directly or indirectly, because fleeing burns up energy needed to combat cold and starvation. Dogs running in packs are even more threatening to deer. Some county laws provide for shooting dogs and/or fining their owners if dogs are observed harassing wildlife. (See Appendix D for additional information.)
- Inform guests, visitors, and contractors coming to your property that you do not allow dogs to roam free.
- Property fences and wire fences constructed on ranges used by deer should have a 17-inch gap at the bottom to let fawns and adult deer pass beneath them, and be no more than 4 feet high to let adults jump safely over them.

For additional information, see "Tips for Attracting Elk" in Elk.

Table 2. Food Plants used by Washington Deer.

Mule Deer	Black-Tailed Deer	White-Tailed Deer
Trees and Shrubs		
Serviceberry, <i>Amelanchier alnifolia</i>	Vine maple, <i>Acer circinatum</i>	Serviceberry, <i>Amelanchier alnifolia</i>
Sagebrush, <i>Artemisia tridentata</i>	Red alder, <i>Alnus rubra</i>	Sagebrush, <i>Artemisia tridentata</i>
Deer brush, <i>Ceanothus integerrimus</i>	Serviceberry, <i>Amelanchier alnifolia</i>	Deer brush, <i>Ceanothus integerrimus</i>
Snowbush, <i>Ceanothus velutinus</i>	Snowbush, <i>Ceanothus</i> spp.	Crabapple, <i>Malus</i> spp.
Rabbitbrush, <i>Chrysothamnus</i> spp.	Deer brush, <i>Ceanothus integerrimus</i>	Bitter cherry, <i>Prunus emarginata</i>
Red-twig dogwood, <i>Cornus sericea</i>	Hazelnut, <i>Corylus cornuta</i>	Douglas-fir, <i>Pseudotsuga menziesii</i>
Winterfat, <i>Eurotia lanata</i>	Hawthorn, <i>Crataegus columbiana</i>	Bitterbrush, <i>Purshia tridentata</i>
Juniper, <i>Juniperus</i> spp.	Salal, <i>Gaultheria shallon</i>	Willow, <i>Salix</i> spp.
Mock-orange, <i>Philadelphus lewisii</i>	Douglas-fir, <i>Pseudotsuga menziesii</i>	Western red-cedar, <i>Thuja plicata</i>
Ninebark, <i>Physocarpus capitatus</i>	Oak, <i>Quercus</i> spp.	
Ponderosa pine, <i>Pinus ponderosa</i>	Cascara, <i>Rhamnus purshiana</i>	
Bitter cherry, <i>Prunus emarginata</i>	Blackberry, <i>Rubus</i> spp.	
Douglas-fir, <i>Pseudotsuga menziesii</i>	Thimbleberry, <i>Rubus parviflorus</i>	
Bitterbrush, <i>Purshia tridentata</i>	Salmonberry, <i>Rubus spectabilis</i>	
Golden current, <i>Ribes aureum</i>	Willow, <i>Salix</i> spp.	
Wild rose, <i>Rosa</i> spp.	Elderberry, <i>Sambucus</i> spp.	
Thimbleberry, <i>Rubus parviflorus</i>	Western red-cedar, <i>Thuja plicata</i>	
Willow, <i>Salix</i> spp.	Red huckleberry, <i>Vaccinium parvifolium</i>	
Snowberry, <i>Symphoricarpos albus</i>		
Forbs and Legumes		
Balsamroot, <i>Balsamorhiza</i> spp.	Pearly everlasting, <i>Anaphalis margaritacea</i>	Alfalfa, <i>Medicago sativa</i>
Prickly lettuce, <i>Lactuca serriola</i>	Balsamroot, <i>Balsamorhiza</i> spp.	Burnet, <i>Sanguisorba</i> spp.
Twinsflower, <i>Linnaea borealis</i>	Fireweed, <i>Epilobium angustifolium</i>	Dandelion, <i>Taraxacum</i> spp.
Alfalfa, <i>Medicago sativa</i>	Cat's ear, <i>Hypochaeris</i> spp.	Clover, <i>Trifolium</i> spp.
Burnet, <i>Sanguisorba</i> spp.	Alfalfa, <i>Medicago sativa</i>	
Dandelion, <i>Taraxacum</i> spp.	Clover, <i>Trifolium</i> spp.	
Clover, <i>Trifolium</i> spp.	Vetch, <i>Vicia</i> spp.	
Trefoil, <i>Trifolium</i> spp.		
Grasses and Other		
Wheatgrass, <i>Agropyron</i> spp.	Oats, <i>Avena fatua</i>	Wheatgrass, <i>Agropyron</i> spp.
Oats, <i>Avena fatua</i>	Deer fern, <i>Blechnum spicant</i>	Orchard grass, <i>Dactylis glomerata</i>
Cheatgrass, <i>Bromus tectorum</i>	Bluegrass, <i>Poa</i> spp.	Fescue, <i>Festuca</i> spp.
Bluegrass, <i>Poa</i> spp.	Sword fern, <i>Polystichum munitum</i>	Lichen
Wheat, <i>Triticum aestivum</i>	Wheat, <i>Triticum aestivum</i>	Mushrooms and other fungi
Lichen	Lichen	
Mushrooms and other fungi	Mushrooms and other fungi	
	Seaweed	

Deer Fawns and What to Do If You Find One

To reduce the risks of a predator locating her fawn, a doe seeks seclusion just prior to birth, trying to be less conspicuous by avoiding other deer. For the first few weeks of the fawn's life, the doe keeps the fawn hidden except for suckling bouts. The doe may also feed and bed a considerable distance from the fawn's bed site. This way, even if a predator detects the doe, the fawn may still have a chance of avoiding detection.

To further keep her fawn safe from predators, the doe consumes the fawn's urine and droppings to help keep the fawn as scent-free as possible. The droppings provide the mother with further nutrition at a time when it is much needed.

When not nursing, the fawn curls up in a bed site and remains motionless, its white spots blending in well with the sun-flecked ground. Fawns lose their spots at 90 to 120 days of age, when they begin growing their winter coats.

Every year, wildlife departments and wildlife rehabilitators receive calls about "orphaned" fawns. Callers are told that in the spring it is a perfectly natural occurrence to come across a fawn that is seemingly by itself in the woods. The fawn is probably not alone; its mother is nearby, aware, and attentive.

The advice to anyone encountering a fawn lying quietly alone in the woods is to leave it alone. Mother will be nearby and will be taking care of it once you move away.

If you have handled the fawn, rub an old towel in the grass and wipe the fawn to remove human scent. Using gloves, return the fawn to where it was found. Fawns can often be returned to their mothers if taken back to where they were found within eight hours.

If a fawn appears cold, weak, thin, or injured, and its mother does not return in approximately eight hours, it may be orphaned. In such a case, you can call a local rehabilitator (look under "Animal" or "Wildlife" in your phone directory) or your local Department of Fish and Wildlife Regional Office for the name and phone number of a rehabilitator in your area. (For additional information, see "Wildlife Rehabilitators and Wildlife Rehabilitation.")



In the spring it is a perfectly natural occurrence to come across a fawn that is seemingly by itself.

(Washington Department of Fish and Wildlife.)

Preventing Conflicts

In most places deer are valued as watchable wildlife or as game animals. However, where hunting is limited or no longer permitted and natural predators are few, deer populations can increase to a point where human/deer conflicts become a concern.

Problems associated with high deer populations include damage to crops, ornamental plants, restoration and reforestation projects, and deer/vehicle collisions. (See the handout "Tips for Driving in Deer Country.")

Problem areas are often where new development has appeared in traditional deer habitat. Those who live on the edges of new developments, or adjacent to undeveloped areas, may experience higher deer damage than others

whose homes are within developments or otherwise buffered by urbanization. However, deer readily adapt to human activity and are seen in unlikely places at times.

If deer damage is occurring on commercial property, a wildlife agent from your local wildlife department can assist you in evaluating damage-control options. Your local wildlife office may also have cost-share or other programs available to help you manage deer on your property.

Deer Fences

When deer browsing is moderate to severe, or a landowner isn't willing to tolerate even a limited amount of damage, fencing to exclude deer is the only option. However, traditional deer fences are not always practical because of appearance, zoning restrictions, cost, or rugged terrain. In such cases, another type of barrier described below may be appropriate.

Before installing a deer fence, ask these questions:

- Must my entire property be protected or only certain parts, or certain plants?
- Is this need temporary, such as to protect young trees for a few years?
- Are there visual constraints, including aesthetics, or your neighbor's or a passerby's view?
- Are there any community or local government regulations or restrictions?
- Is building a fence time- and cost-effective, or should other methods be considered, even though they are not as effective?

Before you build: If you decide to build or have a fence built, construct it properly. A poorly constructed deer fence is dangerous to the deer, and will not protect your valuable plants. If a deer fence exists nearby, ask the property owner about its effectiveness, its construction, and who built it. To locate a fence builder, look under "Fence Contractors" in your phone directory. Request references and follow up on them before hiring any contractor.

If you build a deer fence yourself, carefully measure the area to insure the efficient use of fence rolls. (You don't want to end up having to cut a small length of fence from a new and potentially expensive roll). In addition, make sure you know where your property line is—existing fences may not be on your property. Never fence across an easement without notifying the necessary authority.

Fencing facts:

- It is easier to build a fence while the land is vacant; when possible, fence an area before you plant an orchard or a garden.
- Enclose the entire area needing protection (including driveways). Deer will wander the perimeter of the fenced area until they find an opening.
- Keep fencing material flush to the ground (including under gates). Fill dips with gravel, rocks, logs, or other suitable material. Incredibly, deer will try to either crawl under or squeeze through a fence before jumping over it.
- Deer can be excluded from areas with a properly constructed and maintained 6 to 8-foot high fence (Figs. 9 and 10). The higher fence will be needed in an area with many deer and a low supply of wild food.
- A board fence or hedge that prevents deer from seeing a safe landing zone on the other side need be only 5 1/2 feet high.
- The larger the area being enclosed, the more travel patterns will be disrupted, and the more pressure the fence will receive.
- Large areas with high deer pressure should be fenced with woven-wire deer fencing or a high-tensile electric wire. Heavy-duty black polypropylene deer fencing is commercially available and useful where other fencing is visually obtrusive.

- Information on corner bracing, stretching wire, and other fence-building details can be obtained from fencing material suppliers.

Major materials include sturdy, rot-resistant wooden corner posts set in concrete (optional), wooden or studded steel T line posts, woven-wire fencing, and gates.

If needed, extensions can be attached to the top of the fence to prevent deer or elk from jumping over. A 2-foot high band of chicken wire can be added to the bottom to exclude rabbits and hares.

Electric fences: A properly designed and maintained electric fence can be very effective at preventing deer from entering an enclosed area as small as a vegetable garden or an area as large as a commercial orchard. One or two hot wires can also be strategically placed to keep other animals out of chicken coops, ponds, and other areas.

Electric fences work by delivering a high-voltage but low amperage jolt that won't set fire to plants or injure animals or humans. Some fences are built with alternating positive and negative wires so an animal receives a shock when it touches both wires simultaneously. More commonly, the animal completes the circuit when it touches a hot wire while standing on the ground. The advantage of this design is that the animal only has to touch one wire to receive a shock. One disadvantage is that plants must be kept from contacting the wire or the fence will short circuit. (Newer low-impedance chargers make this less of a problem.)

A fence with eight wires evenly spaced to 80 inches is believed to be adequate to keep deer out of an enclosed area (Fig. 11). Due to the variables affecting your selection of a power source, and fence design and operation, it is best to consult a reputable dealer for the specifics regarding its use (look under "Fence Contractors" in your phone directory). Information is also available from farm supply centers. Most home improvement centers carry units suitable for protecting gardens. Consult your local zoning office and neighborhood covenants to determine if electric fences are permitted where you live.

Here is some general information on electric fences:

- An electric fence is not a physical barrier to entry. It acts as a psychological barrier that some deer will continually test. Because of this, it is important that your fence be properly designed, installed, powered, and maintained.
- Maintenance visits are required at least every two weeks to check the voltage and to rectify any problems, such as fixing sagging wires. However, inspections every two days will be necessary during the first three weeks after installation. This is to make certain that animals encountering the fence for the first time don't damage the fence or get injured.
- An electric fence can be less expensive to build than woven wire fences, but requires more effort to maintain and will not last as long.
- Recently available electric polywire/tape fencing is much wider and is meant to also work as a visual repellent. It is less expensive, relatively portable, and easy to install. Also, it can easily be removed for mowing or

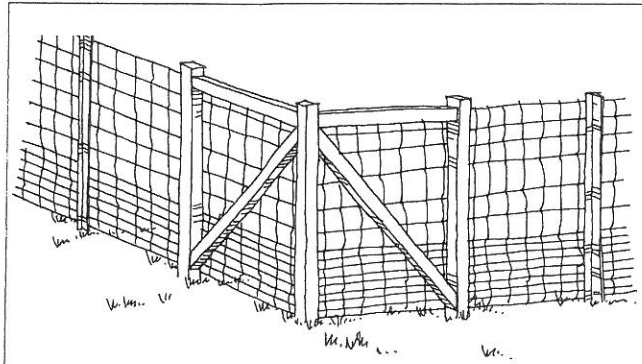


Figure 9. An electric 6 to 8 foot woven-wire fence presents a formidable deer (and elk) barrier when properly constructed and maintained. The 20-year life span of a well-built fence can justify its cost.

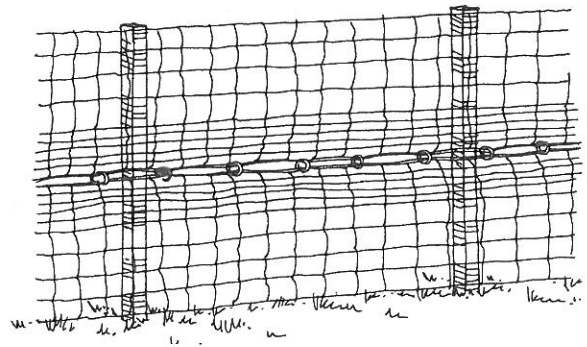


Figure 10. If two widths of woven-wire field fencing are combined, secure them together with hog rings at approximately 18-inch intervals. To allow small mammals access through the fence, invert the lower fence run so the larger openings are at the bottom. (Drawings by Jenifer Rees.)

farming and moved to other locations as the need arises.

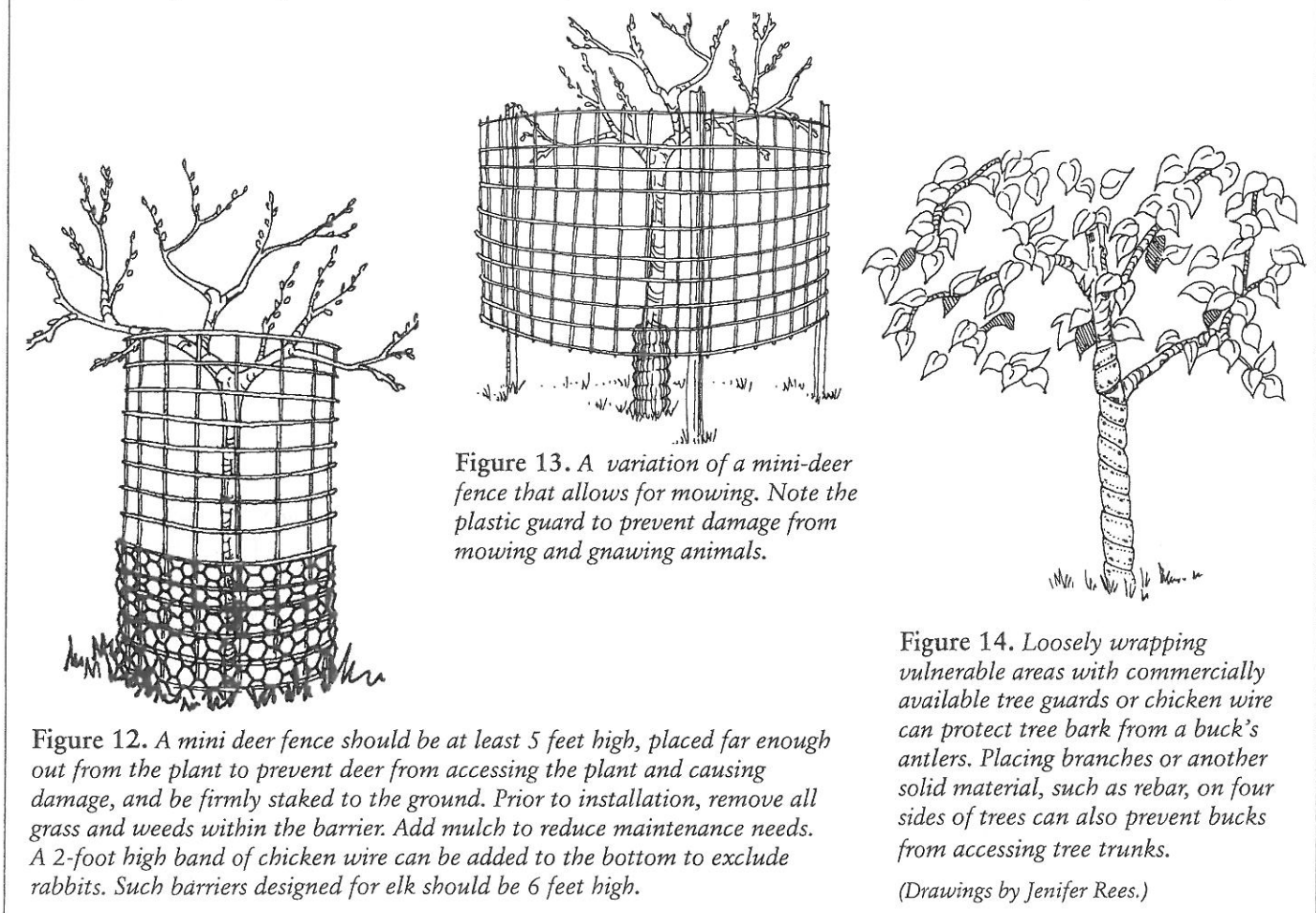
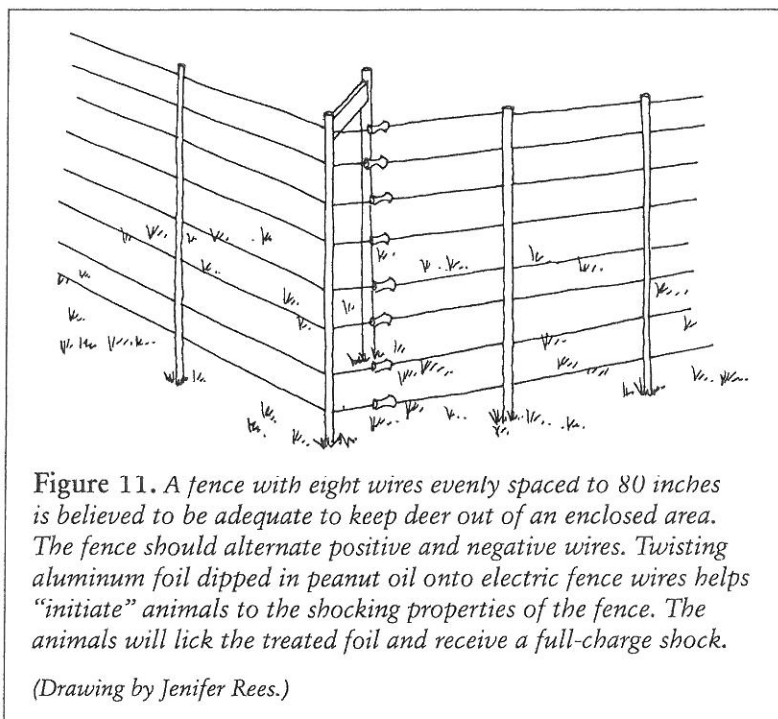
- Poor conductivity occurs in rocky or dry ground. Most projects fail because of poor grounding.

Mini-Barriers

Barriers to protect small areas, individual plants, or vulnerable parts of plants can be purchased or made at home. These have the advantage of being less expensive and obtrusive than full fences, allowing deer access to surrounding food plants while protecting others. They can also protect plants from bucks rubbing their antlers, which breaks branches and strips bark off trunks.

To prevent deer from pushing over or moving a mini fence surrounding a tree or shrub, the fence should be 5 feet high and staked to the ground (Figs. 12 and 13).

Netting—normally sold to protect berries and fruit from birds—can be draped over individual plants or used as a temporary fence. However, deer can easily break lightweight netting with their hooves to get to desirable plants and songbirds can get entangled in excess netting. Stronger netting material is commercially available from bird-control outlets and companies selling

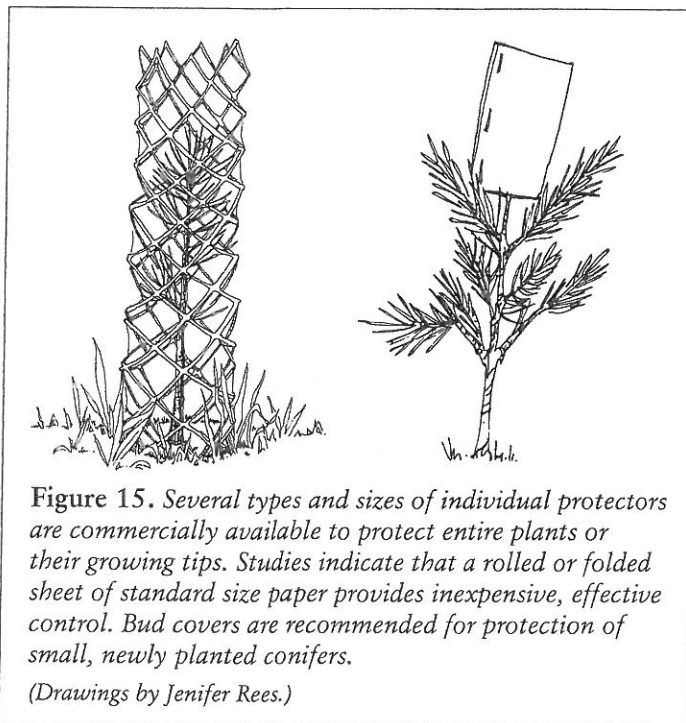


polypropylene deer fencing. When draped over plants, any netting will need continual rearranging to protect new growth.

An inexpensive and subtle deer barrier can be made from 100-pound test monofilament fishing line tied to sturdy, 5-foot tall stakes, or attached to a structure. At a 12-inch spacing, fishing line works best to protect small enclosures, such as surrounding several rose bushes.

Commercially available tree guards protect trees from damage done to the bark from deer antlers and gnawing from other wildlife (Fig. 7). They can be wrapped around nearly any size tree, cut to different heights, and expand as the tree grows (Fig. 14).

Plastic or nylon tubes, netting, and bud caps have all been used successfully to protect small transplants and growing tree tips (Fig. 15). For small plants, use tubes that match the plant's height and allow room for growth. Be sure to hold the tube upright with a wood or metal stake.



Repellents

Deer repellents use a disagreeable odor or taste, or a combination of both, to dissuade deer from eating the treated plant. They are easy to apply and homemade solutions are inexpensive (see “An All-in-One Homemade Deer Repellent”).

Numerous odor and taste repellents have been developed to reduce deer damage, and new products are continually becoming available. There have been numerous studies to test the effectiveness of these repellents, often producing conflicting results. No repellent eliminates deer damage entirely.

Before you apply: Most repellents function by reducing the palatability of the treated plant to a level below other available plants. Hence, repellent effectiveness depends upon the availability of wild deer food. Repellents are more appropriate for short-term rather than long-term problems and are the most practical for non commercial users experiencing low to moderate deer damage.

Repellents work best if applied **before** the deer develop a routine feeding pattern. This means applying repellents before leaves or flower buds emerge and as new growth appears. It's easier and more effective to prevent a feeding habit from forming than to try to break an established one.

Repellent facts:

- Spray-on repellents need to be applied frequently to protect the new plant growth, and will need to be reapplied after rain and long exposure to hot, dry, or windy weather.
- Deer may become accustomed to the same repellent over time, and eventually ignore it. Alternating repellents may help keep deer confused and more wary of eating your plants.
- Repellents that are applied to plant surfaces are generally more effective than capsules containing garlic oil, bags of hair, or other devices that produce an odor intended to protect a specific area.

Finally, before putting complete faith in a repellent, first try it on a small area. Always use commercial repellents according to the manufacturer's directions.

An All-in-One Homemade Deer Repellent

Mix the following in a 1-gallon tank sprayer:

- 2 beaten and strained eggs—strain them to remove the white strings surrounding the yolk, which otherwise will plug up your sprayer). Note: Studies indicate that repellents with active ingredients that emit sulfurous odors, such as egg solids, generally provide the best results.
- 1 cup milk, yogurt, buttermilk, or sour milk
- 2 tsp. Tabasco sauce or cayenne pepper
- 20 drops essential oil of clove, cinnamon, or eucalyptus, found in small bottles at health food stores
- 1 tsp. cooking oil or dormant oil
- tsp. liquid dish soap

Top off the tank with water and pump it up. Shake the sprayer occasionally and mist onto dry foliage. One application will last for 2 to 4 weeks in dry weather.

Scare Tactics

Like most animals, deer are neophobic (fearful of novel objects), and many scare tactics take advantage of this behavior. However, deer soon get accustomed to new things and damage resumes after they realize no actual harm will come to them. As with repellents, a given tactic will work on some deer, but no single one seems to work on all of them. If the animals are already used to feeding in the area, scare tactics will last an even shorter length of time.

Scare tactics can be visual (scarecrows, bright lights, spare blankets), auditory (noisemaking devices such as exploders, whistles, etc.), or olfactory (predator urine or droppings).

One recent innovation is a motion sensor combined with a sprinkler that attaches to a hose. When a deer comes into its adjustable, motion-detecting range, a sharp burst of water is sprayed at the animal. This device appears to be effective by combining a physical sensation with a startling stimulus. Similar in approach but less effective are radios and lights hooked up to a motion detector.

A dog can help keep deer away, especially if it is large and awake. To keep the dog at home while simultaneously repelling deer from your property, use a “dog trolley” or an invisible (buried electric) fence, where practical. Avoid tethering a dog near stairways and fences, and provide at least 15 feet of cleared space for it to move around in. Do not use a choke chain, and remove all debris that could tangle or injure your dog. Provide shade, water, and shelter for the dog at all times.

Landscaping with Deer-Resistant Plants

Although a deer fence or other barrier is the best insurance against damage, landscaping with deer-resistant plants is a more aesthetic alternative. In addition, there may be areas where a deer fence isn’t practical. A walk or drive through the neighborhood or a visit to the neighbors can give you an idea of what plants are less palatable to deer.

Whether or not a particular plant will be eaten depends upon several factors: the deer’s nutritional needs, its previous feeding experience, plant palatability, time of year, and availability of wild foods. When preferred foods are scarce, there are few plants that deer will not eat. A large deer population can create competition for food, causing deer to eat many plants that they normally would avoid.

Deer develop predictable travel patterns, and prior damage is often a good indicator of potential future problems. Any new plantings added to an existing landscape or garden already suffering from severe deer damage will likely also be browsed.

The list of deer-resistant (or close to it) plants is a general guide. Deer sometimes will browse the plants listed and sometimes will avoid plants not listed. *Note:* A few vigorous native plant species are included in both Tables 2 and 3.

Table 3. Deer-Proof (or close to it) Plants for Washington Landscapes.

Plants are listed alphabetically by their botanical name. (N) Indicates that the plant is native to Oregon, Washington, or British Columbia. **Note:** All small, newly planted plants are subject to being pulled out of the ground by browsing deer. All trees are vulnerable to damage until they are at least 4 feet tall, at which time they can generally handle being browsed by deer.

Deciduous Trees

Birch, *Betula* spp. (N)
Fig, *Ficus carica*
Oregon ash, *Fraxinus latifolia* (N)
Sumac, *Rhus* spp. (N)
Willow, *Salix* spp. (N)
Little-leaf linden, *Tilia cordata*

Evergreen Trees

Fir, *Abies* spp. (N)
False cypress, *Chamaecyparis* spp.
Juniper, *Juniperus* spp. (N)
Tan oak, *Lithocarpus densiflorus* (N)
Spruce, *Picea* spp. (N)
Pine, *Pinus* spp. (N)
Douglas-fir, *Pseudotsuga menziesii* (N)
Western red-cedar, *Thuja plicata* (N)
Hemlock, *Tsuga* spp. (N)
Bay (Oregon –myrtle), *Umbellularia californica* (N)

Deciduous Shrubs

Barberry, *Berberis* spp.
Red-twig dogwood, *Cornus sericea (stolonifera)* (N)
Hazelnut (filbert), *Corylus* spp. (N)
Winter jasmine, *Jasminum nudiflorum*
Potentilla, *Potentilla fruticosa* (N)
Chokecherry, *Prunus virginiana* (N)
Golden currant, *Ribes aureum* (N)
Red-flowered currant, *Ribes sanguineum* (N)
Wild gooseberry, *Ribes* spp. (N)
Wild rose, *Rosa* spp. (N)
Elderberry, *Sambucus* spp. (N)
Spirea, *Spiraea* spp. (N)
Snowberry, *Symphoricarpos* spp. (N)
Lilac, *Syringa* spp.

Evergreen Shrubs

Manzanita, *Arctostaphylos* spp. (N)
Sagebrush, *Artemisia tridentata* (N)
Evergreen barberry, *Berberis* spp.
Rabbitbrush, *Chrysothamnus* spp. (N)
Mexican-orange, *Choisya* spp. (N)
Silverberry, *Elaeagnus pungens*
Silk-tassel bush, *Garrya elliptica* (N)
Salal, *Gaultheria shallon* (N)
Juniper, *Juniperus* spp. (N)
Mountain-laurel, *Kalmia latifolia* (N)
Oregon-grape, *Mahonia aquifolium* (N)
Wax-myrtle, *Myrica californica* (N)
Oregon-boxwood, *Pachystima myrsinites* (N)
Dwarf mugho pine, *Pinus mugo mugo*
Coffeeberry, *Rhamnus californica* (N)
Rhododendron, *Rhododendron* spp.
Evergreen huckleberry, *Vaccinium ovatum* (N)

Annual Flowers

Ageratum, *Ageratum houstonianum*
Calendula, *Calendula officinalis*
Bachelor buttons, *Centaurea cyanus*
Clarkia, *Clarkia* spp. (N)
Larkspur, *Consolida ambigua*
Cosmos, *Cosmos bipinnatus*
California poppy, *Eschscholtzia californica* (N)
Geranium, *Pelargonium* spp.
Sunflower, *Helianthus annuus*
Sweet alyssum, *Lobularia maritima*
Zinnia, *Zinnia* spp.

Perennial Flowers

Yarrow, *Achillea* spp. (N)
Rockcress, *Arabis* spp.
Seathrift, *Armeria maritima* (N)
Snow-in-summer, *Cerastium tomentosum*
Daisy, *Chrysanthemum maximum*
Coreopsis, *Coreopsis* spp.
Bleeding heart, *Dicentra* spp. (N)
Coneflower, *Echinacea purpurea*
Globe thistle, *Echinops exaltus*
Wild buckwheat, *Eriogonum* spp. (N)
Sea-holly, *Eryngium amethystinum*
Wallflower, *Erysimum* spp.
Blanket flower, *Gaillardia aristata* (N)
Baby's breath, *Gypsophila paniculata*
Hellebore, *Helleborus* spp.
Daylily, *Hemerocallis* spp.
Hosta, *Hosta* spp.
Iris, *Iris* spp. (N)
Poker plant, *Kniphofia* spp.
Gayfeather, *Liatris spicata*
Lobelia, *Lobelia cardinalis*
Lupine, *Lupinus* spp. (N)
Bee balm, *Monarda didyma*
Catmint, *Nepeta* spp.
Poppy, *Papaver* spp.
Russian sage, *Perovskia atriplicifolia*
Solomon's seal, *Polygonatum* spp. (N)
Lungwort, *Pulmonaria* spp.
Black-eyed Susan, *Rudbeckia* spp.
Fall sedum, *Sedum spectabile*
Blue-eyed grass, *Sisyrinchium* spp. (N)
California fuchsia, *Zauschneria* spp.

Bulbs, Corms, and Tubers

Crocasmia, *Crocasmia crocosmiflora*
Crocus, *Crocus* spp.
Fritillary, *Fritillaria* spp.
Garden corn-lily, *Ixia* spp.
Trillium, *Trillium* spp. (N)

Garden Herbs

Garden chive, *Allium schoenoprasum*
Garlic chive, *Allium tuberosum*
Hyssop, *Hyssopsis officinalis*
Garden mint, *Mentha* spp.
Rosemary, *Rosmarinus officinalis*
Lavender, *Lavandula* spp.
Thyme, *Thymus* spp.
Sweet marjoram, *Origanum majorana*
Oregano, *Origanum vulgare*
Rue, *Ruta graveolens*
Santolina, *Santolina* spp.

Ground Covers and Low Shrubs

Kinnikinnik, *Arctostaphylos uva-ursi* (N)
Dwarf coyote brush, *Baccharis pilularis* (N)
Bunchberry, *Cornus unalaschkensis (canadensis)* (N)
Cotoneaster, *Cotoneaster* spp.
Heather, *Erica* spp.
Wild strawberry, *Fragaria* spp. (N)
Wintergreen, *Gaultheria procumbens*

Salal, *Gaultheria shallon* (N)
Sunrose, *Helianthemum* spp.
Juniper, *Juniperus* spp. (N)
Lithodora, *Lithodora diffusa*
Oregon-grape, *Mahonia* spp. (N)
Oxalis (wood sorrel), *Oxalis oregona* (N)
Trailing rosemary, *Rosmarinus officinalis*
Trailing raspberry, *Rubus pedatus* (N)
Trailing blackberry, *Rubus ursinus* (N)

Vines

Clematis, *Clematis* spp. (N)
Honeysuckle, *Lonicera* spp. (N)
Wisteria, *Wisteria* spp.

From: Link, Russell, *Landscaping for Wildlife in the Pacific Northwest*.

Public Health Concerns

Deer are not considered a significant source of infectious diseases that can be transmitted to humans or domestic animals. However, as you would when dealing with any wild animal, it is recommended that you wear rubber gloves if you need to handle a sick or dead deer, and wash your hands afterwards. Fully cook all deer meat to 160°F.

Anyone who believes they may have contracted any disease from a deer should consult a physician as soon as possible, explaining to the doctor the possible sources of infection.

Legal Status

Because legal status, hunting restrictions, and other information about deer change, contact your Washington Department of Fish and Wildlife Regional Office for updates.

Mule deer, black-tailed deer, and white-tailed deer are classified as game animals (WAC 232-12-007). A hunting license and open season are required to hunt them.

After obtaining a permit issued by the Department of Fish and Wildlife (WDFW), a property owner or the owner's immediate family, employee, or tenant may kill a deer on that property if it is damaging crops (RCW 77.36.030). You must notify WDFW immediately after taking a deer in these situations.

The Columbian white-tailed deer is classified as a state and federal Endangered animal and may not be hunted or killed (WAC 232-12-014).

Additional Information

Books

Conover, Michael. *Resolving Human-Wildlife Conflicts: The Science of Wildlife Damage Management*. Boca Raton, FL: Lewis Publishers, 2002.

Hygnstrom, Scott E., et al. *Prevention and Control of Wildlife Damage*. Lincoln, NE: University of Nebraska-Lincoln, Institute of Agriculture and Natural Resources, 1994. (Available from: University of Nebraska Cooperative Extension, 202 Natural Resources Hall, Lincoln, NE 68583-0819; phone: 402-472-2188; also see Internet Sites below.)

Juhre, Robert G. *Preventing Deer Damage*. 3rd edition. Kettle Falls, WA, 1998. (Available from: Robert G. Juhre, 1723 Mountain Garden Way, Kettle Falls, WA 99141-9771.)

Link, Russell. *Landscaping for Wildlife in the Pacific Northwest*. Seattle: University of Washington Press and the Washington Department of Fish and Wildlife, 1999.

Maser, Chris. *Mammals of the Pacific Northwest: From the Coast to the High Cascades*. Corvallis: Oregon State University Press, 1998.

Shackleton, David. *Royal British Columbia Museum Handbook: Hoofed Mammals of British Columbia*. Vancouver, BC: University of British Columbia Press, 1999.

Verts, B. J., and Leslie N. Carraway. *Land Mammals of Oregon*. Los Angeles: University of California Press, 1998.

Internet Resources (General)

Benner's Deer Fencing: www.bennergardens.com/bg/

Burke Museum's Mammals of Washington:
<http://www.washington.edu/burkemuseum/collections/mammalogy/mamwash/index.html>

International Wildlife Rehabilitation Council: www.iwrc-online.org

U.S. Forest Service Wildlife Species Life Form Information: www.fs.fed.us/database/feis/

Prevention and Control of Wildlife Damage: wildlifedamage.unl.edu/handbook/handbook/

Scarecrow (The motion-activated sprinkler by Contech): www.scatmat.com

The Internet Center for Wildlife Damage Management: <http://wildlifedamage.unl.edu/>

The Wildlife Management Web Site: <http://www.wildlifemanagement.info/home.htm>

Vertebrate Management Links: www.snohomish.wsu.edu/verturl.htm

Wildlife Control Supplies: www.wildlifecontrolsupplies.com/

Woodland Fish and Wildlife Project: Publications may be ordered from Washington State University Cooperative Extension, 800-723-1763. You also may download copies from their Web site: www.woodlandfishandwildlife.org/

Adapted from "Living with Wildlife in the Pacific Northwest" (see <http://wdfw.wa.gov/wlm/living.htm>)

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Illustrations: As credited

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Mule Deer Working Group Fact Sheet

URBAN MULE DEER ISSUES Fact Sheet #9

OVERVIEW

Increased urbanization has reduced, fragmented, and in some cases, eliminated critical mule deer habitat. These overall changes in mule deer habitat affect deer populations, generally leading to declines. However, in many cases, mule deer have adapted to life in urban areas, leading to conflicts with humans. Urban areas include heavily-developed urban centers along with outlying suburban and exurban areas. Mule deer population can increase rapidly in these areas as deer take advantage of the abundant forage and water sources provided by humans as well as protection from hunting and other types of predation. Habituation to humans in close settings allows mule deer to exist at densities above what is generally seen in the wild. How urban mule deer impact people is often dependent on human tolerance levels, which can vary by community.



NEGATIVE IMPACTS

Mule deer are browsers: preferring leaves, stems, and buds of woody plants, as well as forbs (weeds). Like many other wildlife species, mule deer are opportunistic and in some cases will eat and damage ornamental plants, hedges, vegetables, flowers, and lawns. Bucks can damage shrubs and saplings by rubbing the bark with their antlers. This damage to personal and commercial-grown vegetation is not well-tolerated and can make people view mule deer as a nuisance.

Urban areas rarely allow hunting. Deer repeatedly exposed to humans without negative consequences will eventually become habituated or show little fear of humans. Habituated mule deer may become aggressive and pose a danger to human residents. There are reports of mule deer bluff-charging people, chasing joggers, attacking postal workers, and killing small pets. Large mule deer numbers in urban areas can also lead to more deer on roads and increase the potential for deer-vehicle collisions. Mule deer populations attract predators to urban areas, creating a possible hazard for local residents and pets. The urban environment can have a negative impact on deer as well. Busy streets, railways, fences, parking garages, and bridges are hazards for urban deer. There are many reports of deer-vehicle collisions, fatal jumps from parking garages and bridges, and entanglement in fences. The potential for disease transmission is also greater due to the high densities of deer in urban areas.

MANAGING URBAN MULE DEER ISSUES

Prohibiting Supplemental Feeding

Supplemental feeding of mule deer in urban areas can greatly increase fawn production and may affect overall deer survival. Residents of urban areas often feed mule deer by hand or through a feeder because they enjoy having the deer in close proximity or feel that the deer need the supplement to survive. Inadvertent feeding also occurs such as through bird or squirrel feeders. Working with local governments to enact regulations prohibiting supplemental feeding is an important step in managing an urban deer problem. Prohibiting feeding also reduces the attractants that draw deer into the urban areas to begin with. Individuals should also consider placing bird or squirrel feeders out of reach to eliminate use by deer.

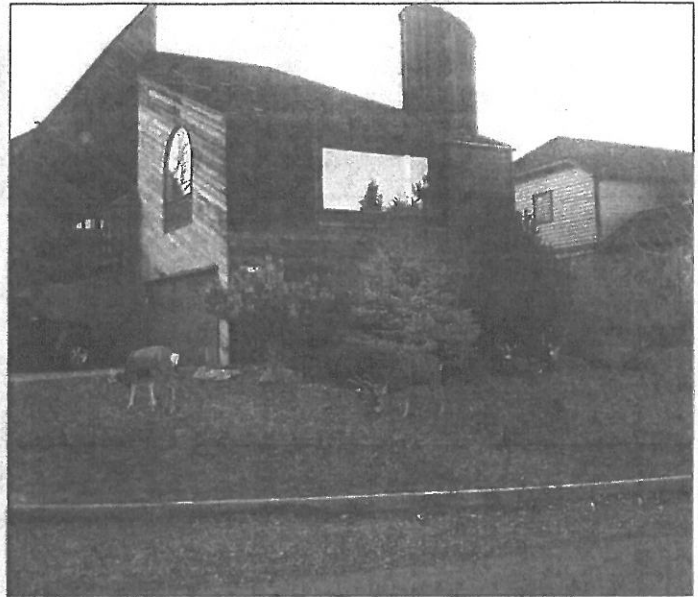
Chemical Repellents and Scare Devices

Several techniques are available to deter urban deer. Deterrents are modestly effective when deer densities are relatively low and often lose effectiveness as deer abundance and problems grow. A variety of chemical deer repellents are commercially available. Repellents rarely work and require constant application, especially after rain or snow. Scare devices can sometimes be effective at deterring urban deer. Some scare devices are commercially available, but contact state wildlife officials for the use of noise-making scare devices such as Zon-guns (propane cannons), crackershells, and M-80s. Be sure to consult local laws before using pyrotechnic devices.

Deer-resistant plants and fencing

Certain ornamental plants are unpalatable to deer and are less likely to be browsed. Using these plants in landscaping instead of more-desirable browse species can reduce deer conflicts. To determine which plants are deer-resistant and adapted to the local area contact a local nursery or state wildlife official. A variety of reference books and internet resources are also available on the subject.

Fencing deer out is the most effective and permanent method. A wide variety of fence designs will keep problem deer out. Fences should be at least 8 feet tall with no gaps greater than 8 inches. Electric fencing also works to deter deer on a more temporary basis, such as winter browsing. A hybrid approach of installing two strands of electric wire on top of an existing fence can also be an effective approach. Surrounding individual plants with wire cages can prevent browsing. Also, wire mesh or pipe placed directly around tree trunks will reduce damage by bucks rubbing their antlers.



Hunting

Wildlife agencies are successfully using regulated hunting in urban areas to address urban deer issues. Carefully regulated archery hunts in restricted hunting areas can be particularly effective and efficient. Some agencies have used professional shooters to kill deer with the meat donated to charitable groups. Hunting in and around urban areas requires close coordination with local governments and citizens, but where possible, it is a cost-effective solution.

Relocation and contraception

Some wildlife agencies are capturing and relocating urban deer to more remote, suitable habitat on a limited basis. This approach is labor- and cost-intensive, with uncertain effectiveness. Moving deer is dependent on the availability of release sites, which have to be carefully evaluated to ensure that the habitat can support more deer. Given these constraints, moving deer is unlikely to be a common solution for widespread urban deer issues in the West. Contraception is often proposed as a method to reduce overabundant deer populations, but it is not currently feasible in free-ranging deer populations.

PUBLIC OPINION AND EDUCATION

Public input is the most important aspect of managing urban deer. There are a wide range of opinions regarding deer in urban areas. Some enjoy seeing deer in their backyards and tolerate the damage, while others see urban deer as a hazard and nuisance. Prudent consideration of all factors involved and proper public education is critically important when managing urban mule deer.



Photo: Colleen Peterson

More information on mule deer can be found at www.muledeerworkinggroup.com

*A product of the Mule Deer Working Group - Sponsored by the Western Association of Fish & Wildlife Agencies - Approved July 2014
Produced with support from the Mule Deer Foundation (www.muledeer.org)*

Deer Repellents

Deer Management Guides

- WDFW's "Living with Deer" website
 - <http://wdfw.wa.gov/living/deer.html>
 - Guide on deer management (fencing options, homemade repellent recipe, etc.)
- Internet Center for Wildlife Damage Management website
 - <http://icwdm.org/handbook/mammals/Deer.asp>
 - Guide on deer management (fencing options, liquid repellent descriptions, etc.)

Fencing Options

- See WDFW's "Living with Deer" for multiple fencing options
 - <http://wdfw.wa.gov/living/deer.html>
- See Internet Center for Wildlife Damage Control for more fencing options
 - <http://icwdm.org/handbook/mammals/Deer.asp>
- 8' tall fencing – woven wire, deer mesh



- Electric fencing
 - Polywire, polytape, etc. marked with mylar (see mylar flagging link below)
 - Apply peanut butter directly to wire or to aluminum foil wrapped around wire
 - <http://www.beefmagazine.com/pasture-range/choose-appropriate-electric-fence-wire>
- Hoop houses over raised beds
 - PVC frame with netting or chicken wire mesh secured to it



- **Individual Plant Protection**

- Use Vexar®, Tubex®, plastic tree wrap, or woven-wire cylinders to protect young trees. See WDFW's "**Living with Deer**" website for more info.



Deer at Bird Feeders

- Avoid using cracked corn, black oil sunflower seeds or seed mixes that attract deer to feeders. Instead choose thistle seed, suet, or hummingbird nectar.
- Place bird feeders at least 6 feet high.
- Secure feeders so seed does not spill onto the ground.



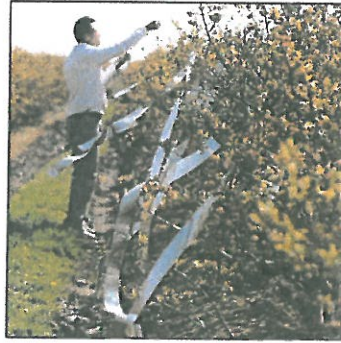
Liquid Repellents

- **Plantskydd**
 - www.plantskydd.com
 - "Plantskydd repels by emitting an odor browsing animals associate with predator activity—stimulating a fear-based response that will have garden feeders looking for somewhere else to dine."
 - Rain resistant, safe for children and pets, certified organic, built-in fertilizer
- **Predator urine**
 - Cougar or other predator urine applied to scent wicks or small canisters and placed at strategic locations around damage where deer are most likely to smell the urine
 - <https://www.predatorpeestore.com/mt-lion-urine.html>
- For additional repellents, see the deer management guides listed above.

Sound/Motion Based Deterrents

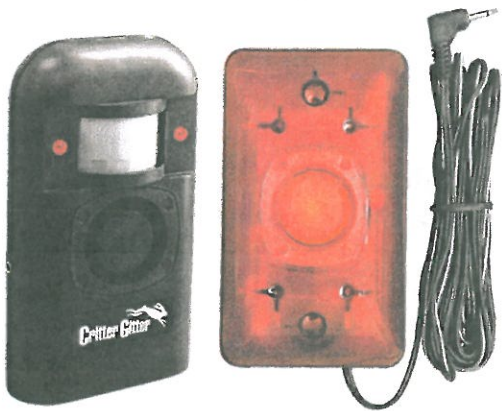
- **Mylar reflective bird tape**

- Mylar is highly reflective and makes a lot of noise when moving. Strips of mylar blowing in the wind will often help to deter deer.
- <http://www.homedepot.com/p/Bird-B-Gone-Deterrent-Flash-Tape-MMFT050X/202347479>
- <https://reedjoseph.com/products/sight-and-motion/reflective-tape-one-inch/>



- **Critter Gitter**

- Motion detection sound and light device with varying sound pattern. Sensor detects on a 40-foot wedge-shaped range. 9V battery.
- <http://crittergittersensor.com/>



- **Nite Guard Solar (Flashing lights)**

- Mimics a flashing eye (often used in pairs) that is supposed to make animals uncomfortable and feel like they are being watched.
- Designed for predators but can be useful for deer as well.
- www.niteguard.com



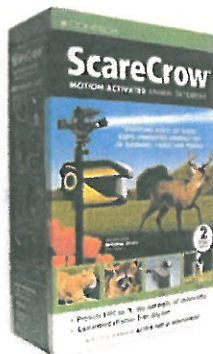
- **Electronic Deer Repellent**

- “The **Electronic Deer Repellent** unit by Havahart (Model 5250) uses a unique patented technology to attract deer with a lure scent and then harmlessly repels deer from your yard or garden with a static shock (.10 joules). Includes 3 posts, covering approximately 1000 square feet of total area. Two AA batteries (not included) have a life of over one year.”
- <http://www.wildlifecontrolsupplies.com/animal/deer-repellents/NWSEDR01.html>



- **Sprinklers**

- ScareCrow Motion-Activated Animal Deterrent
 - Alternative to harmful chemicals and unattractive netting
 - Protects 1200 sq. ft.
 - Can link several together for larger areas
 - Conserves water - just two to three cups per deterrence
 - Operates up to six months on single, nine-volt battery. Hose needed.
 - <http://www.enasco.com/product/C27220N>



- Spray Away Elite II – Hose-Free Motion Activated Sprinkler
 - “Spray Away Elite II uses infrared technology to detect an animal's heat and movement up to 35 feet away. When a critter is detected, the unit releases a sudden burst of water, along with startling noise and motion. No hose needed.”
 - <http://www.havahart.com/store/electronic-repellents/5269>

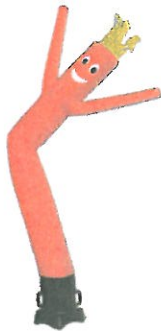


- Yard Gard Ultrasonic Pest Control
 - “An electronic pest control device and animal repeller. Keeps any unwanted animal away - from small mice to large deer - with ultrasonic (nearly silent to humans) technology. Uses high-frequency sound waves that irritate and intimidate pest animals, making the affected area inhospitable.”
 - <http://www.enasco.com/product/C32056N>



- **Inflatable scarecrow-like devices**

- Comes in a variety of sizes (6-foot, 10-foot, 20-foot)
- Blower fan (use the weatherproof model) operates on AC power. Fan can be set up with a DC battery and inverter for use in more remote locations where AC power is not available.
- <https://www.lookourway.com/>



Scare-Away Pyrotechnics

- *These are very loud and travel long distances and may not be an option when neighbors are close by. Please check your local shooting ordinances before ordering. These should also not be used in areas/seasons when fire danger is high.*
- Bird Bangers - Launched from a Single, Double or Seven Shot Launcher with the aid of a 6 mm primer, the 15 mm Bird Banger travels 50 to 125 feet before exploding with a loud report.
- Screamer Siren - launched in the same manner as the Bird Banger, our 15 mm Screamer Siren travels 250 to 300 feet, making an alarming siren-like sound as it flies.
- Both at <http://www.reedjoseph.com/pyrotechnics.htm> or at <http://www.wildlifecontrolsupplies.com/removal/WCS2600.html>



Propane Cannon

- *This is a very loud deterrent and may not be an option when neighbors are close by.*
- Uses propane to emit periodic, loud blasts of air. Timer can be programmed to operate during peak times of likely deer activity.



Paintballs

- Shooting paintballs at deer can be a very effective less-than-lethal hazing method. *Please check your local shooting ordinances before using paintball guns.* Aim for large muscle masses (e.g. the rump) and avoid the head and ribs to lessen the risk of injuring the deer.

AGENDA BILL: G1

AGENDA TITLE: REQUEST FOR PARK USE

DATE: JULY 16, 2018

ACTION REQUIRED:

ORDINANCE_____ COUNCIL INFORMATION_____X_____

RESOLUTION_____ OTHER_____

MOTION_____X_____

EXPLANATION:

FISCAL IMPACT:

ALTERNATIVES:

STAFF RECOMMENDATION:

MOTION:

**I MOVE TO APPROVE THE USE OF EKONE PARK FOR THE GOLDENDALE NIGHT
OUT ON SEPTEMBER 12, 2018 AND TO WAIVE THE PARK FEES.**

City of Goldendale Public Property Use Application

The permit review process will take approximately **10 – 14 days**. A permit will be mailed upon approval. You will be notified in writing if your request is declined.

Facility requested: Ekone Park - Sections: "F", "E", "A"
Applicant's Name: Goldendale Fire Department - FILIBERTO O.
Applicant's Address: 225 W. Court St.
Contact Phone: 509-773-4240 / 509-767-7848 Cell
Intent: Goldendale Night Out - Community Event - Parade
Days/Dates: Sept 12, 2018
Hours Requested: 3pm to 10pm

Give a brief statement of the proposed use of facilities: The event is similar to "National Night Out," an event that community building between public safety agencies and the community they serve. For our event we are promoting a partnership between our citizens Fire, Police, EMS and public service organizations. Building a foundation for solidarity in the community.

Additional Requests: We would like to request city Council for their support by waiving the park fees, and event fees. Additionally if any funds are available for community building events, we would like to request monetary support to provide event materials.

Approved by the following;

City Administrator

Public Works Director

Public Safety Director

Clerk-Treasurer

Date Issued: _____

NOTE: All requests must be in writing. Requests are on a first come first serve basis.

Goldendale Night Out

Sept 12, 2018
06/12/18

Legend

Drive Way In and Out- Keep Clear

Feature 1

GFD

GPD

KCSO

LZ Life Flight

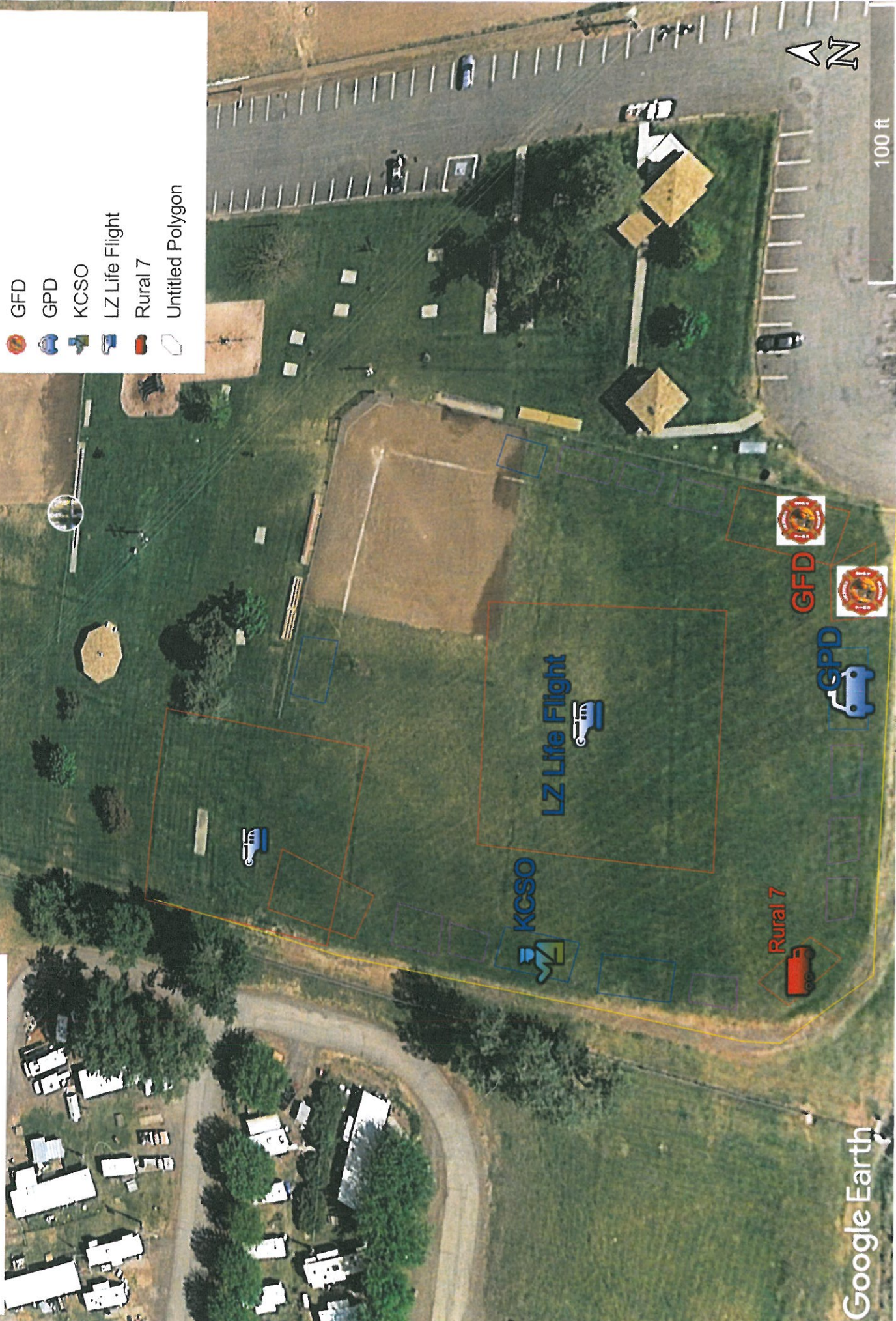
Rural 7

Untitled Polygon



100 ft

Google Earth



AGENDA BILL: H1

AGENDA TITLE: AUTHORIZING APPLICATION FOR RURAL
BROADBAND PLANNING GRANT

DATE: JULY 16, 2018

ACTION REQUIRED:

ORDINANCE _____ COUNCIL INFORMATION _____ X _____

RESOLUTION _____ X _____ OTHER _____

MOTION _____ X _____

EXPLANATION:

The attached resolution simply requests that the Mayor be authorized to make a formal application to the Department of Commerce for a Planning Grant on a broadband infrastructure program.

FISCAL IMPACT:

ALTERNATIVES:

STAFF RECOMMENDATION:

MOTION:

I MOVE TO APPROVE RESOLUTION NO. 687 AUTHORIZING THE CITY OF GOLDENDALE TO SUBMIT AN APPLICATION TO THE DEPARTMENT OF COMMERCE FOR A RURAL BROADBAND PLANNING GRANT.

CITY OF GOLDENDALE
GOLDENDALE, WASHINGTON
RESOLUTION NO. 687

**A RESOLUTION AUTHORIZING THE CITY OF GOLDENDALE TO SUBMIT
AN APPLICATION TO THE DEPARTMENT OF COMMERCE FOR A RURAL
BROADBAND PLANNING GRANT TO IMPROVE THE CITY'S HIGH SPEED
INTERNET COMMUNICATIONS SYSTEM**

WHEREAS, the 2018 Supplemental Capital Budget for Washington State (Chapter 298, PV, Section 1008) created the CERB administered Broadband Infrastructure Program, CERB provides low-interest loan/grant packages to local governments and federally recognized Indian tribes, financing the cost to build infrastructure to provide high-speed, open-access broadband service, to rural underserved communities, for the purpose of community economic development; and

WHEREAS, the purpose of the projects is to encourage, foster, develop and improve broadband in rural communities in order to drive job creation, promote innovation, and expand markets for local businesses and improve accessibility for underserved areas and populations; and

WHEREAS, the City of Goldendale recognizes the need to apply for funding from the Rural Broadband Program, administered through the Department of Commerce, for a rural broadband planning and feasibility study;

NOW, THEREFORE, BE IT RESOLVED, that the Goldendale City Council does hereby authorize Michael Canon, Mayor to make formal application to Washington State Department of Commerce for a planning grant to design a broadband Infrastructure Program for the City of Goldendale.

PASSED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF GOLDENDALE, WASHINGTON, this 16th day of July, 2018.

Michael Canon, Mayor

ATTEST:

Connie Byers, Clerk-Treasurer