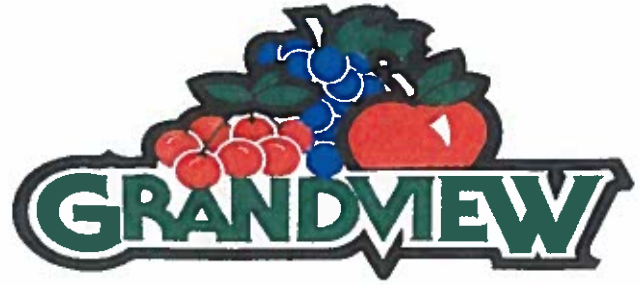


**GRANDVIEW CITY COUNCIL
COMMITTEE-OF-THE-WHOLE
MEETING AGENDA
TUESDAY, NOVEMBER 12, 2019**



COMMITTEE-OF-THE-WHOLE MEETING – 6:00 PM

PAGE

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. PUBLIC COMMENT** – At this time the public may address the Council on any topic whether on the agenda or not, except those scheduled for public hearing.
- 4. NEW BUSINESS**
 - A. House Bill 1026 – Breed-Based Dog Regulations – Amending the City's Dangerous Dog Ordinance 1-15
 - B. Ordinance amending Grandview Municipal Code Section 13.28.050 setting domestic sewer rates – 3% increase 16-25
 - C. Ordinance amending Grandview Municipal Code Section 13.28.060(B) setting irrigation water rates – 2% increase 26-27
 - D. USDA Rural Development Funding Assistance Application to purchase firefighter self-contained breathing apparatus (SCBA) 28-29
 - E. Snow Control Plan 30-83
- 5. OTHER BUSINESS**
- 6. ADJOURNMENT**

GRANDVIEW POLICE DEPARTMENT

207 W. 2ND STREET, GRANDVIEW, WA 98930 TELEPHONE (509) 882-2000
FAX (509) 882-1232



KAL FULLER
Chief of Police

Date: 01/25/2019
To: Cus Arteaga, City Administrator
From: Kal Fuller, Chief of Police
Re: Follow-up On Amending the City's Dangerous Dog Ordinance

At the Oct 21, 2019 COW meeting I was asked to follow up on two questions.

Question #1: What is Yakima doing now that the state law has changed?

Answer: Yakima does not have any breed specific language in place in their current ordinance and so does not need to make any changes.

Selah has breed specific language similar to Grandview. As of the end of October they had not determined what they will do to comply with the new law.

Here is a link to the Yakima Dangerous Dog Ordinance:

<https://www.codepublishing.com/WA/Yakima/#!/Yakima06/Yakima0620.html#6.20.149>

Question #2: Are there American Kennel Club (AKC) Canine Good Citizen Class or equivalent classes offered in our area?

Answer: I was able to locate several Canine Good Citizen classes offered in Yakima and Tri-Cities. The AKC itself does not list any classes in Washington State that they provide. It appears that instructors can be trained by the AKC and can then offer training themselves. Petco is one of the best known names that offer Canine Good Citizen classes by trained instructors.

Phone calls to the local veterinarian offices did not reveal any known classes in the Grandview or southern valley area. They said that they refer people to Petco.

Petco in Yakima advised that they have the six week long Canine Good Citizen class on an almost monthly basis. The Class has two prerequisites; Adult Dog Level 1 and Adult Dog Level 2. Both of those classes are also six weeks long. The total progression of all

three classes would take a minimum of 18 weeks and at the end the AKC Canine Good Citizen test would be given to the dog. If the dog passed it would get its proof of Certification.

The cost from Petco for each of the six week classes is \$129.00 or a package of all three for \$350.00.

Several other entities offer AKC equivalent classes. Here are links to some that are located in Yakima:

<https://acmecaninecenterllc.com/classes/schedule/>

<https://4pawsdogworks.com/training/dog-training-classes/canine-good-citizen/>

<https://littlepawsinc.com/k9-academy/>

Each of these entities may have different requirements and costs to provide the Canine Good Citizen class.

SUMMARY

Research has shown that AKC Canine Good Citizen classes are available on an ongoing basis.

The two options mentioned in Quinn Plant's memo dated Oct 3, 2019 are still open for consideration.

The basic decision is to keep Breed Specific Language (BSL) or not.

If No: Repeal the ordinance.

If Yes: Amend the ordinance

Respectfully,

A handwritten signature in black ink that reads "Kal Fuller". The signature is written in a cursive, flowing style.

Kal Fuller
Chief of Police

Chapter 6.20 3/17/16, CONT'D

Canine Good Citizen / Therapy Dog Class

Canine Good Citizen (CGC) / Therapy Dog Class
\$150.00 per dog - 6 weeks

Class Dates Class Times Spots Available


Beginners Rally Obedience

Class Dates Class Times Spots Available

Advanced Rally Obedience - \$10.00 per dog
Buy 9 days get the 10th free!

Class Dates Class Times Spots Available

3/14/16 6:30 - 7:30 PM Yes



good behavior starts here.

Dog trainer's name: For customer use

Store contact info:

Recommended class:

Available start date:

Class price:

Vaccinations required:

- Puppies under 16 weeks: Puppy Starter (Parvovirus, Hepatitis, Distemper—first set two weeks prior to start of class)
- Dogs 16 weeks or older: Rabies

Notes:

Pet Parent Name: _____

Phone Number: _____

Dog's Name: _____

Dog's Breed: _____

Dog's Age: _____

Recommended class: _____

Notes: _____

training is just the start.
bring out the best in your
pet with complete care.

physical

Gets dogs moving while teaching polite behaviors to promote physical fitness and build confidence.

mental

Stimulates your dog's mind through problem solving to promote mental alertness.

emotional

Rewards good behavior, which results in an emotionally happier dog.

social

Provides several building blocks for a socially engaged dog both with people and other pets.

Go to petco.com/training for more information and dog training tips, or sign up for classes at your local Petco.

SKU 2166901



build a lifetime
bond through fun
and positive
training classes.

puppy training

puppy level 1

For puppies 2-4 months old

This six-week introductory group class focuses on socialization and is designed to teach your puppy the basics, including "sit," loose leash walking and to come when called. This dog training class also covers problem-solving ideas for potty training, chewing, teething, digging and more.

Key behaviors you and your puppy will learn are:

- Respond to their name
- Respond to cues such as "sit" and "down"

puppy level 2

For puppies 4-6 months old

This six-week group class expands on lessons learned in Level 1, phases out the use of treats so you can have a well-mannered puppy all the time and introduces fun activities to help keep your puppy's mind active.

Key behaviors you and your puppy will learn are:

- Walk on a loose leash without pulling
- Come when called
- Sit and stay even with lots of distractions

puppy essentials package

This comprehensive two-class package covers the basics of your puppy's educational needs. Includes Puppy Levels 1 and 2 and AKC S.T.A.R. Puppy test.

puppy complete package

This comprehensive package gives your puppy the very best in training. This three-class package includes Puppy Levels 1 and 2, one of our Adult Dog classes, private lesson and AKC S.T.A.R. Puppy test.

Dogs only. Current vaccinations required. Not all classes are available at all locations.

petco positive dog

check out our other services including grooming and vaccinations

Go to petco.com/services to learn more.

adult dog training

adult dog level 1

For dogs over 6 months old

This six-week introductory group class is designed to help you better communicate and train your older puppy or mature dog. Dogs will learn skills such as "leave it," "wait" and walking on a loose leash. This class also addresses challenges such as jumping, barking and digging.

Key behaviors you and your dog will learn are:

- Walk on a loose leash without pulling
- Respond to cues such as "wait" and "leave it"

adult dog level 2

For dogs that have graduated from adult dog level 1

This six-week group class expands on lessons learned in Level 1, introduces distractions so your dog will learn to listen in any situation and teaches you fun games to play with dogs of any age.

Key behaviors you and your dog will learn are:

- Behave politely around people and other dogs
- Respond to cues such as "stay" and "heel"
- Learn to listen to you in any situation

certifications, private lessons

AKC S.T.A.R. Puppy program

For dogs that have graduated from a level 1 or level 2 puppy class

To earn an AKC S.T.A.R. Puppy

certificate, puppies must be up to 1 year of age and must complete a six-week group class such as Puppy Level 1, Puppy Level 2 or Adult Dog Level 1 class. These puppies will work with an evaluator to pass a 20-step test. Upon passing the test, you'll get an application to send to AKC for enrollment in the AKC S.T.A.R. Puppy certificate program.

AKC Canine Good Citizen program/certification

For dogs that have graduated from adult dog level 1 or level 2

These dogs will work with an evaluator to pass a 10-step test to receive an AKC Canine Good Citizen certificate from the American Kennel Club

AKC Canine Good Citizen® class

The American Kennel Club Canine Good Citizen (AKC CGC) program is recognized as a high standard of dog behavior and is an excellent way to prepare for therapy dog training. This training class prepares you and your dog to take the AKC CGC test as well as improve on behaviors already learned.

adult dog essentials package

This comprehensive two-class starter package for your dog includes Adult Dog Levels 1 and 2 or CGC class and AKC Canine Good Citizen test.

adult dog complete package

This comprehensive three-class all-inclusive training package for your dog includes Adult Levels 1 and 2, AKC Canine Good Citizen class, private lesson and AKC Canine Good Citizen test.

we also offer private lessons and workshops, talk to a store partner for details.





petco

Efectivo
Entrenamiento
para Perros



Crea un vínculo de por vida

con tu perro a través de clases
que resultan divertidas y positivas.
¡Inscríbete hoy!

Haz la prueba

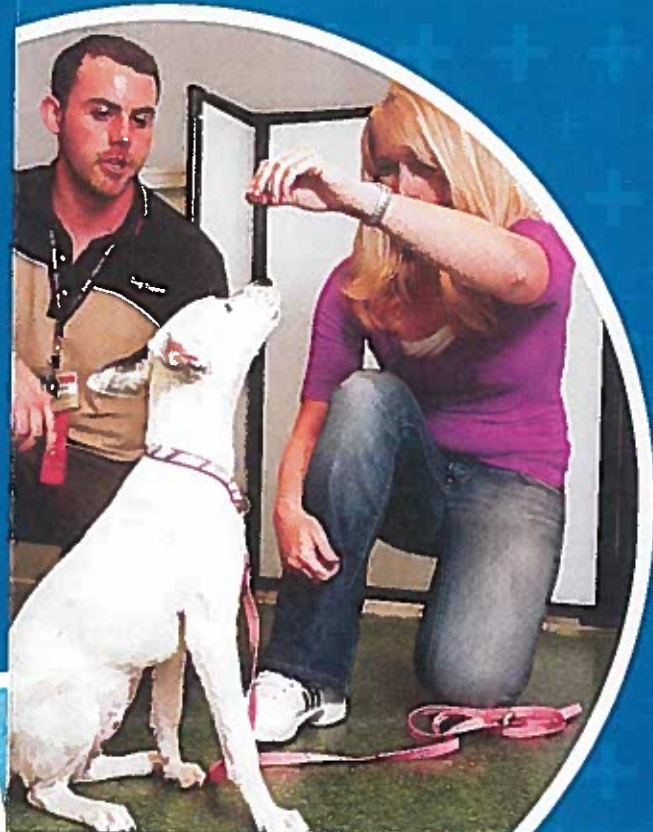
Ofrecemos clases en grupo,
talleres, seminarios **GRATUITOS** y
lecciones privadas.

Visítanos en petco.com/dogtraining
para obtener más información
o inscríbete a las clases en tu tienda
local de Petco.

Síguenos:  

petco. 
where the **healthy** pets go

Solamente perros. Se requiere estar actualizado con las vacunas.
No está disponible en todas las localidades.





El Buen Comportamiento Inicia Aquí

La base del programa de entrenamiento con recompensas de Petco es mucho más que enseñar a tu perro a "sentarse" y "permanecer quieto", nuestro propósito es fomentar el buen comportamiento con adecuadas técnicas de entrenamiento y de comunicación para promover los buenos modales de tu mascota.

¡Inscríbete Hoy Mismo!

Inscríbete a las clases dentro de la tienda o visita petco.com/dogtraining para obtener detalles adicionales, consejos de entrenamiento para perros y más.

Conoce al Entrenador

Además, ofrecemos GRATIS sesiones de 15 minutos para que puedas Conocer al Entrenador.

Tipo de Clases

Gachorro Nivel 1

(para cachorros desde 8 semanas hasta 6 meses de edad)

Esta clase introductoria de 6 semanas en grupo se concentra en la "sociabilidad" y está diseñada para enseñar lo básico al cachorro. Incluye ideas para solución de problemas sobre control de esfínteres, masticación, dentición, excavación y más.

Gachorro Nivel 2

(para cachorros que han completado el Nivel 1)

En esta clase de 6 semanas en grupo se amplían las lecciones del Nivel 1, mientras se realiza la eliminación gradual del uso de golosinas. Mantiene activa la mente de tu cachorro y lo introduce a actividades divertidas.

Perro Adulto Nivel 1

(para perros mayores de 6 meses)

Esta clase introductoria en grupo con duración de 6 semanas, ayuda a mejorar la comunicación con tu cachorro o perro adulto. Se enseñan habilidades como "déjalo", "espera", "caminar y dirigir al perro sin correa" e identifica los retos para entrenar a tu perro.

Perro Adulto Nivel 2

(para perros que han completado el Nivel 1)

Esta clase en grupo con duración de 6 semanas, amplía las lecciones del Nivel 1, muestra distracciones para ayudar a que tu perro responda en cualquier situación y se enseñan juegos divertidos.

AKC Canine Good Citizen

Prepárate para la certificación AKC Canine Good Citizen, un estándar ampliamente reconocido que indica el buen comportamiento y la excelente preparación de la terapia de entrenamiento del perro.

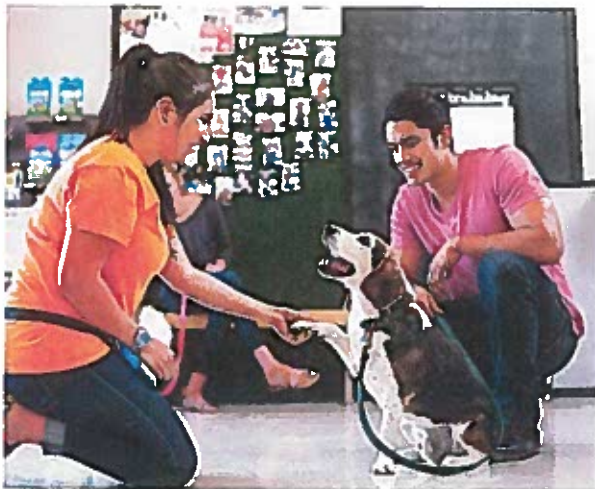
Lecciones Privadas

Clases individuales que se adaptan a las necesidades de tu perro.

Paquetes

Elige entre una variedad de paquetes para cachorros y perros adultos.

BEST-IN-CLASS INSTRUCTORS. POSITIVE METHODS. REAL RESULTS.



OUR PEOPLE

- Passionate trainers educated in science-based principles that are proven quick, effective and fun
- All Petco certified trainers offer and evaluate the Canine Good Citizen and S.T.A.R. Puppy classes and tests

OUR METHOD

- Rewards-based training focuses on celebrating behaviors we like in class to encourage dogs to act appropriately in the real world
- Positive reinforcement is proven effective and builds a strong bond between pet parent and dog

BENEFITS OF DOG TRAINING

- **STRENGTHEN BOND** by learning to communicate clearly
- **BUILD COMMUNITY** and expand your dog's social circle
- **MENTAL STIMULATION** keeps dogs occupied and challenged

petco
positive dog training

**TRAINING YOUR DOG HAS
NEVER BEEN SO REWARDING**

Ask a store partner how you can earn Pals Reward Dollars when you sign up for dog training.

PUPPY CLASSES

Puppy 1	\$129
Puppy 2	\$129
Puppy Essentials	\$229
Puppy Complete	\$349
Puppy S.T.A.R. Test	\$10

ADULT CLASSES

Adult 1	\$129
Adult 2	\$129
AKC Canine Good Citizen Class	\$129
Adult Essentials	\$229
Adult Complete	\$349
Private Lessons	Starting at \$89
AKC Canine Good Citizen Test	\$10

FREE PUPPY PLAYTIME

- Bring your little one to Petco for a fun and social time!
- Ask store partner for details.

For dogs ages 8 weeks to 6 months only. Proof of current vaccinations required.
Not available at all stores. See store partner for full details.
*Only available for group classes and packages

EARN more than \$35* in PALS REWARD DOLLARS

when you sign up for dog training. See a store partner for full details.

This memorandum is submitted under the attorney-client privilege. The privilege applies to communications and advice by the attorney, which includes documents that contain a privileged communication. This memorandum is such a communication and need not be made available for public inspection.

TO: Gloria Mendoza, Mayor
City Council of Grandview Washington

FROM: Quinn N. Plant, City Attorney

SUBJECT: *Amending the City's Dangerous Dog Ordinance*

DATE: October 3, 2019

During its 2019 regular session, the Washington State legislature passed and the governor signed into law House Bill 1026, concerning breed-based dog regulations. The bill takes effect on January 1, 2020, and will require Grandview to amend its dangerous dog ordinance, codified at Chapter 6.06 of the Grandview Municipal Code.

The City's dangerous dog ordinance defines the term "dangerous dog" to include specific breeds of dogs. Specifically, the term "dangerous dog" includes:

Any dog known by the owner to be a pit bull terrier, which shall herein be defined as any American Pit Bull Terrier or Staffordshire Bull Terrier or American Staffordshire Terrier breed of dog or any mixed breed of dog which contains as an element of its breeding the breed of American Pit Bull Terrier, Staffordshire Bull Terrier or American Staffordshire Terrier as to be identifiable as partially of the breed of American Pit Bull Terrier, Staffordshire Bull Terrier or American Staffordshire Terrier[.] (GMC § 6.06.010(A)(3)).

Under the ordinance, dangerous dogs must be registered with the City and the failure to do so is a gross misdemeanor. (GMC §§ 6.06.035 and 6.06.060).

House Bill 1026 prohibits a municipality from imposing "requirements specific to possession of a dog based on its breed, or declar[ing] a dog dangerous or potentially dangerous based on its breed" unless the municipality adopts regulations that provide generally as follows:

- (1) a dog is exempt from the regulation if it passes the American kennel club canine good citizen test or a reasonably equivalent test;
- (2) a dog that passes such a test is exempt from the regulation for at least two years;
- (3) a dog that passes such a test is given an opportunity to retake the test and maintain their exemption from the breed-based regulation; and
- (4) a dog that fails such a test is given an opportunity to retest within a reasonable period of time.

This memorandum has been prepared to seek guidance from the City Council on how the City should respond to the requirements of House Bill 1026. The City has essentially two options:

1. The City can simply repeal GMC § 6.06.010(A)(3). The result would be that pit bull terriers would no longer automatically be classified as dangerous dogs under the City's ordinance. The owner of a pit bull terrier would not need to register his or her dog unless the dog did something (bit someone, injured a domestic animal, etc.) that brought it within the "dangerous dog" classification.
2. Alternatively, the City can continue to designate pit bull terriers as "dangerous dog" and amend the ordinance to provide that a pit bull terrier that passes the appropriate testing is exempt from the City's dangerous dog requirements. Some research would be required to determine what type of testing may be "reasonably equivalent" to the American kennel club canine good citizen test.

A copy of the City's current dangerous dog ordinance is attached to this memorandum for your reference.

Chapter 6.06 DANGEROUS DOGS

Sections:

6.06.010 Definitions.

6.06.020 Unconfined dangerous dog on premises of owner.

6.06.030 Dangerous dog off premises.

6.06.035 Registration of dangerous dogs.

6.06.040 Disposal of dangerous dogs.

6.06.050 Impounding authority.

6.06.060 Penalties.

6.06.070 Severability.

6.06.090 General duty.

6.06.010 Definitions.

The following words and phrases, whenever used in this chapter, shall be construed as defined in this section:

A. "Dangerous dog" means:

1. Any dog with a known propensity, tendency, or disposition to attack unprovoked, to cause injury to, or to otherwise endanger the safety of humans or other domestic animals; or
2. Any dog which attacks a human being or other domestic animal without provocation; or
3. Any dog known by the owner to be a pit bull terrier, which shall herein be defined as any American Pit Bull Terrier or Staffordshire Bull Terrier or American Staffordshire Terrier breed of dog or any mixed breed of dog which contains as an element of its breeding the breed of American Pit Bull Terrier, Staffordshire Bull Terrier or American Staffordshire Terrier as to be identifiable as partially of the breed of American Pit Bull Terrier, Staffordshire Bull Terrier or American Staffordshire Terrier; or

4. Any dog that frequently or habitually snarls or growls at or snaps at or jumps upon or threatens persons lawfully upon the public sidewalks, streets, alleys, or public places of the city; or

5. Any dog known by the owner to be a wolf or wolf-hybrid.

B. "Owner" means any person or legal entity having a possessory property right in a dog or who harbors, cares for, exercises control over, or knowingly permits any animal to remain on the premises occupied by them.

C. A dangerous dog is "unconfined" if such dog is not securely confined indoors or confined in a securely enclosed and locked pen or structure upon the premises of the owner of such dog. Such pen or structure must have secure sides and a secure top. If the pen or structure has no bottom secured to the sides, the sides must be embedded into the ground no less than one foot.

D. The structure or pen described in subsection C of this section may be inspected by the animal control officer or any police officer to make sure such pen or structure complies with the requirements of this chapter. (Ord. 2008-10 § 2).

6.06.020 Unconfined dangerous dog on premises of owner.

The owner of a dangerous dog shall not suffer or permit such dog to go unconfined. (Ord. 2008-10 § 2).

6.06.030 Dangerous dog off premises.

The owner of a dangerous dog shall not suffer or permit such dog to go beyond the premises of such person unless such dog is securely leashed by a leash no longer than six feet in length, and muzzled, or otherwise securely restrained and muzzled. (Ord. 2008-10 § 2).

6.06.035 Registration of dangerous dogs.

A. In addition to any other registration and licensing requirements provided in this chapter, it is unlawful for any person to keep a dangerous dog without a certificate of registration issued under this section. This section shall not apply to dogs used by law enforcement officials for police work.

B. The city shall issue a certificate of registration to the owner of a dangerous dog if the owner presents to the city sufficient evidence of:

1. A proper enclosure to confine the dangerous dog and the posting of the premises with clearly visible warning signs that there is a dangerous dog on the property. In addition, the owner shall conspicuously display warning symbols that inform children of the presence of a dangerous dog; and

2. A surety bond issued by a surety insurer qualified under Chapter 48.28 RCW in a form acceptable to the city in the sum of at least \$250,000, payable to any person injured by the dangerous dog; or

3. A policy of liability insurance, such as homeowner's insurance, issued by an insurer qualified under RCW Title 48 in the amount of at least \$250,000, insuring the owner against liability to any person for injuries inflicted by the dangerous dog.

C. A fee of \$100.00 shall be paid to the city by any person seeking to register a dangerous dog. (Ord. 2008-10 § 2).

6.06.040 Disposal of dangerous dogs.

In the event a dog is determined to be dangerous, pursuant to this chapter, by reason of the dog's viciousness, molesting people, or attacking people or other animals, where such behavior results in conviction for a violation under this chapter, then, in the discretion of the judge who presided over the court hearing wherein the conviction was entered, and based upon the severity of the behavior involved, the dog shall be impounded and destroyed in a humane manner. (Ord. 2008-10 § 2).

6.06.050 Impounding authority.

The animal control officer or any police officer shall have the authority to impound a dangerous dog, pursuant to the procedures provided in Chapter 6.04 GMC. (Ord. 2008-10 § 2).

6.06.060 Penalties.

Any person, firm or corporation violating the provisions of GMC 6.06.020, 6.06.030 and 6.06.035 shall be guilty of a gross misdemeanor and may be punished by a fine of not more than \$5,000 or imprisonment of not more than one year in jail, or by both such fine and imprisonment. (Ord. 2008-10 § 2).

6.06.070 Severability.

If any one or more of the sections or provisions provided in the ordinance codified in this chapter shall be declared by any court of competent jurisdiction to be contrary by law, then such sections or provisions shall be null and void and shall be deemed separable from the remaining sections or provisions in the ordinance codified in this chapter and shall in no way affect the validity of the remaining sections or provisions in the ordinance codified in this chapter. (Ord. 2008-10 § 2).

6.06.090 General duty.

Nothing in this chapter is intended to create a cause of action or claim against the city or its officials or employees running to specific individuals. Any duty created herein is intended to be a general duty running in favor of the public citizenry. (Ord. 2008-10 § 2).

MEMORANDUM

November 6, 2019

To: Cus Arteaga, City Administrator
City of Grandview

From: Ted Pooler, PE
HLA Engineering and Land Surveying, Inc. (HLA)

Re: 2020 Sewer Rates
Distribution of Usage Charges Among User Types

At the November 4, 2019, Council Work Session, a question was raised regarding the differences in the sewer rates charged for water usage in excess of the first 5,000 gallon per month. The subject 2020 sewer rates are repeated below for reference.

Industrial Employees

Minimum Monthly Charge for 5,000 gallons\$41.80
Plus for each 1,000 gallons after 5,000 gallons.....\$5.19

Residential and Public Users

Minimum Monthly Charge for 5,000 gallons\$35.32
Plus for each 1,000 gallons after 5,000 gallons.....\$5.59

Commercial, Business and Industrial Users

Minimum Monthly Charge for 5,000 gallons\$35.32
Plus for each 1,000 gallons after 5,000 gallons.....\$4.39

Grocery Stores, Bakeries, Restaurants, and Drive-Ins

Minimum Monthly Charge for 5,000 gallons\$35.32
Plus for each 1,000 gallons after 5,000 gallons.....\$5.14

Differences in charges between the user groups were first introduced into the rate structure in 1995 when the City adopted a new approach to rates based on the strength of sewage (known as a loading-based rate structure) rather than a flow-based rate structure. The new structure was phased in over three years with the purpose to equitably distribute costs amongst users and hold industries accountable for their high strength wastes. Fundamental tenants of that original rate structure were:

- Treatment costs were assigned to flow, biochemical oxygen demand (BOD), and total suspended solids (TSS). As the new rate structure was shifted from flow-based to loading-based, a higher proportion of cost was shifted from flow to BOD and TSS.
- Large industrial customers would be charged for the amount of flow (gallons), BOD (pounds), and TSS (pounds) discharged to the system as measured through metering and monitoring stations.
- Since it is impractical to measure BOD and TSS from individual houses and businesses, assumed values were used.

- Base charges and unit charges were set to generate the required revenue. Base charges were held constant among the user groups and unit charges for sewage in excess of the first 5,000 gallons were adjusted to account for the different strengths and treatment costs.
- Some adjustments were made at the Council's discretion to benefit industries, businesses, and other commercial users to retain existing users and promote commercial and industrial growth.

Over the ensuing years, rate adjustments have generally been made across the board based on percentage increases needed to generate the required revenue. As a result, those initial differences in usage charges have been carried forward.

Should you have any questions or need more information, please feel free to contact our office.

ORDINANCE NO. 2019-__

AN ORDINANCE OF THE CITY OF GRANDVIEW, WASHINGTON,
AMENDING GRANDVIEW MUNICIPAL CODE SECTION 13.28.050
SETTING DOMESTIC SEWER RATES

WHEREAS, sewer service provided by the City of Grandview ("City") is critical to the health and welfare of the citizens of the City; and,

WHEREAS, rate adjustments are necessary from time to time to ensure that sufficient revenues exist in the Water/Sewer Fund to properly maintain the citizens' utilities and provide adequate services to City residents and businesses and to adequately service the water/sewer debt issued by the City; and,

WHEREAS, Grandview Municipal Code Section 13.28.050 provides for domestic sewer rates;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRANDVIEW, as follows:

Section 1. Grandview Municipal Code Section 13.28.050, which reads as follows:

13.28.050 Sewer rates.

2019 rates set forth herein shall become effective on December 15, 2018, excluding section B – Rates for Large Industrial Users within the City, which shall become effective on January 1, 2019.

A. **Definitions.** Unless the context specifically indicates otherwise, the meaning of the terms used in this section shall be as defined in GMC 13.04.010.

B. **Rates for Large Industrial Commercial Users within the City.** Sewer rates for large industrial or commercial accounts required to install monitoring stations, to be charged by the City of Grandview for sewer service, are, until further ordinance by the City Council, as follows:

Sewer rates shall be based upon the volume and strength of the wastewater discharged as follows:

<u>Parameter</u>	<u>Rate</u>
Flow per 1,000 gallon	\$3.2017
BOD per pound	\$0.0980
TSS per pound	\$0.3090

Quantities of flow, BOD and TSS shall be as determined by the City using data and results obtained by the City from the monitoring stations installed by each large industrial or commercial user. The minimum monthly charge for large industrial and

commercial users shall be as follows:

<u>Service Description</u>	<u>Rate</u>
Minimum monthly charge	\$684.95

The minimum monthly charge for separate sanitary waste, as discussed below, shall be included in this minimum amount. The City of Grandview shall charge for sanitary waste flows that do not pass through the industrial monitoring stations for the large industrial or commercial accounts. Such sanitary waste flows shall be determined based on the number of "full-time equivalent" employees employed by the large industrial or commercial user.

"Full-time equivalent" refers to the calculation made to determine the number of employees, both part- and full-time, employed in the City of Grandview, by a particular business. The quarterly Department of Labor and Industries report should be used to determine the number of employee equivalents by dividing the total hours of all classes of workers employed by 520 hours and adding the number of owners, partners, and officers employed in the business and not included above. If the quarterly Department of Labor and Industries report does not accurately reflect the number of employees employed within the City of Grandview, then equivalent quarterly information may be used to determine the number of employee equivalents by dividing the total hours of all classes of workers employed by 520 hours and adding the number of owners, partners and officers employed in the business and not included in the worker hours.

For example: if an industry reported 10,400 hours for the first quarter, the calculation would be:

Monthly number of equivalent employees = $10,400/520 = 20$

A copy of the report or form used to determine worker hours and "full-time equivalent" employees shall be provided to the City each quarter.

The sanitary waste water flows for a three-month period shall be based on the number of hours reported for the previous quarter and shall be calculated using 300 gallons per employee per day as follows:

Monthly flow volume in gallons = monthly number of equivalent employees times 300 gallons per equivalent employee.

For example: using the 20 monthly number of equivalent employees calculated above for the first quarter, the flow volume used for sewer rates for each month of the second quarter would be:

Monthly flow volume in gallons = $20 \times 300 = 6,000$ gallons

Charges by the City of Grandview for such sanitary waste sewer services are, until

further ordinance by the City Council, as follows:

Sewer rates shall be based upon a minimum monthly charge plus a per unit rate for each 1,000 gallons of water delivered in excess of the first 5,000 gallons per month as follows:

<u>Minimum Monthly Charge</u>	<u>Rate</u>
Minimum for 5,000 gallons	\$40.58
Plus for each 1,000 gallons after 5,000 gallons	\$ 5.04

C. **Rates for Residential and Public Users within the City.** Sewer rates for all accounts within the corporate City limits, except industrial, business and commercial accounts, to be charged by the City of Grandview for sewer services are, until further ordinance by the City Council, as follows. Sewer rates shall be based upon a minimum monthly charge plus a per unit rate for each 1,000 gallons of water delivered in excess of the first 5,000 gallons per month as follows:

<u>Minimum Monthly Charge</u>	<u>Rate</u>
Minimum for 5,000 gallons	\$34.29
Plus for each 1,000 gallons after 5,000 gallons	\$ 5.43

Provided, during the irrigation season (March 15th to October 15th – Resolution No. 2004-20) the sewer rate use charge shall be fixed and based upon the average monthly water usage during the non-irrigation season (October 15th to March 15th). During the non-irrigation season, the sewer rate use charge shall be fixed and based upon actual water use.

D. **Rates for Commercial, Business, and Industrial Users within the City.** Sewer rates for commercial, business, and industrial sewer services within the corporate City limits not required to install monitoring stations, with the exception of grocery stores, bakeries, restaurants, and drive-ins, to be charged by the City of Grandview for sewer services are, until further ordinance by the City Council, as follows:

Sewer rates shall be based upon a minimum monthly charge plus a per unit rate for each 1,000 gallons of water delivered in excess of the first 5,000 gallons per month as follows:

<u>Minimum Monthly Charge</u>	<u>Rate</u>
Minimum for 5,000 gallons	\$34.29
Plus for each 1,000 gallons after 5,000 gallons	\$ 4.26

Commercial, business, and industrial sewer services within the corporate City limits not required to install monitoring stations who lose volume of water through evaporation, irrigation, or in the product may request a reduction in their monthly sewer charge only if the difference between water consumed and wastewater discharged to the City is documented through the use of water meters. In such situations, the monthly sewer

charges will be based upon the volume of wastewater discharged to the City at the rates specified.

Sewer rates for grocery stores, bakeries, restaurants, and drive-ins to be charged by the City of Grandview for sewer services are, until further ordinance by the City council, as follows. Sewer rates shall be based upon a minimum monthly charge plus a per unit rate for each 1,000 gallons of water delivered in excess of the first 5,000 gallons per month as follows:

<u>Minimum Monthly Charge</u>	<u>Rate</u>
Minimum for 5,000 gallons	\$34.29
Plus for each 1,000 gallons after 5,000 gallons	\$ 4.99

E. **Rates outside City.** Sewer rates for all accounts outside the corporate City limits, to be charged by the City of Grandview for sewer services are, until further ordinance by the City Council, 150 percent of the corresponding rate charged for a similar facility located within the corporate City limits; except when property to be served is subject to pending annexation and Yakima County has given the City early transfer of authority as provided in Article G.6 of the Interlocal Agreement for Growth Management Act implementation in Yakima County, adopted by Resolution No. 99-14. In the event such property is not annexed at the next available annexation election date, said property shall pay at the rate of all other property outside the City limits. Where user is supplied by water from non-City sources, upon demand of the City Council, the supply shall be metered at the owner's expense and the City shall have the right of access to the meter.

F. In addition to all sewer charges, applicable Washington State and local utility taxes shall be shown on the billing and collected in accordance with this chapter and GMC 13.28.120.

G. **Penalty.** The City of Grandview shall charge monetary penalties for slug or accidental discharges of wastes from large industrial or commercial users in accordance with GMC 13.12.120 and, until further ordinance of the City Council, penalties for violation of pH limits in accordance with the following schedule:

Any discharge of wastes from a large industrial or commercial user with a pH lower than five or higher than 11, for an average over a 15-minute period within a 60-minute duration, or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the sewage works, shall be subject to a penalty as follows per hour for each hour said violation continues to occur. In addition, the City may charge the discharger for actual costs of mitigating the effects of the impact of the discharge on the sewer system and treatment facilities:

<u>Penalty Description</u>	<u>Rate</u>
Slug/accidental discharge	\$329.60 per hour

Is hereby amended to read, as follows:

13.28.050 Sewer rates.

2020 rates set forth herein shall become effective on December 15, 2019, excluding section B – Rates for Large Industrial Users within the City, which shall become effective on January 1, 2020.

A. **Definitions.** Unless the context specifically indicates otherwise, the meaning of the terms used in this section shall be as defined in GMC 13.04.010.

B. **Rates for Large Industrial Commercial Users within the City.** Sewer rates for large industrial or commercial accounts required to install monitoring stations, to be charged by the City of Grandview for sewer service, are, until further ordinance by the City Council, as follows:

Sewer rates shall be based upon the volume and strength of the wastewater discharged as follows:

<u>Parameter</u>	<u>Rate</u>
Flow per 1,000 gallon	\$3.2978
BOD per pound	\$0.1009
TSS per pound	\$0.3183

Quantities of flow, BOD and TSS shall be as determined by the City using data and results obtained by the City from the monitoring stations installed by each large industrial or commercial user. The minimum monthly charge for large industrial and commercial users shall be as follows:

<u>Service Description</u>	<u>Rate</u>
Minimum monthly charge	\$705.50

The minimum monthly charge for separate sanitary waste, as discussed below, shall be included in this minimum amount. The City of Grandview shall charge for sanitary waste flows that do not pass through the industrial monitoring stations for the large industrial or commercial accounts. Such sanitary waste flows shall be determined based on the number of "full-time equivalent" employees employed by the large industrial or commercial user.

"Full-time equivalent" refers to the calculation made to determine the number of employees, both part- and full-time, employed in the City of Grandview, by a particular business. The quarterly Department of Labor and Industries report should be used to determine the number of employee equivalents by dividing the total hours of all classes of workers employed by 520 hours and adding the number of owners, partners, and officers employed in the business and not included above. If the quarterly Department of Labor and Industries report does not accurately reflect the number of employees employed within the City of Grandview, then equivalent quarterly information may be

used to determine the number of employee equivalents by dividing the total hours of all classes of workers employed by 520 hours and adding the number of owners, partners and officers employed in the business and not included in the worker hours.

For example: if an industry reported 10,400 hours for the first quarter, the calculation would be:

Monthly number of equivalent employees = $10,400/520 = 20$

A copy of the report or form used to determine worker hours and "full-time equivalent" employees shall be provided to the City each quarter.

The sanitary waste water flows for a three-month period shall be based on the number of hours reported for the previous quarter and shall be calculated using 300 gallons per employee per day as follows:

Monthly flow volume in gallons = monthly number of equivalent employees times 300 gallons per equivalent employee.

For example: using the 20 monthly number of equivalent employees calculated above for the first quarter, the flow volume used for sewer rates for each month of the second quarter would be:

Monthly flow volume in gallons = $20 \times 300 = 6,000$ gallons

Charges by the City of Grandview for such sanitary waste sewer services are, until further ordinance by the City Council, as follows:

Sewer rates shall be based upon a minimum monthly charge plus a per unit rate for each 1,000 gallons of water delivered in excess of the first 5,000 gallons per month as follows:

<u>Minimum Monthly Charge</u>	<u>Rate</u>
Minimum for 5,000 gallons	\$41.80
Plus for each 1,000 gallons after 5,000 gallons	\$ 5.19

C. **Rates for Residential and Public Users within the City.** Sewer rates for all accounts within the corporate City limits, except industrial, business and commercial accounts, to be charged by the City of Grandview for sewer services are, until further ordinance by the City Council, as follows. Sewer rates shall be based upon a minimum monthly charge plus a per unit rate for each 1,000 gallons of water delivered in excess of the first 5,000 gallons per month as follows:

<u>Minimum Monthly Charge</u>	<u>Rate</u>
Minimum for 5,000 gallons	\$35.32
Plus for each 1,000 gallons after 5,000 gallons	\$ 5.59

Provided, during the irrigation season (March 15th to October 15th – Resolution No. 2004-20) the sewer rate use charge shall be fixed and based upon the average monthly water usage during the non-irrigation season (October 15th to March 15th). During the non-irrigation season, the sewer rate use charge shall be fixed and based upon actual water use.

D. Rates for Commercial, Business, and Industrial Users within the City.

Sewer rates for commercial, business, and industrial sewer services within the corporate City limits not required to install monitoring stations, with the exception of grocery stores, bakeries, restaurants, and drive-ins, to be charged by the City of Grandview for sewer services are, until further ordinance by the City Council, as follows:

Sewer rates shall be based upon a minimum monthly charge plus a per unit rate for each 1,000 gallons of water delivered in excess of the first 5,000 gallons per month as follows:

<u>Minimum Monthly Charge</u>	<u>Rate</u>
Minimum for 5,000 gallons	\$35.32
Plus for each 1,000 gallons after 5,000 gallons	\$ 4.39

Commercial, business, and industrial sewer services within the corporate City limits not required to install monitoring stations who lose volume of water through evaporation, irrigation, or in the product may request a reduction in their monthly sewer charge only if the difference between water consumed and wastewater discharged to the City is documented through the use of water meters. In such situations, the monthly sewer charges will be based upon the volume of wastewater discharged to the City at the rates specified.

Sewer rates for grocery stores, bakeries, restaurants, and drive-ins to be charged by the City of Grandview for sewer services are, until further ordinance by the City council, as follows. Sewer rates shall be based upon a minimum monthly charge plus a per unit rate for each 1,000 gallons of water delivered in excess of the first 5,000 gallons per month as follows:

<u>Minimum Monthly Charge</u>	<u>Rate</u>
Minimum for 5,000 gallons	\$35.32
Plus for each 1,000 gallons after 5,000 gallons	\$ 5.14

E. Rates outside City. Sewer rates for all accounts outside the corporate City limits, to be charged by the City of Grandview for sewer services are, until further ordinance by the City Council, 150 percent of the corresponding rate charged for a similar facility located within the corporate City limits; except when property to be served is subject to pending annexation and Yakima County has given the City early transfer of authority as provided in Article G.6 of the Interlocal Agreement for Growth Management Act implementation in Yakima County, adopted by Resolution No. 99-14. In the event

such property is not annexed at the next available annexation election date, said property shall pay at the rate of all other property outside the City limits. Where user is supplied by water from non-City sources, upon demand of the City Council, the supply shall be metered at the owner's expense and the City shall have the right of access to the meter.

F. In addition to all sewer charges, applicable Washington State and local utility taxes shall be shown on the billing and collected in accordance with this chapter and GMC 13.28.120.

G. **Penalty**. The City of Grandview shall charge monetary penalties for slug or accidental discharges of wastes from large industrial or commercial users in accordance with GMC 13.12.120 and, until further ordinance of the City Council, penalties for violation of pH limits in accordance with the following schedule:

Any discharge of wastes from a large industrial or commercial user with a pH lower than five or higher than 11, for an average over a 15-minute period within a 60-minute duration, or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the sewage works, shall be subject to a penalty as follows per hour for each hour said violation continues to occur. In addition, the City may charge the discharger for actual costs of mitigating the effects of the impact of the discharge on the sewer system and treatment facilities:

<u>Penalty Description</u>	<u>Rate</u>
Slug/accidental discharge	\$339.50 per hour

Section 2. This Ordinance shall be in full force and effect five (5) day after its passage and publication as required by law.

PASSED by the **CITY COUNCIL** and **APPROVED** by the **MAYOR** at its regular meeting on November 12, 2019.

MAYOR

ATTEST:

CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY

PUBLICATION: 11/13/19
EFFECTIVE: 11/18/19

ORDINANCE NO. 2019-__

**AN ORDINANCE OF THE CITY OF GRANDVIEW, WASHINGTON,
AMENDING GRANDVIEW MUNICIPAL CODE SECTION 13.28.060(B)
SETTING IRRIGATION WATER RATES**

WHEREAS, irrigation water service provided by the City of Grandview ("City") is critical to the health and welfare of the citizens of the City; and,

WHEREAS, rate adjustments are necessary from time to time to ensure that sufficient revenues exist in the Irrigation Fund to properly maintain the citizens' utilities and provide adequate services to City residents and businesses; and,

WHEREAS, Grandview Municipal Code subsection 13.28.060(B) provides for irrigation water rates;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRANDVIEW, as follows:

Section 1. Grandview Municipal Code subsection 13.28.060(B), which reads as follows:

13.28.060(B) Irrigation Rates.

2019 irrigation rates shall become effective commencing January 1, 2019, as follows:

1. For land serviced by pressure irrigation, the service rate shall be \$0.018007 per square foot and the minimum charge per property shall be the sum of \$108.13 per year.
2. For land served by gravity flow where the city is responsible for maintenance, the service rate shall be \$0.004094 per square foot or \$178.31 per acre, and the minimum charge per property shall be the sum of \$71.61 per year.
3. For lands served by gravity flow, where the city is not responsible for maintenance or where no water is delivered, the service rate shall be \$0.002083 per square foot or \$90.70 per acre per year or \$37.91 minimum charge per year per property owner.

is hereby amended to read as follows:

13.28.060(B) Irrigation Rates.

2020 irrigation rates shall become effective commencing January 1, 2020, as follows:

1. For land serviced by pressure irrigation, the service rate shall be \$0.018367 per square foot and the minimum charge per property shall be the sum of \$110.29 per year.

2. For land served by gravity flow where the city is responsible for maintenance, the service rate shall be \$0.004176 per square foot or \$181.88 per acre, and the minimum charge per property shall be the sum of \$73.04 per year.

3. For lands served by gravity flow, where the city is not responsible for maintenance or where no water is delivered, the service rate shall be \$0.002125 per square foot or \$92.51 per acre per year or \$38.67 minimum charge per year per property owner.

Section 2. This Ordinance shall be in full force and effect five (5) day after its passage and publication as required by law.

PASSED by the **CITY COUNCIL** and **APPROVED** by the **MAYOR** at its regular meeting on November 12, 2019.

MAYOR

ATTEST:

CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY

PUBLICATION: 11/13/19
EFFECTIVE: 11/18/19

GRANDVIEW FIRE DEPARTMENT

MEMORANDUM

TO: Mayor & Councilmembers
COPY: Cus Arteaga, City Administrator & Anita Palacios, City Clerk
FROM: Pat Mason, Fire Chief
DATE: November 6, 2019
SUBJECT: USDA Rural Development Funding Assistance Application to Purchase Firefighter Self-Contained Breathing Apparatus (SCBA)

Self-Contained Breathing Apparatus (SCBA's) are the air packs that we wear to enter an Immediately Dangerous to Life and Health (IDLH) atmosphere such as a building full of smoke and heat. We currently have 6 SCBA's that were purchased in 2018 with the funding to purchase the new KME Pumper fire truck. We have 22 SCBA's that were purchased in 2005 with an Assistance to Firefighters Grant. These 22 units need to be replaced in 2020. We have applied for an Assistance to Firefighters Grant to replace them the last 3 years and have been unsuccessful. See attached denial letter. It will cost approximately \$161,000 to purchase these 22 SCBA's and the associated equipment that goes with them.

We put \$52,000 aside for this purchase in the Capital Expenditures category of the Fire Suppression budget in 2018 and an additional \$52,000 in 2019. This would mean we would need to add an additional \$57,000 to this line item in 2020 to make this purchase. Due to the upcoming tight budget, I was asked to research alternative financing for this purchase to spread the impact to the budget out over a period of time. I have spoken with Marti Canatsey, with USDA Rural Development, and she has advised me that this purchase would qualify for the same type of loan that we applied for and received when we purchased the new fire truck. The current rate for the loan until January 1, 2020 is 3%. We would be applying for a 10-year loan. The life expectancy of this equipment would be 15 years.

I am requesting approval from the City Council to move forward with the application process to borrow the \$161,000 from USDA Rural Development.

If you have any questions or need further information please let me know.

Thank you for your consideration.

Pat Mason

From: firegrants@dhs.gov
Sent: Tuesday, October 22, 2019 6:49 AM
To: Pat Mason
Subject: Reference: EMW-2018-FO-05491

Patrick Mason
Grandview Fire Department
110 Avenue A
Grandview, Washington 98930

Reference: EMW-2018-FO-05491

Dear Assistance to Firefighters Grant Program Applicant:

On behalf of the Federal Emergency Management Agency's (FEMA) Grant Programs Directorate, I would like to thank you for applying for assistance under the Fiscal Year (FY) 2018 Assistance to Firefighters Grant (AFG) Program. Regrettably, and after careful consideration and review, your application was not funded and did not receive further consideration through the panel review process. We regret that the news could not be more favorable.

As you are aware, the AFG Program is among the Department of Homeland Security's (DHS) and FEMA's most competitive grant programs. In FY 2018, FEMA received 8,439 AFG applications, requesting more than \$1.8 billion in federal assistance. The large number of applications received, and the finite amount of available funding, resulted in many commendable applicants not being funded and accentuates the highly competitive nature of this program. FEMA encourages your organization to apply for the FY 2019 AFG funding opportunities.

Given the high number of applications received, the AFG Program is unable to provide your organization with an individualized comprehensive review of your application at this time. However, we offer a webinar to assist you in understanding our decision and to help you in preparing future applications. For additional information and webinar schedule, please visit <https://www.fema.gov/assistance-firefighters-grant>.

Your interest in the AFG Program reminds us that America's fire and emergency medical services organizations continue to have great need for support. FEMA and DHS will continue to work closely with and support the Nation's first responders and their vital work. Thank you again for your dedication and commitment.

Regards,

Kerry L. Thomas
Director
Preparedness Grant Division

9. MAYOR & COUNCILMEMBER REPORTS

Employee Appreciation Picnic – Councilmember Jennings reported that the Employee Appreciation Picnic would be held on September 17, 2019, 12:00 Noon, at the Country Park Food Pavilion. Garcia's Restaurant would be catering the event. A payroll deduction from the Mayor and Council would be determined following receipt of expenses incurred.

Benton County Mosquito Control Board – Councilmember Moore attended the Benton County Mosquito Board meeting on August 26, 2019.

Snow Control Information – Mayor Mendoza distributed copies of a memo prepared by City Administrator Arteaga regarding snow control. She requested that Council review the documentation for discussion at a future meeting.

Mayor's Action Plan – Mayor Mendoza reported that she would be compiling an Action Plan for her next term and requested to meet with each Councilmember individually to gather their input.

10. ADJOURNMENT

On motion by Councilmember Moore, second by Councilmember Rodriguez, Council adjourned the regular meeting 7:50 p.m.

Mayor Gloria Mendoza

Anita Palacios, City Clerk



Memorandum

To: Mayor/Council

From: Cus Arteaga, City Administrator/Public Works Director

Date: July 23, 2019

Re: Snow Control Information

The month of February 2019 was considered as record setting in regards to the amount of snow accumulations we experienced for our areas. Storms such as these, are very challenging because City Departments are not equipped with the manpower nor the equipment to handle such extreme events. Therefore, each year, we re-evaluate our policies/procedures and, if appropriate, we modify and/or change the way we perform our snow maintenance. This year I reached out to our neighboring cities and requested the following information:

- Copies of their snow plans.
- Information regarding their snow control efforts.
- Information regarding their snow budgets.
- Number of employees working their City's snow control.

I contacted Prosser, Sunnyside, Toppenish, Moxee, and Selah. Attached is a spread sheet with their responses. **(See attachment #1, Snow Control Questionnaire)**

INDUSTRY STANDARD:

Overall, it appears that the industry standard is to begin plowing efforts at approximately three inches and to plow all snow accumulations to the sides. In the process cars will be buried as well as driveways making it the property owners' responsibility to dig themselves out.

Grandview is the only City that is cleaning residential sidewalks, opening driveways and removing plowed snow from any residential areas.

This year we expended over \$150,000 battling the extreme snow conditions while Sunnyside and Toppenish spent under \$10,000, Selah spent \$56,000 and Moxee spent \$15,000. The major difference is the cost of removing and/or hauling off snow within the residential areas.

RECOMMENDATION:

Grandview's budgets cannot continue to support an annual \$150,000 per year snow control budget without affecting other departments that are supported by the General Fund. Our previous six-year expenditure average is approximately \$34,000, (**See attachment #2, Average Cost Information**) therefore; the \$80,000 annual snow budget should support an acceptable program if we also follow the industry standard which is as follows:

- **Do not plow to the center and only plow to the sides.**
- **Do not maintain residential sidewalks.**
- **Minimize the use of private contractors which requires us to pay prevailing wages.**

Our snow plan can be revised to meet the following:

- **We start plowing efforts at 3-inches for the downtown, the school, the arterials and the commercial areas.**
- **We plow snow to the sides except for the downtown area and we either remove and/or stock pile snow at the intersection corners like the other cities.**
- **We continue to apply de-icing materials on all street intersections, hill areas, around school zones and the downtown area.**
- **We continue to apply sand/gravel to the same areas mentioned above, when appropriate.**
- **We start incorporating salt into our sand during heavy icy weather.**

In reviewing the numerous snow control plans, I recommend that the City of Grandview revise our current snow plan to reflect what the City of Pasco is providing (**See attachment #3, Snow Removal Plans**). This plan has similarities to what we encounter but at a smaller scale. The City of Sunnyside has also adopted the Pasco Plan.

This plan addresses questions regarding reasons why plowing to the center is not a good option, reasons why plowing snow onto parked cars and driveways is unavoidable and why residential streets are seldom plowed.

2019 BUDGET AMENDMENT RECOMMENDATION:

We have expended approximately \$164,000 so far in 2019 and I recommend that, as we amend this year's snow budget, we also include at least an additional \$20,000 in order to provide coverage during the months of November and December.

Attachment #1

SNOW CONTROL QUESTIONNAIRES



Memorandum

To: Todd Dorsett, APWD

COPY: Juan Moreno, PW Foreman

From: Cus Arteaga, City Administrator/Public Works Director

Date: March 11, 2019

Re: Snow Control

Snow control is a very challenging endeavor. You can have a plan in place with all the right intentions but the key factor that no one can truly predict and/or control is "Mother Nature". This year, we were taken to the task because we couldn't keep up with Mother Nature. We were plowing, but as hard as it was snowing, it appeared as if we hadn't done anything. It is times such as these that we must regroup and reevaluate what we do just to make sure we are doing the right thing. Snow removal is very expensive and once you commit to plowing there is no turning back.

I want us to meet with our neighbors and ask them what they do within their cities and then compare that information to what we offer and/or do. We should be open minded to change in order to improve our services.

Please ask for information to the following questions:

CITY: Grandview CONTACT PERSON: Todd

- How many consecutive hours do they allow an employee to log per shift? For example, we had employees logging 18 to 22-hours straight.

18-20 hours

- At what depth of snow accumulation do they start plowing downtown and what do they do with the snow?

3-inches

- When they plow, do they plow all streets to the middle or to the sides?

First to the sides and as it continues to accumulate we then plow to the center

- Do they open side roads, driveways and /or intersections after plowing?

☒ YES ☐ NO _____

- Do they plow the entire city? ☒ YES ☐ NO

- At what depth of snow do they plow residential areas, do they bury cars and driveways? *8" and above and currently we plow to the center in order of not burying cars and driveways*

- If they plow residential areas do they also remove the snow? ☒ YES ☐ NO

- Do they clean sidewalks (commercial areas)? ☒ YES ☐ NO

- Is it the homeowner's responsibility to clean the sidewalk in front of their property? ☒ YES ☐ NO *but the city does clean all sidewalks as time permits*

If yes, is there a fine for not cleaning the sidewalk? ☐ YES ☒ NO

- How many employees do they have working snow control?

8 employees

- What is their annual snow control budget?

approximately \$80,000 per year

- How do they inform the public regarding areas that they are working on?

Face book

- Do they use private contractors? What is the going hourly rate?

yes, \$140 per truck + driver \$160 for a loader + driver



Memorandum

To: Todd Dorsett, APWD

COPY: Juan Moreno, PW Foreman

From: Cus Arteaga, City Administrator/Public Works Director

Date: March 11, 2019

Re: Snow Control

Snow control is a very challenging endeavor. You can have a plan in place with all the right intentions but the key factor that no one can truly predict and/or control is "Mother Nature". This year, we were taken to the task because we couldn't keep up with Mother Nature. We were plowing, but as hard as it was snowing, it appeared as if we hadn't done anything. It is times such as these that we must regroup and reevaluate what we do just to make sure we are doing the right thing. Snow removal is very expensive and once you commit to plowing there is no turning back.

I want us to meet with our neighbors and ask them what they do within their cities and then compare that information to what we offer and/or do. We should be open minded to change in order to improve our services.

Please ask for information to the following questions:

CITY: MOORE CONTACT PERSON: Byron Adams

- How many consecutive hours do they allow an employee to log per shift? For example, we had employees logging 18 to 22-hours straight.

12 hours MAX

- At what depth of snow accumulation do they start plowing downtown and what do they do with the snow?

AT LEAST 2" push into piles + parking stalls, block corner's

- When they plow, do they plow all streets to the middle or to the sides?

ALL TO SIDES

- Do they open side roads, driveways and /or intersections after plowing?

☒ YES ☒ NO INTERSECTION ONLY

- Do they plow the entire city? ☒ YES ☐ NO - when they get TIME

- At what depth of snow do they plow residential areas, do they bury cars and driveways? 3" or more - YES plow cars + driveways in.

IT'S UP TO HOME OWNER TO SHOVEL OUT CARS + D/W'S

- If they plow residential areas do they also remove the snow? ☐ YES ☒ NO

- Do they clean sidewalks (commercial areas)? ☒ YES ☐ NO

- Is it the homeowner's responsibility to clean the sidewalk in front of their property? ☐ YES ☐ NO

If yes, is there a fine for not cleaning the sidewalk? ☐ YES ☒ NO

- How many employees do they have working snow control?

4 EMPLOYEES

- What is their annual snow control budget?

\$15,000⁰⁰ - FUEL JUST MATERIAL (SAND, GRAVEL) - NO LABOR, TRUCKS ETC

- How do they inform the public regarding areas that they are working on?

THEY DON'T -

- Do they use private contractors? What is the going hourly rate?

NO



Memorandum

To: Todd Dorsett, APWD

COPY: Juan Moreno, PW Foreman

From: Cus Arteaga, City Administrator/Public Works Director

Date: March 11, 2019

Re: Snow Control

Snow control is a very challenging endeavor. You can have a plan in place with all the right intentions but the key factor that no one can truly predict and/or control is "Mother Nature". This year, we were taken to the task because we couldn't keep up with Mother Nature. We were plowing, but as hard as it was snowing, it appeared as if we hadn't done anything. It is times such as these that we must regroup and reevaluate what we do just to make sure we are doing the right thing. Snow removal is very expensive and once you commit to plowing there is no turning back.

I want us to meet with our neighbors and ask them what they do within their cities and then compare that information to what we offer and/or do. We should be open minded to change in order to improve our services.

Please ask for information to the following questions:

CITY: PROSSER CONTACT PERSON: MARY GROOM

- How many consecutive hours do they allow an employee to log per shift? For example, we had employees logging 18 to 22-hours straight.

12 Hours + Then ROTATE. NO ONE WAS CALLED OUT
APRIL 10:30 P.M.

- At what depth of snow accumulation do they start plowing downtown and what do they do with the snow?

3 INCHES, SELECTED CORNERS FOR STOCKPILING SNOW. PILES
WERE REMOVED IN THE CORE DOWNTOWN AREA. MORE PILES LEFT
FOR MOTHER NATURE.

- When they plow, do they plow all streets to the middle or to the sides?

SIDPS. WCR WAS PLOWED TO DE CENTER + THEN REMOVED.

- Do they open side roads, driveways and /or intersections after plowing?

☒ YES ☐ NO NO RESIDENTIAL DRIVEWAYS PLOWED

- Do they plow the entire city? ☒ YES ☐ NO

- At what depth of snow do they plow residential areas, do they bury cars and driveways? 3 INCHES, SOME CARS ARE BURIED BUT, HAD BEEN

NOT MOVED IN MONTHS. PLOWS ARE ADJUSTED AT DRIVEWAYS TO NOT LEAVE A BERM

- If they plow residential areas do they also remove the snow? ☐ YES ☒ NO

- Do they clean sidewalks (commercial areas)? ☒ YES ☐ NO

OUR FACILITIES, PARKWAY, + BENNETT (PORTION) + EAST SIDE OF WCR

- Is it the homeowner's responsibility to clean the sidewalk in front of their property? ☒ YES ☐ NO

If yes, is there a fine for not cleaning the sidewalk? ☐ YES ☒ NO

- How many employees do they have working snow control?

4 STREET EMPLOYEES, 1- WASTE WATER, 2- PARKS, 1- WATER

- What is their annual snow control budget?

\$6,000 FOR SAND/DE-ICE, \$21,000 WAGES 2009

- How do they inform the public regarding areas that they are working on?

MAP ON WEBSITE OR PLow PLOWER CLASS I THROUGH IV

- Do they use private contractors? What is the going hourly rate?

NO PRIVATE CONTRACTORS

* FREQUENT COMPLAINTS - WHEN IS MY STREET GETTING PLOWED?

DO YOU OR WILL YOU CLEAN MY SIDEWALK

GARBAGE TRUCKS DID NOT PICKUP BECAUSE OF SNOW



Memorandum

To: Todd Dorsett, APWD

COPY: Juan Moreno, PW Foreman

From: Cus Arteaga, City Administrator/Public Works Director

Date: March 11, 2019

Re: Snow Control

Snow control is a very challenging endeavor. You can have a plan in place with all the right intentions but the key factor that no one can truly predict and/or control is "Mother Nature". This year, we were taken to the task because we couldn't keep up with Mother Nature. We were plowing, but as hard as it was snowing, it appeared as if we hadn't done anything. It is times such as these that we must regroup and reevaluate what we do just to make sure we are doing the right thing. Snow removal is very expensive and once you commit to plowing there is no turning back.

I want us to meet with our neighbors and ask them what they do within their cities and then compare that information to what we offer and/or do. We should be open minded to change in order to improve our services.

Please ask for information to the following questions:

CITY: SELAH CONTACT PERSON: Ty Jones

- How many consecutive hours do they allow an employee to log per shift? For example, we had employees logging 18 to 22-hours straight.

12 MAX - 6 off back work

- At what depth of snow accumulation do they start plowing downtown and what do they do with the snow?

3" - plow TOO SIDES + pick-up LATER if needed, main
(ARTISIALS + DOWNTOWN SIDEWALKS they fall back + pick-up LATER)

- When they plow, do they plow all streets to the middle or to the sides?

plow to side

- Do they open side roads driveways and /or intersections after plowing?

☒ YES ☐ NO open Driveways / Special Needs, Senior Citizens

- Do they plow the entire city? ☒ YES ☐ NO

- At what depth of snow do they plow residential areas, do they bury cars and driveways? 3" Hill Areas first, YES

- If they plow residential areas do they also remove the snow? ☐ YES ☒ NO

- Do they clean sidewalks (commercial areas)? ☒ YES ☐ NO (Downtown)

- Is it the homeowner's responsibility to clean the sidewalk in front of their property? ☒ YES ☐ NO

If yes, is there a fine for not cleaning the sidewalk? ☐ YES ☒ NO

- How many employees do they have working snow control?

10-12 guys

- What is their annual snow control budget?

\$50,000⁰⁰ - MATERIALS (some labor)
\$6,000⁰⁰ over

- How do they inform the public regarding areas that they are working on?

DON'T

- Do they use private contractors? What is the going hourly rate?

No,



Memorandum

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COPY: Juan Moreno, PW Foreman

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Date: March 11, 2019

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Snow control is a very challenging endeavor. You can have a plan in place with all the right intentions but the key factor that no one can truly predict and/or control is "Mother Nature". This year, we were taken to the task because we couldn't keep up with Mother Nature. We were plowing, but as hard as it was snowing, it appeared as if we hadn't done anything. It is times such as these that we must regroup and reevaluate what we do just to make sure we are doing the right thing. Snow removal is very expensive and once you commit to plowing there is no turning back.

I want us to meet with our neighbors and ask them what they do within their cities and then compare that information to what we offer and/or do. We should be open minded to change in order to improve our services.

Please ask for information to the following questions:

CITY: Toppenish CONTACT PERSON: Rocky Wallace

- How many consecutive hours do they allow an employee to log per shift? For example, we had employees logging 18 to 22-hours straight.

12 max.

- At what depth of snow accumulation do they start plowing downtown and what do they do with the snow?

➤ 5" by 9:00am // 1-2" in morning - minimal plowing
MADE piles in parking strips -

- When they plow, do they plow all streets to the middle or to the sides?

DOWNTOWN, TO CENTER + HAULED OFF BY CITY TRUCKS / EVERYTHING ELSE TO CURB

- Do they open side roads, driveways and /or intersections after plowing?

☐ YES ☐ NO NO DRIVeways / IF NO GOOD INTERSECTIONS + SIDE ROADS

- Do they plow the entire city? ☒ YES ☒ NO

- At what depth of snow do they plow residential areas, do they bury cars and driveways? 6" + YES + ~~bury~~ D/W'S + CARS

- If they plow residential areas do they also remove the snow? ☐ YES ☒ NO

- Do they clean sidewalks (commercial areas)? ☐ YES ☒ NO PROPERTY OWNERS RESPONSIBLE FOR SNOW ON S/W, NEED TO KEEP SNOW ON THEIR PROPERTY

- Is it the homeowner's responsibility to clean the sidewalk in front of their property? ☒ YES ☐ NO

If yes, is there a fine for not cleaning the sidewalk? ☒ YES ☐ NO

- How many employees do they have working snow control?

11 - 20 TREATMENT - 90 PUBLIC WORKS (Normally just 7 employees)

- What is their annual snow control budget?

\$7,000.00 - JUST MATERIAL

- How do they inform the public regarding areas that they are working on?

No

- Do they use private contractors? What is the going hourly rate?

No

SNOW CONTROL

SNOW REMOVAL PLAN			Grandview		Prosser		Selah	Toppenish
Contact Person			Todd Dorsett		Marty Groom		Ty Jones	Rocky Wallace
How many consecutive hours do they allow an employee to log per shift?	18 - 20 hours		12 hours max.		12 hours, then rotate - No one was called out after 10:30 PM.		12 max. - 6 off back work.	12 max.
At what depth of snow accumulation do they start plowing downtown and what do they do with the snow?	3"		At least 2", push into piles and parking stalls, block corners.		3", selected corners for stockpiling snow. Piles were removed in the core downtown area. Most piles left for mother nature.		3" - plow to sides and pick-up later, if needed. (Main arterials & downtown sidewalks, they fall back and pick-up later.)	1" to 2" in morning, minimal plowing. If 5" accumulation by 9:00 a.m. Made piles in parking strips.
When they plow, do they plow all streets to the middle or to the sides?	First to the sides and as it continues to accumulate we then re-plow to the center.		All to the sides.		Sides - Wine Country Road was plowed to the center, then removed.		Plow to side.	Down to the center and hauled off by City trucks. / Everything else to the curb.
Do they open side roads, driveways and for intersections after plowing?	Yes		No, intersections only		Yes - No residential driveway plowed.		Yes - Driveways/special needs, senior citizens.	No driveways / If needed, intersections and sidewalks.
Do they plow the entire city?	Yes		Yes, when they have time.		Yes		Yes	No
At what depth of snow do they plow residential areas, do they bury cars and driveways?	8" and above; currently we plow to the center in order to not bury cars and/or driveways.		3" or more - yes, we plow cars and driveways in. It's up to the homeowner to shovel out cars and driveways.		3" - Some cars are buried, but had not been moved in months. Plows are adjusted at driveways to not leave a berm.		3" hill areas first - Yes, we bury cars and driveways.	6" and yes, we bury cars and driveways.
If they plow residential areas do they also remove the snow?	Yes		No		No		No	No
Do they clean sidewalks (commercial areas)?	Yes		Yes		Yes - City facilities, pathway, Bennett (portion) and east side of WCR.		Yes - Downtown and main arterials.	No - property owners are responsible for removing all snow from their sidewalk.
Is it the homeowner's responsibility to clean the sidewalk in front of their property? If yes, is there a fine for not cleaning the sidewalk?	Yes, but the City does clean all sidewalks as time permits		Yes - No fine for not cleaning sidewalk.		Yes - No fine for not cleaning sidewalk.		Yes - No fine for not cleaning sidewalk.	Yes - Yes
How many employees do they have working snow control?	8 employees		4 employees		4 street, 1 wastewater, 2 parks, and 1 water employees.		10 - 12 guys	11 - 2 Treatment and 9 Public Works employees (normally just 7 employees).
What is their annual snow control budget?	Approximately \$80,000 per year.		\$15,000 - just material (fuel, sand, gravel) - No labor, trucks, etc.		\$6,000 for sand/deicer \$21,000 for wages 2019		\$50,000 - materials (some labor over \$5,000)	\$7,000 just materials
How do they inform the public regarding areas that they are working on?	Facebook		We don't		Map on website for plow routes Class I through IV.		Don't	Don't
Do they use private contractors? What is the going hourly rate?	Yes, \$140 per driver and \$100 for loader and driver.		No		No private contractors.		No	No
Complaints	You're not moving fast enough. You buried our driveway. You haven't cleared our sidewalk. You guys are a joke and don't know what you're doing.		When is my street getting plowed? Do you or will you clean my sidewalk? Garbage trucks did not pick-up because of snow				Can't the City remove the snow they put in my driveway, sidewalk or in front of my mail box? Why not plow all the snow to the center of the street? Where do I put the snow which I removed from my property, parking lot or sidewalk?	

Attachment #2

EXPENDITURE AVERAGES INFORMATION

Snow Removal	2013	2014	2015	2016	2017	2018	2019
Regular Salaries & Wages	1,909.03	6,117.06	4,727.40	6,931.91	16,206.14	3,765.95	8,592.52
Overtime	692.98	2,546.53	917.61	1,869.44	11,925.84	918.51	14,309.01
Social Security	194.77	657.97	428.32	666.84	2,138.50	357.73	1,743.36
Retirement	203.24	797.91	621.94	984.02	3,195.88	597.63	2,938.29
Workman's Compensation	91.55	278.79	158.38	282.05	986.19	149.46	746.41
Medical/Life Insurance	1,313.73	2,233.24	2,439.95	2,618.29	9,393.26	2,925.13	6,568.90
Office & Operating Supplies	5,102.06	4,012.33	4,070.59	8,149.55	11,918.83	6,449.93	6,539.63
Professional Services	0.00	0.00	0.00	0.00	47,423.80	0.00	0.00
Operating Rentals & Leases	0.00	0.00	0.00	0.00	3,000.00	0.00	178.07
Repairs & Maintenance	3,778.55	2,188.11	2,924.32	5,658.31	5,517.59	1,155.93	123,174.92
Total Expended	13,285.91	18,831.94	16,288.51	27,160.41	111,706.03	16,320.27	164,791.11
Original Budget	18,510.00	18,510.00	20,590.00	20,550.00	27,850.00	83,400.00	85,510.00
Amended Budget	18,510.00	18,826.00	20,590.00	40,550.00	107,850.00	83,400.00	???
Average cost 2013-2018	33,932.18						

Attachment #3

SNOW REMOVAL PLANS

SNOW REMOVAL FAQ'S

Q: Can't the City remove the snow they put in my driveway and sidewalk?

A: The City's primary goal and duty is to provide safe and open access to the main roadway system. To be fiscally responsible, and in the interest of public safety, it would not be feasible for the City to provide this service.

Q: Why not plow to the center?

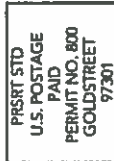
A: Plowing and piling snow into the center of a street creates a safety hazard. The freeze-thaw cycle creates a bigger challenge when the melting snow freezes on the road surface during the evening. Traffic flow is restricted by eliminating a portion of a driving lane, and it creates sight obstructions for low ground clearance vehicles.

Q: Can I park my car on the street?

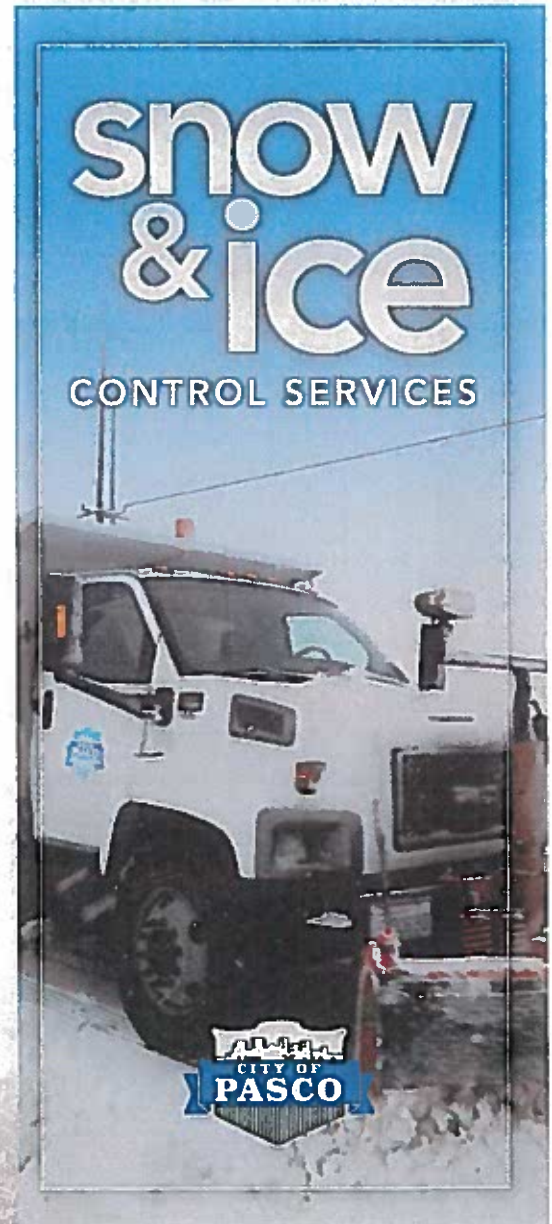
A: Yes, on designated streets where parking is normally allowed. However, if parked on the street, your car could inadvertently be surrounded with a snow bank following plowing operations. Maneuvering a snowplow in and out between parked vehicles can be very dangerous, and it is not an efficient way to plow snow. If you have the opportunity to avoid parking in the street, it is greatly appreciated and encouraged.

Q: Why are residential streets seldom plowed?

A: With over 600 lane miles of roadway to maintain, it is difficult to plow all of the streets with the City's limited staff and equipment. Most of the First Priority routes contain four lanes plus turning lanes; these routes can keep equipment busy 24 hours a day, even after the snow quits falling. The City's goal is to maintain a safe travel route for you and your family. The City will make every effort to get to the lower priority streets when weather and conditions allow.



City of Pasco
P.O. Box 293
Pasco, WA 99301
www.pasco-wa.gov



SNOW & ICE CONTROL SERVICES

Weather can be very unpredictable, especially in our area. We have winters with little or no snow accumulation, and storms that deposit heavy snow accumulation that may freeze for weeks.

The City of Pasco serves a population of nearly 70,000 people and over 600 lane-miles of streets; the City strives to provide safe and responsible snow and ice control services each winter.

During the winter storm season your City equipment operators work up to 12+ hours a shift to protect your family. Please remember to be courteous to your equipment operators; they are working to keep you and your family safe.



Public Works Department
1025 S. Gray Ave., P.O. Box 293
Pasco, WA 99301

For more information, contact: (509) 545-3463
Email: publicworks@pasco-wa.gov
www.pasco-wa.gov

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ABOUT OUR STAFF

During hazardous winter conditions, City crews (with over 100 years of combined experience) are dedicated to keeping you and your family safe. Staff draws upon a wide range of resources including the National Highway Traffic Safety Administration, weather information from the National Oceanic & Atmospheric Administration, area weather stations and the Police and Fire Departments. The City's modest fleet of snow removal equipment is carefully prepared prior to the ice and snow season. The City fleet includes four dump trucks equipped with snow plows & sanders, three road graders, and three liquid anti-icing trucks; all working hard to provide you and your family access to major streets and thoroughfares.

City staff has systematically evaluated the streets and travel routes throughout the City to determine the best methods possible of providing safe travel for you and your family. The goal is to provide a safe driving experience during hazardous winter weather and to create a path for you to meet your daily driving needs; but it may take you a few extra blocks from your normal route of travel.



Priority Levels

SNOW REMOVAL RESPONSE

The City has established procedures and policies for addressing the anti-icing, snow plowing, and sanding of the streets and roads. These procedures and policies are established upon a priority basis, each containing predetermined routes.

PLOWING PRIORITIES:

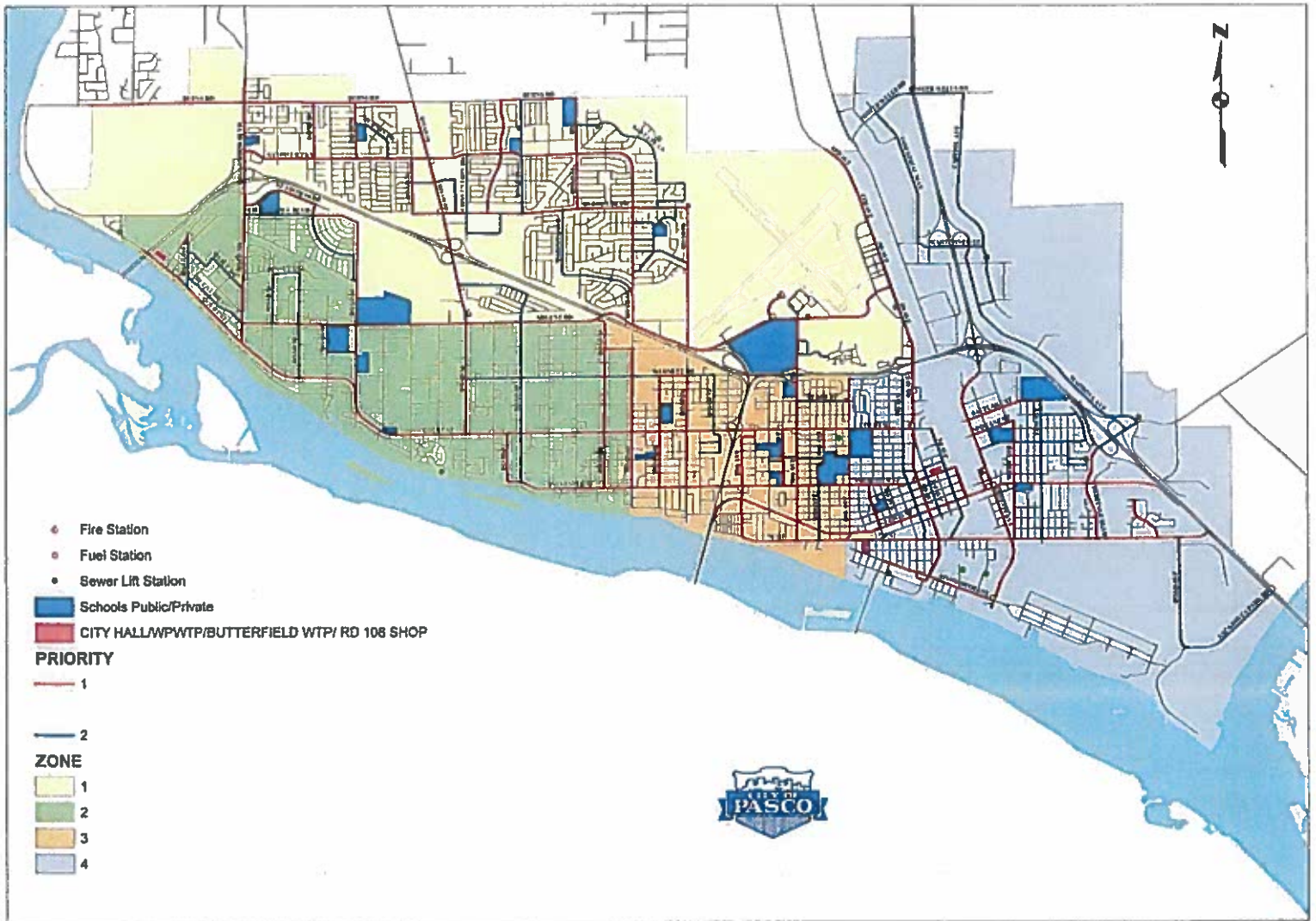
- 1 All major arterial streets and intersections, consisting of the main roadways connecting hospitals, fire stations, police stations, and emergency medical services.
- 2 Streets serving public schools, minor arterial streets and intersections.
- 3 "Collector" streets and those additional streets serving public transportation, as well as problem areas identified by the Police Department (such as steep hills).

ANTI-ICING:

If a storm/weather event is predicted, a liquid product is applied before the storm arrives to major intersections in the city to minimize ice build-up on the street.

SIDEWALKS & DRIVEWAYS

Residents are responsible to maintain sidewalks and driveways adjacent to their property. Please pile snow on your yard, not in the street. If your sidewalk is icy, you may correct the hazard by applying a heavy coat of sand. When a sidewalk is not clear, the results can be very hazardous for pedestrians and school children. Pitch in and do your part to help keep your sidewalks and driveways hazard free!



SNOW REMOVAL PLAN



1. INTRODUCTION

The City of Grandview Public Works Department is responsible for control of ice and snow on City streets. Reasonable ice and snow control is necessary for routine travel and emergency services. The City will provide such control in a safe and cost effective manner, keeping in mind safety, budget, personnel and environmental concerns. The City will use City employees, equipment and/or private contractors to provide the service.

2. WHEN WILL THE CITY START SNOW AND/OR ICE CONTROL OPERATIONS?

- 1) The Public Works Director or his designee will decide when to begin ice and/or snow control operations using the following criteria based on public safety:

ICE CONTROL AND SANDING

- A. Police Department Advice.
- B. Icy conditions which seriously affect travel.
- C. Freezing rain or snow, etc.
- D. Ice control operations (sanding) will commence when and where icy conditions occur, which affect vehicle and/or pedestrian traffic or when there is freezing rain or snow. Priority shall be given according to section 9.

SANDING MATERIALS FOR ICE CONTROL

- A. Sand
- B. Chip-rock
- C. Salt
- D. Calcium chloride

SNOW AND ICE CONTROL FOR SIDEWALKS

- A. Monitor the weather conditions daily to determine when to pre-treat the sidewalks in the downtown core with Snow and Ice Melt.
- B. Once the snow fall has stopped we will remove the snow from the sidewalks.

SNOW PLOWING AND REMOVAL

- A. Police Department Advice.
- B. Snow fall and accumulation.
- C. Drifting of snow that causes problems for travel.
- D. Time of snowfall in relationship to heavy use of streets.

- 2) Snow and ice control operations are expensive and involve the use of limited personnel and equipment. Consequently, snow plowing operations will not generally be conducted for snowfall of less than three inches. When snow accumulation reaches approximately three inches or more snow removal operations will begin on arterial streets based on the public safety criteria and based upon snow fall accumulation, drifting of snow that causes problems for travel, time of snowfall in relationship to heavy use of streets, and the weather forecast. Each year in the month of October, the snow and ice control operations plan is discussed with the Public Works staff. A safety film is presented, by the Department of Transportation's mobile library, to our crew to insure a safe snow and ice control season.

Residential areas, with the exception of those through which access to schools or public facilities is required, will not be plowed until there has been an accumulation of over 8" or it has been deemed a public safety issue by the Public Works Director based on snow accumulation, ice build-up, temperature, weather forecast and the amount of vehicle/pedestrian traffic.

3. EQUIPMENT USED FOR ICE CONTROL AND SANDING

A. 580 Case Super K Backhoe	#359
B. 580 Case Backhoe	#380
C. 2008 Sterling Dump Truck – Sander	#302
D. 2008 Ford F450 Flatbed – Deicer & Sander	#314
E. 2012 Ford F450 - Flatbed Deicer	#317

4. EQUIPMENT USED FOR SNOW REMOVAL

A. 580 Case Backhoe	#380
B. 2000 International Dump Truck	#383
C. Ford 1-Tons	#335 & 358
D. Front End Loader	#364

5. EQUIPMENT USED FOR SNOW PLOWING

A. John Deere Road Grader	#323
B. 580 Case Super K Backhoe	#359
C. 2008 Ford F450 Flatbed	#314
D. 2012 Ford F450 Flatbed	#317

6. EQUIPMENT USED ON SIDEWALKS FOR ICE AND SNOW REMOVAL

- A. Mule – Equipped with Deicer.

7. HOW SNOW WILL BE PLOWED

Snow will be plowed in a manner that will minimize any traffic obstructions. On arterial streets snow is plowed from curb to curb and wind-rowed to the center of the street, where possible; all intersections are opened to allow traffic to proceed through.

Residential streets having curb and gutter will have snow wind-rowed to the center.

Snow will be plowed to the sides in areas where there is no curb/gutter and where residential driveways will not be blocked. Parked vehicles that inhibit snow clearing operations will be removed, if not voluntarily moved by the owners.

8. SNOW REMOVAL

The Public Works Director will determine when snow will be removed by truck; the decision to commence snow removal operations is based on public safety, current conditions and weather forecast. Snow removal will occur in areas where there is not enough room on the street for snow storage and in areas where accumulated piles of snow create a hazardous condition. Any large piles located at intersections or large driveways will be removed prior to removing snow that has been wind-rowed to the center of the streets. Snow removal operations will commence when snow plowing operations have been completed. Snow will be stored in designated areas.

9. STREET SANDING PRIORITY ORDER

The City will use sand, chip rock, salt and/or chemicals when there are hazardous and slippery ice conditions. All major intersections and access streets to schools and churches are sanded; streets in front of schools are sanded entirely. Wine Country Road is sanded from West City limits to East City limits.

- A. Division Street from Main to Fifth.
- B. Second Street from Cedar to Avenue E.
- C. Wine Country Road from City limits to City limits.
- D. Euclid Road from Wine Country Road south to City limits.
- E. West Fifth Street from Division to Appleway.
- F. Higgins Way from Wine Country Road to Bethany.
- G. Stover from Wine Country Road east to Woodall.
- H. Woodall from E. Stover to north City limits.

10. SNOW STORAGE AREAS

Snow will be hauled and stored at the following locations:

- A. New Cemetery (South of City Shop)
- B. Eastside Park
- C. Westside Park parking lot
- D. Dykstra Park parking lot (both)
- E. Port District
- F. Empty lot north of City Hall

11. PRIORITIES AND SCHEDULE FOR WHICH STREETS WILL BE PLOWED AND SNOW REMOVED

The City has classified City streets based on the street function, traffic volume and importance to the welfare of the community. Those streets classified as "snow plow - snow removal and sanding routes". Street priorities for snow plowing and snow removal are as follows:

- A. Division Street from Wine Country Rd to Fifth Street.
- B. Second Street from Cedar to Avenue E.
- C. Wine Country Road from City limits to City limits.
- D. Major and minor arterial, collectors, school and church access streets.
- E. All side streets in City limits.

12. WORK SCHEDULES

Work schedules and shift changes will be done in accordance with the union contract.

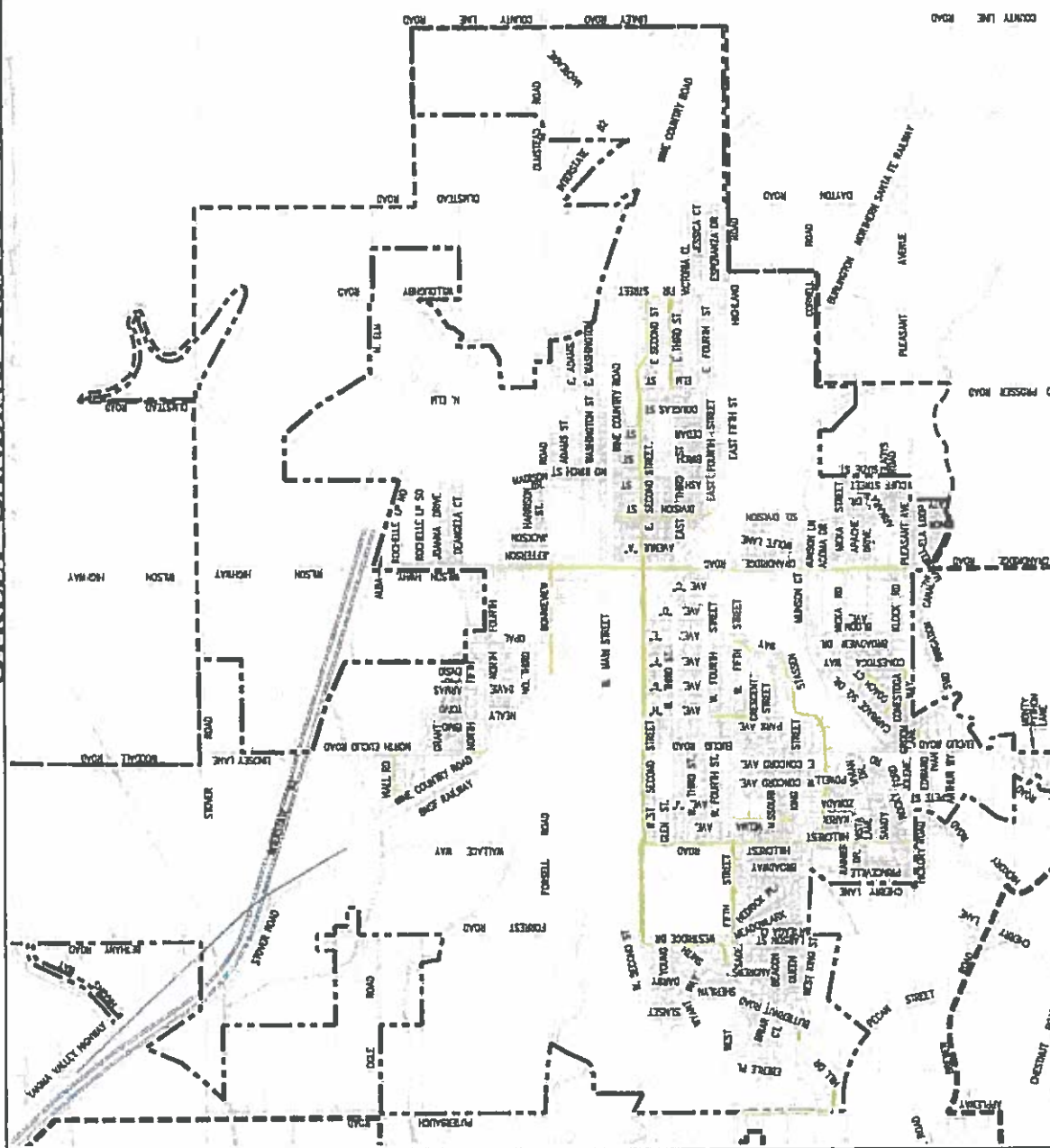
13. WEATHER CONDITIONS

Snow and ice control operations will not be conducted when weather conditions endanger public safety, City employees or the equipment.

14. MAPS

Map No. 1 - Priority streets to be sanded are highlighted in green.
Map No. 2 - Priority streets for snow removal are highlighted in yellow.

STREET SANDING ROUTE - SMALL SANDER



CITY OF GRANDVIEW

LEGEND

--- CITY LIMITS

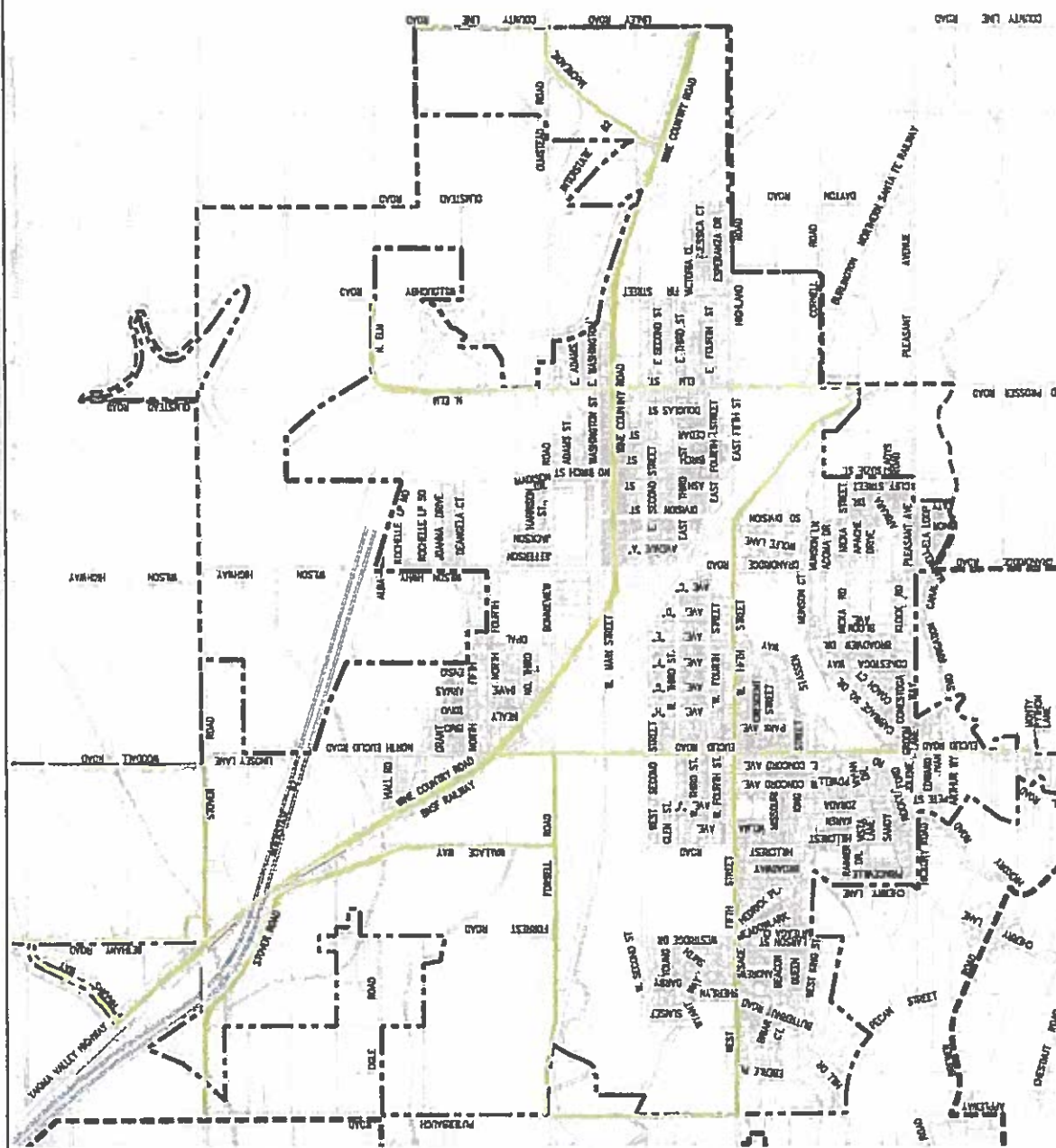
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CIVIL ENGINEERING • LAND SURVEYING • PLANNING
881 North 30th Avenue • Peoria, IL 61603
(312) 686-7000 • FAX (312) 686-7006

01-23-2008

STREET SANDING ROUTE - BIG SANDER ROUTE

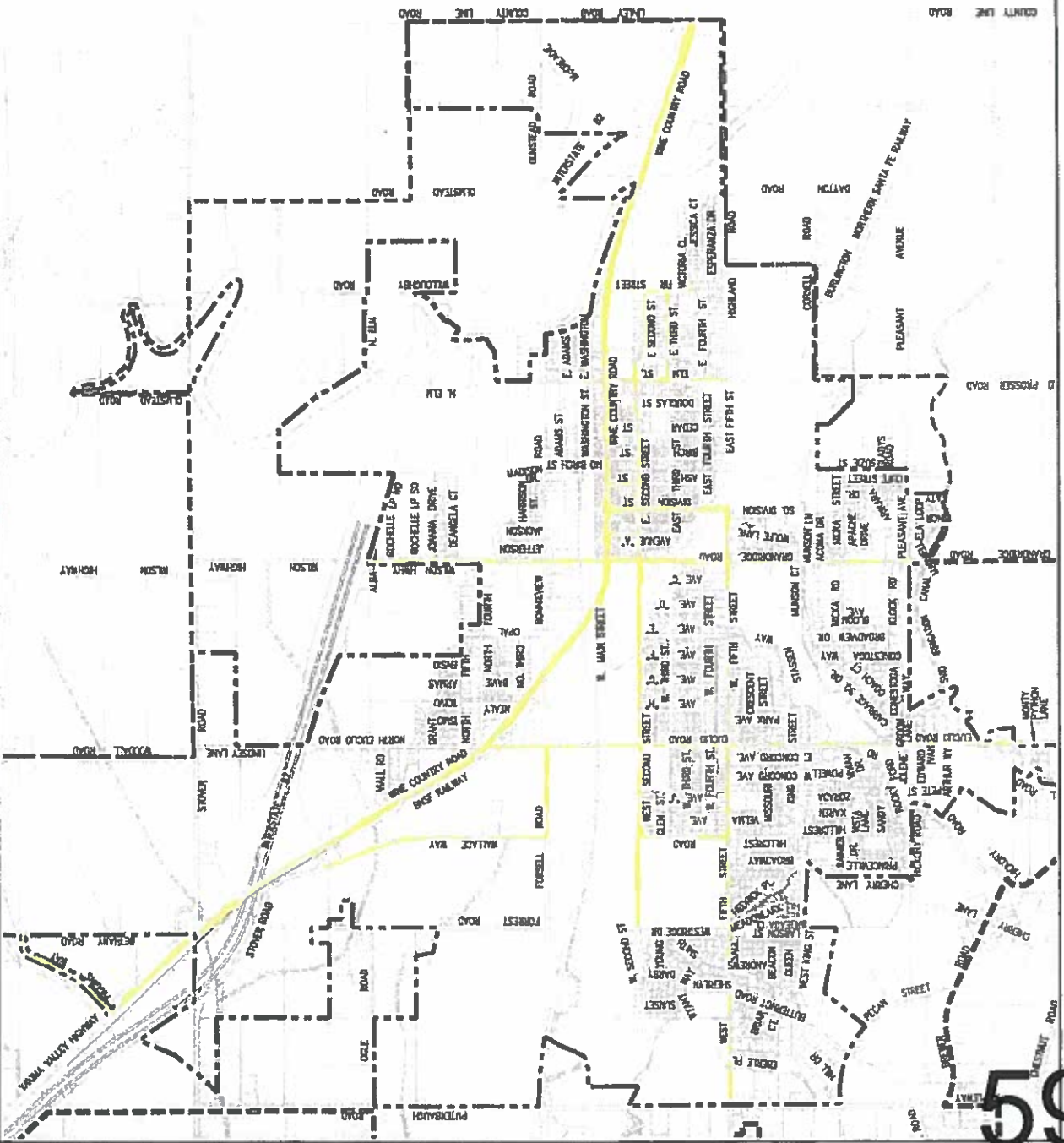


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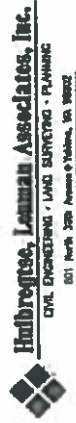
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STREETS FOR SNOW REMOVAL



CITY OF GRANDVIEW

- LEGEND**
- CITY LIMITS
 - - - - UGA



Hubert, Lerman Associates, Inc.
 CIVIL ENGINEERING • LAND SURVEYING • PLANNING
 801 North 20th Avenue • Yukon, IA 50092
 (515) 946-7000 • FAX (515) 946-7000

03-11-08

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TOPPENISH SNOW REMOVAL POLICY PRIORITY FOR SNOW REMOVAL

12/12/2016

A 5" accumulation of snow by 9:00 p.m. will trigger the snow removal activity in the Central Business Area and 6" accumulation of snow by 9:00 p.m. in the residential area will trigger snow plowing.

10:00 p.m. starting and finish by +/- 9:00 a.m. (less public vehicle activity) downtown, Fire Station, Hospital and Post Office will be graded and intersections cleared. Snow will be plowed to the center of the street. Snow will be removed as time permits. Please remove all vehicles from city streets during snow clearing activities if possible.

- Residential areas will be plowed to 1" \pm and intersections will be cleared.
- Snow will be plowed as close to the curb as possible.
- **Driveways will not be cleared.**
- Snow will NOT be piled on hydrants.
- Snow will not be piled on private property without permission of the owner.
- Residential plowing will hopefully be completed by 9:00 a.m. to reduce resident re-clearing of their driveways.

*****9:00 a.m. dead line is only a projection. Actual time will fluctuate pending weather conditions. Residents/Business Owners should wait until the city crews have plowed their respective street in order to reduce re-shoveling of their driveways. Residents and business owners are reminded to keep the snow from private snow removal operations on their respective property.**

STREET SNOW REMOVAL PRIORITY LIST:

- Snow on the "GRADED" streets will be plowed to the center and snow will be hauled as time permits.

GRADER	WEST SECOND AVENUE	South Elm to South Division
GRADER	WEST FOURTH AVENUE	South Elm to South Division
GRADER	WEST FIRST AVENUE	South Elm to South Division
GRADER	SOUTH TOPPENISH	Third Avenue to RR Tracks
GRADER	SOUTH ALDER STREET	West First to Washington Avenue

- Snow on the "PLOWED" streets will be plowed to the curb.

PLOW	EAST SECOND AVENUE	S. Division to S "L" Street
PLOW	EAST TOPPENISH	R R Tracks/Asotin to South "L" Street
PLOW	SOUTH DIVISION	West First to SR 22
PLOW	WASHINGTON	South Elm to S Toppenish Ave
PLOW	WASHINGTON AVENUE	South Elm to North City Limits
PLOW	ASOTIN AVENUE	Buena Way to East Topp. Ave to E 1 st Ave
PLOW	LINCOLN AVENUE	Asotin to North "L" Street
PLOW	SOUTH JUNIPER ST.	Washington to Jackson Avenue
PLOW	JACKSON STREET	Juniper to Smartlowit School

The City of Toppenish maintains 28 miles of streets and 8 miles of alleys.

Our snow removal equipment is readied by November 1 of each year. One chemical de-icer truck, two dump trucks with a sander and plow, one grader, two backhoes and one loader, combined with our trained public works personnel will keep the major streets passable. Plows will remove snow from the travel lane when snow depth and estimated accumulations indicate the need to plow.

The City's snow control policy establishes the degree of snow control to be used on the streets with the following priority:

1. **First Priority:** All major arterial streets considered to be the minimum network which must be kept open to provide transportation system connection hospital, fire station, police station and emergency medical services.
2. **Second Priority:** Minor arterial streets and those streets servicing public schools.
3. **Third Priority:** Collector streets and those additional streets serving as truck routes, public transportation and utility services and selected hot spots such as curves and higher traffic volume intersections.
4. **Fourth Priority:** All remaining streets, such as residential and local streets.

Sidewalks, Driveways or Parking lots:

It is the landowner's or resident's responsibility

- **to remove the snow/ice on their respective properties,**
- **to keep the snow which is removed from their property, piled on their own property, not on the city streets.**

FAQ's

Can't the City remove the snow they put in my driveway, sidewalk or in front of my mail box? When you consider the large number of driveways, amount of sidewalks and total number of mailboxes in the City, it is very costly and time consuming to use additional manpower and equipment to perform. Our primary duty and responsibility is to open and keep open the main roadway system for transportation.

Why not plow all the snow to the center of the street?

Piling snow to the center of a street can create a hazardous situation. Piling snow to the center can create restricted vision at intersections, continuous melting of the piled snow will create a wet/freezing hazard and/or motorists may high-center their vehicle trying to cross the pile as well as pedestrians danger of slipping or falling.

Where do I put the snow which I removed from my property, parking lot or sidewalk?

Put the removed snow on your own property in a location where it will not impede pedestrian travel, vision, traffic ingress/egress or melt and cause water damage.



Public Works FAQ

What is the city's snow removal policy?

In the event of a major snowstorm, the police department will contact Public Works when 2" of snow has fallen on the streets. They will also contact Public Works if there are areas that are particularly dangerous and may need salting in the event of icy roads. Otherwise, our crew will be checking and salting the streets on a regular basis.

When the crew is called out during a snowstorm, they will plow all the streets to the curbs, starting with all arterials, and then school bus routes. After clearing the major streets, they will then attempt to clear as much of the residential streets as possible. Sometimes the snow falls faster than they can clear, and this may mean the crew will have to go back to the arterial streets to get them clear, before they've finished with the residential streets. Arterial streets have priority over residential streets as they must be kept clear in order for emergency vehicles and other traffic to get through safely.

We ask the citizens of Othello to help us make snow plowing as safe and efficient as possible by keeping your vehicles parked off the streets and in your driveway if possible. The same holds true for garbage cans, basketball hoops, trailers and other debris. Please do not blow or push snow or yard debris onto the streets as it blocks the street drains. Keeping your yard waste picked up and out of the streets will be helpful in allowing the gutters to drain properly when the snow is melting, or during rain storms. We appreciate your help with minimizing flooding issues. Thank you from Public Works and have a great and safe winter.

City of Othello, Washington
500 E Main Street
Othello, WA 99344
509-488-5686

Connect with Us  ([//Contact-Us/](#)) 
 (<https://www.facebook.com/CityofOthello/>)



Snow Removal Procedures for Winter

The City of Prosser is always concerned with the safety and welfare of our citizens. In order to keep our roads clear and safe we have Police Patrol and Public Works Crews on the streets continually monitoring the potential adverse weather conditions. Our procedures for the following conditions are listed below:

ICE: Spray has to be applied prior to the weather condition (freezing rain) occurring. Gravel will be applied if deemed necessary in several intersections.

SNOW: Wait until there is approximately 1" – 2" of accumulation, to start plowing the streets.

When plowing or sanding the streets, the Public Works Crew generally follows this route:

1. Class I: Emergency Service Areas: Hospital Routes/Area, Fire and Police Departments
2. Class II: School Routes/Area
3. Class III: Hills and slopes
4. Class IV: Secondary Residential Streets
5. Areas not normally covered (if time and resources allow)

For a map of what streets fall under these categories, follow the link below:

[Snow Procedure Map](#)

City of Sunnyside
PUBLIC WORKS DEPARTMENT



CITY WIDE
SNOW & ICE
REMOVAL PLAN



SNOW & ICE CONTROL

The Winter Challenge

Living in Sunnyside, Washington, we all know the weather can be very unpredictable. We have experienced winters (normally months of November, December, January and February) with little to no snow accumulation, to winters with several feet of measurable snow accumulation. Along with frosty winter temperatures, snow and ice can be challenging for residents and the City crews to control. With a population of over 16,000 and over 110 lane miles of streets, the City continues to strive to provide an acceptable level of snow and ice control.

SNOW REMOVAL

Snow Removal from the Streets

- The City of Sunnyside is devoted to keeping our streets as safe as possible, within a constrained budget. Prior to a major snow or freezing rain event, the City will attempt to spread sand and salt, as well as deicing material on all major arterial streets. Other priority locations include streets near our public safety facilities, schools, hospitals and hills.
- When snow accumulations reach at least two inches, the City of Sunnyside will begin to plow the major arterial streets, and the streets near schools, hospitals, public safety facilities (fire & police stations), intersections, and hills.
- The City's Snow Removal Map indicates which streets are Priority 1 in Red, and Priority 2 are indicated in Yellow. Residential and non-arterial streets are not plowed until all Priority 1 & 2 streets are completed.
- Under normal conditions the city will plow snow to the right (toward the curb). Although, when snow accumulations are significant and the forecast calls for additional snow, City crews may plow the snow to the center of the roadway (wind rowing), if possible.
- Depending on the severity of the storm, it may take several hours to several days or weeks for roadways to return to normal. In the aftermath of the storm, be patient, self-sufficient and travel only if it is absolutely necessary.
- During a major snow event, the City of Sunnyside may also utilize contract labor to assist in responding to snow and ice control.

Homeowner/Business are Responsible for Cleaning their Own Sidewalks

- Removal of snow from sidewalks along your home and business is a responsibility of all citizens. The best time to shovel snow is immediately after it falls and before ice can begin to form. Make sure you shovel snow into your yard and **NOT** the street.
- After you clear the sidewalk of snow, you may choose to apply an ice-melting substance. The City recommends use of Calcium Chloride, (sometimes called "hot melt") rather than Sodium Chloride (Rock Salt) because it is less damaging to sidewalks and plants. Also, it works at a much lower temperature, so it is more effective in freezing conditions.
- If your home or business is at a corner, please remove the snow from the sidewalk ramps so children and other pedestrians can cross the street.
- Dig out fire hydrants for your safety and the safety of your neighbors.
- If your neighbors are elderly, disabled or have other special conditions that makes snow removal hazardous, please be a good neighbor and help clean the snow and ice for them.
- If you can afford one, buy a snow blower and help your neighbors. Make sure you blow the snow into your yard and not the street.

Please don't take it personally

- Equipment operators may work 12 hours or more in a shift and appreciate courteous and friendly drivers and pedestrians. Please help them help you.
- Pushing snow into a driveway opening or along a car parked on the street is often unavoidable as City crews work to keep streets passable.
- Do not throw snow from your sidewalk or driveway into the street - **it is your snow and it must stay on your property.**
- To avoid having snow covering your driveway from the City plows, shovel your snow to the right of your driveway into your yard and not into the street.
- If your neighbors are elderly, disabled or have other special conditions that makes snow removal hazardous, please be a good neighbor and help clean the snow and ice for them.

SNOW TIPS

Snow tips for residents

- Put Safety First and drive only if necessary. Dress warmly and be prepared for travel delays. Make sure you carry blankets, flashlights, water and other emergency provisions.
- Try to keep your vehicle off the street. If you must park on the street, park as close to the curb as possible.
- Do not follow a snowplow or sanding truck too closely. They may stop suddenly or spray sand, rocks or other material.
- Do not sled on streets or sidewalks.
- Before traveling, pay close attention to weather forecasts and, if possible, please stay off roads and sidewalks when snow, sleet or freezing rain is forecast.
- For storm information concerning school and business delays or closing, please tune in to local television or radio stations.

Take it slow

Protect yourself and your passengers. Allow extra time to reach your destination during inclement weather. Do not be the driver who has an accident.

- Drive for conditions - slower speeds, slower acceleration, slower steering and slower braking in winter conditions.
- Use your headlights.
- Do not use cruise control.
- Four and all-wheel drive vehicles will not stop or steer better in icy conditions.
- Leave extra room between your vehicle and the vehicle in front of you. And remember, larger vehicles and big trucks take longer to stop.
- Slow down when approaching intersections, hills, bridges or shady spots.
- Brush the snow off your vehicle, especially your lights, before you drive. It makes you more visible; plus snow and ice flying off a vehicle can be dangerous to other drivers. Every year several drivers get in vehicle crashes because they fail to properly clear their windows of ice.
- If you find yourself behind a snowplow, stay behind it until it is safe to pass. Remember that a snowplow driver has a limited field of vision. Stay back (15 car lengths) until you are sure it is safe to pass or until the plow pulls off the road.

Prepare your vehicle for winter

If you absolutely have to travel, making sure the car is prepared in advanced to avoid unnecessary delays. Make an annual checklist to review in October with the following items:

- Tune-Up
- Brakes
- Antifreeze
- Belts, hoses, filters and oil.
- Battery
- Any leaks
- Lights
- Windshield wipers
- Windshield washer fluid
- Fuel level
- Heater/defroster function
- Ice scraper
- Blankets
- Bag of sand or kitty litter
- Cell phone and charger
- Proper tires and inflation
- Chains (Talk to your local tire dealer about which chains are the best fit for your vehicle and practice installing them)

Snow Removal

Snow Removal From the Streets

- The City of Kennewick is devoted to keeping our streets as safe as possible, within a constrained budget. Prior to a major snow or freezing rain event, the City will attempt to spread salt and deicing material on all major arterial streets. Other priority locations include streets near schools, hospitals and hills.
- When snow accumulations reach four inches, the City of Kennewick will plow the major arterial streets, and the streets near schools, hospitals, traffic signals, roundabouts and hills.
- Depending on the severity of the storm, it may take several hours to several days or weeks for roadways to return to near normal. In the aftermath of the storm, be patient, self-sufficient and travel only if it's absolutely necessary.
- During a major snow event, the City of Kennewick may also utilize contract labor to assist in responding to snow and ice control.

Homeowner/Business Owners Are Responsible for Cleaning Their Sidewalks

- Removal of snow from sidewalks along your home and business is a responsibility of all citizens. The best time to shovel snow is immediately after it falls and before ice can begin to form. Make sure you shovel snow into your yard and not the street.
- After you clear the sidewalk of snow, you may choose to apply an ice-melting substance. The City recommends use of Calcium Chloride, (sometimes called "hot melt") rather than Sodium Chloride (Rock Salt) because it is less damaging to sidewalks and plants. Also, it works at a much lower temperature, so it is more effective in freezing conditions.
- If your home or business is at a corner, please remove the snow from the sidewalk ramps so children and other pedestrians can cross the street.
- Dig out fire hydrants for your safety and the safety of your neighbors.
- If your neighbors are elderly, disabled or have other special conditions that makes snow removal hazardous, please be a good neighbor and help clean the snow and ice for them.
- If you can afford one, buy a snow blower and help your neighbors. Make sure you blow the snow into your yard and not the street.

Please Don't Take it Personally

- Equipment operators may work 12 hours or more in a shift and appreciate courteous and friendly drivers and pedestrians. Please help them help you.

- Pushing snow into a driveway opening or along a car parked on the street is often unavoidable as City crews work to keep streets passable.
- Don't throw snow from your sidewalk or driveway into the street - it's against the law.
- To avoid having snow covering your driveway from the City plows, shovel your snow to the right of your driveway into your yard and not into the street.
- If your neighbors are elderly, disabled or have other special conditions that makes snow removal hazardous, please be a good neighbor and help clean the snow and ice for them.



Business Licensing

Before applying for a business license, it is very important that you verify that your business activity meets the zoning requirements for the location you have selected if operating business from any premises within the City limits of Kennewick.

[Read More...](#)



Recreation

City of Kennewick takes pride in the park and recreational facilities available for residents and visitors. There are 34 maintained public parks and facilities spread throughout the city with 855 total acres of which about 400 is green space.

[Recreation Website](#)



Kennewick Maps & GIS

Geographic Information Systems (GIS) is a spatial model of City facilities & infrastructure in the "real" world. This collection of maps and data can help you visualize information. Property owners can also find parcel information, zoning, utilities, etc.

[Go to Maps...](#)

Snow Removal Policies & Tips



(<https://www.yakimawa.gov/services/streets/files/2012/06/plow.jpg>)



City of Yakima, Washington Department of Public Works
Streets and Traffic Division

Winter can be a snowy experience in the City of Yakima, Washington. With frosty winter temperatures, snow and ice can be challenging for residents and the city street crews to control.

Snow Removal from the Streets

- The City of Yakima Public Works Department is devoted to keeping our streets as safe as possible, within a constrained budget. Prior to a major snow or freezing rain event, the City will attempt to spread de-icing material on all major arterial streets. Other priority locations include streets near schools, hospitals, stop signs and hills.
- When snow accumulations reach three inches, the City of Yakima will plow the major arterial streets, and the streets near schools, hospitals, hills and other critical locations. View the snow plow map (<https://www.yakimawa.gov/apps/snow-routes/>)

- During a major snow event, the City of Yakima utilizes contract labor to assist in responding to snow and ice control.
- Depending on the severity of the storm, it may take several hours to several days for life to return to normal. In the aftermath of the storm, be patient, self-sufficient, and travel only if it's absolutely necessary.
- If you have concerns with the plowing of your street, please call 576-6713.

Clean Your Sidewalk

- Snow removal from sidewalks in front of your home and business is a responsibility of the owner or resident of the adjacent property. The best time to shovel snow is immediately after it falls and before ice can begin to form.
- After you clear the sidewalk of snow, you may choose to apply an ice-melting substance. The City of Yakima recommends use of Calcium Chloride, (sometimes called "hot melt") rather than Sodium Chloride (Rock Salt) because it is less damaging to sidewalks and plants. Also, it works at a much lower temperature, so it is more effective in freezing conditions.
- If your home or business is at a corner, please remove the snow from the sidewalk ramps so children, and other pedestrians can cross the street.
- Dig out fire hydrants for your safety.
- If you can afford one, buy a snow blower, and help your neighbors. Make sure you blow the snow into your yard and not the street.

Please Don't Take It Personally

- Pushing snow into a driveway opening, or along a car parked on the street is often unavoidable as city crews work to keep streets passable.
- Don't throw snow from your sidewalk or driveway into the street – it's against the law.
- To avoid having snow covering your driveway from the city plows, shovel your snow to the left of your driveway into your yard and not into the street.

Special Assistance

- If you are elderly, disabled or have other special conditions that makes snow removal hazardous, please contact the Office of Neighborhood Development Services (ONDS) at 575-6101.

Other Snow Tips for Residents

- Put Safety First and drive only if necessary. Dress warmly and be prepared for travel delays. Make sure you carry blankets, flashlights, water and other emergency provisions.
- Try to keep your vehicle off the street. If you must park on the street, park as close to the curb as possible.
- Don't follow a de-icing spray truck, snowplow or sanding truck too closely. They may stop suddenly or spray sand, rocks or other material.
- Do not sled on streets or sidewalks.

Pages

- Streets and Traffic (<https://www.yakimawa.gov/services/streets/>)
 - Reporting Potholes and Other Pavement Emergencies (<https://www.yakimawa.gov/services/streets/reporting-potholes/>)
- Public Service Announcements (</media/news/>)
- Neighborhood Traffic Program (<https://www.yakimawa.gov/services/streets/neighborhood-traffic-program/>)
- New Streetlight Request (<https://www.yakimawa.gov/services/streets/new-streetlight-request/>)
- Residential ADA Parking (<https://www.yakimawa.gov/services/streets/residential-ada-parking/>)
- Traffic Counts (<https://www.yakimawa.gov/services/streets/traffic-counts/>)
- Traffic Concurrency (<https://www.yakimawa.gov/services/streets/traffic-concurrency/>)
- Snow Removal Policies & Tips (<https://www.yakimawa.gov/services/streets/snow-removal-policies-tips/>)
- Stop Signs in Neighborhoods (<https://www.yakimawa.gov/services/streets/stop-signs-neighborhoods/>)
- Street Lights, Signal and Sign Information (<https://www.yakimawa.gov/services/streets/street-lights-signal-sign-information/>)
 - A Guide for Pedestrians at Traffic Signals (<https://www.yakimawa.gov/services/streets/a-guide-pedestrians-traffic-signals/>)
 - LED Traffic Signals (<https://www.yakimawa.gov/services/streets/led-traffic-signals/>)
- School Speed Zones (<https://www.yakimawa.gov/services/streets/school-speed-zones/>)
- Speed Limits (<https://www.yakimawa.gov/services/streets/speed-limits/>)

Contact Information

Public Works Department

Email:

joseph.rosenlund@yakimawa.gov (mailto:joseph.rosenlund@yakimawa.gov)

Phone:

509.575.6005

Fax Number

509.575.6238

Address:

2301 Fruitvale Boulevard

Yakima, WA 98902

(<http://www.yakimawa.gov/artisticepisode.php>)

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**CITY OF WEST RICHLAND
PUBLIC WORKS DEPARTMENT**

**SNOW AND ICE CONTROL
Policy and Procedure**

November 2013

SNOW AND ICE CONTROL

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1.0 PURPOSE

- 1.1** The Public Works Department provides snow and ice control for the City of West Richland to our citizens with a reasonable level of mobility during adverse weather conditions. The City does not provide snow and ice control for sidewalks or other public walkways. Snow and ice control for these areas is the sole responsibility of the adjacent property owner.
- 1.2** The snow and ice control program is comprised of various pieces of equipment, manpower assignments, selection of appropriate materials, and a procedure for implementation. Each component of the plan will be addressed in the following sections.
- 1.3** Beginning the winter season of 2006-2007, Public Works implemented an anti-icing program to augment its traditional snow and ice control practices. Anti-icing is the practice of preventing the formation of bonded snow and ice by timely applications of a chemical freezing-point depressant. Anti-icing is well suited to routes with a higher level of service. The preventative nature of anti-icing can also support higher service level objectives such as maintaining bare pavement throughout a storm or returning to bare pavement as soon as possible following snow pack formation. As a positive consequence, anti-icing has the potential to increase traffic safety at a low cost. Public Works continues to evaluate immersing anti-icing alternatives with a primary focus of improving driving conditions to the maximum extent practical during storm events while attempting to use environmentally conscious products.

2.0 EQUIPMENT

- 2.1 Sanding – City Wide:** The City maintains three (3) truck mounted sand spreaders for use in snow and ice control.
- 2.2 Plowing:** When conditions warrant, plows are installed on the three larger trucks to remove snow from the traveled roadway. Average time to install a plow is approximately 15 minutes.
- 2.3 Anti-Icing:** The City has a 300-gallon truck mounted dispenser for anti-icing chemical application. The tank is mounted on a 1-ton truck and distributes anti-icing agent onto City streets and bridges utilizing drip nozzles.
(See Appendix C – Ice Control and Snow Removal Equipment)

3.0 PERSONNEL

- 3.1** The entire manpower resources of the Public Works Department are

available for snow and ice control.

3.2 Hours of operations are 7:00 am to 4:30 pm Monday through Thursday and 7:00 am to 3:30 pm on Friday. During freezing fog, frost, or snow conditions, the on-call person will operate a sander or anti-icing equipment as necessary.

3.3 During major storm events, manpower is reassigned to provide 24-hour coverage, seven days a week.

4.0 MATERIALS

4.1 Two major materials used in snow and ice control are coarse sand and anti-icing agents. Coarse sand is used as a traction aid while anti-icing agents are used to expedite the melting process of snow and ice from the street surface.

4.2 Coarse sand used is typically a ¼" minus sand. Public Works utilizes sand as it tends to stay in place when spread and provides better traction.

4.3 The City has maintained its efforts to use environmentally friendly anti-icing products. The City currently utilizes "Calcium Chloride with Boost" which is considered to have limited environmental impact and is to the most widely used product in the State.

5.0 PROCEDURES

5.1 Operating Procedure – ICE:

5.1.1 Anti-Icing: in order to successfully and efficiently prevent the formation of an ice-pavement bond, the Supervisor or designee must ensure the proper timing of the application of the anti-icing agents. A priority route for the application of the anti-icing agent has been adopted. This includes major hills, round-a-bouts and bridges within the City limits. The Supervisor or designee will make the determination of when and where to apply anti-icing agents.

5.1.2 Sanding: During the winter season icing normally occurs during the early morning hours. The on-call worker is available to handle icing conditions. This will consist of spreading sand on icy surfaces utilizing one of the available sanders. When icing occurs, the on-call worker will notify the on-call supervisor, who will inspect the situation and make the determination if additional employees are needed. Priority routes will be followed, with the first priority being major arterials (see map of Priority Routes). These routes are laid out in advance,

and will be followed unless an emergency situation arises. Emergency situations will be determined by the Police Department and the Supervisor in-charge. As time and/or conditions permit, other areas may be sanded.

5.2 Operating Procedure – SNOW

5.2.1 Anti-Icing: When snow conditions are expected, the Supervisor will make the decision as to the commencement of 24-hour operations as listed above. The Supervisor will make the decision on when and where anti-icing agents are to be applied.

Priorities for anti-icing operations are shown on the map

5.2.2 Sanding: When snow conditions exist after hours the Supervisor will be notified by the on-call worker prior to performing any snow and ice control. The Supervisor will make the decision as to when crews will be called to begin sanding, and determine if 24-hour operations are necessary. If 24-hour operations are necessary, the assigned crews will be divided into three 8-hour shifts, and will operate accordingly until the storm event has past. Any 24-hour operations will be considered an emergency and other appropriate policies will be followed.

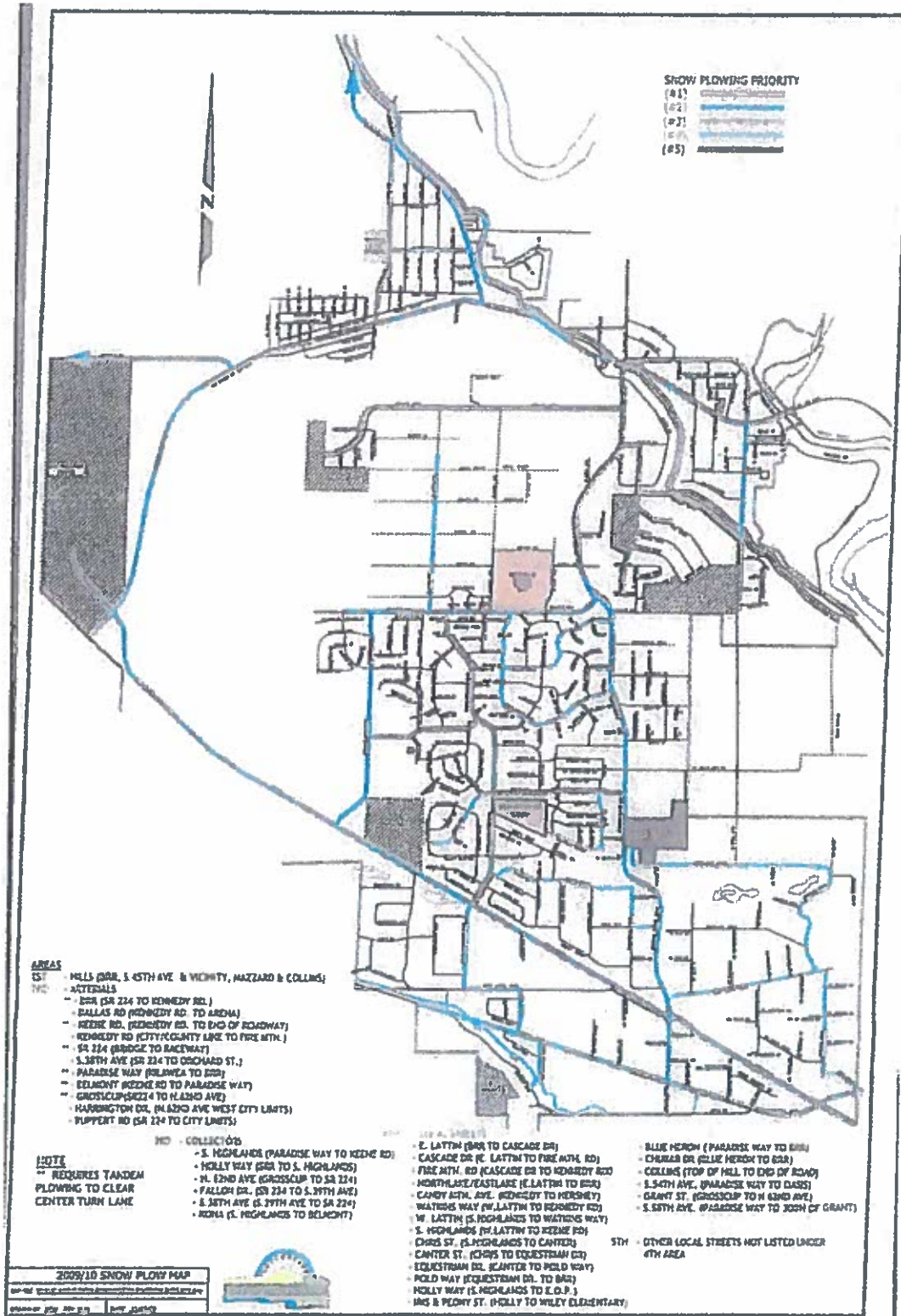
Priority routes will be followed, with the first priority being major arterials (see attached maps of Priority Routes). These routes will be followed unless an emergency situation arises. Emergency situations will be determined by the Police department and the Supervisor in-charge. As time and/or conditions permit other areas will be sanded.

5.2.3 Plowing: When snow has accumulated to a depth of approximately three inches, and snow is forecasted to continue, snow plowing will begin. The Supervisor may elect to commence plowing operations prior to three inches of accumulation if existing and forecasted conditions warrant it and in the event of drifting snow. Snow will be plowed to the edges of the roadways. Four-lane roads may be opened. Public Works crew WILL NOT clear sidewalks or driveways. Side street entrances will be cleared only after the priority routes are completely plowed. Initial priority routes following map. These routes are laid out in advance, and will be followed unless an emergency situation arises. Emergency situations will be determined by the Police department and the Supervisor in-charge. As time and/or conditions permit, other areas may be plowed.

CITY OF WEST RICHLAND PUBLIC WORKS SNOW AND ICE CONTROL

These routes are laid out in advance, and will be followed unless an emergency situation arises. Emergency situations will be determined by the Police department and the Supervisor In-charge. As time and/or conditions permit, other areas may be plowed.

Appendix A – Snow Plowing Priority Route Map



Appendix B – Snow Plowing Routes

- 1st Route: Bombing Range Road from Van Giesen (SR 224) to Paradise Way.
Collins Road
Bombing Range Road and Everett then 45th Dr
King Dr
Laurel Dr
Melinda Dr
Ironton Dr
Hampton south up 38th Ave and Mazzard
Candy Mountain
- 2nd Route Bombing Range Road from Paradise South to Round-a-Bout
Keene Rd
Paradise Way from Bombing Range Road to Belmont Blvd
Belmont Blvd
Open all Schools: Tapteal (62nd) Wiley (South Highlands) Enterprise
(Paradise Way)
38th ave from Van Giesen (SR224) to Hampton
Grosscup
Ruppert Rd
Kennedy Rd
- 3rd Route Holly Way
Kona Dr
Fallon Dr
- 4th Route: Blue Heron Blvd
Chukar Dr
Iris
Peony
Canter
Northlake
Eastlake
East Lattin
Cascade
Fire Mountain
West Lattin
Watkins Way
58th Ave

Appendix C – Ice Control and Snow Removal Equipment

Equipment Number	Make	Description	Attachments	Primary Use
16		5-Yard Dump Truck	Snow Plow and Sander Spreader	Sanding/Plowing Follow Map Emergency Requests
22	International Truck	5-Yard Dump Truck	Snow Plow and Sand Spreader	Sanding/Plowing Follow Map Emergency Requests
36	International Truck	10-Yard Dump Truck	Snow Plow and Sand Spreader	Sanding/Plowing Follow Map Emergency Requests
31	Ford Truck	¾ Ton Truck	Sand Spreader	Sanding Follow Map Emergency Requests
	Dodge Truck	1-Ton Truck	Sand Spreader	Sanding Follow Map Emergency Requests
	Chevy Truck	1-Ton Truck	Tank and Anti-Icing Applicator	Distribution of Anti-Icing Chemical
	310 John Deere	Backhoe	None	Loading Sand Truck
	410 John Deere	Backhoe	None	Loading Sand Truck