RHOME
"Crossroads to the Metroplex"

Physical Address: 501 South Main Street
Mailing Address: PO Box 228
Rhome, Texas 76078
Telephone: 817-636-2462
www.cityofrhomu JIm | cltysecretary@cityofrhome.com

NOTICE OF MEETING OF THE RHOME CITY COUNCIL

Meeting Date: Thursday, May 26, 2022
Executive Session: 6pm
Regular Session: 7pm
Meeting Location: Rhome Community Center, 261 North School Road, Rhome, TX 76078
LIVE Streaming: In an effort to be as accessible as possible, we will be Live Streaming the meeting using GoToMeeting.
Please call 1 (669) 224-3412/ Access Code 331-591-941

~~**Please call 1 (646) 749 3129/ Access Code 810 777 405**~~

The Rhome City Council may conduct this meeting by videoconference call in accordance with Section 551.127 of the Texas Open Meetings Act. A quorum of the City Council will be physically present at the address listed above and the public may attend the meeting at the same location.

Call to Order and Establish a Quorum - 6pm

Convene into Executive Session - 6pm

Pursuant to the following designated section of the Texas Government Code, Annotated, Chapter 551 (Texas Open Meetings Act), the Council may convene into executive session to discuss the following:

A. Section 551.071 Consultation with Attorney - pending or contemplated litigation, settlement offer or to seek advice from attorney

B. Section 551.072 Deliberation regarding Real Property• purchase, exchange, lease, or value of real property if deliberation in an open meeting would have detrimental effect on position of the governmental body in negotiations with a third person

C. Section 551.074 Personnel - discuss appointment, employment, evaluation, reassignment, duties, discipline or dismissal of a public officer or employee, or hear complaint or charge against officer or employee in executive session unless officer or employee requests a public hearing

D. Section 551.087 - Deliberations regarding Economic Development Negotiations - to discuss or deliberate regarding commercial or financial information that the City has received from a business prospect that the City seeks to locate, stay or expand in or near the City and with which the City is conducting economic development negotiations

Reconvene into Regular Session - 7pm

E. Discussion and any necessary action as a result of Executive Session

Invocation

Pledge of Allegiance to the American Flag

Pledge of Allegiance to the Texas Flag

Honor the Texas Flag; I pledge allegiance to thee, Texas, One state under God, One and indivisible

Public Comments

1. *The Council is not permitted to take action on or discuss any comments made to the Council at this time concerning an item not listed on the agenda. However, a Council Member or Mayor may make a statement of fact regarding the item, make a statement concerning the policy regarding the item and/or may propose that the item be placed on a future agenda or direct the City Administrator to contact the individual to address. If you are attending the meeting via* ***Live Streaming****, and you would like to make a Public Comment, you must email the City Secretary at citysecretary@cityofrhome.com prior to* ***4 pm on the day of meeting*** *and must identify each subject you plan to present to be recognized.*
2. *If the writer of a Public Comment wants someone to read the letter, it will only be read by the City Secretary and must be emailed prior (email above) to 4 pm on the day of the meeting.*
3. *Public Comments made in person require the speaker to submit the sign-up form to the City Secretary prior to the meeting, and the form must identify each subject the speaker plans to present.*
4. *A statement of no more than 3 minutes may be made. There will be no yielding of time to another person. Comments should be directed to the entire Council, not individual members. Engaging in verbal attacks, or comments intended to insult, abuse, malign, or slander any individuals shall be cause for termination of time privileges and removal from Council Chambers.*

Announcements from Mayor and Council Members

- May 30, 2022 – City offices closed for Memorial Day
- June 11, 2022 – 11am – 3pm – Splash Days at Fire Department
- Council Meeting June 9, 2022

Regular Agenda – New Business

F. Discussion and any necessary action regarding Dawson Geophysical Company's request for permission for 3-D Geographical seismic survey **(City Administrator)**
G. Discussion and any necessary action regarding Certificate of Appreciation for outgoing Public Works Director **(Mayor Pro-Tem McCabe)**
H. Discussion and any necessary action regarding adjusting water bill as a result of vandalism **(City Administrator)**
I. Discussion and any necessary action regarding budget amendments **(City Administrator)**
J. Discussion and any necessary action approving the purchase of four police vehicles for FY 2022-2023 **(Police Chief)**
K. Discussion and any necessary action regarding establishing city email addresses for Mayor/Council Members **(Mayor)**

Future Agenda Items

(Agenda items are due by 5 pm on the Wednesday of the week prior to the council meeting)

Adjourn

A quorum of Planning & Zoning Commissioners may be present at this meeting and its members may participate in the discussions of the items on the agenda over which they have responsibilities or authority.

A quorum of Parks & Recreation Board Members may be present at this meeting and its members may participate in the discussions of the items on the agenda over which they have responsibilities or authority.

**Pursuant to the Open Meetings Act, Chapter 551, Section 551.071 of the Texas Government Code, the Council may convene into executive session at any time during the meeting if a need rises for the City Council to seek advice from the City Attorney concerning any item on this agenda, to discuss pending and contemplated litigation, or a settlement offer, or to discuss a matter in which the duty of the attorney to the City Council under the Texas Disciplinary Rules of Professional Conduct of the State Board of Texas clearly conflicts with Chapter 551.*

The Council may vote and / or act upon each of the items listed in this Agenda. Except for Public Presentation and Input and items in the agenda designated as public hearing or otherwise designated for public input, there will be no public input during the course of this meeting without express authorization from the presiding officer.

This facility is wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpretive services must be made 48 hours prior to the meeting. Please contact City Hall at 817-636-2462 for further information.

CERTIFICATION: I do hereby certify that the above City Council Agenda was posted on the designated bulletin board located at City Hall, 501 South Main Street, Rhome, Texas by 6pm on May 23, 2022.

Shaina Odom

Shaina Odom, City Secretary

I certify that the attached notice and agenda of items to be considered by the Rhome City Council was removed by me from the designated bulletin board located at City Hall, 501 South Main Street, Rhome, Texas, on the _____ day of _____, 2022.

_____, Title: _____

Physical Address: 501 South Main Street
Mailing Address: PO Box 228
Rhome, Texas 76078
Telephone: 817-636-2462 | Metro: 817-638-2758
www.cityofrhome.com cityadministrator@cityofrhome.com

AGENDA ITEM F

Agenda Commentary

Meeting Date: May 26, 2022

Department: Administration **Contact:** Cynthia Northrop

Agenda Item: F. Discussion and any necessary action regarding Dawson Geophysical Company's request to conduct a 3D geophysical survey

Type of Item:	___ **Ordinance**	___ **Resolution**	x **Contract/Agreement**	___ **Public Hearing**
	___ **Plat**	___ **Discussion & Direction**		___ **Other**

Summary-Background:

Dawson Geophysical Company is requesting permission to conduct a 3D geophysical survey for and on behalf of Bedrock Energy on City of Rhome lands which we are the acting agent in charge of and/or own the surface, mineral leasehold, mineral interest, or have the surface leased. The property(s) located in the following County(s), State(s) are being described as follows (See Exhibit "A").

Dawson was founded in 1952 and is a company that acquires and processes seismic data for clients, employing 3-D seismic method to identify and develop oil and natural gas bearing structures. Seismic testing is based on 'echo technology' and is often compare to medical technology of a sonogram which is a more sophisticated form of echo technology, using sound waves to create a detailed image of the subsurface rocks and generates images in three dimensions or 3-D. The equipment is place on the ground and consists of the geophone, battery and recording box using wireless or cableless recording systems, which eliminates the cables and allows for less equipment on the ground and less interaction of equipment with the public and landowners.

Funding Expected:	___ **Revenue**	___ **Expenditure**	___ **N/A**				
Budgeted Item:	___ **Yes**	___ **No**	___ **N/A**				
GL Account:	_____	**Amount:**	_____				
Legal Review Required:	X **Yes**	___ **No**		**Date Completed:**	_____		
Engineering Review:	___ **FD Review:**	___ **PD Review:**	X **PW Review:**	X			

Supporting Documents Attached:

Yes

Recommendation:

Provide direction on granting permission

Dawson Geophysical Company

Permit to Conduct Geophysical Operations

Date: May 11, 2022
Job Name: Rhome 3D
Job Number: 10522
Permit #: 115

CITY OF RHOME
PO BOX 228
RHOME, TX 76367

Permit Agent: Jeff Seay
Phone: (817)919-8585
Email: jeff.seay@dawson3d.com

Dear Sir / Madam,

Dawson Geophysical Company (hereafter called "Contractor") respectfully requests permission to conduct a 3D geophysical survey for and on behalf of **Bedrock Energy** on lands which you are the acting agent in charge of and/or own the surface, mineral leasehold, mineral interest, or have the surface leased. The property(s) located in the following County(s), State(s) are being described as follows:
See Exhibit "A"

1) Contractor will conduct operations in accordance with good standard practices and in a prudent and careful manner.
2) The undersigned (hereafter called "Grantor") is either an owner or tenant of the described property(s). The intention of this permit is to cover all surface and mineral interests owned by the Grantor within the described property(s) and within the 3D geophysical survey including those lands, rights and interests that may have been inadvertently omitted from the described property(s).
3) Grantor agrees to permit personnel and equipment designated by the Contractor, its successors and assigns, to enter upon the lands to conduct geophysical operations. Contractor's equipment may include unmanned aerial vehicles to monitor quality control of equipment and capture images of Contractor's work area.
4) The amount paid to the Grantor as provided herein shall constitute settlement in full for all damages, if any, that may result to Grantor's property(s) as a result of Contractor's normal operations. The Contractor shall further compensate the Grantor for all damages above and beyond normal wear and tear that may have occurred as a result of this geophysical survey.
5) Contractor agrees to indemnify and hold Grantor harmless from any personal injury or property damage claims that may result from Contractor's operations on the described property(s).
6) In the event that the Contractor does not conduct geophysical operations on the described property(s) as permitted, Contractor shall not be obligated to make any payment to Grantor.
7) Grantor agrees that if the surface or mineral rights for the described property(s) are owned by others, Grantor will advise Contractor.
8) Grantor does hereby declare that he/she has legal authority to sign this permit form and receive payment of permit and damage settlements with respect to the described property(s). By accepting payment, Grantor agrees to assume the responsibility for distributing that portion of the proceeds due to the surface owner, surface tenant and other third parties who claim interest in the property(s).
9) Unless otherwise voided by conditions stated herein, this agreement shall survive any lease, sale, trade, or conveyance of property interest described above and made after the execution date of this agreement and will be binding on successors or assigns.
10) *This permit in no way conveys any ownership rights in the property and is intended solely as a grant of permission to enter the property to conduct geophysical operations.*

In consideration for this permit covering geophysical operations on the lands described, Contractor shall make payment to Grantor in the amount of **$91.65** for the total of **9.165 gross acres**. Any other surface acreage owned by Grantor within the survey to be conducted under this permit discovered after the execution of this permit shall be compensated at the same rate of payment as agreed herein.

Please sign and return one copy of this permit in the enclosed self-addressed envelope.
Sincerely,

Jeff Seay

Permit Agent for Dawson Geophysical Company

The undersigned is authorized to grant and hereby grants permission to Dawson Geophysical Company to enter and conduct seismograph field operations on lands described above.

Signature _____ Printed Name_____

Date _____ Grantor Phone #_____Email_____

Number of Locked Gates?___Tenant's Name (if any)_____Tenant's Phone No._____

The grantor will be required to complete a W9 form which will be enclosed with the payment. You are required to provide the name of the payee and the associated Tax Identification Number provided on the W9 form that corresponds with the records of the Social Security Administration or Internal Revenue Service. The company is obligated to obtain a Federal Tax Identification Number or Social Security number OR withhold twenty-eight percent (28%) of the total payments made.

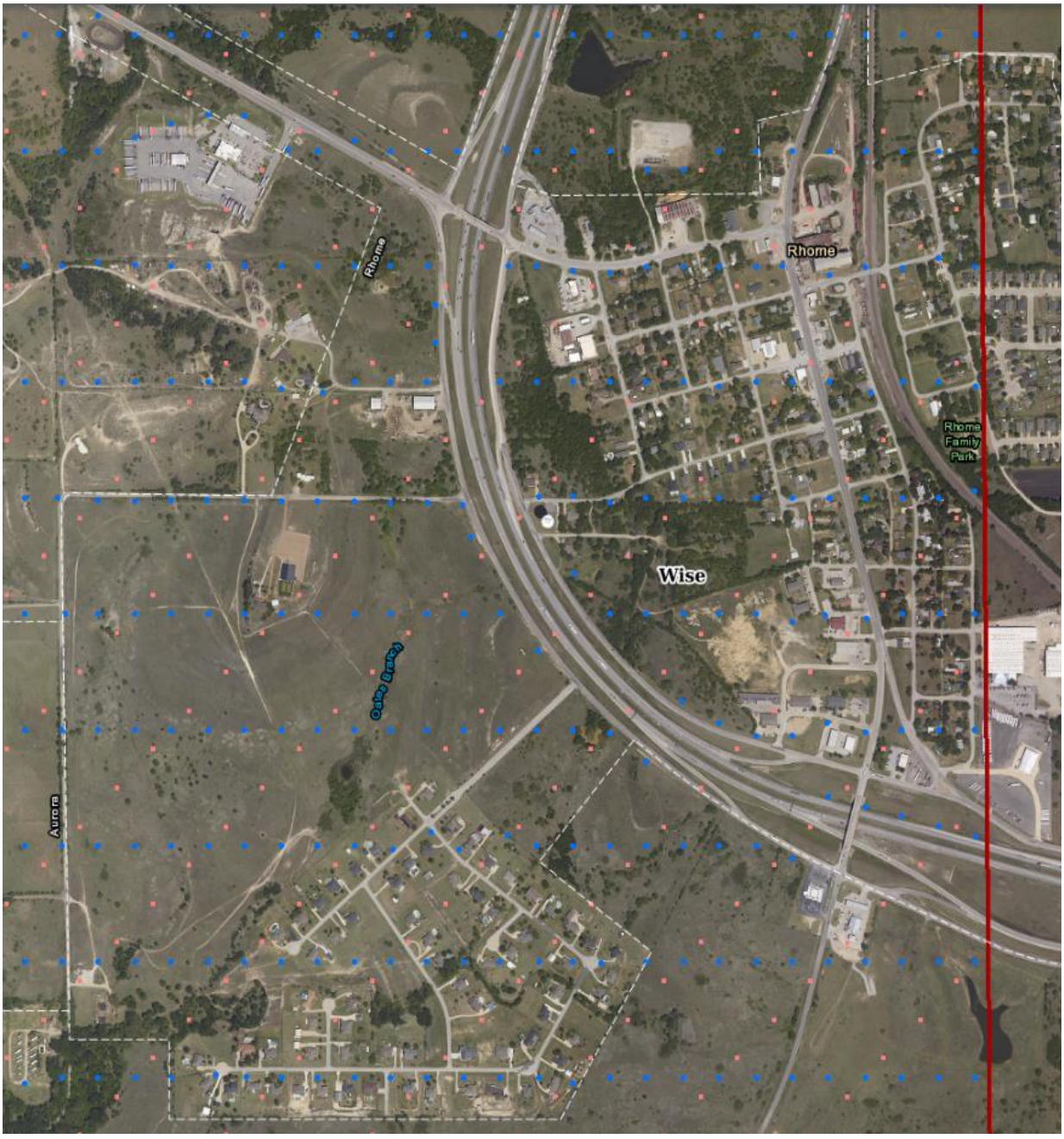
Exhibit "A"

Job Name: Rhome 3D
Job #: 10522

Permit #: 115
Total Gross Acres: 9.17
Total Net Acres: 9.17
Total Due: $91.65

Legal Description	Class	County	St.	U. Int.	Gross	Net	Consideration Per Acre
ORIGINAL TOWN RHOME 2.5420 ACRES	Fee	WISE	TX	100	2.542	2.542	$10.00
LT: 5 BLK: 16 ORIGINAL TOWN RHOME 0.0800 ACRES	Fee	WISE	TX	100	.08	.08	$10.00
LT: 4 & 5 BLK: 5 ORIGINAL TOWN RHOME	Fee	WISE	TX	100			$10.00
LT: 6-9 BLK: 5 ORIGINAL TOWN RHOME 0.5300 ACRES	Fee	WISE	TX	100	.53	.53	$10.00
LT: 17 BLK: 3 ORIGINAL TOWN RHOME 0.1190 ACRES	Fee	WISE	TX	100	.119	.119	$10.00
LT: 10 BLK: 9 ORIGINAL TOWN RHOME 0.0760 ACRES	Fee	WISE	TX	100	.076	.076	$10.00
LT: 11 & 12 BLK: 9 ORIGINAL TOWN RHOME 0.1610 ACRES	Fee	WISE	TX	100	.161	.161	$10.00
A-817 JC TATUM 0.3590 ACRES	Fee	WISE	TX	100	.359	.359	$10.00
A-634 MEP & PRR 0.0410 ACRES	Fee	WISE	TX	100	.041	.041	$10.00
BLK 26 5.0000 ACRES	Fee	WISE	TX	100	5	5	$10.00
A-743 SMITH CSL	Fee	WISE	TX	100			$10.00
A-634 MEP & PRR 0.2570 ACRES	Fee	WISE	TX	100	.257	.257	$10.00
		Total Acres			9.165	9.165	

Rhome 3D
Seismic Acquisition within the city of Rhome, Texas



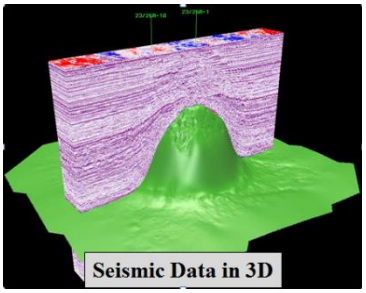
DAWSON
Dawson Geophysical Company

ABOUT DAWSON GEOPHYSICAL

- In business 69 years (founded 1952)
- Acquire and process seismic data for the accounts of our clients
- The leading provider of U.S. onshore seismic data acquisition services (2-D and 3-D)
- Diversified mix of oil and natural gas projects
- Employ 3-D seismic method to identify and develop oil and natural gas bearing structures
- Strong balance sheet provides increased operational strength and opportunities
- World wide accepted Safety Program
- Over 1,500 square miles of Urban Seismic which includes DFW Airport, multiple smaller airports in the Fort Worth area, Midland International Airport, and most recently in the cities of Alva, Kingfisher and Okarche, Oklahoma

WHAT IS SEISMIC TESTING

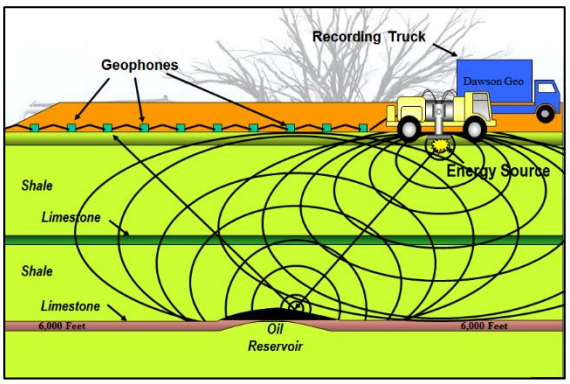
Seismic testing is based on "echo technology". Anyone who has ever shouted "hello" into a canyon to hear their echo bounce off of the rock walls has experienced a form of Geophysical Seismic acquisition.



Quite often, Geophysical Exploration is compared to Medical Technology. Most expectant parents are familiar with a more sophisticated form of "echo technology" in the form of a Sonogram. Just as a Sonogram uses sound waves to crate detailed images of an unborn baby, seismic testing uses sound waves to create a detailed image of the subsurface rocks. Both of these technologies generate images in three dimensions or 3-D. By generating these 3-D images of the rocks underfoot, geoscientists can pinpoint where reservoirs of oil and natural gas are located before drilling begins. And like a sonogram, geophysical testing is safe.

HERE'S HOW TESTING WORKS

The earth's crust is composed of different layers of rocks. Each layer – including those rocks that contain oil and natural gas – have unique properties that react differently to sound energy. It is these differences that help to define a reservoir whether by geology or properties within the rocks.



During seismic testing, a Vibroseis Buggy will send sound waves down into the earth at very defined pre planned locations. While the sound waves can not be felt unless you are next to the Vibroseis Buggy, the sound energy moves downward into the rocks and Geophysicists measure the time it takes to "echo" or reflect back to the surface with listening devices called Geophones. The Geophones record the returning or echoed sound wave (no longer perceivable by us!) and the information gets stored in a box sitting next to the geophone. The data is then collected from the boxes and sent to a Processing Center to turn the echoed sound waves to precise images that help Geophysicists and Geologists identify where oil and natural gas is potentially located.

DAWSON®
Dawson Geophysical Company

THE FOUR PHASES OF GEOPHYSICAL TESTING

PHASE 1: OBTAINING PERMISSION

Before any work can begin, representatives from Dawson Geophysical, called Permit Agents, will request permission from surface owners to conduct the work. During this process a face-to-face meeting with Surface Owners is requested to discuss the process, what equipment may temporarily be on their property, and timing of operations. The Permit Agents will also seek Mineral Permits from those companies or individuals that own the minerals or are leasing the minerals.

Any Governmental regulation whether Federal, State, County or City will be complied with and adhered to in the course of acquiring the Geophysical data. In Urban Seismic, surface permission and right-of-way is granted by the City.

PHASE 2: SURVEYING THE PROPERTY

Geophysicists and Project Managers from Dawson Geophysical will visit the project, and along with help from the Client's Geoscience staff, will design the best manner in which to image the subsurface rocks. A Design or Plan is then generated to locate Geophone locations and Vibroseis Buggy locations that will carefully and methodically generate the best data.

The locations for Geophones and Vibroseis Buggies are given to a Survey Company that will survey, with sub-centimeter precision, these locations on the ground. Using GPS (Global Positioning Systems) surveyors will identify points for the energy source points and recording devices (geophones). They will also take note of any structures, water flow lines, irrigation and drinking water wells, or other culture to be avoided. Large equipment will be "buffered" at safe distances away from these obstacles, and/or will be turned down to safely established operating levels.

DAWSON
Dawson Geophysical Company

THE FOUR PHASES OF GEOPHYSICAL TESTING

PHASE 3: LAYING OUT EQUIPMENT-LINE CREW

The Recording Crew from Dawson Geophysical will arrive in the project area to begin laying out equipment for the survey testing. Geophones, small listening devices, will be placed in the ground. The Geophone is secured to the ground with a small spike at the base of the case. Geophones remain in place for about 25 – 30 days and are stationary devices that never move. Along with these Geophones, small remote seismic recording boxes called GSR Boxes, are placed next to the Geophones. A second box containing the battery source will also be present. These boxes store the sound energy that the Geophones have recorded. This technology is called "Wireless or Cable less Recording Systems". In the past, cables were strung between each Geophone in order to move data that was recorded.

Geophone on the far left, Battery in the middle and Recording Box on right.

Eliminating these cables allows for less equipment on the ground and less interaction of equipment with the public and Land Owners.

Moving strings of Geophones in the Field

Most Geophone sizes

THE FOUR PHASES OF GEOPHYSICAL TESTING

PHASE 4: ACQUISITION-RECRDING DATA

Once the required number of geophones and boxes have been laid out, the Vibroseis Buggies can begin operations. Vibroseis buggies will typically operate in sets of three (3) following the pre-set trails determined by the Surveyors. Once they reach a source point, the Buggies will stop and generate sound waves to be recorded. Specific frequencies of sound energy that are sent into the subsurface will be determined by Geophysicists.

Vibroseis Buggies in the Field.

To generate the sound waves at the designated location, the Vibroseis Buggies will lower a pad to the ground. Through this pad, the range of frequencies and the length of time the pad is on the ground is controlled by electronics within each Buggy. The time spent at each source location is only minutes at the most. Recorded sound waves will be stored in the box in the field. As the equipment is picked up, the data is collected from the box and sent through a series of processing steps in order to produce seismic data.

The Vibroseis Buggies and all equipment will be monitored by a Recording Truck in the field. This truck will ensure the Vibroseis Buggies are generating the right sound waves, that the layout crews are in the right location, and all trouble-shooting is maintained. Additionally, other Dawson Geophysical Trucks may be seen in the area carrying equipment from staging areas to locations and 4 wheelers or "Mules" may be monitoring equipment lines.

"Mule" with Dawson Line Viewer

Recording Truck

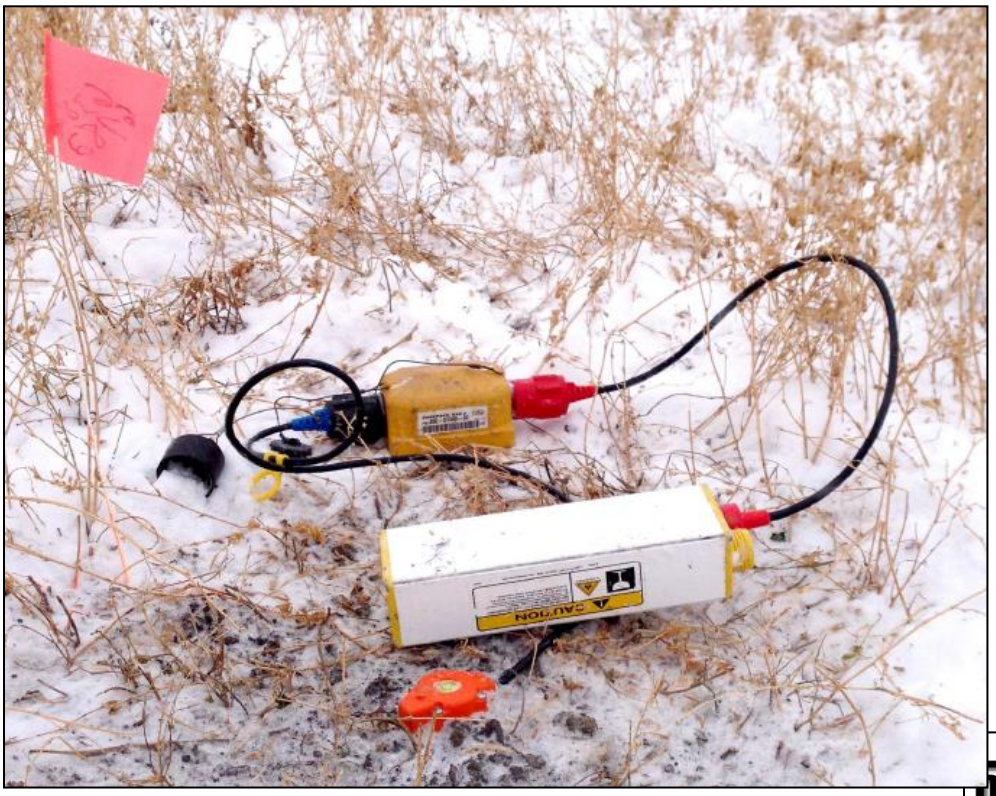
Urban Seismic

Equipment Used in Geophysical Operations: Vibroseis Buggies that generate the sound wave which echoes off the subsurface rocks

Dawson Geophysical Company

Geophones and Boxes and Batteries

A typical Recording Box, Battery and Geophone on the ground.



When conducting Geophysical Operations in an Urban environment, the most effective and thorough testing procedure is to measure the Peak Particle Velocity of the sound waves during testing.

Peak Particle Velocity, or PPV, is the measurement of ground movement by sound waves. This measurement is how sound waves may effect pipelines, buildings, buried utilities and water wells.

The federal government, through much testing, has established a guideline for safe work in urbanized areas which we use as an Industry Standard.

The following information describes this Federal Guideline and how Geophysical Operators use these safety measures.

DAWSON®
Dawson Geophysical Company

Vibrations for Structures and Water Wells

- National Historic Preservation Act of 1966. Became law in 1966, last Amended 2004. Provided guidelines on how to protect the most fragile of historic treasures.
- The Peak Particle Velocity value established to ensure that fragile historic structures would be protected is 0.500 in/sec (USBM RI 8507)
- The Peak Particle Velocity value used for structures is the same for Water Wells.
- The P.P.V. Threshold that is utilized on most 3D seismic projects is 0.350 in/sec for structures

Geophysical seismic operators measure PPV by use of sophisticated sound measuring devices placed next to structures which measure the ground movement. Engineering companies are hired to monitor the Vibroseis method to operate safely in Urban areas.

DAWSON®
Dawson Geophysical Company

These measurements detect movement in inches per second.

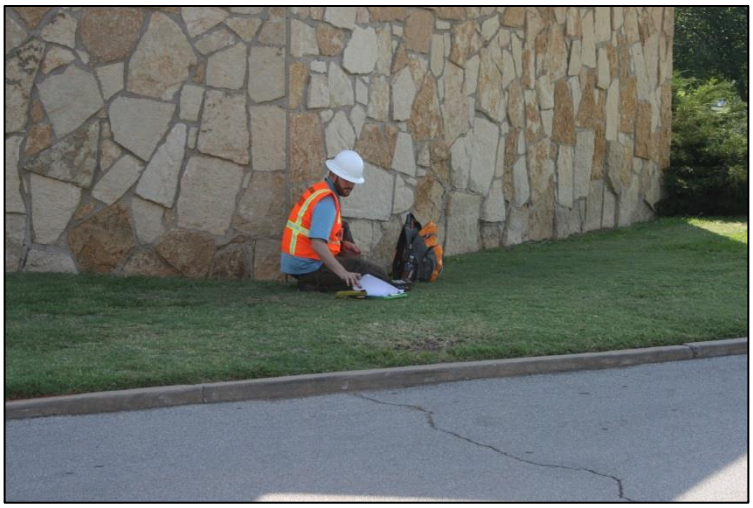
The Federal Government Guideline for safe operations is 1.0 inches per second

Description	Distance	Number	Date	Time	PPV	PPV Hz	Radial	Radial Hz	Vertical	Vertical Hz	Transverse	Transverse Hz
	20'	002	2/24/2021	9:50:00 AM	1.54	51.2	1.54	51.2	0.525	85.3	1.06	64
Sweep 2	40'	002	2/24/2021	9:50:00 AM	0.7	36.5	0.7	36.5	0.215	64	0.425	42.6
70% Drive	60'	002	2/24/2021	9:50:00 AM	0.345	42.6	0.345	42.6	0.1	28.4	0.285	51.2
3x Commander AHV-IV 364	80'	002	2/24/2021	9:50:00 AM	0.21	28.4	0.21	28.4	0.085	32	0.085	51.2
2 - 104hz	100'	002	2/24/2021	9:50:00 AM	0.145	51.2	0.145	51.2	0.08	28.4	0.105	51.2
18 sec.	120'	002	2/24/2021	9:50:00 AM	0.185	32	0.185	32	0.125	32	0.16	36.5
Tapers - Custom	200'	002	2/24/2021	9:50:00 AM	0.06	32	0.06	32	0.04	25.6	0.045	36.5
	300'	002	2/24/2021	9:50:00 AM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	20'	003	2/24/2021	9:52:00 AM	1.54	51.2	1.54	51.2	0.525	85.3	1.04	64
Sweep 3	40'	003	2/24/2021	9:52:00 AM	0.66	36.5	0.66	36.5	0.225	64	0.435	36.5
70% Drive	60'	003	2/24/2021	9:52:00 AM	0.335	51.2	0.335	51.2	0.095	32	0.3	51.2
3x Commander AHV-IV 364	80'	003	2/24/2021	9:52:00 AM	0.205	28.4	0.205	28.4	0.085	32	0.09	51.2
2 - 104hz	100'	003	2/24/2021	9:52:00 AM	0.145	51.2	0.145	51.2	0.08	28.4	0.105	51.2
18 sec.	120'	003	2/24/2021	9:52:00 AM	0.175	28.4	0.175	28.4	0.12	28.4	0.16	36.5
Tapers - Custom	200'	003	2/24/2021	9:52:00 AM	0.055	32	0.055	32	0.04	23.2	0.045	36.5
	300'	003	2/24/2021	9:52:00 AM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	20'	004	2/24/2021	9:53:00 AM	1.52	51.2	1.52	51.2	0.515	85.3	1.02	64
Sweep 4	40'	004	2/24/2021	9:53:00 AM	0.64	36.5	0.64	36.5	0.22	64	0.435	42.6
70% Drive	60'	004	2/24/2021	9:53:00 AM	0.315	42.6	0.315	42.6	0.095	28.4	0.305	51.2
3x Commander AHV-IV 364	80'	004	2/24/2021	9:53:00 AM	0.205	28.4	0.205	28.4	0.08	28.4	0.095	51.2
2 - 104hz	100'	004	2/24/2021	9:53:00 AM	0.14	51.2	0.14	51.2	0.08	32	0.105	51.2
18 sec.	120'	004	2/24/2021	9:53:00 AM	0.175	32	0.175	32	0.12	32	0.15	36.5
Tapers - Custom	200'	004	2/24/2021	9:53:00 AM	0.055	32	0.055	32	0.04	23.2	0.045	36.5
	300'	004	2/24/2021	9:53:00 AM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	20'	005	2/24/2021	9:55:00 AM	1.5	51.2	1.5	51.2	0.5	85.3	1.04	64
Sweep 5	40'	005	2/24/2021	9:55:00 AM	0.64	36.5	0.64	36.5	0.225	64	0.44	36.5
70% Drive	60'	005	2/24/2021	9:55:00 AM	0.31	51.2	0.305	42.6	0.09	28.4	0.31	51.2
3x Commander AHV-IV 364	80'	005	2/24/2021	9:55:00 AM	0.205	32	0.205	32	0.08	28.4	0.1	51.2
2 - 104hz	100'	005	2/24/2021	9:55:00 AM	0.145	42.6	0.145	42.6	0.08	28.4	0.105	51.2
18 sec.	120'	005	2/24/2021	9:55:00 AM	0.175	64	0.175	64	0.12	32	0.15	32
Tapers - Custom	200'	005	2/24/2021	9:55:00 AM	0.055	36.5	0.055	36.5	0.04	23.2	0.04	36.5
	300'	005	2/24/2021	9:55:00 AM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	20'	006	2/24/2021	9:56:00 AM	1.44	51.2	1.44	51.2	0.495	85.3	1.06	64
Sweep 6	40'	006	2/24/2021	9:56:00 AM	0.62	36.5	0.62	36.5	0.235	64	0.445	32
70% Drive	60'	006	2/24/2021	9:56:00 AM	0.33	51.2	0.305	42.6	0.095	64	0.33	51.2
3x Commander AHV-IV 364	80'	006	2/24/2021	9:56:00 AM	0.205	32	0.205	32	0.08	32	0.105	51.2
2 - 104hz	100'	006	2/24/2021	9:56:00 AM	0.15	51.2	0.15	51.2	0.08	32	0.11	51.2
18 sec.	120'	006	2/24/2021	9:56:00 AM	0.18	28.4	0.18	28.4	0.12	32	0.145	36.5
Tapers - Custom	200'	006	2/24/2021	9:56:00 AM	0.055	36.5	0.055	36.5	0.04	23.2	0.04	36.5
	300'	006	2/24/2021	9:56:00 AM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

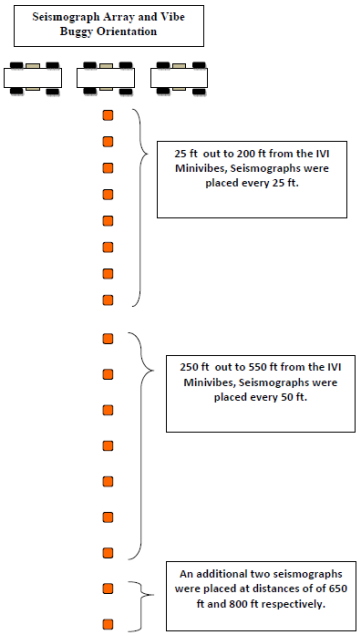
PPV Table from February 24, 2021 Lea County NM
Conducted by VIBRATION MONITORING SERVICE L.L.C.

DAWSON®
Dawson Geophysical Company

PPV monitoring in the field: Equipment set up by structures to monitor Geophysical activity.



PPV Monitoring in field during Acquisition in Fort Worth



PPV Testing Pattern for offset buffering in Fort Worth

Dawson Geophysical Company

To help the City of Arlington, Texas, we also conducted a study to measure any effect of the Vibroseis buggies on buried clay pipe utilities. A video monitoring device was lowered into the pipes and a remote video camera taped our testing to monitor the effect, if any, on the pipes.

Urban Seismic Specialists Inc.

Ground Motion Study

City of Arlington – Buried Clay Pipe

Arlington, Texas

Client: Dawson Geophysical

April 13, 2010

By: Mr. Cody Fletcher
Urban Seismic Specialists Inc.
P.O. Box 1266
New Ulm Texas 78950
Ph. 979.357.2704

DAWSON Dawson Geophysical Company

Clay Sewer Line Test – Urban Seismic

Urban Seismic Specialists Inc.

Ground Motion Study

City of Arlington – Buried Clay Pipe

Arlington, Texas

Client: Dawson Geophysical

April 13, 2010

By: Mr. Cody Fletcher
Urban Seismic Specialists Inc.
P.O. Box 1266
New Ulm Texas 78950
Ph. 979.357.2704

Figure 1 - Site Preparation.

Figure 5 - Completed Geophone Plant

Figure 2 - View of excavated hole with view of clay pipe.

Pictures showing excavated hole in street an placement of PPV Monitor on Clay Pipe

DAWSON Dawson Geophysical Company

Below are the conclusions from their Engineers:

RECOMMENDATIONS AND CONCLUSIONS

At the field test that was conducted those present could feel the vibrations from the Envirovibe Minivibe. The Normal level of human perception is about .02 to .03 inches per second.

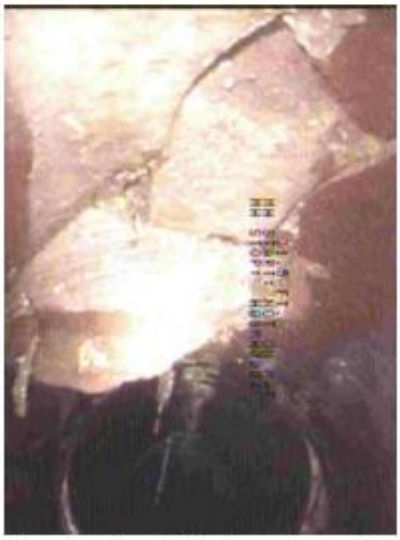
The results from the Test Site during test one, which had the Minivibe located at 10 ft 8 in from the surface geophone, show that the peak particle velocity recorded at pipe depth, was 0.16 in/sec (+/- 0.005 in/sec). During the same test, the particle velocity, when measured at the surface, was 0.710 in/sec (+/-0 .005 in/sec).

Results recorded during test two, which had the Minivibe located at 4 ft 6 in from the surface geophone, show that the peak particle velocity recorded at pipe depth was 0.25 in/sec (+/- 0.005 in/sec). . The surface geophone recorded particle velocities of 1.02 in/sec (+/- 0.005 in/sec). .

Test three involved moving the pad only 8 in from the surface geophone, and directly above the buried clay pipe. The geophone located at pipe depth recorded particle velocities of .445 in/sec (+/- .005 in/sec). The surface geophone recorded particle velocities of 3.0 in/sec (+/- 0.01 in/sec).

The final test, at the request of the City of Arlington, involved moving the Envirovibe to a point farther south on Center Street. The Vibe pad was located directly above a location on the Clay sewer main where a service entrance was located. No seismograph records were taken at the pad location; however, immediate structures were monitored. The City of Arlington video inspection team recorded video throughout testing. It was apparent that the pipe had to be broken, and cemented to connect the service entrance, so cracks and broken pipe pieces were evident.

Service Entrance of Pipe – top left



Same location with broken pieces at top of

DAWSON® Dawson Geophysical Company

Conclusion continued:

During the twelve high force, production sweeps, there were no additional cracks or breaks witnessed, and the pieces that were assumed to be loose never moved or shifted.

Video inspection was utilized by the City of Arlington during all phases of testing to ensure that no damage occurred. Vibration levels were barely noticeable on the video screen throughout all of the testing, as reported by the technician. No cracks or damages were caused by the Envirovibe during testing operations.

The analysis of the data produced during the testing process, revealed that the ground motion generated by the Envirovibe Minivibe, attenuated very rapidly on the surface. The most revealing data was at buried depth. The ground motion actually attenuated more rapidly at depth, due to the insulation effect of the asphalt, as well as the inherent nature of the soil structure itself to absorb vibrations. It was evident during the video inspection of the pipe that the pipe itself, when buried correctly, has become a fixture of the ground structure, and as a result the surrounding ground enhances the pipe's integrity. Based on the results of this test, we believe that the Envirovibe Minivibe, under normal operations, will have no effect on the City of Arlington's buried infrastructure.

Surface monitoring from the sidewalk, which was as close as 27 ft, never exceeded 0.026 in/sec, which again suggests the Minivibe is a low impact environmental vibroseis source.

Physical Address: 501 South Main Street
Mailing Address: PO Box 228
Rhome, Texas 76078
Telephone: 817-636-2462 | Metro: 817-638-2758
www.cityofrhome.com cityadministrator@cityofrhome.com

AGENDA ITEM G

CERTIFICATE OF APPRECIATION

Presented to:

Sean Densmore

For his dedicated service as the

Public Works Director from 2020 to 2022

Presented this the 26th day of
May 2022

Patricia Mitchell,

Mayor

Physical Address: 501 South Main Street
Mailing Address: PO Box 228
Rhome, Texas 76078
Telephone: 817-636-2462 | Metro: 817-638-2758
www.cityofrhome.com cityadministrator@cityofrhome.com

AGENDA ITEM H

Agenda Commentary

Meeting Date: May 26, 2022

Department: Administration **Contact:** Cynthia Northrop

Agenda Item: H. Discussion and any necessary action regarding adjusting water bill as a result of vandalism

Type of Item: ___ **Ordinance** ___ **Resolution** x **Contract/Agreement** ___ **Public Hearing**
___ **Plat** X **Discussion & Direction** ___ **Other**

Summary-Background:

The City of Rhome has an internal leak adjustment policy with specific criteria on adjusting a water bill due to leaks. We have had a request to adjust a water bill that happened as a result of vandalism (police report was filed). Since this is not technically a leak, staff is seeking direction on allowing staff discretion to adjust water bills in cases like these.

Funding Expected: ___ **Revenue** ___ **Expenditure** ___ **N/A**
Budgeted Item: ___ **Yes** ___ **No** ___ **N/A**
GL Account: _____ **Amount:** _____
Legal Review Required: X **Yes** ___ **No** **Date Completed:** _____
Engineering Review: ___ **FD Review:** ___ **PD Review:** ___ **PW Review:** X

Supporting Documents Attached:

Yes

Recommendation:

Provide direction on allowing staff to discretion to evaluate request based on specific situation and based on best business practice.

Physical Address: 501 South Main Street
Mailing Address: PO Box 228
Rhome, Texas 76078
Telephone: 817-636-2462 | Metro: 817-638-2758
www.cityofrhome.com cityadministrator@cityofrhome.com

AGENDA ITEM I

Agenda Commentary

Meeting Date: May 26, 2022

Department: Administration/Finance **Contact:** Cynthia Northrop

Agenda Item: I. Discussion and any necessary action regarding budget amendments

Type of Item: X **Ordinance** ___ **Resolution** ___ **Contract/Agreement** ___ **Public Hearing**
___ **Plat** ___ **Discussion & Direction** ___ **Other**

Summary-Background:

This Budget Amendment reallocates designated funds within various departments to various funds within those departments in the FY 2021-2022 Budget.

Funding Expected: ___ **Revenue** ___ **Expenditure** ___ **N/A**

Budgeted Item: ___ **Yes** ___ **No** ___ **N/A**

GL Account: _____ **Amount:** _____

Legal Review Required: ___ **Yes** ___ **No** **Date Completed:** _____

Engineering Review: ___ **FD Review:** ___ **PD Review:** ___ **PW Review:** ___

Supporting Documents Attached:

Proposed Ordinance

Recommendation:

Staff recommends approval of proposed Ordinance.

CITY OF RHOME
ORDINANCE NO. 2022-15

AN ORDINANCE OF THE CITY OF RHOME, TEXAS, AMENDING THE CITY'S DULY ADOPTED FISCAL YEAR 2021-2022 BUDGET, AS AMENDED; REALLOCATING DESIGNATED FUNDS WITHIN VARIOUS DEPARTMENTS TO VARIOUS FUNDS WITHIN THOSE DEPARTMENTS; AND INCREASING THE GENERAL FUND REVENUE PROPERTY TAX MAINTENANCE & OPERATIONS GL ACCOUNT; AND PROVIDING AN EFFECTIVE DATE

WHEREAS, the City of Rhome, Texas Fiscal Year 2021-2022 Budget was adopted within the time frame and in the manner required by State Law; and

WHEREAS, the City Council of the City of Rhome, Texas finds that a Budget Amendment, as set forth in Exhibit "A", will serve the public interest and is necessary to support City operations; and

WHEREAS, this Budget amendment reallocates designated funds within various departments to various funds within those departments; and

WHEREAS, this Budget Amendment will result in an increase to the General Fund Revenue Property Tax Maintenance & Operations GL Account; and

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Rhome, Texas that the City's 2020-202 Fiscal Year Budget is hereby amended as set forth in Exhibit "A".

PASSED AND APPROVED by the City Council of the City of Rhome, Texas, this the 26th day of May 2022.

Patricia Mitchell,
Mayor

[SEAL]

ATTEST:

Shaina Odom,
City Secretary

APPROVED TO AS FORM:

Carvan E. Adkins,
City Attorney

Exhibit A
Fiscal Year 2020-2021 Budget Amendments

Account	Description	Dept	Approved	Proposed	Net (Reduction) / Increase
10-65610-10	Salary	Admin	$164,940.00	$153,941.00	($11,000.00)
10-65630-10	Wages	Admin	$43,060.00	$35,060.00	($8,000.00)
10-60300-10	Contract Labor	Admin	$10,000.00	$29,000.00	$19,000.00
10-61600-10	Dues & Subscriptions	Admin	$35,000.00	$34,000.00	$(1,000.00)
10-60000-10	Accounting Fees	Admin	$13,000.00	$14,000.00	$1,000.00
10-60430-50	Equipment	Police	$87,500.00	$74,852.48	($12,647.52)
10-61800-50	Insurance Prop / Liability	Police	$22,240.14	$27,289.14	$5,049.00
10-61600-50	Dues & Subscriptions	Police	$10,992.00	$19,592.05	$7,598.52

Physical Address: 501 South Main Street
Mailing Address: PO Box 228
Rhome, Texas 76078
Telephone: 817-636-2462 | Metro: 817-638-2758
www.cityofrhome.com cityadministrator@cityofrhome.com

AGENDA ITEM J

Agenda Commentary

Meeting Date: May 26, 2022

Department: Police Department **Contact:** Chief Eric Debus

Agenda Item: J. Discussion and any necessary action approving the purchase of four police vehicles in fiscal year 2022-2023.

Type of Item:	___ **Ordinance**	___ **Resolution**	X **Contract/Agreement**	___ **Public Hearing**
	___ **Plat**	___ **Discussion & Direction**		___ **Other**

Summary-Background:

As discussed at the vision/budget workshop, the Rhome Police Department requests the purchase of four police vehicles for FY 2022-2023. Three of the new vehicles would be funded by the City and one vehicle purchased will be funded by PMB Developers through an agreement (expected to be on the June 9, 2022 Agenda). Again, as discussed during the Vision-Budget Workshop, due to the supply chain crisis, the commitment to purchase vehicles must be made now to secure delivery, with current expectations of 2023 delivery. In the event this request is not approved, we will not be able to replace any police vehicles until at least 2024.

This purchase agreement is a lease/purchase whereby the city will retain ownership following the fifth and final payment. If the city's financial situation changes, we may be able to cancel prior building out the car process. The first payment would not be due until next FY 2022-2023.

Funding Expected:	___	**Revenue**	X	**Expenditure**	___	**N/A**	
Budgeted Item:	___	**Yes**	___	**No**	___	**N/A**	
GL Account:	_____		**Amount:**	_____			
Legal Review Required:	X	**Yes**	___	**No**		**Date Completed:**	_____
Engineering Review:	___	**FD Review:**	___	**PD Review:**	X	**PW Review:**	___

Supporting Documents Attached:

Recommendation:

Approve PD submitting a purchase request for four new police vehicles, with payment not expected until the contract is signed in FY 2022-2023.