



Homer City Hall

491 E. Pioneer Avenue

Homer, Alaska 99603

www.cityofhomer-ak.gov

City of Homer Agenda

Public Works Campus Task Force Regular Meeting

Wednesday, April 14, 2021 at 2:30 PM

City Hall Cowles Council Chambers via Zoom Webinar

Dial: +1 669 900 6833 or +1 253 215 8782 or Toll Free 888 788 0099 or 877 853 5247

Webinar ID: 990 6794 3833 Passcode: 716429

CALL TO ORDER, 2:30 P.M.

AGENDA APPROVAL

PUBLIC COMMENTS UPON MATTERS ALREADY ON THE AGENDA

APPROVAL OF MINUTES

- [a.](#) Meeting minutes for the March 24, 2021 regular meeting

VISITORS/PRESENTATIONS

REPORTS

PENDING BUSINESS

- [a.](#) Probable Risks Table & Report
 - Draft Memorandum to City Council
 - Risks Table

Email from Member Slone regarding risks
- b. Identifying Strategies for Mitigation of Risks
 - Identify strategies for each risk identified in the table
- c. Short & Long Term Costs for Mitigation Strategies
 - Identify short & long term costs involved for each of the mitigation strategies identified for each of the risks shown in the table.

NEW BUSINESS

- a. Current and Future Needs for the Public Works Department
 - Identify and categorize the current and future needs in relation to the facility that the department would require.
- b. Next Steps

INFORMATIONAL MATERIALS

- [a.](#) Resolution 20-125 Creating the Public Works Campus Task Force and Assigning Scope of Work
- [b.](#) Public Works Campus Task Force Approved Meeting Schedule
- [c.](#) Inundation Maps

COMMENTS OF THE AUDIENCE

COMMENTS OF CITY STAFF

COMMENTS OF THE TASK FORCE

ADJOURNMENT

Next Regular Meeting is Wednesday, April 28, 2021, at 2:30 p.m. All meetings scheduled to be held via Zoom Webinar in the City Hall Cowles Council Chambers located at 491 E. Pioneer Avenue, Homer, Alaska.

Session 21-04, a Regular Meeting of the Public Works Campus Task Force was called to order by Chair Donna Aderhold at 2:32 p.m. on March 24, 2021 via Zoom Webinar from the City Hall Conference Room located at 491 E. Pioneer Avenue, Homer, Alaska.

PRESENT: MEMBERS ENGBRETSSEN, ARGUETA, SLONE, VENUTI AND ADERHOLD

ABSENT: MEMBERS KEISER AND BARNWELL (EXCUSED)

STAFF: RENEE KRAUSE, DEPUTY CITY CLERK

AGENDA APPROVAL

Chair Aderhold requested a motion to approve the agenda.

VENUTI/SLONE MOVED TO APPROVE THE AGENDA.

There was no discussion.

VOTE. NON-OBJECTION. UNANIMOUS CONSENT.

Motion carried.

PUBLIC COMMENTS UPON MATTERS ALREADY ON THE AGENDA

APPROVAL OF MINUTES

A. Regular Meeting Minutes for March 10, 2021

Chair Aderhold requested a motion to approve the minutes.

SLONE/VENUTI - MOVED TO APPROVE THE MINUTES AS PRESENTED

There was no discussion.

VOTE. NON-OBJECTION. UNANIMOUS CONSENT.

Motion carried.

VISITORS/PRESENTATIONS

REPORTS

A. Memorandum from Public Works Director re: Probability on Tsunami

Chair Aderhold introduced the item by reading the title and asked if there was any questions regarding the information.

Ms. Engebretsen expressed that she still had questions regarding the risks and probability and did not believe that she would be able to explain it to a member of the public if she was questioned on it at some point. She explained that having a talking points that were very elementary and that can be used on the website to communicate this complicated information to the general public was preferred. Ms. Engebretsen further explained that if this group could synthesize and put it into everyday language so if the Council asks what the analysis of the risks are they can respond in two or three sentences.

A discussion ensued on what it would take to get to those talking points with references to the map that was done by Member Barnwell and the information in Member Keiser's memorandum did not quite match up. Further discussion on the following:

- When comparing the maps to memorandum the Public Works facility will only get about 2.8 feet of water.
- All information and discussion is public and will be on the website available to the public.
- Goal is to explain to Council and the Public why they are recommending action and who they got to those recommendations.
- Exactly what the Council is expecting from the Task Force and rating the risks with the resulting remedies.
- This is a low probability event but potentially catastrophic or high consequence.
- Even a low probability the Council will have to have some idea so that funding can be reserved to mitigate those issues.
- Creation of a matrix to determine risk probability using a the data that is currently available, there would be no accuracy, but how low would the probability be.

Chair Aderhold requested a motion.

SLONE/VENUTI MOVED THAT THE TASK FORCE CREATE A TSUNAMI INUNDATION PROBABILITY MODEL.

Discussion that there is data available on the likelihood of an event by scale which could be used to create the model ensued with Member Slone providing an example of equations he used to figure the likelihood of a tsunami based on those figures in the data provided by DGGS.

Further discussion points were made in review of the information:

- The information does not support relocating the facility on a whole, only certain aspects of it.
- Should be addressing the Public Works needs moving forward similar to the police and fire station projects.
- Alaska does not use this methodology for probability because there is not enough historical data to base the probability of events on and they do not have a simple response for the public.
- Every tsunami warning Public Works personnel take action to mitigate any possible damage to the equipment. These warnings are issued by the State and the city is part of the system and cannot be changed. It provides good practice on behalf of the city and the community.

There was no further discussion

VOTE. NO. VENUTI, ARGUETA, ENGEBRETSEN, ADERHOLD.

VOTE. YES. SLONE.

Motion failed.

PENDING BUSINESS

A. Memorandum from Member Engebretsen re: Risk Catalogue and Evaluation

Chair Aderhold introduced the item by reading of the title and invited Ms. Engebretsen to present her memorandum.

Member Engebretsen reviewed, from the previous meeting, the information that was requested.

Member Argueta reported on the information he found regarding impact to the environment from fuels and calcium chloride. He noted that while there would be immediate acute toxicity following the event of a tsunami, because of the underlying dilution to those chemicals from the tsunami there would be no long term damage. He stated that the information he received on additional items such as hydraulic fluid, motor oil, etc., were that the quantities were very limited and it would not be a significant source of impact to the environment.

Member Engebretsen reported that she contacted Homer Police Department and they do not currently appoint an officer to direct traffic, however there is enough of a lag in traffic that allows Public Works personnel to move the equipment. She then reported that there are two bulk water suppliers in the area that get their water from other locations that would be able to supply residents.

Member Engebretsen stated that it would be helpful to have an executive summary for the report putting the highest risks and most likely along with mitigation strategies. That will leave these concerns to be addressed by City Council and the public. The Chart will assist in showing the Council and Public what the Task Force looked at overall.

Further discussion points made were on the following:

- Highest priorities include relocating materials such as sand and gravel
- Using the current information in relation to the requirements as outlined by the resolution, including a priority level
- Review of the table and placement of priority of those items based on discussion

Member Engebretsen stated that the next part of the discussion in the development the table would be does the current Public Works meet our needs and will it continue to meet our needs for the next 30 years.

At the next meeting Member Keiser should lead a discussion on what the current needs are of Public Works and what the future needs would be.

Member Engebretsen volunteered to provide the draft for the next meeting and Chair Aderhold volunteered to be copy editor for the document.

Member Slone did not agree with adding in the long term needs for the Public Works Campus is high jacking the intent of the resolution and doesn't fulfill the request of the Council.

Member Engebretsen acknowledged Member Slone's concerns and opined that they could have that conversation with Council when they present the table and ask those questions of Council noting that this was a difficult exercise and what direction would they like the Task Force to take.

Member Slone concurred with that approach since there was no way to define the risks in general terms of probability.

NEW BUSINESS

A. Next Steps

Chair Aderhold introduced the item by reading of title and noted what next steps were going to be brought forward for the next meeting as follows:

- Member Engebretsen will be drafting the Probable Risks Table and Report
- Identifying Strategies for Mitigation of Risks has been partially worked on
- Short & Long Term Costs for Mitigation Strategies

Deputy City Clerk Krause reported that the steps listed are those that were listed in the resolution, she explained that the risks shown, identified strategies, and some of the mitigation strategies as listed responded to the requested information, and with two meetings in April that should be enough time to get that information to finish the table.

Additional points made were the following:

- Finish the report to Council including the information found on tsunami risks
- Should the Task Force refocus energy on looking at the facility long term and adequacy of will the facility work for the city in the long term
- Public Works Budget requests for FY22/23
- Council unlikely to make a decision this big this quick
- Costs are needed to mitigate the strategies whether it is from tsunami or old age

Deputy City Clerk Krause reported that she did hear from Councilmember Smith on his concerns regarding the public attendance at the meetings were focused on the following:

- the average person is working during the day and they're unable to attend
- due to the complexity and depth of discussions, it would be hard to follow by reading of the minutes
- A webpage would not be adequate information for the general public

Chair Aderhold requested to add on the agenda for the next meeting public input and meeting schedule.

INFORMATIONAL MATERIALS

COMMENTS OF THE AUDIENCE

COMMENTS OF THE CITY STAFF

Deputy City Clerk Krause commented that it was an interesting meeting.

COMMENTS OF THE TASK FORCE

Member Argueta commented on the decision making process and statistical model on the possible worst case scenarios and expressed appreciation for everyone's input.

Member Engebretsen echoed Mr. Argueta's comments and appreciated the good conversations.

Member Venuti expressed appreciation for Ms. Krause's follow through and doing an excellent job taking notes and adding her comments. She then thanked Member Engebretsen for doing most of the heavy lifting and reminded the Task Force that on March 27th it has been 57 years since the 1964 earthquake which totally wiped out all infrastructure in seven cities noting that those cities she believed came back stronger and better for every community because they had good city leaders, she expressed her belief that Homer had good leadership and that this committee is a good example. She continued by acknowledging the members individuality, intelligence and ability to work well together. Member Venuti expressed her appreciation for everyone's work and thanked Member Slone for reminding them about the tasks outlined in the resolution.

Chair Aderhold expressed her thanks for everyone's work and stated her hope that one day soon everyone will be once again able to meet in Council Chambers.

ADJOURNMENT

There being no further business to come before the Task Force the meeting adjourned at 4:26 p.m. The next regular meeting is scheduled for Wednesday, March 24, 2021 at 2:30 p.m. at the City Hall Cowles Council Chambers via Zoom Webinar located at 491 E. Pioneer Avenue, Homer, Alaska.

RENEE KRAUSE, MMC, DEPUTY CITY CLERK

Approved: _____



City of Homer

www.cityofhomer-ak.gov

491 East Pioneer Avenue
Homer, Alaska 99603

(p) 907-235-8121

(f) 907-235-3140

To: Public Works Task Force
From: Julie Engebretsen, TF member
RE: Risk Catalogue and Evaluation, Report to Council
Date: April 9, 2021

Resolution Task Goal #1: (re-ordered)

- Catalog and Evaluate Risks
- Develop System for Evaluating Risks
- Deliverable: Report of Findings of probable risks

We covered a lot of information and discussion at the last meeting. We decided to draft a memo for City Council on Goal 1 topic. The goal is to finish this memo during our April meetings, with a short report to Council in May. (I will continue to work on the table so its presentation ready). Councilmember Aderhold will help edit this draft.

The draft memo is attached, with line numbers. Please see page 2, Conclusion of Goal 1 Work. These are likely the two statements that need the greatest consensus amongst our group.

Requested Action: Read the memo, bring any suggested changes to the meeting. Councilmember Aderhold will wordsmith! I'm struggling a bit with the balance of providing enough information about the work we have done, but keeping it short at the same time. Suggestions welcome.

Attachments

1. Draft Memo
2. Risks Spreadsheet



City of Homer

www.cityofhomer-ak.gov

491 East Pioneer Avenue
Homer, Alaska 99603

(p) 907-235-8121

(f) 907-235-3140

To: Mayor Castner and the Homer City Council
From: Public Works Task Force
RE: Risk Catalogue and Evaluation
Date: April 9, 2021

Introduction

Resolution 20-125 set out three goals for the task force to address and make recommendations to Council. To date, the group has held x meetings. The purpose of this memo is to provide a report of our activities so far, and a request for future direction from Council.

Goal #1: Evaluate the risks of personal injury, property damage and loss of life in the event a tsunami floods the Public Works Campus.

a. Scope of work:

- i. Review the findings of the 2019 Updated Maximum Estimates Tsunami Inundation report published by the Alaska Division of Geological and Geophysical Surveys
- ii. Develop a system for evaluating risks
- iii. Catalogue and evaluate risks

b. Deliverable: Report of findings of probable Risks

Tsunami Report Evaluation

The Task Force reviewed the Tsunami report, and then heard a presentation by (Drs?) Suleimani and Salisbury, two of the report authors. The Task Force learned that even a low level of water can cause extreme damage. Unlike a typical wave, a Tsunami is like a fast flooding tide that continues for hours and hours. It carries an immense amount of debris, so between the strong flood and the amount of debris, its very damaging. The Task Force learned it is also not yet possible to calculate the probability of such a Tsunami in Alaska; there is not enough data. The likely elevation of the tsunami flood event is modeled with some level of certainty, but predicting the likelihood of such an event is not yet dependable. The Task Force concluded that the information available does not support moving the facility on the whole, but does warrant looking at mitigation measures and ways to minimize disruption to city operations. Additionally, the Task Force would like direction from Council on if the Task Force should consider the future expansion needs of the Public Works Campus, and whether further investment should be made in this location, or a new location.

Catalogue and Evaluate Risks

The Task Force developed a spreadsheet of risks by type of risk – environmental, harm to workers, harm to Public Works operations, and overall negative impacts to city services, in the event a tsunami flooded the Public Works Campus. The draft table is attached here. In addition to gathering input from

task force members, we used the All Hazard Mitigation Plan to further consider risks to the facility. The risks evaluated are specific to the Public Works campus in case of Tsunami - a regional earthquake will be felt city wide and the impacts are not specific to Public Works.

Conclusion of Goal 1 work:

1. A Tsunami large enough to inundate and severely damaging Public Works has a low probability but a high consequence of occurring. Moving the whole facility solely due to the potential for catastrophic Tsunami damage does not appear to be supported by data since probability cannot be reasonably estimated.
2. The Task Force would like feedback from Council on whether the Task Force should review the future needs of the Campus, and whether future investment should be made in this location, or in a different location.

Attachments

1. **Risks Spreadsheet**
2. **March 24, 2021 Minutes (when it goes to Council)**
3. **Resolution 20-125**

3/25/21 PWTF
Risks, Evaluation and Mitigation

| Impacted Group | Potential Risk/Outcome | Evaluation | Mitigation Options |
|----------------|--|---|---|
| Environment | Calcium Chloride storage | Flooding would have localized impact for 1 week to one month. Causes acute toxicity but would be quickly dispersed by a Tsunami | Store at a higher elevation (easy to replenish in a new location over time) |
| | Fueling depot for all city vehicles | Could cause a fuel spill | Move fuel depot? (berm depot? Berm PW?) move to old police station? |
| | Toxicity to people and the environment from chemicals stored at PW, and potential impact on salmon, shorebirds and nearby area | Some oil and hydraulic fluids are stored at PW, but in relatively low quantities (its not a tank farm). Could have short term affect but not expected to cause long term damage. Tsunami would dissipate quickly. | None needed |
| | RV holding tank storage (potential for flooding) | ?How many gallons? Is this a big deal? | |
| | Sewer treatment plant flooding and raw sewage escapement | Sewage spills, but cleanup of facility is possible | Facility can not be reasonably moved. |
| | | | |
| Workers | All PW admin and mechanics are located on site | All administrative support and operations for PW would immediately need a new location, along with work stations, phones and IT capabilities | Remote work, re-home administrative functions in other city facilities (like city hall) |
| | Workers are on site 12 hours a day, 7 days a week | | |
| | Potential loss of life, | Early Warning System provides warning, would take time for water to reach PW, and reach a flood elevation. | PW emergency operations protocol could better track who is on site or do a final sweep at evac. Threat is from the evacuation process, injury or accident during evacuation |

3/25/21 PWTF
Risks, Evaluation and Mitigation

| Impacted Group | Potential Risk/Outcome | Evaluation | Mitigation Options |
|----------------|---|---|---|
| | All employees and rolling stock is evacuated during every Tsunami event warning. Takes about 45 minutes. | | |
| | Traffic risk for workers and the public as all the rolling stock is evacuated | PW is able to provide its own flagger and traffic control if needed. Is not a pinch point for evacuation operations for staff or the public. | ~Evac goes pretty well because we do it fairly often. HS is a problem because equipment and public are meeting. Evac to Hazel is closer, quicker, and have fewer traffic conflicts. Can use a flagger if needed. Equipment evac is smooth; it's the pipes valves tools that cant be evacuated |
| | | | have started some stashes of water valves etc but don't have pipe storage, etc. |
| | | | |
| Notes: | | | need to always move? |
| | how could PW staff be helping if they were not moving equipment? How could they be helping with response? | ~traffic control! Monitor water/sewer infrastructure, could be helping dispatch and other emergency responders. Could help evacuate low lying areas, or spit equipment. Could revise emergency management plan so PW is a resource, and better plan for utilities | |
| | | | |
| | | | |

3/25/21 PWTF
Risks, Evaluation and Mitigation

| Impacted Group | Potential Risk/Outcome | Evaluation | Mitigation Options |
|-----------------|--|--|--|
| City operations | Loss of fueling depot | Immediate need to switch to local service stations. Likely to have fuel shortages for our rolling stock, including ambulances and fire trucks. | Backup fuel storage in another location, move fuel island. Needed for all disasters... supply chain... |
| | Loss of PW mechanic services due to loss of personal and city tools, parts, materials and shop space | There is substantial investment in the mechanic shop that would be difficult to replace on short notice | Hire out repair services (light vehicles only)? May not be available or have the expertise needed for emergency vehicles. Short term solution only? |
| | | | PW building is insured for \$2,500,000, with a \$250,000 deductible |
| | Disruption to sewer treatment operations | Cleanup would be required, but the facility could be repaired | Not looking to relocate because the alternatives are not feasible. Any other mitigation? Berm? Or causes more problems? Slow water velocity into facility, reduce outflow of sewage into the slough. Raw sewage is in the building. Do berms work in tsunamis? ~are there examples? What would happen to the building? swept off of foundation? The deep shafts would remain... may need repair/electric etc but the concrete shafts are stable. |
| | Loss of all PW administrative offices | Loss of historical files, including all city projects, paper plans are not replaceable... decades of projects..... | Scan plan sheets - intern or contract to scan all that. |

3/25/21 PWTF
Risks, Evaluation and Mitigation

| Impacted Group | Potential Risk/Outcome | Evaluation | Mitigation Options |
|----------------|---|--|---|
| | Radio and communication systems would be impacted | PRV stations/water system impacted Reduction in city phone service redundancy which could affect non-emergency phone calls to dispatch | ~losing electronics for PRV and lift stations means losing the ability to identify leaks, water breaks, and pump water and pump sewers. Would require people on the ground to do it manually. |
| | Ability to supply bulk water would be reduced | ? Need to see how many and where other bulk water supply points are | |
| | | | |
| | Loss of rolling stock | PWTF: How do we quantify - value? Ease of replacement?~ Higher value stuff roll first, lower value stock does not moved - stuff on a trailer, or harder to move like the asphalt machine. Easy to move stuff goods, equipment that does not move does not get evacuated. | Quantify what is not rolling: 20-25% of equipment might not be moveable (repairs, etc) A few supplies would be frozen in although most are under sheds |
| | ~parks equipment doesn't move - lawnmowers, brush cutters, snow blowers, bobcat...signs etc | | |
| Equipment | Loss of sand pile | Would not be able to sand roads. Use stockpile for road and water and were repairs, especially in winter. Would hinder repair capability. Calcium chloride make sit a usable pile year round | Store sand pile in a different location |
| | Loss of other equipment and materials | Loss of culverts and other materials used for repairs | Consider storing some items (say in a connex) on higher ground. |

3/25/21 PWTF
Risks, Evaluation and Mitigation

| Impacted Group | Potential Risk/Outcome | Evaluation | Mitigation Options |
|----------------|---|---|--|
| | Loss of motor pool equipment shop | elimination of capacity to fix police and fire vehicles, could lose whatever apparatus is currently under repair such as an ambulance, port | |
| | Leaving equipment in an unsecured area after evacuation leaves it vulnerable to vandalism | ~right now, there are people on site most of the time, site is unsecured. Pipes etc. are more secured (connexes) | ~game cameras? ~Equipment is out of sight, out of mind, so people don't see the equipment. If its moved to Hazel, its much more visible to people. Emergencies bring out the best and worst in people. |
| | After initial phase, could equipment go someplace else (mitigation) can we re-house it around the city? Effect on operations? | | |
| | | | |
| | PW operations: would library become PW operations location? Does city emergency response plan need to be reviewed? | (Coop plans, internal IMC,) | |
| | | ~impacts to systems, operating plans, what happens after the disaster? PW need for incident management plan, working on one. But its focused on where the buildings are located. Need to address location as a longer term issue. | |

From: [Larry Slone](#)
To: [Renee Krause](#); [Larry Slone](#)
Subject: Re: PWCTF Working Agenda and Laydowns
Date: Wednesday, March 24, 2021 4:11:20 PM

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Renee,
Ple

After listening to other TF member's response to my Motion to create a Public Works Inundation Probability Model, I now agree that the raw date is too nebulous to serve as a basis for determining risk. The best the TF can provide is a general risk assessment, such as "low/medium/high.

I believe there was consensus from those attending in Donna's statement of "low risk/high consequence".

But I think it appropriate for the record, with respect to the Resolution's directive that the TF determine Risk, that we formally adopt – perhaps in the form of a motion - Donna's statement (or a similar one).

Larry
ase pass on to PWCTF.

On Wed, Mar 24, 2021 at 3:00 PM Renee Krause <RKrause@ci.homer.ak.us> wrote:

Attached please find the Working agenda formerly called the Chairs Agenda and the materials provided by Julie.

Renee Krause

Renee Krause, MMC
Deputy City Clerk
ADA Coordinator
City of Homer
491 E Pioneer Avenue
Homer, Alaska 99603

907-235-8121 ext 2224

907-235-3143 Fax

rkrause@ci.homer.ak.us

www.cityofhomer-ak.gov

Please note that any and all emails are subject to public records requests. Information on Alaska's Public records Laws can be found in AS 40.25 and in Homer City Code 2.84.

**CITY OF HOMER
HOMER, ALASKA**

City Manager/
Public Works Director

RESOLUTION 20-125

A RESOLUTION OF THE CITY COUNCIL OF HOMER, ALASKA,
CREATING A PUBLIC WORKS CAMPUS TASK FORCE AND
ESTABLISHING THE SCOPE OF WORK AND PARAMETERS UNDER
WHICH THE TASK FORCE WILL CONDUCT ITS WORK.

WHEREAS, In 2019, the Alaska Division of Geological and Geophysical Surveys published
updated Tsunami Inundation Maps for Homer; and

WHEREAS, The information for these maps was derived by numerically modeling worst-
case scenarios of inundation from tsunami waves generated by earthquakes and submarine
landslides, including local underwater slope failure scenarios for Kachemak Bay; and

WHEREAS, The maximum landslide-generated tsunami, as modeled, shows the existing
Heath Street campus of the City's Public Works Department could be flooded by as much as
16.4 – 32.8 feet; and

WHEREAS, Under some scenarios, the first wave could appear within one hour after the
earthquake and further, landslide-generated waves could hit low-lying areas while the ground
was still shaking from an earthquake; and

WHEREAS, Currently, when a Tsunami Warning is issued, Public Works personnel
immediately begin evacuating major pieces of heavy machinery and other mobile equipment
from its campus to higher ground and the evacuation process takes at least forty-five minutes;
and

WHEREAS, The Department does not currently evacuate materials and supplies, which
would be needed in the event an earthquake or tsunami causes damage to the City's water,
sewer or road infrastructure; and

WHEREAS, The estimated costs to properly prepare for such recovery, by creating
stockpiles of necessary materials, supplies and equipment, would be substantial; and

WHEREAS, For these reasons, risks of personal injury, property damage and even loss
of life could be high, either during the tsunami event itself or during recovery.

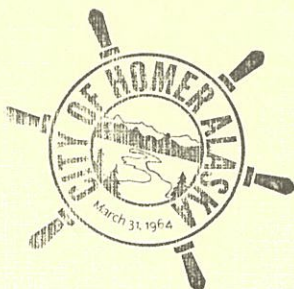
NOW, THEREFORE, BE IT RESOLVED that the City Council of Homer, Alaska, hereby creates the Public Works Campus Task Force for the following purposes:

1. Goal #1 – Evaluate the risks of personal injury, property damage and loss of life in the event a tsunami floods the Public Works Campus.
 - a. Scope of Work –
 - i. Review the findings of the 2019 Updated Maximum Estimated Tsunami Inundation report published by the Alaska Division of Geological & Geophysical Surveys
 - ii. Develop system for evaluating risks
 - iii. Catalog and evaluate risks
 - b. Deliverables – Report of Findings of probable risks
 - c. Timeframe – Report to be submitted by January 31, 2021
2. Goal #2 – Develop strategies for mitigating identified risks
 - a. Scope of Work –
 - i. For each risk identified under Goal #1, identify strategies for mitigation, including estimated short term and long term costs
 - b. Deliverables – Report summarizing strategies and cost estimates
 - c. Timeframe – Report to be submitted by February 28, 2021
3. Goal #3 – Make recommendations.
 - a. Scope of Work –
 - i. Develop system for evaluating strategies
 - ii. Evaluate strategies
 - b. Deliverables – Report summarizing evaluation process and identifying preferred options
 - c. Timeframe – Report to be submitted by March 31, 2021

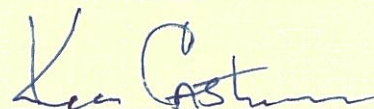
BE IT FURTHER RESOLVED the Public Works Campus Task Force will be made up of 7 members, with 3 City Residents, 2 Councilmembers, and 2 City Staff.

BE IT FURTHER RESOLVED, The Mayor will nominate appointees to the Task Force from a list of applicants; nominees must be approved by City Council. All appointees shall serve at the pleasure of the Council and may be removed from their position by a majority of the Council at any time without cause.

PASSED AND ADOPTED by the Homer City Council on this 23rd day of November, 2020.



CITY OF HOMER


KEN CASTNER, MAYOR

85 ATTEST:

86

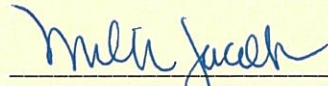
87

88

89

90

91

A handwritten signature in blue ink, appearing to read "Melissa Jacobsen", is written over a horizontal line.

MELISSA JACOBSEN, MMC, CITY CLERK

Fiscal Note: Staff time and advertising.



City of Homer

www.cityofhomer-ak.gov

Office of the City Clerk

491 East Pioneer Avenue
Homer, Alaska 99603

clerk@cityofhomer-ak.gov

(p) 907-235-3130

(f) 907-235-3143

Memorandum

TO: PUBLIC WORKS CAMPUS TASK FORCE

FROM: RENEE KRAUSE, MMC, DEPUTY CITY CLERK

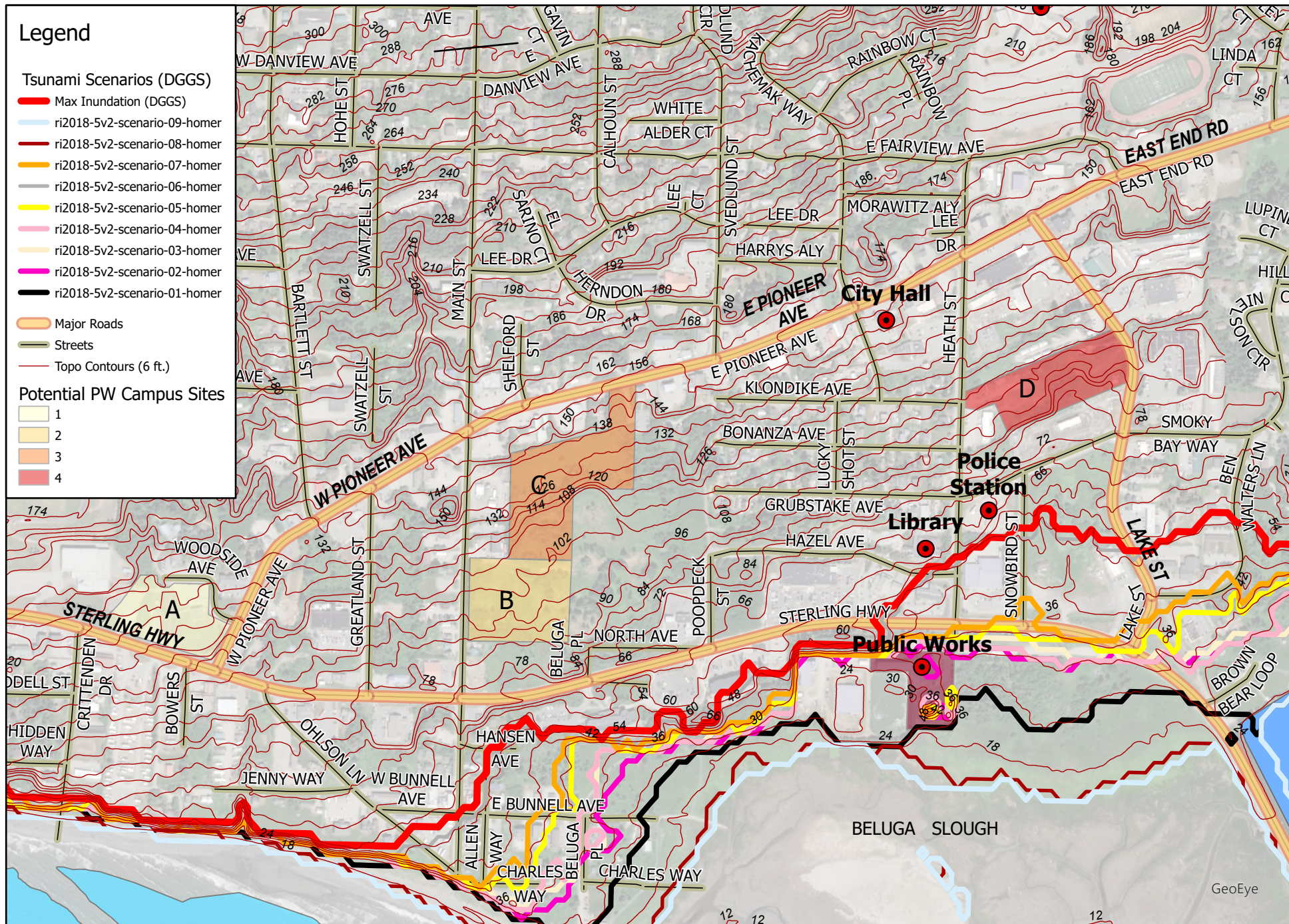
DATE: MARCH 3, 2021

SUBJECT: REVISED SCOPE OF WORK TIMELINES AND MEETING DATES

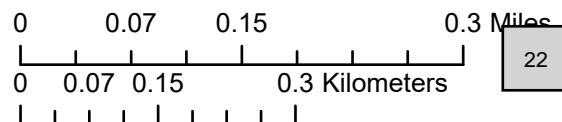
Below is the revised meeting schedule and report timelines as approved by the Task Force.

This is informational only at this time since Council has yet to approve the revised dates.

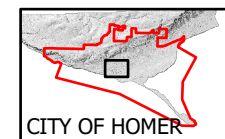
| Initial Report Date | Task | New Report Date | Meeting Dates | |
|---------------------|---|-----------------|--|--|
| January 31, 2021 | Report of Findings of Probable Risks <ul style="list-style-type: none">- Catalog & Evaluate Risks- Develop System for Evaluating Risks- Review Findings- Draft Report | April 12, 2021 | 2/10/21 Reg Mtg 2/18/21 WS 2/24/21 Reg Mtg 3/10/21 Reg Mtg 3/24/21 Reg Mtg | COMPLETED COMPLETED COMPLETED COMPLETED |
| February 28, 2021 | Report of Strategies including Cost Estimates <ul style="list-style-type: none">- Identifying Strategies for Mitigation of Risks Identified<ul style="list-style-type: none">o Short & Long Term Costs for mitigation strategies- Draft Report | May 10, 2021 | 4/14/21 Reg Mtg 4/28/21 Reg Mtg 5/12/21 Reg Mtg 5/26/21 Reg Mtg | |
| March 31, 2021 | Report on Evaluation Process and Identifying Preferred Options <ul style="list-style-type: none">- Develop system for evaluating strategies- Evaluate strategies- Draft Report | August 9, 2021 | 6/9/21 Reg Mtg 6/23/21 Reg Mtg 7/14/21 Reg Mtg 7/28/21 Reg Mtg | |



Map Date: 03/18/21
 Data Sources: KPB, COH,
 DGGS (GIS data, elevation),
 DGGS Report: RI 2018-5 v. 2
 Esri satellite imagery 2020.
 Map by: C.E.Barnwell



City of Homer
 PUBLIC WORKS SITE TASK FORCE
 MAP 1 - TSUNAMI RISK ZONES





Map Date: 03/18/21
Data Sources: KPB, COH,
DGGS (GIS data, elevation),
Esri satellite imagery 2020.
Map by: C.E.Barnwell

Major Roads
Minor Streets



0 250 500 1,000 Feet
0 55 220 Meters

City of Homer
PUBLIC WORKS SITE TASK FORCE
MAP 2-- DETAIL