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MEMO

DATE: July 8, 2022

TO: Mayor and City Council

FROM: Spencer Nebel, City Manager

SUBJECT: Status Report for the Six-Week Period Ending Friday, July 1, 2022

It is hard to believe that six weeks have passed since I have prepared the last status report. It is nice that we take a break by holding only one meeting in July. This is a good time to catch up with a few routine matters, including this status report! Since I have been working from home due to recovering from COVID-19, it has helped me catch up on a number of other priorities, as well.

Highlights of activities over the four weeks include the following:

- Held a bi-monthly meeting with Mike Cavanaugh to discuss Parks and Recreation issues.
- Participated in an OCCMA Board special meeting and an OCCMA Board and executive session.
- Held bi-monthly meetings with Jason Malloy, Rob Murphy, and Lance Vanderbeck.
- Participated in a meeting on various services provided by AT&T for emergency responders.
- Peggy Hawker, Erik Glover, Barb James and I participated in an interview for the Deputy City Recorder position. We currently have a candidate in background. Once the report is received, we will review it and be able to make a decision on filling this position.
- Participated in the third Budget Committee meeting with members of Council and the Budget Committee. It is always a happy day to get through that final budget meeting. I appreciate the efforts of all of the citizen Budget Committee members, as well as the City Council members in working through the four meetings each year. I also want to express appreciation to all of the Department Heads, and particularly, Acting Finance Director, Steve Baugher, for his effort at getting us through the budgeting process while filling in as Finance Director and maintaining his responsibilities as Assistant Finance Director. This was a challenging time, but I think we ended up with a good budget at the end of the processes!
- Held a bi-monthly meeting with Laura Kimberly to discuss Library issues.
- Met with our consultant and Recreation Center staff on the Parks and Recreation

Business plan. This plan was presented to the City Council at the June 6 Council meeting.

- Met with Anita Albrecht, Scott Bernards, and Councilor Jacobi regarding City Hall landscaping issues. We have funding appropriated for upgrading the landscaping around City Hall. Anita will be developing a landscaping master plan to begin implementing certain aspects of this work.
- Participated in the May YBEF meeting. Our presentation was on the wave energy project located off of Seal Rock. Construction has been completed on the laying of an undersea conduit along with the connection of that conduit to onshore electrical facilities. This will allow the pilot wave energy projects to be tested and generate electricity that will be sold on the grid.
- Mayor Sawyer, Peggy Hawker and I met with Lisa Trevino from the League of Oregon Cities to plan the Oregon Mayors Association Conference that will be held in Newport in August. We are pulling the final details together for this event.
- Met with Barb James to discuss a number of personnel issues.
- Peggy Hawker, Erik Glover, and I met to discuss the division of duties that will need to be addressed by Erik as Assistant City Manager/City Recorder and the Deputy City Recorder position. This will be helpful in determining the fit of the candidate for this position. During the interview process, it was clear that we needed to refine the responsibilities of what our expectations are for the Deputy City Recorder position.
- Derrick Tokos, Peggy Hawker and I met regarding the two tours that will be provided to the Mayors Association attendees while they visit Newport. One will focus on the use of Urban Renewal over the years, the second tour will focus on rebounding of the economy with tourism in Newport. Peggy is also putting together the Amazing Newport race where individuals will have to solve riddles and take their picture in front of various notable locations in Newport. We did this for the Oregon City Managers Association in 2019 and it was well-received by that group. Furthermore, we have refined the plans for the welcome event that will take place at the Newport Aquarium during the first night of the conference.
- City Hall was closed on Monday, May 30 in observation of Memorial Day.
- Barb James, Dave Powell, Aaron Collett and I participated in planning for the upcoming negotiations for the Newport Employees Association.
- Barb James, Rob Murphy and I met to discuss an error that was made in the starting salary of one of our employees. The classification was wrong on the job offer letter. We are appreciative that the new employee completely understood the mistake which resulted in the salary being reduced from what was indicated on the job offer letter.
- Rob Murphy and I met with Andy Parker and Chris Rampley from the IAFF for a labor management meeting. We are trying to schedule labor management meetings with the firefighters on a semi-regular basis.
- Mike Cavanaugh, Laura Kimberly, Jason Malloy and I met with representatives from the County on status of our harm reduction activities within the City. The County was very happy with the cooperation they have had from the Library who has been distributing Naloxone drug kits (reverses opioid overdosing) from the checkout desk, and providing free condoms in the restrooms. These are part of the

health department's efforts to reduce communicable diseases and fatal drug overdoses.

- Held a bi-monthly with Aaron Collett to discuss various Engineering issues.
- Met with Dave Powell, Justin Scharbrough and Shannon Monroe to discuss a sewer concern with the residents located on NE 5th. In reviewing the problem, the lateral is tied directly into the bottom of a manhole at the flow level. This is problematic in two ways; one, we do not allow lateral lines to be tied directly to manholes, and this lateral line is right at the flow level, so there is more of a tendency for it to plug when solids collect in the manhole. Furthermore, the lateral line has been repaired a number of times over the years and has different angles and materials used in the line. Our recommendation is that the property owner consider replacing their lateral line and tie it directly into one of two sewer lines that are in proximity to the home.
- David Allen, Erik Glover, Steve Baugher and I met to discuss the distribution of opioid funds to cities as part of the settlement of the class action suit. David Allen has taken the lead to make sure that all of the necessary documents and agreements have been signed and submitted, making Newport eligible to receive the funds. The Council has approved the appropriate authorization forms to have the City accept the funds directly, and Steve Baugher has set up a necessary system so the funds can be wired to the City of Newport. We will need to follow up with our plan for use of these funds. The Council has directed us to work with Pacific Communities Health District to consider utilization of the funds for the rehab center they are proposing to build in Newport. This appears to be an eligible use of the funding which will be received by the City over a number of years.
- Mayor Sawyer and I participated in the ribbon cutting for the Children's Department at the Library on June 1. Laura Kimberly and Library staff held a very nice event celebrating the reopening of this important space at the Library.



- Prepared agenda items for the June 6 City Council meeting.
- Held bi-monthly meetings with Richard Dutton and Mike Cavanaugh to discuss their individual department issues.
- Mike Cavanaugh, Peggy Hawker, Derrick Tokos, Jason Malloy and I met to review a number of documents to try to better manage homelessness camping. These items were presented to Council at the June 20 Council meeting.
- Presented a plaque to Bob Fuller on his retirement on Friday, June 3. Bob worked for the City of Newport in a variety of capacities over a 20-plus year period. We wish Bob well in his retirement.
- Met with Barb James to discuss personnel issues.

- Mike Cavanaugh, Scott Bernards, Anita Albrecht and I met with Doretta Smith regarding the condition of the landscaping surrounding the city-owned lot located on the northwest corner of Hurbert Street and US 101. Since that time, Parks has had an opportunity to go and significantly clean up the unpaved areas surrounding the park.
- Verena Winter from HDR Engineering coordinated a follow-up meeting on the guidelines the City will need to follow to obtain the necessary water rights from Big Creek to facilitate the new dam and reservoir. The water rights process has a number of twists. In order to secure the water rights for the new dam, Adam Sussman, our water rights attorney, has indicated that the legislature has considered, although never adopted, rules for transferring existing water rights with the current conditions to a new reservoir. While it would seem logical to argue that the existing storage rights we currently have behind the upper dam will remain, there is a question as to how the State will address that issue, which may require the City to seek a new water right(s) for all of the water that is captured and stored in the new reservoir. The primary disadvantage of the new water right is that there may be additional conditions attached that do not exist on our current rights. Funding from the State will be used to work our way through these processes.
- Met with Del Lockwood on final planning for the Cascadia Rising exercises that the City participated in.
- Met with Barb James on the newly-funded positions in the fiscal year budget beginning July 1, 2022.
- Held a routine Department Head meeting.
- Met with the City Council in work session on the status of the wastewater treatment plant master planning project.
- Participated in the regular June 6 City Council meeting.
- Held a bi-monthly meeting with Steve Baugher to discuss Finance Department matters.
- Mayor Sawyer, Mike Cavanaugh and I met with Josh Conrad from Best Western regarding the potential availability of providing beach wheelchairs at Nye Beach. Mike has submitted a grant application that would provide a container and beach chairs that would be accessible through an app. We would plan to position this unit at Nye Beach. Users of the wheelchairs would be able to access the wheelchair by utilization of an app. This would make wheelchairs easily accessible at the location that would be most desirable for use. We recently discovered that the Friends of the 60+ Center purchased a beach wheelchair just prior to Peggy O'Callaghan's retirement. This has been in the basement of the Center since it was purchased. We attempted to find a place that could house it (i.e. the Visual Arts Center, or other locations where the chair could be borrowed). We were unsuccessful in finding a location to house it. We expect to hear on the grant later this summer that would provide housing for this chair and other beach wheelchairs.
- Derrick Tokos and I reviewed requests from ODOT for an easement across city property as part of the Moolack slide control project. This project will drain an area to the east of US 101 and adjacent to the City's former landfill site in order to reduce the ground water that causes the slides to activate. We have executed an easement to allow ODOT to utilize a strip of city land for this project.

- Held a bi-monthly meeting with Derrick Tokos to discuss various Community Development issues.
- Mayor Sawyer, Aaron Collett, Steve Stewart and I provided an overview and a tour at Big Creek Dams to Alek Skarlatos and his staffers on June 7. It was a good opportunity to build support for funding of this project from both congressional candidates for this newly configured 4th District. Invitations were extended to both the candidates of the 4th Congressional District to tour the dam. Alek Skarlatos indicated his conceptual support for funding this type of project. He understood the critical nature of this type of infrastructure project to the community like Newport. Following the dam tour, we did a quick tour of Newport through Nye Beach, the Bayfront, and back to City Hall. They were appreciative of the discussion on the dam and the community tour. We appreciated the time they took from their schedule to learn more about this critical project.
- Met with Tia Cavender to discuss our various contracts and activities with Dig Deep Research.
- Mayor Sawyer, Tia Cavender and I met with Kurtis Barker, the new General Manager for the Siletz Tribe, regarding the Big Creek Dam. The Siletz Tribe will be an important partner as we go through the various environmental reviews and water rights for this project. The Tribe has been very supportive of partnering with the City on a number of factors to address the fish passage issue in Big Creek. Furthermore, the Tribe is supportive of the City reducing its reliance on the Siletz River as a water source, particularly during the summer months. Kurtis has been with the Tribe in various capacities for a number of years, and was hired to assume the general manager's position this spring.
- Thursday, June 9, we conducted our Cascadia Rising drill. Councilor Jacobi and Peggy Hawker determined that there is a fair amount of room under the Council dais to seek cover during an earthquake. Everyone evacuated the building after five minutes of cover, and via radio, contact was made to other City work locations to determine the status of our employees throughout the City. Overall, it was a good practice exercise to prepare for a seismic event.
- David Allen, Dave Powell, Derrick Tokos, Peggy Hawker and I met to discuss the claim of damage to a vehicle from a city water valve located in proximity to the Wilder Dog Park. This claim has gotten complicated since the City has a utility in an easement across Wilder property, and a lease for the dog park. This has led to some modifications to the lease between the City and Wilder regarding the dog park since the area leased by the City is not clearly indicated in the current agreement. We appreciate Wilder's support to provide land to the City for the dog park, and other recreational facilities, adjacent to the Wilder Subdivision.
- Peggy Hawker and I met with Lisa Trevino from the LOC to continue planning efforts for the Mayor's conference.
- Participated in an OCCMA Bylaws Committee review meeting.
- David Allen, Richard Dutton, Derrick Tokos and I met with Matt Updenkelder regarding the ongoing discussions with PUD on the underbay crossing. The City is in partnership for our fiberoptic network with Coastcom (Astound). We are trying to work out a fair compensation for PUD's use of one of the underbay conduits.

- Peggy Hawker, Erik Glover and I met with Paul Schuytema and Leslie Palotas to discuss contracting through the Economic Development Alliance of Lincoln County. This would be for various Vision 2040 outreach services that would be provided by Leslie on a contractual basis. This agreement was before City Council and Council has approved the agreement.
- Held bi-monthly meetings with Steve Baugher and Peggy Hawker.
- Participated in a meeting coordinated by Ariel Nelson, Lobbyist for the LOC, on House Bill 4123 funding for eight demonstration projects in rural counties in Oregon. The LOC will be sponsoring these check-in meetings among the eight demonstration projects, and will be creating a page on the LOC website to share information among the eight pilot communities. This should be a good resource for City of Newport and other Lincoln County units of governments participating in this project. The County will be receiving \$1 million and will be obligated to use this funding for a number of things, including developing a five-year countywide homelessness management plan under this program. In discussions with County Board Chair, Claire Hall, I offered to host a meeting of the local governments at City Hall. After listening to the various presentations, it seems that Lincoln County is a little behind the eight ball on this project, along with a couple other counties. I think we are in a good position to get caught up with this very important effort.
- Participated in an orientation meeting including folks from the Surfrider Foundation and Public Works Director, Dave Powell. The purpose of this meeting was to bring Dave up to speed on the historic efforts that have been underway between the City and Surfrider to monitor stormwater in the City. The Foundation has been very pleased with the City's active engagement to address the stormwater quality issues.
- Held a meeting with Anita Albrecht, Scott Bernards, Bri Goodwin, and Consuelo Kammerer regarding the Surfrider rain garden on the south side of City Hall. There were a number of questions as to the status of this garden and who is responsible for it. Bri Goodwin indicated that she did research and has determined to the best of her ability, that there are no standing commitments between Surfrider Foundation and the City of Newport regarding the maintenance of the garden. Consuelo had initiated some plantings on both ends of the garden. There were questions as to whether the intent for the garden was only for native plants. Consuelo indicated that the plants she initiated were not native plants because this is a fairly harsh area and most native plants will not survive. At the conclusion, it was determined that the City is free to maintain the garden as they see fit, and Consuelo opted to back out of ongoing responsibilities with this site. We will need to develop a long-range plan to better maintain this area.
- Rob Murphy, Tom Sakaris, Barb James and I met to discuss temporary firefighting staffing at the Fire Department. We developed a memorandum of understanding for consideration by the IAFF to try to address temporary staffing as we work to recruit permanent staffing for the department. As you are aware, we have had two resignations of full-time firefighters who have accepted other jobs elsewhere. These resignations were effective beginning this summer, with a third firefighter who is on work restrictions through summer due to health issues. This leaves us one person short on each of the three shifts. Our intent is to add a temporary firefighter to each of these shifts through the course of the summer, and utilize both

regular and temporary staff to fill vacancies which occur caused by illness or vacations. We will meet with the IAFF to finalize this agreement.

- Along with members of Council, I participated in the Cascadia Subduction Zone open house held at the Lincoln County Fairgrounds. It is remarkable the progress that has been made by emergency services since the last Cascadia exercise about five years ago. Technology continues to change, and I believe that the County is keeping up with use of this technology to meet our emergency needs.
- Met with Jason Holland in our regular monthly meeting on matters between the City and OCCA. Jason indicated that on the advice of the architects, they will be holding off on bringing a package before Council for bidding until this fall. Since this work is primarily interior work, and due to the cost of construction, this may be a better time to tackle this project. Jason will be preparing a report to update Council on the project status later this summer.
- Participated in the ICS/EOC refresh training that was done prior to the Lincoln County Cascadia Rising exercise.
- Along with Department Heads and other staff, participated in the Cascadia Rising exercise. This was a well-organized event that had participants from virtually all the Cities, the Tribe, and other organizations within Lincoln County. There was also a significant presence by the State of Oregon at this exercise. This was a great opportunity for City staff to interact with each other, and to provide the information that was required for this exercise. It allowed us to see where we were prepared, and to see where more preparation is needed to be better prepared for an emergency.
- Participated in a tour of the new Christian Science reading room located at 14 SW Nye Street. John Lavrakas was very complimentary toward the Community Development (Building Department) for the assistance they provided to the church to find effective ways to address code issues for this building.
- Participated in a monthly lunch meeting for Lincoln County Managers. We are getting more participation as city managers get settled in the different cities in Lincoln County. Daphnee Legarza from Lincoln City, Tim Johnson from Lincoln County, Kurtis Barker from the Siletz Tribe, and Judy Richter from Toledo, along with the Lane County Council of Governments (LCOG), all participated at the lunch hosted at City Hall.
- Prepared the various budget cover memos and other agenda items for the lengthy agendas scheduled for June 20.

Along with other staff members, participated in a Cascadia Rising exercise in our Emergency Operations Center in City Hall. This included use of shortwave radio to communicate specific information to the County. This again was a good exercise



to conclude our group participation in the Cascadia Rising exercise.

- Held bi-monthly meetings with Richard Dutton and Mike Cavanaugh to discuss department issues.
- Participated in an interview with the consultant working for the Ford Family Foundation on the impact that their funding had on the City visioning process.
- Derrick Tokos, Aaron Collett, Dave Powell, Rob Murphy and I discussed the narrow street standards that are part of the Transportation Master Plan. Aaron and Rob had expressed their concerns with the narrowest standards that are proposed for street segments in the plan. As a result of our discussion, it was the consensus that the narrowest criteria could be used in existing subdivisions and plats when those streets are being reconstructed, however, these standards would not be utilized in new subdivisions. New subdivisions would need to use the next size up for narrow streets should the proposed street segments qualify for that standard. The Transportation Plan will be before Council on July 18 and will include this revision from the draft plan.
- Met with Barb James to review the status of our recruitments and filling of positions. Barb will also be preparing a report for the Council work session on July 18 regarding the status we have made in addressing diversity in our recent hires.
- Held a routine Department Head meeting.
- Checked out the “Whale Run” food delivery emergency exercise at the airport. Planes flew in supplies that were loaded off the planes into a delivery vehicle for our local food bank. This exercise was demonstrating how the airport would be used to bring food into the area even if small planes had to be utilized for this purpose. Four planes delivered 1,050 pounds of food. The Discovery Channel was there filming for a story they were doing on emergency responses.
- Participated in an extended work session in which Council had an opportunity to review a final draft of the Parks and Recreation Business Plan; heard an update from Municipal Judge Jeff Pridgeon; reviewed the camping ordinance, car camping on Hurbert Street, obstruction of entryways policies, and reviewed a draft exclusion ordinance that will be considered on the July 18 Council meeting. The last section of the session was discussion on employee housing.
- An Urban Renewal meeting was held after the work session to approve the supplemental budget, as well as the budget for the next fiscal year. This was followed by the regular June 20 City Council meeting in which the various budget resolutions were adopted by Council.
- Parks and Recreation Director, Mike Cavanaugh, and I met regarding the Council’s goal of providing free use of the Recreation Center by elected Council members. We will be preparing a report for the July 18 meeting for this item.
- Jason Malloy, Brent Gainer, Barb James and I met to review the budgeted Police Department positions to continue with efforts to fill these positions.
- Held a bi-monthly meeting with Derrick Tokos to discuss Community Development issues.
- Held a bi-monthly meeting with Dave Powell to discuss Public Works issues.
- Held a bi-monthly meeting with Laura Kimberly to discuss Library issues.
- Aaron Collett, Dave Powell, Steve Baugher, Linda Wertman and I met to review the processes we utilized this year for our capital outlay budget development. This was the first year that Aaron was in the position of City Engineer to work through

the budgeting process. As a result of the challenges, and also having new sets of eyes on the process, we are looking at making some modifications to the capital outlay budgeting process for this next budget preparation year. Hopefully this smooths out the process.

- Participated in a meeting with elected and appointed officials from throughout Lincoln County regarding the use of \$1 million addressing homelessness per the requirements of House Bill 4123. There was a good turnout of municipal officials for this meeting. There was a consensus to determine what cities would be participating in this pilot project before the end of July, and that the County go ahead with their request for proposals for two contract employees. One to establish the County homelessness office, and the second would focus on development of a five-year master plan to address homelessness in Lincoln County. There was also a consensus that a permanent advisory committee will need to be structured and an agreement will need to be developed between local units of governments and the various non-profit organizations, as part of this overall effort to meet the requirements of House Bill 4123. It was a productive meeting chaired by County Commissioner Hall. The committee that will be initially established will have a fairly short run of 90 days. Following that, a permanent committee and an agreement is to be prepared for consideration by those units of governments that want to participate in the full project. To help the County move this along, I have offered City Hall as a meeting location, and have offered to get notices out to the cities regarding the next steps. Lincoln City Manager Daphnee Lagarza, County Administrator Tim Johnson and I will develop a preliminary cooperation agreement of the local units of governments to hammer out these issues over the next 90 days. This agreement has been sent out to all local units of governments for their review and action.
- Rob Murphy, Barb James and I met with Andy Parker and Chris Rampley to finalize a final MOU on the use of temporary staffing for the department. This MOU has been signed by both parties.
- Chaired my second-to-last meeting as president of YBEF at the Oregon Coast Community College. Our speaker was Melissa Murphy of Business Oregon.
- Dave Powell, Justin Scharbrough and I participated in a meeting on strategies to improve our management of potholes in the City. A report will be given to Council at the July 18 meeting.
- Aaron Collett, Dave Powell, Barb James and I participated in contract negotiations with the NEA. We are making headway in certain areas.
- Mike Cavanaugh and I met with Jeff Milkes on finalizing various issues regarding the Recreation Business Plan. Any comments Council may have regarding the plan, can be forwarded to Mike Cavanaugh by July 16. Mike will be compiling those suggestions in a report that will be shared with the consultants who will then finalize the report.
- Barb James, Aaron Collett and I met to discuss the next steps with the NEA negotiations.
- Peggy Hawker, Erik Glover, Barb James and I looked at potential rental units that could be either leased or purchased for temporary City employee housing. We will be bringing a report to Council at executive session to consider the next steps.

- Peggy Hawker, Erik Glover and I participated in a photo with the artists of the banners that are hanging in Nye Beach at Mombetsu Parks. Our Sister City has been participating in the banner project, as well, and we took a photo of the banners that will be shipped to Mombetsu as part of the exchange. Artists in Mombetsu will also be preparing banners that will be shipped to Newport and displayed during the course of the late summer and fall.
- Participated in a special City Council meeting on June 27 to authorize our insurance coverage and make a final amendment to the budget.
- Participated in bi-monthly meetings with Jason Malloy, Rob Murphy, and Lance Vanderbeck regarding departmental issues.
- Peggy Hawker, Erik Glover and I went to the Maritime Museum to find a backup location for the Friday evening event for the Mayors Association. The selection we originally made was having dinner at the Rogue Brewery, however, Rogue is having staffing issues and could not commit to being able to staff a dinner at that location. The Maritime Museum might be a little tight for this event, but offers a truly great perspective of Newport. We provided this information to Lisa Trevino at the League of Oregon Cities. She will be working with the Museum to finalize these plans.
- Barb James and I worked together for several blocks of time to finalize the personnel manual for the City. We have worked our way through the first draft and are editing the second version of this document to address gaps and duplications. Once this is complete, we will be sending it out to CIS for review, then to City Attorney, David Allen, for his review. This has been a big project and we are concentrating time in the next few weeks to get this complete so the legal review can begin.
- Took a vacation day on Thursday, June 30.
- City Hall was closed Monday, July 4, in observation of Independence Day. The weather cooperated and we had a great fireworks show on the evening of the fourth.

Upcoming Events:

- The Regular Council Meeting for July is scheduled for July 18.
- Wednesday, July 20 through Friday, July 22, I am planning to attend the OCCMA Summer Conference at Eagle Crest in Redmond, Oregon.
- July 25 through August 5, I plan to be on vacation. I have been excused from the August 1 City Council meetings.
- July 26 will be the 60+ Center Accreditation party from 1 - 4 PM at the 60+ Center.
- Friday, August 17 is the LOC's Small Cities meeting at 11 AM in Lincoln City.
- August 30 is the final day to file the SEL form (candidate filing form) for Mayor, or City Councilor for the November 8 election. The terms of Mayor Sawyer, and Councilors Parker, Hall and Kaplan expire January 2023.
- City Hall will be closed Monday, September 5, in observation of Labor Day. The Council meetings will be held Tuesday, September 6.
- I will be on vacation from September 9 through September 16 to visit family prior to the Annual ICMA Conference in Columbus, Ohio.

- September 17 through September 22, I plan to attend the 108th Annual ICMA Conference in Columbus, Ohio. I have been excused from the City Council meetings on September 19.
- October 5-7 is the Annual League of Oregon Cities Conference in Bend. Council members are encouraged to participate in this conference.
- Tuesday, November 8 is election day.
- City Hall will be closed Friday, November 11, in observation of Veterans' Day.
- Friday, November 16 at 11 AM an LOC's Small Cities meeting will be held.
- City Hall will be closed Thursday, November 24, and Friday, November 25, in observation of the Thanksgiving holiday.
- The LOC will be holding their elected essentials workshops at several locations in the state, including Manzanita on November 30, Depoe Bay on December 1, and Albany on December 6. These are held after the municipal elections and are intended for newly elected officials, or as a refresher for current officials.
- City Hall will be closed half day on Friday, December 23, and all day on Monday, December 26, in celebration of the Christmas holiday.
- City Hall will be closed on Monday, January 2, 2023 in observation of the New Year's holiday. The organizational meeting for Council will be scheduled for 5 PM on Tuesday, January 3, 2023, with a regular meeting to follow.

Attachments:

- Letter to Bureau of Ocean and Energy Management expressing concerns about the process used for determining offshore areas for wind energy, as expressed in the resolution approved by the City Council last month.
- Attached is an invitation for the 60+ Center Accreditation party. This will take place July 26 from 1-4 PM. Congratulations to the 60+ Center and the Parks and Recreation Department on this achievement.
- Attached is an outline of the Lincoln County Cascadia Earthquake and Tsunami Tabletop exercise that staff participated in on June 14. As you can see, it was a well-organized full-day event for everyone. The overall experience was very beneficial for those who were able to participate.
- Attached is a letter from the Friends of Lincoln County Animals regarding their appreciation of the work that Public Works did in helping address a sewer lateral replacement project that was necessary for the Pick of the Litter Thrift store.
- Attached is a thank you card for participating in the ribbon cutting event for the Children's Department at the Library, as well as the kickoff to the summer reading program for 2022.
- Attached is a thank you card to the City of Newport for support for the Newport Public Outreach program "Newport's Diverse Paths to an American Dream". This was funding that was provided for Vision 2040 efforts to recognize diversity in the City of Newport.
- Attached is a thank you card from the City of Halsey who utilized a conference room for their staff retreat.
- Attached is a thank you card from John Lavrakas for the services of the Community Development /Planning Department that assisted the Christian Science Society of Newport in renovating a building to serve as their Christian Science reading room.

- Attached is an article out of “Stormwater”. Stormwater is a journal for surface water and erosion control professionals and they are highlighting the US 20 highway project. This story speaks about one of the most expensive road projects in Oregon history. The was the US 20 Pioneer Mountain to Eddyville project.

It is hard to believe that we are already past July 4th and I hope everyone enjoys the rest of summer.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read "Spencer R. Nebel".

Spencer R. Nebel, City Manager

cc: Department Heads

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MOMBETSU, JAPAN, SISTER CITY

OREGON

June 7, 2022

Dr. Whitney Hauer, Renewable Energy Specialist
Bureau of Ocean Energy Management
Office of Strategic Resources
760 Paseo Camarillo (Suite 102)
Camarillo, California 93010

RE: Call for Information and Nominations to assess commercial interest on potential wind energy leasing activities in federal waters off the coast of Oregon

Dear Dr. Hauer:

The Bureau of Ocean Energy Management has published a Call for Information and Nominations (Call) to assess commercial interest in, and obtain public input on, potential wind energy leasing activities in federal waters off the coast of Oregon. Publication of the Call in the Federal Register initiated a 60-day public comment period which ends at 11:59 p.m. ET on Tuesday, June 28, 2022. On June 6, 2022, the Newport City Council unanimously adopted Resolution No 3954 directing the Mayor to convey concerns about the process that will be used to consider environmental and economic impacts of leasing offshore lands for wind generation.

City of Newport recognizes that offshore wind energy could be an important part of our state and nation's clean energy portfolio, and help reduce dependency on fossil fuels. We also greatly value our commercial and recreational fishing fleets for both their economic and cultural contributions to the city, county, and the state. The city, ports and private businesses have made significant contributions to commercial fishing infrastructure to help retain our commercial and recreational fishing businesses. The City of Newport is home to a growing and vibrant marine research hub, including Oregon State University's Hatfield Marine Science Center, National Oceanic and Atmospheric Administration's Pacific Marine Operations Center, and various federal and state agencies and values the pursuit of academic research to better understand and manage our ocean and coastal resources. The City also values collaborative processes to balance the interest of all stakeholders prior to making decisions that may have critical impacts on the environment and economic resources.

The City Council requests the following considerations be taken to ensure that existing ocean users, stakeholders, and the marine environment are protected prior to offering leases for offshore wind energy, with the following recommendations:

1. The development process needs to require state and federal agencies to be transparent about the process of identifying and implementing offshore wind developments by embracing the "Oregon Way" public process that includes the Oregon fishing industry, environmentalists, coastal communities, and our state and federal political and congressional delegations. These stakeholders need a seat at the table to sit down with BOEM as equal partners, develop a marine spatial planning process with authentic discussions, conduct the requisite EIS analysis, analyze

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the real costs and benefits, evaluate test sites, and develop a rational decision that minimize costs and maximize benefits to Oregon and the nation.

2. Pending results of a comprehensive marine spatial plan, move the Call areas outside of highly productive commercial fishing areas. Data would likely show that moving outside of 1,300 meters will avoid the majority of fishing activity. These fisheries have great importance to Lincoln County and Oregon's economies.

3. Invest in better data sets to understand potential impacts of the marine environment. There are still important questions that need to be understood such as impacts to already endangered marine birds, marine mammals, and to economically important species. In the meantime, enact a moratorium on developing large scale projects until impacts can be better understood.

4. Provide information on potential environmental and economic impacts upfront, at the beginning of the process, rather than after leases have been granted. This may require conducting a comprehensive Environmental Impact Statement before leases are granted, rather than after. This would include information on cumulative impacts on projects proposed in other West Coast states, as well as transmission line impacts.

5. In the absence of a comprehensive peer reviewed economic analysis (as part of an EIS), there is no real understanding of the potential economic impacts to coastal communities and the state of Oregon, and relevant tradeoffs. If we assumed that the Call areas were completely developed, the loss of Oregon fishing revenues may total 10-20% or more of today's value. That would equate to an annual loss of \$18-\$35 million in ex-vessel value and \$45-\$90 million in local and state household income. Over thirty years (the equivalent of the life expectancy of a windmill) that would equate to the loss of more than a \$500 million to \$1 billion in ex-vessel value and \$1.4 to \$2.7 billion in household income.

6. Given the considerable fishery values generated from the Call areas, the productivity of the California Current System, and the potential impacts to marine species and ecosystems/habitats, the process should be slowed down because of significant risks and uncertainties.

7. Consider a full-scale demonstration site, similar to PacWave, but designed for full size floating wind devices. This could be a critical step in better understanding the potential impacts we mention above. Full size floating offshore wind devices do not currently exist in operation in the United States, and is limited in its operation outside of the U.S. Proving that the technology can survive here, and understanding its impacts would allow for more informed development in the future.

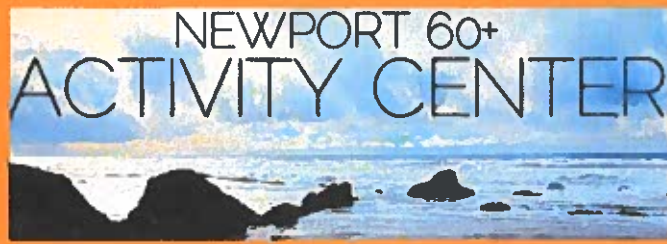
Thank you for providing an opportunity to comment on these critical issues impacting the State of Oregon.

Sincerely,



Dean H. Sawyer
Mayor, City of Newport, Oregon

cc: City Council
City Manager Spencer Nebel



YOUR 60+ ACTIVITY CENTER

ACCREDITATION

Party



**HOT
DIGGITY
DOG DAY**

**FOOD AND
DRINKS**

**LET'S FIRE
UP THE
GRILL**

MUSIC

JULY 26, 2022

1:00P.M.-4:00P.M.

20 S.E. 2ND ST., NEWPORT, OREGON

**NEWPORTOREGON.GOV
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Lincoln County Cascadia Earthquake & Tsunami Tabletop Exercise (TTX)

June 14, 2022



Tabletop Exercise Purpose

This tabletop exercise is to prepare Lincoln County emergency response and recovery community to identify essential elements of information (EEI) to prioritize fuel mission requirements and clearance routes while also documenting and managing requests to higher levels of government +6 days into an earthquake along the Cascadia Subduction Zone fault. This major scale earthquake and impending tsunami strike align to the NLE 2022 preparation goals and scenario.

Participants are to exercise familiarity and decision-making guidelines of related plans, cross-government and organizational collaboration, and response operations.

TTX Objectives

- Identify the tactical, operational, and political considerations and decisions needed to identify essential elements of information (EEI) and prioritization associated with fuel mission requirements during an earthquake/tsunami scenario.
 - Core Capabilities: Logistics; Operational Coordination; Operational Communications; Stabilization; Supply Chain Management; Restoration of Community Lifelines
- Document the collection, triage, and documentation of information required for submitting status assessments and resource requests to higher levels of government with line of succession challenges and communications outages.
 - Core Capabilities: Continuity of Essential Functions; Logistics; Operational Coordination; Operational Communications; Stabilization; Supply Chain Management; Restoration of Community Lifelines
- Identify best practices for emergency support functions (ESF) to prioritize road clearance routes and accessibility.
 - Core Capabilities: Logistics; Operational Coordination; Operational Communications; Stabilization; Supply Chain Management; Restoration of Community Lifelines

Agenda

Activity	Time
Meet and Greet/Break	9:30–10:00 a.m.
Welcome and Introductions	10:00–10:15 a.m.
Keynote	10:15–10:30 a.m.
Purpose and Expectations	10:30–11:00 a.m.
Assessment and Discussion Fuel	11:00 a.m.–12:00 p.m.
Lunch (<i>FirstNet Trailer Tour</i>)	12:00–1:00 p.m.
Assessment and Discussion Communications	1:00–2:00 p.m.
Priority Route Clearance	2:00–3:00 p.m.
Break	3:00–3:10 p.m.
Wrap-Up/Hotwash	3:10–3:40 p.m.

Feedback Form

- Please use the QR code or [this link](https://forms.office.com/r/7FxpPjSkMN) (copied below) to access today's participant feedback form
- Feedback is due by June 24, 2022
- Results will help inform the After-Action Assessment, After-Action Report and Improvement Planning



<https://forms.office.com/r/7FxpPjSkMN>



Lincoln County Cascadia Earthquake & Tsunami Tabletop Exercise (TTX)

June 14, 2022



Lifeline Driven Response

- Until the lifelines are stabilized, incident responders assess lifeline condition, establish priorities, organize lines of effort, and respond.
- Participants are encouraged to consider how the scenario will impact lifelines in their communities and identify essential elements of information to set priorities following a major earthquake and tsunami.





Lincoln County Cascadia Earthquake & Tsunami Tabletop Exercise (TTX)

June 14, 2022



Exercise Assumptions

Assumptions constitute the implied factual foundation for the exercise and, as such, are assumed to be present before the exercise starts. The following assumptions apply to the exercise:

- The exercise is conducted in a no-fault learning environment wherein capabilities, plans, systems, and processes will be evaluated.
- The exercise scenario is plausible, and events occur as they are presented.
- Exercise simulation contains sufficient detail to allow players to react to information and situations as they are presented as if the simulated incident were real.
- Participating agencies may need to balance exercise play with real-world emergencies. It is understood that real-world emergencies will take priority.
- The exercise is evaluated. Although individual organizations and participants are not graded, exercise evaluators will assess the collective performance of participating organizations in terms of their capabilities, plans, and processes.

Participant Roles and Responsibilities

- Players have an active role in responding to the simulated emergency and perform their regular roles and responsibilities during the exercise.
- Facilitators guide overall exercise play and keep participant discussions focused on the objectives of the exercise during the modules; provide additional information and resolve questions as required; and make sure different viewpoints are discussed.
- Evaluators gather data and provide feedback on designated functional areas of the exercise.
- Observers visit or view selected segments of the exercise, but do not play or perform any control or evaluation functions.

Participating Organizations

- City Government
- County Government
- Tribal Government
- State Government
- Federal Government
- Hospital
- Schools
- Public Utilities
- Public Safety based Volunteer Groups
- Public Safety Officials

Venue Details

- **Location:** Newport Armory
- **Address:**
571 SW Coast Highway
Newport, OR 97365
- **Facility POC:** Jenny Demaris
541-270-0702
vdemaris@co.lincoln.or.us
- **Wi-Fi Access:** information distributed during the exercise



Lincoln County Cascadia Earthquake & Tsunami Tabletop Exercise (TTX)

June 14, 2022



TTX Discussion Questions

Module	Table Discussion Questions
Fuel	<ol style="list-style-type: none">1. Is fuel your top resource priority?2. How long will your current fuel supply last?3. Provide critical considerations for taking action to extract and transport your fuel, without power.4. What challenges will local staff face and what can be done in advance to mitigate them?5. With the limited fuel you've identified – how are you going to triage and maximize its use.6. Identify and prioritize fuel dependent critical missions7. State agencies, considering that you have State resources locally in Lincoln County, how do you integrate that into your planning and local operations?
Communications	<ol style="list-style-type: none">1. Which essential elements of information do you need to communicate?2. How will you communicate that essential information?3. How will you establish and maintain connectivity with your next level of government and critical partners?4. How will you provide accurate and timely information to the community?
Priority Route Clearance	<ol style="list-style-type: none">1. What would be your priority route clearance lanes be, and why?2. Do your plans currently identify priority routes?3. What planning assumptions can you make regarding the readiness your organizations staff to report for duty in the days following the incident?4. How can non-governmental community members with relevant skillsets and equipment supplement response activities?5. What are the barriers that will prevent you from moving forward on route clearance priorities. (e.g.: Certifications and Wavers)6. How will you triage and prioritize fuel use when determining road clearance operations?7. How will you coordinate beach-side assessments with Naval partners?



Lincoln County Cascadia Earthquake & Tsunami Tabletop Exercise (TTX)

June 14, 2022



Overview

- A catastrophic earthquake occurred, leading to shaking, surface buckling/fissuring, and liquefaction. It caused devastating effects, including loss of life, injuries, and damage to natural and manmade environments. The earthquake generated a 30-foot tsunami which inundated the Oregon coast.

Conditions

- Real-time (actual) setting: June 14, 2022, weather, population, political climate, tourism, and reduced hotel capacity.
- The AOR experienced multiple aftershocks between 4.0–8, but at Day 6, that threat has subsided.
- Tsunami waves came ashore at varying intervals for **12 hours post-rupture**.
- All structures within several hundred yards of the shoreline have been destroyed. The coastal zone experienced great loss of life, and thousands of people are unaccounted for.
- In the State of Oregon, **11,000 people** were killed by the initial earthquake and subsequent tsunami, with **4,000** more injured and **57,000** displaced. The tsunami inundation zone includes most of western Oregon and not only caused deaths and serious injury but isolated many coastal communities. Additionally, the severe shaking and tsunami inundation caused significant damage to ground, air, and marine transportation systems in the areas of operations. (Numbers are statewide.)

Cascadia CSZ Snapshot

- 9.0 magnitude earthquake
- Direct impact to three states
- Complete rupture of an 800-mile fault line
- Impacts affecting over 140,000 sq. mi.
- Ground shaking lasting up to five minutes
- Deaths could exceed 10,000 and injuries more than 30,000
- 11 coastal counties with 46 local jurisdictions
- 9 Tribal Nations
- Extensive coastal port and airport impacts
- Estimated economic loss of more than \$81 billion
- Coastal subsidence in Lincoln County will permanently drop approximately 15'



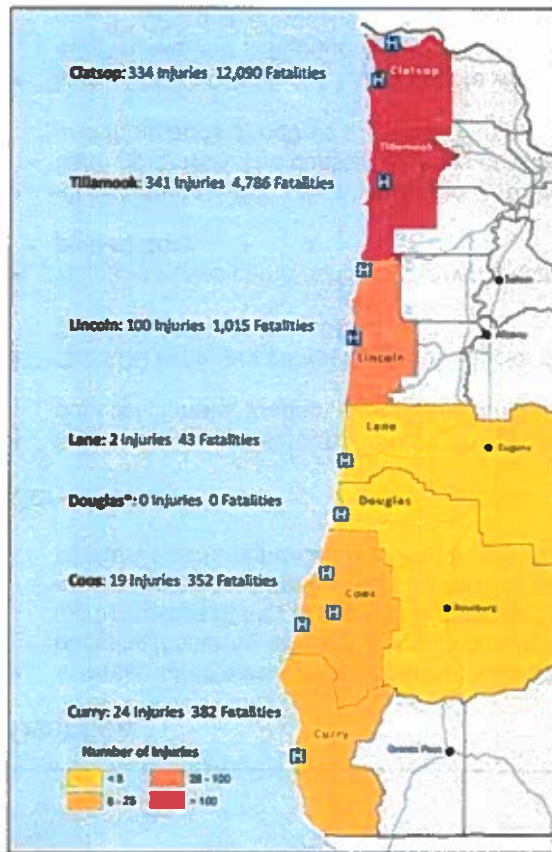


Lincoln County Cascadia Earthquake & Tsunami Tabletop Exercise (TTX)

June 14, 2022



Lincoln County Conditions



https://www.oregongeology.org/pubs/ofr/O-21-02/O-21-02_report-and-appendix.pdf

Debris and Road Closures

- The destruction of buildings in coastal Lincoln county is expected to generate ~239,000 tons (M1) to ~705,000 tons (XXL1) of debris. This equates to ~23,900 dump trucks for M1 to as much as 70,500 dump trucks for an XXL1 event (assuming dump truck capacity of ~10 yd³).
- ODOT - Road Closures Link: <https://www.tripcheck.com/DynamicReports/Report/RoadConditions>

Community Zone	Displaced Population ¹ by Tsunami Scenario		
	Medium	Large	XX-Large
Lincoln City	4,518	6,468	10,491
Gleneden Beach	528	1,223	3,467
Lincoln Beach	167	311	1,093
Depoe Bay	18	90	1,425
Otter Rock	0	5	15
Beverly Beach State Park	765	730	481
Newport	2,743	3,365	6,008
South Beach State Park	241	1,039	416
Siletz	0	0	0
Toledo	22	87	208
Seal Rock	0	94	433
Bayshore	1,570	1,843	2,269
Waldport	1,324	1,559	1,874
Beachside State Recreation Site	237	219	85
Tillikum Beach Campground	90	196	6
Yachats	889	1,977	2,538
Other ²	3,148	5,049	7,767
Lincoln County Total	16,248	24,244	38,565

Fuel Impacts

- Across the state, ports, piers and docks up and down the coastline sustain major damage resulting from shaking and multiple tsunami waves. Columbia River disruptions challenge barge traffic and the Eugene, Oregon Fuel Terminal is offline. The Portland Washington Fuel Hub is severely impacted by the event, with initial assessments advising that only 3 fuel tanks remain operational. Built in the 1960's, prior to today's seismic design standards; the Olympic Pipeline is compromised in multiple locations, halting the flow of fuel to Oregon. Of the 2400 retail fueling locations in Oregon, approximately 70% are inoperable or out of fuel. It is rare for retail fueling stations to have generator hook ups.
- Oregon Fuel Action Plan: <https://www.oregon.gov/energy/safety-resiliency/Documents/Oregon-Fuel-Action-Plan.pdf>



Lincoln County Cascadia Earthquake & Tsunami Tabletop Exercise (TTX)

June 14, 2022



Speakers



Jenny Demaris
Emergency Manager
Lincoln County Sheriff's Office
vdemaris@co.lincoln.or.us



David Callis
Exercise Program Manager
FEMA NED
david.callis@fema.dhs.gov



Willie Nunn
Regional Administrator
FEMA Region 10



Michael Harryman
State Resilience Officer
Office of Governor Kate Brown
State of Oregon



Friends of Lincoln County Animals
PO Box 2264 Newport, OR 97365
541-961-5852 folcas2009@yahoo.com
www.folcas.com



June 16, 2022

Received

JUN 16 2022

COPY

David Powell, Director
City of Newport Public Works Department
Newport City Hall
169 South Coast Highway
Newport OR 97365

Dear Mr. Powell,

I'm happy to inform you that the repair of the sewer lateral connection at the Pick of the Litter thrift store has been accomplished and our customer restroom is back in service, much to the relief of our shoppers and volunteers.

Our contractor, Central Coast Excavating, did a wonderful job, and they told us we have the Newport Public Works Department partly to thank for making it possible for them to get the job done quickly and to keep the cost under what it might have been.

We thank your staff for working so effectively to coordinate with them on the issuance of permits and other aspects of the job, including making the City pump truck available to clear sludge out of the trench to enable the installation of the new pipe.

We hope that you will visit Pick of the Litter soon (if you haven't already) to see for yourself why it is such a beloved community resource.

Thanks again for your department's help with the project.

Emily DeHuff
FOLCAS president

cc: ✓ Spencer Nebel, City Manager
Dean Sawyer, Mayor

The FOLCAS mission: To support and advance the health and well-being of domesticated animals in Lincoln County, Oregon



Friends of Lincoln County Animals, Inc. is an Oregon nonprofit corporation and an IRS 501(c)(3) charitable benefit organization, tax ID 27-0177878.

Thank you Dean and Spencer for attending the ribbon cutting and kick-off to Summer Reading 2022. We are so happy that you both made it today. Thank you for all of your support. Your Library Friend,
Lana

Thank you for your time and presence - the children have been so happy to have their space back!
Thank you so much for your support + helping make our event a success!
Sarah

Thank you for supporting the library
- Rachel

Dean + Spencer - Thanks for making time for our Grand Reopening. Linda
Thank you for coming by to support the library. It was great to see you.
- Kathryn

Thank you so much for being library advocates! We couldn't work without your generous support!
Lana

Thank you for showing up for literacy + libraries!
Enley

We Love seeing our lovely mayor and City Manager at the library! You help us make a difference and brighten people's days. Thanks for your support.
- Lillian

Thank you for your support + for celebrating with us! It was wonderful to have you here.
- Chelsey ☺

Thank you City of Newport for your support for the Newport Public Library's program, "Newport's Diverse Paths to an American Dream." ♡ Laina

Thank you for supporting this wonderful conversation!
Jan

Thank you for your constant support of the library. All the amazing things we do are only made possible by the trust and innovative spirit of the City.
-William

Thank you so much for the opportunity to have such a wonderful event discussing diversity and the American Dream
Vanessa

Thank you for supporting this community event!
-Rachel

Support from The City of Newport is invaluable,
Thank you! ♡ Emily

Thank you for supporting the library and making this event a success!
-Kathryn

Thank you for supporting our lovely community!
-Cheky

We are always so grateful for your support + encouragement of our community programming. Thank you
-Tina

Spencer - and the city
of Newport staff -

Thank you for
sharing your beautiful
space with us, for all
your help to make
the day special and fun
for us. You are amazing
hosts! Thank you!
Joley

Thank you!
-Jariisa

Thank you!
Billie

Thank you very much
for accommodating
you facility, you went
~~over~~ above and beyond!
Andy

Thank you so much for your time
and patience! Sara

Thank your fine crew for all their assistance
- Mayor Jerry

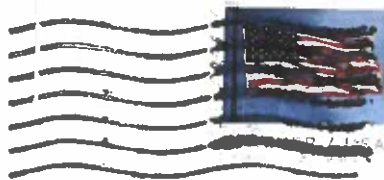
Hi Spencer,

Thanks to your fine community planning department, we were able to renovate our new church property, and now we're having an open house for our Christian Science Reading Room. We'd love it if you stop by and say hi.

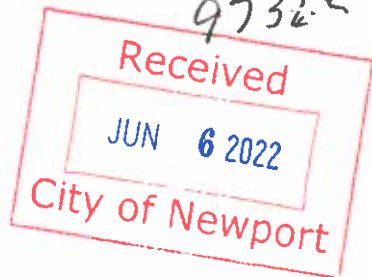
Warm regards

John Lavrakas
Christian Science
Society of Newport

Christian Science Society
14 SW Nye St.
Newport, OR 97365



Spencer Nebel
City of Newport
169 SW Coast Hwy
Newport OR
97365



STORMWATER

The Journal for Surface Water and Erosion Control Professionals

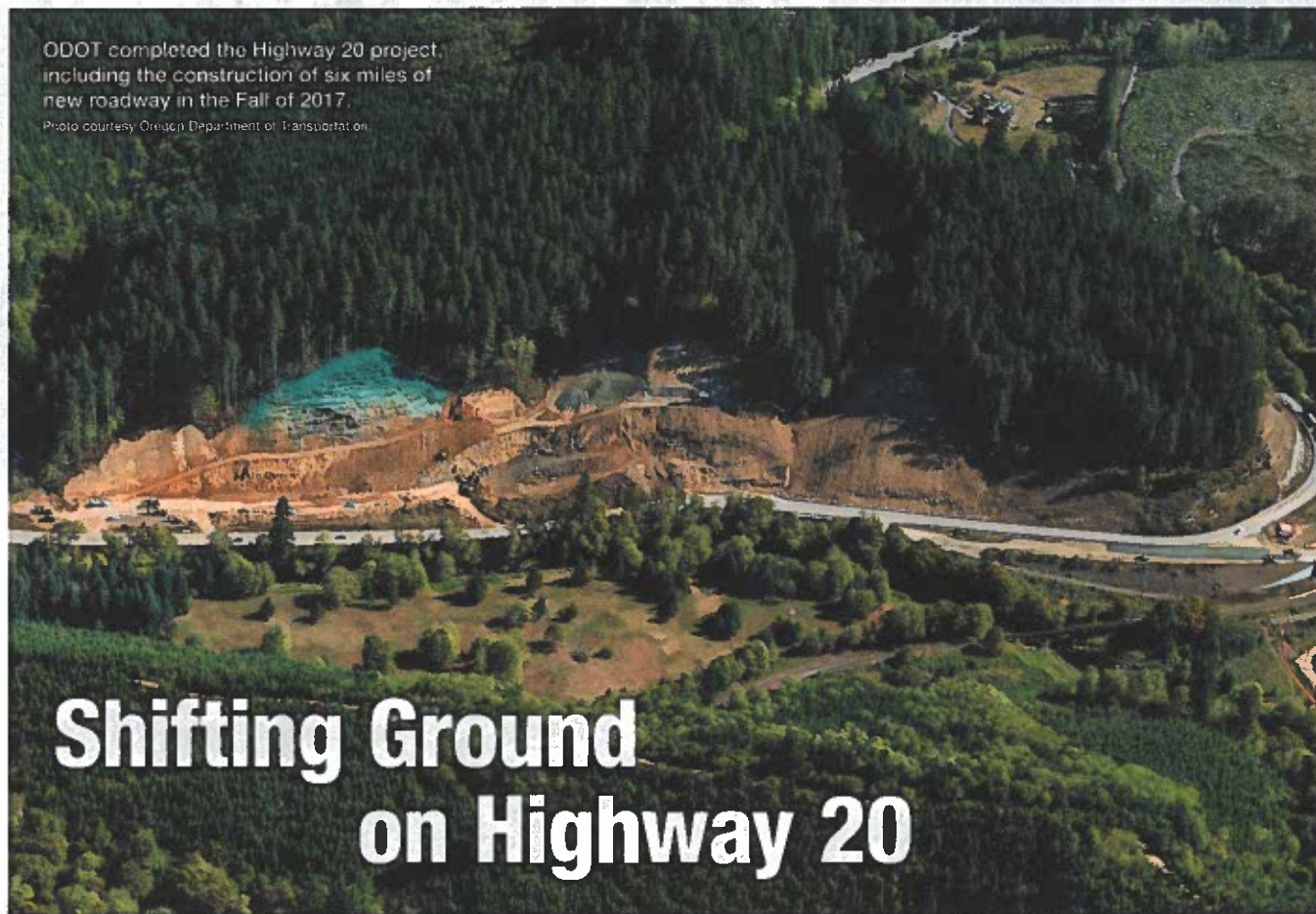
Shifting Ground on Highway 20

An Oregon erosion control
project changes course due to
challenging ground conditions

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SPENCER NEBEL MANAGER
NEWPORT CITY Urban Renewal
169 SM COAST HWY
NEWPORT OR 97365-3806

ODOT completed the Highway 20 project, including the construction of six miles of new roadway in the Fall of 2017.

Photo courtesy Oregon Department of Transportation



Shifting Ground on Highway 20

Oregon highway project recovers from landslides and severe erosion

BY JEREMY WOLFE

One of the most expensive highway projects in Oregon's history, the US Highway 20 Pioneer Mountain to Eddyville Project was first planned to simply reroute 10 miles of roadway along the state's coastline — but ancient landslides and an erosion control failure complicated things.

The original 10-mile stretch of highway was narrow with sharp curves, rolling terrain, and very little safety shoulder clearance. The region wasn't able to accommodate many interstate trucks: the Oregon Department of Transportation (ODOT) reported that each day more than 100 trucks had to travel significantly out of their way through other highways to reach their destinations.

Worse than traffic congestion and slow travel speeds, the stretch also contributed to serious safety issues. The portion was designated as a Highway Safety Corridor after it was found to have a crash rate 60 percent higher than similar state highways: between 1999 and 2014, the stretch was host to 374 crashes, 16 fatalities, and 271 injuries.

Planning the Work

With substantial support from local and regional communities, ODOT ultimately decided to reroute the corridor to make it safer and more accessible. Planning began in 2003, when ODOT decided to use a design-build approach rather than develop the project internally.

ODOT and the design-build contractor worked together to create a plan for the project. The reroute would eliminate several sharp turns in the road, with a 5.5-mile stretch of new roadway designed to pass over valleys, requiring the construction of at least 10 new bridges. The roadways would also receive six to eight feet of safety clearance shoulders on either side, along with several miles of two-lane-wide roads and passing lanes.

The area around the Yaguina River, surrounding the original route, was sensitive and home to several endangered fish. The new alignment was designed to intentionally pull away from these habitats to reduce any potential impacts on water quality.

A First Attempt

Construction began in 2005 for a contract of \$140 million, estimated to finish in 2009. However, the project would be host to several major challenges: the location was remote, with deep valleys and unpredictable landslides.

"The roadway was building in steep slopes, and it was soft soils; it was sedimentary rock," Robert Marshall, roadside development and erosion and sediment control program leader for ODOT says. "And so [the project] had all the parameters that make an erosion and sediment control project interesting."

The area received as much as 100 inches of rainfall each year, and heavy winter rains meant that, annually, only about 120 days were appropriate for this type of construction.

"This is basically a temperate rainforest," continues Marshall, "Even though I was there in the driest summer in recorded history, there was still water seeping out of the seams between the rock strata."

With all these challenges in place, erosion control was a critical factor of the project.

Ancient Landslides

As the site was being cleared and several bridges' foundations built, construction hit an unexpected problem: several landslides had occurred along the new road placement. ODOT and the contractor agreed to put construction on hold to investigate the issue.

They discovered that the area's geology had a long history of ancient landslides and that the proposed bridges had been founded on active landslide areas.

The contractor offered two geotechnical construction methods to tackle the problem: buttresses and shear keys at the bottoms of the slopes to hold the soil in place. These proposed methods would add over 700,000 cubic yards of earthwork and \$46 million to the overall project cost.

Ultimately, however, these methods did not work. In 2010, the contractor reported that the buttresses and shear keys failed to protect the project from landslides: several columns on two bridges had already become slanted. In 2011, it was discovered that one

other bridge's support sat on a slope that was moving, and that three other bridges' foundations were in question.

"You see these gigantic concrete columns at the bottom of a canyon look like the ruins of Angkor Wat," Marshall says. "And, as that was happening, the contractor had never really done work in Oregon before — and so the first thing [they] wanted to do was log it and market the timber. Well, as an erosion and sediment control specialist knows, the last thing you want is wholesale soil exposure."

In 2006, at the end of a short work season, the contractor had cleared 160 acres of forest. The contractor left the exposed, unprotected hillsides without adequate erosion control — and the winter rains that year caused large amounts of sediment to flow into local creeks and streams. By the end of the rainy season, the Oregon Department of Environmental Quality (DEQ) found 41 water pollution violations.

"The erosion was catastrophic," Marshall says. "The waters became chocolate milk, and the sediment accu-



In 2013, ODOT installed 3,216 feet of culvert to keep the area's land stable.

Photo courtesy Oregon Department of Transportation.

mulated on the river bottom to a depth of about shoulder deep: an environmental specialist put his arm into the sediment, and it went up to his shoulder. It was as bad as you can do with erosion and sediment control."

Ultimately, the DEQ fined the design-builder \$240,000, and ODOT \$90,000.

"It compromised ODOT's reputation," continues Marshall. "And, you know, that's something that's hard to earn and easy to lose."

Taking Over the Project

In May 2012, ODOT negotiated the end of the design-build contract and took control of the project. At the time, six bridges had been constructed and 2.5 miles of the new alignment had been completed. Of the original budget, \$201 million had been spent; \$15 million was returned to ODOT.

ODOT considered various options, including abandoning the unfinished project altogether. However, the

department eventually decided to finish the project, keeping the original scope. Nearly 10 years after the project received a green light to begin work, the failure of the first attempt had caused the budget to soar as high as \$365 million.

“We moved on to changing the design approach, which was [now] to fill up the canyons,” says Marshall.

To accommodate the area’s tenuous geology, ODOT’s geotechnical engineers were now driving the project.

ODOT quickly designed and contracted for the construction of Phase 1. This phase of the project included installing 70 miles of horizontal drains into the hillsides; installing blanket drains, which moved water away from slopes by providing an outlet for subsurface water; and demolishing four bridges, which sat in varying stages of completion.

In addition, the installation of hundreds of ground monitoring sensors helped ODOT take an observational approach to its project design: the instruments would help verify site conditions, allowing engineers to adjust their designs between phases.

By 2013, ODOT had designed and contracted for the construction of Phase 2, which included the construction of 29 more miles of horizontal drains, 3,216 feet of culvert to replace bridges, test fills to estimate the effects of loading, and the production and placement of 600,000 tons of rock.



With substantial support from local and regional communities, ODOT rerouted a 10 mile corridor of US Highway 20 to make it safer and more accessible, using native plants to prevent erosion in the area’s soft soil.

Photos by Greg Wastner/Land Oregon
Department of Transportation

Continued on page 32

continued from page 14

In 2015, ODOT had designed and contracted for Phase 3, to construct another 12 miles of horizontal drains, several rock buttresses, and 415 ground anchors — while removing 130,000 cubic yards of earth to make room for a mitigation site for fish and wildlife habitats.

An additional 2.5 of horizontal drains, a large culvert under the highway to function as a wild-life crossing, and a high-water refuge for small fish were contracted in 2017.

Upon completion, the project had employed over 113 miles of horizontal drains, blanket drains, trench drains, slope ditches, and under drains — as well as hundreds of check dams to reduce flow.

“We’ve been very diligent in approaching erosion and sediment control as a high priority,” Marshall says. “Not just because we want to look good to the public, but because it’s the right thing to do. We want to be responsible stewards of the environment.”



ODOT used ryegrass with straw wattles every 20 feet and geogrids every 10 feet for exposed slopes around the roadway.

Photo courtesy Oregon Department of Transportation.

While the department originally had plans to use a mix of native plants for exposed slopes around the roadway, it eventually chose to use ryegrass with straw wattles every 20 feet and geogrids every 10 feet. But the site’s steep slopes



The project employed over 113 miles of horizontal drains, blanket drains, trench drains, slope ditches, and under drains during construction.

Photo courtesy Oregon Department of Transportation.

— often as high as 100 to 300 feet — would prove a challenge for the ryegrass.

“The standard practice [is] to use rye grass, which germinates very quickly,” Marshall says. “But it’s not native, it’s very shallow-rooted, and, although it does provide protection against rain splash erosion into a slow runoff, it doesn’t do much for infiltration or to bind soil.”

As a result, pop-outs — shallow slides of land — occurred at several places along the project site. As a repair, the department rolled out several acres of erosion control matting and, for the project’s second phase, seeded the area with native vegetation and installed additional matting. These methods remained stable throughout the rest of construction.

“Simple is good, especially on a large scale like this,” says Marshall. “You don’t need to reinvent erosion and sediment control; things that work are already a matter of public domain. It’s a reasonable approach to use proven methods.”

After several landslides and an erosion catastrophe under the first design-build contract, ODOT was able to take control of the project using proven best management practices. Maintaining a strong dedication to erosion control,



The project employed hundreds of check dams to reduce flow.

Photo courtesy Oregon Department of Transportation.

ODOT completed the Highway 20 project, including the construction of six miles of new roadway to replace the 10 mile corridor in the Fall of 2017, with no new DEQ water pollution violations.

“The most important thing,” Marshall says, “was that the agency was willing to commit resources to erosion and sediment control.”



Jeremy Wolfe is Assistant Editor for Stormwater magazine. Email him at jwolfe@endeavorbzh.com.