



# Look Inside Lincoln

Bimonthly City Manager's Report

Jennifer Hanson, City Manager

## INSIDE LINCOLN MONTHLY UPDATES

### Looking Back

(These items occurred prior to September 18, 2020)

#### Recruitment and Selection:

<u>Position - Regular</u>	<u>Status</u>
Public Safety Dispatcher I/II	Continuously Accepting Applications
Reserve Police Officer	Continuously Accepting Applications
Reserve Firefighter	Continuously Accepting Applications
Refuse Truck Driver	Continuously Accepting Applications
Police Officer	Continuously Accepting Applications
Economic Development Manager	Recruitment in Progress

**Lincoln Police Department:** In the past two weeks the Police Department has sent numerous teams of officers to the fires in Tuolumne County, Lake County, and Butte County to assist with evacuations and general security.

**LPD Drone:** On September 13th the Police Department used their drone to assist the Placer County Sheriff's Office in a four-hour search for a shooting suspect on Athens Road.

**West Fire Complex:** Two Lincoln Police Officers were assigned to the West Complex Fire (Butte County) when they were asked to assist a Department of Fish and Wildlife agent and biologist with the rescue of a bear. The bear was tranquilized but walked into a creek. Fearing that would possibly drown, our officers drug the

bear out of the creek and helped carry it about 100 yards to a waiting vehicle. We later heard that the bear weighed 370 pounds. Great job, Corporal Rogers and Officer Rogers!

**Lincoln Brush #34:** Lincoln Brush #34 was deployed under the assistance by hire agreement with Cal Fire to assist in covering Cal Fire stations that were stripped of resources when lightning sparked fires across northern California. Lincoln has served by covering many Cal Fire stations (one including North Lake Tahoe); and responding to several incidents, including five days assigned to the June wildland fire incident in a remote area of Nevada County. Lincoln Brush 34 remains deployed and is currently assigned to coverage at the Cal Fire station in Columbia Hill as of 09/15/20.

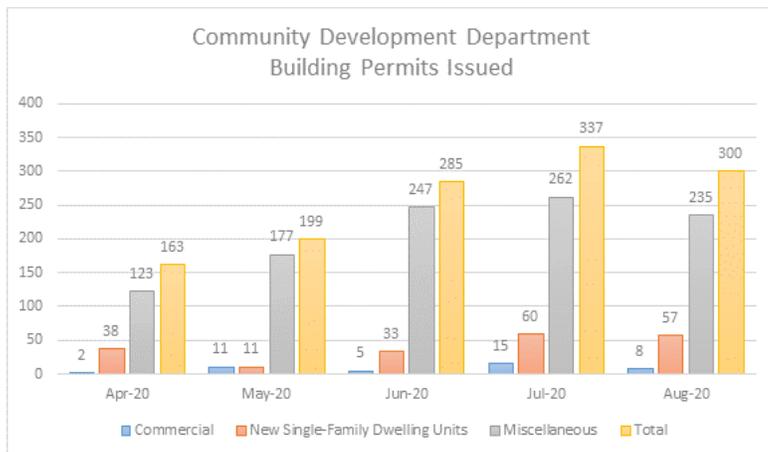
**Santa Cruz Lightning Complex Fire:** A Lincoln Fire Department Engineer was deployed in an overhead capacity to assist Incident Management Team #6 (IMT6) at the Santa Cruz Lightning Complex as a Base Camp Manager. He also served in the Facility Unit Leader (Trainee) position at this incident. He was released 09/12/20.

**Castle Incident Sequoia National Forest:** A Lincoln Fire Department Engineer was deployed in an overhead capacity to assist Incident Management Team #6 (IMT6) at the Castle Incident in the Sequoia National Forest (East of Fresno) as a Facility Unit Leader (Trainee) position at this incident. He remains deployed at this time.

**September Planning Commission:** On September 16th at 6:00 pm., the Planning Commission convened remotely for a public hearing to consider three (3) private development projects. At the meeting, staff gave three (3) independent presentations for each of their respective projects and answered several questions posed by the Commissioner. At the conclusion of the meeting, the Planning Commission recommended the City Council consider and approve two (2) residential subdivisions, Esplanade at Turkey Creek and Twelve Bridges Village 3. The commission also approved an application to allow for the construction of a 9,900 square foot commercial building with a single-drive through lane in the Twelve Bridges Main Village area.

Additional information regarding each application (e.g. entitlements, project manager contact information, and the total number of units) can be viewed by using the Community Development Department interactive development activity map readily available on the City’s website under City News.

**Building Permits Issued:** The Community Development Department staff processed and issued a total of 300 building permits in the month of August. Staff continues to toil through these unprecedented times as they accept, process, issue, and inspect a number of building permits.



**PCWA Metering Station:** The contractor finished adjusting utility covers to grade, and installing fence fabric, gates and gates. PCWA is nearly complete with their system-wide software upgrade to enable remote operation of the facility. City and PCWA staffs continue working on a Memorandum of Agreement to memorialize items such as limits of responsibility for various utilities, shared maintenance items such as access roads, and shared use of fiber optic facilities.

**Bella Breeze Graffiti and Streetlight Repair:** On the morning of Monday, September 14th Public Works received notice of significant graffiti that had occurred on Bella Breeze Drive. Many of the residents that reported the graffiti indicated that a series of street lights on Bella Breeze Drive had not been functioning for several months and may have been a contributing factor for the graffiti vandalism, and was the first report received by Public Works about the street lights not working. The City’s pressure washing and graffiti abatement contractor, JE Pressure Washing, was mobilized to the site in the early afternoon that day and had the graffiti substantially removed by the end of the day with addition removal that was completed the following morning. The street lights were inspected that afternoon, and were substantially repaired and functioning by the end of the day on Tuesday, September 15th.

Public Works staff encourages all residents and business owners to notify the City of any graffiti immediately, as well as any infrastructure, such as street lights, that are not functioning properly by calling (916) 434-2450 during normal business hours or by emailing [publicservices@lincolnca.gov](mailto:publicservices@lincolnca.gov).



**Capital Improvement Projects:** All Capital Improvement Projects will be updated on the attached CIPTracker Report on at least a monthly basis. Individual Inside Lincoln updates will only be provided for a select group of high-profile projects as needed.

CIP Tracker and its associated map are available on the City’s website at the following location:  
<http://www.lincolnca.gov/city-hall/departments-divisions/engineering/cip-projects>

## Looking Forward

### (These items occur after September 18, 2020)

**Lincoln Fire Stations:** Lincoln Fire stations will be assisting Placer County with their Red Flag Warning Awareness Program. When the National Weather Service issues a red flag warning for Placer County each of our fire stations will display a large red banner (about 15' tall) to help raise awareness and message the need for diligence. More information can be found here: <https://www.placer.ca.gov/redflagprogram>

**New LPD Officers:** On September 28th the Police Department's newest officers will be sworn in. Please help us welcome Officers Morris and Plucinski!

**Pink Patch Project:** During the month of October you will again see our Police Officers wearing a pink version of their shoulder patch. This is in support of the Pink Patch Project ([www.pinkpatchproject.com](http://www.pinkpatchproject.com)). The patches are available for purchase at the Police Department and all proceeds are donated to the American Cancer Society.

**5 MG Water Tank at Verdera North:** The backfill and aggregate base materials have been placed around the tank. Concrete curbs and gutters have been placed throughout and the site is ready to pave. The tank subcontractor has sealed areas of leakage around the exterior of the tank prior to backfilling. The tank is now being drained of construction water to facilitate the sealing of joints and visible cracks inside the tank. Tree planting is continuing slowly and should be complete in the next few weeks. The tie-in of the 36-inch transmission main is now complete except for the flow meter which is anticipated to arrive and be installed in early November. Remaining major items of work include roofing on control/sampling building, flow meter and vault, installation of the altitude valve, disinfection of the tank, fiber optic cabling, SCADA integration, fencing and paving. Substantial completion is anticipated in late-September and final completion in early November.

**East Side Sewer, Water and Street Rehabilitation:** The Fiscal Year 2018/19 Budget included CIP 442 – East Side Water and Sewer Rehabilitation Project (Project). This project was created to rehabilitate the water and sewer systems along East 6th, East 7th, East 8th, and East 9th Streets, and South Herold Avenue. The sewer and water utilities in these roadways were originally constructed in a haphazard and substandard manner and had become a constant source of failures. The water valves for the water system alone had become in such poor condition that it would require shutting off water service to no less than 250 customers in order to isolate and repair a single water leak, and portions of the sewer collection system had reached a level of failure that required flushing and hydro-jetting on a weekly basis in order to prevent sewer backups into homes. For comparison, when a leak occurs in a properly constructed and maintained water distribution system it can be fully isolated by shutting down service to no more than a single block of street, and most sewer collection pipelines require flushing no more frequently than every 10 years.

In addition to substantially failed water and sewer systems, the roadways in these neighborhoods were also in extremely poor condition, with Pavement Condition Indexes (PCI) as low as 3 and with as little as zero years of remaining service life based upon the analysis provided as a part of the 2016 Pavement Management Program Update Report. For reference, a roadway is considered to be Very Poor/Failed when the PCI is below 25. Replacement of roadways was not included in the FY 2018/19 Project budget due to the \$4.36 million estimate for full roadway and drainage rehabilitation that could not be funded by the fund balance and allocation of Gas Tax and TDA revenues. The total available funds from these revenue sources that can typically be allocated to

roadway rehabilitation projects is less than half of the annual needs of approximately \$5 million for the City to merely maintain the overall PCI of City roadways, let alone rehabilitate substantially failed roadways such as those included in the Project. The total projected revenue from Gas Tax and TDA for FY 2020/21 is \$3,846,048 and must also fund the operation and maintenance of traffic signals, street lights that are not included in the Landscape Lighting Assessment District, sidewalk and curb ramp repair and maintenance, pavement markings, drainage facilities, street signs, cleanup of roadway debris and illegal dumping, graffiti removal of roadway elements, as well as the pavement maintenance and pothole repair of the approximately 250 miles of roadway within the City of Lincoln. As a result, the rehabilitation of roadways within the Project were deferred to future years when funding becomes available. By the time that the Project was commenced, water and sewer utilities within the Project were in such a substantial state of decay and disrepair that would the City have waited until such time that the full amount of \$4.36 million became available for a full roadway reconstruction that water and sewer service within the Project area would have been functioning less often than not.

During the course of construction, the City Project team worked with the contractor to develop a plan that provided a cost credit for elimination of the T-trench that was a part of the utility replacement project, and for implementing full depth reclamation that pulverizes the existing roadway and mixes in cement in order to eliminate the cost of excavation and off-haul as well and serves as the base layer of roadway.

During the initial negotiations with the contractor for the road rehabilitation scope of work, the roadway section was designed for 3-inches of hot mix asphalt (HMA) over 11-inches of Full Depth Reclamation – Cement (FDR-C) to accommodate the depth of dry utilities as determined during the potholing for the utility replacement portion of the project. The total negotiated cost for roadway rehabilitation within the Project was for \$1.25 million, of which only \$1,007,459 needed to be funded by Gas Tax and TDA funds that were available within reserve balances of Funds 221 and 223. It would not have been financially possible to consider an allocation of roadway funding for much more than that amount.

The contractor mobilized to the site in late June 2020 to begin the concrete curb, gutter and sidewalk upgrades as part of the project's road rehabilitation component to correct significant drainage deficiencies and to be in compliance with provisions of the ADA. By mid-July the contractor began lowering manholes and valve boxes and potholing the existing dry utilities to prepare for the road reconstruction. As the potholing progressed, conflicts with the existing gas distribution system began to be identified. At the completion of the potholing efforts in late July, the full scope of the gas distribution conflicts with the proposed road reconstruction methods were known and that each road segment was impacted.

These conflicts were primarily with the gas service line connections to the gas main where the tee connection extends vertically upwards. The connections range from 6-inches to 12-inches below existing finish grade, which would be in direct conflict with the proposed roadway full depth reclamation section. Other conflicts with the gas system include portions of the gas main and a number of services that are within 20-inches or less of the existing finish grade. Although the depth of some of these conflicts are not in direct conflict with the proposed section, the age of the existing gas infrastructure in the area requires an additional buffer space as compared with new gas infrastructure.

This discrepancy in potholing results is due to the location of potholes between the utility replacement scope of work and the road reconstruction scope of work. During the potholing operations for the utility scope of work, pothole locations were determined based on actual locations of the new water and sewer infrastructure. These locations primarily crossed the gas services near the center of the road where depth of cover was substantially different than at the connection to the main or the near the curb line. The pothole locations for the road

reconstruction included a representative sample of utilities throughout the project and ended up including all service connections, service crossings and main line runs for the gas system.

In order to mitigate the gas conflicts staff has had multiple discussions with the contractor, the project's geotechnical consultant and PG&E. Unfortunately, the schedule estimates provided by PG&E for relocating the gas facilities would delay the road reconstruction work a minimum of 9 months and upwards of 18 months. As this timeframe would not be feasible, staff has focused on alternative pavement designs to incorporate the shallow utilities. In order to obtain an equivalent pavement design that accommodates the shallow utilities, a total section of 7-inches to 9-inches of Hot Mix Asphalt (HMA) would be required along with a 12-inch subgrade scarification and re-compaction. This option would require an additional \$400 to \$600 thousand for the HMA, and an additional \$80 to \$100 thousand for slurry backfill to protect the existing shallow gas lines.

Staff is currently negotiating with the contractor to find an option that fits within the current road rehabilitation budget and also provides the greatest level of service life for the new road. Pricing negotiations are anticipated to be completed by the early part of next week and staff is hoping to begin the road reconstruction work by late September with a completion of mid-October.

Over the last six years the staff of Public Works and Engineering have taken great pride in the manner in which they have collectively addressed the rehabilitation of the City's aged roadway, sewer and water infrastructure that was substantially neglected by previous administrations, and is located almost entirely within the older part of town. Much of this infrastructure was never constructed properly and should have been replaced over 40 years ago. When the current water replacement program was initiated five years ago, there were over 20 miles of water distribution pipeline within the City that were overdue for replacement.

When the current water line replacement project on A Street and East Avenue are complete this fall there will be less than 10 miles of pipeline left to be replaced. That is more replacement of water distribution pipeline, all located within the older parts of the City, in the last five years than have been replaced in the history of the City prior to that time. Public Works and Engineering have also significantly improved the reliability of water service to many of the City's more disadvantaged neighborhoods; substantially reduced water losses from leaking and broken pipes; and provided greatly improved sanitation by removing failed and underperforming sewer pipelines.

**Sewer Hot Spots Repairs:** The contractor has completed the pavement restoration on First Street between D Street and Ina Way, and on E 12th Street. Striping restoration and final cleanup is scheduled for early next week and NOC is anticipated to go before Council in October.

**East Avenue Water Replacement:** The contractor has completed the installation of the new water main and services on A Street between McBean Park Drive and 7th Street. The contractor has temporarily demobilized from the site to complete another project and will return to the project in late October. Working days will continue to be counted during this temporary suspension of work. Upon the contractor's return, construction of the new water main on East Avenue, 5th Street and 7th Street will resume.

**Award Winning Projects:** On August 14, 2020 the Sacramento Chapter of the American Public Works Association selected both the Lincoln Penryn Phase 3 Project and Verdera North Water Infrastructure Project as Project of the Year in the Environment (Water) Category. These two awards add to the growing list of accomplishments by the Public Works Department that now includes a total 13 different awards for eight different projects for excellence in their respective categories, and two different awards to recognize the accomplishments of members of the Public Works Department recognizing their individual contributions

towards the advancement of public works that the Public Works Department has received in the just the last six years.



August 14, 2020

Mr. Ray Lefkwich, PE  
Public Works Director / City Engineer  
City of Lincoln  
600 South Street  
Lincoln, CA 95648

**RE: 2020 PROJECT OF THE YEAR AWARD  
VERDEIRA NORTH WATER INFRASTRUCTURE**

Dear Mr. Lefkwich:

Congratulations! The Sacramento Chapter of APWA has selected your project, Verdeira North Water Infrastructure, for a Project of the Year award. Your project won in the Environment (Water) Category. The APWA Sacramento Chapter Awards Program recognizes public works projects that demonstrate excellent management, administration, design, sustainability, construction and community relations, as well as the strong alliance among the managing agency and the designer, contractor and construction management team who worked together to complete this project.

Due to the COVID-19 pandemic, we will be unable to gather and celebrate you and your team's achievement in person this year. In lieu of a luncheon, we are making a video of the award-winning projects, and we request that you submit a 2 to 3 minute video of your acceptance of the award and to take the opportunity to recognize the achievements of your team for inclusion in the video. The video can be a simple recording made on your cell phone. Please submit your video to Stacy Lynch at slynch@lifeneng.com by September 14, 2020. The final video will be available for viewing on the Chapter website at sacramento.apwa.net on October 12, 2020.

An award plaque commemorating your achievement will be delivered to you, the project owner. Extra award plaques are available for purchase at \$40.00 each by contacting Amber Smith at amsmith@lifeneng.com. Also, APWA would be pleased to make available to you the short video with your project slides for use in making a presentation of your award at an upcoming City Council meeting.

Once again, congratulations on your award-winning project!

Sincerely,

  
Richard T. Lopez, PE  
Chair, Awards Program

cc: Dane Schilling, PE, Consultant Civil Engineering (Nominator)  
Stacy Lynch, PE, Senior Engineering (Designer)  
Matt Stephan, T&E Construction (Contractor)  
Dustin Rupp, T&E Construction Management  
Darcy Taylor, 2020 President, APWA Sacramento Chapter

SEWING 24 NORTHERN CALIFORNIA COUNTY/GENE/STANCO  
ALPINE AMADOR BUTTE CALAVERAS COLUSA EL DORADO GLENN UPLAND MENDOCINO MONTE SERRA PLACER PLUMAS  
SACRAMENTO SAN JOAQUIN SANTA BARBARA SANTA CRUZ TULARE YUBA YUBA COUNTY YUBA COUNTY





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Public Works Director/City Engineer  
City of Lincoln  
600 South Street  
Lincoln, CA 95648

**RE: 2020 PROJECT OF THE YEAR AWARD  
LINCOLN PENRYN PHASE 3**

Dear Mr. Lefkwich:

Congratulations! The Sacramento Chapter of APWA has selected your project, Lincoln Penryn Phase 3, for a Project of the Year award. Your project won in the Environment (Water) Category. The APWA Sacramento Chapter Awards Program recognizes public works projects that demonstrate excellent management, administration, design, sustainability, construction and community relations, as well as the strong alliance among the managing agency and the designer, contractor and construction management team who worked together to complete this project.

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Once again, congratulations on your award-winning project!

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Richard T. Lopez, PE  
Chair, Awards Program

cc: Dane Schilling, PE, Consultant Civil Engineering (Nominator)  
Dave Berry, PE, Ubara Engineering (Designer)  
Sageen Carim, Bay Pacific Pipelines and Matt Stephan, T&E Construction (Contractor)  
Ron Perkins, HDR and Brian Richards, PCWA (Construction Management)  
Darcy Taylor, 2020 President, APWA Sacramento Chapter

SEWING 24 NORTHERN CALIFORNIA COUNTY/GENE/STANCO  
ALPINE AMADOR BUTTE CALAVERAS COLUSA EL DORADO GLENN UPLAND MENDOCINO MONTE SERRA PLACER PLUMAS  
SACRAMENTO SAN JOAQUIN SANTA BARBARA SANTA CRUZ TULARE YUBA YUBA COUNTY YUBA COUNTY





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## Ongoing and Upcoming Events

### City/Chamber/DLA

Monday, September 21, 2020

2:00 PM

Zoom Meeting

Gilbert/Karleskint

### Council Meeting (Regular)

Tuesday, September 22, 2020

6:00 PM

Teleconference

All

### City Council Workshop

Tuesday, October 6, 2020

4:00 PM

Teleconference

All