City of Garden Grove

WEEKLY CITY MANAGER'S MEMO

December 23, 2021

TO: Honorable Mayor and City Council Members

FROM: Scott C. Stiles, City Manager

I. DEPARTMENT ITEMS

A. PUBLIC WORKS CAPITAL IMPROVEMENT PROJECTS
Capital Improvement Project updates for the Public Works Engineering and Water Services divisions are included for your information.

II. ITEMS FROM OTHER GOVERNMENTAL AGENCIES, OUTSIDE AGENCIES, BUSINESSES AND INDIVIDUALS

A. *Proclamation of Emergency Program for Asian Citrus Psyllid and Huanglongbing* from the California Department of Food and Agriculture.

B. OC Streetcar construction alert for the week of December 20, 2021.

- **OTHER ITEMS**

  – SOCIAL MEDIA HIGHLIGHTS AND NEWSPAPER ARTICLES
  Copies of the week's social media posts and local newspaper articles are attached for your information.

Scott C. Stiles
City Manager

Attachment I. A
Mgrs. Memo 12/23/21

PUBLIC WORKS CAPITAL IMPROVEMENT PROJECTS
Project Status Report
December 20, 2021

ENGINEERING DIVISION - CAPITAL PROJECTS

The following are capital construction and design projects under the administration of the Engineering Division and their present status. This covers approximately through the next year.

CONSTRUCTION PROJECTS

CP-1293000 – Katella Ave Rehab – 500' W/o Magnolia to 150' E/o Barclay, L= 4600' *(NAVIN)*
Budgetary Estimate = $286,733 (construction only) Psuedo-cooperative project w/ County. City will contract directly with County contractor – RJ Noble, Steve Mendoza

- Rehab Type: Mill & Fill w/ 750' of R & R at east end.
- Status: Contract with RJN approved by Council June 22, 2021.
- Schedule: Asphalt, striping and pavement markers complete. Contractor working on punch list. Project estimated to be complete 12/24/21.

CP-1090000 – Euclid/Westminster Intersection Improvement *(MIKE S.)*
Proposed improvement: Add a southbound right turn lane & EB right turn lane

- OCTA awarded $1M Regional Capacity Program grant to City May 3, 2021.
- **Low Bidder:** RJ Noble **Low bid:** $1,122,070 **Award:** October 13, 2021
- Traffic Signal potholing complete.
- **Construction Start**: January 27, 2022

CP-1007000 – Acacia Storm Drain Const: **Early 2022** *(MIKE S)*
Acacia Ave floods regularly and water ponds in several front yards in the area.

- **Alignment:** Acacia Ave from Dale to Josephine, Josephine from Acacia to Woolley
- **Low Bid**: $3.2 M **Awarded:** 12/14/21 to Vasilj, Inc.
- **Working Days:** 120 **Estimated Start Date:** 1/31/21
- HUD funding approved
- AT&T, Gas Co. and Charter Communications in process of relocating utilities.

DESIGN PROJECTS

CP-1259000 – Acacia Neighborhood Street Improvements Const: **2022** *(MIKE S)*
Scope: Residential streets bounded by Dale, Stanford, Josephine and Garden Grove Blvd
Fund 602 Water Capital = $700,000

- Residential streets are severely cracked and failing
- Street Imprvmnts: Street reconstruction & widening with new curb, gutter and sidewalk
- **Street Design Status:** Plans 70% complete
    - Utility poles need to be relocated to complete street work – coord underway
    - AT&T starting relocation at Dale & Acacia
    - SCE lagging in submittal of relocation plan

CP1297022 – Chapman Ave Rehab – Springdale to Western L= 5300' *(NICK)*
Budgetary Estimate = $3.5 M (design, construction, contingency & const engineering)
Rehab Type: 2" Mill & Fill with digouts and ARAM

- Schedule: Construction summer 2022
- Will include one grooved cross gutter replacement @ Chapman & Jasper
- Status: Submitted plans to Union Pacific Railroad requesting construction permit

CP1297022 – Garden Grove Blvd Rehab – Harbor to Fairview L= 5100' *(NAVIN)*
Budgetary Estimate = $2.2 M (design, construction, contingency & const engineering)

- $500k grant funding from FHWA (federal funds) through OCTA/""""""""""
- Rehab Type: 2" Mill & Fill with digouts and ARAM
- Schedule: Construction summer 2022
- Status: Base plan completed

CP1297022 – Lampson Ave Rehab – Springdale to Knott L= 2600' *(NICK)*
Budgetary Estimate = $350 k (design, construction, contingency & const engineering)

- Rehab Type: Digouts, Crack Fill & Slurry Seal
- Schedule: Construction summer 2022
- Sanitary District will install new sewer main prior to commencing street rehab
- Status: Base plan complete.

CP1297022 – Lampson Ave Rehab – Harbor to Haster L= 2600' *(NAVIN)*
Budgetary Estimate = $300 k (design, construction, contingency & const engineering)

- Rehab Type: Crack Fill & Slurry Seal
- Schedule: Construction summer 2022
- Status: Plans 90% complete

CP-1253000 – Hazard Ave Rehab v2.0 – Bushard to Ward L= ~5000' *(NICK)*
Budgetary Estimate = $1.8M for City of GG, $900k for Westminster
(design, construction, contingency & const engineering)
City of Garden Grove is Lead Agency

- Rehab Type: 2" Mill & Fill with digouts (1/2 FR-ARHM, ½ ARHM)
- Schedule: Construction summer/fall 2022
- Status: Design 40% complete – Need to start segment from Bushard to Brookhurst
- Geocon will prepare geotechnical report
- Project will include McFadden from Ward to 600' E of Ward Street

CP-1196263 – Westminster Ave Rehab – Magnolia to Bushard L= 2600' *(NICK)*
Budgetary Estimate = $300k for City of GG
City of Westminster is Lead Agency

- Rehab Type: Reconstruction, City of GG owns only #3 WB lane
- Schedule: Construction summer/fall 2022
- Status: Design submitted by City of Westminster – GG is currently reviewing
- Preparing soils report

CP-1303000 – Harbor/Garden Grove Intersection Improvement *(NAVIN)*

Proposed improvement: Add 2nd NB left turn lane, EB right turn lane & new traffic signal

- Estimated Project Cost: **$3.135 M**
- Traffic Engineering evaluating other intersection analysis method for OCTA grant funding consideration [Intersection Capacity Enhancement (ICE)]
- Possible funding through future federal infrastructure bill
- Status: Finalized lane configurations approved by City Engineer 09/13/2021

CP-1045000 – Chapman at Lamplighter Traffic Signal

- Design status: Complete
- This project will be combined with the Traffic Signal Modifications below.

VAR – Traffic Signal Modifications *(KEN & JUAN)*

These projects will upgrade the traffic signals at all the intersections listed below:

Location	Status
• Garden Grove Blvd & Gilbert	Design 100%
• Garden Grove Blvd & Casa Linda	Design 100%
• Euclid & Stanford	Design 100%
• Brookhurst & Stanford	Design 100%

- **Advertise for Bids:** December 13, 2021 - CWA provisions apply

• Garden Grove Blvd & Galway	Design 95% - AT&T Utility Conflicts – Therefore, not included in bid package above

VAR – Traffic Signal Synchronization Projects (Multijurisdictional) *(DAI, KEN, JUAN)*

These projects will synchronize the traffic signals and will upgrade the equipment at all the intersections listed below:

Location	Status	
• CP-1109000 Katella Avenue	Consultant awarded project	Construction 90%
• CP-1180000 Valley View	Postponed until 2022*	Design 0%

  - *Funding issues related to Covid-19 for H.B & Westminster

Magnolia Street – Utility Undergrounding – GG Blvd to Mac Alpine *(NICK & MARK)*

- Cost for undergrounding has increased to $550/lf: total = $5.8M in 2020 dollars, therefore Edison has reduced the scope of work to accommodate the available budget
- Restarted project w/ meeting on 09/23/21
- Status: 70 sheets of traffic control plans are approved by City
- SCE's will begin bidding the project shortly. Construction estimated beginning summer 2022.

CP-1047000 – Civic Center Drive – Median & Parking Modifications *(MIKE B.)*

Modify CCD median island and install angled parking in NB lanes

- Survey info received.
- Status: Concept plans started. Further design dependent on issuance of grading permit for proposed Cottage Industry development

Westminster Avenue Rehab – Newhope to Harbor Blvd *(NICK)*

This is a cooperative project with the City of Santa Ana. Santa Ana will take lead on the project. This project is likely slated for 2023. No design effort has been expended yet.

Grooved Cross Gutter Replacement *(NICK)*

There is currently one known grooved cross gutters on Chapman Avenue at Jasper Street. It will be replaced with a regular cross gutter and modifications to the existing street to adjust surrounding grades.

- DESIGN COMPLETE. Construction will proceed as funding becomes available.
- Will be included with the Chapman Ave Rehab – from Knott to Western

ITEMS OF INTEREST

(But not Capital Project's Work)

City Manger's Office

City Hall Security Upgrades

- Bids were opened 11/16/21 **Low Bid:** $795k **Low Bidder:** Thomco
- Award Contract: 12/14/21
- Construction Start: February 2022

Community Services

Open Streets Garden Grove Event

- Traffic Engineering will be assisting with the traffic control for the event.
- Schedule: April 2, 2022

cc: B. Murray, T.J McGovern, R. Meeks, L. Ruitenschild, M. Gray, L.Tapia, A. Pulido, J. Goddard, Noelle Kim, Ana Neal, R Leyva, B Eurs, Carolyn M., Emily T, Karen F., R. Jacot, K. Dibaj, R. Manson, Buster E., Patti W., Susan Morgan, David Ortega, Alicia Hofer, Lorena Soules

PUBLIC WORKS CAPITAL IMPROVEMENT PROJECTS - STATUS REPORT
December 20, 2021
WATER SERVICES DIVISION

UNDER CONSTRUCTION

SANITARY SEWER

- **CP1141000 Partridge Lift Station Improvements Project** –The District has been experiencing frequent pump clogging caused by wet wipes from the tributary area. The District is considering to install a new grinder at the upstream of the lift station. Staff has hired AKM to provide a preliminary design of the grinder installation for the Partridge Lift Station.

  Project Limit: Partridge Lift Station
  Contractor: Pacific Hydrotech Corp
  Bid Amount: $614,900

  Status:
  - Project is approx. 35% completed. Subcontractor for SCE (Arizona Pipeline) has installed the wire and new pull box for the project. Contractor is waiting for the installation of the new transformer and the easement to finalize before completing the remaining work.

- **CP1244000 Sewer Main Replacement Project 2&3**–The Sewer Rehabilitation Plan Phase 1, Sewer Main Replacement Project 2 (at Galway Street, Gilbert Street, Kerry Street, Kellogg Way, Alley near Belfast Drive, Crosby Ave, Central Avenue, and Acacia Avenue) and Project 3 (Trask Avenue, Edgebrook Drive, Garden Grove Boulevard, and Sycamore Street) are two of many projects designed to address defective sewer pipe throughout the City. The sewer improvements will consist of approximately 4,400 feet of sewer pipes, includes both design and optional construction management/inspection services.

  Project Limit: See Location Map
  Consultant: JIG
  Contractor: Kordich
  Bid Amount: $1,961,050
  Status:
  - Project is 40% completed. Contractor has completed pipeline replacement in Donegal Drive and Kerry Street.

- **CP1245000 Sewer Main Lining and Spot Repairs Projects 3&4**–This project consists of rehabilitating approximately 22,813 linear-feet of 8-inch & 10-inch sewer using UV-Cured Glass Reinforced Plastic cured-in-place liner. The project will be at various locations throughout the City. The project will also include spot repairs, sewer lateral reinstatements and top hat sewer lateral seals. The project includes both design and optional construction management/inspection services.

Project Limit: See Location Map
Consultant: Gannett Fleming, Inc
Contractor: Tunnelworks Services, Inc.
Bid Amount: $1,221,976

Status:

- Project is approx. 5% completed. Tunnelworks Services has completed installation of 3 reaches of lining.

WATER

- **CP1205000 Magnolia Reservoir and Booster Pump Station Rehabilitation Project** (GG Project #7402) – The reservoir repairs consist of crack and joint repair, construction of seismic curb, roof waterproofing, rust spot repair, and the addition of a fall protection system. The repair work for the pump station consists of replacement of the existing engine and booster pump, replacement of the existing exhaust system, replacement of the existing catalytic converter, replacement of two 10-inch butterfly valves, replacement of the 10-inch check valve, refurbishment of the existing flow control valve, and replacement of the roof and existing removable dormer.

  Project Limit: Magnolia Park (No traffic impact).
  Contractor: Pacific Hydrotech Corp. (PHC)
  Bid Amount: $3.2 M

  Status: Project is approx. 37% completed. Subcontractor completed the installation of all the floor joints and sealant and worked on reservoir concrete surface for the tennis courts coating removal and concrete repairs. PHC worked on the reservoir sump pump vault improvements and completed the meter vault improvements.

- **OCWD PFAS Final Treatment Design –** CDM Smith is one of the 6 consultants that OCWD has retained to perform final design for well head treatment of the City's 7 affected wells. Ion Exchange has been selected as the preferred treatment approach for all the well sites due to space constraint.

  Project Limit: Well 19, Well 29, Well 30, Lampson Reservoir and Booster Station, West Haven Reservoir and Booster Station
  Consultant: OCWD – CDM Smith
  Contractor: Pacific Hydrotech Corp
  Bid Amount: $12.8M

  Status:

  - Project is approx. 60% completed. Well 21 site is operational. PHC continues with work at the Well 29 and Well 30 sites.

UNDER DESIGN

SANITARY SEWER

- **CP1282000 Sewer System Rehabilitation Plan – Phase II** – This project includes CCTV inspection and system analysis of close to 500,000 linear feet of District's sewer system. Similar to the Phase I study, projects will be identified to rehabilitate sewer mains that have major to severe structure defects.

  Project Limit: South of Katella Ave, West of Lewis Street, North of Westminster Ave, and East of Euclid St.
  Consultant: AKM

  Status:
  - Approximately 75% of the sewer mains have been CCTV.

- **CP131000 Sewer Improvement Project – Lampson Ave and Lamplighter** – This project is to redirect sewer flow away from Lenore Ave. Currently, the sewer main in this street is capacity deficient. This project will install approximately 1,100 ft of a new 10-inch sewer from Lampson Ave and Lamplighter to Lampson Ave and Springdale St.

  Project Limit: From Lampson Ave. and Lamplighter St to Lampson Ave. and Sprindale St.
  Consultant: AKM

  Status:
  - Consultant has submitted the revised plans with adding the additional pipe in Springdale St.

- **CIP Project 92 (Donegal Drive Sewer - GGSD Project JL1299000)** – Staff is exploring the feasibility of constructing a 12-in sewer replacement inside a commercial property at 9625 Bolsa Ave. This will alleviate the sewer deficiency in the area.

  Project Limit: Donegal Drive (Washington Ave. to Bolsa Ave.)
  Consultant: JIG
  Status:
  - Plaza owner not willing to work with the City.

WATER

- **SCADA Implementation Project** – The SCADA Master Plan has recommended 22 projects to be implemented over a 5-year period. The City is seeking for Program Management Services to facilitate the detailed design and implementation of these recommendations.

  Project Limit: At the various water distribution facilities
  Consultant: West Yost Associates

Status:

- Bid package has been finalized and the project will be advertised on 12/22/2022. Bid opening is scheduled to be on 2/3/2022.

- **Alwood Ave and Anthony Ave Water Improvement Project** – This water main replacement project includes two of the high priority fire flow capacity deficient areas identified in the 2020 Water Master Plan. Project consists of approximately 1,300 ft of 12-in diameter pipe, 2,850 ft of 8-in diameter pipe including hydrants, fittings and appurtenances, trenching, backfilling, compaction, and pipe disinfection and testing.

  Project Limit: Alwood Ave and Cole St; Anthony Ave and Acacia Ave between Josephine St and Magnolia St.

  In-House Design: Project was advertised on 12/1 and 12/8. Bid opening is scheduled to be on 1/13/2022.

- **County Orangewood and Dale Water Improvement Project** – This water main replacement project includes replacing over 7,500 ft of 6-in diameter main replacement with 8-inch main. In addition, this project will replace 12 of the dry-barrel hydrants with wet barrel hydrants. This will help improve the fire flow in this area.

  Project Limit: Between Orangewood and Yorkshire and Dale and Nearing (See Project Map)
  Consultant: Stantec

  Status:
  - Consultant is working on 60% design and submittal is planned for mid-January.

- **Engineering and Condition Assessment of Well Nos. 16, 19, and 25** – The 2020 Water Master Plan has identified three potable water wells that are closed to the end of their useful life. This project is to evaluate the well casing of each well to determine if they can be rehabilitated. This project also include optional engineering design service for Well 19 if the assessment determines that it can be rehabilitated. Well 19 is one of the wells that has PFAS concentrations that are above the response levels.

  Project Limit: at each well site
  Consultant: Civiltec

  Status:
  - Staff and consultant had a kick-off meeting to discuss the Well 19 design. Consultant will resume the assessment work for Well 25 after the New Year.

- **Public Works Yard Block Wall** – Civiltec Engineering has completed the design. Building Department reviewed and approved the plans.

  Project Limit: Within the existing facility (No traffic impact).
  Status:
  - This project will be packaged with one of the water facility projects in the future.

SANITARY SEWER SHARED

City of Anaheim

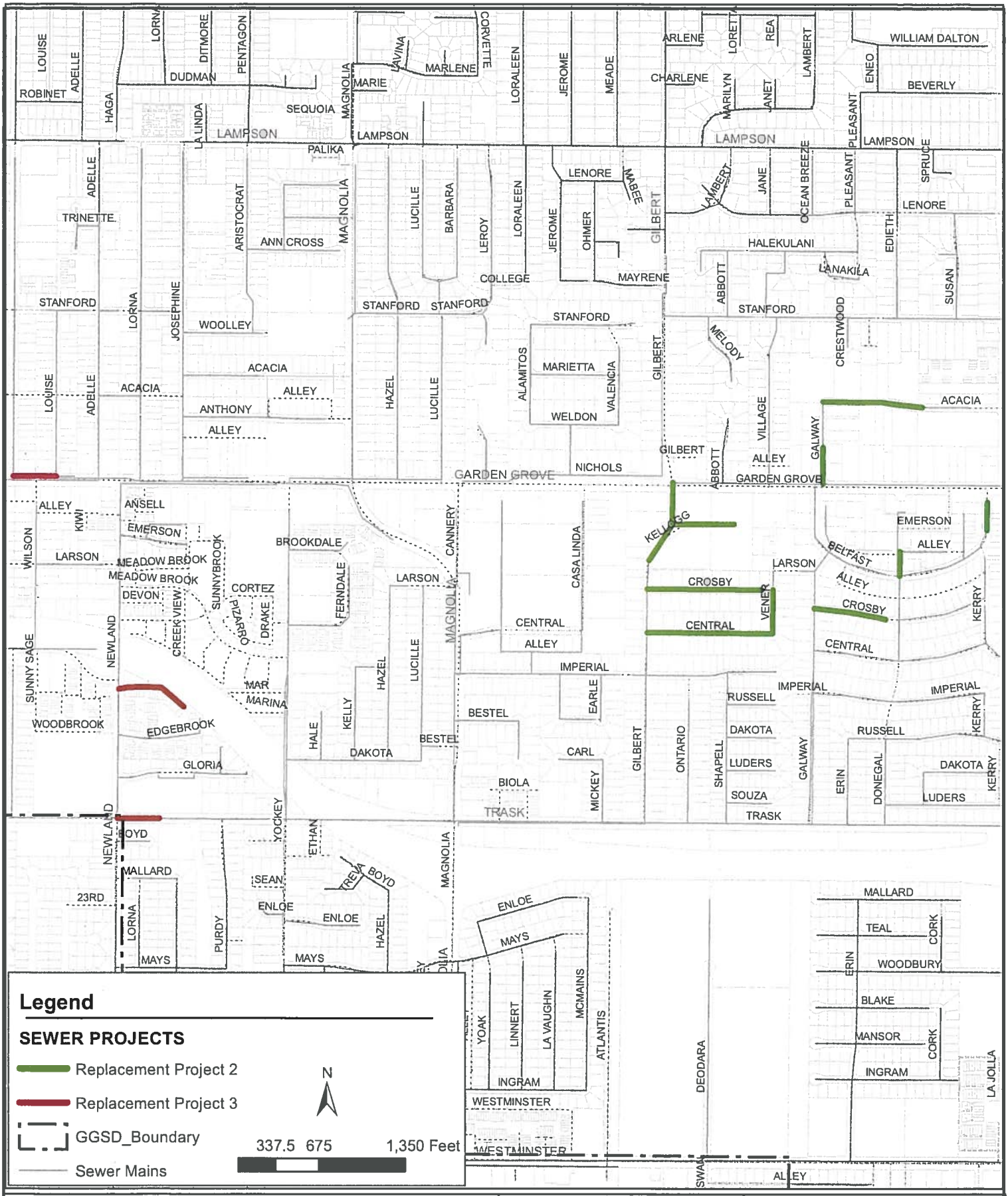
- Anaheim continues to resist updating 1986 Shared Sewer Agreement. The main stumbling block is that they do not want to lower the current d/D ratio of 0.75.

City of Santa Ana

- Santa Ana has agreed to include GGSD's portion of Westminster Sewer upgrade in their design and construction. Santa Ana City Council and GGSD Board have approved the reimbursement agreement between the City of Santa Ana and GGSD for this project.
- Santa Ana and GGSD staff agreed on the areas and contents of the shared sewer agreement. The final draft has been reviewed by attorneys. Santa Ana City Council approved the shared sewer agreement in August 2017. GGSD Board approved the agreement in October 2017.

City of Orange

- Water Services has initiated the conversation with City of Orange to draft a share sewer agreement. We have researched with the City Clerk to see if there is any existing share sewer agreement. The City Clerk did not find any.

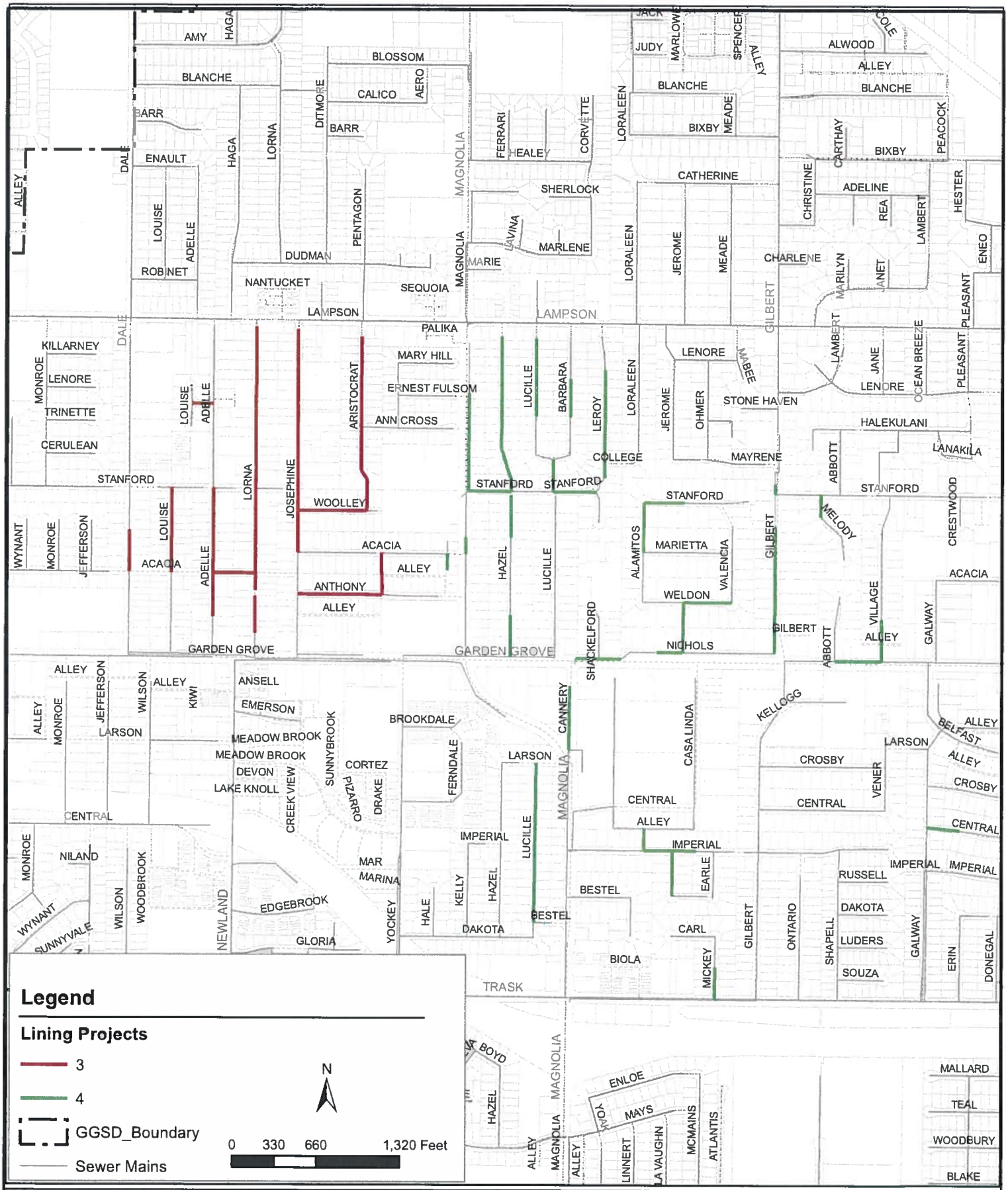


DRAWN BY: R.L.	CHECKED BY: R.L.

GARDEN GROVE

City of Garden Grove
Department of Public Works

EXHIBIT A: LOCATION MAP
SSRP- PHASE I
SEWER REPLACEMENT PROJECT 2&3

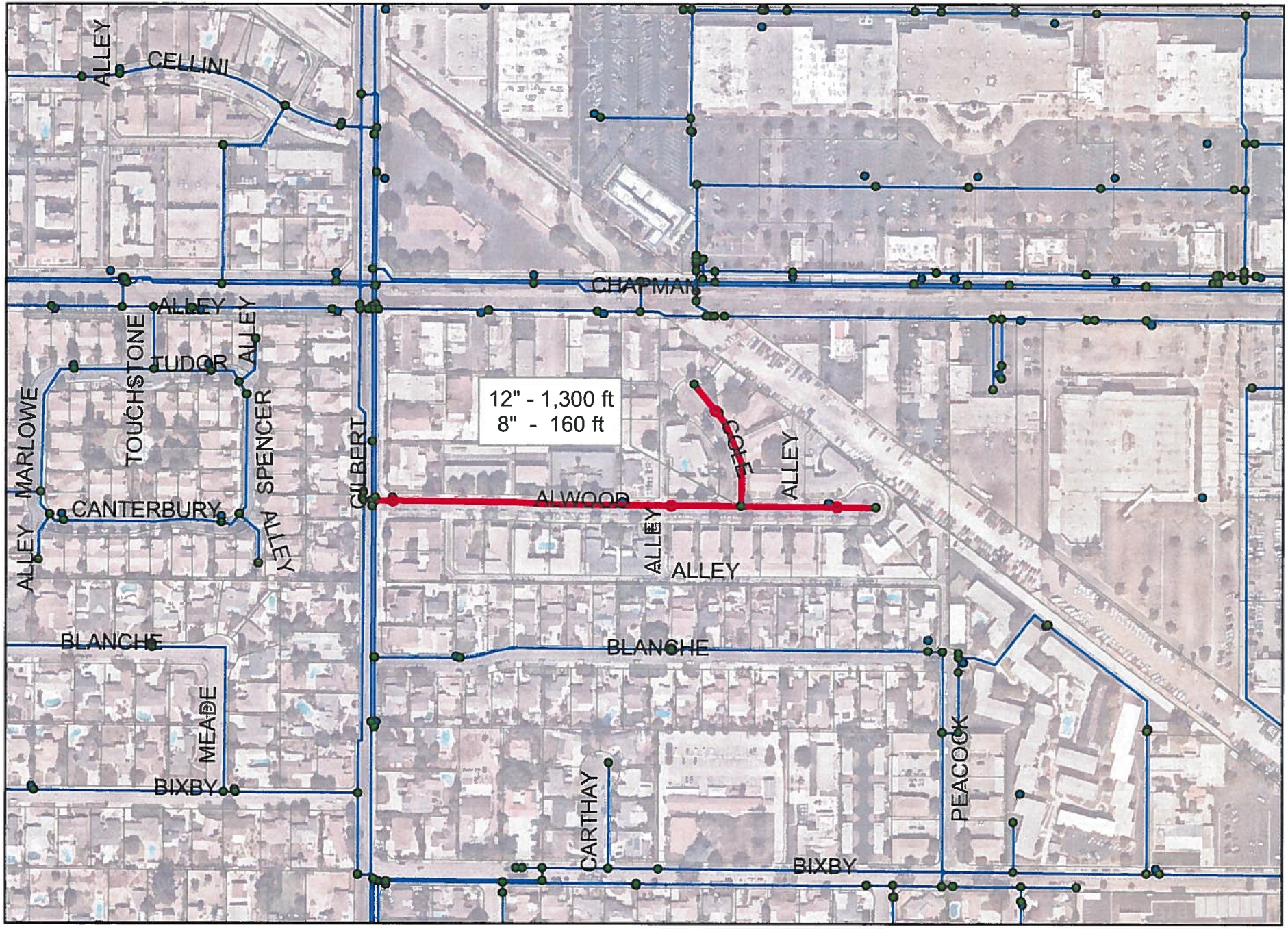


GARDEN GROVE

City of Garden Grove
Department of Public Works

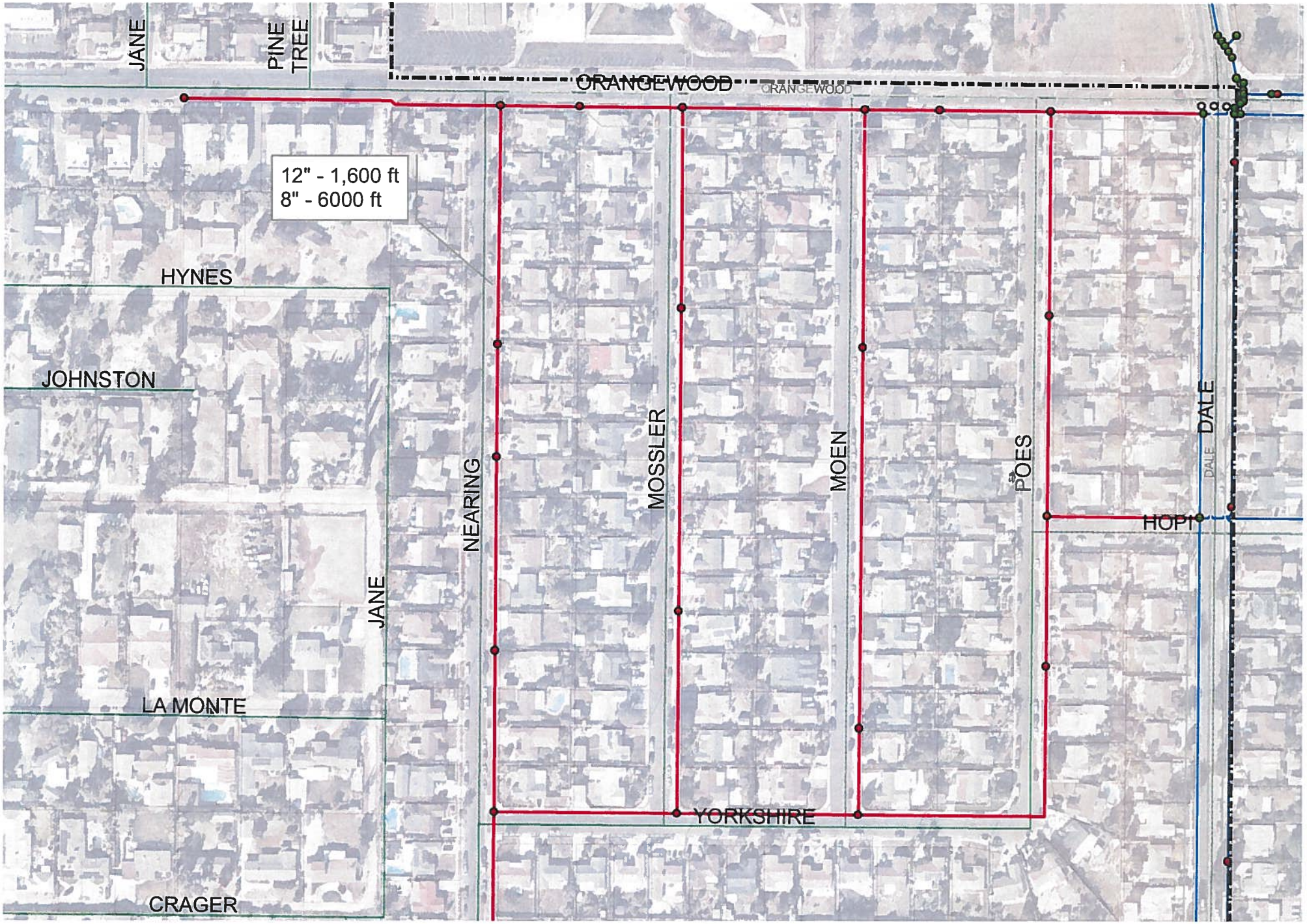
DRAWN BY:	CHECKED BY:
R.L.	R.L.

EXHIBIT A: LOCATION MAP
SSRP- PHASE I
SEWER LINING PROJECTS 3&4



In-House Design - FF02_ Alwood and Cole

In-House Design - FF10_ Magnolia_Anthony_Acacia



Small Diameter Upsize: Orangewood Dr and Dale St Water Replacment Project

Attachment II.A
Mgrs. Memo 12/23/21

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

OFFICIAL NOTICE
FOR COMMUNITIES IN ORANGE COUNTY
PLEASE READ IMMEDIATELY

PROCLAMATION OF EMERGENCY PROGRAM FOR ASIAN CITRUS PSYLLID AND HUANGLONGBING

Between October 1, 2021 to November 24, 2021, the California Department of Food and Agriculture (CDFA) confirmed the presence of the causative bacterial agent of the citrus disease huanglongbing (HLB) in citrus tree tissue and the insect vector Asian citrus psyllid (ACP), *Diaphorina citri* Kuwayama. Citrus tree tissues and insect vectors were collected in the cities and communities of Anaheim, Garden Grove, Huntington Beach, Orange, Santa Ana, and Westminster in Orange County. HLB is a devastating disease of citrus and is spread through feeding action by populations of ACP. HLB/ACP present a significant, clear, and imminent threat to California's commercial citrus production, residential citrus plantings, natural resources, and economy. Unless emergency action is taken to disrupt the ACP life cycles, there is high potential for sudden future detections in Orange County.

To determine the extent of the infestation, and to define an appropriate response area, delimitation surveillance took place for several days within a 250-meter radius area, centered on the detection site(s). Based on the results of the surveys, implementation of the CDFA's ACP and HLB response strategies are necessary for eradication and control.

In accordance with integrated pest management principles, CDFA evaluated possible treatment methods and determined that there are no cultural or biological control methods available to control the immediate spread of HLB/ACP in this area. The Proclamation of Emergency Program is valid until November 24, 2022, which is the amount of time necessary to determine that the treatment was successful.

The detections of HLB/ACP described above require immediate action to address the imminent threat to California's commercial citrus production, residential citrus plantings, natural resources, and economy. More specifically, in addition to a variety of commercial citrus crops, HLB/ACP threatens loss and damage to native wildlife, private and public property, and food supplies. Due to ACP being a vector for the bacteria that causes HLB and the rapid reproductive rate of ACP, there is a high potential for ACP to establish and spread, resulting in sudden future detections of HLB/ACP in the cities and communities listed above. Therefore, the Secretary of the California Department of Food and Agriculture is invoking Public Resources Code Section 21080(b)(4) to carry out immediate emergency action to prevent the aforementioned loss and damage to California's resources.

The surveillance and treatment plan for the HLB/ACP infestation will be implemented within a 250-meter radius of each detection site, as follows:

- ACP and HLB Survey. All host plants will be inspected for ACP and for HLB symptoms within a 250-meter radius around each ACP/HLB detection site, at least twice a year. ACP and host plant tissue will be collected and forwarded to a USDA accredited laboratory for identification and analysis.

- ACP Treatment. All properties with host plants within a 250-meter radius around each HLB detection site shall be treated according to the following protocol to control ACP:

- Tempo® SC Ultra (cyfluthrin), a contact insecticide for controlling the adults and nymphs of ACP, will be applied from the ground using hydraulic spray equipment to the foliage of host plants; and

- Merit® 2F or CoreTect™ (imidacloprid), a systemic insecticide for controlling the immature life stages of ACP, will be applied to the soil underneath host plants. Merit® 2F is applied from the ground using hydraulic spray equipment. CoreTect™, which is used in place of Merit® 2F in situations where there are environmental concerns about soil surface runoff of liquid Merit® 2F, is applied by inserting tablets into the ground and watering the soil beneath the host plants.

- Physical Control. All host plants found to be positive for HLB (infected with *Candidatus* Liberibacter asiaticus) will be removed and destroyed using mechanical means to stop the spread of the disease.

Public Notification:

Residents of affected properties shall be invited to a public meeting or contacted directly by CDFA staff. Consultation with the California Department of Pesticide Regulation, the Office of Environmental Health Hazard Assessment, and the county agricultural commissioner's office will be provided at the public meeting or upon request to address residents' questions and concerns.

Residents are notified in writing at least 48 hours in advance of any treatment in accordance with the Food and Agricultural Code sections 5771-5779 and 5421-5436.

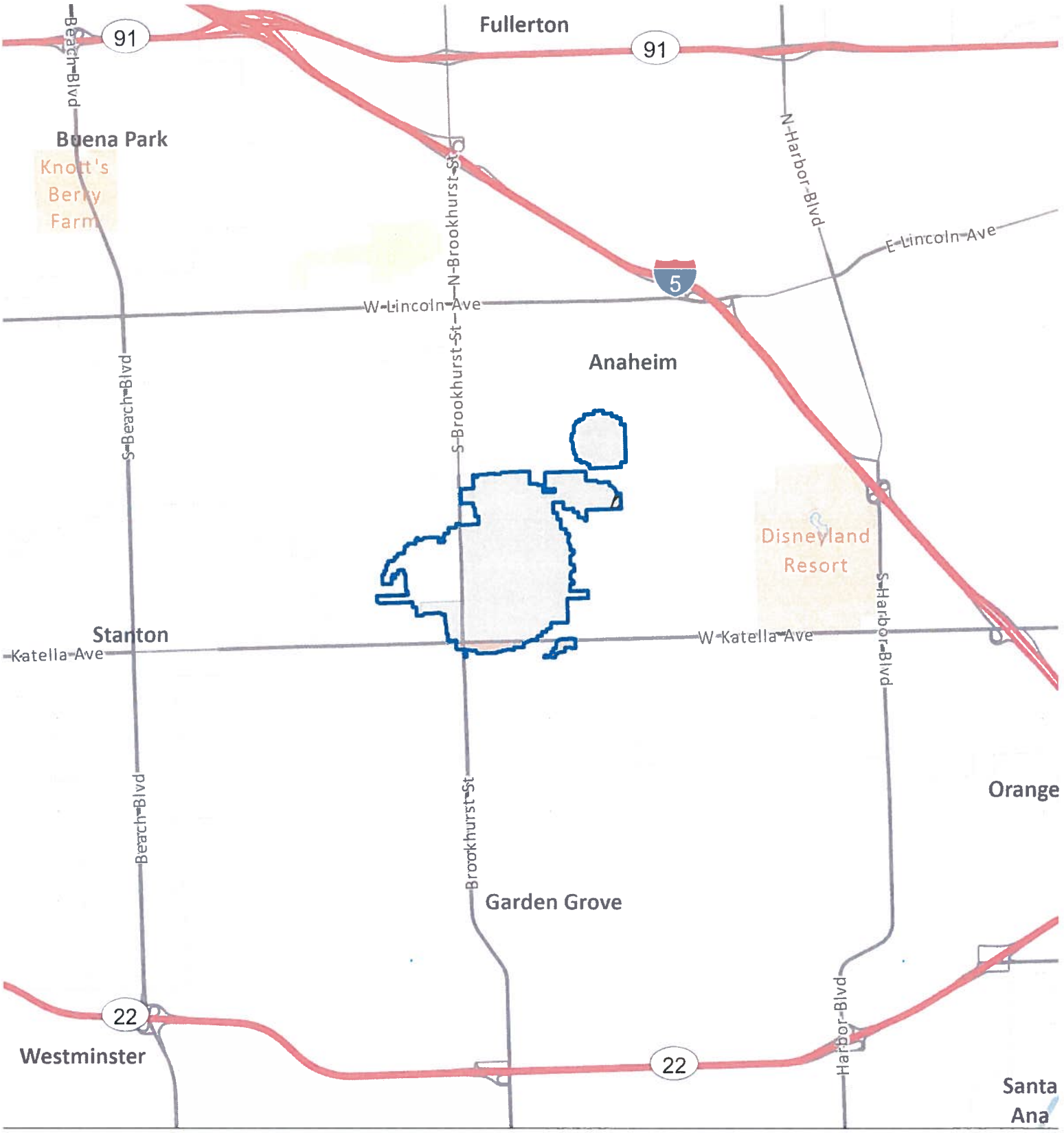
Following the treatment, completion notices are left with the residents detailing precautions to take and post-harvest intervals applicable to the citrus fruit on the property.

Treatment information is posted at http://cdfa.ca.gov/plant/acp/treatment_maps.html. Press releases, if issued, are prepared by the CDFA information officer and the county agricultural commissioner, in close coordination with the program leader responsible for treatment. Either the county agricultural commissioner or the public information officer serves as the primary contact to the media.

Information concerning the HLB/ACP program shall be conveyed directly to local and State political representatives and authorities via letters, emails, and/or faxes.

For any questions related to this program, please contact the CDFA toll-free telephone number at 800-491-1899 for assistance. This telephone number is also listed on all treatment notices.

Attachments



Huanglongbing / Asian Citrus Psyllid Program - Proclamation of an Emergency Program Map

Orange County PEP (2021) - Portions of Orange County - Part 1

New Treatment Area

Environmental Sensitive Area: Treatment Mitigation in Place

City or Census-Designated Place Within Treatment Area

- Anaheim
- Garden Grove
- Huntington Beach
- Orange
- Santa Ana
- Stanton
- Westminster

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CITRUS PEST & DISEASE PREVENTION DIVISION

cdfa

FINDINGS REGARDING AN EMERGENCY PROGRAM FOR ASIAN CITRUS PSYLLID AND HUANGLONGBING

Orange County
Program CS-1054

Between October 1, 2021 to November 24, 2021, the California Department of Food and Agriculture (CDFA) confirmed the presence of the causative bacterial agent of the citrus disease huanglongbing (HLB) in citrus tree tissue and the insect vector, Asian citrus psyllid (ACP), *Diaphorina citri* Kuwayama. Citrus tree tissues and insect vectors were collected in the cities and communities of Anaheim, Garden Grove, Huntington Beach, Orange, Santa Ana, and Westminster in Orange County. HLB is a devastating disease of citrus and is spread by ACP as they feed on host plants. Unless emergency action is taken to remove sources of the HLB inoculum and disrupt the ACP life cycle, there is high potential for sudden future detections of ACP in Orange County and transmission of HLB to other areas.

CDFA conducted surveillance to determine the extent of the infestation in Orange County and to define an appropriate response area. Each survey took place for several days over a 250-meter radius area, centered on the following detections: October 8, 2021, Westminster; October 12, 2021, Huntington Beach; November 5, 2021, Garden Grove; November 12, 2021, Orange; November 15, 2021, Santa Ana; November 24, 2021, Anaheim. Based on these surveys, pest biology, findings and recommendations from California's HLB Task Force, the Primary State Entomologist, the Primary State Plant Pathologist, United States Department of Agriculture (USDA) experts on HLB and ACP, county agricultural commissioner representatives who are knowledgeable on HLB and ACP, and experience gained from USDA's control efforts in the southeastern United States, I have determined that an infestation of HLB exists and it poses a statewide significant imminent danger to California's commercial citrus production, residential citrus plantings, and natural resources, and the economy. For example, the transmission of HLB to other areas would severely impact both the citrus industry and the urban landscape because the bacterium that causes the disease, *Candidatus* Liberibacter asiaticus (CLas), blocks the flow of nutrients within the tree and causes the tree to starve to death within two to five years of infection. California is the top citrus-producing state in the U.S., with total production valued at over $3.4 billion in sales. Recent studies in Florida have shown that the presence of HLB increases citrus production costs by up to 40 percent and has resulted in a loss of over $7 billion and 6,600 jobs.

Additional surveys also indicated that the local infestation is amenable to CDFA's ACP and HLB emergency response strategies, which include chemical and physical treatments. These options were selected based upon minimal impacts to the natural environment, biological effectiveness, minimal public intrusiveness, and cost.

HLB is considered one of the most devastating diseases of citrus in the world. There is no cure for HLB. Symptoms of HLB include yellow shoots with mottling and chlorosis of the leaves, misshapen fruit, fruit that does not fully color, and fruit that has a very bitter taste, which makes it inedible for human consumption. These symptoms often do not appear until two years after infection, making this disease particularly difficult to contain and suppress. These undesirable symptoms of HLB-infected trees result in the trees' loss of commercial and aesthetic value while at the same time such trees are hosts for spreading HLB.

ACP is an insect pest native to Asia. It has appeared in Central and South America. In the United States, ACP has been detected in Alabama, Arizona, Florida, Georgia, Hawaii, Louisiana, Mississippi, South Carolina, and Texas. In California, ACP has been detected in twenty-nine counties.

ACP feeds on members of the plant family Rutaceae, primarily on *Citrus* and *Murraya* species, but is also known to attack several other genera, including over forty species of plant that act as hosts and possible carriers. The most serious damage to the environment and property caused by ACP – the death and loss in value of host plants – is due to its vectoring HLB. In addition, ACP also cause injury to their host plants via the withdrawal of large amounts of sap as they feed and via the production of large amounts of honeydew, which coats the leaves of the tree and encourages the growth of sooty mold. Sooty mold blocks sunlight from reaching the leaves.

Due to the rapid reproductive rate of ACP, there is a high potential for ACP to establish and spread, resulting in sudden future detections of HLB/ACP in the cities and communities listed above.

If unabated, the establishment of HLB in California would harm the natural environment as commercial and residential citrus growers would be forced to increase pesticide use. It could lead to enforcement of quarantine restrictions by the USDA and California's international trading partners. Such restrictions would jeopardize California's citrus exports, which are valued at over $7 billion in economic revenue.

*C*Las was first detected in Los Angeles in 2012. It has subsequently been detected in Orange, Riverside, San Bernardino, and San Diego counties.

Infected trees are destroyed as soon as they are discovered. However, due to the length of time it takes for symptoms to appear on infected trees, new infestations continue to be discovered. If the current infestation is not abated immediately, ACP will likely become established in neighboring counties and could pave the way for a statewide HLB infestation.

CDFA evaluated possible treatment methods in accordance with integrated pest management (IPM) principles. As part of these principles, I have considered the following treatments for control of ACP: 1) physical controls; 2) cultural controls; 3) biological controls; and 4) chemical controls. Upon careful evaluation of each these options, I have determined that it is necessary to address the imminent threat posed by HLB using currently available technology in a manner that is recommended by the HLB Task Force.

Based upon input from the HLB Task Force, the Primary State Entomologist, the Primary State Plant Pathologist, USDA experts on HLB and ACP, and county agricultural commissioner representatives who are knowledgeable on ACP and HLB, I find there are no cultural or biological control methods that are both effective against ACP and allow CDFA to meet its statutory obligations, and therefore it is necessary to conduct chemical treatments to abate this threat. As a result, I am ordering visual surveillance for ACP and HLB and insecticide treatments for ACP using ground-based equipment within a 250-meter radius around each ACP and HLB detection site and any subsequent sites, and removal of all HLB-infected trees.

Sensitive Areas

CDFA has consulted with the California Department of Fish and Wildlife's California Natural Diversity Database for threatened or endangered species, the United States Fish and Wildlife Service, the National Marine Fisheries Service, and the California Department of Fish and Wildlife when rare and endangered species are located within the treatment area. Mitigation measures for rare and endangered species will be implemented. CDFA shall not apply pesticides to bodies of water or undeveloped areas of native vegetation. All treatment shall be applied to residential properties,

common areas within residential development, non-agricultural commercial properties, and rights-of-way.

Work Plan

The proposed treatment and surveillance area encompasses those portions of Orange County which fall within a 250-meter radius delimitation area around the properties on which ACP and HLB were detected, and any subsequent detection sites within the proposed treatment boundaries. The Proclamation of Emergency Program is valid until November 24, 2022, which is the amount of time necessary to determine that the treatment was successful. Maps of the treatment boundaries are attached. The work plan consists of the following elements:

1. ACP and HLB Survey. All host plants will be inspected for ACP and for HLB symptoms within a 250-meter radius around each ACP/HLB detection site, at least twice a year. ACP and host plant tissue will be collected and forwarded to a USDA accredited laboratory for identification and analysis.

2. HLB Disease Testing. All host tree tissues, and ACP life stages shall be tested for the presence of *C*Las.

3. Treatment. All properties with host plants within a 250-meter radius around each HLB detection site shall be treated according to the following protocol to control ACP:

    a. Tempo® SC Ultra, containing the contact pyrethroid insecticide cyfluthrin, shall be applied by ground-based hydraulic spray equipment to the foliage of host plants for controlling the adults and nymphs of ACP. Treatment may be reapplied up to three times annually if additional ACP are detected.

    b. Either Merit® 2F or CoreTect™, containing the systemic insecticide imidacloprid, will be applied to the root zone beneath host plants for controlling developing nymphs and providing long term protection against reinfestation. Merit® 2F is applied as a soil drench, while CoreTect™ tablets are inserted two to five inches below the soil surface and watered in to initiate tablet dissolution. CoreTect™ is used in place of Merit® 2F in situations where there are environmental concerns about soil surface runoff of the liquid Merit® 2F formulation, such as host plants growing next to ponds and other environmentally sensitive areas. Treatment may be re-applied once annually if additional ACPs are detected.

4. Physical Control. All host plants found to be positive for the disease HLB (infected with *C*Las) shall be destroyed. Infected host plants shall be removed and destroyed using mechanical means.

Public Information

Residents of affected properties shall be invited to a public meeting or contacted directly by CDFA staff. Consultation with the California Department of Pesticide Regulation, the Office of Environmental Health Hazard Assessment, and the county agricultural commissioner's office will be provided at the public meeting or upon request to address residents' questions and concerns.

Residents shall be notified in writing at least 48 hours in advance of any treatment in accordance with the Food and Agricultural Code (FAC), sections 5771-5779 and 5421-5436.

After treatment, completion notices are left with the residents detailing precautions to take and post-harvest intervals applicable to the citrus fruit. Treatment information is posted at http://cdfa.ca.gov/plant/acp/treatment_maps.html.

For any questions related to this program, please contact the CDFA toll-free telephone number at 800-491-1899 for assistance. This telephone number is also listed on all treatment notices. Treatment information is posted at http://cdfa.ca.gov/plant/acp/treatment_maps.html.

Press releases, if issued, are prepared by the CDFA information officer and the county agricultural commissioner, in close coordination with the program leader responsible for treatment. Either the county agricultural commissioner or the public information officer serves as the primary contact to the media.

Information concerning the HLB/ACP program will be conveyed directly to local and State political representatives and authorities via letters, emails, and/or faxes.

Findings

HLB and ACP pose a significant, clear, and imminent threat to California's natural environment, agriculture, public and private property, and its economy.

Unless emergency action is taken to disrupt the life cycles of recently detected ACP, there is high potential for sudden future ACP and HLB detections in Orange County.

The work plan involving chemical control of these pests is necessary to prevent loss and damage to California's natural environment, citrus industry, native wildlife, private and public property, and food supplies.

Therefore, I am invoking Public Resources Code Section 21080(b)(4) to carry out immediate emergency action to prevent this loss and damage.

My decision to adopt findings and take action is based on FAC sections 24.5, 401.5, 403, 407, 408, 5401-5405, and 5761-5764.

Karen Ross Digitally signed by Karen Ross Date: 2021.12.19 10:57:47 -08'00'

Karen Ross, Secretary

December 19, 2021

Date

Huanglongbing / Asian Citrus Psyllid Program - Proclamation of an Emergency Program Map

Orange County PEP (2021) - Portions of Orange County - Part 2

New Treatment Area

Environmental Sensitive Area: Treatment Mitigation in Place

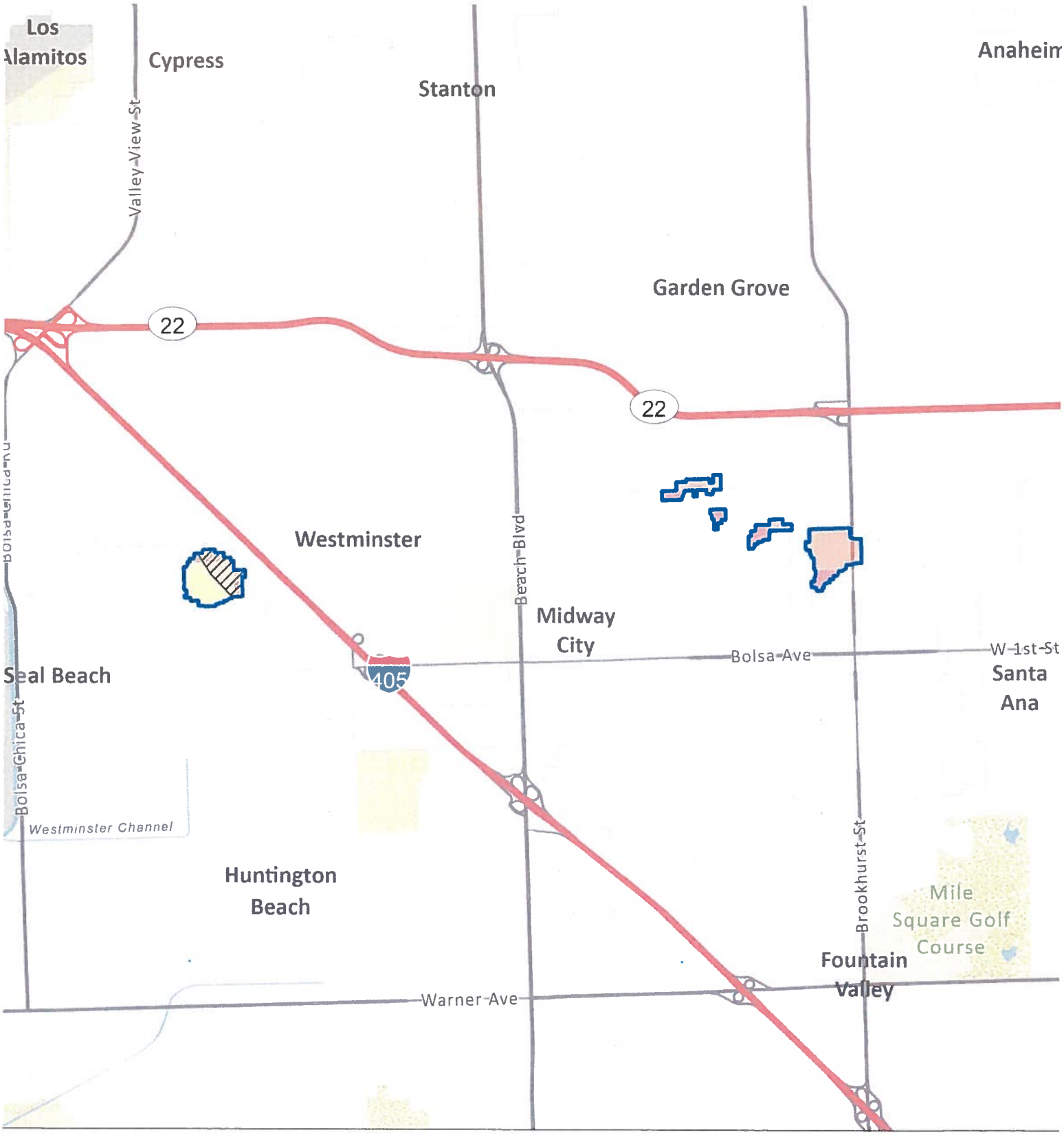
City or Census-Designated Place Within Treatment Area

- Anaheim
- Garden Grove
- Huntington Beach
- Orange
- Santa Ana
- Stanton
- Westminster

0 0.35 0.7 Mi

CITRUS PEST & DISEASE PREVENTION DIVISION

cdfa



Huanglongbing / Asian Citrus Psyllid Program - Proclamation of an Emergency Program Map

Orange County PEP (2021) - Portions of Orange County - Part 3

New Treatment Area

Environmental Sensitive Area: Treatment Mitigation in Place

City or Census-Designated Place Within Treatment Area

- Anaheim
- Garden Grove
- Huntington Beach
- Orange
- Santa Ana
- Stanton
- Westminster

0 0.55 1.1 Mi.

CITRUS PEST & DISEASE PREVENTION DIVISION

cdfa

Asian Citrus Psyllid/Huanglongbing Work Plan
December 2021

I. Detection and Survey Activities for Asian Citrus Psyllid

A. Urban and Rural Residential Detection Trapping and Visual Survey

Trapping for Asian citrus psyllid (ACP) is a cooperative state/county trapping program to provide early detection of an infestation in a county. Traps are serviced by either state or county agricultural inspectors. The trap used for ACP detection is the yellow panel trap, which is a cardboard panel coated with an adhesive on each side. ACP becomes entangled on the sticky surface and cannot move off the trap. Yellow panel traps have proven successful at detecting infestations of ACP. At all locations where traps are placed, the host plant is visually inspected for ACP. If ACP is detected, the host is visually surveyed for additional ACP and symptoms of huanglongbing (HLB).

- Trap Density: Five to 16 traps/square mile.
- Trap Servicing Interval: Monthly.
- Trap Relocation and Replacement: Traps are relocated and replaced every four to eight weeks to another host with a minimum relocation distance of 500 feet.
- Visual surveys and/or tap sampling are conducted once at each trapping site when the trap is placed.

B. Commercial Grove Trapping

In counties with substantial commercial citrus production, and which are not generally infested with ACP, traps are placed within the groves at the density of one trap per 40 acres. Traps are replaced every two weeks and submitted for screening. In areas that are generally infested with ACP, agricultural inspectors visually survey commercial groves for plant tissue displaying symptoms of HLB and collect ACP which are tested for *Candidatus* Liberibacter asiaticus (CLas), the bacteria that causes HLB.

Delimitation Trapping and Visual Survey Outside of the Generally Infested Area

The protocols below are the actions in response to the detection of ACP in counties north of Santa Barbara County and the Tehachapi Mountains.

1. Response to the Detection of One or More ACP

a. Trapping

ACP traps are placed at a density of 50 traps per square mile in a four-square mile delimitation area centered on the detection site. Traps are serviced weekly for one month. If no additional ACP are detected, the traps are serviced monthly for one year past the date the ACP was initially identified. Subsequent detections may increase the size of the delimitation survey area and restarts the one-year duration on the trap servicing requirement.

b. Visual Survey

All find sites and adjacent properties are visually surveyed for ACP and HLB. Additional sites may be surveyed as part of the risk-based survey.

II. Detection and Survey Activities for HLB

HLB Delimitation Survey

Upon confirmation of an HLB infected citrus tree (or host plant), a mandatory delimitation survey is initiated in the 250-meter radius area surrounding the detection. All host plants are visually

surveyed for symptoms of HLB and presence of ACP. Plant and insect samples are collected from every host plant in the 250-meter area and subsequently analyzed for *C*Las.

III. Treatment Activities

Treatment

The Citrus Pest and Disease Prevention Division (CPDPD) treatment activities for ACP vary throughout the state and depend on multiple factors.

Factors CPDPD considers prior to treatment include:

- Determination if suppression of ACP is feasible;
- The proximity of the ACP infestation to commercial citrus;
- Whether growers are conducting coordinated treatment activities;
- The level of HLB risk; and
- Consistency with the overall goal of protecting the state's commercial citrus production.

Scenarios Throughout the State in which Treatment Occurs:

- ACP detections in areas with commercial citrus production near previous HLB detections that are generally infested with ACP, and where all growers are treating on a coordinated schedule, CPDPD may conduct residential buffer treatments to suppress ACP populations around the commercial groves in an effort to prevent establishment of HLB.
- In areas where HLB is detected, CPDPD conducts residential treatments to suppress ACP populations.
- In areas where ACP has not been previously detected, or where ACP has been detected at low densities, CPDPD conducts residential treatments in response to ACP detections to prevent ACP establishment or suppress populations.
- In areas where ACP has been detected along the California-Mexico border, CPDPD conducts residential treatments in response to ACP detections to suppress ACP populations due to proximity of HLB detections in Mexico.

CPDPD's current policy is to not conduct treatments in areas that are generally infested if there is limited or no commercial citrus production in the area.

1. Treatment Protocols

In accordance with the integrated pest management principles, CPCPD has evaluated possible treatment methods and determined that there are no physical, cultural, or biological controls available to eliminate ACP from an area.

In general, when treatment has been deemed appropriate, CPDPD applies insecticides to host trees in the residential (urban) areas in a 50 to 800-meter radius around each detection site. Only ACP host plants are treated.

a. International Border Treatments

CPDPD treats citrus host plants in the residential area within two miles of the California-Mexico border. This treatment is conducted within a 400-meter buffer surrounding ACP detections that are within two miles of the California-Mexico border.

- A Proclamation of an Emergency Program (PEP) is issued.
- Prior to undertaking any treatment activity for a property with ACP and/or hosts infected with HLB, CPDPD will contact the affected residents directly or schedule

a public meeting or series of public meetings to inform residents, growers, and other interested parties of CPDPD's intent to take action, and to provide technical information about products used, dates of treatment(s), etc.

b. Within a Generally Infested Area with Commercial Citrus Production

For ACP detections, CPDPD treats citrus host plants within a 250-meter buffer surrounding commercial citrus groves if the growers are conducting coordinated treatments in the designated Psyllid Management Area (PMA) and at least 90 percent of the growers have completed two out of three of the coordinated treatments. The exception is Imperial County, which has fewer residential properties, and therefore ACP detections trigger treatment of residential citrus host plants within 800 meters of commercial citrus.

- A PEP is issued.
- Prior to undertaking any treatment activity for a property with ACP and/or hosts infected with HLB, CPDPD will contact the affected residents directly or schedule a public meeting or series of public meetings to inform residents, growers, and other interested parties of CPDPD's intent to take action, and to provide technical information about products used, dates of treatment(s), etc.

c. Outside of the Generally Infested Area

The actions below are in response to the detection of one or more ACP, whether collected live or in a trap, in counties north of Santa Barbara County and the Tehachapi Mountains.

- Detection of one ACP at one site - All properties with a host within a 50-meter radius of the detection site are treated. A subsequent detection of one or more ACP within 400-meters will result in all properties with hosts within 400-meters of the detection site(s) being treated.
- Detection of two or more ACP at one site - All properties with a host within a 400-meter radius of the detection site are treated.
- A PEP is issued.
- Prior to undertaking any treatment activity for a property with ACP and/or hosts infected with HLB, CPDPD will contact the affected residents directly or schedule a public meeting or series of public meetings to inform residents, growers, and other interested parties of CPDPD's intent to take action, and to provide technical information about products used, dates of treatment(s), etc.

d. In response to an HLB Detection

- All properties with a host within a 250-meter radius of the detection site are treated.
- All host plants found to be infected with HLB are destroyed and removed by mechanical means.
- A PEP is issued.
- Prior to undertaking any treatment activity for a property with ACP and/or hosts infected with HLB, CPDPD will contact the affected residents directly or schedule

a public meeting or series of public meetings to inform residents, growers, and other interested parties of CPDPD's intent to take action, and to provide technical information about products used, dates of treatment(s), etc.

2. Treatment Methodology

The treatment protocol consists of both a foliar and a systemic insecticide. The foliar insecticide is used for immediate reduction of the adult ACP population to prevent the adults from dispersing. The systemic insecticide is a soil treatment used to kill the sedentary nymphs and provide long term protection against reinfestation. Treatment frequency is dependent on the insecticide applied and severity of the infestation.

CPDPD uses registered pesticides and follows the label directions. The treatment protocol may be adjusted to use only the foliar or the systemic insecticide to allow for mitigations in special situations

a. Foliar Treatment

Tempo® SC Ultra (cyfluthrin) is a pyrethroid contact insecticide. Treatment initially occurs once, and subsequent applications may occur for up to three times annually if additional psyllids are detected. This material is applied to the foliage of all host plants using hydraulic spray or hand spray equipment.

b. Soil Treatment

A systemic soil application is made using either Merit® 2F or CoreTect™.

- Merit® 2F (imidacloprid), is a neonicotinoid systemic insecticide. Treatment initially occurs once, and a subsequent application may occur once on an annual basis if additional psyllids are detected. This material is applied to the soil within the root zone of host plants.

- CoreTect™ (imidacloprid) is a neonicotinoid systemic insecticide. It is used in place of Merit® 2F in situations where there are environmental concerns about soil surface runoff of the liquid Merit® 2F formulation, such as host plants growing next to ponds and other environmentally sensitive areas. This material is a pelletized tablet and is inserted into the soil and watered in within the root zone of host plants.

INTEGRATED PEST MANAGEMENT ANALYSIS OF ALTERNATIVE TREATMENT METHODS FOR CONTROL OF THE ASIAN CITRUS PSYLLID AND HUANGLONGBING
May 2018

The treatment program used by the California Department of Food and Agriculture (CDFA) for control of the Asian citrus psyllid (ACP), *Diaphorina citri* (Hemiptera: Psyllidae), and the disease it transmits, namely Huanglongbing, *Candidatus* Liberibacter asiaticus, targets multiple life stages. A contact insecticide is used for an immediate control of ACP adults in order to prevent spread, and a systemic insecticide is used to control developing ACP nymphs and to give the plant long term protection from re-infestation. The contact insecticide preferentially used contains the synthetic pyrethroid cyfluthrin, while the systemic insecticide contains the synthetic neonicotinoid imidacloprid. Both products have been shown to be effective against ACP elsewhere, particularly in Florida. In addition, HLB-infected plants are removed in their entirety and destroyed, in order to remove a reservoir for the disease. The California Huanglongbing Task Force, a joint government, university, and industry group formed in 2007 to provide guidance to the CDFA on matters pertaining to ACP and HLB has endorsed the use of these chemicals in the CDFA's treatment program.

Below is an evaluation of alternative treatment methods to control ACP and HLB which have been considered for treatment programs in California.

A. PHYSICAL CONTROL

Mass Trapping. Mass trapping of adults involves placing a high density of traps in an area in an attempt to physically remove them before they can reproduce. The current available trapping system for ACP relies on short distance visual stimulus, and is not considered effective enough to use in a mass trapping program.

Active Psyllid Removal. Adult ACPs are mobile daytime fliers, and adults could theoretically be netted or collected off of foliage. However, due to their ability to fly when disturbed, and the laborious and time-prohibitive task of collecting minute insects from several properties by hand, it would be highly unlikely that all adults could be captured and removed. Nymphs attach themselves to developing leaves and stems via their proboscis. Therefore, physical removal of the nymphs would entail removal of the growing shoots which will stunt the tree and reduce fruit production. For these reasons, mechanical control is not considered to be an effective alternative.

Host Removal. Removal of host plants for ACP would involve the large-scale destruction of plants and their roots by either physical removal or phytotoxic herbicides. Additionally, host removal could promote dispersal of female psyllids in search of hosts outside of the treatment area, thus spreading the infestation. For these reasons, host removal is considered inefficient and too intrusive to use over the entirety of the treatment areas used for ACP. However, physical host removal of HLB-infected plants in their entirety is used for HLB control, because it is limited in scope to just the infected tree and it is effective at eliminating the disease reservoir, thereby preventing further spread of the disease by ACP.

B. CULTURAL CONTROL

Cultural Control. Cultural controls involve the manipulation of cultivation practices to reduce the prevalence of pest populations. These include crop rotation, using pest-resistant varieties, and intercropping with pest-repellent plants. None of these options are applicable for ACP control in an urban environment, and may only serve to drive the psyllids outside the treatment area, thus spreading the infestation.

C. BIOLOGICAL CONTROL

Microorganisms. No single-celled microorganisms, such as bacteria, are currently available to control ACP.

Nematodes. Entomopathogenic nematodes can be effective for control of some soil-inhabiting insects, but are not effective, nor are they used, against above ground insects such as psyllids.

Parasites and Predators. There have been two parasites released in Florida against ACP, but only one of these are considered somewhat successful there, namely *Tamarixia radiata* (Hymenoptera: Eulophidae). This insect has been released into the environment in southern California. The CDFA is working with the citrus industry to pursue options for incorporating this parasite into treatment programs statewide. In addition, a second wasp has been recently released by the University of California Riverside, *Diaphorencyrtus aligarhensis*.

Sterile Insect Technique (SIT). SIT involves the release of reproductively sterile insects which then mate with the wild population, resulting in the production of infertile eggs. SIT has neither been researched nor developed for ACP, nor has it been developed for any species of psyllids, and is therefore unavailable.

D. CHEMICAL CONTROL

Foliar Treatment. A number of contact insecticides have been researched for use against ACP elsewhere, particularly in Florida. Contact insecticides are more effective against adult ACPs than the sedentary nymphs because adults actively move around on plants, thereby coming into contact with residues, whereas nymphs have to be directly sprayed in order for them to come into contact. The following product has been identified for use by the CDFA, based on a combination of effectiveness against ACP, worker and environmental safety, and California registration status.

Tempo® SC Ultra is a formulation of cyfluthrin which is applied to the foliage of all host plants. Tempo® SC Ultra is a broad-spectrum synthetic pyrethroid insecticide which kills insects on contact. Tempo® SC Ultra has no preharvest interval, which makes it compatible with residential fruit-growing practices.

Soil Treatment. A number of systemic insecticides have been researched for use against ACP elsewhere, particularly in Florida. Systemic insecticides are particularly effective against psyllid nymphs because nymphs spend much of their time feeding, thereby acquiring a lethal dose. The following products have been identified for use by the CDFA, based on a combination of effectiveness against ACP, worker and environmental safety, and California registration status.

Merit® 2F is a formulation of imidacloprid which is applied to the root system of all host plants via a soil drench. Imidacloprid is a synthetic neonicotinoid insecticide which controls a number of other phloem feeding pests such as psyllids, aphids, mealybugs, etc.

CoreTect™ is a formulation of imidacloprid which is applied to the root system of all host plants via insertion of a tablet into the soil, followed by watering. It is used in place of Merit® 2F in situations where there are environmental concerns about soil surface runoff of the liquid Merit® 2F formulation, such as host plants growing next to ponds and other environmentally sensitive areas.

E. RESOURCES

Grafton-Cardwell, E. E. and M. P. Daugherty. 2013. Asian citrus psyllid and huanglongbing disease. Pest Notes Publication 74155. University of California, Division of Agriculture and Natural Resources Publication 8205. 5 pp. http://www.ipm.ucdavis.edu/PDF/PESTNOTES/pnasiancitruspsyllid.pdf.

Grafton-Cardwell, E. E., J. G. Morse, N. V. O'Connell, P. A. Phillips, C. E. Kallsen, and D. R. Haviland. 2013. UC IPM Management Guidelines: Citrus. Asian Citrus Psyllid. Pest Notes Publication 74155. University of California, Division of Agriculture and Natural Resources. http://www.ipm.ucdavis.edu/PMG/r107304411.html.

PEST PROFILE

Common Name: Asian Citrus Psyllid

Scientific Name: *Diaphorina citri* Kuwayama

Order and Family: Hemiptera, Psyllidae

Description: The Asian citrus psyllid (ACP) is 3 to 4 millimeters long with a brown mottled body. The head is light brown. The wings are broadest in the apical half, mottled, and with a dark brown band extending around the periphery of the outer half of the wing. The insect is covered with a whitish waxy secretion, making it appear dusty. Nymphs are generally yellowish orange in color, with large filaments confined to an apical plate of the abdomen. The eggs are approximately 0.3 millimeters long, elongated, and almond-shaped. Fresh eggs are pale in color, then, turn yellow, and finally orange at the time of hatching. Eggs are placed on plant tissue with the long axis vertical to the surface of the plant.

History: Asian citrus psyllid was first found in the United States in Palm Beach County, Florida, in June 1998 in backyard plantings of orange jasmine. By 2001, it had spread to 31 counties in Florida, with much of the spread due to movement of infested nursery plants. In the spring of 2001, Asian citrus psyllid was accidentally introduced into the Rio Grande Valley, Texas on potted nursery stock from Florida. It was subsequently found in Hawaii in 2006, in Alabama, Georgia, Louisiana, Mississippi, and South Carolina in 2008. ACP was first found in California on August 27, 2008 in San Diego County. Subsequent to this initial detection in San Diego County, the ACP has been detected in Fresno, Imperial, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, Tulare, Ventura, Marin, Monterey, San Francisco, and Santa Clara counties. The ACP has the potential to establish itself throughout California wherever citrus is grown.

Distribution: ACP is found in tropical and subtropical Asia, Afghanistan, Saudi Arabia, Reunion, Mauritius, parts of South and Central America, Mexico, the Caribbean, and in the U.S. (Alabama, Arizona, California, Florida, Georgia, Hawaii, Louisiana, Mississippi, South Carolina, and Texas).

Life Cycle: Eggs are laid on tips of growing shoots; on and between unfurling leaves. Females may lay more than 800 eggs during their lives. Nymphs pass through five instars. The total life cycle requires from 15 to 47 days, depending on environmental factors such as temperature and season. The adults may live for several months. There is no diapause, but populations are low in the winter or during dry periods. There are nine to ten generations a year, with up to 16 noted under observation in field cages.

Hosts and Economic Importance: ACP feeds mainly on *Citrus* spp., at least two species of *Murraya*, and at least three other genera, all in the family Rutaceae. Damage from the psyllids occurs in two ways: the first by drawing out of large amounts of sap from the plant as they feed and, secondly, the psyllids produce copious amounts of honeydew. The honeydew then coats the leaves of the tree, encouraging sooty mold to grow which blocks sunlight to the leaves. However, the most serious damage caused by ACP is due to its ability to effectively vector three phloem-inhabiting bacteria in the genus *Candidatus* Liberibacter, the most widespread being *Candidatus* Liberibacter asiaticus. These bacteria cause a disease known as huanglongbing, or citrus greening. In the past, these bacteria have been extremely difficult to detect and

characterize. In recent years, however, DNA probes, electron microscopy, and enzyme-linked immunosorbent assay tests (ELISA) have been developed that have improved detection. Symptoms of huanglongbing include yellow shoots, with mottling and chlorosis of the leaves. The juice of the infected fruit has a bitter taste. Fruit does not color properly, hence the term "greening" is sometimes used in reference to the disease. Huanglongbing is one of the most devastating diseases of citrus in the world. Once infected, there is no cure for disease and infected trees will die within ten years. The once flourishing citrus industry in India is slowly being wiped out by dieback. This dieback has multiple causes, but the major reason is due to HLB.

Host List

SCIENTIFIC NAME	**COMMON NAMES**
Aegle marmelos	bael, Bengal quince, golden apple, bela, milva
Aeglopsis chevalieri	Chevalier's aeglopsis
Afraegle gabonensis	Gabon powder-flask
Afraegle paniculata	Nigerian powder-flask
Amyris madrensis	mountain torchwood
Atalantia monophylla	Indian atalantia
Atalantia spp.	
Balsamocitrus dawei	Uganda powder-flask
Bergia (=*Murraya*) *koenigii*	curry leaf
Calodendrum capense	Cape chestnut
X Citroncirus webberi	
Choisya arizonica	Arizonia orange
Choisya ternate	Mexican or mock orange
Citropsis articulata	Katimboro, Muboro, West African cherry orange
Citropsis gilletiana	cherry-orange
Citropsis schweinfurthii	African cherry-orange
Citrus aurantiifolia	lime, Key lime, Persian lime, lima, limón agrio, limón ceutí, lima mejicana, limero
Citrus aurantium	sour orange, Seville orange, bigarde, marmalade orange, naranja agria, naranja amarga
Citrus hystrix	Mauritius papeda, Kaffir lime
Citrus jambhiri	rough lemon, jambhiri-orange, limón rugoso, rugoso
Citrus limon	lemon, limón, limonero
Citrus madurensis (=*X Citrofortunella microcarpa*)	calamondin
Citrus maxima	pummelo, pomelo, shaddock, pompelmous, toronja
Citrus medica	citron, cidra, cidro, toronja
Citrus meyeri	Meyer lemon, dwarf lemon
Citrus × *nobilis*	king mandarin, tangor, Florida orange, King-of-Siam
Citrus × *paradisi*	grapefruit, pomelo, toronja
Citrus reticulata	mandarin, tangerine, mandarina
Citrus sinensis	sweet orange, orange, naranja, naranja dulce
Citrus spp.	
Clausena anisum-olens	anis
Clausena excavata	clausena
Clausena indica	clausena
Clausena lansium	wampi, wampee

Clymenia polyandra	a-mulis
Eremocitrus glauca	Australian desert lime
Eremocitrus hybrid	
Esenbeckia berlandieri	Berlandier's jopoy
Fortunella crassifolia	Meiwa kumquat
Fortunella margarita	Nagami kumquat, oval kumquat
Fortunella polyandra	Malayan kumquat
Fortunella spp.	
Limonia acidissima	Indian wood apple
Merrillia caloxylon	flowering merrillia
Microcitrus australasica	finger-lime
Microcitrus australis	Australian round-lime
Microcitrus papuana	desert-lime
X *Microcitronella* spp.	
Murraya spp.	curry leaf, orange-jasmine, Chinese-box, naranjo jazmín
Naringi crenulata	naringi
Pamburus missionis	
Poncirus trifoliata	trifoliate orange, naranjo trébol
Severinia buxifolia	Chinese box-orange
Swinglea glutinosa	tabog
Tetradium ruticarpum	evodia, wu zhu yu
Toddalia asiatica	orange climber
Triphasia trifolia	trifoliate limeberry, triphasia
Vepris (=*Toddalia*) *lanceolata*	white ironwood
Zanthoxylum fagara	wild lime, lime prickly-ash

Attachment II. B
Mgrs. Memo 12/23/21

Fwd: OC Streetcar Construction Alert

From : Meena Yoo <meenay@ggcity.org> Thu, Dec 23, 2021 08:50 AM
Subject : Fwd: OC Streetcar Construction Alert
To : Meena Yoo <meenay@ci.garden-grove.ca.us>

From: "OC Streetcar" <ocstreetcar@octa.net>
To: sstiles@ci.garden-grove.ca.us
Sent: Monday, December 20, 2021 12:00:36 PM
Subject: OC Streetcar Construction Alert

Anuncio en Español

Construction Alert
Week of December 20, 2021

Construction Highlights:

- Track installation in Segment 2. Work requires eastbound and westbound traffic to be shifted to the south side Santa Ana Boulevard between Bristol Street and Parton Street. Learn more here.

- Track installation at the Ross Street and Santa Ana Boulevard intersection. Work requires a full closure of the intersection. Detours are available. Learn more here.

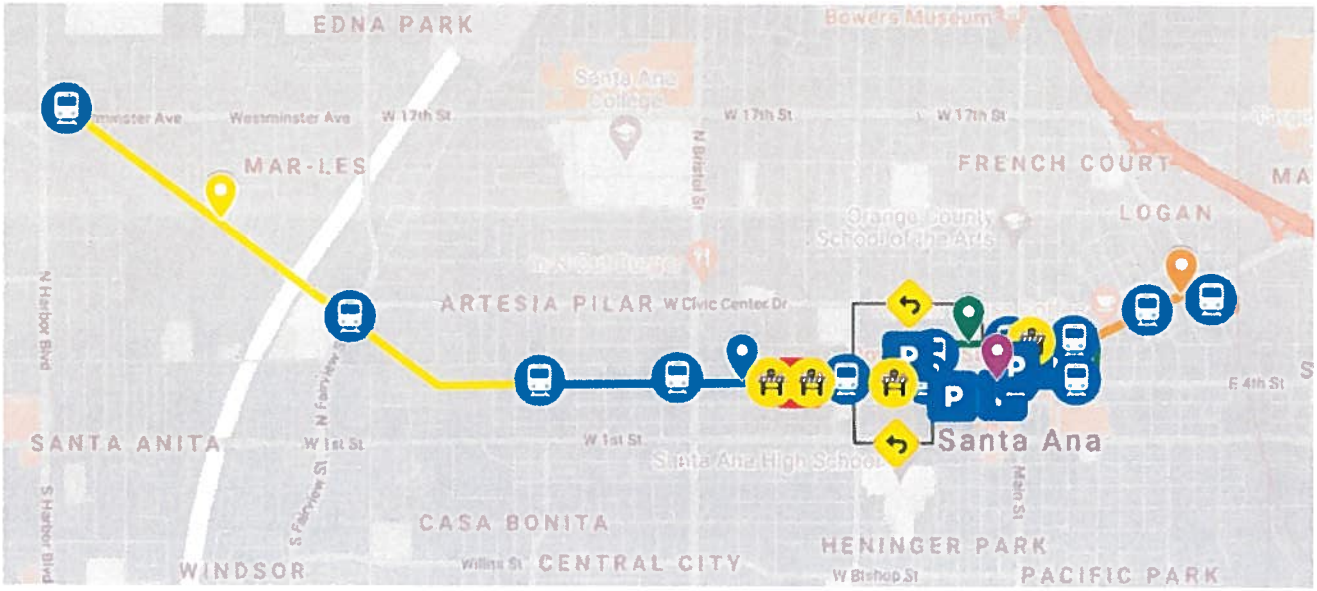
- Platform installation at French Street and Sycamore Street. Work requires lane closures on Santa Ana Boulevard from Parton Street to Mortimer Street. Learn more here.

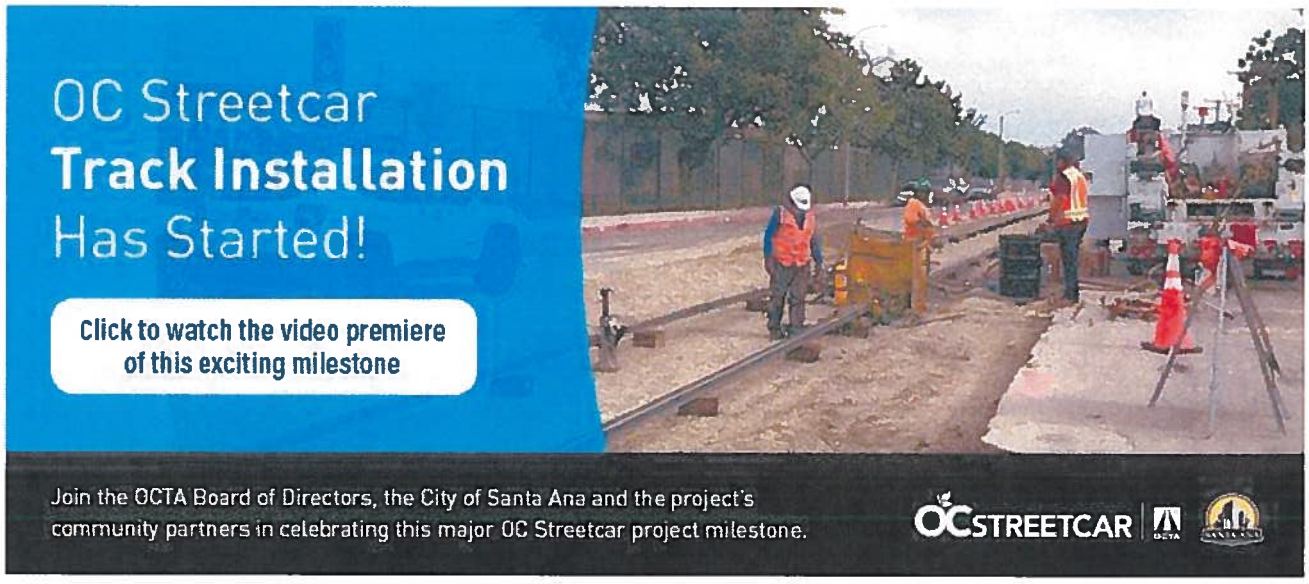
Access will be maintained for all residents and businesses. Construction activities are dependent on weather and resource availability.

Construction will be paused on December 24 and December 31 in observance of the Christmas and New Year holidays.

Click here form more information on track installation activities.

For specific work activities in your area, click on the map below.





OCTA's Eat Shop Play program supports businesses located along the future OC streetcar route. Benefits to customers include special deals, invitations to community events and free parking for the first hour in nearby structures. Learn more at octa.net/eatshopplay.

About the Project

OC Streetcar is the first modern streetcar project to be built in Orange County and will serve Santa Ana's historic and thriving downtown, which includes federal, state and local courthouses, government offices, colleges, an artists' village and a thriving restaurant scene. It will operate along a 4.15-mile route that connects the Santa Ana Regional Transportation Center (SARTC) and a new transit hub at Harbor Boulevard and Westminster Avenue in Garden Grove.

To share this e-blast, forward this link

OCstreetcar.com	OCstreetcar@octa.net	1(844) 7GO-OCSC or 1(844) 746-6272
facebook.com/OCstreetcar	@OCstreetcar	@OCstreetcar

OC Streetcar | 550 S. Main Street , Orange, CA 92868

WEEKLY MEMO 12-23-2021

SOCIAL MEDIA HIGHLIGHTS

Post Performance

December 16, 2021 – December 22, 2021

Review the lifetime performance of the posts you published during the publishing period.

Included in this Report

@CityGardenGrove

Garden Grove City Hall

gardengrovecityhall

Garden Grove City Hall
Thu 12/16/2021 9:39 am PST

Impressions	**937**
Reach	**884**
Engagements	**16**
Engagement Rate (per Impression)	**1.7%**

Garden Grove City Hall
Thu 12/16/2021 9:39 am PST

Impressions	**979**
Reach	**904**
Engagements	**16**
Engagement Rate (per Impression)	**1.6%**

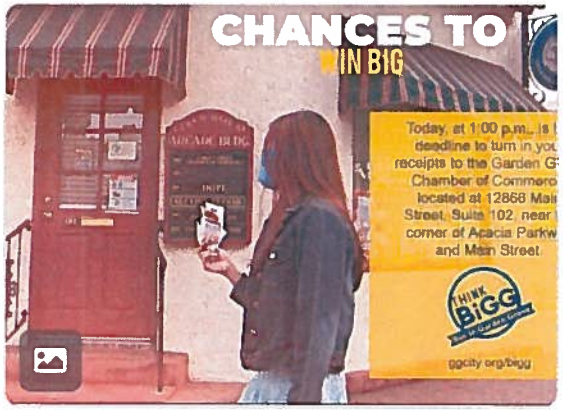
Garden Grove City Hall
Thu 12/16/2021 9:48 am PST

Today's the day!💸 Today, at 1 p.m., is the deadline to turn in receipts for Black Friday Goes BiGG. If you shopped in Garden...

Impressions	**966**
Reach	**918**
Engagements	**16**
Engagement Rate (per Impression)	**1.7%**

@CityGardenGrove
Thu 12/16/2021 9:49 am PST

Today's the day!💸 Today, at 1PM, is the deadline to turn in receipts for Black Friday Goes BiGG. If you shopped in GG, turn in...



Impressions	**375**
Potential Reach	**4,450**
Engagements	**15**
Engagement Rate (per Impressi...	**4%**

gardengrovecityhall
Thu 12/16/2021 9:51 am PST

Today's the day!💸 Today, at 1 p.m., is the deadline to turn in receipts for Black Friday Goes BiGG. If you shopped in Garden...

Impressions	**1,230**
Reach	**1,121**
Engagements	**22**
Engagement Rate (per Impressi...	**1.8%**

Garden Grove City Hall
Thu 12/16/2021 12:31 pm PST

UPDATE: DECEMBER 16, 2021 🗑REPUBLIC SERVICES UPDATE #GardenGrove residents: Republic Services expects to...

Impressions	**10,781**
Reach	**10,545**
Engagements	**997**
Engagement Rate (per Impres...	**9.2%**

gardengrovecityhall
Thu 12/16/2021 12:33 pm PST

UPDATE: DECEMBER 16, 2021 REPUBLIC SERVICES UPDATE #GardenGrove residents: Republic Services expects to...

Impressions	**2,518**
Reach	**2,264**
Engagements	**81**
Engagement Rate (per Impressi...	**3.2%**

@CityGardenGrove
Thu 12/16/2021 12:35 pm PST

UPDATE: DECEMBER 16, 2021 REPUBLIC SERVICES UPDATE To see the full update, please visit **bit.ly/3GTvGjB**. **#GG1956**

Impressions	**573**
Potential Reach	**4,610**
Engagements	**262**
Engagement Rate (per Impressi...	**45.7%**

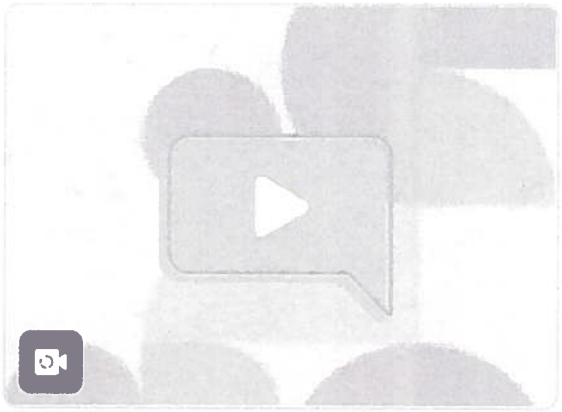
@CityGardenGrove
Thu 12/16/2021 12:36 pm PST

@Flight1917 Please see our most recent update: **bit.ly/3GTvGjB**.

Post Link Clicks	**5**
Impressions	**18**
Potential Reach	**—**
Engagements	**12**
Engagement Rate (per Impressi...	**66.7%**

gardengrovecityhall
Thu 12/16/2021 12:59 pm PST

BLACK FRIDAY GOES BIGG IS COMING TO AN END!! WHO WILL BE THE WINNERS? @GG_CHAMBER



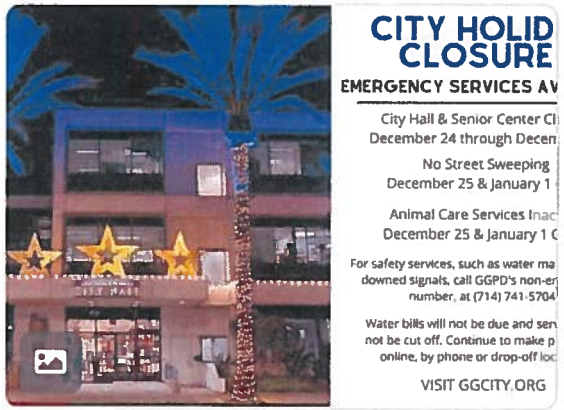
Impressions	**540**
Reach	**530**
Comments	**1**
Story Taps Back	**12**

gardengrovecityhall
Thu 12/16/2021 1:55 pm PST

Impressions	**442**
Reach	**422**
Comments	**0**
Story Taps Back	**13**

Garden Grove City Hall
Thu 12/16/2021 3:47 pm PST

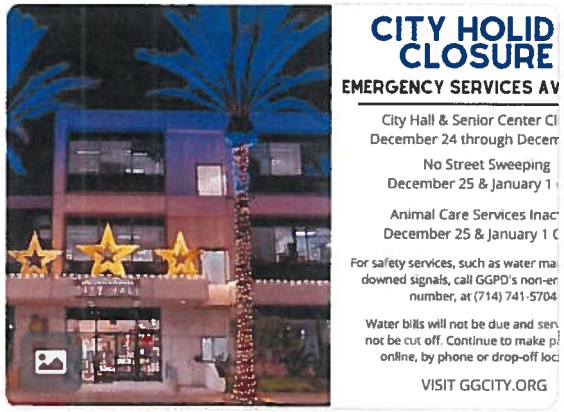
In observance of the holidays, #GardenGrove City Hall will be closed from Friday, December 24 through Friday,...



Impressions	**4,466**
Reach	**4,283**
Engagements	**79**
Engagement Rate (per Impressi...	**1.8%**

@CityGardenGrove
Thu 12/16/2021 3:49 pm PST

In observance of the holidays, **#GardenGrove** City Hall will be closed from Friday, December 24 through Frida...



Impressions	**413**
Potential Reach	**4,450**
Engagements	**3**
Engagement Rate (per Impressi...	**0.7%**

Garden Grove City Hall
Fri 12/17/2021 8:30 am PST

⚠️UPCOMING CLOSURES AND UPDATES⚠️
• CLOSURE: Westbound (WB) SR-22 on-ramp from Old Ranch Parkway closure w...

Impressions	**1,652**
Reach	**1,565**
Engagements	**25**
Engagement Rate (per Impressi...	**1.5%**

@CityGardenGrove
Fri 12/17/2021 8:30 am PST

🚧UPCOMING CLOSURES AND UPDATES🚧
• CLOSURE: Westbound (WB) SR-22 on-ramp from Old Ranch Parkway closure w...

Impressions	**468**
Potential Reach	**4,475**
Engagements	**19**
Engagement Rate (per Impressi...	**4.1%**

Garden Grove City Hall
Fri 12/17/2021 12:30 pm PST

December is #NationalImpairedDrivingPreventionMonth. Let's all have a safe holiday by planning...

Video Views	**202**
Impressions	**577**
Reach	**538**
Engagements	**34**
Engagement Rate (per Impression)	**5.9%**

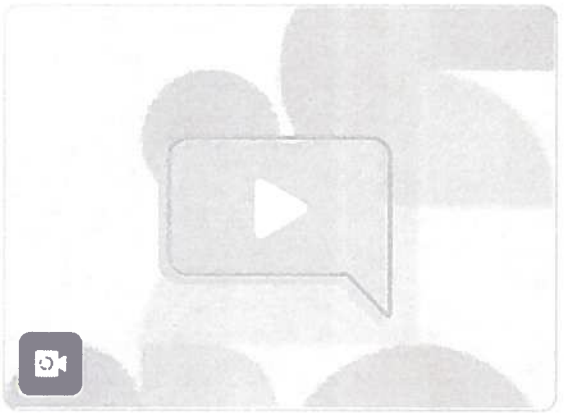
gardengrovecityhall
Fri 12/17/2021 12:30 pm PST

December is #NationalImpairedDrivingPreventionMonth. Let's all have a safe holiday by planning...

Video Views	**356**
Impressions	**905**
Reach	**823**
Engagements	**18**
Engagement Rate (per Impression)	**2%**

gardengrovecityhall
Fri 12/17/2021 1:01 pm PST

WINTER MOBILIZATION MESSAGE FROM THE CITY'S ACCIDENT REDUCTION TEAM @GARDENGROVEPD



Impressions	**441**
Reach	**434**
Comments	**0**
Story Taps Back	**5**

Garden Grove City Hall
Fri 12/17/2021 3:30 pm PST

🎉Bring in the holidays with @calasian_chamber's inaugural Holiday Hope Bazaar, to be held tomorrow,...

Impressions	**1,080**
Reach	**1,014**
Engagements	**18**
Engagement Rate (per Impressi...	**1.7%**

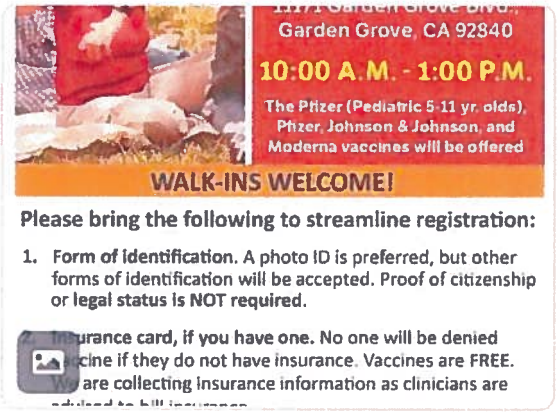
gardengrovecityhall
Fri 12/17/2021 3:30 pm PST

🎉Bring in the holidays with @calasian_chamber's inaugural Holiday Hope Bazaar, to be held tomorrow,...

Impressions	**1,186**
Reach	**1,059**
Engagements	**23**
Engagement Rate (per Impressi...	**1.9%**

Garden Grove City Hall
Sun 12/19/2021 8:30 am PST

Let's beat Omicron together. 💪 The County of Orange will open a mobile COVID-19 vaccine clinic tomorrow,...



Impressions	**1,239**
Reach	**1,209**
Engagements	**30**
Engagement Rate (per Impressi...	**2.4%**

@CityGardenGrove
Sun 12/19/2021 8:30 am PST

Let's beat Omicron together. 💪 OC will open a mobile COVID-19 vaccine clinic tmrw, 12/20, at McDonald's from 10AM-...

Impressions	**513**
Potential Reach	**4,457**
Engagements	**30**
Engagement Rate (per Impressi...	**5.8%**

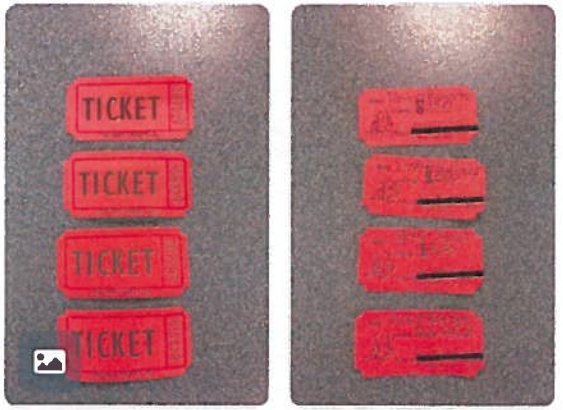
Garden Grove City Hall
Mon 12/20/2021 8:08 am PST

BiGG WINNERS ANNOUNCED 🎉💸
Congratulations to Donna Roberts, Dianne Galloway, Jeff Davis and Vickie Barber fo...

Impressions	**3,229**
Reach	**3,229**
Engagements	**116**
Engagement Rate (per Impressi...	**3.6%**

@CityGardenGrove
Mon 12/20/2021 8:12 am PST

BiGG WINNERS ANNOUNCED 🎉💸
Congratulations to Donna Roberts, Dianne Galloway, Jeff Davis & Vickie Barber for...



Impressions	**316**
Potential Reach	**4,462**
Engagements	**5**
Engagement Rate (per Impressi...	**1.6%**

gardengrovecityhall
Mon 12/20/2021 8:17 am PST

BiGG WINNERS ANNOUNCED 🎉💸
Congratulations to Donna Roberts, Dianne Galloway, Jeff Davis and Vickie Barber fo...

Impressions	**2,353**
Reach	**2,104**
Engagements	**87**
Engagement Rate (per Impressi...	**3.7%**

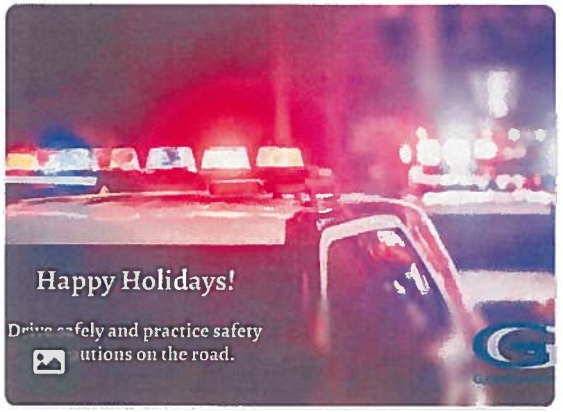
@CityGardenGrove
Mon 12/20/2021 9:58 am PST

#GardenGrove's Water Services has an emergency water shutdown, at 10111 Lola Ln, until 1PM. Crews are in the area repairing a service line. Approximately 15 units within the multi-unit complex will be impacted. For information, call (714) 741-5375. **#gg1956**

Impressions	**331**
Potential Reach	**4,463**
Engagements	**6**
Engagement Rate (per Impressi...	**1.8%**

Garden Grove City Hall
Mon 12/20/2021 3:09 pm PST

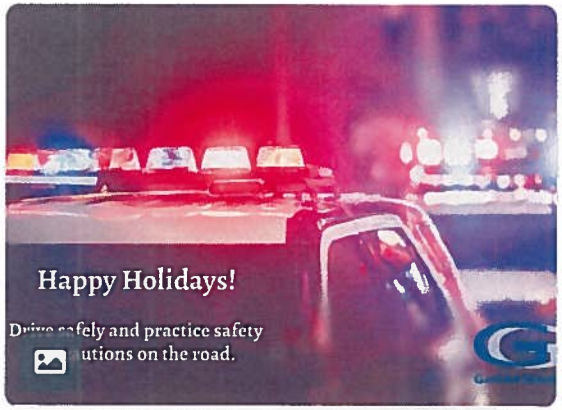
Millions of us will be traveling to visit friends and family over the holidays. The Garden Grove Police Department...



Impressions	**1,015**
Reach	**1,006**
Engagements	**23**
Engagement Rate (per Impressi...	**2.3%**

@CityGardenGrove
Mon 12/20/2021 3:11 pm PST

Millions of us will be traveling to visit friends and family over the holidays. GGPD encourages everyone to have a holiday...



Impressions	**299**
Potential Reach	**4,463**
Engagements	**7**
Engagement Rate (per Impressi...	**2.3%**

Garden Grove City Hall
Tue 12/21/2021 11:14 am PST

It's cold! While keeping warm at home is important, heater safety can help prevent fires and protect your loved ones. The...

Impressions	**751**
Reach	**749**
Engagements	**6**
Engagement Rate (per Impression)	**0.8%**

@CityGardenGrove
Tue 12/21/2021 11:15 am PST

It's cold! While keeping warm at home is important, heater safety can help prevent fires & protect your loved ones. The OCF...

Impressions	**220**
Potential Reach	**4,463**
Engagements	**8**
Engagement Rate (per Impressi...	**3.6%**

Garden Grove City Hall
Tue 12/21/2021 2:35 pm PST

✉Look for a postcard reminder in the mail for the Winter/Spring 2022 Parks & Recreation Guide, now available online a...

Impressions	**3,961**
Reach	**3,439**
Engagements	**166**
Engagement Rate (per Impressi...	**4.2%**

@CityGardenGrove
Tue 12/21/2021 2:37 pm PST

✉Look for a postcard reminder in the mail for the Winter/Spring 2022 Parks & Recreation Guide, now available online a...

Impressions	**261**
Potential Reach	**4,463**
Engagements	**2**
Engagement Rate (per Impressi...	**0.8%**

gardengrovecityhall
Tue 12/21/2021 2:43 pm PST

✉Look for a postcard reminder in the mail for the Winter/Spring 2022 Parks & Recreation Guide, now available online a...

Impressions	**1,243**
Reach	**1,175**
Engagements	**19**
Engagement Rate (per Impressi...	**1.5%**

Garden Grove City Hall
Wed 12/22/2021 8:30 am PST

Business Owners: Looking for help with marketing? Innovation Collective with Garden Grove announces a 6-week...

Impressions	**501**
Reach	**501**
Engagements	**8**
Engagement Rate (per Impression)	**1.6%**

@CityGardenGrove
Wed 12/22/2021 8:30 am PST

Business Owners: Looking for help with marketing? **@innovation_co_** with Garden Grove announces a 6 week...

Impressions	**192**
Potential Reach	**4,462**
Engagements	**4**
Engagement Rate (per Impressi...	**2.1%**

Garden Grove City Hall
Wed 12/22/2021 10:41 am PST

🎄 Republic Services offers curbside pickup for holiday trees. Visit: ggcity.org/news/tree-pickup-december27...

Impressions	**4,138**
Reach	**3,996**
Engagements	**332**
Engagement Rate (per Impressi...	**8%**

@CityGardenGrove
Wed 12/22/2021 10:43 am PST

🎄 **@RepublicService** offers curbside pickup for holiday trees. Visit: **ggcity.org/news/tree-pick... #gg195**...

Impressions	**209**
Potential Reach	**4,462**
Engagements	**5**
Engagement Rate (per Impressi...	**2.4%**

gardengrovecityhall
Wed 12/22/2021 10:47 am PST

🎄 Republic Services offers curbside pickup for holiday trees.

Impressions	**1,121**
Reach	**1,071**
Engagements	**22**
Engagement Rate (per Impressi...	**2%**

gardengrovecityhall
Wed 12/22/2021 10:47 am PST

Impressions	**658**
Reach	**628**
Comments	**0**
Story Taps Back	**6**

Garden Grove City Hall
Wed 12/22/2021 2:16 pm PST

Watch as #GardenGrove Mayor Steve Jones let's us in on a few exciting events taking place next year! #gg1956...

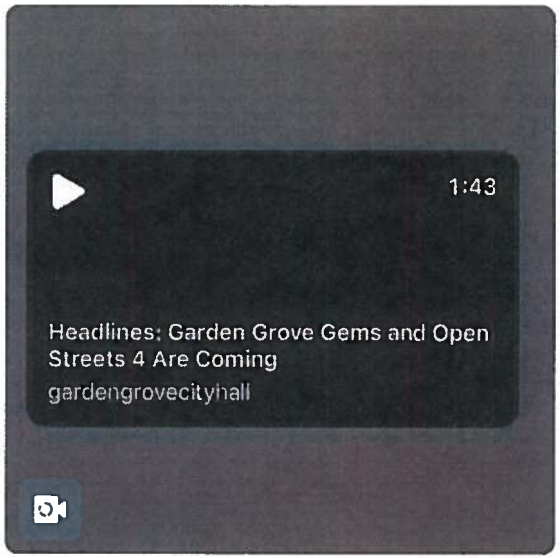
Video Views	**112**
Impressions	**319**
Reach	**309**
Engagements	**41**
Engagement Rate (per Impressi...	**12.9%**

gardengrovecityhall
Wed 12/22/2021 2:16 pm PST

Watch as #GardenGrove Mayor Steve Jones let's us in on a few exciting events taking place next year! #gg1956...

Video Views	**292**
Impressions	**978**
Reach	**737**
Engagements	**12**
Engagement Rate (per Impression)	**1.2%**

gardengrovecityhall
Wed 12/22/2021 2:18 pm PST



Impressions	**424**
Reach	**417**
Comments	**0**
Story Taps Back	**32**

@CityGardenGrove
Wed 12/22/2021 2:24 pm PST

youtube.com/watch?v=_nYgKQ... Season's Greetings! Watch as #GardenGrove Mayor Steve Jones let's us in on a few exciting events taking place next year! #gg1956 #gardengrove #gardengrovegems #ggopenstreets #artinthepark

Post Link Clicks	3
Impressions	194
Potential Reach	4,463
Engagements	8
Engagement Rate (per Impressi...	4.1%

Garden Grove City Hall
Wed 12/22/2021 3:26 pm PST

⚠️ #GardenGrove commuters: Now through, tentatively, mid-January, a portion of the southbound lane of Euclid...

Impressions	4,755
Reach	4,755
Engagements	323
Engagement Rate (per Impressi...	6.8%

@CityGardenGrove
Wed 12/22/2021 3:27 pm PST

⚠️#GardenGrove commuters: Now through, tentatively, mid-January, a portion of the southbound lane of Euclid...

Impressions	471
Potential Reach	4,648
Engagements	34
Engagement Rate (per Impressi...	7.2%

Post Performance

December 16, 2021 – December 22, 2021

Review the lifetime performance of the posts you published during the publishing period.

Included in this Report

Garden Grove Police Department

ggpdk9unit

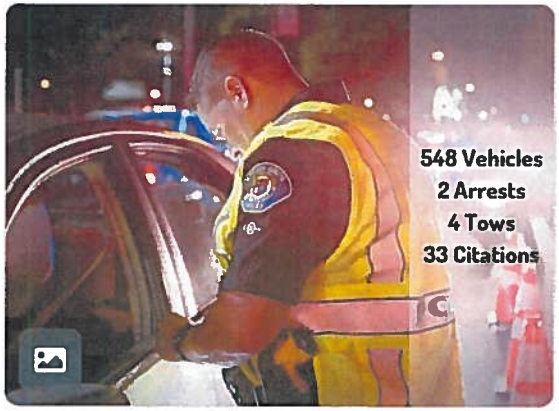
Garden Grove Police Depa...
Tue 12/21/2021 12:30 pm PST

We recently gained two new #heroes when we swore in Officers T. Rasmussen (Golden West College Academy graduate) and R....

Impressions	**3,696**
Reach	**3,696**
Engagements	**607**
Engagement Rate (per Impressi...	**16.4%**

Garden Grove Police Depa...
Mon 12/20/2021 12:00 pm PST

Over the weekend, #GardenGrovePD conducted a #DUICheckpoint (at Harbor Blvd and Chapman Ave) to help raise...



Impressions	**6,897**
Reach	**6,897**
Engagements	**480**
Engagement Rate (per Impressi...	**7%**

Garden Grove Police Depa...
Sun 12/19/2021 9:15 am PST

Yesterday, December 18, 2021 at 2:47 PM, #GardenGrovePD Officers were dispatched to a residence on the 13600 block of...

Impressions	**13,260**
Reach	**12,818**
Engagements	**2,477**
Engagement Rate (per Impres...	**18.7%**

ggpdk9unit
Sat 12/18/2021 12:00 pm PST

#K9Vader helping Santa, Mrs. Claus, and @Target spread holiday cheer at our recent Shop-With-A-Cop event. . . . #ggpdK9Uni...

Impressions	**1,903**
Reach	**1,820**
Engagements	**196**
Engagement Rate (per Impressi...	**10.3%**

Garden Grove Police Depa...
Fri 12/17/2021 9:01 pm PST

On December 12, 2021, #GardenGrovePD Officers responded to a residence on the 11900 block of Sycamore Ln, in referenc...

Impressions	**24,719**
Reach	**24,670**
Engagements	**4,304**
Engagement Rate (per Impres...	**17.4%**

Garden Grove Police Depa...
Fri 12/17/2021 3:00 pm PST

December is National Impaired Driving Prevention Month. Let's all have a safe holiday by planning ahead and not drivi...

Video Views	**1,000**
Impressions	**2,460**
Reach	**2,338**
Engagements	**209**
Engagement Rate (per Impressi...	**8.5%**

Garden Grove Police Depa...
Fri 12/17/2021 12:00 pm PST

7-Eleven recently dropped by with some goodies for #GardenGrovePD Officers to pass out to the community. So when you...

Video Views	**568**
Impressions	**1,522**
Reach	**1,454**
Engagements	**125**
Engagement Rate (per Impressi...	**8.2%**

Garden Grove Police Depa...
Thu 12/16/2021 6:30 pm PST

It's the time of the year to reflect and count our blessings. We are #thankful for...our partnerships with the many...

Impressions	**4,943**
Reach	**4,551**
Engagements	**433**
Engagement Rate (per Impressi...	**8.8%**

Post Performance

December 16, 2021 – December 22, 2021

Review the lifetime performance of the posts you published during the publishing period.

Included in this Report

@GardenGroveTV3

Garden Grove TV 3

Garden Grove TV 3
Wed 12/22/2021 2:21 pm PST

Season's Greetings! Watch as #GardenGrove Mayor Steve Jones let's us in on a few exciting events taking place...

Video Views	**17**
Impressions	**44**
Reach	**44**
Engagements	**15**
Engagement Rate (per Impressi...	**34.1%**

@GardenGroveTV3
Wed 12/22/2021 2:22 pm PST

youtube.com/watch?v=_nYgKQ... Season's Greetings! Watch as **#GardenGrove** Mayor Steve Jones let's us in on a few exciting events taking place next year! **#ggtv3**

Post Link Clicks	—
Impressions	—
Potential Reach	**442**
Engagements	—
Engagement Rate (per Impression)	—

NEWS ARTICLES

OC Register
December 22, 2021

Man suspected of Garden Grove bank robbery arrested

By CITY NEWS SERVICE | news@socalnews.com |
PUBLISHED: December 22, 2021 at 9:00 p.m. | UPDATED: December 22, 2021 at 9:36 p.m.

A 39-year-old Fullerton man was behind bars on suspicion of robbing a bank in Garden Grove.

Police were called at 1:50 p.m. Tuesday, Dec. 21, to the Bank of the West branch at 12976 Main St., police said.

The robber walked up to a teller, demanded money and ran off with about $500, police said.

Police caught up with the suspect, Justin Kearney Troy of Fullerton, on foot about a mile west of the bank, police said.

When officers ordered him to stop he kept going "with his hands in his pockets," but a police dog helped take him into custody and the cash was recovered, police said.

Assemblywoman Janet Nguyen to run for state Senate in coastal Orange County seat

Redistricting drew Republican Nguyen into an Assembly district with Democrat Cottie Petrie-Norris. Maps approved Monday are prompting political moves across the county.

Assemblywoman Janet Nguyen speaks during a news conference at the Asian Garden Mall in Garden Grove on Thursday afternoon, March 25, 2021, denouncing hate crimes against Asian-Americans and announcing that she plans to introduce legislation to address hate crimes in California. Nguyen will run for state Senate in 2022. (Photo by Mark Rightmire, Orange County Register/SCNG)

By **BROOKE STAGGS** | bstaggs@scng.com | Orange County Register
PUBLISHED: December 21, 2021 at 4:33 p.m. | UPDATED: December 21, 2021 at 4:52 p.m.

Assemblywoman Janet Nguyen announced Tuesday that she's jumping into the race for a new coastal Orange County state Senate seat that includes Little Saigon.

"Having represented large portions of this district in prior years, I am excited about being able to represent this new district that includes additional coastal communities," said Nguyen, a Republican from Fountain Valley.

It's the latest political shuffle to come one day after California's Citizens Redistricting Commission approved new political boundaries for the state's 40 state Senate and 80 Assembly districts.

Nguyen, 45, has already served one term in the Senate. She was elected in 2014 but was narrowly voted out in 2018 before winning her current Assembly seat last November.

She currently represents an Assembly district that covers northwestern Orange County, from Garden Grove west to Seal Beach and from Los Alamitos south to Huntington Beach. But new maps approved Monday as part of a once-in-a-decade redistricting process drew Nguyen into a coastal Assembly district with Democratic Assemblywoman Cottie Petrie-Norris, which would have set up a tough battle between the incumbents in 2022.

However, the maps, based on recent census data, also created a new state Senate district that stretches from San Clemente to Seal Beach and inland to incorporate Little Saigon. The new Senate District 36 has no incumbent from either party living in its boundaries, prompting Nguyen to dive in with promises of protecting taxpayers, increasing public safety and improving the business climate.

Nguyen has been the first woman and Vietnamese American to hold several local and state seats. She started on the Garden Grove City Council in 2004, won a county Supervisor seat in 2007 and became a State Senator in 2014. She noted in her campaign announcement Monday that in those various roles she's represented the majority of the voters of this newly drawn Senate District for 18 years.

During her Assembly term so far, Nguyen has authored 17 bills. None have been signed into law, though she said some of her proposals have been covered by other approved legislation. She hasn't held any traditional town halls and posts little information about her service on her website, though she's active on social media and at community events.
At the end of this Assembly term, Nguyen will have served six years in the state legislature. She's allowed to serve a total of 12 years under term limits that took effect in 2012. So if she's elected to the Senate again, she'd be able to serve one four-year term there, then have the option of trying for one more two-year Assembly term before hitting the wall.

So far, no Democrats have declared an interest in running for the new SD-36 seat, which will lean red. A majority of voters (52.5%) in the district supported Republican John Cox for governor in 2018, while nearly 49% voted for President Donald Trump in 2020.

Nguyen's office said State Sen. Pat Bates, R-Laguna Niguel, who is termed out next year, will serve as chair of Nguyen's Senate campaign.

Bates' current Senate district covers southern Orange County and northern San Diego County. But the revised district — now numbered Senate District 38 — becomes more blue and includes a narrower swath of Orange County, with only San

Juan Capistrano, Laguna Hills, Mission Viejo and Rancho Santa Margarita in its borders.

Encinitas Mayor Catherine Blakespear said Tuesday that she'll continue her 2022 campaign in that newly numbered SD-38.

When the new political maps kick in next year Orange County will have six Senate seats, up from five now. Information about who's running for the other local seats is only starting to trickle in.

State Sen. Tom Umberg, D-Santa Ana, announced late Monday that he's running for reelection in 2022 to represent the newly redrawn 34th State Senate District, which includes La Habra, Santa Ana, Garden Grove, Anaheim, Fullerton and others in Orange and Los Angeles counties.

State Sen. Dave Min, D-Irvine, also said he intends to run for reelection in his redrawn east Orange County district, which is still labeled SD-37 and, as an odd-numbered district, won't be up until 2024.

Candidates have until March 11 to enter these races before the June 7 primary.

OC Register
December 19, 2021

55-year-old man arrested on suspicion of beating his girlfriend to death in Garden Grove

By **CITY NEWS SERVICE** | news@socalnews.com |
PUBLISHED: December 19, 2021 at 8:42 a.m. | UPDATED: December 19, 2021 at 1:57 p.m.

A 55-year-old man was arrested on suspicion of murder inside a home in Garden Grove where he allegedly beat to death a woman with whom he had been in a long-term dating relationship, authorities said.

Officers dispatched shortly before 3 p.m. Saturday to a home in the 13600 block of Glenhaven Drive in reference to a woman in distress were informed that someone now was dead inside the residence, said Detective Sgt. Evan Beresford of the Garden Grove Police Department.

There, officers found a woman in the living room with "major trauma to her face and head area," Beresford said. She was pronounced dead at the scene.

The suspect's description was broadcast to officers and a patrol officer located him in the area of Garden Grove Boulevard and Nelson Street, he said.

Manuel Martin Veerman was taken into custody, questioned and later booked on suspicion of murder at the Orange County Jail.

"Detectives learned that witnesses heard Veerman and the victim arguing inside the residence before he left," Beresford said. "Once he was gone, one of the witnesses entered the home and found the victim unresponsive and called police. It was also discovered that Veerman and the victim have been in a long-term dating relationship."

Garden Grove police detectives urged anyone with information regarding the homicide to call them at 714-741-5824.

OC Register
December 18, 2021

Man shoots, kills girlfriend's ex-boyfriend after forced entry into Garden Grove home

By CAITLIN ANTONIOS | cantonios@scng.com |
PUBLISHED: December 18, 2021 at 12:17 a.m. | UPDATED: December 18, 2021 at 12:58 p.m.

A man shot and killed his girlfriend's ex-boyfriend after a second break-in at her house on Friday, Dec. 17, Garden Grove police said.

At around 11 a.m. officers responded to reports of shots fired in the 11900 block of Sycamore Lane in Sycamore Walk, a small, gated community of two-story houses along Garden Grove Boulevard near Harbor Boulevard.

They found a man face down on the staircase with gunshot wounds who died of his injuries. He later was identified by police as Jeffrey Gomes, 46, of Garden Grove, the girlfriend's ex-boyfriend.

An initial investigation revealed the ex-boyfriend had forced his way into the house for a second time and was heading upstairs when the current boyfriend fired several rounds, according to police.

Five days earlier, they were called to the same location because of an assault with a deadly weapon. The current boyfriend told officers he was in the kitchen with his girlfriend when Gomes broke in through the back door, charged at him with a knife and threatened to kill him, police said in a news release.

The current boyfriend was stabbed multiple times in the chest before escaping to a nearby business for help and later was transported to UCI Medical Center for treatment. Gomes escaped before police arrived.

Gomes had an active domestic violence restraining order against him to prevent him from contacting his ex-girlfriend or going to that location, the release said.

The girlfriend lives at the house. It wasn't known if the current boyfriend also had been living there, Police Lt. Mario Martinez said.

Police believe there is no threat to the public. The investigation is ongoing and witnesses or anyone with information can contact Detective Lopez at the Garden Grove Police Department, at 714-741-5818.

Staff writer Nathaniel Percy contributed to this report.

GARDEN GROVE

CITY OF GARDEN GROVE
NEWS

CONTACT: Ana Vergara-Neal
(714) 741-5554
Public Works Department

FOR IMMEDIATE RELEASE

Public Information Office (714) 741-5280

Follow the City of Garden Grove on Social Media

Wednesday, December 22, 2021

REPUBLIC SERVICES TO PROVIDE TREE PICKUP STARTING DECEMBER 27

Republic Services will provide free pick up of holiday trees during a 2-week period, beginning Monday, December 27 through Friday, January 7. Also, in observance of the Christmas and New Year's holidays, trash pickup will be delayed by one day on December 25 and on January 1.

If you are disposing of a tree, please remove all ornaments, decorations, stands, tinsels, nails, plastic and lights. Be sure to also place out holiday trees on the curb the night before trash collection day. Flocked trees are not recyclable and are not eligible for the free collection, but may be disposed of in the regular trash container or by scheduling a bulky item pickup.

For questions about holiday trash or tree pickups, call Republic Services at (800) 700-8610 or visit www.republicservices.com.

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GARDEN GROVE

CITY OF GARDEN GROVE
NEWS

FOR IMMEDIATE RELEASE

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Public Works Department

Public Information Office (714) 741-5280
Follow the City of Garden Grove on Social Media

Thursday, December 16, 2021

CITY HALL CLOSED, NO STREET SWEEPING CHRISTMAS AND NEW YEAR'S DAY

In observance of the Christmas and New Year's Day holidays, Garden Grove City Hall and the H. Louis Lake Senior Center will be closed from Friday, December 24 through Friday, December 31. No street sweeping services will be provided on December 25 and January 1. Streets will be swept as scheduled on all other days.

Animal Care Services will continue to operate on a normal basis except for December 25 and January 1, when only emergency services will be available by calling the Garden Grove Police Department Dispatch at (714) 741-5704.

For police or fire emergencies, call or text 9-1-1. Non-emergencies can be reported by calling the Garden Grove Police Department Dispatch at (714) 741-5704.

For safety emergencies, such as water main breaks or downed signals, call the Garden Grove Police Department Dispatch at (714) 741-5704.

During the holiday closure, water bills will not be due and services will not be cut off. Water bill payments can be made online at ggcity.org/water; by phone at (888) 867-2992; or dropped off in the payment box outside Garden Grove City Hall, 11222 Acacia Parkway (cash will not be accepted).

For more information on street sweeping, call the Public Works Department at (714) 741-5375.

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