



Board of Directors
Michael W. Mobley, President
Bruce E. Dandy, Vice President
Sheldon G. Berger, Secretary/Treasurer
Patrick J. Kelley
Lynn E. Maulhardt
Edwin T. McFadden III
Daniel C. Naumann

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

AGENDA **ENGINEERING and OPERATIONS COMMITTEE**

Thursday, October 1, 2020, at 9:00 am

Boardroom, 1701 North Lombard Street, Oxnard CA 93030

Meeting attendees should be aware that the meetings of the Committee are, as required by law, open to the public and the District has very limited powers to regulate who attends Committee meetings. Therefore, attendees must exercise their own judgement with respect to protecting themselves from exposure to COVID-19, as the District cannot ensure that all attendees at public meetings will be free from COVID-19.

**In addition to its public Engineering and Operations Committee Meeting,
people may choose to participate virtually
using the Webex video conferencing application.**

**If you are new to Webex video conferencing,
please visit this test page in advance of the meeting date and time:**

<https://www.webex.com/test-meeting.html>

To access the meeting, click on this link:

<https://unitedwaterconservationdistrict.my.webex.com/unitedwaterconservationdistrict.my/j.php?MTID=m0fec6bb5e5e8246835ed77cf5e60b32f>

Meeting number: 142 485 9382

Password: EnOC (3662 from phones)

Join by phone call in to +1-408-418-9388 (toll rates apply)

Access code: 142 485 9382

Call to Order – Open Session Committee Members roll call

1. Public Comment (Proposed Time: 5 minutes)

The public may comment on any matter not on the agenda within the jurisdiction of the Committee. All comments are subject to a five-minute time limit.

2. Approval of Minutes (Proposed Time: 5 minutes)

The Committee will review the minutes from the September 3, 2020 Committee meeting.

3. October 14, 2020 Board Meeting Motion Agenda Items

3.1 Accept Utility Easement Deeds at Pumping Trough Pipeline Turnout No. 125

(Engineering Department) (Proposed Time: 5 minutes)

The committee will review the Utility Easement Deeds at Pumping Trough Pipeline Turnout No.125.

4. Project Highlights

4.1 Hueneme Road Bid Results – Update (Engineering) (Proposed Time: 5 minutes)

4.2 Rice Avenue Grade Separation Project – Update (Engineering) (Proposed Time: 10 minutes)



4.3 Longer Term Solution to Dredging Process and Outline of CDFW Consultation related to Proposed Lake and Streambed Alteration Agreement - Update
(Operations and Maintenance) (Proposed Time: 20 minutes)

4.4 Design of the Hardened Ramp and Vertical Slot – Timeline (Engineering) (Proposed Time: 15 minutes)

5. Future Agenda Topics

ADJOURNMENT

Directors:

Lynn Maulhardt, Chair
Edwin T. McFadden III
Daniel C. Naumann

Staff:

Mauricio E. Guardado Jr.	Dr. Maryam Bral
Anthony Emmert	Craig Morgan
Brian Collins	Michel Kadah
Robert Richardson	Linda Purpus
Adrian Quiroz	

The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied the benefits of, the District's services, programs or activities because of any disability. If you need special assistance to participate in this meeting, please contact the District Office at (805) 525-4431. Notification of at least 48 hours prior to the meeting will enable the District to make appropriate arrangements.

Approved: _____

Mauricio E. Guardado Jr., General Manager

Posted: (date) September 24, 2020 (time) 4:00p.m.

At: United Water Conservation District Headquarters, 1701 Lombard Street, Oxnard CA 93030

Posted: (date) September 24, 2020 (time) 4:15p.m.

At: www.unitedwater.org

Dr. Maryam Bral, Chief Engineer

(attest) *Destiny Rubio*

(attest) *Destiny Rubio*



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MINUTES
ENGINEERING & OPERATIONS
COMMITTEE MEETING
Thursday, September 3, 2020, 9:00 A.M.
Board Room

UWCD, 1701 North Lombard Street, Oxnard CA 93030

In addition to its public Engineering and Operations Committee meeting, UWCD provided virtual access to the meeting via the Webex virtual meeting platform.

COMMITTEE MEMBERS

Lynn E. Maulhardt, chair (participated via Webex)
Edwin T. McFadden III (participated via Webex)
Daniel C. Naumann

STAFF ATTENDING

Mauricio E. Guardado, Jr., general manager
Anthony Emmert, assistant general manager
Dr. Maryam Bral, chief engineer
Brian Collins, operations and maintenance manager
Josh Perez, human resource manager
Zachary Plummer, IT administrator
Craig Morgan, senior engineer
Robert Richardson, senior engineer (participated via Webex)
Kris Sofley, executive administrative coordinator/clerk of the board
Evan Lashly, assistant ecologist (participated via Webex)
John Carman, operations and maintenance program supervisor (participated via Webex)
Joseph Jereb, chief financial officer (participated via Webex)
Clayton Strahan, chief park ranger (participated via Webex)

PUBLIC PRESENT

Frank Brommenschenkel (participated via Webex)

OPEN SESSION: 9:02a.m.

Director McFadden called the Engineering & Operations Committee Meeting to order at 9:02 am.

1. Public Comment

Director McFadden asked if there were any public comments for the Committee. None were offered.

2. Approval of Minutes

Motion to approve the Minutes from the July 2, 2020 Engineering and Operations Committee meeting, Director Naumann; Second, Director McFadden. Voice vote, two ayes (McFadden, Naumann). None opposed. Minutes approved unanimously.

3. September 9, 2020 Board Meeting Motion Agenda Items

1. Resolution 2020-16 Authorizing General Manager and Chief Engineer as signatories for Cal OES Hazard Mitigation Grant Program

Chief Engineer Maryam Bral provided updates and slides (see attached) on the Cal OES Hazard Mitigation Grant Program for Resolution 2020-16 and asked the Committee to recommend approval of the resolution to authorize the General Manager and Chief Engineer as signatories for the Cal OES Hazard Mitigation Grant Program to the Board. Chair Naumann and Chair McFadden agreed to recommend to the Board to approve the resolution.

2. Accept Utility Easement Deeds at Pumping Trough Pipeline Turnout No. 126

Dr. Bral provided updates and slides (see attached) on the Utility Easement Deed at Pumping Trough Pipeline Turnout No. 126 and asked the Committee to recommend approval of the easement as well as authorization of the General Manager to sign and record the utility easement deed to the Board. Dr. Bral also provided a status update on activity regarding the PTP Metering replacement project. Chair Naumann and Chair McFadden agreed to recommend authorizing the General Manager to sign and record the utility easement deed to the Board.

3. Authorize General Manager to execute Professional Services Agreement with DOD Construction for the Grand Canal Headworks Project

Senior Engineer Craig Morgan provided updates and slides on the Grand Canal headworks replacement project (see attached). Mr. Morgan stated that the capacity of the structure will be expanded up to 500 cfs. Director Naumann inquired if the 500 cfs can be easily increased down the line to 750 cfs by utilizing other infrastructure. Mr. Morgan stated if this were to occur, there would be other considerations at that point in time. General Manager Mauricio E. Guardado, Jr. asked if this would inhibit a diversion of 750 cfs. Mr. Morgan stated no, explaining that because of additional infrastructure that increase would be possible. Director McFadden and Director Naumann agreed to recommend authorizing the General Manager to sign the professional services agreement with DOD Construction for the Grand Canal Headworks Project to the Board.

4. Amendment to Northwest Hydraulic Consultants Professional Services Agreement

Mr. Morgan provided updates on Northwest Hydraulic Consultant's (NHC) involvement in the design of the hardened ramp fish passage alternative for the Freeman Diversion. Mr. Morgan requested an amendment in the amount of \$115,000 for additional analysis of the design.

Chair Maulhardt joined the meeting at 9:23 am.

Chair Maulhardt, Director McFadden and Director Naumann agreed to recommend authorizing the General Manager to sign the amendment to the professional services agreement with NHC for additional analysis of the design of the hardened ramp fish passage alternative to the Board.

4. Project Highlights

1. Freeman Diversion Sediment Removal

Operations and Maintenance Manager Brian Collins provided updates and slides (see attached) regarding the Freeman Diversion Sediment Removal activity. Chair Maulhardt inquired if sand will fill quickly during the rain season. Mr. Collins stated that there is no intent to perform this activity in the Winter. Chair Maulhardt inquired about what can be done as a long-term solution to this problem. Mr. Collins stated that this activity was a resourceful alternative method at a cost of \$50,000 a month for equipment, and that he is working with Rincon Consultants to address this next year. Mr. Emmert emphasized that the targeted dredging is an alternative to dry season flushing and is a way to remove sediment in the summertime. Mr. Emmert added that in the past it has been marginally effective with a dry riverbed. Chair Maulhardt stated that the \$50,000 cost for the equipment is only a base charge and it does not include gas and staff time. This activity has given United the opportunity to deliver water to the PTP systems, the El Rio spreading basins, and has provided enough water to meet PV and PTP needs completely. Mr. Collins agreed, adding that this activity also supports nitrate dilution at the El Rio facility and without it United would otherwise run deep wells and increase electrical costs. Mr. Guardado added that this activity affected every corner of the service area and demonstrates to stakeholders that United is working hard.

2. Recycled Water

Dr. Bral provided updates and slides (see attached) on the Recycled Water project and the activity relating to the City of Oxnard's bids for the Hueneme road pipeline project. Chair Maulhardt inquired about the bid deadline and requested an update on the bids either at the Board meeting or the next committee meeting.

5. Future Agenda Topics

Chair Maulhardt requested Staff to provide an update of a longer-term solution to the dredging process and additional information on the City of Oxnard's bidding process for the Hueneme Road pipeline project. Director Naumann requested an update on the timeline for the design structures of the fish passage alternatives for the Freeman Diversion. Mr. Guardado requested a future agenda item outlining the proposed lake and streambed alteration agreement.

ADJOURNMENT 10:18 a.m.

Chair Maulhardt adjourned the Engineering and Operations Committee meeting at 10:18 am.

I certify that the above is a true and correct copy of the minutes of the Engineering and Operations Committee Meeting of September 3, 2020.

ATTEST: _____
Lynn Maulhardt, Chair





Engineering
MOTION ITEMS

September 3rd, 2020

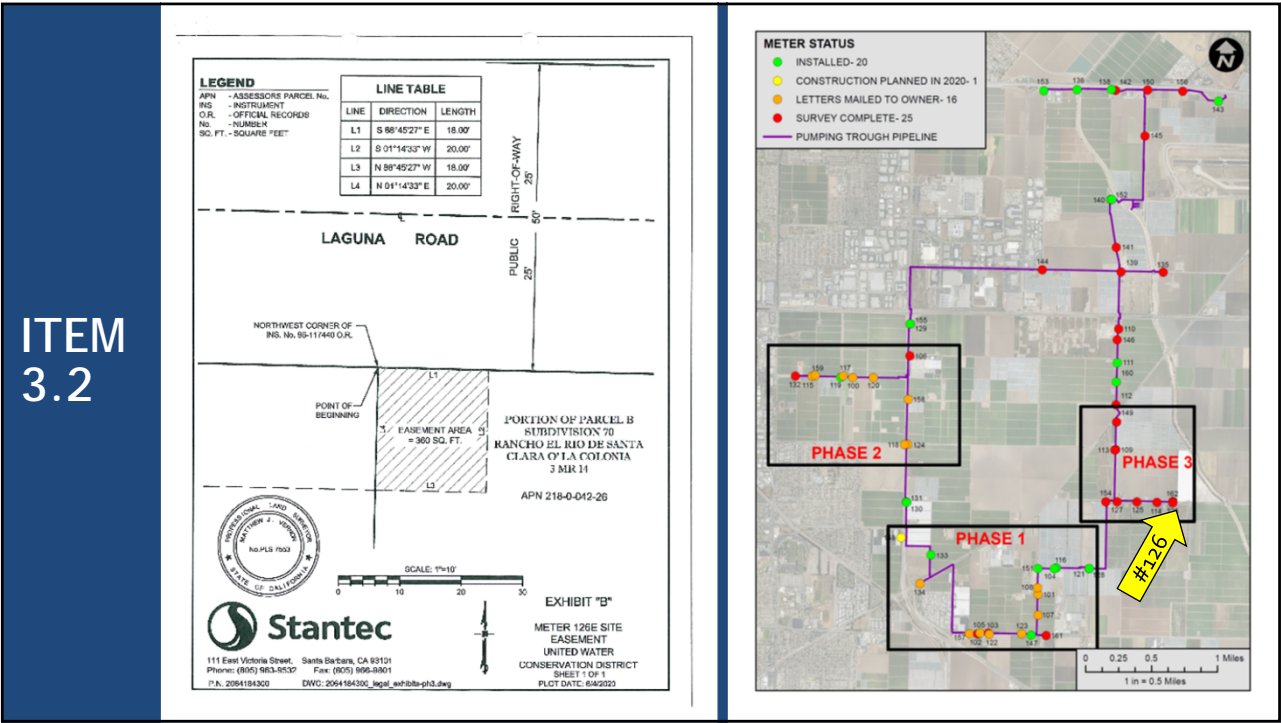
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ITEM 3.1

☐ Resolution 2020-16 authorizing General Manager and Chief Engineer as signatories for CalOES Hazard Mitigation Grant Program.

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ITEM 3.3 GRAND CANAL HEADWORKS REPLACEMENT

☐ Bid Opening Date: August 20

☐ Number of Bids: 5

☐ Bids: \$273,000 - \$728,000

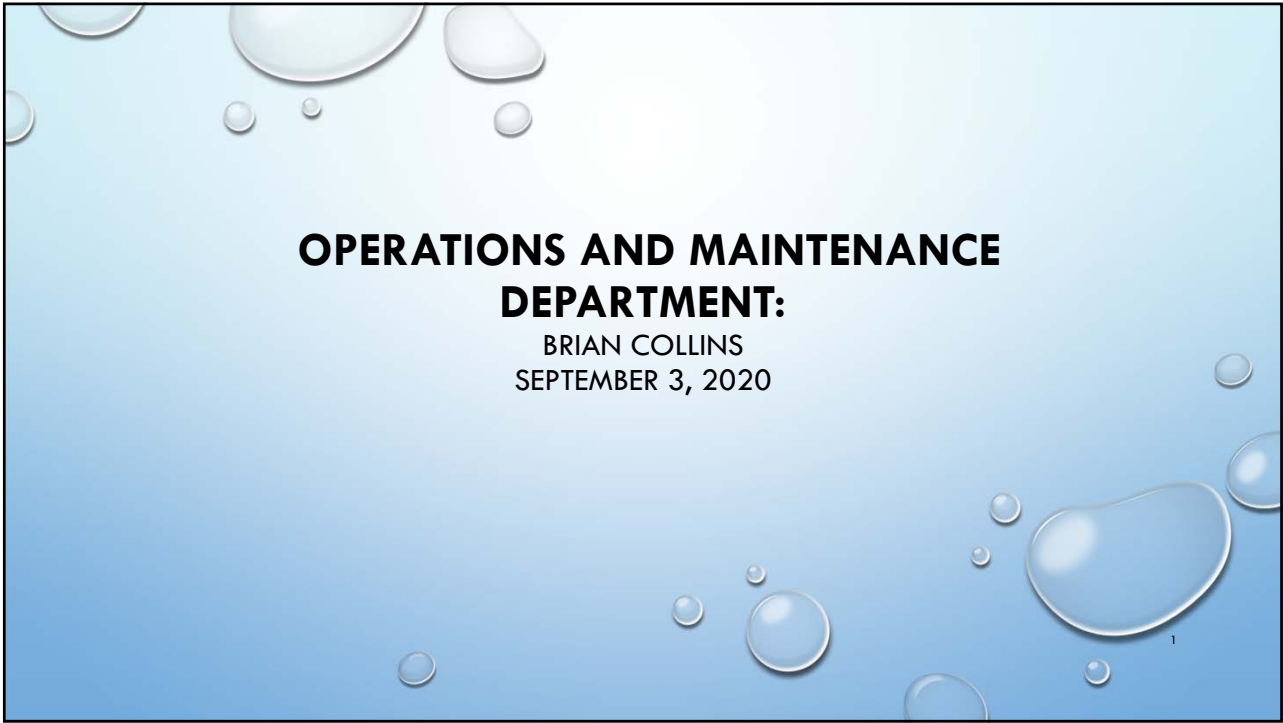
☐ Staff recommendation:
The Lowest Responsible Bid



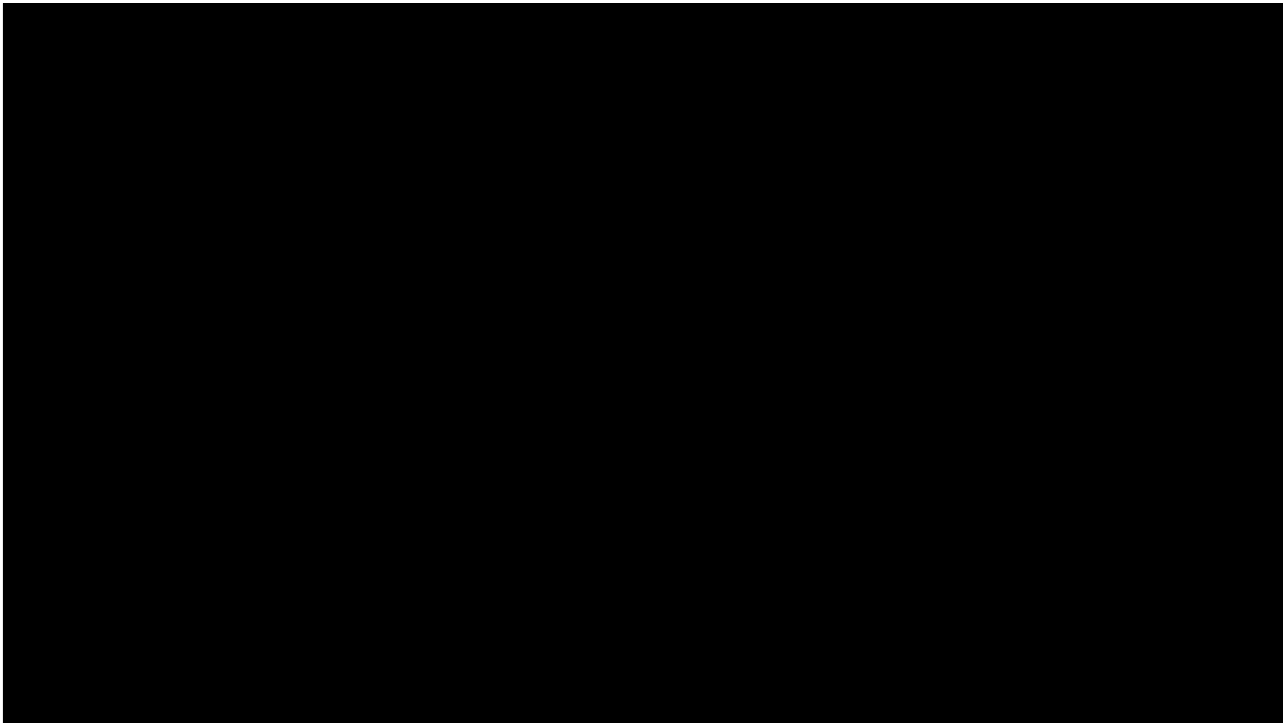
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ITEM 3.4 AMENDMENT TO NHC CONTRACT

- Original Contract Amount - \$567,859
- Amendment No.1 Amount - \$115,000
- Total Current Contract Amount - \$682,859
- Work beyond the original scope -
Design development process for the physical modeling
of the hardened ramp fish passage alternative



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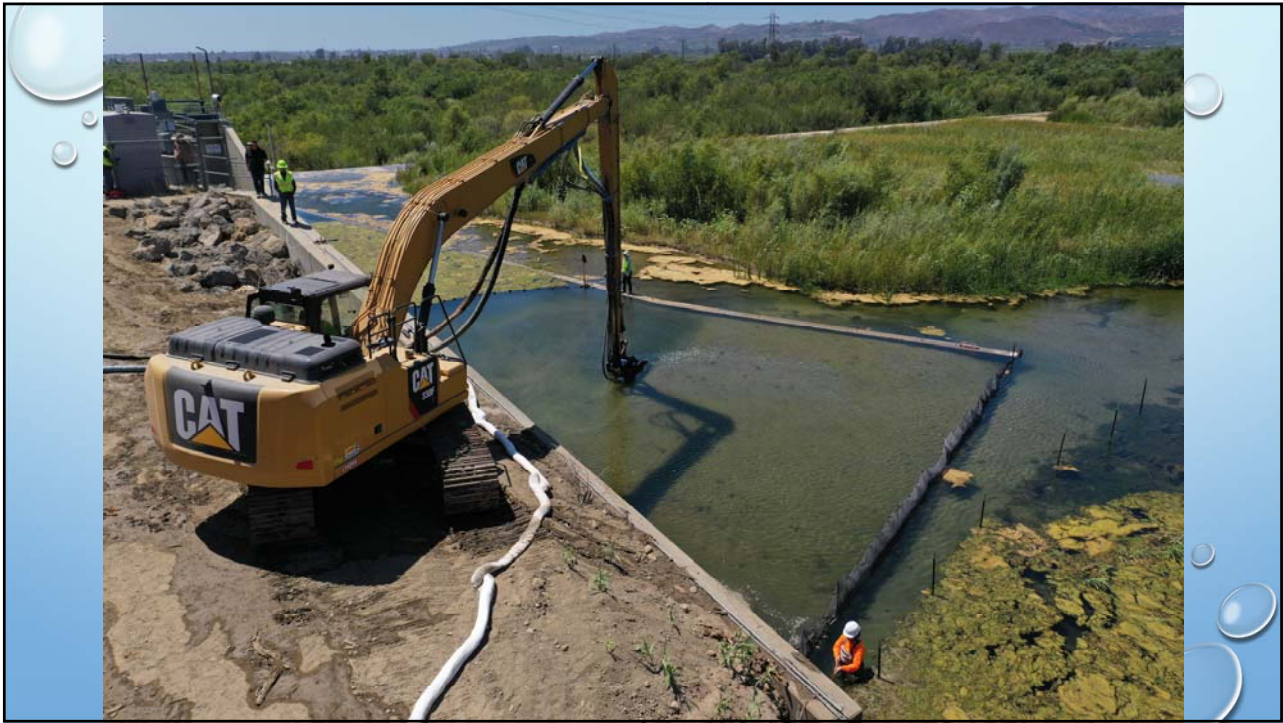
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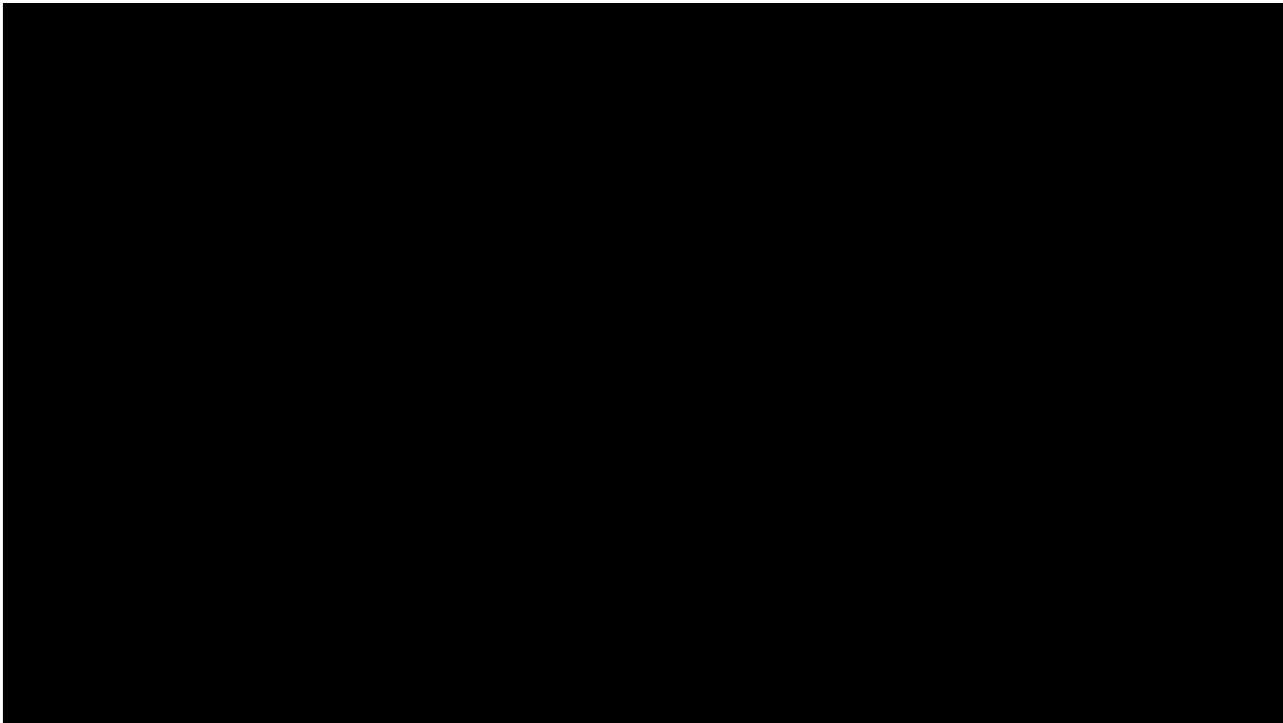
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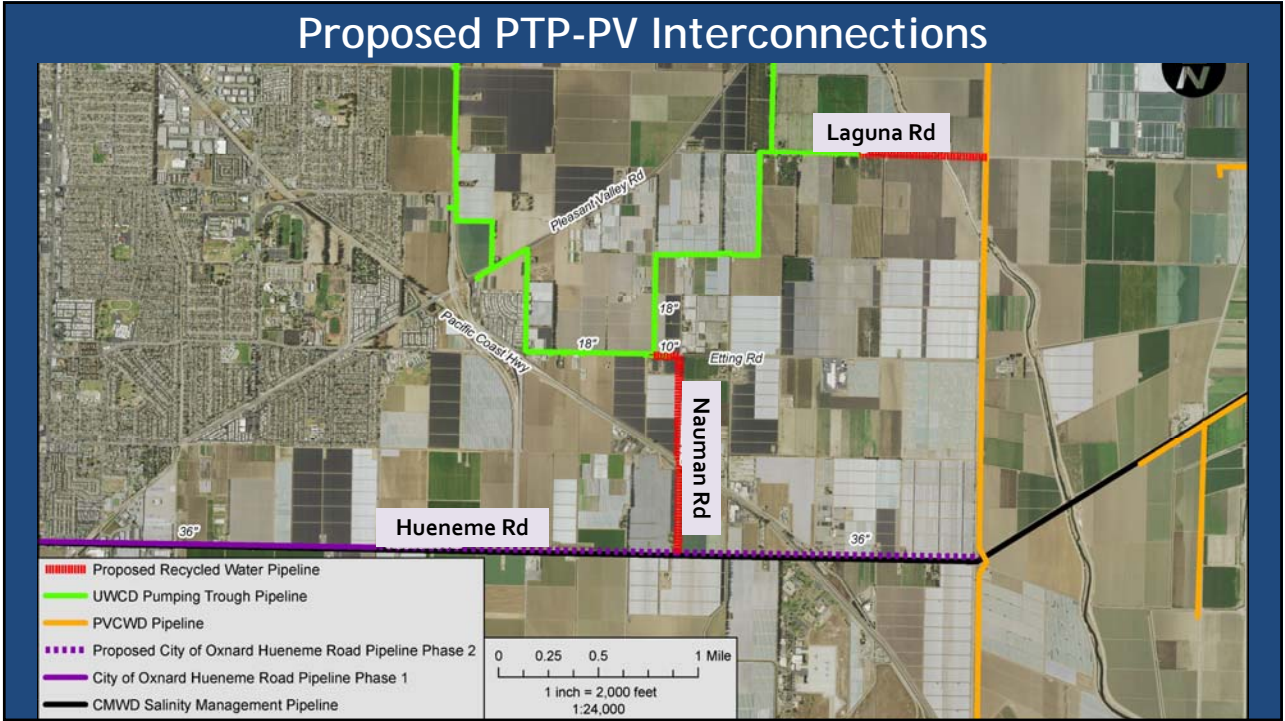
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Recycled Water

Project Highlights

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PTP-PVCWD INTERCONNECTION FUNDING OPPORTUNITY

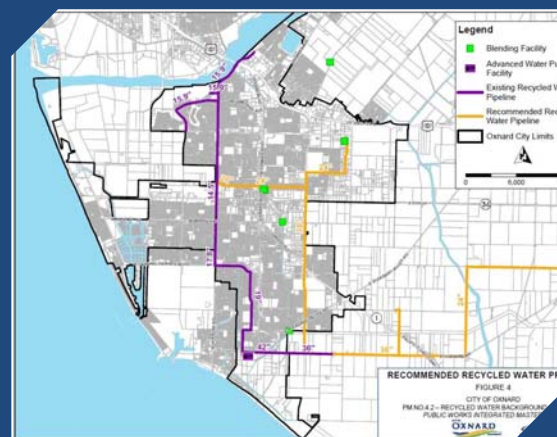
- ❑ USDA Natural Resources Conservation Service (NRCS) Grant Funding Programs
- ❑ Proposed PTP-PVCWD Interconnection project
- ❑ Met with the NRCS' engineers to discuss project concept, benefits and specific information
- ❑ Proposed project is under evaluation by the NRCS

3

CITY OF OXNARD'S RECYCLED WATER PROJECT

Hueneme Rd Recycled Water Pipeline Phase II Rebid

- ❖ New Bid Due Date: 2 pm on Sept 2
- ❖ New Bid Opening Date: 2 pm on Sept 3
- ❖ Construction duration: to start in 2020 and be completed in 2021
- ❖ Nauman Rd pipeline excluded but a 24-inch turnout included in the bid documents



4



Staff Report

To: Engineering and Operations Committee

Through: Mauricio E. Guardado, Jr., General Manager

From: Maryam A. Bral, Chief Engineer
Robert J. Richardson, Senior Engineer

Date: September 24, 2020 (October 1, 2020 Committee Meeting)

Agenda Item: **3.1 Accept Utility Easement Deeds at Pumping Trough Pipeline Turnout No. 125**
Motion

Staff Recommendation:

The Committee will consider recommending to the Board that it authorize the General Manager to sign and record utility easement deed granted to the United Water Conservation District by Mary C. Menne Associates, a Limited Partnership, related to Pumping Trough Pipeline (PTP) Turnout No. 125. to the full Board at its regular October 14, 2020 meeting.

Discussion:

The District is working on acquiring utility easement deeds for various turnout locations on the PTP system in order to complete the PTP Irrigation Efficiency Meter Replacement Project (Capital Improvement Project No. 8022) and fulfill a grant requirement for the project.

Mary C. Menne Associates, a Limited Partnership, has agreed and executed a utility easement deed granting the District an approximate 300 square foot utility easement, located on Assessor's Parcel No. 218-0-042-040, and shown in Attachment A.

Fiscal Impact

The District would not incur any new costs by signing and recording the utility easement deeds.

Attachments:

Attachment A – 2020-08-25 Mary C. Menne Associates, a Limited Partnership UWCD Utility Easement Deed of Ventura County APN 218-0-042-040

Attachment B – Property Map Location

RECORDING AT REQUEST OF
Hamner, Jewell & Associates

AND WHEN RECORDED MAIL TO:

United Water Conservation District 106
North 8th Street Santa Paula, CA 93060

APN: 218-0-042-040

SPACE ABOVE THIS LINE IS FOR RECORDER'S USE

Exempt from the \$75 Building and Jobs Act Fee per Gov't Code § 27388.1(2)(D) Public Agency
No Fee Required: Govt. Code Sec. 6103 & 27383
No Transfer Tax Due: R&T Code Sec. 11922

UTILITY EASEMENT DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

Mary C. Menne Associates, a Limited Partnership (hereinafter referred to as "Grantor")

Hereby GRANT(S) to:

UNITED WATER CONSERVATION DISTRICT (hereinafter referred to as "Grantee")

a non-exclusive perpetual easement and right of way ("Easement Area") to construct, use, maintain, operate, alter, add to, repair, replace, reconstruct, inspect and remove at any time and from time to time subsurface non-potable water pipeline(s) which is/are connected to and provide service from Grantee's Pumping Trough Pipeline (PTP), including such surface installations and devices that are appurtenant to said non-potable water pipeline(s) as well as the right of pedestrian and vehicle ingress and egress to access such pipelines and related appurtenances, in, on, over, under and across the real property in the County of Ventura, State of California as described and depicted in Exhibit "A" and Exhibit "B" attached hereto and incorporated herein.

Grantor further grants to Grantee the right of assignment, in whole or in part, to others, and the right to apportion or divide any of the rights, including but not limited to access and ingress and egress, granted to the Grantee by this Grant of Easement in any case upon first obtaining Grantor's prior written consent which consent shall not be unreasonably withheld.

Grantor agrees for it and its assigns not to erect, place or maintain, nor permit the erection, placement or maintenance of any structures or improvements within the Easement Area. Grantee, and its contractors, agents and employees shall have the right to trim or cut tree roots or other vegetation as may endanger or interfere with said pipelines and related appurtenances and shall have access to said pipelines and related appurtenances at all times subject to any compliance with any Grantor requirements as to complying with locked gates and other security measures Grantor may impose. Grantee shall have the right, but not the obligation, to construct a fence or other barrier along the perimeter of the Easement Area or within the Easement Area for purposes of protecting said pipelines and related appurtenances and if Grantee does erect such fencing or barrier, Grantee shall at all times provide Grantor with a key or other access to the Easement Area. In exercising its rights under this Grant of Easement, Grantee shall act in such a manner to cause the least injury to the surface of the ground and shall restore the surface to as near the same condition as it was prior to such work as is practicable during existence of this Easement and upon surrender of this Easement.

GRANTOR:

**Mary C. Menne Associates, a Limited
Partnership**

Tri-M Development Co.,
a California general partnership
Its General Partner

By: 
John D. Menne, General Partner

WITNESS WHEREOF, the undersigned has/have executed this Utility Easement Deed as of August 25, 2020.

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Ventura)

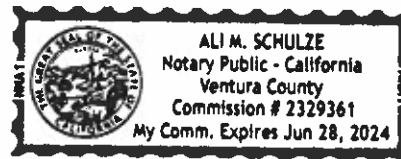
On August 25, 2020, before me, Ali M. Schulze, a Notary Public, personally appeared John D. Menne, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature





PUBLIC AGENCY CERTIFICATE OF ACCEPTANCE

(Government Code Section 27281)

This is to certify that the interest in real property conveyed by the Utility Easement Deed dated August 25, 2020, from **Mary C. Menne Associates, a Limited Partnership** ("Grantor"), to the UNITED WATER CONSERVATION DISTRICT ("Grantee"), is hereby accepted by the undersigned officer on behalf of the UNITED WATER CONSERVATION DISTRICT, pursuant to authority conferred by Board action dated _____, _____, and the Grantee consents to recordation thereof by its duly authorized officer.

DATED: _____

UNITED WATER CONSERVATION DISTRICT

By:

Its:

EXHIBIT "A"
UWCD EASEMENT – METER SITE 125
APN 218-0-042-040

That portion of Lot A of Subdivision 70 of the Rancho El Rio De Santa Clara O' La Colonia, in the County of Ventura, State of California, as per the map recorded in Book 3, Page 14 of Maps, in the Office of the County Recorder of said County, being also a portion of the land described in the Grant Deed recorded January 23, 1974 as Instrument No. 1974-4318 in Book 4215, Page 365 of Official Records of said County, more particularly described as follows:

BEGINNING at a point on the southerly right-of-way line of Laguna Road, 50.00 feet wide, said point lying distant South 88°45'27" East 213.95 feet from the northwest corner of the land described in said Grant Deed; thence, along said right-of-way,

- 1st - South 88°45'27" East, a distance of 50.00 feet; thence, leaving said right-of-way,
- 2nd - South 1°14'33" West, a distance of 6.00 feet; thence,
- 3rd - North 88°45'27" West, a distance of 50.00 feet; thence,
- 4th - North 1°14'33" East a distance of 6.00 feet to the point of beginning.

Containing 300 square feet, more or less.

Said land is shown on Exhibit "B" attached hereto and made a part hereof by reference.

Prepared by: Stantec Consulting Services Inc.
under the direction of:



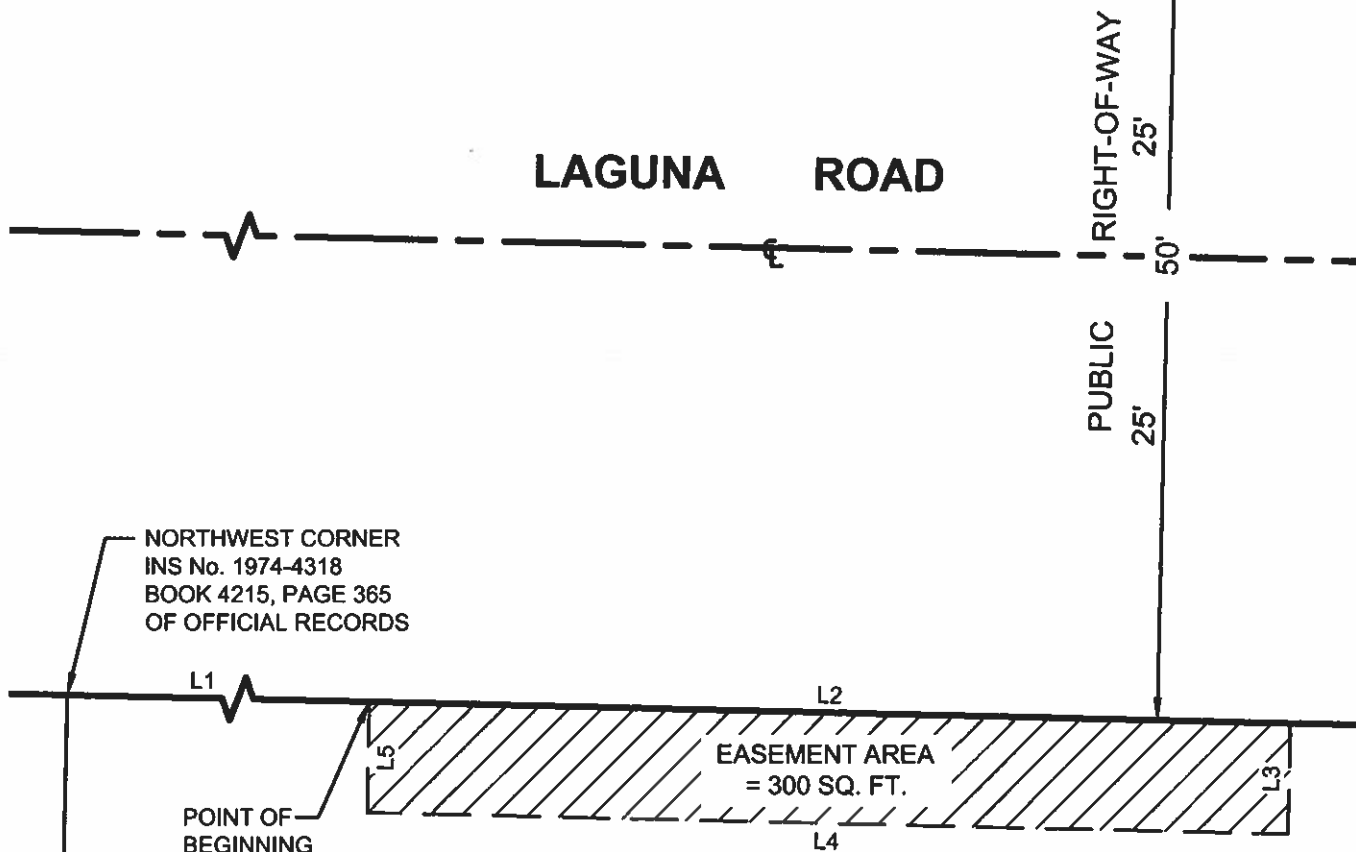
Matthew J. Vernon, PLS 7553

June 2, 2020
P.N. 2064184300



LEGEND

APN - ASSESSORS PARCEL No.
 INS - INSTRUMENT
 O.R. - OFFICIAL RECORDS
 No. - NUMBER
 SQ. FT. - SQUARE FEET

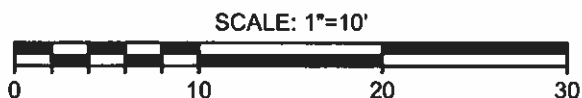


PORTION OF LOT A
 SUBDIVISION 70
 RANCHO EL RIO DE SANTA
 CLARA O' LA COLONIA
 3 MR 14

APN 218-0-042-04

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S 88°45'27" E	213.95'
L2	S 88°45'27" E	50.00'
L3	S 01°14'33" W	6.00'
L4	N 88°45'27" W	50.00'
L5	N 01°14'33" E	6.00'



111 East Victoria Street, Santa Barbara, CA 93101
 Phone: (805) 963-9532 Fax: (805) 966-9801

P.N. 2064184300

DWG: 2064184300_legal_exhibits-ph3.dwg



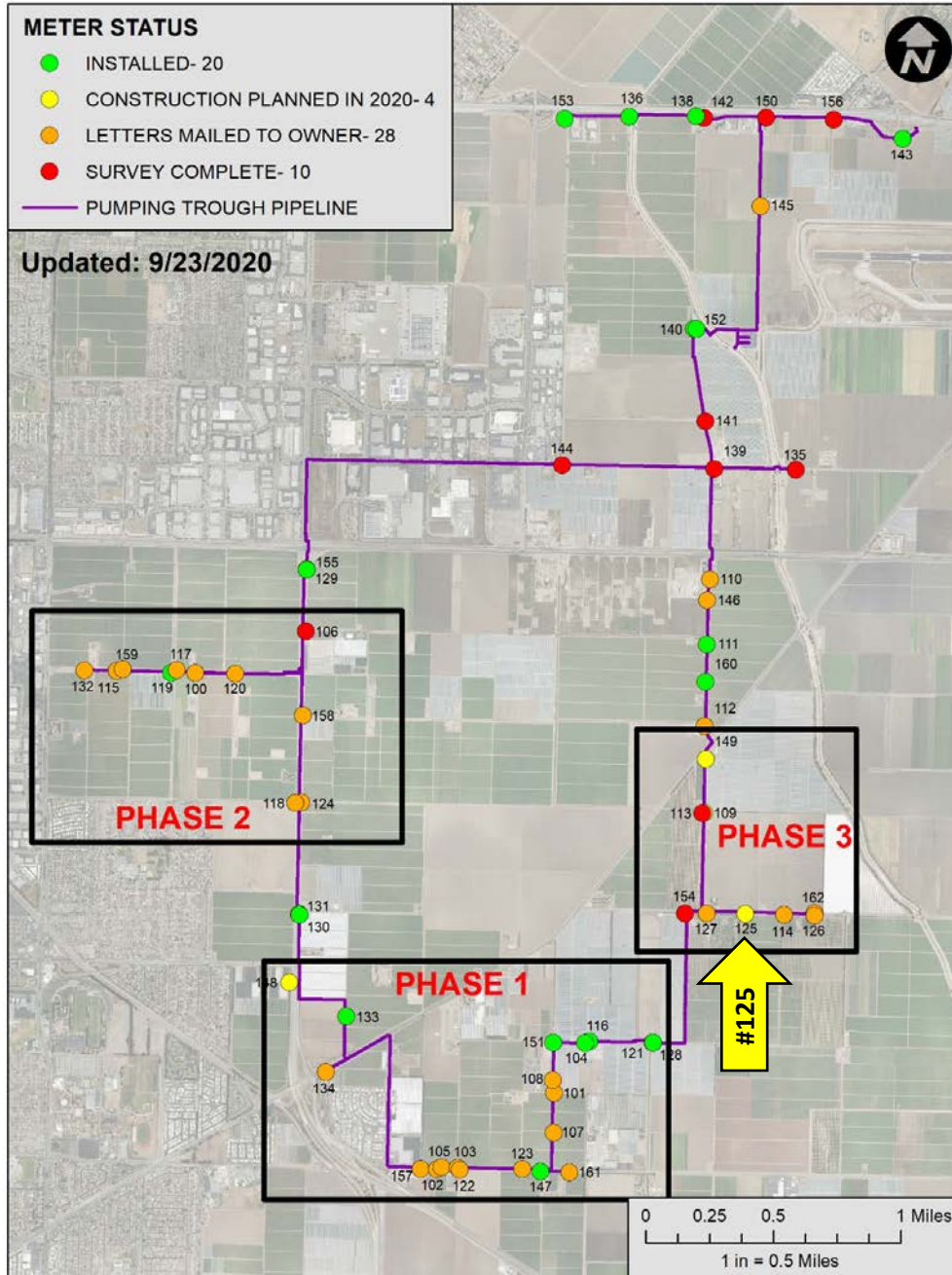
EXHIBIT "B"

METER 125 SITE
 EASEMENT
 UNITED WATER
 CONSERVATION DISTRICT
 SHEET 1 OF 1
 PLOT DATE: 6/4/2020

METER STATUS

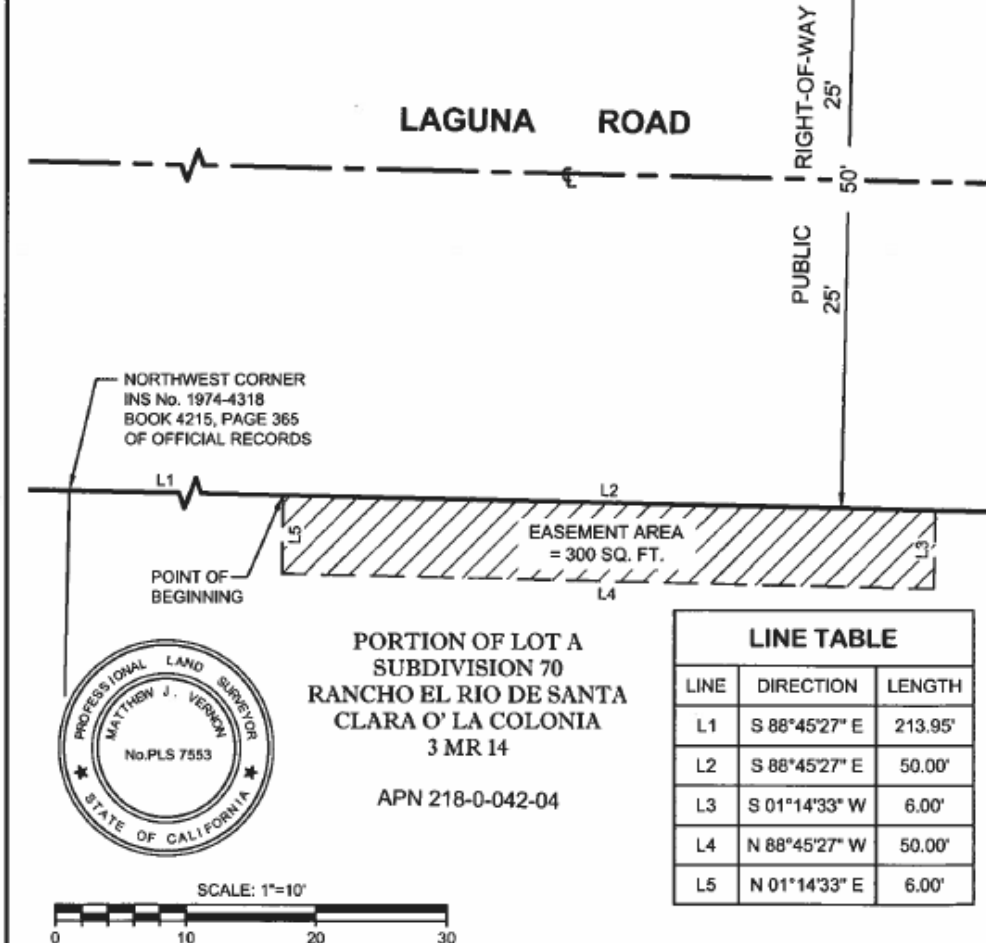
- INSTALLED- 20
- CONSTRUCTION PLANNED IN 2020- 4
- LETTERS MAILED TO OWNER- 28
- SURVEY COMPLETE- 10
- PUMPING TROUGH PIPELINE

Updated: 9/23/2020



LEGEND

- APN - ASSESSORS PARCEL No.
- INS - INSTRUMENT
- O.R. - OFFICIAL RECORDS
- No. - NUMBER
- SQ. FT. - SQUARE FEET



LINE TABLE

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L5	N 01°14'33" E	6.00'



111 East Victoria Street, Santa Barbara, CA 93101
Phone: (805) 963-9532 Fax: (805) 966-9801

P.N. 2064184300

DWG: 2064184300_legal_exhibits-ph3.dwg

EXHIBIT "B"

METER 125 SITE
EASEMENT
UNITED WATER
CONSERVATION DISTRICT
SHEET 1 OF 1
PLOT DATE: 6/4/2020