



**BEAUMONT-CHERRY VALLEY WATER DISTRICT
REGULAR MEETING AGENDA
BOARD OF DIRECTORS ENGINEERING WORKSHOP
560 Magnolia Avenue, Beaumont, CA 92223
Thursday, October 24, 2019 at 6:00 p.m.**

Call to Order: President Covington

Pledge of Allegiance: Vice President Slawson

Invocation: Director Hoffman

Roll Call

Public Comment

PUBLIC COMMENT:

At this time, any person may address the Board of Directors on matters within its jurisdiction which are not on the agenda. However, state law prohibits the Board from discussing or taking action on any item not listed on the agenda. Any non-agenda matters that require action will be referred to Staff for a report and possible action at a subsequent meeting. To provide comments on specific agenda items, please complete a speaker's request form and provide the completed form to the Board Secretary prior to the Board meeting. **Please limit your comments to three minutes.** Sharing or passing time to another speaker is not permitted.

ACTION ITEMS

Action may be taken on any item on the agenda. Information on the following items is included in the full Agenda Packet.

- 1. Consideration of BCVWD Recommitment of Support for the Association of California Water Agencies / Joint Powers Insurance Authority (ACWA/JPIA) Commitment to Excellence Program to reduce the frequency and severity of liability, workers' compensation, and property losses (pages 4 - 7)**
- 2. Discussion and Direction regarding Water Service Requirements, Water Main Extension and Annexation Approval for 99 S. California Avenue (Riverside County Assessor's Parcel No. 417-180-014) in the City of Beaumont (pages 8 - 19)**
- 3. Discussion and Direction Regarding Water Service for 8895 Avenida Miravilla (Riverside County Assessor's Parcel No. 401-170-009) located on Avenida Miravilla, southwest of the Camino Del Norte, Avenida Miravilla Intersection in the Community of Cherry Valley (pages 20 - 22)**
- 4. Discussion and Consideration of Authorizing the General Manager to Enter into a Contract with Frahm Bros. Inc. for the Well 25 East Wall Construction Project in a Not-To-Exceed amount of \$62,700 and Authorize an Additional \$5,500 for the Construction of a Rolling Gate to Secure the Facility (pages 23 - 26)**

5. **Discussion and Direction regarding Issuance of Grading Water for Upcoming Development Within Fairway Canyon Master Planned Community (Tract 31462 - Phase IV)** (pages 27 - 29)
6. **Update regarding Beaumont Avenue Road Rehabilitation – Meter/Service Replacement** (pages 30 - 43)
7. **Review of Rate Charges and Fees for Other Water Retail Agencies** (No Staff Report)
8. **Discussion and Direction regarding the October 17, 2019 BCVWD Rate Workshop** (No Staff Report)
9. **Update: Status of District Wells, Capital Improvements, and Engineering Projects** (pages 44 - 50)
10. **Update: Legislative Action and Issues Affecting BCVWD** (pages 51 - 56)
11. **General Manager's Report**
12. **Topics for Future Meetings**
13. **Announcements**
 - Finance and Audit Committee Meeting: Thursday, Nov. 7, 2019 at 3:00 p.m.
 - District Offices will be closed on Monday, Nov. 11 in observance of Veterans Day
 - Regular Meeting: Wednesday, Nov. 13, 2019 at 6 p.m.
 - Engineering Workshop: Thursday, Nov. 21, 2019 *Note day change due to Thanksgiving Holiday*
 - Personnel Committee meeting: Monday, Nov. 25, 2019 at 5:30 p.m.
 - District Offices will be closed on Thursday, Nov. 28 in observance of Thanksgiving Day
 - Association of California Water Agencies Fall Conference: Dec. 3 – 6 in San Diego
 - Beaumont Basin Watermaster Committee Meeting: Dec. 4, 2019 at 10:00 a.m.
 - Finance and Audit Committee Meeting: Thursday, Dec. 5, 2019 at 3:00 p.m.
 - BCVWD Budget Workshop – Thursday, Dec. 5 at 6:00 p.m.

14. Adjournment

NOTICES

AVAILABILITY OF AGENDA MATERIALS - Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Beaumont-Cherry Valley Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection in the District's office, at 560 Magnolia Avenue, Beaumont, California ("District Office"). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available from the District Office at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during the meeting, they can be made available from the District Office in the Board Room of the District's Office. Materials may also be available on the District's website: www.bcvwd.org.

REVISIONS TO THE AGENDA - In accordance with §54954.2(a) of the Government Code (Brown Act), revisions to this Agenda may be made up to 72 hours before the Board Meeting, if necessary, after mailings are completed. Interested persons wishing to receive a copy of the set Agenda may pick one up at the District's Main Office, located at 560 Magnolia Avenue, Beaumont, California, up to 72 hours prior to the Board Meeting.

REQUIREMENTS RE: DISABLED ACCESS - In accordance with §54954.2(a), requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the District Office, at least 48 hours in advance of the meeting to ensure availability of the requested service or accommodation. The District Office may be contacted by telephone at (951) 845-9581, email at info@bcvwd.org or in writing at the Beaumont-Cherry Valley Water District, 560 Magnolia Avenue, Beaumont, California 92223.

CERTIFICATION OF POSTING

I certify that on or before Oct. 21, 2019, a copy of the foregoing notice was posted near the regular meeting place of the Board of Directors of Beaumont-Cherry Valley Water District and to its website at least 72 hours in advance of the meeting (Government Code §54954.2(a)).



Yolanda Rodriguez,
Director of Finance and Administration



**Beaumont-Cherry Valley Water District
Regular Board Meeting
October 24, 2019**

Item 1

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: **Consideration of BCVWD Recommitment of Support for the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA) Commitment to Excellence Program to reduce the frequency and severity of liability, workers' compensation, and property losses**

Staff Recommendation

Approve the BCVWD's recommitment of participation and support of the ACWA/JPIA Commitment to Excellence Program (C2E) by signing the attached certificate and continuing to implement best practices to reduce losses.

Background

In October 2013, the ACWA/JPIA initiated its Commitment to Excellence program outreach. This effort has helped JPIA's membership reduce some of the most frequent losses which include auto, infrastructure, construction, employment practices, ergonomic, and fall injury claims. The focus of the program has been to assist members in implementing programs and practices that can prevent these types of claims.

By supporting the program, members are not obligated to adopt any specific program or policy. However, a list of best practices and training opportunities are provided for members to consider and utilize in an effort to avoid certain losses as they occur. Information regarding these items are attached for review.

The Beaumont-Cherry Valley Water District Board of Director last approved support for this program on September 10, 2014. Subsequently, a new Board has been elected and a new General Manager is on staff and ACWA/JPIA has requested recommitment from the current Board and staff.

Fiscal Impact

There is no fiscal impact to the District.

Attachment(s)

1. ACWA/JPIA Resource Coversheet: ACWA/JPIA Commitment to Excellence (C2E) Best Practices Guide
2. ACWA/JPIA Commitment to Excellence: Online Training Activities for District Personnel

Staff Report prepared by Erica Gonzales, Administrative Assistant



JPIA Commitment to Excellence (C2E) Best Practices Guide

This guide includes the “**loss reduction focus**” areas for each of the C2E loss categories:

- **Vehicle Operations**
- **Construction**
- **Infrastructure**
- **Employment Practices**
- **Ergonomics/Falls**

A “**menu**” indicating the best practices for each focus area is included and an explanation for each best practice. JPIA members are encouraged to select from the menu the best practices they wish to add to, or use to enhance, their existing loss reduction programs.

JPIA Risk Management visits will concentrate on supporting an organization in its implementation of the C2E best practices. While adopting specific best practices may be recommended during these visits, the JPIA encourages members to review the C2E best practices, reinforce the practices they have already incorporated, and adopt as many of the other practices as practical. The JPIA can provide resources and training to help members in this process.

Questions concerning the C2E Best Practices Guide should be addressed to the organization’s JPIA Risk Management Consultant. Additional assistance may be obtained by contacting the Risk Management staff at (800) 231-5742.



ACWA/JPIA

Commitment to Excellence

JPIA In-Person Classes or Webinars which support Claims Focus Areas



Construction Related Losses

- Accident Investigation
- Asbestos Pipe Safety
- Confined Space Entry
- Electrical Safety
- Emergency Response
- Hazard Communication (GHS)
- First Responder
- Hazard ID
- Lockout/Tagout
- Multi-Employer Liability
- Risk Transfer
- Traffic Control & Flagger
- Trench & Excavation
- Underground Line Locator



Employment Practices

- Communication
- Discrimination & Harassment
- Documenting
- Hiring Practices
- Job Descriptions
- Problem Solving
- Managing Generations
- Managing Aging Workforce
- Performance Appraisals
- Performance Management
- Policies & Procedures
- Positive Discipline
- Return to Work
- Sexual Harassment Prev. for Managers (AB1825)
- Stress Management



Ergonomics & Fall Injuries

- Accident Investigation
- Ergonomics
- Fall Protection
- Field Ergonomics
- Hazard ID
- Job Descriptions
- Return to Work
- Managing Aging Workforce
- Workers' Comp.
- New Employee Orientation



Vehicle Operations

- Accident Investigation
- Defensive Driver
- Drug & Alcohol
- Emergency Response
- First Responder
- Hiring Practices
- New Employee Orientation
- Policies & Procedures
- Positive Discipline



Infrastructure

- Accident Investigation
- Asbestos Pipe Safety
- Confined Space Entry
- Documenting
- Electrical Safety
- Emergency Response
- First Responder
- Hazard ID
- Lockout/Tagout
- Policies & Procedures
- Problem Solving
- Risk Transfer
- Traffic Control & Flagger
- Trench & Excavation
- Underground Line Locator



ACWA/JPIA Commitment to Excellence

On-line training through *TargetSolutions™*
which supports Claims Focus Areas



Construction Related Losses

- Combustible & Flammable Liquids
- Hazard Communication
- General Construction Safety
- Materials Handling, Storage & Control
- Lock out/Tag out
- Confined Space Entry
- Trenching & Shoring



Employment Practices

- Discipline and Termination
- Interviewing & Hiring
- Performance Management
- Employment Practices Overview
- Understanding Employee Leave
- Sexual Harass. Awareness
- Sexual Harassment Prevention for Mgrs. (AB1825)
- Anger, Conflict, and Violence in the Workplace



Ergonomics & Fall Injuries

- Slips, Trips, & Falls Prevention
- General Office Ergonomics
- Industrial Ergonomics



Vehicle Operations

- Any "Fleet" Program
- Vehicle Overview for Supervisors
- Vehicle Personnel Selection
- Vehicle Incident Investigation for Supervisors



Infrastructure

- Maintenance of Pumps, Motors, Circuits
- Incident Investigation
- Corrosion Control
- Storm Water Pollutions Prevention
- Risk Assessment Analysis
- Distribution System Materials and Equipment
- Main Installation
- Hazmat Spill & Prevention Control



**Beaumont-Cherry Valley Water District
Regular Board Meeting
October 24, 2019**

Item 2

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: Discussion and Direction regarding Water Service Requirements, Water Main Extension and Annexation Approval for 99 S. California Avenue (Riverside County Assessor's Parcel No. 417-180-014) in the City of Beaumont

Staff Recommendation

No recommendation.

Background

The Applicant, Kirk Howard, has requested water service from the District for a proposed Recreational Vehicle (RV) and Self-Storage Facility to be constructed on an existing vacant parcel of land located at 99 S. California Avenue and further identified as APN 417-180-014.

The Applicant's engineer (Rick Engineering Co.) met with District staff in August of 2019 to discuss the District's existing facilities and potential utilities to support development of the above referenced parcel. During said meeting, the District identified the parcel is currently outside the District's water service boundary and the Applicant shall annex the parcel into the District's service area.

The subject property is approximately 3.51 acres, identified on Figure 1. The Applicant has further identified a need for domestic, irrigation and fire water service. The Applicant has provided the Estimated Total Water Usage (ETWU) calculations for the on-site landscaping (totaling 6,530 gallons per year) or approximately 18 gallons per day (0.03 EDU's) and has provided District staff a comparable consumption history report for the District to use to estimate the domestic consumption for APN 417-180-014.

On September 26, 2019, District staff presented the request for water service at the Engineering Workshop. During said meeting the high potable water demand was brought into question. In response, District staff has pulled consumption history averages of five (5) years from two (2) similar facilities in the District's water service area boundary. Said total water system usage averages are summarized as follows in Table 1:

Table 1

	Acre-Feet Per Year (AF)	Gallons Per Day (GPD)	Equivalent Dwelling Unit (EDU)
Applicant Provided Data (1)	3.15 AF	2,813 GPD	4.85 EDUs
Facility No. 1	1.99 AF	1,781 GPD	3.07 EDUs
Facility No. 2	1.24 AF	1,108 GPD	1.91 EDUs
* AVERAGE WATER DEMAND:	2.13 AF	1,901 GPD	3.27 EDUs

*Estimate based on Applicant provided consumption Data from a comparable development and two (2) storage facilities consumption history reports.

(1) – As presented in September 26, 2019 Board meeting.



In addition to gathering additional consumption data to accurately determine the estimated consumption for 99 S. California Avenue, Rick Engineering Co. has requested the District to work with the Applicant, allowing a variance to the required 24-inch water main extension down California Avenue along the project site frontage. District staff has identified three (3) options for the 24-inch water main extension depicted in the District's Potable Water System Master Plan.

Option 1: Mainline Extension

The Applicant shall design and construct a 24-inch water main extension along the project property frontage on California Avenue from 1st Street where facilities are depicted in the District's Potable Water System Master Plan. The District will work with the Applicant during the planning of facilities and enter into an oversizing agreement to offset costs for an increased diameter water main. The Applicant will be required to pay commercial front-footage fees along all property frontages where facilities are currently installed.

Option 2: Cash in Lieu

During a meeting with District staff, the Applicant's engineer requested the District consider the option of cash in lieu of designing and constructing the 24-inch water main extension along the project property frontage on California Avenue from 1st Street. This option would require District staff to determine the appropriate unit costs for the construction of said facilities and the Developer pay for their component of that cost.

Option 3: 1st Street Frontage

The Applicant has requested to only pay front footage fees for 1st Street because the infrastructure fronting their property on 1st Street will support the project's consumption requirements.

The District has confirmed there is an existing 12-inch domestic water main (2750 pressure zone) fronting the property on 1st Street and a future 24-inch domestic water main in California, south of 1st Street (see Figure 2 – Identified Main Extension).

District staff does not recommend that a variance be provided to the Applicant. The main line extension condition requiring new developments extend facilities across all frontages of a property has been an enforced District requirement for all previous developments and is a typical industry standard.

Regardless of which option is available to the Applicant, the Applicant will also be required to complete the annexation process with LAFCO and BCVWD, prepare water improvement plans and construct water facilities across the property frontage on California Avenue (if applicable) and pay all applicable District fees, including water Facilities Fees and front-footage fees for 1st Street, in effect at the time of application for service installation. The Applicant will need to secure other necessary approvals from the City of Beaumont and/or County of Riverside.

Final domestic and non-potable meter sizes will be determined by the Applicant. Fire Flow requirements will be determined by the County of Riverside Fire Department and said requirements will dictate actual required Fire Hydrant Fire Flows to the property, and non-potable landscape system requirements.



Conditions:

The Applicant shall conform to all District requirements for water service and all City of Beaumont requirements.

1. Dependent on resolution of the request for variance, the Applicant shall design and construct a 24-inch water main extension along the project property frontage on California Avenue from 1st Street where facilities are depicted in the District's Potable Water System Master Plan.
2. The Applicant will be required to pay commercial front-footage fees along all property frontages where facilities are currently installed.
3. The Applicant will be required to install a fire service connection(s) to support the City of Beaumont/County of Riverside Fire Department's requirement for on-site fire hydrants.
4. The District reserves the right to review annual consumption data (water consumption audit) and adjust the applicant Facilities Fees (at final buildout of the project and when project facilities are fully utilized) for any amount greater than 3.27 EDUs (1,901 gal/day) which is currently identified in Table 1.
5. To minimize the use of potable water, the District requires the applicant to conform to the City of Beaumont Landscaping Ordinances which pertains to water efficient landscape requirements and the following:
 - a. Landscaped areas which have turf, shall have "smart irrigation controllers" which use Evapotranspiration (ET) data to automatically control the watering. Systems shall have an automatic rain sensor to prevent watering during and shortly after rainfall, automatically determine watering schedule based on weather conditions, and not require seasonal monitoring changes. Orchard areas, if any, shall have drip irrigation.
 - b. Landscaping in non-turf areas should be drought-tolerant, consisting of planting materials which are native to the region. Irrigation systems for these areas should be drip or bubbler type.

Fiscal Impact:

None. All fees and deposits will be paid by the Applicant prior to providing service.

Attachments

Figure 1 – APN 417-180-014 Beaumont RV and Self Storage Site Map

Figure 2 – BCVWD Potable Master Plan, 2750 Pressure Zone

Figure 3 – Beaumont RV and Self Storage Preliminary Improvement Plans

Figure 4 – Beaumont RV and Self Storage Landscape Planting and Irrigation Plans

Application for Water Service for Riverside County APN 417-180-014

Staff Report prepared by Aaron Walker, Engineering Office Assistant



**FIGURE 1 – APN 417-180-014
Beaumont RV & Self Storage**



FIGURE 2
BCVWD POTABLE MASTER PLAN
2750 PRESSURE ZONE

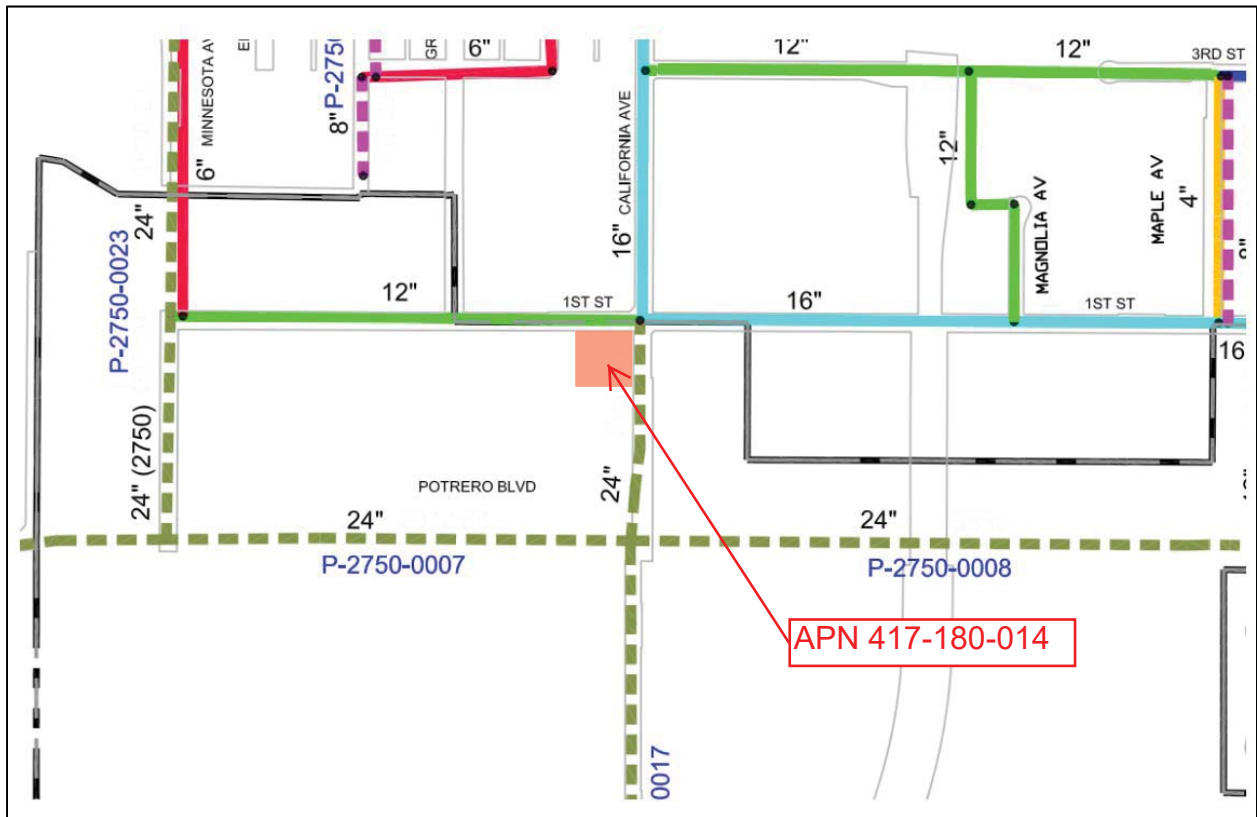
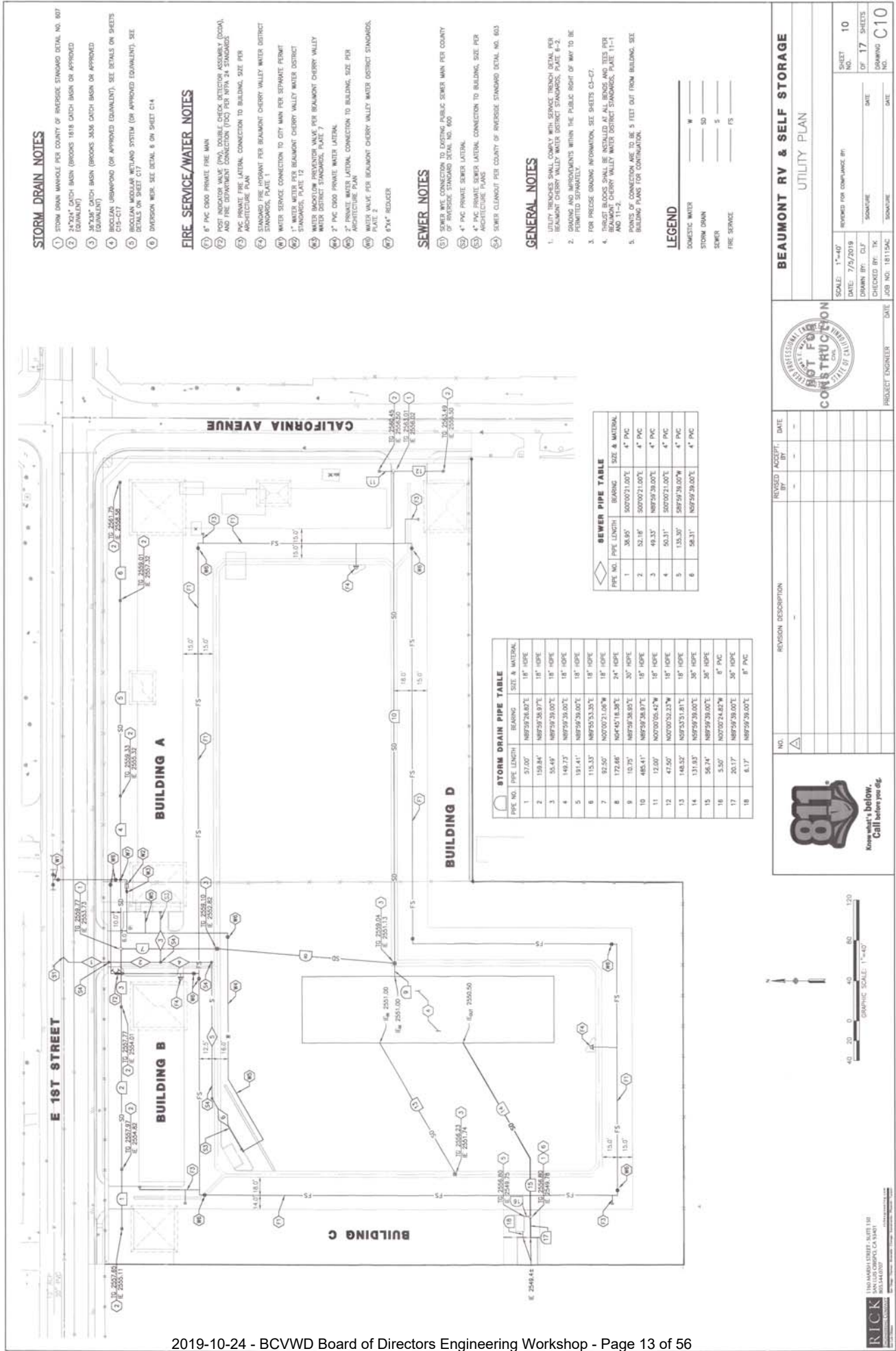


Figure 3 - Beaumont RV and Self Storage Preliminary Improvement Plans



1180 AMARIL STREET - SUITE 108
SAN LUIS OBISPO, CA 95051
TEL: 831.755.1100
WWW.RICKENGINEERING.COM

RICK
ENGINEERING

REVISION DESCRIPTION

NO.	REVISION DESCRIPTION	DATE
1		

REVISION ACCEPT. BY: _____ DATE: _____

PROJECT ENGINEER: _____ DATE: _____

JOB NO. 1815AC

CHECKED BY: TK

DRAWING NO. C10

DATE: 7/2/2019

SCALE: 1"=40'

REWORK FOR COMPLIANCE BY: _____

SHEET NO. 10

OF 17 SHEETS

DATE: _____

SIGNATURE: _____

DATE: _____



BEAUMONT RV & SELF STORAGE

UTILITY PLAN

Figure 3 - Beaumont RV and Self Storage Landscape and Irrigation Plans

bruce jordan architect
 131 Calle Iglesia, Suite 100
 San Clemente, CA 92672-7541
 Telephone (949) 388-6090
 Facsimile (949) 388-6290



CLIENT
DR. KIRK HOWARD
 168 WOODLANDS RD.
 BEAUMONT, CA 92223

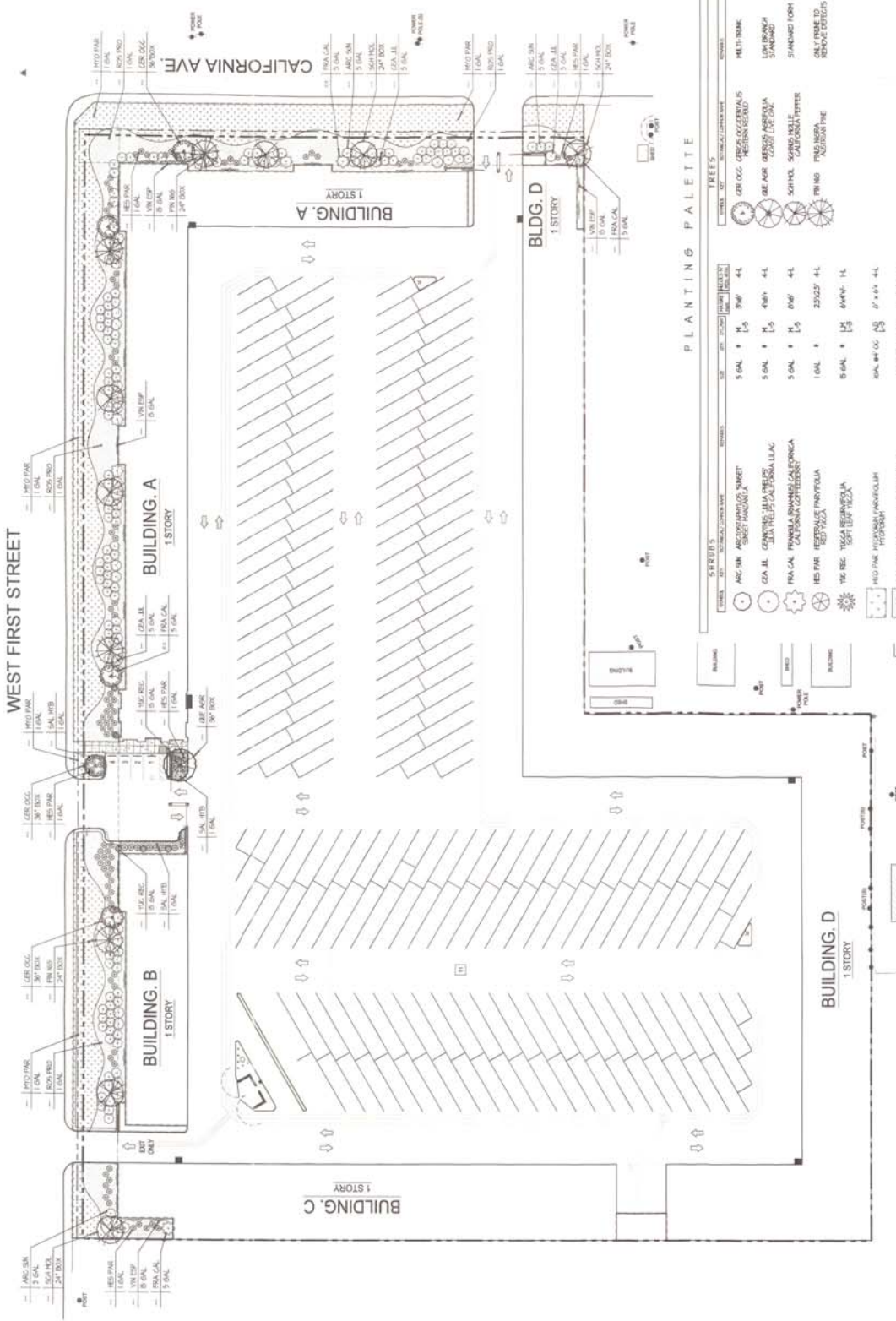
PROJECT
BEAUMONT RV & SELF STORAGE
 WEST FIRST RD. & CALIFORNIA
 BEAUMONT, CA

SHEET TITLE
PLANTING PLAN

REV	DATE	COMMENT
XXX	XXX	XXX

PROJECT MANAGER: EMC
DRAWN BY: M13
DATE: 01-22-19
JOB NUMBER: 17-130
SHEET NUMBER:

L-1



PLANTING PALETTE

SYMBOL	PLANT NAME	SIZE	QUANTITY	NOTES
(Symbol)	ARB. SHR. GIBBERNOPSIS	36 BOX 5	20000 ± SAME	4-L
(Symbol)	ARB. SHR. GIBBERNOPSIS	36 BOX 1	35000 ± SAME	4-L
(Symbol)	ARB. SHR. GIBBERNOPSIS	24 BOX 1	30000	4-L
(Symbol)	ARB. SHR. GIBBERNOPSIS	24 BOX 4	45000	4-H

PROVIDE TO PLANTING AT POINTS OF
 COMPOST FACT BE BACKFILLED
 AND AVOID EXCESSIVE WATER
 TRANSPORTED TO A FINALE
 AND REFERRED TO A REVIEW OF 30'

CONTRACTOR SHALL PROTECT AND
 EXISTING LANDSCAPE AND
 DAMAGE NOT BE REPAIRABLE
 THE CONTRACTOR SHALL BE
 RESPONSIBLE FOR OBTAINING
 NECESSARY PERMITS AND
 INSURANCE COVERAGE FROM
 THE CLIENT.

DMLA
 Landscape Architecture
 3882 Alcazar Dr., Dana Point, CA 92629
 davi@dmla.com p(949)388-3389

PLANTING PLAN
 1



CLIENT

DR. KIRK HOWARD

1648 WOODLANDS RD.
 BEAUMONT, CA 92223

PROJECT

BEAUMONT RV & SELF STORAGE

WEST FIRST RD. & CALIFORNIA
 BEAUMONT, CA

SHEET TITLE

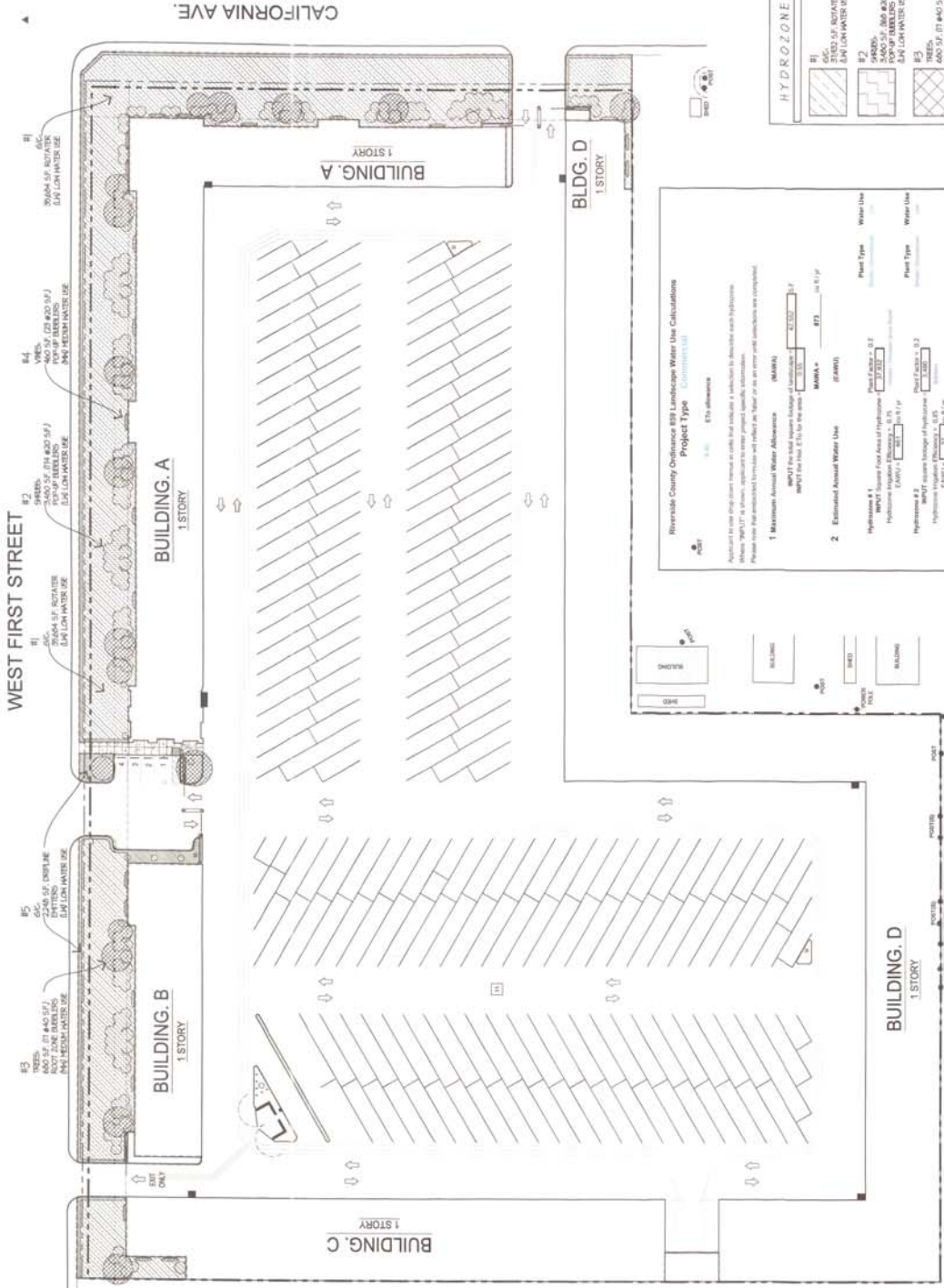
HYDROZONES PLAN

REV	DATE	COMMENT
XXX	XXX	XXX

PROJECT MANAGER: EMC
 DRAWN BY: M3
 DATE: 01-22-19
 JOB NUMBER: 17-130

SHEET NUMBER:

L-2



HYDROZONES

- #1: STOD'S RETAINERS (LAN LAND WATER USE)
- #2: GRASSES (LAN LAND WATER USE)
- #3: TREES (LAN LAND WATER USE)
- #4: POP-UP BARBERS (LAN LAND WATER USE)
- #5: POP-UP BARBERS (LAN LAND WATER USE)
- #6: POP-UP BARBERS (LAN LAND WATER USE)

Riverside County Ordinance 891 Landscape Water Use Calculations
 Project Type: **Commercial**

1. Maximum Annual Water Allowance (MAWA)
 MAWA = 3333 gal ft² yr
 MPWT (the total water budget of landscape) = 3333 gal ft² yr

2. Estimated Annual Water Use (EAUW)
 Hydrone #1: MAWA = 3333 gal ft² yr
 Hydrone #2: MAWA = 3333 gal ft² yr
 Hydrone #3: MAWA = 3333 gal ft² yr
 Hydrone #4: MAWA = 3333 gal ft² yr
 Hydrone #5: MAWA = 3333 gal ft² yr
 Hydrone #6: MAWA = 3333 gal ft² yr

PERCENTAGE OF WATER BUDGET RELATIVE TO MAX ALLOWED = 20%

* Trees are not required to be listed as a separate hydrone & water use is permitted with plants if it is not a higher plant/flower and leaf area is already included in calculation.

DMLA
 Landscape Architecture
 3025 Alvarado Dr., Dana Point, CA 92629
 4918@dmlaonline.com p(949)388-5389

HYDROZONES PLAN
 17-2027
 1



BEAUMONT CHERRY VALLEY WATER DISTRICT

560 Magnolia Avenue • PO Box 2037

Beaumont, CA 92223-2258

Phone (951) 845-9581

www.bcvwd.org

Will Serve Request **Water Supply Assessment (SB210)**

Applicant Name: Kirk Howard	Contact Phone # (951) 769-7700
Mailing Address: 190 E 1st Street	Fax #:
City: Beaumont	E-mail: kirkghoward71@me.com
State & Zip: CA, 92223	
Service Address: 99 E 1st Street, Beaumont, CA	
Assessor's Parcel Number (APN), Tract Map No. Parcel Map No.: 417-180-013, 417-180-014	
Project Type: <input type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family <input checked="" type="checkbox"/> Commercial/Industrial <input type="checkbox"/> Minor Subdivision (5 lots or less) <input type="checkbox"/> Major subdivision (6+ lots) <input type="checkbox"/> Other	
Site Map Attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

The letter should be delivered to:

Recipient: Kirk Howard

PLEASE CHOOSE ONE:

Mail (above address) E-mail
 Fax Will pick up

The District reserves the right to impose terms and conditions in Will Serve Letters and/or Water Supply Assessment Reports that take into account water availability issues, conservation issues and the District's existing facilities, all of which impact the District's ability to provide service to the subject property and maintain the District's ability to meet existing water demands.

Kirk Howard
Applicant's Signature

7/12/2019
Date



**Beaumont-Cherry Valley Water District
Regular Board Meeting
October 24, 2019**

Item 3

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: **Discussion and Direction Regarding Water Service for 8895 Avenida Miravilla (Riverside County Assessor's Parcel No. 401-170-009) located on Avenida Miravilla, southwest of the Camino Del Norte, Avenida Miravilla Intersection in the Community of Cherry Valley**

Staff Recommendation

No Recommendation.

Background

The Applicant, Pat Baldi, has requested a reestablishment of water service for a proposed single-family residence on an existing parcel of land located at 8895 Avenida Miravilla and further identified as Riverside County Assessor's Parcel No. 401-170-009.

Subject property is located at 8895 Avenida Miravilla, southwest of the Camino Del Norte, Avenida Miravilla Intersection in the Community of Cherry Valley, California (see Figure 1 attached). This parcel is currently within the District's Service Boundary within the District's 3620 pressure zone and the District has confirmed there is a 6-inch water main that runs through the property. The Applicant plans to build a single-family residence on the parcel identified on Figure 1. The Applicant will need to secure the necessary approvals from the County of Riverside.

On September 9, 2019, the Applicant met with District staff regarding the reestablishment of service for 8895 Avenida Miravilla. During said meeting the Applicant provided a letter from the District dated July 26, 1991 (see Figure 2 – BCVWD Reestablishment Letter) stating that the District has removed two (2) meters from the subject property and that water service is available to the property upon request. Additionally, the letter states that no additional costs will be necessary for the installation of a meter for a residential development.

Due to the age and subsequent deterioration of the infrastructure encompassing the subject property, the District's 2016 Master Plan Update identifies a proposed 12-inch water main extension along the property's northern boundary and frontage (approximately 1,420 LF). Said extension would be required to connect to the existing 3620 pressure zone infrastructure located east of said parcel within Avenida Miravilla. The Applicant mentioned that there were previous discussions with District staff regarding a realignment of the water main at 8895 Avenida Miravilla and during those conversations, the Applicant entertained the idea of performing the work as a Class A Contractor. District staff is bringing this before the Board for discussion and feedback regarding such an extension.

The impact of this residence on the District's water supply system is minimal. Should the extension be required as shown in the 2016 Master Plan, the Applicant will be required to prepare improvement plans and construct said water main across the property boundary and



frontage. The Applicant will be required to pay all actual applicable fees in effect at the time of application for service installation.

Final meter size will be determined by the Applicant. Fire Flow requirements will be determined by the County of Riverside Fire Department and said requirements will dictate actual required Fire Hydrant Fire Flows and residential fire sprinkler requirements for the residence.

Conditions:

1. The Applicant shall conform to all District requirements for water service and all County of Riverside requirements.
2. Dependent on direction from the Board, the Applicant may be responsible to design and construct a 12-inch water main extension along all property frontages where facilities are forecasted in the District's Potable Water System Master Plan.
3. To minimize the use of potable water, the District requires the applicant to conform to the County of Riverside Landscaping Ordinances which pertains to water efficient landscape requirements and the following:
 - a. Landscaped areas which have turf, shall have "smart irrigation controllers" which use Evapotranspiration (ET) data to automatically control the watering. Systems shall have an automatic rain sensor to prevent watering during and shortly after rainfall, automatically determine watering schedule based on weather conditions, and not require seasonal monitoring changes. Orchard areas, if any, shall have drip irrigation.
 - b. Landscaping in non-turf areas should be drought-tolerant, consisting of planting materials which are native to the region. Irrigation systems for these areas should be drip or bubbler type.

Fiscal Impact

None. All fees and deposits will be paid by the Applicant prior to providing service.

Attachment(s)

Figure 1 – Site Map - APN 401-170-009

Figure 2 – BCVWD Reestablishment Letter

Figure 3 – BCVWD 3620 Pressure Zone 2016 Master Plan (Figure) – APN 401-170-009

Report prepared by Aaron Walker, Engineering Office Assistant

BEAUMONT-CHERRY VALLEY WATER DISTRICT

P.O. Box 2037

560 Magnolia Avenue

BEAUMONT, CALIF. 92223

Telephone (714) 845-9581

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DIRECTORS

Roland Russell
President

Gerald Brey
Vice President

Gary McKenzie

Josef Zerr

Peter Grimes

OFFICERS

C. J. Butcher
General Manager

Jo Ellen Seick
Treasurer &
Assessor-Collector

J. C. Reichenberger
Engineering-Science
Engineer

Redwine & Sherrill
Attorney

July 26, 1991

Mr. Michael Baldi
Baldi Construction
P.O. Box 500
Beaumont CA 92223

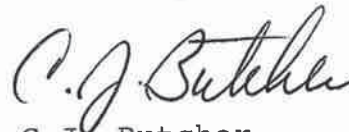
RE: Parcel 401-170-009

This is to confirm our recent telephone conversation. The above referenced property currently has a 1" domestic service, Account 63093000 and a 2" irrigation service, Account 97069000. Meters for both services are off and have been removed. However, based on the Rules and Regulations adopted in September 1987, water service is available to the property upon request for a single domestic unit and/or irrigation to the property as a whole.

Should a subdivision or parcel map be filed, additional service requirements may be necessary. If the property is developed with one domestic unit, no additional cost for installation will necessary, other than the water used.

In closing, the above is based on Rules Governing Water Service adopted by the Board of Directors September 3, 1987 and is subject to change at the pleasure of the Board.

Sincerely,



C.J. Butcher
General Manager

jsl



**Beaumont-Cherry Valley Water District
Regular Board Meeting
October 24, 2019**

Item 4

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: Discussion and Consideration of Authorizing the General Manager to Enter into a Contract with Frahm Bros. Inc. for the Well 25 East Wall Construction Project in a Not-To-Exceed amount of \$62,700 and Authorize an Additional \$5,500 for the Construction of a Rolling Gate to Secure the Facility

Staff Recommendation

Authorize the General Manager to enter into a contract with Frahm Bros. Inc. for the Well 25 East Wall Construction Project at the District owned Well 25 facility in a not to exceed amount of \$62,700 and authorize an additional \$5,500 for the construction of a rolling gate to secure the facility.

Background

Beaumont-Cherry Valley Water District (District) owned Well 25 was constructed in 2008 and placed in service as a source of domestic drinking water in October of said year. During subsequent years, a masonry block wall was constructed on three sides of the facility by the neighboring developer at that time. The District was responsible for the construction of the eastern wall and main entrance gate. The Well 25 East Wall Construction Project was identified in the District's ten-year capital improvement plan (CIP) in 2017 as a necessary improvement to said facility to secure the property and to improve the aesthetics of the surrounding community.

On March 5, 2019 District Staff published a Request for Proposal (RFP) and Notice Inviting Bids for the Well 25 East Wall Construction Project in accordance with District Policy. The scope of work included construction of a block wall on the eastern property line of the Well 25 site, to District specifications, and the installation of a 30' wide automatic rolling gate at the entrance of the well site.

Sealed bids from interested parties were due to the District by 3:00 p.m., March 27, 2019. The District received no bids. Staff believes this is due to the relatively small scale of the project along with requirements to comply with Labor Code Section 1775, which obligates the selected Contractor to pay prevailing wage.

The District's Purchasing Policy requires a formal bidding process and Board approval for projects with a cost in excess of \$25,000. Staff estimated the cost of the wall construction to exceed \$25,000. After performing the required process and receiving no bids, staff requested the District Board of Directors (Board) grant an exception to the Purchasing Policy allowing staff to contact a minimum of three (3) qualified contractors to solicit bids to perform the work as stated in the RFP. The Board granted an exception to the Purchasing Policy for the Well 25 East Wall Construction Project at the April 25, 2019 Engineering Workshop. Staff solicited quotes directly from masonry and concrete contractors in an effort to gain three (3) competitive bids. To date, only two (2) quotes have been received from licensed masonry contractors with the ability to comply with Labor Code Section 1775 requiring the contractor to pay prevailing wage. A summary of the bid results is identified in Table 1 below.



**Table 1
WELL 25 EAST WALL CONSTRUCTION PROJECT
SUMMARY OF BID RESULTS**

Bidder	Total Bid Amount	Rolling Gate Component	Adjusted Total for Wall Construction Only
4D Surfacing Management Inc.	\$ 109,500	\$ 48,500	\$ 58,250
Frahm Bros. Inc.	\$ 56,996	Not Quoted	\$ 56,996

Summary

To date, Well 25 is only surrounded by walls on three sides leaving the street facing, eastern side of the facility open. Completion of the Well 25 eastern wall was identified in the CIP as an upcoming Capital project. The District received no bids during public solicitation for this project and only received two (2) quotes after being granted an exception to the Purchasing Policy by the Board. Construction of a masonry block wall at the District owned Well 25 site is necessary to improve security of the facility and to improve the aesthetics of the surrounding community. A summary of the anticipated cost to complete this project is provided in Table 2 below.

**Table 2
WELL 25 EAST WALL CONSTRUCTION PROJECT
SUMMARY OF REQUESTED WORK AUTHORIZATION**

Bid Item	Description of Work	Bid Amount (Basis of Award)
Wall Construction	Construction of 176' masonry block wall including all material and labor costs in accordance with Labor Code Section 1775	\$ 56,996
Rolling Gate	Estimated Cost for 30' rolling gate	\$ 5,000
Well 25 Wall Construction Project Cost		\$ 61,996
	Well 25 Wall Construction Project Contingency (10%)	\$ 6,199
Total Requested Authorization (Rounded)		\$ 68,200



Fiscal Impact

The fiscal impact to the District will be an amount not to exceed \$68,200 as set forth in Table 2 above. Funds for this work would be expended from the CIP Budget where this item has a budget of \$51,900.

While the additional \$16,300 expense above the estimated cost approved in the CIP for this project is not part of the District's 2019 Operating/Capital Budget, funds are available from Facilities Fees collected for construction of new facilities for completion of this work.

Attachment(s)

4D Surface Management Inc. scope of work fee schedule

Frahm Bros. Inc. Quotation

Staff Report prepared by James Bean, Assistant Director of Operations

FRAHM BROS. INC.

Quotation

MASONRY AND CONCRETE CONTRACTORS
1945" / LICENSE # 588664-C8—C29
 1725 Plaza Del Sur
 Newport Beach, Ca. 92661-1417
 PHONE # 949-673-9286 FAX # 949-673-2693

"SINCE

DATE October 2, 2019
Quotation # 220

Quotation valid until: January 12, 2020

JAMES BEAN
 BEAUMONT -CHERRY WATER DISTRICT
 560 MAGNOLIA AVE
 BEAUMONT CA 92223
 951-845-9581 EXT 263

Prepared by: CHRIS FRAHM

CMU WALL AT BEAUMONT CHERRY VALLEY WATER DISTRICT WELL #25

PREVAILING WAGE YES

Description	AMOUNT
PRICE FOR CMU WALL AND FOOTING	
FOOTING 176 LF ,,3'WIDE X 1' DEEP ,REBAR #4 @24 OC VERTS & 3 #4 CONT IN BOTTOM OF FOOTING	\$ 22,500.00
CMU WALL 176 LF X 6'-8" HIGH 6X8X16 PRECISION OAK WITH PRECISION CAP REBAR #4 24 OC VERTS & HORIZS	\$ 34,496.00
NOTE : DOESN'T INCLUDE SEALERS,SEALANTS AMD WATERPROOFING	
TOTAL	\$ -

If you have any questions concerning this quotation: Mike Frahm / mike@frahmbros.com / 951-453-0632
Sum by \$56,996 (D15) 10/17/19
BCVWD

THANK YOU FOR YOUR BUSINESS!



**Beaumont-Cherry Valley Water District
Regular Board Meeting
October 24, 2019**

Item 5

STAFF REPORT

TO: Board of Directors

FROM: Dan Jagers, General Manager

SUBJECT: Discussion and Direction regarding Issuance of Grading Water for Upcoming Development Within Fairway Canyon Master Planned Community (Tract 31462 - Phase IV)

Staff Recommendation

No recommendation.

Background

The Fairway Canyon Master Planned Community Developer, SDC Fairway Canyon LLC, has recently requested grading water for the continuation of their project which is planned for 3,300 homes and to date is 1,629 homes have been constructed (see Figure 1 – Overall Fairway Canyon Site Map). Phase IV is the final phase of the 3,300-home development; however, this phase does not have an active “Will Serve Letter” with the District.

District staff further identifies that some projects within the City of Beaumont have commenced grading activities prior to obtaining an updated “Will Serve Letter” from the District.

At this time, District staff felt it is appropriate to review this project with the Board of Directors due to the size of the proposed project area to be graded, duration of grading, and quantity of water to be consumed in the grading process in order to bring it to the Board’s attention.

The Developer’s Contractor (TNT Blanchard) has provided District staff with their grading water needs at a daily volume of 2.76 Acre Feet of water per day. The bulk of the grading activity is proposed to be done between November and April, which is the best time from a District’s water supply perspective.

District staff has worked with other Developers in the District’s boundary when the grading water needs are substantial. District staff typically issues a conditional letter for the use of grading water, which sets forth various conditions regarding the usage of said water. Staff would further plan to identify that although grading water is being provided, no guarantee of service is provided until a Request for updated “Will Serve Letter” is considered and approved by the Board.

This item is provided for informational purposes only.

Fiscal Impact

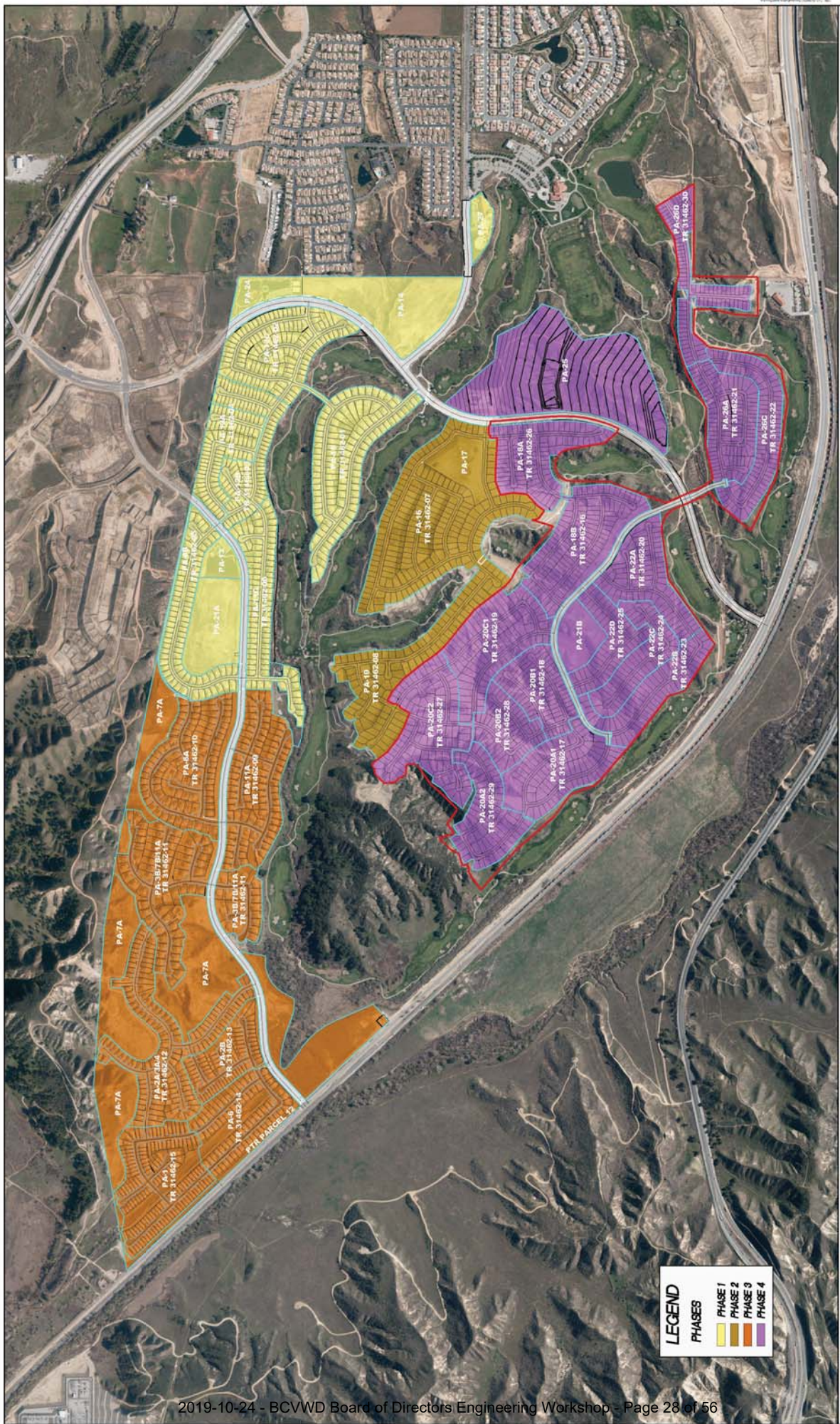
None. The Developer will pay all rates and fees associated with grading Tract 31462 – Phase IV.

Attachment(s)

- Figure 1 – Overall Fairway Canyon Site Map
- Figure 2 – Fairway Canyon Phase IV Site Map

Staff Report prepared by Mark Swanson, Senior Engineer

Figure 1 - Overall Fairway Canyon Site Map



FAIRWAY CANYON

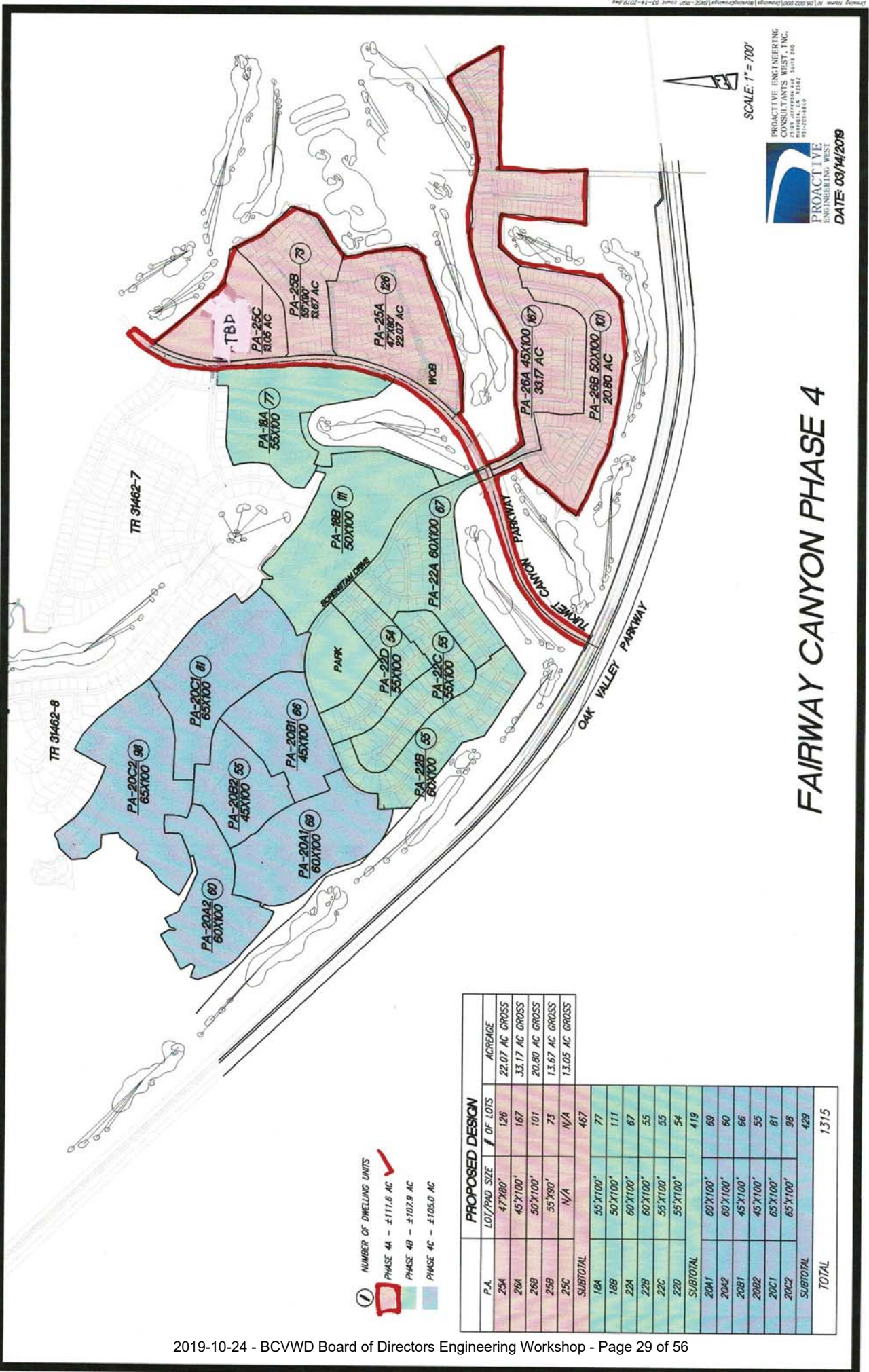
LEGEND

PHASES

- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4

PROACTIVE ENGINEERING
CONSULTANTS WEST, INC.
10001 EAST 10TH AVE, SUITE 100
DENVER, CO 80231
TEL: 303.751.1000
WWW.PROACTIVENG.COM

Figure 2 - Fairway Canyon Phase IV Site Map





**Beaumont-Cherry Valley Water District
Regular Board Meeting
October 24, 2019**

Item 6

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: Update regarding Beaumont Avenue Road Rehabilitation – Meter / Service Replacement

Staff Recommendation

No recommendation.

Background

On January 16, 2019, District staff received a letter from the City of Beaumont (City) notifying the District of their planned Beaumont Avenue Rehabilitation Project and Citywide Slurry Seal Project. Specifically, the City plans to resurface Beaumont Avenue from Brookside Avenue south to Cougar Way and from Oak Valley Parkway south to Interstate 10 (a project location map is provided as Figure 1).

Staff has identified many existing service laterals between 6th Street and Oak Valley Parkway which are old galvanized pipe services (or other material which is substandard to current District standards) and will be subject to a higher risk of leakage once the City's planned project is complete.

Additionally, District Staff has identified two (2) pipelines within the project limits which have required significant maintenance and repair activities over recent years, as shown in Figure 2. The two (2) locations are as follows:

1. Area 1: 9th Street between Euclid Avenue and Beaumont Avenue, consisting of approximately 420 linear feet (LF) of 8" steel water main;
2. Area 2: 11th Street between the alley east of Euclid Avenue and Beaumont Avenue, consisting of approximately 200 LF of 4" steel water main.

In order to mitigate potential increased leakage after construction and to address ongoing and anticipated maintenance concerns, District staff proposes that new water service laterals and meters be installed to replace approximately 68 existing water meters and service laterals located within Beaumont Avenue, before the City resurfacing project is set to begin, which is anticipated for early 2020.

The City has hired a consultant for the design component of the pavement process and the design is underway. In discussions with City staff, the City anticipates going out to bid in the upcoming months.

District staff anticipates designing a hybrid construction project similar to the methodology employed by the District for a recent similar project located on 8th Street and would solicit construction services for installation of service connection/meter and pipelines to bid with a limited scope where the contractor would perform the work and provide limited services, with



District staff providing materials and supporting labor efforts for a cost effective approach to the project.

Currently, it is anticipated that District Field crews would perform the pipeline and service replacement work with support from a general contractor for concrete replacement and also a material testing firm for compaction verification. There is a potential for a need for some pavement work, so the current estimate accounts for these potential costs.

District staff anticipates this project being a coordinated effort with the City's proposed rehab work, to ensure the roadway life is maximized at the end of the City's Rehabilitation Project.

Currently, the District has a plan for the Beaumont Avenue, 9th Street and 11th Street Pipeline and Service Replacement Project which is estimated to be at 80% complete (Figure 2). District staff has prepared an estimate of probable costs to inform the Board of Directors of the anticipated costs for this project. The actual costs from the February 2018 - 8th Street Lateral Replacement project were used as a starting point and the estimated costs were adjusted to reflect some of the nuances of Beaumont Avenue, as well as and incorporating 9th Street and 11th Street replacement pipelines.

Fiscal Impact

The fiscal impact to the District is approximately \$402,737. The funds for this project would be expended from the Capital Reserve Replacement. The breakdown of the estimated costs are shown in Figures 3A, 3B, and 3C.

Attachment(s)

Figure 1 – Project Location Map

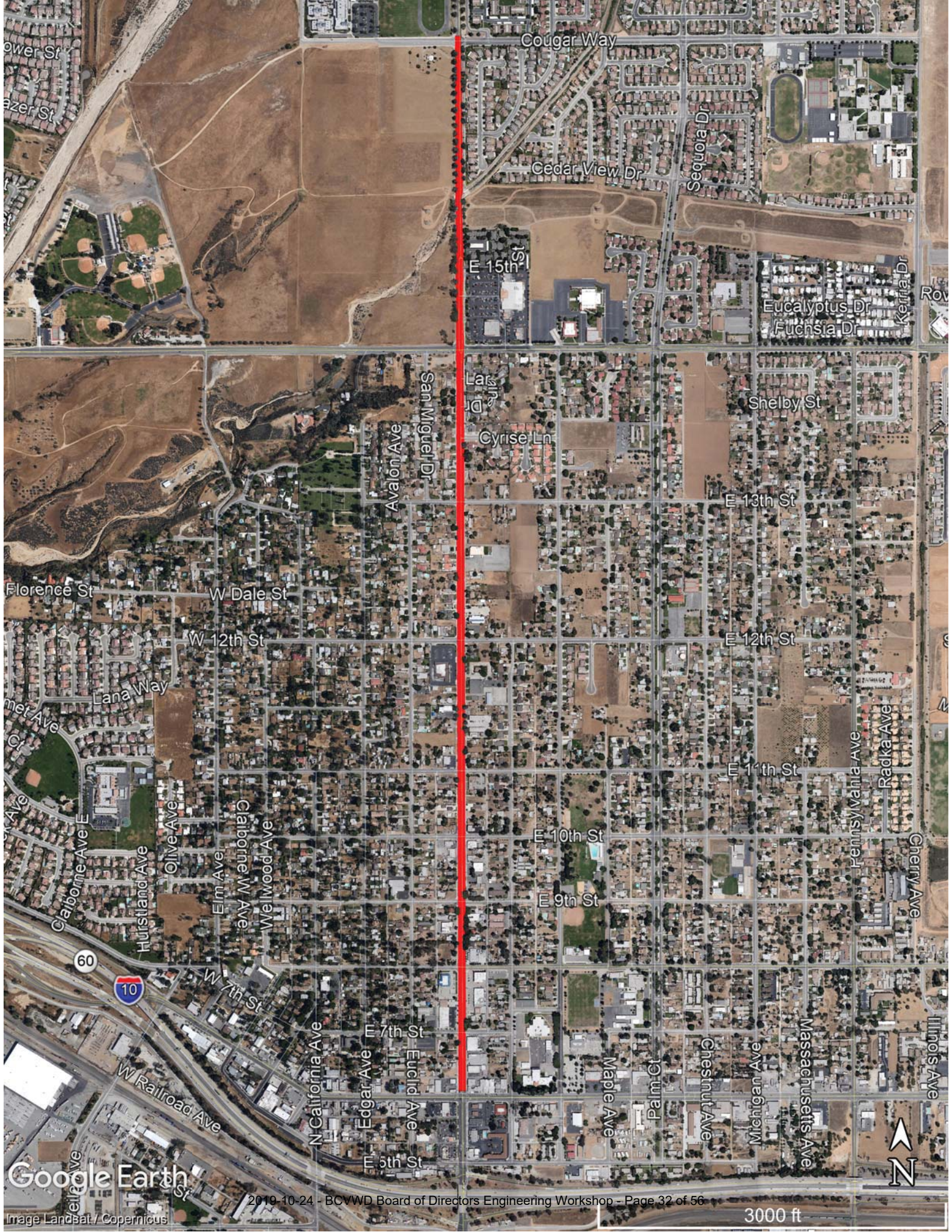
Figure 2 – 80% Project Plans – Beaumont Avenue, 9th Street, and 11th Street Replacement

Figure 3A – Engineering Estimate of Probable Costs for Beaumont Avenue Service Replacement

Figure 3B - Engineering Estimate of Probable Costs for 9th Street Pipeline Replacement

Figure 3C – Engineering Estimate of Probable Costs for 11th Street Pipeline Replacement

Staff Report prepared by Mark Swanson, Senior Engineer

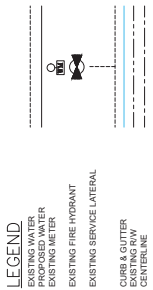
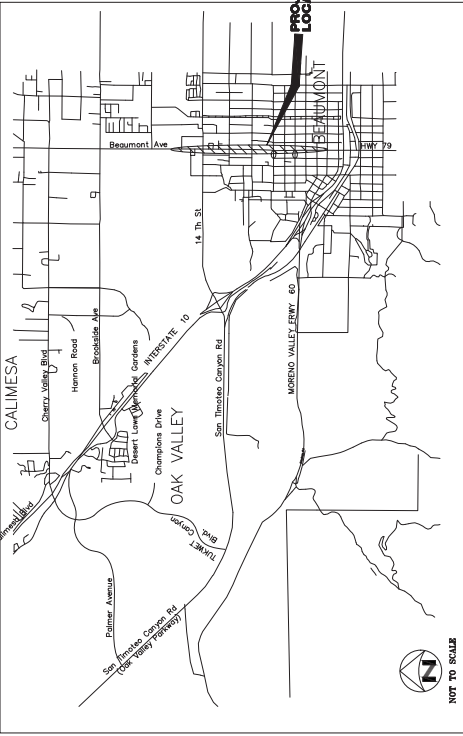


Google Earth

3000 ft



BEAUMONT-CHERRY VALLEY WATER DISTRICT WATER SERVICE LATERAL AND PIPELINE REPLACEMENT PLAN FOR BEAUMONT AVENUE, 9TH STREET AND 11TH STREET PRESSURE ZONE 2750



ABBREVIATIONS

BEAUMONT-CHERRY VALLEY WATER DISTRICT
 DUCTILE IRON PIPE D.I.P.
 STEEL PIPE S.P.
 WATER SERVICE LATERAL W.S.L.
 FIRE HYDRANT F.H.
 SERVICE LATERAL S.L.
 FIRE HYDRANT F.H.
 SERVICE LATERAL S.L.

CONSTRUCTION NOTES

- ALL MECHANICAL FITTINGS TO BE RESTRAINED.
- RESTRAINTS TO BE PROVIDED FOR ALL JOINTS.
- ALL JOINTS TO BE RESTRAINED WITH S.P.A.P.E. "FIELD-LOCK 3107" GASKETS, MECA LOGS IF APPLICABLE, AND/OR DISTRICT APPROVED EQUAL.
- ALL HYDRANT, DRAIN, AND BLOW-OFF LATERALS SHALL HAVE RESTRAINED JOINTS.
- ALL HYDRANT, DRAIN, AND BLOW-OFF LATERALS TO BE INSTALLED BEFORE AND AFTER ALL TEES, ELBOWS, AND CROSSES ARE INSTALLED.
- DOMESTIC WATER MAIN SHALL BE MINIMUM PRESSURE CLASS 350 D.I.P. UNDER STORM DRAIN CROSSINGS A 30 FOOT LENGTH OF D.I.P. SHALL BE CENTERED UNDER STORM DRAIN SUCH THAT CROSSINGS ARE MADE AT 90 DEGREE ANGLES.
- ALL PROPOSED 2 INCH BLOW-OFF AND AIR VACUUM VALVE ASSEMBLIES AT INTERFACE CONNECTIONS ARE TEMPORARY.

DISTRICT ENGINEER'S NOTICE TO CONTRACTOR(S)

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE THE RESPONSIBILITY OF THE PREPARER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES PRIOR TO BEDDING FOR CONSTRUCTION. ACCEPTANCE OF THE DESIGN HEREON, IN THE EVENT OF DISCREPANCIES ARISING AFTER BIDDING APPROVAL OR DURING CONSTRUCTION, THE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE BIDDING.

SHEET NO.	DESCRIPTION
1	TITLE, LOCATION MAP, DRAWING INDEX AND WATER NOTES
2	BEAUMONT AVENUE - STA. 10+00 - 22+30±
3	BEAUMONT AVENUE - STA. 22+30± - 34+50±
4	BEAUMONT AVENUE - STA. 34+50± - 47+10±
5	BEAUMONT AVENUE - STA. 47+10± - 60+03±
6	BEAUMONT AVENUE - STA. 60+03± - 73+07±
7	BEAUMONT AVENUE - STA. 73+07± - 79+72
8	9TH STREET & 11TH STREET PIPELINE REPLACEMENT PLANS

DRAWING INDEX

48 hours BEFORE execution
 1-(800)227-2600
 CALL Underground Service Alert

WATER NOTES

- ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE DISTRICT STANDARDS FOR THE FURNISHING OF MATERIALS AND THE CONSTRUCTION OF WATER AND PIPELINE REPLACEMENT WATER SYSTEM PLANS, LATEST REVISION, AND THE APPLICABLE CALIFORNIA REGULATIONS.
- WORK SHALL BE PERFORMED BY A CONTRACTOR LICENSED IN THE STATE OF CALIFORNIA, EXPERIENCED IN WATER UTILITY CONSTRUCTION.
- VALVE COVER CROSS SECTION TO BE CONSTRUCTED FROM THE DISTRICT AND PAV INSPECTION AND RECORD DRAWINGS.
- UNLESS OTHERWISE INDICATED, ALL PIPES SHALL BE CEMENT MORTAR LINED DUCTILE IRON PIPE, MINIMUM PRESSURE CLASS 500, WITH PUSH-ON JOINTS. ALL PIPES SHALL BE INSTALLED WITH PROPER SLOPE TO MAINTAIN FLOW IN THE DIRECTION OF THE MAIN LINE.
- FOR SEPARATION REQUIREMENTS BETWEEN WATER AND RECYCLED WATER, STORM DRAINING, AND SEWERLINES, SEE STATE OF CALIFORNIA CODE OF REGULATIONS, TITLE 22, SECTION 8457.
- CONTRACTOR SHALL CONTACT UNDERGROUND UTILITY SERVICE ALERT OF SOUTHERN CALIFORNIA GAS COMPANY PRIOR TO COMMENCING WORK. LOCATION OF ALL UNDERGROUND UTILITIES TO BE VARIED DAYS PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FROM CITY OF BEAUMONT, CITY OF BANNING, CALIFORNIA WATER SERVICES BOARD, AND CALIFORNIA PUBLIC UTILITIES AND ENERGY COMMISSION. ALL PERMITS SHALL BE INSTALLED IN ACCORDANCE WITH THE DISTRICT STANDARD PLATE NO. 1-1(1-2) AND SHALL BE TYPE JONES 3706 F 74 X 23.5 X 2.5" OUTLET.
- CONTRACTOR SHALL NOTIFY THE DISTRICT AT (951) 846-5691 TWO WORKING DAYS PRIOR TO THE START OF WORK AND THE DISTRICT WILL BE ADVISED OF THE START AND END DATES BY PRECEDING WEDNESDAY AT 4:00 P.M. PRIOR TO WORKING DURING THE WEEKEND. CANCELLATIONS SHALL BE NOTIFIED TO THE DISTRICT BY PRECEDING FRIDAY AT 3:00 P.M.
- CONTRACTOR SHALL MAINTAIN ALL NECESSARY VALVES TO BE OPERATED BY THE CONTRACTOR, DISTRICT PERSONNEL WILL OPERATE ALL NECESSARY VALVES.
- NO DEVIATIONS FROM THESE PLANS SHALL BE PERMITTED WITHOUT THE APPROVAL OF THE DISTRICT.
- IF ANY WATER MAINS SHALL NOT BE MARKED OUT AS SERVICE FOR MORE THAN 4 HOURS, CONTRACTOR SHALL NOTIFY ALL WATER USERS AFFECTED BY THE SHUTDOWN A MINIMUM OF 48 HOURS PRIOR TO THE ACTUAL SHUTDOWN, INDICATE THE DATE AND PRECISE HOURS THAT THE MAIN WILL BE SHUT DOWN.
- FIRE FLOW FOR THIS PROJECTS AT 20 PS RESIDUAL.
- CONTRACTOR SHALL CONFORM TO THE STREET EXCAVATION REPLACEMENT STANDARDS OF THE CITY OF BEAUMONT OR RIVERSIDE COUNTY, WHICHEVER HAS JURISDICTION.
- BEAUMONT STANDARD PLATE NO. 1-1(1-2) SHALL BE USED FOR ALL PLACEMENT OF CONCRETE FOR UTILITIES.
- AIR AND VACUUM RELEASE ASSEMBLIES PER DISTRICT STANDARD PLATES NO. 5-1 AND 5-2 SHALL BE INSTALLED AT ALL HIGH POINTS ON THE WATER MAIN, ADDITIONAL ASSEMBLIES OVER THOSE SHOWN SHALL BE INSTALLED AT ALL HIGH POINTS ON THE SERVICE LATERAL. ALL ASSEMBLIES TO BE IN LINE OR GRADE OF THE WATERLINE. 7" AIR VALVE PIPING SHALL BE TAPE WRAPE PER NOTE 17.
- CONTRACTOR TO INSTALL MINIMUM 7" COPPER TYPE K SERVICE LATERALS IN ACCORDANCE WITH DISTRICT STANDARD PLATE NO. 3-1 AND 3-2. ALL SERVICE LATERALS TO BE INSTALLED WITH ALL CONNECTIONS OR RETIREMENTS OF ANY DISTRICT FACILITIES.
- CONTRACTOR SHALL COORDINATE ALL RECONNECTS WITH DISTRICT PERSONNEL PRIOR TO ANY CONNECTIONS OR RETIREMENTS OF ANY DISTRICT FACILITIES.
- THE PLANS AS A MINIMUM SEE CONSTRUCTION NOTE 18 ON SHEET 7.
- CONTRACTOR SHALL BEAR ALL COSTS FOR THE CORRECT OR REMOVE AND REPLACEMENT OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS OF ADDITIONAL ADMINISTRATIVE PROFESSIONAL CONSULTANT, INSPECTION, TESTING, AND OTHER SERVICES REQUIRED TO CORRECT OR REMOVE AND REPLACE ANY UNDERGROUND UTILITIES OR STRUCTURES. COUNTY TYPE DEPARTMENT (REQUIRED FOR TREE TRUNK MARKING) LATEST VERSION.
- CONTRACTOR SHALL INSTALL BLUE REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH THE DISTRICT STANDARD PLATE NO. 1-1(1-2) AND SHALL BE TYPE JONES 3706 F 74 X 23.5 X 2.5" OUTLET.
- ALL FIVE HYDRANT BARRIERS ARE TO BE CHROME YELLOW TOPS AND NOZZLE CAPS PAINTED WITH RED STRIPES. ALL HYDRANT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH DISTRICT STANDARD PLATE NO. 3-1 AND 3-2.
- ALL DRY UTILITIES SHALL BE LOCATED ON OPPOSITE PROPERTY LINE FROM WATER SERVICE LATERAL OR NO CLOSER THAN 2' TO ANY WATER SERVICE LATERAL.
- ALL PIPE SHALL BE HYDRO TESTED, DISINFECTED AND APPROVED PRIOR TO FINAL CONNECTION TO MAIN LINE.
- BASES OF WATER LINE STATIONING SHALL BE ALONG STREET CENTERLINE, UNLESS OTHERWISE NOTED.
- ALL MATERIALS SHALL BE OF DOMESTIC ORIGIN AND NOT OF FOREIGN MANUFACTURE.
- CONTRACTOR SHALL APPROVE ALL MATERIALS TO BE USED IN ACCORDANCE WITH THE DISTRICT STANDARDS PRIOR TO FINAL ACCEPTANCE OF THE WORK.
- CONTRACTOR SHALL FURNISH TO THE DISTRICT COPIES OF ALL SOIL COMPACTION TEST REPORTS AND ALL OTHER TEST REPORTS TO BE USED IN ACCORDANCE WITH THE DISTRICT STANDARD PLATE NO. 1-1(1-2) AND SHALL BE TYPE JONES 3706 F 74 X 23.5 X 2.5" OUTLET.
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CONTRACTOR'S RESPONSIBILITY FOR THE JOB SITE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES SHOWN ON THESE PLANS.

"NOT FOR CONSTRUCTION" 2750 PZ

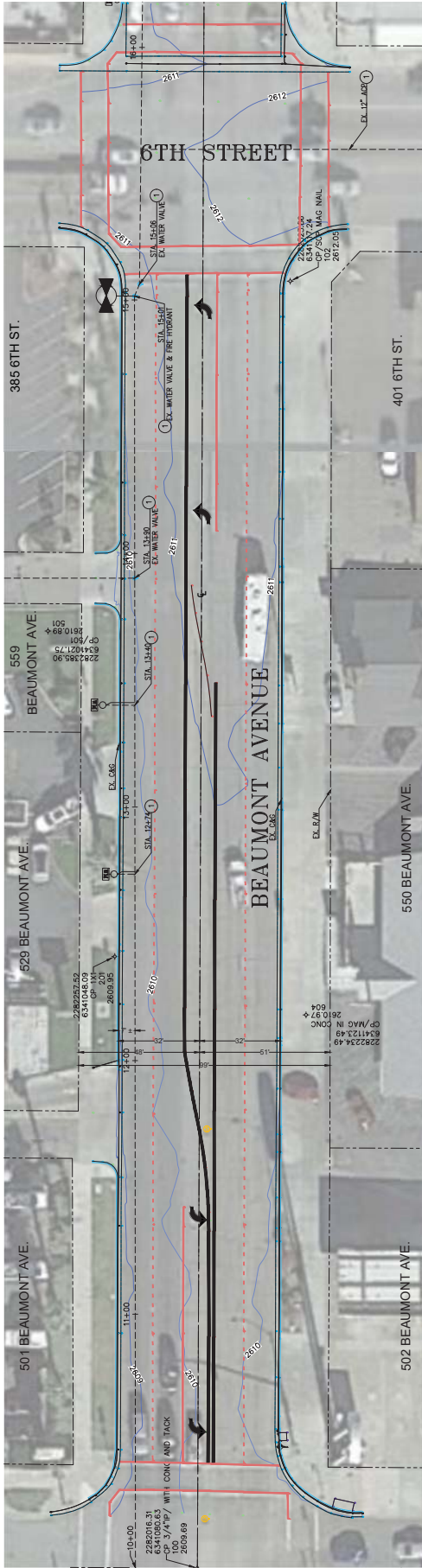
SCALE AS NOTED	BCVWD
FIELD BOOK N/A	SERVICE LATERAL AND PIPELINE REPLACEMENT PLAN
DESIGN N/A	TITLE SHEET, SHEET INDEX
DRAWN DAB	LOCATION MAP
CHECKED MBS/DKJ	

BEAUMONT-CHERRY VALLEY WATER DISTRICT
 500 Magnolia Ave. • Beaumont, CA 92223 • 951-845-5981

REGISTERED ENGINEER No. _____ DATE _____

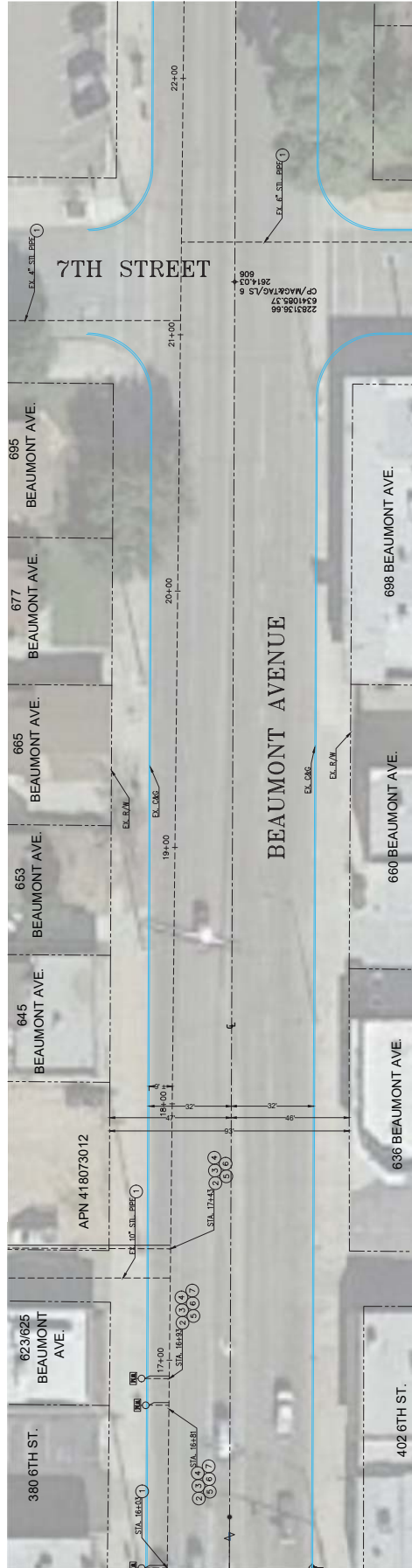
APPROVED BY _____

STA 16+18± - MATCHLINE SEE BELOW LEFT



5TH STREET

STA 22+30± - MATCHLINE SEE SHEET 3



STA 16+18± - MATCHLINE SEE ABOVE RIGHT

- CONSTRUCTION NOTES**
- PROTECT IN PLACE EXISTING SERVICE
 - INSTALL 1" SERVICE SADDLE AND CORPORATION STOP PER BCVWD STANDARD DRAWING 6-1 FOR NEW SERVICE LATERAL
 - FURNISH AND INSTALL 1" COPPER WATER LATERAL AND ANGLE METER STOP AND CONNECT NEW SERVICE LATERAL TO EXISTING METER PER STANDARD DRAWINGS 6-1, 6-2 AND 6-3 (EXCLUDING METERS)
 - RELOCATE EXISTING WATER SERVICE AS REQUIRED FOR CONSTRUCTION, INCLUDING ALL COORDINATION WITH BCVWD
 - REMOVE AND REPLACE EXISTING METER BOX AS REQUIRED WITH DISTRICT FURNISHED METER BOX PER BCVWD STANDARD DRAWING 12
 - DEMOLISH, REMOVE AND REPLACE 4' x 6' SECTION OF CONCRETE SIDEWALK AT WATER SERVICE LATERAL LOCATION

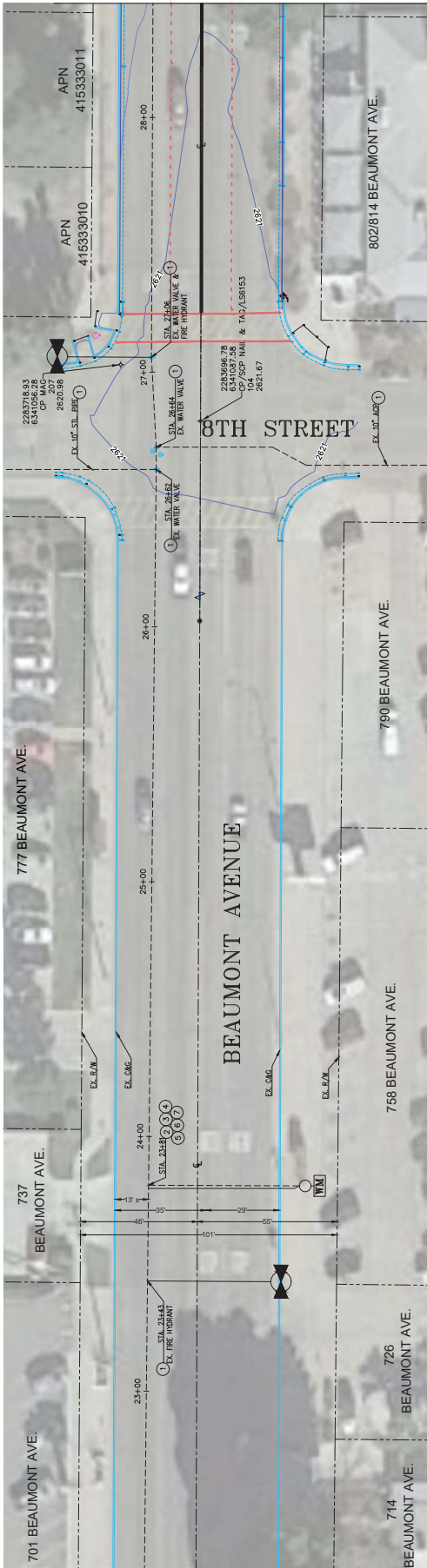
NOTE: ALL NEW CONCRETE SHALL BE IN CONFORMANCE WITH CITY OF BEAUMONT REQUIREMENT FOR SIDEWALKS.



"NOT FOR CONSTRUCTION" 2750 PZ

	SCALE AS NOTED	BCVWD	SHEET	2	FILE NO.
BEAUMONT - CHERRY VALLEY WATER DISTRICT		SERVICE LATERAL AND PIPELINE REPLACEMENT PLAN		OF 8 SHEETS	
560 Magnolia Ave. • Beaumont, CA 92223 • 951-845-9581		DRAWN: JAB		STA. 10+00 - 22+30±	
APPROVED BY: _____		REGISTERED ENGINEER No. _____		DATE: _____	
REVISIONS		DATE		BY	
SYN		DATE		BY	

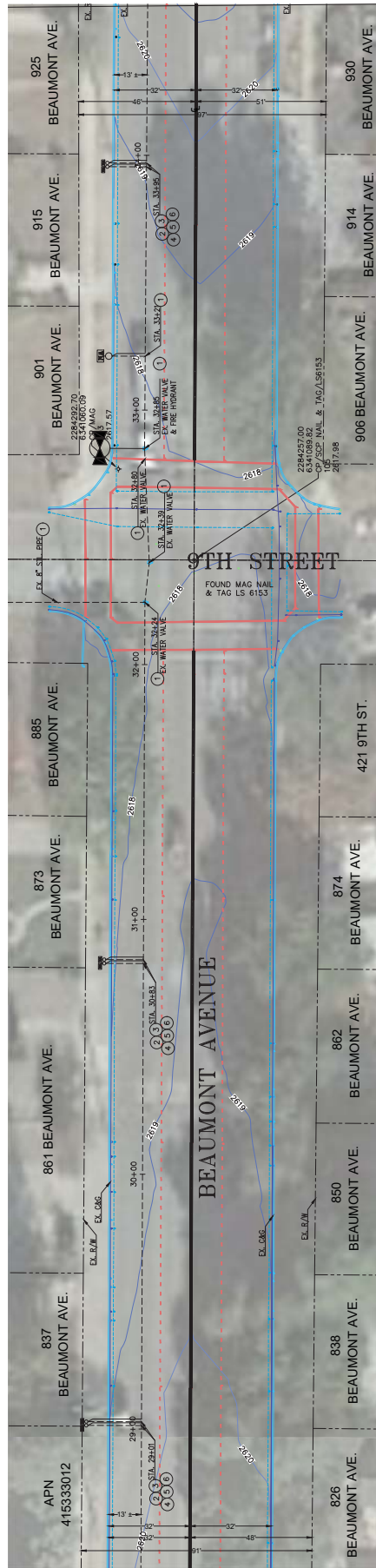
STA 28+44± - MATCHLINE SEE BELOW LEFT



STA 22+30± - MATCHLINE SEE SHEET 2

STA 34+59± - MATCHLINE SEE SHEET 4

9TH STREET PIPELINE REPLACEMENT SEE SHEET 4



STA 28+44± - MATCHLINE SEE BELOW LEFT

- CONSTRUCTION NOTES**
1. PROTECT IN PLACE EXISTING SERVICE
 2. FURNISH AND INSTALL 1" SERVICE SADDLE AND CORPORATION STOP PER BCVWD STANDARD DRAWING 6-1 FOR NEW SERVICE LATERAL AND ANGLE METER STOP AND CONNECT NEW SERVICE LATERAL TO EXISTING METER PER STANDARD DRAWINGS 6-1, 6-2 AND 6-3 (EXCLUDING METERS)
 3. RELOCATE EXISTING WATER SERVICE AS REQUIRED FOR CONSTRUCTION, INCLUDING ALL COORDINATION WITH BCVWD
 4. DISINFECT ALL POTABLE WATER PIPING AND APPURTENANCES (PER AWWA STANDARD)
 5. REMOVE AND REPLACE EXISTING METER BOX AS REQUIRED WITH DISTRICT FURNISHED METER BOX PER BCVWD STANDARD DRAWING 12
 6. RELOCATE, REMOVE AND REPLACE CONCRETE SIDEWALK AT SERVICE LATERAL LOCATION
 7. PERFORM, REMOVE AND REPLACE CONCRETE SIDEWALK AT SERVICE LATERAL LOCATION

* NOTE: ALL NEW CONCRETE SHALL BE IN CONFORMANCE WITH CITY OF BEAUMONT REQUIREMENT FOR SIDEWALKS.

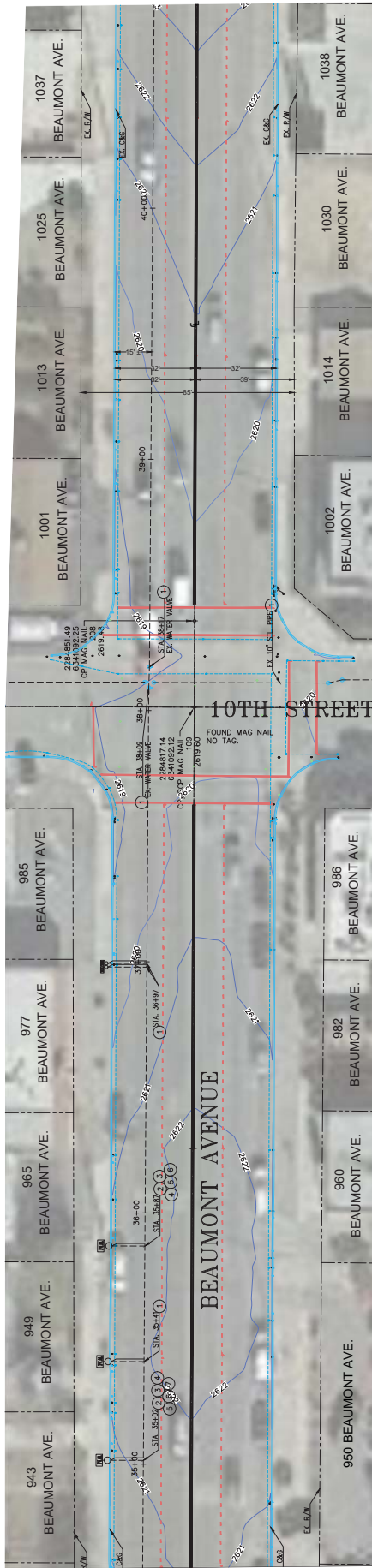


"NOT FOR CONSTRUCTION"

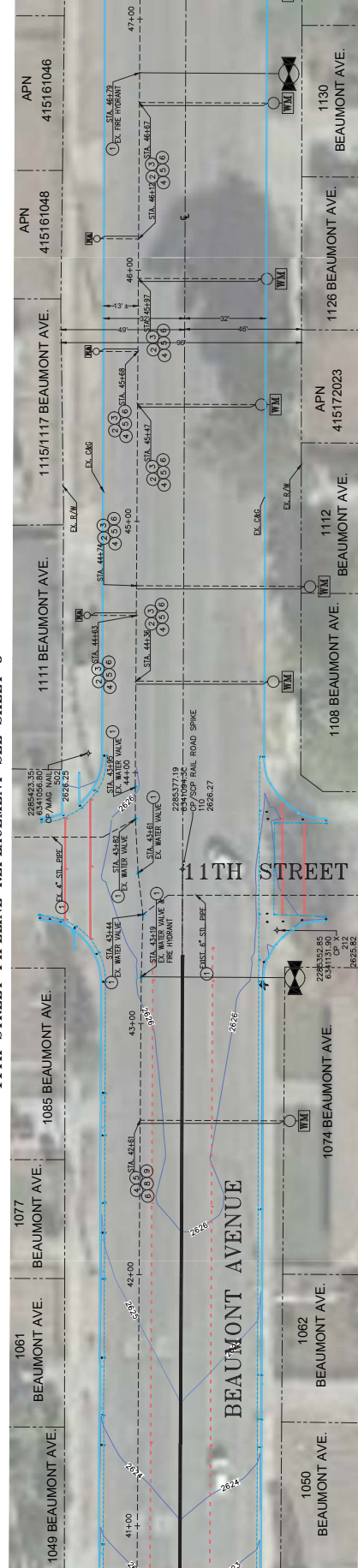
BEAUMONT - CHERRY VALLEY WATER DISTRICT	BCVWD	SHEET 3	OF 8 SHEETS
560 Magnolia Ave. • Beaumont, CA. 92223 • 951-846-9881	SERVICE LATERAL AND PIPELINE REPLACEMENT PLAN	AS NOTED	FILE NO.
APPROVED BY: _____	DESIGN: N/A	FIELD BOOK: N/A	
REGISTERED ENGINEER No. _____	DRAWN: DAB	CHECKED: MBS/PJK	
DATE: _____	STA. 22+30± - 34+59±		

STA 41+81± - MATCHLINE SEE BELOW LEFT

STA 47+10± - MATCHLINE SEE SHEET 5



STA 34+59± - MATCHLINE SEE SHEET 3



STA 41+81± - MATCHLINE SEE ABOVE RIGHT



SCALE: 1"=20'

NOTE: ALL NEW CONCRETE SHALL BE IN CONFORMANCE WITH CITY OF BEAUMONT REQUIREMENT FOR SIDEWALKS.

- CONSTRUCTION NOTES**
1. VERIFY EXISTING SERVICE
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"NOT FOR CONSTRUCTION" 2750 PZ

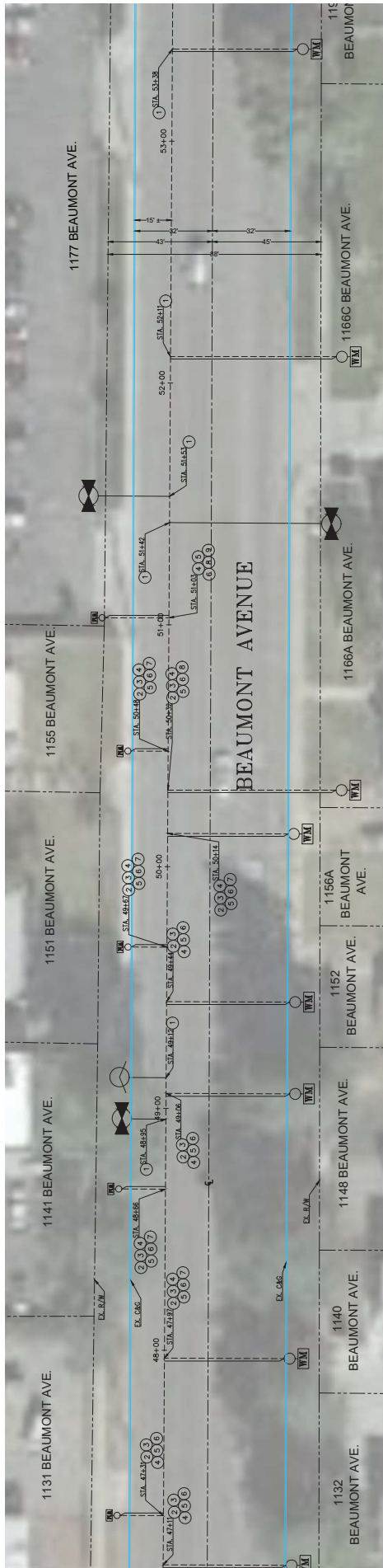
<p>BEAUMONT - CHERRY VALLEY WATER DISTRICT</p> <p>500 Magnolia Ave. • Beaumont, CA 92223 • 951-845-9891</p> <p>APPROVED BY: _____ DATE: _____</p> <p>REGISTERED ENGINEER NO. _____</p>	<p>BCVWD</p> <p>SERVICE LATERAL AND PIPELINE REPLACEMENT PLAN</p> <p>STA. 34+59± - 47+10±</p>	<p>SHEET</p> <p>4</p> <p>OF 8 SHEETS</p> <p>FILE NO. _____</p>
<p>SCALE: AS NOTED</p> <p>FIELD BOOK: N/A</p> <p>DESIGN: N/A</p> <p>DRAWN: DAB</p> <p>CHECKED: MBS/DKJ</p>		

NO.	REVISIONS	DATE	BY

48 hours BEFORE excavation

1-(800)221-2600

CALL Underground Service Alert



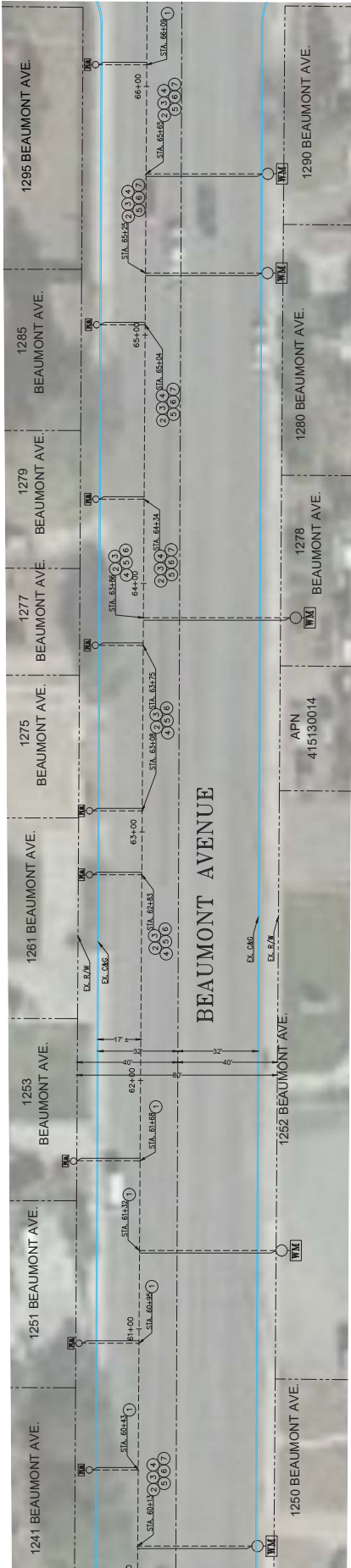
* NOTE: ALL NEW CONCRETE SHALL BE IN CONFORMANCE WITH CITY OF BEAUMONT REQUIREMENT FOR SIDEWALKS.

- CONSTRUCTION NOTES**
- 1. PROTECT IN PLACE EXISTING SERVICE
 - 2. FURNISH AND INSTALL 1" SERVICE SADDLE AND CORPORATION STOP PER BCWVD STANDARD DRAWING 6-1 FOR NEW SERVICE LATERAL
 - 3. FURNISH AND INSTALL 1" COPPER WATER SERVICE LATERAL AND ANGLE METER STOP AND CONNECT NEW SERVICE LATERAL TO EXISTING METER PER STANDARD DRAWINGS 6-1, 6-2 AND 6-3 (EXCLUDING METERS)
 - 4. RELOCATE EXISTING WATER SERVICE AS REQUIRED FOR CONSTRUCTION, INCLUDING ALL COORDINATION WITH BCWVD
 - 5. DISINFECT ALL POTABLE WATER SERVICE PIPING AND APPURTENANCES (PER AWWA STANDARD)
 - 6. REMOVE AND REPLACE EXISTING METER BOX AS REQUIRED WITH DISTRICT FURNISHED METER BOX PER BCWVD
 - 7. REMOVE AND REPLACE EXISTING METER BOX AS REQUIRED WITH DISTRICT FURNISHED METER BOX PER BCWVD
 - 8. REMOVE AND REPLACE EXISTING SIDEWALK AT WATER SERVICE LATERAL LOCATION
 - 9. FURNISH AND INSTALL 2" SERVICE SADDLE AND CORPORATION STOP PER BCWVD STANDARD DRAWING 6-4 FOR NEW SERVICE LATERAL
 - 10. FURNISH AND INSTALL 2" SERVICE SADDLE AND CORPORATION STOP PER BCWVD STANDARD DRAWING 6-4 FOR NEW LATERAL TO EXISTING METER PER STANDARD DRAWINGS 6-4

"NOT FOR CONSTRUCTION" 2750 PZ

BEAUMONT-CHERRY VALLEY WATER DISTRICT 500 Magnolia Ave. • Beaumont, CA 92223 • 951-845-9481	BCWVD SERVICE LATERAL AND PIPELINE REPLACEMENT PLAN STA. 47+10± - 60+03±	SCALE: AS NOTED FIELD BOOK: N/A DESIGN: N/A DRAWN: DAB CHECKED: MBS/DKJ	SHEET 5 OF 8 SHEETS FILE NO.
APPROVED BY: _____ REGISTERED ENGINEER No. _____ DATE: _____		REVISIONS SYM _____ DATE _____ BY _____	





* NOTE: ALL NEW CONCRETE SHALL BE IN CONFORMANCE WITH CITY OF BEAUMONT REQUIREMENT FOR SIDEWALKS

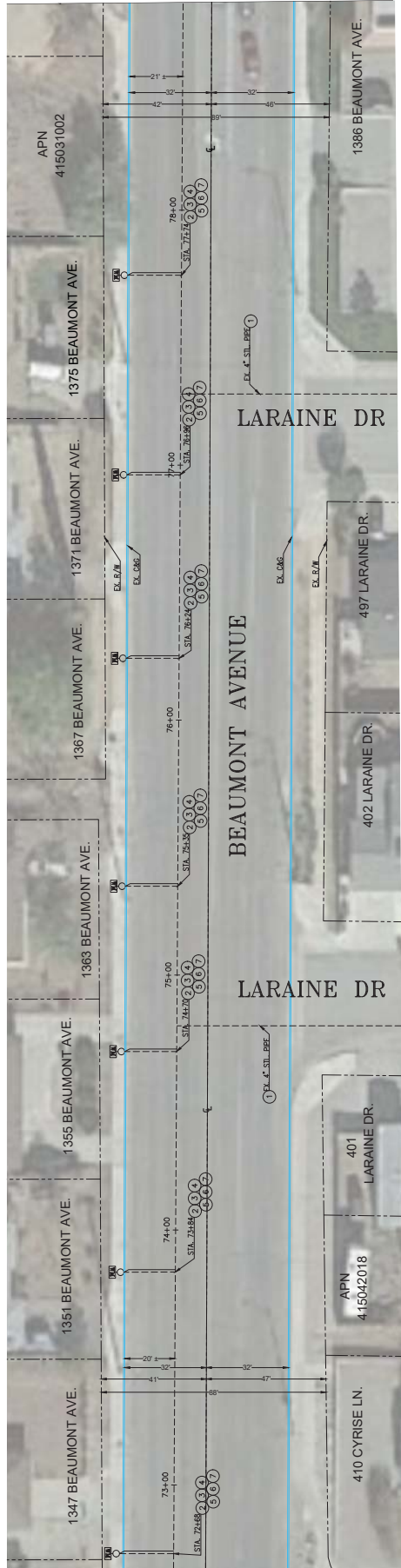
- CONSTRUCTION NOTES**
- PROTECT IN PLACE EXISTING SERVICE
 - FURNISH AND INSTALL 1\"/>

<p>"NOT FOR CONSTRUCTION" 2750 PZ</p> <p>SCALE: AS NOTED</p> <p>FIELD BOOK: N/A</p> <p>DESIGN: N/A</p> <p>DRAWN: DAB</p> <p>CHECKED: RBS/DKJ</p>		<p>SHEET 6</p> <p>OF 8 SHEETS</p> <p>FILE NO.</p>																
		<p>BCVWD</p> <p>SERVICE LATERAL AND PIPELINE REPLACEMENT PLAN</p> <p>STA. 60+03± - 73+07±</p>																
<p>BEAUMONT - CHERRY VALLEY WATER DISTRICT</p> <p>560 Magnolia Ave. • Beaumont, CA 92223 • 951-845-5481</p>																		
<p>APPROVED BY: _____</p> <p>REGISTERED ENGINEER No. _____</p>	<p>DATE: _____</p>	<p>BY: _____</p>																
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			NO.	DESCRIPTION	DATE	BY												
NO.	DESCRIPTION	DATE	BY															



48 hours BEFORE excavation
 1-(800)227-2600
 CMI Underground Service Alert

STA 78+82± - MATCHLINE SEE BELOW LEFT

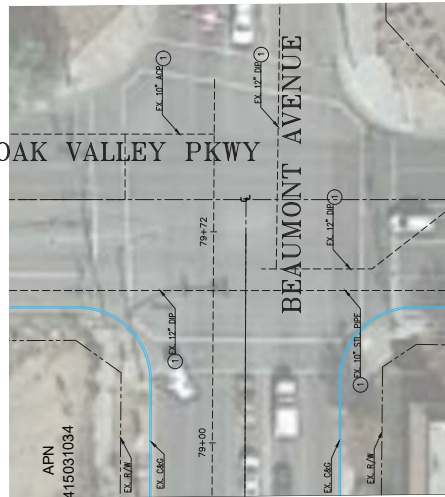


STA 72+66± - MATCHLINE SEE SHEET 6



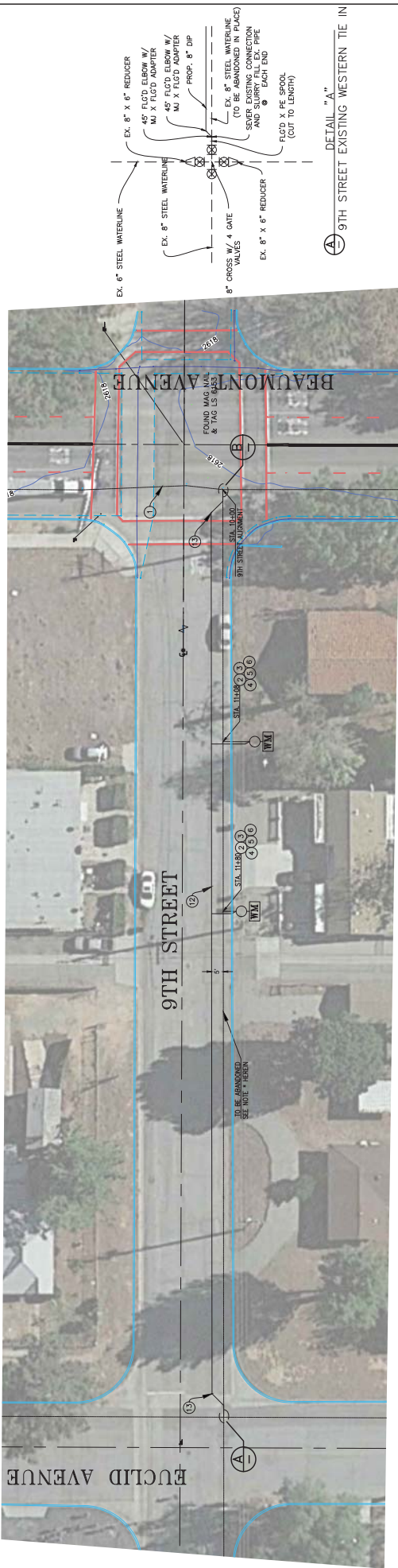
- CONSTRUCTION NOTES**
- 1 PROTECT IN PLACE EXISTING SERVICE
 - 2 REMOVE AND RE-INSTALL ALL 1" SERVICE SADDLE AND CORPORATION STOP PER BCVWD STANDARD DRAWING 6-1 FOR NEW SERVICE LATERAL
 - 3 FURNISH AND INSTALL 1" COPPER WATER SERVICE LATERAL AND ANGLE METER STOP AND CONNECT NEW SERVICE LATERAL TO EXISTING METER PER STANDARD DRAWINGS 6-1, 6-2 AND 6-3 (EXCLUDING METERS)
 - 4 RELOCATE EXISTING WATER SERVICE AS REQUIRED FOR CONSTRUCTION, INCLUDING ALL COORDINATION WITH BCVWD
 - 5 RELOCATE EXISTING WATER SERVICE AS REQUIRED FOR CONSTRUCTION, INCLUDING ALL COORDINATION WITH BCVWD
 - 6 REMOVE AND REPLACE EXISTING METER BOX AS REQUIRED WITH DISTRICT FURNISHED METER BOX PER BCVWD STANDARD DRAWING 7-2
 - 7 REWORK, REMOVE AND REPLACE 4' X 6' SECTION OF CONCRETE SIDEWALK AT WATER SERVICE LATERAL LOCATION

NOTE: ALL NEW CONCRETE SHALL BE IN CONFORMANCE WITH CITY OF BEAUMONT REQUIREMENT FOR SIDEWALKS.

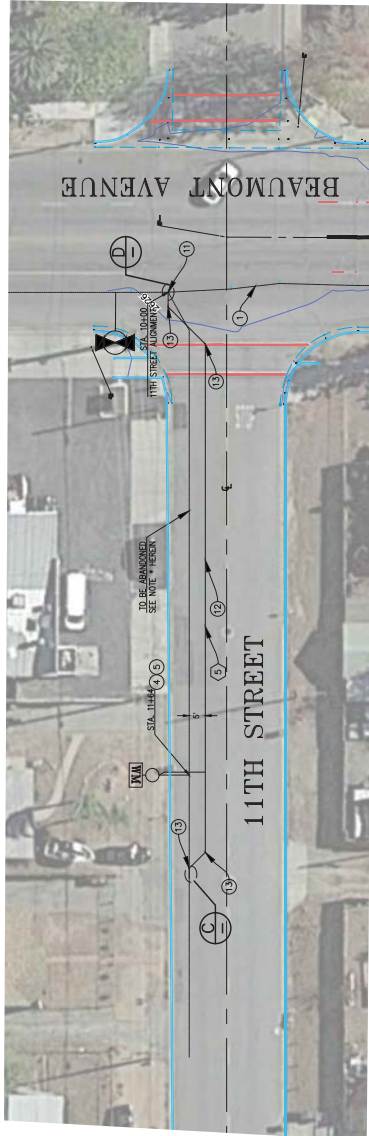


STA 78+82± - MATCHLINE SEE ABOVE RIGHT

"NOT FOR CONSTRUCTION" 2750 PZ SCALE: AS NOTED FIELD BOOK: N/A DESIGN: N/A DRAWN: DAB CHECKED: MBS/DKJ		SHEET 7 OF 8 SHEETS
		FILE NO.:
BCVWD SERVICE LATERAL AND PIPELINE REPLACEMENT PLAN STA. 72+66± - 79+72±		
BEAUMONT - CHERRY VALLEY WATER DISTRICT 560 Magnolia Ave. • Beaumont, CA 92223 • 951-845-5951		
APPROVED BY: _____ DATE: _____ REGISTERED ENGINEER No. _____		
REVISIONS		
SYM	DATE	BY



9TH STREET PIPELINE REPLACEMENT

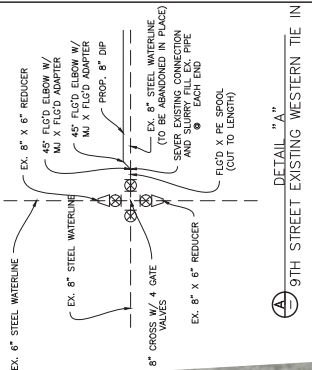


11TH STREET PIPELINE REPLACEMENT

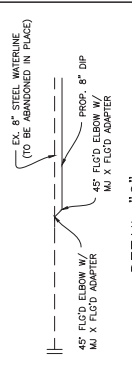
- CONSTRUCTION NOTES**
- PROTECT IN PLACE EXISTING SERVICE
 - FURNISH AND INSTALL 1" SERVICE SADDLE AND COORDINATION STOP PER BCOWD STANDARD DRAWING 6-1 FOR NEW SERVICE
 - FURNISH AND INSTALL 1" COPPER WATER SERVICE LATERAL AND ANGLE METER STOP AND CONNECT NEW SERVICE LATERAL
 - FURNISH AND INSTALL 1" COPPER WATER SERVICE LATERAL AND ANGLE METER STOP AND CONNECT NEW SERVICE LATERAL
 - TO EXISTING METER PER STANDARD DRAWINGS 5-1, 5-2 AND 6-3 (EXCLUDING METERS)
 - RELOCATE EXISTING WATER SERVICE AS REQUIRED FOR CONSTRUCTION, INCLUDING ALL COORDINATION WITH BCOWD
 - DISINFECT ALL POTABLE WATER SERVICE PIPING AND APPURTENANCES (PER AWWA STANDARD)
 - REMOVE AND REPLACE EXISTING METER BOX AS REQUIRED WITH DISTRICT FURNISHED METER BOX PER BCOWD
 - THE IN TO EXISTING 10" STEEL PIPELINE
 - INSTALL 10" DP (CLASS 350) AND BEDDING PER BCOWD PLATE 6-1 (50' MIN. COVER)
 - INSTALL 8" - 45° FLANGED ELBOW

48 hours BEFORE excavation
 1 - (800) 227-2600
 CALL Underground Service Alert

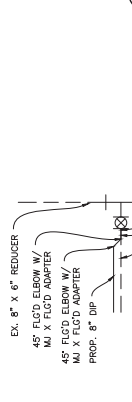
REVISIONS	DATE	BY



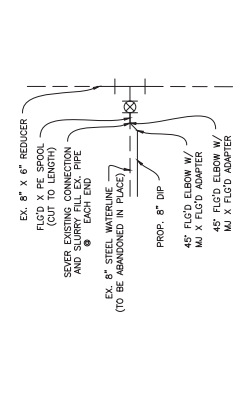
DETAIL "A"
 9TH STREET EXISTING WESTERN TIE-IN



DETAIL "C"
 11TH STREET EXISTING WESTERN TIE-IN



DETAIL "B"
 9TH STREET EXISTING EASTERN TIE-IN



DETAIL "D"
 11TH STREET EXISTING EASTERN TIE-IN

"NOT FOR CONSTRUCTION" 2750 PZ

SCALE: AS NOTED

FIELD BOOK	N/A
DESIGN	N/A
DRAWN	DAB
CHECKED	MBS/DKJ

BCVWD
 SERVICE LATERAL AND PIPELINE REPLACEMENT PLAN
 9TH & 11TH STREET
 PIPELINE REPLACEMENT

BEAUMONT - CHERRY VALLEY WATER DISTRICT
 560 Magnolia Ave. • Beaumont, CA. 92223 • 951-845-5951

APPROVED BY: _____ DATE: _____
 REGISTERED ENGINEER No. _____

BEAUMONT-CHERRY VALLEY WATER DISTRICT
PRELIMINARY ENGINEERS CONSTRUCTION COST ESTIMATE
PROJECT No. Beaumont Avenue Replacement (Sixth Street to Oak Valley Parkway)

ITEM NO.	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	
				UNIT PRICE	TOTAL
1	8th Street Service Replacement Costs				
1.1	Engineering & Field Labor	1	L.S.	\$24,750.60	\$24,750.60
1.2	Materials (Pipe/Fittings/Etc)	1	L.S.	\$46,047.64	\$46,047.64
1.3	Meters (1" & 2" Total = 57)	1	L.S.	\$81,922.00	\$81,922.00
				Subtotal:	\$152,720.24
				Per Meter Cost:	\$2,679.30
2	Beaumont Avenue Service Replacement Costs				
Using the "Per Meter Cost" from the 8th Street Service Replacement Project, Staff has adjusted for the slight increase in costs for certain materials (copper pipe, fittings, and roadway related materials) as well as additional work needed on the services which pull to the long side due to Beaumont Avenue being approximately 18' wider than 8th Street.					
2.1	Engineering & Field Labor	1.12	L.S.	\$33,070.28	\$33,070.28
2.2	Materials (Pipe/Fittings/Etc)	1.12	L.S.	\$61,526.11	\$61,526.11
2.3	Meters (1" & 2" Total = 68)	1.07	L.S.	\$104,572.71	\$104,572.71
				Subtotal:	\$199,169.10
				Per Meter Cost:	\$2,928.96

BEAUMONT-CHERRY VALLEY WATER DISTRICT
PRELIMINARY PIPELINE ENGINEERS CONSTRUCTION COST ESTIMATE
PROJECT No. 9th Street Pipeline Replacement (Beaumont Ave. to Euclid Ave.)

ITEM NO.	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	
				UNIT PRICE	TOTAL
1	Mobilization				
1.1	Mobilization	1	L.S.	\$4,000.00	\$4,000.00
				Sub Total:	\$4,000.00
2	Dust Control				
2.1	Dust Control	1	L.S.	\$2,000.00	\$2,000.00
				Sub Total:	\$2,000.00
3	SWPPP				
4	Traffic Control				
4.1	Implement Traffic Control	1	L.S.	\$4,000.00	\$4,000.00
				Sub Total:	\$4,000.00
5	Environmental				
6	Permits				
6.1	Encroachment	1	L.S.	\$1,000.00	\$1,000.00
6.2	Utility Coordinate	1	L.S.	\$1,000.00	\$1,000.00
				Sub Total:	\$2,000.00
7	Potable Water Pipeline				
7.1	8" Potable Water Pipeline - Delivered and Offloaded	420	L.F.	\$30.00	\$12,600.00
7.2	Trench Excavation	420	L.F.	\$12.00	\$5,040.00
7.3	Pipe Laid in Place	420	L.F.	\$6.00	\$2,520.00
7.4	Trench Backfilled and Compacted	420	L.F.	\$12.00	\$5,040.00
7.5	Test and Cleanup	420	L.F.	\$8.00	\$3,360.00
7.6	8"- 45 ° Elbow	2	EA	\$500.00	\$1,000.00
7.7	EBAA Iron Flexible Coupling Labor and Materials	2	EA	\$800.00	\$1,600.00
7.8	Connection to Existing System	1	EA	\$7,500.00	\$7,500.00
				Sub Total:	\$38,660.00
9	Pavement Removal Repair and Replacement				
9.1	Pulverize	1260	S.F.	\$3.00	\$3,780.00
9.2	Cold mix	1260	S.F.	\$5.00	\$6,300.00
9.3	Furnish and Install Class II Base	1260	S.F.	\$4.00	\$5,040.00
9.4	Furnish and Install Base Paving	1260	S.F.	\$6.00	\$7,560.00
9.5	Cold Plane	1260	S.F.	\$2.00	\$2,520.00
9.6	Overlay	1260	EA	\$3.00	\$3,780.00
				Sub Total:	\$28,980.00
10	Materials Testing				
10.1	Compaction Testing/Reporting	1	L.S.	\$3,500.00	\$3,500.00
				Sub Total:	\$3,500.00
11	Miscellaneous				
11.1	Misc. Concrete Removal	1	L.S.	\$10,000.00	\$10,000.00
11.2	Misc. Concrete Replacement	1	L.S.	\$7,500.00	\$7,500.00
				Sub Total:	\$17,500.00
SUBTOTAL ENGINEERS CONSTRUCTION COST ESTIMATE					\$100,640.00
ESTIMATED ENGINEERING COSTS (10%)					\$10,064.00
CONTINGENCIES (10%) (CONSTRUCTION)					\$10,064.00
TOTAL PIPELINE CONSTRUCTION ESTIMATE AND CONTINGENCIES					\$120,768.00

BEAUMONT-CHERRY VALLEY WATER DISTRICT
PRELIMINARY ENGINEERS CONSTRUCTION COST ESTIMATE
PROJECT No. 11th Street Pipeline Replacement (Beaumont Avenue to +/- 200 LF West)

ITEM NO.	DESCRIPTION	QTY	UNIT	ENGINEER'S ESTIMATE	
				UNIT PRICE	TOTAL
1	Mobilization				
1.1	Mobilization	1	L.S.	\$4,000.00	\$4,000.00
1.2	Bonds/Insurance	0	L.S.	\$0.00	\$0.00
1.3	Schedule of Values	0	L.S.	\$0.00	\$0.00
1.4	Preliminary Project Schedule	0	L.S.	\$0.00	\$0.00
1.5	Demobilization	0	L.S.	\$0.00	\$0.00
				Sub Total:	\$4,000.00
2	Dust Control				
2.1	Dust Control	1	L.S.	\$1,000.00	\$1,000.00
				Sub Total:	\$1,000.00
4	Traffic Control				
4.1	Implement Traffic Control	1	L.S.	\$2,500.00	\$2,500.00
				Sub Total:	\$2,500.00
6	Permits				
6.1	Encroachment	1	L.S.	\$1,000.00	\$1,000.00
6.2	SMARTS	0	L.S.	\$1,000.00	\$0.00
6.2	Utility Coordinate	1	L.S.	\$1,000.00	\$1,000.00
				Sub Total:	\$2,000.00
7	Potable Water Pipeline				
7.1	8" Potable Water Pipeline - Delivered and Offloaded	200	L.F.	\$30.00	\$6,000.00
7.2	Trench Excavation	200	L.F.	\$12.00	\$2,400.00
7.3	Pipe Laid in Place	200	L.F.	\$6.00	\$1,200.00
7.4	Trench Backfilled and Compacted	200	L.F.	\$12.00	\$2,400.00
7.5	Test and Cleanup	200	L.F.	\$8.00	\$1,600.00
7.6	8"- 45 ° Elbow	4	EA	\$500.00	\$2,000.00
7.7	EBAA Iron Flexible Coupling Labor and Materials	2	EA	\$800.00	\$1,600.00
7.8	Connection to Existing System	1	EA	\$7,500.00	\$7,500.00
				Sub Total:	\$24,700.00
9	Pavement Removal Repair and Replacement				
9.1	Pulverize	600	S.F.	\$3.00	\$1,800.00
9.2	Cold mix	600	S.F.	\$5.00	\$3,000.00
9.3	Furnish and Install Class II Base	600	S.F.	\$4.00	\$2,400.00
9.4	Furnish and Install Base Paving	600	S.F.	\$6.00	\$3,600.00
9.5	Cold Plane	600	S.F.	\$2.00	\$1,200.00
9.6	Overlay	600	S.F.	\$3.00	\$1,800.00
				Sub Total:	\$13,800.00
10	Materials Testing				
10.1	Compaction Testing/Reporting	1	L.S.	\$3,500.00	\$3,500.00
				Sub Total:	\$3,500.00
11	Miscellaneous				
11.1	Misc. Concrete Removal	1	L.S.	\$10,000.00	\$10,000.00
11.2	Misc. Concrete Replacement	1	L.S.	\$7,500.00	\$7,500.00
				Sub Total:	\$17,500.00
SUBTOTAL ENGINEERS CONSTRUCTION COST ESTIMATE					\$69,000.00
ESTIMATED ENGINEERING COSTS (10%)					\$6,900.00
CONTINGENCIES (20%) (CONSTRUCTION)					\$6,900.00
TOTAL PIPELINE CONSTRUCTION ESTIMATE AND CONTINGENCIES					\$82,800.00

Figure 3C - 11th Street Pipeline Replacement



**Beaumont-Cherry Valley Water District
Regular Board Meeting
October 24, 2019**

Item 9

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: **Update: Status of District Wells, Capital Improvements, and Engineering Projects**

Staff Recommendation

No recommendation.

Background

Beginning in late 2017, the Board approved a number of Capital Improvement, Engineering and Well repair and rehabilitation projects, either as part of the annual program to ensure quality of supply and serviceable equipment, or out of necessity due to equipment failure. The purpose of this staff report is to update the Board on all major Capital Improvement, Engineering and Well repair and rehabilitation projects that are ongoing or are upcoming in the near future.

Summary

The attached tables set forth the current status of said on-going projects.

Attachments

Table 1 – 2019 Board Approved Facility Replacement and Well Site Repair, Rehabilitation, and Replacement

Table 2 – On-going Capital Improvement Projects

Table 3 – Upcoming Capital Improvement Progress

Prepared by Erica Gonzales, Administrative Assistant

Table 1 2018-19 Board Approved Facility Replacement and Well Site Repair, Rehabilitation, and Replacement							
Potable Infrastructure Project Description	Total Anticipated Project Amount	Total Project Expenses	Y-T-D Costs (August 31, 2019)	Funding Source	Current Status	Project Notes	
Well 21 and Booster 21A	\$ 70,837	\$ 59,889	\$ 59,889	Capital Replacement Reserve	Complete	New motors installed and in service	
Well 22 Repair and Rehabilitation	\$ 217,660	\$ 205,736	\$ 20,689	Capital Replacement Reserve	Ongoing	Work complete pending landscaping, and paint	
Well 3 Repair and Rehabilitation	\$ 113,240	\$ 99,930	\$ 99,930	Capital Replacement Reserve	Ongoing	Completion pending well chemical treatment, instalation of new equipment, flushing and sampling (currently underway)	
Well 4A Repair and Rehabilitation	\$ 80,000	\$ -	\$ -	Capital Replacement Reserve	Underway	Pumping Unit removal expected next week (7-22-19)	
Well 10 Repair and Rehabilitation	See Well 4A	\$ -	\$ -	Capital Replacement Reserve	Underway	Pumping Unit has been Removed, well inspection and rehabilitation efforts starting soon.	
Well 18 Repair and Rehabilitation	See Well 4A	\$ -	\$ -	Capital Replacement Reserve	Underway	Pumping Unit has been Removed, well inspection and rehabilitation efforts starting soon.	

Beaumont-Cherry Valley Water District

Table 2
Ongoing Capital Improvement Plan (CIP) Projects

Project No.	Project Description	Approved CIP Cost	Total Project Costs (August 31, 2019)	% Expended	Budget 2019	Y-T-D Costs (August 31, 2019)	% Completion -	Funding Source
WR-REWTR-Plan	Recycled Water Masterplan Update 2016	\$ 25,000	\$ 88,997	356%	\$ -		60%	Facilities Fees
WR	Grand Avenue Storm Drain	\$ 2,145,810	\$ 40,676	2%	\$ 1,158,434	\$ 2,310	20%	Facilities Fees
W-2750-0005	Replace 2750 Zone Well 1	\$ 4,130,856	\$ 36,580	1%	\$ 3,660,650	\$ 5,750	1%	Facilities Fees
W-2750-0001	Replacement for Well 2	\$ 5,360,424	\$ 32,812	1%	\$ 2,356,775	\$ 3,140	1%	Capital Replacement Reserve
W-2750-0002	2750 Zone Well in Noble Creek Regional Park	\$ 5,978,918	\$ 16,732	0%	\$ 5,041,310		1%	Facilities Fees
W-2850-0001	New Beaumont Basin Well on Pardee Sundance Site	\$ 5,844,739	\$ 16,004	0%	\$ 2,482,399		1%	Facilities Fees
M-2750-0001	2850/2750 Pressure Reducing Station & Piping (Cherry Reservoir)	\$ 51,898	\$ 869	2%	\$ 51,898		1%	Capital Replacement Reserve
M-2850-0001	Well 25 East Block Wall and Entrance Gate	\$ 51,900	\$ 4,761	9%	\$ 51,900		15%	Facilities Fees
M-0000-0001	800hp Spare Motor	\$ 129,512	\$ 2,433	2%	\$ 129,512		2%	Capital Replacement Reserve
M-3040-0002	Noble Booster Pump and Motor(Spare Pump & Motor)	\$ 23,211	\$ 2,978	13%	\$ 23,211		13%	Capital Replacement Reserve
NPT-2800-001	Raw Water Filter System at 2800 PZ Tank	\$ 261,308	\$ 2,235	1%	\$ 261,308		1%	Facilities Fees
T-3040-0001	Pressure Zone Pipeline	\$ 1,238,531	\$ 20,885	2%	\$ 55,649	\$ 6,946	70%	Facilities Fees
T-3040-0001	2 MIG 3040 Zone Tank	\$ 3,664,982	\$ 184,714	5%	\$ 148,229	\$ 24,600	75%	Facilities Fees
P-2750-0069	Egan Ave-California Ave. Alley, 5th to 7th	\$ 183,896	\$ 61,217	33%	\$ 183,896	\$ 14,164	70%	Capital Replacement Reserve
P-3620-0012	Ave Altejo Bella, Ave Miravilla to end of cul-de sac	\$ 257,504	\$ 61,833	24%	\$ 257,504	\$ 14,782	70%	Capital Replacement Reserve
P-3620-0015	Appletree Ln, B line to Oak Glen Rd	\$ 659,530	\$ 60,368	9%	\$ 659,530	\$ 14,848	70%	Capital Replacement Reserve
M-0000-0002	Chlorination Retrofit At Misc. Wells (6 Well Sites)	\$ 68,189	\$ 31,615	46%	\$ 36,574		75%	Capital Replacement Reserve
IT-NETW-0004	Email Spam Protection/Archive Solution	\$ 6,917	\$ 922	13%	\$ 6,917		80%(1)	Capital Replacement Reserve

Beaumont-Cherry Valley Water District

Table 2
Ongoing Capital Improvement Plan (CIP) Projects

Project No.	Project Description	Approved CIP Cost	Total Project Costs (August 31, 2019)	% Expended	Budget 2019	Y-T-D Costs (August 31, 2019)	% Completion -	Funding Source
IT-SCAD-0002	Wonderware SCADA Phase 2 Project	\$ 391,596	\$ 263	0%	\$ 391,596		50%	Capital Replacement Reserve
IT-NETW-0002	Redundant SAN Project	\$ 51,417	\$ 49,807	97%	\$ 23,467	\$ 49,807	100%	Capital Replacement Reserve
IT-NETW-0012	Server Replacement Project	\$ 51,771	\$ 50,737	98%	\$ 51,771	\$ 50,737	100%	Capital Replacement Reserve
WR-SITES-Reser.	Investment in Sites Reservoir Project	\$ 4,000,000	\$ 428,299	11%	\$ 73,800	\$ 262,099	20%(2)	Facilities Fees
VE-EQIP-0004	Confined Space Retrieval System Workstation	\$ 15,000	\$ 12,402	83%	\$ 15,000	\$ 12,402	100%	Capital Replacement Reserve
IT-NETW-0006	Replacement project (50 units @ \$1,000 per unit - 33% per year)	\$ 101,392	\$ 40,124	40%	\$ 20,597	\$ 11,604	80% (3)	Capital Replacement Reserve
IT-ADMIN-0003	Front Office Space Reconfiguration and Furniture Replacement	\$ 38,500	\$ 1,387	4%	\$ 38,500	\$ 1,387	15%	Capital Replacement Reserve
	Well Eyewash Station Additions	\$ 51,630	\$ 4,490	9%	\$ -	\$ 4,490	15%	Capital Replacement Reserve
	Engineering Office Tenant Improvements/Furniture	\$ -	\$ 13,008	100%	\$ -	\$ 13,008	100% (4)	Capital Replacement Reserve
IT-SCAD-0004	AMR / AMI Deployment Project	\$ 4,044,735	\$ 420,242	10%	\$ 1,890,335	\$ 134,855	50%	Capital Replacement Reserve
VE-TRUK-0008	Ford F150 Super Duty 2x4 - Unit 40	\$ 35,179	\$ 27,035	77%	\$ 35,179	\$ 27,035	100%	Capital Replacement Reserve
VE-TRUK-0009	Ford F250 Super Duty 4x4 - Unit 41	\$ 35,046	\$ 31,763	91%	\$ 35,046	\$ 31,763	100%	Capital Replacement Reserve
VE-TRUK-0011	Ford F250 Super Duty 4x4 - Unit 42	\$ 47,440	\$ 31,737	67%	\$ 47,440	\$ 31,737	100%	Capital Replacement Reserve

NOTES:

- (1) Operating budget used to fund since less than \$5,000 threshold
- (2) BCVWD is a participant in this project , currently in Phase II, for 4,000 AF
- (3) Project completion % for 2019 portion
- (4) Budget from IT-ADMIN-0003 used to fund

Beaumont-Cherry Valley Water District

**Table 3
2019 Upcoming Capital Improvement Plan (CIP) Projects**

Project No.	Project Description	Approved Capital Improvement Budget Cost	Funding Source	Priority (1 -5)
M-0000-0002	Chlorination Retrofit at Misc. Wells	\$ 68,189	Capital Replacement Reserve	2
TM-3040-0001	Highland Springs Reservoir Recoat & Retrofit	\$ 375,201	Capital Replacement Reserve	2
TM-3330-0001	Lower Edgar Reservoir Recoat & Retrofit	\$ 375,201	Capital Replacement Reserve	2
BP-2850-0001	2850 Zone to 3040 Zone Booster Pump Station	\$ 3,921,014	Facilities Fees	2 - 3
W-2850-0003	New Beaumont Basin Well Noble Creek Meadows	\$ 6,688,707	Facilities Fees	5
PR-3330-0001	3330 to 3150 Lower Mesa, Noble Regulator	\$ 37,286	Capital Replacement Reserve	4
PR-3620-0001	3620 to 3330 Fisher Pressure Regulator	\$ 37,286	Capital Replacement Reserve	3
-	Arc Flash Study and Improvement Project	\$ 58,708	Capital Replacement Reserve	1
-	Well Eyewash Station Additions	\$ 51,630	Capital Replacement Reserve	1
-	Well 29 Primary Conductor Replacement	\$ 17,360	Capital Replacement Reserve	1
-	Well 21 Generator Conduit and Wiring	\$ 33,090	Capital Replacement Reserve	1
-	Climate Control for High Horsepower Electrical Buildings	\$ 50,000	Capital Replacement Reserve	2
NBP-2600-0001	2600 Zone to 2800 Zone Booster Pump Station	\$ 4,729,888	Facilities Fees	1
NPR-2600-0001	2600 Zone Non-potable Regulation and Metering Station	\$ 362,475	Facilities Fees	3 - 4

Beaumont-Cherry Valley Water District

Table 3
2019 Upcoming Capital Improvement Plan (CIP) Projects

Project No.	Project Description	Approved Capital Improvement Budget Cost	Funding Source	Priority (1 -5)
NBP-2600-0003	2600 Zone Non-potable Booster at CoB Treatment Plant	\$ 2,789,545	Facilities Fees	3 - 4
NPR-2800-0001	2800 to 2600 Non-potable Water Pressure Regulator	\$ 211,431	Facilities Fees	2
NPT-2800-001	Raw Water Filter System at 2800 PZ Tank	\$ 261,308	Facilities Fees	2 - 3
NT-2800-0001	2MG Non-potable 2800 Zone Tank	\$ 200,018	Facilities Fees	3 - 4
NWR-2600-0002	San Timoteo Creek Non-potable Extraction Wells	\$ 4,980,678	Facilities Fees	2 - 3
P-3040-0021	Lincoln St., Noble St to West end	\$ 326,050	Capital Replacement Reserve	4
P-3040-0022	Friendship Dr., Vineland St. to End	\$ 120,347	Capital Replacement Reserve	4
P-3040-0025	Star Ln, Sky Ln, and View Dr	\$ 374,235	Capital Replacement Reserve	2
P-3040-0026	Utica Way, Vineland St to View Dr.	\$ 173,350	Capital Replacement Reserve	1
P-3620-0009	Ave. Miravilla, End of 12-in to Whispering Pines	\$ 339,092	Capital Replacement Reserve	1
P-2750-0067	Elm Ave.-Wellwood Ave. Alley, 7th St. to 5th St.	\$ 152,976	Capital Replacement Reserve	1
IT-NETW-0003	Endpoint Protection / LanGuard Security Software Project	\$ 11,010	Capital Replacement Reserve	2
IT-NETW-0008	Shoretel Phone System Redundancy Equipment	\$ 13,769	Capital Replacement Reserve	2
IT-NETW-0011	Server Room Uninterrupted Power Source	\$ 50,886	Capital Replacement Reserve	2
IT-SCAD-0003	Wonderware SCADA Phase 3 Project	\$ 224,685	Capital Replacement Reserve	3 - 4

Beaumont-Cherry Valley Water District

Table 3
2019 Upcoming Capital Improvement Plan (CIP) Projects

Project No.	Project Description	Approved Capital Improvement Budget Cost	Funding Source	Priority (1 -5)
IT-ADMIN-0001	Laser-Fishe Digitized Fileroom Project	\$ 132,910	Capital Replacement Reserve	5
IT-ADMIN-0002	Board Room Audio/Video System	\$ 150,000	Capital Replacement Reserve	4
IT-ADMIN-0003	Front Office Space Reconfiguration and Furniture Replacement	\$ 38,500	Capital Replacement Reserve	2 - 3
VE-TRUK-0008	2006 4X4 F250 (Apr, 2006)	\$ 35,179	Capital Replacement Reserve	1
VE-TRUK-0009	2008 4X4 F250 (May, 2007)	\$ 35,046	Capital Replacement Reserve	1
VE-TRUK-0011	2008 F250 (Feb, 2008)	\$ 47,440	Capital Replacement Reserve	1
VE-EQIP-0004	Confined Space Retrieval System	\$ 15,000	Capital Replacement Reserve	1



**Beaumont-Cherry Valley Water District
Regular Board Meeting
October 24, 2019**

Item 10

Update: Legislative Action and Issues Affecting BCVWD

Federal				New or Change in Status (New/Y/N)
Issue	Status	Description		
HR 1435 – Sites Reservoir Protection Act	2/28/19 – Introduced 3/15/19 Ref to Com on Water, Oceans	ACWA Supports. Referred to Committee on Natural Resources. Supports building of the Reservoir and other water infrastructure in the Central Valley. Could also authorize additional funding and technological assistance for the project. Matching funds provided through Prop. 1. 10/14 – No new action.	N	
HR 2473 – SAVE Water Resources Act	5/2/19 - Introduced in House 6/13/19 – Heard in Natural Resources Subcommittee	ACWA supports with amendments. Requires the Bureau of Reclamation to fast-track California water storage projects such as the Sites Reservoir. Will create cutting-edge programs to grow and sustain the region's water supply by improving storage capacity, supporting key new technological innovations for drought resistance and groundwater management and establishing responsible levels of federal funding to invest in water future. Amendments under consideration. 10/14/19 – No new action.	N	
H. Res 19 – Exp. Concern Re Hex. Chrom. In Water	1/3/19 - Introduced in House.	Resolution recognizes the importance of protecting the American people from drinking water polluted with carcinogens, such as hexavalent chromium. 10/14/19 – No change in status	N	
H.R. 1621 – Water Supply Permitting Coordination Act	Introduced 3/7/19 – Referred to House Com on Natural Resources	To authorize the Secretary of the Interior to coordinate Federal and State permitting processes related to the construction of new surface water storage projects on lands under the jurisdiction of the Secretary of the Interior and the Secretary of Agriculture and to designate the Bureau of Reclamation as the lead agency for permit processing, and for other purposes. Helps with NEPA and Endangered Species Act. FEO becomes lead review agency. 10/14/19 – No change in status.	N	
S.1932 – Drought Resiliency and Water Supply Infrastructure Act	Introduced 6/20/19 (Feinstein) 7/18/19 – Hearing in Senate Energy and Natural Resources Committee 10/14/19 – No change in status	Federal Drought Legislation. ACWA-supported bill would build on Sen. Feinstein's 2016 drought legislation that was included in the Water Infrastructure Improvements for the Nation (WIIN) Act. The bipartisan Act would improve the nation's water supply and drought resiliency to protect against climate change impacts. Key provisions include: • Extending funding under the WIIN Act for an additional five years, including \$670 million for surface and groundwater storage projects, and supporting conveyance, \$100 million for water recycling projects, \$60 million for desalination projects • Creating a new loan program for water agencies at 30-year Treasury rates to spur investment in new water supply projects • Authorizing \$140 million for habitat restoration and environmental compliance projects, including forest, meadow and watershed restoration and projects that benefit threatened and endangered species.	N	

California			
Issue	Status	Description	New or Change in Status (New/Y/N)
ACA 3: Clean Water for All Act	3/20/19 – Amended in Assembly 4/30/19 – Failed Committee, granted reconsideration	Constitutional Amendment to require a minimum of 2% of specified state revenues to be earmarked for payment of principal and interest on bonds authorized by the Water Quality, Supply and Infrastructure Improvement Act of 2014. 4/15/19 – Now called the “Clean Water for All Act” 10/14/19 – No change in status	N
AB 636: State Water Resources Control Board – water quality initiatives	2/15/19 – Introduced 3/14/19 – Referred to Com on Env Safety and Toxic Materials	Requires the Legislature to hold a hearing to review proposals of the State Board which result in significant environmental harm before said proposals can go into effect. Targeted at the Bay-Delta plan; could affect the Sites Reservoir. 4/9/19 – First hearing was set, but then canceled by author. 6/19/19 – Failed deadline, now a 2-year bill 10/14/19 – No change in status.	N
AB 638: Dept of Water Resources: Water storage: climate change impacts	8/30/19 – Passed Appr as amended. 9/4/19 – Passed Sen., Enrolled, to Gov for signature 9/12/19 - VETOED	Requires the state to take into account the impacts climate change will have on water reliability, including accounting for the projected shrinkage of the Sierra Nevada snowpack which acts as California’s largest natural reservoir. The state would be required to identify projects and strategies to mitigate adverse impacts losses and incorporate those strategies into planning efforts going forward. 5/16/19 – Title of bill amended. Now requires inventory of storage facilities and pushes deadline to 2023.	Y
AB 992: Open Meetings – Social Media	2/21/19 – Introduced 5/1/19 – Failed to pass Com on LG, but granted reconsideration	The Ralph M. Brown Act generally requires that the meetings of legislative bodies of local agencies be conducted openly. That act defines “meeting” for purposes of the act and expressly excludes certain activities from the application of the act. This bill would provide that the Act does not apply to the posting, commenting, liking, interaction with, or participation in, internet-based social media platforms that are ephemeral, live, or static, by a majority of the members of a legislative body, provided that a majority of the members do not discuss among themselves business of a specific nature that is within the subject matter jurisdiction of the legislative body of the local agency. CSDA supports. 10/14/19 – No change	N
AB 1180: Recycled Water	9/13/19 – Enrolled, to Gov for signature 10/2/19 – Signed by Gov, Chaptered, NOW LAW	CSDA supports. Existing law requires, on or before January 1, 2020, the state board to adopt standards for backflow protection and cross-connection control through the adoption of a policy handbook, as specified. This bill would require that handbook to include provisions for the use of a swivel or changeover device to supply potable water to a dual-plumbed system during an interruption in recycled water service. 8/30/19 – Moves to third reading.	Y
AB 1184:	10/14/19 – VETOED by Governor	At its October 9, 2019 meeting, upon a request for action from the CSDA, the BCVWD Board of Directors voted to write a letter to Governor Newsom requesting his veto of this legislation. BCVWD sent said letter and the effort was successful.	New

<p>AB 1204: Maximum Contaminant Level Compliance Period</p>	<p>2/21/19: Read first time. 4/9/19: Second committee hearing canceled</p>	<p>Sponsored by ACWA and the Calif Water Assn. Would require the adoption or amendment of a primary drinking water standard for a contaminant in drinking water not regulated by a federal primary drinking water standard or that is more stringent than a federal primary drinking water standard to take effect 3 years after the date on which the state board adopts or amends the primary drinking water standard. 10/14/19 – No change in status</p>	<p>N</p>
<p>AB 1483: Housing Data: Collection and Reporting</p>	<p>9/6/19 – Amended in Senate to include special districts 9/10/19: Passed by Com on Government and Finance, return to Senate floor in January 2020. 9/12/19 – Amd in Senate, passed 10/9/19 – Signed by Gov – CHAPTERED, NOW LAW</p>	<p>Amended on 9/6 to include special districts. Development Impact Fees. CSDA Watch. Would require a-city, county, or special district to maintain on its website, as applicable, a current schedule of fees, exactions, and affordability requirements imposed by the special district, including any dependent special-district, applicable to a proposed housing development- project, all zoning ordinances and development-standards, and annual fee reports or annual financial reports, as specified. The bill would require a special district to provide on its website an archive of impact fee nexus studies, cost of service studies, or equivalent, as specified. By requiring a city or county to include this information on its internet website, the bill would impose a state-mandated local program. CSDA analysis: will mandate the posting of numerous fee-related documents and reports for all local agencies. CSDA and its coalition partners worked diligently to pare down the broad mandates and make them workable under real-world conditions. There are a few issues that remain unresolved, but the author's office has agreed to address outstanding concerns in January when the State Legislature reconvenes. For Special Districts, the new AB 1483 mandatory website postings will include:</p> <ul style="list-style-type: none"> • Nexus studies, • Annual Fee reports, • Cost of service studies or their equivalents 	<p>Y</p>
<p>AB 1484: Mitigation Fee Act: Housing Developments</p>	<p>9/6/19: Amended in Senate to include Special Districts 9/10/19 – Delay hearing until 2020, per author</p>	<p>Development Impact Fees. CSDA watch: Would place into law an expansive list of requirements that would run parallel to and in conjunction with both the Fee Mitigation Act and the Quimby Act as well as the Mello-Roos Community Facilities Districts Act. CSDA holds major concerns with this measure including:</p> <ul style="list-style-type: none"> • Projects would need an individualized determination of their alignment with the nexus study; • Adds a new standard of "roughly proportional" in addition to the more common "reasonable" standard, which may not be appropriate for these types of fees and charges; • Levels of service may not exceed that of the "existing community"; • New facilities to be funded via impact fees would have to be specifically identified within the district's capital improvement plan (CIP); • "Capital Cost Level of Service" would be prohibited; • Mandates even more public website postings, hearings, and comment periods prior to adopting a nexus study; • If challenged in court, the burden would be on a district to demonstrate compliance with this bill. <p>The author has agreed to postpone hearing AB 1484 until 2020 as the issues it tackles and their consequences are too complicated to resolve in one week. There may be informational hearings during the interim between legislative session late in 2019.</p>	<p>NEW</p>

<p>AB 1486: Disposal of Surplus Land</p> <p>SIGNED BY GOV on 10/9/19 – Chaptered, NOW LAW</p>	<p>2/22/19 – Introduced 4/1/19 – Amended in Assembly 5/17/19 – Passed Apr, read second time and amended 5/29/19 – Amended and passed Assembly 5/30 – Read 1st time in Senate 6/12 – Ref to Com on Gov & Finance 7/27 – Amd in Senate 8/12/19 – Appropriations Com – placed on suspense 8/30/19 – Passed Apr as amended. Moved to second reading. 9/12/19 – ENROLLED. To Gov for signature. 9/26/19 – Board authorized sending letter to Gov requesting VETO.</p>	<p>Strongly opposed by CSDA. Amends Calif Govt Code to require special districts and other public agencies to offer a right of first refusal to affordable housing developers, schools, and park agencies before leasing, selling, or otherwise "conveying" any of the agency's land. The new mandate in <u>Assembly Bill 1486</u> would prevent prudent efforts to lease or otherwise protect land for important community purposes, such as buffer land surrounding a water or wastewater treatment facility, energy generation plant, or airport, as well as the long-term lease of district property that will be needed for future infrastructure.</p> <p>4/11/19 – Amended to require local agency to provide an annual list of properties to the Calif Department of Housing and Community Development: 4/16/19 – (update from CSDA) Amended in Assembly Local Government Committee in a positive step for special districts. Amendments remove the bill's new definition of "disposal" under the Surplus Land Act (SLA). In effect, leases and transfers of land will continue to not be subject to the SLA. "AB 1486 generated intense opposition from a coalition of public agencies, including CSDA. Over 40 CSDA members submitted letters of opposition to the bill and called members of the Committee. Thanks largely to this grassroots effort, the author was compelled to accept the Committee's amendment in order to keep AB 1486 moving through the Legislature."</p> <p>5/16/19 – Amended to specify "the bill would, with regard to disposing of surplus land for the purpose of developing low- and moderate-income housing, only require the local agency disposing of the surplus land to send a specified notice of availability if the land is located in an urbanized area."</p> <p>5/29/19 – Amended in Assembly to expand the Surplus Land Act to cover ALL land owned by public agencies. AB 1486 passed off the Assembly Floor on a mostly party line vote and now advances to the Senate for consideration in policy committees.</p> <p>6/27/19 – The BCVWD Board voted to oppose AB 1486. Appropriate legislators and the CSDA were notified via formal letter.</p> <p>8/30/19 – Amended to remove the applicability of the Act to leases and other conveyances of surplus land. CSDA removed its opposition.</p> <p>9/17/19 CSDA update: As originally introduced, the bill applied to both the sale and lease of special district surplus land. It was amended in the Assembly to limit the bill to the sale of land, but the bill sponsors will likely continue to press in future years for restrictions on leasing special district land.</p> <p>CSDA strongly opposed the AB 1486 throughout the year, joined by a groundswell of grassroots opposition to the bill from dozens of special districts that expressed their concerns by submitting letters to various committees and legislators. After months of working with the author's office, compromise amendments were taken September 6 to remove opposition from CSDA and the coalition. The amendments substantially expanded the definition of "agency's use" for special districts (not applicable to transit agencies) to permit a wide range of uses of surplus land, including commercial, retail or entertainment uses if the district board declares that the "agency's</p>	<p>Y</p>
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		<p>use" of the surplus land either directly furthers the express purpose of agency work or operations or is expressly authorized by a statute governing the district.</p> <p>The negotiated amendments to AB 1486 also permit additional activities by a district in the "pre-negotiation" stage of disposing surplus land. Finally, a proposed 50 percent penalty of the final sale value of the land for violating the Surplus Land Act was reduced to 30% for a first-time offense and 50% for any subsequent offense, and the penalty provision will not go into effect until January 1, 2021.</p> <p>CSDA thanks all the districts that sent in letters on this AB 1486, without your efforts we may not have been successful in securing amendments to address special districts' largest concerns.</p>	
<p>SB 13: Accessory Dwelling Units SIGNED BY GOV on 10/9/19 – Chaptered, NOW LAW</p>	<p>8/12 – Amended 2nd time, sent to Appr 8/30/19 – Passed Appropriations 9/13/19 – Assembly amended. ENROLLED and to Gov for signature.</p>	<p>Opposed by CSDA. Would prohibit impact fees on accessory dwelling units (ADUs) smaller than 750 square feet and significantly limit the impact fees that can be charged for larger ADUs. Given that revenue for local governments is tightly restricted by the California Constitution, fees are one of the few ways special districts can offset the indirect costs of growth. Impact fees are critical for park, fire protection, and other types of districts trying to recoup their costs for providing infrastructure and services to new ADU developments. 5/16/19 – Amended pertaining to max. / min. square footage of accessory dwelling unit. Prohibits impact fees on ADUs smaller than 750 sf. For ADUs larger than 750, fees must be proportional to the main dwelling.</p>	<p>Y</p>
<p>SB 200: Safe and Affordable Drinking Water Fund</p>	<p>7/24/19 – Signed by Governor CHAPTERED</p>	<p>Would establish the Safe and Affordable Drinking Water Fund in the State Treasury to help water systems provide an adequate and affordable supply of safe drinking water in both the near and the long term. Would authorize deposit into the fund of federal contributions, voluntary contributions, gifts, grants, and bequests and would provide that moneys in the fund are available, upon appropriation by the Legislature, to the board to fund grants, loans, contracts, or services to assist eligible recipients.</p>	<p>Y</p>
<p>AB 658 Water Rights – Water Management</p>	<p>7/11/19 – Amd in Senate 8/30 – Passed Appr, ordered to 3rd reading on 9/3 9/13/19 – Guffed and Amended. Enrolled, headed to Gov for signature 10/9/19 – Signed by Gov and CHAPTERED, NOW LAW</p>	<p>Would create a five-year permit that would allow groundwater recharge projects to divert water during high-flow events. The intent of the bill is to increase groundwater recharge when specific conditions exist. ACWA Analysis 9/13/19: After extensive negotiations late in the session with the State Water Board and Assembly member Arambula, a compromise could not be reached in time and the bill was gut and amended. AB 658 currently reflects all amendments drafted by ACWA's Groundwater Recharge Workgroup. While the bill would not solve every basin's issues, AB 658 does move the conversation regarding groundwater recharge forward. This bill would authorize a groundwater sustainability agency or local agency to apply for a conditional temporary permit for diversion of surface water to underground storage for beneficial use.</p>	<p>Y</p>

		<p>Projects could proceed either through a proposed five-year permit process or through the existing permanent water right process.</p> <p>After the bill was first introduced, ACWA adopted a support-if-amended position and worked with the author and stakeholders to secure amendments drafted by the Groundwater Recharge Workgroup. The bill was amended to represent the broad agreement between a number of ACWA members, the legislature, and the State Water Board. However, the bill included an additional provision drafted by Senate Natural Resources Committee staff that would require the State Water Board to ensure that proposed projects with five-year permits are consistent with their basin's groundwater sustainability plan. This requirement is viewed by some as an expansion of the State Water Board's authority. As a result, ACWA maintained a support-if-amended position seeking to strike this requirement. ACWA submitted amendments to address those concerns; however, the author did not accept them.</p>	
<p>SB 1: Environmental, Public Health, and Workers Defense Act</p>	<p>7/9/19 – Re-referred to Asm Com on Appr 8/30/19, Passed; moves to Assembly 9/10 – Amended in Assembly 9/13/19 – Passed. To Governor for sig 10/1/19 – VETOED by Gov. Newsom</p>	<p>ACWA opposes unless amended. Seeking to prevent a backsliding of the federal regulatory structure as it existed prior to the current federal administration taking office, this bill establishes a minimum baseline for environmental, public health, and labor standards. The baseline is set as the federal standard that existed prior to the current federal administration assuming office.</p> <p>ACWA Analysis: In the days leading up to Friday's vote, Democratic Senators and Assembly Members requested Atkins to make SB 1 a two-year bill so all parties could continue working on problematic provisions. When the bill came up on the Assembly floor late Friday night, members of both parties spoke at length about the consequences this bill presented for water management in the Sacramento-San Joaquin Bay Delta and its tributaries. Despite concerns, the bill narrowly passed the Assembly with a final vote 43-21. ACWA will now turn its efforts to the Governor's office and request he veto the bill.</p> <p>9/16/19 – According to an article in the L.A. Times, Gov. Newsom intends to veto: "I fully support the principles behind Senate Bill 1: to defeat efforts by the President and Congress to undermine vital federal protections that protect clean air, clean water and endangered species," Newsom said in a statement released Saturday. "Senate Bill 1 does not, however, provide the state with any new authority to push back against the Trump Administration's environmental policies and it limits the state's ability to rely upon the best available science to protect our environment," the statement said.</p>	<p>Y</p>