

Zone A Pump Station and Transmission Main Project **RFP Addendum #2**

Project Description:

RFP to for work which includes the following general scope items:

- Facility 20 Zone A Pump Station. Located at the Paradise Water Treatment Plant. Pulls water from the Treated Water Storage Tank (TWIST) and pumps through the new Zone A Transmission Main to the existing A-Zone distribution system near Reservoir A.
- 2. Facility 25 Pump Station 2 Installation of piping and valves which allow for the backfeed of B-Zone from A-Zone if necessary.
- 3. Facility 30 Zone A Transmission Main. Approximately 7350-ft of 16" PVC C900 or Ductile Iron water transmission main installed in Pine Needle Drive, Skyway and New Skyway with the majority of the pipeline in New Skyway. The work in New Skyway will involve traffic control, and diversion of traffic using Skyway.

For: Paradise Irrigation District

6332 Clark Rd

Paradise CA 95969

Proposals Due: 1:00 pm, Thursday February 23, 2023

Mandatory Pre-Bid Meeting: 10:00 am, Tuesday January 31, 2023

APPROVED:

SAMI KADER, PE Project Manager

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530-355-7646

DATE ISSUED: 02 Feb 2023

PARADISE IRRIGATION DISTRICT ZONE A PUMP STATION AND TRANSMISSION MAIN PROJECT ADDENDUM 2



The following changes, additions and/or deletions are hereby made a part of the Documents for the Construction of the PARADISE IRRIGATION DISTRICT ZONE A PUMP STATION AND TRANSMISSION MAIN PROJECT – JOB NUMBER 17-041 as fully and completely as if the same were fully set forth therein:

- 1. A scanned copy of the attendee's list for the Pre-Bid construction meeting is attached.
- 2. The answers to the questions asked during the pre-bid meeting are listed below:
 - a. Can the parts list for the Owner Purchased Equipment be provided?
 - See the attached parts list. Additionally, the plans and specs were sent to the supplier to so they could do a take off of the items required for the ZATM work between STA 10+00 and STA 83+25 as noted on 30-P-01 and 30-P-17 in Volume 2 Drawings. This list is not intended to be used as an all-inclusive list of Owner Purchased Equipment. The Drawing notes and Specification Sections describe the extent of the Owner Purchased Equipment and should be the basis for bids.
 - Per Specification Section 15200 VS, Valves V601 to V662 will be Owner Purchased.
 - b. Have the parts been ordered yet?
 - 1. As of January 31, 2023, no, the parts have not been ordered. The owner is in the procurement process and expects to place the order in February.
 - c. What is the timing constraint for the TWST tie in?
 - 1. See the revised Special Constraints table attached.
 - d. Can the temporary shoring for the ZAPS construction be left in place?
 - 1. All temporary shoring shall be removed.
 - e. What is the purpose of the 2 PRVs in PS #2?
 - 1. The existing PRV maintains Zone A pressure when Tank A is out of service.
 - 2. The new PRV will maintain A Zone pressure while allowing high flows from Zone A to relive to Zone B; it is set at a slightly higher relief pressure than the existing PRV.
 - 3. See attached 25-M-02. This sheet is included for information only.



- f. Is the contractor allowed to drill or blast?
 - 1. There is no prohibition against drilling or blasting.
- g. What pipe material is the Owner purchasing for ZATM?
 - 1. The owner is purchasing PVC C900.
- h. What about the restraint details for the pipeline?
 - 1. The restrained sections are called out in Volume 2 Drawings. The restrained fittings are included in the Owner's purchase order.
- 3. The answers to the questions submitted to the engineer by February 01, 2023 are listed below:
 - a. Please provide the link to Paradise Irrigation District's Procurement Policy.
 - https://pidwater.com/docs/district-operations/policy-procedures-manual/405chapter-12-procurement-policy-2017/file
 - b. Drawing page #SD-15, Detail 15008B Note 2 calls out specification section 0900 for clarification on shapes and coating of steel used for fixed pipe support racks. Please supply this specification section.
 - 1. This drawing detail should reference Section 09900 Painting.
- 4. Make the following changes to Volume 1 Bid Requirements and Specifications:
 - a. Specification Section 00500, AGREEMENT FORM, **REMOVE** the following verbiage:
 - 1. Article 4 -Contract Times Section 4.02 Liquidated Damages:
 - A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed and Milestones not achieved within the Contract Times, as duly modified.
 - b. Specification Section 00500, AGREEMENT FORM, ADD the following verbiage:
 - 1. Article 7 CONTRACT DOCUMENTS Section 7.01 Contents. A The contract documents consist of all of the following:

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- c. Specification Section 00080, ADVERTISEMENT FOR BIDS, **CHANGE** the question submission and answer dates to the following:
 - Last day to submit questions is February 14tH, 2023. All questions will be answered by end of day on February 16TH, 2023.
- d. <u>Night work is no longer required for this project.</u> Specification Section 01130, SPECIAL PROJECT CONSTRAINTS, **REPLACE WITH** the following:

Paragraph 1.1.A.1. Work Hours:

- 1. All work in New Skyway must be completed between the hours of **7:00 AM** and **5:00 PM**, Monday through Friday.
- e. **REPLACE** Section 01130 Special Project Constraints Table 01130A with the attached revised table.
- 5. Make the following changes to Volume 2 Drawings (11 inch by 17 inch):
 - a. ADD NOTE 6 to G-04 ADDITIONAL NOTES FOR WORK ON NEW SKYWAY as shown below:
 - Note 6. CONTRACTOR to place slurry fill/CLSM up to within 2" of the road surface and then place 2" of temporary asphalt surface (cutback or cold mix) to be flush with existing road surface.
 - b. See the revisions to G-04 on the attached drawing sheet.

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Zone A Pump Station and Transmission Main Project Pre-Bid Meeting PID WTP 01/31/2023

ZATM Owner Purchased Parts List

Part Description	Quantity
16" C905 Blue(PVC) Potable Water	7000 ft
12" C900 Blue(PVC) Potable Water	200ft
6" C900 Blue(PVC) Potable Water	100 ft
3" Ductile Iron (potable Water)	400 ft
8" corrugated plastic can stock	200ft
2" type "k" soft copper tubing	200ft
3" DIP 45 deg elbow	14
16" cx 8" ductile iron tee w/ bliind flange	7
3" port blind flange	7
3" ductile iron lbow	7
air and vacuum valve, w/ surge control	7
3" FLG (GAV-10)	7
3" FLG (CARV-02)	6
3" THR (BAV-03)	9
6" MJ (GAV-10)	10
6" FLG (HYD-30)	3
12" MJ (GAV-10)	1
16" MJ (GAV-10)	10
16" MJ x FLG (GAV-10)	2
16" 90 deg Angle	1
16" 45 deg Angle	7
16" 22.5 deg Angle	4
16" 11.25 deg Angle	4
16 x 16 x12 Tee	2
16 x 16 x6 Tee	3
16 x 16 x 8 Tee	6
Valve box/lid combos "water"	40
Valve box/lid combos "fire"	3
12" Blind flange	2
16" Blind Flange	2
Positive break off check valve (model LBI 400A)	3
Hydrant bury	3
16" double s.s. strap ductile iron service saddlew/ I.P. Outlet	9
2" bronze corp stop, MIP thread x comp or flare	9
2" brass \mip plug	9
2" brass full port ball valve (w/ SS Ball) Watts or equal	9
2" Adapter, MIP x flare or compression	9

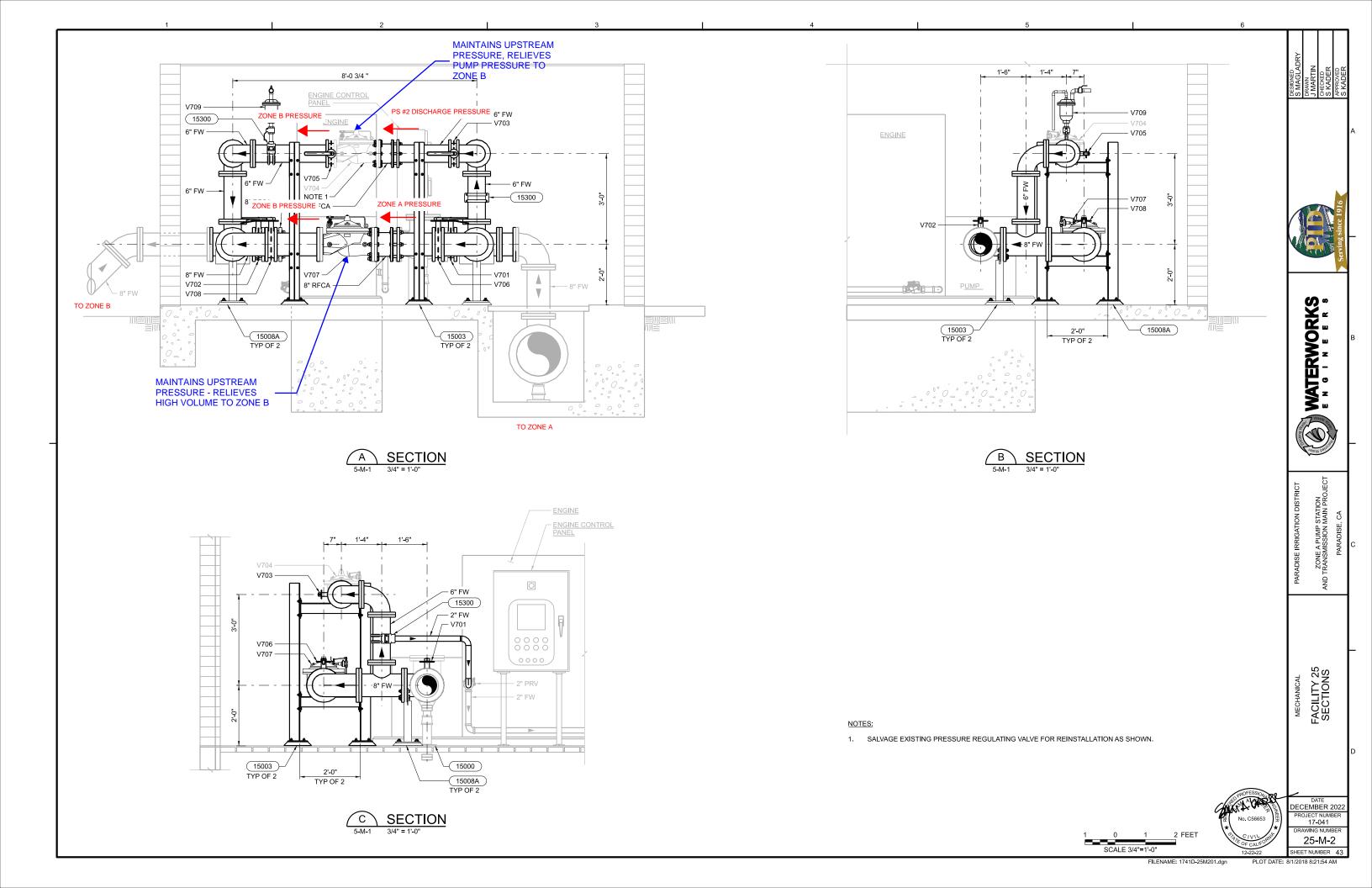


	Table 01130-A										
	Facility ^{1.}	Co	onstraints ^{2.}		Zone A Supply and Distribution System Operational Sequence During Facility Construction						
No.	Name			Demand Season ^{3.}	Storage	Transmission Route	Zone A Pressure				
20	ZAPS	None	2023-2024	Any	TWST	42" Main	PS #2				
20	TWST tie ins (20-M-2), Level Switch Installation (20-E-4)	None ^{4.}	1 Month	Low	Reservoir B	42" Main	PS #2				
20	Switchgear A/B	None	8 Hours	Any	TWST	42" Main	PS #2				
20	MCC E Tie in	None	8 Hours	Any	TWST	42" Main	PS #2				
30	ZATM	None	March-July 2023	Any	TWST	42" Main	PS #2				
30	ZATM Tie in to Zone A	None	4 Hours	Low	TWST	42" Main	PS #2				
25	PS #2	Facility 20 and 30	2023-2024	Any	TWST	ZATM	ZAPS				

Footnotes

- 1. Facility acronyms:
 - o ZAPS Zone A Pump Station
 - o ZATM Zone A Transmission Main
 - o TWST -Treated Water Storage Tank
 - o Res B Reservoir B
 - o PS #2 Pump Station #2
- 2. The WTP must continually be able to produce and supply treated water to its constituents during all portions of the construction project. Bypass and shut down operations of TWST must be coordinated during lowest demand periods to ensure CT is met in transmission main while demand storage is provided by Reservoir B.
- 3. Seasonal Demand Definitions:
 - Low Season October 1 to April 30
 - o High Season May 1 to September 30
- 4. At least one tank at Reservoir B must be online. One tank is anticipated to be online prior to October 1st, 2023.

- ALL WORK SHALL COMPLY WITH APPLICABLE STATE, FEDERAL, AND LOCAL CODES, AND ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT ITS EXPENSE, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS
- 2. DEVIATION FROM THESE PLANS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE.
- 3. IN THE EVENT THAT ANY CONFLICT BETWEEN ANY PROVISIONS OF THE CONSTRUCTION AGREEMENT OR OF THE SPECIFICATIONS OR OF THE DRAWINGS SHALL DEVELOP, THE ENGINEER SHALL DETERMINE WHICH PROVISION SHALL PREVAIL AND HIS DECISION SHALL BE FINAL AND BINDING UPON THE PARTIES AND SHALL NOT BE SUBJECT TO ARBITRATION OR REVIEW.
- 4. CONTRACTOR SHALL COORDINATE ALL WORK WITH PARADISE IRRIGATION DISTRICT (DISTRICT) AND BUTTE COUTY WHEN WORKIN WITHIN PUBLIC RIGHT-OF-WAY
- ALL PIPE LENGTHS AND DISTANCES BETWEEN STRUCTURES ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE ALONG A HORIZONTAL PLANE.
- 6. ELEVATIONS FOR THE PROPOSED PIPELINE ARE TO THE INVERT OF THE PIPE.
- 7. MINOR CHANGES IN THE HORIZONTAL AND VERTICAL ALIGNMENT OF THE PIPELINES MAY BE PROPOSED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL TO FACILITATE CONSTRUCTION AND AVOID FIELD CONFLICTS.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS OR MARKERS DURING CONSTRUCTION.
- 9 LOCATIONS OF EXISTING SHOWN LITH ITIES ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE SIZE, DEPTH, ORIENTATION, MATERIAL AND LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION AND SUBMIT THIS INFORMATION TO THE ENGINEER. THE CONTRACTOR SHALL TAKE WHATEVER STEPS ARE NECESSARY TO PROVIDE FOR THE PROTECTION OF EXISTING UTILITIES. THE ENGINEER HAS ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THE PLANS; HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE ENGINEER OR DISTRICT ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UTILITIES SHOWN OR NOT SHOWN. PRIOR TO DIGGING ON AND OFF SITE, CONTRACTOR SHALL HAVE ALL UTILITIES LOCATED BY CALLING "UNDERGROUND SERVICE ALERT ("USA") 1-800-227-2600 FOURTEEN (14) DAYS MINIMUM BEFORE BEGINNING ANY EXCAVATION. THE CONTRACTOR SHALL CONTACT ANY UTILITY COMPANY WHOSE UTILITIES ARE NOT LOCATED BY "USA" FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND/OR REPLACE ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR TO EXISTING CONDITIONS AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COORDINATE WORK WITH CONFLICTING UTILITIES AND PROVIDE FOR REMOVAL, RELOCATION AND REPLACEMENT AS NECESSARY FOR INSTALLATION OF THE PROPOSED UTILITIES. UTILITY COORDINATION SHALL BE INCLUDED IN THE PROJECT SCHEDULE AND IT IS THE EXPLICIT RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT THE PROJECT SCHEDULE INCLUDES THE NECESSARY RELOCATION. THE CONTRACTOR SHALL NOT BE PAID ADDITIONALLY FOR THIS COORDINATION OR ANY RELOCATION
- 10. BURIED TELEPHONE, GAS AND CATV CABLES (FIBER OPTICS AND CONVENTIONAL) ARE KNOWN TO VARY IN DEPTH AND LOCATION DUE TO INSTALLATION TECHNIQUES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANY TO DETERMINE SPECIFIC CABLE LOCATIONS AND NOTIFYING THE ENGINEER OF THE EXACT ELEVATION OF THE CABLES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH LOCATING, COORDINATION FOR RELOCATION OR REPAIRING OF BURIED CABLES AND GAS ALONG THE PIPELINE ALIGNMENT.
- 11 EXISTING OVERHEAD ELECTRIC AND TELEPHONE TRANSMISSION LINES IN THE PROJECT AREA MAY NOT BE SHOWN ON DRAWINGS. EXTREME CAUTION SHALL BE USED WHEN WORKING IN THE VICINITY OF OVERHEAD UTILITIES SO AS TO PREVENT INJURY TO WORKERS OR DAMAGE TO THE
- 12. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD ANY FIELD CONDITIONS BE ENCOUNTERED THAT VARY FROM THE INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL NOTIFY PACIFIC GAS & ELECTRIC (PG&E) PRIOR TO EXCAVATING CLOSER THAN FIVE FEET TO AN EXISTING UTILITY POLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ANY ADDITIONAL SUPPORT OF EXISTING POWER POLES AS REQUIRED FOR TRENCH EXCAVATION. ALL COSTS OF SUCH WORK SHALL BE PAID BY THE CONTRACTOR.
- 14. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY AND PERMANENT SIGNS AS REQUIRED BY CALTRANS ALONG STATE ROADWAYS AND BY THE COUNTY ALONG STREETS, IN ACCORDANCE WITH THE APPROVED TRAFFIC CONTROL PLAN.
- 15. THE CONTRACTOR SHALL INSTALL PROJECT DESCRIPTION TEMPORARY SIGNS AS REQUIRED BY THE ENGINEER AND DISTRICT
- 16. MINIMUM PIPE COVER FOR ALL UTILITIES SHALL BE 2'-6" UNLESS LESS COVER IS SPECIFICALLY APPROVED BY THE ENGINEER OR SHOWN ON PLANS.
- 17. LIMITS OF PAVEMENT REMOVAL AND RECONSTRUCTION SHALL BE IN ACCORDANCE WITH COUNTY STANDARDS AND AS MODIFIED HEREIN. THE ASPHALT CONCRETE ALONG THE EDGES OF THE TRENCH SHALL BE SAWCUT AND REMOVED TO A STRAIGHT LINE PRIOR TO FINAL PAVING. EXPOSED VERTICAL EDGES WHICH WILL HAVE ASPHALT CONCRETE AGAINST THEM SHALL BE TACKED WITH EMULSION PRIOR TO PLACEMENT OF ASPHALT CONCRETE. IN NO CASE SHALL THE THICKNESS OF THE NEW PAVEMENT SECTION BE LESS THAN THAT OF THE EXISTING PAVEMENT
- 18. THE CONTRACTOR SHALL REMOVE AND REINSTALL ALL EXISTING FENCE AS REQUIRED FOR

- FACILITIES INSTALLATION. ANY ADDITIONAL FENCE MATERIALS REQUIRED SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PRIVATE PROPERTY OWNERS OR DISTRICT. REPLACED FENCE SHALL MATCH EXISTING FENCE TYPE.
- 19. CARE SHALL BE TAKEN TO PROTECT EXISTING PLANTS, SHRUBS, TREES, LAWN, LANDSCAPE AREAS AND IRRIGATION SYSTEMS. ANY ITEMS REMOVED OR DAMAGED SHALL BE REPLACED. ALL ITEMS WHICH REQUIRE REMOVAL OR ARE DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED TO ORIGINAL CONDITION AND TO THE APPROVAL OF THE ENGINEER
- 20. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL DEVELOP AND SUBMIT TO THE ENGINEER A SHORING PLAN. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SHEETING, SHORING AND BRACING REQUIRED FOR THE INSTALLATION OF THE LITILITY ALL EXCAVATIONS SHALL BE KEPT WITHIN THE DESIGNATED EASEMENT WIDTHS. EXCAVATION WITHIN PAVED AREAS SHALL BE KEPT TO A MINIMUM. SHEETING SHALL BE INSTALLED AS REQUIRED TO PROTECT EXISTING UTILITIES
- 21 PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL DEVELOP AND SUBMIT TO THE ENGINEER A TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL COMPLY WITH THE APPROVED TRAFFIC CONTROL PLAN AT ALL TIMES. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR FURNISHING, INSTALLING AND MAINTAINING ALL WARNING SIGNS AND DEVICES NECESSARY TO SAFEGUARD THE GENERAL PUBLIC AND THE WORK, AND TO PROVIDE FOR THE PROPER AND CONTINUOUS SAFE ROUTING OF VEHICULAR AND PEDESTRIAN TRAFFIC DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO WORKING HOURS. THE USE OF FLAGGERS, BARRICADES AND CONSTRUCTION SIGNING SHALL COMPLY WITH THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CMUTCD), LATEST EDITION
- 22. ADVISORY SIGNS SHALL BE POSTED A MINIMUM OF 21 DAYS IN ADVANCE OF CONSTRUCTION ACTIVITIES.
- 23. ALL NON-APPLICABLE SIGNS SHALL BE COVERED WITH BLACK PLASTIC OR REMOVED
- 24. ALL MATERIAL CLEARED AND GRUBBED BY THE CONTRACTOR IN ORDER TO CONSTRUCT THE WORK, SUCH AS TREES, VEGETATION, FENCING, ETC., SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF-SITE AT AN APPROVED DISPOSAL SITE.
- 25. THE CONTRACTOR SHALL MAINTAIN A MEANS FOR INGRESS/EGRESS TO EACH PROPERTY AT ALL
- 26. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SURVEYING. ANY EXISTING SURVEY STAKES SHALL NOT BE USED BY THE CONTRACTOR
- 27. THE EXISTING VEGETATION OUTSIDE OF THE CLEARING LIMITS TO REMAIN SHALL BE PROTECTED. FROM DAMAGE. THE CONTRACTOR SHALL INSTALL A 4 FOOT HIGH ORANGE BARRIER FENCE ALONG THE CLEARING LIMITS PRIOR TO CLEARING THE SITE.
- 28. ALL CONSTRUCTION ACTIVITY SHALL BE LIMITED TO STREET RIGHTS-OF-WAY, ON DISTRICT PROPERTY. AND THE CONSTRUCTION LIMITS AS SHOWN ON PLANS.
- 29. THE CONTRACTOR SHALL RESTORE ALL ACCESS ROADS AND STREETS WITHIN THE CONSTRUCTION LIMITS TO PRE-CONSTRUCTION CONDITIONS OR BETTER AND AS SHOWN ON THE CONTRACT
- 30. ALL TRENCHING AND BACK FILLING SHALL BE IN ACCORDANCE WITH THE DISTRICT STANDARDS AND AS MODIFIED IN THE CONSTRUCTION DETAILS ELSEWHERE IN THE PLANS AND TECHNICAL SPECIFICATIONS. TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED. TRENCHES SHALL BE CLOSED OR COVERED AT THE END OF THE WORK DAY.
- 31 FOR ALL TRENCHING EXCAVATIONS 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL ORTAIN A PERMIT FROM THE DIVISION OF INDUSTRIAL RELATIONS PRIOR TO BEGINNING ANY EXCAVATION. A COPY OF THIS PERMIT SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES.
- 32 THE CONTRACTOR SHALL PERMANENTLY PATCH PAVEMENT FOR ALL PARALLEL PAVEMENT DISTURBANCES BY THE END OF EACH WEEK. TEMPORARY WITH STEEL PLATES OR APPROVED EQUAL PATCHES SHALL BE PROVIDED DAILY AND MAINTAINED UNTIL THE PAVEMENT PATCH IS PROVIDED.
- 33. THE CONTRACTOR SHALL CONDUCT ALL WORK WITHIN THE AREAS ON THE PLANS.
- 34. CONTRACTOR MUST ACCESS WORK AREAS THROUGH PUBLICLY OWNED RIGHT-OF-WAY (R/W) OR THROUGH ACCESS POINTS DELINEATED ON THE PLANS WHERE PUBLIC RIGHT-OF-WAY IS NOT AVAILABLE.
- 35. PRIOR TO ACCEPTANCE OF THE UTILITIES, THE PIPELINES SHALL BE PROPERLY CLEANED OF ALL DEBRIS, AIR TESTED, MANDRELLED WHEN APPLICABLE, AND TELEVIEWED, PROPER CLEANING TECHNIQUES AND DEVICES SHALL BE UTILIZED TO INSURE NO DEBRIS. SAND. GRAVEL OR SILT WILL ENTER THE EXISTING STORM DRAIN SYSTEM.
- 36. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES
- 37. STRUCTURES NOTED IN THE PLANS AS EXISTING SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES NOTED SHALL BE REPORTED TO THE ENGINEER.
- 38. TYPICAL DETAILS AND SCHEDULES INDICATED MAY NOT BE SPECIFICALLY REFERENCED ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHERE EACH TYPICAL DETAIL OR SCHEDULE APPLIES. IF LOCATIONS ARE FOUND WHERE NO TYPICAL DETAIL, TYPICAL SCHEDULE, OR SPECIFIC DETAIL APPLIES. THE ENGINEER SHALL BE NOTIFIED
- 39. OBSERVATION VISITS (SITE VISITS) BY REPRESENTATIVES OF THE DISTRICT DO NOT INCLUDE INSPECTION OF CONSTRUCTION MEANS AND METHODS. SITE VISITS DURING CONSTRUCTION ARE NOT CONTINUOUS AND DETAILED INSPECTION SERVICES ARE TO BE PERFORMED

OBSERVATIONS ARE PERFORMED SOLELY FOR THE PURPOSE OF DETERMINING IF THE CONTRACTOR UNDERSTANDS DESIGN INTENT SHOWN IN THE CONTRACT DRAWINGS OBSERVATIONS DO NOT GUARANTEE CONTRACTOR'S PERFORMANCE AND ARE NOT TO BE CONSTRUED AS SUPERVISION

- 40. ALL SPECIFICATIONS AND CODES NOTED SHALL BE THE LATEST APPROVED EDITIONS AND REVISIONS BY THE AGENCY HAVING JURISDICTION OVER THIS PROJECT.
- 41. CONTRACTOR SHALL INVESTIGATE THE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, UTILITIES, ETC. IF ANY SUCH STRUCTURES ARE FOUND, THE ENGINEER SHALL BE NOTIFIED
- 42 FOLLOWING IS THE PROJECT SPECIFIC GEOTECHNICAL REPORTS FOR REVIEW AND USE: GEOTECHNICAL REPORT: RESERVOIR B REPLACEMENT STUDY, PARADISE IRRIGATION DISTRICT. TOWN OF PARADISE & BUTTE COUNTY, CALIFORNIA (MAY 2018)

ADDITIONAL NOTES FOR WORK ON NEW SKYWAY:

- TRAFFIC CONTROL PLAN TO BE PROVIDED BY CONTRACTOR AND SUBMITTED TO OWNER AND BUTTE COUNTY FOR APPROVAL. THE PLAN SHALL GENERALLY TO USE OLD SKYWAY FOR SOUTHBOUND TRAFFIC AND THE SOUTHBOUND LANE OF NEW SKYWAY FOR NORTHBOUND TRAFFIC WHILE WORK IS BEING COMPLETED IN THE NORTHBOUND LANE OF NEW SKYWAY. SOUTHBOUND TRAFFIC DIVERSION TO OLD SKYWAY SHALL OCCUR AT COUTOLENC ROAD AND SOUTHBOUND TRAFFIC TO REJOIN NEW SKYWAY AT PENTZ ROAD. NORTHBOUND TRAFFIC TRANSITION TO SOUTHBOUND LANE SHALL OCCUR AT PENTZ ROAD AND REJOIN NORTHBOUND LANE AT COULTOLENC ROAD
- FOR TEMPORARY TRENCH PLATING ON NEW SKYWAY, CONTRACTOR TO USE CLEMICOF BACKFILL TEXTURED PLATES THAT ARE FLUSH WITH THE SURROUNDING PAVEMENT. PLATES WILL ONLY BE ALLOWED FOR 20-FT MAXIUM LENGTH, TOTAL.
- SLURRY/CLSM BACKFILL OF PIPE TRENCH WILL BE BROUGHT UP FLBH WITH ROAD SURFACE EACH NIGHT WITH THE LAST SLURRY PLACEMENT COMPLETE 2 HOURS BEFORE THE END OF SHIFT (LAST PLACEMENT BY 3:00 AM). CLSM MIX DESIGN SHALL INCLUDE ADMIXTURES TO PROVIDE 50-PS! STRENGTH SET IN THAT 2 HOUR TIMEFRAME TO BE SAFE FOR TRAFFIC USE. SEE NOTE 6, ADDENDUM 2
- CONTRACTOR TO COMPLETE ALL WORK IN NEW SKYWAY, FROM STATION 23-19.30 TO 70-00 PRIOR TO JUNE 1, 2023. NO REPAVING WILL BE REQUIRED FOR THIS SEGMENT OF PIPELINE IF IT IS COMPLETED PRIOR TO JUNE 1, 2023 3LURRY/CLSM FILL TO ROAD SURFACE MAY REMAIN FOR THE BUTTE COUNTY REPAVING PROJECT WHICH WILL OCCUR IN THIS AREA IMMEDIATELY FOLLOWING COMPLETION OF THE PIPELINE INSTALLATION.

GENERAL PIPING NOTES:

- THRUST RESTRAINT: ALL NEW WATER LINES, FITTINGS, VALVES AND APPURTENANCES SHALL BE RESTRAINED USING THRUST BLOCKS PER PID STD DWG PID-02 OR MECHANICAL THRUST RESTRAINT MUST BE PROVIDED PER THE DRAWINGS
- VERTICAL AND HORIZONTAL SEPARATION: UNLESS OTHERWISE NOTED ON PLANS OR APPROVED BY DISTRICT. CONTRACTOR SHALL MAINTAIN VERTICAL AND HORIZONTAL SEPARATIONS IN ACCORDANCE WITH CALIFORNIA WATERWORKS STANDARDS AND PID STANDARD DRAWING PID-11
- 3. LAY PIPE TO UNIFORM GRADE BETWEEN INDICATED ELEVATION POINTS. MINIMUM COVER SHALL BE 30 INCHES UNLESS OTHERWISE SHOWN.
- SIZE OF FITTINGS SHOWN ON DRAWINGS SHALL CORRESPOND TO ADJACENT STRAIGHT RUN OF PIPE, UNLESS OTHERWISE INDICATED. TYPE OF JOINT AND FITTING MATEIAL SHALL BE THE SAME AS SHOWN FOR ADJACENT STRAIGHT RUN OF PIPE.
- LOCATION AND NUMBER OF PIPE HANGERS AN DPIPE SUPPORTS SHOWN IS ONLY APPROXIMATE. FINAL SUPPORT REQUIREMENTS SHALL BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. MAXIMUM SPACING SHALL
- 6. APPROPRIATE STANDARD WALL PIPE DETAIL SHALL BE USED WHEREVER PIPING PASSES FROM A STRUCTURE TO BACKFILL.
- ALL FLEXIBLE CONNECTORS OR FLANGED COUPLING ADAPTERS SHALL BE PROVIDED WITH THRUST TIES BLOCKS, OR ANCHORS, UNLESS OTHERWISE NOTED. THRUST PROTECTION SHALL BE ADEQUATE FOR TEST PRESSURES SPECIFIED.
- SYMBOLS, LEGENDS, AND PIPE USE IDENTIFICATIONS SHALL BE FOLLOWED THOUGHOUT THE DRAWINGS, WHEREVER APPLICABLE. ALL THE VARIOUS APPLICATIONS ARE NOT NECESSARILY USED IN THE PROJECT.
- NUMBER AND LOCATION OF UNIONS SHOWN ON DRAWINGS ARE ONLY APPROXIMATE. PROVIDE ALL UNIONS NECESSARY TO FACILITATE CONVENIENT REMOVAL OF VALVES AND
- 10. THE CONTRACTOR FOR THIS PROJECT IS RESPONSIBLE FOR COORDINATING AND PERFORMING THE CONNECTION OF THE PIPING AND ASSOCIATED APPURTENANCES INSTALLED UNDER THIS CONTRACT TO BOTH THE EXISTING PIPING AND FACILITIES.
- 11. PRIOR TO SUBMITTING PIPING DRAWINGS FOR ANY NEW PIPE THAT IS TO CONNECT TO OR CROSS AN EXISTING PIPE OR STRUCTURE TO VERIFY ITS EXACT LOCATION, SIZE, MATERIAL, AND INVERT ELEVATIONS.

ADD TO: ADDITIONAL NOTES FOR WORK ON NEW SKYWAY:

6. CONTRACTOR to place slurry fill/CLSM up to within 2" of the road surface and then place 2" of temporary asphalt surface (cutback or cold mix) to be flush with existing road surface





FILENAME: 1741D-G004.da

ROJECT NUMBE 17-041 G-4

SHEET NUMBER 4