BOR Exhibit #6
Draft 07-29-2020

Draft Contract No. 8-07-20-X0356-X

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
Central Valley Project, California

AGREEMENT BETWEEN THE UNITED STATES OF AMERICA AND FRIANT WATER AUTHORITY TO TRANSFER THE OPERATION, MAINTENANCE AND REPLACEMENT AND CERTAIN FINANCIAL AND ADMINISTRATIVE ACTIVITIES RELATED TO THE FRIANT-KERN CANAL AND ASSOCIATED WORKS

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THIS AGREEMENT, effective the _____ day of _____,_____, ("Effective Date") in pursuance generally of the Act of Congress of June 17, 1902 (32 Stat.388), and the acts amendatory thereof or supplementary thereto, including Section 5 of the Act of August 13, 1914 (38 Stat. 687), all collectively hereinafter referred to as the Federal Reclamation laws, between the UNITED STATES OF AMERICA, hereinafter referred to as the United States, and the FRIANT WATER AUTHORITY, hereinafter referred to as the Authority, a public agency of the State of California, duly organized, existing, and acting pursuant to the laws of the State of California. The United States and the Authority are referred to collectively as the "Parties," and individually as a "Party."

WITNESSETH, That:

RECITALS

a. The United States Bureau of Reclamation (Reclamation) has constructed the Friant Division, Central Valley Project (Project), for storage, diversion, carriage and distribution of water for agricultural, flood control, municipal, industrial, domestic and other beneficial uses and purposes; and

b. The Authority represents water users who contract with the United States for water service provided by the Friant Division of the Project; and

c. The United States operates the Friant Division of the Project for the benefit, among others, of the water users represented by the Authority; and

d. The Authority has operated and maintained certain Friant Division facilities pursuant to that certain Agreement to Transfer the Operation, Maintenance, and Replacement (OM&R) and Certain Financial and Administrative Activities Related to the Friant-Kern Canal and Associated Works, Contract No. 8-07-20-X0356 (Transfer Agreement), between the Parties for a term of twenty-five (25) years, effective March 1, 1998; and

e. The Authority requested initiation of the renewal process for the continued OM&R of the Project Works under Contract No. 8-07-20-X0356 by letter dated July 30, 2019; and

f. The Authority has demonstrated its ability to operate and maintain such facilities to the satisfaction of the Contracting Officer and in a manner which best and most economically serves the water users relying on those facilities; and

i. It is deemed to be in the best interests of the Parties and the Project's water users that the continued OM&R, as well as certain administrative and financial activities, of the Project Works continue to be transferred to the Authority as the Operating Non-Federal Entity by renewing the Transfer Agreement; and

j. The United States also believes it to be in the best interests of the Parties and the Project's water users to transfer to the Authority the administrative and financial responsibility to continue to perform and hereafter fund the Authority's OM&R of the Project Works while the

United States retains the responsibility to fund Capital Improvement costs of the Project Works; and

k. The Authority is willing to continue to assume the OM&R of the Project Works as the Operating Non-Federal Entity and perform the enumerated administrative and financial activities in accordance with the terms and conditions herein set forth; and

l. The National Environmental Policy Act compliance requirement for execution of this Agreement has been met by the Categorical Exclusion dated _____, 2020; and

In consideration of the mutual and dependent covenants herein contained, the Parties mutually agree as follows:

DEFINITIONS

1. When used in this Agreement, the term:

(a) "Capital Improvement" shall mean any activity that extends the useful life of a property, plant or equipment asset, expands the capacity or efficiency of an asset, or otherwise upgrades an asset to serve needs different from, or significantly greater than, an asset's current use, or as defined in the *Blue Book* entitled Federal Replacements, Units, Service Lives, Factors, as amended or in accordance with Federal law and accounting standards, or any other regulations, policies, guidelines, or instructions adopted thereunder.

(b) "Fiscal Year" shall mean the period from and including the first day of October of each calendar year through and including the last day of September of the following calendar year.

(c) "Operation, Maintenance and Replacement" or "OM&R" shall mean the complete operation and maintenance of the Project Works, including performing, funding, and financing such repairs and replacements as are normally considered part of annual operation and maintenance functions and not considered Capital Improvement costs of the Project. OM&R

shall include the performance, funding, and financing of emergency or unusual operation and maintenance or extraordinary operation and maintenance costs, unusual or extraordinary repair or replacement costs, and betterment costs, but only to the extent the costs thereof are not considered Capital Improvement costs of the Project. Notwithstanding the foregoing, OM&R shall also include Capital Improvements, as that term is defined in Article 1(a) which the Authority chooses to accomplish and finance pursuant to Article 5(b).

(d) "Other Water" shall mean water other than water conveyed or delivered pursuant to Water Delivery Contracts which the United States has a legal or contractual obligation to convey or deliver through the Project Works. Other Water includes, without limitation, water to be conveyed through the Project Works (1) pursuant to contracts under the Warren Act (43 USC 523, et seq.), Section 305 of the Act of March 5, 1992 (106 Stat. 59), Section 3408(c) of the Central Valley Project Improvement Act (106 Stat. 4706), and Section 215 of the Reclamation Reform Act of 1982 (96 Stat. 1263); (2) under other wheeling or conveyance agreements binding on the Secretary; (3) in accordance with agreements for conveyance of water to wildlife refuges and wildlife management areas; and (4) to satisfy other legally imposed obligations of the Secretary.

(e) "Party Entitled to Utilize or Receive Other Water" shall mean the party required to pay the Authority the amounts described in Article 12 in connection with the delivery of Other Water. In the case of Other Water delivered to satisfy agreements for conveyance of water to wildlife refuges and wildlife management areas, as well as other legally imposed obligations of the Secretary, the Party Entitled to Utilize or Receive Other Water (and therefore required to pay the Authority the amounts described in Article 12 in connection with the delivery thereof) shall be the Contracting Officer.

(f) "Project" shall mean the Central Valley Project owned by the United States and managed by the Department of the Interior, Bureau of Reclamation.

(g) "Project Water" shall mean all water that is developed, diverted, stored, or delivered by the Secretary in accordance with the statutes authorizing the Project and in accordance with the terms and conditions of water rights acquired pursuant to California law.

(h) "Project Works" shall mean those facilities listed or described on the attached Exhibit A, which are incorporated herein by this reference, including: the Friant-Kern Canal and related in-line control facilities; wasteways, laterals, holding reservoirs, turnouts and measuring devices, associated water level control devices and water level recording instruments; appurtenant equipment, structures and maintenance buildings; and such other facilities as the Parties may agree by modification of Exhibit A, without amending this Agreement.

(i) "Secretary" or "Contracting Officer" shall mean the Secretary of the United States Department of the Interior or his/her duly authorized representative.

(j) "Substantial Change" shall mean a modification in, or addition to, Project Works which involves changes in the original design intent, function, and/or operational parameters of the facility, or changes in benefits of the Project Works, including non-routine maintenance activities that involve construction or reconstruction of a portion of the facility.

(k) "Water Delivery Contract" shall mean (1) any contract entered into by the Secretary under the provisions of Sections 9(c), 9(d) or 9(e) of the Reclamation Project Act of 1939 [43 USC 485h (c), (d) and (e)] or Section 3404 of the Central Valley Project Improvement Act (106 Stat. 4706) pursuant to which Project Water is to be supplied from or through the Project Works and (2) any exchange contract, water rights settlement contract or similar

agreement pursuant to the terms of which water is to be supplied by the Secretary from or using the Project Works.

(l) "Water Delivery Contractor" shall mean a party holding a Water Delivery Contract with the United States.

TERM OF AGREEMENT

2. (a) This Agreement shall be effective as of the Effective Date and shall remain in effect for thirty-five (35) years thereafter; ***Provided, That*** this Agreement is not terminated at an earlier date pursuant to Article 2(b) below. Subject to modification acceptable to the Contracting Officer and the Authority, the Authority shall have the option to renew this Agreement for successive periods not to exceed thirty-five (35) years each by providing written notice of such to the Contracting Officer not more than one (1) year, but not less than six (6) months, prior to the end of the then-current term, unless by mutual agreement to renew sooner.

(b) The Contracting Officer may terminate this Agreement at any time before the expiration of its term whenever the Contracting Officer determines that the Authority is in substantial violation of the Agreement as provided in this Article 2(b); ***Provided, That*** prior to the effective date of any such termination, the Contracting Officer shall first notify the Authority in writing of, the specific purported deficiencies of the Authority in carrying out the terms and conditions of this Agreement. It is the intent of the Parties that disputes be resolved pursuant to this Article 2(b) as expeditiously as is reasonably possible without the necessity of other relief at law or in equity. If after the designated representative of the Authority has met with the Contracting Officer or his or her designated representative and attempt in good faith and with the use of best efforts to resolve any dispute arising from the purported deficiency an agreement is not reached, the Contracting Officer may issue a notice of proposed termination, which includes the specific deficiencies of the Authority's performance under this Agreement. The Authority

shall have at least ninety (90) days from receipt of the written notice of proposed termination to correct all deficiencies referred to in said written notice; ***Provided, That*** in the event of a condition which threatens the safety or integrity of the Project Works, the Contracting Officer may specify a shorter correction period which the Contracting Officer determines to be appropriate under the circumstances. In the event the Authority does not correct all deficiencies referred to in said written notice within the applicable period, the Contracting Officer may thereafter terminate this Agreement upon thirty (30) days prior written notice to the Authority. Any termination pursuant to this Article shall be subject to the rights and obligations of the Parties as more specifically set forth in this Agreement.

(c) The Authority may at any time, upon giving twelve (12) months written notice, terminate this Agreement; ***Provided, That*** such termination shall not relieve the Authority of any of its duties, liabilities or obligations accruing from the Effective Date of this Agreement to the effective date of such termination, except insofar as the Authority lacks funding to perform such obligations due to a failure by the United States to meet any of its obligations under this Agreement.

(d) Upon any termination of this Agreement, the United States will take over from the Authority the care, OM&R of the Project Works and the Authority shall transfer to the United States (1) title to all tools, vehicles, supplies, and equipment transferred under Article 3(b) of the original agreement 8-07-20-X0356 (to the extent still on hand) or purchased by the Authority for the purposes of this Agreement, and (2) any funds in its possession which were collected for, or allocated to, the OM&R of the Project Works for the then-current Fiscal Year which are in excess of the obligations of the Authority for the OM&R of the Project Works. All other funds and reserves in the Authority's possession, including without limitation all other

funds collected for, or allocated to, the OM&R of the Project Works and the reserve funds established under Article 14 shall be retained or distributed by the Authority in accordance with the direction of the Authority's board of directors.

(e) An Agreement review must be performed at least every fifteen (15) years. A more frequent review will be established if determined to be appropriate by the Contracting Officer. The review and update will be limited to focus on this Agreement's standard articles and incorporation of any new statutory requirements applicable to this Agreement.

OPERATION AND MAINTENANCE OF PROJECT WORKS

3. (a) The Contracting Officer has transferred, and the Authority has accepted and assumed the care, OM&R of the Project Works. Title to the Project Works will remain in the name of the United States, unless otherwise provided by the Congress of the United States.

(b) The Authority, without expense to the United States, will care for, OM&R the Project Works in full compliance with the terms of this Agreement and in such a manner that the Project Works remain in good and efficient condition, subject to exercise of discretion to fund and carry out Capital Improvements, as described below in Article 5(b).

(c) Necessary repairs of the Project Works will be made promptly by the Authority. In case of unusual conditions or serious deficiencies in the OM&R of the Project Works threatening or causing interruption of water service, the Contracting Officer may issue to the Authority a special written notice of those necessary repairs. Except in the case of an emergency, the Authority will be given sixty (60) days to either make the necessary repairs or submit a plan for accomplishing the repairs acceptable to the Contracting Officer. In the case of an emergency, or if the Authority fails to either make the necessary repairs or submit a plan for accomplishing the repairs acceptable to the Contracting Officer within sixty (60) days of receipt of the notice, the Contracting Officer may cause the repairs to be made, and the cost of those repairs will be paid by the Authority as directed by the Contracting Officer.

(d) The Authority will not make any Substantial Changes in the Project Works without first obtaining written consent of the Contracting Officer.

(e) The Authority agrees to indemnify the United States for, and hold the United States and all of its representatives harmless from, all damages resulting from suits, actions, or claims of any character, except for intentional torts committed by employees of the United States, brought on account of any injury to any person or property arising out of any act, omission, neglect, or misconduct in the manner or method of performing any construction, care, operation, maintenance, supervision, examination, inspection, or other duties of the Authority or the United States on Project Works required under this Agreement, regardless of who performs

those duties;

Provided, That for the purposes of this Article 3(e), the term "intentional torts" includes acts or omissions under California law that constitute gross or willful misconduct, gross or willful negligence, and sole negligence; and, provided further, that the term "employees of the United States," includes agents and independent contractors who are directly responsible to the United States.

(f) Omitted.

(g) In the event the Authority is found to be operating the Project Works or any part thereof in violation of this Agreement or the Authority is found to be failing any financial commitments or other commitments to the United States under the terms and conditions of this Agreement, then upon the election of the Contracting Officer, the United States may take over from the Authority the care, OM&R of the Project Works by giving written notice to the Authority of such election and the effective date thereof. Thereafter, during the period of operation by the United States, upon notification by the Contracting Officer the Authority will pay to the United States, annually in advance, the cost of the OM&R of the Project Works as determined by the Contracting Officer. Following written notification from the Contracting Officer the care, OM&R of the Project Works may be transferred back to the Authority.

(h) In addition to all other payments to be made by the Authority under this Agreement, the Authority will pay to the United States, following the receipt of a statement from the Contracting Officer, all reimbursable miscellaneous costs to be incurred by the United States for any work involved in the administration and supervision of this Agreement.

(i) Nothing in this Article will be deemed to waive the sovereign immunity of the United States.

TRANSFER INSPECTION

4. The Authority (including its predecessors) has been the Operating Non-Federal Entity for the Project Works since 1986. Joint inspections of the Project Works have been conducted by the United States and the Authority. The inspection reports shall be made available for the Authority's review upon request.

CAPITAL IMPROVEMENTS AND REPAIRS

5. (a) Nothing in this Agreement shall be construed to require the Authority to make or fund improvements, modifications, replacements or repairs of any nature to the Project Works, the costs of which should be or will be added to the Capital Improvement costs of the Project. The identification of Capital Improvements shall be made in accordance with Federal law or any regulations, policies, guidelines or instructions adopted thereunder. The Contracting Officer's determination of whether the costs of any improvements, modifications, replacements or repairs should be or will be added to the Capital Improvement costs of the Project shall be accepted by the Authority after the Contracting Officer has conferred in good faith with the Authority with respect thereto; *Provided*, *That* such determination shall be subject to review by a court having jurisdiction over the dispute. The Authority shall act in accordance with such determination unless and until it is reversed or modified. The Authority shall submit annual OM&R work forecasts at the start of each Fiscal Year. The OM&R work forecasts shall include all work to Project Works that is projected to be done in the following Fiscal Year and work to be done in the next three (3) Fiscal Years. Following the completion of a Review of Operation and Maintenance (RO&M) examination of the Project Works as set forth in Article 11 of this Agreement, if that RO&M examination identifies a potential Capital Improvement, and at such other times as the Parties agree are necessary, the Authority and the Contracting Officer shall confer to identify any Capital Improvements planned or necessary for the Project Works for the next ten (10) years and agree upon the mechanism for accomplishing and financing the Capital Improvements.

(b) Notwithstanding the provisions of Article 5(a), in the event the Authority identifies Capital Improvements it deems necessary for the OM&R of the Project Works and the Contracting Officer is unable or unwilling to provide a mechanism for accomplishing and

financing such Capital Improvements, the Authority may proceed with the accomplishment and financing of such Capital Improvements and deem the costs thereof to be OM&R costs hereunder, regardless of whether such costs are added to the Capital Improvement costs of the Project under Article 5(a). Such Capital Improvements may include, without limitation, the acquisition, repair or replacement of personal property (such as motor vehicles and heavy equipment) and the construction or improvement of structures utilized by the Authority in connection with the OM&R of the Project Works.

PERFORMANCE WORK STATEMENT, EMERGENCY ACTION PLANS AND NOTIFICATIONS

6. (a) The Authority shall maintain the Project Works in such a manner that the Project Works shall remain in good and efficient condition for the storage, diversion and carriage of water. The Authority shall perform the OM&R of the Project Works consistent with the guidelines provided by existing Designer's Operating Criteria, standard operation procedures (SOPs) and/or manufacturer's technical manuals for the Project Works, in accordance with such sound engineering practices as have been or may be developed for the Project Works, and in accordance with applicable Federal, State and local environmental laws. Deviations from or changes to these standards shall be approved by the Contracting Officer.

(b) The Authority shall prepare such Emergency Action Plans (EAPs) for the Project Works as are required by governmental agencies with jurisdiction over the Authority's operations. The Authority shall furnish copies of any such plans to the Contracting Officer.

(c) In addition to implementing Article 6(b), the Authority shall notify the Contracting Officer as soon as reasonably practicable after initial observation by the Authority of any event or situation which threatens (1) the safety or integrity of the Project Works, or (2) the

well-being of humans or property located adjacent to the Project Works. Notwithstanding Article 26, such notification shall be made immediately telephonically and by electronic mail.

(d) The Authority shall submit monthly reports to the Contracting Officer outlining all work accomplished.

(e) The Authority shall annually review, and as necessary update, all SOPs and EAPs and provide such updates to the Contracting Officer.

(f) The performance work statement (PWS) will consist of the OM&R work forecast, current SOPs for all the major facilities, and EAPs as applicable.

ADMINISTRATION OF FEDERAL PROJECT LANDS

7. (a) (1) The lands and interests in lands acquired, withdrawn, or reserved and needed by the United States for the purposes of care, OM&R of the Project Works (collectively, "Project Work Lands") may be used by the Authority for such purposes without being charged any administrative fees therefor. The Authority shall ensure that no unauthorized encroachment occurs on Federal Project lands and rights-of-way. The Authority does not have the authority to issue any land-use agreement or grant that conveys an interest in Federal real property, nor to lease or dispose of any interest of the United States. Where there are unauthorized encroachments on Project Works Lands, the Authority will work with the Contracting Officer to resolve the encroachments to the Contracting Officer's satisfaction. For the purposes of this Agreement "encroachment" means any unauthorized building, structure, or object of any kind or character placed, into, over, or under any Project Works Lands.

(2) The Contracting Officer shall not issue any rights-of-way across Project Works Lands or any leases, licenses, permits, or special-use agreements involving Project Works Lands until the Contracting Officer has determined that the grant is compatible with the Project purposes and with the OM&R of the Project Works. The Contracting Officer shall issue such rights-of-way across Project Works Lands or any leases, licenses, permits or special-use agreements involving Project Works Lands only after offering the Authority the

opportunity to provide appropriate comment concerning the request. Requests for such grants that are received by the Authority shall be referred to the Contracting Officer along with appropriate comment concerning the request. A copy of all such grants issued by the Contracting Officer shall be provided to the Authority.

(b) The Authority shall regularly inspect the Project Works Lands to identify any trespass and determine the general condition of the real property itself. Cases of trespass shall be corrected, where possible, by the Authority. Trespass cases which the Authority feels may require undue time and/or expense to correct shall be referred without delay to the Contracting Officer for resolution.

(c) The Authority shall review land-use requests for compatibility within Project Works Lands. The Contracting Officer shall remain responsible for review and action upon all requests for use of the Project Works or Project Works Lands unless a delegation of authority to the Authority is otherwise provided for by the express written consent of the Contracting Officer.

(d) The United States retains responsibility for compliance with the National Historic Preservation Act of 1966, and the Native American Graves Protection and Repatriation Act of 1990. The Authority will notify the Contracting Officer and, only when on tribal land, also notify the appropriate tribal official, immediately upon the discovery of any potential historic properties or Native American human remains, funerary objects, sacred objects, or objects of cultural patrimony.

OVERSIGHT AND PARTICIPATION

8. (a) The Contracting Officer shall, to the greatest extent possible, afford the Authority the opportunity to review and comment on preliminary and final development plans, environmental documents and other documents which affect the Project Works. The Authority's comments shall be provided to the Contracting Officer; and

(b) The Parties shall, to the greatest extent possible, afford each other the opportunity to participate with city, county, State and Federal governments, or governmental groups and private concerns in meetings, hearings and other activities affecting the Project Works. The Parties shall keep each other informed of these activities.

DELIVERY OF WATER BY THE AUTHORITY

9. (a) The Authority shall convey and distribute water in and from the Project Works in accordance with the directives of the Contracting Officer, including all operating guidelines approved by the Contracting Officer, so that the Contracting Officer can satisfy all valid water delivery obligations of the United States from the Project Works, including without limitation all water delivery obligations of the United States under Water Delivery Contracts and for the delivery of Other Water. The Authority shall deliver water to each Water Delivery Contractor or Party Entitled to Utilize or Receive Other Water entitled thereto from the Project Works through turnouts or such temporary diversion facilities as are specified in then-existing Water Delivery Contracts or other arrangements or agreements relating to Other Water specifying such turnouts and delivery points, or as may be agreed to by such Water Delivery Contractor(s) or Party Entitled to Utilize or Receive Other Water, the Authority, and the Contracting Officer.

(b) A complete list of all valid obligations of the United States to convey and distribute water in and from the Project Works is attached as Exhibit B and incorporated herein by this reference. Exhibit B indicates whether each obligation is under a Water Delivery Contract or is for the delivery of Other Water. The Contracting Officer shall modify Exhibit B as such obligations change or as new obligations are added without amending this Agreement.

(c) Prior to the Contracting Officer entering into, renewing or amending any Water Delivery Contract or any other agreement which requires or permits the conveyance of

water through any of the Project Works, the Contracting Officer shall consult with the Authority about the terms of such contract action, and shall provide the Authority the opportunity to review and comment thereon. Any such contract action shall be taken by the Contracting Officer only after the Contracting Officer has given due consideration to, and has taken all reasonable actions to mitigate the impacts of such contract action on (1) the quantity or quality of water available to Water Delivery Contractors, or Parties Entitled to Utilize or Receive Other Water, and (2) the ability of the Authority to perform its obligations under this Agreement. The Contracting Officer shall provide the Authority a copy of all contracts entered into with Water Delivery Contractors or Parties Entitled to Utilize or Receive Other Water utilizing the Project Works for delivery or conveyance.

RESOLUTION OF DISPUTES

10. Should any dispute arise concerning delivery or conveyance of water by the Authority through the Project Works between the Authority, any Water Delivery Contractor(s) and/or any Party(ies) Entitled to Utilize or Receive Other Water from or through the Project Works, which the Authority concludes cannot be resolved through negotiations with the other party(ies) to the dispute, the Authority shall provide its final position with respect to such dispute to the other party(ies) thereto in writing and to the Contracting Officer requesting a determination of the dispute. Within sixty (60) days after such final position is provided, or such other reasonable date as may be agreed upon by the Authority and the Contracting Officer, the Contracting Officer will issue a written determination regarding the dispute. The Contracting Officer's determination shall be accepted by the Authority and other party(ies) thereto as final and conclusive and the Authority and the other party(ies) shall promptly comply with said decision and shall operate the Project Works in conformance with such decision until the same is stayed, reversed or modified by a decision of a court of competent jurisdiction.

EXAMINATION, INSPECTION, AND AUDIT OF PROJECT WORKS, RECORDS, AND REPORTS FOR DETERMINING ADEQUACY OF OM&R

11. (a) The Contracting Officer may examine the following: the Authority's books, records, and reports with respect to OM&R obligations under this Agreement; the Project Works being operated by the Authority; the adequacy of the OM&R program; the reserve fund; and the water conservation program including the water conservation fund, if applicable. Notwithstanding title ownership, where the United States retains a financial, physical, or liability interest in facilities either constructed by the United States or with funds provided by the United States, the Contracting Officer may examine any or all of the Project Works providing such interest to the United States.

(b) The Contracting Officer may, or the Authority may ask the Contracting Officer to, conduct special inspections of any Project Works being operated by the Authority and special audits of the Authority's books and records to ascertain the extent of any OM&R deficiencies to determine the remedial measures required for their correction and to assist the Authority in solving specific problems. Except in an emergency, any special inspection or audit shall be made only after written notice thereof has been delivered to the Authority by the Contracting Officer.

(c) The Authority shall provide access to the Project Works, operate any mechanical or electrical equipment, and be available to assist in the examination, inspection, or audit.

(d) The Contracting Officer shall prepare reports based on the examinations, inspections, and audits and furnish copies of such reports and any recommendations to the Authority.

(e) The costs incurred by the United States in conducting OM&R examinations, inspections, and audits and preparing associated reports and recommendations related to high- and significant-hazard dams and associated facilities shall be nonreimbursable. Associated facilities include carriage, distribution, and drainage systems; pumping and pumping generating plants; power plant structures; tunnels/pipelines; diversion and storage dams (low-hazard); Type 2 bridges which are Reclamation-owned bridges not located on a public road; regulating reservoirs (low-hazard); fish passage and protective facilities, including hatcheries; river channelization features; rural/municipal water systems; desalting and other water treatment plants; maintenance buildings and service yards; facilities constructed under Federal loan programs (until paid out); and recreation facilities (reserved works only); and any other facilities as determined by the Contracting Officer.

(f) Expenses incurred by the Authority, as applicable, in participating in the OM&R site examination will be borne by the Authority.

(g) Requests by the Authority for consultations, design services, or modification reviews, and the completion of any OM&R activities identified in the formal recommendations resulting from the examinations (unless otherwise noted) are to be funded as

project OM&R and are reimbursable by the Authority to the extent of current OM&R allocations.

(h) Site visit special inspections that are beyond the regularly scheduled OM&R examinations conducted to evaluate particular concerns or problems and provide assistance relative to any corrective action (either as a follow up to an OM&R examination or when requested by the Authority) shall be nonreimbursable.

(i) The Contracting Officer may provide the State of California an opportunity to observe and participate in, at its own expense, the examinations and inspections. The State of California may be provided copies of reports and any recommendations relating to such examinations and inspections.

COST RECOVERY FOR AUTHORITY OM&R ACTIVITIES; TERMINATION OF WATER DELIVERIES

12. The Authority is responsible for directly funding the OM&R of the Project Works transferred hereby. Except as otherwise provided herein, the Parties acknowledge that the United States will no longer provide funding through the appropriations process for such OM&R. Reclamation hereby delegates to the Authority all required authority under statutes, contracts, regulations, and policies to collect for OM&R of the Project Works. Reclamation acknowledges and agrees that the provisions of its Water Delivery Contracts regarding the obligation to pay the Authority for the operation and maintenance of the Project Works performed by the Authority under this Agreement, but which do not have the same definition of OM&R as in this Agreement, were not intended to and do not limit the delegation of authority to charge and collect for the OM&R of the Project Works as provided in this Article 12. The procedures and authorities to be utilized by the Authority for such direct funding are set forth in this Article 12.

(a) OM&R Budgets. Not later than ninety (90) days before the start of each Fiscal Year, the Authority shall submit to each Water Delivery Contractor, and all Parties Entitled to Utilize or Receive Other Water, the proposed budget for the next Fiscal Year for all activities of the Authority to be carried out under this Agreement. The budget so developed shall

include amounts necessary to establish the reserve fund described in Article 14 and such other reserves as may be determined to be necessary by the Authority. The Authority shall afford each Water Delivery Contractor and all Parties Entitled to Utilize or Receive Other Water the opportunity to submit comments on such proposed budget by thirty (30) days before commencement of the Fiscal Year. Except as otherwise provided in the Memorandum of Understanding described in Article 12(f), any dispute(s) regarding the proposed budget shall be resolved in the manner described in Article 10. The Authority shall submit the final budget for each Fiscal Year to the Contracting Officer prior to the start of that Fiscal Year. The Authority shall use reasonable efforts to perform its responsibilities under this Agreement in accordance with the applicable final budget.

(b) Cost Recovery Methodology. The Authority shall develop a methodology to recover all costs incurred by the Authority in carrying out its responsibilities under this Agreement, including without limitation all costs described in the budgets prepared pursuant to Article 12(a).

(1) The Authority's cost recovery methodology shall (i) provide for the equitable allocation of the costs to be recovered among Water Delivery Contractors with an obligation to pay for water delivered or conveyed through the Project Works and all Parties Entitled to Utilize or Receive Other Water with an obligation to pay therefor, including without limitation the Contracting Officer; (ii) provide for the equitable allocation of the costs to be paid to the Authority pursuant to the Memorandum of Understanding described in Article 12(f); and (iii) clearly set forth the manner in which all such costs shall be collected by the Authority, including deadlines for payments and/or deposits required of Water Delivery Contractors and all Parties Entitled to Utilize or Receive Other Water under the methodology.

(2) Such methodology shall recover costs in lieu of the conveyance OM&R cost component and the conveyance pumping OM&R cost component heretofore calculated by the United States pursuant to its ratesetting policies for the Project. In addition to OM&R costs for directly funding the OM&R of the Project Works, such methodology shall recover power costs for conveyance pumping incurred by the United States for the production or transmission of such power that are payable by the Water Delivery Contractors, Parties Entitled to Utilize or Receive Other Water, and contractors in the Friant Division pursuant to the Memorandum of Understanding described in Article 12(f), in connection with the delivery or conveyance of water through the Project Works.

(3) The Authority's cost recovery methodology and any subsequent amendments thereto shall be approved by the Authority and provided to all parties with payment obligations under this Article 12 by July 1 of each year, or not less than sixty (60) days prior to the effective date of any amendment thereof. Except as otherwise specified in the Memorandum of Understanding described in Article 12(f), any dispute(s) regarding the Authority's cost recovery methodology shall be resolved in the manner described in Article 10. The Contracting Officer has approved the Authority's initial cost recovery methodology. All proposed amendments shall be submitted to the Contracting Officer for review and comment concurrent with the dissemination to all parties with payment obligations noted above.

(c) Deficiencies in Cost Recovery. The Authority is not obligated to provide funding from non-Federal sources for the cost of delivering water to Water Delivery Contractors or Parties Entitled to Utilize or Receive Other Water who do not pay the Authority in full for the OM&R of the Project Works.

(1) In the event any Water Delivery Contract or obligation to deliver Other Water provides for or results in the payment of less than all of the costs to be recovered by the Authority in accordance with Article 12(b) (a "deficiency"), whether resulting from the inadequacy of contract provisions between the Water Delivery Contractor or Party Entitled to Utilize or Receive Other Water and the United States to cover the Authority's OM&R costs, delinquency in payment of amounts due as described in Article 12(d), or otherwise, the United States may elect to pay to the Authority the amount of any such deficiency, through a separate agreement or such other appropriate legal instrument as may be entered into by the Parties from time to time. If the United States does not elect to pay such deficiency, the Authority may terminate water deliveries as provided in Article 12(d).

(2) Any payments made by the United States to the Authority for such deficiencies shall become the financial obligation of the deficient Water Delivery Contractor or Party Entitled to Utilize or Receive Other Water to the Contracting Officer.

(d) Termination of Water Deliveries. In the event any amount due to or to be collected by the Authority from a Water Delivery Contractor or Party Entitled to Utilize or Receive Other Water pursuant to Article 12 is not paid when due (a "delinquency"), the Authority is authorized by the United States to discontinue delivery and conveyance of water to or for such Water Delivery Contractor or Party Entitled to Utilize or Receive Other Water until such time as the delinquency is cured. The Authority shall give the Contracting Officer and the delinquent party written notice of the delinquency and of the date deliveries will be terminated if the delinquency is not cured. Prior to issuing such notice, the Contracting Officer and the Authority shall agree in writing on the appropriate timing and length of such cure period.

(e) Interest. In the event any amounts due to the Authority from the United States under this Agreement are not paid when due, in addition to exercising the rights afforded the Authority under Article 12(c) and Article 12(d), the Authority will receive interest on the delinquent amounts pursuant to the Prompt Payment Act, as amended (31 USC 3901, et seq.); *Provided, That* the Authority shall have previously submitted appropriate invoices to the United States in accordance with 48 CFR Section 32.907-1.

(f) Recovery of Certain Costs and Memorandum of Understanding. The Parties acknowledge that the OM&R of certain Project facilities benefiting parties in the Friant Division will be performed by the San Luis and Delta-Mendota Water Authority pursuant to that certain Agreement to Transfer Operation and Maintenance and Replacement and Certain Financial and Administrative Activities Related to the San Luis and Delta-Mendota Canals, Tracy Pumping Plant, and O'Neill Pumping/Generating Plant, San Luis Drain and Associated Works. In connection therewith, the Authority has entered into that certain "Memorandum of Understanding Between the Friant Water Authority (as successor to the Friant Water Users Authority) and the San Luis & Delta-Mendota Water Authority Relating to Allocation, Collection and Payment of Operation, Maintenance & Replacement Costs for Water Delivered Through Certain Central Valley Project Facilities," effective March 1, 1998, amended February 25, 2003, and as it may be further amended by the parties thereto from time to time. Pursuant to such Memorandum of Understanding, certain OM&R costs described therein will be payable by contractors in the Friant Division of the Project, and collected by the Authority and paid to the San Luis and Delta-Mendota Water Authority in accordance with the terms of such Memorandum of Understanding. The United States acknowledges and agrees that it is not a party to such Memorandum of Understanding. While this Agreement is in effect, the Authority

shall comply with the terms of such Memorandum of Understanding, as it may be amended by the parties thereto.

(g) Direct Charges Replace U.S. Rate Components. The United States shall not charge water rate components for conveyance OM&R, conveyance pumping OM&R, to a Water Delivery Contractor or Party Entitled to Utilize or Receive Other Water, except to the extent (i) financial obligations otherwise properly included in such components have been incurred by the United States and have not been included as an expense therein under the ratesetting policies for the Project; or (ii) the United States has paid or provided funding to the Authority for delivering water to a Water Delivery Contractor or Party Entitled to Utilize or Receive Other Water to cover a deficiency in payment.

(1) To the extent the Authority's cost recovery methodology includes recovery of power costs for conveyance pumping that are incurred by the United States for the production or transmission of such power, the Authority shall remit such funds to the Contracting Officer within thirty (30) days after receipt of the Contracting Officer's billing therefor.

(2) All costs recovered pursuant to the Authority's cost allocation methodology and not required to be remitted to the Contracting Officer pursuant to this Article 12(g) shall be immediately available for funding the costs of the Authority pursuant to this Article 12.

(h) Deposits of Amounts Collected. Amounts collected by the Authority pursuant to this Article 12 shall be placed on deposit or otherwise invested in accordance with the Authority's investment policy and in conformance with State law to be expended solely for

purposes of this Agreement. All interest accruing on said account shall be property of the Authority, and not of the United States, and shall be applied against OM&R costs.

(i) The Contracting Officer agrees that material changes in Project operations affecting the quantity of water to be delivered or in Project finances may affect the ability of the Authority to carry out its obligations under this Agreement. Under such circumstances, the Parties will meet and confer as to emergency measures available to reduce the economic hardship to the Authority, the Water Delivery Contractors, and/or Parties Entitled to Utilize or Receive Other Water.

WATER ACCOUNTING

13. (a) The Contracting Officer's water accounting system shall be the data utilized in maintaining water delivery records and in allocating costs for all Water Delivery Contractors and all Parties Entitled to Utilize or Receive Other Water. The water accounting system shall fully and accurately document the allocation and deliveries of water through the Project Works and account for financial transactions affecting the Water Delivery Contractors, the Friant Division Contractors required to make payments via the Authority to the San Luis and Delta-Mendota Water Authority pursuant to the Memorandum of Understanding described in Article 12(f), and all Parties Entitled to Utilize or Receive Other Water with an obligation to pay therefor.

(b) The Contracting Officer shall direct the Water Delivery Contractors and other Parties Entitled to Utilize or Receive Other Water to provide the Authority and the Contracting Officer with water delivery and payment information for all water delivered to said Water Delivery Contractors and Parties Entitled to Utilize or Receive Other Water pursuant to this Agreement. All water accounting records created or maintained by the Authority under this Agreement shall be subject to Article 15 and shall be accessible by the Contracting Officer.

(c) In order to further their mutual goals and objectives, the Contracting Officer and the Authority shall communicate, coordinate, and cooperate with each other, in order to improve the OM&R of the Project, including the financing thereof. The communication, coordination, and cooperation shall include, but not be limited to, any action which will or may materially affect the quantity or quality of Project Water supply, the allocation of Project Water supply, and Project financial matters, including but not limited to, budget and water accounting issues. The communication, coordination, and cooperation provided for hereunder shall extend to all provisions of this Agreement. Each party shall retain exclusive decision making authority for all actions, opinions, and determinations to be made by the respective party.

(d) The Contracting Officer acknowledges that some or all of the Water Delivery Contractors and Parties Entitled to Utilize or Receive Other Water may appoint the Authority as agent for such parties or may otherwise designate, in writing, the Authority to act as an intermediary with the Contracting Officer concerning the water accounting or financial information. Upon notice, in writing, of such relationship, the Contracting Officer agrees to recognize the Authority in such capacity.

EMERGENCY RESERVE FUND

14. (a) Upon transfer of the OM&R of the Project Works under this Agreement, the Authority shall accumulate and maintain a minimum reserve fund or demonstrate to the satisfaction of the Contracting Officer that other funds are available for use as an emergency reserve fund. The Authority shall establish and maintain that emergency reserve fund to meet costs incurred during periods of special stress caused by damaging droughts, storms, earthquakes, floods, or other emergencies threatening or causing interruption of water service. A minimum reserve fund account balance will be maintained to finance (1) OM&R costs; (2) costs associated with addressing conditions which threaten or cause interruption of water service; and (3) costs associated with addressing conditions which threaten the safety or integrity of the Project Works.

(b) The Authority shall accumulate the reserve fund with annual deposits or investments over a maximum of ten (10) years and is to be held in a Federally insured, interest- or dividend-bearing account or in securities guaranteed by the Federal Government, in the California Local Agency Investment Fund, or, if approved by the Contracting Officer, in any fiduciary account in a manner provided by the laws of the State of California: *Provided, That* money in the reserve fund, including accrued interest, shall be available within a reasonable time to meet expenses for such purposes as those identified in paragraph (d) herein. Such annual deposits and the accumulation of interest to the reserve fund shall continue until the basic amount of fifteen percent (15%) of the average annual actual OM&R costs incurred by the Authority for the Project Works during the three most recent Fiscal Years is accumulated (excluding any OM&R costs pertaining to Capital Improvements). Following an emergency expenditure from the fund, the annual deposits shall continue from the year following the emergency expenditure until the previous balance is restored. After the initial amount is accumulated or after the previous balance is restored, the annual deposits may be discontinued, and the interest earnings shall continue to accumulate and be retained as part of the reserve fund.

(c) Upon mutual written agreement between the Authority and the Contracting Officer, the basic reserve fund or the accumulated reserve fund may be adjusted to account for risk and uncertainty stemming from the size and complexity of the Project; the size of the annual OM&R budget; additions to deletions from, or changes in Project Works; and OM&R costs not contemplated when this Agreement was executed.

(d) The Authority may make expenditures from the reserve fund only for OM&R costs incurred during periods of special stress, as described in paragraph (a) herein; or for meeting unforeseen extraordinary operation and maintenance costs; or for meeting unusual or extraordinary repair or replacement costs; or for meeting betterment costs (in situations where recurrence of severe problems can be eliminated) during periods of special stress. Proposed expenditures from the fund shall be submitted to the Contracting Officer in writing for review and written approval prior to disbursement. Whenever the reserve fund in reduced below the current balance by expenditures therefrom, the Authority shall restore that balance within five (5) years of withdrawal by the accumulation of annual deposits which will be over and above the normal annual contribution to the reserve fund.

(e) In accordance with Article 3.(g) of this Agreement, during any period in which any of the Project Works are operated and maintained by the United States, the Authority agrees the reserve fund shall be available for like use by the United States.

(f) On or before October 1, of each year, the Authority shall provide a current statement of the principal and accumulated interest of the reserve fund account to the Contracting Officer.

BOOKS, RECORDS, AND REPORTS

15. (a) The Authority shall establish and maintain accounts and other books and records pertaining to administration of the terms and conditions of this Agreement, including the Authority's financial transactions; water supply data; OM&R logs; Project Works Lands and rights-of-way use agreements; and other matters that the Contracting Officer may require.

Reports shall be furnished to the Contracting Officer in such form and on such date or dates as the Contracting Officer may require. Subject to applicable Federal law and regulations, each Party to this Agreement shall have the right during officer hours to examine and make copies of the other Party's books and records relating to matters covered by this Agreement.

All records and books maintained pursuant to this Agreement shall be available to, and subject at all reasonable times to inspection, examination, copying or audit by authorized representatives of affected Water Delivery Contractors, Parties Entitled to Utilize or Receive Other Water, and the Contracting Officer. Each month the Authority shall collect and certify all delivery and measurement records and report any abnormal findings to the Contracting Officer.

(b) The Authority shall maintain and verify records of actual expenditures in accordance with an accounting system prescribed by the California State Controller in compliance with California Government Code section 53891. The Contracting Officer and the Authority shall preserve and make available their respective financial and accounting records and books relating to this Agreement until the later of either (1) the final disposition of any litigation or settlement of claims arising out of performance under this Agreement, or (2) the expiration of five (5) years after the activities giving rise to the creation of such records and books. By March 31, following the completion of each Fiscal Year, the Authority shall provide the Contracting Officer with a copy of its audited financial statements as of the end of the preceding Fiscal Year.

(c) Until termination of this Agreement, the Authority shall retain the originals of all significant OM&R records pertinent to the Project Works and/or water operations, including modifications to Project Works; as-built drawings; maintenance and repair logs; equipment tests, equipment operations logs; emergency response plans; spill prevention control and countermeasure plans; written inquiries received by the Authority pursuant to the Federal Freedom of Information Act or analogous State law; Congressional or State Legislative

requests; or public or private claims or potential claims against the United States and/or the Authority relative to the Project Works.

(d) Upon request by the Authority, the Contracting Officer shall make available to the Authority those OM&R, financial and administration records relating to the Project Works in his possession and any revisions or modifications to those records.

NOTIFICATION OF THIRD PARTIES

16. (a) To the extent the Contracting Officer has not previously done so, the Contracting Officer shall instruct all Water Delivery Contractors and all Parties Entitled to Utilize or Receive Other Water that the Authority is the Operating Non-Federal Entity with respect to the Project Works. The Contracting Officer shall inform all parties to be so notified of the Authority's rights, authorities, and obligations under this Agreement and any other agreements relevant to the Authority's status as the Operating Non-Federal Entity and shall cooperate with the Authority in ensuring that all such parties timely and properly make all required payments to the Authority. Without limiting the foregoing, the Contracting Officer shall direct all such parties to simultaneously provide the Authority with copies of all water delivery schedules provided to the Contracting Officer. The Contracting Officer shall also inform all parties to be notified pursuant to this Article 16(a) that, after March 1, 1998, the United States has not and shall not charge the conveyance OM&R cost component, the conveyance pumping OM&R cost component heretofore calculated by the United States pursuant to its ratesetting policies for the Project to Water Delivery Contractors, or Parties Entitled to Utilize or Receive Other Water, except to the extent financial obligations otherwise properly included in such components have been incurred by the United States prior to March 1, 1998, and have not been included as an expense therein under the ratesetting policies for the Project.

(b) All agreements providing for the delivery or conveyance of water through the Project Works entered into, renewed, or amended shall include provisions recognizing the Authority's status as the Operating Non-Federal Entity, and shall require that the non-Federal parties to such agreements timely and properly make all required payments to the Authority. Such new, renewed, or amended agreements shall also include provisions requiring the non-Federal parties to such agreements to simultaneously provide the Authority with copies of all water delivery schedules and water delivery and payment information provided to the Contracting Officer. The Contracting Officer shall also include in all such new, renewed, or amended agreements a provision confirming that the United States shall not charge the conveyance OM&R cost component, or the conveyance pumping OM&R cost component heretofore calculated by the United States pursuant to its ratesetting policies for the Project to Water Delivery Contractors, or Parties Entitled to Utilize or Receive Other Water, except to the extent financial obligations otherwise properly included in such components have been incurred by the United States prior to the Effective Date of this Agreement and have not been included as an expense therein under the ratesetting policies for the Project.

OPINIONS AND DETERMINATIONS

17. (a) Where the terms of this Agreement provide for actions to be based upon the opinion or determination of either Party, said terms shall not be construed as permitting such action to be predicated upon arbitrary, capricious or unreasonable opinions or determinations. The Parties, notwithstanding any other provisions of this Agreement, expressly reserve the right to relief from and appropriate adjustment for any such arbitrary, capricious or unreasonable opinion or determination. Each opinion or determination by either Party shall be provided in a timely manner.

(b) The Contracting Officer shall have the right to make determinations necessary to administer this Agreement that are consistent with the expressed and implied provisions of this Agreement, the laws of the United States and the State of California, and rules and regulations applicable to the Contracting Officer. Such determinations shall be made in consultation with the Authority to the extent reasonably practicable.

CHARGES FOR DELINQUENT PAYMENTS

18. (a) The Authority shall be subject to interest, administrative and penalty charges on delinquent payments. If a payment is not received by the due date, the Authority shall pay an interest charge on the delinquent payment for each day the payment is delinquent beyond the due date. If a payment becomes sixty (60) days delinquent, the Authority shall pay, in addition to the interest charge, an administrative charge to cover to cover additional costs of billing and processing the delinquent payment. If a payment is delinquent ninety (90) days or more, the Authority shall pay, in addition to the interest and administrative charges, a penalty charge for each day the payment is delinquent beyond the due date, based on the remaining balance of the payment due at the rate of six (6) percent per year. The Authority shall also pay any fees incurred for debt collection services associated with a delinquent payment.

(b) The interest charge rate shall be the greater of the rate prescribed quarterly in the Federal Register by the Department of the Treasury for application to overdue payments, or the interest rate of 0.5 percent per month. The interest charge rate shall be determined as of the due date and remain fixed for the duration of the delinquent period.

(c) When a partial payment on a delinquent account is received, the amount received shall be applied first, to the penalty, secondly to the administrative charges, third to the accrued interest, and finally to the overdue payment.

CONTAMINATION OR POLLUTION OF FEDERAL PROPERTY

19. (a) The Authority shall not allow contamination or pollution of Federal Project lands, Project waters, or Project works of the United States or administered by the United States and for which the Authority has the responsibility for care, operation, and maintenance by its employees or agents under this Agreement. The Authority shall also take reasonable precautions to prevent such contamination or pollution by third parties.

(b) The Authority shall comply with all applicable Federal, State, and local laws and regulations and Reclamation policies and instructions existing, or hereafter enacted or promulgated, concerning any hazardous material that will be used, produced, transported, stored, released, or disposed of on or in Federal Project lands, Project waters, or Project works.

(c) "Hazardous material" means (1) any substance falling within the definition of "hazardous substance," "pollutant or contaminant," or "hazardous waste" under the

Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. § 9601(14), (29), and (33)); (2) oil, as defined by the Clean Water Act (33 U.S.C. § 1321(a)) and the Oil Pollution Act (33 U.S.C. § 2701(23)); (3) thermal pollution, refuse, garbage, sewage effluent, industrial waste, mine or mill tailings, mineral salts, pesticides, and other solid waste, and (4) any other substance regulated as hazardous or toxic under Federal, State, local or Tribal law.

(d) Upon discovery of any event which may or does result in contamination or pollution of Federal Project lands, Project water, or Project Works, the Authority shall immediately undertake all measures necessary to protect public health and the environment, including measures necessary to contain or abate any such contamination or pollution, and shall report such discovery with full details of the actions taken to the Contracting Officer. Reporting shall be within a reasonable time period but shall not exceed twenty-four (24) hours from the time of discovery if it is an emergency and the first working day following discovery in the event of a non-emergency.

(e) If violation of the provisions of this Article occurs and the Authority does not take immediate corrective action, as determined by the Contracting Officer, the Authority may be subject to remedies imposed by the Contracting Officer, which may include termination of this Agreement in accordance with Article 2(b).

(f) The Authority shall be liable for any response action or corrective measure necessary to protect public health and the environment or to restore Federal Project lands, Project waters, or Project Works that are adversely affected as a result of such violation, and for all costs, penalties or other sanctions that are imposed for violation of any Federal, State, local or Tribal laws and regulations concerning hazardous material. At the discretion of the Contracting Officer, the United States may also terminate this Agreement in accordance with Article 2(b) as a result of such violation.

(g) The Authority shall defend, indemnify, protect and save the United States harmless from and against any costs, expenses, claims, damages, demands, or other liability arising from or relating to Authority's violation of this Article.

(h) Reclamation agrees to provide information necessary for the Authority, using reasonable diligence, to comply with the provisions of this Article.

ASSIGNMENT LIMITED: SUCCESSORS AND ASSIGNS OBLIGATED

20. The provisions of this Agreement shall apply to and bind the successors and assigns of the respective Parties, but no assignment or transfer of this Agreement or any right or interest therein by either Party shall be valid until approved in writing by the other Party.

CONTINGENT ON APPROPRIATION OR ALLOTMENT OF FUNDS

21. The expenditure or advance of any money or the performance of any obligation of the United States under this Agreement shall be contingent upon appropriation or allotment of funds. Absence of appropriation or allotment of funds shall not relieve the Authority from any

obligations under this Agreement. No liability shall accrue to the United States in case funds are not appropriated or allotted.

OFFICIALS NOT TO BENEFIT

22. No member of or delegate to Congress, Resident Commissioner or official of the Authority shall benefit from this Agreement other than as a water user or landowner in the same manner as other water users or landowners.

CLEAN AIR AND WATER

23. (a) The Authority agrees as follows:

(1) To comply with all the requirements of section 114 of the Clean Air Act, as amended (42 U.S.C. § 7414), and section 308 of the Clean Water Act (33 U.S.C. § 1318), relating to inspection, monitoring, entry, reports, and information, as well as other requirements specified in those sections, and all applicable regulations and guidelines issued thereunder.

(2) That no portion of the work required by this Agreement will be performed in a facility listed on the Environmental Protection Agency List of Violating Facilities on the Effective Date unless and until the Environmental Protection Agency eliminates the name of such facility or facilities from such listing.

(3) To use its best efforts to comply with clean air standards and clean water standards at the facility where the Agreement work is being performed.

(4) To insert the substance of the provisions of this Article into any nonexempt subcontract, including this subparagraph (a)(4).

(b) The following definitions apply for purposes of this Article:

(1) The term "Clean Air Act" means the Act enacted by Pub. L. 88-206 of Dec. 17, 1963, and amendments thereto, as codified at 42 U.S.C. § 7401, et seq.

(2) The term "Clean Water Act" means the Act enacted by Pub. L. 92-500 of Oct. 18, 1972, and amendments thereto, as codified at 33 U.S.C. § 1251, et seq.

(3) The term "clean air standards" refers to all enforceable rules, regulations, guidelines, standards, limitations, orders, controls, prohibitions, and other requirements which are contained in, issued under, or otherwise adopted pursuant to the Clean Air Act or Executive Order 11738, an applicable implementation plan as described in section 110 of the Clean Air Act (42 U.S.C. § 7410), an approved implementation procedure or plan under subsection 111(c) or subsection 111(d) of the Clean Air Act (42 U.S.C. § 7411(c) or (d)), or an approved implementation procedure under subsection 112(d) of the Clean Air Act (42 U.S.C. § 7412(d)).

(4) The term "clean water standards" refers to all enforceable

limitations, controls, conditions, prohibitions, standards, and other requirements which are promulgated pursuant to the Clean Water Act or contained in a permit issued to a discharger by the Environmental Protection Agency or by a state under an approved program, as authorized by section 402 of the Clean Water Act (33 U.S.C. § 1342), or by local government to ensure compliance with pretreatment regulations as required by section 307 of the Clean Water Act (33 U.S.C. § 1317).

(5) The term "comply" refers to compliance with clean air or water standards. It also refers to compliance with a schedule or plan ordered or approved by a court of competent jurisdiction, the Environmental Protection Agency, or an air or water pollution control agency in accordance with the requirements of the Clean Air Act or Clean Water Act and regulations issued pursuant thereto.

(6) The term "facility" means any building, plant, installation, structure, mine, vessel or other floating craft, location, or site of operations owned, leased, or supervised by a contractor or subcontractor to be utilized in the performance of a contract or subcontract. Where a location or site of operations contains or includes more than one building, plant, installation, or structure, the entire location or site shall be deemed to be a facility except where the Director, Office of Federal Activities, Environmental Protection Agency, determines that independent facilities are collocated in one geographical area.

COMPLIANCE WITH CIVIL RIGHTS LAWS AND REGULATIONS

24. (a) The Authority shall comply with Title VI of the Civil Rights Act of 1964 (Pub. L. 88-352; 42 U.S.C. § 2000d), the Rehabilitation Act of 1975 (Pub. L. 93-112, Title V, as amended; 29 U.S.C. §791, et. Seq.), the Age Discrimination Act of 1975 (Pub. L. 94-135, Title III; 42 U.S.C. § 6101, et seq.), Title III of the Americans with Disabilities Act of 1990 (Pub. L. 101-336; 42 U.S.C. § 12181, et seq.), and any other applicable civil rights laws, and with the applicable implementing regulations and any guidelines imposed by the U.S. Department of the Interior and/or Bureau of Reclamation.

(b) These statutes prohibit any person in the United States from being excluded from participation in, being denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving financial assistance from the Bureau of Reclamation on the grounds of race, color, national origin, disability, or age. By executing this Agreement, the Authority agrees to immediately take any measures necessary to implement this obligation, including permitting officials of the United States to inspect premises, programs and documents.

(c) The Authority makes this Agreement in consideration of and for the purpose of obtaining any and all Federal grants, loans, contracts, property discounts or other Federal financial assistance extended after the date hereof to the Authority by the Bureau of Reclamation, including installment payments after such date on account of arrangements for Federal financial assistance which were approved before such date. The Authority recognizes and agrees that such Federal assistance will be extended in reliance on the representations and agreements made in this Article, and that the United States reserves the right to seek judicial enforcement thereof.

(d) Complaints of discrimination against the Authority shall be investigated by the Contracting Officer's Office of Civil Rights.

EQUAL OPPORTUNITY

25. During the performance of this Agreement, the Authority agrees as follows:

(a) The Authority will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The Authority will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Authority agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Contracting Officer setting forth the provisions of this nondiscrimination clause.

(b) The Authority will, in all solicitations or advertisements for employees placed by or on behalf of the Authority, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

(c) The Authority will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the Authority's legal duty to furnish information.

(d) The Authority will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency Contracting Officer, advising the labor union or workers' representative of the Authority's commitments under Section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(e) The Authority will comply with all provisions of Executive Order No. 11246 of September 24, 1965, and of the rules regulations and relevant orders of the Secretary of Labor.

(f) The Authority will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations and orders of

the Secretary of Labor, or pursuant thereto, and will permit access to his books, records and accounts by the Contracting Agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations and orders.

(g) In the event of the Authority's noncompliance with the nondiscrimination clauses of this Agreement or with any of the said rules, regulations or orders, this Agreement may be canceled, terminated or suspended, in whole or in part and the Authority may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(h) The Authority will include the provisions of paragraphs (a) through (h) in every subcontract or purchase order unless exempted by the rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of said Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Authority will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions, including sanctions for noncompliance: ***Provided, however***, that in the event the Authority becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the Authority may request the United States to enter into such litigation to protect the interests of the United States.

NOTICES

26. (a) Any notice, demand, or request authorized or required by this Agreement shall be deemed to have been given, on behalf of the Authority, when mailed, postage prepaid, or delivered to the Area Manager, South-Central California Area Office, 1243 N Street, Fresno, California 93721, Bureau of Reclamation, and on behalf of the United States, when mailed, postage prepaid, or delivered to the Chief Operating Officer of the Friant Water Authority, 854 North Harvard Avenue, Lindsay, CA 93247-1715. The designation of the addressee or the address may be changed by notice given in the same manner as provided in this Article for other notices.

(b) This Article 26 shall not preclude the effective service of such notice by other means.

MODIFICATIONS

27. Each Party reserves the right to propose modifications to this Agreement at any time while it is in effect. If either Party proposes any such modifications, the Parties shall promptly attempt to negotiate in good faith an amendatory Agreement to accommodate the proposed modifications.

OMITTED

28. [Intentionally Omitted.]

CHANGES IN AUTHORITY'S ORGANIZATION

29. While this Agreement is in effect, no change may be made in the Authority's organization, by inclusion or exclusion of lands or by any other changes, which may affect the respective rights, obligations, privileges, and duties of either the United States or the Authority under this Agreement including, but not limited to, dissolution, consolidation, or merger, except upon the Contracting Officer's written consent.

PROTECTION OF WATER AND AIR QUALITY

30. (a) The Authority, without expense to the United States, will perform the OM&R of the Project Works in a manner that preserves the quality of the water at the highest feasible level as determined by the Contracting Officer.

(b) The United States will perform the OM&R of reserved works in a manner that preserves the quality of the water at the highest feasible level as determined by the Contracting Officer. The United States does not warrant the quality of the water delivered to the Water Delivery Contractors and Parties Entitled to Utilize or Receive Other Water and is under no obligation to furnish or construct water treatment facilities to maintain or improve the quality of water delivered to the Water Delivery Contractors and Parties Entitled to Utilize or Receive Other Water.

(c) The Authority will comply with all applicable water and air pollution laws and regulations of the United States and the State of California; and will obtain all required permits or licenses from the appropriate Federal, State, or local authorities necessary for the delivery of water by the Authority; and will be responsible for compliance with all Federal, State, and local water quality standards applicable to surface and subsurface drainage and/or discharges generated through the use of Federal facilities or Project Water provided by the Authority within its Project Water service area.

(d) This Article will not affect or alter any legal obligations of the Secretary to provide drainage or other discharge services.

RELOCATION ASSISTANCE AND REAL PROPERTY ACQUISITION

31. When acquiring land or an interest in land and relocating persons or personal property in connection with the construction, operation, and maintenance of Project Works, the Authority shall comply with the provisions of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Pub. L. 91-646; 84 Stat. 1894; 42 U.S.C. § 4601, et seq.) and Department of Transportation regulations at 49 C.F.R. part 24.

PEST MANAGEMENT

32. (a) The Authority is responsible for complying with applicable Federal, State,

and local laws, rules, and regulations related to pest management in performing its responsibilities under this Agreement.

(b) The Authority is responsible for effectively avoiding the introduction and spread of, and for otherwise controlling, undesirable plants and animals, as defined by the Contracting Officer, on or in Federal Project lands, Federal Project waters, and Federal Project works for which and to the extent that the Authority has operation and maintenance responsibility. The Authority is responsible for exercising the level of precaution necessary in meeting this responsibility, including inspecting its vehicles, watercraft, and equipment for reproductive and vegetative parts, foreign soil, mud or other debris that may cause the spread of weeds, invasive species and other pests, and removing such materials before moving its vehicles, watercraft, and equipment onto any Federal land, into any Federal Project facility waters, or out of any area on Federal Project land where work is performed.

(c) Where decontamination of the Authority's vehicles, watercraft, or equipment is required prior to entering Federal Project land or waters, the decontamination shall be performed by the Authority at the point of prior use, or at an approved offsite facility able to process generated cleaning wastes, pursuant to applicable laws, rules, and regulations. Upon the completion of work, the Authority will perform any required decontamination within the work area before moving the vehicles, watercraft, and equipment from Federal Project lands and waters.

(d) Programs for the control of undesirable plants and animals on Federal Project lands, and in Federal Project waters and Federal Project works for which the Authority has operation and maintenance responsibility will incorporate Integrated Pest Management (IPM) concepts and practices. IPM refers to a systematic and environmentally compatible program to maintain pest populations within economically and environmentally tolerable levels. In implementing an IPM program, the Authority will adhere to applicable Federal and State laws and regulations and Department of the Interior and Bureau of Reclamation policies, directives, guidelines, and manuals, including but not limited to, the Department of the Interior Manual, Part 517 *Integrated Pest Management Policy* and Part 609 *Weed Control Program*, the Plant Protection Act of June 20, 2000 (Pub. L. 106-224), and Executive Order 13112 of February 3, 1999.

MEDIUM FOR TRANSMITTING PAYMENTS

33. (a) All payments from the Authority to the United States under this Agreement shall be by the medium requested by the United States on or before the date payment is due. The required method of payment may include checks, wire transfers, or other types of payment specified by the United States.

(b) Upon execution of the Agreement, the Authority shall furnish the Contracting Officer with the Authority's taxpayer's identification number (TIN). The purpose for requiring the Authority's TIN is for collecting and reporting any delinquent amounts arising out of the Authority's relationship with the United States.

SUSTAINABLE OPERATION AND MAINTENANCE

34. The Authority shall comply with Section Two (2) of Executive Order 13834 "*Regarding Efficient Federal Operations*". Implementation of this Executive Order as it applies to this Agreement is provided in Exhibit C to this Agreement.

COOPERATION/MUTUAL AID

35. (a) In situations which the Contracting Officer and the Authority determine to be emergencies or other extraordinary circumstances affecting the Project, including without limitation, the Project Works, either the Contracting Officer or the Authority may request the other to furnish personnel, materials, tools, equipment, or other resources. The Party so requested shall immediately cooperate with the other and render such assistance as the Party so requested determines to be available. Unless otherwise agreed, the Party making the request, within sixty (60) days of receipt of properly itemized bills from the other Party, shall reimburse the Party rendering such assistance for all costs properly and reasonably incurred by it in such performance. Such costs shall be determined on the basis of current charges or rates charged by the Party rendering the assistance.

(b) In instances in which the total costs of responding to emergencies or other extraordinary circumstances, whether due to a single event or condition or to multiple events or conditions, exceed or substantially deplete the Authority's minimum reserve fund established pursuant to Article 14(b), the Contracting Officer agrees to cooperate with the Authority (1) to promptly identify sources of funding, including but not limited to, sources available from or to the United States; (2) to allocate responsibility for paying the costs of responding to such emergencies or other extraordinary circumstances, including but not limited to by determining Capital Improvements under Article 5(a); and (3) to develop a timetable for repayment of such

costs that are provided by the United States and are allocated to the Authority.

AGREEMENT DRAFTING CONSIDERATIONS

36. This Agreement has been negotiated and reviewed by the Parties hereto, each of whom is sophisticated in the matters to which this Agreement pertains. Articles 1 through 36 of this Agreement have been drafted, negotiated, and reviewed by the Parties, and no one Party shall be considered to have drafted the stated Articles.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By: _____
Regional Director
Interior Region 10: California-Great Basin
Bureau of Reclamation

FRIANT WATER AUTHORITY

(SEAL)

By: _____
Chair, Board of Directors

Attest:

_____
Secretary

BOR Exhibit #6
Draft 07-29-2020

Draft Contract No. 8-07-20-X0356-X

EXHIBIT A

LIST OF PROJECT WORKS

Friant Water Authority

Friant-Kern Canal from Station 6+10.00 (Milepost 0.11) to Station 8183+94.11 (Milepost 152.13), including all right-of-way and all associated facilities as outlined in the following Section 5.2.25 of the Performance Work Statement, dated January 21, 1986 and the following Structures List*.

Specifically:

Offices, buildings and property at 854 N Harvard Avenue, Lindsay, CA 93247

Offices, buildings, and property at 860 Second Street, Orange Cove, CA 93646

Offices, buildings and property at 332 Norwalk Street, Delano, CA 93215

Residence and storage yards at Kings River, FKC MP 28.53- 19553 E Trimmer Springs

Sanger, CA 93657

Residence and storage yards at Kaweah River, FKC MP 71.29- 21159 Ave 322

Woodlake, CA 93286

Residence and storage yards at Tule River, FKC MP 95.59- 21799 Ave 160

Porterville, CA 93257

Remote storage yard at Friant, CA as outlined in section 5.2.25.4-part 1.A.

Remote storage yard at Lake Woollomes – FKC MP 121.54

*The following Structures List is incorporated into this Exhibit A. The Structures List includes utility lines, poles, bridges, and right-of-way that are the responsibility of the specific commercial utility company, state, or local public agency as appropriate.

EXHIBIT A

LIST OF PROJECT WORKS

Friant Water Authority

(Section 5.2.25 - Performance Work Statement)

Operating and Maintenance Buildings, Residences and Storage

5.2.25.1 Residences

There are three Government residences on the Friant-Kern Canal. The residences are wood frame constructed on concrete foundations in accordance with the plans, elevations, and details shown on the drawings listed. Each house is equipped with complete and operative domestic water wells, plumbing, electrical, cooling, and heating.

5.2.25.2 The residences are located at the following locations along the Friant-Kern Canal as listed:

1. One 3-bedroom residence at Kings River, Friant-Kern Canal Milepost 28.53, Station 1596+52.34, Trimmer Springs Road and Kings River, Fresno County, California, Specifications No. 200C-137.
2. One 3-bedroon residence at Kaweah River, Milepost 71.29, Station 3876+26.60, Avenue 322 and State Highway 69, Tulare County, California, Specifications No. 200C-137.
3. One 3-bedroom residence at Tulare River, Milepost 95.59, Station 5158+52, located between Avenue 160 (Henderson Road) and Avenue 152 (Olive Road) Tulare County, California, Specifications No. 200C-137.

5.2.25.3 Field Office Headquarters Buildings

There are several field office headquarters buildings in the Fresno Office (CVP). The three office buildings are:

1. Operation and Maintenance Headquarters at Orange Cove, California, Fresno County. The office building is a 28-foot by 40-foot prefabricated metal building complete with partitions, concrete slab floor, plumbing, electrical installation, and heating and cooling facilities. See Specifications No. 200C-270.
2. Office building at Lindsay, 32-foot by 203-foot, located at Lindsay, California, Tulare County. The building is constructed of sheathed wood frame construction under bevel siding. Interior walls and ceilings are gypsum wallboard construction with taped joints. The building is complete with plumbing, electrical wiring and fixtures, heating and air conditioning. See Specifications No. R2-92.
3. Operation and Maintenance Headquarters at Delano, California, Kern County. The Office is a 28-foot by 49-foot prefabricated metal building complete with partitions, plumbing, electrical installation, and heating and air-conditioning system. See Specifications No. 200C-401.

5.2.25.4 Operations and Maintenance Buildings and Yards

These types of O&M buildings may be constructed of wood frame, steel frame covered with steel, and aluminum sheeting, concrete block, and electrical installation.

1. Friant Dam Area (Facilities to be determined for takeover at negotiations)
    a. Upper bone yard – 35,860 sq. ft.
2. Orange Cove Field Branch, Orange Cove, California
    a. Warehouse equipment building – 4,000 sq. ft.
    b. Heavy equipment building – 3,840 sq. ft.
    c. Storage paint building – 320 sq. ft.
    d. Chemical storage area – 400 sq. ft.
    e. Two fuel islands – 200 sq. ft. each (400 sq. ft.)
    f. Equipment shelter – 400 sq. ft.
    g. Orange Cove storage area – 21,461 sq. ft.
3. Lindsay Field Section, Lindsay, California
    a. Garage – 7,230 sq. ft.
    b. Warehouse – 4,000 sq. ft.
    c. Storage garage – 8,000 sq. ft.
    d. Paint shed – 304 sq. ft.
    e. Lindsay yard – 19,364 sq. ft.
    f. Tulare River yard – 24,250 sq. ft.
    g. Fuel island – 200 sq. ft.
4. Delano Field Branch, Delano, California
    a. Warehouse – 4,000 sq. ft.
    b. Car stalls – 5,380 sq. ft.
    c. Garage – 4,800 sq. ft.
    d. Maintenance – 960 sq. ft.
    e. Yard – 47,250 sq. ft.
    f. Reservoir storage – 10,000 sq. ft.
    g. Fuel island – 200 sq. ft.

EXHIBIT A

LIST OF PROJECT WORKS

(Structures List)

Friant Water Authority

Milepost	Station	Design Invert	Location	Description	Type	Size	Misc. Notes
0.00	0+44.67			Axis of Dam			(T.11S., R.21E.)
0.03	1+70.42			Power Line Crossing	Pole	12 KV	Friant Power Authority Hydro-Electric Power Plants
0.08	4+18.02			Wave Dampener			
0.10	5+41.00		Right	Gutter Drain		18"	
0.11	6+10.00	451.37		Begin Lined Section	Conc	36'	Lined Section #1
0.14				Power Line Crossing	Pole	70 KV	
0.15	8+85.00	451.34	Left	Inlet Drain	CMP	18"	
0.16	8+98.23	451.34		Bridge #FRES-002	Conc	22' Rdwy	H-15, Operating
0.17	9+12.00	451.34	Left	Inlet Drain	CMP	18"	
0.24	13+00.00	451.30	Left	Inlet Drain	CMP	4 - 36"	
0.46	26+08.00	451.17		Power Line Crossing Telephone Crossing	Pole Line	12 KV	PG&E - 3 Wire 2 Wire
0.47			Left	Inlet Drain	CMP	18"	
0.48	26+12.36	451.17		Bridge #42CO254	Conc	24' Rdwy	Millerton Road, H-15, County

0.48	27+02.95	451.17		CVP Sign			Single
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
0.55	29+93.00	451.13	Left	Inlet Drain	CMP	18"	
0.62	33+37.00	451.10	Left	Inlet Drain	CMP	18"	
0.62				Ladder	Steel		
0.74	39+49.00	451.04	Left	Inlet Drain	CMP	3 - 24"	
0.77				Ladder	Steel		
0.87				Ladder	Steel		
0.97	51+00.00	450.93	Left	Begin O&M Road			
0.98	51+43.00	450.92	Left	Inlet Drain	CMP	18"	
1.00				Ladder	Steel		
1.03	55+00.00	450.88	Left	Inlet Drain	CMP	30"	
1.11	59+58.00	450.82	Left	Inlet Drain	CMP	18"	
1.11				Ladder	Steel		
1.23	65+29.00	450.78	Left	Inlet Drain	CMP	18"	
1.26				Ladder	Steel		
1.37	73+56.00	450.70		Underdrain	Conc	2.5' x 2.5'	Bigelow Spring Crossing
1.37				Ladder	Steel		
1.48	77+72.00	450.65	Left	Inlet Drain	CMP	18"	
1.55				Ladder	Steel		
1.58	85+09.00	450.59	Left	Inlet Drain	CMP	18"	
1.68				Ladder	Steel		
1.78	94+50.00	450.43		Bridge #FRES-003	Conc	16' Rdwy	H-20, Farm
1.82	97+50.00	450.46		Underdrain	Conc	3.0' x 3.0'	
1.82				Ladder	Steel		
1.84	98+57.00	450.45		Bridge	Conc	4'	Measuring
1.84	98+57.00	450.45		Utility Pole		30'	Antenna
1.84	98+57.00	450.45		Water Elevation Recorder			
1.84	98+57.00	450.45	D/S	Recorder House	Conc	10' x 10'	
1.90				Ladder	Steel		

1.98	105+96.00	450.38	Left	Inlet Drain	CMP	18"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
2.00				Ladder	Steel		
2.10				High Cut			Beginning of High Cut
2.10				Guard Rail			Beginning of Guard Rail for Vehicle Safety
2.30				Ladder	Steel		
2.40				Ladder	Steel		
2.45				High Cut			End of High Cut
2.45				Guard Rail			End of Guard Rail
2.50				Ladder	Steel		
2.65				Ladder	Steel		
2.70				Ladder	Steel		
2.72	145+00.00	449.98		Bridge #FRES-004	Conc	16' Rdwy	H-20, Farm
2.85				Ladder	Steel		
2.87	152+96.50	449.90		Underdrain	Conc	2 - 4.5' x 4.5'	
2.98				Ladder	Steel		
3.02	167+75.78	449.83		Underdrain	Conc	3.5' x 3.5'	
3.10				Ladder	Steel		
3.23				Ladder	Steel		
3.36				Ladder	Steel		
3.46				Ladder	Steel		
3.49	195+40.00	449.58		Underdrain	Conc	3.0' x 3.0'	
3.63				Ladder	Steel		
3.76				Ladder	Steel		
3.81	212+00.00	449.41	Left	Inlet Drain	CMP / w flap vlvs	24"	
3.83				Ladder	Steel		
4.00	222+25.00	449.31	Left	Inlet Drain	CMP	24"	
4.00				Ladder	Steel		

4.05				Inlet Drain	PVC	3"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
4.11	228+74.25	449.24	U/S	Cattle Guard	Rails	8' x 18'	
4.12	228+74.65	449.24		Bridge #FRES-005	Conc	16' Rdwy	HS-20, Farm
4.12				Ladder	Steel		
4.13	228+75.05	449.24	D/S	Cattle Guard	Rails	8' x 18'	
4.17	231+40.00	449.22	Left	Inlet Drain	CMP	24"	
4.25				Ladder	Steel		
4.28	236+95.00	449.16	Left	Inlet Drain	CMP	18"	
4.38	242+30.00			Power Line Crossing	Steel Tower	12 Lines / 230 KV	PG&E 2 OHG / Helms-Greg
4.38				Ladder	Steel		
4.47				Ladder	Steel		
4.57	252+46.00	449.01	Left	Inlet Drain	CMP	18"	
4.59				Ladder	Steel		
4.72				Ladder	Steel		
4.76	262+50.00	448.91	Left	Inlet Drain	CMP	2 - 21"	
4.86				Ladder	Steel		
4.88	268+83.00	448.84	Left	Inlet Drain	CMP	2 - 21"	
5.01				Ladder	Steel		
5.04	277+60.00	448.75	Left	Inlet Drain	CMP	24"	
5.13	282+30.00	448.70	U/S	Cattle Guard	Rails	8' x 18'	
5.14	282+70.00	448.70		Bridge #FRES-006	Conc	16' Rdwy	H-20, Operating
5.15	283+10.00	448.70	D/S	Cattle Guard	Rails	8' x 18'	
5.16	283+65.00	448.69	Left	Inlet Drain	CMP	2 - 30"	
5.16	283+65.00	448.69		Power Line Crossing	Steel Tower	12 Lines / 230 KV	PG&E 2 OHG / Helms-Greg
5.30				Ladder	Steel		
5.35				Inlet Drain	CMP	8"	
5.35				High Cut			Beginning of High Cut
5.35				Guard Rail			Beginning of Guard Rail

Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
5.43	298+00.00	448.55	Left	Recorder House	Conc	10' x 10'	SCADA Electronic Equip. Radio Comm Equip. Stevens A-35 Recorder Radio Check Alarm, Littleman Auto Control Littleman, Pole and 2 Antennas (30')
5.44				Ladder	Steel		
5.44	298+66.00	448.54	Left	Waste Way	Radial Gates	2 - 16'-0" x 17'-3"	Little Dry Creek
5.46	299+84.00	448.53		Telephone Crossing Power Line Crossing to Gun Club	Pole Line	2 - Wire 2 - Wire 4 KV	PG&E (Joint Pole Crossing - Skewed)
5.49				Ladder	Steel		
5.49	301+60.00	448.51		Bypass	Conc	20'	Little Dry Creek
5.49				Guard Rail			End of Guard Rail
5.49				High Cut			End of High Cut
5.49	301+60.00	448.51		Float Line			Safety
5.49	301+60.00	448.51		Siphon Inlet Transition	Conc		Inlet Transition - Little Dry Creek
5.50	301+96.00	448.51		Equipment			SCADA & Electrical Panel
5.50	301+96.00	448.51		Check	Radial Gates	3 - 16'-0" x 17'-3"	Little Dry Creek
5.50	301+96.00	448.51		Utility Pole	440 Volt	35'	Service
5.51	302+22.00	447.01	U/S	Siphon Barrel	Conc Bbl	22'-0"	Little Dry Creek, Inlet
5.51	302+22.00	447.01		Chain Link Fence		5'	On Inlet Headwall
5.59				Creek			Little Dry Creek
5.59	306+28.60			Underdrain	CMP	4 - 36"	Little Dry Creek Bridge Crossing

5.59	306+28.60			Roadway			
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
5.60	306+80.00			Power Line Crossing	Steel Tower	12 Lines / 230 KV	PG&E / Helms-Greg
5.61				Historical Leak	PVC	4"	Under Auberry Road Measuring Station and Stairs
5.62	308+20.00			Roadway	Asphalt Road	50' R/W	Auberry Road
5.62	308+20.00			Power Line Crossing	Pole Line	12 KV	
5.62	308+20.00			CVP Sign			Single Sided
5.66	310+37.87	437.62	D/S	Siphon Barrel	Conc Bbl	22'-0"	
5.66	310+37.87	437.62		Chain Link Fence		5'	On Outlet Headwall
5.68	311+27.87	446.24		Siphon Outlet Transition	Conc	36'	Outlet Transition - Little Dry Creek
5.78	316+16.00	446.19		Power Line Crossing	Pole Line	12 KV	PG&E
5.87				Ladder	Steel		
5.89	322+50.00	446.13	Left	Inlet Drain	CMP	2 - 30"	
5.93				Ladder	Steel		
5.96				Guard Rail			
6.00	328+66.00	446.07	Left	Inlet Drain	CMP	18"	
6.01				Utility Pole	220 / 1 phase		Downstream Recorder House
6.02	329+16.00	446.06		Equipment			SCADA Radio Antenna
6.02	329+16.00	446.06	D/S	Recorder House	Conc	6' x 8'	For Little Dry Creek Check
6.02				Ladder	Steel		
6.02			Left	Staff Gauge			
6.15	336+35.00	445.99	Left	Inlet Drain	CMP	2 - 18"	
6.15				Ladder	Steel		
6.23	340+43.00	445.95	Left	Inlet Drain	CMP	18"	

6.26				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
6.39				Ladder	Steel		
6.40	355+77.00	445.86		Underdrain	Conc	5.0' x 4.0'	
6.50				Ladder	Steel		
6.53	363+40.00	445.79	U/S	Cattle Guard	Rails	8' x 18'	
6.54	364+00.00	445.79		Bridge #FRES-007	Conc	16' Rdwy	HS-20, Farm
6.55	364+40.00	445.79	D/S	Cattle Guard	Rails	8' x 18'	
6.58	365+07.50	445.77	Left	Inlet Drain	CMP	2 - 18"	
6.60				Ladder	Steel		
6.70				Ladder	Steel		
6.81				Ladder	Steel		
6.83	378+73.00	445.63	Left	Inlet Drain	CMP	2 - 21"	
6.84				High Cut			Beginning of High Cut
6.84			Both	Guard Rail			Beginning of Guard Rail
6.86	380+28.00			Power Line Crossing	Pole Line	70 KV	PG&E
6.91				Ladder	Steel		
7.05				Ladder	Steel		
7.19				Ladder	Steel		(T.11S., R.21E.)
7.30				Guard Rail			End of Guard Rail (T.12S., R.21E.)
7.30				High Cut			End of High Cut
7.32	404+60.00	445.37	U/S	Cattle Guard	Rails	8' x 18'	
7.33	405+00.00	445.37		Bridge #FRES-008	Conc	16' Rdwy	H-20, Farm
7.34	405+40.00	445.37	D/S	Cattle Guard	Rails	8' x 18'	
7.40	409+95.00	445.31		Underdrain	Conc.	3.0' x 3.0'	
7.43				Ladder	Steel		
7.57	418+92.00	445.24	Right	Turnout	Conc Pipe	21" & 30"	Garfield Irrigation District
7.57	418+92.00	445.24		Recorder House	Conc Block	10' x 10'	

Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
7.57				Utility Pole			Garfield Irrigation District
7.57				Sump Pump			Op Side Seepage Well
7.58	419+17.00	445.24		Power Line Crossing	Pole Line	440 V	PG&E
7.59	419+49.72	445.24	Right	Turnout	Conc Pipe	5.0' x 5.0'	City of Fresno Raw Water Pipeline
7.59				Ladder	Steel		
7.65				Ladder	Steel		
7.90				Ladder	Steel		
7.93	438+26.00	445.03		Underdrain	Conc	2.5' x 2.5'	
7.96	439+90.00	445.03	U/S	Cattle Guard	Rails	8' x 18'	
7.97	440+30.00	445.03		Bridge #FRES-009	Conc	16' Rdwy	H-20, Farm
7.98	440+70.00	445.03	D/S	Cattle Guard	Rails	8' x 18'	
8.00				Ladder	Steel		
8.15				Ladder	Steel		
8.28				Ladder	Steel		
8.32	458+85.00	444.82		Underdrain	Conc	2 - 4.0' x 4.0'	
8.38				Ladder	Steel		
8.45	465+35.00	444.76		Power Line Crossing	Pole Line	70 KV	PG&E
8.52				Ladder	Steel		
8.64				Ladder	Steel		
8.64	485+50.00	444.68	Left	Inlet Drain	CMP	18"	
8.75	491+48.00	444.62	Left	Inlet Drain	CMP	18"	
8.85				Ladder	Steel		
9.00				Ladder	Steel		
9.06	510+23.56	444.45		Power Line Crossing	Steel Tower	110 KV	PG&E 3-Wire
9.07	510+88.00	444.42		Underdrain	Conc	2.5' x 2.5'	

9.10				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
9.18	516+75.00	444.39	Left	Inlet Drain	CMP	18"	
9.20				Ladder	Steel		
9.20				High Cut			Beginning of High Cut
9.20				Guard Rail			Beginning of Guard Rail
9.33	524+44.00	444.31	Left	Inlet Drain	CMP	18"	
9.34				Ladder	Steel		
9.35				Power Line Crossing		115 KV	PG&E
9.35	525+53.00	444.30	Right	Road Drain	CMP	10"	
9.46				Ladder	Steel		
9.51				Guard Rail			End of Guard Rail
9.51				High Cut			End of High Cut
9.55				Ladder	Steel		
9.65	543+00.00	444.10		Overchute	Conc	5.0' x 4.0'	2 - 18" CMP @ Inlet, Natural Wash
9.78	548+37.00	444.07	U/S	Cattle Guard	Rails	8' x 18'	
9.79	548+75.00	444.07		Bridge #FRES-010	Conc	16' Rdwy	H-20, Farm
9.80	549+39.00	444.07		Ladder	Steel		
9.81	549+64.00	444.07	D/S	Cattle Guard	Rails	8' x 18'	
9.89	553+77.00	444.02	Left	Inlet Drain	CMP	18"	
9.91				Ladder	Steel		
10.05				Ladder	Steel		
10.08	564+25.00	443.92	Left	Inlet Drain	CMP / w flap vlvs	24"	
10.15				Ladder	Steel		
10.35				Ladder	Steel		
10.42	583+27.00	443.74	Left	Inlet Drain	CMP / w flap vlvs	3 - 24"	
10.44	584+85.00	443.72	Left	Cattle Guard	Rails	8' x 18'	
10.45	585+25.00	443.72		Bridge #FRES-011	Conc	16' Rdwy	HS-20, Farm

10.46	585+65.00	443.72	Left	Cattle Guard	Rails	8' x 18'	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
10.48				Ladder	Steel		
10.80	603+26.00	443.55	Left	Inlet Drain	CMP / w flap vlvs	21"	
10.82				Ladder	Steel		
10.92				Ladder	Steel		
11.10	619+25.00	443.32		Underdrain	Conc	3.0' x 3.0'	
11.15				Ladder	Steel		
11.25				Ladder	Steel		
11.35				Ladder	Steel		
11.39	636+50.00	443.22	Left	Inlet Drain	CMP	24"	
11.45				Ladder	Steel		
11.54	644+90.00	443.08		Underdrain	Conc	3.0' x 3.0'	
11.60				Ladder	Steel		
11.72				Ladder	Steel		
11.80	660+38.00	442.93		Underdrain	Conc	2 - 6.0' x 5.0'	(T.12S., R.21E.)
11.83				Ladder	Steel		(T.12S., R.22E.)
11.92				Ladder	Steel		
12.02				Ladder	Steel		
12.05				Ladder	Steel		
12.12				Ladder	Steel		
12.38	689+60.00	442.63		Underdrain	Conc	3.5' x 3.5'	
12.45				Ladder	Steel		
12.53				Ladder	Steel		
12.57	699+94.00	442.60	Left	Inlet Drain	CMP	18"	
12.63				Ladder	Steel		
12.74				Ladder	Steel		
12.75	709+70.50	442.50	Left	Inlet Drain	CMP	18"	
12.87				Ladder	Steel		

12.94				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
13.02	723+82.00	442.34	Left	Inlet Drain	CMP	2 - 18"	
13.06				High Cut			Beginning of High Cut
13.06				Guard Rail	Steel		Beginning of Guard Rail
13.21				Guard Rail	Steel		End of Guard Rail
13.21				High Cut			End of High Cut
13.24	733+60.00	442.25		Bridge #FRES-012	Conc	16' Rdwy	H-20, Farm
13.24	733+60.00	442.25	D/S	Pipe Crossing	Steel	6"	1983 Book indicates Chain Link Fence and 6" pipe (Water)
13.25				Ladder	Steel		
13.29	736+25.00	442.22	Left	Inlet Drain	CMP / w flap vlvs	18"	
13.37				Ladder	Steel		
13.40	742+08.00	442.16	Left	Inlet Drain	CMP	2 - 18"	
13.50				Ladder	Steel		
13.53	760+62.50	442.10	Left	Inlet Drain	CMP	18"	
13.56	762+09.00	442.07		Power Line Crossing	Pole Line	12 KV	PG&E 3-Wire
13.63				Ladder	Steel		
13.72	770+76.00	442.00		Power Line Crossing	Pole Line	60 KV	PG&E 3-Wire
13.78				Ladder	Steel		
13.87	780+20.00	441.82		Underdrain	Conc	2 - 3.0' x 3.0'	
13.88				Ladder	Steel		
13.99				Ladder	Steel		
14.00	787+00.00	441.84		Bridge #FRES-013	Conc	24' Rdwy	H-20, Farm
14.10				Ladder	Steel		
14.42				Ladder	Steel		
14.50				Ladder	Steel		
14.56	817+29.13	441.54	U/S	Cattle Guard	Rails	8' x 18'	

14.57	817+79.63	441.51	U/S	Float Line			Safety
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
14.57	817+79.63	441.44	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Big Dry Creek
14.58	818+24.63	441.44	U/S	Siphon	Conc Bbl	5 - 12' x 12'-4"	Big Dry Creek, Inlet
14.58	818+24.63	441.44	U/S	Chain Link Fence		5'	On Inlet Headwall
14.63	820+90.48	441.05	D/S	Chain Link Fence		5'	On Outlet Headwall
14.63	820+90.48	441.05	D/S	Siphon	Conc Bbl	5 - 12' x 12'-4"	Big Dry Creek, Outlet
14.64	821+35.48	441.05	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Big Dry Creek
14.66	822+65.09	441.05	D/S	Cattle Guard	Rails	8' x 18'	
14.74				Ladder	Steel		
14.80	829+85.30	440.97		Turnout	Steel Pipe	6"	Dog Creek W. D. Abandoned Since 1985
14.81	830+71.00	440.96		Power Line Crossing	Steel Tower	110 KV	So. Calif. Edison
14.91	835+55.00	440.90	Left	Inlet Drain	CMP / w flap vlvs	18"	
14.92	835+94.04	440.90		CVP Sign	Single		
14.92	835+97.00	440.90		Bridge #420002	Conc	36' Rdwy	H-20 / S-16, State Hwy 168, Tollhouse Road
14.93	836+21.00			Power Line Crossing	Pole Line	70 KV	PG&E 6-Wire
14.93	836+21.00			CVP Sign	Single		
14.94				Ladder	Steel		
14.94	836+95.00	440.89	Right	Turnout	Conc	18"	International Water District
15.05				Ladder	Steel		
15.22	852+10.00	440.74	U/S	Cattle Guard	Rails	8' x 18'	
15.23	852+50.00	440.74		Bridge #FRES-014	Conc	16' Rdwy	H-20, Farm

15.24	852+90.00	440.74	D/S	Cattle Guard	Rails	8' x 18'	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
15.24			Right	Turnout	Steel	10"	Fresno I. D. #1
15.28			Left	Turnout	Steel	10"	Fresno I. D. #2 (Bauer)
15.40				Ladder	Steel		
15.49	866+10.00	440.60		Underdrain	Conc Steel	2 - 6.0' x 5.0' w / 8" Pipe	1983 Book indicates pipe is located inside Culvert U/S Dog Creek Irrigation Pipe
15.62				Ladder	Steel		
15.75				Ladder	Steel		
15.79	877+31.00	440.46	Left	Inlet Drain	CMP / w flap vlvs	18"	
15.80				Ladder	Steel		
15.83	880+75.00	440.42		Bridge #FRES-015	Conc	16' Rdwy	H-20, Operating
15.90				Ladder	Steel		
16.00				Ladder	Steel		
16.10	895+05.00	440.28	Left	Inlet Drain	CMP	3 - 18"	
16.18				Ladder	Steel		
16.28				Ladder	Steel		
16.38				Ladder	Steel		
16.50	916+40.00	440.07		Underdrain	Conc	3.0' x 3.0'	
16.50	916+40.00	440.07	Right	Turnout	PVC	8"	Clovis Land & Cattle Co. (Abandoned)
16.65				Ladder	Steel		
16.73	928+63.00	439.94		Bridge #FRES-016	Conc	16' Rdwy	H-20, Operating
16.80				Ladder	Steel		
16.82	933+24.00	439.90	Left	Inlet Drain	CMP / w flap vlvs	2 - 18"	
16.90				Ladder	Steel		
17.00				Ladder	Steel		
17.10				Ladder	Steel		

17.11	975+75.00	439.74		Underdrain	Conc	3.0' x 3.0'	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
17.24				Ladder	Steel		
17.26	983+48.00	439.66		Power Line Crossing	Pole Line	60 KV	PG&E 6-Wire
17.26	983+48.00	439.66		Telephone Crossing	Pole Line		4-Wire
17.26	983+48.00	439.66		Bridge #42CO129	Conc	30' Rdwy	Academy Ave., H-15, County
17.32	986+68.00	439.63	Left	Inlet Drain	CMP / w flap vlvs	3 - 18"	
17.35				Ladder	Steel		
17.45				Ladder	Steel		
17.60				Ladder	Steel		
17.65	1004+62.00	439.46		Underdrain	Conc	2 - 4.0' x 4.0'	
17.70				Ladder	Steel		
17.80				Ladder	Steel		
17.91				Ladder	Steel		
18.00				Ladder	Steel		
18.10				Ladder	Steel		
18.20				Ladder	Steel		
18.40				Ladder	Steel		
18.47	1049+10.00	439.02		Underdrain	Conc	4.0' x 3.0'	
18.50				Ladder	Steel		
18.68	1059+66.00	438.91	Left	Inlet Drain	CMP / w flap vlvs	18"	
18.70				Ladder	Steel		
18.71	1061+49.00			Power Line Crossing	Pole Line	12 KV	PG&E 3-Wire
18.71	1061+49.00			Telephone Crossing	Joint Line	1 Cable	Golden State Telephone
18.72	1061+97.80	438.89	U/S	Pipe Crossing	Steel	6" & 3"	
18.72	1061+97.80	438.89		Bridge #42CO309	Conc	24' Rdwy	Herndon Ave., H-15, County

18.80				Ladder	Steel		(T.12S., R.22E.)
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
18.91	1072+52.00	438.79		Underdrain	Conc	2 - 4' x 4'	(T.13S., R.22E.)
18.96				Ladder	Steel		
19.15				Ladder	Steel		
19.25				Ladder	Steel		
19.35			Right	Inlet Drain	CMP	8"	
19.35				Ladder	Steel		
19.45				Ladder	Steel		
19.55				Ladder	Steel		
19.57	1108+04.00	438.45	Left	Inlet Drain	CMP / w flap vlvs	24"	
19.58	1108+60.00	438.44	U/S	Cattle Guard	Rails	8' x 18'	
19.59	1109+00.00	438.44		Bridge #FRES-017	Conc	16' Rdwy	H-20, Operating
19.60	1109+40.00	438.44	D/S	Cattle Guard	Rails	8' x 18'	
19.65				Ladder	Steel		
19.75				Ladder	Steel		
19.88				Ladder	Steel		
19.88	1124+37.00	438.29		Power Line Crossing	Pole Line	12 KV	PG&E 3-Wire
19.92	1126+60.00	438.26	U/S	Pipe Crossing	Steel	24"	For Pond Drainage
19.92	1126+60.00	438.25		Overchute	Conc	30' x 7'-9"	Fancher Creek
19.95				Ladder	Steel		
19.98	1129+88.70	438.22		Bridge #FRES-018	Conc	24' Rdwy	Bullard Ave. - (Fancher Creek), H-15, (County)
20.10				Ladder	Steel		
20.17	1152+00.00	438.13		Bridge #FRES-019	Conc	16' Rdwy	H-20, Farm
20.17	1152+00.00	438.13	Right	Turnout	Steel	4"	Fresno I. D. #3 (Verni)
20.18	1152+52.00			Power Line Crossing	Pole Line	12 KV	
20.18	1152+52.00		Left	Turnout	Steel Pipe	4"	Verni (Abandoned)
20.20	1152+62.00	438.07	Right	Turnout	Steel Pipe	8"	Fresno I. D. #4 (Verni)
20.21				Ladder	Steel		

20.30				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
20.46	1167+00.00	437.98	Left	Inlet Drain	CMP / w flap vlvs	36"	
20.50				Ladder	Steel		
20.60				Ladder	Steel		
20.84	1187+00.00	437.78		Pipe Crossing			
20.85	1187+50.00	437.77	Left	Inlet Drain	CMP / w flap vlvs	36"	
20.93				Ladder	Steel		
20.93	1192+16.40	437.72	Right	Turnout	Steel Pipe	6"	Fresno I. D. #5
21.04				Ladder	Steel		
21.05	1198+50.00	437.65		Bridge #FRES-020	Conc	16' Rdwy	Zediker Ave., H-20, Operating
21.06	1199+22.00	437.65		Power Line Crossing	Pole Line	12 KV	PG&E 3-Wire
21.06	1199+22.00	437.65		PT&T Telephone Crossing	Joint Line	1 Cable	
21.12	1202+00.00	437.63	Left	Inlet Drain	CMP / w flap vlvs	18"	
21.15				Ladder	Steel		
21.27	1209+92.00	437.60		PT&T Telephone Crossing	Pole Line	1 Cable	(T.13S., R.22E.)
21.30				Ladder	Steel		(T.13S., R.23E.)
21.32	1212+56.00	437.53	Left	Turnout	Steel	6"	Fresno I. D. #6 (De Santis)
21.40				Ladder	Steel		
21.53	1225+00.00	437.40	Left	Inlet Drain	CMP / w flap vlvs	36"	
21.58				Ladder	Steel		
21.59			Left	Turnout	PVC	6"	Fresno I. D. #7
21.60	1228+98.00	437.36		Bridge #FRES-021	Conc	16' Rdwy	Riverbend Ave., H-20, Operating

21.60	1228+98.00	437.36	D/S	Water Line	Steel Pipe	2"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
21.70				Ladder	Steel		
21.83	1241+00.00	437.24	Left	Inlet Drain	CMP / w flap vlvs	24"	
21.83				Ladder	Steel		
21.93				Ladder	Steel		
22.03				Ladder	Steel		
22.09	1254+97.00	437.10	Left	Inlet Drain	CMP / w flap vlvs	2 - 48"	
22.15				Ladder	Steel		
22.28	1264+60.00	437.00		Bridge #42CO312	Conc	24' Rdwy	Watts Valley Road, H-15, County
22.30				Ladder	Steel		
22.35	1268+47.00	436.97	Left	Inlet Drain	CMP / w flap vlvs	3 - 48"	
22.40				Ladder	Steel		
22.43	1272+47.00	436.93		Power Line Crossing	Pole Line	12 KV	PG&E 5-Wire
22.43	1272+47.00	436.93		Telephone Crossing	Joint Line	Cable	
22.50				Ladder	Steel		
22.70				Ladder	Steel		
22.90	1297+60.00	436.67	U/S	Cattle Guard	Rails	8' x 18'	
22.91	1298+00.00	436.67		Bridge #FRES-022	Conc	16' Rdwy	H-20, Farm
22.92	1298+40.00	436.67	D/S	Cattle Guard	Rails	8' x 18'	
22.92				Ladder	Steel		
22.96	1300+78.00	436.65		Underdrain	Conc	2 - 4.0' x 4.0'	
23.03				Ladder	Steel		
23.04	1304+78.00	436.60		Power Line Crossing	Pole Line	12 KV	PG&E 3-Wire
23.15				Ladder	Steel		
23.25				Ladder	Steel		

23.35				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
23.45				Ladder	Steel		
23.58	1333+56.90	436.31		Bridge #FRES-023	Conc	16' Rdwy	Dakota Ave., H-20, Operating
23.62				Ladder	Steel		
23.64	1336+60.00	436.28	Left	Inlet Drain	CMP / w flap vlvs	2 - 30"	
23.75				Ladder	Steel		
23.85				Ladder	Steel		
23.96	1353+59.37	436.11	U/S	Cattle Guard	Rails	8' x 18'	
23.97	1353+99.37	436.11		Bridge #FRES-024	Conc	16' Rdwy	H-20, Farm
23.98	1354+39.37	436.11	D/S	Cattle Guard	Rails	8' x 18'	
24.05				Ladder	Steel		
24.07				Expanded Section			Beginning of Wider Section of Canal
24.11				Expanded Section			End of Wider Section of Canal
24.15				Ladder	Steel		
24.25				Ladder	Steel		
24.31	1372+50.00	435.93	Left	Inlet Drain	CMP / w flap vlvs	30"	
24.38				Ladder	Steel		
24.45				Ladder	Steel		
24.53	1384+15.00	435.51	Left	Inlet Drain	CMP	8"	
24.56				Ladder	Steel		
24.71	1393+26.00	435.60	Left	Inlet Drain	CMP	24"	
24.73	1394+26.00	435.59	Right	Road Drain	CMP	12"	
24.73	1394+26.00	435.59	Left	Inlet Drain	CMP	18" x 30"	
24.76				Ladder	Steel		
24.78	1396+76.00	435.68	Left	Inlet Drain	CMP	2 - 21"	

24.79	1397+80.00	435.67	Right	Inlet Drain	CMP	18"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
24.80	1398+09.70	435.67	Left	Inlet Drain	PVC	3"	
24.80	1398+09.70	435.67		Bridge #FRES-025	Conc	16' Rdwy	Clinton Ave., HS-20, Operating
24.80	1398+09.70	435.67		Power Line Crossing	Pole Line	12 KV	PG&E 3-Wire
24.80	1398+09.70	435.67		Telephone Crossing	Joint Line	1 Cable	
24.81	1398+14.00	435.67	Left	Inlet Drain	CMP	12" x 18"	
24.81	1398+25.00			Turnout	Steel Pipe	9"	Trimmer Springs
24.81	1398+25.00		Left	Turnout	Steel Pipe	2 - 6"	Fresno I. D.
24.86	1401+00.00	435.65	Left	Inlet Drain	CMP	2 - 18"	
24.93				High Cut			Beginning of High Cut
24.93				Guard Rail			Beginning of Guard Rail
25.00				Ladder	Steel		
25.10				Ladder	Steel		
25.12	1415+95.00	435.49		Power Line Crossing	Steel Tower	110 KV	PG&E 6-Wire
25.20				Ladder	Steel		
25.28				Guard Rail			End of Guard Rail
25.28				High Cut			End of High Cut
25.30				Ladder	Steel		
25.42	1430+80.00	435.34	Left	Inlet Drain	CMP / w flap vlvs	36"	
25.46	1432+70.00	435.31		Power Line Crossing	Pole Line	12 KV	PG&E 3-Wire
25.48				Ladder	Steel		
25.51	1435+21.00	435.29	Right	Turnout	Slide Gates	2 - 6' x 5'	Fresno I. D.
25.51	1435+21.00	435.29		Equipment			Torqmaster (2) Motors
25.51	1435+21.00	435.29		Recorder House	Conc Block	4' x 4'	
25.51	1435+21.00	435.29		Parshall			Enterprise

25.51	1435+21.00	435.29		Antenna Pole		30'	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
25.60				Ladder	Steel		
25.75	1449+00.00		Left	Inlet Drain	CMP	18"	
25.78				Ladder	Steel		
25.89				Ladder	Steel		
25.89	1455+70.00	435.09		Power Line Crossing	Pole Line	12 KV	PG&E
25.95	1458+99.00	435.05	Left	Inlet Drain	CMP	18"	
25.99	1461+07.00	435.03		Power Line Crossing	Pole Line	12 KV	PG&E 3-Wire
26.05				Ladder	Steel		
26.15				Ladder	Steel		
26.15	1470+15.00	434.94	Left	Road Drain	CMP	8"	
26.16	1470+65.00	434.94	Left	Inlet Drain	CMP	30"	
26.25	1475+22.00	434.89	Left	Road Drain	CMP	8"	
26.28				Ladder	Steel		
26.35	1480+50.00	434.84	Left	Road Drain	CMP	8"	
26.36	1481+00.00	434.84	Left	Inlet Drain	CMP	30"	
26.40				Ladder	Steel		
26.42	1484+30.00	434.80	Left	Inlet Drain	CMP	30"	
26.55				Ladder	Steel		
26.61	1494+26.00	434.70	Left	Road Drain	CMP	8"	
26.62	1494+76.00	434.70	Left	Inlet Drain	CMP	24"	
26.65				Ladder	Steel		
26.73	1500+00.00		Left	Inlet Drain	CMP	18"	
26.76				Ladder	Steel		
26.78	1503+20.00			Telephone Crossing	Pole Line	Pole Line	Golden State Tel. Co. 1-Wire
26.83	1505+86.40	434.59		Bridge #FRES-026	Conc	16' Rdwy	Viau Road, H-20, Operating
26.84				Gate	Chain Link	4' x 18'	

26.86	1507+60.00		Left	Inlet Drain	CMP	24"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
26.87				Ladder	Steel		
26.98				Ladder	Steel		
27.06	1518+34.00	434.47		Inlet Drain		18"	Located midway up liner
27.06	1518+35.00	434.47	Left	Inlet Drain	CMP / w flap vlvs	2 - 48"	
27.09				Ladder	Steel		
27.18	1524+70.00	434.40		Pipe Crossing	Steel Pipe	10"	(Abandoned)
27.22				Ladder	Steel		
27.35				Ladder	Steel		
27.45				Ladder	Steel		
27.56	1544+70.00	434.20	Left	Turnout	Steel Pipe	12"	Trimmer Springs W. D. & Fresno I. D.
27.58				Ladder	Steel		
27.67	1550+78.00	434.20	Right	Turnout	Conc	2 - 60"	Gould Canal Turnout Fresno I. D.
27.67	1550+78.00	434.14 Lip of Turnout Elev. 444.41	Right	Recorder House & Parshall Flume on T. O.	Conc	10' x 10'	Poles & Antennas (30'), A-35 Stevens Recorder, Littleman Auto Control SCADA & Radio Equip. Radio Check Alarm
27.68	1550+90.50		Left	Gould Pump-In			Gould Pump-In to FKC Interconnection
27.69				Ladder	Steel		
27.69	1552+.05.00	434.13		Siphon	Conc	9'-8" x 9'-8"	For the Gould Canal Under FKC
27.71	1553+00.00	434.12		Bridge #FRES-027	Conc	16' Rdwy	H-20, Operating
27.81				Ladder	Steel		
28.01	1570+75.00	433.94		Pipe Crossing	Conc	24" x 24"	
28.11				Ladder	Steel		

28.31	1584+41.75	433.80		CVP Sign			Double
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
28.31	1584+41.75	433.80		Power Line Crossing	Pole Line	12 KV	
28.31	1584+41.75	433.80		Bridge #42CO076	Conc	30' Rdwy	Trimmer Springs Road, H-50, County
28.31	1584+41.75	433.80		Telephone Crossing	Pole Line	2 - Cable	
28.31	1584+41.75	433.80		Utility Pole			Joint Pole Line
28.33				Ladder	Steel		
28.44				Ladder	Steel		
28.44				Float Line			Debris
28.44	1592+37.00	433.73		Waste Way	Radial Gates	4 - 10' x 10'	Kings River - Also Used as Turnout to Fresno I.D. & Kings River Water Assoc.
28.44	1592+37.00	433.73		Weir V-Notch	Conc	115'	Kings River
28.44	1592+37.00	433.73	D/S	Recorder House	Conc Block	4' x 4'	200' On Parshall
28.48				Generator			Backup - Kings River
28.48	1594+15.00		U/S	Recorder House	Conc Block	10' x 10'	Kings River - Electrical Equipment, Pole & 2 Antennas (30'), A-35 Stevens Recorder, Radio Check Alarm, SCADA Electronic Equip., Littleman Auto Control
28.49				Float Line			Debris
28.50	1595+48.34	433.69	Left	Over the Bank Siphon	Steel	2 - 48"	Kings River Powerplant Non-Op Side
28.50	1595+48.34	433.69	Right	Over the Bank Siphon	Steel	2 - 48"	Kings River Powerplant Op-Side
28.51				Float Line			Safety
28.51	1595+64.34	433.69		End Lined Section	Conc	36'	Lined Section #1

28.51	1595+64.34			Chain Link Fence		5'	On Transition Headwall
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
28.52	1596+32.85	433.69		Check	Single	32'-0" x 20'-0"	Kings River Radial Gate
28.53	1596+52.34	423.82		Siphon	Conc Round	24'-3"	Inlet for River Siphon
28.53	1596+52.34			Chain Link Fence	Chain Link	6'	On Inlet Headwall
28.53	1596+52.34		Right	Ditchrider Residence		50'	Right Side of FKC @ Kings River
28.65	1602+22.82	408.75		Air Vent	Conc Stand Pipe	4' x 15'-10"	
28.86				River			Kings River
28.94	1617+85.82	408.75		Air Vent	Conc Stand Pipe	4' x 15'-10"	
29.09	1625+78.00	401.75		Turnout - Kings River Siphon	Cylinder Gate Valve	7'-0"	With Invert-Stilling Pool - 5 H.P. Motor
29.09	1625+78.00	401.75		Recorder House		6'	Chain Link Fence around Structure
29.10	1627+80.00	401.75		Over the Bank Pump	Steel Pipe	6 - 42"	Boswell Pumps from Kings River
29.13	1627+80.00	421.98		Chain Link Fence		6'	On Outlet Headwall
29.13	1627+80.00	421.98	D/S	Siphon	Conc Bbl	24'-3"	Outlet
29.15	1628+79.00	430.03		Transition	Conc	28'	End
29.15	1628+79.00	430.03		Begin Lined Section	Conc	28'	Lined Section #2
29.18	1630+38.00	430.01		Power Line Crossing	Steel Tower	220 KV	PG&E
29.32	1637+88.30	429.89	U/S	Power Line Crossing	Pole Line	12 KV	PG&E

29.32	1637+88.30	429.89	U/S	Telephone Crossing	Conduit	2"	Golden State Tel. Co.
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
29.32	1637+88.30	429.89		Bridge #42CO290	Conc	30' Rdwy	Piedra Road, H-15-S12-44, County
29.32				CVP Sign			Double
29.50	1647+27.00	429.75		Begin Transition	Conc	28'	
29.51	1647+75.00	429.83		End Transition	Conc	36'	Widens
29.55	1650+00.00	429.81	Left	Inlet Drain	CMP	4 - 21"	
29.62	1654+80.45		Right	Road Drain	CMP	12"	
29.64	1655+04.27	429.75	D/S	Recorder House	Conc	6' x 6'	Kings River - SCADA Equip, Pole & Antenna (35')
29.66	1655+72.54	429.75	U/S	Telephone Crossing	PVC Pipe		in Conduit
29.66	1655+72.54	429.79		Bridge #FRES-028	Timber	16' Rdwy	Belmont Ave., H-15, Farm
29.66	1655+72.54	429.75	D/S	Water Line	Steel Pipe	6"	
29.66	1665+92.54	429.74	D/S	Inlet Drain	CMP	29" x 18"	(T.13S., R.23E.)
29.70	1656+56.00	429.69	Right	Road Drain	CMP	8"	(T.14S., R.23E.)
29.80	1661+84.00	429.69	Right	Inlet Drain	CMP	8"	
29.86	1665+00.00	429.64	Right	Pipe Crossing	CMP	6"	
29.95	1669+76.00	429.55	Left	Inlet Drain	CMP	30"	Concrete Spill
30.24	1685+07.00	429.50	Left	Inlet Drain	CMP	8"	
30.25	1685+30.00	429.44	U/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
30.25	1685+50.00	429.44		Bridge #FRES-029	Timber	16' Rdwy	H-10, Farm
30.25	1685+50.00	429.44	D/S	Pipe Crossing	Steel	3.5"	
30.25	1685+70.00	429.44	D/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
30.30				Power Line Crossing			
30.33	1689+72.40	429.40	Left	Inlet Drain	Conc / w flap vlvs	8"	
30.34	1690+00.00	429.39		Overchute	Conc	18' x 5'-6"	
30.35	1690+53.00	429.38	Left	Inlet Drain	CMP	24"	With Slide Gate

30.44	1694+00.00	429.35	Left	Inlet Drain	CMP / w flap vlvs	24"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
30.45	1695+18.90	429.37	U/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
30.46	1695+45.90	429.37	U/S	Pipe Crossing	PVC	1"	
30.46	1695+45.90	429.37		Bridge #FRES-030	Timber	16' Rdwy	H-15, Farm
30.47	1695+98.90	429.37	D/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
30.47	1696+00.00	429.32	Left	Inlet Drain	CMP	24"	
30.67	1706+56.00	428.90	Left	Inlet Drain	CMP	24"	
30.68	1707+08.00	428.90	Left	Inlet Drain	CMP	8"	
31.10	1729+04.00		Left	Inlet Drain	CMP	24"	
31.30	1739+60.00		Left	Inlet Drain	CMP	18"	
31.62	1756+50.00	428.71	Left	Inlet Drain	CMP	2 - 21"	
31.80	1766+00.00		Left	Inlet Drain	CMP	8"	
31.82	1766+04.00	428.63	Left	Inlet Drain	CMP	24"	
31.90	1771+28.00		Left	Inlet Drain	CMP	30"	
31.91	1771+80.00	428.56	U/S	Cattle Guard	Rails	12' x 8'	with 8" CMP Drain
31.91	1772+00.00	428.56		Pipe Crossing		4"	Water Pipe
31.91	1772+00.00	428.56		Bridge #FRES-031	Conc	16' Rdwy	H-20, Operating
31.91	1772+20.00	428.56	D/S	Cattle Guard	Rails	12' x 8'	with 8" CMP Drain
32.05	1779+20.00			Power Line Crossing	Pole Line	12 KV	PG&E
32.05	1779+20.00			Telephone Crossing	Joint Line	Cable	
32.15	1784+70.00	428.43	Left	Inlet Drain	CMP	3 - 24"	
32.26	1790+29.00		Left	Inlet Drain	CMP	12"	
32.45	1800+32.00		Left	Inlet Drain	CMP	8"	
32.78	1818+37.50	428.10	Left	Inlet Drain	CMP	24"	
32.91	1825+23.90		Left	Inlet Drain	CMP	8"	
32.92			Left	Inlet Drain	CMP	8"	
32.96	1827+80.00	428.01	U/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
32.96	1828+00.00		U/S	Gate	Pipe	4' x 18'	
32.96	1828+00.00	428.01		Bridge #FRES-032	Timber	16' Rdwy	H-10, Farm

32.96	1828+20.00	428.01	D/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
33.01	1830+60.00	427.98	Left	Inlet Drain	CMP	3 - 21"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
33.15	1837+79.00		Left	Inlet Drain	CMP	10"	
33.28	1844+77.00		Left	Inlet Drain	CMP	10"	
33.34	1847+94.00		U/S	Telephone Crossing	Pole Line	Cable	
33.34	1848+33.10	427.80		Bridge #420083	Conc	36' Rdwy	Kings Canyon - State Hwy 180, H-50, State
33.38	1850+97.10		Left	Inlet Drain	CMP	10"	
33.45	1860+94.10		Left	CVP Sign			On State Hwy
33.60	1862+20.00	427.67	Left	Inlet Drain	CMP	2 - 24"	
33.80	1872+80.00	427.56	U/S	Cattle Guard	Conc & Rails	12' x 8'	with 10" CMP Drain
33.80	1873+00.00	427.56	U/S	Pipe Crossing	Steel	1 1/2"	
33.80	1873+00.00	427.56		Bridge #FRES-033	Timber	16' Rdwy	H-10, Farm
33.80	1873+20.00	427.56	D/S	Cattle Guard	Conc & Rails	12' x 8'	with 10" CMP Drain
33.87	1876+15.80	427.57		Float Line			Safety
33.87	1876+15.80	427.57	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - A.T. & S.F.
33.87	1876+60.80	426.38	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet @ A.T. & S.F. Railroad (Abandoned)
33.87	1876+60.80	426.38		Chain Link Fence		5'	On Inlet Headwall
33.88	1876+99.30	426.88		Operating Road			
33.88	1876+99.30	426.88		Inlet Drain	CMP	2 - 18"	Pipe Drainage Under Operating Road
33.89	1877+37.80	426.38		Chain Link Fence		5'	On Outlet Headwall
33.89	1877+37.80	426.38	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet @ A.T. & S.F. Railroad (Abandoned)
33.89	1877+82.80	427.26	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - A.T. & S.F. Railroad

34.13	1889+84.37	427.08		Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
34.13	1890+04.37	427.08		Bridge #FRES-034	Timber	16' Rdwy	H-10, Farm
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
34.13	1890+04.00	427.08	Left	Inlet Drain	CMP	8"	
34.13	1890+24.37	427.08		Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
34.20			Left	Road Drain	Steel	10"	(T.14S., R.23E.)
34.26	1896+91.00		Left	Inlet Drain	CMP	10"	(T.14S., R.24E.)
34.36			Left	Road Drain	Steel	10"	
34.58	1913+04.00		Left	Inlet Drain	CMP	10"	
34.62	1916+19.37	426.81	Right	Inlet Drain	CMP	10"	
34.81	1925+84.37	426.72		Recorder Station	CMP	36"	Staff Gauge Opposite Deck
34.91	1931+55.00	426.66		Bridge #FRES-035	Timber	16' Rdwy	H-10, Farm
34.92	1932+00.00	426.65		End Lined Section	Conc	64'	Lined Section #2
34.92	1932+00.00	426.65		Begin Transition	Conc	36'	Beginning
34.92	1932+23.61	426.73		Power Line Crossing	Pole Line	12 KV	PG&E
34.93	1932+75.00	426.81		End Transition	Conc	64'	Ending
34.93	1932+75.00	426.81		Begin Earth Lined Section	Earth	64'	Earth Lined Section #1
35.16	1944+67.40	426.74		Power Line Crossing	Pole Line	12 KV	PG&E
35.16	1944+67.40	426.74		Telephone Crossing	Pole Line		
35.16	1944+67.40	426.74		Bridge #42CO180	Conc	24' Rdwy	Alta Ave., H-50, County
35.16	1944+67.40	426.74		Parallel Toe Drain	CMP	24"	
35.16	1944+67.40	426.74	Left	Underdrain			
35.58	1966+74.00	426.55	U/S	Siphon Inlet Transition	Conc	64'	Inlet Transition - Wahtoke Creek
35.58	1966+74.00	426.55	U/S	Float Line			Safety
35.58	1967+34.00	426.55	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet @ Wahtoke Creek
35.58	1967+34.00	426.55		Chain Link Fence		5'	On Inlet Headwall
35.61	1968+14.00	412.45	Right	Creek	CMP	3 - 48"	Wahtoke Creek

35.62	1968+39.66			Power Line Crossing	Pole Line	12 KV	
35.62				Pipe Crossing	PVC Pipe	6"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
35.63	1968+72.67	425.97		Chain Link Fence		5'	On Outlet Headwall
35.63	1968+72.67	425.97	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet @ Wahtoke Creek
35.63	1969+32.67	425.97	D/S	Siphon Outlet Transition	Conc	64'	Outlet Transition - Wahtoke Creek
35.85	1982+60.20		Left	Pumping Plant			O.C.I.D. Tri-Valley
35.86	1982+60.20	425.97		Telephone Crossing	Pole Line	Cable	
35.86	1982+60.20	425.97		Power Line Crossing	Pole Line	12 KV	PG&E
35.86	1982+60.20	425.97		Bridge #42CO285	Conc	24' Rdwy	Jensen Ave., H-50, County
35.86	1982+60.20	425.97	D/S	Pipe Crossing	Steel	4" & 15"	Jensen Ave.
35.87	1983+20.00	425.96	Left	Turnout	Conc Pipe	1 - 30"	O.C.I.D. #1
36.10	1994+88.00	425.89		Underdrain	Conc Bbl	4 - 4.5' x 3'	Navelencia Creek
36.22	2001+43.56			End Earth Lined Section	Earth	64'	Earth Lined Section #1
36.22	2001+43.56	425.85		Begin Transition	Conc	64'	Beginning
36.24	2002+18.56	425.30		End Transition	Conc	59'	Ending
36.28	2004+49.49	425.30		Float Line			Safety
36.28	2004+61.13	425.30	U/S	Power Line Crossing	Pole Line	70 KV	PG&E
36.28	2004+77.89	425.29	U/S	Siphon	Conc Bbl	5 - 11' x 6'	Inlet - A.T. & S.F. Railroad
36.28	2004+77.89	425.29		Chain Link Fence		5'	On Inlet Headwall
36.34	2006+58.39	424.76		Chain Link Fence		5'	On Outlet Headwall
36.34	2006+58.39	424.76	D/S	Siphon	Conc Bbl	5 - 11' x 6'	Outlet - A.T. & S.F. Railroad
36.39	2010+08.45	424.73		Begin Transition	Conc	59'	Beginning
36.40	2010+83.45	425.26		End Transition	Conc	64'	Ending

36.40	2010+83.45	425.26		Begin Earth Lined Section	Earth	64'	Earth Lined Section #2
36.56	2018+33.45	425.21		Power Line Crossing	Pole Line	440 Volts	PG&E
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
36.65	2023+84.67	425.18		Pipe Crossing	Steel Pipe	10"	Pipe (Under Canal)
36.78	2030+69.75	425.15		Power Line Crossing	Pole Line	12 KV	PG&E 3 Wire
36.78	2030+69.75	425.15		Bridge #42CO286	Conc	24' Rdwy	Edgar Ave., H-50, County
36.78	2030+69.75	425.14		Parallel Toe Drain	CMP	18"	
36.78	2030+69.75	425.14	Left	Underdrain			
36.79	2030+98.80	425.14	Right	Turnout	Bbl	36"	O.C.I.D. #2
36.83	2037+27.00	425.11		Pipe Crossing	Transite	10"	Pipe (Under Canal)
36.95	2039+81.80	425.09	U/S	Telephone Crossing	Pole Line	Cable	General Tel. Co.
36.95	2039+81.80	425.09		Bridge #42CO284	Conc	24' Rdwy	Crawford Ave., H-50, County
36.95	2039+81.80	425.09	D/S	Power Line Crossing	Pole Line Located on D/S of Bridge	30 KV 12 KV Com. Cct.	PG&E (Top Arm) PG&E (Center Arm) PG&E (Lower Arm)
36.95	2039+81.80	425.09		Parallel Toe Drain	CMP	18"	
36.95	2039+81.80	425.09	Left	Underdrain			
36.95	2039+81.80	425.09		Prism Narrows	Earth	62'	
37.04	2042+47.80	425.05		Telephone Crossing	Joint Pole	Cable	General Tel. Co.
37.04	2042+47.80	425.05		Power Line Crossing	Joint Pole	12 KV	PG&E
37.49	2070+00.00	424.91		Bridge #FRES-037	Timber	16' Rdwy	H-15, Farm
38.30	2099+64.97			Power Line Crossing	3 Lines	12 KV	PG&E
38.40	2119+42.19	424.63		Parallel Toe Drain	CMP	24"	
38.40	2119+42.19	424.63	Right	Sump Pump	Discharge	4"	
38.40	2119+42.19	424.63	U/S	Pipe Crossing	Steel	8"	Pipe
38.40	2119+42.19	424.63		Bridge #FRES-038	Timber	24' Rdwy	Wakefield Ave., H-15, Farm
38.40			Left	Underdrain			

38.40	2119+42.19	424.63		Prism Widens	Earth	64'	
38.72	2136+69.00	424.50	Right	Sump Pump	B.J.	2 Hp / 1 ph	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
38.74	2137+63.98	424.52		Parallel Toe Drain	CMP	48"	
38.74	2137+63.98	424.52		Bridge #42CO283	Conc	24' Rdwy	Central Ave., H-50, County
38.74	2137+63.98	424.52	D/S	Pipe Crossing	Steel	15"	Pipe
38.74	2137+63.98	424.52	D/S	Power Line Crossing	Pole Line	12 KV	PG&E
38.74	2137+69.78	424.52	Right	Turnout	2 - Bbl	30"	O.C.I.D. #3
38.88	2144+85.00	424.48		Underdrain	2 - Bbl	6' x 4'	Bk Shows a 6" Steel Irrigation Pipe Thru Culvert
39.00	2151+19.67	424.44		Parallel Toe Drain	CMP	36"	
39.00	2151+19.67	424.44		Parallel Toe Drain	CMP	18"	
39.00	2151+19.67	424.44	U/S	Pipe Crossing	Steel	1"	Pipe
39.00	2151+19.67	424.44	U/S	Telephone Crossing	Pole Line		General Tel. Co.
39.00	2151+19.67	424.44		Bridge #42CO251	Conc	30' Rdwy	Cove Road, H-15, County
39.00	2151+19.67	424.44	D/S	Power Line Crossing	Pole Line	12 KV	PG&E
39.00	2151+19.67	424.44	Left	Parallel Toe Drain	CMP	18"	
39.22	2163+00.54	424.36		Pipe Crossing	Steel Pipe	8"	(Under Canal), (Abandoned)
39.45	2186+17.00	424.21	Right	Sump Pump	Peerless Pump	1 1/2 Hp / 1 ph	
39.82	2194+94.00	424.18	Right	Turnout	Conc Bbl	2 - 36"	O.C.I.D. #4
39.84	2196+00.00	424.17		Pipe Crossing	Steel Pipe	8"	(Under Canal)
39.87	2197+59.00	424.16		Power Line Crossing	Pole Line	12 KV	PG&E
40.20	2215+00.00	423.91		Underdrain	Conc Bbl	2 - 4'-3" x 3'-6"	Surprise Creek
40.37	2224+06.00	424.00	U/S	Power Line Crossing	Pole Line	12 KV	PG&E 3 Wire
40.37	2224+06.00	424.00	U/S	Telephone Crossing	Conduit	2"	

40.37	2224+06.00	424.00		Bridge #42CO282	Conc	24' Rdwy	American Ave., H-50, County
40.37	2224+06.00	424.00	D/S	Pipe Crossing	Steel	9"	Pipe (T.14S., R.24E.)
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
40.85	2249+45.00	423.85		Underdrain	Conc Bbl	2 - 6' x 4.5'	(Hills Valley Drain) (T.15S., R.24E.)
41.11	2263+06.96	423.77		Parallel Toe Drain	CMP	30"	
41.11	2263+06.96	423.77	Left	Underdrain			
41.11	2263+06.96	423.77		Bridge #42CO287	Conc	24' Rdwy	Anchor Ave., H-50, County
41.11	2263+06.96	423.77	D/S	Telephone Crossing	Conduit	2"	
41.11	2263+06.96	423.77	D/S	Power Line Crossing	Pole Line	12 KV	PG&E
41.14			Left	Mulholland Diversion	Steel Pipe	10"	
41.14				Pump Inlet Structure			Hills Valley Irrigation District
41.15	2267+86.16		Left	Over the Bank Diversion	Suction 40 H.P. Berkeley Pump	15" & 10"	Hills Valley Irrigation District
41.75	2296+82.94	423.56	Left	Underdrain			
41.75	2296+82.94	423.56		Parallel Toe Drain	CMP	30"	
41.75	2296+82.94	423.56		Bridge #FRES-039	Conc	24' Rdwy	Lincoln Ave., H-50, County
41.75	2296+82.94	423.56	D/S	Pipe Crossing	Steel	18"	Pipe
41.75	2296+82.94	423.56	D/S	Power Line Crossing	Pole Line	12 KV	PG&E
41.76	2296+98.50	423.55	Right	Turnout	Conc Bbl	2 - 30"	O.C.I.D. #5
42.42	2331+90.70	423.35		Underdrain	Conc Bbl	3 - 6' x 5'	
42.89	2357+48.13	423.21	Left	Turnout	Conc Bbl	42"	O.C.I.D. #6
42.90		423.20	U/S	Power Line Crossing	Pole Line	12 KV	PG&E
42.90	2358+19.09	423.20		Bridge #42CO288	Conc	24' Rdwy	Adams Ave. - Ave. 464, H-50, County

42.90	2358+19.09	423.20	D/S	Pipe Crossing	Steel	8", 1"	Pipe
42.90	2358+35.00	423.20	Left & Right	Chain Link Fence		6'	Through the City of Orange Cove (Beginning)
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
43.38	2383+48.00	422.90	U/S	Siphon Inlet Transition	Conc	64'	Inlet Transition - Park Blvd.
43.38	2383+59.60	422.90	U/S	Float Line			Safety
43.39	2384+08.00	421.90	U/S	Siphon	Barrels	5 - 11' x 11'	Inlet - Park Blvd.
43.39	2384+08.00	421.90		Chain Link Fence		6'	On Inlet Headwall
43.39	2384+08.00	421.90	Left & Right	Gates	Fabric		Chain Link Split Gates
43.39	2384+08.00	422.90	Left	Parallel Toe Drain	CMP	36"	
43.39	2384+15.44	422.90	Left	Parallel Toe Drain	CMP	24"	
43.40	2384+21.76	414.00	Left to Right	Cross Drain	CMP	36" x 220'	Pipe Over Siphon
43.41	2384+40.00	421.90		Power Line Crossing	Pole Line	12 KV	PG&E
43.41	2384+40.00	421.90		Telephone Crossing	Joint Line	Cable	PT&T
43.43	2384+60.87	415.54		Road			Park Blvd.
43.44	2385+09.00	421.22		Chain Link Fence			Continues to Hills Valley Road
43.45	2385+24.00	421.22		Chain Link Fence			On Outlet Headwall
43.45	2358+24.00	421.22	D/S	Siphon	Barrels	5 - 11' x 11'	Outlet - Park Blvd.
43.45	2385+24.00	421.22	Left & Right	Gates	Fabric		Chain Link Split Gates
43.46	2385+54.00	422.22	Right	City of Orange Cove Emergency Fire Pump Connection	Steel Pipe	12"	Through Bank Extending Into Siphon
43.46	2385+54.00	422.22	Left	Sump Pump	B.J.	30 Hp / 3 ph	

43.47	2385+84.00	422.22	D/S	Siphon Outlet Transition	Conc	64'	Outlet Transition - Park Blvd.
43.48	2387+02.88	422.47	Right	Turnout	Conc	30"	City of Orange Cove
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
43.49	2387+43.25	422.45		Sump Pump	PVC	18"	Downstream with Steel End
43.64	2397+24.80	422.40	U/S	Telephone Crossing	Pole Line	Cable	PT&T
43.64	2397+24.80	422.40	U/S	Power Line Crossing	Pole Line	12 KV	PG&E
43.64	2397+24.80	422.40	Left	Parallel Toe Drain	CMP	36"	
43.64	2397+24.80	422.40		Bridge #42CO177	Conc	30' Rdwy	Hills Valley Road - Road 120, H-50, - Center Line Divides Fresno & Tulare Counties
43.64	2397+24.80	422.40	Right	Underdrain			Crosses Under Hills Valley Road
43.64	2397+24.80	422.40	Right	Parallel Toe Drain	CMP	36"	
43.64	2397+24.80	422.40	Left	Underdrain			Crosses Under Hills Valley Road
43.64	2397+24.80	422.40	Both Sides	Chain Link Fence			Thru City Orange Cove
43.70	2402+97.38	422.37		Pipe Crossing	Steel Pipe	6"	(Under Canal)
43.93	2412+05.25	422.37		End Earth Lined Section	Earth	64'	Earth Lined Section #2
43.93	2412+05.25	422.07	U/S	Siphon Inlet Transition	Conc	64'	Inlet Transition - Ave. 456
43.93	2412+05.25	422.07		Float Line			Safety
43.93	2412+65.25	422.07	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet
43.94	2412+65.25	422.07		Chain Link Fence		6'	On Inlet Headwall
43.96	2412+83.00	417.00		Power Line Crossing	Pole Line	12 KV	
43.97	2413+42.25	417.00		Railroad Crossing	1-Track	10'	A.T. & S.F. Railroad (Abandoned)

43.98	2413+45.78	417.00		Roadway	Asphalt	42' Rdwy	South Ave. - Ave. 456
43.99	2414+19.25	421.40		Chain Link Fence		6'	On Outlet Headwall
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
43.99	2414+19.25	421.40	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet
44.00	2414+79.25	421.40	D/S	Siphon Outlet Transition	Conc	59'	Outlet Transition - Ave. 456
44.02	2416+33.21	421.21		Begin Transition	Conc	59'	Beginning
44.04	2417+08.21	421.74		End Transition	Conc.	64'	Ending
44.04	2417+08.21	421.74		Begin Earth Lined Section	Earth	64'	Earth Lined Section #3 (T.15S., R.24E.)
44.18	2424+74.40	421.69		Underdrain	Conc Bbl	4' x 3'	(Sorenson) (T.15S., R.25E.)
44.56	2445+24.52	421.57	Right	Turnout	Conc Bbl	42"	O.C.I.D. #7
44.56	2445+24.52	421.57		Weir			Debris & Sand Control
44.56	2445+62.00	421.57	Left	Turnout	Conc Bbl	42"	O.C.I.D. #8
44.59				Pipe Crossing	Steel	12"	Irrigation (Abandoned)
44.59	2446+11.95	421.57	U/S	PT&T Telephone Crossing	Steel	2", 1/2", 18"	On Bridge Crossing
44.59	2446+11.95	421.57		Bridge #46CO223	Conc	24' Rdwy	Parlier Ave. - Ave. 452, H-50, County
44.59	2446+11.95	421.57	D/S	Power Line Crossing	Pole Line	12 KV	
44.74	2456+51.25	421.52		Underdrain	Conc Bbl	3' x 3'	(Chase)
44.96	2468+30.71	421.44		Pipe Crossing	Steel Pipe	8"	(Under Canal)
45.10	2475+63.69	421.40	U/S	Power Line Crossing	Steel	22 KV	PG&E
45.10	2475+63.69	421.40	U/S	Telephone Crossing	Pole Line		PT&T
45.10	2475+63.69	421.40		Parallel Toe Drain	CMP	18"	
45.10	2475+63.69	421.40	Left	Underdrain			
45.10	2475+63.69	421.40		Bridge #46CO222	Conc	24' Rdwy	Manning Ave. - Ave. 448, H-50, County
45.10	2475+63.69	421.40	D/S	Telephone Crossing	Pole Line		PT&T

45.10	2475+63.69	421.40	D/S	Pipe Crossing	Steel	12"	
45.46	2494+90.00	421.29	Right	Turnout	Conc Bbl	42"	O.C.I.D. #9
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
45.79	2512+62.00	420.83		End Earth Lined Section	Earth	64'	Earth Lined Section #3
45.79	2512+62.00	420.83	U/S	Siphon Inlet Transition	Conc	64'	Inlet Transition - Sand Creek, Road 128 - Hwy 63
45.80	2512+62.00	421.19		Drain Pipe into Sand Creek	CMP	2 - 18"	
45.80	2512+75.00	420.83		Float Line			Safety
45.80	2513+22.00	420.83	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet, Sand Creek, Road 128 - Hwy 63
45.80	2513+22.00	420.83		Chain Link Fence	Chain Link	6'	On Inlet Headwall
45.81	2513+52.77	410.75		Power Line Crossing	Pole Line	22 KV	
45.81	2513+52.77	410.75		Telephone Crossing	Pole Line	Cable	
45.82	2513+85.56	410.75		Roadway	Asphalt	50' Rdwy	Centerline of Road 128 - Hwy 63
45.85	2515+28.55	410.75		Center Line - Creek			Sand Creek Channel Realignment
45.88	2516+98.00	419.80		Chain Link Fence	Chain Link	6'	On Outlet Headwall
45.88	2516+98.00	419.80	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet, Sand Creek, Road 128 - Hwy 63
45.89	2517+58.00	419.80	D/S	Siphon Outlet Transition	Conc	59'	Outlet Transition - Sand Creek, Road 128 - Hwy 63
45.92	2519+02.00	419.68		Begin Transition	Conc	59'	Beginning
45.94	2519+77.00	420.21		End Transition	Conc	64'	Ending
45.94	2519+77.00	420.21		Begin Earth Lined Section	Earth	64'	Earth Lined Section #4

46.03	2524+14.00	420.18		End Earth Lined Section	Earth	64'	Earth Lined Section #4
46.03				Float Line			Safety
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
46.03	2524+14.00	420.18	U/S	Recorder House	Conc Block	7' x 9'	Sand Creek - SCADA Electronic Equip., Radio Communications, A-35 Recorder, Radio Check Alarm, Littleman Auto Control 1 Pole (30') & 2 Antennas
46.04	2524+83.54	420.18		Check	Radial Gates	3 - 20' x 18'	Sand Creek
46.04	2524+83.54	420.18		Equipment			SCADA & Electrical Panel
46.04	2524+83.54	420.18		Utility Pole			Service from Service Pole to Check Structure
46.05	2525+80.21	420.17		Begin Transition	Conc	68'	Beginning
46.06	2526+55.21	419.62		End Transition	Conc	64'	Ending
46.10	2528+79.00	419.29	D/S	Recorder House	Conc Block	6' x 6'	Sand Creek - SCADA & Electrical Equipment
46.14				Ladder	Steel		
46.14	2530+84.25	419.72		Float Line			Safety
46.15	2531+12.00	419.72	U/S	Siphon Inlet Transition	Conc	64'	Inlet Transition - A.T. & S.F. Railroad
46.15	2531+72.00	419.09	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet - A.T. & S.F. Railroad
46.15	2531+72.00	419.09		Chain Link Fence	Chain Link	5'	On Inlet Headwall

46.15 & 46.16	2531+12.00 & 2532+33.38	419.09		Power Line Crossing	Steel Towers	2 - 220 KV	SCE
46.17	2532+33.88	419.09		Railroad Crossing			A.T. & S.F. (Abandoned)
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
46.19	2532+94.00	419.09		Chain Link Fence	Chain Link	5'	On Outlet Headwall
46.19	2532+94.00	419.09	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet - A.T. & S.F. Railroad
46.19	2533+54.00	419.09	D/S	Siphon Outlet Transition	Conc	64'	Outlet Transition - A.T. & S.F. Railroad
46.22	2535+11.77	419.12		Begin Transition	Conc	59'	Beginning
46.24	2535+86.77	419.65		End Transition	Conc	64'	Ending
46.24	2535+86.77	419.65		Begin Earth Lined Section	Earth	64'	Earth Lined Section #5
46.40				Ladder	Steel		
46.50				Ladder	Steel		
46.60	2555+80.00	419.53	Left	Inlet Drain	CMP / w flap vlvs	30"	
46.60	2555+80.00	419.53	Left	Sump Pump	Johnson Bros.	2 Hp / 1 ph	
46.65				Ladder	Steel		
46.65	2558+44.00	419.50	Right	Sump Pump	Johnston	2 Hp / 1 ph	Bk Indicates 3 Phase
46.81				Ladder	Steel		
46.81	2566+90.00	419.46		Power Line Crossing	Pole Line	12 KV	PG&E
46.98				Ladder	Steel		
47.02	2577+30.00	419.41		Parallel Toe Drain	CMP	18"	
47.02	2577+40.00	419.41	Left	Underdrain			
47.02	2577+40.00	419.41		Bridge #FRES-040	Conc	16' Rdwy	Road 136, H-20, Farm

47.02	2577+40.00	419.41	D/S	Pipe Crossing	Steel	10"	Pipe
47.02	2577+40.00	419.41	D/S	Power Line Crossing	Pole Line	12 KV	PG&E
47.03	2578+15.00	419.40	Right	Turnout	Conc Bbl	36"	O.C.I.D. #10
47.10				Ladder	Steel		
47.20				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
47.37	2581+75.00	419.38	Left	Inlet Drain	CMP / w flap vlvs	30"	
47.37	2581+75.00	419.38	Left	Sump Pump	Berkeley	2 Hp / 3 ph	
47.37	2581+75.00	419.38	Right	Sump Pump	Pacific Pump	1.5 Hp / 3 ph	(Power Service Disconnected)
47.75	2615+75.00	419.17	Left	Inlet Drain	CMP / w flap vlvs	30"	
47.75	2615+75.00	419.17	Left	Sump Pump	Johnston	2 Hp / 1 ph	
47.97	2627+50.00	419.10		Bridge #46CO224	Conc	16' Rdwy	Ave. 436, H-50, County
47.97	2627+50.00	419.10	D/S	Pipe Crossing	Steel	12"	
48.00	2629+18.40	419.09		Power Line Crossing	Pole Line	12 KV	PG&E
48.04	2631+46.95	419.08	D/S	Pipe Crossing	Steel	12"	
48.34				Parallel Toe Drain	CMP	30"	
48.34	2647+38.84	418.98		Bridge #FRES-041	Timber	16' Rdwy	H-15, Farm
48.46	2653+74.67	418.94		Irrigation Crossing	Steel	8"	
48.55	2658+31.67	418.92		Power Line Crossing	Pole Line	12 KV	PG&E
48.58	2659+55.42	418.91	Right	Turnout	Conc Bbl	36"	O.C.I.D. #11
48.59	2660+61.25	418.90	U/S	Pipe Crossing	Steel	12"	Pipe
48.59	2660+61.25	418.90		Bridge #46CO225	Conc	24' Rdwy	Ave. 432 - Road 144, H-50, (4 Way Bridge), County
48.59			D/S	Telephone Crossing	Pole Line	Cable	
48.59			D/S	Power Line Crossing	Pole Line	12 KV	PG&E

48.60	2661+59.17	418.89	Left	Parallel Toe Drain	CMP	2 - 30"	
48.69	2665+51.00	418.87	Right	Underdrain	Conc	2 - 6' x 4.5'	(Nigger Head Creek) (T.15S., R.25E.)
48.99				Parallel Toe Drain	CMP	24"	(T.16S., E.25E.)
48.99	2681+41.00	418.78		Bridge #FRES-042	Conc	16' Rdwy	Road 146, H-50, County
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
49.10	2684+34.70	418.77		Pipe Crossing	Steel	6"	(Under Canal)
49.23	2695+50.00	418.70		Telephone Crossing	Steel Pipe	2"	PT&T
49.23	2695+50.00	418.70		Bridge #46CO226	Conc	16' Rdwy	Ave. 428, H-50, County
49.37	2703+15.00	418.66	Left	Inlet Drain	CMP / w flap vlvs	2 - 18"	
49.56	2715+00.00	418.60	Left	Parallel Toe Drain	CMP	24"	
49.56	2715+00.00	418.60		Bridge #FRES-043	Conc	16' Rdwy	Road 148, H-50, County
49.56	2715+00.00	418.60		Pipe Crossing	Steel	8"	
49.75	2724+52.80	418.54		Underdrain	Conc Bbl	4.5' x 3'	
49.87	2731+20.00	418.50	Right	Turnout	Conc Bbl	2 - 30"	O.C.I.D. #12
49.89	2732+48.80	418.48		Power Line Crossing	Pole Line	12 KV	PG&E
50.03	2739+48.80	418.44		Power Line Crossing	Pole Line	12 KV	PG&E
50.17	2747+07.33	418.40	U/S	Power Line Crossing	Pole Line	12 KV	PG&E
50.17	2747+07.34	418.40		Bridge #46CO228	Conc	24' Rdwy	Road 152, H-50, County
50.17	2747+07.35	418.40	D/S	Telephone Crossing	Pole Line	Cable	PT&T
50.22	2749+48.37	418.39		Irrigation Crossing	Steel	5"	Pipe
50.38	2757+69.40	418.34	Left	Parallel Toe Drain		30"	
50.38	2757+69.40	418.34	U/S	Pipe Crossing	Steel	8"	Pipe
50.38	2757+69.40	418.34		Bridge #FRES-044	Timber	16' Rdwy	H-10, Farm
50.38	2757+69.40	418.34	Left	Turnout	CMP	10"	Thru Bank - O.C.I.D. #12 (Abandoned)
50.72	2776+70.00	418.23		Underdrain	Conc Bbl	1 - 5' x 5'	
50.74	2777+45.00	418.22	U/S	Pipe Crossing	Steel	8"	Pipe
50.74	2777+45.00	418.22		Bridge #FRES-045	Timber	16' Rdwy	H-15, Farm
51.01	2792+00.00	418.14		Underdrain	Conc Bbl	1 - 5' x 4'	

Milepost	Station	Design Invert	Location	Description	Type	Size	Misc. Notes
51.62	2823+93.00	417.94	Left	Turnout	Conc Bbl	30"	O.C.I.D. #13
51.63			U/S	Power Line Crossing	Pole Line	12 KV	PG&E
51.63			U/S	Telephone Crossing	Pole Line	2 Cable	
51.63			U/S	Pipe Crossing	Steel	26"	Pipe
51.63	2824+61.25	417.93		Bridge #46CO093	Conc	26' Rdwy	Ave. 416 - El Monte Way, H-50, County
51.86	2837+24.00	417.87	U/S	Cattle Guard	Rails	8' x 12'	with 10" CMP Drain
51.86	2837+50.00	417.87	Left	Parallel Toe Drain	Steel	48"	
51.86	2837+50.00	417.87		Bridge #FRES-046	Timber	16' Rdwy	H-15, Farm
51.87	2837+76.00	417.87	D/S	Cattle Guard	Rails	8' x 12'	with 10" CMP Drain
52.44			Right	Turnout	Steel	12"	Over the Bank O.C.I.D. #14N
52.46	2865+00.92	417.70		Underdrain	Conc Bbl	2 - 6.5' x 4.5'	With 10" Pipe thru Culvert
52.48	2865+82.30	417.70	Left	Parallel Toe Drain	CMP	30"	
52.48	2865+82.30	417.70		Bridge #FRES-047	Timber	16' Rdwy	H-10, Farm
52.49				Power Line Crossing	Pole Line	12 KV	PG&E
52.98	2892+00.00	417.50		End Earth Lined Section	Earth	64'	Earth Lined Section #5
52.98	2892+00.00	417.50		Begin Transition	Conc	64'	Beginning
52.99	2892+64.00	416.95	U/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
53.00	2892+75.00	416.95		End Transition	Conc	36'	Ending
53.00	2892+75.00	416.95		Begin Lined Section	Conc	36'	Lined Section #3
53.00	2892+95.00	416.95		Bridge #FRES-048	Timber	16' Rdwy	New Conc. Bents 1963, H-10, Farm
53.01	2893+26.00	416.85	D/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
53.10				Ladder	Steel		
53.18	2902+16.00	416.87	Left	Inlet Drain	CMP	18"	
53.26	2904+69.13	416.85	U/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
53.27	2904+97.13	416.85		Bridge #FRES-049	Timber	16' Rdwy	H-15, Farm

53.28	2905+25.13	416.85	D/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
53.32	2907+48.23	416.81	Right	Turnout	Conc Bbl	30"	O.C.I.D. #14
53.36	2912+02.80	416.77		Pipe Crossing	Steel	4"	Pipe Under Canal
53.42				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
53.81	2924+00.00	416.67		Bridge #FRES-050	Timber	16' Rdwy	H-15, Farm
53.81	2924+00.00	416.67	D/S	Pipe Crossing	Steel	6"	Pipe
53.81	2924+00.00	416.67		Parallel Toe Drain	Conc	20"	
53.85				Ladder	Steel		
53.92				Ladder	Steel		
54.04	2948+00.00	416.44		Underdrain	Conc Bbl	4.5' x 4'	
54.25	2959+30.00	416.35		Power Line Crossing	Steel Towers	2 - 220 KV	SCE
54.27				Ladder	Steel		
54.27	2960+30.00		Right	Turnout	Steel Pipe	8"	Over-The-Bank Diversion (Abandoned)
54.31	2961+61.17	416.32		Bridge #FRES-051	Timber	24' Rdwy	Farm (Removed due to Burn)
54.31	2961+61.17	416.32	Left	Parallel Toe Drain	CMP	24"	
54.66	2980+71.37		U/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
54.67	2980+98.37	416.12		Bridge #FRES-052	Timber	16' Rdwy	H-15, Farm
54.68	2981+25.37		D/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
54.75	2985+30.99	416.10		Pipe Crossing	Steel Pipe	6"	(Under Canal)
54.80				Ladder	Steel		
55.20	3006+78.58	415.90		Power Line Crossing	Steel Towers	2 - 220 KV	SCE
55.25	3011+50.00	415.86	Left	Inlet Drain	CMP	6 - 30"	
55.28				Ladder	Steel		
55.57	3028+66.00	415.72	U/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
55.58	3029+00.00	415.72		Bridge #FRES-053	Timber	16' Rdwy	H-15, Farm
55.58	3029+00.00	415.72	D/S	Pipe Crossing	Steel	2"	

55.59	3029+34.00	415.72	D/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
55.59			Left	Inlet Drain	CMP	24"	
55.70				Ladder	Steel		
55.98	3050+00.00	415.50	Left	Inlet Drain	CMP	3 - 21"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
56.20				Ladder	Steel		
56.33	3070+00.00	415.33	Left	Inlet Drain	CMP	4 - 30"	
56.43				Ladder	Steel		
56.74				Ladder	Steel		
56.77	3092+95.00	412.12	Left	Inlet Drain	CMP	3 - 24"	
56.78	3092+97.00	412.12	Right	Turnout	Steel Pipe	2 - 8"	S.C.I.D. Over-The-Bank Diversion
56.87	3098+86.00	415.06	U/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
56.88	3099+20.00	415.06		Bridge #FRES-054	Timber	16' Rdwy	H-15, Farm
56.89	3099+50.00	415.06	D/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
56.98			Left	Inlet Drain	CMP	10"	
57.12	3112+00.00	414.95		End Lined Section	Conc	36'	Lined Section #3
57.12	3112+00.00	414.95		Begin Transition	Conc	36'	Beginning
57.14	3112+75.00	415.43		End Transition	Conc	58'	Ending
57.14	3112+75.00	415.43		Begin Earth Lined Section	Earth	58'	Earth Lined Section #6
57.14	3112+87.50	415.43	Left	Inlet Drain	CMP / w flap vlvs	2 - 24"	
57.16				Power Line Crossing			
57.25				Ladder	Steel		
57.35				Ladder	Steel		
57.50				Ladder	Steel		
57.70				Ladder	Steel		
57.76	3145+55.00	415.23	Left	Inlet Drain	CMP / w flap vlvs	48"	
57.90				Ladder	Steel		

57.94	3155+36.00	415.18	Right	Turnout	Conc	36"	S.C.I.D. #1
57.95	3155+97.61	415.17	U/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain
57.96	3156+33.61	415.17		Bridge #FRES-055	Timber	16' Rdwy	H-10, Farm
57.96	3156+33.61	415.17	Left	Parallel Toe Drain	CMP	10"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
57.97	3156+60.61	415.17	D/S	Cattle Guard	Rails	12' x 8'	with 10" CMP Drain (T.16S., R.25E.)
58.00				Ladder	Steel		(T.16S., R.26E.)
58.10				Ladder	Steel		
58.50				Ladder	Steel		
58.55				Ladder	Steel		
58.60				Ladder	Steel		
58.62	3191+00.00	414.96		Underdrain	Conc Bbl	2 - 4.25' x 3.5'	
58.75				Ladder	Steel		
58.75	3191+10.00	414.98		Power Line Crossing	Pole Line	12 KV	PG&E
58.81	3201+00.00	414.90		Bridge #46CO229	Conc	16' Rdwy	Ave. 394, H-50, County
58.81	3201+00.00	414.90	Left	Parallel Toe Drain	CMP	30"	
58.82	3201+28.60	414.89		Prism Widens	Earth	64'	Widens From 58' to 64'
58.84	3202+58.40	414.89		Power Line Crossing	Pole Line	12 KV	PG&E
58.85	3203+65.18	414.88		Pipe Crossing	Steel Pipe	6"	(Under Canal)
59.10	3216+16.60		U/S	Power Line Crossing	Pole Line	12 KV	PG&E 3-Wire
59.10	3216+16.60		U/S	Telephone Crossing	Pole Line	2 Drops	PT&T
59.13	3217+75.00	414.80	U/S	Pipe Crossing	Steel Pipe	12"	Pipe
59.13	3217+75.00	414.80		Bridge #46CO230	Conc	16' Rdwy	Road 176, H-50, County
59.24	3223+44.00	414.76	Left	Inlet Drain	CMP / w flap vlvs	24"	
59.33	3228+23.23	414.74	Right	Turnout	Conc Bbl	2 - 30"	S.C.I.D. #2
59.42	3233+26.23	414.70	Right	Sump Pump	Byron - Jackson	1 Hp / 1 ph	
59.86	3256+85.00	414.57		Underdrain	Conc Bbl	4.5' x 3.5'	

59.87	3257+50.00	414.56	U/S	Pipe Crossing	Steel Pipe	12"	Pipe
59.87	3257+50.00	414.56		Bridge #46CO231	Conc	16' Rdwy	Road 180, H-50, County
59.87	3257+50.00	414.56	Left	Parallel Toe Drain	CMP	18"	
59.93	3260+66.60	414.55		Power Line Crossing	Pole Line	12 KV	PG&E
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
59.93				Telephone Crossing	Joint Line	3 Drops	
59.95	3261+49.00	414.54		Pipe Crossing	Steel	8"	Pipe
60.11	3270+07.00	414.48		Power Line Crossing	Pole Line	12 KV	PG&E
60.11	3270+07.00	414.48		Telephone Crossing	Joint Line		
60.20	3279+82.00			Power Line Crossing	Pole Line	12 KV	
60.20	3279+82.00			Telephone Crossing	Joint Line	2 ccts	
60.50	3291+25.00	414.37	Left	Parallel Toe Drain	CMP	24"	
60.50	3291+25.00	414.37		Bridge #46CO232	Conc	26' Rdwy	Road 184, H-50, County
60.50	3291+25.00	414.37	D/S	Pipe Crossing	Steel	12"	Pipe
60.93	3314+10.00	414.23	Right	Turnout	Conc Bbl	30"	S.C.I.D. #3
60.94				Power Line Crossing	Pole Line	12 KV	PG&E
60.94			U/S	Telephone Crossing	Cable		PT&T
60.95	3315+06.40	414.22	Left	Parallel Toe Drain	CMP	18"	
60.95	3315+06.40	414.22		Bridge #46CO065	Conc	26' Rdwy	Dodge Ave. - Ave. 384, H-50, County
60.95	3315+06.40	414.22	D/S	Pipe Crossing	Steel	10"	
60.96	3315+85.00	414.22		Underdrain	Conc Bbl	2 - 5' x 4'	
61.02	3318+00.00	414.22	U/S	Recorder House	Conc Block	7' x 9'	Dodge Ave, SCADA Electronic Equip., Radio Communications, Radio Check Alarm Littleman Auto Control, Electrical Equipment, A-35 Stevens Recorder, Pole (30') w/2 Antennas
61.02				Float Line			Safety

61.03	3318+70.00	414.22		Check	Radial Gates	3 - 20' x 18'	Dodge Ave.
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
61.03			Right	Utility Pole		35'	SCADA & Electronic Panel, Electrical Equipment Panel, Electrical Equipment, A-35 Stevens Recorder
61.04				END OF ORANGE COVE SECTION			(T.16S., R.26E.)
61.04				BEGIN LINDSAY SECTION			(T.17S., R.26E.)
61.08		414.10	D/S	Recorder House	Conc Block	6' x 6'	SCADA & Electrical Equip.
61.38	3337+60.00	414.09	Left	Parallel Toe Drain	CMP	18"	
61.38	3337+60.00	414.09	U/S	Pipe Crossing	Steel	4"	Under Operating Road
61.38	3337+60.00	414.09		Bridge #FRES-056	Timber	16' Rdwy	Ave. 380, H-15, Farm
61.38	3337+60.00	414.09	D/S	Pipe Crossing		10"	Pipe
61.63	3351+00.00	414.01	Left	Turnout	Conc Bbl	3 - 42"	(Abandoned)
61.99	3369+00.00	413.89		End Earth Lined Section	Earth	64'	Earth Lined Section #6
61.99	3369+00.00	413.89		Begin Transition	Conc	64'	Beginning
62.00	3369+75.00	413.34		End Transition	Conc	36'	Ending
62.00	3369+75.00	413.34		Begin Lined Section	Conc	36'	Lined Section #4
62.02	3370+75.00	413.33		Bridge #46CO233	Conc	24' Rdwy	Ave. 376, H-20, County
62.02				Underdrain	Steel	6"	Pipe
62.04	3370+80.00	413.32		Power Line Crossing	Pole Line	12 KV	
62.04				Telephone Crossing	Joint Line	1 cct	
62.09				Ladder	Steel		
62.26	3382+64.00	413.22	Left	Inlet Drain	CMP	12"	

62.34				Ladder	Steel		
62.35	3396+64.00	413.15		Power Line Crossing	Pole Line	12 KV	PG&E
62.48	3403+43.21		Left	Inlet Drain	CMP	12"	
62.50				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
62.65	3411+00.27	413.02	Left	Inlet Drain	CMP / w flap vlvs	18"	
62.68	3412+42.96	413.00	Right	Turnout	Conc Bbl	24"	S.C.I.D. #4
62.75				Ladder	Steel		
63.07	3426+43.50	412.82		Bridge #FRES-057	Timber	16' Rdwy	H-10, Farm (Removed)
63.13	3429+54.03			Power Line Crossing	Steel Towers	220 KV	SCE - 3 Wire - New Power Line Crossing - (2014)
63.34	3439+85.00	412.69	Left	Inlet Drain	CMP / w flap vlvs	18"	
63.35	3440+50.00	412.68		Bridge #FRES-058	Timber	16' Rdwy	H-15, Farm
63.41				Ladder	Steel		
63.55				Ladder	Steel		
63.75				Ladder	Steel		
63.82	3465+95.00	412.45	Left	Inlet Drain	CMP / w flap vlvs	18"	
64.02				Ladder	Steel		
64.19	3484+85.00	412.35	Left	Inlet Drain	CMP / w flap vlvs	18"	
64.19	3485+06.51	412.35	Left	Drainage Inlet	Conc	8'	
64.45	3498+20.00	412.15	Left	Inlet Drain	CMP / w flap vlvs	18"	
64.45	3498+38.25	412.14	Left	Drainage Inlet	Conc	11'	
64.46			U/S	Pipe Crossing	Steel	10"	Pipe
64.46	3498+95.00	412.12		Bridge #FRES-059	Timber	16' Rdwy	H-10, Farm
64.50				Ladder	Steel		

64.80				Ladder	Steel		
64.95				Ladder	Steel		
65.02	3530+25.00	411.88	Left	Inlet Drain	CMP	18"	
65.04	3531+00.00	411.86	Right	Turnout	Conc Bbl	30"	Ivanhoe I.D. #1
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
65.05				Parallel Toe Drain	CMP	18"	
65.05	3531+52.75	411.85		Bridge #FRES-060	Timber	16' Rdwy	H-10, Farm (Removed)
65.20				Ladder	Steel		
65.30				Ladder	Steel		
65.40	3549+95.60	411.75		Pipe Crossing	Steel Pipes	1" & 12"	
65.50				Ladder	Steel		
65.60	3580+00.00	411.36	Right	Inlet Drain	CMP	8"	
65.90				Ladder	Steel		
66.10				Ladder	Steel		
66.24			U/S	Telephone Crossing	Pole Line	3 - Drops	
66.24	3594+81.00	411.28		Bridge #FRES-061	Conc	16' Rdwy	Road 192, H-20, Farm
66.25	3595+61.00	411.28	D/S	Power Line Crossing	Pole Line	12 KV	PG&E
66.35				Ladder	Steel		
66.46	3606+30.00	411.17	Right	Turnout	Conc	(1) 48" Sq. (1) 15" Rnd. Slide Gates	Ivanhoe I.D. & Cottonwood Creek
66.47				Float Line			Safety
66.47	3606+56.00	411.17	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Cottonwood Creek & A.T. & S.F.R.R.
66.47	3606+88.00	410.11	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet for Cottonwood Creek & A.T. & S.F.R.R.

66.47	3606+88.00	410.11		Chain Link Fence	Chain Link	6'	On Inlet Headwall
66.47	3606+88.00	410.11	U/S	Bridge #FRES-062	Timber	16' Rdwy	Entrance, Crosses Over Cottonwood Creek, H-20, Operating
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
66.49	3607+81.00	410.43	D/S	Bridge #FRES-062	Timber	16' Rdwy	Exit, Crossed Over Cottonwood Creek, H-20, Operating
66.52	3608+79.52	410.43		Railroad Crossing	1 Track	10'	A.T. & S.F.R.R. (Abandoned)
66.53	3609+17.00	410.43		Chain Link Fence	Chain Link	6'	On Outlet Headwall
66.53	3609+17.00	410.43	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet for Cottonwood Creek & A.T. & S.F.R.R.
66.53	3609+49.00	410.43	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Cottonwood Creek & A.T. & S.F.R.R.
66.57				Ladder	Steel		
66.60	3613+32.45	410.39	U/S	Pipe Crossing	Steel	12"	
66.60	3613+50.00	410.39		Bridge #FRES-063	Timber	16' Rdwy	H-15, Farm
66.60			D/S	Power Line Crossing		12 KV	PG&E
66.74	3618+88.78	410.34		Pipe Crossing	Steel	12"	
66.80				Ladder	Steel		
66.90				Ladder	Steel		
67.05				Low Flow Bypass	H-100	12"	Transite
67.05	3637+33.00	410.17	Right	Turnout	Conc Bbl	3 - 42"	Ivanhoe I.D. #2
67.09				Float Line			Safety
67.09	3639+28.00	410.15	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Ave. 344 & Millwood Dr.

67.09	3639+60.00	409.65	U/S	Siphon	Conc	5 - 11' x 11'	Inlet
67.09	3639+60.00	409.65		Chain Link Fence		5'	On Inlet Headwall
67.10				Power Line Crossing	Pole Line	12 KV	PG&E
67.10				Telephone Crossing	Pole Line	Cable	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
67.10	3640+31.75	409.65		Roadway	Asphalt	80' Rdwy	State Route 216 - Ave. 344
67.11	3640+69.03	409.65		Roadway	Asphalt	100' Rdwy	Millwood Drive - Ave. 328
67.14				CVP Sign			Double
67.14				Guard Rail			Safety Barrier from Ave. 344
67.14	3641+38.00	409.65		Chain Link Fence		5'	On Outlet Headwall
67.14	3641+38.00	409.65	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet
67.14	3641+70.00	409.65	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Ave. 344 & Millwood Dr.
67.25				Ladder	Steel		
67.53				Ladder	Steel		
67.61	3667+09.47	409.42		Power Line Crossing	Pole Line	12 KV	SCE
67.61	3667+09.47	409.42		Pipe Crossing	Steel	12"	
67.75				Ladder	Steel		
68.00				Ladder	Steel		
68.10		409.17		Power Line Crossing	Pole Line	12 KV	SCE
68.13	3684+10.68	409.17		Low Flow Bypass	Transite	1 - 10"	H-100
68.13				Float Line			Safety
68.13	3684+10.68	409.17	Left	Sump Pump	Fairbank/Morse	1 Hp / 1 ph	
68.13	3684+10.68	409.17	Right	Turnout	Conc Pipes	2 - 36"	Ivanhoe I.D. #3

68.14	3684+48.19	409.17	Right	Turnout	Slide Gates	2 - 6.75' x 6.75'	Structure, T.I.D. #1
68.14				Float Line			Safety
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
68.14			D/S	Recorder House	Conc Block	6' x 9'	Is located 260' from structure on T.I.D. canal, SCADA & Electrical Equip., Electrical Equip., Littleman Auto Control, A-35 Stevens Recorder, Pole (30') w/Antenna
68.14	3684+77.11	409.16	U/S	Siphon Inlet Transition	36'	Conc	Inlet Transition - A.T. & S.F.R.R. & Road 196
68.14	3685+09.11	408.65	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet, A.T. & S.F.R.R. & Road 196
68.14				Chain Link Fence		6'	On Inlet Headwall
68.14	3685+59.11	406.65		Railroad Crossing			Track (Abandoned)
68.15	3686+40.53	406.65		Roadway	Asphalt	50' R/W	Road 196
68.18			Right	Cross Drain	CMP	18"	
68.18	3686+75.31	407.81	Left	Cross Drain	CMP	18"	
68.19				Telephone Crossing	Joint Line	Cable	
68.19				Power Line Crossing	Pole Line	12 KV	
68.19				Chain Link Fence		6'	On Outlet Headwall
68.19	3686+96.11	408.65	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet, A.T. & S.F.R.R. Road 196
68.19	3687+28.11	408.65	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - A.T. & S.F.R.R. & Road 196
68.21				Ladder	Steel		
68.31	3693+75.11	408.40		Power Line Crossing	Pole Line	12 KV	SCE

68.50				Ladder	Steel		
68.57	3707+28.11	408.38	Left	Sump Pump	B.J.	5 Hp / 3 ph	
65.85	3711+81.41		Right	Parallel Toe Drain	CMP	24"	
65.85	3711+81.41		Left	Parallel Toe Drain	CMP	18"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
68.65	3711+81.41	408.35		Bridge #46CO234	Conc	24' Rdwy	Ave. 336, H-50, County
68.65				Power Line Crossing	Pole Line	12 KV	SCE
68.83	3720+88.00	408.32		Irrigation Crossing	Steel	10"	
68.86				Ladder	Steel		(T.17S., R.26E.)
68.96	3727+80.00	408.28		Bridge #FRES-064	Timber	16' Rdwy	H-15, Farm (T.18S., R.26E.)
69.01	3730+07.00	408.24		Irrigation Crossing	Steel	8"	
69.08				Ladder	Steel		
69.08	3734+00.00	408.22	Right	Turnout	Conc Bbl	2 - 5.5' x 5.5'	Wutchumna, (Abandoned) (Backfilled Nov. 1968)
69.13	3736+63.00	408.20		Siphon	Conc Bbl	2 - 6'-10" x 6'-10"	For Wutchumna Ditch Under FKC
69.15	3736+73.00	408.18	Left	Exchange Feature	Conc	24"	L.S.I.D. (Inlet)
69.22	3741+89.00	408.14		Irrigation Crossing	Steel Pipe	18"	
69.23				Power Line Crossing	Pole Line	12 KV	SCE
69.23				Telephone Crossing	Joint Line	Cable	
69.23	3742+38.20			Parallel Toe Drain	Steel	6"	
69.23	3742+38.20	408.14		Bridge #46CO235	Conc	24' Rdwy	Road 204, H-50, County
69.33				Ladder	Steel		
69.42				Equipment			SCADA & Elect. Panels
69.42	3765+75.00	408.04		Waste Way	Top Seal Gates	4 - 10' x 7'	St. Johns River
69.42	3765+75.00	408.03	Right	Road Drain			

69.45	3767+33.00		D/S	Recorder House	Conc Block	4' x 4'	SCADA & Elect. Equip., Pole (30') & Antenna
69.45	3767+40.00	408.02	Right	Over the Bank Pump	Steel Pipe	8 - 42"	
69.47				Float Line			Safety
69.47				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
69.48	3767+70.10	408.02	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - St. Johns River
69.48	3768+02.10	406.18	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet, St. Johns River
69.48	3768+02.10	406.18		Chain Link Fence		5'	On Inlet Headwall
69.48	3768+24.36	406.18	U/S	Bridge #FRES-065	Timber	16' Rdwy	Entrance, Crosses Over St. Johns River, H-10, Operating
69.52	3769+68.60			River			Center Line St. Johns River
69.56	3771+19.22	407.17	D/S	Bridge #FRES-065	Timber	16' Rdwy	Exit, Crosses Over St. Johns River, H-10, Operating
69.56	3771+35.10	406.18		Chain Link Fence	Chain Link	5'	On Outlet Headwall
69.56	3771+35.10	406.18	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet, St. Johns River
69.56	3771+67.10	407.17	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - St. Johns River
69.56	3771+67.10	407.17		Begin Transition	Conc	36'	Begin Prism Widening
69.58	3771+68.00	407.17 to 413.60	Left	Over the Bank Pump	Steel Pipe	4 - 42"	
69.58	3772+17.60	413.60		End Transition	Conc	88'	End Prism Widening
69.58				Ladder	Steel		

69.67				Ladder	Steel		
69.70				Ladder	Steel		
69.77				Ladder	Steel		
69.87				Ladder	Steel		
69.90				Ladder	Steel		
69.94	3791+98.00	413.40		Siphon - Irrigation Ditch	Conc Bbl	3' x 3'	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
69.96				Ladder	Steel		
70.16				Ladder	Steel		
70.27	3809+72.54	413.23	U/S	Power Line Crossing	Pole Line	12 KV	SCE
70.28	3809+82.46	413.23	U/S	Telephone Crossing	Joint Line	Cable	PT&T
70.28	3810+07.98	413.22	U/S	Pipe Crossing	Steel	2"	Pipe
70.28	3810+07.98	413.22		Bridge #46CO236	Conc	24' Rdwy	Ave. 328, H-50, County
70.35				Ladder	Steel		
70.36	3814+31.00			Recorder House	Conc Block	4' x 8'	(Abandoned)
70.40				Ladder	Steel		
70.45				Ladder	Steel		
70.50				Ladder	Steel		
70.55				Ladder	Steel		
70.73	3833+83.98			Sump Pump	Peerless Pump	25 Hp / 3 ph	Ground Water (Abandoned)
70.79				Ladder	Steel		
70.85	3854+84.30			Sump Pump	B.J. Pump	25 Hp / 3 ph	Ground Water (Abandoned)
70.90				Ladder	Steel		
70.98				Ladder	Steel		
71.06				Ladder	Steel		
71.12	3867+92.29	412.74		Begin Transition	Conc	88'	Begin Prism Narrowing
71.12	3868+16.05	406.40		Power Line Crossing	Pole Line	12 KV	SCE

71.12				Telephone Crossing	Joint Line	Cable	
71.13				Ladder	Steel		
71.13	3868+42.29	406.39		End Transition	Conc	36'	End Prism Narrowing
71.18	3870+38.00			Bridge #46CO237	Conc	24' Rdwy	Ave. 322, H-50, County
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
71.20	3871+44.00		U/S	Recorder House	Conc Block	10' x 12'	Kaweah River, SCADA Electronic Equip., Radion Check Alarm, Littleman Auto Control, A-35 Stevens Recorder, Radio Communications, Pole, 2 Antennas & Yard Light
71.20	3871+44.00	406.36		Pump	1.5 Hp / 1 ph		Residence - Sprinkler System
71.20	3875+90.00			Ditchriders Residence			Kaweah River
71.28	3876+12.67			Float Line			Safety
71.28	3876+18.67	406.32	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Kaweah River
71.29				Utility Pole		30'	Pole & Anchor w/guy, Electrical Equip., SCADA Electronic Equip.
71.29			Left	Parallel Toe Drain	CMP / w flap vlvs	(2) 48" x 46'	Drains Into Kaweah River
71.29				Equipment	220 Volt		SCADA, Crossing
71.29	3876+26.60	410.00		Waste Way	Radial Gates	2 - 11' x 14'	Kaweah River
71.29	3876+50.67	406.32		Check	Radial Gates	5 - 11' x 11'	Kaweah River

71.29				Power Line Crossing			Across the Kaweah River
71.30	3877+18.00	406.32	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet, Kaweah River
71.30	3877+18.00	406.32		Chain Link Fence		6'	On Inlet Headwall
71.33	3878+51.75	393.50		Kaweah River Channel			Kaweah River
71.37	3879+85.00	406.28		Chain Link Fence		6'	On Outlet Headwall
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
71.37	3879+85.00	406.28	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet, Kaweah River
71.37	3880+15.00	406.28	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Kaweah River
71.37			D/S	Utility Pole	Pole & Down Guy	30'	Kaweah River, Terminal Pole for SCADA & Power Cable Crossing
71.40				Ladder	Steel		
71.44	3884+18.00	406.20	D/S	Recorder House	Conc Block	4' x 6'	SCADA Electronic Equip. & Electrical Equip.
71.64	3894+30.00	406.16		Pipe Crossing	Conc Bbl	3.0' x 3.0'	Underdrain
71.65	3894+90.00	406.07		Weir	Steel & Timber	5' x 36'	Control
72.02	3914+36.00	405.99		Power Line Crossing	Pole Line	12 KV	SCE
72.12				Ladder	Steel		
72.24				Ladder	Steel		
72.24	3926+65.82	405.99		Weir	Steel & Timber	5' x 36'	Control
72.25				CVP Sign			Double
72.25	3926+90.82	405.90		Bridge #460145	Conc	26' Rdwy	State Hwy. 245 - Ave. 314, H-50
72.25	3927+16.35	405.90	D/S	Power Line Crossing	Pole Line	12/70 KV	SCE
72.25	3927+18.05	405.90	D/S	Telephone Crossing	Joint Line	Wire	

72.35				Ladder	Steel		
72.51	3940+45.00	405.79		Bridge #FRES-066	Conc	16' Rdwy	H-15, Farm
72.51			D/S	Pipe Crossing	Steel Pipe	8"	Pipe
72.52	3941+03.00	405.78	Left	Turnout	Conc Bbl	3' x 3'	Exeter I.D. E-1
72.60				Ladder	Steel		
72.80				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
72.85	3958+50.00	405.36		Underdrain	Conc Bbl	2 - 5.0' x 5.0'	
72.85	3958+50.00	405.36	Right	Sump Pump	Westing House	5 Hp / 3 ph	
73.00				Ladder	Steel		
73.04	3971+73.00	405.27		Power Line Crossing	Pole Line	12 KV	SCE
73.32				Ladder	Steel		
73.39	3987+00.00	405.12		Power Line Crossing	Pole Line	12 KV	SCE
73.40	3987+50.00	405.12	Right	Private Drain Pump	Steel Pipe	8"	In Culvert - West Side
73.40	3987+50.00	405.12		Underdrain	Conc Bbl	3.0' x 3.0'	
73.50				Ladder	Steel		
73.62	3999+12.00			Inlet Drain	Pipe thru Lining	7 - 2"	(French)
73.74				Float Line			Safety
73.74				Ladder	Steel		
73.74	4005+63.00	405.25	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Yokohl Creek
73.74	4005+93.00	404.00	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet Yokohl Creek
73.74	4005+93.00	404.00		Chain Link Fence	Chain Link	6'	On Inlet Headwall
73.74	4005+99.00	397.83		Bridge #FRES-067	Timber	16' Rdwy	Entrance, Over Yokohl Creek, H-15 Operating

73.76	4006+85.00	397.83		Bridge #FRES-067	Timber	16' Rdwy	Exit, Over Yokohl Creek, H-15 Operating
73.77	4007+11.75	397.83		Power Line Crossing	Pole Line	66 KV	SCE
73.78	4007+36.75	397.83		Roadway	Asphalt	50' Rdwy	State Hwy. 245 - Road 204 Over Yokohl Creek Siphon
73.79	4007+61.75	397.83		Telephone Crossing	Conduit	2"	Under Ground
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
73.79	4007+94.00	404.00		Chain Link Fence	Chain Link	6'	On Outlet Headwall
73.79	4007+94.00	404.00	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet - Yokohl Creek
73.79	4008+24.00	404.79	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Yokohl Creek
73.81				Ladder	Steel		
73.99	4019+40.00	404.70		Underdrain	Conc Bbl	3.0' x 3.0'	
74.04				Ladder	Steel		
74.26			U/S	Pipe Crossing	Steel	8"	Pipe
74.26	4033+10.00	404.60		Bridge #FRES-068	Timber	16' Rdwy	H-10, Farm
74.26	4033+35.00	404.59		Pipe Crossing	Steel	10"	Pipe
74.32				Ladder	Steel		
74.51	4046+60.00	404.48		Pipe Crossing	Steel	10"	Pipe
74.54				Ladder	Steel		
74.71	4057+09.29	404.39		Bridge #46CO238	Conc	26' Rdwy	Ave. 300, H-50, County
74.71	4057+09.29	404.39	D/S	Gas Crossing	Pipe	4"	High Pressure Natural Gas (So. Cal. Gas Co.)
74.71	4057+09.29	404.39	D/S	Power Line Crossing	Pole Line	12 KV	
74.71	4057+20.33	404.39	D/S	Telephone Crossing	Joint Line		PT&T
74.80				Ladder	Steel		
74.90	4067+20.00	404.31		Bridge #FRES-069	Timber	16' Rdwy	H-15, Farm
74.98				Ladder	Steel		

74.99	4071+78.00	404.27		Irrigation Crossing	Steel	12"	
75.18	4081+97.00	404.19	Left	Turnout	Conc Bbl	3' x 3'	Exeter I.D. E-2
75.18	4081+97.00	404.19	Right	Turnout	Conc Bbl	3' x 3'	Exeter I.D. E-3
75.19				Ladder	Steel		
75.19				Float Line			Safety
75.19				Power Line Crossing	Pole Line	12 & 60 KV	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
75.19				CVP Sign			Double
75.19	4082+52.04	404.19	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - State Hwy. 198
75.19	4082+82.04	403.47	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet - State Hwy. 198
75.19	4082+82.04	403.47		Chain Link Fence	Chain Link	6'	On Inlet Headwall
75.21	4083+49.54	403.47		Roadway #460047	Asphalt	4 Lanes 110' Rdwy	State Hwy. 198
75.23	4084+17.04	403.47		Chain Link Fence	Chain Link	6'	On Outlet Headwall
75.23	4084+17.04	403.47	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet - State Hwy. 198
75.23	4084+47.04	403.86	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - State Hwy. 198
75.23				CVP Sign			Double
75.31				Ladder	Steel		
75.52				Ladder	Steel		
75.52	4100+01.00	403.73	Left	Inlet Drain	CMP / w flap vlvs	24"	
75.77	4112+91.54	403.63		Bridge #46CO182	Conc	26' Rdwy	Spruce Ave. - Road 204, H-50, County

75.77			D/S	Power Line Crossing	Pole Line	12 KV	SCE
75.80				Ladder	Steel		
76.00				Ladder	Steel		
76.20	4135+62.00	403.50	Left	Inlet Drain	CMP / w flap vlvs	24"	
76.21	4136+55.00	403.43	Left	Inlet Drain	CMP / w flap vlvs	24"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
76.28				Ladder	Steel		
76.35	4147+82.00	403.37	Right	Turnout	Conc	3' x 3'	Exeter I.D. E-4
76.37			U/S	Power Line Crossing	Pole Line	12 KV	SCE
76.37	4148+62.69	403.36		Bridge #46CO239	Conc	20' Rdwy	Marinette Ave. - Ave. 288, H-50, County
76.37			D/S	Telephone Crossing	Pole Line	Cable	
76.48	4154+79.66	403.31		Irrigation Crossing	Steel Pipe	12"	(T.18S., R.26E.)
76.70			Left	Inlet Drain	Steel	12"	Pump In (T.19S., R.26E.)
76.70				Ladder	Steel		
76.98	4181+22.00	403.09	Right	Turnout	Conc	3' x 3'	Exeter I.D. E-5
76.99	4182+50.00	403.08		Sump Pump	Lane & Boulder	7.5 Hp / 3 ph	
77.00	4182+51.00			Inlet Drain	CMP	10"	Flood Water Discharges into FKC
77.06				Ladder	Steel		
77.06				Float Line			Safety
77.06	4185+33.46	403.06	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Visalia Electric Railroad
77.06	4185+63.46	402.12	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet
77.06				Chain Link Fence	Chain Link	6'	On Inlet Headwall

77.08	4186+24.55	397.50		Railroad Crossing	Steel	1 - Track	Visalia Electric Railroad Track (Abandoned)
77.09	4186+24.56	397.50		Siphon	Conc Ditch		
77.10				Chain Link Fence	Chain Link	6'	On Outlet Headwall
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
77.10	4186+83.46	402.12	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet
77.10	4187+13.46	402.72	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Visalia Electric Railroad
77.15				Ladder	Steel		
77.20	4191+38.00	402.67		Pipe Crossing	Steel Pipe	8"	
77.22	4193+78.00	402.67		Pipe Crossing	Steel Pipe	10"	
77.24			U/S	Power Line Crossing	Pole Line	12 KV	SCE
77.24	4194+77.10	402.66		Bridge #46CO240	Conc	20' Rdwy	Whirt Ave. - Ave. 282, H-50, County
77.24			D/S	Gas Crossing	Steel	4"	High Pressure Natural Gas (So. Cal. Gas Co.)
77.24			D/S	Telephone Crossing	Pole Line	Cable	
77.34				Ladder	Steel		
77.50			U/S	Telephone Crossing	Pole Line	Cable	Continental Telephone Co.
77.50			U/S	Pipe Crossing	Steel	8"	
77.50	4208+57.76	402.54		Bridge #46CO241	Conc	26' Rdwy	Rocky Hill Drive - Ave. 280, H-50, County
77.50			D/S	Power Line Crossing	Pole Line	12 KV	SCE
77.51	4208+90.00	402.54	Left	Inlet Drain	CMP	30"	
77.60				Ladder	Steel		
77.70	4222+60.80	402.26		Pipe Crossing	Steel Pipe	10"	Pipe

77.88	4228+43.60	402.27	Left	Inlet Drain	CMP	26"	
77.89				Ladder	Steel		
78.06	4237+50.00	402.30	Left	Inlet Drain	CMP / w flap vlvs	42"	
78.08	4238+52.00	402.30	Right	Turnout	Conc	3' x 3'	Exeter I.D. E-6
78.10	4238+70.00			Power Line Crossing	Pole Line	440 Volts	SCE
78.11				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
78.22	4246+52.00	402.22	U/S	Power Line Crossing	Pole Line	12 KV	SCE
78.22	4246+52.00	402.22	D/S	Telephone Crossing	Pole Line	Cable	General Telephone Co.
78.30				Ladder	Steel		
78.44	4258+02.00	402.14	Left	Inlet Drain	CMP / w flap vlvs	2 - 30"	
78.60				Ladder	Steel		
78.97	4285+50.00	401.91	Left	Inlet Drain	CMP	36"	
79.12				Ladder	Steel		
79.15	4294+90.00	401.80	Left	Inlet Drain	CMP	10"	
79.23			U/S	Pipe Crossing	Steel	6"	Pipe
79.23	4299+55.85	401.80		Bridge #46CO242	Conc	26' Rdwy	Myer Ave. - Ave. 268, H-50, County
79.23			D/S	Pipe Crossing	Steel	4"	Pipe
79.24				Float Line			Debris & Control
79.24				Ladder	Steel		
79.24	4300+06.00	401.79	Right	Turnout	Conc Bbl	4' x 4'	Exeter I.D. E-7
79.25	4300+38.00	401.79	U/S	Recorder House	Conc Block	9' x 12'	Rocky Hill, SCADA Electronic Equip., Electrical Equip., Radio Voice Comm., Radio Check Alarm, Littleman Auto Control, A-35 Stevens Recorder, Pole (30') w/2 Antennas

79.25	4300+38.00	401.79		Check	Radial Gates	3 - 18' x 18'	Rocky Hill
79.37	4306+72.00		D/S	Recorder House	Conc Block	6' x 4'	Elect. & SCADA Equip. Rocky Hill
79.47				Ladder	Steel		(T.19S., R.26E.)
79.80				Ladder	Steel		(T.19S., R.27E.)
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
79.83			Right & Left	Raised Lining			Beginning - Prism Conc. - 36'
79.83			Right & Left	Liner Extension	Concrete		Beginning - Prism Conc. - 35'
79.83				Expanded Section	Concrete		Beginning
79.85	4332+00.00	401.53		Underdrain	Conc Bbl	4.0' x 4.0'	
79.88				Ladder	Steel		
80.04				Ladder	Steel		
80.06	4342+62.14	401.46	Left	Liner Extension	Conc		Prism Conc. - 35'
80.06			U/S	Power Line Crossing	Pole Line	12 KV	SCE
80.06			U/S	Pipe Crossing	Steel	12"	Pipe
80.06	4342+97.14	401.44		Bridge #46CO180	Conc	26' Rdwy	Road 216, H-50, County
80.06			D/S	Pipe Crossing	Steel	4"	Pipe
80.06			Left	Inlet Drain	CMP	10"	
80.14				Ladder	Steel		
80.18			Right	Liner Extension	Concrete		Ending - Prism Conc. - 35'
80.18			Right	Expanded Section	Concrete		Ending - Prism Conc. - 36'
80.25	4353+01.00	401.36	Left	Inlet Drain	CMP	2 - 24"	
80.27				Ladder	Steel		
80.47	4364+47.00	401.25	Left	Inlet Drain	CMP	10"	
80.49				Ladder	Steel		

80.54	4368+32.00	401.22	Left	Inlet Drain	CMP	18"	
80.67	4376+42.00	401.15	Left	Inlet Drain	CMP	8"	
80.70				Ladder	Steel		
80.85	4384+27.00	401.09		Power Line Crossing	Pole Line	12 KV	SCE
80.85	4384+27.00	401.09	Left	Inlet Drain	CMP	36"	
80.93	4389+02.00	401.05	Left	Inlet Drain	CMP	10"	
80.96				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
81.13	4399+58.00	400.96	Left	Inlet Drain	CMP	2 - 10"	
81.24	4405+03.00	400.92	Left	Inlet Drain	CMP	2 - 10"	
81.24				Ladder	Steel		
81.25	4405+03.00	400.92	Left	Inlet Drain	Steel	12"	Bk does not show this entrance
81.30	4408+37.63	400.90		Irrigation Crossing	Conc	30"	
81.33	4409+49.00	400.89		Irrigation Crossing	Steel	12"	
81.34	4410+69.00	400.87		Power Line Crossing	Pole Line	12 KV	SCE
81.35	4411+22.00	400.86	Left	Inlet Drain	CMP	10"	
81.36	4411+75.00	400.85	Left	Inlet Drain	CMP	10"	
81.38	4412+99.00	400.85		Telephone Crossing	Pole Line	Cable	General Telephone Co.
81.39	4413+51.00	400.83	Left	Inlet Drain	CMP	10"	
81.51				Ladder	Steel		
81.54	4419+30.00	400.80	Right	Turnout	Trans Pipe	12" & 20"	Lewis Creek W.D.
81.55	4421+23.00	400.79	Left	Drain Overchute	Conc	4'	
81.56			U/S	Telephone Crossing	Pole Line	Cable	
81.56	4421+53.35	400.79		Bridge #46CO243	Conc	20' Rdwy	Ave. 256 - Sycamore Ave., H-50, County
81.56	4421+53.35	400.79	D/S	Pipe Crossing	Steel	10"	Pipe
81.56			D/S	Power Line Crossing	Pole Line	12 KV	SCE
81.69	4428+39.00	400.76	Left	Inlet Drain	CMP	10"	
81.75			Right	Over the Bank Pump	Steel	4"	Temporary

81.75	4431+53.00	400.71	Left	Inlet Drain	CMP	2 - 30"	
81.76				Ladder	Steel		
81.89	4439+24.00	400.64		Pipe Crossing	Steel	10"	Pipe (Suspension Crossing)
81.91	4440+14.00	400.63	Left	Inlet Drain	CMP	10"	
82.02	4446+00.00	400.61	Left	Inlet Drain	CMP	10"	
82.06				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
82.07	4448+60.00	400.57	Left	Inlet Drain	CMP	10"	
82.15	4452+83.00	400.53	Left	Inlet Drain	CMP	10"	
82.19	4455+06.00	400.52	Left	Inlet Drain	CMP	10"	
82.24				Pipe Crossing	Steel	18"	Pipe
82.32				Ladder	Steel		
82.32	4461+46.00	400.43	Left	Inlet Drain	CMP	10"	
82.33	4461+47.00	400.43	Left	Inlet Drain	CMP	2 - 10"	
82.34	4462+90.00	400.43		Power Line Crossing	Pole Line	12 KV	
82.39	4465+03.50	400.43		Bridge #FRES-070	Timber	16' Rdwy	H-10, Farm, Landowner
82.40	4465+78.00	400.43		Telephone Crossing	Pole Line	Cable	General Telephone Co.
82.53				Ladder	Steel		
82.57	4474+50.00	400.35	Left	Inlet Drain	CMP / w flap vlvs	2 - 30"	
82.70	4481+40.55	400.29		Irrigation Crossing	Steel	12"	Encased in Concrete
82.71	4481+92.55	400.29		Bridge #46CO244	Conc	20' Rdwy	Ave. 248 - Burr Drive, H-15-44, County
82.71			D/S	Power Line Crossing	Pole Line	12 KV	
82.71			D/S	Telephone Crossing	Joint Line	Cable	
82.74	4483+69.50	400.28	Left	Inlet Drain	CMP	36"	Paper Shows Concrete
82.76				Ladder	Steel		
82.97	4496+09.00	400.18	Left	Inlet Drain	CMP	10"	
83.02	4498+75.00	400.16	Left	Inlet Drain	CMP	10"	
83.04				Ladder	Steel		

83.04	4500+80.00	400.14	Left	Inlet Drain	CMP	10"	
83.23	4509+50.00	400.06	Left	Inlet Drain	CMP	10"	
83.24			U/S	Pipe Crossing	Steel	16"	Irrigation
83.24	4509+97.66	400.06		Bridge #FRES-071	Timber	16' Rdwy	H-15, Farm
83.25	4510+73.00	400.06	Left	Inlet Drain	CMP	10"	
83.32	4514+46.00	400.02	Left	Inlet Drain	CMP	2 - 10"	
83.37				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
83.56				Ladder	Steel		
83.58	4528+02.00	399.91	Left	Inlet Drain	CMP	2 - 10"	
83.60	4529+50.00	399.90		Bridge #FRES-072	Timber	16' Rdwy	H-10, Farm
83.61	4529+73.80	399.90	Left	Inlet Drain	CMP	10"	
83.81				Ladder	Steel		
83.81	4540+02.00	399.81	Left	Inlet Drain	CMP	30"	
83.98	4549+26.00	399.74	Left	Inlet Drain	CMP / w flap vlvs	2 - 30"	
83.99	4549+79.00	399.74	Left	Inlet Drain	CMP / w flap vlvs	18"	
84.05				Ladder	Steel		
84.11	4556+12.94	399.68		Bridge #FRES-073	Timber	16' Rdwy	H-10, Farm
84.11	4556+12.94	399.68	D/S	Pipe Crossing	Steel	4"	Pipe
84.12	4556+67.00	399.68	Left	Inlet Drain	CMP	3 - 10"	
84.13	4557+12.00	399.68		Power Line Crossing	Joint Line	12 KV	SCE
84.13	4557+12.00	399.68		Telephone Crossing			
84.13	4557+12.00	399.68		Overchute	Steel	12"	Pipe
84.26	4563+96.00	399.62	Left	Inlet Drain	CMP	36"	
84.30				Ladder	Steel		
84.33	4567+76.00	399.58		Telephone Crossing	Pole Line		General Telephone Co.
84.34	4568+33.00	399.58		Power Line Crossing	Pole Line	12 KV	SCE
84.37	4569+88.00	399.57		Bridge #FRES-074	Conc	16' Rdwy	H-20, Farm (T.19S., R.27E.)

84.45	4574+04.00	399.54	Left	Inlet Drain	CMP / w flap vlvs	30"	(T.20S., R.27E.)
84.55				Ladder	Steel		
84.60			U/S	Pipe Crossing	Steel	4"	Pipe
84.60	4582+11.12	399.47		Bridge #FRES-075	Timber	16' Rdwy	H-15, Farm
84.80				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
84.91	4598+51.00	399.34	Left	Inlet Drain	CMP / w flap vlvs	24"	Pipe
84.91	4598+62.93	399.34		Inlet Drain	Steel	8"	Pipe
84.91	4598+69.58	399.34	Left	Inlet Drain	CMP / w flap vlvs	18"	Pipe
85.04				Ladder	Steel		
85.12			U/S	Pipe Crossing	Steel	6"	Pipe
85.12	4609+71.07	399.24		Bridge #46CO245	Conc	20' Rdwy	Ave. 232 - Tulare Road, H-50, County
85.12			D/S	Pipe Crossing	Steel	12'	Pipe
85.12			D/S	Power Line Crossing	Pole Line	12 KV	SCE
85.12				Telephone Crossing	Joint Line	Cable	
85.30				Ladder	Steel		
85.34	4620+95.00	399.15	Left	Inlet Drain	CMP / w flap vlvs	18"	
85.55	4632+50.00	399.06	Left	Turnout	Conc Bbl	2 - 4.5' x 4.5'	Lindsay Strathmore Irrigation District
85.56				Float Line			Safety
85.56	4632+78.00	399.05	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Lewis Creek
85.56	4633+08.00	397.16	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet, Lewis Creek

85.56	4633+08.00	397.16		Chain Link Fence	Chain Link	6'	On Inlet Headwall
85.56	4633+08.00	387.00		Bridge #FRES-076	Timber	16' Rdwy	Entrance, Crosses Over Lewis Creek, H-10, Operating
85.59	4634+11.00	387.00		Bridge #FRES-076	Timber	16' Rdwy	Exit, Crosses Over Lewis Creek, H-10, Operating
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
85.59	4634+11.00	397.16		Chain Link Fence	Chain Link	6'	On Outlet Headwall
85.59	4634+11.00	397.16	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet, Lewis Creek
85.59	4634+41.00	398.69	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Lewis Creek
85.62				Ladder	Steel		
85.65			Right	Over the Bank Pump	PVC	8"	Temporary
85.66	4636+46.00	398.68	Right	Turnout	Transite Pipe	12"	Intake for City of Lindsay
85.67			Right	Turnout	Steel	12"	Irrigation
85.67			U/S	Power Line Crossing	Pole Line	12 KV	SCE
85.67			U/S	Gas Crossing	Steel	2"	High Pressure Natural Gas (So. Cal. Gas Co.)
85.67	4638+50.55	398.66		Bridge #46CO247	Conc	26' Rdwy	Ave. 228 - Round Valley Drive - Honolulu St., H-50, County
85.67			D/S	Pipe Crossing	Steel	18"	
85.67			D/S	Telephone Crossing	Pole Line	2 Cables	
85.68	4638+83.00	398.65		Irrigation Crossing	Steel	12"	
85.70			Left	Over the Bank Pump	Steel	4"	
85.78				Float Line			Safety

85.79	4644+59.50	398.61	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Visalia Electric Railroad
85.79	4644+89.50	397.88	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet, Visalia Electric Railroad
85.79	4644+89.50	397.88		Chain Link Fence	Chain Link	6'	On Inlet Headwall
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
85.80	4645+12.74	395.50		Gas Crossing Irrigation Crossing	Black Steel Conc	1.25" 8"	Pipe - Fuel
85.80	4645+52.74			Pipe Crossing	Galv	1.5"	Irrigation
85.81	4645+52.74	397.88		Chain Link Fence	Chain Link	6'	On Outlet Headwall
85.81	4645+76.00	397.88	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet
85.81	4646+06.00	398.33	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Visalia Electric Railroad
85.81				Ladder	Steel		
85.90	4650+81.00	398.20		Telephone Crossing	Pole Line	Drop Line	PT&T
85.92	4651+87.00	398.19		Power Line Crossing	Pole Line	12 KV	SCE
86.00				Ladder	Steel		
86.17	4665+06.00	398.16	Right	Turnout	Conc Pipes	2 - 4' x 4'	Lindmore I.D.
86.18			U/S	Telephone Crossing	Pole Line	Cable	
86.18	4665+65.20	398.17		Bridge #46CO249	Conc	26' Rdwy	Ave. 224 - Lindmore Ave. - 1st Ave., H-15-44, County
86.18			D/S	Power Line Crossing	Pole Line	12 KV	SCE
86.19	4665+95.00	398.17		Irrigation Crossing	Steel	8"	(Under Canal)

86.29				Ladder	Steel		
86.58				Ladder	Steel		
86.61	4688+00.00	397.99	Left	Inlet Drain	CMP / w flap vlvs	2 - 30"	
86.68			U/S	Power Line Crossing	Pole Line	12 KV	SCE
86.68	4692+02.54	397.95		Bridge #46CO250	Conc	26' Rdwy	Ave. 220 - Waddel Ave., H-15-44, County
86.69	4692+27.00	397.95	D/S	Irrigation Crossing	Steel	8"	
86.69			D/S	Telephone Crossing	Pole Line	2 Cables	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
86.87				Float Line	Steel		Safety
86.87	4701+76.23	397.87	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - A.T. & S.F.R.R.
86.87	4702+06.23	397.09	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet - A.T. & S.F.R.R.
86.87	4702+06.23	397.09		Chain Link Fence	Chain Link	6'	On Inlet Headwall
86.88	4702+69.06	394.48		Railroad Crossing	Steel Rails	1 Track	A.T. & S.F. (Abandoned)
86.90	4703+22.23	397.09		Chain Link Fence	Chain Link	6'	On Outlet Headwall
86.90	4703+22.23	397.09	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet - A.T. & S.F.R.R.
86.90	4703+52.23	397.55	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - A.T. & S.F.R.R.
86.91				Ladder	Steel		
86.93	4705+02.23	397.55	Right	Pump - Floodwater	Diesel	7 C.F.S.	County of Tulare
87.00			Left	Over the Bank Pump	Steel	4"	
87.01	4711+71.00	397.52	Left	Pump - Floodwater	Diesel	7 C.F.S.	County of Tulare
87.10				Ladder	Steel		
87.18			U/S	Power Line Crossing	Pole Line	60 KV	

87.18	4718+40.36	397.43		Bridge #46CO251	Conc	26' Rdwy	Ave. 216 - Citrus Ave. - 3rd Ave., H-15-44, County
87.18			D/S	Pipe Crossing	Steel	16"	Pipe
87.18			D/S	Telephone Crossing	Pole Line	Cable	General Telephone Co.
87.34				Ladder	Steel		
87.36	4727+50.00	397.35		Inlet Drain	CMP / w flap vlvs	2 - 30"	
87.37	4728+43.00	397.35	Left	Pump - Floodwater	Steel	16"	County of Tulare
87.60				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
87.66			Left	Over the Bank Pump	PVC	2"	
87.68	4744+80.50	397.21		Bridge #46CO252	Conc	26' Rdwy	Ave. 212, H-15-44, County
87.68			D/S	Pipe Crossing	Conc Lined	8"	
87.68			D/S	Power Line Crossing	Pole Line	12 KV	SCE
87.68			D/S	Telephone Crossing	Joint Line	Cable	
87.70	4745+79.00	397.21	Left	Inlet Drain	CMP / w flap vlvs	18"	
87.76				Ladder	Steel		
87.81	4751+50.00	397.16		Inlet Drain	Type "A"	8' Bbl.	
88.00				Ladder	Steel		
88.10			Right	Over the Bank Pump	PVC	8"	
88.17	4770+24.61	396.99	Left	Inlet Drain	CMP / w flap vlvs	18"	
88.18			U/S	Power Line Crossing	Pole Line	12 KV	SCE
88.18	4771+20.61	396.99		Bridge #46CO253	Conc	26' Rdwy	Ave. 208, H-15-44, County
88.18			D/S	Pipe Crossing	Conc Lined	16"	Pipe
88.18			D/S	Telephone Crossing	Pole Line	Cable	

88.20	4771+70.00	396.99	Right	Turnout	Conc	2 - 4' x 4'	Lindmore I.D.
88.21	4772+41.00	396.98	U/S	Recorder House	Conc Block	9' x 10'	Fifth Avenue, Pole (35') & 2 Antennas, A-35 Stevens Recorder, Radio Voice Comm., Littleman Auto Control, Check Alarm, Electrical Equip., SCADA Electronic Equip.
88.22			Right	Equipment			Electrical Panel, SCADA Electronic Equip.
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
88.22				Float Line			Safety
88.22				Ladder	Steel		
88.22	4773+00.00	396.98		Check	Radial Gates	3 - 18' x 18'	Fifth Avenue
88.23	4773+73.00	396.97	Left	Inlet Drain	CMP / w flap vlvs	26"	
88.30				Ladder	Steel		
88.30	4775+58.00	396.95	D/S	Recorder House	Conc Block	4' x 6'	Fifth Avenue Electrical & SCADA Equip.
88.45				Ladder	Steel		
88.49	4787+40.00	396.86	Left	Inlet Drain	CMP	48"	
88.68			U/S	Gas Crossing	Steel	2"	High Pressure Natural Gas (So. Cal. Gas Co.)
88.68	4797+61.21	396.78		Bridge #46CO254	Conc	26' Rdwy	Ave. 204 - 6th Ave., H-15-44, County
88.68			D/S	Power Line Crossing	Pole Line	12 KV	SCE
88.75				Ladder	Steel		
88.94				Ladder	Steel		
88.94	4810+92.00	396.68		Inlet Drain	CMP / w flap vlvs	18"	

89.00				Ladder	Steel		
89.19				Chain Link Fence	Chain Link	6'	Thru City of Strathmore (Beginning)
89.19			U/S	Telephone Crossing	Pole Line	Cable	
89.19	4824+12.24	396.56		Bridge #46CO255	Conc	26' Rdwy	Ave. 200 - 7th Ave., H-15-44, County
89.19			D/S	Power Line Crossing	Pole Line	12 KV	SCE
89.20	4824+52.00	396.55		Pipe Crossing	Steel	8"	(Under Canal)
89.21	4827+00.00	396.00		Underdrain	Conc	4' x 4'	
89.28				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
89.32				Inlet Drain	PVC	6"	Road Drain
89.35			Right	Turnout		20"	Strathmore New S.P.U.D.
89.47	4839+27.00	396.44		Pipe Crossing	Steel	8"	(Under Canal)
89.48	4839+61.28	396.43		Bridge #46CO256	Conc	26' Rdwy	Road 232, H-15-44, County
89.48			D/S	Gas Crossing	Steel	2"	High Pressure Natural Gas (So. Cal. Gas Co.)
89.48				Chain Link Fence	Chain Link	6'	Thru City of Strathmore
89.54				Ladder	Steel		
89.63	4847+75.00	396.37	Left	Inlet Drain	CMP / w flap vlvs	24"	
89.68				Float Line	Steel		Safety
89.68				Ladder	Steel		
89.68	4850+27.13	396.34	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - A.T. & S.F.R.R.
89.68	4850+57.13	395.66	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet - A.T. & S.F. Railroad
89.68	4850+57.13	395.66		Chain Link Fence	Chain Link	6'	On Inlet Headwall

89.70	4851+19.13	395.66		Railroad Crossing	Rail	Main Track	Crossing of A.T. & S.F., RR (100' R/W)
89.70	4851+33.18	395.66		Railroad Crossing	Rail	Spur Track	Crossing of A.T. & S.F., RR (100' R/W)
89.71	4851+66.13	395.66		Chain Link Fence	Chain Link	6'	On Outlet Headwall
89.71	4851+66.13	395.66	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet - A.T. & S.F.R.R.
89.71	4851+96.13	396.05	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - A.T. & S.F.R.R.
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
89.79	4856+20.00	396.02	Left	Inlet Drain	CMP / w flap vlvs	24"	
89.97			U/S	Telephone Crossing	Pole Line	2 Cables	
89.97				Chain Link Fence	Chain Link	6'	Thru City of Strathmore
89.97	4865+58.71	395.94		Bridge #46CO148	Conc	26' Rdwy	Ave. 196 - Franzier Hwy., H-15-44, County
89.97			D/S	Power Line Crossing	Pole Line	66 KV	SCE
89.97			D/S	Cable Crossing	Joint Line	Cable	Television Cable
89.98	4866+29.00	395.93		Irrigation Crossing	Thin Wall Steel	8"	
89.99	4866+81.00	395.93	Left	Pump - Floodwater	Diesel	18"	Tulare County Flood Control
90.00	4867+33.00	395.93	Left	Pump - Floodwater	Diesel	30 cfs	Tulare County Flood Control
90.01	4868+50.00	395.91	Left	Pump - Floodwater 26" Discharge Corcoran Slough	Diesel	30 cfs	Tulare County Flood Control
90.01			Right	Over the Bank Pump	Steel	2"	Sump
90.01	4870+80.00	395.91		Underdrain	Conc Bbl	4' x 4'	

90.22	4876+65.66	395.90		Power Line Crossing	Pole Line	12 KV	SCE (Top)
90.22	4876+65.66	395.90		Telephone Crossing	Joint Line	Cable	PT&T (Bottom)
90.24				Chain Link Fence	Chain Link	6'	Thru City of Strathmore
90.24			U/S	Power Line Crossing	Pole Line	12 KV	SCE
90.24			U/S	Telephone Crossing	Joint Line	2 Cables	
90.24	4877+60.26	395.81	U/S	Gas Crossing	Steel	2"	High Pressure Natural Gas (So. Cal. Gas Co.)
90.24	4877+60.26	395.81		Bridge #46CO257	Conc	26' Rdwy	Ave. 194 - 8th Ave., H-15-44, County
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
90.24			D/S	Pipe Crossing	Steel	6"	
90.35				Ladder	Steel		
90.50	4891+00.00	395.71	Left	Inlet Drain	CMP	24"	
90.54			U/S	Power Line Crossing	Pole Line	12 KV	SCE
90.54			U/S	Telephone Crossing	Joint Line	Cable	
90.54				Chain Link Fence	Chain Link	6'	Thru City of Strathmore
90.54			D/S	Gas Crossing	Steel	2"	High Pressure Natural Gas (So. Cal. Gas Co.)
90.54	4893+08.80	395.69		Bridge #46CO258	Conc	26' Rdwy	Ave. 192, H-15-44, County
90.82				Ladder	Steel		
90.82				Float Line	Steel		Safety
90.82				CVP Sign			Double
90.82				Gate	Chain Link	4' x 12'	
90.82	4907+92.05	395.57	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Orange Belt Drive - J29
90.82	4908+22.05	394.28	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet - Orange Belt Drive / J29

90.82	4908+22.05	394.28		Chain Link Fence	Chain Link	6'	End of Fence Thru Strathmore
90.83	4908+55.29	389.60		Telephone Crossing	Pole Line	2 Cables	
90.84	4908+78.47	389.60		Roadway		50' Rdwy	Orange Belt Drive - J29
90.84	4908+97.63	389.60		Gas Crossing	Steel Pipe	4"	High Pressure Natural Gas (So. Cal. Gas Co.)
90.85	4909+63.01	359.60		Railroad Crossing	Main Track	100' R/W	of S.P. RR
90.87	4910+35.05	394.28		Chain Link Fence	Chain Link	6'	On Outlet Headwall
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
90.87	4910+35.05	394.28	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet - Orange Belt Drive / J29
90.87	4910+80.05	395.00	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Orange Belt Drive - J29
90.88				Ladder	Steel		
90.92	4917+21.00			Power Line Crossing	Pole Line	440 Volts	SCE
91.11	4923+25.04	394.90	U/S	Power Line Crossing	Joint Line	440 Volts 12 KV	Lindmore I.D. SCE
91.11	4923+32.78	394.90	U/S	Telephone Crossing	Joint Line	Cable	(T.20S., R.27E.)
91.11	4923+49.16	394.90		Bridge #46CO259	Conc	26' Rdwy	Ave. 188, H-15-44, County (T.21S., R.27E.)
91.11			D/S	Power Line Crossing	Pole Line	12 KV	SCE
91.12	4924+00.00	394.90	Left	Turnout	Conc Bbl	4' x 4'	w/Debris and Sand Control Weir/Lindmore I. D. (10th East)
91.12	4924+00.00	394.90	Right	Turnout	Conc Bbl	2 - 4.5' x 4.5'	Lindmore I.D. (10th West)
91.13				Ladder	Steel		
91.36	4936+55.00	394.80		Underdrain	Conc Bbl	4' x 4'	
91.47				CVP Sign			Double

91.47	4942+25.00	394.75	N/B	Bridge #46CO182 R	Conc	40' Rdwy	North Bound - State Hwy. 65, H-50, State
91.50	4944+17.00	394.75	S/B	Bridge #46CO182 L	Conc	60' Rdwy	South Bound - State Hwy. 65, H-50, State
91.62			U/S	Telephone Crossing	Joint Line	Cable	PT&T
91.62	4950+24.35	394.68		Bridge #46CO260	Conc	26' Rdwy	Ave. 184 - Welcome Ave., H-15-44, County
91.62	4950+55.00	394.67		Irrigation Crossing	Steel Pipe	8" & 16"	(2) Crossings
91.62			D/S	Power Line Crossing	Pole Line	12 KV	SCE
91.65				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
91.87			U/S	Power Line Crossing	Pole Line	12 KV	SCE
91.87	4963+57.49	394.57		Bridge #46CO261	Conc	20' Rdwy	Ave. 182, H-15-44, County
91.87			D/S	Telephone Crossing	Joint Line	Cable	PT&T
91.87			D/S	Power Line Crossing	Pole Line	66 KV	SCE
91.90				Ladder	Steel		
92.12	4976+83.00	394.47		Siphon - Irrigation Ditch	Conc	3.0' x 3.0'	
92.13	4977+35.00	394.46	Right	Turnout	Conc Bbl	2 - 7' x 7'	Lower Tule River I.D.
92.13				Utility Pole	Service Pole	35'	
92.13				Guard Rail	Steel	114'	
92.13			D/S	Recorder House	Conc Block	4' x 4'	Located 240' (D/S) West on Tule Ditch, Pole (30') and Antenna, Electrical & SCADA Equip., Littleman Auto Control, Electrical Equip.
92.13				Equipment		2 - Torkmasters	Electrical Panel, SCADA Panel, No. 4 Ditch

92.14				Ladder	Steel		
92.37			U/S	Telephone Crossing	Pole Line	Cable	
92.37				Cable Crossing			Television Cable
92.37	4989+66.80	394.35		Bridge #46CO262	Conc	20' Rdwy	Ave. 178 - Mt. View Ave., H-15-44, County
92.37			D/S	Power Line Crossing	Pole Line	12 KV	SCE
92.40				Ladder	Steel		
92.53	4998+00.00	394.28		Underdrain	Conc Bbl	4' x 4'	
92.70				Ladder	Steel		
92.83				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
92.87			U/S	Telephone Crossing	Joint Line	Cable	PT&T
92.87			U/S	Power Line Crossing	Pole Line	12 KV	SCE
92.87	5016+39.71	394.13		Bridge #46CO263	Conc	20' Rdwy	Ave. 174 - Linda Vista Ave., H-15-44, County
93.10				Ladder	Steel		
93.16	5031+31.62	394.01		Underdrain	Conc Bbl	3.0' x 3.0'	
93.20				Ladder	Steel		
93.57			U/S	Telephone Crossing	Pole Line	2 Cables	
93.57			U/S	Pipe Crossing	Steel	8"	Pipe
93.57	5053+13.06	393.83		Bridge #46CO264	Conc	26' Rdwy	Ave. 170 - Grand Ave., H-15-44, County
93.57			D/S	Power Line Crossing	Pole Line	12 KV	SCE
93.62				Ladder	Steel		
93.66	5058+00.00		Left	Inlet Drain	CMP / w flap vlvs	36"	
93.86				Power Line Crossing	Pole Line	12 KV	SCE
93.86	5067+23.90	393.71	Right	Turnout	Conc Bbl	2 - 4.5' x 4.5'	Porterville I.D. P-1, Castle Ditch
93.90				Ladder	Steel		

94.03	5076+62.96	393.63		Bridge #46CO128	Conc	26' Rdwy	Road 224 - Westwood St., H-15-44, County
94.03			D/S	Pipe Crossing	Steel	8"	Pipe
94.03			D/S	Power Line Crossing	Pole Line	12 KV	SCE
94.11				Ladder	Steel		
94.14	5082+20.00		Left	Inlet Drain	CMP / w flap vlvs	30"	
94.35				Ladder	Steel		
94.37	5094+37.00	393.49		Underdrain	Conc Bbl	3.5' x 3.5'	
94.47	5099+37.00	393.37		Power Line Crossing	Pole Line	12 KV	SCE
94.57				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
94.83			U/S	Cattle Guard	Rails	12' x 8'	
94.85				Ladder	Steel		
94.85				Float Line			Safety
94.85	5119+93.50	393.28	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Porter Slough
94.85	5120+23.50	392.18	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Inlet - Porter Slough
94.85	5120+23.50	392.18		Chain Link Fence	Chain Link	6'	On Inlet Headwall
94.85	5120+34.50	386.31		Bridge #FRES-078	Timber	16' Rdwy	Entrance, Crosses Over Porter Slough, H-15, Operating
94.88	5121+21.50	386.31		Bridge #FRES-078	Timber	16' Rdwy	Exit, Crosses Over Porter Slough, H-15, Operating
94.88	5121+36.50	392.18		Chain Link Fence	Chain Link	6'	On Outlet Headwall
94.88	5121+36.50	392.18	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Outlet - Porter Slough

94.88	5121+66.50	392.92	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Porter Slough
94.89			D/S	Cattle Guard	Rails	12' x 8'	
94.92	5123+52.68	392.90	Right	Turnout	Conc Bbl	2 - 5' x 5'	Porterville & Lower Tule River I.D.
94.92				Recorder House	Conc Block	4' x 4'	Porter Slough
94.93				Utility Pole	Service Pole	30'	
95.05				Ladder	Steel		
95.15			U/S	Telephone Crossing	Pole Line	Cable	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
95.15	5135+55.18	392.81		Bridge #46CO265	Conc	26' Rdwy	Henderson Ave. - Ave. 160, H-15-44, County
95.15			D/S	Power Line Crossing	Pole Line	60 KV	SCE
95.15			D/S	Telephone Crossing	Joint Line		
95.17	5137+00.00	392.79	Left	Inlet Drain	CMP / w flap vlvs	30"	
95.24	5140+60.00	392.76		Irrigation Crossing	Steel	16"	
95.26				Ladder	Steel		
95.46				Ladder	Steel		
95.50	5154+80.00	392.70	Left	Turnout	Conc Bbl	4.5' x 4.5'	Porterville I.D. P-2 - Dual Metering - Sparling & Venturi
95.53	5154+90.00	392.70		Power Line Crossing	Pole Line	12 KV	SCE
95.54	5156+60.00	392.64		Siphon - Irrigation Ditch	Conc Bbl	3.5' x 3.5'	Hubbs & Miner Ditch Co.
95.59	5158+52.00	392.61		Ditchriders Residence			Tule River Residence

95.63			U/S	Recorder House	Conc Block	10' x 11'	Pole (35') & 2 Antennas, Radio Voice Comm., A-35 Stevens Recorder, Littleman Auto Control, Radio Check Alarm, Electrical Equipment, SCADA Electronic Equip.
95.63	5161+32.79	392.58		Turnout	Slide Gates	3 - 6' x 6'	Incorporated Wasteway, Parshall, Lower Tule I.D. & Porterville I.D., Automatic Device (Littleman), Gage Height Recorder, Radio Alarm
95.64	5161+81.00	392.58	Right	Waste Way	Radial Gates	4 - 11' x 10'-9"	Tule River Crest Elev. 399.21
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
95.64	5161+81.00	392.58		Gate Operators		3" - 3 ph	Limitorque Gate Operators, SCADA Control Panel
95.65	5162+82.25	392.58	Right	Bypass	Conc Stem Gate	36" dia.	Manual Waste Way Gate at Bottom of Canal Elevation
95.66				Float Line			Safety
95.66	5163+11.93	392.58	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Tule River
95.67	5163+49.93	392.58		Check	Radial Gates	4 - 12' x 17.5'	Tule River
95.67				Equipment			Electrical Panel, SCADA Electronic Panel
95.67	5163+85.33	390.20	U/S	Siphon	Conc Bbl	4 - 11' x 11'	Inlet - Tule River

95.67	5163+85.33	390.20		Chain Link Fence	Chain Link	6'	On Inlet Headwall
95.67				Guard Rail			Safety
95.67	5164+01.33	377.03	U/S	Bridge	Timber	16' Rdwy	Entrance - Crosses Over Tule River - H-15, Operating
95.75	5167+57.72	377.03	D/S	Bridge	Timber	16' Rdwy	Exit - Crosses Over Tule River - H-15, Operating
95.75	5167+57.72	377.03		Irrigation Crossing	Steel	18" O.D.	Crosses Over Siphon
95.75				Guard Rail			Safety
95.76	5167+73.72	390.77		Chain Link Fence	Chain Link	6'	On Outlet Headwall
95.76	5167+73.72	390.77	D/S	Siphon	Conc Bbl	4 - 11' x 11'	Outlet - Tule River
95.77	5168+11.72	391.92	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Tule River
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
95.78	5169+18.60	391.91		Turnout	Conc Bbl	3 - 4.5' x 4.5'	Wood Central Ditch / Lower Tule I.D.
95.78			D/S	Recorder House	Conc Block	4' x 4'	60' D/S pm Wood Central
95.80	5170+18.60		D/S	Equipment	Conc Block	4.5' x 8'	Pole (30') & Antenna, Littleman Auto Control, Radio Check Alarm, Electrical Panel, SCADA Electronic Panel
95.84				Ladder	Steel		
95.88	5174+36.00	387.56		Siphon	Conc Bbl	3' x 3'	Irrigation Crossing
96.05				Ladder	Steel		
96.19	5190+50.00	391.79	Left	Inlet Drain	CMP / w flap vlvs	24"	
96.28			U/S	Telephone Crossing	Pole Line	Cable	

96.28			U/S	Gas Crossing	Steel Pipe	6"	High Pressure Gas Line
96.28				CVP Sign			Double
96.28	5195+20.59	391.76		Bridge #46CO126	Conc	36' Rdwy	Ave. 152 - Olive Ave., H-15-44, County
96.28			D/S	Pipe Crossing	Steel	14"	Irrigation
96.28			D/S	Power Line Crossing	Pole Line	60 KV & 12 KV	SCE
96.35				Ladder	Steel		
96.39	5201+02.00	391.72	Left	Turnout	Conc Pipe	36"	Lower Tule River & Porterville I.D.
96.40	5201+83.21	387.40		Siphon	Conc Bbl	3.0' x 3.0'	Irrigation Crossing
96.65				Ladder	Steel		
96.86	5226+08.00	387.25		Siphon	Conc Bbl	3' x 3'	Irrigation Crossing Porterville I.D.
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
96.87	5226+37.20	391.57	Right	Turnout	Conc Bbl	2 - 4.5' x 4.5'	Tipton Ditch, Lower Tule River & Porterville I.D.
96.87			D/S	Recorder House		4' x 4'	65' D/S on Tipton Ditch, Pole (30') & Antennas, Littleman Auto Control, Radio Check Alarm, Electrical Panel, SCADA Panel
96.90				Ladder	Steel		
97.14				Ladder	Steel		
97.34				Ladder	Steel		
97.35			D/S	Recorder House	Conc Block	4' x 4'	40' D/S on Parshall from Turnout Structure, (Electric & SCADA Panels

97.35	5251+90.00	391.42	Right	Turnout	Conc Bbl	2 - 4.5' x 4.5'	Poplar Ditch, North Bbl. To Lower Tule I.D., South Bbl. to Porterville I.D. - 36" Transite H-100
97.36	5252+51.00	391.24		Siphon	Conc Bbl	5' x 5'	Irrigation Crossing
97.37			U/S	CVP Sign			Double
97.37	5253+05.13	391.41		Bridge #460156	Conc	36' Rdwy	State Hwy. 190 - Ave. 144, H-50, State
97.37			D/S	Telephone Crossing	Pole Line	Cable	(T.21S., R.27E.)
97.65				Ladder	Steel		(T.22S., R.27E.)
97.86	5278+95.00	391.25	Left	Turnout	Conc Pipe	36"	Porterville I.D. P-5 - Sparling & Venturi Meters
97.87	5279+18.00	391.25		Siphon	Conc Bbl	3' x 3'	Irrigation Crossing, 120/110 V Conduit, Crosses Canal in Siphon
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
97.93	5282+34.00		????	Monument			California Department of Transportation
97.94				Ladder	Steel		
98.12				Power Line Crossing	Pole Line	12 KV	SCE
98.12	5292+38.59	391.17		Overchute	Steel	14"	Pipe
98.14				Ladder	Steel		
98.20	5297+00.00	391.15	Left	Inlet Drain	CMP / w flap vlvs	2 - 42"	
98.37	5305+93.65	391.09		Bridge #46CO372	Conc	26' Rdwy	Ave. 136, H-15-44, County
98.40				Ladder	Steel		

98.62	5319+30.57	391.00	Right	Turnout	Conc	3 - 4.5' x 4.5'	Casa Blanca - Lower Tule River I.D., Radio Check Alarm, SCADA Electronic Equip., Electrical Equip., Pole (30') & Antennas
98.62	5319+30.57		D/S	Recorder House	Conc Block	4' x 4'	80' D/S on Casa Blanca Ditch, Electric Panel, A-35 Stevens Recorder, Littleman Auto Control
98.63	5319+77.57	391.00		Power Line Crossing	Pole Line	12 KV	SCE
98.70				Ladder	Steel		
98.95				Ladder	Steel		
99.10			Left	Over the Bank Pump	Plastic	12"	
99.10				Ladder	Steel		
99.10			Left	Over the Bank Pump	Plastic	12"	
99.35	5338+85.20	390.78	Left	Turnout	Conc Bbl	3' x 3'	Tea Pot Dome I.D. w/Debris Protection - Main Turnout for Pumping Plant
99.36	5358+52.00	390.78		Power Line Crossing	Pole Line	12 KV	SCE
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
99.37			U/S	Pipe Crossing	Steel	4"	Pacific Telephone
99.37	5358+62.49	390.77		Bridge #46CO371	Conc	26' Rdwy	Ave. 128, H-15-44, County
99.37				Liner Extension			Beginning
99.40				Ladder	Steel		
99.68				Ladder	Steel		
99.68	5375+00.00	390.68		Underdrain	Conc Bbl	5.0' x 4.0'	
100.05				Ladder	Steel		
100.25				Ladder	Steel		
100.40				Ladder	Steel		
100.55				Ladder	Steel		

100.64	5426+00.00	390.38	Right	Turnout	Conc Bbl	2 - 4' x 4'	Saucelito I.D. S-1
100.65	5426+68.15	390.37		Bridge #46CO370	Conc	26' Rdwy	Ave. 120, - Hesse Ave., H-50, County
100.72				Ladder	Steel		
100.82				Ladder	Steel		
100.94				Ladder	Steel		
101.13	5452+00.00	390.22	Left	Inlet Drain	CMP / w flap vlvs	18"	
101.16				Ladder	Steel		
101.42				Ladder	Steel		
101.62				Ladder	Steel		
101.64	5478+45.63	390.10	Left	Discharge Pipe	Steel	10"	
101.64	5478+64.53	390.10	Right	Discharge Pipe	Steel	10"	
101.66			U/S	Power Line Crossing	Pole Line	60 KV	SCE
101.66	5479+51.13	390.05		Bridge #46CO369	Conc	26' Rdwy	Ave. 112, H-50, County
101.66			D/S	Pipe Crossing	Steel	4"	Pacific Telephone
101.67	5479+52.00	390.04	Left	Turnout	Steel Pipe	18"	Hope I.D.
101.68	5480+55.00	390.04	Right	Discharge Pipe	Steel	10"	
101.68	5480+55.00	390.04	Left	USBR & DWR Well			Subsidence Study
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
101.80				Ladder	Steel		
102.02				Ladder	Steel		
102.16	5506+00.00	389.89		Bridge #FRES-079	Timber	20' Rdwy	H-15, Farm
102.19	5507+58.00	389.88	Right	Inlet Pump	Steel	4"	
102.23	5510+00.00	389.87	Left	Inlet Drain	CMP / w flap vlvs	24"	
102.26				Ladder	Steel		
102.48				Ladder	Steel		
102.64	5531+65.00	389.85	Right	Inlet Pump	Steel	10"	
102.65				Power Line Crossing	Pole Line	12 KV	SCE

102.65	5531+84.41	389.74	Left	Turnout	Conc Bbl	3' x 3'	Terra Bella I.D. Pumping Plant #1
102.65	5531+84.41	389.74	Right	Turnout	Conc Bbl	2 - 4.5' x 4.5'	Saucelito I.D. S-2
102.65	5532+15.00	389.72		Irrigation Crossing	Steel	16"	
102.67	5533+43.40	389.72	U/S	Recorder House	Conc Block	10' x 11'	Deer Creek Check Electrical Panel, Radio Check Alarm, Littleman Auto Control, A-35 Stevens Recorder, SCADA Electronic Equip., Pole (35') & Antenna
102.68				Ladder	Steel		
102.68				Float Line			Safety
102.69	5534+16.46	389.72	Right	Waste Way	Radial Gates	3 - 12' x 7'	Deer Creek - Crest Elevation - 400.07
102.69	5534+36.79	389.72	Left	Check - Bypass	R.C.P.	54"	Crest Elevation - 404.22
102.69	5534+36.79	389.72	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - Deer Creek
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**		**Misc. Notes**
102.69	5534+74.79	389.72		Check	Radial Gates	4 - 17.5' x 12'	Deer Creek
102.69	5534+74.79		Left	Equipment	Cable	220 Volts	Crossing Over Deer Creek, SCADA Electronic Panel, Pole (35') & Anchor & D/Guy

102.69	5534+74.79		D/S	Recorder House		4' x 4'	105' D/S on Deer Creek Waste Way Parshall, Electrical Panel, SCADA Electronic Panel, Pole (35') & Anchor & D/Guy
102.69	5535+09.83	387.93	U/S	Siphon	Conc Bbl	5 - 11' x 11'	Siphon Inlet - Deer Creek
102.69	5535+09.83	387.93		Chain Link Fence	Chain Link	6'	On Inlet Headwall
102.70	5535+26.12			Guard Rail			Safety
102.72	5535+97.00	381.43		River			Deer Creek
102.74	5536+61.75			Guard Rail			Safety
102.75	5536+77.90	388.74		Chain Link Fence	Chain Link	6'	On Outlet Headwall
102.75	5536+77.90	388.74	D/S	Siphon	Conc Bbl	5 - 11' x 11'	Siphon Outlet - Deer Creek
102.75	5537+15.90	389.36	D/S	Siphon Outlet Transition	Conc	36'	Outlet Transition - Deer Creek
102.75	5537+15.90		D/S	Equipment	Cable	220 Volts	SCADA - Crossing Over Deer Creek to (D/S) Recorder House
102.80	5538+83.00	389.70	D/S	Recorder House	Conc Block	4' x 6'	Deer Creek - SCADA Electronic Equip. & Electric Equip.
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
102.90				Ladder	Steel		
103.15				Ladder	Steel		
103.19	5560+03.00		Right	Pump In	Steel Pipe	12"	
103.21	5561+39.00	389.22	Left	Turnout	Transite Pipe	12"	Terra Bella Vineyards
103.35				Ladder	Steel		

103.43	5573+00.00	389.14	Left	Inlet Drain	CMP / w flap vlvs	24"	
103.58				Ladder	Steel		
103.64	5584+50.00	389.08	Left	Turnout	Conc Bbl	2 - 4.5' x 4.5'	Main Turnout for Terra Bella Pumping Plant #2 With Sand Traps
103.66	5585+16.87	389.07		Bridge #46CO094	Conc	26' Rdwy	Ave. 96 - Terra Bella Ave., H-15-44, County
103.66			D/S	Telephone Crossing	Joint Line	Cable	
103.66			D/S	Power Line Crossing	Pole Line	12 KV	SCE
103.74			U/S	Telephone Crossing	Joint Line	Cable	
103.74			U/S	Power Line Crossing	Pole Line	12 KV	SCE
103.74	5589+72.49	389.05		Bridge #46CO368	Conc	26' Rdwy	Road 208, H-15-44, County
104.00				Ladder	Steel		(T.22S., R.27E.)
104.11	5613+00.00	388.68		Underdrain	Conc	5' x 4'	(T.23S., R.26E.)
104.25				Ladder	Steel		
104.49	5633+06.00	388.81		Overchute	Steel	10"	Pipe
104.52				Ladder	Steel		
104.67	5643+00.00	388.75	Left	Inlet Drain	CMP / w flap vlvs	2 - 24"	
104.78				Ladder	Steel		
104.96	5658+25.00	388.66	Right	Turnout	Conc Bbl	2 - 4' x 4'	Saucelito I.D. S-3
104.98				Telephone Crossing	Joint Line	Cable	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
104.98			U/S	Power Line Crossing	Pole Line	12 KV	SCE
104.98	5658+86.21	388.65		Bridge #46CO367	Conc	26' Rdwy	Ave. 88, H-15-44, County
104.98			D/S	Pipe Crossing	Steel	24"	
105.01				Ladder	Steel		
105.09	5665+00.00	388.62		Power Line Crossing	Steel Tower	220 KV	SCE High Voltage Steel Power Line #1 (Skewed)

105.09	5665+00.00	388.62	Left	Inlet Drain	CMP / w flap vlvs	2 - 24"	
105.11	5666+00.00	388.54		Power Line Crossing	Steel Tower	220 KV	SCE High Voltage Steel Power Line #2 (Skewed)
105.25				Ladder	Steel		
105.61				Ladder	Steel		
105.62	5688+03.00	388.45	Left	Sump Pump - U.S.B.R.	Westing-house Life Line	2 H.P. Single Phase	
105.63	5688+55.00	388.45		Power Line Crossing	Pole Line	12 KV	SCE
105.64			Left	Over the Bank Pump	Plastic	10"	
105.66			Right	Over the Bank Pump	Plastic	10"	
105.75				Ladder	Steel		
105.79	5696+99.80	388.40	Left	Discharge Pipe	Steel	10"	
105.81	5703+00.00	388.39	Left	Inlet Drain	CMP / w flap vlvs	24"	
105.90	5707+75.00	388.35		Irrigation Crossing	Steel	16"	
106.05				Ladder	Steel		
106.19			U/S	Irrigation Crossing	Steel	16"	
106.19	5723+00.80	388.27		Bridge #46CO366	Conc	26' Rdwy	Ave. 80, H-15-44, County
106.19			D/S	Power Line Crossing	Pole Line	12 KV	SCE
106.20	5723+10.00	388.27	Left	Turnout	Steel Pipe	12"	Hope I.D. - Not Complete
106.21				Ladder	Steel		
106.35				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
106.70				Ladder	Steel		
106.74			U/S	Irrigation Crossing	Steel	14"	
106.74	5752+26.00	388.09		Bridge #FRES-080	Conc	16' Rdwy	Ave. 74, H-15, Farm
106.80	5755+00.00	388.08	Left	Inlet Drain	CMP / w flap vlvs	2 - 18"	
106.96				Ladder	Steel		

107.24				Ladder	Steel		
107.30	5781+47.00	387.92	Right	Sump Hole	Conc	4' x 4'	Used in dewatering subsidence area for maintenance work
107.30			Right	Discharge Pipe	Steel	10"	Inlet Pipe & Pump Out
107.31	5782+00.00	387.92	Left	Inlet Drain	CMP / w flap vlvs	24"	
107.34			U/S	Telephone Crossing	Steel Pipe	2"	Ducar Telephone Co.
107.34			U/S	Pipe Crossing	Steel	12"	
107.34	5783+62.44	387.91		Bridge #46CO138	Conc	26' Rdwy	Road 192, H-15-44, County
107.34			D/S	Power Line Crossing	Pole Line	12 KV	SCE
107.35	5784+25.00	387.90	Right	Turnout	Conc Bbl	2 - 3.5' x 3.5'	Saucelito I.D. S-4
107.36	5785+14.80			Power Line Crossing	Pole Line	12 KV	
107.36	5785+14.80			END OF LINDSAY SECTION			
107.36	5785+14.80			BEGINNING OF DELANO SECTION			
107.40			Left	Over the Bank Pump	Steel	4"	
107.40			Left	Over the Bank Pump	Steel	10"	Draw Down Pump
107.60				Ladder	Steel		
107.84			Right	Turnout	Steel	24"	Over The Bank, D.E.I.D. 68 West
107.89				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
108.07	5820+10.00	387.42		Underdrain	Conc Bbl	3.0' x 3.0'	
108.40				Ladder	Steel		
108.44			U/S	Power Line Crossing	Pole Line	60 KV & 12 KV	On Top On Lower Cross Arm - SCE
108.44	5839+67.89	387.56		Bridge #FRES-081	Timber	16' Rdwy	Ave. 64, H-15, Farm

108.45			Right	Over the Bank Pump	Steel	10"	
108.50				Ladder	Steel		
108.70				Ladder	Steel		
108.85			Right	Over the Bank Pump	Steel	8"	
108.90	5864+00.00	387.16	Left	Underdrain	Conc Bbl	6.0' x 5.0'	
108.98				Ladder	Steel		
109.18			Right	Over the Bank Pump	Steel	10"	
109.18				Ladder	Steel		
109.46	5893+75.00	387.23	Left	Turnout	Conc Bbl	1 - 3.5' x 3.5'	D.E.I.D. 56 East
109.46	5893+75.00	387.23	Right	Turnout	Conc Bbl	2 - 4.5' x 4.5'	D.E.I.D. 56 West
109.46			U/S	Power Line Crossing	Pole Line	12 KV	SCE
109.46				Power Line Crossing	Cable		D.E.I.D. - Both Power & Signal
109.47	5894+31.41	387.23		Bridge #46CO039	Conc	36' Rdwy	Ave. 56 - Ducor Hwy., H-20-S16-44, County
109.47			D/S	Gas Crossing	Steel	2"	High Pressure Gas Line (So. Cal. Gas Co.)
109.52				Ladder	Steel		
109.80				Ladder	Steel		
110.10				Ladder	Steel		
110.17			Right	Over the Bank Pump	Steel	10"	
110.32				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
110.45				Ladder	Steel		
110.53	5951+00.00	386.90	Left	Inlet Drain	Conc Bbl / w flap vlvs	24"	
110.57			U/S	Power Line Crossing	Pole Line	4 KV	SCE

110.57	5953+36.30	386.89		Bridge # 46CO365	Conc	26' Rdwy	Ave. 48, H-15-44, County (T.23S., R.26E.)
110.65				Ladder	Steel		
110.91				Ladder	Steel		
111.01	5976+50.00	386.74	Left	Inlet Drain	CMP / w flap vlvs	2 - 24"	
111.07	5980+00.00	386.73	Right	Pump In	Steel	10"	
111.08	5980+27.00	386.72	Left	Pump In	Steel	10"	Irrigation
111.32	5993+00.00	386.64		Overchute	Steel	14"	Pipe
111.33			Left	Pump In	Steel	10"	Irrigation
111.35				Ladder	Steel		
111.36	5995+00.00	386.63	Left	Inlet Drain	CMP / w flap vlvs	18"	
111.56	6005+50.00	386.57	Right	Turnout	Conc Bbl	2 - 4.5' x 4.5'	D.E.I.D.
111.56	6005+50.00	386.57	Left	Turnout	Conc Bbl	4' x 4'	D.E.I.D.
111.56			U/S	Power Line Crossing	Pole Line	440 Volts	D.E.I.D.
111.57			U/S	Telephone Crossing	Pole Line	Cable	
111.57	6005+98.55	386.56		Bridge #46CO364	Conc	26' Rdwy	Ave. 40, H-15-44, County
111.57			D/S	Power Line Crossing	Pole Line	60 KV	SCE
111.62				Ladder	Steel		
111.68	6011+59.51	386.53		Bridge #46CO363	Conc	26' Rdwy	Road 184, H-15-44, County
111.68			D/S	Power Line Crossing	Pole Line	12 KV	SCE
111.86	6021+10.00	386.47	Left	Pump In	Steel	8"	Irrigation
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
111.87				Ladder	Steel		
111.96	6026+38.00	386.44	Left	Turnout		4' x 4'	Kern - Tulare W.D. #1
112.09	6033+34.65	386.40		Overchute	Steel	14"	
112.12				Ladder	Steel		
112.38				Ladder	Steel		

112.58				Ladder	Steel		
112.58	6059+20.00	386.25	Right	Turnout	Conc		(Abandoned)
112.59			U/S	Power Line Crossing	Pole Line	12 KV	SCE
112.59	6059+72.80	386.25		Bridge #46CO325	Conc	26' Rdwy	Ave. 32, H-15-44, County
112.60			Right	Inlet Drain	Steel	12"	Pipe
112.80				Ladder	Steel		
112.89				Float Line			Safety
112.89				Ladder	Steel		
112.89	6076+41.39	386.15	Left	Bypass	R.C.P.	54"	White River - Crest Elev. - 400.35
112.91	6076+41.39	386.15	U/S	Siphon Inlet Transition	Conc	36'	Inlet Transition - White River
112.90	6076+65.00	386.15	Right	Waste Way	Radial Gates	2 - 12' x 9'	White River - Crest Elev. - 396.86
112.90			U/S	Recorder House	Conc Block	10' x 11'	SCADA Panel. Electrical Panel, Limitorque Operator
112.90				Parshall		7'	
112.90				Equipment		30'	Pole & 2 Antennas, A-35 Stevens Recorder, Radio-Voice Comm., Littleman Auto Control, Radio Check Alarm, Electrical Equip., SCADA Electronic Equip. Electrical Panel
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
112.90	6076+99.39			Check	Radial Gates	2 - 18' x 19.5'	White River
112.90			U/S	Utility Pole		35'	Pole & Anchor & D/Guy
112.91	6077+34.43	384.38	U/S	Siphon	Conc Bbl	3 - 12' x 12'-4"	Inlet - White River

112.91	6077+34.43	384.38	U/S	Chain Link Fence	Chain Link	6'	On Inlet Headwall
112.93	6078+03.00	378.02		River			White River
112.93	6078+03.00		Left	Power Line Crossing	Cables	220 Volts	Crossing over White River - SCADA
112.96	6078+70.23	385.19	D/S	Chain Link Fence	Chain Link	6'	On Outlet Headwall
112.96	6078+70.23	385.19	D/S	Siphon	Conc Bbl	3 - 12' x 12'-4"	Outlet - White River
112.96	6079+22.23	385.67	D/S	Siphon Outlet Transition	Conc	30'	Outlet Transition - White River
112.96			D/S	Utility Pole		35'	Pole, Anchor & D/Guy
113.14			Left	Recorder House	Conc Block	4' x 6'	Electrical Equip., SCADA Electronic Equip.
113.20	6091+96.00	385.50	Right	Pump In	Steel	8"	Irrigation
113.25				Ladder	Steel		
113.60	6112+67.23	383.70	Left	Turnout	Conc Bbl	4' x 4'	Kern - Tulare W.D. #2 - Turnout Constructed 2011 - Removed (5) 24" Suction Pipes - Rag Gulch Water District
113.61			U/S	Power Line Crossing		60 KV	SCE
113.61			U/S	Pipe Crossing	Steel	14"	Irrigation
113.61	6113+43.05	385.44		Bridge #46CO324	Conc	26' Rdwy	Ave. 24, H-15-44, County
113.61			D/S	Power Line Crossing	Pole Line	220 Volts	D.E.I.D.
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
113.62	6114+17.00	385.46	Left	Turnout	Conc Bbl	4' x 4'	Ave. 24 D.E.I.D. East
113.62	6114+17.00	385.46	Right	Turnout	Conc Bbl	2 - 4.5' x 4.5'	Ave. 24 D.E.I.D. West
113.73				Ladder	Steel		
113.82	6114+17.00	385.46	Right	Pump In	Steel	8"	Irrigation

113.90				Ladder	Steel		
114.05				Ladder	Steel		
114.26				Ladder	Steel		
114.26	6148+00.00	385.27	Left	Inlet Drain	CMP / w flap vlvs	2 - 24"	
114.50				Ladder	Steel		
114.60				Ladder	Steel		
114.73			U/S	Power Line Crossing	Pole Line	12 KV	SCE
114.73	6172+97.21	385.11		Bridge #46CO323	Conc	26' Rdwy	Ave. 16, H-15-44, County
114.73			D/S	Pipe Crossing	Steel	14"	
114.80				Ladder	Steel		
114.89	6181+42.00	385.03	Left	Pump In	PVC	6"	Irrigation
115.10				Ladder	Steel		
115.25				Ladder	Steel		
115.39	6207+72.25	384.91		Overchute	Steel	14"	Pipe
115.48				Ladder	Steel		
115.54	6215+56.00	384.85	Left	Inlet Drain	CMP / w flap vlvs	3 - 24"	
115.60				Ladder	Steel		
115.75				Ladder	Steel		
115.85	6232+11.00	384.80	Right	Pump In	Steel	8"	Irrigation
115.94			U/S	Power Line Crossing	Pole Line	22 KV & 4 KV	SCE
115.94	6234+51.35	384.74		Bridge #46CO322	Conc	26' Rdwy	Ave. 8, H-15-44, County
115.94			D/S	Pipe Crossing	Steel	12"	Pipe
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
115.95	6235+16.00	384.74	Right	Turnout	Conc Bbl	2 - 4' x 4'	D.E.I.D.
116.01				Ladder	Steel		
116.15				Ladder	Steel		
116.38				Ladder	Steel		

116.40	6250+00.00		Right	Turnout	Steel	6" Outlet, 8" Return	Stryoytex Inc., Over the Bank Pump
116.44				Pipe Crossing	Steel	14"	
116.44	6260+99.01	384.59		Bridge	Conc	20' Rdwy	Ave. 4, H-15-44, Farm
116.44			D/S	Gas Crossing	Steel	6"	High Pressure Gas Line (So. Cal. Gas Co.)
116.45	6261+60.02	384.58		Bridge	Conc	16' R / R	Southern Pacific R.R., E-60
116.45				Underdrain	Steel	3 - 30"	150' East of Canal, Under Railbed, Pipe
116.46	6262+30.00	384.57	Left	Inlet Drain	Conc	30'	
116.55				Ladder	Steel		
116.68			Left	Inlet Drain	PVC	8"	
116.72				Ladder	Steel		
116.87	6285+19.00	384.55	Left	Inlet Drain	CMP	10"	
116.88	6285+56.00	384.50	Left	Inlet Drain	CMP	10"	
116.88	6285+69.00	384.46	Left	Inlet Drain	CMP	10"	
116.89				Ladder	Steel		
116.92	6286+39.00	384.43	Left	Turnout	Conc Bbl	3 - 4.5' x 4.5'	D.E.I.D. 1 West
116.93	6286+82.00	384.43		Overchute	Steel	27"	Pipe
116.93			U/S	Power Line Crossing	Pole Line	12 KV	SCE
116.93			Left	Inlet Drain	CMP	10"	Roadway
116.94			U/S	Power Line Crossing	Pole Line	12 KV	SCE
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
116.94	6287+53.01	384.43		Bridge #50CO091	Conc	40' Rdwy	County Line Road - Ave. 0 (Tulare & Kern County Line), H-50, County
116.95			Right	Over the Bank Pump	PVC	12"	

117.00	6290+53.01	384.40	Left	Inlet Drain	Conc	60'	Top of Liner, Wide Flumes (T.24S., R.26E.)
117.10				Ladder	Steel		(T.25S., R.26E.)
117.30				Ladder	Steel		
117.44	6313+78.46	384.27	Right	Turnout Low Flow Bypass	Conc Transite	2 - 4.5' x 4.5' & 1 - 18" Dia.	S.S.J.M.U.D. (BASSETT) H-100
117.48				Ladder	Steel		
117.49			Left	Pump In	PVC	8"	Irrigation
117.50	6317+14.46	384.24		Power Line Crossing	Pole Line	12 KV	SCE
117.60	6322+14.46	384.22	Left	Inlet Drain	Conc	60'	Top of Liner, Wide Flumes
117.70				Ladder	Steel		
117.74			Right	Pump In	Steel	8"	
117.85				Ladder	Steel		
117.95			U/S	Telephone Crossing	Pole Line	4 - Cables	
117.95	6340+68.47	384.11		Bridge #50CO089	Conc	36' Rdwy	Cecil Ave., H-20-S16-44, State
117.95			D/S	Power Line Crossing	Pole Line	60 KV	SCE
117.96	6341+34.70	383.60	Left	Turnout	Conc Bbl	4' x 4'	Cecil Ave., Kern - Tulare W.D. #3 - Turnout Constructed 2011 - Removed (7) 10" Suction Pipes - Rag Gulch Water District
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
118.04				Ladder	Steel		
118.07	6347+00.00	384.45	Left	Inlet Drain	Conc	45'	
118.11	6349+13.00	384.06	Right	Pump In	PVC	10"	Irrigation
118.11				Ladder	Steel		

118.40				Ladder	Steel		
118.45	6389+24.00	383.95	Right	Turnout	Conc Bbl	3' x 3'	D.E.I.D.
118.46	6389+74.14	383.95		Bridge #50CO265	Conc	26' Rdwy	9th Ave., H-15-44, County
118.46			D/S	Power Line Crossing	Pole Line	12 KV	SCE
118.56				Ladder	Steel		
118.71	6402+64.00	383.90		Overchute	Steel	14"	Pipe - Irrigation
118.75				Ladder	Steel		
118.96			U/S	Power Line Crossing	Pole Line	12 KV	SCE
118.96			U/S	Telephone Crossing	Joint Line	Cable	
118.96	6415+99.45	383.79		Bridge #50CO256	Conc	26' Rdwy	Garces Hwy., H-15-44, County
118.96				CVP Sign			Double
118.97			D/S	Gas Crossing	Steel	14"	High Pressure Gas Line (So. Cal. Gas Co.)
119.01				Ladder	Steel		
119.20	6430+00.00	383.60		Power Line Crossing	Pole Line	12 KV	SCE
119.25				Ladder	Steel		
119.27	6432+50.00	383.69	Left	Inlet Drain	CMP / w flap vlvs	2 - 24"	Closed Off
119.35				Ladder	Steel		
119.48			U/S	Pipe Crossing	Steel	12"	Irrigation w/Pump in/out
119.48	6441+13.14	383.62		Bridge #FRES-082	Timber	16' Rdwy	H-15, Farm, Landowner
119.48				Ladder	Steel		
119.49	6441+30.00	383.62		Begin Transition	Conc	30'	
119.50	6441+90.00	383.73		End Transition	Conc	36'-6"	End Lined Section #4
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
119.50	6441+90.00	383.73		Erosion Belt Riprap	Rock	24"	Beginning
119.51	6442+15.00	383.73		Erosion Belt Riprap	Rock	24"	Ending
119.51	6442+15.00	383.73		Begin Earth Lined Section	Earth	40'	Earth Lined Section #7

119.52	6444+54.00		Left	Turnout	Conc Pipe	2 - 24"	Interconnect to North End of Equalizing Reservoir
120.05			U/S	Power Line Crossing	Pole Line	12 KV	SCE
120.05	6471+06.21	383.56		Bridge #50CO266	Conc	26' Rdwy	Woollomes Ave., H-15-44, County
120.06	6471+48.83	383.56	Right	Turnout	Conc	2 - 4.5' x 4.5'	S.S.J.M.U.D. (AIRPORT)
120.06	6471+60.00	383.56	Left	Turnout	Conc	4' x 4'	FKC into Equalizing Reservoir
120.15			Right	Pump In	PVC	12"	Irrigation
120.26	6479+21.00	383.50	Right	Pump In	PVC	6"	Irrigation
121.49	6548+09.80	383.14	Left	Turnout	Conc Bbl	2 - 6' x 6'	Reservoir into FKC
121.50				Float Line			Safety
121.50	6548+30.00	383.14		End Earth Lined Section	Earth	40'	Earth Lined Section #7
121.50	6548+30.00	383.14		Begin Transition	Conc	40'	
121.50				Ladder	Steel		
121.50	6548+36.00	383.14	U/S (Rt)	Recorder House	Conc Block	12' x 9'	Water Level Gaging Station, A-35 Stevens Recorder, Radio Voice Comm., Littleman Auto Control
121.50				Equipment		30'	Pole & 2 Antennas, Electrical Equip. Panel, SCADA Equip. Panel
Milepost	**Station**	**Design Invert**		**Description**	**Type**	**Size**	**Misc. Notes**
121.50				Equipment			Tel - a - Mark Unit, Radio Check Alarm, Electrical Equip., SCADA Electronic Equip.

121.50				Turnout	Conc Bbl	2 - 5' x 5'	Outlet from FKC Reservoir
121.50			Right	Utility Pole		30'	Light Pole
121.50				Storage Yard			200' West of Check Structure
121.50	6548+75.00	383.14		Check	Radial Gates	3 - 14' x 20'	Lake Woollomes
121.51	6549+55.00	383.14		End Transition	Conc	30'	Begin Lined Section #5
121.52	6550+32.00	382.94		Power Line Crossing	Pole Line	12 KV	SCE
121.53			Right	Pump In	PVC	10"	Irrigation
121.64	6555+00.00		Left	Inlet Drain	Conc Bbl / w flap vlvs	18"	
121.67	6556+75.92	382.80	D/S	Recorder House	Conc Block	6' x 8'	Electrical Equip., SCADA Equip.
121.75				Ladder	Steel		
121.95				Ladder	Steel		
122.05				Pump In	PVC	6"	Irrigation
122.05			U/S	Telephone Crossing	Joint Line	Cable	
122.05	6575+42.94	382.78		Bridge #50CO130	Conc	40' Rdwy	Pond Road, H-15-44, County
122.05			D/S	Pipe Crossing	Steel	14"	Pipe
122.05			D/S	Power Line Crossing	Pole Line	12 KV	SCE
122.06	6575+94.94	382.77	Right	Turnout Low Flow Bypass	Conc Transite	2 - 4.5' x 4.5' 18"	Pond West S.S.J.M.U.D. Pipe
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
122.06	6576+02.44	382.76	Left	Turnout	Conc	2 - 3.5' x 3.5'	Pond East S.S.J.M.U.D.
122.12				Ladder	Steel		
122.28				Ladder	Steel		

122.48	6598+00.00	382.64	Left	Inlet Drain	CMP / w flap vlvs	2 - 18"	
122.50				Ladder	Steel		
122.57	6602+64.70	382.61		Bridge #50CO267	Conc	26' Rdwy	Zachary Ave., H-15-44, County
122.70				Ladder	Steel		
122.80				Ladder	Steel		
122.85			U/S	Pipe Crossing	Steel	12"	
122.85	6617+73.90	382.51		Bridge #FRES-083	Timber	16' Rdwy	H-15, Farm
123.01				Ladder	Steel		
123.04	6626+00.00	382.47	Left	Inlet Drain	CMP / w flap vlvs	18"	
123.20				Ladder	Steel		
123.24			U/S	Power Line Crossing	Joint Line	60 KV	SCE
123.24	6636+19.97	382.40		Bridge #50CO268	Conc	26' Rdwy	Peterson Road, H-15-44, County
123.24			D/S	Telephone Crossing	Pole Line	Cable	
123.45				Ladder	Steel		(T.25S., R.26E.)
123.60				Ladder	Steel		(T.26S., R.26E.)
123.65	6658+26.97	382.27		Bridge #FRES-084	Timber	16' Rdwy	H-15, Farm
123.65			D/S (Rt)	Pump In	PVC	10"	
123.66	6658+56.77	382.27		Power Line Crossing	Pole Line	12 KV	SCE
123.75				Ladder	Steel		
123.93	6673+00.00	382.18	Left	Inlet Drain	CMP / w flap vlvs	3 - 24"	
123.98				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
124.15				Ladder	Steel		
124.27			U/S	Pipe Crossing	Steel	2 - 4"	
124.27	6690+45.16	382.07		Bridge #50CO269	Conc	26' Rdwy	Elmo Hwy., H-15-44, County

124.27			D/S	Power Line Crossing	Pole Line	12 KV	SCE
124.27			D/S	Telephone Crossing	Joint Line	Cable	
124.28	6691+10.60	382.07	Right	Turnout Low Flow Bypass	Conc Transite	2 - 4.5' x 4.5' 18"	S.S.J.M.U.D. (ELMO WEST) Pipe
124.28	6691+10.60	382.07	Left	Turnout	Conc	48" Dia.	Sluice Gate S.S.J.M.U.D. (ELMO EAST) Constructed 2008
124.31	6692+50.00	382.06	Left	Inlet Drain	CMP / w flap vlvs	2 - 18"	
124.38				Ladder	Steel		
124.50				Ladder	Steel		
124.77	6716+75.00	381.91		Overchute	Steel	10"	Pipe
124.77				Guard Rail			Safety
124.87				Ladder	Steel		
125.02	6729+83.00	381.80		Power Line Crossing	Pole Line	12 KV	SCE
125.17	6738+00.00	381.78	Left	Inlet Drain	CMP / w flap vlvs	30"	
125.28	6743+50.02	381.75		Bridge #50CO270	Conc	26' Rdwy	Sherwood Ave., H-15-44, County
125.28			D/S	Telephone Crossing	Joint Line	Cable	
125.28			D/S	Power Line Crossing	Pole Line	12 KV	SCE
125.29	6744+15.00	381.75	Left	Turnout	Conc Bbl	2 - 4' x 4'	S.S.J.M.U.D. (SHERWOOD)
125.32	6745+61.00	381.75		Power Line Crossing	Pole Line	12 KV	PG&E
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
125.38				Ladder	Steel		
125.50				Ladder	Steel		
125.75				Ladder	Steel		

125.83	6773+00.00	381.58	Left	Inlet Drain	CMP / w flap vlvs	2 - 24"	
125.86			U/S	Power Line Crossing	Pole Line	12 KV	SCE
125.86			U/S	Pipe Crossing	Steel	14"	(Removed)
125.86	6774+40.00	381.56		Bridge #FRES-085	Timber	16' Rdwy	H-10, Farm (Removed 2011)
125.87	6775+08.20	381.56	Right	Turnout	Conc Bbl	2 - 3' x 3'	S.S.J.M.U.D. (TAYLOR)
125.88	6775+35.00	381.55		Power Line Crossing	Pole Line	4 KV	PG&E
126.15				Ladder	Steel		
126.30				Ladder	Steel		
126.37			U/S	Power Line Crossing	Pole Line	12 KV	SCE
126.37	6801+16.73	381.40		Bridge #50CO275	Conc	40' Rdwy	Hanawalt Ave., H-50, County
126.37			D/S	Telephone Crossing	Pole Line	Cable	
126.38	6802+07.56	381.40	Left	Turnout	Conc Bbl	42" Dia.	S.S.J.M.U.D. (HANAWALT) Constructed - 2002
126.38	6802+18.23	381.40	Left	Inlet Drain	CMP / w flap vlvs	30"	
126.39	6802+75.00	381.39	Left	Inlet Drain	CMP / w flap vlvs	30"	
126.47				Ladder	Steel		
126.67				Ladder	Steel		
126.85				Ladder	Steel		
126.87			U/S	Power Line Crossing	Pole Line	12 KV	PG&E
126.87			U/S	Telephone Crossing	Joint Line	Cable	Central Telephone Co.
126.87			U/S	Pipe Crossing	Steel	6"	
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
126.87	6827+80.92	381.24		Bridge #FRES-086	Timber	16' Rdwy	H-10, Farm
126.87			D/S	Pipe Crossing	Steel	6"	
127.05				Ladder	Steel		

127.08	6838+70.00	381.17		Power Line Crossing	Pole Line	12 KV	PG&E
127.09	6839+00.00	381.17	Left	Inlet Drain	CMP / w flap vlvs	2 - 18"	
127.25				Ladder	Steel		
127.38				Ladder	Steel		
127.41	6856+14.00	381.08		Telephone Crossing	Pole Line	Cable	
127.42	6856+68.00	381.07		Power Line Crossing	Pole Line	12 KV	PG&E
127.43	6856+83.15	381.07	Right	Turnout	Conc Bbl	3.5' x 3.5'	S.S.J.M.U.D. (WHISTLER)
127.47			U/S	Power Line Crossing	Pole Line	12 KV	PG&E
127.47	6858+79.47	381.05		Bridge #50CO119	Conc	40' Rdwy	Driver Road, H-50, County
127.47			D/S	Telephone Crossing	Pole Line	Cable	
127.56				Ladder	Steel		
127.67				Ladder	Steel		
127.87	6884+19.00	380.90		Power Line Crossing	Pole Line	12 KV	PG&E
127.90				Ladder	Steel		
127.97	6885+42.67	380.89	Left	Turnout	Conc Bbl	4.5' x 4.5'	S.S.J.M.U.D. (PHILLIPS)
128.03	6888+54.67	380.85		Overchute	Steel	8"	Pipe w / Butterfly Valve Discharges into FKC
128.10				Ladder	Steel		
128.35				Ladder	Steel		
128.50				Ladder	Steel		
128.69				Ladder	Steel		
128.69				Float Line			Safety
128.69				CVP Sign			Double
128.69	6923+12.44	380.67	U/S	Siphon Inlet Transition	Conc	30'	Inlet Transition - State Hwy. 99
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**
128.69	6923+58.44	379.99	U/S	Siphon	Conc Bbl	3 - 12.5' x 12.5'	Inlet - State Hwy. 99

128.69	6923+58.44	379.99		Chain Link Fence	Chain Link	6'	On Inlet Headwall
128.72	6924+73.92	378.00		Railroad	Track		Southern Pacific Railroad
128.73	6925+54.46	378.00		Roadway	Fwy. 3 Lanes		North Bound - State Hwy. 99
128.75	6926+69.36	378.00		Roadway	Fwy. 3 Lanes		South Bound - State Hwy. 99
128.77				Guard Rail			Safety
128.77				CVP Sign			Double
128.77	6927+06.25	379.99		Chain Link Fence	Chain Link	6'	On Outlet Headwall
128.77	6927+06.25	379.99	D/S	Siphon	Conc Bbl	3 - 12.5' x 12.5'	Outlet - State Hwy. 99
128.77	6927+52.25	379.99	D/S	Siphon Outlet Transition	Conc	30'	Outlet Transition - State Hwy. 99
128.77				Power Line Crossing			
128.85			Right	Pump In	Steel	12"	Irrigation
129.00				Ladder	Steel		
129.30				Ladder	Steel		
129.46	6964+06.00	379.74		Power Line Crossing	Pole Line	12 KV	
129.47				Ladder	Steel		
129.54				Ladder	Steel		
129.74				Ladder	Steel		
129.94	6989+94.60	379.62		Siphon	Conc Bbl	3' x 3'	Irrigation
130.01				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

130.03			U/S	Recorder House	Conc Block	10' x 11'	Utility Service Pole (35'), Pole (30') w/2 Antennas, A-35 Stevens Recorder, Radio Voice Comm., Radio Check Alarm, Littleman Auto Control, Electrical Equip., SCADA Electronic Equip., Electrical Panel, SCADA Panel
130.03				Float Line			Safety
130.03				Ladder	Steel		
130.03	6994+79.02	379.59	Right	Waste Way	Radial Gates	2 - 15' x 6.5'	Poso Creek Crest Elev. - 391.20
130.03	6994+79.02	379.59		Chain Link Fence	Chain Link	6'	On Inlet Headwall
130.04	6995+03.80	379.59	U/S	Siphon Inlet Transition	Conc	30'	Inlet Transition - Poso Creek
130.05	6995+59.80	379.59		Check	Radial Gates	2 - 12' x 17.5'	Poso Creek
130.07	6995+95.13	378.96	U/S	Siphon	Conc Bbl	2 - 12' x 17.5'	Inlet - Poso Creek
130.07	6995+95.13	378.96		Chain Link Fence	Chain Link	6'	On Inlet Headwall
130.07	6996+11.13	374.17		Guard Rail			Safety
130.07	6996+11.13	374.17	U/S	Bridge #FRES-087	Timber	16' Rdwy	Entrance - Crosses Over Poso Creek, H-15, Operating
130.12	6997+60.00	374.17		Creek			Poso Creek
130.17	6999+07.21	374.17	D/S	Bridge #FRES-087	Timber	16' Rdwy	Exit - Crosses Over Poso Creek, H-15, Operating
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

130.17	6999+07.21	374.17		Guard Rail			Safety
130.17	6999+23.21	379.94		Chain Link Fence	Chain Link	6'	On Outlet Headwall
130.17	6999+23.21	379.94	D/S	Siphon	Conc Bbl	2 - 12' x 17.5'	Outlet - Poso Creek
130.19	6999+75.21	380.32	D/S	Siphon Outlet Transition	Conc	24'	Outlet Transtion - Poso Creek
130.20			D/S	Recorder House	Conc Block	4' x 4'	SCADA & Electrical Panels
130.30				Ladder	Steel		(T.26S., R.26E.)
130.50				Ladder	Steel		(T.27S., R.25E.)
130.70				Ladder	Steel		
130.81	7036+00.00	380.10		Bridge #FRES-088	Timber	20' Rdwy	H-15, Farm
130.82	7036+53.00	380.10	D/S	Power Line Crossing	Pole Line	12 KV	PG&E
130.85				Ladder	Steel		
130.99	7046+00.00	380.04	Left	Inlet Drain	Conc Bbl / w Sq. flap vlvs	2.5' x 3.0'	
131.08				Ladder	Steel		
131.26				Ladder	Steel		
131.34	7062+32.00	379.93		Siphon	Conc Bbl	4.5' x 4.5'	Irrigation Siphon w/ 6' Fence on Headwall (Cawelo Water District)
131.35			U/S	CVP Sign			Double
131.35	7063+01.38	379.93		Bridge #50CO146	Conc	42' Rdwy	State Hwy. 46 - Paso Robles Hwy., H-50, State
131.35			D/S	Power Line Crossing	Pole Line	70 KV	PG&E
131.35			D/S	Power Line Crossing	Pole Line	12 KV	PG&E
131.42				Ladder	Steel		
131.66				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

131.66	7079+00.00	379.83	Left	Inlet Drain	Conc Bbl / w Sq. flap vlvs	2 - 3'-8" x 3'-6"	
131.85				Ladder	Steel		
131.92	7088+00.00			Power Line Crossing	Pole Line	12 KV	PG&E
132.00				Ladder	Steel		
132.17	7106+25.00	379.67		Siphon	Conc	2 - 3'-9" x 3'-9"	Irrigation Siphon w/ Sq. Flap Valves (North Kern Water Storage District)
132.23				Ladder	Steel		
132.40	7118+25.00	379.60	Left	Inlet Drain	Conc Bbl / w Sq. flap vlvs	2 - 3'-8" x 3'-6"	
132.41				Ladder	Steel		
132.43	7120+10.04	379.59		Bridge #FRES-089	Timber	20' Rdwy	H-10, Farm (North Kern Water Storage District)
132.55				Ladder	Steel		
132.75				Ladder	Steel		
132.95				Ladder	Steel		
133.35				Ladder	Steel		
133.40	7170+95.00	379.28		Overchute	Steel	48"	Pipe (North Kern Water Storage District)
133.42	7172+25.00	379.27		Overchute	Steel	54"	Pipe (Cawelo Water District)
133.42			U/S	Power Line Crossing	Pole Line	12 KV	PG&E
133.43	7173+23.00	379.27		Bridge #FRES-090	Timber	20' Rdwy	H-15, Farm, (North Kern Water Storage District)
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

133.70	7187+00.00	379.19	Left	Inlet Drain	CMP	30"	
133.75				Ladder	Steel		
133.92	7198+54.80	379.12		Overchute	Steel	54"	Pipe w / Walkway
134.15				Ladder	Steel		
134.23	7215+00.00	379.02	Left	Inlet Drain	CMP	2 - 36"	
134.30				Ladder	Steel		
134.42	7224+83.52	379.01	Right	Turnout Low Flow Bypass	Conc Bbl Transite	3 - 4.5' x 4.5' 24" Dia.	Shafter - Wasco I.D. Pipe
134.43	7225+68.50			Gas Crossing	Steel	14"	High Pressure Gas Line (So. Cal. Gas Co.)
134.44	7225+68.52	378.96		Bridge #50CO110	Conc	40' Rdwy	Kimberlina Road, H-15-S12-44, County
134.44			D/S	Telephone Crossing	Pole Line	Cable	
134.44			D/S	Power Line Crossing	Pole Line	12 KV	PG&E
134.52				Ladder	Steel		
134.52	7230+00.00	378.93	Left	Inlet Drain	CMP	30"	
134.70				Ladder	Steel		
134.84	7246+81.58	378.82		Overchute	Steel	54"	Pipe w / Walkway (North Kern Water Storage District)
135.00				Ladder	Steel		
135.30				Ladder	Steel		
135.39	7276+00.00	378.64	Left	Inlet Drain	Conc Bbl / w flap vlvs	3' x 3'	
135.45				Power Line Crossing	Pole Line	12 KV	PG&E
135.45	7279+38.83	378.63		Bridge #FRES-091	Timber	20' Rdwy	H-15, Farm
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

Milepost	Station	Design Invert	Location	Description	Type	Size	Misc. Notes
135.47	7280+31.00	378.62		Siphon	Conc Bbl	3.75' x 3.75'	Siphon - Irrigation Ditch (North Kern Water Storage District)
135.48			Right	Pump In	Steel	12"	Irrigation
135.60				Ladder	Steel		
135.80				Ladder	Steel		
135.84	7300+00.00	378.51	Left	Inlet Drain	Conc Bbl / w flap vlvs	4' x 4'	
136.00				Ladder	Steel		
136.15				Ladder	Steel		
136.32	7325+00.00	378.36	Left	Inlet Drain	Conc Bbl / w flap vlvs	4' x 4'	
136.38				Ladder	Steel		
136.63				Power Line Crossing	Pole Line	12 KV	PG&E
136.63	7341+50.00	378.24		Overchute	Steel	48"	Pipe (North Kern Water Storage District)
136.67	7343+36.57	378.24		Bridge #FRES-092	Timber	20' Rdwy	Merced Ave., H-15, Farm, (North Kern Water Storage District)
136.72				Ladder	Steel		(T.27S., R.25E.)
136.87				Ladder	Steel		(T.28S., R.26E.)
137.14				Ladder	Steel		
137.17	7370+00.00	378.09	Left	Inlet Drain	CMP	30"	
137.17	7370+03.80	378.09	Right	Turnout Low Flow Bypass	Conc Bbl Transite	3 - 5' x 5' 24"	Shafter - Wasco I.D. H-100

Milepost	Station	Design Invert	Location	Description	Type	Size	Misc. Notes
137.19	7371+44.00	378.08	U/S	Recorder House	Conc Block	10' x 11'	Pole (30') & 2 Antennas, A-35 Stevens Recorder, Radio Voice Comm., Radio Check Alarm, Littleman Auto Control, Electrical Equip., SCADA Electronic Equip.
137.19				Float Line			Safety
137.19				Ladder	Steel		
137.20	7371+50.00	378.08		Check Inlet Transition	Conc	24'	Inlet Transition - Shafter Check
137.20	7371+80.00	378.08		End Transition	Conc	65'	Ending
137.20			Left	Bypass	Steel	36"	Shafter - Wasco
137.20	7371+80.00	378.08		Check	Radial Gates	3 - 14' x 16'	Shafter - Wasco
137.21	7372+16.10	378.08		Begin Outlet Transition	Conc	65'	Beginning
137.21	7372+24.40	378.08	Right	Pump		60 Hp / 3 ph	(Shafter - Wasco I.D.)
137.21	7372+46.82	378.07		Check Outlet Transtion	Conc	24'	Outlet Transition - Shafter Check - Ending
137.30				Ladder	Steel		
137.36	7379+95.80	378.03		Water Line, Siphon	Steel	2 1/2"	Water Supply Line (North Kern Water Storage District)
137.37	7380+47.80	378.03		Recorder House	Conc Block	4' x 6'	
137.50				Ladder	Steel		
137.69				Ladder	Steel		

137.70	7398+10.00	377.92		Overchute	Steel	48"	Pipe w / Walkway (North Kern Water Storage District)
137.78				Ladder	Steel		
137.95	7416+00.00	377.85		Power Line Crossing	Pole Line	12 KV	PG&E
138.07				Ladder	Steel		
138.12	7420+00.00	377.79	Left	Inlet Drain	CMP	30"	
138.14	7421+00.00	377.67		Bridge #FRES-093	Timber	24' Rdwy	H-15, Farm (North Kern Water Storage District)
138.25				Ladder	Steel		
138.50				Ladder	Steel		
138.61	7445+67.00	377.53		Overchute	Steel	16"	Pipe (County of Kern) (Removed 2017)
138.64				Ladder	Steel		
138.80				Ladder	Steel		
139.00				Ladder	Steel		
139.15				Ladder	Steel		
139.19	7476+60.00	377.45	Left	Inlet Drain	Conc Bbl / w flap vlvs	2 - 3'-8" x 3'-6"	
139.20			U/S	Pipe Crossing	Steel	12"	City of Shafter
139.20			U/S	Gas Crossing	Steel	12"	High Pressure Gas Line (So. Cal. Gas Co.)
139.20	7477+18.33	377.44		Bridge #50CO108 R	Conc	26' Rdwy	Lerdo Hwy. - North Lane, H-50, County
139.20	7477+57.67	377.44		Bridge #50CO108 L	Conc	26' Rdwy	Lerdo Hwy. - South Lane, H-50, County
139.20			D/S	Power Line Crossing	Pole Line	12 KV	PG&E
139.32				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

139.41	7480+03.67	377.39		Power Line Crossing	Pole Line	12 KV	
139.51				Ladder	Steel		
139.70				Ladder	Steel		
139.90				Ladder	Steel		
139.92	7548+00.00	377.22	Left	Inlet Drain	CMP / w flap vlvs	4'-10" x 3'-3"	
139.93	7548+52.00	377.21		Power Line Crossing	Pole Line	12 KV	PG&E
140.20				Ladder	Steel		
140.40				Ladder	Steel		
140.50				Ladder	Steel		
140.59	7584+13.00	376.89		Siphon	Conc Bbl	3.0' x 3.0'	Siphon - Irrigation Ditch (North Kern Water Storage District)
140.63	7585+23.00	376.88		Bridge #FRES-094	Timber	20' Rdwy	H-15, Farm (North Kern Water Storage District)
140.63			D/S	Pipe Crossing	Steel	2"	Irrigation
140.63			D/S	Power Line Crossing	Pole Line	12 KV	PG&E
140.71				Ladder	Steel		
140.83				Ladder	Steel		
141.00				Ladder	Steel		
141.21	7615+85.00	376.81		Power Line Crossing	Pole Line	12 KV	PG&E
141.27				Ladder	Steel		
141.29	7620+50.00	376.78	Left	Inlet Drain	Conc Bbl / w flap vlvs	4'-10" x 3'-3"	
141.37	7624+90.00	376.64		Siphon	Conc Bbl	3' x 3'	Irrigation (North Kern Water Storage District)
141.45				Ladder	Steel		
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

141.64				Ladder	Steel		
141.66	7640+00.00	376.66	Left	Inlet Drain	Conc Bbl / w flap vlvs	3' x 3'	
141.79	7646+46.00	376.62		Siphon	Steel	14"	Siphon - Irrigation Pipe
142.00				Ladder	Steel		
142.06	7662+00.00	376.54	Left	Inlet Drain	Conc Bbl / w flap vlvs	3' x 3'	
142.12				Ladder	Steel		
142.29				Telephone Crossing	Joint Line	1 - cct	
142.29				Power Line Crossing	Pole Line	12 KV	PG&E
142.29	7673+30.00	376.49		Bridge #FRES-095	Timber	16' Rdwy	H-15, Farm, Landowner
142.38				Ladder	Steel		
142.40	7679+00.00	376.44	Left	Inlet Drain	Conc Bbl / w flap vlvs	3' x 3'	
142.58				Ladder	Steel		
142.58	7688+30.00	376.38		Siphon	Steel	12"	Siphon - Irrigation Pipe
142.70				Ladder	Steel		
142.85	7702+94.00		U/S	Pipe Crossing	Steel	12"	So. Cal. Gas, Gas Line
142.86	7703+36.08	376.29		Bridge #50CO258	Conc	40' Rdwy	Zerker Road, H-50, County
142.94				Ladder	Steel		
143.17				Ladder	Steel		
143.18	7720+00.00	376.19	Left	Inlet Drain	Conc Bbl / w flap vlvs	4'-10" x 3'-3"	
143.26			U/S	Pipe Crossing	Steel	20"	
143.26	7724+40.00	376.16		Bridge #FRES-096	Timber	16' Rdwy	H-15, Farm
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

143.35				Ladder	Steel		
143.59	7741+33.00	376.10	U/S	Power Line Crossing	Pole Line	12 KV	
143.62	7743+00.00	376.05		Bridge #FRES-097	Timber	16' Rdwy	H-15, Farm
143.75				Ladder	Steel		
143.90				Ladder	Steel		
143.90	7758+00.00	375.96	Left	Inlet Drain	Conc Bbl / w flap vlvs	2 - 3'-2" x 3.0'	
143.99	7762+83.00	375.80		Power Line Crossing	Pole Line	12 KV	(Skewed)
144.05				Ladder	Steel		
144.20				Ladder	Steel		
144.31			U/S	Pipe Crossing	Steel	10"	
144.31	7780+00.00	375.83		Bridge #FRES-098	Timber	20' Rdwy	H-15, Farm
144.31			D/S	Pipe Crossing	Steel	18"	
140.40	7782+08.36			Pipe Crossing	Steel	24"	Inside 36" Casing North Kern W.S.D. Constructed 2016
144.49				Ladder	Steel		
144.75				Ladder	Steel		
144.81				Ladder	Steel		
144.85	7808+16.00	375.73		Siphon	RCP	Book Shows 48" Conc. Drawing Calls out 63" RCP	Siphon Removed - Pipe Abandoned in place - Ditch Filled in Over New 96" RCP - Lerdo/Calloway Canal Intertie - Constructed 2010 / 2011
144.88	7809+76.85			Pipe Crossing	RCP	96"	Under Canal - N.K.W.S.D. Lerdo/Calloway Canal Intertie - Constructed 2010 / 2011
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

144.89				Ladder	Steel		
144.89				Float Line			Safety
144.90	7810+85.00	375.74	Right	Turnout	Conc Bbl	6' x 6'	North Kern W.S.D. #1 Constructed 2002/2003
144.91	7811+38.61	377.26	Right	Turnout	Conc Bbl	2 - 6' x 6'	North Kern W.S.D. #2 Constructed 2010 / 2011
144.95	7813+25.00	375.63		Siphon	Steel	18"	Siphon - Irrigation Pipe
145.02				Ladder	Steel		
145.15	7824+00.00	375.56	Left	Inlet Drain	Conc Bbl / w flap vlvs	3.5' x 3.5'	
145.21				Ladder	Steel		
145.41				Ladder	Steel		
145.49			U/S	Pipe Crossing	Steel	20"	
145.49	7842+15.00	375.56		Bridge #FRES-099	Timber	20' Rdwy	H-15, Farm
145.49			D/S	Power Line Crossing	Pole Line	12 KV	PG&E
145.55				Ladder	Steel		
145.66	7851+00.00	375.41	Left	Inlet Drain	Conc Bbl / w flap vlvs	2 - 3'-2" x 3'	
145.78				Ladder	Steel		
145.92				Ladder	Steel		
145.98			U/S	Telephone Crossing	Joint Line	Cable	
145.98			U/S	Pipe Crossing	Steel	24"	Shell Oil Company (Removed in 2010)
145.98	7868+25.64	375.30		Bridge #50CO141 R	Conc	32' Rdwy	7th Standard Road - North Lane, (West Bound) H-50, County
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

145.99	7868+64.98	375.30		Bridge #50CO141 L	Conc	32' Rdwy	7th Standard Road - South Lane, (East Bound) H-50, County
145.99			D/S	Power Line Crossing	Steel Tower	110 KV	PG&E
146.00	7869+40.00	375.30		Pipe Crossing	Steel	2 - 24"	Shell Pipeline Company LP
146.13				Ladder	Steel		
146.17	7878+00.00	375.24	Left	Inlet Drain	Conc Bbl / w flap vlvs	3.5' x 3.5'	(T.28S., R.26E.)
146.26	7882+55.00	375.21		Siphon	Conc Bbl	3.0' x 3.0'	Irrigation Ditch (T.29S., R.27E.)
146.30				Ladder	Steel		
146.48			U/S	Pipe Crossing	Steel	10"	Union Oil Pipe
146.48			U/S	Pipe Crossing	Steel	12"	Irrigation
146.48	7894+65.00	375.15		Bridge #FRES-100	Timber	20' Rdwy	H-15, Farm
146.48			D/S	Pipe Crossing	Steel	2"	Irrigation
146.51	7896+00.00	375.14	Left	Inlet Drain	Conc Bbl	3' x 3'	
146.52				Ladder	Steel		
146.62	7901+60.00	375.10		Water Line Crossing	Steel	4"	Shell Pipeline Company LP
146.66	7903+56.00	375.07		Power Line Crossing	Pole Line	12 KV	PG&E
146.68				Ladder	Steel		
146.89				Ladder	Steel		
147.00			U/S	Telephone Crossing	Pole Line	Cable	Relocated 2007
147.01	7922+35.77	374.98		Bridge #50CO260	Conc	90' Rdwy	Snow Road, H-50, County
147.01			D/S	Power Line Crossing	Pole Line	12 KV	PG&E
147.01	7922+99.00	374.98	D/S	Pipe Crossing	Steel	12"	Cal. Water
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

147.01	7923+09.00	374.98	D/S	Pipe Crossing	C900 PVC	12"	City of Bakersfield - Water Mainline
147.08				Ladder	Steel		
147.27	7935+82.00	374.91		Power Line Crossing	Pole Line	12 KV	PG&E (Skewed) (Removed With Subdivision Development)
147.28	7936+41.00	374.91		Siphon	Steel	18"	Irrigation Pipe
147.29				Ladder	Steel		
147.45				Ladder	Steel		
147.54				Pipe Crossing	Steel Casing	48"	Pipe Crossing 48" Steel Casing Under Canal, Sewer Line 36" D.I. Carrier (North of River Sanitary District No. 1)
147.55	7951+00.00	374.80	Left	Inlet Drain	Conc Bbl	3'-2" x 3.0'	
147.56	7951+53.00	374.80		Telephone Crossing	Pole Line		P.T. & T. (book)
147.57	7951+94.00	374.80		Pipe Crossing	Steel	8"	Under Canal (Union Oil Co.)
147.70				Ladder	Steel		
147.72	7959+81.50	374.75		Siphon	Steel	18"	Irrigation
147.90				Ladder	Steel		
148.18				Ladder	Steel		
148.18				Float Line			Safety
148.18	7983+52.00	373.97		Siphon Inlet Transition	Conc	24'	Inlet Transition - Calloway & Olive Drives
148.19	7983+80.00	373.97	U/S	Siphon	Conc Bbl	2 - 23'-3" x 17'	Inlet - Calloway & Olive Drives
148.23	7985+78.22	373.95		Intersection	Asphalt		Calloway Dr. & Olive Dr.
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

148.27	7987+70.00	373.93	D/S	Siphon	Conc Bbl	2 - 23'-3" x 17'	Outlet
148.28	7987+98.00	373.93		Siphon Outlet Transition	Conc	24'	Outlet Transition - Calloway & Olive Drives
148.35				Ladder	Steel		
148.71	8010+00.00	374.44	Left	Inlet Drain	CMP / w flap vlvs	2 - 48"	
148.75				Ladder	Steel		
148.84	8016+73.50	374.40		Overchute	Steel	42"	Pipe
148.85	8017+08.00	374.40		Oil Line Crossing	Steel	3 - 8"	Standard Oil Company
148.88	8019+26.00	374.39		Bridge #FRES-101	Timber	20' Rdwy	H-15, Riverlakes Golf Course, Landowner
148.88			D/S	Communication Lines	Conduit	3 - 1"	
148.95				Ladder	Steel		
149.05	8027+98.00	374.33		Overchute	Steel	8"	Pipe (Union Oil Co.)
149.14				Ladder	Steel		
149.31				Ladder	Steel		
149.34	8043+50.00	374.23		Underdrain	Conc Bbl	3.0' x 3.0'	Plugged Under Bank
149.37	8045+19.53	374.22		Bridge #Unknown	Conc	100' Rdwy	Hageman Road, H-50, City of Bakersfield
149.46				Ladder	Steel		
149.53	8053+57.00	374.18		Siphon	Conc Bbl	3.0' x 3.0'	K.R.D. & S. Co., Irrigation
149.65				Ladder	Steel		
149.89				Ladder	Steel		
149.95			U/S	Pipe Crossing	Steel	16"	
149.95	8072+55.00	374.06		Bridge #FRES-102	Timber	16' Rdwy	H-10, Farm
149.95			D/S	Pipe Crossing	Steel	1 1/2"	
150.05	8080+70.00	374.01		Overchute	Steel	20"	High Pressure Gas Line (PG&E)
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

150.09	8083+06.00	374.00		Power Line Crossing	Tower Line	110 KV	PG&E (Skewed Line Crossing)
150.10	8083+15.00	374.00		Power Line Crossing	Pole Line	70 KV	PG&E (Skewed Line Crossing)
150.10	8083+40.00	373.99		Siphon	Conc Bbl	4.0' x 4.0'	Irrigation
150.10	8083+40.00	373.99		Power Line Crossing	Tower Line	110 KV	PG&E (Skewed Line Crossing)
150.22	8085+61.00	373.97	U/S	Overchute	Steel	2 - 12"	Oil Lines - 6" & 8" Pipes, Inside 2 - 12" Pipes (Standard Oil Co.)
150.23	8086+67.68	373.96		Bridge #50CO323	Conc	100' Rdwy	Coffee Road, H-50, City of Bakersfield
150.26	8092+00.00	373.95		Overchute	Steel	20"	High Pressure Gas Line (PG&E)
150.30	8104+50.00	373.93	Left	Inlet Drain	Conc Bbl / w flap vlvs	3' x 3'	
150.32				Float Line			Safety
150.32	8105+64.25	373.93	U/S	Siphon Inlet Transition	Conc	24'	Inlet Transition - Calloway Canal
150.32	8106+16.25	372.90	U/S	Siphon	Conc Bbl	2 - 12' x 12'-4"	Inlet - Calloway Canal
150.32	8106+16.25	372.90		Chain Link Fence	Chain Link	6'	On Inlet Headwall
150.33	8106+20.83	367.55	U/S	Bridge #FRES-103	Timber	16' Rdwy	Entrance - Crosses Over Calloway Canal, H-15, Operating
150.35	8107+04.31	367.55	D/S	Bridge #FRES-103	Timber	16' Rdwy	Exit - Crosses Over Calloway Canal, H-15, Operating
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

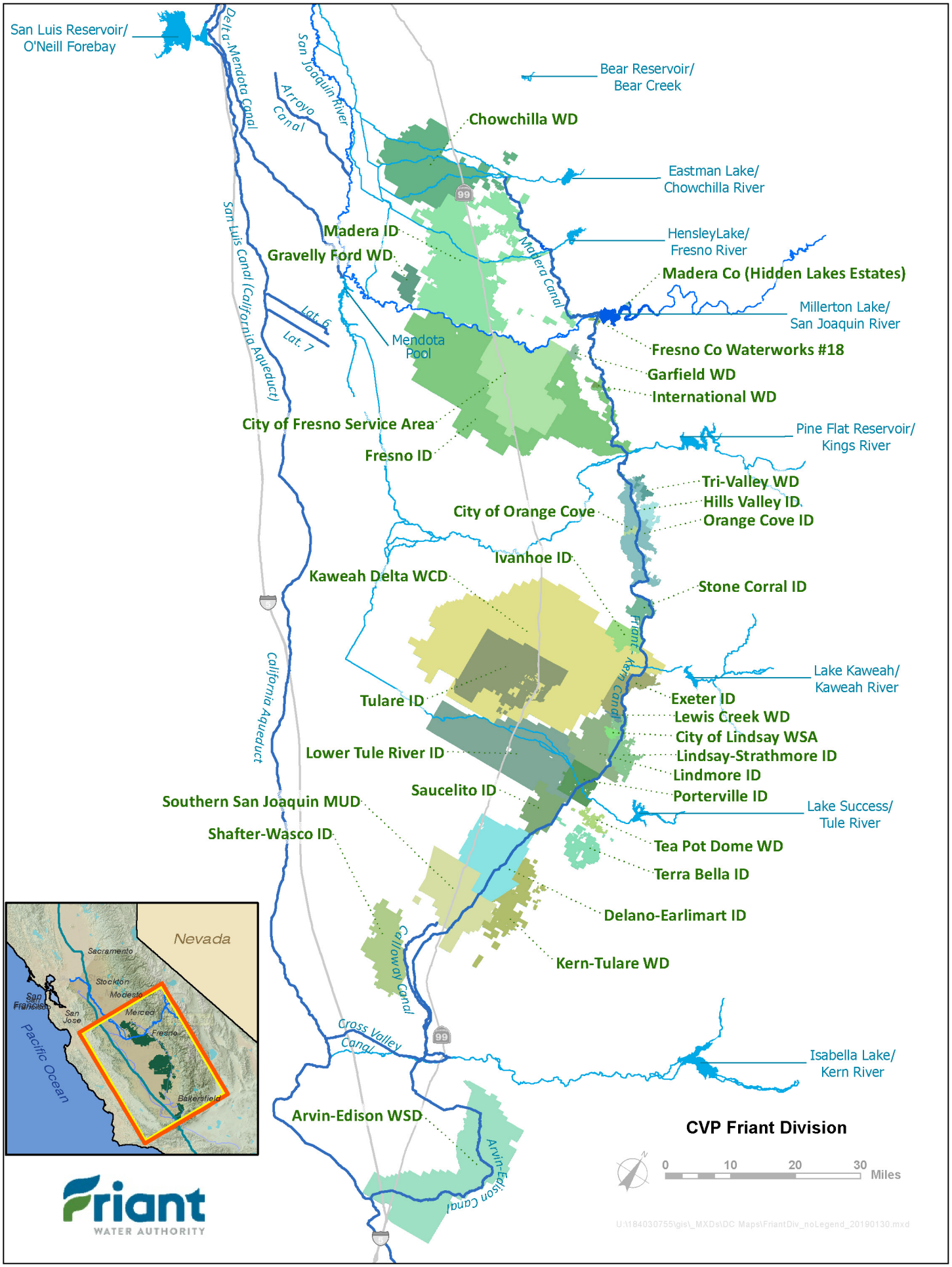
150.36	8107+11.75	372.90		Chain Link Fence	Chain Link	6'	On Outlet Headwall
150.36	8107+11.75	372.90	D/S	Siphon	Conc Bbl	2 - 12' x 12'-4"	Outlet - Calloway Canal
150.36	8107+63.75	373.45	D/S	Siphon Outlet Transition	Conc	24'	Outlet Transition - Calloway Canal
150.42				Ladder	Steel		
150.61				Pipe Crossing	Steel Casing	18"	Pipe Crossing 18" Steel Casing Under Canal, Sewer Line 12" PVC Carrier (City of Bakersfield)
150.63			U/S	Telephone Crossing	Joint Line	Cables	
150.63	8122+21.98	373.36		Bridge #50C0181	Conc	70' Rdwy	Rosedale Hwy. - Hwy. 58 (West Lanes), H-20-S16-44, State
150.64	8122+74.41	373.36		Bridge #50C0181	Conc	44' Rdwy	Rosedale Hwy. - Hwy. 58 (East Lanes), H-20-S16-44, State
150.64			D/S	Pipe Crossing	Steel	16"	City of Bakersfield Water Line
150.64			D/S (Lt)	CVP Sign			Double
150.64	8122+75.00	373.36	D/S	Power Line Crossing	Pole Line	12 KV	PG&E
150.71	8126+00.00	373.34	Left	Inlet Drain	CMP / w flap vlvs	18"	
150.75				Ladder	Steel		
150.82				Bridge #Unknown	Conc	40' Rdwy	Jetway Road, H-50 (Lowes Entrance)
150.83	8132+66.00	373.30	Right	Turnout	Conc Bbl	3' x 3'	PG&E Steam Plant
150.92	8136+22.00	373.26		Power Line Crossing	Pole Line	12 KV	PG&E
151.02	8142+40.00	373.24		Bridge #FRES-104	Timber	16' Rdwy	H-15, Farm
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

151.02			D/S	Pipe Crossing	Steel	12"	
151.02			D/S	Power Line Crossing	Pole Line	12 KV	PG&E
151.15				Ladder	Steel		
151.19				Float Line			Safety
151.19				Ladder	Steel		
151.19	8151+30.99	373.18	U/S	Siphon Inlet Transition	Conc	24'	Inlet Transition - A.T. & S.F. Railroad
151.19	8151+82.99	372.39	U/S	Siphon	Conc Bbl	2 - 12' x 12'-4"	Inlet - A.T. & S.F. Railroad
151.19	8151+82.99	372.39		Chain Link Fence	Chain Link	6'	On Inlet Headwall
151.20	8151+87.44	390.00		Fuel Line (Oil)	Steel	8"	Toscopetro Corp.
151.21	8152+42.87	368.66		Railroad Crossing	2 - Tracks	100' R/W	A.T. & S.F. Railroad
151.22	8152+86.00	372.39		Telephone Crossing			A.T. & S.F. Communication Lines
151.22	8152+97.00			Oil Line	Steel	6"	(Shell Oil Company)
151.23				Guard Rail			Safety
151.23	8153+14.24	372.39		Chain Link Fence	Chain Link	6'	On Outlet Headwall
151.23	8153+14.24	372.39	D/S	Siphon	Conc Bbl	2 - 12' x 12'	Outlet - A.T. & S.F. Railroad
151.23	8153+66.24	372.66	D/S	Siphon Outlet Transition	Conc	24'	Outlet Transition - A.T. & S.F.R.R.
151.35	8160+00.00	372.62	Left	Inlet Drain	CMP / w flap vlvs	3' x 3'	
151.56				Ladder	Steel		
151.56	8170+87.00	372.56		Power Line Crossing	Tower Line	110 KV	PG&E
151.57	8171+48.00	372.55		Power Line Crossing	Tower Line	110 KV	PG&E
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

151.58	8171+85.25	372.55		Gas Crossing	Steel	2 - 16"	High Pressure Gas Line (So. Cal. Gas Co.)
151.59	8172+55.00	372.55		Siphon	Conc Bbl	3.5' x 3.5'	Irrigation (Removed 2014)
151.60			U/S	Pipe Crossing	Steel	20"	
151.60	8173+10.00	372.54		Bridge #FRES-105	Timber	16' Rdwy	H-10, Farm
151.69	8178+07.48	372.53		Gas Crossing	Steel	8"	High Pressure Gas Line - Inside 12" Casing - Under Canal (Relocated with Brimhall & Westside Pkwy. Project) (So. Cal. Gas Co.)
151.70	8178+15.12	372.53		Sewer Crossing	PVC	18"	Inside 30" Steel Casing - Under Canal (Relocated with Brimhall & Westside Pkwy. Project) (City of Bakersfield)
151.71	8178+87.09	372.53		Power Line Crossing	Pole Line	12 KV	PG&E / Telephone Open Wire Crossing
151.73	8179+78.49	373.99		Bridge - #Unknown	Conc	32' Rdwy	Brimhall Road, H-50, City of Bakersfield
151.74	8180+33.17	373.98		Bridge - #Unknown	Conc	80' Rdwy	Westside Parkway (West Lanes), H-50, City of Bakersfield
151.76	8181+21.75	373.97		Bridge - #Unknown	Conc	80' Rdwy	Westside Parkway (East Lanes), H-50, City of Bakersfield
151.78				Wave Wall	Concrete	18"	(CVC) Begin
Milepost	**Station**	**Design Invert**	**Location**	**Description**	**Type**	**Size**	**Misc. Notes**

151.78			U/S	Recorder House	Conc Block	12' x 12'	Pole (30') w/ 2 Antennas, Radio Check Alarm, Electrical Equip., SCADA Electronic Equip.
151.78				Float Line			Safety
151.79				Turnout	Concrete	2 - 48"	Cross Valley Canal Intertie Constructed 2007
151.80				Wave Wall	Concrete	18"	(CVC) End
151.80				Ladder	Steel		
151.80				Float Line			Safety
151.80	8183+67.70	374.26		Recorder House	Conc Block	8' x 4'	190 Feet D/S to Arvin-Edison Recorder House from Arvin-Edison Turnout Structure on Right Side of FKC
151.80	8183+67.70	372.47	Right	Turnout	Slide Gates	6 - 5' x 5'	Arvin - Edison W.D.
151.80				Equipment			Telephone Facilities, Littleman Auto Control, Electrical Equip., SCADA Electronic Equip.
151.81			Right	Over the Bank Pump	Steel	3 - 24"	Pipe
151.81				Equipment			SCADA & Electrical Panel
151.81	8183+94.00	372.47	Left	Over the Bank Pump	Steel	4 - 24"	Pipe
151.81	8183+94.11	376.97		Check	Radial Gates	2 - 20' x 12'	Kern River
152.13	8201+20.00	375.50		River			Kern River

Exhibit A


San Luis Reservoir/
O'Neill Forebay
Delta-Mendota Canal
San Joaquin River
Arroyo Canal
Bear Reservoir/
Bear Creek
Chowchilla WD
Eastman Lake/
Chowchilla River
Madera ID
Gravelly Ford WD
HensleyLake/
Fresno River
Madera Canal
Madera Co (Hidden Lakes Estates)
San Luis Canal (California Aqueduct)
Lat. 6
Lat. 7
Millerton Lake/
San Joaquin River
Mendota
Pool
Fresno Co Waterworks #18
Garfield WD
International WD
City of Fresno Service Area
Fresno ID
Pine Flat Reservoir/
Kings River
Tri-Valley WD
Hills Valley ID
City of Orange Cove
Orange Cove ID
Ivanhoe ID
Kaweah Delta WCD
Stone Corral ID
Friant-Kern Canal
California Aqueduct
Lake Kaweah/
Kaweah River
Tulare ID
Exeter ID
Lewis Creek WD
City of Lindsay WSA
Lower Tule River ID
Lindsay-Strathmore ID
Lindmore ID
Saucelito ID
Porterville ID
Southern San Joaquin MUD
Lake Success/
Tule River
Shafter-Wasco ID
Tea Pot Dome WD
Terra Bella ID
Delano-Earlimart ID
Kern-Tulare WD
Cross Valley Canal
Isabella Lake/
Kern River
Arvin-Edison WSD
Arvin-Edison Canal
Nevada
Sacramento
Stockton
Modesto
San Francisco
San Jose
Merced
Fresno
Bakersfield
Pacific Ocean
CVP Friant Division
0 10 20 30 Miles
U:\184030755\gis_MXDs\DC Maps\FriantDiv_noLegend_20190130.mxd
Friant
WATER AUTHORITY

BOR Exhibit #6
Draft 07-29-2020

Draft Contract No. 8-07-20-X0356-X

EXHIBIT B

LIST OF OBLIGATIONS TO CONVEY AND DISTRIBUTE WATER IN AND FROM THE PROJECT WORKS

Friant Water Authority

Water Service Contracts:

Millerton Lake

Fresno Co. Waterworks #18	14-06-200-5904D
Gravelly Ford WD	1-07-20-W0242D
Madera, County of	14-06-200-2406A-LTR1
Orange Cove, City of	14-06-200-5230-LTR1

Friant-Kern Canal

Arvin-Edison WSD	14-06-200-229AD
Delano-Earlimart ID	I75r-3327D
Exeter ID	I75r-2508D
Fresno, City of	14-06-200-8901D
Fresno ID	14-06-200-1122D
Garfield WD	14-06-200-9421D
International WD	14-06-200-585A-LTR1
Ivanhoe ID	I75r-1809D
Lewis Creek WD	14-06-200-1911D
Lindmore ID	I75r-1635D
Lindsay, City of	5-07-20-W0428-LTR1
Lindsay-Strathmore ID	I75R-1514D
Lower Tule River ID	I75r-2771D
Orange Cove ID	I75r-1672D
Orange Cove, City of	14-06-200-5230-LTR1
Porterville ID	I75r-4309D

Saucelito ID	175r-2604D
Shafter-Wasco ID	14-06-200-4032D
So. San Joaquin MUD	I1r-1460D
Stone Corral ID	I75r-2555D
Tea Pot Dome WD	14-06-200-7430D
Terra Bella ID	I75r-2446D
Tulare ID	I75r-2485D
Tulare, County of	14-06-200-8293A
Cross Valley Canal Contractors	
Arvin-Edison WSD	14-06-200-229AD
Fresno, County of	14-06-200-8292A-IR18
Hills Valley ID	14-06-200-8466A-IR18
Kern-Tulare WD	14-06-200-8601A-IR18
Kern-Tulare WD	14-06-200-8367A-IR18A
Lower Tule River ID	14-06-200-8237A-IR18
Pixley ID	14-06-200-8238A-IR18
Tri-Valley WD	14-06-200-8565A-IR18
Tulare County of	14-06-200-8293A-IR18

Warren Act Contracts:

There are no long-term Warren Act Contract obligations at this time.

Water Right Contracts:

There are no Water Right Contract obligations at this time.

Refuge Deliveries:

No current contracts for refuge water deliveries, but use of the Friant-Kern canal is being considered as part of a long-term conveyance alternative.

EXHIBIT C

SUSTAINABLE OPERATION AND MAINTENANCE

FRIANT WATER AUTHORITY

ROLES AND RESPONSIBILITIES FOR SUSTAINABLE OM&R

In order to comply with Section 2 of Executive Order 13834 "Regarding Efficient Federal Operations" as it relates to this Contract and more specifically the Transferred Works, the Authority shall:

- Achieve and maintain annual reductions in building energy use and implement energy efficiency measures that reduce costs;

- Meet statutory requirements relating to the consumption of renewable energy and electricity;

- Reduce potable and non-potable water consumption, and comply with stormwater management requirements;

- Utilize performance contracting to achieve energy, water, building modernization, and infrastructure goals;

- Ensure that new construction and major renovations conform to applicable building energy efficiency requirements and sustainable design principles; consider building efficiency when renewing or entering into leases; implement space utilization and optimization practices; and annually asses and report on building conformance to sustainability metrics;

- Implement waste prevention and recycling measures and comply with all Federal requirements with regard to solid, hazardous, and toxic water management and disposal;

- Acquire, use, and dispose of products and services, including electronics, in accordance with statutory mandates for purchasing preference, Federal Acquisition Regulation requirements, and other applicable Federal procurement policies; and

- Track and report annually energy management activities, performance improvements, cost reductions, greenhouse gas emissions, energy and water savings, and other appropriate performance measures.