



County of Fresno

DEPARTMENT OF PUBLIC WORKS AND PLANNING
STEVEN E. WHITE, DIRECTOR

February 10, 2022

Contract No. 21-07-SW

ADDENDUM NO. 1 to AADS Phase I Waste Relocation, revising the Plans as follows:

TABLE OF CONTENTS

No changes

NOTICE TO BIDDERS

DELETE:

No contract will be awarded to a contractor who has not been licensed in accordance with the provisions of the Contractors State License Law, California Business and Professions Code, Division 3, Chapter 9, as amended, or whose bid is not on the proposal form included in the contract document. A valid California Contractor's License, **Class A (General Engineering & HAZ (Hazardous Substance Removal and Remedial Action Certification))**, is required for this project.

REPLACE with:

No contract will be awarded to a contractor who has not been licensed in accordance with the provisions of the Contractors State License Law, California Business and Professions Code, Division 3, Chapter 9, as amended, or whose bid is not on the proposal form included in the contract document. A valid California Contractor's License, **Class A (General Engineering)**, is required for this project.

SPECIAL PROVISIONS

No changes

TECHNICAL SPECIFICATIONS

Section 01111 - DEFINITIONS:

DELETE:

JJJ. USCS: Unified Soil Classification System.

REPLACE with:

JJJ. USCS: Unified Soil Classification System.

KKK. Waste: All putrescible and nonputrescible solid, semi-solid, and liquid wastes, including garbage, trash, refuse, paper, rubbish, ashes, industrial wastes, demolition and construction wastes, abandoned vehicles and parts

thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semi-solid wastes and other discarded waste (whether of solid or semi-solid consistency); provided that such wastes do not contain wastes which must be managed as hazardous wastes, or wastes which contain soluble pollutants in concentrations which exceed applicable water quality objectives, or could cause degradation of waters of the state (i.e., designated waste). Waste in Phase I can be found in various forms of composition.

DELETE Section 02112

REPLACE with the attached Section 02112 Rev 1

BID BOOK

No changes

AGREEMENT

No changes

PROJECT DETAILS

No changes

PLANS

DELETE Cover Page

REPLACE with attached Cover Page

END OF ADDENDUM NO. 1

Please attach this Addendum to the inside cover of the Specifications booklet. If you have given the Bidding and Contract Documents to someone else, please forward this Addendum.



2/10/2022

Date Signed

Supervising Engineer: _____

A handwritten signature in blue ink, appearing to read "S. Artal", written over a horizontal line.

Sebastian Artal, PE 76724

FRESNO COUNTY
Department of Public Works and Planning
m/a 2220 Tulare Street, Suite 720
Fresno, CA 93721-2106



02/10/2022
Date Signed



Jacob V. Russell, PE 64512

Consultant Engineer: _____

GEO-LOGIC ASSOCIATES
4190 Douglas Blvd., Suite 250
Granite Bay, CA 95746

SECTION 02112

WASTE EXCAVATION, RELOCATION, AND PLACEMENT

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. The work shall consist of excavating, hauling, placement, and compaction of existing wastes from and to locations designated or shown on the Construction Drawings.
- B. Minimum qualifications requirements for contractors to be considered for award of this project.
- C. The work shall also consist of site clean-up, outside of the waste footprint that includes examining the limits of work, gathering all observed scattered wastes, and disposing of the waste in the designated area(s).

1.2 RELATED SECTIONS

- A. Section 01350 – Health and Safety.
- B. Section 01570 – Temporary Controls.
- C. Section 02230 - Clearing and Stripping.
- D. Section 02222 – Phase I Gas Collection and Control System Decommission.
- E. Section 02310 – Site Earthwork.

1.3 MINIMUM CONTRACTOR QUALIFICATIONS

- A. Experience and License:
 - 1. The Contractor shall hold a current California, Class A, Contractor's license.
 - 2. The Contractor shall be required to have worked in waste excavation and large earthmoving capacity on at least three (3) projects as described below within the last five (5) years. Only projects involving excavating, handling, transporting, placing, and compacting waste material volumes of at least 5,000 cubic yards (cy) per day and/or at least 200,000 cy of total waste material will be considered.

3. The Contractor shall have available and utilize in performing the work the appropriate amount of adequately-sized heavy equipment to meet the following operational requirements safely and efficiently.
 - a. Waste Excavation:
 - i. Excavate at least 10,000 cy of material per day.
 - ii. Strip cover soil associated with the minimum 10,000 cy of material excavated per day. Place soil or alternative daily cover (ADC) over uncovered waste daily to meet regulatory requirements.
 - iii. Construct ramps and perform road/facility maintenance within the Phase I footprint to facilitate the excavation of at least 10,000 cy of material per day.
 - b. Waste Transportation:
 - i. Transport at least 11,500 cy of material per day (includes a 15% material swell factor of excavated material). Haul trucks shall meet the following minimum specifications:
 1. Truck Capacity: 40 cy
 - ii. Perform appropriate road/facility maintenance along waste transportation route to facilitate transport of the minimum 11,500 cy of material per day.
 - c. Waste Fill:
 - i. Push, place, compact and trim at least 9,000 cy of material per day (includes a 10% material shrink factor of excavated material).
 - ii. Strip, place, and compact trim cover soil associated with the minimum 9,000 cy of material placed per day.
 - iii. Perform road/facility maintenance within Phase II footprint to facilitate the placement and compaction of at least 9,000 cy of material per day.
- B. The Contractor shall be required to certify, by signing and submitting together with its bid the "Equipment Certification" form included in the Bid Book, that the Contractor can readily access heavy equipment sufficient to meet all of the above minimum specifications for operational requirements, and commits to using this equipment throughout the life of the project (including readily available replacement equipment in the event of breakdowns). The Engineer can, at any time and at their discretion, suspend construction operations if the equipment utilized is not able to

perform at the specified rate for more than ten (10) working days. Construction will not resume until Contractor mobilizes the equipment necessary to meet specifications and any such suspension will be subject to Special Provisions 8-1.06 regarding Liquidated Damages.

- C. Resumes of the following two individuals who will work on the project are required to be submitted either with the Contractor's bid or no later than three (3) business days after bid opening.

- The Contractor's proposed site supervisor

The resume submitted for the Contractor's proposed site supervisor for this Project shall demonstrate that such individual has worked in that same functionally equivalent supervisory capacity on at least two prior projects, each involving excavating, handling, transporting, placing, and compacting waste material volumes of at least 5,000 cy per day and/or at least 200,000 cy of total waste material.

- The Contractor's proposed project manager

The resume submitted for the Contractor's proposed project manager for this Project shall demonstrate that such individual has worked in that same functionally equivalent supervisory capacity on at least two prior projects, each involving excavating, handling, transporting, placing, and compacting waste material volumes of at least 5,000 cy per day and/or at least 200,000 cy of total waste material.

- D. The Contractor shall submit to the Owner, either at the time of bid submittal or no later than three (3) days after bid opening, references for each of the three (3) projects on which the bidder satisfactorily excavated, handled, transported, placed, and compacted waste material volumes of at least 5,000 cy per day and/or at least 200,000 cy of total waste material. In listing these references, the Contractor shall give the name of the person or entity for whom the work was performed, the address and telephone number at which that person or entity can be contacted, and a description of the work performed. [The Contractor's failure to provide sufficiently complete and verifiable information as required under this Paragraph may be grounds for rejection of the bid.]

1.4 SUBMITTALS

- A. Contractor shall submit various plans as described in specification Section 01330.

PART 2 PRODUCTS

2.1 BURIED MUNICIPAL AND NON-HAZARDOUS SOLID WASTE

- A. Excavated waste and soils for hauling and disposal to the locations designated in the Construction Drawings and these Specifications.

2.2 DAILY COVER

- A. Alternative daily cover (ADC), shall be used in lieu of soil, and will consist of tarps, foam, or other material as approved by the County/Engineer. Soil shall not be used as ADC.

PART 3 EXECUTION

3.1 WASTE EXCAVATION

- A. Prior to waste excavation, the County's LFG Contractor will disconnect the existing Phase I gas collection and control system (GCCS) from the Site GCCS system. The Contractor shall give the County's LFG Contractor a minimum of 72-hours' notice prior to start of work. The Contractor shall remove existing GCCS wellheads, and place caps on risers per the requirements of Section 02222 of these Specifications.
- B. Begin excavation at the Stage 1 location shown on the Construction Drawings, then proceed to stages 2, 3, and 4. Waste excavation staging north of Stage 1 is at the Contractor's discretion. However, the new haul access road shall be constructed before proceeding with excavation north of Stage 1.
- C. Excavate, load, and haul excavated soil and waste to areas designated on the Construction Drawings or as directed by the CQA Consultant.
- D. Provide landfill gas monitoring during excavation activities in accordance with the IIPP.
- E. Excavate all wastes to their terminus along the eastern and northern boundaries of the Phase I excavation area shown on the Construction Drawings and as directed by the County/Engineer.
 - 1. Track walk all excavation surfaces that will receive hydroseeding with track grousers perpendicular to slope after confirmation that all wastes have been removed.
- F. Excavate all waste to the lines and grades shown for the western and southern boundaries of the excavation area as shown on the Construction Drawings.
- G. The Contractor shall keep a minimum 500 cubic yard clean soil stockpile near all active waste excavation areas for use as fire suppression throughout the project.
- H. Bulky items and long sections of cable, wire, plastics, etc. shall be broken up and/or cut to facilitate safe excavation, loading, and hauling.
- I. The Contractor and County/Engineer shall be responsible for identifying hazardous and non-conforming wastes encountered during excavation activities,

and preventing them from being transported to the Phase II waste relocation area or to the on-site disposal area.

1. Hazardous Waste

- a. If hazardous wastes, as defined in California Code of Regulations, Title 23, Section 2510, are identified during excavation activities, the Contractor shall cease all operations in the affected area, remove personnel from the affected area, and contact the CQA Consultant and the County/Engineer immediately.
- b. Any identified hazardous wastes shall only be handled by a hazardous material response contractor licensed to contain, characterize, load, transport, and dispose of the encountered hazardous wastes. The Contractor shall not attempt to perform hazardous waste handling operations unless they are appropriately licensed for such.

2. Non-Conforming Waste

- a. Non-conforming wastes in Phase I shall be removed from the excavation area by the Contractor and stockpiled/stored in the area designated by the County/Engineer.
- b. The non-conforming wastes shall be disposed of at a facility approved to receive the waste, and must be transported only by a permitted transporter as required by the waste type.

3. Decontamination of Equipment

- a. After handling hazardous wastes with a piece of equipment, the Contractor shall decontaminate the equipment prior to using the same piece of equipment for other site construction activities.
 - i. Decontamination shall be completed by brushing waste and/or soils off of equipment or by washing with an appropriate rinse. Rinse water and/or soils and wastes removed shall be collected and stockpiled with the associated wastes.
 - ii. Decontamination shall be completed in a designated area identified by the County/Engineer, or as close as practicable to the location of waste stockpiling. In no case shall decontamination occur in area where materials removed from equipment cannot be captured and collected.
- b. If different pieces of equipment are used to handle hazardous wastes and perform other portions of site work then decontamination need not occur until the completion of hazardous waste handling activities.

- c. Decontamination is not needed for equipment handling non-hazardous wastes.

3.2 WASTE RELOCATION AND PLACEMENT

- A. Coordinate with Engineer prior to waste placement in Phase II. Engineer will request LFG Contractor to raise necessary wells as needed to complete the work.
- B. Place waste excavated from Phase I in stages at the locations designated and to the grades shown on the Construction Drawings within the existing waste footprint of the landfill. Waste placement shall start in the Stage 1 area as depicted on the Construction Drawings and then proceed in a clockwise manner sequentially into stages 2 through 7. The Contractor shall not deviate from this sequence. The County's LFG Contractor has built all access crossings on Phase II top deck for this project. Contractor shall use those crossings only when creating access roads for waste placement on Phase II.
- C. Prior to waste placement, clear and strip the existing waste cover as described in Sections 02110 and 02310 of these Specifications.
- D. All waste fills shall be keyed-in (bonded) to the existing waste fill to prevent the development of a slip-plane by removing all or part of the existing interim cover by excavating horizontally into the existing waste in a minimum 1 foot vertical step or as approved by the CQA Consultant and County/Engineer.
- E. Place waste in areas and in the stages depicted on the Construction Drawings and as directed by the County/Engineer.
- F. As described in the CQA Plan, appropriate verification must be performed on a daily basis to ensure that relocated waste is placed in designated locations, meeting the required grades and elevations, and is compacted in approximately 12-inch thick lifts with a minimum of three (3) passes utilizing equipment with a minimum operating weight of 100,000 pounds (equivalent to a D9), consistent with Section 6.0 of the CQA Plan and meeting all requirements specified in this Part 3.2, and covered with alternative daily cover at the end of each working day.
- G. At the conclusion of each work day, or prior to the onset of inclement weather, place alternative daily cover according to manufacturer recommendations, and/or per industry standard-of-practice as approved by the County/Engineer.
- H. The Contractor shall keep approximately 500 cubic yard stockpile of soil near all active waste filling areas for use as fire suppression throughout the project. Any deviation from this amount is subject to Engineer's discretion
- I. Place intermediate cover soils per the Construction Drawings and Section 02310 of these Specifications.

- J. Contractor shall be aware of and avoid damage or disruption to all existing geosynthetic liner materials.

3.3 SITE CLEAN-UP OUTSIDE OF WASTE FOOTPRINT

- A. At the start of the project, the Contractor, CQA Consultant, and the County/Engineer shall walk the limits of work to perform reconnaissance and establish the location of scattered waste and recyclables that are located outside of the waste footprint, but within the limits of work.
- B. In addition, the Contractor shall perform all activities of the site clean-up in accordance with all other environmental programs defined within the Contract Documents, including the Erosion Control Plan (ECP).

END OF SECTION

PLANS FOR CONSTRUCTION

AMERICAN AVENUE DISPOSAL SITE PHASE I WASTE RELOCATION

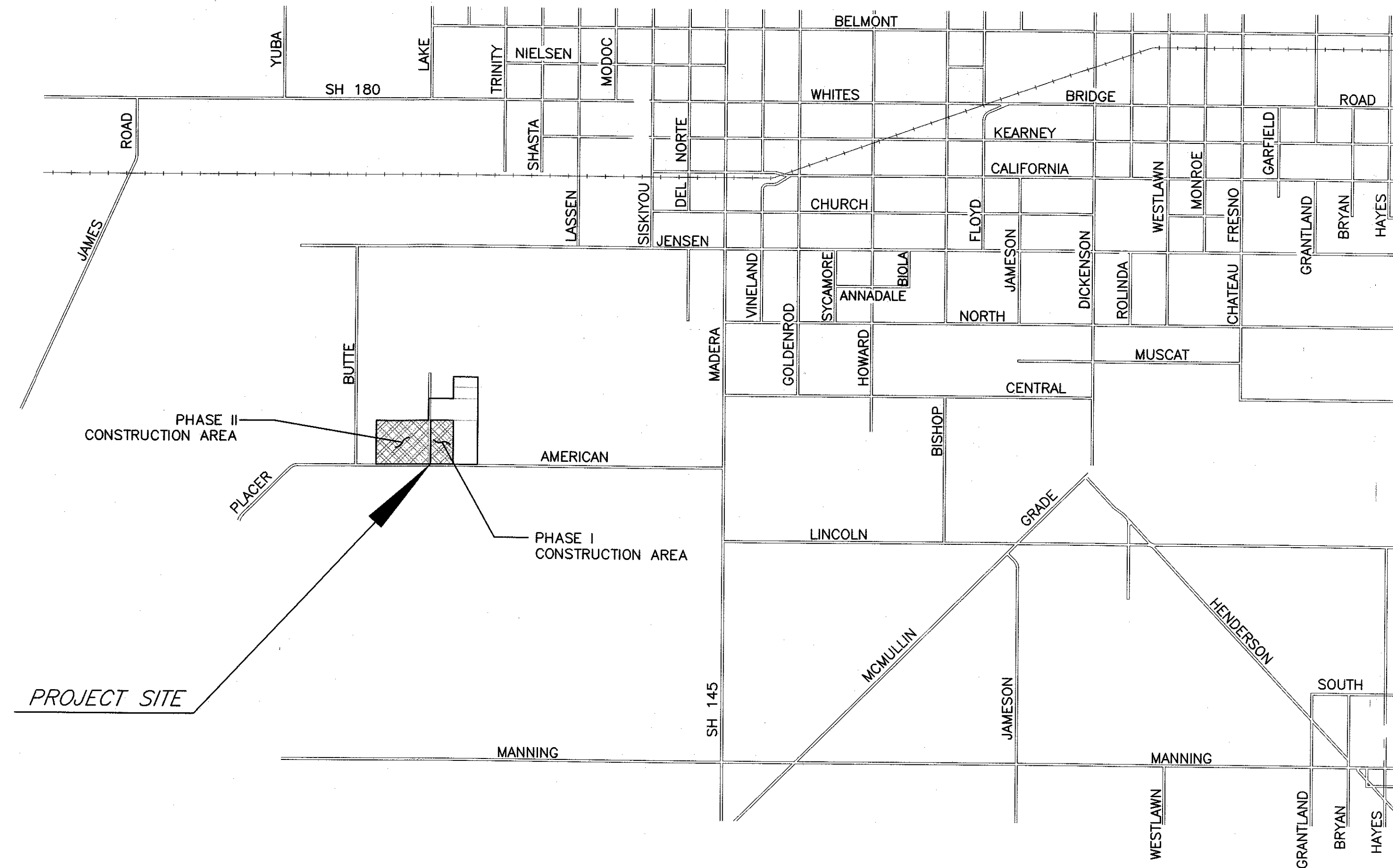
SHEET

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11-14
- 15
- 16
- 17
- 18
- 19-25
- 26
- 27
- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37

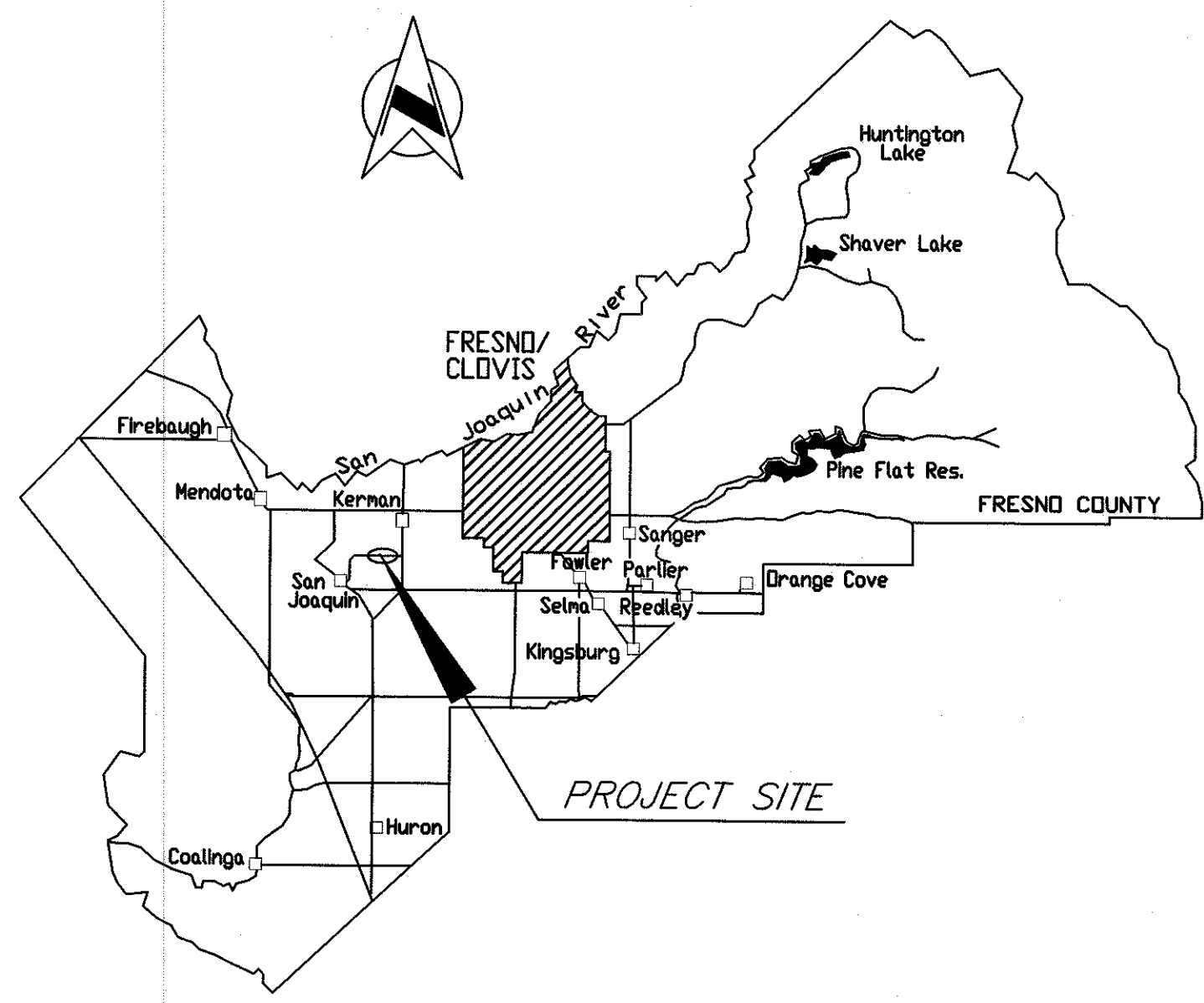
INDEX OF SHEETS

TITLE

- COVER SHEET
- GENERAL NOTES
- SITE PLAN AND SURVEY CONTROL
- DEMOLITION AND DECOMMISSIONING PLAN
- TRAFFIC ROUTING PLAN
- PHASE I EXCAVATION GRADING
- PHASE I EXCAVATION PLAN: SEQUENCING
- CUSTOMER ACCESS ROAD GRADING PLAN
- ACCESS ROAD PLAN AND PROFILE
- ACCESS ROAD PLAN AND PROFILE
- PAVING SIGNAGE AND STRIPING PLAN
- RESERVED
- PHASE II WASTE RELOCATION PLAN
- FILL SEQUENCE PLAN
- FILL SEQUENCE PLAN: STAGES
- PHASE II POINT TABLE
- RESERVED
- PHASE I EROSION CONTROL PLAN
- PHASE II EROSION CONTROL PLAN
- PHASE I CROSS SECTIONS
- DETAILS
- DETAILS
- DETAILS
- DETAILS
- DETAILS
- DETAILS
- DECOMMISSIONING DETAILS
- ACCESS ROAD DETAILS
- ACCESS ROAD DETAILS



VICINITY MAP
NTS



DEPARTMENT OF PUBLIC WORKS AND PLANNING

Brian Pacheco, Chairman 1st District
 Steve Brandau 2nd District
 Sal Quintero, Vice Chairman 3rd District
 Ernest "Buddy" Mendes 4th District
 Nathan Magsig 5th District

Jean Rousseau
 County Administrative Officer

APPROVED

Steven E. White,
 Director of Department of Public Works and Planning

California Contractor's License required for this project
 CLASS A (GENERAL ENGINEERING)

| DRAWING No | ROAD No | BRIDGE No | FISCAL YEAR | SHEET No | TOTAL SHEETS |
|------------|---------|-----------|-------------|----------|--------------|
| 11298 | N/A | N/A | 21/22 | 0 | 37 |

CONTRACT No. 21-07-SW

| RECORD DRAWING | | |
|-------------------|--------|-----|
| CONTRACT NO. | | |
| CONTRACTOR | | |
| NAME | | |
| ADDRESS | | |
| CITY | STATE | PH. |
| DATE AWARDED | | |
| DATE STARTED | | |
| DATE COMPLETED | | |
| RESIDENT ENGINEER | | |
| NAME | SIGNED | |
| NAME | SIGNED | |