



CITY *of* CLOVIS

AGENDA • CLOVIS CITY COUNCIL
Council Chamber, 1033 Fifth Street, Clovis, CA 93612 (559) 324-2060
www.cityofclovis.com

In compliance with the Americans with Disabilities Act, if you need special assistance to access the City Council Chamber to participate at this meeting, please contact the City Clerk or General Services Director at (559) 324-2060 (TTY – 711). Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to the Council Chamber.

Any writings or documents provided to a majority of the City Council regarding any item on this agenda will be made available for public inspection at City Hall, in the City Clerk's office, during normal business hours. In addition, such writings and documents may be posted on the City's website at www.cityofclovis.com.

February 20, 2018 (Tuesday)

6:00 PM

Council Chamber

The City Council welcomes participation at Council Meetings. Members of the public may address the Council on any item of interest to the public that is scheduled on the Agenda. In order for everyone to be heard, please limit your comments to 5 minutes or less, or 10 minutes per topic.

Meeting called to order by Mayor Whalen
Flag salute led by Councilmember Bessinger

ROLL CALL

PRESENTATIONS/PROCLAMATIONS

- A. Presentation by Executive Director Nicole Lender to update Council on the Marjaree Mason Center.
- B. Presentation by Clovis Area Modelers Club regarding the need for a radio controlled model park and requesting a letter of support from the Council to obtain approval from Fresno Metropolitan Flood Control District to gain access to Dry Creek Floodplain.
- C. Presentation by Pat Wynne providing an update on the Clovis Botanical Garden.
- D. Presentation by Central Valley Robotics Team #16337 First Lego League, Bud Rank Elementary regarding potential use of recycled water at the Clovis Fire Training Center.

PUBLIC COMMENTS (This is an opportunity for the members of the public to address the City Council on any matter within the City Council's jurisdiction that is not listed on the Agenda. In order for everyone to be heard, please limit your comments to 5 minutes or less, or 10 minutes per topic. Anyone wishing to be placed on the Agenda for a specific topic should contact the City Manager's office and submit correspondence at least 10 days before the desired date of appearance.)

ORDINANCES AND RESOLUTIONS (With respect to the approval of resolutions and ordinances, the reading of the title shall be deemed a motion to waive a reading of the complete resolution or ordinance and unless there is a request by a Councilmember that the resolution or ordinance be read in full, further reading of the resolution or ordinance shall be deemed waived by unanimous consent of the Council.)

CONSENT CALENDAR Consent Calendar items are considered routine in nature and voted upon as one item unless a request is made to give individual consideration to a specific item. (See Attached Consent Agenda.)

1. PUBLIC HEARINGS

- A. Consider Introduction - Ord. 18-____, An Ordinance of the City Council of the City of Clovis Adding Article 12 and Sections 2.2.1201-2.2.1205 of Chapter 2.2 – Officers and Employees to the Clovis Municipal Code Pertaining to Background Checks of applicants. (Staff: S. Halterman)
- B. Consider Approval - Res. 18-____, A Resolution approving a Proposed Mitigated Negative Declaration and adopting a Mitigation Monitoring Program for Community Investment Project, CIP15-13, Clovis Landfill Left-turn Lane on Auberry Rd. (Staff: R. Burnett)

2. ADMINISTRATIVE ITEMS

A. PLANNING AND DEVELOPMENT SERVICES

- 1. Consider Approval – Res. 18-____, A request for California Department of Transportation and the California Transportation Commission to remove access restriction at the intersection of Owens Mountain Parkway and Temperance Avenue. (Staff: M. Harrison)

3. CITY MANAGER COMMENTS

- A. Consider appointment of two council members to represent the City of Clovis in negotiations with the Fresno Irrigation District on the Water Conveyance Agreement.

4. COUNCIL ITEMS

- A. Council Comments

5. CLOSED SESSION

- A. Government Code Section 54956.8

CONFERENCE WITH REAL PROPERTY NEGOTIATORS

Property: A portion of APN: 555-031-03, south of Shaw Avenue between DeWolf and Leonard Avenues

Agency Negotiators: D. Kroll, R. Burnett

Negotiating Parties: Philip Neufeld, Trustee and Dick Ellsworth, Newmark Grubb Pearson Commercial

Under Negotiation: Price and Terms

ADJOURNMENT

Meetings and Key Issues			
Mar. 5, 2018 (Mon.)	6:00 P.M.	Regular Meeting	Council Chamber
Mar. 12, 2018 (Mon.)	6:00 P.M.	Regular Meeting	Council Chamber
Mar. 19, 2018 (Mon.)	6:00 P.M.	Regular Meeting	Council Chamber
Apr. 2, 2018 (Mon.)	6:00 P.M.	Regular Meeting	Council Chamber
Apr. 9, 2018 (Mon.)	6:00 P.M.	Regular Meeting	Council Chamber
Apr. 16, 2018 (Mon.)	6:00 P.M.	Regular Meeting	Council Chamber
May 7, 2018 (Mon.)	6:00 P.M.	Regular Meeting	Council Chamber
May 14, 2018 (Mon.)	6:00 P.M.	Regular Meeting	Council Chamber
May 21, 2018 (Mon.)	6:00 P.M.	Regular Meeting	Council Chamber

CONSENT CALENDAR - Items considered routine in nature are to be placed upon the Consent Calendar. They will all be considered and voted upon in one vote as one item unless a Councilmember requests individual consideration. A Councilmember's vote in favor of the Consent Calendar is considered and recorded as a separate affirmative vote in favor of each action listed. Motions in favor of adoption of the Consent Calendar are deemed to include a motion to waive the reading of any ordinance or resolution on the Consent Calendar. For adoption of ordinances, only those that have received a unanimous vote upon introduction are considered Consent items.

A. CITY CLERK

- 1) Approval - Minutes for the February 5, 2018 Council meeting.
- 2) Approval – Award the Request for Proposals and approve the purchase of the Microsoft Enterprise Agreement from Software House International Corp.
- 3) Adopt - **Ord. 18-05**, R2017-06, A request to approve the rezone from R-1-7500 (Single-Family Residential 7,500 minimum) to C-2 (Community Commercial) and R-2 (Low density multiple family residential). (Vote: 5-0)
- 4) Adopt - **Ord. 18-06**, An Ordinance of the City Council of the City of Clovis Amending Section 4.5.1600, of Chapter 4.5, of Title 4 of the Clovis Municipal Code pertaining to the Establishment, Reestablishment and Modification of Speed Zones and Limits. (Vote: 5-0)

B. ADMINISTRATION

- 1) No items.

C. COMMUNITY AND ECONOMIC DEVELOPMENT

- 1) No items.

D. FINANCE

- 1) No items.

E. GENERAL SERVICES

- 1) Receive and File - 2nd Quarter FY 17-18 General Services Department Report.

F. PLANNING AND DEVELOPMENT SERVICES

- 1) Approval – Final Acceptance for CIP 14-14, Shepherd & N. Temperance Traffic Signal.
- 2) Approval - Final Acceptance for CIP 15-05, Fowler Avenue Street Improvements - Ashlan Avenue to Gettysburg Avenue.
- 3) Approval – Final Acceptance for CIP 16-06, Minnewawa/Cherry Lane and Cherry Lane/Oxford Alley Improvements.
- 4) Approval – Res. 18-____, Amending the Fresno Metropolitan Flood Control District (FMFCD) Schedule of Drainage Costs and Fees for 2018-2019.
- 5) Approval – Final Acceptance for Tract 6072, located at the northwest corner of DeWolf and Richmond Avenues (Wilson Premiere Homes).
- 6) Approval – Res. 18-____, Final Map for Tract 6120, located at the northeast area of Leonard and Barstow Avenues (BN 6120 LP, Bonadelle Neighborhoods).
- 7) Approval – Res. 18-____, Annexation of Proposed Tract 6120, located at the northeast area of Leonard and Barstow Avenues, to the Landscape Maintenance District No. 1 (BN 6120 LP, Bonadelle Neighborhoods).
- 8) Approval - Bid Award for CIP 16-22, Sierra Bicentennial Park Arbor, and; Authorize the City Manager to execute the contract on behalf of the City.

G. PUBLIC SAFETY

- 1) No items.

H. PUBLIC UTILITIES

- 1) Approval - Authorize the City Manager to establish Sub Lease Rates with 5 Bars Communications.
- 2) Receive and File – Public Utilities Report for the month of November 2017.

I. REDEVELOPMENT SUCCESSOR AGENCY

- 1) No items.

CLOVIS CITY COUNCIL MEETING

February 5, 2018

6:02 P.M.

Council Chamber

Meeting called to order by Mayor Whalen
Flag Salute led by Councilmember Ashbeck

Roll Call: Present: Councilmembers Ashbeck, Bessinger, Flores, Mouanoutoua
Mayor Whalen
Absent: None

6:04 - PRESENTATION BY THE ALTA SIERRA INTERMEDIATE SCHOOL ROBOTICS TEAM

Alta Sierra Intermediate School Robotics Team presented a water saving presentation to Clovis City Council.

6:09 - PRESENTATION OF PROCLAMATION TO THE AMERICAN RED CROSS OF CENTRAL CALIFORNIA IN RECOGNITION OF THEIR VOLUNTEER EFFORTS ON JANUARY 13TH, 2018, WHERE THEY ORGANIZED TO INSTALL SMOKE DETECTORS

Councilmember Mouanoutoua presented a proclamation to the American Red Cross of Central California in recognition of their volunteer efforts on January 13th, 2018, where they organized to install smoke detectors.

6:15 - PRESENTATION OF PROCLAMATION DESIGNATING THE SECOND SATURDAY IN MARCH AS ARBOR DAY

Mayor Whalen presented a proclamation to Parks Manager Eric Aller designating the second Saturday in March as Arbor Day.

6:17 - PUBLIC COMMENTS

Michelle Jenkins, resident, commented on the need for a dog park. Gene Chandler commented on the need for a dog park. Paul Hinkle, representing the Tourist Advisory Committee, commented on an event this week along the trail. Ted Miller, resident of Caruthers, California, commented on tax issues associated with medical and recreational marijuana. He suggested establishing a citizen committee to evaluate if the city should have dispensaries, a safe place to buy medical marijuana. Steven Z., resident, commented on a dog park and medical marijuana and need for a dispensary and delivery service.

6:45 - CONSENT CALENDAR

Motion by Councilmember Ashbeck, seconded by Councilmember Mouanoutoua, that the items on the Consent Calendar be approved. Motion carried by unanimous vote.

A1) Approved - Minutes for the January 16, 2018 Council meeting.

- C1) Received and Filed – Economic Development Corporation Serving Fresno County Quarterly Report, October – December 2017.
- D1) Received and Filed – Investment Report for the month of November 2017.
- D2) Received and Filed – Treasurer's Report for the month of November 2017.
- E1) Approved - **Res. 18-26**, Approving Amendments to the City's Internal Revenue Code Section 125 Flexible Benefits Plan.
- F1) Approved – Final Acceptance for Tract 6112 located at the northeast intersection of Temperance Avenue and the Gould Canal (WC Clovis 6112, LLC – Wathen Castanos Homes).
- H1) Approved - Agricultural Lease Agreement for Cattle Grazing on APN 300-80-004.
- H2) Approved - Waive Formal Bidding Requirements and Authorize the Purchase of two CNG Street Sweepers from TYMCO, Inc.
- H3) Received and Filed – Public Utilities Report for the month of October 2017.

6:46 ITEM 1A – CONSIDERED - REVIEW OF THE 2018 FIVE-YEAR FINANCIAL FORECAST FOR THE CITY OF CLOVIS THROUGH FISCAL YEAR 2022-23 AND DISCUSS OPTIONS FOR BUDGET PREPARATION FOR 2018-2019

City Manager Luke Serpa, Finance Director Jay Schengel, and Assistant Finance Director Gina Daniels presented a report and review of the 2018 Five-Year Financial Forecast for the City of Clovis through Fiscal Year 2022-23 and discuss options for budget preparation for 2018-2019. The Five-Year Financial Forecast is a management tool that is updated and prepared each year to provide the City Council and City management with information on trends for the City's long-term financial condition. The Forecast represents a continuing effort to analyze the City's fiscal condition based upon a reasonable set of economic and operational assumptions. It is a very important management tool for identifying fiscal trends and issues which must be addressed early in order to assure continued financial success. This forecast shows a structural balance through 2022-23. This report will serve as an opportunity to review the information in context with guidance for providing for the City's core services in a sustainable manner.

The General Fund in this forecast is much more constrained than it has been during recent years. Three factors drive this change: First, the growth in General Fund revenues, especially sales tax, is projected to grow at a slower pace than recent years. Second, the Public Employees' Retirement System (PERS) costs are rising significantly due to recent changes in the actuarial assumptions and the discount rate. Third, the demand for many General Fund services grows in direct proportion with the City's growth which continues at a brisk pace.

Discussion by the Council. It was the consensus of the City Council to receive the 2018 Five-Year Financial Forecast for the City of Clovis through Fiscal Year 2022-23 and discuss options for budget preparation for 2018-2019.

7:48 ITEM 1B1 - APPROVED - RES. 18-27, A REQUEST TO APPROVE AN ENVIRONMENTAL FINDING OF A MITIGATED NEGATIVE DECLARATION FOR GENERAL PLAN AMENDMENT GPA2017-06, REZONE R2017-14 AND VESTING TENTATIVE TRACT MAP TM6202; AND ITEM 1B2 - APPROVED - GPA2017-06, A REQUEST TO AMEND THE GENERAL PLAN AND HERNDON-SHEPHERD SPECIFIC

PLAN TO RE-DESIGNATE FROM LOW DENSITY RESIDENTIAL (2.1 TO 4.0 DU/AC) CLASSIFICATION TO MEDIUM-HIGH DENSITY RESIDENTIAL (7.1 TO 15.0 DU/AC) CLASSIFICATION; AND **ITEM 1B3** - CONTINUED - INTRODUCTION - **ORD. 18-XX**, R2017-14, A REQUEST TO APPROVE A REZONE FROM THE R-1-7500 (SINGLE FAMILY RESIDENTIAL - 7,500 SQ. FT.) ZONE DISTRICT TO THE R-1-PRD (PLANNED RESIDENTIAL DEVELOPMENT) ZONE DISTRICT; AND **ITEM 1B4** - CONTINUED - **RES. 18-XX**, TM6202, A REQUEST TO APPROVE A VESTING TENTATIVE TRACT MAP FOR A 123-LOT SINGLE-FAMILY PLANNED RESIDENTIAL DEVELOPMENT.

Associate Planner George Gonzalez presented a report on items associated with approximately 9.6 acres of land located on the south side of Alluvial Avenue, between Fowler and Armstrong Avenues. The applicant is requesting to amend the General Plan Land Use Diagram and Herndon-Shepherd Specific Plan Designations for approximately 9.6 acres of property on the south side of Alluvial Avenue, between Fowler and Armstrong Avenues, from Low Density Residential (2.1 to 4.0 DU/Ac) to Medium-High Density Residential (7.1 to 15.0 DU/Ac) and rezone from the R-1-7500 (Single Family Residential – 7,500 Sq. Ft.) Zone District to the R-1-PRD (Single Family Planned Residential Development) Zone District. Additionally, the applicant is requesting a vesting tentative tract map approval for a 123-lot gated single-family planned residential development with private streets and increased lot coverage. The applicant is proposing a Homeowner's Association with this project. Approval of this Project would allow the developer to continue processing development drawings.

Dirk Poeschel, representing the applicant, spoke in support of the project. Discussion by the Council. Sarah Anderson, resident, spoke in opposition due to concerns with the proposed density, traffic, and parking. Stan Harbour, project engineer, commented on some plans to address traffic concerns raised by area residents. Andrea, spoke in opposition due to concerns with density, traffic, parking, vehicle burglaries, and negative impact on schools. Michael McDonald, Pacific Central Management Company, oversees the property management of several Wilson Elevation Projects, spoke in support of the project. Jamie Purillo, resident, commented on the negative impact on public safety and impact on water, sewer, etc. Mark, resident, spoke in opposition. Tim Spalty, area resident, spoke in opposition even with the proposed changes by the developer. Kathy, area resident, commented on the project not in keeping with the character of the area. Resident, questioned the accuracy of a comment by a representative of the developer saying there would not be many children living there and believed more would. Leo Wilson, applicant, spoke in support of the project. Diane, area resident, spoke in opposition due to safety concerns due to increased crime. Discussion by the Council.

Motion by Councilmember Ashbeck, seconded by Councilmember Flores, for the Council to approve item 1B1, an environmental finding of a Mitigated Negative Declaration for General Plan Amendment GPA2017-06, Rezone R2017-14 and Vesting Tentative Tract Map TM6202. Motion carried by unanimous vote.

Motion by Councilmember Ashbeck, seconded by Councilmember Flores, for the Council to approve item 1B2, a request to amend the General Plan and Herndon-Shepherd Specific Plan to re-designate from Low Density Residential (2.1 to 4.0 DU/AC)

classification to Medium-High Density Residential (7.1 to 15.0 DU/AC) classification. Motion carried 4-1 with Mayor Whalen voting no.

Motion by Councilmember Ashbeck, seconded by Councilmember Flores, for the Council to continue to a date uncertain item 1B3, a request a rezone from the R-1-7500 (Single Family Residential - 7,500 Sq. Ft.) Zone District to the R-1-PRD (Planned Residential Development) Zone District and item 1B4, a request to approve the vesting tentative tract map for a 123-lot single-family planned residential development. Motion carried by unanimous vote.

10:05 Recess

10:15 Reconvene

10:15 **ITEM 1C1** - APPROVED - **RES. 18-28**, APPROVING AN ENVIRONMENTAL FINDING OF A MITIGATED NEGATIVE DECLARATION GPA2017-01 AND R2017-06; AND **ITEM 1C2** - APPROVED - GPA2017-01, AMENDING THE GENERAL PLAN TO RE-DESIGNATE FROM LOW DENSITY RESIDENTIAL (2.1-4.0 DU/AC) TO COMMERCIAL AND MEDIUM-HIGH DENSITY RESIDENTIAL (7.1-15.0 DU/AC); AND **ITEM 1C3** - APPROVED INTRODUCTION - **ORD. 18-05**, R2017-06, APPROVING THE REZONE FROM R-1-7500 (SINGLE-FAMILY RESIDENTIAL 7,500 MINIMUM) TO C-2 (COMMUNITY COMMERCIAL) AND R-2 (LOW DENSITY MULTIPLE FAMILY RESIDENTIAL); AND **ITEM 1C4** - APPROVED - **RES. 18-29**, CUP2017-05, APPROVING A CONDITIONAL USE PERMIT TO ALLOW FOR A RESTAURANT WITH OUTDOOR DINING AND ASSOCIATED DRIVE-THROUGH; AND **ITEM 1C5** - APPROVED - **RES. 18-30**, CUP2017-06, APPROVING A CONDITIONAL USE PERMIT TO ALLOW FOR A CONVENIENCE MARKET WITH BEER AND WINE SALES, FUEL SALES AND A DRIVE-THROUGH CAR WASH; AND **ITEM 1C6** - APPROVED - **RES. 18-31**, CUP2017-07, APPROVING A CONDITIONAL USE PERMIT TO ALLOW FOR A RESTAURANT WITH DRIVE-THROUGH USE; AND **ITEM 1C7** - APPROVED - **RES. 18-32**, CUP2017-14, APPROVING A CONDITIONAL USE PERMIT TO ALLOW FOR PROPOSED MULTI-FAMILY STRUCTURES TO BE GREATER THAN 35 FEET IN HEIGHT

Associate Planner Lily Cha presented a report on various items associated with approximately 7.85 acres of land located at the northeast corner of Alluvial and Willow Avenues. The applicant is requesting to amend the General Plan Land Use Diagram for approximately 7.85 acres of properties located at the northeast corner of Alluvial and Willow Avenues, from Low Density Residential (2.1-4.0 DU/AC) to Commercial and Medium-High Density Residential (7.1-15.0 DU/AC), rezone from the R-1-7500 (Single Family Residential-7500 sq. ft.) Zone District to the C-2 (Community Commercial) and R-2 (Low Density Multiple Family Residential) Zone District. The purpose of this request is to accommodate a proposed horizontal mixed use development. The site is divided into two components; a commercial center inclusive of two restaurants and a fuel service station with a convenience store, drive-thru car wash, and a 60-unit multi-family apartment complex. Approval of this project would allow the developer to move forward with site plan review and development of the site. Bill Robinson, representing the applicant, spoke in support of the project. Julio Tinberra, project architect, spoke in support of the project. Discussion by the Council.

Motion by Councilmember Ashbeck, seconded by Councilmember Mouanoutoua, for the Council to approve an environmental finding of a Mitigated Negative Declaration GPA2017-01 and R2017-06. Motion carried by unanimous vote.

Motion by Councilmember Ashbeck, seconded by Councilmember Mouanoutoua, for the Council to approve GPA2017-01, a request to amend the General Plan to re-designate from Low Density Residential (2.1-4.0 du/ac) to Commercial and Medium-High Density Residential (7.1-15.0 du/ac). Motion carried by unanimous vote.

Motion by Councilmember Ashbeck, seconded by Councilmember Mouanoutoua, for the Council to approve a rezone from R-1-7500 (Single-Family Residential 7,500 minimum) to C-2 (Community Commercial) and R-2 (Low density multiple family residential). Motion carried by unanimous vote.

Motion by Councilmember Ashbeck, seconded by Councilmember Mouanoutoua, for the Council to approve CUP2017-05, a request to approve a conditional use permit to allow for a restaurant with outdoor dining and associated drive-through. Motion carried by unanimous vote.

Motion by Councilmember Ashbeck, seconded by Councilmember Mouanoutoua, for the Council to approve CUP2017-06, a request to approve a conditional use permit to allow for a convenience market with beer and wine sales, fuel sales and a drive-through car wash. Motion carried by unanimous vote.

Motion by Councilmember Ashbeck, seconded by Councilmember Mouanoutoua, for the Council to approve CUP2017-07, a request to approve a conditional use permit to allow for a restaurant with drive-through use. Motion carried by unanimous vote.

Motion by Councilmember Ashbeck, seconded by Councilmember Mouanoutoua, for the Council to approve CUP2017-14, a request to approve a conditional use permit to allow for proposed multi-family structures to be greater than 35 feet in height. Motion carried by unanimous vote.

11:02 ITEM 1D - APPROVED - RES. 18-33, A RESOLUTION CONFIRMING THE VOTES FOR FIVE AMENDMENTS TO THE LAND USE ELEMENT OF THE GENERAL PLAN AS PART OF THE FIRST GENERAL PLAN AMENDMENT CYCLE FOR 2018. PROPOSALS INCLUDE GPA2017-01, GPA2017-02, GPA2017-03, GPA2017-05, AND GPA2017-06.

City Planner Bryan Araki presented a brief report summarizing the votes for the five amendments to the Land Use Element of the General Plan as part of the First General Plan Amendment Cycle for 2018.

GPA2017-01 – Vote – Approved 5-0

GPA2017-02 – Vote – Approved 3-0-2

GPA2017-03 – Vote – Approved 3-0-2

GPA2017-05 – Vote – Approved 3-0-2

GPA2017-06 – Vote – Approved 4-1

There being no public comment, Mayor Whalen closed the public portion. Discussion by the Council. Motion by Councilmember Ashbeck, seconded by Councilmember Mouanoutoua, for the Council to a resolution confirming the votes for five amendments to the Land Use Element of the General Plan as part of the First General Plan Amendment Cycle for 2018. Proposals include GPA2017-01, GPA2017-02, GPA2017-03, GPA2017-05, and GPA2017-06.

11:03 ITEM 1E1 - APPROVED INTRODUCTION - **ORD. 18-06**, AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF CLOVIS AMENDING SECTION 4.5.1600, OF CHAPTER 4.5, OF TITLE 4 OF THE CLOVIS MUNICIPAL CODE PERTAINING TO THE ESTABLISHMENT, REESTABLISHMENT AND MODIFICATION OF SPEED ZONES AND LIMITS; AND ITEM 1E2 - APPROVED - **RES. 18-34**, A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CLOVIS APPROVING AND ADOPTING TRAFFIC AND ENGINEERING STUDIES AND ESTABLISHING AND REESTABLISHING THE OFFICIAL LIST OF DESIGNATED SPECIAL SPEED ZONES.

Associate Engineer Colleen Vidinoff presented a report on various actions pertaining to the establishment, reestablishment and modification of speed zones and limits. The California Vehicle Code ("CVC") authorizes local authorities to determine and regulate speed limits on streets under local jurisdiction, subject to certain requirements. Pursuant to CVC Sections 22357 and 22358, speed limits may be adopted in 5 mph increments ranging from 25 mph to 65 mph, and must be justified on the basis of engineering and traffic surveys. At the local level, Clovis Municipal Code Chapter 4.5, Article 16, Section 4.5.1600 provides for an Official List of Special Speed Zones.

An initial speed zone ordinance was adopted by Council on December 1, 1965. It required that all modifications to the list of speed zones be done through amendments to the ordinance. Because that process is slow to respond to public safety concerns that might arise from rapidly changing conditions, this ordinance changes that process to allow the City Council to establish, reestablish or modify the special speed zones by resolution. Engineering and traffic surveys ("E&TS") in compliance with CVC requirements were completed for each zone listed. Those E&TS will be available in the City Clerk's Office for public viewing until the Council acts on the ordinance, at which time they will be returned to the Planning and Development Services Department, where they may also be viewed by appointment. A summary of the E&TS results is attached to this report. Staff is submitting a draft resolution to (1) allow the City Council to adopt the findings of the E&TS as its own, and (2) establish the "Official List of Special Speed Zones" for the City of Clovis. The list of proposed speed zones is attached as an exhibit to the draft resolution.

There being no public comment, Mayor Whalen closed the public portion. Discussion by the Council. Motion by Councilmember Flores, seconded by Councilmember Mouanoutoua, for the Council to approve the introduction of an ordinance amending Section 4.5.1600, of Chapter 4.5, of Title 4 of the Clovis Municipal Code pertaining to the Establishment, Reestablishment and Modification of Speed Zones and Limits. Motion carried by unanimous vote.

Motion by Councilmember Ashbeck, seconded by Councilmember Flores, for the Council to approve a Resolution approving and adopting Traffic and Engineering Studies and Establishing and Reestablishing the Official List of Designated Special Speed Zones.

- 11:07 - 2A1 - ADOPTED - ORD. 18-03, R2017-08, APPROVING A REZONE FROM THE R-1-AH (SINGLE FAMILY RESIDENTIAL - 18,000 SQ. FT.) ZONE DISTRICT TO THE R-1 (SINGLE FAMILY RESIDENTIAL) ZONE DISTRICT. (VOTE: 3-0-2 WITH COUNCILMEMBER BESSINGER AND MAYOR WHALEN ABSENT)

Mayor Whalen indicated that this item was on the regular agenda because at introduction on January 16, 2018, it was approved with a less than unanimous vote with Mayor Whalen and Councilmember Bessinger absent. There being no public comment, Mayor Whalen closed the public portion. Discussion by the Council. Motion by Councilmember Ashbeck, seconded by Council member Mouanoutoua, for the Council to approve a rezone from the R-1-AH (Single Family Residential - 18,000 Sq. Ft.) Zone District to the R-1 (Single Family Residential) Zone District. Motion carried 3-0-0-2 with Mayor Whalen and Councilmember Bessinger abstaining.

- 11:08 - 2A2 - ADOPTED - ORD. 18-04, R2017-10, APPROVING A PREZONE FROM THE COUNTY AE-20 ZONE DISTRICT TO THE CLOVIS R-1-PRD (PLANNED RESIDENTIAL DEVELOPMENT) ZONE DISTRICT. (VOTE: 3-0-2 WITH COUNCILMEMBER BESSINGER AND MAYOR WHALEN ABSENT)

Mayor Whalen indicated that this item was on the regular agenda because at introduction on January 16, 2018, it was approved with a less than unanimous vote with Mayor Whalen and Councilmember Bessinger absent. There being no public comment, Mayor Whalen closed the public portion. Discussion by the Council. Motion by Councilmember Ashbeck, seconded by Council member Mouanoutoua, for the Council to approve a prezone from the County AE-20 Zone District to the Clovis R-1-PRD (Planned Residential Development) Zone District. Motion carried 3-0-0-2 with Mayor Whalen and Councilmember Bessinger abstaining.

- 11:09 **ITEM 2A3A** - APPROVED - AUTHORIZING CITY STAFF TO PROCEED WITH AN ASSESSMENT INCREASE ELECTION; AND **ITEM 2A3B** - APPROVED - AUTHORIZE THE CITY MANAGER TO ENTER INTO AN AGREEMENT WITH FRANCISCO & ASSOCIATES, INC. TO ADMINSTRATOR THE LANDSCAPE MAINTENANCE DISTRICT ASSESSMENT INCREASE ELECTION.

Public Utilities Director Scott Redelfs presented a report on various actions associated with Landscape Maintenance District No. 1 to include discussion of assessment increases and property owner survey. Clovis' Landscape Maintenance District (LMD) No. 1 is comprised of 37 Benefit Zones that consist of parks, street-side landscaping, neighborhood monuments, lighting and neighborhood roundabouts that benefit the properties within each of the zones. The properties in each zone are assessed to provide funding for landscape maintenance and the repair and replacement of monuments, lights, irrigation systems and park amenities. Annually, staff analyzes the revenues, expenses and reserves of each Landscape Benefit Zone to determine assessment rates.

Staff is proposing an election in Benefit Zone 2 only at this time. Benefit Zone 2 includes the street-side and street median landscaping south of Herndon Avenue, between Locan Avenue and Sunnyside Avenue.

Expenditures exceeded revenue in Zone 2 in FY14-15. In FY15-16 an assessment increase election was held and it failed by an equivalent of 171 single family residential votes. It then became necessary to decrease expenditures in Zone 2. Staff negotiated with the Zone 2 landscape contractor for a cost reduction. This resulted in revenues exceeding expenditures in FY16-17. However, in FY18-19, contractor cost will not be able to be maintained at the current level and expenses are projected to again exceed revenue. Therefore, an assessment rate election is needed. Francisco & Associates, Inc. is an engineering firm that specializes in the administration of LMD's. Joe Francisco has served as Clovis' LMD Engineer since 1995, and has contracted with Clovis previously on three LMD elections. Staff is recommending contracting with Francisco & Associates, Inc. for services associated with the election.

Motion by Councilmember Ashbeck, seconded by Councilmember Flores, to authorize City staff to proceed with an assessment increase election; and to authorize the City Manager to enter into an agreement with Francisco & Associates, Inc. to administrator the Landscape Maintenance District assessment increase election.

11:15 ITEM 3 - CITY MANAGER COMMENTS

City Manager Luke Serpa commented on negotiations with the Fresno Irrigation District and need to appoint a subcommittee of two council members at a future date.

11:16 ITEM 4 - COUNCIL COMMENTS

Councilmember Bessinger commented on an invitation for himself and Mayor Whalen to luncheon with the Latino Mayor's Caucus regarding Deferred Action for Childhood Arrivals (DACA). Mayor Whalen commented that they intended to attend but would bring any request back to the full council for consideration.

Councilmember Ashbeck commented that staff centered items should have followed the more public items.

Councilmember Mouanoutoua commented on attending the Magnolia Crossing grand opening. He also requested we look into investing in a document camera so that documents handed over to council could be shown on the screen.

Mayor Whalen showed a picture and presented a plaque from meeting with Fresno County District 3 Supervisor Sal Quintero he recently attended.

ADJOURNMENT

Mayor Whalen adjourned the meeting of the Council to February 12, 2018

Meeting adjourned: 11:19 p.m.

Mayor

City Clerk



AGENDA ITEM NO: **CC-A-2**
City Manager: LS

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: City Clerk Department

DATE: February 20, 2018

SUBJECT: Approval – Award the Request for Proposals and approve the purchase of the Microsoft Enterprise Agreement from Software House International Corp.

CONFLICT OF INTEREST

None

RECOMMENDATION

That the Council award the RFP and approve the purchase of the Microsoft Enterprise Agreement from Software House International Corp. for \$41,520.00 per year for three years.

EXECUTIVE SUMMARY

In order to remain in compliance with Federal and State licensing laws, the City must renew its Microsoft Client Access Licensing agreement. Microsoft offers Enterprise Agreement (EA) levels of licensing for three-year terms through specified vendors. The three year term provides for a more flexible, consistent and overall lower-cost option for Microsoft licensing.

There are six (6) vendors certified by Microsoft as Large Volume Resellers (LVR) for California State and Local Government from which the City could purchase from. Staff requested proposals from the six vendors and is recommending that the City Council approve the purchase of the Microsoft Enterprise Agreement from Software House International Corp.

BACKGROUND

As computer systems were introduced into the City, the decision was made to standardize on the Microsoft operating system and Microsoft-compliant applications. This has allowed the City to take advantage of the industry-standard applications that have been developed for the Microsoft platform.

As systems become more complex and integrated into the City's processes, managing the various support agreements and licensing requirements also becomes more complex. With the number of users and computers City-wide, the City qualifies for the volume licensing levels Microsoft offers with three-year Enterprise Agreements (EA) through specific vendors certified as Large Volume Resellers (LVR) for California State and Local Government. These agreements provide for more flexible and lower-cost solutions than purchasing licenses individually, as well as help to manage Microsoft licensing and assurance that the City will remain in compliance through a single agreement.

Staff developed and issued a Request for Proposals for Microsoft Enterprise Agreement (EA) volume licenses that would cover legal requirements for each user with the Core Client Access License (CAL) or the Microsoft 365 CAL; as well as add system management functionality which would reduce maintenance costs over the next three years. A total of three (3) proposals were received as follows:

Vendor Name	Year 1 Amount	Three-year Total (with no changes)
Software House International (SHI) Corp.	\$41,520.00	\$124,560.00
Crayon Software Experts	\$42,553.00	\$127,659.00
Saitech Inc.	\$50,605.00	\$151,815.00

Staff is recommending the City enter into the three year Microsoft Enterprise Licensing Agreement with SHI Corp for \$41,520.00 per year for three years.

FISCAL IMPACT

The cost of purchasing the Microsoft EA volume licenses is included in the I.T. Division budget for Fiscal Year 2017-2018.

REASON FOR RECOMMENDATION

The City is required by State and Federal law to properly license the software used on City desktop computers and servers. The Microsoft EA volume license is the most appropriate and cost effective program. Software House International Corp. submitted the lowest cost proposal.

ACTIONS FOLLOWING APPROVAL

The City will enter into a contract with Software House International Corp. to provide Microsoft EA licensing and coverage.

Prepared by: Jesse Velez, Information Technology Manager

Submitted by: 
John Holt, Assistant City Manager



CITY *of* CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

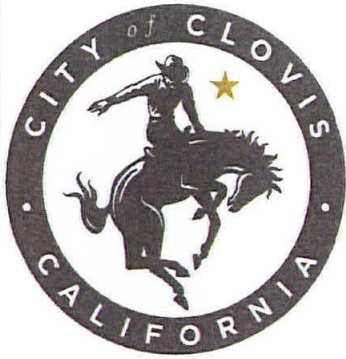
FROM: Administration

DATE: February 5, 2018

SUBJECT: Adopt - Ord. 18-05, R2017-06, A request to approve the rezone from R-1-7500 (Single-Family Residential 7,500 minimum) to C-2 (Community Commercial) and R-2 (Low density multiple family residential). (Vote: 5-0)

Adopt - Ord. 18-06, An Ordinance of the City Council of the City of Clovis Amending Section 4.5.1600, of Chapter 4.5, of Title 4 of the Clovis Municipal Code pertaining to the Establishment, Reestablishment and Modification of Speed Zones and Limits. (Vote: 5-0)

Please direct questions to the City Manager's office at 559-324-2060.



AGENDA ITEM NO: **CC-E-1**

City Manager: CS

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: General Services Department

DATE: February 20, 2018

SUBJECT: Receive and File – 2nd Quarter FY 2017-18 General Services Department Report

The General Services Department Quarterly Report contains statistical data and information related to the Personnel/Risk Management section, Department Support section, and Community Services section.

GENERAL SERVICES DEPARTMENT Personnel/Risk Management Division

Quarterly Report
October-December 2017

Departmental Performance Measures

- Employee recruitment will be conducted with the objective of recruiting, testing, and selecting the most qualified candidates for departmental hiring. As a benchmark, the Personnel/Risk Management Division will complete 95% of all recruitments within 90 days

90-Day Recruitment:

FY 2015-2016	FY 2016-2017	FY 2017-2018 (current)
95%	95%	95%

- Employee Benefit programs will be administered in a manner that will ensure quality services and cost containment. The benchmarks will measure cost savings whenever possible, to continue to contain costs in the Employee Health Plan at or below the annual medical inflation rates, and maintain quality health services without reducing benefit levels.

Savings Achieved:

FY 2015-2016	FY 2016-2017	FY 2017-2018(current)
Contained to 1.1% Increase	Contained to 10.99% Increase	Contained to 4.0% Increase

- The Risk Management Section will continue to emphasize the protection of the public, City employees, and City assets through training, risk identification, risk transfer, and insurance coverage procurement. As a benchmark, the number of annual work-related employee accidents resulting in lost workdays will be 15 or less, and safety/risk management training programs will be offered to all employees.

Injuries Involving Lost Work Days:

FY 2015-2016 Total	FY 2016-2017 Total	FY 2017-2018 To Date
9	13	9

Safety/Risk Management Training Programs:

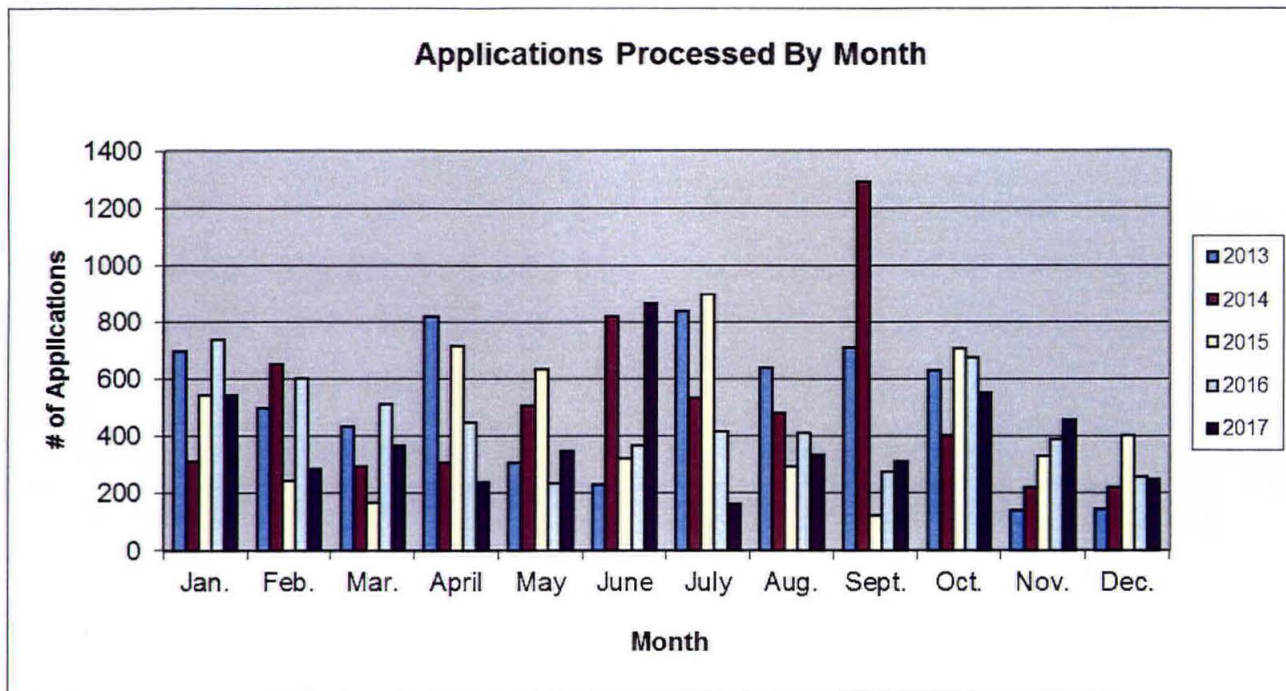
FY 2015-2016 Total	FY 2016-2017 Total	FY 2017- 2018 To Date
211	100	94

Personnel Section

Personnel received and processed **1,258** employment applications for the months of October, November, and December.

The chart below reflects the number of applications processed by month during the last five years.

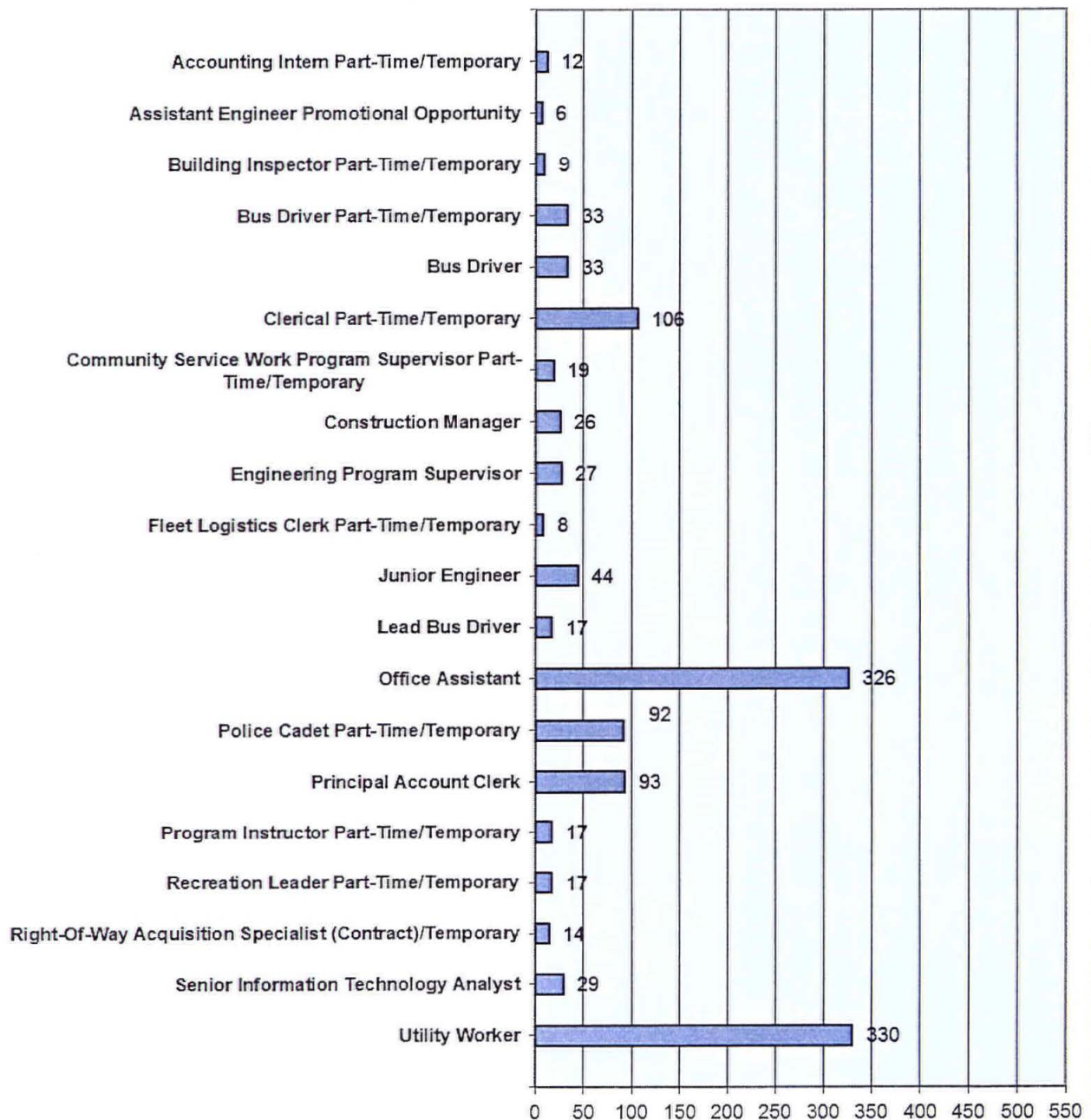
Yr.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Yearly % Increase
2013	696	498	434	822	307	231	839	640	710	629	140	144	6090	5.17%
2014	313	651	293	306	505	818	532	480	1293	404	223	223	6041	-0.80%
2015	542	246	166	716	633	321	897	294	120	705	330	401	5371	-11.7%
2016	737	604	510	450	234	365	415	412	274	673	390	258	5322	-0.9%
2017	545	285	367	239	347	866	161	333	313	554	456	248	4714	-12.12%



This chart shows the number of applications received for each of the recruitments during the months of October, November, and December.

Following staff training of our current NeoGov recruitment software in October, 2017, changes were made to how applications are processed and scored. Applications are scored electronically according to the applicant responses to supplemental job application questions. Electronic scoring reduces errors that can occur with manual application review, can immediately notify those candidates who do not meet minimum qualifications, and find the most qualified candidates in the pool. Using electronic scoring has reduced applications by those candidates who apply for any and every job, even if they don't qualify. It has also reduced by half the amount of applications that are reviewed by staff thus allowing for faster processing during the recruitment. Additional modules of the software including electronic hiring requests, management reviews of applications with name and identifying information redacted, and faster scoring following interviews are being implemented.

Applications by Recruitment

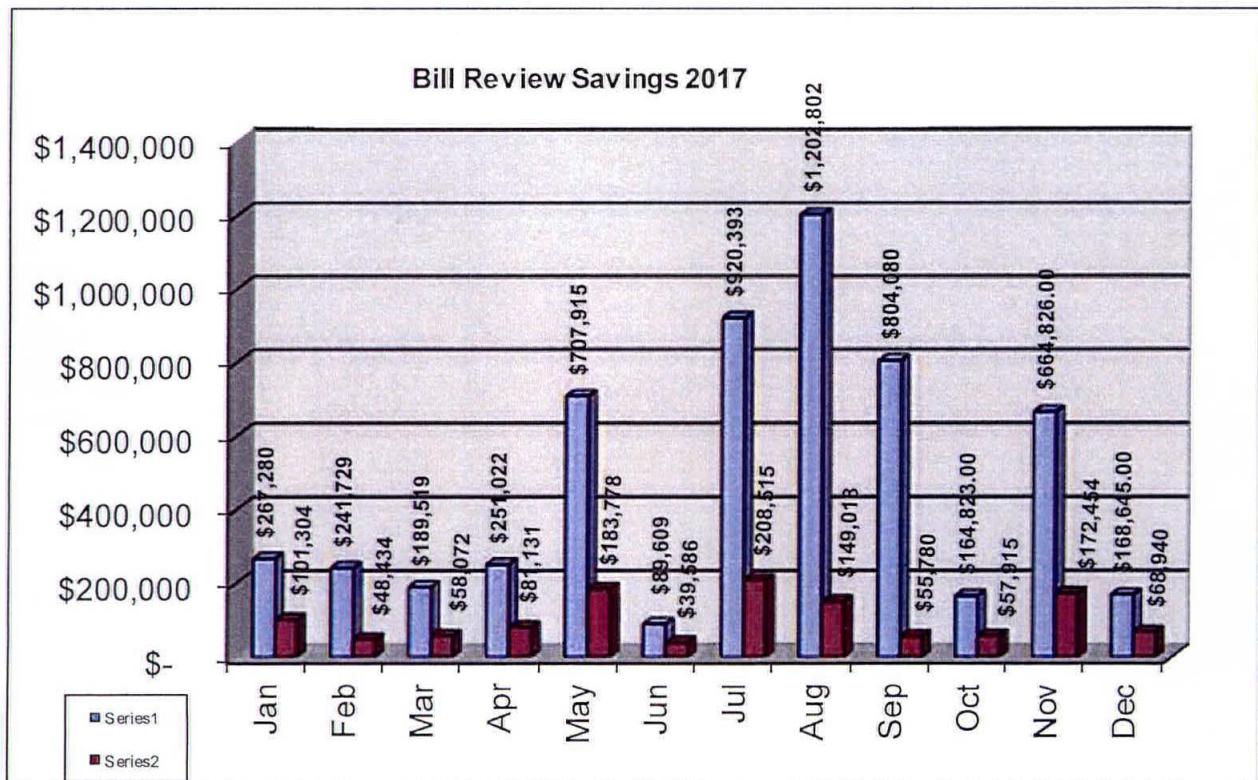


Exams were administered and eligibility lists were established for the Assistant Engineer Promotional Opportunity, Information Technology Specialist, Junior Engineer, Principal Account Clerk, Senior Information Technology Analyst, and Utility Worker classifications.

There were two (2) Personnel Commission interview panels conducted from October to December for the Office Assistant, Police Officer, Police Service Officer, and Utility Worker classifications.

Workers' Compensation

In an effort to ensure a cost effective Workers' Compensation program, the Personnel/Risk Management Division utilizes a bill review process through the City's Third Party Administrator. While the California Labor Code caps a majority of the costs associated with Workers' Compensation treatment, the City has been able to realize additional savings through the use of contract physicians. The chart below describes the savings obtained by using a bill review service.

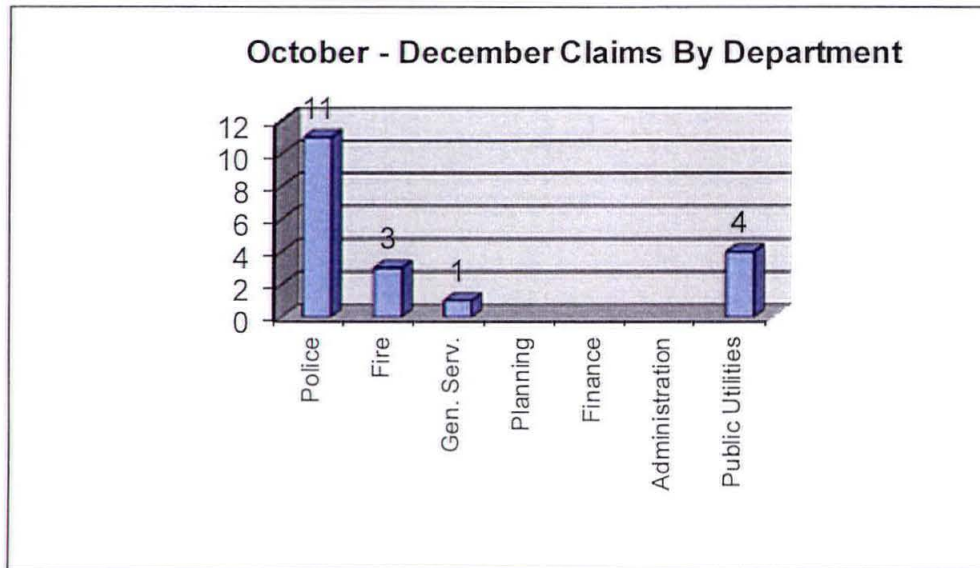


Series one represents the total medical expenses that were charged and series two represents the total amount paid for the medical charges after the bill review.

In addition to bill review savings, the Personnel/Risk Management Division utilizes nurse case managers to attend appointments with employees. Nurse case managers achieve additional savings by working with physicians to return employees back to work sooner and reduce the frequency and costs of various treatments that may not be necessary.

Workers' Compensation Claims

There were 19 work related injuries reported in the period of October through December 2017. The chart below shows the number of claims by department during this quarter.



These injuries have gone through a job analysis/assessment to determine what causes contributed to the incident and any future preventative measures that can be taken to avoid future incidents. None of the injuries suffered were serious.

Liability Claims

The City received 12 liability claims during October through December 2017.

Safety Training:

Avoiding the Flu
Backing, Parking, Intersections
Bloodborne Pathogens Training
CLIMB Video
Cold Weather Clothing - Layering is Key
Crash Prevention
DOT Training
Driver's Refresher for Trucks in the Construction Industry
Driving Safely
Emergency First Aid
Emergency Preparedness
Emergency Preparedness - EOD Training
Ergonomics
Fire Safety Tips for Fall
Forklift Training

Hand Injury Prevention
Hazard Communication Training
Holiday Safety
Housekeeping
How to Safely Check Playground Equipment
Intersection Safety
Ladder Safety
Lockout/Tagout
Nighttime Driving Tips
Overhead Technology Inc. Fall Protection
Power Tool Safety
Practical Guide to Workplace Stretching
Prohibition of Harassment
Protection and Preparedness Against an Active Shooter
Respirator Protection Program
Review Lift Racks and Concerns
Seeking Shelter in Containers
Shop Vehicle Lift Capacity Review/Know Your Lift
Vehicle Maintenance Safety - Agriculture
Walk Like a Penguin on Icy or Wet Surfaces Handout
Winter Driving
Working in Cold Conditions
Your Shop, Your Safety



Computer Loans

During the months of October, November and December, eight (8) computer loans were issued by Personnel/Risk Management staff.

GENERAL SERVICES DEPARTMENT
Department Support Division
Quarterly Report
October - December 2017

Facilities Maintenance Section

Scope of Duties

- This Section performs routine monthly maintenance as required. Routine monthly maintenance is defined as those tasks performed on a schedule once a month or more frequently. These tasks include interior lighting replacement, light fixture repairs, emergency stand-by generator monitoring (required by the San Joaquin Valley Air Pollution Control District), and HVAC filters in the areas not covered by a contract.
- This Section maintains all facility systems, including HVAC, lighting, security, solar systems, electrical, plumbing, and daytime janitorial services. The section also performs new construction projects involving office remodels and complex HVAC upgrades.
- Facilities Maintenance staff also responds to daily service requests not classified as routine in nature.

Departmental Performance Goal

- The goal of the Section is to respond to each service request within 24-hours of notification. This Section is meeting that goal.

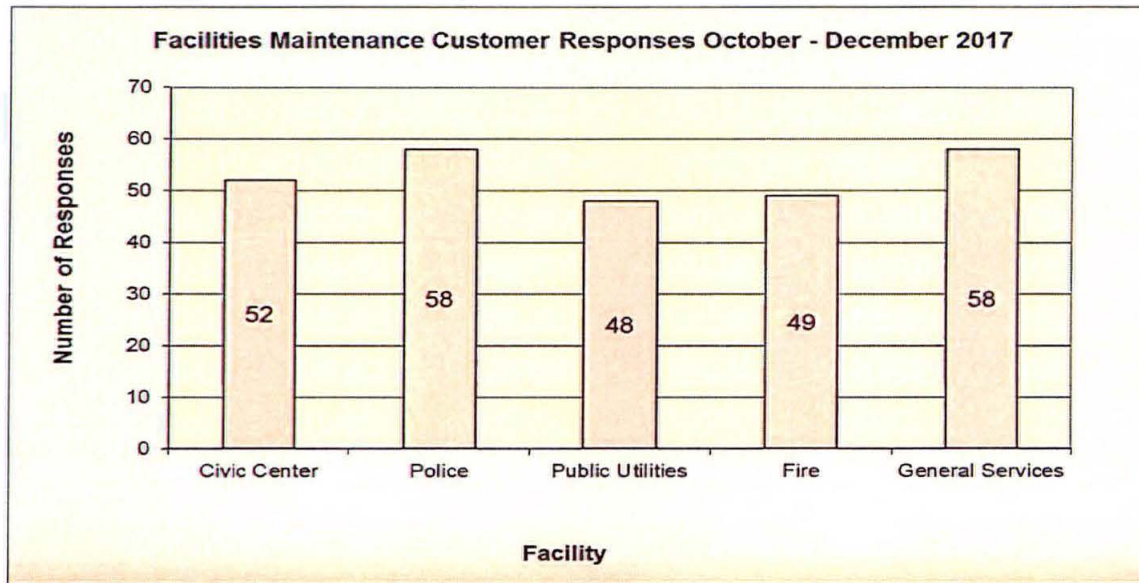
Quarterly CRM Service Request Activity

The Facilities Maintenance Section received 233 internal "*Citizen Relationship Manager*" (CRM) service requests this quarter, with Facilities Maintenance staff responding to and completing 246 CRM's. Following is a historical chart showing typical CRM activity for the last three (3) years during the 2nd Quarter and totals for the respective fiscal years.

CRM Requests:	<u>2nd Qtr. FY15-16</u>	<u>2nd Qtr. FY16-17</u>	<u>2nd Qtr. FY17-18</u>
	144	161	233
Totals: Year to Date	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18 (to date)</u>
	567	747	482

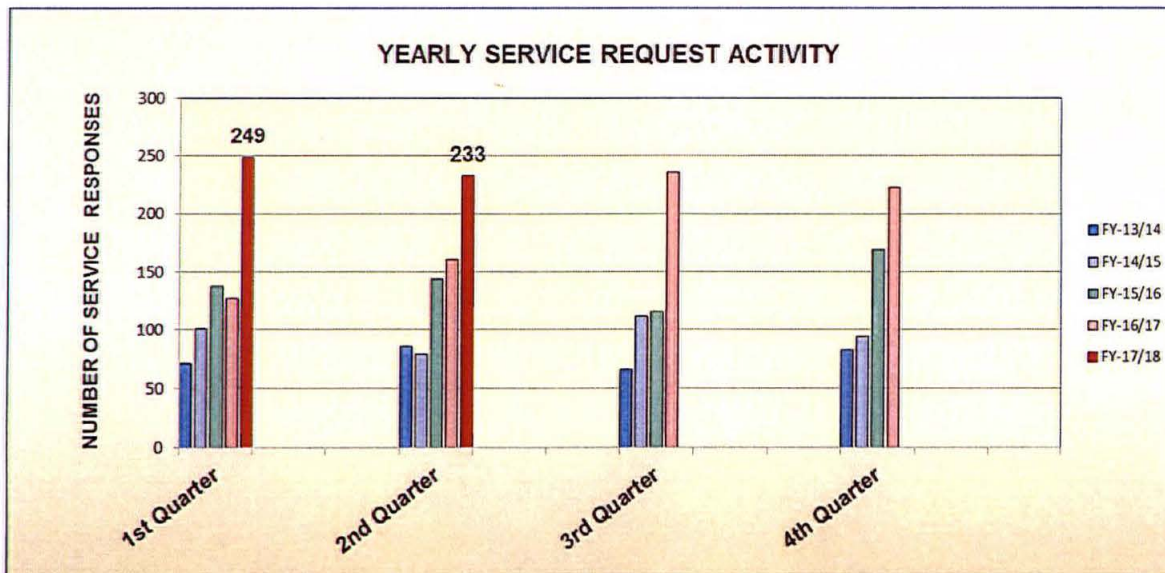
Quarterly Service Responses

The quarterly service responses are the total number of on-site responses that occurred during the course of the 2nd Fiscal Quarter. These responses include non-routine service requests and new construction projects. This chart reflects the number of service responses by city department / facility during October - December 2017.



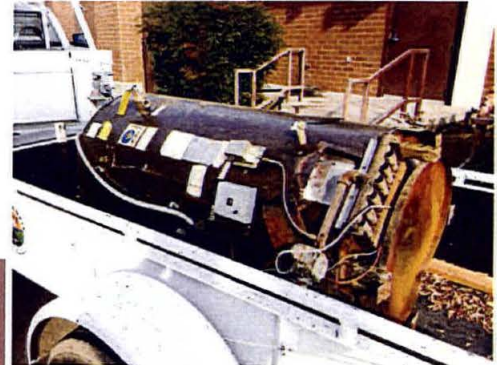
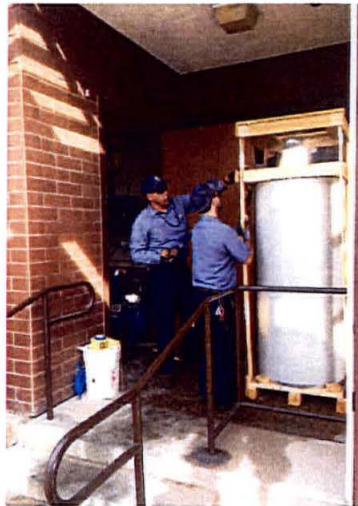
Yearly Service Request Activity

The charts below reflect the number of non-routine service requests processed by quarter for the last five (5) fiscal years.



Facility Maintenance Project Highlights for October-December 2017:

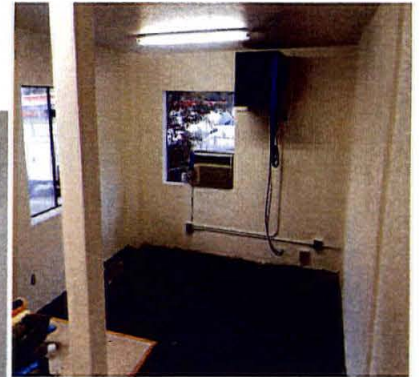
- Facilities Maintenance Staff replaced a 35-year old 100 gallon water heater at the Senior Center



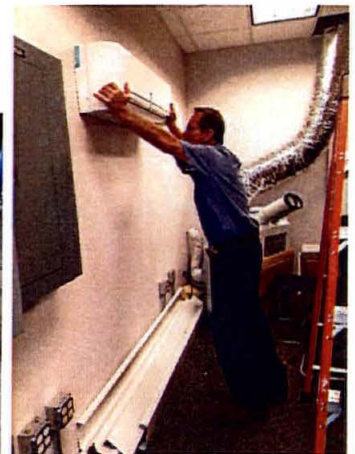
- Facilities Maintenance Staff worked with the Planning Department in assisting the Eagle Scouts with a project to place a park bench adjacent to the Veteran's Memorial at Miss Winkles Pet Adoption Center.



- Facilities Maintenance Staff renovated the office at the Animal Control's Rusty's Place with new flooring, window coverings and paint.



- Facilities Maintenance Staff installed new air-conditioning units at the Corporation Yard's server room.



- Facilities Maintenance Staff installed Sharp's needle collection units at Fire Station #2 and Fire Station #5



Other Facilities Maintenance Activities:

- Staff met on-site with a mechanical engineer to begin the process of collecting data and generating construction drawings for the change out of water boilers at the Corporation Yard's Fleet building.
- Staff is generating construction documents for the modular office to be relocated adjacent to the Animal Control building at Villa Yard.
- Staff assisted our energy vendor with access and tours of city facilities for the purposes of a citywide LED lighting feasibility study.

Purchasing Section

The Purchasing Section is responsible for the purchasing and acquisition of goods and services utilized for department support functions.

Purchasing Section's Monthly Highlights for 2nd Quarter FY17/18:

- Staff met with an office equipment vendor to obtain lease pricing on a postage machine to replace City Hall's current machine
- Staff met with a copier vendor to obtain pricing and initiate a lease for a single copier whose lease was nearing expiration.
- Staff began generating RFP documents that will be distributed during March, 2018 to replace (12) leased copiers whose leases expire in June, 2018.
- Staff attended the Central Valley Purchasing Group's quarterly meeting in Tulare, CA for a training on contract management and to network with other Central Valley public agencies.
- Staff drafted and initiated a service agreement between the City and a carpet contractor to install floor covering at Fire Station #3.
- Staff generated a staff report for City Council approval to install LED lighting at various city facilities and drafted appropriate contract documents for City Attorney and vendor review.
- Staff met with a furniture vendor to obtain pricing and purchase chairs, cabinets and ergonomic upgrades for various city staff.

GENERAL SERVICES DEPARTMENT
Community Services Division
Quarterly Report
October-December 2017

The following programs, services and activities are highlights of the activities occurring within the Community Services Division during the second quarter of FY17-18.

Senior Services Section

Tracking of senior program participants occurs as seniors sign-in for services and activities. New senior participants are tracked when they complete a confidential form.

During this quarter, a new participant tracking software program was implemented. This required a reset of the participant database which reduced the number of newsletters sent. As participants complete registration for the program, these metrics will return to previous levels, likely by the end of the third quarter.

<u>Program Participants</u>	<u>FY17</u>	<u>FY18</u>	<u>YTD FY17</u>	<u>YTD FY18</u>
Information and Assistance	34,679	35,462	64,021	73,751
Outreach	315	303	630	696
Newsletters	12,132	8,254	24,001	20,946
Community Services	18,628	17,984	37,622	36,453
Health Services	1,806	1,607	3,593	2,923
Senior Nutrition				
<i>In Center (includes special meals)</i>	2,687	2,901	5,695	6,333
<i>Frozen Meals for Homebound</i>	6,790	4,914	13,090	9,674
Consumer Services	994	2,299	2,775	4,002
Volunteers	179	174	332	355
Volunteer Hours	2,884	2,712	5,494	5,724

<u>Revenue Generated</u>	<u>FY17</u>	<u>FY18</u>	<u>YTD FY17</u>	<u>YTD FY18</u>
Rental	\$10,462	\$9,220	\$22,462	\$18,692
Older American Act Funding	\$4,675	\$5,779	\$6,008	\$7,112
Memorial District	\$0	\$0	\$0	\$0
Sales: Taxable & Non-Taxable & Misc.	\$675	\$1,425	\$3,378	\$1,425
Special Events	\$3,916	\$3,457	\$4,351	\$3,857
Class User Fees	\$16,416	\$19,455	\$38,309	\$41,901
Project Income	\$4,315	\$4,976	\$6,533	\$9,679
In House Nutrition Program	\$3,415	\$3,231	\$7,195	\$6,731
Homebound Nutrition Program	\$150	\$110	\$200	\$310
Donations	\$1,477	\$640	\$1,727	\$1,597
Total	<u>\$45,501</u>	<u>\$48,293</u>	<u>\$90,163</u>	<u>\$91,304</u>

- The Fall Rummage Sale was held October 5, 2017. A new layout and additional vendors made this event a tremendous success. The center raised over \$2,500 in revenue from the sale.
- The annual Clovis Senior Activity Center Classic Car Show was held on October 20, 2017. Over 50 classic cars were entered for judging. In addition to the cars, a live band provided music and a bar-be-que lunch was available for purchase along with homemade desserts.
- Our Halloween Party has become the place to be on October 31st. This year, over 25 participants dressed up, danced, and enjoyed hot and cold appetizers. Live music was provided. Costumes were judged and prizes awarded in a variety of categories.



- The annual Thanksgiving meal at the Clovis Senior Activity Center was bigger than ever. Additional tables in an adjoining room were set up to accommodate the more than 350 people who arrived to enjoy the food, music, and conversation. Lenny from Pappy's Fine Foods cooked 35 turkeys and all the side dishes. Clovis Salvation Army served the food and volunteers delivered meals to homebound seniors in the community.
- The annual Clovis Kiwanis Christmas lunch was held on December 16, 2017 at the Clovis Veteran's Memorial District hall. Over 425 seniors enjoyed a hot turkey lunch with all the trimmings. Clovis Boy Scout Troop 60 served the food and did the clean up after the event. A live band provided country music for entertainment. Meals were delivered by volunteers to homebound seniors along with a Christmas gift.

Clovis Transit Quarterly Report FY17/18 2nd Quarter

Revenue generated FY17/18 2nd Quarter

Stageline:

Funding Source	FY17	FY18	YTD FY17	YTD FY18
Fares	\$24,688	\$18,182	\$37,546	\$26,757
Bus Passes/Metro Pass	\$15,335	\$12,023	\$20,306	\$20,150
Sub Total	\$40,023	\$30,205	\$57,852	\$46,907
Trolley Rentals/Advertising	\$8,134	\$0	\$17,294	\$24,923
Measure C	\$0	\$0	\$0	\$0
LTF-Article 4	\$0	\$0	\$0	\$0
STA	\$0	\$0	\$0	\$0
Proposition 1B Grant	\$0	\$0	\$0	\$0
TOTAL	\$48,157	\$30,205	\$75,146	\$71,830

Roundup:

Funding Source	FY17	FY18	YTD FY17	YTD FY18
Fares	\$14,449	\$12,149	\$21,890	\$22,893
Bus Passes	\$12,634	\$14,433	\$25,039	\$26,456
Sub Total	\$27,083	\$26,582	\$46,929	\$49,349
Trolley Rentals/Advertising	\$0	\$0	\$0	\$0
Measure C	\$0	\$0	\$0	\$0
LTF-Article 4/4.5	\$0	\$0	\$0	\$0
STA	\$0	\$0	\$0	\$0
Proposition 1B Grant	\$0	\$0	\$0	\$0
TOTAL	\$27,083	\$26,582	\$46,929	\$49,349

RIDERSHIP

Stageline

FY 16/17							FY 17/18					
Month	10	50	70	80	W-Mart Shuttle	Total	10	50	70	80	W-Mart Shuttle	Total
July	5,338	2,679	0	0	44	8,061	4,805	2,831	0	0	31	7,667
Aug	6,764	3,749	155	89	54	10,811	6,225	3,709	127	134	67	10,262
Sept	7,810	4,690	519	240	48	13,307	7,217	4,249	490	245	45	12,246
Oct	7,628	4,532	606	241	48	13,055	8,484	4,315	399	537	28	13,763
Nov	6,979	4,082	505	212	18	11,796	6,634	3,284	298	293	44	10,553
Dec	6,250	3,646	411	176	24	10,507	6,173	3,923	331	266	25	10,718
TOTAL	40,769	23,378	2,196	958	236	67,537	39,538	22,311	1,645	1,475	240	65,209

Roundup

FY 16/17				FY 17/18		
Month	Fresno	Clovis	Total	Fresno	Clovis	Total
July	1,754	2,900	4,654	1,648	2,522	4,170
August	2,219	3,101	5,320	2,262	3,002	5,264
Sept	1,954	3,041	4,995	1,888	2,628	4,516
Oct	1,876	2,665	4,541	2,113	2,530	4,643
Nov	1,833	2,671	4,504	1,794	2,360	4,154
Dec	1,784	2,662	4,446	1,555	2,605	4,160
TOTAL	11,420	17,040	28,460	11,260	15,647	26,907

Round Up Passenger No-Shows

FY 17/18				
Month	No-Shows	% of Total Trips	Warnings	Suspensions
July	78	1.87%	0	3
August	77	1.46%	1	0
Sept	67	1.48%	2	0
Oct	61	1.31%	1	1
Nov	44	1.06%	0	0
Dec	70	1.67%	1	0
TOTAL	397	Avg. 1.59%	4	4

Complaint Calls/Tracking

FY 17/18								
Month	Rude Driver	Missed Passenger	Unsafe Driving	Late Bus	Device Use	Full Bus	Other	Total
July	0	0	0	0	0	0	1	1
August	0	0	0	0	0	0	1	1
Sept	2	1	2	0	0	0	2	7
Oct	0	0	0	0	0	0	1	1
Nov	1	1	0	0	0	0	1	3
Dec	1	3	0	0	0	0	1	5
TOTAL	4	5	2	0	0	0	7	18

Stageline On-Time Performance

FY 17/18	
Month	% On Time
July	96.7%
August	97.0%
September	97.4%
October	98.2%
November	98.0%
December	97.4%

Fleet Information

FY 17/18		
Month	Collisions	Road Calls
July	1	0
August	1	1
Sept	2	0
Oct	0	0
Nov	0	0
Dec	0	0
TOTAL	4	1

Recreation Section

Quarter 2

Revenue Generated This Quarter:	FY 17	FY 18	YTD 17	YTD 18
User Fees	\$25,899	\$44,540	\$55,596	\$87,938
Project Income	\$0	\$21	\$340	\$327
Batting Cage	\$274	\$1,040	\$10,003	\$9,130
Donations	\$0	\$0	\$0	\$0
Totals	\$26,173	\$45,601	\$65,939	\$97,395

Food Services

Candy Machines	\$14	\$21	\$76	\$73
Batting Cage Snack Bar	\$5	\$26	\$322	\$280
Totals	\$19	\$47	\$398	\$353

Adult programs

- The Clovis of Clovis Recreation indoor coed soccer, basketball, Floorball and hockey league finished up the fall league the second week of December. The winter adult programs are scheduled to start the second week of January. 32 teams participated in these sports and generated \$5,992 in revenue through the second quarter.
- The 2017 fall adult softball season ended with the end of the season Coed and Men's league tournaments. The softball leagues brought in a total of \$1,897 in the second quarter.

Youth Programs

- During the second quarter, the Recreation Section continued to increase participation in our youth programs. The recreation section offered four (4) new youth programs during the second quarter, which brought in \$2,841 in revenue.

Clovis Batting Range

- The Clovis Batting Range closed down for the winter on October 15, 2017. It had 507 participants for the second quarter which brought in \$1,040 in revenue.
- The Clovis Batting Range is scheduled to reopen on January 15, 2018.

Skatepark

- The current Skatepark hours are Monday – Sunday 10:00 AM – 9:00 PM. The Skatepark had 24,182 participants for this quarter.

Special Events

- On December 4, 2017, Clovis Area Recreation held its annual Christmas Tree Lighting. The evening was filled with Christmas music provided by the Clovis High School and the Clark Intermediate school choirs. Santa rode to the event in a City of Clovis Transit trolley with a police escort. Mayor Whalen, with assistance from Santa, lit the City of Clovis Christmas Tree. Following the tree lighting, Santa went in the City Hall Foyer to take pictures with the participants. Hot chocolate and cookies were served to the excited crowd by Clovis Senior Activity Center volunteers. This year's event had 450 people in attendance.

Program Participation Qtr 2/17 Qtr 2/18 YTD FY17 YTD FY18

Program Participation 36,696 34,189 78,070 78,871

These numbers are not taking into consideration participants that use the Recreation Center on a walk in basis or spectators. Some duplication may be included.

Class User Fee Quarter 2 Participation and Revenue Numbers						
Program	Sessions	Participants for Quarter	Daily Average	Volunteers	Total	Revenue
Arts and Crafts	2	6	3	0	6	\$34
Basketball Adult Men's Comp	10	465	138	0	465	\$1,915
Basketball Adult Men's Rec	10	1000	300	0	1000	\$1,940
Basketball Little Dribblers	0	0	0	0	0	\$1,799
Basketball Teen League	0	0	0	0	0	\$992
Basketball Youth League	0	0	0	0	0	\$19,035
Basketball Youth Skills and Drills	4	43	11	0	43	\$0
Batting Cages	1	507	507	0	507	\$1,040
Christmas Tree Lighting	2	950	950	17	967	\$0
Daily Drop In	32	593	37	0	593	\$0
Drop-In	50	608	43	0	608	\$1,268
Drop-In Reservation	36	1752	170	0	1752	\$6,919
Floorball	4	300	150	0	300	\$1,650
Rugby Youth Camp	4	48	24	4	52	\$545
Skate Park	174	24182	417	0	24182	\$0
Slow Pitch Softball Coed	20	2310	231	0	2310	\$1,897
Slow Pitch Softball Men's	8	600	150	0	600	\$0
Soccer Adult Coed	9	560	187	0	560	\$2,067
Soccer Little Kickers	0	0	0	0	0	\$826
Soccer Youth League	0	0	0	0	0	\$996
Soccer Youth Skills and Drills	1	7	7	0	7	\$0
Start Smart Basketball	0	0	0	0	0	\$310
Start Smart Football	3	18	6	0	18	\$0
Start Smart Soccer	9	138	46	0	138	\$515
Tiny Tumblers	10	80	22	0	80	\$305
Tiny Tumblers II	0	0	0	0	0	\$19
Middle School Basketball Camp	1	10	10	0	10	\$0
Santa Lil Helpers	4	12	6	0	12	\$116
Basketball developmently Disabled	0	0	0	0	0	\$1,393
Total	394	34189		21	34210	\$45,581.00



AGENDA ITEM NO: **CC-F-1**
City Manager: AA

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Planning and Development Services

DATE: February 20, 2018

SUBJECT: Approval – Final Acceptance for CIP 14-14, Shepherd & N. Temperance Traffic Signal.

ATTACHMENTS: (A) Vicinity map

CONFLICT OF INTEREST

None

RECOMMENDATION

For the City Council to accept the work performed as complete and authorize recording of the notice of completion.

EXECUTIVE SUMMARY

The project consisted of earthwork, grading, asphalt concrete, pavement grinding, installation of Class 2 aggregate base, asphalt concrete paving, median island stamped concrete, concrete sidewalk, ADA curb return, traffic signal facilities, traffic loops, accessible pedestrian system, countdown pedestrian signal modules, PG&E Rule 16, and traffic signage at the intersection of Shepherd and N. Temperance Avenues.

BACKGROUND

The bid opening was on November 29, 2016, and the project was awarded by City Council on December 12, 2016. Asphalt Design by Juan Gomez was the low bidder and was awarded the project. The project was completed in accordance with the construction documents.

The work installed a traffic signal and associated appurtenances at the intersection of Shepherd and N. Temperance Avenues. The subject project is intended to regulate access into the intersection to minimize traffic conflicts.

FISCAL IMPACT

1.	Award	\$517,317.26
2.	Cost decrease resulting from differences between estimated quantities used for award and actual quantities installed.	(\$973.90)
3.	Contract Change Orders	\$7,524.68
	Final Contract Cost	\$523,868.04

The project was approved in the Community Investment Program 2016-2017 fiscal year budget and is funded by a Congestion Mitigation and Air Quality (CMAQ) grant, and by Measure C.


REASON FOR RECOMMENDATION

The Public Utilities Department, the City Engineer, the engineering inspector, and the project engineer agree that the work performed by the contractor is in accordance with the project plans and specifications, and has been deemed acceptable. The contractor, Asphalt Design by Juan Gomez, has requested final acceptance.

ACTIONS FOLLOWING APPROVAL

1. The notice of completion will be recorded; and
2. All remaining retention funds will be released pursuant to Federal requirements and the Prompt Payment of Funds Withheld to Subcontractors clause of the Local Assistance Procedures Manual.

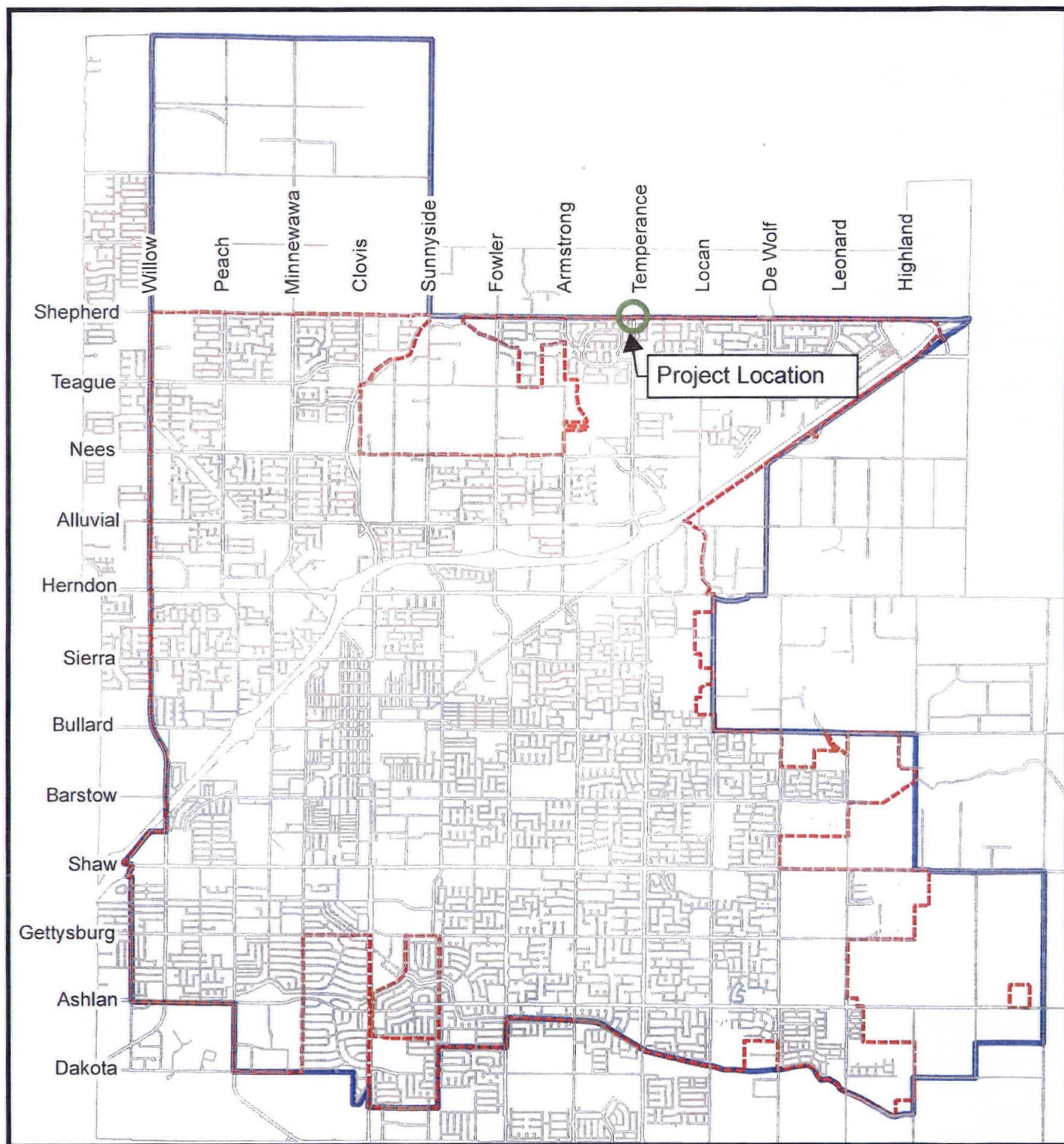
Prepared by: John Cross, Assistant Engineer

Submitted by: 
Michael Harrison
City Engineer

Recommended by: 
Dwight Kroll, AICP
Director of Planning and
Development Services

VICINITY MAP

CIP 14-14 Shepherd & N. Temperance Traffic Signal



ATTACHMENT A



February 20, 2018

 CITY LIMITS  SPHERE OF INFLUENCE

Prepared By: John Cross



AGENDA ITEM NO: **CC-F-2**

City Manager:

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Planning and Development Services Department

DATE: February 20, 2018

SUBJECT: Approval - Final Acceptance for CIP 15-05, Fowler Avenue Street Improvements - Ashlan Avenue to Gettysburg Avenue.

ATTACHMENT: (A) Vicinity Map

CONFLICT OF INTEREST

None

RECOMMENDATION

For the City Council to accept the work performed as complete and authorize recording of the notice of completion.

EXECUTIVE SUMMARY

This project consisted of street improvements on Fowler Avenue from Ashlan Avenue to Gettysburg Avenue. New construction addressed pavement deficiencies as well as existing curb return ramps that were not in compliance of ADA standards. This project was solely funded by Measure C.

BACKGROUND

The bid opening was on April 18, 2017, and the project was awarded by City Council on May 1, 2017. AS DeSIGN, Inc. was the low bidder and was awarded the project. The project was completed in accordance with the construction documents.

FISCAL IMPACT

1.	Award	\$ 505,359.55
2.	Cost Increase resulting from differences between estimated quantities used for award and actual quantities installed.	\$ 23,503.61
3.	Contract Change Orders	\$ 3,015.14
4.	Liquidated Damages Assessed	\$ 0.00

Final Contract Cost

\$ 531,878.30

This project was approved in the Community Investment Program 2017-2018 fiscal year budget and is fully funded by Measure C.

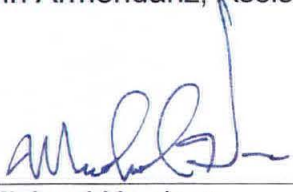
REASON FOR RECOMMENDATION

The Public Utilities Department, the City Engineer, the engineering inspector, and the project engineer agree that the work performed by the contractor is in accordance with the project plans and specifications, and has been deemed acceptable. The contractor, AS Dezin, Inc., has requested final acceptance from City Council.

ACTIONS FOLLOWING APPROVAL

1. The notice of completion will be recorded; and
2. All remaining retention funds will be released no later than 35 calendar days following recordation of the notice of completion, provided no liens have been filed. Retention funds may be released within 60 days after the date of completion, provided no liens have been filed, with "completion" defined as the earlier of either (a) beneficial use and occupancy and cessation of labor, or (b) acceptance by the City Council per Public Contract Code Section 7107(c)(2).

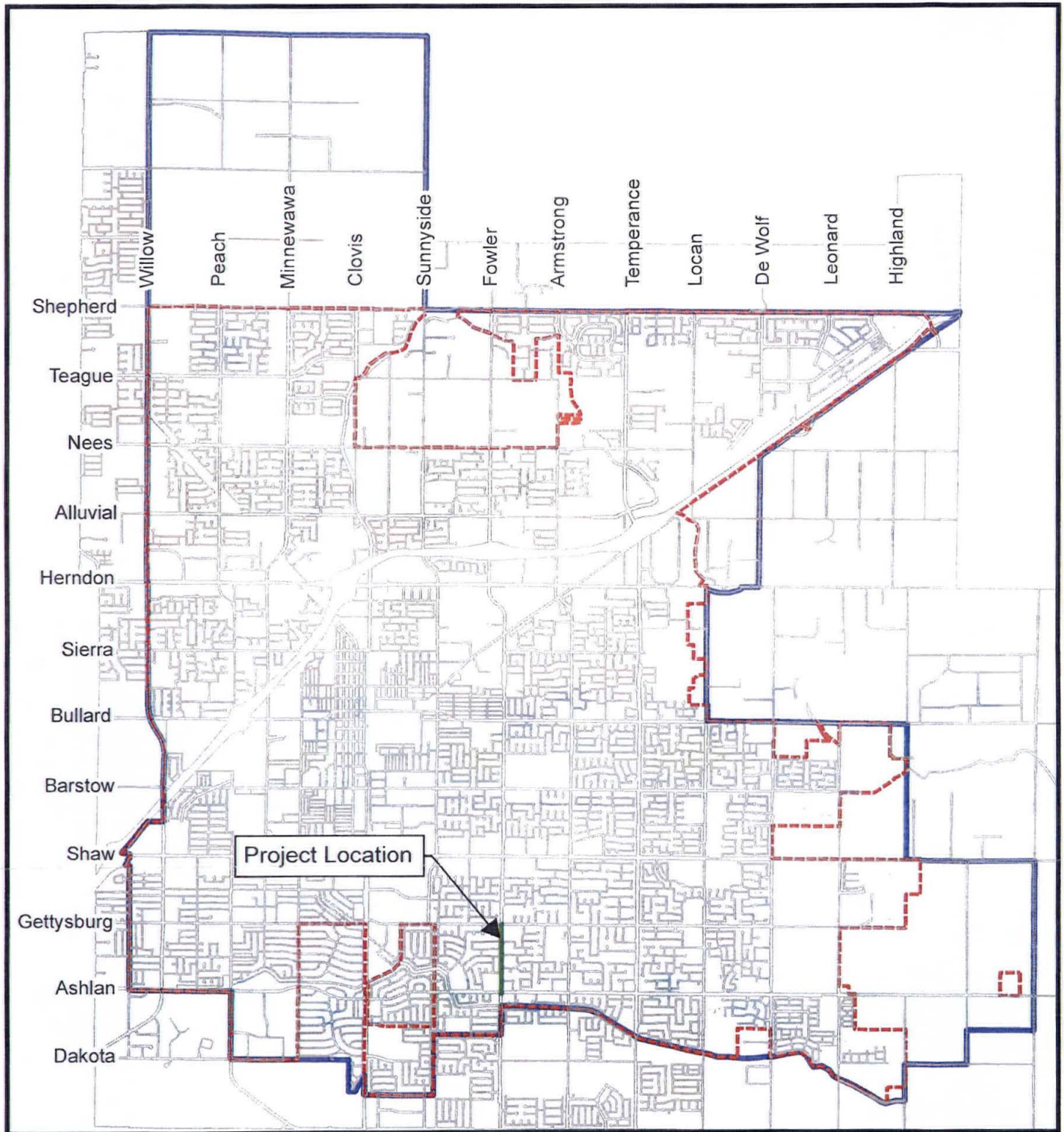
Prepared by: John Armendariz, Assistant Engineer

Submitted by: 
Michael Harrison
City Engineer

Recommended by: 
Dwight Kroll
Director of Planning and
Development Services

VICINITY MAP

CIP 15-05 Fowler Avenue Street Improvements



ATTACHMENT A



 CITY LIMITS  SPHERE OF INFLUENCE

April 19, 2017

Prepared By: John Armendariz



AGENDA ITEM NO: CC-F-3
City Manager: *JA*

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Planning and Development Services Department

DATE: February 20, 2018

SUBJECT: Approval – Final Acceptance for CIP 16-06 Minnewawa/Cherry Lane and Cherry Lane/Oxford Alley Improvements.

ATTACHMENT: (A) Vicinity map

CONFLICT OF INTEREST

None

RECOMMENDATION

For the City Council to accept the work performed as complete and authorize recording of the notice of completion.

EXECUTIVE SUMMARY

The project consisted of alley reconstruction including installation of asphalt concrete paving, concrete valley gutters, drive approaches, curb and gutter, sidewalk and miscellaneous concrete work for the Minnewawa/Cherry Lane Alley from Cherry Lane to Ninth Street and the Cherry Lane/Oxford Alley from Ninth Street to Eighth Street.

Staff has evaluated the project sites and all design aspects within the scope of this project for compliance with the Americans with Disabilities Act (ADA) accessibility standards as of December 27, 2017. The project was constructed to meet current ADA standards.

BACKGROUND

The bid opening was on August 29, 2017, and the project was awarded by City Council on September 5, 2017. Pierce Construction was the low bidder and was awarded the project. The project was completed in accordance with the construction documents and within the total contract time allotted.

FISCAL IMPACT

1. Contract Award Amount	\$ 125,402.25
2. Contract Change Orders	\$ 0.00
3. Liquidated Damages Assessed	\$ 0.00
<hr/>	
Final Contract Cost	\$ 125,402.25

This project was approved in the Community Investment Program 2016-2017 fiscal year budget and is fully funded by the Community Development Block Grant (CDBG) program.

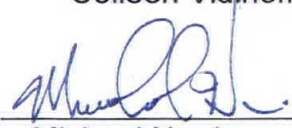
REASON FOR RECOMMENDATION


The Public Utilities Department, the City Engineer, the engineering inspector, and the project engineer agree that the work performed by the contractor is in accordance with the project plans and specifications, and has been deemed acceptable. The contractor, Pierce Construction, has requested final acceptance.

ACTIONS FOLLOWING APPROVAL

1. The notice of completion will be recorded; and
2. All remaining retention funds will be released no later than 35 calendar days following recordation of the notice of acceptance, provided no liens have been filed. Retention funds may be released within 60 days after the date of completion, provided no liens have been filed, with "completion" defined as the earlier of either (a) beneficial use and occupancy and cessation of labor, or (b) acceptance by the City Council per Public Contract Code Section 7107 (c)(2).

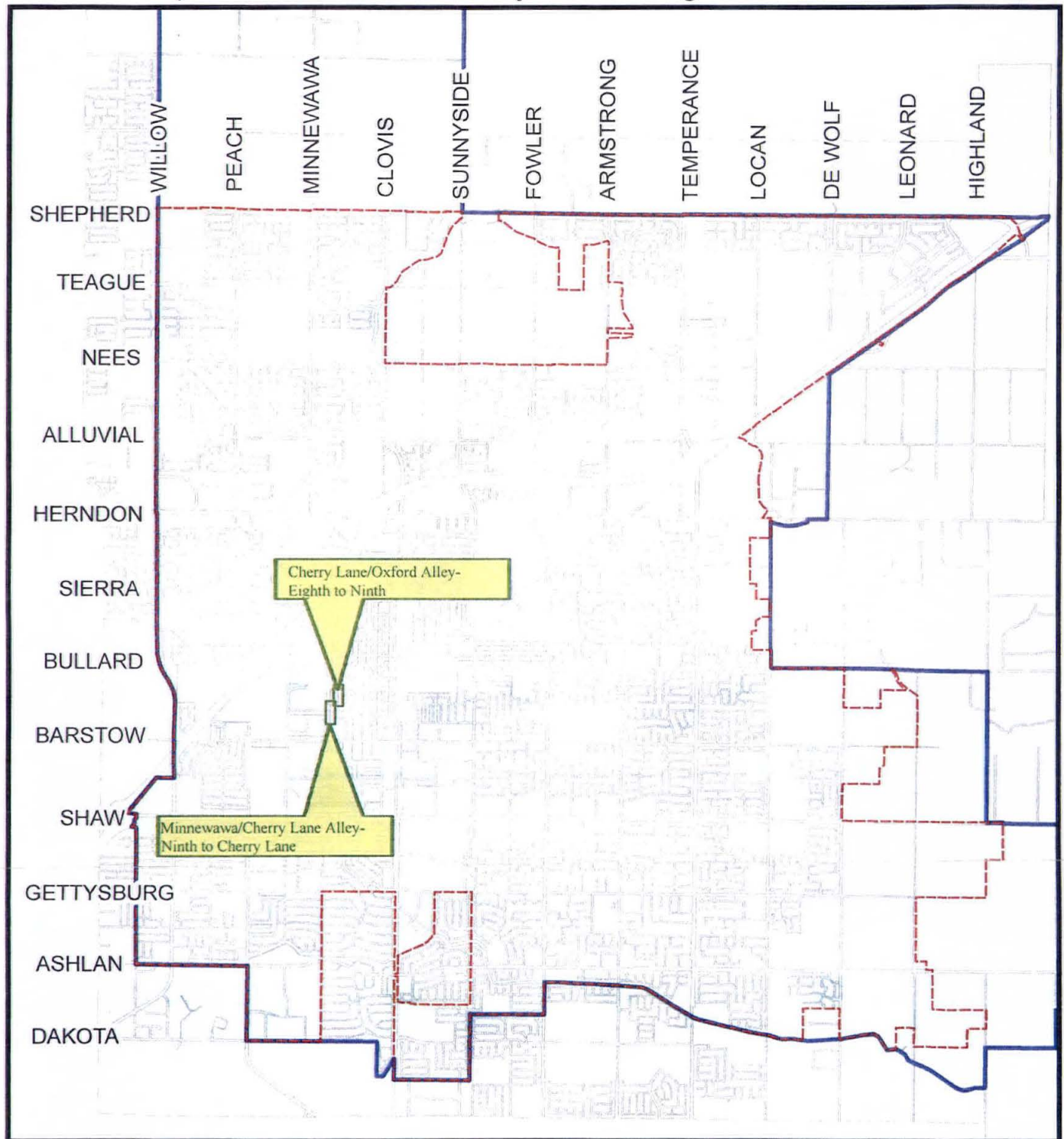
Prepared by: Colleen Vidinoff, Project Engineer

Submitted by: 
Michael Harrison
City Engineer

Recommended by: 
Dwight Kroll, AICP
Director of Planning
And Development
Services

VICINITY MAP

Minnewawa/Cherry Lane and Cherry Lane/Oxford Alley
Improvements - Ninth to Cherry Lane and Eighth to Ninth



ATTACHMENT A

 CITY LIMITS  SPHERE OF INFLUENCE



1" = 5500'



AGENDA ITEM NO: **CC-F-4**
City Manager: AAA

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Planning and Development Services Department

DATE: February 20, 2018

SUBJECT: Approval – Res. 18-____, Amending the Fresno Metropolitan Flood Control District (FMFCD) Schedule of Drainage Costs and Fees for 2018-2019.

ATTACHMENTS: (A) Res. 18-____
(B) FMFCD Fee Adoption Letter and Exhibits

CONFLICT OF INTEREST

None

RECOMMENDATION

For the City Council to approve Res. 18-____, amending the FMFCD Storm Drainage per-acre costs and fees for 2018-2019.

EXECUTIVE SUMMARY

The Fresno Metropolitan Flood Control District (District) is the agency responsible for the orderly construction of storm drainage systems within Clovis, including establishment of drainage impact fees. The Clovis Municipal Code provides for annual updates to the schedule of drainage fees by resolution. The District has adopted a new schedule of drainage fees and has submitted the schedule of rates for adoption by the City of Clovis pursuant to the Municipal Code and Government Code section 66017. Staff is requesting approval of the resolution adopting the new fee schedule.

BACKGROUND

In 1961, the Cities of Fresno and Clovis and the County of Fresno adopted, as an element of the Fresno-Clovis Metropolitan Area General Plan, a Storm Drainage Master Plan prepared by the Flood Control District for the metropolitan area. In 1969, these agencies adopted virtually identical drainage fee ordinances to provide for the funding of planned drainage facilities concurrently with development activity which created the need for such facilities.

The District has updated the master plan and the costs associated with construction of the new infrastructure needed to serve new development. The local drainage plan shows the drainage area boundaries as well as proposed and existing master plan facilities in each watershed area.

The rate structure associated with each master plan drainage area is based on the total cost of the urban drainage system including land, improvements and any engineering required to serve the subject area. As the facilities are constructed the estimated costs will be replaced by the actual costs. The total cost is divided into the total land area using appropriate proportionate ratios (related to storm runoff characteristics) between the various contributing/benefiting land uses.

The drainage fees paid pursuant to the ordinance (with the exception of the 5% development review fee) are deposited into a separate trust account by the District. The monies are not commingled with District general funds, are not used to fund any administration, operations or maintenance costs, and must be expended within the drainage area in which they are paid. The 5% development review component of the fee reimburses the District for the cost of engineering services provided by the District.

The fee ordinance, enacted under the authority of the State Subdivision Map Act, requires the identification of the estimated or actual cost of the planned facilities through the adoption of a resolution. Because the fees are based on the cost of facilities, the resolution serves also as the schedule of fees.

The Fresno Metropolitan Flood Control District consists of three zones. Zone 3 is generally comprised of the core area of the City of Clovis. Zone 2 is mostly in the City of Fresno, except for some portions of Drainage Areas "Q" and "S", which are predominately within Clovis. Zone 1 includes all of the areas within the District's jurisdiction that are not in Zone 2 or Zone 3.

Exhibit "A" lists the proposed drainage fee adjustments. City staff has had the opportunity to review the proposed adjustments with FMFCD staff and believes the adjustments are supported by the recently completed cost studies. District staff has indicated that the District contacted the Building Industry Association in reviewing the proposed drainage fee update. The District did adopt the revised rates on December 13, 2017 with an effective date of March 1, 2018 and is requesting adoption by the City Council pursuant to the provisions of the ordinance.

REASON FOR RECOMMENDATION


In accordance with the District's and the City's drainage fee ordinances, the drainage fee schedule is to be adjusted annually, or as warranted. This year the update was based upon examination of all drainage systems and their related costs and fee schedules.

ACTIONS FOLLOWING APPROVAL


Adopt and implement the 2018-2019 FMFCD Drainage Fees for local drainage fees.

Prepared by: Hien Ma, Engineering Technician

Submit by:


Michael Harrison
City Engineer

Recommended by:


Dwight Kroll, AICP
Director of Planning and
Development Services

RESOLUTION 18-_____

**A RESOLUTION OF THE COUNCIL OF THE CITY OF CLOVIS, CALIFORNIA,
AMENDING THE STORM DRAINAGE AND FLOOD CONTROL MASTER PLAN
AND ADOPTING THE DRAINAGE FEES AND COSTS FOR ALL DEVELOPMENTS
WITHIN THE JOINT AREA OF THE CITY OF CLOVIS, CALIFORNIA AND
THE FRESNO METROPOLITAN FLOOD CONTROL DISTRICT**

(2018-2019)

WHEREAS, the Council of the City of Clovis has enacted Chapter 7, Title 8 of the Clovis Municipal Code, which ordinance is hereby incorporated herein by this reference, creating and establishing the authority for imposing and charging fees for the construction of planned local storm drainage facilities; and

WHEREAS, an amended Storm Drainage and Flood Control Master Plan Map (Exhibit “A” hereto) specifying public facilities and improvements, existing and proposed, which are necessary to provide drainage service and flood control within the respective local drainage areas specified therein has been presented to the Council of the City of Clovis; and

WHEREAS, a study has been conducted of the impacts of contemplated future development on the existing storm drainage services and facilities in the local drainage areas of the Fresno Metropolitan Flood Control District (“District”) and the City of Clovis (“City”) listed in Exhibit “B” attached hereto, along with an analysis of new, improved or expanded public facilities, the estimated costs of those improvements, and the schedule of per gross acre fees calculated to raise the sum of money necessary to pay the estimated total cost of said local drainage in said local drainage areas; and

WHEREAS, this study was available at the District's office for public inspection and review ten (10) days prior to this public meeting and notice was given in compliance with the requirements therefore, and

Attachment A

WHEREAS, a public meeting was held pursuant to the public notice cited herein at a regularly scheduled meeting of the Council of the City of Clovis; and

WHEREAS, the Council of the City of Clovis finds as follows:

A. The purpose of said fees is to finance facilities within the City and District required for the removal of surface and storm waters attributable to development; to obviate the menace to the public health, safety and welfare arising from inadequate provision for removal of surface and storm waters occurring as the result of development of property; to prevent deterioration of property values and impairment of conditions making for desirable residential, commercial or industrial development, as the case may be, which would result from the failure to construct planned local drainage facilities relative to development of property; and to prevent deterioration of public streets and other public facilities which would result from failure to construct planned local drainage facilities concurrently with development.

B. The fees adopted hereby and collected pursuant to Chapter 7, Title 8 of the Clovis Municipal Code and this Resolution are to be used to finance only the public facilities shown on Exhibit "A" hereto within each of the respective local drainage areas identified in Exhibit "B" hereto;

C. After considering said Map and said study and analysis prepared by the District, entitled "Storm Drainage and Flood Control Master Plan", and that prepared by the City Planning Department entitled "2035 Clovis General Plan," and the various community and specific plans of the City; and the information and testimony received at this public hearing, the Council of the City of Clovis approves said Map and said study, and incorporates such herein. The Council further finds that all development in the subject area will generate the need, as described in this recital, for storm drainage facilities therein, and generates an unmet need for storm drainage facilities and services within the impacted area;

D. There is a need in this described impact area for storm drainage facilities which have not been constructed or have been constructed; said facilities have been called for in, or are consistent with, the City's General Plan. Development will contribute its fair share towards these facility costs in those local drainage areas listed in Exhibit "B" through payment of the respective drainage fees set forth therein;

E. The facts and evidence presented establish that there is a reasonable relationship between the need for the described public facilities and the impacts of the types of development as described in Exhibit "A" and "B" for which the corresponding fee set forth in Exhibit "B" is charged. There is a reasonable relationship between the use of said fee and the development of the lands in the service area for which the fee is charged, as these reasonable relationships or nexuses are described in more detail in the study and Map referred to above;

F. The Storm Drainage and Flood Control Master Plan Map attached hereto as Exhibit "A" and the storm drainage fees set forth in Exhibit "B", as adopted by Paragraphs 2 and 3 herein below, revise the Storm Drainage and Flood Control Master Plan, are in conformity with the City's General Plan and are in compliance with Section 66483 of the California Government Code.

G. The cost estimates set forth in Exhibit "B" are reasonable cost estimates for constructing these facilities and the fee schedule set forth therein is based on said estimates and is to generate fees from development which will not exceed the total of these costs.

NOW, THEREFORE, it is hereby resolved by the Council of the City of Clovis that:

1. The above recitals are true and correct, and this Council so finds and determines.

2. The Storm Drainage and Flood Control Master Plan is hereby amended to include that Storm Drain and Flood Control Master Plan Map attached hereto as Exhibit "A" as supported by Exhibit "B".

3. The schedule of drainage fees for those respective local drainage areas listed in Exhibit "B" hereto is hereby adopted as set forth in said Exhibit "B". The District shall prepare, and provide to the City, a 2018-2019 schedule of drainage fees for each of its local drainage areas, which shall include the fees adopted hereby. Fees shall be paid in accordance with the Drainage Fee Ordinances according to said 2018-2019 drainage fee schedule.

4. The fee shall be solely used to pay: (a) costs related to the design, administration and construction of the described public storm water facilities; (b) for reimbursing the District for the development's fair share of those costs incurred by the District in the design and construction of the described public storm water facilities; or (c) to reimburse other developers

who have constructed public facilities in each service area where those facilities were beyond that needed to mitigate the impacts of the other developers' project or projects and where reimbursement is provided for in the applicable Drainage Fee Ordinance or under a UGM Ordinance.

5. The District, pursuant to Chapter 7 of Title 8 of the Municipal Code, shall review the estimated cost of the described capital improvements for which this fee is charged, the continued or expanded need therefore, and the reasonable relationship between such facility needs and the varying types and development. The Manager shall report the findings to the City Council and recommend any adjustment to this fee or other action as may be needed.

6. Pursuant to California Government Code Section 66022, any judicial action or proceeding to attack, review, set aside, void or annul this Resolution shall be brought within 120 days of the effective date hereof, which shall be 60 days after the date of adoption hereof. Administrative appeal is a mandatory prerequisite to any such judicial action or proceeding. Such appeal shall be made in writing to the City Engineer of the City of Clovis. Such appeal must be made within 60 days after the effective date hereof. The City Engineer shall set the matter for hearing, conduct the hearing and render a decision within 40 days after such appeal is filed.

7. The Ordinance of the City of Clovis has an administrative mechanism whereby a property owner who seeks to develop property within the boundaries of the City of Clovis and the Fresno Metropolitan Flood Control District can challenge the fees imposed thereunder only by first paying said fees under protest. Developers of property within the City of Clovis and the Fresno Metropolitan Flood Control District shall adhere to the applicable ordinance of the City of Clovis under which it is required that drainage fees must be paid before development is allowed, and that such fee may be paid under protest.

THE FOREGOING was introduced and adopted at a regular meeting of the City Council of the City of Clovis held on the 20th day of February, 2018, by the following vote, to wit;

AYES:

NOES:

ABSENT:

ABSTAIN:

DATED:

Mayor

City Clerk



FRESNO METROPOLITAN FLOOD CONTROL DISTRICT
FRESNO COUNTY CALIFORNIA
STORM DRAINAGE AND FLOOD CONTROL MASTER PLAN

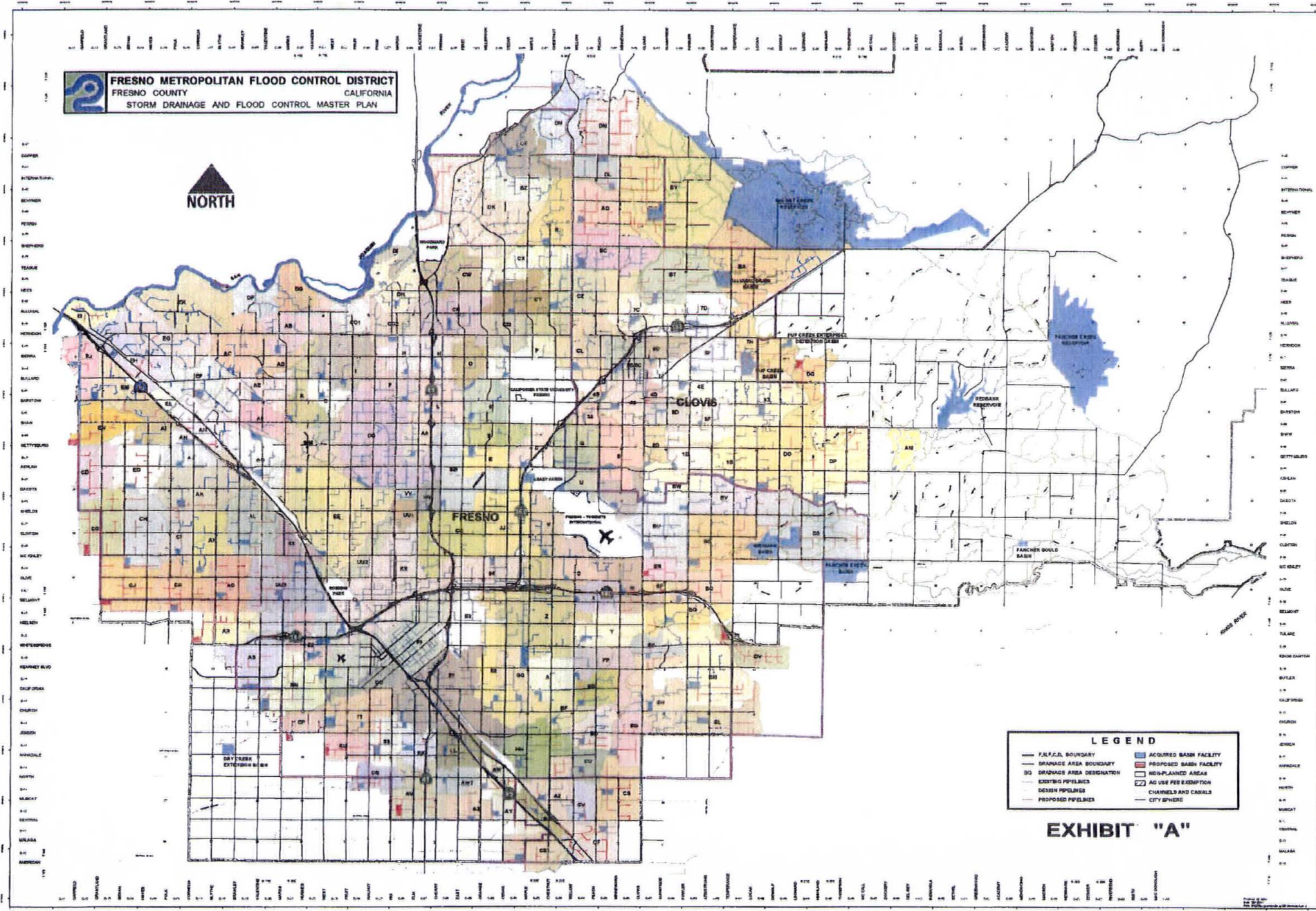


EXHIBIT "A"

EXHIBIT "B"
Fresno Metropolitan Flood Control District







2018 DRAINAGE FEE SCHEDULE

City of Clovis

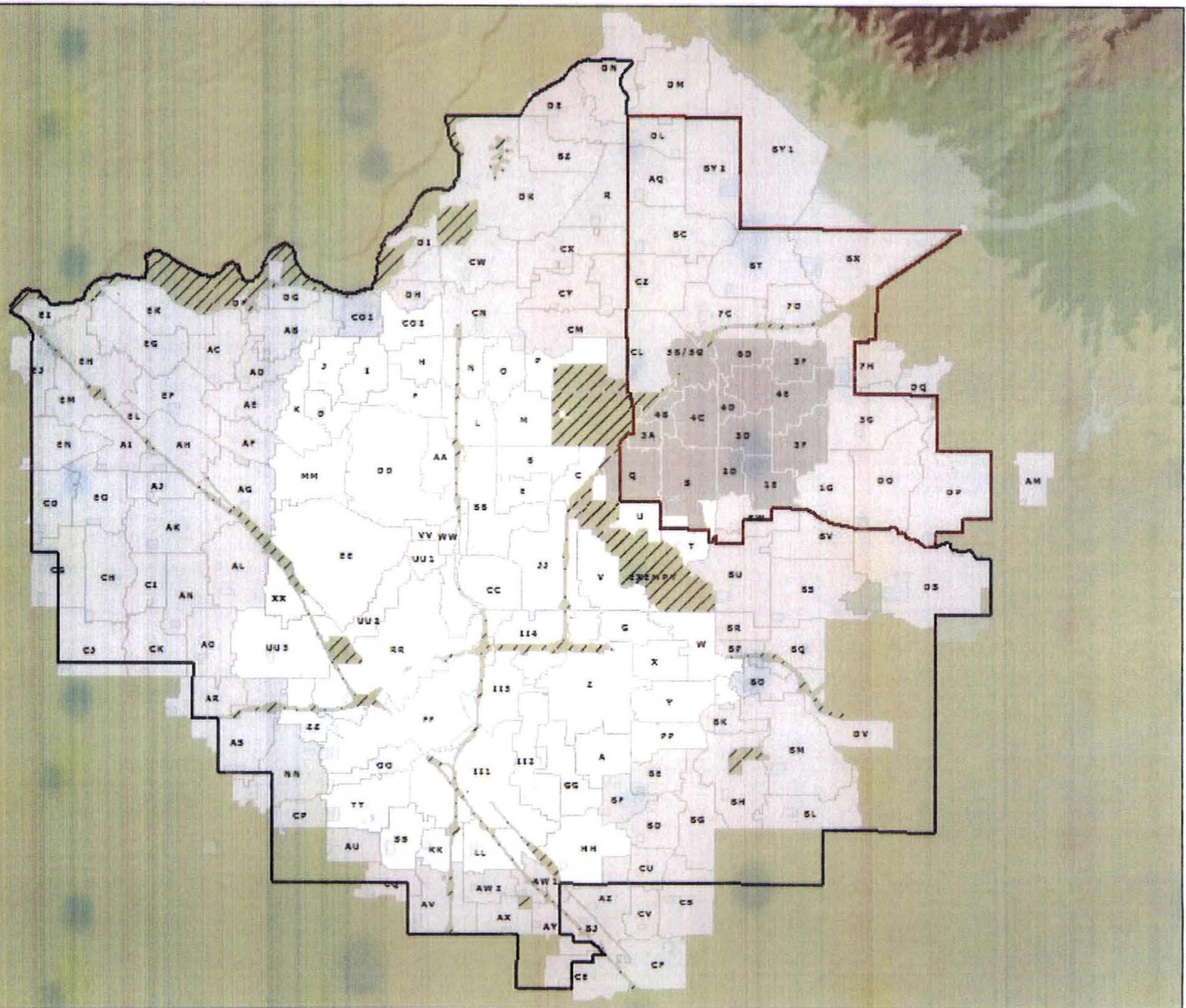
Effective Date: 3/1/2018

Fresno Metropolitan Flood Control District

Legend

-  Basins
- Drainage Zones
-  Exempt Areas
-  Zone 1
-  Zone 2
-  Zone 3
-  Fresno Sphere of Influence
-  Clovis Sphere of Influence

This Fresno Metropolitan Flood Control District provides and uses the information for its own purposes and the information may not be suitable for other purposes. This information is provided as is. Further documentation of this data can be obtained by contacting: Fresno Metropolitan Flood Control District, Master Planned Management, 3455 E. Olive Ave Fresno, CA, 93727 Tel: (559) 435-5555



DRAINAGE FEE SCHEDULE FOR ZONE 1: PLANNED LOCAL DRAINAGE AREAS

		AE-5, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
Area																
AQ	BASIN	\$1,750	\$1,750	\$2,200	\$2,630	\$3,070	\$3,290	\$3,450	\$3,620	\$3,620	\$4,050	\$4,930	\$7,170	\$7,680	\$8,230	\$2,482,069
	PIPE	\$3,670	\$3,670	\$4,870	\$5,300	\$5,750	\$5,980	\$6,170	\$6,340	\$6,340	\$6,790	\$7,240	\$8,410	\$8,900	\$9,390	\$4,414,462
	TOTAL	\$5,420	\$5,420	\$7,070	\$7,930	\$8,820	\$9,270	\$9,620	\$9,960	\$9,960	\$10,840	\$12,170	\$15,580	\$16,580	\$17,620	\$6,896,531
BC	BASIN	\$1,610	\$1,830	\$2,300	\$2,750	\$3,220	\$3,440	\$3,620	\$3,800	\$3,800	\$4,250	\$5,170	\$7,520	\$8,050	\$8,630	\$4,386,809
	PIPE	\$2,620	\$2,960	\$3,930	\$4,270	\$4,630	\$4,820	\$4,970	\$5,100	\$5,100	\$5,470	\$5,840	\$6,780	\$7,170	\$7,570	\$5,620,988
	TOTAL	\$4,230	\$4,790	\$6,230	\$7,020	\$7,850	\$8,260	\$8,590	\$8,900	\$8,900	\$9,720	\$11,010	\$14,300	\$15,220	\$16,200	\$10,007,797
BT	BASIN	\$1,910	\$2,180	\$2,740	\$3,270	\$3,830	\$4,090	\$4,300	\$4,510	\$4,510	\$5,050	\$6,140	\$8,930	\$9,570	\$10,250	\$4,020,360
	PIPE	\$3,400	\$3,840	\$5,100	\$5,540	\$6,010	\$6,250	\$6,460	\$6,630	\$6,630	\$7,100	\$7,580	\$8,800	\$9,310	\$9,820	\$6,300,720
	TOTAL	\$5,310	\$6,020	\$7,840	\$8,810	\$9,840	\$10,340	\$10,760	\$11,140	\$11,140	\$12,150	\$13,720	\$17,730	\$18,880	\$20,070	\$10,321,080
BU	BASIN	\$400	\$450	\$570	\$680	\$800	\$850	\$900	\$940	\$940	\$1,050	\$1,280	\$1,860	\$1,990	\$2,130	\$1,790,200
	PIPE	\$1,380	\$1,560	\$2,080	\$2,260	\$2,450	\$2,550	\$2,630	\$2,700	\$2,700	\$2,890	\$3,090	\$3,580	\$3,790	\$4,000	\$3,647,720
	TOTAL	\$1,780	\$2,010	\$2,650	\$2,940	\$3,250	\$3,400	\$3,530	\$3,640	\$3,640	\$3,940	\$4,370	\$5,440	\$5,780	\$6,130	\$5,437,920
BW	BASIN	\$970	\$1,110	\$1,390	\$1,660	\$1,940	\$2,080	\$2,190	\$2,300	\$2,300	\$2,570	\$3,120	\$4,540	\$4,860	\$5,210	\$1,211,930
	PIPE	\$1,090	\$1,240	\$1,540	\$1,780	\$1,940	\$2,010	\$2,080	\$2,130	\$2,130	\$2,290	\$2,440	\$2,830	\$3,000	\$3,160	\$1,082,900
	TOTAL	\$2,060	\$2,350	\$3,030	\$3,440	\$3,880	\$4,090	\$4,270	\$4,430	\$4,430	\$4,860	\$5,560	\$7,370	\$7,860	\$8,370	\$2,294,830
BX	BASIN	\$2,130	\$2,130	\$2,670	\$3,200	\$3,740	\$4,000	\$4,210	\$4,410	\$4,410	\$4,930	\$6,000	\$8,730	\$9,350	\$10,020	\$7,690,715
	PIPE	\$2,660	\$2,660	\$3,530	\$3,840	\$4,160	\$4,330	\$4,470	\$4,590	\$4,590	\$4,920	\$5,250	\$6,090	\$6,450	\$6,800	\$8,068,477
	TOTAL	\$4,790	\$4,790	\$6,200	\$7,040	\$7,900	\$8,330	\$8,680	\$9,000	\$9,000	\$9,850	\$11,250	\$14,820	\$15,800	\$16,820	\$15,759,192
*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 2008-590 adopted December 17, 2008.																
BZ	BASIN	\$1,840	\$2,100	\$2,640	\$3,150	\$3,690	\$3,940	\$4,150	\$4,350	\$4,350	\$4,870	\$5,920	\$8,610	\$9,220	\$9,880	\$7,324,242
	PIPE	\$2,630	\$2,970	\$3,950	\$4,290	\$4,660	\$4,840	\$5,000	\$5,130	\$5,130	\$5,500	\$5,870	\$6,820	\$7,210	\$7,610	\$2,834,949
	TOTAL	\$4,470	\$5,070	\$6,590	\$7,440	\$8,350	\$8,780	\$9,150	\$9,480	\$9,480	\$10,370	\$11,790	\$15,430	\$16,430	\$17,490	\$5,159,191
CL	BASIN	\$770	\$880	\$1,100	\$1,310	\$1,540	\$1,640	\$1,730	\$1,810	\$1,810	\$2,030	\$2,470	\$3,590	\$3,840	\$4,120	\$2,007,780
	PIPE	\$1,130	\$1,280	\$1,690	\$1,840	\$2,000	\$2,080	\$2,150	\$2,200	\$2,200	\$2,360	\$2,520	\$2,920	\$3,090	\$3,260	\$2,144,570
	TOTAL	\$1,900	\$2,160	\$2,790	\$3,150	\$3,540	\$3,720	\$3,880	\$4,010	\$4,010	\$4,390	\$4,990	\$6,510	\$6,930	\$7,380	\$4,152,350
CZ	BASIN	\$520	\$590	\$740	\$880	\$1,030	\$1,110	\$1,160	\$1,220	\$1,220	\$1,370	\$1,660	\$2,420	\$2,590	\$2,770	\$1,440,920
	PIPE	\$1,150	\$1,300	\$1,720	\$1,870	\$2,030	\$2,110	\$2,180	\$2,240	\$2,240	\$2,400	\$2,560	\$2,970	\$3,140	\$3,310	\$2,555,610
	TOTAL	\$1,670	\$1,890	\$2,460	\$2,750	\$3,060	\$3,220	\$3,340	\$3,460	\$3,460	\$3,770	\$4,220	\$5,390	\$5,730	\$6,080	\$3,996,530
DL	BASIN	\$2,220	\$2,220	\$2,790	\$3,330	\$3,900	\$4,170	\$4,390	\$4,600	\$4,600	\$5,150	\$6,260	\$9,100	\$9,740	\$10,450	\$2,295,553
	PIPE	\$3,090	\$3,090	\$4,100	\$4,450	\$4,840	\$5,030	\$5,190	\$5,330	\$5,330	\$5,710	\$6,090	\$7,080	\$7,480	\$7,890	\$2,766,492
	TOTAL	\$5,310	\$5,310	\$6,890	\$7,780	\$8,740	\$9,200	\$9,580	\$9,930	\$9,930	\$10,860	\$12,350	\$16,180	\$17,220	\$18,340	\$5,062,045
DM	BASIN	\$1,520	\$1,740	\$2,180	\$2,600	\$3,040	\$3,260	\$3,420	\$3,590	\$3,590	\$4,020	\$4,890	\$7,110	\$7,610	\$8,160	\$3,575,530
	PIPE	\$3,900	\$4,410	\$5,850	\$6,350	\$6,900	\$7,170	\$7,410	\$7,600	\$7,600	\$8,150	\$8,690	\$10,100	\$10,680	\$11,270	\$7,757,310
	TOTAL	\$5,420	\$6,150	\$8,030	\$8,950	\$9,940	\$10,430	\$10,830	\$11,190	\$11,190	\$12,170	\$13,580	\$17,210	\$18,290	\$19,430	\$11,332,840
DO	BASIN	\$1,510	\$1,510	\$1,890	\$2,260	\$2,650	\$2,830	\$2,980	\$3,120	\$3,120	\$3,490	\$4,250	\$6,180	\$6,620	\$7,090	\$3,920,734
	PIPE	\$3,170	\$3,170	\$4,200	\$4,570	\$4,960	\$5,160	\$5,320	\$5,460	\$5,460	\$5,860	\$6,250	\$7,260	\$7,680	\$8,100	\$6,524,973
	TOTAL	\$4,680	\$4,680	\$6,090	\$6,830	\$7,610	\$7,990	\$8,300	\$8,580	\$8,580	\$9,350	\$10,500	\$13,440	\$14,300	\$15,190	\$10,445,707
*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 2014-806 adopted December 10, 2014.																
DP	BASIN	\$1,330	\$1,520	\$1,900	\$2,270	\$2,660	\$2,850	\$2,990	\$3,140	\$3,140	\$3,510	\$4,270	\$6,210	\$6,650	\$7,130	\$4,998,170
	PIPE	\$4,260	\$4,820	\$6,400	\$6,950	\$7,550	\$7,850	\$8,100	\$8,310	\$8,310	\$8,910	\$9,510	\$11,040	\$11,680	\$12,320	\$11,949,550
	TOTAL	\$5,590	\$6,340	\$8,300	\$9,220	\$10,210	\$10,700	\$11,090	\$11,450	\$11,450	\$12,420	\$13,780	\$17,250	\$18,330	\$19,450	\$16,947,720

DRAINAGE FEE SCHEDULE FOR ZONE 1: PLANNED LOCAL DRAINAGE AREAS

Area		AE-5, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
DQ	BASIN	\$4,890	\$5,570	\$6,990	\$8,360	\$9,770	\$10,460	\$10,990	\$11,530	\$11,530	\$12,900	\$15,680	\$22,820	\$24,430	\$26,190	\$4,023,780
	PIPE	\$3,760	\$4,250	\$5,640	\$6,130	\$6,660	\$6,920	\$7,140	\$7,330	\$7,330	\$7,860	\$8,380	\$9,740	\$10,300	\$10,870	\$2,678,420
	TOTAL	\$8,650	\$9,820	\$12,630	\$14,490	\$16,430	\$17,380	\$18,130	\$18,860	\$18,860	\$20,760	\$24,060	\$32,560	\$34,730	\$37,060	\$6,702,200
1G	BASIN	\$1,330	\$1,330	\$1,670	\$1,990	\$2,330	\$2,500	\$2,620	\$2,750	\$2,750	\$3,080	\$3,740	\$5,450	\$5,830	\$6,250	\$1,660,870
	PIPE	\$1,380	\$1,380	\$1,830	\$1,980	\$2,150	\$2,240	\$2,310	\$2,370	\$2,370	\$2,540	\$2,710	\$3,150	\$3,330	\$3,520	\$1,541,159
	TOTAL	\$2,710	\$2,710	\$3,500	\$3,970	\$4,480	\$4,740	\$4,930	\$5,120	\$5,120	\$5,620	\$6,450	\$8,600	\$9,160	\$9,770	\$3,202,029
3G	BASIN	\$2,130	\$2,430	\$3,050	\$3,650	\$4,270	\$4,560	\$4,800	\$5,030	\$5,030	\$5,630	\$6,850	\$9,960	\$10,670	\$11,430	\$4,649,160
	PIPE	\$2,260	\$2,560	\$3,390	\$3,690	\$4,010	\$4,160	\$4,300	\$4,410	\$4,410	\$4,730	\$5,050	\$5,860	\$6,200	\$6,540	\$4,154,740
	TOTAL	\$4,390	\$4,990	\$6,440	\$7,340	\$8,280	\$8,720	\$9,100	\$9,440	\$9,440	\$10,360	\$11,900	\$15,820	\$16,870	\$17,970	\$8,803,900
7C	BASIN	\$1,810	\$1,810	\$2,260	\$2,710	\$3,170	\$3,390	\$3,560	\$3,740	\$3,740	\$4,180	\$5,080	\$7,400	\$7,920	\$8,490	\$3,220,892
	PIPE	\$1,820	\$1,820	\$2,410	\$2,620	\$2,850	\$2,960	\$3,060	\$3,140	\$3,140	\$3,360	\$3,590	\$4,170	\$4,410	\$4,650	\$2,323,081
	TOTAL	\$3,630	\$3,630	\$4,670	\$5,330	\$6,020	\$6,350	\$6,620	\$6,880	\$6,880	\$7,540	\$8,670	\$11,570	\$12,330	\$13,140	\$5,543,973
7D	BASIN	\$1,690	\$1,920	\$2,410	\$2,880	\$3,370	\$3,610	\$3,790	\$3,980	\$3,980	\$4,450	\$5,410	\$7,870	\$8,430	\$9,030	\$2,955,400
	PIPE	\$1,660	\$1,880	\$2,490	\$2,710	\$2,940	\$3,060	\$3,160	\$3,240	\$3,240	\$3,470	\$3,710	\$4,300	\$4,550	\$4,800	\$2,016,120
	TOTAL	\$3,350	\$3,800	\$4,900	\$5,590	\$6,310	\$6,670	\$6,950	\$7,220	\$7,220	\$7,920	\$9,120	\$12,170	\$12,980	\$13,830	\$4,971,520
*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 2005-480 adopted November 16, 2005.																
7H	BASIN	\$1,610	\$1,840	\$2,310	\$2,760	\$3,230	\$3,450	\$3,630	\$3,810	\$3,810	\$4,260	\$5,180	\$7,540	\$8,070	\$8,650	\$3,659,000
	PIPE	\$3,030	\$3,430	\$4,550	\$4,940	\$5,370	\$5,580	\$5,760	\$5,920	\$5,920	\$6,340	\$6,760	\$7,860	\$8,310	\$8,770	\$4,870,870
	TOTAL	\$4,640	\$5,270	\$6,860	\$7,700	\$8,600	\$9,030	\$9,390	\$9,730	\$9,730	\$10,600	\$11,940	\$15,400	\$16,380	\$17,420	\$8,529,870
*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 2005-480 adopted November 16, 2005.																

DRAINAGE FEE SCHEDULE FOR ZONE 2: PLANNED LOCAL DRAINAGE AREAS

Area		AE-5, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
Zone 2	BASIN	\$610	\$700	\$870	\$1,040	\$1,220	\$1,310	\$1,370	\$1,440	\$1,440	\$1,610	\$1,960	\$2,850	\$3,050	\$3,270	\$68,731,015
	PIPE	\$1,480	\$1,670	\$2,220	\$2,410	\$2,610	\$2,720	\$2,810	\$2,880	\$2,880	\$3,090	\$3,290	\$3,830	\$4,050	\$4,270	\$116,729,243
	TOTAL	\$2,090	\$2,370	\$3,090	\$3,450	\$3,830	\$4,030	\$4,180	\$4,320	\$4,320	\$4,700	\$5,250	\$6,680	\$7,100	\$7,540	\$185,460,258

Planned Local Drainage Areas: Zone 2

Area	Basin Cost	Pipe Cost	Total	Area	Basin Cost	Pipe Cost	Total	Area	Basin Cost	Pipe Cost	Total
A	\$1,919,667	\$1,062,326	\$2,981,993	X	\$1,432,285	\$449,059	\$1,881,344	OO	\$1,561,845	\$722,427	\$2,284,272
B	\$851,913	\$140,986	\$992,899	Y	\$1,038,356	\$2,267,715	\$3,306,071	PP	\$1,274,060	\$1,175,222	\$2,449,282
C	\$479,953	\$319,598	\$799,551	Z	\$1,105,955	\$2,528,057	\$3,634,012 **	RR	\$4,719,275	\$17,602,417	\$22,321,692
D	\$801,394	\$694,153	\$1,495,547	AA	\$941,661	\$1,186,976	\$2,128,637	SS	\$1,811,129	\$2,200,730	\$4,011,859
E	\$616,828	\$226,879	\$843,707	BB	\$469,078	\$822,774	\$1,291,852	TT	\$1,389,683	\$1,441,094	\$2,830,777
F	\$253,137	\$302,016	\$555,153	CC	\$440,132	\$2,085,646	\$2,525,778	UU1	\$474,282	\$769,970	\$1,244,252
G	\$1,123,777	\$157,007	\$1,280,784	CO2	\$874,040	\$1,424,260	\$2,298,300	UU2	\$1,229,583	\$1,683,909	\$2,913,492
H	\$99,858	\$214,682	\$314,540	DD	\$1,642,464	\$7,519,802	\$9,162,266	UU3	\$2,477,959	\$7,192,061	\$9,670,020
I	\$227,828	\$254,359	\$482,187	EE	\$754,118	\$3,356,664	\$4,110,782	VV	\$34,124	\$119,582	\$153,706
J	\$1,504,470	\$346,121	\$1,850,591	FF	\$1,430,542	\$9,484,710	\$10,915,252	WW	\$18,653	\$360,044	\$378,697
K	\$778,589	\$679,595	\$1,458,184	GG	\$1,918,839	\$1,418,733	\$3,337,572	XX	\$1,025,092	\$2,158,267	\$3,183,359
L	\$537,389	\$491,234	\$1,028,623	HH	\$3,185,427	\$4,502,078	\$7,687,505	ZZ	\$2,119,189	\$2,374,123	\$4,493,312
M	\$802,300	\$259,796	\$1,062,096	II1	\$3,757,976	\$16,004,994	\$19,762,970				
N	\$407,405	\$437,326	\$844,731	II2	\$6,544,284	\$1,234,305	\$7,778,589				
O	\$865,371	\$193,195	\$1,058,566	II3	\$1,325,872	\$1,191,807	\$2,517,679				
P	\$669,066	\$278,425	\$947,491	II4	\$1,778,852	\$1,105,876	\$2,884,728				
T	\$1,488,906	\$1,943,916	\$3,432,822	JJ	\$1,579,931	\$3,836,869	\$5,416,800				
U	\$1,020,891	\$658,754	\$1,679,645	KK	\$1,422,053	\$1,491,780	\$2,913,833				
V	\$630,005	\$1,726,395	\$2,356,400	LL	\$1,633,707	\$2,791,939	\$4,425,646				
W	\$1,737,142	\$2,881,294	\$4,618,436	MM	\$504,680	\$957,296	\$1,461,976				

z ** Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 1386 adopted October 13, 1987.

DRAINAGE FEE SCHEDULE FOR ZONE 3: PLANNED LOCAL DRAINAGE AREAS

Area	AE-5, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
Zone 3	BASIN	\$1,190	\$1,190	\$1,490	\$1,780	\$2,090	\$2,230	\$2,350	\$2,460	\$2,460	\$2,750	\$3,350	\$4,870	\$5,590	\$19,205,863
	PIPE	\$1,890	\$1,890	\$2,510	\$2,730	\$2,960	\$3,080	\$3,180	\$3,260	\$3,260	\$3,500	\$3,730	\$4,340	\$4,840	\$22,085,509
	TOTAL	\$3,080	\$3,080	\$4,000	\$4,510	\$5,050	\$5,310	\$5,530	\$5,720	\$5,720	\$6,250	\$7,080	\$9,210	\$10,430	\$41,291,372

Planned Local Dranage Areas: Zone 3

Area	Basin Cost	Pipe Cost	Total
Q	\$293,655	\$427,641	\$721,296
S	\$931,088	\$2,124,469	\$3,055,557
1E	\$1,689,187	\$925,282	\$2,614,469
2D	\$618,300	\$1,117,604	\$1,735,904
3A	\$845,790	\$783,260	\$1,629,050
3D	\$1,181,858	\$1,043,289	\$2,225,147
3F	\$862,762	\$1,224,098	\$2,086,860
4B	\$961,583	\$826,244	\$1,787,827
4C	\$1,001,364	\$2,423,300	\$3,424,664
4D	\$3,321,389	\$873,053	\$4,194,442
4E	\$2,420,366	\$2,116,810	\$4,537,176
5B/5C	\$3,311,968	\$2,165,483	\$5,477,451
5F	\$1,274,564	\$1,550,385	\$2,824,949
6D	\$1,303,823	\$1,607,529	\$2,911,352

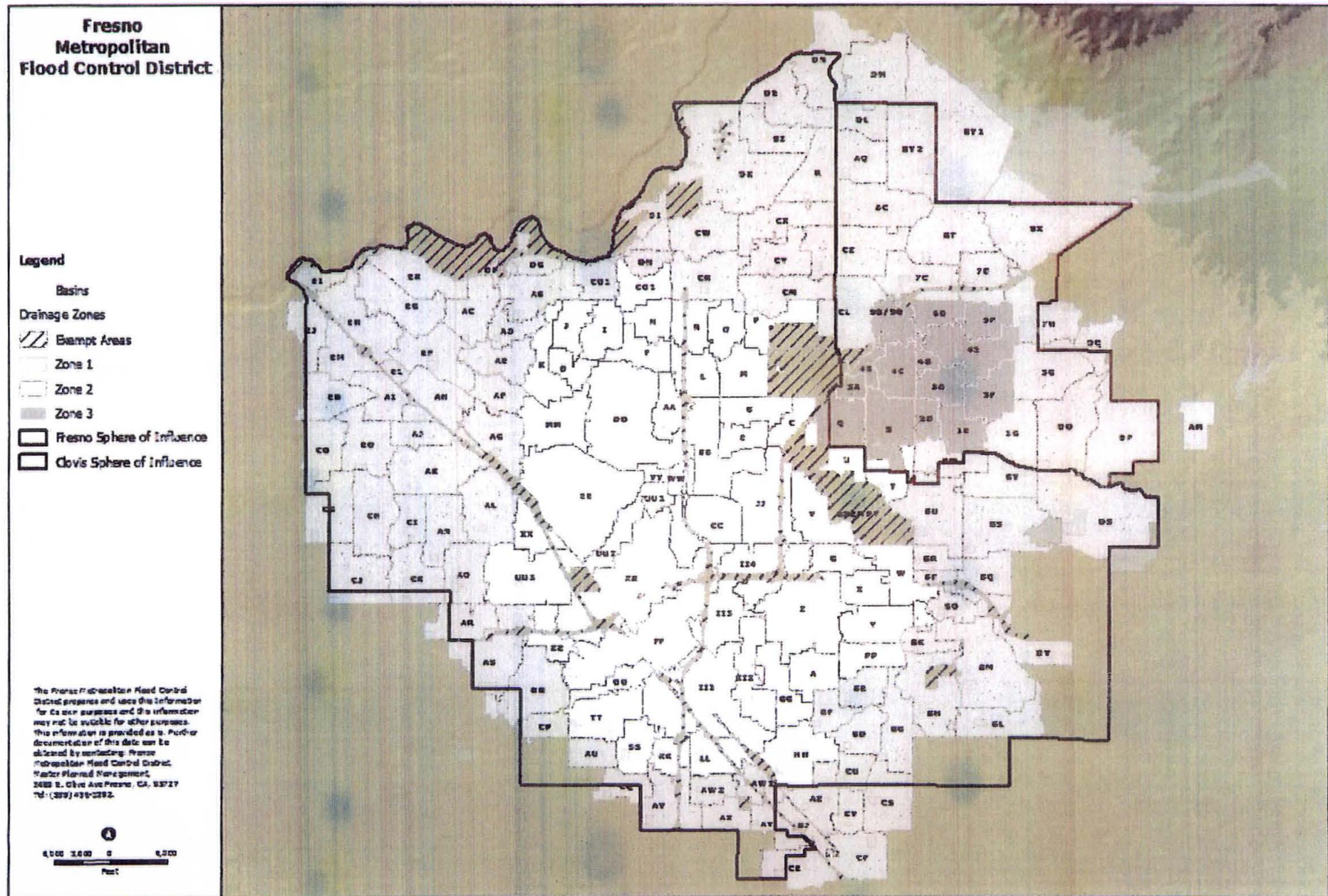
Fresno Metropolitan Flood Control District



2018 DRAINAGE FEE SCHEDULE

Fresno County

Effective Date: 3/1/2018



DRAINAGE FEE SCHEDULE FOR ZONE 1: PLANNED LOCAL DRAINAGE AREAS

Area		AE-5, A-1, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
R	BASIN	\$1,410	\$1,610	\$2,020	\$2,420	\$2,820	\$3,020	\$3,180	\$3,330	\$3,330	\$3,730	\$4,530	\$6,600	\$7,060	\$7,570	\$2,891,960
	PIPE	\$1,840	\$2,080	\$2,760	\$2,990	\$3,250	\$3,380	\$3,490	\$3,580	\$3,580	\$3,840	\$4,100	\$4,760	\$5,030	\$5,310	\$2,780,680
	TOTAL	\$3,250	\$3,690	\$4,780	\$5,410	\$6,070	\$6,400	\$6,670	\$6,910	\$6,910	\$7,570	\$8,630	\$11,360	\$12,090	\$12,880	\$5,672,640
AB	BASIN	\$870	\$990	\$1,250	\$1,490	\$1,740	\$1,860	\$1,960	\$2,060	\$2,060	\$2,300	\$2,800	\$4,070	\$4,350	\$4,670	\$1,501,130
	PIPE	\$1,030	\$1,170	\$1,550	\$1,680	\$1,830	\$1,900	\$1,960	\$2,010	\$2,010	\$2,160	\$2,300	\$2,670	\$2,830	\$2,980	\$1,470,000
	TOTAL	\$1,900	\$2,160	\$2,800	\$3,170	\$3,570	\$3,760	\$3,920	\$4,070	\$4,070	\$4,460	\$5,100	\$6,740	\$7,180	\$7,650	\$2,971,130
AC	BASIN	\$640	\$730	\$920	\$1,100	\$1,280	\$1,370	\$1,440	\$1,520	\$1,520	\$1,700	\$2,060	\$3,000	\$3,210	\$3,440	\$1,095,117
	PIPE	\$890	\$1,010	\$1,340	\$1,460	\$1,580	\$1,650	\$1,700	\$1,740	\$1,740	\$1,900	\$2,230	\$2,450	\$2,580	\$2,780	\$1,164,819
	TOTAL	\$1,530	\$1,740	\$2,260	\$2,560	\$2,860	\$3,020	\$3,140	\$3,260	\$3,260	\$3,570	\$4,050	\$5,320	\$5,660	\$6,020	\$2,259,936
AD	BASIN	\$990	\$1,130	\$1,420	\$1,700	\$1,990	\$2,130	\$2,240	\$2,340	\$2,340	\$2,620	\$3,190	\$4,640	\$4,970	\$5,330	\$731,166
	PIPE	\$680	\$760	\$1,010	\$1,100	\$1,200	\$1,240	\$1,290	\$1,320	\$1,320	\$1,410	\$1,510	\$1,750	\$1,850	\$1,960	\$442,643
	TOTAL	\$1,670	\$1,890	\$2,430	\$2,800	\$3,190	\$3,370	\$3,530	\$3,660	\$3,660	\$4,030	\$4,700	\$6,390	\$6,820	\$7,290	\$1,173,809
AE	BASIN	\$1,430	\$1,630	\$2,040	\$2,440	\$2,860	\$3,060	\$3,210	\$3,370	\$3,370	\$3,770	\$4,580	\$6,670	\$7,140	\$7,650	\$2,008,950
	PIPE	\$620	\$700	\$940	\$1,020	\$1,100	\$1,150	\$1,180	\$1,220	\$1,220	\$1,300	\$1,390	\$1,610	\$1,710	\$1,800	\$705,970
	TOTAL	\$2,050	\$2,330	\$2,980	\$3,460	\$3,960	\$4,210	\$4,390	\$4,590	\$4,590	\$5,070	\$5,970	\$8,280	\$8,850	\$9,450	\$2,714,920
AF	BASIN	\$650	\$740	\$930	\$1,110	\$1,300	\$1,390	\$1,470	\$1,540	\$1,540	\$1,720	\$2,090	\$3,040	\$3,260	\$3,490	\$1,094,720
	PIPE	\$500	\$570	\$760	\$820	\$930	\$930	\$960	\$980	\$980	\$1,050	\$1,120	\$1,310	\$1,380	\$1,460	\$510,250
	TOTAL	\$1,150	\$1,310	\$1,690	\$1,930	\$2,190	\$2,320	\$2,430	\$2,520	\$2,520	\$2,770	\$3,210	\$4,350	\$4,640	\$4,950	\$1,604,970
AG	BASIN	\$440	\$510	\$630	\$760	\$890	\$950	\$1,000	\$1,050	\$1,050	\$1,170	\$1,420	\$2,070	\$2,220	\$2,380	\$1,236,580
	PIPE	\$1,340	\$1,520	\$2,010	\$2,190	\$2,370	\$2,470	\$2,550	\$2,610	\$2,610	\$2,800	\$2,990	\$3,470	\$3,670	\$3,880	\$2,273,570
	TOTAL	\$1,780	\$2,030	\$2,640	\$2,950	\$3,260	\$3,420	\$3,550	\$3,660	\$3,660	\$3,970	\$4,410	\$5,540	\$5,890	\$6,260	\$3,510,150
AH	BASIN	\$1,100	\$1,260	\$1,580	\$1,880	\$2,200	\$2,360	\$2,480	\$2,600	\$2,600	\$2,910	\$3,540	\$5,140	\$5,510	\$5,900	\$3,479,440
	PIPE	\$2,060	\$2,320	\$3,080	\$3,350	\$3,640	\$3,780	\$3,910	\$4,010	\$4,010	\$4,300	\$4,590	\$5,330	\$5,630	\$5,940	\$3,742,290
	TOTAL	\$3,160	\$3,580	\$4,660	\$5,230	\$5,840	\$6,140	\$6,390	\$6,610	\$6,610	\$7,210	\$8,130	\$10,470	\$11,140	\$11,840	\$7,221,730
AI	BASIN	\$1,440	\$1,650	\$2,060	\$2,470	\$2,890	\$3,090	\$3,250	\$3,410	\$3,410	\$3,810	\$4,630	\$6,740	\$7,220	\$7,740	\$2,336,450
	PIPE	\$2,570	\$2,900	\$3,860	\$4,190	\$4,550	\$4,730	\$4,880	\$5,010	\$5,010	\$5,370	\$5,730	\$6,660	\$7,040	\$7,430	\$2,734,830
	TOTAL	\$4,010	\$4,550	\$5,920	\$6,660	\$7,440	\$7,820	\$8,130	\$8,420	\$8,420	\$9,180	\$10,360	\$13,400	\$14,260	\$15,170	\$5,071,280
AJ	BASIN	\$1,490	\$1,690	\$2,130	\$2,540	\$2,970	\$3,180	\$3,340	\$3,510	\$3,510	\$3,920	\$4,770	\$6,940	\$7,430	\$7,970	\$1,344,160
	PIPE	\$590	\$670	\$880	\$960	\$1,040	\$1,090	\$1,120	\$1,150	\$1,150	\$1,230	\$1,320	\$1,530	\$1,620	\$1,700	\$433,080
	TOTAL	\$2,080	\$2,360	\$3,010	\$3,500	\$4,010	\$4,270	\$4,460	\$4,660	\$4,660	\$5,150	\$6,090	\$8,470	\$9,050	\$9,670	\$1,777,240
AK	BASIN	\$760	\$870	\$1,090	\$1,310	\$1,530	\$1,640	\$1,720	\$1,800	\$1,800	\$2,020	\$2,450	\$3,570	\$3,820	\$4,100	\$2,329,830
	PIPE	\$1,820	\$2,060	\$2,730	\$2,970	\$3,220	\$3,350	\$3,460	\$3,550	\$3,550	\$3,800	\$4,060	\$4,710	\$4,990	\$5,260	\$4,133,220
	TOTAL	\$2,580	\$2,930	\$3,820	\$4,280	\$4,750	\$4,990	\$5,180	\$5,350	\$5,350	\$5,820	\$6,510	\$8,280	\$8,810	\$9,360	\$6,463,050
AL	BASIN	\$880	\$1,000	\$1,250	\$1,500	\$1,750	\$1,870	\$1,970	\$2,070	\$2,070	\$2,310	\$2,810	\$4,090	\$4,380	\$4,690	\$2,139,050
	PIPE	\$1,680	\$2,120	\$2,820	\$3,060	\$3,320	\$3,460	\$3,570	\$3,660	\$3,660	\$3,920	\$4,190	\$4,860	\$5,150	\$5,430	\$3,514,500
	TOTAL	\$2,760	\$3,120	\$4,070	\$4,560	\$5,070	\$5,330	\$5,540	\$5,730	\$5,730	\$6,230	\$7,000	\$8,950	\$9,530	\$10,120	\$5,653,550
AM	BASIN	\$2,370	\$2,370	\$2,970	\$3,550	\$4,150	\$4,450	\$4,670	\$4,900	\$4,900	\$5,480	\$6,670	\$9,700	\$10,390	\$11,130	\$1,260,966
	PIPE	\$5,950	\$5,950	\$7,900	\$8,590	\$9,330	\$9,700	\$10,010	\$10,280	\$10,280	\$11,010	\$11,750	\$13,650	\$14,440	\$15,230	\$2,886,860
	TOTAL	\$8,320	\$8,320	\$10,870	\$12,140	\$13,480	\$14,150	\$14,680	\$15,180	\$15,180	\$16,490	\$18,420	\$23,350	\$24,830	\$26,360	\$4,147,826

DRAINAGE FEE SCHEDULE FOR ZONE 1: PLANNED LOCAL DRAINAGE AREAS

Area		AE-5, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
AN	BASIN	\$1,340	\$1,520	\$1,910	\$2,290	\$2,670	\$2,860	\$3,010	\$3,150	\$3,150	\$3,530	\$4,290	\$6,240	\$6,680	\$7,170	\$1,888,310
	PIPE	\$1,710	\$1,940	\$2,570	\$2,790	\$3,030	\$3,150	\$3,250	\$3,340	\$3,340	\$3,580	\$3,820	\$4,440	\$4,590	\$4,950	\$2,040,880
	TOTAL	\$3,050	\$3,460	\$4,480	\$5,080	\$5,700	\$6,010	\$6,260	\$6,490	\$6,490	\$7,110	\$8,110	\$10,680	\$11,370	\$12,120	\$3,929,190
AO	BASIN	\$1,330	\$1,510	\$1,900	\$2,270	\$2,650	\$2,840	\$2,980	\$3,120	\$3,130	\$3,500	\$4,260	\$6,190	\$6,630	\$7,110	\$2,387,070
	PIPE	\$3,070	\$3,470	\$4,600	\$5,000	\$5,430	\$5,640	\$5,830	\$5,980	\$5,980	\$6,410	\$6,840	\$7,940	\$8,400	\$8,860	\$4,133,060
	TOTAL	\$4,400	\$4,980	\$6,500	\$7,270	\$8,080	\$8,480	\$8,810	\$9,110	\$9,110	\$9,910	\$11,100	\$14,130	\$15,030	\$15,970	\$6,520,130
AQ	BASIN	\$1,750	\$1,750	\$2,200	\$2,630	\$3,070	\$3,290	\$3,450	\$3,620	\$3,620	\$4,050	\$4,930	\$7,170	\$7,680	\$8,230	\$2,482,069
	PIPE	\$3,670	\$3,670	\$4,870	\$5,300	\$5,750	\$5,980	\$6,170	\$6,340	\$6,340	\$6,790	\$7,240	\$8,410	\$8,900	\$9,390	\$4,414,452
	TOTAL	\$5,420	\$5,420	\$7,070	\$7,930	\$8,820	\$9,270	\$9,620	\$9,960	\$9,960	\$10,840	\$12,170	\$15,580	\$16,580	\$17,620	\$6,896,531
AR	BASIN	\$1,370	\$1,560	\$1,960	\$2,340	\$2,740	\$2,930	\$3,080	\$3,230	\$3,230	\$3,620	\$4,400	\$6,400	\$6,850	\$7,340	\$2,806,570
	PIPE	\$3,820	\$4,320	\$5,730	\$6,220	\$6,760	\$7,030	\$7,260	\$7,450	\$7,450	\$7,980	\$8,520	\$9,890	\$10,460	\$11,040	\$4,846,790
	TOTAL	\$5,190	\$5,880	\$7,690	\$8,560	\$9,500	\$9,960	\$10,340	\$10,680	\$10,680	\$11,600	\$12,920	\$16,290	\$17,310	\$18,380	\$7,653,360
AS	BASIN	\$1,080	\$1,230	\$1,540	\$1,850	\$2,160	\$2,310	\$2,430	\$2,550	\$2,550	\$2,850	\$3,470	\$5,040	\$5,400	\$5,790	\$3,376,140
	PIPE	\$3,260	\$3,690	\$4,890	\$5,320	\$5,770	\$6,000	\$6,200	\$6,360	\$6,360	\$6,820	\$7,270	\$8,450	\$8,940	\$9,430	\$7,213,740
	TOTAL	\$4,340	\$4,920	\$6,430	\$7,170	\$7,930	\$8,310	\$8,630	\$8,910	\$8,910	\$9,670	\$10,740	\$13,490	\$14,340	\$15,220	\$10,589,880
AU	BASIN	\$2,820	\$3,210	\$4,030	\$4,820	\$5,640	\$6,040	\$6,350	\$6,660	\$6,660	\$7,450	\$9,050	\$13,170	\$14,100	\$15,120	\$2,440,610
	PIPE	\$2,760	\$3,120	\$4,140	\$4,500	\$4,890	\$5,080	\$5,250	\$5,390	\$5,390	\$5,770	\$6,160	\$7,150	\$7,570	\$7,980	\$1,956,500
	TOTAL	\$5,580	\$6,330	\$8,170	\$9,320	\$10,530	\$11,120	\$11,600	\$12,050	\$12,050	\$13,220	\$15,210	\$20,320	\$21,670	\$23,100	\$4,397,110
AV	BASIN	\$1,060	\$1,210	\$1,510	\$1,810	\$2,110	\$2,260	\$2,380	\$2,500	\$2,500	\$2,790	\$3,390	\$4,940	\$5,290	\$5,670	\$3,574,160
	PIPE	\$4,350	\$4,910	\$6,520	\$7,090	\$7,700	\$8,000	\$8,260	\$8,480	\$8,480	\$9,090	\$9,700	\$11,260	\$11,910	\$12,570	\$8,325,130
	TOTAL	\$5,410	\$6,120	\$8,030	\$8,900	\$9,810	\$10,260	\$10,640	\$10,980	\$10,980	\$11,880	\$13,090	\$16,200	\$17,200	\$18,240	\$11,899,290
AW1	BASIN	\$950	\$1,090	\$1,360	\$1,630	\$1,910	\$2,040	\$2,150	\$2,250	\$2,250	\$2,520	\$3,060	\$4,450	\$4,770	\$5,110	\$1,403,090
	PIPE	\$4,850	\$5,480	\$7,270	\$7,900	\$8,580	\$8,920	\$9,210	\$9,450	\$9,450	\$10,130	\$10,810	\$12,550	\$13,280	\$14,010	\$3,954,090
	TOTAL	\$5,800	\$6,570	\$8,630	\$9,530	\$10,490	\$10,960	\$11,360	\$11,700	\$11,700	\$12,650	\$13,870	\$17,000	\$18,050	\$19,120	\$5,357,180
AW2	BASIN	\$720	\$830	\$1,040	\$1,240	\$1,450	\$1,550	\$1,630	\$1,710	\$1,710	\$1,910	\$2,320	\$3,380	\$3,620	\$3,880	\$1,124,260
	PIPE	\$990	\$1,120	\$1,480	\$1,610	\$1,750	\$1,820	\$1,880	\$1,930	\$1,930	\$2,060	\$2,200	\$2,560	\$2,710	\$2,860	\$850,940
	TOTAL	\$1,710	\$1,950	\$2,520	\$2,850	\$3,200	\$3,370	\$3,510	\$3,640	\$3,640	\$3,970	\$4,520	\$5,940	\$6,330	\$6,740	\$1,975,200
AX	BASIN	\$1,290	\$1,470	\$1,850	\$2,210	\$2,590	\$2,770	\$2,910	\$3,050	\$3,050	\$3,420	\$4,150	\$6,040	\$6,470	\$6,930	\$2,047,230
	PIPE	\$2,220	\$2,510	\$3,330	\$3,620	\$3,930	\$4,080	\$4,220	\$4,330	\$4,330	\$4,640	\$4,950	\$5,750	\$6,080	\$6,410	\$1,947,650
	TOTAL	\$3,510	\$3,980	\$5,180	\$5,830	\$6,520	\$6,850	\$7,130	\$7,380	\$7,380	\$8,060	\$9,100	\$11,790	\$12,550	\$13,340	\$3,994,880
AY	BASIN	\$1,440	\$1,640	\$2,060	\$2,460	\$2,880	\$3,080	\$3,240	\$3,400	\$3,400	\$3,800	\$4,620	\$6,730	\$7,200	\$7,720	\$2,626,250
	PIPE	\$1,870	\$2,110	\$2,800	\$3,040	\$3,300	\$3,430	\$3,540	\$3,640	\$3,640	\$3,900	\$4,160	\$4,830	\$5,110	\$5,390	\$1,885,870
	TOTAL	\$3,310	\$3,750	\$4,860	\$5,500	\$6,180	\$6,510	\$6,780	\$7,040	\$7,040	\$7,700	\$8,780	\$11,560	\$12,310	\$13,110	\$4,512,120
AZ	BASIN	\$470	\$530	\$670	\$800	\$930	\$1,000	\$1,050	\$1,100	\$1,100	\$1,230	\$1,500	\$2,180	\$2,330	\$2,500	\$1,246,020
	PIPE	\$1,740	\$1,960	\$2,610	\$2,830	\$3,080	\$3,200	\$3,300	\$3,390	\$3,390	\$3,630	\$3,870	\$4,500	\$4,760	\$5,020	\$2,699,370
	TOTAL	\$2,210	\$2,490	\$3,280	\$3,630	\$4,010	\$4,200	\$4,350	\$4,490	\$4,490	\$4,860	\$5,370	\$6,680	\$7,090	\$7,520	\$3,945,390
BC	BASIN	\$1,610	\$1,830	\$2,300	\$2,750	\$3,220	\$3,440	\$3,620	\$3,800	\$3,800	\$4,250	\$5,170	\$7,520	\$8,050	\$8,630	\$4,386,809
	PIPE	\$2,620	\$2,960	\$3,930	\$4,270	\$4,630	\$4,820	\$4,970	\$5,100	\$5,100	\$5,470	\$5,840	\$6,780	\$7,170	\$7,570	\$5,620,988
	TOTAL	\$4,230	\$4,790	\$6,230	\$7,020	\$7,850	\$8,260	\$8,590	\$8,900	\$8,900	\$9,720	\$11,010	\$14,300	\$15,220	\$16,200	\$10,007,797

DRAINAGE FEE SCHEDULE FOR ZONE 1: PLANNED LOCAL DRAINAGE AREAS

Area		AE-5, A-L, O	A1, A2, RR	R-1-E, R-1-EN, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
BD	BASIN	\$1,110	\$1,260	\$1,590	\$1,900	\$2,220	\$2,370	\$2,500	\$2,620	\$2,620	\$2,930	\$3,560	\$5,180	\$5,550	\$5,950	\$1,840,680
	PIPE	\$2,120	\$2,400	\$3,180	\$3,460	\$3,750	\$3,900	\$4,030	\$4,130	\$4,130	\$4,730	\$5,490	\$5,810	\$6,130	\$6,357,880	
	TOTAL	\$3,230	\$3,660	\$4,770	\$5,360	\$5,970	\$6,270	\$6,530	\$6,750	\$6,750	\$7,360	\$8,290	\$10,670	\$11,360	\$12,080	\$4,198,560
BE	BASIN	\$1,180	\$1,350	\$1,690	\$2,030	\$2,370	\$2,540	\$2,670	\$2,800	\$2,800	\$3,130	\$3,800	\$5,530	\$5,920	\$6,350	\$1,085,590
	PIPE	\$1,590	\$1,790	\$2,380	\$2,580	\$2,810	\$2,920	\$3,010	\$3,090	\$3,090	\$3,310	\$3,540	\$4,110	\$4,340	\$4,580	\$1,244,830
	TOTAL	\$2,770	\$3,140	\$4,070	\$4,610	\$5,180	\$5,460	\$5,680	\$5,890	\$5,890	\$6,440	\$7,340	\$9,640	\$10,260	\$10,930	\$2,330,420
BF	BASIN	\$1,650	\$1,880	\$2,350	\$2,810	\$3,290	\$3,520	\$3,700	\$3,880	\$3,880	\$4,340	\$5,280	\$7,680	\$8,230	\$8,820	\$1,418,810
	PIPE	\$1,120	\$1,260	\$1,680	\$1,820	\$1,980	\$2,060	\$2,130	\$2,180	\$2,180	\$2,340	\$2,500	\$2,900	\$3,070	\$3,230	\$784,970
	TOTAL	\$2,770	\$3,140	\$4,030	\$4,630	\$5,270	\$5,580	\$5,830	\$6,060	\$6,060	\$6,680	\$7,780	\$10,580	\$11,300	\$12,050	\$2,203,780
BG	BASIN	\$1,430	\$1,630	\$2,040	\$2,440	\$2,850	\$3,050	\$3,210	\$3,360	\$3,360	\$3,760	\$4,580	\$6,660	\$7,130	\$7,640	\$3,294,140
	PIPE	\$2,440	\$2,750	\$3,650	\$3,970	\$4,310	\$4,480	\$4,630	\$4,750	\$4,750	\$5,090	\$5,430	\$6,310	\$6,680	\$7,040	\$3,795,220
	TOTAL	\$3,870	\$4,380	\$5,690	\$6,410	\$7,160	\$7,530	\$7,840	\$8,110	\$8,110	\$8,850	\$10,010	\$12,970	\$13,810	\$14,680	\$7,089,360
BH	BASIN	\$890	\$1,010	\$1,270	\$1,510	\$1,770	\$1,890	\$1,990	\$2,090	\$2,090	\$2,340	\$2,840	\$4,130	\$4,430	\$4,740	\$1,751,900
	PIPE	\$3,010	\$3,400	\$4,510	\$4,910	\$5,330	\$5,540	\$5,720	\$5,870	\$5,870	\$6,290	\$6,710	\$7,800	\$8,250	\$8,700	\$5,266,000
	TOTAL	\$3,900	\$4,410	\$5,780	\$6,420	\$7,100	\$7,430	\$7,710	\$7,960	\$7,960	\$8,630	\$9,550	\$11,930	\$12,680	\$13,440	\$7,017,900
BJ	BASIN	\$690	\$780	\$980	\$1,180	\$1,380	\$1,470	\$1,550	\$1,620	\$1,620	\$1,820	\$2,210	\$3,210	\$3,440	\$3,690	\$856,090
	PIPE	\$2,250	\$2,540	\$3,370	\$3,670	\$3,980	\$4,140	\$4,270	\$4,390	\$4,390	\$4,700	\$5,020	\$5,830	\$6,160	\$6,500	\$1,548,230
	TOTAL	\$2,940	\$3,320	\$4,350	\$4,850	\$5,360	\$5,610	\$5,820	\$6,010	\$6,010	\$6,520	\$7,230	\$9,040	\$9,600	\$10,190	\$2,404,320
BK	BASIN	\$1,700	\$1,940	\$2,430	\$2,910	\$3,410	\$3,640	\$3,830	\$4,020	\$4,020	\$4,490	\$5,470	\$7,950	\$8,510	\$9,130	\$1,735,600
	PIPE	\$2,000	\$2,260	\$3,000	\$3,250	\$3,530	\$3,670	\$3,790	\$3,890	\$3,890	\$4,170	\$4,450	\$5,170	\$5,470	\$5,770	\$1,296,270
	TOTAL	\$3,700	\$4,200	\$5,430	\$6,160	\$6,940	\$7,310	\$7,620	\$7,910	\$7,910	\$8,660	\$9,920	\$13,120	\$13,980	\$14,900	\$3,031,870
BL	BASIN	\$1,320	\$1,510	\$1,890	\$2,260	\$2,650	\$2,830	\$2,980	\$3,130	\$3,130	\$3,500	\$4,250	\$6,190	\$6,620	\$7,100	\$3,719,340
	PIPE	\$3,220	\$3,640	\$4,830	\$5,240	\$5,700	\$5,920	\$6,110	\$6,270	\$6,270	\$6,720	\$7,180	\$8,330	\$8,820	\$9,300	\$5,776,030
	TOTAL	\$4,540	\$5,150	\$6,720	\$7,500	\$8,350	\$8,750	\$9,090	\$9,400	\$9,400	\$10,220	\$11,430	\$14,520	\$15,440	\$16,400	\$9,495,370
BM	BASIN	\$650	\$740	\$930	\$1,110	\$1,300	\$1,390	\$1,460	\$1,540	\$1,540	\$1,720	\$2,090	\$3,040	\$3,250	\$3,490	\$2,652,540
	PIPE	\$3,310	\$3,740	\$4,970	\$5,400	\$5,860	\$6,090	\$6,290	\$6,460	\$6,460	\$6,920	\$7,380	\$8,580	\$9,070	\$9,570	\$9,969,040
	TOTAL	\$3,960	\$4,480	\$5,900	\$6,510	\$7,160	\$7,480	\$7,750	\$8,000	\$8,000	\$8,640	\$9,470	\$11,620	\$12,320	\$13,060	\$12,621,580
BO	BASIN	\$1,090	\$1,250	\$1,560	\$1,870	\$2,190	\$2,340	\$2,460	\$2,580	\$2,580	\$2,890	\$3,510	\$5,110	\$5,470	\$5,870	\$1,016,954
	PIPE	\$2,220	\$2,510	\$3,330	\$3,620	\$3,930	\$4,090	\$4,220	\$4,330	\$4,330	\$4,640	\$4,950	\$5,750	\$6,090	\$6,420	\$1,588,183
	TOTAL	\$3,310	\$3,760	\$4,890	\$5,490	\$6,120	\$6,430	\$6,680	\$6,910	\$6,910	\$7,530	\$8,460	\$10,860	\$11,560	\$12,290	\$2,605,137
BP	BASIN	\$2,650	\$3,020	\$3,790	\$4,530	\$5,300	\$5,670	\$5,970	\$6,260	\$6,260	\$7,000	\$8,510	\$12,380	\$13,260	\$14,210	\$1,740,120
	PIPE	\$2,690	\$3,040	\$4,040	\$4,390	\$4,760	\$4,950	\$5,110	\$5,250	\$5,250	\$5,630	\$6,000	\$6,970	\$7,380	\$7,780	\$979,880
	TOTAL	\$5,340	\$6,060	\$7,830	\$8,920	\$10,060	\$10,620	\$11,080	\$11,510	\$11,510	\$12,630	\$14,510	\$19,350	\$20,640	\$21,990	\$2,720,000
BQ	BASIN	\$1,110	\$1,260	\$1,580	\$1,890	\$2,220	\$2,370	\$2,490	\$2,610	\$2,610	\$2,920	\$3,560	\$5,170	\$5,540	\$5,940	\$2,168,110
	PIPE	\$2,850	\$3,220	\$4,280	\$4,650	\$5,050	\$5,240	\$5,420	\$5,560	\$5,560	\$5,960	\$6,360	\$7,380	\$7,810	\$8,240	\$3,562,850
	TOTAL	\$3,960	\$4,480	\$5,860	\$6,540	\$7,270	\$7,610	\$7,910	\$8,170	\$8,170	\$8,880	\$9,920	\$12,550	\$13,350	\$14,180	\$5,730,960
BR	BASIN	\$1,740	\$1,980	\$2,480	\$2,970	\$3,470	\$3,720	\$3,910	\$4,100	\$4,100	\$4,580	\$5,570	\$8,110	\$8,680	\$9,310	\$2,214,270
	PIPE	\$2,350	\$2,650	\$3,520	\$3,820	\$4,150	\$4,320	\$4,460	\$4,570	\$4,570	\$4,900	\$5,230	\$6,080	\$6,430	\$6,780	\$1,659,050
	TOTAL	\$4,090	\$4,630	\$6,000	\$6,790	\$7,620	\$8,040	\$8,370	\$8,670	\$8,670	\$9,480	\$10,800	\$14,190	\$15,110	\$16,090	\$3,873,320

DRAINAGE FEE SCHEDULE FOR ZONE 1: PLANNED LOCAL DRAINAGE AREAS

Area		AE-S, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
BS	BASIN	\$1,230	\$1,400	\$1,760	\$2,100	\$2,460	\$2,630	\$2,770	\$2,910	\$2,910	\$3,250	\$3,950	\$5,750	\$6,150	\$6,600	\$3,736,510
	PIPE	\$3,990	\$4,510	\$5,990	\$6,510	\$7,070	\$7,350	\$7,590	\$7,790	\$7,790	\$8,350	\$8,900	\$10,340	\$10,940	\$11,540	\$8,884,650
	TOTAL	\$5,220	\$5,910	\$7,750	\$8,610	\$9,530	\$9,980	\$10,360	\$10,700	\$10,700	\$11,600	\$12,850	\$16,090	\$17,090	\$18,140	\$12,621,160
BT	BASIN	\$1,910	\$2,180	\$2,740	\$3,270	\$3,830	\$4,090	\$4,300	\$4,510	\$4,510	\$5,050	\$6,140	\$8,930	\$9,570	\$10,250	\$4,020,360
	PIPE	\$3,400	\$3,840	\$5,100	\$5,540	\$6,010	\$6,250	\$6,460	\$6,630	\$6,630	\$7,100	\$7,580	\$8,800	\$9,310	\$9,820	\$6,300,720
	TOTAL	\$5,310	\$6,020	\$7,840	\$8,810	\$9,840	\$10,340	\$10,760	\$11,140	\$11,140	\$12,150	\$13,720	\$17,730	\$18,880	\$20,070	\$10,321,080
BU	BASIN	\$400	\$450	\$570	\$680	\$800	\$850	\$900	\$940	\$940	\$1,050	\$1,280	\$1,860	\$1,990	\$2,130	\$1,790,200
	PIPE	\$1,380	\$1,560	\$2,080	\$2,260	\$2,450	\$2,550	\$2,630	\$2,700	\$2,700	\$2,890	\$3,090	\$3,580	\$3,790	\$4,000	\$3,647,720
	TOTAL	\$1,780	\$2,010	\$2,650	\$2,940	\$3,250	\$3,400	\$3,530	\$3,640	\$3,640	\$3,940	\$4,370	\$5,440	\$5,780	\$6,130	\$5,437,920
BV	BASIN	\$750	\$850	\$1,070	\$1,280	\$1,490	\$1,600	\$1,680	\$1,760	\$1,760	\$1,970	\$2,400	\$3,490	\$3,730	\$4,000	\$999,921
	PIPE	\$2,440	\$2,760	\$3,670	\$4,330	\$4,980	\$5,400	\$5,840	\$6,260	\$6,260	\$6,890	\$7,540	\$9,430	\$10,060	\$10,690	\$9,807,417
	TOTAL	\$3,190	\$3,610	\$4,740	\$5,260	\$5,820	\$6,100	\$6,320	\$6,520	\$6,520	\$7,080	\$7,850	\$9,820	\$10,430	\$11,060	\$3,807,338
BW	BASIN	\$970	\$1,110	\$1,390	\$1,660	\$1,940	\$2,080	\$2,190	\$2,300	\$2,300	\$2,570	\$3,120	\$4,540	\$4,860	\$5,210	\$1,211,930
	PIPE	\$1,090	\$1,240	\$1,640	\$1,780	\$1,940	\$2,010	\$2,080	\$2,130	\$2,130	\$2,290	\$2,440	\$2,830	\$3,000	\$3,160	\$1,082,900
	TOTAL	\$2,060	\$2,350	\$3,030	\$3,440	\$3,880	\$4,090	\$4,270	\$4,430	\$4,430	\$4,860	\$5,560	\$7,370	\$7,860	\$8,370	\$2,294,830
BX	BASIN	\$2,130	\$2,130	\$2,670	\$3,200	\$3,740	\$4,000	\$4,210	\$4,410	\$4,410	\$4,930	\$6,000	\$8,730	\$9,350	\$10,020	\$7,690,715
	PIPE	\$2,660	\$2,660	\$3,530	\$3,840	\$4,160	\$4,330	\$4,470	\$4,590	\$4,590	\$4,920	\$5,250	\$6,090	\$6,450	\$6,800	\$8,068,477
	TOTAL	\$4,790	\$4,790	\$6,200	\$7,040	\$7,900	\$8,330	\$8,680	\$9,000	\$9,000	\$9,850	\$11,250	\$14,820	\$15,800	\$16,820	\$15,759,192
*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 2008-590 adopted December 17, 2008.																
BY1	BASIN	\$840	\$960	\$1,200	\$1,440	\$1,680	\$1,800	\$1,890	\$1,980	\$1,980	\$2,220	\$2,690	\$3,920	\$4,200	\$4,500	\$2,309,150
	PIPE	\$580	\$660	\$880	\$950	\$1,030	\$1,070	\$1,110	\$1,140	\$1,140	\$1,220	\$1,300	\$1,600	\$1,690	\$1,780	\$1,581,250
	TOTAL	\$1,420	\$1,620	\$2,080	\$2,390	\$2,710	\$2,870	\$3,000	\$3,120	\$3,120	\$3,440	\$3,990	\$5,430	\$5,890	\$6,190	\$3,890,390
BY2	BASIN	\$1,540	\$1,760	\$2,210	\$2,640	\$3,080	\$3,300	\$3,470	\$3,640	\$3,640	\$4,070	\$4,950	\$7,200	\$7,710	\$8,270	\$3,650,760
	PIPE	\$4,150	\$4,690	\$6,220	\$6,760	\$7,340	\$7,630	\$7,880	\$8,090	\$8,090	\$8,670	\$9,250	\$10,740	\$11,360	\$11,980	\$8,193,890
	TOTAL	\$5,690	\$6,450	\$8,430	\$9,400	\$10,420	\$10,930	\$11,350	\$11,730	\$11,730	\$12,740	\$14,200	\$17,940	\$19,070	\$20,250	\$11,844,650
BZ	BASIN	\$1,840	\$2,100	\$2,640	\$3,150	\$3,690	\$3,940	\$4,150	\$4,350	\$4,350	\$4,870	\$5,920	\$8,610	\$9,220	\$9,880	\$2,324,242
	PIPE	\$2,630	\$2,970	\$3,950	\$4,290	\$4,660	\$4,840	\$5,000	\$5,130	\$5,130	\$5,500	\$5,870	\$6,820	\$7,210	\$7,610	\$2,834,949
	TOTAL	\$4,470	\$5,070	\$6,590	\$7,440	\$8,350	\$8,780	\$9,150	\$9,480	\$9,480	\$10,370	\$11,790	\$15,430	\$16,430	\$17,490	\$5,159,191
CD	BASIN	\$1,650	\$1,880	\$2,360	\$2,820	\$3,300	\$3,530	\$3,710	\$3,890	\$3,890	\$4,350	\$5,290	\$7,700	\$8,250	\$8,840	\$2,577,780
	PIPE	\$3,190	\$3,610	\$4,790	\$5,200	\$5,650	\$5,870	\$6,060	\$6,220	\$6,220	\$6,670	\$7,120	\$8,270	\$8,750	\$9,220	\$3,848,000
	TOTAL	\$4,840	\$5,490	\$7,150	\$8,020	\$8,950	\$9,400	\$9,770	\$10,110	\$10,110	\$11,020	\$12,410	\$15,970	\$17,000	\$18,060	\$6,425,780
CE	BASIN	\$960	\$1,090	\$1,370	\$1,640	\$1,920	\$2,050	\$2,160	\$2,270	\$2,270	\$2,530	\$3,080	\$4,480	\$4,800	\$5,140	\$2,837,320
	PIPE	\$3,780	\$4,270	\$5,660	\$6,150	\$6,680	\$6,950	\$7,170	\$7,360	\$7,360	\$7,890	\$8,420	\$9,780	\$10,350	\$10,910	\$6,190,690
	TOTAL	\$4,740	\$5,360	\$7,030	\$7,790	\$8,600	\$9,000	\$9,330	\$9,630	\$9,630	\$10,420	\$11,500	\$14,260	\$15,150	\$16,050	\$9,028,010
CF	BASIN	\$680	\$780	\$970	\$1,160	\$1,360	\$1,460	\$1,530	\$1,600	\$1,600	\$1,800	\$2,180	\$3,180	\$3,400	\$3,650	\$2,094,540
	PIPE	\$3,630	\$4,110	\$5,450	\$5,920	\$6,430	\$6,690	\$6,900	\$7,090	\$7,090	\$7,590	\$8,100	\$9,410	\$9,960	\$10,500	\$6,207,040
	TOTAL	\$4,310	\$4,890	\$6,420	\$7,080	\$7,790	\$8,150	\$8,430	\$8,690	\$8,690	\$9,390	\$10,280	\$12,590	\$13,360	\$14,150	\$8,301,580
CG	BASIN	\$2,020	\$2,310	\$2,890	\$3,460	\$4,050	\$4,330	\$4,550	\$4,770	\$4,770	\$5,340	\$6,490	\$9,450	\$10,120	\$10,840	\$3,819,720
	PIPE	\$3,420	\$3,860	\$5,130	\$5,570	\$6,050	\$6,290	\$6,500	\$6,670	\$6,670	\$7,150	\$7,630	\$8,860	\$9,370	\$9,880	\$5,396,070
	TOTAL	\$5,440	\$6,170	\$8,020	\$9,030	\$10,100	\$10,620	\$11,050	\$11,440	\$11,440	\$12,490	\$14,120	\$18,310	\$19,490	\$20,720	\$9,215,790

DRAINAGE FEE SCHEDULE FOR ZONE 1: PLANNED LOCAL DRAINAGE AREAS

Area	AE-S, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
CH	BASIN	\$1,420	\$1,620	\$2,030	\$2,430	\$2,840	\$3,040	\$3,200	\$3,350	\$3,350	\$3,750	\$4,560	\$6,640	\$7,620	\$2,756,970
	PIPE	\$4,230	\$4,780	\$6,350	\$6,900	\$7,490	\$7,780	\$8,040	\$8,250	\$8,250	\$8,840	\$9,430	\$10,960	\$11,590	\$6,890,680
	TOTAL	\$5,650	\$6,400	\$8,380	\$9,330	\$10,330	\$10,820	\$11,240	\$11,600	\$11,600	\$12,590	\$13,990	\$17,600	\$18,700	\$9,647,650
CI	BASIN	\$1,460	\$1,660	\$2,080	\$2,490	\$2,910	\$3,120	\$3,280	\$3,440	\$3,440	\$3,850	\$4,680	\$6,810	\$7,290	\$1,428,100
	PIPE	\$2,990	\$3,380	\$4,490	\$4,870	\$5,290	\$5,500	\$5,680	\$5,830	\$5,830	\$6,250	\$6,670	\$7,740	\$8,190	\$2,444,720
	TOTAL	\$4,450	\$5,040	\$6,570	\$7,360	\$8,200	\$8,620	\$8,960	\$9,270	\$9,270	\$10,100	\$11,350	\$14,550	\$15,480	\$3,872,820
CJ	BASIN	\$2,130	\$2,420	\$3,040	\$3,640	\$4,250	\$4,550	\$4,790	\$5,020	\$5,020	\$5,610	\$6,830	\$9,930	\$10,630	\$4,046,710
	PIPE	\$3,100	\$3,510	\$4,660	\$5,060	\$5,500	\$5,710	\$5,900	\$6,050	\$6,050	\$6,490	\$6,920	\$8,040	\$8,510	\$5,011,360
	TOTAL	\$5,230	\$5,930	\$7,700	\$8,700	\$9,750	\$10,260	\$10,690	\$11,070	\$11,070	\$12,100	\$13,750	\$17,970	\$19,140	\$9,058,070
CK	BASIN	\$1,630	\$1,860	\$2,340	\$2,790	\$3,270	\$3,490	\$3,670	\$3,850	\$3,850	\$4,310	\$5,240	\$7,630	\$8,170	\$2,542,270
	PIPE	\$3,420	\$3,870	\$5,140	\$5,580	\$6,060	\$6,300	\$6,510	\$6,680	\$6,680	\$7,160	\$7,640	\$8,870	\$9,380	\$4,510,290
	TOTAL	\$5,050	\$5,730	\$7,480	\$8,370	\$9,330	\$9,790	\$10,180	\$10,530	\$10,530	\$11,470	\$12,880	\$16,500	\$17,550	\$7,052,560
CL	BASIN	\$770	\$880	\$1,100	\$1,310	\$1,540	\$1,640	\$1,730	\$1,810	\$1,810	\$2,030	\$2,470	\$3,590	\$3,840	\$2,007,780
	PIPE	\$1,130	\$1,280	\$1,690	\$1,840	\$2,000	\$2,080	\$2,150	\$2,200	\$2,200	\$2,360	\$2,520	\$2,920	\$3,090	\$2,144,570
	TOTAL	\$1,900	\$2,160	\$2,790	\$3,150	\$3,540	\$3,720	\$3,880	\$4,010	\$4,010	\$4,390	\$4,990	\$6,510	\$6,930	\$4,152,350
CM	BASIN	\$300	\$340	\$430	\$510	\$600	\$640	\$670	\$700	\$700	\$790	\$960	\$1,390	\$1,490	\$778,490
	PIPE	\$730	\$820	\$1,090	\$1,190	\$1,290	\$1,340	\$1,380	\$1,420	\$1,420	\$1,520	\$1,620	\$1,890	\$2,000	\$1,247,040
	TOTAL	\$1,030	\$1,160	\$1,520	\$1,700	\$1,890	\$1,980	\$2,050	\$2,120	\$2,120	\$2,310	\$2,580	\$3,280	\$3,490	\$2,025,530
*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 1228 adopted October 10, 1983															
CN	BASIN	\$180	\$210	\$260	\$310	\$360	\$390	\$410	\$430	\$430	\$480	\$580	\$910	\$970	\$597,930
	PIPE	\$880	\$990	\$1,310	\$1,430	\$1,550	\$1,610	\$1,660	\$1,710	\$1,710	\$1,830	\$1,950	\$2,270	\$2,400	\$1,802,660
	TOTAL	\$1,060	\$1,200	\$1,570	\$1,740	\$1,910	\$2,000	\$2,070	\$2,140	\$2,140	\$2,310	\$2,530	\$3,120	\$3,310	\$2,400,590
*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 1159 adopted September 14, 1981.															
CO1	BASIN	\$530	\$600	\$750	\$900	\$1,050	\$1,130	\$1,180	\$1,240	\$1,240	\$1,390	\$1,690	\$2,460	\$2,630	\$446,571
	PIPE	\$1,640	\$1,850	\$2,460	\$2,670	\$2,900	\$3,020	\$3,120	\$3,200	\$3,200	\$3,430	\$3,660	\$4,250	\$4,490	\$1,191,940
	TOTAL	\$2,170	\$2,450	\$3,210	\$3,570	\$3,950	\$4,150	\$4,300	\$4,440	\$4,440	\$4,820	\$5,350	\$6,710	\$7,120	\$1,638,511
CP	BASIN	\$2,560	\$2,920	\$3,660	\$4,380	\$5,120	\$5,480	\$5,760	\$6,050	\$6,050	\$6,760	\$8,220	\$11,960	\$12,810	\$1,988,200
	PIPE	\$3,980	\$4,500	\$5,970	\$6,490	\$7,040	\$7,320	\$7,560	\$7,760	\$7,760	\$8,320	\$8,880	\$10,310	\$10,910	\$2,454,770
	TOTAL	\$6,540	\$7,420	\$9,630	\$10,870	\$12,160	\$12,800	\$13,320	\$13,810	\$13,810	\$15,080	\$17,100	\$22,270	\$23,720	\$4,442,970
CQ	BASIN	\$2,180	\$2,490	\$3,120	\$3,730	\$4,360	\$4,670	\$4,910	\$5,150	\$5,150	\$5,760	\$7,000	\$10,180	\$10,900	\$2,316,260
	PIPE	\$3,210	\$3,620	\$4,810	\$5,230	\$5,680	\$5,900	\$6,090	\$6,250	\$6,250	\$6,700	\$7,150	\$8,300	\$8,790	\$2,554,480
	TOTAL	\$5,390	\$6,110	\$7,930	\$8,960	\$10,040	\$10,570	\$11,000	\$11,400	\$11,400	\$12,460	\$14,150	\$18,480	\$19,690	\$4,870,740
CS	BASIN	\$490	\$560	\$700	\$840	\$980	\$1,050	\$1,110	\$1,160	\$1,160	\$1,300	\$1,580	\$2,300	\$2,460	\$1,926,400
	PIPE	\$2,670	\$3,020	\$4,010	\$4,350	\$4,730	\$4,910	\$5,070	\$5,210	\$5,210	\$5,580	\$5,960	\$6,920	\$7,320	\$5,796,190
	TOTAL	\$3,160	\$3,580	\$4,710	\$5,190	\$5,710	\$5,960	\$6,180	\$6,370	\$6,370	\$6,880	\$7,540	\$9,220	\$9,780	\$7,722,590
CU	BASIN	\$1,270	\$1,440	\$1,810	\$2,160	\$2,530	\$2,710	\$2,850	\$2,990	\$2,990	\$3,340	\$4,060	\$5,910	\$6,330	\$1,849,140
	PIPE	\$2,290	\$2,590	\$3,440	\$3,740	\$4,060	\$4,220	\$4,360	\$4,470	\$4,470	\$4,790	\$5,110	\$5,940	\$6,280	\$1,857,680
	TOTAL	\$3,560	\$4,030	\$5,250	\$5,900	\$6,590	\$6,930	\$7,210	\$7,460	\$7,460	\$8,130	\$9,170	\$11,850	\$12,610	\$3,706,820
CV	BASIN	\$1,010	\$1,150	\$1,450	\$1,730	\$2,020	\$2,160	\$2,280	\$2,390	\$2,390	\$2,670	\$3,250	\$4,720	\$5,060	\$1,588,000
	PIPE	\$860	\$970	\$1,290	\$1,410	\$1,530	\$1,590	\$1,640	\$1,680	\$1,680	\$1,800	\$1,920	\$2,230	\$2,360	\$751,080
	TOTAL	\$1,870	\$2,120	\$2,740	\$3,140	\$3,550	\$3,750	\$3,920	\$4,070	\$4,070	\$4,470	\$5,170	\$6,950	\$7,420	\$2,339,080

DRAINAGE FEE SCHEDULE FOR ZONE 1: PLANNED LOCAL DRAINAGE AREAS

Area		AE-5, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
CW	BASIN	\$530	\$600	\$760	\$900	\$1,060	\$1,130	\$1,190	\$1,250	\$1,250	\$1,400	\$1,700	\$2,470	\$2,650	\$2,840	\$1,325,139
	PIPE	\$620	\$700	\$920	\$1,000	\$1,090	\$1,130	\$1,170	\$1,200	\$1,200	\$1,290	\$1,370	\$1,590	\$1,690	\$1,780	\$1,036,749
	TOTAL	\$1,150	\$1,300	\$1,680	\$1,900	\$2,150	\$2,260	\$2,360	\$2,450	\$2,450	\$2,690	\$3,070	\$4,060	\$4,340	\$4,620	\$2,361,888
CX	BASIN	\$750	\$850	\$1,070	\$1,280	\$1,500	\$1,600	\$1,690	\$1,770	\$1,770	\$1,980	\$2,400	\$3,500	\$3,750	\$4,020	\$1,327,077
	PIPE	\$1,190	\$1,350	\$1,790	\$1,940	\$2,110	\$2,190	\$2,260	\$2,320	\$2,320	\$2,490	\$2,660	\$3,090	\$3,270	\$3,440	\$1,744,171
	TOTAL	\$1,940	\$2,200	\$2,860	\$3,220	\$3,610	\$3,790	\$3,950	\$4,090	\$4,090	\$4,470	\$5,060	\$6,590	\$7,020	\$7,460	\$3,071,248
CY	BASIN	\$650	\$740	\$920	\$1,100	\$1,290	\$1,380	\$1,450	\$1,520	\$1,520	\$1,700	\$2,070	\$3,010	\$3,230	\$3,460	\$971,280
	PIPE	\$1,000	\$1,130	\$1,500	\$1,630	\$1,770	\$1,840	\$1,900	\$1,950	\$1,950	\$2,090	\$2,230	\$2,590	\$2,740	\$2,890	\$1,201,510
	TOTAL	\$1,650	\$1,870	\$2,420	\$2,730	\$3,060	\$3,220	\$3,350	\$3,470	\$3,470	\$3,790	\$4,300	\$5,600	\$5,970	\$6,350	\$2,172,790
CZ	BASIN	\$520	\$590	\$740	\$880	\$1,030	\$1,110	\$1,160	\$1,220	\$1,220	\$1,370	\$1,660	\$2,420	\$2,590	\$2,770	\$1,440,920
	PIPE	\$1,150	\$1,300	\$1,720	\$1,870	\$2,030	\$2,110	\$2,180	\$2,240	\$2,240	\$2,400	\$2,560	\$2,970	\$3,140	\$3,310	\$2,555,610
	TOTAL	\$1,670	\$1,890	\$2,460	\$2,750	\$3,060	\$3,220	\$3,340	\$3,460	\$3,460	\$3,770	\$4,220	\$5,390	\$5,730	\$6,080	\$3,996,530
DE	BASIN	\$1,310	\$1,500	\$1,880	\$2,250	\$2,630	\$2,810	-	-	\$3,100	\$3,470	\$4,220	\$6,140	\$6,570	\$7,040	\$2,464,230
	PIPE	\$2,220	\$2,510	\$3,330	\$3,620	\$3,930	\$4,090	-	-	\$4,330	\$4,640	\$4,950	\$5,750	\$6,080	\$6,420	\$3,333,241
	TOTAL	\$3,530	\$4,010	\$5,210	\$5,870	\$6,560	\$6,900	-	-	\$7,430	\$8,110	\$9,170	\$11,890	\$12,650	\$13,460	\$5,797,471
*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 2006-486 adopted January 25, 2006.																
DF	BASIN	\$570	\$650	\$820	\$970	\$1,140	\$1,220	\$1,280	\$1,350	\$1,350	\$1,510	\$1,830	\$2,660	\$2,850	\$3,060	\$165,172
	PIPE	\$1,070	\$1,210	\$1,610	\$1,750	\$1,900	\$1,970	\$2,040	\$2,090	\$2,090	\$2,240	\$2,390	\$2,780	\$2,940	\$3,100	\$283,883
	TOTAL	\$1,640	\$1,860	\$2,430	\$2,720	\$3,040	\$3,190	\$3,320	\$3,440	\$3,440	\$3,750	\$4,220	\$5,440	\$5,790	\$6,160	\$449,055
DG	BASIN	\$720	\$830	\$1,040	\$1,240	\$1,450	\$1,550	\$1,630	\$1,710	\$1,710	\$1,910	\$2,320	\$3,380	\$3,620	\$3,880	\$447,419
	PIPE	\$1,260	\$1,430	\$1,900	\$2,060	\$2,240	\$2,320	\$2,400	\$2,460	\$2,460	\$2,640	\$2,820	\$3,270	\$3,460	\$3,650	\$720,114
	TOTAL	\$1,980	\$2,260	\$2,940	\$3,300	\$3,690	\$3,870	\$4,030	\$4,170	\$4,170	\$4,550	\$5,140	\$6,650	\$7,080	\$7,530	\$1,167,533
DH	BASIN	\$860	\$980	\$1,230	\$1,470	\$1,720	\$1,840	\$1,930	\$2,030	\$2,030	\$2,270	\$2,760	\$4,010	\$4,290	\$4,600	\$1,590,510
	PIPE	\$960	\$1,080	\$1,440	\$1,560	\$1,690	\$1,760	\$1,820	\$1,870	\$1,870	\$2,000	\$2,130	\$2,480	\$2,620	\$2,770	\$1,109,580
	TOTAL	\$1,820	\$2,060	\$2,670	\$3,030	\$3,410	\$3,600	\$3,750	\$3,900	\$3,900	\$4,270	\$4,890	\$6,490	\$6,910	\$7,370	\$2,700,090
DI	BASIN	\$460	\$520	\$650	\$780	\$920	\$980	\$1,030	\$1,080	\$1,080	\$1,210	\$1,470	\$2,140	\$2,290	\$2,450	\$219,705
	PIPE	\$750	\$850	\$1,120	\$1,220	\$1,330	\$1,380	\$1,420	\$1,460	\$1,460	\$1,570	\$1,670	\$1,940	\$2,050	\$2,170	\$326,191
	TOTAL	\$1,210	\$1,370	\$1,770	\$2,000	\$2,250	\$2,360	\$2,450	\$2,540	\$2,540	\$2,780	\$3,140	\$4,080	\$4,340	\$4,620	\$545,896
DK	BASIN	\$200	\$230	\$290	\$340	\$400	\$430	\$450	\$470	\$470	\$530	\$640	\$930	\$1,000	\$1,070	\$918,510
	PIPE	\$1,390	\$1,570	\$2,090	\$2,270	\$2,460	\$2,560	\$2,650	\$2,710	\$2,710	\$2,910	\$3,100	\$3,610	\$3,810	\$4,020	\$5,401,110
	TOTAL	\$1,590	\$1,800	\$2,380	\$2,610	\$2,860	\$2,990	\$3,100	\$3,180	\$3,180	\$3,440	\$3,740	\$4,540	\$4,810	\$5,090	\$6,319,620
DL	BASIN	\$2,220	\$2,220	\$2,790	\$3,330	\$3,900	\$4,170	\$4,390	\$4,600	\$4,600	\$5,150	\$6,260	\$9,100	\$9,740	\$10,450	\$2,295,553
	PIPE	\$3,090	\$3,090	\$4,100	\$4,450	\$4,840	\$5,030	\$5,190	\$5,330	\$5,330	\$5,710	\$6,090	\$7,080	\$7,480	\$7,890	\$2,766,492
	TOTAL	\$5,310	\$5,310	\$6,890	\$7,780	\$8,740	\$9,200	\$9,580	\$9,930	\$9,930	\$10,860	\$12,350	\$16,180	\$17,220	\$18,340	\$5,062,045
DM	BASIN	\$1,520	\$1,740	\$2,180	\$2,600	\$3,040	\$3,260	\$3,420	\$3,590	\$3,590	\$4,020	\$4,890	\$7,110	\$7,610	\$8,160	\$3,575,530
	PIPE	\$3,900	\$4,410	\$5,850	\$6,350	\$6,900	\$7,170	\$7,410	\$7,600	\$7,600	\$8,150	\$8,690	\$10,100	\$10,680	\$11,270	\$7,757,310
	TOTAL	\$5,420	\$6,150	\$8,030	\$8,950	\$9,940	\$10,430	\$10,830	\$11,190	\$11,190	\$12,170	\$13,580	\$17,210	\$18,290	\$19,430	\$11,332,840
DN	BASIN	\$2,040	\$2,320	\$2,920	\$3,490	\$4,080	\$4,360	\$4,590	\$4,810	\$4,810	\$5,380	\$6,550	\$9,520	\$10,200	\$10,930	\$4,505,120
	PIPE	\$3,350	\$3,790	\$5,030	\$5,460	\$5,930	\$6,170	\$6,370	\$6,530	\$6,530	\$7,000	\$7,470	\$9,680	\$9,180	\$9,680	\$6,269,020
	TOTAL	\$5,390	\$6,110	\$7,950	\$8,950	\$10,010	\$10,530	\$10,960	\$11,340	\$11,340	\$12,380	\$14,020	\$19,200	\$19,380	\$20,610	\$10,774,140

*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 2016-840 adopted January 13, 2016.

DRAINAGE FEE SCHEDULE FOR ZONE 1: PLANNED LOCAL DRAINAGE AREAS

Area		AE-5, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
DO	BASIN	\$1,510	\$1,510	\$1,890	\$2,260	\$2,650	\$2,830	\$2,980	\$3,120	\$3,120	\$3,490	\$4,250	\$6,180	\$6,620	\$7,090	\$3,920,734
	PIPE	\$3,170	\$3,170	\$4,200	\$4,570	\$4,960	\$5,160	\$5,320	\$5,460	\$5,460	\$5,860	\$6,250	\$7,260	\$7,680	\$8,100	\$6,524,973
	TOTAL	\$4,680	\$4,680	\$6,090	\$6,830	\$7,610	\$7,990	\$8,300	\$8,580	\$8,580	\$9,350	\$10,500	\$13,440	\$14,300	\$15,190	\$10,445,707
	*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 2014-806 adopted December 10, 2014.															
DP	BASIN	\$1,330	\$1,520	\$1,900	\$2,270	\$2,660	\$2,850	\$2,990	\$3,140	\$3,140	\$3,510	\$4,270	\$6,210	\$6,650	\$7,130	\$4,998,170
	PIPE	\$4,260	\$4,820	\$6,400	\$6,950	\$7,550	\$7,850	\$8,100	\$8,310	\$8,310	\$8,910	\$9,510	\$11,040	\$11,680	\$12,320	\$11,949,550
	TOTAL	\$5,590	\$6,340	\$8,300	\$9,220	\$10,210	\$10,700	\$11,090	\$11,450	\$11,450	\$12,420	\$13,780	\$17,250	\$18,330	\$19,450	\$16,947,720
DQ	BASIN	\$4,890	\$5,570	\$6,990	\$8,360	\$9,770	\$10,460	\$10,990	\$11,530	\$11,530	\$12,900	\$15,680	\$22,820	\$24,430	\$26,190	\$4,023,780
	PIPE	\$3,760	\$4,250	\$5,640	\$6,130	\$6,660	\$6,920	\$7,140	\$7,330	\$7,330	\$7,860	\$8,380	\$9,740	\$10,300	\$10,870	\$2,678,420
	TOTAL	\$8,650	\$9,820	\$12,630	\$14,490	\$16,430	\$17,380	\$18,130	\$18,860	\$18,860	\$20,760	\$24,060	\$32,560	\$34,730	\$37,060	\$6,702,200
DS	BASIN	\$1,860	\$2,120	\$2,660	\$3,180	\$3,710	\$3,970	\$4,180	\$4,380	\$4,380	\$4,900	\$5,960	\$8,670	\$9,280	\$9,950	\$8,105,540
	PIPE	\$3,590	\$4,060	\$5,380	\$5,850	\$6,350	\$6,600	\$6,820	\$7,000	\$7,000	\$7,500	\$8,000	\$9,290	\$9,830	\$10,370	\$12,669,090
	TOTAL	\$5,450	\$6,180	\$8,040	\$9,030	\$10,060	\$10,570	\$11,000	\$11,380	\$11,380	\$12,400	\$13,960	\$17,960	\$19,110	\$20,320	\$20,774,630
DV	BASIN	\$510	\$580	\$730	\$870	\$1,020	\$1,090	\$1,150	\$1,210	\$1,210	\$1,350	\$1,640	\$2,390	\$2,550	\$2,740	\$1,059,690
	PIPE	\$4,160	\$4,700	\$6,240	\$6,780	\$7,360	\$7,650	\$7,900	\$8,110	\$8,110	\$8,690	\$9,270	\$10,770	\$11,390	\$12,020	\$5,030,260
	TOTAL	\$4,670	\$5,280	\$6,970	\$7,650	\$8,380	\$8,740	\$9,050	\$9,320	\$9,320	\$10,040	\$10,910	\$13,160	\$13,940	\$14,760	\$6,089,950
EF	BASIN	\$1,200	\$1,370	\$1,720	\$2,060	\$2,410	\$2,580	\$2,710	\$2,840	\$2,840	\$3,180	\$3,860	\$5,620	\$6,020	\$6,450	\$2,422,760
	PIPE	\$740	\$840	\$1,110	\$1,210	\$1,320	\$1,370	\$1,410	\$1,450	\$1,450	\$1,550	\$1,660	\$1,920	\$2,040	\$2,150	\$1,177,970
	TOTAL	\$1,940	\$2,210	\$2,830	\$3,270	\$3,730	\$3,950	\$4,120	\$4,290	\$4,290	\$4,730	\$5,520	\$7,540	\$8,060	\$8,600	\$3,600,730
EG	BASIN	\$550	\$630	\$790	\$940	\$1,100	\$1,180	\$1,240	\$1,300	\$1,300	\$1,450	\$1,760	\$2,570	\$2,750	\$2,940	\$1,332,951
	PIPE	\$2,140	\$2,410	\$3,200	\$3,480	\$3,480	\$3,930	\$4,060	\$4,160	\$4,160	\$4,460	\$4,760	\$5,530	\$5,850	\$6,170	\$3,617,089
	TOTAL	\$2,690	\$3,040	\$3,990	\$4,420	\$4,580	\$5,110	\$5,300	\$5,460	\$5,460	\$5,910	\$6,520	\$8,100	\$8,600	\$9,110	\$5,150,040
EH	BASIN	\$1,060	\$1,210	\$1,520	\$1,810	\$2,120	\$2,270	\$2,380	\$2,500	\$2,500	\$2,800	\$3,400	\$4,950	\$5,300	\$5,680	\$3,283,480
	PIPE	\$2,740	\$3,100	\$4,110	\$4,470	\$4,850	\$5,040	\$5,210	\$5,350	\$5,350	\$5,730	\$6,110	\$7,100	\$7,510	\$7,920	\$5,378,100
	TOTAL	\$3,800	\$4,310	\$5,630	\$6,280	\$6,970	\$7,310	\$7,590	\$7,850	\$7,850	\$8,530	\$9,510	\$12,050	\$12,810	\$13,600	\$8,661,580
EI	BASIN	\$2,270	\$2,580	\$3,240	\$3,880	\$4,530	\$4,850	\$5,100	\$5,350	\$5,350	\$5,990	\$7,280	\$10,590	\$11,340	\$12,150	\$1,895,560
	PIPE	\$2,010	\$2,270	\$3,010	\$3,270	\$3,550	\$3,700	\$3,820	\$3,920	\$3,920	\$4,200	\$4,480	\$5,200	\$5,500	\$5,800	\$997,230
	TOTAL	\$4,280	\$4,850	\$6,250	\$7,150	\$8,080	\$8,550	\$8,920	\$9,270	\$9,270	\$10,190	\$11,760	\$15,790	\$16,840	\$17,950	\$2,892,790
EJ	BASIN	\$2,790	\$3,190	\$4,000	\$4,780	\$5,590	\$5,980	\$6,290	\$6,590	\$6,590	\$7,380	\$8,970	\$13,050	\$13,970	\$14,980	\$2,845,960
	PIPE	\$3,110	\$3,520	\$4,670	\$5,080	\$5,510	\$5,730	\$5,920	\$6,070	\$6,070	\$6,510	\$6,940	\$8,070	\$8,530	\$9,000	\$2,739,160
	TOTAL	\$5,900	\$6,710	\$8,670	\$9,860	\$11,100	\$11,710	\$12,210	\$12,660	\$12,660	\$13,890	\$15,910	\$21,120	\$22,500	\$23,980	\$5,585,120
EK	BASIN	\$400	\$450	\$570	\$680	\$800	\$850	\$890	\$940	\$940	\$1,050	\$1,280	\$1,860	\$1,990	\$2,130	\$632,917
	PIPE	\$1,780	\$2,010	\$2,670	\$2,900	\$3,150	\$3,280	\$3,380	\$3,470	\$3,470	\$3,720	\$3,970	\$4,610	\$4,880	\$5,150	\$2,364,726
	TOTAL	\$2,180	\$2,460	\$3,240	\$3,580	\$3,950	\$4,130	\$4,270	\$4,410	\$4,410	\$4,770	\$5,250	\$6,470	\$6,870	\$7,280	\$2,997,643
EL	BASIN	\$1,600	\$1,820	\$2,280	\$2,730	\$3,200	\$3,420	\$3,600	\$3,770	\$3,770	\$4,220	\$5,130	\$7,460	\$7,990	\$8,560	\$770,910
	PIPE	\$1,490	\$1,680	\$2,230	\$2,420	\$2,630	\$2,740	\$2,820	\$2,900	\$2,900	\$3,110	\$3,310	\$3,850	\$4,070	\$4,300	\$397,750
	TOTAL	\$3,090	\$3,500	\$4,510	\$5,150	\$5,830	\$6,160	\$6,420	\$6,670	\$6,670	\$7,330	\$8,440	\$11,310	\$12,060	\$12,860	\$1,168,660
EM	BASIN	\$1,490	\$1,700	\$2,130	\$2,550	\$2,980	\$3,190	\$3,350	\$3,520	\$3,520	\$3,930	\$4,780	\$6,960	\$7,450	\$7,990	\$1,944,610
	PIPE	\$2,680	\$3,030	\$4,020	\$4,370	\$4,750	\$4,930	\$5,100	\$5,230	\$5,230	\$5,610	\$5,980	\$6,950	\$7,350	\$7,750	\$2,690,350
	TOTAL	\$4,170	\$4,730	\$6,150	\$6,920	\$7,730	\$8,120	\$8,450	\$8,750	\$8,750	\$9,540	\$10,760	\$13,910	\$14,800	\$15,740	\$4,634,960

DRAINAGE FEE SCHEDULE FOR ZONE 1: PLANNED LOCAL DRAINAGE AREAS

Area		AE-S, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-M	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
EN	BASIN	\$1,430	\$1,630	\$2,040	\$2,440	\$2,860	\$3,060	\$3,210	\$3,370	\$3,370	\$3,770	\$4,580	\$6,670	\$7,140	\$7,660	\$2,114,525
	PIPE	\$4,190	\$4,730	\$6,280	\$6,820	\$7,410	\$7,700	\$7,960	\$8,160	\$8,160	\$8,790	\$9,340	\$10,840	\$11,470	\$12,100	\$5,170,357
	TOTAL	\$5,620	\$6,360	\$8,320	\$9,260	\$10,270	\$10,760	\$11,170	\$11,530	\$11,530	\$12,520	\$13,920	\$17,510	\$18,610	\$19,760	\$7,284,882
EO	BASIN	\$1,350	\$1,540	\$1,930	\$2,310	\$2,700	\$2,890	\$3,040	\$3,190	\$3,190	\$3,570	\$4,340	\$6,310	\$6,750	\$7,240	\$2,182,432
	PIPE	\$3,110	\$3,510	\$4,670	\$5,070	\$5,510	\$5,720	\$5,910	\$6,070	\$6,070	\$6,500	\$6,940	\$8,060	\$8,520	\$8,990	\$4,273,150
	TOTAL	\$4,460	\$5,050	\$6,600	\$7,380	\$8,210	\$8,610	\$8,950	\$9,260	\$9,260	\$10,070	\$11,280	\$14,370	\$15,270	\$16,230	\$6,455,582
NN	BASIN	\$700	\$800	\$1,000	\$1,200	\$1,400	\$1,500	\$1,580	\$1,650	\$1,650	\$1,850	\$2,250	\$3,270	\$3,500	\$3,750	\$1,758,140
	PIPE	\$2,950	\$3,340	\$4,430	\$4,820	\$5,230	\$5,440	\$5,610	\$5,760	\$5,760	\$6,180	\$6,590	\$7,650	\$8,100	\$8,540	\$5,754,110
	TOTAL	\$3,650	\$4,140	\$5,430	\$6,020	\$6,630	\$6,940	\$7,190	\$7,410	\$7,410	\$8,030	\$8,840	\$10,920	\$11,600	\$12,290	\$7,512,250
1G	BASIN	\$1,330	\$1,330	\$1,670	\$1,990	\$2,330	\$2,500	\$2,620	\$2,750	\$2,750	\$3,080	\$3,740	\$5,450	\$5,830	\$6,250	\$1,660,870
	PIPE	\$1,380	\$1,380	\$1,830	\$1,980	\$2,150	\$2,240	\$2,310	\$2,370	\$2,370	\$2,540	\$2,710	\$3,150	\$3,330	\$3,520	\$1,541,159
	TOTAL	\$2,710	\$2,710	\$3,500	\$3,970	\$4,480	\$4,740	\$4,930	\$5,120	\$5,120	\$5,620	\$6,450	\$8,600	\$9,160	\$9,770	\$3,202,029
3G	BASIN	\$2,130	\$2,430	\$3,050	\$3,650	\$4,270	\$4,560	\$4,800	\$5,030	\$5,030	\$5,630	\$6,850	\$9,960	\$10,670	\$11,430	\$4,649,160
	PIPE	\$2,260	\$2,560	\$3,390	\$3,690	\$4,010	\$4,160	\$4,300	\$4,410	\$4,410	\$4,730	\$5,050	\$5,860	\$6,200	\$6,540	\$4,154,740
	TOTAL	\$4,390	\$4,990	\$6,440	\$7,340	\$8,280	\$8,720	\$9,100	\$9,440	\$9,440	\$10,360	\$11,900	\$15,820	\$16,870	\$17,970	\$8,803,900
7C	BASIN	\$1,810	\$1,810	\$2,260	\$2,710	\$3,170	\$3,390	\$3,560	\$3,740	\$3,740	\$4,180	\$5,080	\$7,400	\$7,920	\$8,490	\$3,220,892
	PIPE	\$1,820	\$1,820	\$2,410	\$2,620	\$2,850	\$2,960	\$3,060	\$3,140	\$3,140	\$3,360	\$3,590	\$4,170	\$4,410	\$4,650	\$2,323,081
	TOTAL	\$3,630	\$3,630	\$4,670	\$5,330	\$6,020	\$6,350	\$6,620	\$6,880	\$6,880	\$7,540	\$8,670	\$11,570	\$12,330	\$13,140	\$5,543,973
7D	BASIN	\$1,690	\$1,920	\$2,410	\$2,880	\$3,370	\$3,610	\$3,790	\$3,980	\$3,980	\$4,450	\$5,410	\$7,870	\$8,430	\$9,030	\$2,955,400
	PIPE	\$1,680	\$1,880	\$2,490	\$2,710	\$2,940	\$3,060	\$3,160	\$3,240	\$3,240	\$3,470	\$3,710	\$4,300	\$4,550	\$4,800	\$2,016,120
	TOTAL	\$3,350	\$3,800	\$4,900	\$5,590	\$6,310	\$6,670	\$6,950	\$7,220	\$7,220	\$7,920	\$9,120	\$12,170	\$12,980	\$13,830	\$4,971,520
*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 2005-480 adopted November 16, 2005.																
7H	BASIN	\$1,610	\$1,840	\$2,310	\$2,760	\$3,230	\$3,450	\$3,630	\$3,810	\$3,810	\$4,260	\$5,180	\$7,540	\$8,070	\$8,650	\$3,659,000
	PIPE	\$3,030	\$3,430	\$4,550	\$4,940	\$5,370	\$5,580	\$5,760	\$5,920	\$5,920	\$6,340	\$6,760	\$7,860	\$8,310	\$8,770	\$4,870,870
	TOTAL	\$4,640	\$5,270	\$6,860	\$7,700	\$8,600	\$9,030	\$9,390	\$9,730	\$9,730	\$10,600	\$11,940	\$15,400	\$16,380	\$17,420	\$8,529,870
*Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 2005-480 adopted November 16, 2005.																

DRAINAGE FEE SCHEDULE FOR ZONE 2: PLANNED LOCAL DRAINAGE AREAS

Area	AE-S, A-L, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
Zone 2															
BASIN	\$610	\$700	\$870	\$1,040	\$1,220	\$1,310	\$1,370	\$1,440	\$1,440	\$1,610	\$1,960	\$2,850	\$3,050	\$3,270	\$68,731,015
PIPE	\$1,480	\$1,670	\$2,220	\$2,410	\$2,610	\$2,720	\$2,810	\$2,880	\$2,680	\$3,090	\$3,290	\$3,830	\$4,050	\$4,270	\$116,729,243
TOTAL	\$2,090	\$2,370	\$3,090	\$3,450	\$3,830	\$4,030	\$4,180	\$4,320	\$4,320	\$4,700	\$5,250	\$6,680	\$7,100	\$7,540	\$185,460,258

Planned Local Drainage Areas: Zone 2

Area	Basin Cost	Pipe Cost	Total	Area	Basin Cost	Pipe Cost	Total	Area	Basin Cost	Pipe Cost	Total
A	\$1,919,667	\$1,062,326	\$2,981,993	X	\$1,432,285	\$449,059	\$1,881,344	OO	\$1,561,845	\$722,427	\$2,284,272
B	\$851,913	\$140,986	\$992,899	Y	\$1,038,356	\$2,267,715	\$3,306,071	PP	\$1,274,060	\$1,175,222	\$2,449,282
C	\$479,953	\$319,598	\$799,551	Z	\$1,105,955	\$2,528,057	\$3,634,012 **	RR	\$4,719,275	\$17,602,417	\$22,321,692
D	\$801,394	\$694,153	\$1,495,547	AA	\$941,661	\$1,186,976	\$2,128,637	SS	\$1,811,129	\$2,200,730	\$4,011,859
E	\$616,828	\$226,879	\$843,707	BB	\$469,078	\$822,774	\$1,291,852	TT	\$1,389,683	\$1,441,094	\$2,830,777
F	\$253,137	\$302,016	\$555,153	CC	\$440,132	\$2,085,646	\$2,525,778	UU1	\$474,282	\$769,970	\$1,244,252
G	\$1,123,777	\$157,007	\$1,280,784	CO2	\$874,040	\$1,424,260	\$2,298,300	UU2	\$1,229,583	\$1,683,909	\$2,913,492
H	\$99,858	\$214,682	\$314,540	DD	\$1,642,464	\$7,519,802	\$9,162,266	UU3	\$2,477,959	\$7,192,061	\$9,670,020
I	\$227,828	\$254,359	\$482,187	EE	\$754,118	\$3,356,664	\$4,110,782	VV	\$34,124	\$119,582	\$153,706
J	\$1,504,470	\$346,121	\$1,850,591	FF	\$1,430,542	\$9,484,710	\$10,915,252	WW	\$18,653	\$360,044	\$378,697
K	\$778,589	\$679,595	\$1,458,184	GG	\$1,918,839	\$1,418,733	\$3,337,572	XX	\$1,025,092	\$2,158,267	\$3,183,359
L	\$537,389	\$491,234	\$1,028,623	HH	\$3,185,427	\$4,502,078	\$7,687,505	ZZ	\$2,119,189	\$2,374,123	\$4,493,312
M	\$802,300	\$259,796	\$1,062,096	II1	\$3,757,976	\$16,004,994	\$19,762,970				
N	\$407,405	\$437,326	\$844,731	II2	\$6,544,284	\$1,234,305	\$7,778,589				
O	\$865,371	\$193,195	\$1,058,566	II3	\$1,325,872	\$1,191,807	\$2,517,679				
P	\$669,066	\$278,425	\$947,491	II4	\$1,778,852	\$1,105,876	\$2,884,728				
T	\$1,488,906	\$1,943,916	\$3,432,822	JJ	\$1,579,931	\$3,836,869	\$5,416,800				
U	\$1,020,891	\$658,754	\$1,679,645	KK	\$1,422,053	\$1,491,780	\$2,913,833				
V	\$630,005	\$1,726,395	\$2,356,400	LL	\$1,633,707	\$2,791,939	\$4,425,646				
W	\$1,737,142	\$2,881,294	\$4,618,436	MM	\$504,680	\$957,296	\$1,461,976				

z ** Note: A surcharge fee is in effect in addition to the rates per Board Resolution No. 1386 adopted October 13, 1987.

DRAINAGE FEE SCHEDULE FOR ZONE 3: PLANNED LOCAL DRAINAGE AREAS

Area	AE-5, A-1, O	A1, A2, RR	R-1-E, R-1-EH, R-A	R-1-A, R-1-AH	R-1-B, R-1-C, RE	R-1 40%	R-1 45%	R-1 50%	R-2, M-H	R-3	R-4, T-P	M-1, M-2, M-3, C-R, M-1-P, S-L	C-P, C-M, R-P	C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	Total Cost
Zone 3															
BASIN	\$1,190	\$1,190	\$1,490	\$1,780	\$2,090	\$2,230	\$2,350	\$2,460	\$2,460	\$2,750	\$3,350	\$4,870	\$5,210	\$5,590	\$19,205,863
PIPE	\$1,890	\$1,890	\$2,510	\$2,730	\$2,960	\$3,080	\$3,180	\$3,260	\$3,260	\$3,500	\$3,730	\$4,340	\$4,590	\$4,840	\$22,085,509
TOTAL	\$3,080	\$3,080	\$4,000	\$4,510	\$5,050	\$5,310	\$5,530	\$5,720	\$5,720	\$6,250	\$7,080	\$9,210	\$9,800	\$10,430	\$41,291,372

Planned Local Drainage Areas: Zone 3

Area	Basin Cost	Pipe Cost	Total
Q	\$293,655	\$427,641	\$721,296
S	\$931,088	\$2,124,469	\$3,055,557
1E	\$1,689,187	\$925,282	\$2,614,469
2D	\$618,300	\$1,117,604	\$1,735,904
3A	\$845,790	\$783,260	\$1,629,050
3D	\$1,181,858	\$1,043,289	\$2,225,147
3F	\$862,762	\$1,224,098	\$2,086,860
4B	\$961,583	\$826,244	\$1,787,827
4C	\$1,001,364	\$2,423,300	\$3,424,664
4D	\$3,321,389	\$873,053	\$4,194,442
4E	\$2,420,366	\$2,116,810	\$4,537,176
5B/5C	\$3,311,968	\$2,165,483	\$5,477,451
5F	\$1,274,564	\$1,550,385	\$2,824,949
6D	\$1,303,823	\$1,607,529	\$2,911,352



FRESNO METROPOLITAN FLOOD CONTROL DISTRICT

File 140.3143
210.81

January 24, 2018

Mr. Mike Harrison, Acting City Engineer
City of Clovis
1033 Fifth Street
Clovis, CA 93612

Dear Mr. Harrison,

**Adoption of Resolution Confirming
Schedule of Drainage Costs and Fees**

The drainage ordinances of the District, Cities, and County are, as required by Section 66483 of the Government Code, predicated upon adoption of a Resolution, which identifies the actual (or estimated) cost of the planned drainage facilities. Because the development fees imposed pursuant to the Code Section are the same as these costs, the same Resolution serves as the Schedule of Fees.

On December 13, 2017, the Fresno Metropolitan Flood Control District conducted the prescribed noticed public hearing, in accordance with Government Code Section 6062a, and subsequently approved and adopted the subject schedule of costs. The District provides the required noticing of public hearing to effect the drainage fee update in accordance with law and has in the past suggested that the City may possibly rely on the District notice and hearing, in that they effect the same drainage fee cost schedule, or the City may wish to provide an additional ten (10) day noticing prior to action if it disagrees with this interpretation. No objection to the drainage fee update was presented at the District's hearing.

The District strives to adopt the fees at the end of the year so they become effective beginning in March of each year in accordance with the Ordinance. Section 66017 of the Government Code requires a 60-day period before the rates take effect. Therefore, the drainage fees, with no changes in the rates, become effective on March 1, 2018 based on the District's adoption of the Resolution on December 13, 2017.

ATTACHMENT "B"

Mr. Mike Harrison
Adoption of Resolution Confirming
Schedule of Drainage Costs and Fees
January 24, 2018
Page 2

It is requested that the attached Resolution identifying drainage costs and fees, as provided by the Drainage Fee Ordinance of the City of Clovis, be presented to the City of Clovis Council for adoption at the earliest possible date. To assist in expediting this matter, District staff has attached a Draft Resolution, the system plan summary map (Exhibit "A") and the 2018 Drainage Fee Schedule which should be included in Clovis' Resolution to Council. Also attached is the December 13, 2017 District Board Memorandum, which provides a discussion regarding the adoption of the 2018 Drainage Fee Schedule.

Your assistance is greatly appreciated. If additional information is needed, please contact us.

Very truly yours,



Debbie Campbell
Design Engineer

DC/lrl

Enclosure(s)

c: Luke Serpa, City of Clovis
Mike Prandini, Building Industry Association

MEMORANDUM

File 140.3123, 140.3133, 140.3143

BOARD MEETING: December 13, 2017
AGENDA ITEM NO.: 7.C.
FROM: Peter Sanchez, District Engineer-Assistant General Manager
SUBJECT: Storm Drainage Master Plan and Drainage Fee Schedule Update:

1. Adoption of Resolution to Amend the Storm Drainage Master Plan and Drainage Fee Schedule for Drainage Area "AV" (Central & State Route 41)
2. Adoption of Resolution to the Storm Drainage Master Plan and Drainage Fee Schedule, Rescinding Drainage Area "BY" Surcharge and Establishing "BY1" and "BY2" Fee Structures within Drainage Area "BY" (Sunnyside & Behymer).
3. Adoption of Resolution Amending the Storm Drainage and Flood Control Master Plan and Amending Schedule of Drainage Fees, Surcharges, and Costs for Local Drainage Areas (2018 Rate Schedule)

Summary

1. Adoption of Resolution to Amend the Storm Drainage Master Plan and Drainage Fee Schedule for Drainage Area "AV"

Amendment of the Storm Drainage Master Plan and Drainage Fee Schedule for Drainage Area "AV" includes a revised Master Plan location of Basin "AV" (refer to Exhibit No. 1) and revisions of storm water collection facilities. The current Drainage Area "AV" Master Plan identifies a joint use basin shared between the Fresno Irrigation District (FID) and the District. The use of the FID basin, located east of the intersection of Elm Avenue and the Muscat Avenue alignment, was no longer a viable alternative once the adopted City of Fresno's 2035 General Plan changed the land use from residential to industrial and FID's basin storage capacity no longer was sufficient to meet both FID's and District's operational demands. Cost savings associated with a shared basin facility are mostly responsible for the fee increases for 2018. Increased unit prices account for the rest of the fees increase.



BOARD MEETING: December 13, 2017
AGENDA ITEM NO.: 7.C.

The selected site location for the relocated Basin "AV" is on the easterly half of APN 329-030-03. The proposed basin net site area is approximately 20.0 acres, with a gross site area (including street frontage) of approximately 21.5 acres. District staff found this site location to be the topographically and hydraulically logical location within Drainage Area "AV". In the series of studies performed by staff, this location was also found to be the most cost effective location in terms of system and storage cost. Its location is favorable in that it provides a balance in terms of system cost between minimizing storm drain diameter increases for the predominantly industrial land use areas it will serve north of the basin, and the length of storm drainage relief pipeline to the Central Canal south of the basin. This option, compared to other locations studied, also is favorable in that staff does not foresee potential severance costs for unusable adjacent property.

In response to several industrial development proposals located along East Avenue between Central Avenue and the North Central Canal, approximately 53.4 acres were shifted from Drainage Area "AV" to Drainage Area "AX". The drainage area boundary shift provided permanent drainage service to several acres of businesses within the drainage area and eliminated the need for temporary ponds. The developers agreed to meet the fill requirements on their properties to surface drain easterly to Drainage Area "AX" facilities and funded the additional costs to the Drainage Area "AX" system to account for the additional runoff conveyed from their developments.

The shift in the drainage area boundary, reducing the area in the Drainage Area "AV" by 53.4 acres, had little effect on the Drainage Area "AV" fee structure due to the elimination and/or downsizing of proposed Master Plan storm drain pipelines. Drainage Area "AX" fees and changes resulting from the drainage boundary adjustment will be evaluated with the finalization of the Economic Development Administration (EDA) grant in 2019. As a reminder, a substantial portion of the Drainage Area "AX" Master plan facilities are eligible for reimbursement from the EDA grant.

2. Adoption of Resolution to the Storm Drainage Master Plan and Drainage Fee Schedule, Rescinding Drainage Area "BY" Surcharge and Establishing Drainage Areas "BY1" and "BY2" Fee Structures with Drainage Area "BY" (Sunnyside & Behymer)

Revision to the Storm Drainage Master Plan and Drainage Fee Schedule for Drainage Area "BY" includes rescinding the "BY" surcharge (Resolution No. 2015-835) and separating the rural drainage area, located east of Sunnyside Avenue and north of Copper Avenue, from the urban area, located within the City of Clovis's Sphere of Influence (SOI), and establishing a separate fee structure for each (see Exhibit No. 2). The surcharge fee, adopted on December 16, 2015, was implemented to obtain revenue to offset increased system costs due to City of Clovis's densification within the Northwest Urban Center. Further, the surcharge was only applied to those areas within the SOI that benefited from the increased land uses, so that costs to landowners living outside the SOI were not adversely impacted. Since adopting the surcharge, it has become apparent that the drainage fee rates calculated to include costs for a rural system and applied to the total area within Drainage Area "BY"(including the area where the surcharge

BOARD MEETING: December 13, 2017

AGENDA ITEM NO.: 7.C.

is applied) were not an equitable way to split costs. To provide equity between the two areas it is proposed that the drainage area be split at the SOI line into Drainage Areas "BY1" and "BY2" and separate drainage fees be adopted for the two areas.

3. Adoption of Resolution Amending the Storm Drainage and Flood Control Master Plan and Amending Schedule of Drainage Fees, Surcharges, and Costs for Local Drainage Areas (2018 Rate Schedule)

Urban storm drainage systems are funded by the payment of drainage fees at the time of development. Fees in the original area of the District or core area of the City of Fresno (Zone 2) are calculated at a uniform rate by spreading the aggregate of the total systems cost to the entire original area. The core area of the City of Clovis (Zone 3) utilizes the same approach. Zone 2 is unique in that the aggregated approach was intended to distribute the benefits of the long-term tax payments and early formation and subsidies via assessment districts. All other areas referred to as the "Full Cost" zone (Zone 1) are funded by spreading the individual system cost to its respective local drainage area. The zones are shown on the attached Exhibit No. 3.

Exhibit No. 4 shows the proposed amendments to certain drainage and surcharge fee schedules for March 1, 2018 through February 28, 2019. Adoption of the attached resolution is necessary to formally amend the Master Plan and amend the fee schedule in certain drainage areas that have changes or an increased fee rate. Because of its large size, the updated Storm Drainage and Flood Control Master Plan Map (Exhibit "A") will be provided at the meeting for review and reference. A Public Hearing is required to increase drainage fee rates and the appropriate public notice regarding this hearing was published in the Fresno Bee pursuant to the Government Code. Fee schedules may be updated annually, around January, to become effective not less than sixty (60) days after adoption.

Zone 1

With respect to Zone 1, fifty-four (54) drainage areas and three (3) surcharge areas warrant a fee adjustment. Modifications significant enough to justify a revision to the drainage fee schedules included (i) increased unit prices for pipelines, outfalls, mowstrip, arterial and local street paving, curb and gutter, sidewalk, pump station/intake, existing and proposed reclaimed pumps, and the telemetry system; (ii) drainage area or basin excavation adjustments due to High Speed Train; (iii) basin redesign; or (iv) higher than anticipated contract costs. As noted above, these drainage areas are set forth in Exhibit No. 4. The list shows the land use of greatest acreage in the drainage area as representative of the adjustments or rate change. The comment column indicates the type of adjustment associated with the 2018 Drainage and Surcharge Fee and Amendments.

Also, this year's study indicated that drainage fee rates for forty-four (44) Zone 1 drainage areas remain the same or showed a slight decrease. Based upon previous staff reviews, it is normally recommended that downward adjustments not be made due to the anticipated drainage fee revenue falling short of the total system costs within many of the full cost drainage areas. A decrease in the fee rate for Zone 1 areas must be supported by a fee audit for the specific area. The audit is necessary to evaluate the outcome of the total system costs to determine, ultimately, if funding collected will be less or more than the cost to complete the full cost Zone 1 drainage

BOARD MEETING: December 13, 2017

AGENDA ITEM NO.: 7.C.

systems. This year's audit does not support a decrease in the remaining Zone 1 areas. Staff will continually monitor these areas and report its findings to the Board should a decrease in fees be warranted in the future.

Zone 2

With respect to Zone 2 areas, unit cost updates in the previous year warrant a fee adjustment. The percentage increase is shown in Exhibit No. 4.

Zone 3

No adjustments are necessary for Zone 3 drainage areas. The study determined that modifications made to the drainage fees were not significant enough to justify a revision to the drainage fee schedule for these zones.

Surcharge Areas

Review of the fee rates identified three (3) existing surcharge areas, Drainage Area "BX" (RT Park), Drainage Area "DN" (Copper River Ranch), and "Drainage Area "DO" (Southeast Urban Area), that warranted fee adjustments (see Exhibit No. 5). The fee increases in these areas resulted from unit cost updates. Exhibit No. 5 also shows the per acre costs resulting from these surcharge fee adjustments. No adjustments for the surcharge fees in Drainage Areas "7D" and "7H" were necessary.

Staff has posted the proposed 2018 amendments to the fee schedules on the District's web site, circulated the proposed changes to the Building Industry Association (BIA) for comment, and informed the BIA of the public hearing date. The proposed changes in the fee schedule were also presented to the BIA at a regularly scheduled BIA/FMFCF liaison meeting on Wednesday, November 22, 2017. It was requested that the BIA make formal comments on the proposal for this year's adjustments prior to the public hearing. No comments have been received at the writing of this memorandum. In the past, the BIA has been non-committal and taken no position in regards to drainage fee adjustments. Following the District's adoption of the 2018 amendments to the Drainage Fee Schedule, staff will request each of the local jurisdictional agencies adopt the amendments.

The adoption of fees is considered a project under the California Environmental Quality Act (CEQA). Staff has evaluated the potential environmental impact of the adoption of these fees (excluding the amended Master Plan for Drainage Area "AV") and has determined that the action is exempt from CEQA pursuant to Public Resources Code Section 21080(b)(8)(D). This section exempts the modification of fees collected by public agencies for the purpose of obtaining funds for capital projects necessary to maintain service within existing service areas. Pursuant to Section 21080(b), staff recommends the Board incorporate findings in the record that the proposed amendments to the drainage fees are exempt from CEQA pursuant to Section 21080(b)(8)(D).

BOARD MEETING: December 13, 2017
AGENDA ITEM NO.: 7.C.

Recommendation

Staff recommends that the Board of Directors adopt the following:

- 1) Adopt the attached Resolution Amending the Storm Drainage and Flood Control Master Plan for Drainage Area "AV", amending the proposed cost and fee schedule as set forth therein.
- 2) Adopt the Resolution to the Storm Drainage and Flood Control Master Plan for Drainage Area "BY", Rescinding the Surcharge (Resolution No. 2015-835) and Establishing "BY1" and BY2" Fee Structures within Drainage Area "BY", amending the proposed cost and fee schedules as set forth therein.
- 3) Adopt the attached Resolution updating the Storm Drainage and Flood Control Master Plan Map and amending the proposed cost and fee schedules as set forth therein.
- 4) Direct staff to transmit the map and fee schedule amendments to the City of Fresno, City of Clovis, and the County of Fresno for adoption.
- 5) Find that adoption of said Resolutions that adopt fees are exempt from further CEQA assessment per the provisions of Public Resources Code Section 21080(b)(8)(D).

Discussion

The proposed drainage fee amendments shown on Exhibit No. 4 comply with the Government Code that requires the local agency to determine that the fees are fairly apportioned within the local drainage areas either on the basis of benefits conferred on property proposed for subdivision or on the need for such facilities created by the proposed subdivision and development of other property within such areas. In Zones 1 thru 3, fees are fairly apportioned based on the need to dispose of storm water runoff as determined by land use and anticipated impervious area.

Staff continually monitors system costs as improvements are constructed yearly. By monitoring system costs, staff is able to make the necessary adjustments to the drainage fee automation program which re-calculates the drainage fee schedules immediately when new information is input into the accounting data and/or modifications are made to the GIS system. This process requires the comparing of actual contract unit costs with the current fee study unit costs as well as insight from contractors within the metropolitan area. With the use of actual costs the District is able to ensure our unit costs are current with the market and better re-coup funding for updated system costs without relying on the use of the General Fund. While adjustments to drainage fees are generally considered only once each year pursuant to the Drainage Fee Ordinance, the automated program allows for staff to view the effect on the future drainage fee rate schedule after any system modification.

BOARD MEETING: December 13, 2017

AGENDA ITEM NO.: 7.C.

To keep current with facility unit costs, the adjustments warranted for 2018 include an increase of the following: all pipe with trench resurfacing (2.0%), all pipe without trench resurfacing (17.1%), outfalls (29.4%), mowstrip (2.9%), arterial street paving (5.7%), local paving (6.7%), curb and gutter (37.0%), sidewalk (38.9%), pump station/intake (6.7%), reclaimed pump existing (13.3%), reclaimed pump proposed (30.0%), and telemetry system (33.3%). No adjustments in the costs and rate structures of other agencies (City of Fresno and City of Clovis) as applied to District basin properties are needed for the 2018 fee update. The 2018 drainage fee rate study reviews all drainage areas utilizing the adjusted unit costs along with accounting data for existing facilities.

Review of the fee rates identified three (3) existing surcharge areas, Drainage Area "BX" (RT Park), Drainage Area "DN" (Copper River Ranch), and "Drainage Area "DO" (Southeast Urban Area), that warranted fee adjustments. The fee increases in these areas resulted from unit cost updates.

The existing drainage ordinances require annual updating of the drainage systems cost schedules. This process assures fees are based on actual costs, ensures equity among all fee payers, assures reimbursement of those incurring construction costs in excess of their proportionate cost share, and protects the general taxpayer from the need to pay development subsidies.

Pursuant to the Government Code, the fee increases become effective not less than sixty (60) days following adoption. Therefore, if adopted, the effective date of the new drainage fee rate schedule would be March 1, 2018 in accordance with the Drainage Fee Ordinance.

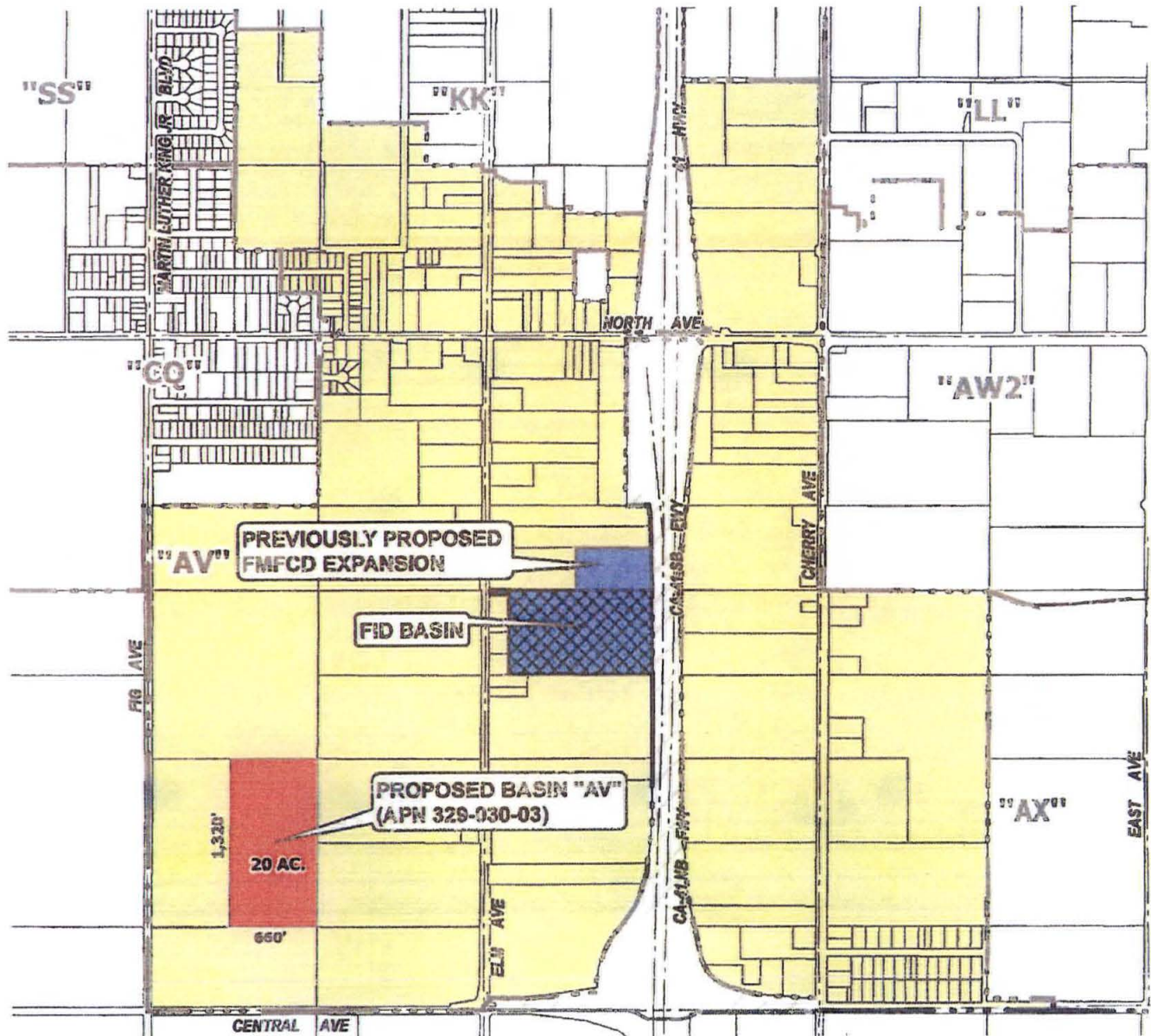
Respectfully submitted by:

Debbie Campbell, Design Engineer

Attachments

1. Exhibit No. 1
2. Exhibit No. 2
3. Exhibit No. 3
4. Exhibit No. 4
5. Exhibit No. 5
6. Exhibit "A" Place Holder
7. Exhibit "A"
8. Exhibit "B"
9. Resolution to Amend the Storm Drainage Master Plan and Drainage Fee Schedule for Drainage Area "AV" (Central & State Route 41)
10. Resolution to the Storm Drainage Master Plan and Drainage Fee Schedule, Rescinding Drainage Area "BY" Surcharge and Establishing "BY1" and "BY2" Fee S
11. Resolution Amending the Storm Drainage and Flood Control Master Plan and Amending Schedule of Drainage Fees, Surcharges, and Costs for Local Drainage

NOTE: THIS MAP IS SCHEMATIC.
DISTANCES, AMOUNT OF CREDITABLE
FACILITIES, AND LOCATION OF INLET
BOUNDARIES ARE APPROXIMATE.



LEGEND

- Drainage Area Boundary
- Drainage Area "AV"
- FID Basin
- Proposed Basin "AV"



1" = 1200'

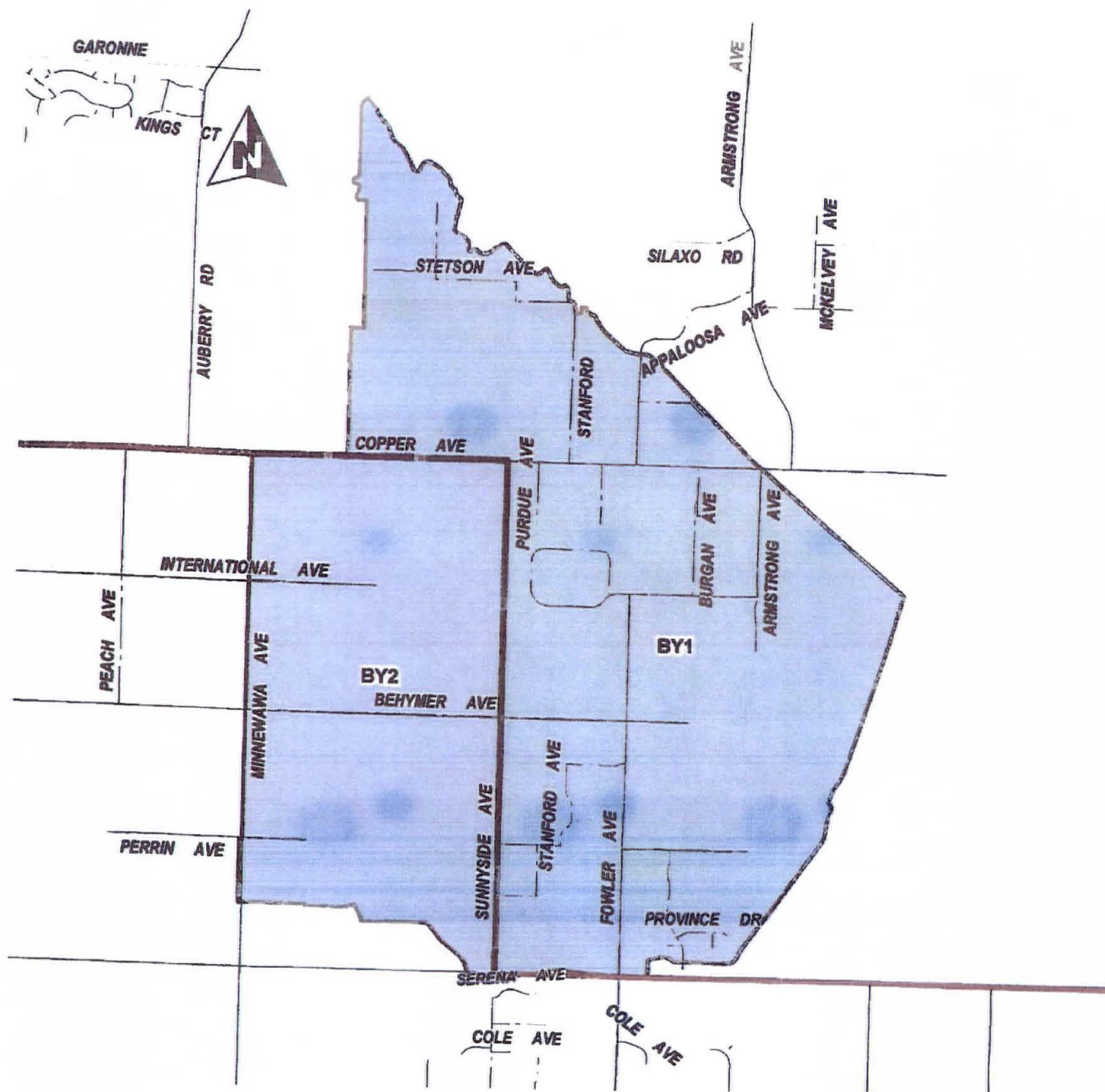
LOCATION MAP DRAINAGE AREA "AV"

Exhibit No 1



FRESNO METROPOLITAN FLOOD CONTROL DISTRICT

Prepared by: richh
Date: 12/12/2017
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-  City Sphere Lines
-  "BY1" Fee Area
-  "BY2" Fee Area

Exhibit No. 2



FRESNO METROPOLITAN FLOOD CONTROL DISTRICT

Prepared by: rich

Date: 12/8/2017

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DRAINAGE FEE ZONES

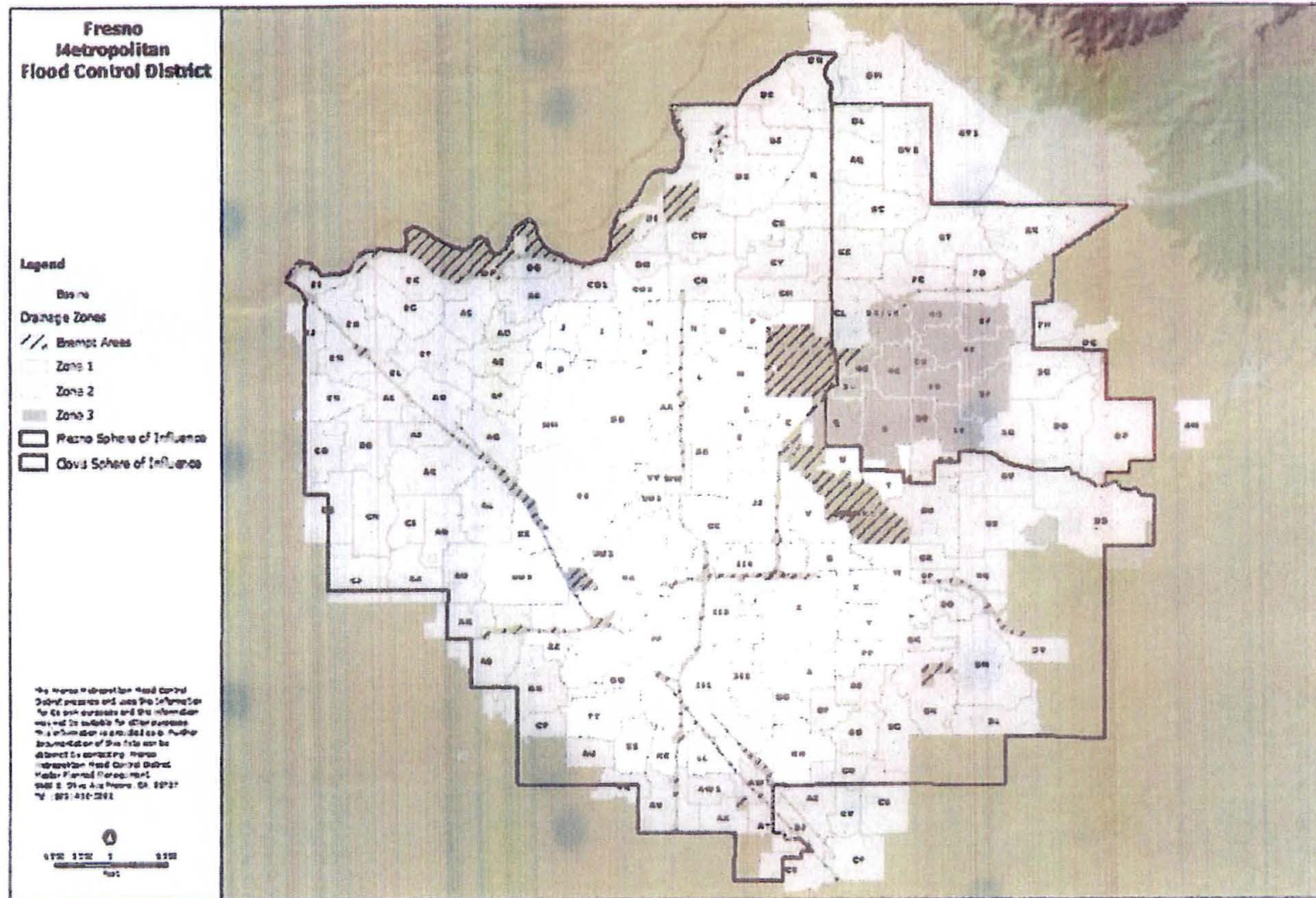


Exhibit No. 3

2018 Drainage and Surcharge Fee Amendments

2018 Drainage Fee Amendments				
	<u>Drainage Areas Within Zone 1 (Full Cost Areas)</u>	<u>Percent Change</u>	<u>Majority Zone Use</u>	<u>Comments</u>
1	"AE" (Valentine and Barstow)	+2.43	R-1-40%	Unit Cost Update
2	"AH" (Cornelia and Gettysburg)	+2.75	M-1	Unit Cost Update
3	"AI" (Blythe and Belmont)	+6.54	R-1-40%	Unit Cost Update
4	"AL" (Brawley and Weldon)	+7.89	C-1	Unit Cost Update, HST/CA-99 Area Adjustment
5	"AN" (Cornelia and Hedges)	+3.98	R-1-40%	Unit Cost Update
6	"AO" (Blythe and Belmont)	+9.28	R-1-40%	Unit Cost Update
7	"AR" (Cornelia and Whites Bridge)	+7.67	M-1	Unit Cost Update
8	"AS" (Valentine and California)	+4.14	R-1 40%	Unit Cost Update
9	"AU" (West and Annadale)	+7.54	R-1 40%	Unit Cost Update
10	"AV" (Fig and Central)	+14.25	M-1	Unit Cost Update, Remaster Plan Drainage Area, Proposed Basin Relocation (Basin no longer shared w/FID)
11	"AW1" (Orange and North)	+6.38	M-1	Unit Cost Update
12	"AW2" (Cherry and North)	+6.45	M-1	Unit Cost Update, Higher Completed Contract Costs
13	"AY" (Cedar and Central)	+10.20	M-1	Unit Cost Update, Excavation not completed by HST
14	"AZ" (Chestnut and Muscat)	+4.38	M-1	Unit Cost Update
15	"BD" (Willow and Vine)	+6.45	R-1-40%	Unit Cost Update
16	"BE" (Willow and Belgravia)	+5.00	R-1-40%	Unit Cost Update
17	"BF" (Chestnut and Church)	+4.30	R-1 40%	Unit Cost Update
18	"BG" (Peach and Annadale)	+5.91	R-1 40%	Unit Cost Update
19	"BJ" (Maple and Golden State)	+5.12	M-1	Unit Cost Update
20	"BK" (Clovis and Montecito)	+3.33	C-1	Unit Cost Update
21	"BL" (Armstrong and Church)	+5.20	C-1	Unit Cost Update
22	"BM" (Fowler and Butler)	+3.17	R-1-40%	Unit Cost Update
23	"BP" (Sunnyside and Harvey)	+5.11	M-1	Unit Cost Update
24	"BQ" (Fowler and Belmont)	+2.95	M-1	Unit Cost Update
25	"BR" (Clovis and Olive)	+8.82	M-1	Unit Cost Update

2018 Drainage and Surcharge Fee Amendments

26	"BS" (Fowler and Floradora)	+6.17	R-1-40%	Unit Cost Update
27	"BT" (Sunnyside and Nees)	+5.30	R-1-40%	Unit Cost Update
28	"BU" (Clovis and Clinton)	+5.63	M-1	Unit Cost Update
29	"BY ₁ " (Sunnyside and Behymer)	+7.89	R-1-40%	Unit Cost Update
30	"BY ₂ " (Sunnyside and Behymer)	+10.85	R-1-40%	Unit Cost Update
31	"CD" (Garfield and Dakota)	+8.17	R-1-40%	Unit Cost Update
32	"CF" (Peach and Central)	+8.63	M-1	Unit Cost Update
33	"CG" (Garfield and McKinley)	+7.82	R-1-40%	Unit Cost Update
34	"CH" (Bryan and McKinley)	+9.18	R-1-40%	Unit Cost Update
35	"CK" (Polk and Belmont)	+5.27	R-1-40%	Unit Cost Update
36	"CP" (Marks and Jensen)	+7.93	R-1-40%	Unit Cost Update
37	"CQ" (Walnut and North)	+7.53	R-1-40%	Unit Cost Update
38	"CS" (Minnewawa and North)	+9.76	M-1	Unit Cost Update
39	"CU" (Willow and North)	+8.12	M-1	Unit Cost Update
40	"CV" (Willow and Central)	+5.62	M-1	Unit Cost Update
41	"DK" (Friant and Champlain)	+2.05	R-1-40%	Unit Cost Update
42	"DM" (Peach and Copper)	+8.65	R-1-40%	Unit Cost Update
43	"DN" (Friant and Willow)	+7.34	R-1-40%	Unit Cost Update, Contract Costs
44	"DP" (Highland and Dakota)	+9.97	R-1-40%	Unit Cost Update, Basin Redesign
45	"DQ" (Leonard and Sierra)	+6.43	R-1-40%	Unit Cost Update
46	"DS" (Leonard and Clinton)	+7.64	R-1-40%	Unit Cost Update
47	"DV" (Temperance and Kings Canyon)	+10.73	C-1	Unit Cost Update

2018 Drainage and Surcharge Fee Amendments

48	"EF" (Cornelia and Dante)	+3.99	C-1	Unit Cost Update
49	"EH" (Golden State and Herndon)	+3.88	M-1	Unit Cost Update
50	"EJ" (Garfield and Sample)	+7.33	R-1-40%	Unit Cost Update
51	"EL" (Barcus and Barstow)	+5.70	M-1	Unit Cost Update
52	"EM" (Grantland and Barstow)	+11.39	R-1-40%	Unit Cost Update, HST/CA-99 Area Adjustment
53	"NN" (Valentine and Church)	+5.31	R-1-40%	Unit Cost Update
54	"7H" (Temperance and Bullard)	+6.24	R-1-40%	Unit Cost Update
	<u>ZONE 2 AREAS</u>	+2.03	R-1-40%	Unit Cost Update

2018 Surcharge Fee Adjustments

	<u>Surcharge Areas</u>	<u>Percent Change</u>	<u>Majority Zone Use</u>	<u>Comments</u>
1	"BX" (Locan and Nees)	+6.00	C-P,C-M,R-P	Unit Cost Update
2	"DN" (Friant and Willow)	+3.20	R-1-40%	Unit Cost Update
3	"DO" (Locan and Ashlan)	+9.00	R-1-40%	Unit Cost Update

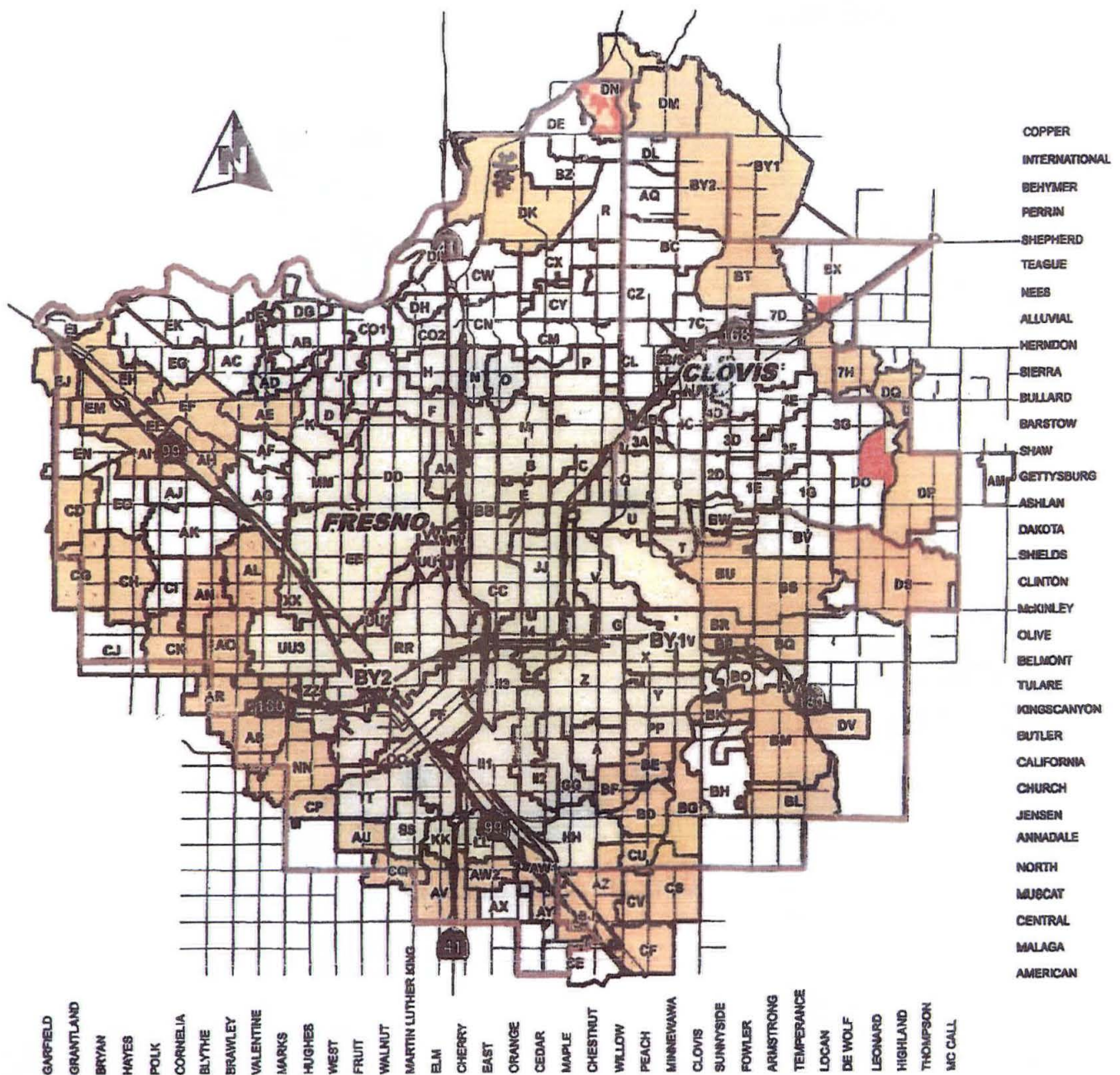


Exhibit No. 4

Page 4 of 4



FRESNO METROPOLITAN FLOOD CONTROL DISTRICT

Prepared by: kyles

Date: 12/8/2017

Path: N:\GIS\projects\fees\Drainage Fee updates.mxd

Surcharge Fee Summary Sheet

Drainage Areas "BX", "DN", and "DO"

"BX" (RT Park) 2018 Surcharge Rates:

ZONING	ACREAGE	TOTAL
C-P, C-M, R-P	102.7	\$ 8,020.00

"DN" (Copper River Ranch) 2018 Surcharge Rates :

ZONING	ACREAGE	TOTAL
R1-40 %	118.2	\$ 6,740.00
R1-45 %	59.1	\$ 6,960.00
R1-50 %	59.1	\$ 7,140.00
R-2	46.6	\$ 7,140.00
C-1	9.3	\$ 10,590.00

"DO" (Southeast Urban Area) 2018 Surcharge Rates:

ZONING	ACREAGE	TOTAL
R-1 50%	91.5	\$ 4,180.00
R-2, M-H	25.0	\$ 4,180.00
R-3	97.8	\$ 4,480.00
C-P, C-M, R-P	11.9	\$ 5,880.00
C-1, C-2, C-3, C-4, C-5, C-6, C-L, P	115.1	\$ 6,200.00

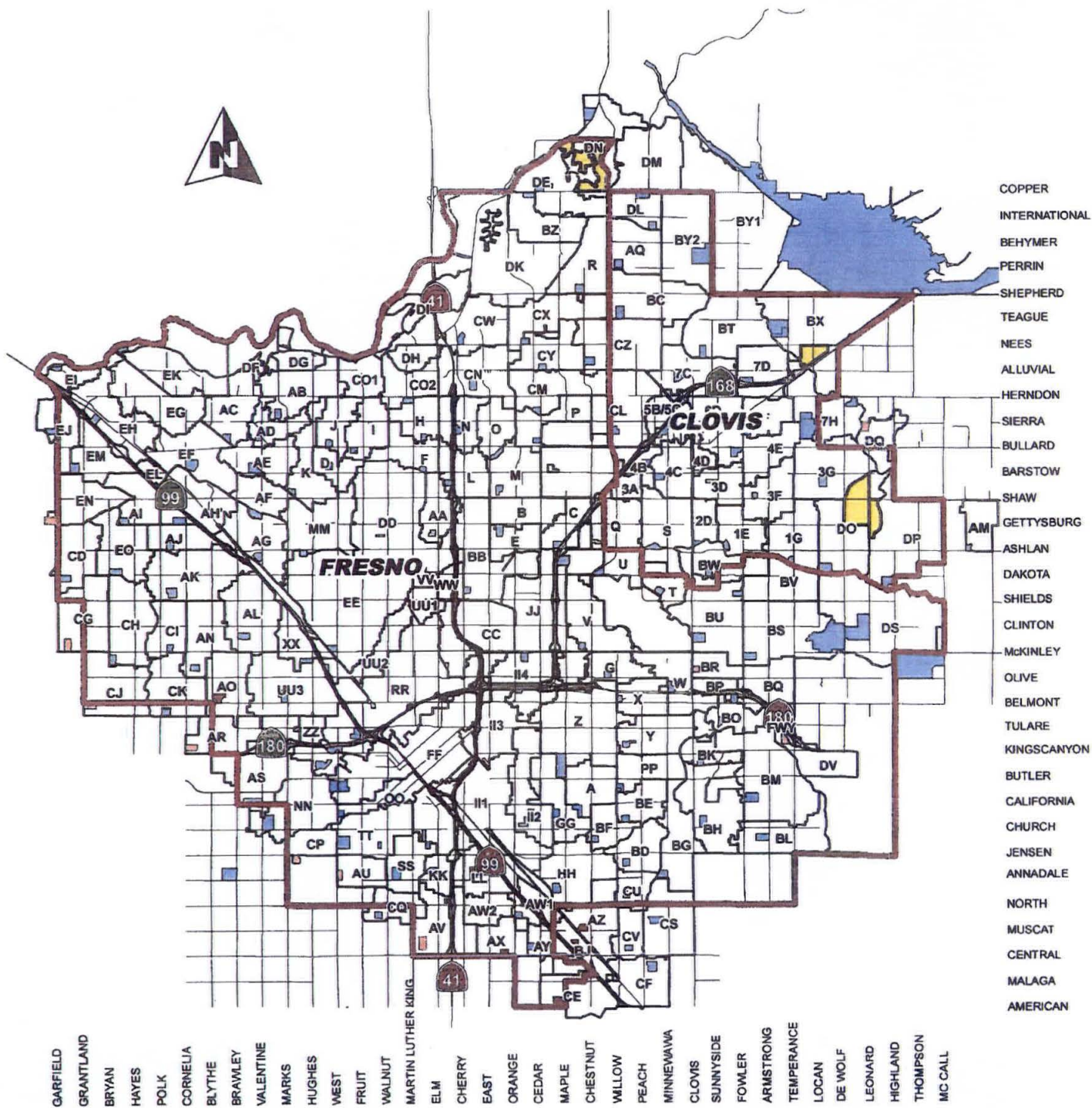


Exhibit No. 5
Page 2 of 2



FRESNO METROPOLITAN FLOOD CONTROL DISTRICT

Prepared by: keithr
Date: 12/8/2017
Path: N:\GIS\projects\fees\Drainage Fee updates_new.mxd

RESOLUTION NO. 2017-884

**BEFORE THE BOARD OF DIRECTORS OF THE FRESNO METROPOLITAN FLOOD
CONTROL DISTRICT**

**RESOLUTION AMENDING THE STORM DRAINAGE AND FLOOD CONTROL
MASTER PLAN AND AMENDING THE SCHEDULE OF DRAINAGE FEES,
SURCHARGES AND COSTS, ESTABLISHING SUCH COSTS AND FEES FOR LOCAL
DRAINAGE AREAS (2018-2019)**

WHEREAS, the Board of Directors enacted Resolution No. 1412 on February 9, 1988, establishing a schedule of drainage system costs and fees pursuant to the adopted Storm Drainage and Flood Control Master Plan, said schedule being an element of the drainage fee ordinances of the Fresno Metropolitan Flood Control District, Cities of Clovis and Fresno, and the County of Fresno, which ordinances are incorporated herein by this reference; and

WHEREAS, the Board of Directors enacted resolutions from time to time, amending said schedule, the last being Resolution No. 2016-859 adopted on December 14, 2016; and

WHEREAS, an amended Storm Drainage and Flood Control Master Plan Map, attached as Exhibit "A" hereto, specifying public facilities and improvements, existing and proposed, which are necessary to provide drainage service and flood control within the respective local drainage areas specified therein, has been presented to the Board of Directors; and

WHEREAS, the District's Storm Drainage and Flood Control Master Plan includes a study of the impacts of contemplated future development on the District's existing storm drainage services and facilities in the local drainage areas of the Fresno Metropolitan Flood Control District listed in Exhibit "B" attached hereto, along with an analysis of new, 2 improved or expanded public facilities and improvements required or appropriate to serve development in said local drainage areas; and

WHEREAS, as to each of said local drainage areas, said Map, said Plan and said study set forth the relationship between development and said services or facilities; the estimated cost thereof; and the schedule of per gross acre fees calculated to raise the sum of money necessary to pay the estimated total cost of local drainage facilities therein; and

WHEREAS, said Map and said study were available at the District's office for public inspection and review ten (10) days prior to this public hearing, and notice was given in compliance with the requirements therefor; and

WHEREAS, a public hearing was held pursuant to the public notice cited herein at a regularly scheduled meeting of the Board of Directors of the Fresno Metropolitan Flood Control District; and

WHEREAS, the Board of Directors finds as follows:

A. That the purpose of said fees is to finance facilities within the District required for the removal of surface and storm waters attributable to development; to obviate the menace to the public health, safety and welfare arising from inadequate provision for removal of surface and storm waters occurring as the result of development of property; to prevent deterioration of property values and impairment of conditions making for desirable residential, commercial or industrial development, as the case may be, which would result from the failure to construct planned local drainage facilities relative to development of property; and to prevent deterioration of public streets and other public facilities which would result from failure to construct planned local drainage facilities concurrently with development.

B. The fees adopted and collected pursuant to the drainage fee ordinances and this Resolution are to be used to finance only the public facilities shown on Exhibit "A", within each of the respective local drainage areas identified in Exhibit "B" hereto.

C. After considering said Map and said study and the analysis prepared by the District; the respective General Plans and community and specific plans prepared by the Development Departments of said County and Cities; and the information and testimony received at this public hearing, the Board of Directors approves said Map and said study, and incorporates such herein. The Board further finds that all new development in the subject area will generate the need for storm drainage facilities therein, and generates an unmet need for storm drainage facilities and services in said area.

D. There is a need in local drainage areas for storm drainage facilities that have not been constructed or have been constructed; said facilities have been called for in, or are consistent with, the General Plans. Development will contribute its fair share toward the facility costs in those local drainage areas listed in Exhibit "B" through payment of the respective drainage fees set forth therein.

E. The facts and evidence presented establish that there is a reasonable relationship between the need for the described public facilities and the impacts of the types of development as described in Exhibits "A" and "B" for which the corresponding fee set forth in Exhibit "B" is charged. There is a reasonable relationship between the use of said fee and development of the lands in the service area for which the fee is charged, as these reasonable relationships or nexuses are described in more detail in the study and Map referred to above.

F. The Storm Drainage and Flood Control Master Plan Map attached hereto as Exhibit "A" and the storm drainage fee rate schedule set forth in Exhibit "B", as adopted by Paragraphs 2 and 3 herein, revise the District's Storm Drainage and Flood Control Master Plan, to conform to its General Plan and comply with Section 66483 of the California Government Code.

G. The cost estimates set forth in Exhibit "B" are reasonable cost estimates for constructing these facilities, and the fee schedule set forth therein is based on said estimates and is to generate fees from development that will not exceed the total of these costs.

NOW THEREFORE, it is hereby resolved by the Board of Directors of the Fresno Metropolitan Flood Control District that:

1. The above recitals are true and correct, and this Board so finds and determines.
2. This Resolution is exempt from further California Environmental Quality Act (CEQA) assessment per the provisions of Public Resources Code Section 21080(b)(8)(D).
3. The Storm Drainage and Flood Control Master Plan is hereby amended to include that Storm Drain and Flood Control Master Plan Map attached hereto as Exhibit "A" and as supported by Exhibit "B".
4. The schedule of drainage fees for those respective local drainage areas listed in Exhibit "B" hereto is hereby adopted as set forth in said Exhibit "B". The District shall prepare a 2018-2019 schedule of drainage fees for each of its local drainage areas, which shall include the amendments adopted herein. Pursuant to California Government Code Section 66017, said schedule of drainage fees shall become effective no sooner than sixty (60) days from the date of adoption of this Resolution. In compliance with California Government Code Section 66017, the

District's 2018-2019 schedule of drainage fees shall be effective as of March 1, 2018, in accordance with the drainage fee ordinances. Fees shall be paid in accordance with the drainage fee ordinances and as specified in said 2018-2019 drainage fee schedule.

5. The fee shall be used solely to pay: (a) costs related to the design, administration and construction of the described public storm water facilities; (b) for reimbursing the District for the development's fair share of those costs incurred by the District in the design and construction of the described public storm water facilities; or (c) to reimburse other developers who have constructed public facilities in each service area where those facilities were beyond that needed to mitigate the impacts of the other developers' project or projects and where reimbursement is provided for in the applicable Drainage Fee Ordinance.

6. The District, pursuant to the Drainage Fee Ordinance, shall analyze and review the estimated cost of the described capital improvements for which this fee is charged, the continued or expanded need therefor, and the reasonable relationship between such facility needs and the varying types of development. The General Manager-Secretary shall report the findings to the Board of Directors and recommend any adjustment to this fee or other action as may be needed.

7. Pursuant to California Government Code Section 66022, any judicial action or proceeding to attack, review, set aside, void or annul this Resolution shall be brought within one hundred twenty (120) days of the adoption of this Resolution. Pursuant 6 to California Government Code Section 66022, any judicial action or proceeding to attack, review, set aside, void, or annul the fee increase shall commence within one hundred twenty (120) days of the effective date of the increase, which is identified in Paragraph No. 4 hereinabove. Administrative appeal is a mandatory

prerequisite to any such judicial action or proceeding. Such appeal shall be made in writing to the Director of Development of Public Works of the political subdivision in which the property subjected hereto is located (i.e., the City of Fresno, the City of Clovis or the County of Fresno). Such appeal must be made within sixty (60) days after the effective date hereof. The Director shall set the matter for hearing, conduct the hearing and render a decision within forty (40) days after such appeal is filed.

8. The Ordinances of the City of Fresno, City of Clovis, and the County of Fresno have an administrative mechanism whereby a property owner who seeks to develop property within the boundaries of the Fresno Metropolitan Flood Control District can challenge the fees imposed thereunder only by first paying said fees under protest. Developers of property within the Fresno Metropolitan Flood Control District shall adhere to the applicable ordinance of the City of Fresno, City of Clovis or the County of Fresno under which it is required that drainage fees must be paid before development is allowed, and that such fee may be paid under protest.

PASSED AND ADOPTED this 13th day of December 2017, by the following vote to wit:

AYES: Directors Fowler, Burlison, Rastegar, Williams, Groom & Auston

NOES: None

ABSENT: Spina

ABSTAIN: None



CITY *of* CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Planning and Development Services

DATE: February 20, 2018

SUBJECT: Approval – Final Acceptance for Tract 6072, located at the northwest corner of DeWolf and Richmond Avenues (Wilson Premiere Homes).

ATTACHMENT: (A) Vicinity Map

CONFLICT OF INTEREST

None

RECOMMENDATION

1. Accept the public improvements for Tract 6072; and authorize recording of the Notice of Completion; and
2. Authorize release of the Performance Surety immediately and then release of the Labor and Materials Surety ninety (90) days after the recordation of the Notice of Completion, provided no liens have been filed; and release of Public Improvements Maintenance Surety upon the expiration of the one-year warranty period, and provided any defective work has been repaired to the City's satisfaction.

EXECUTIVE SUMMARY

The owner, Wilson Premiere Homes, has requested final acceptance of the public improvements constructed or installed in conjunction with this tract. The public improvements include all those shown on the subdivision improvement plans approved by the City Engineer. The construction or installation of the public improvements is complete. The owner has requested final acceptance. Staff is recommending approval of their request.

FISCAL IMPACT

The costs for periodic routine maintenance, as well as repairs needed as the improvements deteriorate with age and usage, will be incorporated into the annual maintenance budget of the Public Utilities Department as these costs are identified.

REASON FOR RECOMMENDATION

The Subdivision Map Act requires that once construction of the required improvements has been completed in compliance with all codes, plans and specifications, and all other required documents have been completed and submitted, final acceptance is required and the appropriate sureties are released.

ACTIONS FOLLOWING APPROVAL

Record the Notice of Completion and release the Performance, Labor and Materials, and Maintenance Sureties as appropriate.

Prepared by: Gene G. Abella, Assistant Engineer

Submitted by:



Michael Harrison
City Engineer

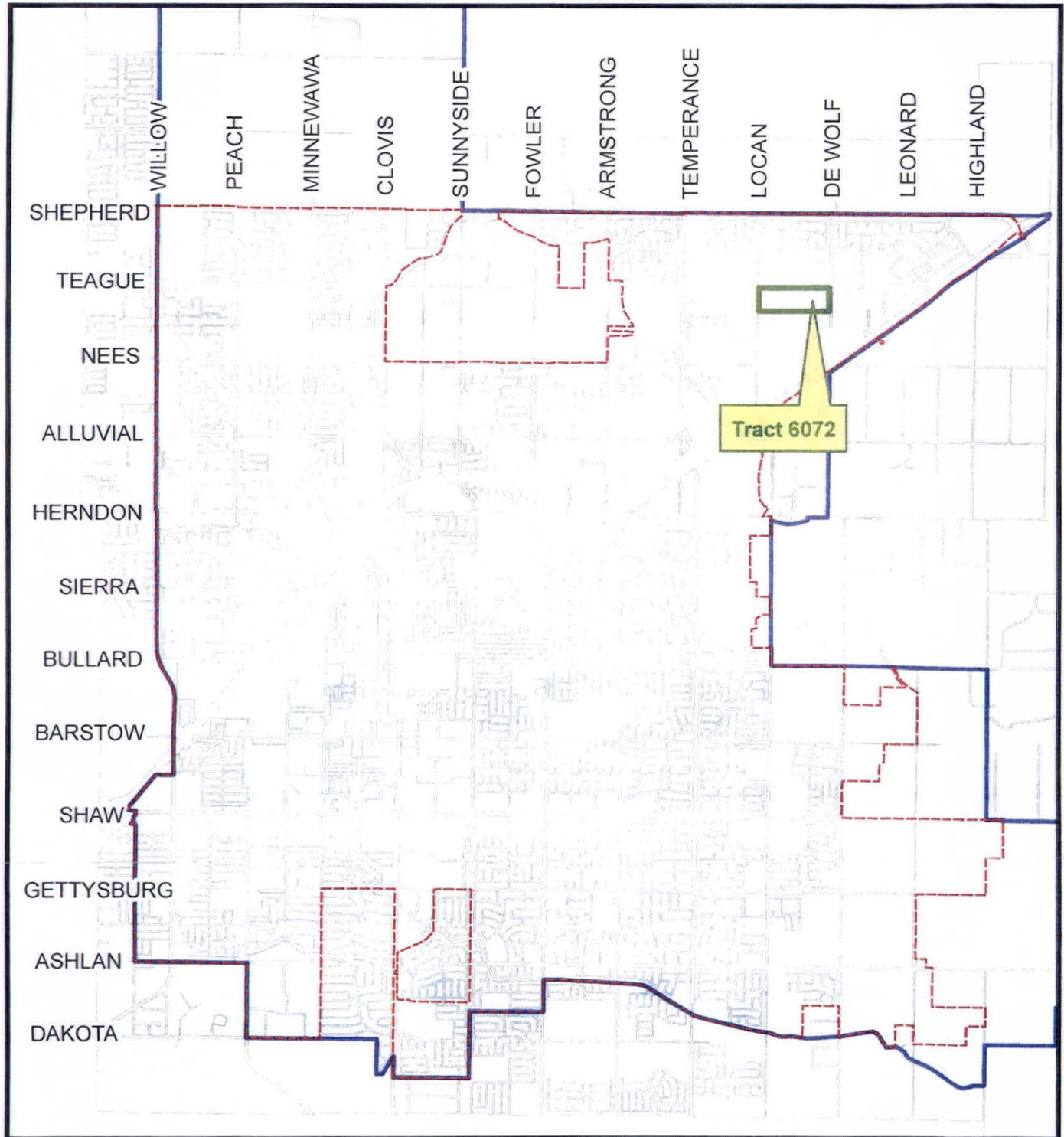
Recommended by:



Dwight Kroll, AICP
Director of Planning
And Development
Services

VICINITY MAP

Tract 6072
Wilson Premier Homes, Inc.



ATTACHMENT A

 CITY LIMITS  SPHERE OF INFLUENCE



1" = 5500'



AGENDA ITEM NO: CC-F-6

City Manager: AM

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Planning and Development Services

DATE: February 20, 2018

SUBJECT: Approval – Res. 18-____, Final Map for Tract 6120, located at the northeast area of Leonard and Barstow Avenues (BN 6120 LP, Bonadelle Neighborhoods).

ATTACHMENTS: (A) Res. 18-____
(B) Copy of Final Map

CONFLICT OF INTEREST

None

RECOMMENDATION

For the City Council to approve Res. 18-____, which will:

1. Accept the offer of dedication of street and public utility easements within Tract 6120, and;
2. Authorize recording of the final map.

EXECUTIVE SUMMARY

The owner and subdivider, BN 6120 LP (Bonadelle Neighborhoods), has submitted a final map and is requesting final map approval. The improvement plans are being processed by City staff. The improvements to be installed include curb, gutter, sidewalk, street paving, sanitary sewers and water mains. The tract is located at the northeast area of Leonard and

Barstow Avenues. It contains approximately 44.34 acres and consists of 171 units, zoned R-1 (Single-Family Residential).

FISCAL IMPACT

The subdivider will be installing curb, gutter, sidewalk, street paving, sanitary sewers and water mains, which will be perpetually maintained by the City of Clovis.

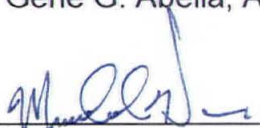
REASON FOR RECOMMENDATION


The subdivision agreement has been executed by the subdivider and all development fees have been paid or deferred in accordance with Municipal Code. The agreement provides for the developer to complete a technically correct map and improvement plans and to complete all required improvements in compliance with the conditions of approval. The improvements are adequately secured.

ACTIONS FOLLOWING APPROVAL

The final map will be filed with the Fresno County Recorder's office for recording.

Prepared by: Gene G. Abella, Assistant Engineer

Submitted by: 
Michael Harrison
City Engineer

Recommended by: 
Dwight Kroll, AICP
Director of Planning
And Development
Services

RESOLUTION 18- ____

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CLOVIS
APPROVING FINAL SUBDIVISION MAP FOR TRACT NO. 6120**

WHEREAS, a final map has been presented to the City Council of the City of Clovis for Tract 6120, by The City of Clovis, a Municipal Corporation; and

WHEREAS, said final tract conforms to the requirements of Chapter 2, Part 2, of Division 4 of the Business and Professions Code and to local ordinances.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Clovis as follows:

1. The final map of Tract 6120, consisting of four (4) sheets, a copy of which is on file with the City Clerk, be and the same is hereby approved.

2. Approval of the Subdivision improvement plans for said tract, consisting of thirty-four (34) sheets are being completed by City Staff.

3. The preliminary Engineer's Cost Estimate of development cost of said tract, a copy of which is on file with the City Clerk, be and the same is hereby approved and adopted as the estimated cost of improvements for said subdivision in the sum of \$7,280,266.

4. The offer and dedication for public use of the parcels, streets and easements specified on said map are accepted by the City of Clovis and the City Clerk is authorized and directed to execute said subdivision map.

5. This Council finds that the proposed subdivision, together with the provisions for its design and improvement, are consistent with applicable general and specific plans of the City of Clovis.

6. Improvement Security, as provided hereunder and in said Subdivision Agreement, is fixed at one hundred percent (100%) of remaining improvements to be installed or constructed, or the sum of \$5,616,000, for guaranteeing specific performance of said agreement and fifty percent (50%) of remaining improvements to be installed or constructed, or the sum of \$2,807,000, for payment of labor and materials furnished by contractors, subcontractors, laborers and materialmen in connection with the improvements required to be made or constructed by said subdivider in conformity with said subdivision map or said agreement.

7. Subdivider shall furnish a bond in the sum of \$728,000 being the amount determined by the City Council of the City as necessary for the guarantee and warranty of the work for a period of one year following the completion and acceptance of the tract against any defective work or labor done, or defective materials furnished. Said bond is required to be furnished prior to acceptance of the tract by the City Council.

* * * * *

The foregoing resolution was introduced and adopted at a regular meeting of the City Council of the City of Clovis held on February 20, 2018 by the following vote, to wit.

AYES:

NOES:

ABSENT:

ABSTAIN:

DATED:

Mayor

City Clerk

SUBDIVISION MAP OF
TRACT NO. 6120
IN THE CITY OF CLOVIS, FRESNO COUNTY, CALIFORNIA
SURVEYED AND PLATTED IN JUNE, 2017 BY HARBOUR & ASSOCIATES
CONSISTING OF 4 SHEETS
SHEET 1 OF 4

OWNER'S STATEMENT

THE UNDERSIGNED, BEING ALL PARTIES HAVING ANY RECORD TITLE INTEREST IN THE LAND WITHIN THIS SUBDIVISION, HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS MAP AND OFFER FOR DEDICATION FOR PUBLIC USE THE PARCELS AND EASEMENTS SPECIFIED ON SAID MAP AS INTENDED FOR PUBLIC USE FOR THE PURPOSES SPECIFIED THEREIN.

BN 6120 LP, A CALIFORNIA LIMITED PARTNERSHIP

BY: BONADELLE HOMES INC., A CALIFORNIA CORPORATION,
ITS GENERAL PARTNER

BY: _____
JOHN A. BONADELLE, PRESIDENT

U.S. BANK NATIONAL ASSOCIATION, D/B/A HOUSING CAPITAL COMPANY,
AS BENEFICIARY

BY: _____
JASON SUBIA, SENIOR VICE PRESIDENT

FRESNO IRRIGATION DISTRICT, AS EASEMENT HOLDER
A SEPARATE CONSENT TO FINAL MAP PURSUANT TO GOVERNMENT
CODE SECTION 66435.1 FOR PARCEL/TRACT MAP NO. 6120 HAS BEEN
EXECUTED BY THE FRESNO IRRIGATION DISTRICT, AS RECORDED
_____, 2018, DOCUMENT NO. _____,
FRESNO COUNTY RECORDS.

NOTARY ACKNOWLEDGEMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA)
COUNTY OF _____)

ON _____, 2018, BEFORE ME _____, NOTARY
PUBLIC, PERSONALLY APPEARED _____ JOHN A. BONADELLE _____, WHO
PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE
NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME
THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES),
AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE
ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA
THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT, WITNESS MY HAND.

NAME _____ SIGNATURE _____
MY COMMISSION EXPIRES _____ COUNTY OF _____
COMMISSION NUMBER _____

NOTARY ACKNOWLEDGEMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA)
COUNTY OF _____)

ON _____, 2018, BEFORE ME _____, NOTARY
PUBLIC, PERSONALLY APPEARED _____ JASON SUBIA _____, WHO
PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE
NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME
THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES),
AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE
ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA
THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT, WITNESS MY HAND.

NAME _____ SIGNATURE _____
MY COMMISSION EXPIRES _____ COUNTY OF _____
COMMISSION NUMBER _____

LEGAL DESCRIPTION

PARCEL A:
A PORTION OF PARCEL 3 OF PARCEL MAP NO. 3473, ACCORDING TO THE MAP THEREOF RECORDED IN BOOK 25 OF PARCEL MAPS AT PAGES 79 AND 80, FRESNO COUNTY RECORDS AND ALL THAT PORTION PARCEL 4 OF PARCEL MAP NO. 3012, ACCORDING TO THE MAP THEREOF RECORDED IN BOOK 22 OF PARCEL MAPS AT PAGE 43, FRESNO COUNTY RECORDS, LYING NORTHERLY OF THE CENTERLINE OF THE ENTERPRISE CANAL, BEING PORTIONS OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER AND THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 13 SOUTH, RANGE 21 EAST, MOUNT DIABLO BASE AND MERIDIAN, ACCORDING TO THE OFFICIAL UNITED STATES GOVERNMENT TOWNSHIP PLAT THEREOF, IN THE COUNTY OF FRESNO, STATE OF CALIFORNIA, ALL TOGETHER DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT ON THE EAST LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 12, SAID POINT BEING NORTH 00° 20' 18" EAST, 867.47 FEET FROM THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF SAID SECTION 12; THENCE, ALONG THE CENTERLINE OF SAID ENTERPRISE CANAL, THE FOLLOWING ELEVEN (11) COURSES: (1) SOUTH 49° 01' 39" WEST, A DISTANCE OF 261.16 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE NORTHWEST HAVING A RADIUS OF 500.00 FEET; THENCE (2) SOUTHWESTERLY, 164.01 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 18° 47' 39"; THENCE (3) SOUTH 67° 49' 18" WEST, A DISTANCE OF 97.88 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 200.00 FEET; THENCE (4) SOUTHWESTERLY, 79.41 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 22° 44' 57"; THENCE (5) SOUTH 45° 04' 21" WEST, A DISTANCE OF 167.54 FEET; THENCE (6) SOUTH 51° 18' 38" WEST, A DISTANCE OF 56.84 FEET; THENCE (7) SOUTH 60° 13' 48" WEST, A DISTANCE OF 128.34 FEET; THENCE (8) SOUTH 57° 58' 08" WEST, A DISTANCE OF 206.01 FEET; THENCE (9) SOUTH 58° 36' 44" WEST, A DISTANCE OF 133.37 FEET; THENCE (10) SOUTH 60° 24' 12" WEST, A DISTANCE OF 190.02 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE NORTHWEST HAVING A RADIUS OF 310.00 FEET; THENCE (11) SOUTHWESTERLY, 109.26 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 20° 11' 39" TO THE INTERSECTION OF SAID CURVE WITH THE WEST LINE OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 12, SAID WEST LINE ALSO BEING THE WEST LINE OF PARCEL 4 OF SAID PARCEL MAP NO. 3012 THENCE NORTH 00° 22' 40" EAST, ALONG SAID WEST LINE, A DISTANCE OF 11.72 TO THE SOUTHEAST CORNER OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 12; THENCE NORTH 89° 19' 45" WEST, ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 12, A DISTANCE OF 155.58 FEET TO THE INTERSECTION OF SAID CENTERLINE OF THE ENTERPRISE CANAL WITH SAID SOUTH LINE; THENCE, ALONG SAID CENTERLINE OF THE ENTERPRISE CANAL, THE FOLLOWING NINE (9) COURSES: (1) NORTH 71° 53' 16" WEST, A DISTANCE OF 79.02 FEET, THENCE (2) NORTH 66° 26' 47" WEST, A DISTANCE OF 91.87 FEET; THENCE (3) NORTH 54° 17' 45" WEST, A DISTANCE OF 72.63 FEET; THENCE (4) NORTH 36° 04' 47" WEST, A DISTANCE OF 39.82 FEET; THENCE (5) NORTH 28° 55' 15" WEST, A DISTANCE OF 75.93 FEET; THENCE (6) NORTH 19° 51' 05" WEST, A DISTANCE OF 169.62 FEET TO A POINT ON THE WESTERLY LINE OF SAID PARCEL 3; THENCE (7) NORTH 06° 17' 11" WEST, ALONG THE WESTERLY LINE OF SAID PARCEL 3, A DISTANCE OF 412.35 FEET; THENCE (8) NORTH 13° 58' 14" WEST, ALONG THE WESTERLY LINE OF SAID PARCEL 3, A DISTANCE OF 262.43 FEET; THENCE (9) NORTH 25° 45' 19" WEST, ALONG THE WESTERLY LINE OF SAID PARCEL 3, A DISTANCE OF 337.60 FEET TO THE NORTHWEST CORNER OF SAID PARCEL 3; THENCE SOUTH 89° 12' 37" EAST, ALONG THE NORTH LINE OF SAID PARCEL 3, A DISTANCE OF 2072.86 FEET TO THE NORTHEAST CORNER OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 12, SAID POINT BEING THE NORTHEAST CORNER OF SAID PARCEL 4; THENCE SOUTH 00° 20' 18" WEST, ALONG THE EAST LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 12, AND ALONG THE EAST LINE OF SAID PARCEL 4, A DISTANCE OF 451.69 FEET TO THE POINT OF BEGINNING.

THIS LAND IS SUBJECT TO THE FOLLOWING:

1. SAID LAND LIES WITHIN THE FRESNO METROPOLITAN FLOOD CONTROL DISTRICT AND IS SUBJECT TO DRAINAGE FEES AND/OR REQUIREMENTS TO CONSTRUCT PLANNED LOCAL DRAINAGE FACILITIES, AS DISCLOSED BY INSTRUMENT ENTITLED "RESOLUTION NO. 1816 - THE BOARD OF DIRECTORS OF THE FRESNO METROPOLITAN FLOOD CONTROL DISTRICT, RECORDED JULY 31, 1995 AS SERIES NUMBER 95092128, O.R.F.C.
2. AN EASEMENT FOR CANALS AND BRANCHES AND INCIDENTAL PURPOSES, RECORDED IN BOOK J OF DEEDS, PAGE 36.
3. THE LIEN OF SPECIAL TAX ASSESSED PURSUANT TO CHAPTER 2.5 COMMENCING WITH SECTION 53111 OF THE CALIFORNIA GOVERNMENT CODE FOR COMMUNITY FACILITIES DISTRICT NO. 2004-1, AS DISCLOSED BY NOTICE OF SPECIAL TAX LIEN RECORDED JUNE 23, 2016 AS INSTRUMENT NO. 2016-0080780 OF OFFICIAL RECORDS.



SURVEYOR'S STATEMENT

THE SURVEY FOR THIS MAP WAS MADE BY ME OR UNDER MY DIRECTION AND IS TRUE AND COMPLETE AS SHOWN.

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF BN 6120 LP, A CALIFORNIA LIMITED PARTNERSHIP, ON JUNE 1, 2017. I HEREBY STATE THAT ALL MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED, OR THAT THEY WILL BE SET IN THOSE POSITIONS ON OR BEFORE ONE YEAR AFTER THE DATE THIS MAP IS RECORDED, OR ANY TIME EXTENSION APPROVED BY THE CITY ENGINEER. THE MONUMENTS ARE, OR WILL BE, SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE CONDITIONALLY APPROVED TENTATIVE MAP.

GARY J. DIXON L.S. 5277

DATE

CITY ENGINEER'S STATEMENT

I, MICHAEL J. HARRISON, CITY ENGINEER OF THE CITY OF CLOVIS, HEREBY STATE THAT I HAVE EXAMINED THIS MAP, THAT THE SUBDIVISION SHOWN IS SUBSTANTIALLY THE SAME AS IT APPEARED ON THE TENTATIVE MAP, AND ANY APPROVED ALTERATIONS THEREOF, THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND OF ANY LOCAL ORDINANCES APPLICABLE AT THE TIME OF APPROVAL OF THE TENTATIVE MAP HAVE BEEN COMPLIED WITH, AND THAT I AM SATISFIED THAT THE MAP IS TECHNICALLY CORRECT.

MICHAEL J. HARRISON, P.L.S. 8088
CITY ENGINEER

DATE

CITY CLERK'S STATEMENT

I, JOHN HOLT, HEREBY STATE THAT THE CITY COUNCIL OF THE CITY OF CLOVIS, BY RESOLUTION ADOPTED _____, APPROVED THE WITHIN MAP AND ACCEPTED, SUBJECT TO IMPROVEMENT, ON BEHALF OF THE PUBLIC, ANY REAL PROPERTY AND EASEMENTS OFFERED FOR DEDICATION FOR PUBLIC USE IN CONFORMITY WITH THE TERMS OF THE OFFER OF DEDICATION.

DATE

JOHN HOLT, CITY CLERK

RECORDER'S CERTIFICATE

DOCUMENT NO. _____ FEE PAID \$ _____

FILED THIS ____ DAY OF _____, 2018, AT ____ M. IN

VOLUME ____ OF PLATS, AT PAGE(S) _____, FRESNO COUNTY

RECORDS, AT THE REQUEST OF FIRST AMERICAN TITLE COMPANY.

PAUL A. DICTOS, CPA
FRESNO COUNTY ASSESSOR-RECORDER

BY: _____
DEPUTY



Harbour & Associates
Civil Engineers
389 Clovis Avenue, Suite 300 • Clovis, California 93612
(559) 325-7676 • Fax (559) 325-7699

TRACT NO. 6120

IN THE CITY OF CLOVIS, FRESNO COUNTY,
CALIFORNIA, SURVEYED AND PLATTED IN
AUGUST, 2017 BY HARBOUR AND ASSOCIATES
CONSISTING OF 4 SHEETS
SHEET 2 OF 4

LEGEND:

- FOUND AND ACCEPTED SECTION CORNER AS NOTED.
- FOUND AND ACCEPTED 3/4" IRON PIPE, UNLESS OTHERWISE NOTED.
- FOUND CONCRETE FID MONUMENT, UP 2' UNLESS OTHERWISE NOTED.
- RECORD DATA PER RECORD OF SURVEY RECORDED IN BOOK 62 OF RECORD OF SURVEYS AT PAGE 41, F.C.R., ALSO INDICATES MEASURED DATA IF NOT SEPARATED.
- RECORD DATA PER PARCEL MAP No. 3473 RECORDED IN BOOK 25 OF PARCEL MAPS AT PAGES 79 AND 80, F.C.R.
- RECORD DATA PER PARCEL MAP No. 3012 RECORDED IN BOOK 22 OF PARCEL MAPS AT PAGE 43, F.C.R.
- RECORD DATA PER PARCEL MAP No. 5728 RECORDED IN BOOK 36 OF PARCEL MAPS AT PAGE 35, F.C.R.
- RECORD DATA PER TRACT No. 6082, RECORDED IN VOLUME 86 OF PLATS AT PAGES 31 THROUGH 34, F.C.R.
- RECORD DATA PER PARCEL MAP No. 4128 RECORDED IN BOOK 36 OF PARCEL MAPS AT PAGES 16 AND 17, F.C.R.
- RECORD DATA PER RECORD OF SURVEY RECORDED IN BOOK 48 OF RECORD OF SURVEYS AT PAGE 48 AND 49, F.C.R.
- RECORD DATA PER RECORD OF SURVEY RECORDED IN BOOK 52 OF RECORD OF SURVEYS AT PAGE 59, F.C.R.
- RECORD DATA PER RECORD OF SURVEY RECORDED IN BOOK 58 OF RECORD OF SURVEYS AT PAGE 94, F.C.R.
- PARCEL OF PARCEL MAP No. 7077 RECORDED IN BOOK 58 OF PARCEL MAPS AT PAGES 74 AND 75, F.C.R.
- PARCEL OF PARCEL MAP No. 3473 RECORDED IN BOOK 25 OF PARCEL MAPS AT PAGES 79 AND 80, F.C.R.
- LOT PER TRACT No. 6082, RECORDED IN VOLUME 86 OF PLATS AT PAGES 31 THROUGH 34, F.C.R.
- EASEMENT RECORDED NOVEMBER 15, 1921 IN VOLUME 140 OF OFFICIAL RECORDS AT PAGE 388, O.R.F.C.
- F.C.R. INDICATES AREA NOW DEDICATED
- O.R.F.C. FRESNO COUNTY RECORDS
- OFFICIAL RECORDS OF FRESNO COUNTY
- THE BLUE BORDER INDICATES THE LIMITS OF THIS SUBDIVISION.

THE REAL PROPERTY DESCRIBED BELOW IS
DEDICATED IN FEE FOR PUBLIC PURPOSES.

PUBLIC STREET AND UTILITIES.

SCALE: 1" = 200'

0' 200' 400' 600'

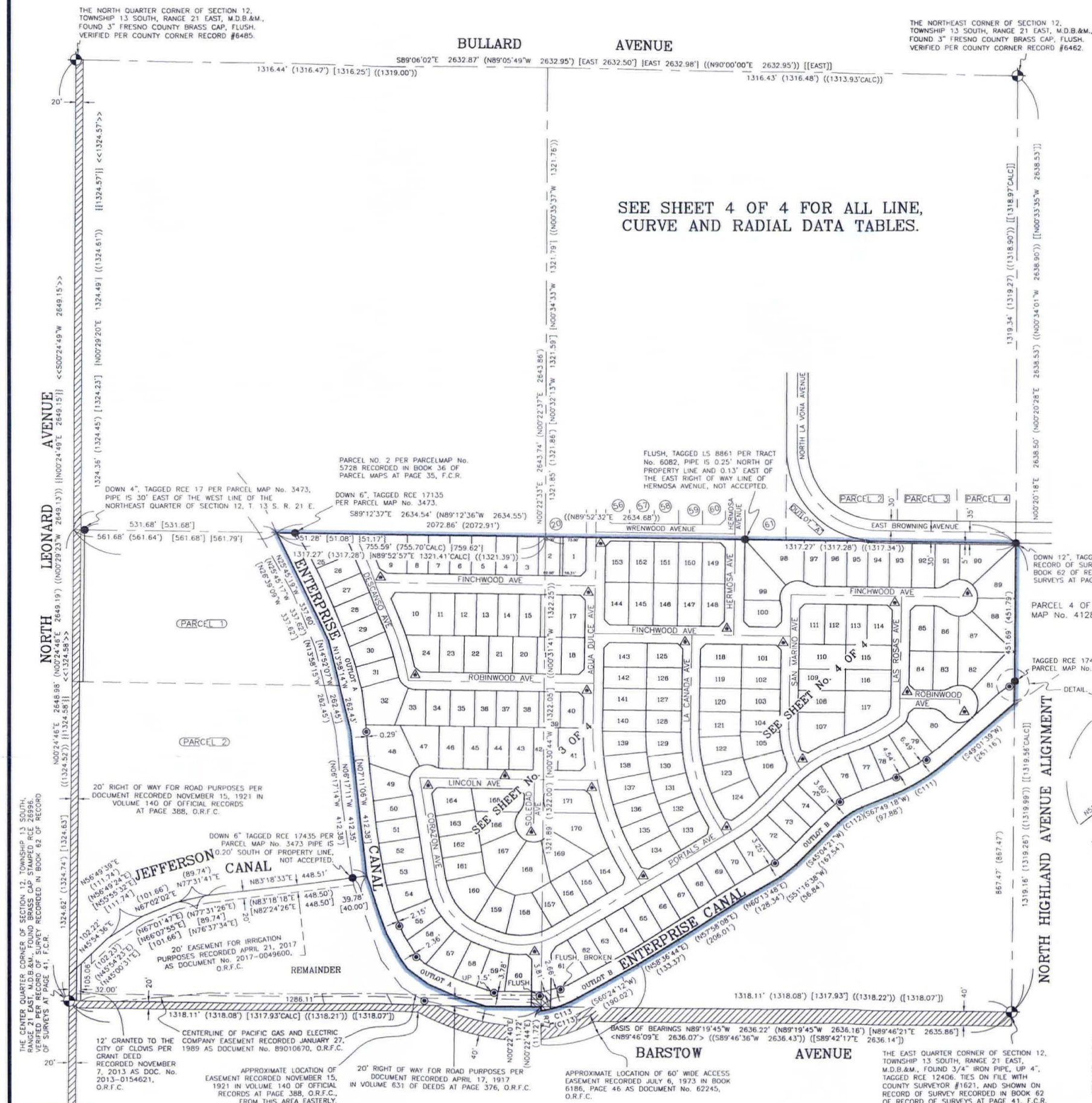


Harbour & Associates
Civil Engineers
389 CLOVIS AVENUE # 300 • Clovis, California 93612
(559) 325-7676 • Fax (559) 325-7690 • e-mail: h&a@h&a.com

BASIS OF BEARINGS:

THE SOUTH LINE OF THE NORTHEAST QUARTER OF SECTION 12, TOWNSHIP 13 SOUTH, RANGE 21 EAST, M.D.B.&M., WAS TAKEN TO BE NORTH 89°19'45" WEST, AS SHOWN ON RECORD OF SURVEY RECORDED IN BOOK 62 OF RECORD OF SURVEYS AT PAGE 41, FRESNO COUNTY RECORDS.

SEE SHEET 4 OF 4 FOR ALL LINE,
CURVE AND RADIAL DATA TABLES.



TRACT NO. 6120

IN THE CITY OF CLOVIS, FRESNO COUNTY,
CALIFORNIA, SURVEYED AND PLATTED IN
AUGUST, 2016 BY HARBOUR AND ASSOCIATES
CONSISTING OF 4 SHEETS
SHEET 3 OF 4

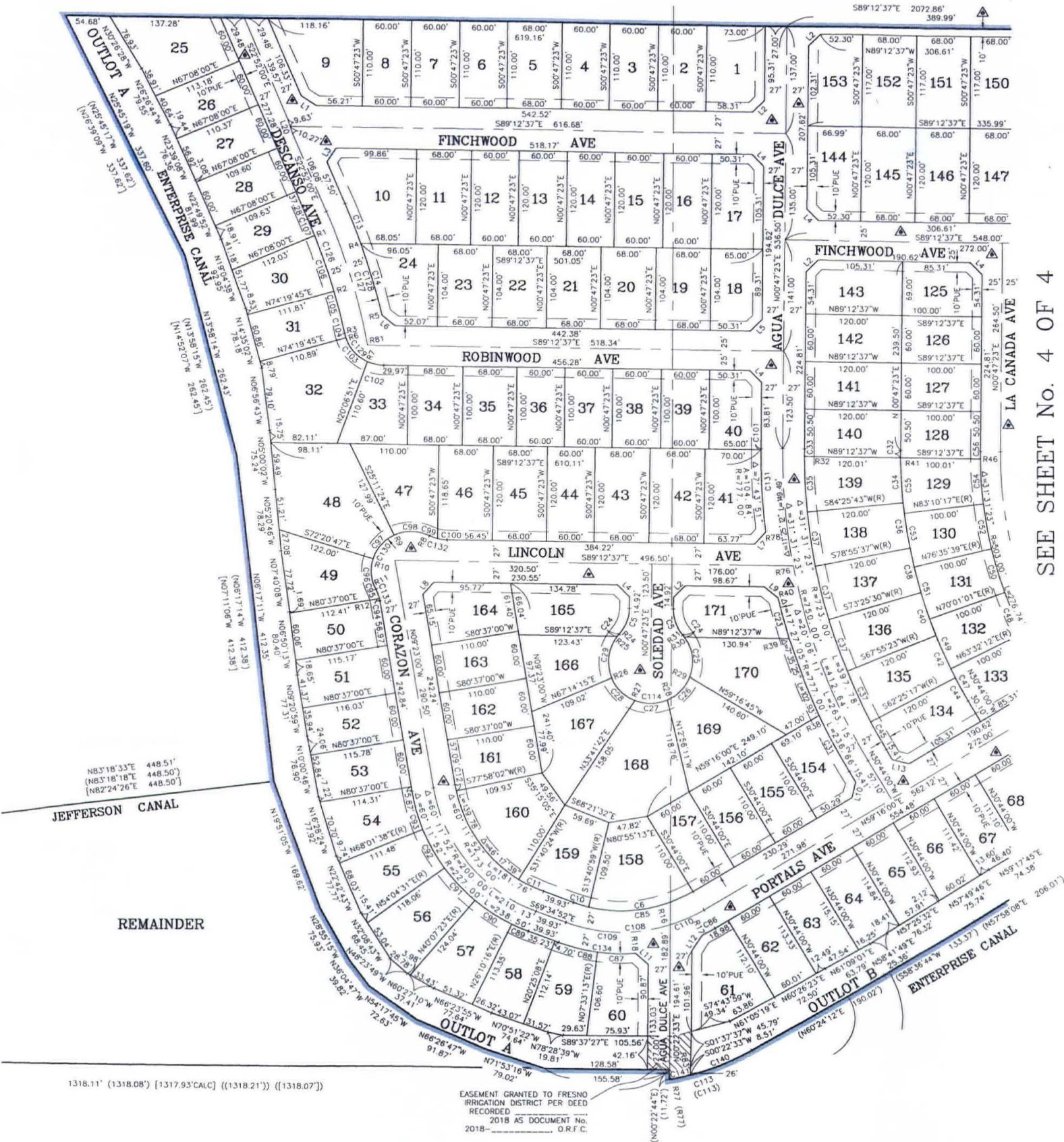
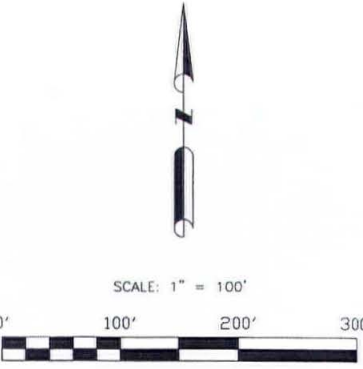
SEE SHEET 4 OF 4 FOR ALL LINE, CURVE
AND RADIAL DATA TABLES.

- LEGEND:
- FOUND SECTION CORNER AS NOTED.
 - FOUND 3/4" IRON PIPE, UNLESS OTHERWISE NOTED.
 - FOUND CONCRETE FID MONUMENT, UP 2' UNLESS OTHERWISE NOTED.
 - RECORD DATA PER RECORD OF SURVEY RECORDED IN BOOK 62 OF RECORD OF SURVEYS AT PAGE 41, F.C.R., ALSO INDICATES MEASURED DATA IF NOT SEPARATED.
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 - RECORD DATA PER RECORD OF SURVEY RECORDED IN BOOK 52 OF RECORD OF SURVEYS AT PAGE 59, F.C.R.
 - RECORD DATA PER RECORD OF SURVEY RECORDED IN BOOK 58 OF RECORD OF SURVEYS AT PAGE 94, F.C.R.
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 - EASEMENT RECORDED NOVEMBER 15, 1921 IN VOLUME 140 OF OFFICIAL RECORDS AT PAGE 388, O.R.F.C.
 - F.C.R. FRESNO COUNTY RECORDS
 - O.R.F.C. OFFICIAL RECORDS OF FRESNO COUNTY
 - THE BLUE BORDER INDICATES THE LIMITS OF THIS SUBDIVISION.

OUTLOT SCHEDULE:
OUTLOTS A & B TO BE DEEDED TO FRESNO IRRIGATION DISTRICT FOR CANAL PURPOSES.

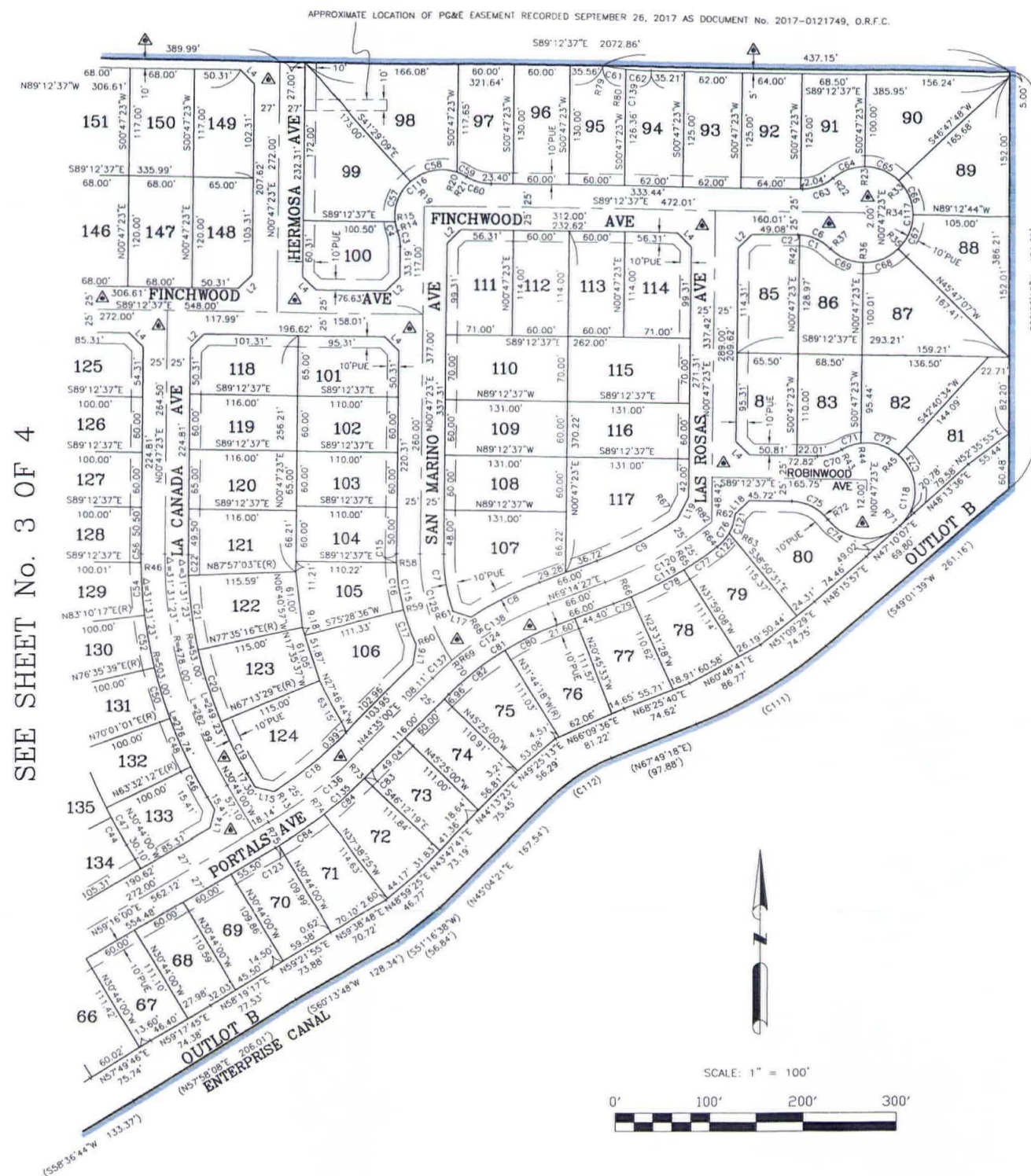
THE REAL PROPERTY DESCRIBED BELOW IS
DEDICATED IN FEE FOR PUBLIC PURPOSES.

PUBLIC STREET AND UTILITIES.



SEE SHEET No. 4 OF 4

SEE SHEET No. 3 OF 4



CURVE DATA:

CURVE NUMBER	DELTA	RADIUS	ARC LENGTH	CHORD LENGTH
C1	42°19'14"	50.00'	36.93'	36.10'
C2	1°58'48"	50.00'	1.73'	1.73'
C3	19°56'54"	50.00'	17.41'	17.32'
C4	11°54'02"	50.00'	10.39'	10.37'
C5	40°59'00"	50.00'	35.76'	35.01'
C6	44°18'02"	50.00'	38.66'	37.70'
C7	19°54'47"	181.00'	62.91'	62.59'
C8	12°47'50"	373.00'	83.31'	83.14'
C9	14°51'34"	377.00'	97.77'	97.50'
C10	0°59'12"	173.00'	2.98'	2.98'
C11	17°00'13"	177.00'	52.53'	52.34'
C12	2°38'58"	177.00'	8.18'	8.18'
C13	3°45'20"	823.00'	53.95'	53.94'
C14	6°34'48"	823.00'	94.52'	94.46'
C15	2°28'52"	231.00'	10.00'	10.00'
C16	12°49'57"	231.00'	51.74'	51.63'
C17	9°55'31"	231.00'	40.02'	39.97'
C18	12°03'54"	477.00'	100.44'	100.26'
C19	9°24'07"	499.42'	81.95'	81.86'
C20	10°21'47"	453.00'	81.93'	81.82'
C21	10°21'47"	453.00'	81.93'	81.82'
C22	2°50'20"	453.00'	22.44'	22.44'
C23	3°57'32"	777.00'	53.69'	53.68'
C24	3°41'57"	52.00'	3.36'	3.36'
C25	58°00'44"	52.00'	52.65'	50.43'
C26	45°14'05"	52.00'	41.06'	40.00'
C27	45°14'41"	52.00'	41.06'	40.00'
C28	45°14'23"	52.00'	41.06'	40.00'
C29	60°50'13"	52.00'	55.21'	52.66'
C30	5°23'01"	52.00'	4.89'	4.88'
C31	5°54'08"	777.00'	80.04'	80.01'
C32	0°54'10"	603.00'	9.50'	9.50'
C33	0°45'10"	723.00'	9.50'	9.50'
C34	5°27'30"	603.00'	57.45'	57.42'
C35	5°36'29"	723.00'	70.77'	70.74'
C36	5°30'07"	603.00'	57.90'	57.88'
C37	5°30'07"	723.00'	69.43'	69.40'
C38	5°30'07"	603.00'	57.90'	57.88'
C39	13°16'39"	200.00'	46.35'	46.24'
C40	5°30'07"	603.00'	57.90'	57.88'
C41	14°41'00"	527.00'	135.06'	134.69'
C42	5°30'07"	603.00'	57.90'	57.88'
C43	18°47'39"	500.00'	164.01'	163.28'
C44	3°09'16"	603.00'	33.20'	33.20'
C45	3°09'16"	723.00'	39.81'	39.80'
C46	4°16'12"	503.00'	37.49'	37.48'
C47	4°16'12"	603.00'	44.94'	44.93'
C48	6°28'49"	503.00'	56.89'	56.86'
C49	6°28'49"	603.00'	68.20'	68.16'
C50	6°34'38"	503.00'	57.74'	57.71'
C51	6°34'38"	603.00'	69.22'	69.18'
C52	6°34'38"	503.00'	57.74'	57.71'
C53	6°34'38"	603.00'	69.22'	69.18'
C54	6°32'10"	503.00'	57.38'	57.35'
C55	6°42'56"	603.00'	70.68'	70.64'
C56	1°04'56"	503.00'	9.50'	9.50'
C57	55°46'20"	50.00'	48.67'	46.77'
C58	61°01'43"	50.00'	53.26'	50.78'
C59	13°02'07"	50.00'	11.35'	11.35'
C60	31°47'18"	50.00'	27.74'	27.39'
C61	5°20'42"	265.00'	24.72'	24.71'
C62	5°48'10"	265.00'	26.83'	26.83'
C63	40°58'59"	50.00'	35.76'	35.01'
C64	40°30'07"	52.00'	36.76'	36.00'
C65	45°14'23"	52.00'	41.06'	40.00'
C66	45°14'23"	52.00'	41.06'	40.00'
C67	45°14'23"	52.00'	41.06'	40.00'
C68	45°52'36"	52.00'	41.64'	40.53'
C69	43°11'10"	52.00'	39.19'	38.27'
C70	31°28'01"	50.00'	27.46'	27.12'
C71	24°00'20"	52.00'	21.79'	21.63'
C72	47°38'15"	52.00'	43.23'	42.00'
C73	96°12'10"	52.00'	87.31'	77.41'
C74	95°28'36"	52.00'	86.65'	76.97'
C75	51°51'20"	50.00'	45.25'	43.72'
C76	47°59'04"	50.00'	41.87'	40.66'
C77	4°19'32"	427.00'	32.24'	32.23'
C78	8°02'59"	427.00'	59.99'	59.94'
C79	2°45'55"	427.00'	20.61'	20.61'
C80	10°58'45"	323.00'	61.89'	61.89'
C81	24°39'27"	323.00'	139.00'	137.93'
C82	13°40'42"	323.00'	77.11'	76.93'
C83	1°21'31"	527.00'	12.50'	12.50'
C84	6°25'04"	527.00'	59.03'	59.00'
C85	51°09'08"	173.00'	154.45'	149.37'
C86	4°44'24"	227.00'	18.78'	18.77'
C87	11°59'24"	227.00'	47.50'	47.42'
C88	12°51'55"	227.00'	50.97'	50.86'
C89	5°45'08"	227.00'	22.79'	22.78'
C90	13°57'07"	227.00'	55.28'	55.14'
C91	13°57'07"	227.00'	55.28'	55.14'
C92	13°57'07"	227.00'	55.28'	55.14'
C93	12°35'22"	227.00'	49.88'	49.78'
C94	3°28'12"	50.00'	3.03'	3.03'

TRACT NO. 6120

IN THE CITY OF CLOVIS, FRESNO COUNTY,
CALIFORNIA, SURVEYED AND PLATTED IN
AUGUST, 2016 BY HARBOUR AND ASSOCIATES
CONSISTING OF 4 SHEETS
SHEET 4 OF 4

SEE SHEET 3 OF 4 FOR LEGEND.

CURVE DATA:

CURVE NUMBER	DELTA	RADIUS	ARC LENGTH	CHORD LENGTH
C95	14°43'30"	50.00'	12.85'	12.81'
C96	45°13'55"	50.00'	39.47'	38.46'
C97	47°09'23"	50.00'	41.15'	40.00'
C98	51°49'18"	50.00'	45.22'	43.70'
C99	12°28'42"	50.00'	10.89'	10.87'
C100	13°21'49"	50.00'	11.66'	11.64'
C101	0°06'39"	777.00'	1.50'	1.50'
C102	24°07'07"	50.00'	21.05'	20.89'
C103	47°09'23"	50.00'	41.15'	40.00'
C104	6°22'00"	50.00'	5.56'	5.55'
C105	4°06'08"	773.00'	55.34'	55.33'
C106	5°30'41"	773.00'	74.36'	74.33'
C107	14°14'04"	773.00'	22.73'	22.72'
C108	51°09'08"	200.00'	178.55'	172.68'
C109	3°52'29"	200.00'	132.21'	129.81'
C110	1°16'39"	200.00'	46.35'	46.24'
(C111)	(18°47'39")	(500.00')	(164.01')	(163.28')
(C112)	(22°44'57")	(200.00')	(79.41')	(78.89')
C113	20°11'39"	310.00'	109.26'	108.70'
(C113)	(20°12'00")	(310.00')	(109.29')	(108.70')
C114	26°15'08"	52.00'	232.75'	78.51'
C115	25°14'20"	231.00'	101.76'	100.94'
C116	14°14'12"	50.00'	123.69'	94.48'
C117	26°57'01"	52.00'	240.76'	76.50'
C118	26°31'19"	52.00'	238.98'	77.70'
C119	17°04'14"	427.00'	127.22'	126.75'
C120	18°48'30"	402.00'	131.96'	131.37'
C121	25°02'03"	50.00'	21.85'	21.67'
C122	22°57'00"	50.00'	20.03'	19.89'
C123	0°09'21"	527.00'	4.50'	4.50'
C124	24°39'27"	348.00'	149.76'	148.61'
C125	34°00'33"	206.00'	122.28'	120.49'
C126	11°17'53"	773.00'	152.43'	152.18'
C127	12°44'18"	798.00'	177.42'	177.05'
C128	10°20'08"	823.00'	148.46'	148.26'
C129	7°38'30"	50.00'	67.76'	62.69'
C130	144°12'36"	50.00'	125.85'	95.16'
C131	7°50'29"	777.00'	106.34'	106.26'
C132	25°50'31"	50.00'	22.55'	22.36'
C133	18°11'42"	50.00'	15.88'	15.81'
C134	24°51'19"	227.00'	98.47'	97.70'
C135	14°41'00"	827.00'	135.06'	134.69'
C136	14°41'00"	502.00'	28.65'	28.30'
C137	4°43'08"	348.00'	28.66'	28.65'
C138	19°56'19"	348.00'	121.10'	120.49'
C139	11°08'52"	265.00'	51.56'	51.48'
C140	15°16'31"	310.00'	82.65'	82.40'
C141	4°55'08"	310.00'	26.61'	26.61'

LINE DATA:

LINE NUMBER	BEARING	DISTANCE
L1	S56°02'18"E	23.04'
L2	N45°47'23"E	20.77'
L3	N33°57'42"E	20.60'
L4	S44°12'37"E	20.77'
L5	S45°47'23"W	20.77'
L6	S50°44'54"E	21.67'
L7	S41°50'34"W	20.54'
L8	S40°42'12"W	20.51'
L9	S51°06'45"E	21.75'
L10	S14°16'00"W	20.77'
L11	S47°09'48"E	20.60'
L12	N32°54'00"E	23.40'
L13	S75°44'00"E	20.77'
L14	N14°16'00"E	20.77'
L15	N76°57'36"W	20.67'
L16	N09°29'29"E	22.53'
L17	S71°19'45"E	20.49'
L18	N46°24'33"E	20.87'
L19	S26°58'03"W	26.19'
L20	S17°05'53"E	19.90'

RADIAL DATA:

RADIAL NUMBER	RADIAL BEARING	RADIUS
R1	N68°49'04"E	773.00'
R2	N74°19'45"E	773.00'
R3	N78°25'53"E	773.00'
R4	N70°53'20"E	823.00'
R5	N77°28'08"E	823.00'
R6	S72°03'53"W	50.00'
R7	S24°54'30"W	50.00'
R8	N26°37'54"E	50.00'
R9	N25°11'24"W	50.00'
R10	N72°20'47"W	50.00'
R11	S62°25'18"W	50.00'
R12	N77°08'48"E	50.00'
R13	S33°21'06"E	477.00'
R14	S70°50'29"W	50.00'
R15	S82°44'31"W	50.00'
R16	S17°27'21"E	200.00'
R17	S25°59'36"E	227.00'
R18	S04°26'11"E	227.00'
R19	N41°29'09"W	50.00'
R20	N19°32'35"E	50.00'
R21	N32°34'41"E	50.00'
R22	N40°11'36"W	52.00'
R23	N00°18'30"E	52.00'
R24	N48°13'37"W	52.00'
R25	N51°55'34"W	52.00'
R26	S67°14'13"W	52.00'
R27	S21°59'50"W	52.00'
R28	S23°14'51"E	52.00'
R29	S68°28'56"E	52.00'
R30	N53°30'20"E	52.00'
R31	N49°48'23"E	52.00'
R32	N89°57'47"W	723.00'
R33	N45°32'53"E	52.00'
R34	S89°12'44"E	52.00'
R35	S43°58'21"E	52.00'
R36	S01°54'16"W	52.00'
R37	S45°05'25"W	52.00'
R38	S65°10'08"W	777.00'
R39	S72°45'33"W	777.00'
R40	S76°43'05"W	777.00'
R41	S89°53'14"W	603.00'
R42	N02°46'11"E	50.00'
R43	N30°40'38"W	52.00'
R44	N06°40'18"W	52.00'
R45	N40°57'57"E	52.00'
R46	S89°42'27"W	503.00'
R47	S88°18'31"W	231.00'
R48	S75°28'34"W	231.00'
R49	S65°33'03"W	231.00'
R50	S70°52'36"W	181.00'
R51	S85°48'51"E	50.00'
R52	S60°46'48"E	50.00'
R53	S37°49'47"E	427.00'
R54	S31°59'08"E	427.00'
R55	S23°31'28"E	427.00'
R56	S35°37'07"E	377.00'
R57	N33°33'23"W	373.00'
R58	S56°46'54"W	206.00'
R59	N40°41'52"W	348.00'
R60	S42°49'53"E	52.00'
R61	S52°38'43"W	52.00'
R62	S44°03'29"E	527.00'
R63	S37°38'25"E	527.00'
R64	S31°13'21"E	527.00'
R65	S79°22'11"W	750.00'
R66	S09°24'09"E	310.00'
(R77)	(N09°23'48"W)	(310.00')
R78	S82°56'54"W	777.00'
R79	S11°56'15"W	265.00'
R80	S06°35'33"W	265.00'
R81	N79°52'18"E	798.00'
R82	S39°34'03"E	402.00'
R83	S14°19'17"E	310.00'

THE REAL PROPERTY DESCRIBED BELOW IS
DEDICATED IN FEE FOR PUBLIC PURPOSES.

▲ PUBLIC STREET AND UTILITIES.



Harbour & Associates
Civil Engineers
389 CLOVIS AVENUE # 300 • Clovis, California 93612
(559) 325 - 7676 • Fax (559) 325 - 7699 • e-mail h&a@h-a.com

17-067
H&A LEONARD & BARSTOW



AGENDA ITEM NO: CC-F-7
City Manager: skt

CITY *of* CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Planning and Development Services

DATE: February 20, 2018

SUBJECT: Approval – Res. 18-____, Annexation of Proposed Tract 6120, located at the northeast area of Leonard and Barstow Avenues, to the Landscape Maintenance District No. 1 (BN 6120 LP, Bonadelle Neighborhoods).

ATTACHMENT: (A) Res. 18-____

CONFLICT OF INTEREST

None

RECOMMENDATION

For the City Council to approve Res. 18-____, that will annex proposed Tract 6120, which is located in the northeast area of Leonard and Barstow, to the Landscape Maintenance District No. 1 of the City of Clovis.

EXECUTIVE SUMMARY

The owner and subdivider, BN 6120 LP (Bonadelle Neighborhoods), has requested to be annexed to the Landscape Maintenance District No. 1 of the City of Clovis as set forth by the Conditions of Approval for Tentative Tract Map 6120.

BACKGROUND

Bonadelle Neighborhoods, the developer of Tract 6120, has executed a covenant that this development be annexed to the City of Clovis LMD No. 1. Council formed the original District

on July 15, 1985, for the purpose of funding the maintenance of landscaped areas and parks. Each annexation to the District has a separate assessment so that the cost of landscape maintenance of this landscaped area will be borne entirely by the benefit area that includes this tract.

Under the provisions of the Landscaping and Lighting Act of 1972, and in accordance with Article XIII C and Article XIII D of Proposition 218, all the owners of property proposed for annexation have provided a written request and consent to annexation, and have executed a covenant (petition) indicating acceptance of the annual assessment.

FISCAL IMPACT

This project will add landscaping to the Landscape Maintenance District No. 1 of the City of Clovis shown as follows:

	<u>Tract 6120</u>	<u>Year to Date</u>
LMD Landscaping added:	0.000 acres	7.140 acres
Resource needs added:	0.000 person	0.714 person

The resource needs estimate is based on 1 person per 10 acres of landscaped area.

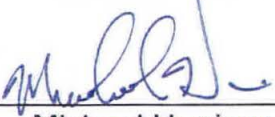
REASON FOR RECOMMENDATION


The property owners for the subject tract have requested annexation into the City of Clovis LMD No. 1.

ACTIONS FOLLOWING APPROVAL

Tract 6120 shall become a part of City of Clovis LMD No. 1 and will be assessed next year for maintenance costs.

Prepared by: Gene G. Abella, Assistant Engineer

Submitted by: 
Michael Harrison
City Engineer

Recommended by: 
Dwight Kroll, AICP
Director of Planning
And Development
Services

RESOLUTION 18- ____

**A RESOLUTION OF THE COUNCIL OF THE CITY OF CLOVIS, CALIFORNIA,
APPROVING ANNEXATION TO LANDSCAPING MAINTENANCE DISTRICT NO. 1
OF THE CITY OF CLOVIS**

WHEREAS, City of Clovis Landscape Maintenance District No. 1 ("District") was formed by Resolution No. 85-78, adopted July 15, 1985, pursuant to Part 2 of Division 15 of the Streets and Highways Code (Landscape and Lighting Act of 1972), herein the "Act"; and

WHEREAS, all of the owners of property proposed to be annexed to the District consisting of proposed Tract No. 6120, as described in Exhibit "A" attached hereto and incorporated herein by reference, have consented to said annexation and such annexation may be ordered without notice and hearing or filing of engineer's report, or both.

NOW, THEREFORE, IT IS RESOLVED AND ORDERED, as follows:

1. That the public interest and convenience require that certain property described in Exhibit "A" attached hereto and by reference incorporated herein be annexed into Landscape Maintenance District No. 1 of the City of Clovis for the maintenance and servicing of landscaping facilities.

2. The City Clerk shall receive and file the maps showing the boundaries of the areas annexed as set forth in Exhibit "A" which boundaries shall be used for assessment proceedings until and unless a change of organization is approved pursuant to the Act.

* * * * *

The foregoing resolution was introduced and adopted at a regular meeting of the City Council of the City of Clovis held on February 20, 2018 by the following vote, to wit.

AYES:

NOES:

ABSENT:

ABSTAIN:

DATED:

Mayor

City Clerk

Exhibit "A"

LOTS 1 THROUGH 171, INCLUSIVE, OF TRACT MAP 6120, RECORDED IN VOLUME
_____, OF PLATS, PAGES _____ THROUGH _____, FRESNO COUNTY RECORDS.



AGENDA ITEM NO: CC-F-8

City Manager: AA

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Planning and Development Services Department

DATE: February 20, 2018

SUBJECT: Approval – Bid Award for CIP 16-22, Sierra Bicentennial Park Arbor, and;
Authorize the City Manager to execute the contract on behalf of the City.

ATTACHMENT: (A) Vicinity Map

CONFLICT OF INTEREST

None

RECOMMENDATION

1. For the City Council to award a contract for CIP 16-22, Sierra Bicentennial Park Arbor, to Steve Dovali Construction Inc., in the amount of \$61,502.14 and;
2. For the City Council to authorize the City Manager to execute the contract on behalf of the City.

EXECUTIVE SUMMARY

The project consists of installing steel rafters for the Sierra Bicentennial Park south restroom arbor. Construction will also include removal and disposal of the existing wood façade, painting, electrical, installation of LED luminaires, and miscellaneous facilities.

BACKGROUND

The following is a summary of the bid results of February 6, 2018:

BIDDERS	BASE BIDS
Steve Dovali Construction, Inc.	\$ 61,502.14
Divcon, Inc.	\$ 83,273.18
JT2 INC DBA Tood Companies	\$ 97,586.00
GC Builders	\$ 109,983.65
ENGINEER'S ESTIMATE	\$ 56,320.00

All bids were examined and the bidder's submittals were found to be in order. Steve Dovali Construction, Inc. is the lowest apparent bidder. Staff has validated the lowest bidder contractor's license status; the contractor is in good standing with no record of complaints or violations recorded in the last three years.

FISCAL IMPACT

This project was budgeted in the 2016-2017 Community Investment Program. The project is supported solely by the General Fund.

REASON FOR RECOMMENDATION

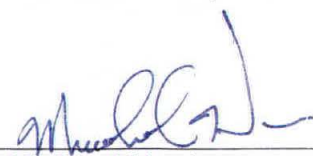
Steve Dovali Construction, Inc. is the lowest responsible bidder. There are sufficient funds available for the anticipated cost of this project.

ACTIONS FOLLOWING APPROVAL

1. The contract will be prepared and executed, subject to the Contractor providing performance security that is satisfactory to the City.
2. Construction will begin approximately two (2) weeks after contract execution and be completed in fifteen (15) working days thereafter.

Prepared by: Fernando J Copetti, Project Engineer

Submitted by:

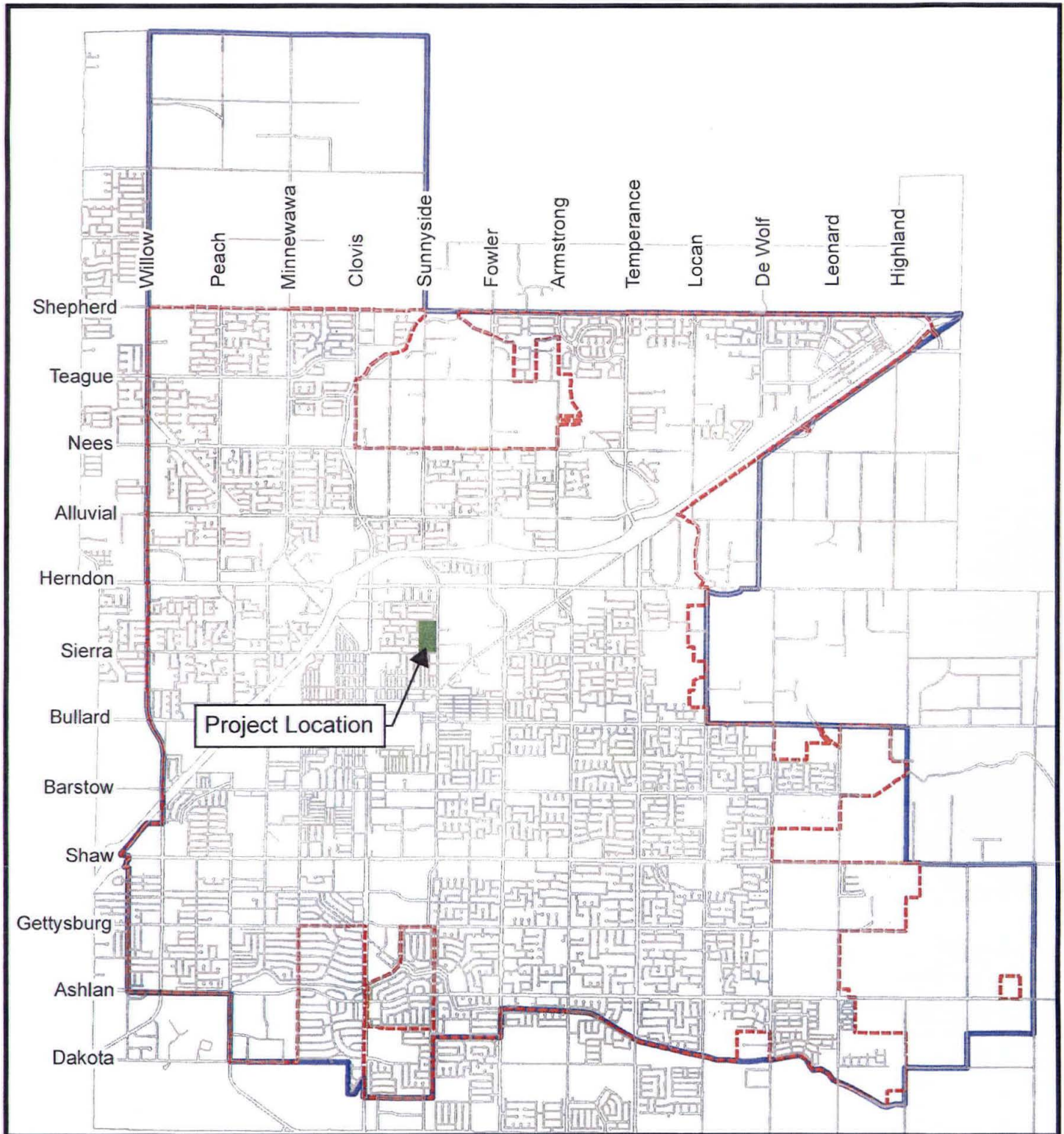

Michael Harrison
City Engineer

Recommended by:


Dwight Kroll
Director of Planning and
Development Services

VICINITY MAP

CIP 16-22 Sierra Bicentennial Park - South Restroom Arbor



ATTACHMENT A



February 20, 2018

 CITY LIMITS  SPHERE OF INFLUENCE

Prepared By: Fernando Copetti



AGENDA ITEM NO: **CC-H-1**
City Manager: LD

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Public Utilities Department

DATE: February 20, 2018

SUBJECT: Approval – Authorize the City Manager to establish Sub Lease Rates with 5 Bars Communications

ATTACHMENTS: (A) XG Communities: Evaluating Lease Rates for City Assets

CONFLICT OF INTEREST

None

RECOMMENDATION

For the City Council to authorize the City Manager to establish sub lease rates for 5 Bars Communications.

EXECUTIVE SUMMARY

The City entered into an agreement with 5 Bars Communications (5 Bars) on September 12, 2017 to market City assets and license the wireless telecommunications within the public right-of-way. 5 Bars has conducted market studies on the value of lease rates. 5 Bars is recommending a rate of \$150 per month per site. 5 Bars has been given a list of City assets and has made those available on their reservation site.

City staff has reviewed the recommendation by 5 Bars and believes establishing an initial rate of \$150 per month per site is prudent and provides an opportunity for the telecom companies to expand capacity within the City of Clovis. This rate is consistent with what other cities are charging and should not be a barrier to expanding 5G services within the City of Clovis. This action will allow the City Manager to modify rates as necessary to adapt to an ever-changing marketplace.

The rates are comparable to the rates initially established by the City of Fresno that are \$180 per location.

BACKGROUND

On September 11, 2017 the City Council granted 5 Bars the exclusive right to market and license wireless telecommunication facilities in the public right-of-way for a period of 5 years. All wireless vendors would be required to work directly with 5 Bars. This action was taken to reduce the administrative burden of City staff in reviewing applications for each wireless telecommunications provider for new facilities across the City, to create a new revenue source to the City, and to address restrictive legislation from the potential passing of SB 649.

Current law authorizes wireless telecommunications providers to co-locate new wireless infrastructure on City assets within the public right-of-way, subject to reasonable time, place, and manner restrictions. Legislation (SB 649) would have substantially restricted the City's ability to regulate new wireless telecommunication facilities, or to receive any income from licensing the installation of wireless equipment on City-owned assets. This legislation was vetoed post approval of the City agreement with 5 Bars but is anticipated to be reintroduced. This legislation would also increase the administrative burden on the City in reviewing applications for each wireless telecommunications provider for new facilities across the City.

5 Bars approached the City with a proposal to act as an intermediary between the City and wireless telecommunications providers. 5 Bars will review existing assets in the City and begin marketing them to interested wireless telecommunications providers for a fee. 5 Bars would be compensated by retaining a percentage of fees collected, with the remainder going to the City. To date, many cities across the state, including Fresno, Tulare, Merced, Ripon, Irvine, and Sacramento, have entered into similar agreements with 5 Bars.

FISCAL IMPACT

The City will receive a percentage of the sublicense fees collected by 5 Bars. The agreement provides for a 65% (City) / 35% (5 Bars) share for new facilities and a 75% (City) / 25% (5 Bars) share for existing facilities.

REASON FOR RECOMMENDATION

5 Bars has been awarded exclusive rights to lease assets. It is necessary for Council to authorize the City Manager to establish the sub lease rate. Rates may be revised over time to adapt to market conditions and to promote the addition of telecom within the community to address expanded cellular capacity needs.

ACTIONS FOLLOWING APPROVAL

The City Manager will establish an initial sub lease rate with 5 Bars Communication of \$150 per month per site and staff will review these rates with 5 Bars during the agreement period for the City Manager to revise as necessary to adjust to market conditions.

Prepared by: Glenn Eastes, Assistant Public Utilities Director

Submitted by: Scott Redelfs, Public Utilities Director

A handwritten signature in blue ink, appearing to be 'SR', is written over a horizontal line.



EVALUATING LEASE RATES FOR CITY ASSETS

2018

5 Bars approach to establishing fair lease rates for city assets

APPROACH	FINDING
1 Benchmarking current rates	5 Bars observed rent/lease rates per year: Mean \$2,600 , Median \$2,270
2 Comparison to macro sites	For equivalent capacity macro spending, implied rates are: \$4,800 to \$6,800 per year
3 Impact on carrier financials	Projected spending on small cells represents a very small proportion of carrier expenses– 2027 spending on small cells is projected to be 1% of 2016 operating expenses
4 Cost based rates	Reimbursement for city-related costs implies \$2,000 per year

The current rates of **\$1,800 to \$2,400 per year** are fair to carriers and allow cities to recover their costs and create a new revenue source, while increasing connectivity for residents

Benchmarking shows annual lease rate of \$2,600

Pole Attachment Rates¹

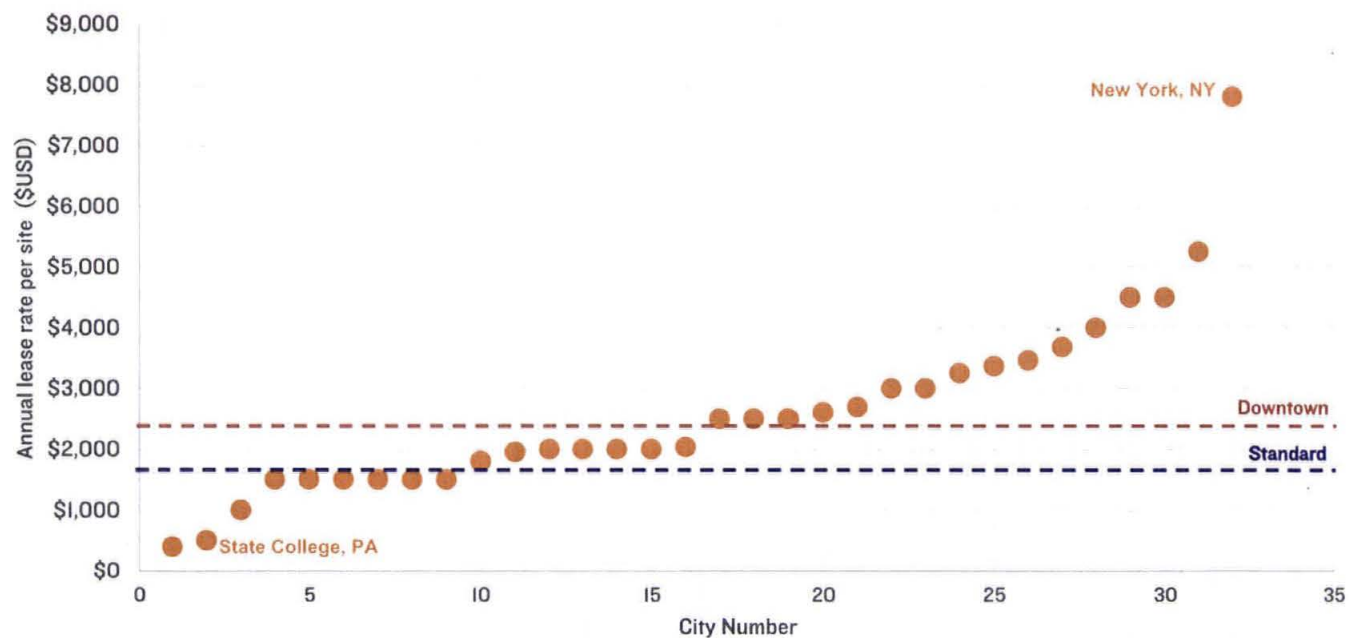
Multi-city Benchmark:

- Mean: \$2,600
- Median: \$2,270

Current Rates:

- Downtown: \$2,400
- Standard: \$1,800

Annual Lease Rate Benchmark



Sources: Public city filings, FCC filings, and news reports

Notes: (1) Pole attachment rates represent the annualized rent/lease prices for the designated locations on city assets for small cell attachment.

Comparison with macro sites suggests lease rates of \$4,800-\$6,800/yr.

Aggregate financial data based on recent results of American Tower, Crown Castle and SBA provides insights into existing carrier infrastructure rates:

Year	2016
US Aggregate Revenue (\$M)	\$8,660
Total Number of Towers	96,156
Annual Revenue per Tower (\$K)	\$90
Average Tenants per Tower	2
Annual Revenue per Tower (\$)	\$45,031

Approximately 7-10 small cells can provide the same capacity as one macro tower site

Given the similar relative capacity, the implied annual lease rate for a small cell is approximately \$4,800 to \$6,800

Sources: Company financial statements

Small cell lease costs have minimal impact on long-term carrier costs

In 2016, carriers spent \$144 billion on operating expenditures

Even in 2027, payments by carriers for small cell leases would represent only 1.1% of 2016 operating expenses

	2014	2015	2016	2017E	2019F	2021F	2023F	2025F	2027F
Macro Cells									
Big 3 Macro Sites Count	83,073	95,542	96,156	97,000	99,000	101,000	103,000	105,000	107,000
Big 3 Macro Site Revenue / Site / Year (\$K)	\$91	\$86	\$90	\$96	\$98	\$100	\$102	\$104	\$106
Big 3 Macro Sites Revenue (\$M)	\$7,539	\$8,217	\$8,660	\$9,353	\$9,737	\$10,132	\$10,539	\$10,959	\$11,391
Total US Macro Site Revenue (\$M)	\$11,598	\$12,642	\$13,323	\$14,389	\$14,979	\$15,588	\$16,214	\$16,860	\$17,524
Projected Small Cells									
Carrier Small Cell Build	-	-	-	10,000	40,000	50,000	70,000	90,000	110,000
Other Small Cell Build (CATV, WiFi, IoT, Etc.)	-	-	-	1,000	5,000	10,000	20,000	30,000	40,000
Total Small Cells	-	-	-	14,000	91,500	209,000	374,000	599,000	884,000
Aggregate Small Cell Lease Revenue (\$M) <i>Assumes \$2,000/site/year</i>	-	-	-	\$17	\$138	\$358	\$658	\$1,078	\$1,618

Sources: Company financial statements, Industry reports

Reimbursement of expected city costs are approximately \$2,000 per year

Sources of Ongoing Costs

Policing of
construction

Frequent carrier
equipment changes

Foregone tax revenue

Impact on Cities

- 30% of San Francisco, CA installations did not match the submitted design
- 42% of Evansville, IL installations did not match the submitted design¹

- Carriers change the equipment on macro sites 1-2 times per year in urban markets
- Small cells may have a lower rate, there is still likely to be frequent changes

- Carlsbad, CA estimated the appraised value of the attachments by Crown Castle to be \$10,800²

Minneapolis operating cost per month of \$163 or \$1,956 annually³

Sources: FCC Filings: (1) <https://ecfsapi.fcc.gov/file/10407829609065/Comments%20of%20City%20w%20exhibits.pdf>, (2) <https://ecfsapi.fcc.gov/file/10408007443665/CCSF's%20Reply%20Comments.pdf>, (3) <https://ecfsapi.fcc.gov/file/10410054621228/Signed%2C%20City%20of%20Minneapolis-Reply%20Comments%204-10-17.pdf>.

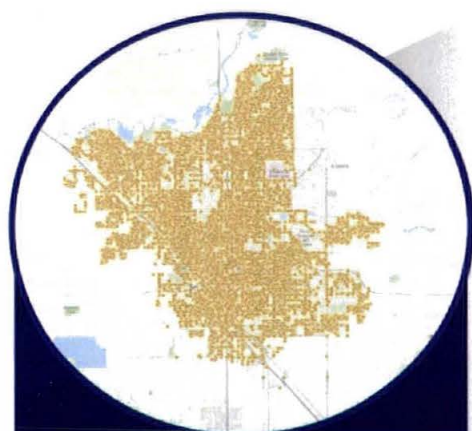


CONSIDERATIONS FOR ADJUSTMENTS

City considerations for rent/lease rates

With 5 Bars' model, cities have the ultimate authority to determine the rent / lease rates for attachment on their assets

Monthly rent/lease rates range depending on unique needs, but 5 Bars has observed cities selecting rates \$150 to \$200 month for the attachment rights on city assets



City assets drive the considerations for rent/lease rates

1. How should a city establish a baseline price?

Understand the city's relative costs and indexing relative to the national average

- Relative cost indexing: Cost indexes relative to the overall national baseline.
- For example:
 - Monthly price of \$150 could imply that a city is average cost
 - Monthly price of \$200 could imply that a city is above average cost

2. When should a city adjust its baseline price?

Consider other factors that could impact the monthly rent/lease rates, including the reaction of wireless service providers. Cities should determine whether to:

- Price at a premium for sites in high traffic or central business districts and/or at a discount for incentivizing deployment in underserved areas of a city
- Provide predictability for wireless service providers by making pricing transparent now and in the future or reserve the ability to change prices in the future
- Reduce the complexity by selecting 1-2 tiers of monthly rent/lease prices or maximize the possible revenue to the city by pricing by site



CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Public Utilities Department

DATE: February 20, 2018

SUBJECT: Receive and File - Public Utilities Monthly Report for November 2017

Herndon Clovis Water Main Break



Around noon on November 17, 2017, a large 14" water main burst under the intersection of Clovis and Herndon causing extensive flooding



Staff worked quickly
to shut down the
main and restore
water to all
customers



The damage resulted in a large sinkhole being formed as well as 50% of the pavement in the intersection being lifted above the subbase





Crews worked into the night, repairing the water main and restoring temporary use of the intersection to traffic



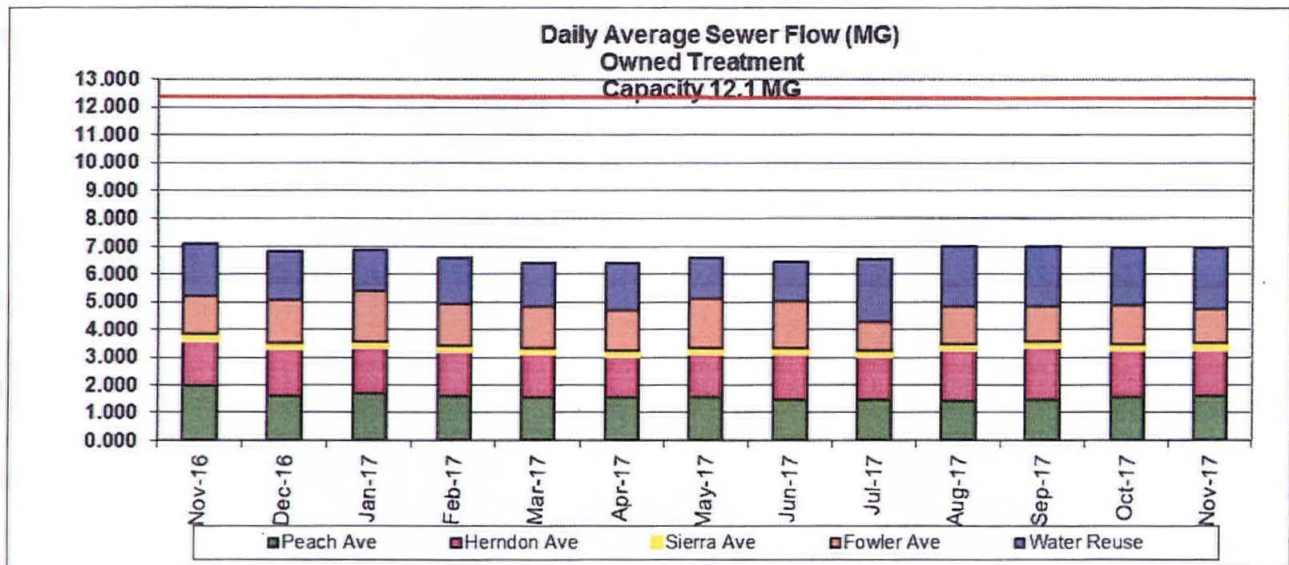
Paving repair work began on Monday, 11/20/2017, removing and replacing 740 tons of asphalt in 2 days



City crews restriped the intersection and it was fully reopened Tuesday evening, 11/21/2017

Sewer Flow

	Total Flow in Million Gallons in November		Average Daily Flow in Million Gallons		Owned Treatment Capacity in Million Gallons
	2017	2016	2017	2016	
Peach Avenue	42.208	59.390	1.607	1.980	3.0
Herndon Avenue	50.385	48.890	1.679	1.630	2.8
Sierra Avenue	6.346	6.306	0.211	0.210	0.5
Fowler Avenue	37.047	41.310	1.235	1.377	3.0
Water Reuse	67.262	57.894	<u>2.242</u>	<u>1.930</u>	<u>2.8</u>
TOTAL			6.974	7.127	12.1

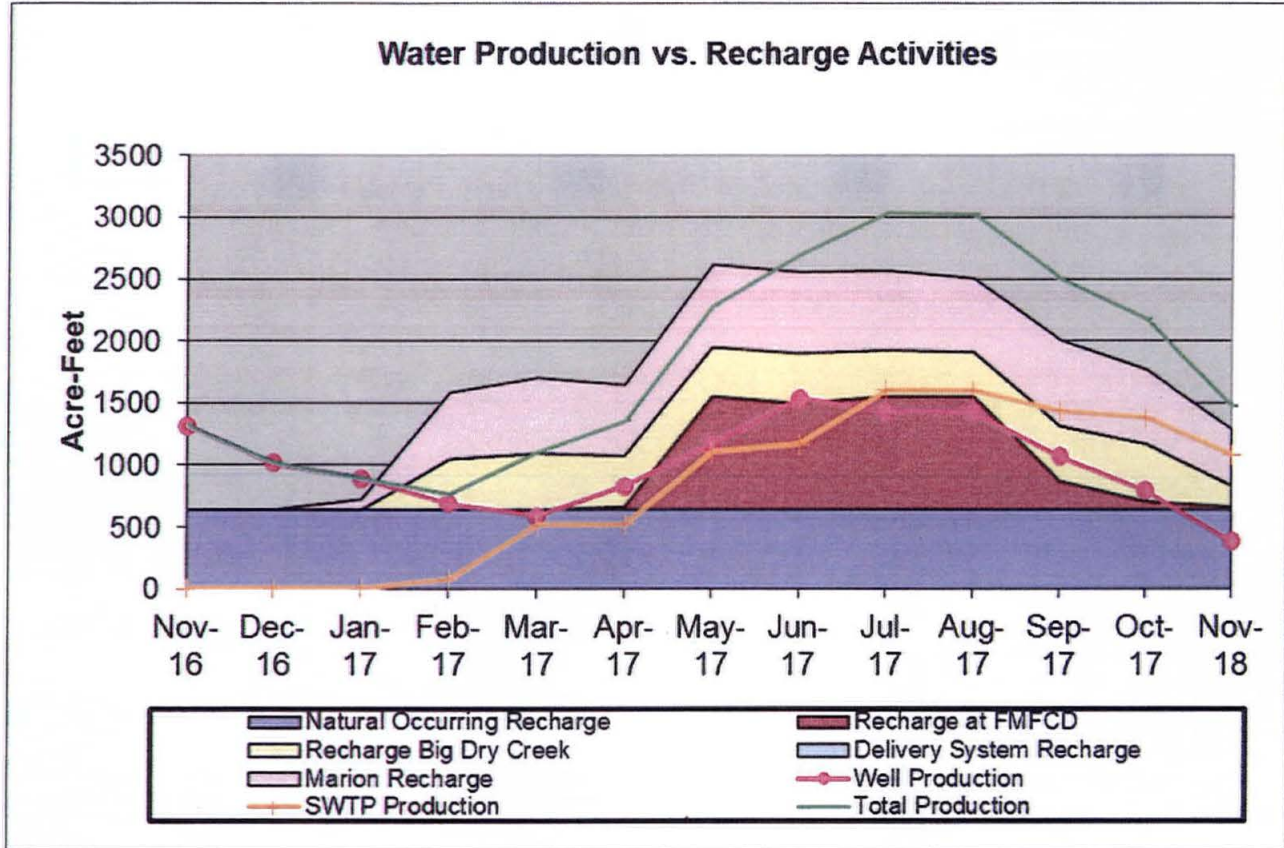


Storm Drain Maintenance

Summary of Activities	November 2017	November 2016	November 2015
Number of storms this month	5	5	4
Total rainfall this month (inches)	0.28	1.38	1.74
Rainfall to date (inches)	0.53	2.05	2.78

WATER PRODUCTION

	This Month	Calendar Year to date
Recharge at FMFCD Basins (Acre Feet)	24	3,930
Recharge Upstream in Big Dry Creek (Acre Feet)	170	3,872
Marion Recharge per FID (Acre Feet)	450	6,073
Delivery System Recharge	0	0
Total Artificial Recharge (Acre Feet)	644	13,874
Natural Recharge	642	7,058
Total Well Production (Acre Feet)	385	10,750
Treatment Plant Production (Acre Feet)	1,081	10,470



Summary of Activities	2017	Year to Date	2016	Year to Date	2015	Year to Date
SWTP production (mg)	352.096	3411.270	0	2550.072	0	2449.936
Well production (mg)	125.403	3502.501	427.382	3999.360	349.215	3779.807
Total water production (mg)	477.499	6913.771	427.382	6549.432	349.215	6229.743
Daily average	15.916	20.699	14.246	19.551	11.641	18.596
Days between readings	30	334	30	335	30	335

Parks Rodeo

The Clovis Parks Division competed this year in the California Parks and Recreation Society's District 7 Parks Rodeo. The rodeo included timed events in two-person crosscut log sawing, backpack blower relay, riding lawn mower obstacle course, irrigation controller programming, irrigation valve assembly, and plant identification.

Visalia's Plaza Park was the location of the rodeo, which drew 90 participants from 11 city, county and park and recreation districts from around the San Joaquin Valley. Scoring in the top five in five separate events, the Clovis Parks Division finished first overall; claiming the championship position for 2017.



Left to Right: Karyn Chilpigan, Robert Peralta, LeAndre Steele, Rickey Coleman (kneeling), Rickson Fisher, Cordey Madden, Eric Aller, Loaland Brittsan, Luis Valtierra



AGENDA ITEM NO: **1-A**
City Manager: LS

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council
FROM: General Services Department
DATE: February 20, 2018

SUBJECT: Consider Introduction - Ord. 18-___, An Ordinance of the City Council of the City of Clovis Adding Article 12 and Sections 2.2.1201-2.2.1205 of Chapter 2.2 – Officers and Employees to the Clovis Municipal Code Pertaining to Background Checks of applicants.

ATTACHMENT: (A) – Draft Ordinance

CONFLICT OF INTEREST

None

RECOMMENDATION

For the City Council to introduce an ordinance of the City Council of the City of Clovis Adding Article 12 and Sections 2.2.1201-2.2.1205 of Chapter 2.2 – Officers and Employees to the Clovis Municipal Code Pertaining to Background Checks of applicants.

EXECUTIVE SUMMARY

The proposed ordinance would allow the City to conduct a criminal history background early in the hiring process. The City does not want to discourage or prevent the hiring of an individual with a criminal history, however, the City has an obligation to ensure the health, safety, and welfare of the community by hiring employees whose background has been properly verified.

BACKGROUND

The City of Clovis has an obligation to its citizens to ensure that employees of the City of Clovis provide the highest professional service. While positions throughout the City are varied in duties, most have some contact with members of the community including children and the elderly. Many handle money, deal with privileged or sensitive information, operate City vehicles, and equipment and perform in other safety sensitive positions. In order to ensure the health, safety and welfare of the community as well as fellow

employees, the proposed ordinance would allow for a criminal background check early in the hiring process.

Employment candidates who have prior convictions for crimes or offenses which negatively impact the public's health, safety and welfare, or would present an undue risk of harm shall be disqualified from employment. Recent State laws encourage the hiring of those with a criminal history but who have been rehabilitated. In order to maintain a fair hiring process, the proposed ordinance allows for an appeal process for applicants whose background disqualifies them from employment with the City of Clovis. An appeal committee will evaluate the position which the applicant would hold, the nature and circumstance of the offense, circumstances, date, age of the person when offense occurred, whether the offense was an isolated incident or involved multiple offenses, and any evidence of rehabilitation.

FISCAL IMPACT

None

REASON FOR RECOMMENDATION

If approved, the Ordinance will allow for background checks to be conducted early in the hiring process, prior to a job offer. This allows for a more streamlined hiring process.

ACTIONS FOLLOWING APPROVAL

This ordinance will return for a second reading on March 12, 2018 and if approved, go into effect 30 days thereafter.

Prepared by: Shonna Halterman, General Services Director



Submitted by: Shonna Halterman, General Services Director

ATTACHMENT A

ORDINANCE NO. 18 - __

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF CLOVIS ADDING
ARTICLE 12 AND SECTIONS 2.2.1201-2.2.1205 OF CHAPTER 2.2 -OFFICERS
AND EMPLOYEES TO THE CLOVIS MUNICIPAL CODE PERTAINING TO
BACKGROUND CHECKS OF APPLICANTS**

WHEREAS, the City has an obligation to the citizens of this community to ensure that the employees of the City are professionally and responsibly served; and

WHEREAS, a number of employment positions in the City require employees to work with minors, the elderly, handle money or public property, work in public safety positions, or be privy to privileged or sensitive information; and

WHEREAS, the City wants to ensure the health, safety and welfare of the community, the City and/or its citizens and ensure there is no risk of harm to any third person or public property; and

WHEREAS, the City does not want to discourage or prevent the hiring of individuals with a criminal history.

NOW THEREFORE, THE CITY COUNCIL OF THE CITY OF CLOVIS DOES ORDAIN AS FOLLOWS:

SECTION 1. Article 12, and Sections 2.2.1201, 2.2.1202, 2.2.1203, 2.2.1204 and 2.2.1205, of Chapter 2.2, are hereby added to the Clovis Municipal Code to read as follows:

Chapter 2.2

OFFICERS AND EMPLOYEES

Article 12. Background Checks

2.2.1201 Applicant Background Check.

All applicants for City employment, prior to being hired or receiving an offer of employment and after the initial screening of the application, shall submit to and provide the necessary information for the purposes of a background check including information regarding criminal history.

2.2.1202 Disqualification

In the event the criminal background check reveals any prior convictions for crimes or offenses which negatively impact the health, safety and welfare of the community, the City, or its citizens, or would create or present an undue risk of harm to third persons in light of the particular position applied for or particular work to be performed the applicant shall be disqualified from employment. Such offenses shall include, but not be limited to crimes against a person, crimes involving theft of property, and crimes against minors, the elderly, or the disabled.

The type of crimes and violations contained in this section is for illustrative purposes only and shall not be construed as a limitation on those criminal activities or violations that would be grounds to disqualify a person as an employee.

2.2.1203 Appeals of Disqualification.

Any person whose criminal history background check disqualifies that person from employment may contest his or her disqualification by challenging the accuracy of the criminal history record or by claiming to be rehabilitated.

- (a) In the event that an applicant claims to be rehabilitated, an appeal can be made to an Appeal Committee, which shall consist of the Department Head over the position for which the applicant has applied, the City Clerk and the General Services Director and/or their designee(s).
- (b) Any such appeal must be made within five (5) working days of the notice of disqualification.
- (c) The appeal will be made in writing by either a narrative statement from the applicant and/or documentation the applicant would like considered. This is an informal appeal process and no evidentiary or in person hearings will be allowed.
- (d) In determining whether a person has affirmatively demonstrated rehabilitation, the Appeal Committee shall consider the following factors:
 - 1. The nature and responsibility of the position which the applicant would hold;
 - 2. The nature and seriousness of the offense;
 - 3. The circumstances under which the offense occurred;
 - 4. The date of the offense;
 - 5. The age of the person when the offense was committed;
 - 6. Whether the offense was an isolated incident or involved multiple offenses;
 - 7. Any social conditions which may have contributed to the offense

8. Any other evidence of rehabilitation, including good conduct in prison or the community, counseling or psychiatric treatment receive, acquisition of additional academic or vocational schooling, successful participation in correctional work-release programs, or the recommendation of those who have had the person under their supervision.
- (e) If the Appeals Committee determines the disqualified person has successfully rehabilitated, the applicant shall continue with the application process.

2.2.1204 Privacy and Confidentiality.

Access to criminal history record information for non-criminal justice purposes, is restricted to members of the City authorized by law to review such information and to the Appeals Committee as identified in Section 2.2.1203, in the event of a claim of rehabilitation. Any and all criminal background information and records shall be exempt from public disclosure under the laws of the State. The records shall only be retained for such period of time as is necessary to serve their intended and authorized purpose or as required by law, and thereafter shall be destroyed in a manner to ensure confidentiality.

2.2.1205 Severability.

In the event that any portion of this Ordinance is found to be invalid for any reasons by any court of competent jurisdiction, such judgment shall be limited in its effect only to that portion of the Ordinance actually adjudged to be invalid, and the remaining portions of this Ordinance shall be deemed severable there from and shall not be affected.

SECTION 2. Effective Date.

This ordinance shall go into effect and be in full force and operation from and after thirty (30) days after its final passage and adoption.

APPROVED:

Mayor

City Clerk

* * * *

The foregoing ordinance was introduced at a regular meeting of the City Council held on _____ 2018 and was adopted at a regular meeting of said Council held on _____, 2018 by the following vote, to wit:

AYES:

NOES:

ABSENT:

ABSTAIN:

DATED _____, 2018

CITY CLERK



AGENDA ITEM NO: **1-B**
City Manager: JA

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Planning and Development Services

DATE: February 20, 2018

SUBJECT: Consider Approval - Res. 18-____, Resolution approving a Proposed Mitigated Negative Declaration and adopting a Mitigation Monitoring Program for Community Investment Project, CIP15-13, Clovis Landfill Left-turn Lane on Auberry Rd.

ATTACHMENTS:

Attachment "A:" Vicinity Map
Attachment "B:" Project Exhibit
Attachment "C:" Resolution
Attachment "D:" Initial Study, Mitigated Negative Declaration, and Mitigation Monitoring Program
Attachment "E:" Comments and Responses

CONFLICT OF INTEREST

None

RECOMMENDATION

For the City Council to approve a resolution approving a Proposed Mitigated Negative Declaration and adopting a Mitigation Monitoring Program for CIP15-13, Clovis Landfill Left-turn Lane on Auberry Road (Attachment "C").

EXECUTIVE SUMMARY

Consistent with the California Environmental Quality Act (CEQA), the attached Initial Study was prepared to analyze the environmental impacts of CIP15-13, Clovis Landfill Left-turn Lane on Auberry Road. The Project includes the construction of a left-turn lane at the Clovis Landfill entrance on Auberry Road to increase vehicular safety. Staff recommends the adoption of a Mitigated Negative Declaration for this project.

BACKGROUND

The proposed project would widen Auberry Road to include a left turn lane at the Clovis Landfill entrance (Attachments "A" and "B"). Construction of the project would also include extension of the underground drainage pipes beneath Auberry Road to accommodate the widening, with the exception of the westernmost pipe. The purpose of the project is to improve safety at this location by clearly delineating the through lanes and the turning lane. The proposed project would consist of approximately 1,600 linear feet along Auberry Road.

Within the study area, Auberry Road currently has one 12-foot travel lane and one 4-foot bike lane in each direction, for a total road width of 32 feet. Both sides of the roadway include a flat, unpaved narrow shoulder. A cut slope is located adjacent to the south side of the roadway. The proposed project would widen the roadway by approximately 12 feet and would require an approximate 4,157 square foot acquisition of right-of-way across APN 300-080-80 and an approximate 6,737 square foot dedication of right-of-way across City-owned APN 300-080-83ST to accommodate the new left turn lane. Grading of the slope on the south side of Auberry Road would be required as part of the proposed project. The final roadway alignment design would avoid disturbance of the land north of Auberry Road.

Consistent with the requirements of CEQA, Staff had an Initial Study prepared to examine the impacts of the project on the natural and man-made environment, which was circulated for public review in early 2017. At that time, staff received comments from the California Department of Fish and Wildlife regarding impacts to species such as the California tiger salamander. Staff has revised the Mitigated Negative Declaration and added mitigation to address the concerns of the CDFW and recirculated it for public review.

Pursuant to the requirements of CEQA, prior to approving a project, the Clovis City Council must consider the proposed Mitigated Negative Declaration together with any comments received during the public review process. Relying on independent judgment, the City Council may approve the Mitigated Negative Declaration if it finds on the basis of the Initial Study, a review of any comments received, and after considering the entire public record, that there is no substantial evidence that the project will have a significant effect on the environment with the incorporation of the identified mitigation measures.

In reference to this project, the Initial Study did not reveal any evidence that a significant environmental effect would result from implementation of this project with the implementation of the identified mitigation measures. Noticing of the proposed Mitigated Negative Declaration was completed in compliance with the requirements of CEQA. Notice of the proposed Mitigated Negative Declaration was published in the Business Journal on Wednesday, December 27, 2017 and was mailed to interested parties and agencies. The Initial Study and Mitigated Negative Declaration was also submitted to the State Clearinghouse for routing to state agencies to review.

Comments and City responses to those comments are attached as Attachment "E." The comments received have been noted and will be considered as the project moves forward. None of the comments received have identified new environmental impacts not covered by the Initial Study and Mitigated Negative Declaration.

The Initial Study, Mitigated Negative Declaration, and associated public record are on file in the Clovis Planning and Development Services Department, and have been available for inspection by the public, agencies, and decision-makers pursuant to the notice published in the Business Journal.

FISCAL IMPACT

This project is budgeted and will be funded by refuse enterprise funds.

REASON FOR RECOMMENDATION


The project is not anticipated to create any significant effects on the environment with the incorporation of the identified mitigation measures. The project will lead to improved vehicular safety on Auberry Road at the Clovis landfill. Adoption of a Mitigated Negative Declaration for this project will satisfy the requirements of CEQA for this project.

ACTIONS FOLLOWING APPROVAL

Staff will file a Notice of Determination with the Fresno County Clerk's Office.

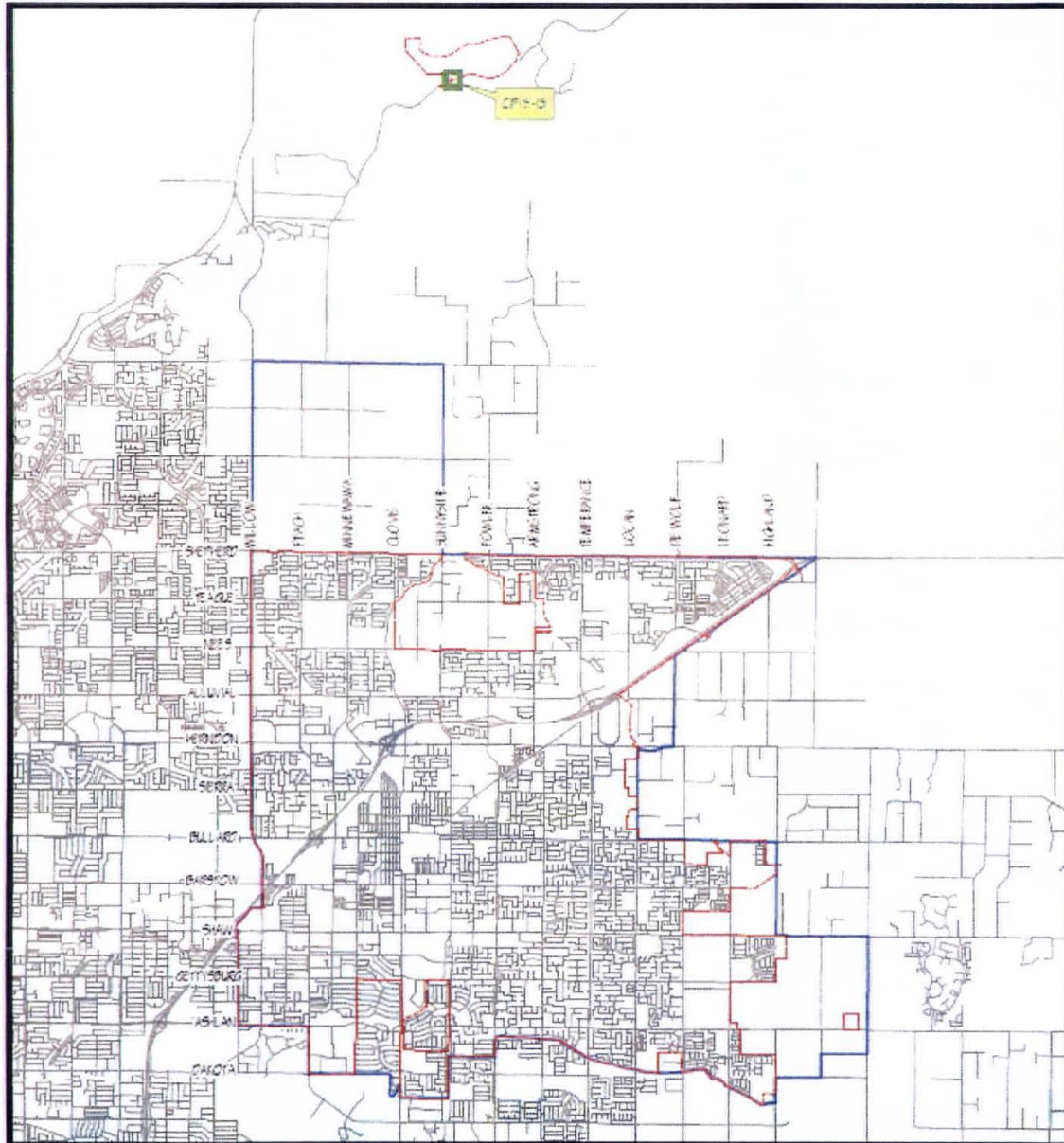
Prepared by: Ryan C. Burnett, AICP, Engineering Program Supervisor

Submitted by:



Dwight Kroll
Director of Planning and
Development Services

VICINITY MAP
CIP15-13 - Landfill Left Turn Lane



JAN 26, 2017

ATTACHMENT A

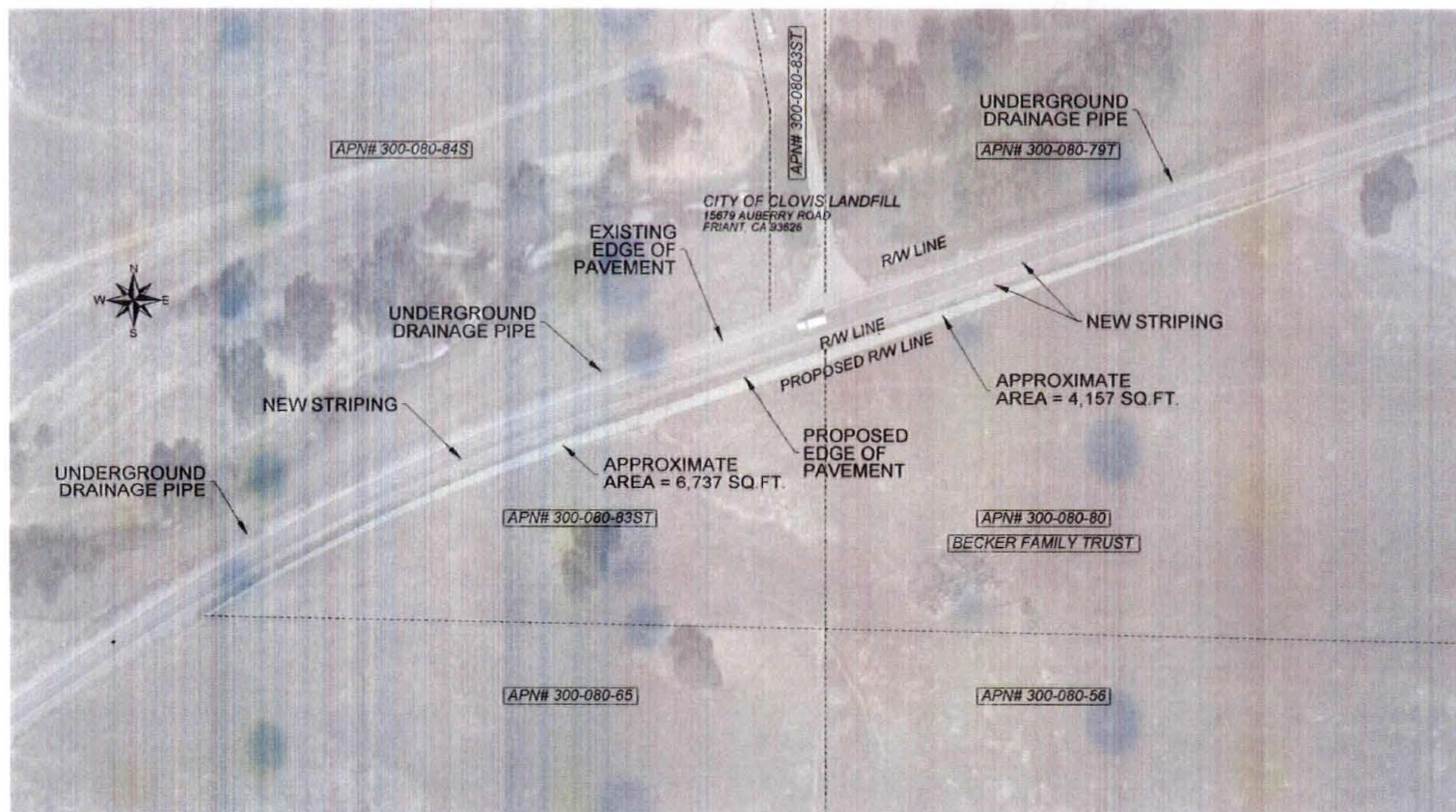
CITY LIMITS SPHERE OF INFLUENCE



1" = 8000'



CITY OF CLOVIS
PLANNING & DEVELOPMENT



60% SUBMITTAL



REVISIONS	
NO.	DATE
1	
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APPROVALS

APPROVED: _____

CITY OF CLOVIS

PROJECT TITLE: CLOVIS LANDFILL LEFT TURN LANE

15679 AUBERRY RD

WEST SIDEVIEW

ROAD IMPROVEMENT PLAN

STA 9+30 TO STA 10+50

PROJECT NO.

15-13

SHEET NO.

3 OF 6

Attachment "B"

RESOLUTION 18-__

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CLOVIS APPROVING A MITIGATED NEGATIVE DECLARATION FOR CIP15-13, CLOVIS LANDFILL LEFT-TURN LANE PURSUANT TO CEQA GUIDELINES

WHEREAS, The proposed project would widen Auberry Road to include a left turn lane at the Clovis Landfill entrance. Construction of the project would also include extension of the underground drainage pipes beneath Auberry Road to accommodate the widening, with the exception of the westernmost pipe. The purpose of the project is to improve safety at this location by clearly delineating the through lanes and the turning lane. The proposed project would consist of approximately 1,600 linear feet along Auberry Road. Within the study area, Auberry Road currently has one 12-foot travel lane and one 4-foot bike lane in each direction, for a total road width of 32 feet. Both sides of the roadway include a flat, unpaved narrow shoulder. A cut slope is located adjacent to the south side of the roadway. The proposed project would widen the roadway by 12 feet and would require an approximate 4,157 square foot acquisition of right-of-way across APN 300-080-80 and an approximate 6,737 square foot acquisition of right-of-way across APN 300-080- 83ST to accommodate the new left turn lane. Grading of the slope on the south side of Auberry Road would be required as part of the proposed project. The final roadway alignment design would avoid disturbance of the land north of Auberry Road.; and

WHEREAS, the City of Clovis ("City") caused to be prepared an Initial Study (hereinafter incorporated by reference) in December 2017 for the Project to evaluate potentially significant adverse environmental impacts and on the basis of that study it was determined that no significant environmental impacts would result from this Project, with the incorporation of mitigation measures identified in Exhibit "A"; and

WHEREAS, on the basis of this Initial Study, a Mitigated Negative Declaration has been prepared, circulated, and made available for public comment pursuant to the California Environmental Quality Act ("CEQA"), Public Resources Code, section 21000, et seq., and Guidelines for implementation of CEQA, 14 California Code of Regulations, sections 15000, et seq.; and

WHEREAS, the City Council has independently reviewed, evaluated, and considered the Initial Study, Mitigated Negative Declaration and all comments, written and oral, received from persons who reviewed the Mitigated Negative Declaration, or otherwise commented on the Project.

NOW, THEREFORE, the City Council of the City of Clovis resolves as follows:

1. Adopts the foregoing recitals as true and correct.
2. Finds that the Initial Study and Mitigated Negative Declaration for the Project are adequate and have been completed in compliance with CEQA and the CEQA Guidelines.
3. Finds and declares that the Initial Study and Mitigated Negative Declaration were presented to the City Council and that the City Council has independently reviewed, evaluated, and considered the Initial Study, Mitigated Negative

4. Declaration and all comments, written and oral, received from persons who reviewed the Initial Study and Mitigated Negative Declaration, or otherwise commented on the Project prior to approving the Project and adopts a Mitigated Negative Declaration for this Project.
5. Approves and adopts the Mitigation Monitoring Program and mitigation measures as set forth in the Initial Study.
6. Directs that the record of these proceedings be contained in the Department of Planning and Development Services located at 1033 Fifth Street, Clovis, California 93612, and that the custodian of the record be the Deputy City Planner or other person designated by the Planning and Development Services Director.
7. The Planning and Development Services Director, or his/her designee, is authorized to file a Notice of Determination for the Project in accordance with CEQA and to pay any fees required for such filing.

* * * * *

The foregoing resolution was introduced and adopted at a regular meeting of the City Council of the City of Clovis held on February 20, 2018, and passed by the following vote, to wit:

AYES:

NOES:

ABSENT:

ABSTAIN:

Date: February 20, 2018

Mayor

City Clerk

MITIGATION MONITORING AND REPORTING PROGRAM FOR THE CLOVIS LANDFILL LEFT TURN LANE PROJECT

This Mitigation Monitoring and Reporting Program (MMRP) was formulated based on the findings of the Initial Study/Mitigated Negative Declaration (IS/MND)¹ prepared for the proposed Clovis Landfill Left Turn Lane Project (project). This MMRP is in compliance with Section 15097 of the *CEQA Guidelines*, which requires that the Lead Agency “adopt a program for monitoring or reporting on the revisions which it has required in the project and the measures it has imposed to mitigate or avoid significant environmental effects.” The MMRP lists mitigation measures recommended in the IS/MND and identifies mitigation monitoring requirements.

Table 1 presents the mitigation measures identified for the proposed project. Each mitigation measure is numbered according to the topical section to which it pertains in the IS/MND. As an example, Mitigation Measure AIR-1 is the first mitigation measure identified in the IS/MND.

The column entitled “Mitigation Responsibility” identifies the party responsible for carrying out the required actions. The columns entitled “Monitoring/Reporting Agency” and “Monitoring Schedule” identify the party ultimately responsible for ensuring that the mitigation measure is implemented and the approximate timeframe for the oversight agency to ensure implementation of the mitigation measure. The column entitled “Verification of Compliance” will be used by the lead agency to document the person who verified the implementation of the mitigation measure and the date on which this verification occurred.

¹ Clovis, City of, 2017. *Clovis Landfill Left Turn Lane Project Initial Study/Mitigated Negative Declaration*. December.

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Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/ Reporting Agency	Monitoring Schedule	Verification of Compliance
I. AESTHETICS				
<i>There are no significant Aesthetics impacts.</i>				
II. AGRICULTURAL AND FORESTRY RESOURCES				
<i>There are no significant Agricultural and Forestry Resources impacts.</i>				
III. AIR QUALITY				
<p>AIR-1: Consistent with Regulation VIII, Fugitive PM₁₀ Prohibitions of the San Joaquin Valley Air Pollution Control District (SJVAPCD), the following controls are required to be included as specifications for the project and implemented at all construction sites:</p> <ul style="list-style-type: none"> All disturbed areas, including storage piles, which are not being actively utilized for construction purposes, shall be effectively stabilized of dust emissions using water, chemical stabilizer/suppressant, covered with a tarp or other suitable cover or vegetative ground cover. All on-site unpaved roads and off-site unpaved access roads shall be effectively stabilized of dust emissions using water or chemical stabilizer/suppressant. All land clearing, grubbing, scraping, excavation, land leveling, grading, cut and fill, and demolition activities shall be effectively controlled of fugitive dust emissions utilizing application of water or by presoaking. When materials are transported off-site, all material shall be covered, or effectively wetted to limit visible dust emissions, and at least six inches of freeboard space from the top of the container shall be maintained. All operations shall limit or expeditiously remove the accumulation of mud or dirt from adjacent public streets at the end of each workday. (The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.) Following the addition of materials to, or the removal of materials from, the surface of outdoor storage piles, said piles shall be effectively stabilized of fugitive dust emission utilizing sufficient water or chemical stabilizer/suppressant. 	City of Clovis Engineering Division/ Construction Manager	City of Clovis, Engineering Division	Prior to issuance of a grading permit.	Date: Verified By:

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/ Reporting Agency	Monitoring Schedule	Verification of Compliance
IV. BIOLOGICAL RESOURCES				
<p>BIO-1: The following measures shall be implemented to reduce potential impacts to western burrowing owls:</p> <ul style="list-style-type: none"> A qualified biologist shall survey the Biological Study Area (BSA) for presence of burrowing owls at least 30 days prior to the start of construction activities that would affect annual grassland. If burrowing owls, or signs indicating presence of burrowing owls are observed, in the BSA, avoidance and minimization measures shall be implemented consistent with the California Department of Fish and Wildlife (CDFW) 2012 Staff Report on Burrowing Owls. Areas of annual grassland temporarily disturbed during construction shall be restored to preconstruction contours (if necessary) and revegetated with native species as specified in Table 2. Invasive exotic plants would be controlled to the maximum extent practicable. 	City of Clovis Engineering Division/ Project Biologist/ Construction Manager	City of Clovis, Engineering Division	At least 30 days prior to the start of grading and construction.	Date: Verified By:
<p>BIO-2: The following measures shall be implemented by the City and/or project contractor during project construction to reduce potential impacts to CTS:</p> <ul style="list-style-type: none"> Environmentally Sensitive Area (ESA) fencing shall be installed along the edge of the work limits, including staging areas. ESA fencing shall consist of orange construction fencing (or equivalent) and shall be maintained in good condition until construction is complete. In addition, silt fencing shall be installed along the bottom of the ESA fencing to prevent CTS from entering the work area during construction. A biological monitor shall be present during initial ground disturbing activities. Approval of the biologist shall be coordinated directly with CDFW and USFWS. If CTS are found within the area surveyed, they shall be relocated to suitable habitat outside of the work limits. 	City of Clovis Engineering Division/ Project Biologist/ Construction Manager	City of Clovis, Engineering Division	Prior to issuance of a grading permit and throughout the construction period.	Date: Verified By:

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/Reporting Agency	Monitoring Schedule	Verification of Compliance
<p>BIO-2 <i>Continued</i></p> <ul style="list-style-type: none"> Between November 1 and May 31 (CTS migration season), no construction activities shall occur in CTS upland habitat within 0.5 mile of CTS aquatic habitat within 24 hours following a substantial rain event (i.e., at least 0.25 inches). Prior to resuming construction, any active work areas within CTS upland habitat within 0.5 mile of CTS aquatic habitat shall be visually surveyed by the approved biological monitor prior to the start of construction to avoid affecting salamanders that may have emerged from their burrows and relocated in the BSA (e.g., under equipment). Following completion of the project, all fill slopes, temporary impact and/or otherwise graded or denuded areas shall be restored to preconstruction contours (if necessary) and revegetated with the seed mix specified in Table 2. Prior to ground disturbing activities, and if determined necessary by CDFW and USFWS, the City shall obtain authorization from both agencies for incidental take of CTS. To offset impacts to CTS upland habitat, the City shall purchase CTS upland habitat mitigation credits at a bank approved by the USFWS and CDFW. Sufficient CTS upland habitat mitigation credits shall be purchased to offset impacts at a 3:1 ratio for permanent impacts and a 1:1 ratio for temporary impacts. If an approved bank is not available at such time it is necessary to obtain take authorization in order to meet the project schedule, an alternative mitigation approach (e.g., providing a security credit) shall be developed, contingent on approval of CDFW and USFWS. 				

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/ Reporting Agency	Monitoring Schedule	Verification of Compliance
<p>BIO-3: The following measures shall be implemented by the City and/or project contractor during project construction to reduce potential impacts to special-status plants:</p> <ul style="list-style-type: none"> Prior to ground disturbing activities, the a qualified biologist or botanist shall survey the BSA for special-status plants in accordance with the CDFW's Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities, dated 2009. If non-State and/or federally listed special-status plant species are identified within the work limits, a salvage and relocation plan shall be prepared and implemented prior to ground disturbing activities in the vicinity of the special status plants. If State and/or federally listed special-status plant species are identified within the work limits CDFW and/or USFWS shall be consulted to determine further action. 	City of Clovis Engineering Division/ Project Biologist/ Construction Manager	City of Clovis, Engineering Division	Prior to ground disturbing activities and throughout the construction period.	Date: Verified By:
<p>BIO-4: The following seasonal work restrictions shall be implemented during construction to minimize the potential for take of nesting birds:</p> <ul style="list-style-type: none"> If work must begin during the nesting season (February 1 to August 31), a qualified biologist shall survey all suitable nesting habitat in the BSA for presence of nesting birds. This survey shall occur no more than 10 days prior to the start of construction. If no nesting activity is observed, work may proceed as planned. If an active nest is discovered, a qualified biologist shall evaluate the potential for the proposed project to disturb nesting activities. The evaluation criteria shall include, but are not limited to, the location/orientation of the nest in the nest tree, the distance of the nest from the BSA, and line of sight between the nest and the BSA. CDFW shall be contacted to review the evaluation and determine if the project can proceed without adversely affecting nesting activities. If work is allowed to proceed, a qualified biologist shall be on-site weekly during construction activities to monitor nesting activity. The biologist shall have the authority to stop work if it is determined the project is adversely affecting nesting activities. 	City of Clovis Engineering Division/ Project Biologist/ Construction Manager	City of Clovis, Engineering Division	No more than 10 days prior to the start of construction.	Date: Verified By:

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/ Reporting Agency	Monitoring Schedule	Verification of Compliance
<p>BIO-5: If the ephemeral drainage is determined to be jurisdictional waters by the U.S. Army Corps of Engineers (ACOE), Regional Water Quality Control Board (RWQCB), and/or CDFW, the following measures shall be implemented to mitigate impacts to jurisdictional waters in the BSA (i.e., ephemeral drainage):</p> <ul style="list-style-type: none"> The City shall preserve, create, and/or restore the impacted resources at a minimum ratio of 1:1. This work shall occur within the project impact area and/or nearby areas within the same watershed; or, purchase of credits at an approved mitigation bank at a minimum 1:1 mitigation ratio. Prior to issuance of a grading permit or other authorization to proceed with project construction, the project proponent shall obtain any necessary permits, agreements, etc. from the ACOE, RWQCB, and/or CDFW. 	City of Clovis Engineering Division/ Project Biologist/ Construction Manager	City of Clovis, Engineering Division	Prior to issuance of a grading permit.	Date: Verified By:
V. CULTURAL RESOURCES				
<p>CULT-1: The City shall retain a qualified archaeologist to monitor construction-related ground disturbance within the project area. The monitoring shall continue until grading and excavation is complete, or until the monitoring archaeologist, based on field observations, is satisfied that there is a low potential for encountering intact archaeological cultural resources and/or human remains.</p> <p>If archaeological materials are encountered, work shall be halted in the immediate vicinity while the archaeological monitor assesses the nature of the deposit.</p> <p>If the deposit is intact, it shall be evaluated for its eligibility for inclusion in the California Register of Historical Resources, in coordination with representatives from the City and applicable tribal groups. If the evaluation determines that the deposit is neither a historical nor a unique archaeological resource, the avoidance of potential impacts to the deposit is not necessary. If the deposit is eligible, impacts to the resource should be mitigated. Mitigation may consist of excavating the archaeological deposit in accordance with a data recovery plan (see CEQA Guidelines</p>	City of Clovis Engineering Division/ Construction Manager	City of Clovis, Engineering Division	During initial ground disturbing activities.	Date: Verified By:

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/ Reporting Agency	Monitoring Schedule	Verification of Compliance
<p>CULT-1 Continued</p> <p>§15126.4(b)(3)(C)), developed in consultation with tribal representatives; recording the resource; preparing a report of findings; and/or accessioning recovered archaeological materials at an appropriate curation facility. Public educational outreach may also be appropriate. Upon completion of the evaluation and, if necessary, the archaeologist shall prepare a draft report to document the methods and results of the investigation(s). The draft report shall be submitted to the City of Clovis, the descendant community involved in the investigation(s), and the Southern San Joaquin Valley Information Center (SSJVIC).</p>				
<p>CULT-2: If human remains are encountered, work within 25 feet of the discovery should be redirected and the Fresno County Coroner notified immediately. At the same time, an archaeologist shall be contacted to assess the situation and consult with agencies as appropriate. Project personnel shall not collect or move any human remains and associated materials. If the human remains are of Native American origin, the Coroner must notify the NAHC within 24 hours of this identification. The NAHC would identify a MLD to inspect the site and provide recommendations for the proper treatment of the remains and associated grave goods. Upon completion of the assessment, the archaeologist shall prepare a report documenting the methods and results of the assessment, and provide recommendations for the treatment of the human remains and any associated cultural materials, as appropriate and in coordination with the recommendations of the MLD. The report would be submitted to the City of Clovis and the SSJVIC.</p>	City of Clovis Engineering Division/ Construction Manager	City of Clovis, Engineering Division	During initial ground disturbing activities and in the event that human remains are uncovered during the construction period.	Date: Verified By:
VI. GEOLOGY AND SOILS				
<p>GEO-1: Prior to the start of grading, the City shall prepare an Erosion Control Plan for the project in conformance with the California Storm Water Best Management Practice Handbook for Construction Activity to be implemented during construction to reduce the potential for soil erosion.</p>	City of Clovis Engineering Division/ Project Engineering Geologist or Geotechnical Engineer	City of Clovis, Engineering Division	Prior to issuance of a grading permit.	Date: Verified By:

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/ Reporting Agency	Monitoring Schedule	Verification of Compliance
<p>GEO-2: The City shall implement all applicable recommendations, design criteria, and specifications for construction and grading of the slope set forth in the 2015 Geotechnical Report to reduce erosion and instability. The following strategies are considered to be applicable, feasible, and effective in reducing erosion and instability generated by the project:</p> <ul style="list-style-type: none"> • Cut slopes up to about 15 feet high shall be graded at 2H to 1V or flatter for stability. • The City shall maintain a minimum horizontal setback of 3 feet between the toe of an ascending slope and the paved edge of the roadway to allow for sediment to be removed periodically from the base of the slopes. • The City shall provide lined (concrete or asphalt) brow ditches, "J-gutters," or swales above the top of cut slopes to collect surface runoff trending toward the slope and reduce the potential for erosion and/or instability. • The existing bushes, native grasses, and weeds shall remain on the slopes where possible. If the existing vegetation is disturbed, shallow rooted ground cover, as well as deeper rooted trees or shrubs, shall be planted on the disturbed portions of the slopes to reduce erosion and aid in superficial slope stability. • The City shall vegetate all new graded slopes. • If future erosion or instability in the form of slides, debris or earth flow, accelerated erosion, or other forms of slope instability occur on native or graded site slopes, a geotechnical engineer shall be contacted to provide recommendations for repair, and the distressed areas shall be repaired as soon as possible. • Temporary excavations shall be constructed in accordance with CAL OSHA requirements. Temporary cut slopes shall not be steeper than 1.5:1, horizontal to vertical, and flatter if possible. If excavations cannot meet these criteria, the temporary excavations shall be shored. • In no case shall excavations extend below a 1.5H to 1V zone below utilities or foundations. Excavations which are required to be advanced below the 1.5H to 1V envelope shall be shored to support the soils, foundations, and slabs. 	City of Clovis Engineering Division/ Project Engineering Geologist or Geotechnical Engineer	City of Clovis, Engineering Division	Include wording in contractor specifications, prior to issuance of a grading permit, and throughout the construction period.	<p>Date:</p> <p>Verified By:</p>

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/Reporting Agency	Monitoring Schedule	Verification of Compliance
<p>GEO-2 Continued</p> <ul style="list-style-type: none"> Shoring shall be designed by an engineer with experience in designing shoring systems and registered in the State of California. Excavation stability shall be monitored by the contractor. In the event that tension cracks or distress to the structure occurs, during or after excavation, the City and the geotechnical engineer shall be notified immediately and the contractor shall take appropriate actions to minimize further damage or injury. In the event that the earthwork operations for this project are conducted such that the construction sequence is not continuous, (or if construction operations disturb the surface soils) the exposed subgrade to receive floor slabs shall be tested to verify adequate compaction and/or moisture conditioning. If adequate compaction or moisture contents are not verified, the fill soils shall be over-excavated, scarified, moisture conditioned and compacted as recommended in the Recommendations section of the Geotechnical Report. 				
VII. GREENHOUSE GAS EMISSIONS				
<i>There are no significant Greenhouse Gas Emissions impacts.</i>				
VIII. HAZARDS AND HAZARDOUS MATERIALS				
<i>There are no significant Hazards and Hazardous Materials impacts.</i>				
IX. HYDROLOGY AND WATER QUALITY				
<p>HYDRO-1: To minimize any potential short-term water quality effects from project-related construction activities, the project contractor shall implement BMPs in conformance with the Caltrans Statewide National Pollutant Discharge Elimination System (NPDES) and California Storm Water Best Management Practice Handbook for Construction Activity. The proposed project shall comply with existing regulatory requirements, including the Water Pollution Control Preparation (WPCP) Manual.</p>	City of Clovis Engineering Division/ Construction Manager/ Project Certified SWPPP Developer/ Project Qualified SWPPP Practitioner	City of Clovis, Engineering Division	Include wording in contractor specifications, prior to the issuance of a grading permit, and throughout the construction period.	Date: Verified By:

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/ Reporting Agency	Monitoring Schedule	Verification of Compliance
HYDRO-2: The City shall incorporate Design Pollution Prevention (DPP) and Treatment Control BMPs into the project design in accordance with the standards outlined in Caltrans' Stormwater Quality Handbook: Project Planning and Design Guide. The City shall coordinate with the RWQCB with respect to feasibility, maintenance, and monitoring of Treatment Control BMPs as set forth in Caltrans' Statewide Stormwater Management Plan (SWMP).	City of Clovis Engineering Division	City of Clovis, Engineering Division	Prior to the issuance of a grading permit.	Date: Verified By:
X. LAND USE AND PLANNING				
<i>There are no significant Land Use and Planning impacts.</i>				
XI. MINERAL RESOURCES				
<i>There are no significant Mineral Resources impacts.</i>				
XII. NOISE				
<i>There are no significant Noise impacts.</i>				
XIII. POPULATION AND HOUSING				
<i>There are no significant Population and Housing impacts.</i>				
XIV. PUBLIC SERVICES				
<i>There are no significant Public Services impacts.</i>				
XV. RECREATION				
<i>There are no significant Recreation impacts.</i>				
XVI. TRANSPORTATION/TRAFFIC				
TRANS-1: Prior to construction, the City shall develop a construction traffic management plan that specifies measures that would reduce impacts to motor vehicle, bicycle, pedestrian, and transit circulation. The construction traffic management plan shall include the following: <ul style="list-style-type: none"> • Disclosure of all planned construction activity (such as provisions for staging, grading, and trash removal) and duration. • Location of construction staging areas for materials, equipment, and vehicles. • Anticipated number of truck trips, truck routes, employees, and employee parking locations. • Identification of haul routes for movement of construction trucks and vehicles that would minimize impacts on vehicular and pedestrian traffic, circulation and safety, and provision for monitoring surface streets used for haul routes so that any damage and debris attributable to the haul trucks can be identified and corrected by the City or construction contractor. 	City of Clovis Engineering Division	City of Clovis, Engineering Division	Prior to the start of construction.	Date: Verified By:

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/ Reporting Agency	Monitoring Schedule	Verification of Compliance
<p>TRANS-1 <i>Continued</i></p> <ul style="list-style-type: none"> Notification procedures for adjacent property owners and public safety personnel regarding when major project-related deliveries, detours, and lane closures would occur. A process for responding to, and tracking, complaints pertaining to construction activity, including identification of an on-site complaint manager. The measures outlined in the construction plans shall be devised to reduce circulation impacts during the construction period to the maximum extent possible. TRANS-1: Prior to construction, the City shall develop a construction traffic management plan that specifies measures that would reduce impacts to motor vehicle, bicycle, pedestrian, and transit circulation. The construction traffic management plan shall include the following: <ul style="list-style-type: none"> Disclosure of all planned construction activity (such as provisions for staging, grading, and trash removal) and duration. Location of construction staging areas for materials, equipment, and vehicles. Anticipated number of truck trips, truck routes, employees, and employee parking locations. Identification of haul routes for movement of construction trucks and vehicles that would minimize impacts on vehicular and pedestrian traffic, circulation and safety, and provision for monitoring surface streets used for haul routes so that any damage and debris attributable to the haul trucks can be identified and corrected by the City or construction contractor. Notification procedures for adjacent property owners and public safety personnel regarding when major project-related deliveries, detours, and lane closures would occur. A process for responding to, and tracking, complaints pertaining to construction activity, including identification of an on-site complaint manager. The measures outlined in the construction plans shall be devised to reduce circulation impacts during the construction period to the maximum extent possible. 				

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measures	Mitigation Responsibility	Monitoring/Reporting Agency	Monitoring Schedule	Verification of Compliance
XVII. UTILITIES AND SERVICE SYSTEMS				
<i>There are no significant Utilities and Service Systems impacts.</i>				

Source: LSA Associates, Inc., 2017.

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RECIRCULATED PUBLIC REVIEW DRAFT

**CLOVIS LANDFILL LEFT TURN LANE
PROJECT INITIAL STUDY/MITIGATED
NEGATIVE DECLARATION**

SCH NO. 2016121007

LSA

December 2017

Attachment "D"

RECIRCULATED PUBLIC REVIEW DRAFT

**CLOVIS LANDFILL LEFT TURN LANE
PROJECT INITIAL STUDY/MITIGATED
NEGATIVE DECLARATION**

SCH NO. 2016121007

Submitted to:

City of Clovis
1033 Fifth Street
Clovis, CA 93612

Prepared by:

LSA Associates, Inc.
7086 N. Maple Avenue, Suite 104
Fresno, CA 93720
(559) 490-1210

LSA

December 2017

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CLOVIS LANDFILL LEFT TURN LANE INITIAL STUDY

The following is an Initial Study/Environmental Checklist for the Clovis Landfill Left Turn Lane Project (proposed project) to address the environmental effects of the proposed project. Copies of all materials referenced in this report are available for review in the project file during regular business hours at 1033 Fifth Street, Clovis, CA 93612.

1. Project Title: Clovis Landfill Left Turn Lane

2. Lead Agency Name and Address:

City of Clovis
Engineering Division
1033 Fifth Street
Clovis, CA 93612

3. Contact Person and Phone Number: Ryan Burnett | (559) 324-2336

4. Project Sponsor's Name and Address:

City of Clovis
Engineering Division
1033 Fifth Street
Clovis, CA 93612

5. General Plan Designation: None (public street)

6. Zoning: None (public street)

7. Project Location:

The project site is located at 15679 Auberry Road, approximately 3.7 miles north of the intersection of Copper Avenue and Auberry Road within Fresno County, and extends approximately 1,600 feet. The project site is defined as the proposed project right-of-way, including parcels or segments of land that would be acquired for the purpose of widening Auberry Road beyond the existing right-of-way. Figure 1 shows the site's regional and local context. Figure 2 depicts an aerial photograph of the project site and surrounding land uses.

8. Description of Project:

The proposed project would widen Auberry Road to include a left turn lane at the Clovis Landfill entrance. Construction of the project would also include extension of the underground drainage pipes beneath Auberry Road to accommodate the widening, with the exception of the westernmost pipe. The purpose of the project is to improve safety at this location by clearly delineating the through lanes and the turning lane.

The proposed project would consist of approximately 1,600 linear feet along Auberry Road. Within the study area, Auberry Road currently has one 12-foot travel lane and one 4-foot bike lane in each direction, for a total road width of 32 feet. Both sides of the roadway include a flat, unpaved narrow shoulder. A cut slope is located adjacent to the south side of the roadway. The proposed project would widen the roadway by 12 feet and would require a 4,157 square foot acquisition of right-of-way across APN 300-080-80 and a 6,737 square foot acquisition of right-of-way across APN 300-080-83ST to accommodate the new left turn lane. Grading of the slope on the south side of Auberry Road would be required as part of the proposed project. The final roadway alignment design would avoid disturbance of the land north of Auberry Road. The existing roadway alignment is shown in Figure 3 and the proposed roadway design is shown in Figure 4.

Construction of the proposed project is anticipated to begin in summer 2019 and is expected to occur for approximately 30 days. Construction of the proposed project would include:

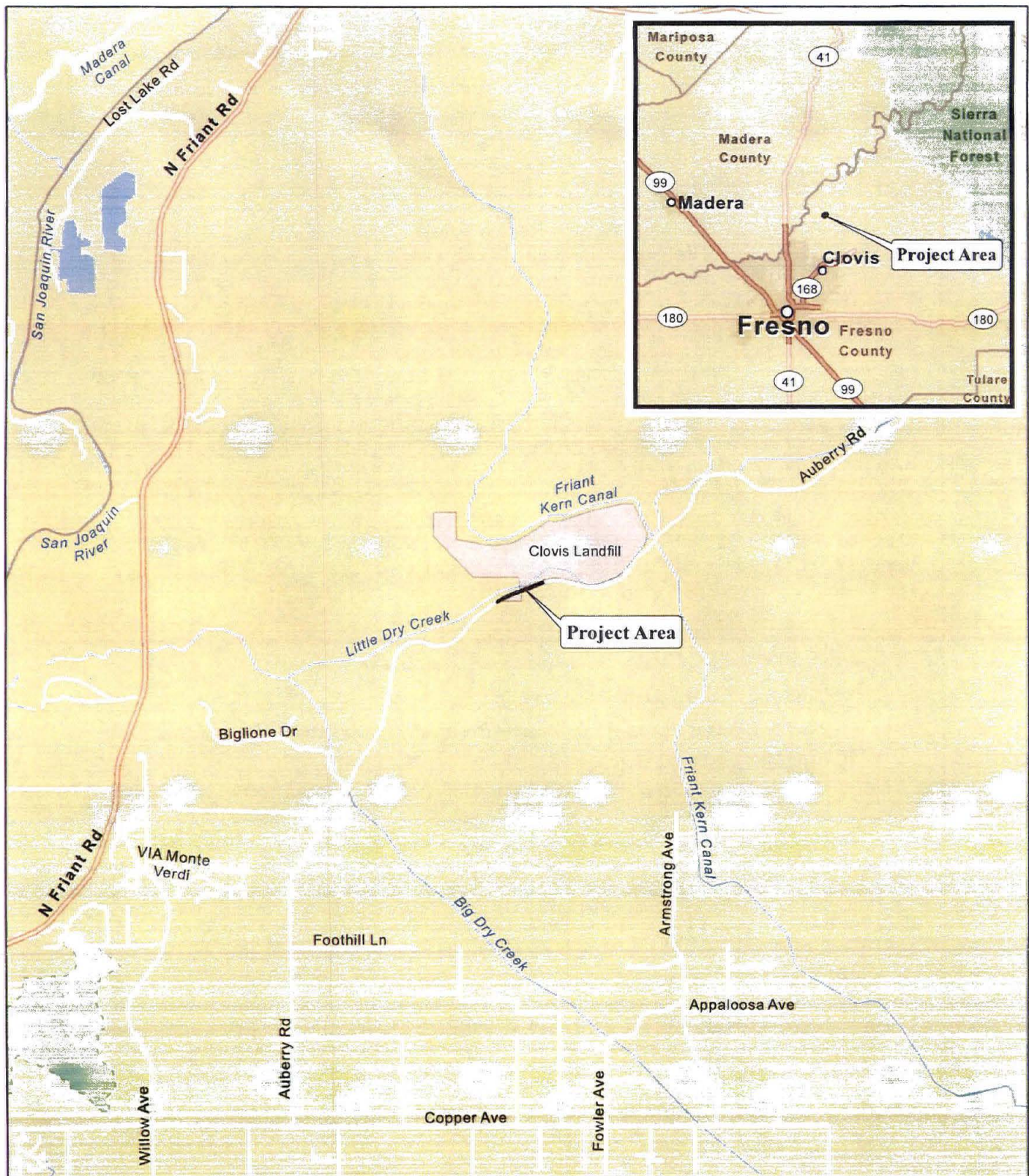
- Earthwork, grading, compaction, saw cutting;
- Placing aggregate base, asphalt concrete paving and constructing asphalt concrete dikes;
- Extending existing drainage pipe;
- Adjusting, relocating and/or modifying existing drainage facilities, and miscellaneous underground utilities;
- Relocating/modifying barb wire fencing; and
- Removing and applying new traffic striping and markings.

Excavation depths along the project length would vary with the terrain and would be between 2.5 feet and 10 feet. The project would require the excavation and off-haul of approximately 2,500 cubic yards of material.

The proposed project is located in Fresno County, outside of the City of Clovis limits; however the Clovis Landfill is within the City of Clovis General Plan planning area. The General Plan planning area includes areas outside of the city limits, as required by State law for areas that affect efficient city planning and services.

9. Surrounding Land Uses and Setting:

The proposed project would provide improved access to the Clovis Landfill entrance. The surrounding area consists of foothill grasslands. An ephemeral drainage is located near the project site; the drainage flows south to north, passing beneath Auberry Road through a corrugated pipe culvert, before discharging into Little Dry Creek, located approximately 120 feet north of the project site.



LSA

FIGURE 1



0 2000 4000
FEET

SOURCE: ESRI StreetMap North America (2012).

I:\CIT1601\GIS\Maps\Cultural\Figure 1_Regional Location and Project Area.mxd (9/1/2016)

Clovis Landfill Left Turn Lane Project IS/MND
Regional Location and Project Area



LSA

LEGEND

Project Area

FIGURE 2



0 100 200
FEET

SOURCE: Esri Imagery (6/18/2014).

I:\CIT1601\GIS\Maps\Cultural\Figure 3_Aerial Photo.mxd (8/12/2016)

Clovis Landfill Left Turn Lane Project IS/MND
Aerial Photograph of the Project Site

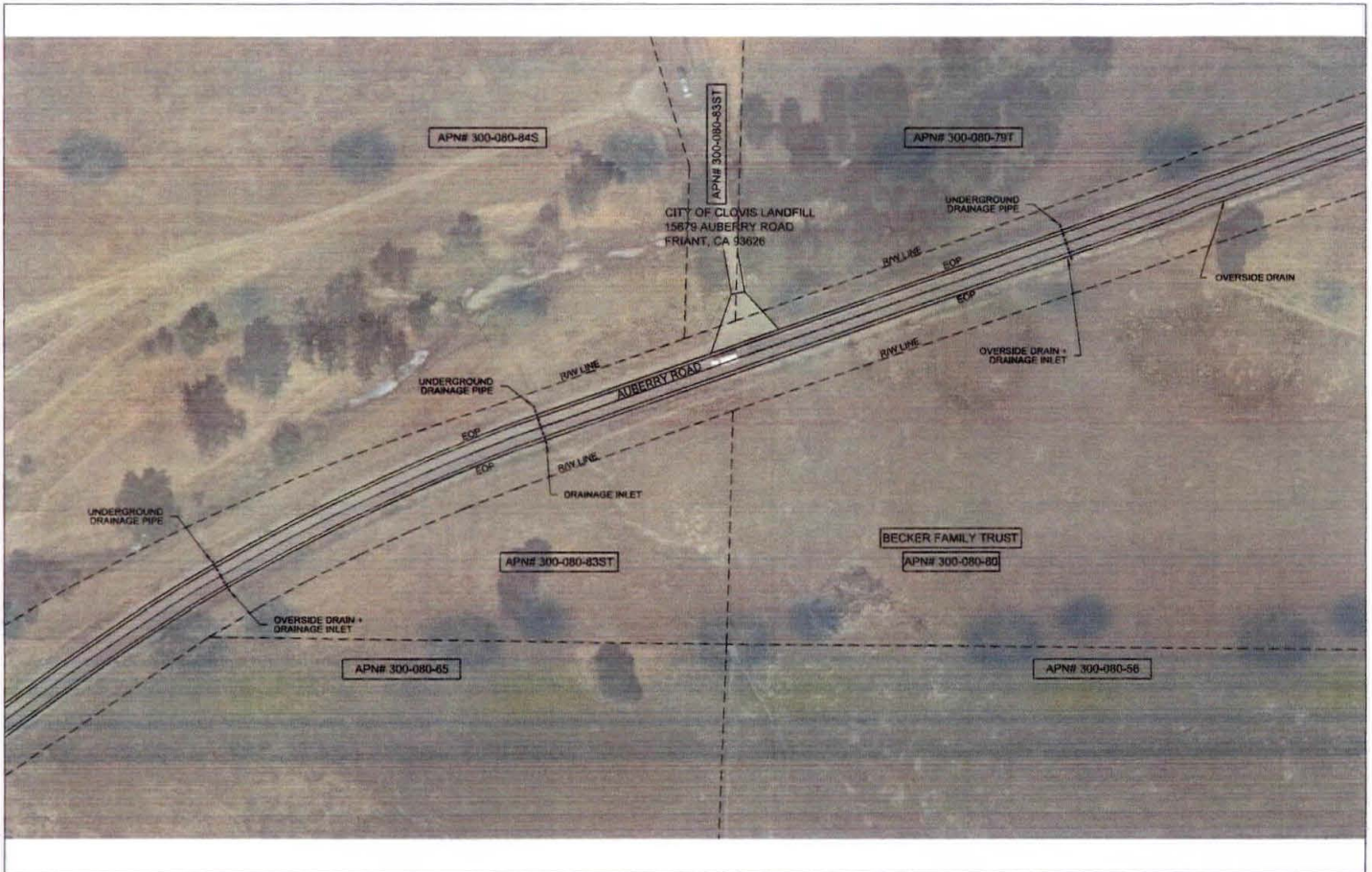


FIGURE 3

LSA



SOURCE: CITY OF CLOVIS, 2016.

I:\CIT1601 City of Clovis\figures\Fig_3.ai (8/22/16)

Clovis Landfill Left Turn Lane Project IS/MND
Existing Roadway Alignment

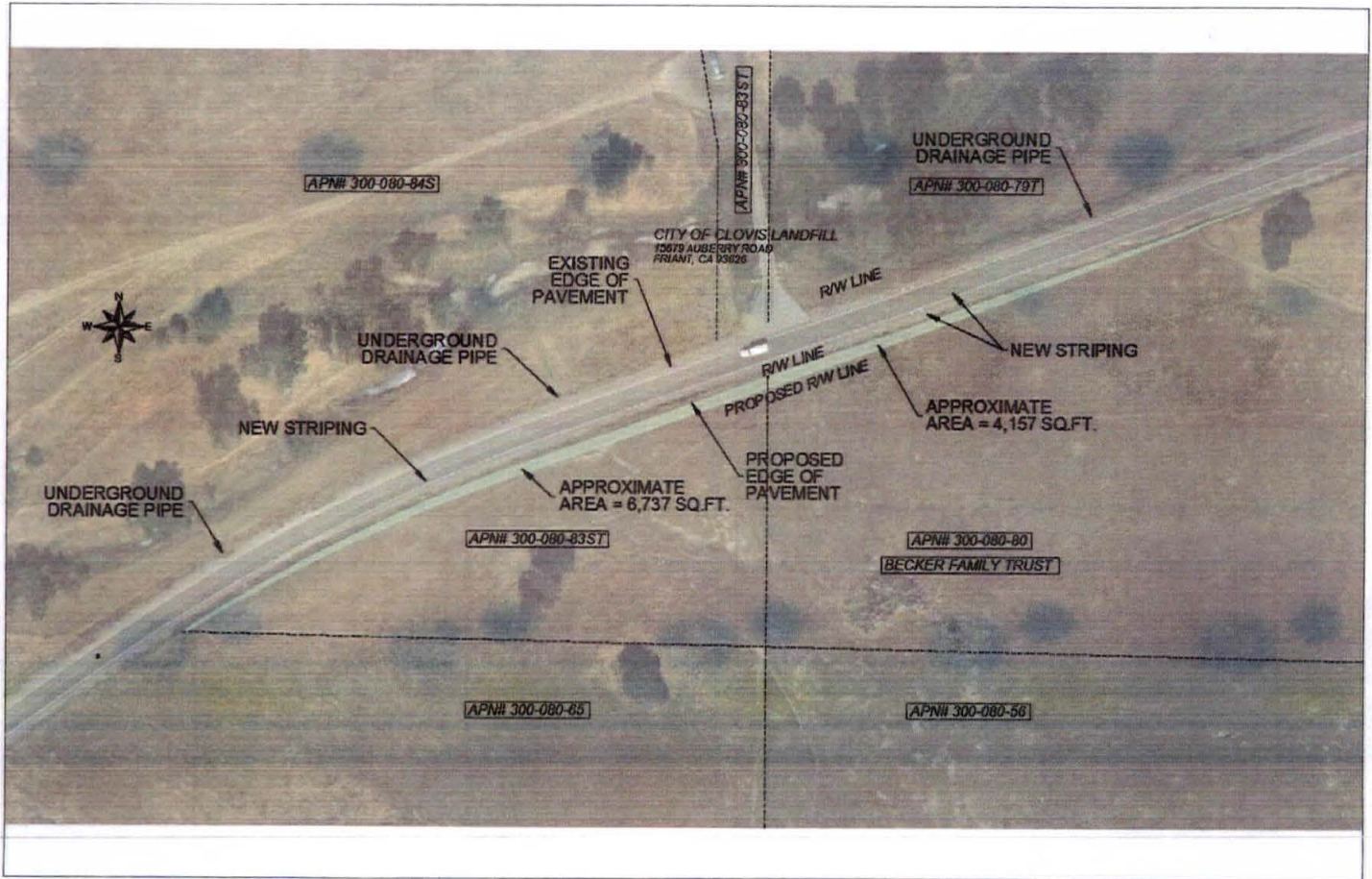


FIGURE 4

LSA



NOT TO SCALE

SOURCE: CITY OF CLOVIS, 2017.

I:\CIT1601 City of Clovis\figures\Fig_4.ai (12/19/17)

City of Clovis Landfill Left Turn Lane Project IS/MND
Proposed Site Plan

10. Other agencies whose approval is required (e.g., permits, financing approval, or participation agreement):

- Fresno County
- Army Corps of Engineers
- California Department of Fish and Wildlife
- Regional Water Quality Control Board
- San Joaquin Valley Air Pollution Control District

11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, has consultation begun?

California Native American tribes traditionally and culturally affiliated with the project site and area have been notified of the proposed project. In response the City consulted with Robert Pennell, Tribal Cultural Resources Director, Table Mountain Rancheria. No other tribes have requested consultation and the City has fulfilled its obligations pursuant to AB 52.

ENVIRONMENTAL CHECKLIST

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS. Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting

The project site is located on Auberry Road, approximately 3.7 miles north of the intersection at Copper Avenue and Auberry Road within Fresno County, and extends approximately 1,600 feet. The existing visual setting consists of both manmade and natural conditions. Manmade conditions consist of roadways and signage associated with the Clovis Landfill entrance, the existing Auberry Road pavement, and associated road improvements. The roadway currently has one 12-foot travel lane and one 4-foot bike lane in each direction. Natural conditions consist of foothill grasslands.

The Fresno County General Plan designates Auberry Road as a Scenic Drive. The General Plan defines scenic drives as rural roads traversing land with outstanding natural scenic qualities and connecting with scenic highways.¹

a) Have a substantial adverse effect on a scenic vista? (Less-Than-Significant Impact)

As discussed above, the project is located on Auberry Road, designated by Fresno County as a Scenic Drive. Although the project site is considered a Scenic Drive, the roadway improvements would be at-grade and are not expected to impair surrounding views. Therefore the proposed project would not disrupt surrounding views or have a substantial adverse effect on a scenic vista.

¹ Fresno, County of, 2000. *Fresno County General Plan*. Available online at: www2.co.fresno.ca.us/4510/4360/General_Plan/GP_Final_policy_doc/Table_of_Contents_rj_blue.pdf (accessed August 2016). October.

- b) *Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway? (Less-Than-Significant Impact)*

The California Department of Transportation's (Caltrans) Landscape Architecture Program administers the Scenic Highway Program, contained in the State Streets and Highways Code, Sections 260–263. State highways are classified as either Eligible for Scenic Designation, Officially Designated, or Connecting Federal Highway. Within Fresno County, there is one Officially Designated State Scenic Highway (State Route 180 [SR-180]), two Eligible State Scenic Highways (SR-168 and SR-198), and one Unconstructed State Highway Eligible for Scenic Designation (SR-180).²

The nearest scenic highway is SR-168, located approximately 14.3 miles northeast of the project site, designated as a State Highway Eligible for State Scenic Highway. The project site is not visible from this Eligible State Scenic Highway as classified by the Caltrans Scenic Highway Program in Fresno. Therefore, the proposed project does not have the potential to damage scenic resources from designated scenic highways, and no mitigation is required.

- c) *Substantially degrade the existing visual character or quality of the site and its surroundings? (Less-Than-Significant Impact)*

See Section I.a and I.b, above. The proposed project is not located within a State Scenic Highway and would not damage scenic resources within such a highway. The proposed project would widen an existing roadway and would not result in degradation to the existing visual character of the site.

- d) *Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area? (Less-Than-Significant Impact)*

Implementation of the proposed project would not include lighting or features that could contribute to a significant new source of glare. Therefore, the proposed project would not create substantial light or glare that would adversely affect day or nighttime views.

² California Department of Transportation, 2011. California Scenic Highway Mapping System, Fresno County. Website: www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/index.htm (accessed August 2016).

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
II. AGRICULTURAL AND FORESTRY RESOURCES.				
In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to a non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

The project site is classified as Grazing Land, according to the Farmland Mapping and Monitoring Program of the State Department of Conservation.³ The project site is not zoned for agricultural uses and is not enrolled in a Williamson Act Contract.⁴

- a) *Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to a non-agricultural use? (No Impact)*

According to the Farmland Mapping and Monitoring Program, the project site is classified as Grazing Land. The project site is not located on land that is designated as Prime Farmland or Farmland of State Importance. Therefore, implementation of the proposed project would not result in the conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, as shown on the Fresno County Important Farmland Map, to a non-agricultural use. The proposed project would not convert any farmland to a non-agricultural use. Therefore, there would be no impact.

- b) *Conflict with existing zoning for agricultural use, or a Williamson Act contract? (No Impact)*

The project area consists of Open Conservation and Public/Quasi-Public Facilities land uses as designated by the Fresno County General Plan⁵ and City of Clovis General Plan.⁶ The project site is not zoned as agricultural land and is not enrolled in a Williamson Act contract. Therefore, the proposed project would not have an impact on zoning designations for agricultural and farmland use or land currently under a Williamson Act contract.

- c) *Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))? (No Impact)*

The project site is not zoned for, nor would it require the rezoning of, any existing parcels or land use designations, including forest land or timberland uses. In addition, there is no forest land or timberland subject to the Public Resources Code within the vicinity of the project site. Therefore, the proposed project would not result in impacts to forestland or timberland.

³ California Department of Conservation, 2014. *Fresno County Important Farmland 2014*. Available online at: http://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2014/fre14_e.pdf (accessed August 2016).

⁴ Ibid.

⁵ Fresno, County of, 2000, op. cit.

⁶ Clovis, City of, 2014. *General Plan, City of Clovis*. Website: www.ci.clovis.ca.us/Portals/0/Documents/Planning/GeneralPlan2014/ClovisGP_Adopted_Aug2014_wFig.pdf?ver=2015-04-03-100817-897 (Accessed August 2016). August 2014.

d) *Result in the loss of forest land or conversion of forest land to non-forest use? (No Impact)*

See Section II.c. The proposed project would not convert forest land to non-forest use and would not result in the loss or conversion of forest land to a non-forest use.

e) *Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use? (No Impact)*

As stated previously, the project would not convert farmland to a non-agricultural use. In addition, the project site would not contribute to environmental changes that could result in conversion of farmland to non-agricultural use. Therefore, no impacts to farmland or forest land would occur.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting

The proposed project is located within the San Joaquin Valley Air Basin (SJVAB), managed by the San Joaquin Valley Air Pollution Control District (SJVAPCD). Both the State of California and the federal government have established health-based Ambient Air Quality Standards (AAQS) for six criteria air pollutants: carbon monoxide (CO), ozone (O₃), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), lead (Pb), and suspended particulate matter (PM_{2.5} and PM₁₀). The SJVAB is designated as non-attainment for O₃ and PM_{2.5} for federal standards and non-attainment for O₃, PM₁₀, and PM_{2.5} for State standards.

a) *Conflict with or obstruct implementation of the applicable air quality plan? (Less-Than-Significant Impact)*

An air quality plan describes air pollution control strategies to be implemented by a city, county, or region classified as a non-attainment area. The main purpose of the air quality plan is to bring the area into compliance with the requirements of the federal and State air quality standards. To bring the San Joaquin Valley into attainment, the SJVAPCD has developed the 2013 Plan for the Revoked 1-Hour Ozone Standard (Ozone Plan), adopted on September 19, 2013.⁷ The SJVAPCD also adopted the 2016 Plan for the 2008 8-Hour Ozone Standard in June 2016 to satisfy Clean Air Act requirements and ensure attainment of the 75 parts per billion (ppb) 8-hour ozone standard.⁸

To assure the San Joaquin Valley's continued attainment of the EPA's PM₁₀ standard, the SJVAPCD adopted the 2007 PM₁₀ Maintenance Plan in September 2007.⁹ The SJVAPCD Regulation VIII – Fugitive PM₁₀ Prohibitions are designed to reduce PM₁₀ emissions generated by human activity. The SJVAPCD adopted the 2015 Plan for the 1997 PM_{2.5} Standard in April 2015 to address the EPA's annual PM_{2.5} standard of 15 µg/m³ and 24-hour PM_{2.5} standard of 65 µg/m³.¹⁰

CEQA requires that certain proposed projects be analyzed for consistency with the applicable air quality plan. For a project to be consistent with the SJVAPCD's air quality plans, the pollutants emitted from the project should not exceed the SJVAPCD emission thresholds or cause a significant impact on air quality. As discussed below, the proposed project would not generate emissions that exceed SJVAPCD thresholds. Therefore, the proposed project would not conflict or obstruct implementation of the applicable air quality plan.

⁷ San Joaquin Valley Air Pollution Control District, 2013. *2013 Plan for the Revoked 1-Hour Ozone Standard*. Available online at: www.valleyair.org/Air_Quality_Plans/OzoneOneHourPlan2013/AdoptedPlan.pdf (accessed August 2016). September 19.

⁸ San Joaquin Valley Air Pollution Control District, 2016. *2016 Plan for the 2008 8-Hour Ozone Standard*. Available online at: www.valleyair.org/Air_Quality_Plans/Ozone-Plan-2016/Adopted-Plan.pdf (accessed August 2016). June 16.

⁹ San Joaquin Valley Air Pollution Control District, 2007. *2007 PM₁₀ Maintenance Plan and Request for Resignation*. Available online at: www.valleyair.org/Air_Quality_Plans/docs/Maintenance%20Plan10-25-07.pdf (accessed August 2016). September 20.

¹⁰ San Joaquin Valley Air Pollution Control District, 2015. *2015 Plan for the 1997 PM_{2.5} Standard*. Available online at: www.valleyair.org/Air_Quality_Plans/docs/PM25-2015/2015-PM2.5-Plan_Bookmarked.pdf (accessed August 2016). April 16.

- b) *Violate any air quality standard or contribute substantially to an existing or projected air quality violation? (Potentially Significant Unless Mitigation Incorporated)*

Air pollutant emissions associated with the proposed project would only occur short term due to construction activities such as grading and vehicle/equipment use. No long-term emissions would result from the proposed project. Specific criteria for determining whether the potential air quality impacts of a project are significant are set forth by the SJVAPCD.

Short-Term (Construction) Emissions. During construction, short-term degradation of air quality may occur due to the release of particulate matter emissions generated by excavation, grading, hauling, and other activities. Emissions from construction equipment are also anticipated and would include CO, NO_x, ROG, directly-emitted particulate matter (PM_{2.5} and PM₁₀), and TACs such as diesel exhaust particulate matter.

Site preparation and project construction would involve clearing, cut-and-fill activities, grading, and paving activities. Construction-related effects on air quality from the proposed project would be greatest during the site preparation phase because most engine emissions are associated with excavating, handling, and transporting soils on the site. If not properly controlled, these activities would temporarily generate PM₁₀, PM_{2.5}, and to a lesser extent, CO, SO₂, NO_x, and volatile organic compounds. Sources of fugitive dust would include disturbed soils at the construction site and trucks carrying uncovered loads of soils. Vehicles leaving the site could deposit dirt and mud on local streets, which could be an additional source of airborne dust after it dries. PM₁₀ emissions would vary from day to day, depending on the nature and magnitude of construction activity and local weather conditions. PM₁₀ emissions would depend on soil moisture, the silt content of soil, wind speed, and the amount of operating equipment. Larger dust particles would settle near the source, while fine particles would be dispersed over greater distances from the construction site. These emissions would be temporary and limited to the immediate area surrounding the construction site.

The proposed project construction schedule would begin in summer 2019 and would be approximately 30 days. Construction emissions were estimated for the project using the Sacramento Metropolitan Air Quality Management District's Road Construction Emissions Model, Version 8.1.0 (RoadMod) as recommended by the SJVAPCD for roadway projects. Construction-related emissions are presented in Table 1. Detailed calculations are provided in Appendix A.

Table 1: Project Construction Emissions in Tons Per Phase

Project Construction	CO	ROG	NO_x	PM₁₀	PM_{2.5}
Grubbing/Land Clearing	0.01	0.00	0.02	0.01	0.00
Grading/Excavation	0.27	0.04	0.44	0.07	0.03
Drainage/Utilities/Sub-Grade	0.14	0.02	0.19	0.05	0.02
Paving	0.03	0.00	0.04	0.00	0.00
Total Emissions (tons per construction period)	0.46	0.07	0.69	0.13	0.05
SJVAPCD Thresholds (tons per year)	100	10	10	15	15
Exceed Threshold?	No	No	No	No	No

Source: LSA Associates Inc., August 2016.

As shown in Table 1, construction emissions would be well below the SJVAPCD's threshold for annual construction emissions. The SJVAPCD has implemented Regulation VIII measures for dust control related to construction projects. These mitigation measures are intended to reduce the amount of PM₁₀ emissions during the construction period. Implementation of Mitigation Measure AIR-1, described below, would reduce this short-term construction period air quality impact to a less-than-significant level.

Mitigation Measure AIR-1: Consistent with Regulation VIII, Fugitive PM₁₀ Prohibitions of the SJVAPCD, the following controls are required to be included as specifications for the project and implemented at all construction sites:

- All disturbed areas, including storage piles, which are not being actively utilized for construction purposes, shall be effectively stabilized of dust emissions using water, chemical stabilizer/suppressant, covered with a tarp or other suitable cover or vegetative ground cover.
- All on-site unpaved roads and off-site unpaved access roads shall be effectively stabilized of dust emissions using water or chemical stabilizer/suppressant.
- All land clearing, grubbing, scraping, excavation, land leveling, grading, cut and fill, and demolition activities shall be effectively controlled of fugitive dust emissions utilizing application of water or by presoaking.
- When materials are transported off-site, all material shall be covered, or effectively wetted to limit visible dust emissions, and at least six inches of freeboard space from the top of the container shall be maintained.
- All operations shall limit or expeditiously remove the accumulation of mud or dirt from adjacent public streets at the end of each workday. (The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.)
- Following the addition of materials to, or the removal of materials from, the surface of outdoor storage piles, said piles shall be effectively stabilized of fugitive dust emission utilizing sufficient water or chemical stabilizer/suppressant.

Implementation of this mitigation measure would reduce construction period air quality impacts to a less-than-significant level.

Long-Term (Operational) Emissions. Long-term air emission impacts are associated with stationary sources and mobile sources. Stationary source emissions result from the consumption of natural gas and electricity. Mobile source emissions result from vehicle trips and result in air pollutant emissions affecting the entire air basin. The proposed project consists of widening Auberry Road to accommodate a left turn lane. The project would not generate additional vehicle trips through the project area and, therefore, would not increase mobile source emissions. In addition, the project would not be a source of stationary source emissions. Therefore, no additional long-term emissions would result from implementation of the proposed project and operation of the project would not be expected to result in a violation of air quality standards.

- c) *Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?*
(Less-Than-Significant Impact)

CEQA defines a cumulative impact as two or more individual effects, which when considered together, are considerable or which compound or increase other environmental impacts. Therefore, if annual emissions of operational-related criteria air pollutants exceed any applicable threshold established by the SJVAPCD, the proposed project would result in a cumulatively significant impact. As discussed in Section III.b, above, no exceedance of SJVAPCD's emission thresholds would occur for the proposed project with the incorporation of SJVAPCD's standard dust control regulations (Regulation VIII) as listed above. The proposed project's construction and operational emissions of criteria pollutants are expected to be below the emissions threshold established for the region. Therefore, the project would not result in a cumulatively considerable contribution to regional air quality impacts. No mitigation is required.

- d) *Expose sensitive receptors to substantial pollutant concentrations?* **(Less-Than-Significant Impact)**

Sensitive receptors are not located in the project vicinity. Construction activities associated with the project would generate airborne particulates and fugitive dust, as well as a small quantity of pollutants associated with the use of construction equipment (e.g., diesel-fueled vehicles and equipment) on a short-term basis. However, construction contractors would be required to implement measures to reduce or eliminate emissions by following the Regulation VIII, Fugitive PM₁₀ Prohibitions. Project construction emissions would be below the SJVAPCD's significance thresholds and once the project is constructed, the project would not be a source of substantial emissions. Therefore, sensitive receptors are not expected to be exposed to substantial pollutant concentrations during project construction or operation, and potential impacts would be considered less than significant.

- e) *Create objectionable odors affecting a substantial number of people?* **(Less-Than-Significant Impact)**

During construction, the various diesel powered vehicles and equipment in use on-site would create localized odors. These odors would be temporary and are not likely to be noticeable for extended periods of time beyond the project site. The potential for diesel odor impacts is therefore considered less than significant. In addition, once the project is operational, it would not be a source of odors. Therefore, the proposed project would not create objectionable odors affecting a substantial number of people.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) Through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan or other approved local, regional, or State habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

LSA conducted a biological resources study for the proposed project to assess the site for compliance with the CEQA review process. The following summarizes the biological setting in the vicinity of the proposed project.

Methods

For purposes of the biological analysis, a Biological Study Area (BSA) was established. The BSA is characterized by Auberry Road and grasslands to the south, totaling 3.43 acres. The BSA includes

lands beyond the proposed project footprint that could potentially be affected by project construction and/or were determined necessary to inventory in order to perform an adequate analysis of impacts on biological resources.

A list of sensitive wildlife and plant species potentially occurring within the BSA was compiled to evaluate potential impacts resulting from project construction. Sources used to compile the list include the California Natural Diversity Data Base (CNDDB), the U.S. Fish and Wildlife Service (USFWS) online special status species list, and the California Native Plant Society (CNPS) Online Edition. The species lists obtained from the CNDDB, CNPS, and USFWS were reviewed to determine which species could potentially occur in the project area.

LSA biologist, Nicole Clement, conducted a general field survey within the BSA on August 26, 2016. During the field survey, LSA referenced aerial photos of the BSA overlaid with the proposed project improvements.

Findings

The BSA consists mainly of the existing roadway (Auberry Road), which runs east to west through the BSA, as well as the road shoulders and adjacent pasture land. The only natural community within the BSA is California annual grassland, located in a moderately grazed pasture south of the roadway, as shown in Figure 5. An ephemeral drainage is also present in the BSA; the drainage flows south to north, passing beneath Auberry Road through a corrugated pipe culvert, before discharging into Little Dry Creek approximately 100 feet north of the BSA, as shown in Figure 6.

As mentioned above, annual grassland habitat occurs in a pasture located south of Auberry Road. The pasture occurs among rolling hills and is actively grazed with cattle. Representative species within this community include soft chess brome (*Bromus hordeaceus*), foxtail (*Vulpia myuros*), ripgut brome (*Bromus diandrus*), black mustard (*Brassica nigra*), and tarweed (*Holocarpha virgata*). Annual grasslands comprise a total of 1.20 acres in the BSA.

Ruderal vegetation, totaling 0.74 acre, occurs along the roadway shoulders in the BSA. Ruderal plant species are those that colonize and quickly establish in poor soil and disturbed or waste areas. They generally have fast-growing roots, low nutritional needs, and produce massive amounts of seed. The plant species present in this habitat include doveweed (*Eremocarpus setigeris*), Johnson grass (*Sorghum halepense*), wild oats (*Avena fatua*), black mustard, and several unidentified asters.

Developed areas include Auberry Road and comprise a total of 1.49 acres in the BSA.

Special status wildlife species that may occur in the BSA, or in the vicinity, as determined through review of the CNDDB, CNPS, and USFWS lists, include western burrowing owl (*Athene cunicularia*) and California tiger Salamander (*Ambystoma californiense*) (CTS). There is also low potential for western spadefoot (*Scaphiopus hammondi*), and special status plants to occur in the BSA and nesting birds may be present in the vicinity along the riparian community associated with Little Dry Creek directly to the north of the BSA.

Wildlife movement corridors are linear habitats that function to connect two or more areas of significant wildlife habitat. These corridors may function on a local level as links between small habitat patches (e.g., streams in urban settings) or may provide critical connections between regionally significant habitats (e.g., deer movement corridors). No evidence of substantial wildlife movement corridors was identified in the BSA.

Aquatic resources within the BSA are limited to an ephemeral tributary to Little Dry Creek, totaling 0.01 acre. No potential wetlands associated are with this feature.

- a) *Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? (Potentially Significant Unless Mitigation Incorporated)*

As described above, no State or federally listed or proposed plant species occur in the BSA; therefore, no special status plants would be affected by implementation of the proposed project. The proposed project has the potential to affect several State and federally listed or proposed animal species occurring within the BSA. Potential impacts to these special status species are described below.

Western Burrowing Owl. Suitable denning and foraging habitat is present in the annual grasslands in the BSA. Several California ground squirrels (*Otospermophilus beecheyi*) and burrow complexes were observed on the south side of the road during the August 26, 2016 survey. No burrowing owls or signs of burrowing owls were observed.

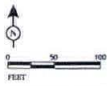
The proposed project would result in impacts to suitable western burrowing owl habitat as a result of project construction. Permanent impacts, totaling 0.24 acre, would occur as a result of road widening on the south shoulder and adjacent slope excavation to maintain 2:1 slopes. Temporary impacts, totaling 0.27 acre, would occur as a result of construction access. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to western burrowing owls.

Mitigation Measure BIO-1: The following measures shall be implemented to reduce potential impacts to western burrowing owls:

- A qualified biologist shall survey the BSA for presence of burrowing owls at least 30 days prior to the start of construction activities that would affect annual grassland. If burrowing owls, or signs indicating presence of burrowing owls are observed, in the BSA, avoidance and minimization measures shall be implemented consistent with the California Department of Fish and Wildlife (CDFW) 2012 Staff Report on Burrowing Owls.
- Areas of annual grassland temporarily disturbed during construction shall be restored to preconstruction contours (if necessary) and revegetated with native species as specified in Table 2. Invasive exotic plants would be controlled to the maximum extent practicable.



LSA



LEGEND

- Biological Study Area - (3.43 ac)
- Vegetation Communities/Land Uses - (3.43 ac)
 - California Annual Grassland - (1.20 ac)
 - Ruderal/Disturbed - (0.74 ac)
 - Developed - (1.49 ac)

SOURCE: Base map - Microsoft Aerial Imagery (1/2011); Mapping - LSA (8/2016)
 I:\CT1601GIS\Reports\ISMND\Fig1_plot_comm.mxd (9/1/2016)

FIGURE 5

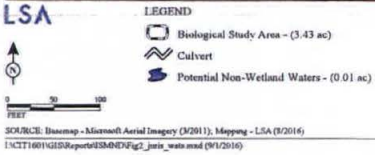
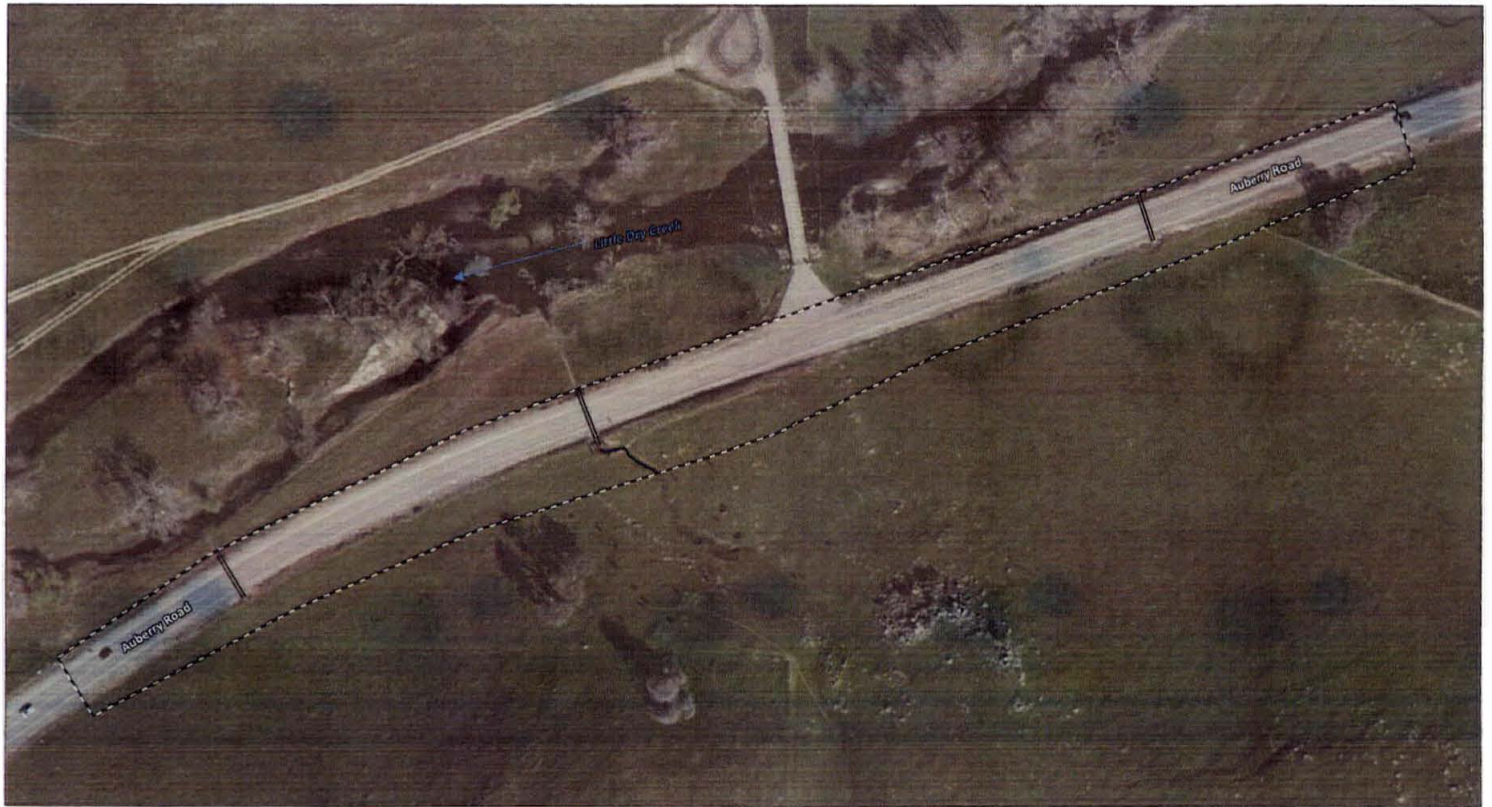


FIGURE 6

Clovis Landfill Left Turn Lane Project IS/MND
Potential Non-Wetland Waters

Table 2: Native Species Mix

Scientific Name	Common Name	Rate (Lbs/acre)	Minimum Percent Germination
<i>Artemisia douglasiana</i>	Mugwort	2.0	50
<i>Bromus carinatus</i>	California brome	5.0	85
<i>Elymus trachycaulus</i>	Slender wheatgrass	2.0	60
<i>Elymus X triticum</i>	Regreen	10.0	80
<i>Eschscholzia californica</i>	California poppy	2.0	70
<i>Hordeum brachyantherum</i>	California barley	2.0	80
<i>Lupinus bicolor</i>	Bicolored lupine	4.0	80

Source: LSA Associates, Inc., August 2016.

Implementation of Mitigation Measure BIO-1 would reduce potential impacts to western burrowing owls resulting from implementation of the proposed project to a less-than-significant level.

California Tiger Salamander. The reach of the ephemeral drainage in the BSA does not provide suitable aquatic habitat for CTS and no other suitable aquatic habitat for CTS occurs in the BSA. However, several ponds are located within 1.24 miles of the BSA that could provide suitable breeding habitat.

Numerous burrows were observed in the open grasslands within the BSA and vicinity which provide suitable upland habitat (estivation sites) for CTS. CTS may utilize these grassland areas for estivation or as a movement corridor between aquatic breeding and other upland estivation sites.

The proposed project would result in impacts to suitable upland habitat for CTS as a result of project construction. Permanent impacts, totaling 0.24 acre, would occur as a result of road widening on the south shoulder and adjacent slope excavation to maintain 2:1 slopes. Temporary impacts, totaling 0.27 acre, would occur as a result of construction access. Implementation of Mitigation Measure BIO-2 would reduce potential impacts to CTS.

Mitigation Measure BIO-2: The following measures shall be implemented by the City and/or project contractor during project construction to reduce potential impacts to CTS:

- Environmentally Sensitive Area (ESA) fencing shall be installed along the edge of the work limits, including staging areas. ESA fencing shall consist of orange construction fencing (or equivalent) and shall be maintained in good condition until construction is complete. In addition, silt fencing shall be installed along the bottom of the ESA fencing to prevent CTS from entering the work area during construction.
- A biological monitor shall be present during initial ground disturbing activities. Approval of the biologist shall be coordinated directly with CDFW and USFWS.
- If CTS are found within the area surveyed, they shall be relocated to suitable habitat outside of the work limits.

- Between November 1 and May 31 (CTS migration season), no construction activities shall occur in CTS upland habitat within 0.5 mile of CTS aquatic habitat within 24 hours following a substantial rain event (i.e., at least 0.25 inches). Prior to resuming construction, any active work areas within CTS upland habitat within 0.5 mile of CTS aquatic habitat shall be visually surveyed by the approved biological monitor prior to the start of construction to avoid affecting salamanders that may have emerged from their burrows and relocated in the BSA (e.g., under equipment).
- Following completion of the project, all fill slopes, temporary impact and/or otherwise graded or denuded areas shall be restored to preconstruction contours (if necessary) and revegetated with the seed mix specified in Table 2.
- Prior to ground disturbing activities, and if determined necessary by CDFW and USFWS, the City shall obtain authorization from both agencies for incidental take of CTS.
- To offset impacts to CTS upland habitat, the City shall purchase CTS upland habitat mitigation credits at a bank approved by the USFWS and CDFW. Sufficient CTS upland habitat mitigation credits shall be purchased to offset impacts at a 3:1 ratio for permanent impacts and a 1:1 ratio for temporary impacts. If an approved bank is not available at such time it is necessary to obtain take authorization in order to meet the project schedule, an alternative mitigation approach (e.g., providing a security credit) shall be developed, contingent on approval of CDFW and USFWS.

Implementation of Mitigation Measure BIO-2 would reduce potential impacts to CTS resulting from implementation of the proposed project to a less-than-significant level.

Western Spadefoot. There is no suitable aquatic habitat for western spadefoot in the BSA but the grassland vegetation provides potential upland habitat. Since potential breeding ponds are not located in the vicinity, there is low potential for this species to occur in the grassland vegetation within the BSA.

The proposed project would result in impacts to suitable upland habitat for western spadefoot as a result of project construction. Permanent impacts, totaling 0.24 acre, would occur as a result of road widening on the south shoulder and adjacent slope excavation to maintain 2:1 slopes. Temporary impacts, totaling 0.27 acre, would occur as a result of construction access.

Implementation of Mitigation Measure BIO-2 for CTS would reduce potential impacts to western spadefoot resulting from implementation of the proposed project to a less-than-significant level.

Special-Status Plants. The grassland vegetation in the BSA provides marginal habitat for several special-status plant species known to occur in the vicinity of the BSA and that are associated with vernal pools (or swales) and Mima mounds, neither of which occur in the BSA. However, since protocol surveys were not conducted in the BSA, these species cannot be definitively excluded from occurring.

Mitigation Measure BIO-3: The following measures shall be implemented by the City and/or project contractor during project construction to reduce potential impacts to special-status plants:

- Prior to ground disturbing activities, the a qualified biologist or botanist shall survey the BSA for special-status plants in accordance with the CDFW's Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities, dated 2009.
- If non-State and/or federally listed special-status plant species are identified within the work limits, a salvage and relocation plan shall be prepared and implemented prior to ground disturbing activities in the vicinity of the special status plants.
- If State and/or federally listed special-status plant species are identified within the work limits CDFW and/or USFWS shall be consulted to determine further action.

Implementation of Mitigation Measure BIO-3 would reduce potential impacts to special-status plants resulting from implementation of the proposed project to a less-than-significant level.

Nesting Migratory Birds. Disturbance of migratory birds during their nesting season (February 1 to August 31) could result in "take" which is prohibited under the Migratory Bird Treaty Act (MBTA) and Section 3513 of the California Fish and Game Code. Fish and Game Code (Section 3503) also prohibits take or destruction of bird nests or eggs. Implementation of Mitigation Measure BIO-3 would reduce potential impacts to nesting migratory birds.

Mitigation Measure BIO-4: The following seasonal work restrictions shall be implemented during construction to minimize the potential for take of nesting birds:

- If work must begin during the nesting season (February 1 to August 31), a qualified biologist shall survey all suitable nesting habitat in the BSA for presence of nesting birds. This survey shall occur no more than 10 days prior to the start of construction. If no nesting activity is observed, work may proceed as planned. If an active nest is discovered, a qualified biologist shall evaluate the potential for the proposed project to disturb nesting activities. The evaluation criteria shall include, but are not limited to, the location/orientation of the nest in the nest tree, the distance of the nest from the BSA, and line of sight between the nest and the BSA.
- CDFW shall be contacted to review the evaluation and determine if the project can proceed without adversely affecting nesting activities.
- If work is allowed to proceed, a qualified biologist shall be on-site weekly during construction activities to monitor nesting activity. The biologist shall have the authority to stop work if it is determined the project is adversely affecting nesting activities.

Implementation of Mitigation Measure BIO-4 would reduce potential impacts to nesting migratory birds resulting from implementation of the proposed project to a less-than-significant level.

- b) *Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? (Potentially Significant Unless Mitigation Incorporated)*

No riparian habitat or other sensitive natural communities occur in the BSA. The project site consists of developed, ruderal, and grassland areas. However, as mentioned above, an ephemeral drainage (potential non-wetland waters) occurs within the BSA. The proposed project would result in permanent impacts to approximately 0.005 acre of the ephemeral drainage as a result of road widening on the south shoulder and adjacent slope excavation to maintain 2:1 slopes. Implementation of Mitigation Measure BIO-5 would reduce potential impacts to the ephemeral drainage.

Mitigation Measure BIO-5: If the ephemeral drainage is determined to be jurisdictional waters by the U.S. Army Corps of Engineers (ACOE), Regional Water Quality Control Board (RWQCB), and/or CDFW, the following measures shall be implemented to mitigate impacts to jurisdictional waters in the BSA (i.e., ephemeral drainage):

- The City shall preserve, create, and/or restore the impacted resources at a minimum ratio of 1:1. This work shall occur within the project impact area and/or nearby areas within the same watershed; or, purchase of credits at an approved mitigation bank at a minimum 1:1 mitigation ratio.
- Prior to issuance of a grading permit or other authorization to proceed with project construction, the project proponent shall obtain any necessary permits, agreements, etc. from the ACOE, RWQCB, and/or CDFW.

With implementation of Mitigation Measure BIO-5 potential impacts of the proposed project to jurisdictional waters would be reduced to a less-than-significant level.

- c) *Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means? (No Impact)*

Aquatic resources within the BSA are limited to non-wetland waters consisting of the ephemeral drainage. No potential wetlands are located within the BSA. The project would not require direct removal, filling, hydrological interruptions, or construction that would affect federally protected wetlands. Therefore the project would have no impact.

- d) *Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? (Less-Than-Significant Impact)*

Wildlife movement corridors are linear habitats that function to connect two or more areas of significant wildlife habitat. These corridors may function on a local level as links between small habitat patches (e.g., streams in urban settings) or may provide critical connections between regionally significant habitats (e.g., deer movement corridors). Wildlife corridors typically include vegetation and topography that facilitate the movements of wild animals from one area of suitable habitat to another, in order to fulfill foraging, breeding, and territorial needs. These corridors often

provide cover and protection from predators that may be lacking in surrounding habitats. Wildlife corridors generally include riparian zones and similar linear expanses of contiguous habitat.

There is no evidence that the grasslands provide a significant migration route. Little Dry Creek may provide a potential east-west movement corridor for smaller species of wildlife in the local vicinity, but would be outside the project area. Therefore, impacts to local wildlife movement would be minor and insignificant, and no mitigation would be required.

e) *Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? (Potentially Significant Unless Mitigation Incorporated)*

The project would not conflict with any local policies or ordinances protecting biological resources. However, the project site is within Fresno County's General Plan area. Therefore, the following policies within the Fresno County General Plan Open Space and Conservation Element¹¹ as they relate to the protection of biological resources would be applicable to the project:

- **Policy OS-E1:** The County shall support efforts to avoid the "net" loss of important wildlife habitat where practicable. In cases where habitat loss cannot be avoided, the County shall impose adequate mitigation for the loss of wildlife habitat that is critical to supporting special-status species and/or other valuable or unique wildlife resources. Mitigation shall be at sufficient ratios to replace the function, and value of the habitat that was removed or degraded. Mitigation may be achieved through any combination of creation, restoration, conservation easements, and/or mitigation banking. Conservation easements should include provisions for maintenance and management in perpetuity. The County shall recommend coordination with the US Fish and Wildlife Service and the California Department of Fish and Game to ensure that appropriate mitigation measures and the concerns of these agencies are adequately addressed. Important habitat and habitat components include nesting, breeding, and foraging areas, important spawning grounds, migratory routes, migratory stopover areas, oak woodlands, vernal pools, wildlife movement corridors, and other unique wildlife habitats (e.g., alkali scrub) critical to protecting and sustaining wildlife populations.
- **Policy OS-E2:** The County shall require adequate buffer zones between construction activities and significant wildlife resources, including both onsite habitats that are purposely avoided and significant habitats that are adjacent to the project site, in order to avoid the degradation and disruption of critical life cycle activities such as breeding and feeding. The width of the buffer zone should vary depending on the location, species, etc. A final determination shall be made based on informal consultation with the US Fish and Wildlife Service and/or the California Department of Fish and Game.
- **Policy OS-E6:** The County shall ensure the conservation of large, continuous expanses of native vegetation to provide suitable habitat for maintaining abundant and diverse wildlife populations, as long as this preservation does not threaten the economic well-being of the county.
- **Policy OS-E9:** Prior to approval of discretionary development permits, the County shall require, as part of any required environmental review process, a biological resources evaluation of the project site by a qualified biologist. The evaluation shall be based upon field reconnaissance performed at the appropriate time of year to determine the presence or absence of significant resources and/or special-status plants or animals. Such evaluation will consider the potential for significant impact on

¹¹ Fresno, County of, 2000, op. cit.

these resources and will either identify feasible mitigation measures or indicate why mitigation is not feasible.

- **Policy OS-E10:** The County shall support State and Federal programs to acquire significant fish and wildlife habitat areas for permanent protection and/or passive recreation use.
- **Policy OS-E11:** The County shall protect significant aquatic habitats against excessive water withdrawals that could endanger special-status fish and wildlife or would interrupt normal migratory patterns.
- **Policy OS-E12:** The County shall ensure the protection of fish and wildlife habitats from environmentally-degrading effluents originating from mining and construction activities that are adjacent to aquatic habitats.
- **Policy OS-E17:** The County should preserve, to the maximum possible extent, areas defined as habitats for rare or endangered animal and plant species in a natural state consistent with State and Federal endangered species laws.

As identified in the responses above, with implementation of Mitigation Measures BIO-1 through BIO-4, the proposed project would not have a significant impact on biological resources and would be consistent with the County's General Plan Policies. Therefore, the project would not conflict with adopted policies, plans, or programs protecting biological resources. There would be no impact.

f) *Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan or other approved local, regional, or State habitat conservation plan? (No Impact)*

The project site is not subject to any adopted habitat conservation plan and is therefore subject to regulation by local, State, and federal laws on a case-by-case basis. As there is no adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or State habitat conservation plan applicable to the project, no impact would occur and no mitigation would be required.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES. Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES. Would the project:				
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

LSA conducted a cultural resources study for the proposed project area, which consisted of background research and a field survey. The purpose of this study was to identify historical resources, unique archaeological resources, paleontological resources (fossils), and human remains that may be impacted by the proposed project, as well as to recommend procedures for the mitigation of impacts to these resources, as appropriate. The methods and results of the cultural resources study are summarized below, and the analysis in this section is based on the study.

Background Research

Archival and background research was conducted to identify cultural resources in the project site and its vicinity. The background research consisted of a records search at the Southern San Joaquin Valley Information Center (SSJVIC); a review the Sacred Lands File at the Native American Heritage Commission (NAHC) in Sacramento; and a map review. The SSJVIC, an affiliate of the State of California Office of Historic Preservation, is the official state repository of cultural resource records and reports for Fresno County. The NAHC maintains the Sacred Lands File, which depicts reported locations of resources with cultural or religious significance to local Native American tribes.

The record search did not identify any cultural resources in the project area; however, one prehistoric archaeological cultural resource (CA-FRE-1391/P-10-000139) and one historic-period archeological cultural resource (CA-FRE-630H/P-10-000630) were identified within 0.5 miles of the project area.

A review of the NAHC Sacred Lands File for any Native American cultural resources located in or adjacent to the project site, received a response stating that "A search of the SLF was completed for the USGS quadrangle information provided with negative results."

Field Survey

A qualified archaeologist conducted a field survey of the project area and although the project area is almost entirely paved, exposed soils were present on the road shoulders, particularly on the south side of the road above the road cut. Exposed soils were examined for evidence of archaeological cultural resources.

No cultural resources were identified within the project area during the field survey; however, a previously recorded prehistoric site (CA-FRE-1391/P-10-001391) is recorded in the vicinity.

a) *Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5? (Potentially Significant Unless Mitigation Incorporated)*

For a cultural resource to be considered a historical resource (i.e., eligible for listing in the California Register of Historical Resources), it generally must be 50 years or older. No buildings are located on the project site; therefore the project site does not appear to have important historical associations that would qualify as historical resources under CEQA. Neither the background research nor the field survey identified historical resources in the project site. Archaeological sites are first assessed under CEQA to determine if they qualify as historical resources; if not, they are then assessed as potential unique archaeological resources.

Built Environment

No built-environment historical resources are present on or adjacent to the project site. Consequently, no mitigation measures for built-environment historical resources are necessary. No significant impacts on built-environment historical resources would be affected by the project.

Archeological Sites

The background research and field survey did not identify any archaeological resources within the project area. The majority of the project area is paved over, and most of the native ground surface that could reveal indications of archaeological cultural resources was not visible during the field survey. Prehistoric archeological site CA-FRE-1391/P-10-001391 is recorded in the vicinity.

The project area is sensitive for buried archaeological cultural resources based on (1) its proximity to previously recorded archaeological site CA-FRE-1391/P-10-001391; and (2) an environmental setting conducive to prehistoric activity (i.e., the proximity of Little Dry Creek). Project-related ground disturbance, including excavation, earthwork, grading, construction of concrete dikes and utilities, and equipment staging could damage or destroy previously unidentified archaeological deposits that qualify as historical resources or archeological resources under CEQA. Such deposits could be disturbed by project construction, which would result in a significant impact under CEQA Guidelines §15064.5. The following mitigation measure is proposed to reduce the project's potential impacts to previously unidentified resources.

Mitigation Measure CULT-1: The City shall retain a qualified archaeologist to monitor construction-related ground disturbance within the project area. The monitoring shall continue until grading and excavation is complete, or until the monitoring archaeologist, based on field observations, is satisfied that there is a low potential for encountering intact archaeological cultural resources and/or human remains.

If archaeological materials are encountered, work shall be halted in the immediate vicinity while the archaeological monitor assesses the nature of the deposit.

If the deposit is intact, it shall be evaluated for its eligibility for inclusion in the California Register of Historical Resources, in coordination with representatives from the City and applicable tribal groups. If the evaluation determines that the deposit is neither a historical nor a unique archaeological resource, the avoidance of potential impacts to the deposit is not

necessary. If the deposit is eligible, impacts to the resource should be mitigated. Mitigation may consist of excavating the archaeological deposit in accordance with a data recovery plan (see CEQA Guidelines §15126.4(b)(3)(C)), developed in consultation with tribal representatives; recording the resource; preparing a report of findings; and/or accessioning recovered archaeological materials at an appropriate curation facility. Public educational outreach may also be appropriate. Upon completion of the evaluation and, if necessary, the archaeologist shall prepare a draft report to document the methods and results of the investigation(s). The draft report shall be submitted to the City of Clovis, the descendant community involved in the investigation(s), and the SSJVIC.

Mitigation Measure CULT-1 would mitigate potential impacts to previously unidentified resources to a less-than-significant level by identifying and, where feasible, avoiding potential impacts to intact archaeological deposits. Where avoidance is not feasible, the mitigation would offset the potential loss of a sensitive resource by recovering, through documentation or excavation, the scientifically consequential data contained in the deposit that would otherwise be lost due to construction-related disturbance.

- b) *Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5? (Potentially Significant Unless Mitigation Incorporated)*

Archeological resources are discussed under Section V.a above. Mitigation Measure CULT-1, as presented in Section V.a, shall be implemented to address potential impacts to archaeological resources. Implementation of this mitigation measure would reduce potential impacts to these resources to less than significant, and therefore would not cause a substantial adverse change in the significance of an archeological resource.

- c) *Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? (No Impact)*

The project area lies at the mapped boundary of a granitic geologic formation to the south and a Pleistocene Epoch (2 million to 11,000 years ago) non-marine geological formation to the north. Granitic formations are igneous (volcanic) in origin and cannot contain fossil resources. The Pleistocene formation consists of alluvium that may be sensitive for terrestrial fossil resources. Soils mapping, however, depicts the project site as consisting of recently deposited soils derived from granitic parent material. Soils derived from granitic parent material are not sensitive for fossil resources. In addition, the project's grading activities would take place on the south side of the road mapped as granitic. As the project would be constructed in soils derived from granitic parent material, it would not directly or indirectly destroy a unique paleontological resource or site or unique geologic feature.

- d) *Disturb any human remains, including those interred outside of formal cemeteries? (Potentially Significant Unless Mitigation Incorporated)*

Prehistoric archaeological sites in the project area are known to contain Native American skeletal remains. Although no such remains have been identified within the project site, there is a possibility of encountering such remains, either in isolation or with prehistoric archaeological deposits. Such remains could be uncovered during project ground-disturbing activities. Based on the significance

criteria identified above, the project would have a significant effect on the environment if it would disturb human remains, including those interred outside of formal cemeteries. Implementation of Mitigation Measure CULT-2 would reduce impacts to human remains.

Mitigation Measure CULT-2: If human remains are encountered, work within 25 feet of the discovery should be redirected and the Fresno County Coroner notified immediately. At the same time, an archaeologist shall be contacted to assess the situation and consult with agencies as appropriate. Project personnel shall not collect or move any human remains and associated materials. If the human remains are of Native American origin, the Coroner must notify the NAHC within 24 hours of this identification. The NAHC would identify a MLD to inspect the site and provide recommendations for the proper treatment of the remains and associated grave goods. Upon completion of the assessment, the archaeologist shall prepare a report documenting the methods and results of the assessment, and provide recommendations for the treatment of the human remains and any associated cultural materials, as appropriate and in coordination with the recommendations of the MLD. The report would be submitted to the City of Clovis and the SSJVIC.

Mitigation Measure CULT-2 would mitigate this potential impact to a less-than-significant level through adherence to the requirements of California Health and Safety Code §7050.5. These provisions require the involvement of descendant communities to ensure that such remains are treated in a respectful manner and that their disposition would include measures to prevent future disturbance.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. GEOLOGY AND SOILS. Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. GEOLOGY AND SOILS. Would the project:				
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

California is geologically active and has the potential to expose people and structures to hazards. Fresno County is located within Seismic Zone 3 wherein the hazards associated with ground shaking are considered to be minimal.¹² Proper design and construction would reduce the potential for adverse effects to people and structures.

A Geotechnical Report was prepared for the proposed project by Moore Twining Associates, Inc. in 2015, including borings at a total of four locations, laboratory testing and preparation of recommendations for design and construction of the proposed project.¹³ Two cores were conducted within the eastbound lane of Auberry Road and two borings were drilled south of the edge of pavement of Auberry Road. The asphalt concrete section was cored at two locations, and the existing structural section thicknesses were recorded. The two borings drilled south of the pavement edge were intended to assess the subgrade soil conditions in the vicinity of the proposed cuts. Soils within the project area include near surface silty sands and sandy lean clays. Several of the following responses are based on the findings presented in the report.

¹² California Seismic Safety Commission, 2005. *Homeowner's Guide to Earthquake Safety*. July 1. Available online at: www.seismic.ca.gov/pub/CSSC_2005-01_HOG.pdf (accessed August 2016).

¹³ Moore Twining Associates, Inc. 2015. *Geotechnical Engineering Investigation CIP 15-13 Landfill Left Turn Lane – 15679 Auberry Road*. November 13.

- a) *Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving: i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42; ii) Strong seismic groundshaking; iii) Seismic-related ground failure, including liquefaction; iv) Landslides?*

i) *Rupture of a Known Earthquake Fault (No Impact)*

The Alquist-Priolo Earthquake Fault Zoning Act and the Seismic Hazards Mapping Act require the State Geologist to delineate regulatory “Zones of Required Investigation” to reduce the threat to public health and safety and to minimize the loss of life and property posed by earthquake-triggered ground failures. According to the Alquist-Priolo Earthquake Fault Zoning Map,¹⁴ areas within Fresno County are located within a fault-rupture hazard zone. However, according to the California Geologic Survey (CGS) Information Warehouse: Regulatory Maps, the project site is not located within the Regulatory Maps zone.¹⁵ In addition, the proposed project does not include new structures; therefore, the proposed project would not expose people or structures to potential risk of loss, injury, or death involving rupture of a known earthquake zone.

ii) *Strong Seismic Ground Shaking (No Impact)*

A number of active and potentially-active faults are located within and adjacent to Fresno County. Although most of Fresno County is situated within an area of relatively low seismic activity, by comparison to other areas of the state, the faults and fault systems that lie along the eastern and western boundaries of the county, as well as other regional faults, have the potential to produce high-magnitude earthquakes throughout the county.¹⁶ The most likely geologic hazard associated with earthquakes for the Fresno County area is ground shaking, rather than surface rupture or ground failure.¹⁷ However, due to the distance to the known faults, hazards due to ground shaking would be minimal. Additionally, no structures are proposed as part of the project. Therefore, no impacts related to strong seismic ground shaking would occur.

iii) *Seismic-Related Ground Failure, Including Liquefaction (Less-Than-Significant Impact)*

Soil liquefaction is primarily caused by saturated soil layers, located close to the ground surface, losing strength during ground shaking. Due to the loss of strength, the soil acquires “mobility” allowing both horizontal and vertical movements to occur. Soils that are most susceptible to liquefaction are loose, uniformly graded, saturated, fine-grained sands that lie relatively close to the ground surface. Soils within the project area include near surface silty sands and sandy lean clays.

¹⁴ California Geologic Survey, 2010. *Cities and Counties Affected by Alquist-Priolo Earthquake Fault Zones*. Website: www.conservation.ca.gov/cgs (accessed August 2016). January.

¹⁵ California Geologic Survey. 2015 *CGS Information Warehouse: Regulatory Maps*. Website: maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps (accessed August 2016).

¹⁶ Fresno, County of, 2000, op. cit.

¹⁷ Ibid.

Although the project site is adjacent to slopes, no structures are proposed as part of the project. Therefore, the proposed project would not expose people or structures to potential substantial effects associated with seismic-related ground failure, including liquefaction. Therefore, this impact is less than significant.

iv) Landslides (Less-Than-Significant Impact)

According to mapping provided in the CGS Information Warehouse: Landslides, the project site is not within a landslide hazard zone.¹⁸ In addition, the proposed project does not include new structures. Therefore, the proposed project would not expose people or structures to potential substantial adverse effects associated with landslides and impacts related to landslides would be less than significant.

b) Result in substantial soil erosion or the loss of topsoil? (Potentially Significant Unless Mitigation Incorporated)

Implementation of the proposed project would include grading activities that could result in short-term soil erosion during the construction period. Exposed soils are considered erodible when subjected to concentrated surface flow or wind. Mitigation Measures GEO-1 and GEO-2, described below, would reduce the potential for soil erosion.

Mitigation Measure GEO-1: Prior to the start of grading, the City shall prepare an Erosion Control Plan for the project in conformance with the California Storm Water Best Management Practice Handbook for Construction Activity to be implemented during construction to reduce the potential for soil erosion.

Mitigation Measure GEO-2: The City shall implement all applicable recommendations, design criteria, and specifications for construction and grading of the slope set forth in the Geotechnical Report to reduce erosion and instability. The following strategies are considered to be applicable, feasible, and effective in reducing erosion and instability generated by the project:

- Cut slopes up to about 15 feet high shall be graded at 2H to 1V or flatter for stability.
- The City shall maintain a minimum horizontal setback of 3 feet between the toe of an ascending slope and the paved edge of the roadway to allow for sediment to be removed periodically from the base of the slopes.
- The City shall provide lined (concrete or asphalt) brow ditches, "J-gutters," or swales above the top of cut slopes to collect surface runoff trending toward the slope and reduce the potential for erosion and/or instability.
- The existing bushes, native grasses, and weeds shall remain on the slopes where possible. If the existing vegetation is disturbed, shallow rooted ground cover, as well as deeper rooted trees or shrubs, shall be planted on the disturbed portions of the slopes to reduce erosion and aid in superficial slope stability.

¹⁸ California Geologic Survey. 2015 *CGS Information Warehouse: Landslides*. Website: maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps (accessed August 2016).

- The City shall vegetate all new graded slopes.
- If future erosion or instability in the form of slides, debris or earth flow, accelerated erosion, or other forms of slope instability occur on native or graded site slopes, a geotechnical engineer shall be contacted to provide recommendations for repair, and the distressed areas shall be repaired as soon as possible.
- Temporary excavations shall be constructed in accordance with CAL OSHA requirements. Temporary cut slopes shall not be steeper than 1.5:1, horizontal to vertical, and flatter if possible. If excavations cannot meet these criteria, the temporary excavations shall be shored.
- In no case shall excavations extend below a 1.5H to 1V zone below utilities or foundations. Excavations which are required to be advanced below the 1.5H to 1V envelope shall be shored to support the soils, foundations, and slabs.
- Shoring shall be designed by an engineer with experience in designing shoring systems and registered in the State of California.
- Excavation stability shall be monitored by the contractor. In the event that tension cracks or distress to the structure occurs, during or after excavation, the City and the geotechnical engineer shall be notified immediately and the contractor shall take appropriate actions to minimize further damage or injury.
- In the event that the earthwork operations for this project are conducted such that the construction sequence is not continuous, (or if construction operations disturb the surface soils) the exposed subgrade to receive floor slabs shall be tested to verify adequate compaction and/or moisture conditioning. If adequate compaction or moisture contents are not verified, the fill soils shall be over-excavated, scarified, moisture conditioned and compacted as recommended in the Recommendations section of the Geotechnical Report.

In addition, soil erosion and loss of topsoil would be minimized through implementation of SVJAPCD fugitive dust control measures (Mitigation Measure AIR-1) and compliance with the National Pollutant Discharge Elimination System (NPDES) permit requirements. See Sections III.b and VIII.a for further discussion of soil erosion and loss of topsoil. With implementation of these measures, the potential impacts of the proposed project to soil erosion and loss of topsoil would be considered less than significant.

- c) *Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on-or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? (Less-Than-Significant Impact)*

See VI.a.iii. and VI.a.iv. above. The slope on the south side of Auberry Road would require grading and, therefore, would result in a grade change and change in topography. However, as discussed in Sections VI.a.iii and VI.a.iv above, the project site is not located within a landslide hazard zone. Therefore, this impact would be less than significant.

- d) *Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property? (Less-Than-Significant Impact)*

Expansive soils can swell or shrink in response to changes in moisture, which can significantly damage infrastructure located on expansive soils. The type and amount of silt and clay in a soil will determine the expansion potential. Soils comprised of sand and gravel are not expansive soils. Soils at the proposed project site generally consist of surface silty sands and sandy lean clays. Therefore, the project would not create substantial risks to life or property due to expansive soils.

- e) *Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water? (No Impact)*

The proposed project would not require the use of septic tanks or other alternative waste water disposal systems. Therefore, no impact would occur.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GREENHOUSE GAS EMISSIONS. Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting

The proposed project is part of the San Joaquin Valley Air Basin, which is managed by the San Joaquin Valley Air Pollution Control District (SJVAPCD).

Greenhouse gases (GHGs) are present in the atmosphere naturally, are released by natural sources, or are formed from secondary reactions taking place in the atmosphere. The gases that are widely seen as the principal contributors to human-induced global climate change are:

- Carbon dioxide (CO₂);
- Methane (CH₄);
- Nitrous oxide (N₂O);
- Hydrofluorocarbons (HFCs);
- Perfluorocarbons (PFCs); and
- Sulfur Hexafluoride (SF₆).

Over the last 200 years, humans have caused substantial quantities of GHGs to be released into the atmosphere. These extra emissions are increasing GHG concentrations in the atmosphere and enhancing the natural greenhouse effect, which is believed to be causing global warming. While manmade GHGs include naturally-occurring GHGs such as CO₂, CH₄, and N₂O, some gases, like HFCs, PFCs, and SF₆ are completely new to the atmosphere.

Certain gases, such as water vapor, are short-lived in the atmosphere. Others remain in the atmosphere for significant periods of time, contributing to climate change in the long term. Water vapor is excluded from the list of GHGs above because it is short-lived in the atmosphere and its atmospheric concentrations are largely determined by natural processes, such as oceanic evaporation.

These gases vary considerably in terms of Global Warming Potential (GWP), which is a concept developed to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP is based on several factors, including the relative effectiveness of a gas to absorb infrared radiation and length of time that the gas remains in the atmosphere ("atmospheric lifetime"). The GWP of each gas is measured relative to CO₂, the most abundant GHG; the definition of GWP for a particular GHG is the ratio of heat trapped by one unit mass of the GHG to the ratio of heat trapped by one unit mass of CO₂ over a specified time period. GHG emissions are typically measured in terms of pounds or tons of "CO₂ equivalents" (CO₂e).

- a) *Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? (Less-Than-Significant Impact)*

Short-Term (Construction) Emissions. Construction activities, such as site preparation, site grading, on-site heavy-duty construction vehicles, equipment hauling materials to and from the site, and motor vehicles transporting the construction crew would produce combustion emissions from various sources. During construction of the proposed project, GHGs would be emitted through the operation of construction equipment and from worker and builder supply vendor vehicles, each of which typically uses fossil-based fuels to operate. The combustion of fossil-based fuels creates GHGs such as CO₂, CH₄, and N₂O. Furthermore, CH₄ is emitted during the fueling of heavy equipment. Exhaust emissions from on-site construction activities would vary daily as construction activity levels change. According to the results of the RoadMod analysis, the project would generate 72.37 metric tons CO₂e construction emissions. Implementation of Mitigation Measure AIR-1 would further reduce construction GHG emissions by limiting construction idling emissions. Therefore, construction emissions would not be considered significant.

Long-Term (Operational) Emissions. Long-term air emissions impacts are associated with any change in permanent use for the project site by on-site stationary and off-site mobile sources that substantially increase vehicle trip emissions. No stationary sources are associated with the proposed project. The proposed project would not result in an increase in traffic on area roadways. Vehicle emissions associated with the proposed project would be similar to what occurs under existing conditions as the project would accommodate existing and projected demand. Therefore, the proposed project would not result in an increase in any long-term GHG emissions. As such, the proposed project would not generate GHG emissions that would have a significant impact on the environment.

- b) *Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases? (Less-Than-Significant Impact)*

In August 2008, the SJVAPCD adopted the Climate Change Action Plan (CCAP).¹⁹ The CCAP directed the SJVAPCD to develop guidance to assist lead agencies, project proponents, permit applicants, and interested parties in assessing and reducing the impacts of project specific greenhouse gas emissions on global climate change.

In December 2009, the SJVAPCD adopted the guidance: Guidance for Valley Land-use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA²⁰ and the policy: District Policy – Addressing GHG Emission Impacts for Stationary Source Projects Under CEQA When Serving as the Lead Agency.²¹ The guidance and policy rely on the use of performance based standards, otherwise known as Best Performance Standards (BPS),²² to assess significance of project-specific greenhouse gas emissions on global climate change during the environmental review process, as required by CEQA. Projects implementing BPS in accordance with SJVAPCD's guidance would be determined to have a less-than-significant individual and cumulative impact on greenhouse gas emissions and would not require project specific quantification of greenhouse gas emissions.

The BPS include standards related to Bicycle/Pedestrian/Transit Measures, Parking Measures, Site Design Measures, Mixed-use Measures, Building Component Measures, and Transportation Demand Management Measures and are not specifically applicable to this turn lane project. The BPS do not include measures related to construction.

Projects not implementing BPS would require quantification of project specific greenhouse gas emissions. To be determined to have a less-than-significant individual and cumulative impact on greenhouse gas emissions, such projects must be determined to have reduced or mitigated greenhouse gas emissions by 29 percent, consistent with greenhouse gas emission reduction targets established in California Air Resources Board's (ARB) AB 32 Scoping Plan. Construction emissions, as discussed above, would be minimal and would cease once the project is completed. Additionally, as discussed above, the proposed project would not generate long-term GHG emissions. Therefore, the proposed project would not generate substantial GHG emissions that would have a significant effect on the environment and would be consistent with the SJVAPCD's CCAP. Therefore, the proposed project

¹⁹ San Joaquin Valley Air Pollution Control District, 2008. *Climate Change Action Plan*. November.

²⁰ San Joaquin Valley Air Pollution Control District, 2009. *Guidance for Valley Land-Use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA*. Available online at: www.valleyair.org/programs/CCAP/12-17-09/3%20CCAP%20-%20FINAL%20LU%20Guidance%20-%20Dec%2017%202009.pdf (accessed August 2016). December 17.

²¹ San Joaquin Valley Air Pollution Control District, 2009. *Addressing GHG Emission Impacts for Stationary Source Projects under CEQA When Serving as the Lead Agency*. Available online at: www.valleyair.org/Programs/CCAP/12-17-09/2%20CCAP%20-%20FINAL%20District%20Policy%20CEQA%20GHG%20-%20Dec%2017%202009.pdf (accessed August 2016). December 17.

²² San Joaquin Valley Air Pollution Control District, 2009. *Final Staff Report Appendix J: GHG Emission Reduction Measures – Development Projects*. Available online at: www.valleyair.org/Programs/CCAP/bps/Appendix%20J%20-%20Dec%2017%202009.pdf (accessed August 2016). December 17.

would not conflict with plans, policies, or regulations adopted for the purpose of reducing GHG emissions. This impact would be less than significant.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. HAZARDS AND HAZARDOUS MATERIALS.				
Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project located within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. HAZARDS AND HAZARDOUS MATERIALS.				
Would the project:				
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

The area immediately surrounding the proposed project consists of foothill grasslands. No gas stations, industrial facilities, or dry cleaners are located in the immediate area.

- a) *Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? (Less-Than-Significant Impact)*

Construction of the proposed project would require the use of heavy equipment and the installation of new pavement. Hazardous materials such as fuel, asphalt, and solvents would be used during construction. However, all materials used during construction would be contained, stored, and handled in compliance with applicable standards and regulations established by the Department of Toxic Substances Control (DTSC), the United States Environmental Protection Agency (EPA), and the Occupational Safety and Health Administration (OSHA). No manufacturing, industrial, or other uses utilizing large amounts of hazardous materials would occur within the project site. The use of hazardous materials would be confined to the project construction period. Therefore, the proposed project would have a less-than-significant impact associated with the routine transport, use, or disposal of hazardous materials, and no mitigation is required.

- b) *Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? (Less-Than-Significant Impact)*

See Section VIII.a above. The proposed project would not result in a significant hazard to the public or the environment through a reasonably foreseeable upset or accidental condition related to the release of hazardous materials. No mitigation is required.

- c) *Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? (No Impact)*

The project site is not located within 0.25 miles of any existing school. The proposed project would not result in the use or emission of substantial quantities of hazardous materials that would pose a human or environmental health risk. Therefore, implementation of the proposed project would not result in the use or emission of hazardous materials that would adversely affect an existing school.

- d) *Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? (No Impact)*

According to the DTSC EnviroStor database,²³ the project site is not located on a federal superfund site, State response site, voluntary cleanup site, school cleanup site, evaluation site, school investigation site, military evaluation site, tiered permit site, or corrective action site. The project site is not included on the list of hazardous materials sites compiled pursuant to Government Code Section 65962.5.²⁴ As a result, no impacts related to this issue are anticipated, and no mitigation is required.

- e) *For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area? (No Impact)*

The proposed project is not located within 2 miles of a public airport or a public use airport and is not within an airport land use plan. The nearest airport, Fresno Yosemite International Airport, is located approximately 16 miles south of the project area. Operations at the Fresno Yosemite International Airport are not expected to pose a safety hazard at the project site. Therefore, implementation of the proposed project would not expose persons to airport-related hazards, and no impact would occur. No mitigation is required.

- f) *For a project located within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area? (No Impact)*

See Section VIII.e, above. No hazardous impacts related to the site's proximity to a private airport facility would occur, and no mitigation is required.

- g) *Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? (Less-Than-Significant Impact)*

The proposed project would not interfere with or impair implementation of an emergency response plan or evacuation plan. Implementation of the proposed project would widen Auberry Road to accommodate a new left turn lane, and the roadway would operate more efficiently as a result. The proposed project would improve circulation of traffic in the vicinity of the project site, thereby potentially improving access for emergency response or emergency evacuation. Therefore the

²³ California Department of Toxic Substances Control, 2007. EnviroStor. Website: www.envirostor.dtsc.ca.gov/public (accessed August 2016).

²⁴ California Environmental Protection Agency, 2011. Government Code Section 65962.5(a). Website: www.calepa.ca.gov/sitecleanup/corteselist/SectionA.htm (accessed August 2016). October 6.

proposed project would have a less-than-significant impact on an adopted emergency response plan or emergency evacuation plan.

- h) *Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands? (No Impact)*

Implementation of the proposed project would not change the degree of exposure to wildfires, because no new housing or businesses would be constructed. Therefore, the proposed project would not expose people or structures to a significant risk of loss, injury or death involving wildland fires.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HYDROLOGY AND WATER QUALITY.				
Would the project:				
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HYDROLOGY AND WATER QUALITY.				
Would the project:				
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding of as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting

The proposed project is located in Fresno County and is within the jurisdiction of the Central Valley Regional Water Quality Control Board (RWQCB).

a) *Violate any water quality standards or waste discharge requirements? (Potentially Significant Unless Mitigation Incorporated)*

Implementation of the proposed project would include the widening of Auberry Road to accommodate a left turn lane. Pollutants of concern during construction include sediments, trash, petroleum products, concrete waste (dry and wet), sanitary waste, and chemicals. During construction activities, exposed excavated soils would have an increased potential for wind and water erosion, which could result in temporary minimal increases in sediment load in nearby water bodies. Any potential short-term water quality effects from project related construction activities would be minimized and reduced through implementation of Mitigation Measure HYDRO-1, as follows.

Mitigation Measure HYDRO-1: To minimize any potential short-term water quality effects from project-related construction activities, the project contractor shall implement BMPs in conformance with the Caltrans Statewide National Pollutant Discharge Elimination System (NPDES) and California Storm Water Best Management Practice Handbook for Construction Activity. The proposed project shall comply with existing regulatory requirements, including the Water Pollution Control Preparation (WPCP) Manual.

In addition, implementation of a Storm Water Pollution Prevention Plan (SWPPP) would be required under the National Pollutant Discharge Elimination System (NPDES) to regulate water quality associated with construction activities.

The proposed project is located approximately 120 feet south of the nearest water body, the Little Dry Creek. As discussed in the Project Description, construction of the project would include extension of the underground drainage pipes under Auberry Road. An ephemeral drainage is also located near the project site; the drainage flows south to north, passing beneath Auberry Road through a corrugated pipe culvert, before discharging into Little Dry Creek.

Stormwater runoff would be handled by the existing storm drain system. Operation of the proposed roadway could result in surface water pollution associated with leaking oil and other automotive fluids. These pollutants could enter creeks through the storm drain system during periods of heavy precipitation. Implementation of Mitigation Measure HYDRO-2, described below, would ensure that stormwater runoff from the widened roadway would be appropriately managed to prevent pollutants from being discharged into creeks.

Mitigation Measure HYDRO-2: The City shall incorporate Design Pollution Prevention (DPP) and Treatment Control BMPs into the project design in accordance with the standards outlined in Caltrans' Stormwater Quality Handbook: Project Planning and Design Guide. The City shall coordinate with the RWQCB with respect to feasibility, maintenance, and monitoring of Treatment Control BMPs as set forth in Caltrans' Statewide Stormwater Management Plan (SWMP).

Implementation of Mitigation Measures HYDRO-1 and HYDRO-2, would reduce the proposed project's potential impact to water quality standards or waste discharge requirements to a less-than-significant level.

- b) *Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)? (No Impact)*

The proposed project would not affect an aquifer or the local water table. The proposed project would not require the use of groundwater supplies or interfere substantially with groundwater recharge. There would be no impact.

- c) *Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site? (Potentially Significant Unless Mitigation Incorporated)*

The slope on the south side of Auberry Road would require grading to accommodate the road widening. The excavation and grading would alter the existing topography, which could result in a change in drainage patterns and could expose native soils to the effects associated with wind and water erosion unless adequate measures are taken to limit the transport of soils in surface water from the site to downstream locations.

Precise details of project construction are not yet available. However, Mitigation Measure GEO-2 would require the proposed project to implement all applicable construction recommendations, design criteria, and specifications set forth in the Geotechnical Report.

Compliance with Mitigation Measure GEO-2 would implement various design strategies for slope grading and drainage recommended by the Geotechnical Report that are applicable to the project to reduce erosion and instability. With implementation of these measures, the project's potential impacts to on-site flooding, erosion, and siltation would be considered less than significant.

- d) *Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site? (Potentially Significant Unless Mitigation Incorporated)*

See Section IX.c, above. With implementation of Mitigation Measure GEO-2, the proposed project would not substantially increase the rate or amount of surface runoff that would result in flooding on- or off-site. No mitigation is required.

- e) *Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff? (Less-Than-Significant Impact)*

The proposed project would result in construction of a new roadway surface. Runoff resulting from rainfall on the proposed impervious surface would be collected via the existing drainage system as well as proposed improvements. As described in Section IX.b, above, the project would not contribute significantly more runoff or polluted water than produced by the existing roadway. Therefore, potential impacts related to stormwater runoff are considered less than significant.

- f) *Otherwise substantially degrade water quality? (No Impact)*

See Section IX.a above.

- g) *Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? (No Impact)*

No housing units are proposed as part of the project; therefore the proposed project would not place housing within a 100-year flood hazard area.

- h) *Place within a 100-year flood hazard area structures which would impede or redirect flood flows? (No Impact)*

No structures are proposed as part of the project; therefore the proposed project would not place structures within a 100-year flood area that would impede or redirect flood flows.

- i) *Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding of as a result of the failure of a levee or dam? (No Impact)*

No new buildings or structures are proposed as part of the project; therefore the proposed project would not expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam.

- j) *Inundation by seiche, tsunami, or mudflow? (Less-Than-Significant Impact)*

Although slopes are located adjacent to the project site, with implementation of Mitigation Measure GEO-2, the risk from mudflow would be low. Furthermore, no enclosed bodies of water are in close enough proximity to create a potential risk for seiche or a tsunami at the project site. Therefore, potential hazards from inundation from seiche, tsunami, or mudflow would be less than significant and no mitigation is required.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
X. LAND USE AND PLANNING. Would the project:				
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

The project is located adjacent to the Clovis Landfill entrance in an area consisting of foothill grassland. The zoning near the project area consists of Open Conservation and Public/Quasi-Public Facilities land uses as designated by the Fresno County General Plan²⁵ and the City of Clovis General Plan.²⁶

a) *Physically divide an established community? (Less-Than-Significant Impact)*

The physical division of an established community typically refers to the construction of a feature, such as interstate highway, or the removal of a means of access, such as a local road, that would impair mobility within an existing community or between a community and outlying areas. For example, the construction of an interstate highway through an existing community may constrain travel from one side of the community to another; similarly, such construction may also impair travel to areas outside of the community.

In general, development of the proposed project would not create a physical barrier to travel within the project area, as it would widen an existing roadway and improve accessibility and safety in the area. As such, the proposed project would not divide the physical arrangement of an established community and this impact would be less than significant.

b) *Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect? (Less-Than-Significant Impact)*

The proposed project would acquire land along Auberry Road in order to implement the proposed widening. The acquisitions that are required would not affect the continued use of the properties, which are foothill grasslands. The proposed project would expand and introduce transportation facilities within an area where these uses are already present.

Table 3 shows the estimated land use changes resulting from the proposed project. The owners of any properties acquired for project right-of-way would be compensated for the loss and/or use in accordance with State right-of-way requirements.

Table 3: Estimated Land Use Changes Resulting from the Proposed Project

APN	Land Use Converted	Total Area Converted
300-080-80	Open Conservation to Transportation	4,175 square feet
300-080-83 ST	Open Conservation to Transportation	6,737 square feet
Total		10,912 square feet

Source: City of Clovis, October 2017.

²⁵ Fresno, County of, 2000, op. cit.

²⁶ Clovis, City of, 2014, op. cit.

The proposed project would not result in the introduction of new land uses on the site or in the surrounding area and thus, would not result in land use compatibility conflicts. The proposed project would extend an existing land use, transportation, to these newly acquired properties. Therefore, the proposed project would not conflict with existing uses and this impact would be less-than-significant.

c) *Conflict with any applicable habitat conservation plan or natural community conservation plan?*
(No Impact)

The project site is not covered by a habitat conservation plan or natural community conservation plan. Therefore, the project would not conflict with any applicable habitat conservation plan or natural community conservation plan and there would be no impact.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. MINERAL RESOURCES. Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Environmental Setting

The Surface Mining and Reclamation Act (SMARA) regulates surface mining in California. SMARA was adopted in 1975 to protect the State's need for a continuing supply of mineral resources and to protect the public and environmental health. SMARA requires that all cities incorporate mapped mineral resource designations approved by the State Mining and Geology Board into their General Plans.

The County's General Plan Policy OS-C.2 refers to Figures 7-9, 7-10, and 7-11 in the Fresno County General Background Report²⁷ to determine mineral resource zones. The Background Report categorizes four established designations for mineral resource zones as follows:

²⁷ Fresno, County of. 2000. *Fresno County General Plan Background Report*. Website: www.co.fresno.ca.us/viewdocument.aspx?id=5696 (accessed August 2016). October 3.

- MRZ-1: Areas where adequate information indicates that no significant mineral deposits are present, or where it is judged that little likelihood exists for their presence.
- MRZ-2: Areas where adequate information indicates that significant mineral deposits are present, or where it is judged that there is a high likelihood for their presence.
- MRZ-3: Areas containing mineral deposits the significance of which cannot be evaluated from available data.
- MRZ-4: Areas where available information is inadequate for assignment to any other mineral resource zone.

Of these four categories, lands classified as MRZ-2 are of the greatest importance because they identify significant mineral deposits of a particular commodity. MRZ-3 areas are also of interest because they identify areas that may contain additional resources of economic importance.²⁸

- a) *Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State? (Less-Than-Significant Impact)*

Based on the figures in the Background Report, the proposed project is potentially located within MRZ-1 and MRZ-3. As discussed above, areas within MRZ-1 have no significant deposits present or little likelihood exists for their presence. Areas within MRZ-3 contain mineral deposits, the significance of which cannot be determined based on the available data. The project would result in disturbance to a relatively small area, and based on available data, a mineral resource loss associated with project implementation is not anticipated. Therefore, implementation of the proposed project would not result in the loss of known mineral resources or recovery sites.

- b) *Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? (Less-Than-Significant Impact)*

See Section XI.a. above.

²⁸ Ibid.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. NOISE. Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

A project will normally have a significant effect on the environment related to noise if it would substantially increase the ambient noise levels for adjoining areas or conflict with the adopted environmental plans and goals of the community in which it is located. The applicable noise standards governing the project site are the criteria in the Fresno County General Plan Health and Safety Element and Chapter 8.40, Noise Control, of the Fresno County Municipal Code.

Noise impacts can be described in three categories. The first is audible impacts that increase noise levels noticeable to humans. Audible increases in noise levels generally refer to a change of 3.0 decibels (dB) or greater since this level has been found to be barely perceptible in exterior environments. The second category, potentially audible, is the change in the noise level between 1.0 and 3.0 dB. This range of noise levels has been found to be noticeable only in laboratory environments. The last category is changes in noise level of less than 1.0 dB, which are inaudible to the human ear. Only audible changes in existing ambient or background noise levels are considered potentially significant. For the purpose of this analysis, the proposed project creates a significant noise impact if the project-

related noise increase at an existing sensitive receptor is greater than 3 dB and the resulting noise level is greater than the standards cited below or if the project-related increase in noise is greater than 5 A-weighted decibels (dBA), yet the resulting noise levels are within the applicable land use compatibility standards for the sensitive use.

Certain land uses are considered more sensitive to noise than others. Examples of sensitive land uses include residential areas, educational facilities, hospitals, childcare facilities, and senior housing. The project site is located in an area consisting of foothill grasslands. The closest sensitive receptors are residential uses located over 1,000 feet east of the project site.

The primary existing noise source contributing to ambient noise in the project area is traffic associated with Auberry Road and other noise from motor vehicles generated by engine vibrations, the interaction between the tires and the road, and vehicle exhaust systems.

- a) *Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? (**Less-Than-Significant Impact**)*

Short-Term (Construction) Noise Impacts. Short-term noise impacts would occur during demolition, grading and site preparation activities. Table 4 lists maximum noise levels recommended for noise impact assessments for typical construction equipment, based on a distance of 50 feet between the equipment and a noise receptor. Construction-related short-term noise levels would be higher than existing ambient noise levels currently in the project area but would no longer occur once construction of the project is completed.

Table 4: Typical Construction Equipment Maximum Noise Levels, L_{max}

Type of Equipment	Range of Maximum Sound Levels (dBA at 50 feet)	Suggested Maximum Sound Levels for Analysis (dBA at 50 feet)
Pile Drivers	81 to 96	93
Rock Drills	83 to 99	96
Jackhammers	75 to 85	82
Pneumatic Tools	78 to 88	85
Pumps	74 to 84	80
Scrapers	83 to 91	87
Haul Trucks	83 to 94	88
Cranes	79 to 86	82
Portable Generators	71 to 87	80
Rollers	75 to 82	80
Dozers	77 to 90	85
Tractors	77 to 82	80
Front-End Loaders	77 to 90	86
Hydraulic Backhoe	81 to 90	86
Hydraulic Excavators	81 to 90	86
Graders	79 to 89	86
Air Compressors	76 to 89	86
Trucks	81 to 87	86

Source: Bolt, Beranek & Newman, 1987. Noise Control for Buildings and Manufacturing Plants.

Two types of short-term noise impacts could occur during construction of the proposed project. The first type involves construction crew commutes and the transport of construction equipment and materials to the site for the proposed project, which would incrementally increase noise levels on roads leading to the site. As shown in Table 4, there would be a relatively high single-event noise exposure potential at a maximum level of 87 dBA L_{max} with trucks passing at 50 feet.

The second type of short-term noise impact is related to noise generated during excavation, grading, and construction on the project site. Construction is performed in discrete steps, or phases, each with its own mix of equipment and, consequently, its own noise characteristics. These various sequential phases would change the character of the noise generated on site. Therefore, the noise levels vary as construction progresses. Despite the variety in the type and size of construction equipment, similarities in the dominant noise sources and patterns of operation allow construction-related noise ranges to be categorized by work phase.

Table 4 lists maximum noise levels recommended for noise impact assessments for typical construction equipment, based on a distance of 50 feet between the equipment and a noise receptor. Typical maximum noise levels range up to 91 dBA L_{max} at 50 feet during the noisiest construction phases. The site preparation phase, including excavation and grading of the site, tends to generate the highest noise levels because earthmoving machinery is the noisiest construction equipment. Earthmoving equipment includes excavating machinery such as backfillers, bulldozers, draglines, and front loaders. Earthmoving and compacting equipment includes compactors, scrapers, and graders. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full-power operation followed by 3 or 4 minutes at lower power settings.

Construction noise is permitted by the Municipal Code²⁹ when activities occur between the hours of 6:00 a.m. and 9:00 p.m. Monday through Friday and between 7:00 a.m. and 5:00 p.m. on Saturdays and Sundays. Sensitive receptors are located over 1,000 feet from the project site. Therefore, the closest off-site residences may be subject to short-term construction noise reaching 65 dBA L_{max} when construction is occurring at the project site boundary. Based on the substantial distance between receptors and the construction activities, the project would not be expected to result in the exposure of sensitive receptors to noise levels in excess of standards.

Operational Noise Impacts. Implementation of the proposed project would not result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, since the project is not expected to increase vehicular traffic or other operational noise. The noise level would be similar to existing conditions and would not be significant. Therefore, no significant long-term noise impacts would occur after construction is completed.

- b) *Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels? (Less-Than-Significant Impact)*

Common sources of ground borne vibration and noise include trains and construction activities such as blasting, pile driving and operating heavy earthmoving equipment. Construction of the proposed

²⁹ Fresno, County of. 2017. *Code of Ordinances. Chapter 8.40 Noise Control*. November 29.

project would involve demolition, site preparation, and construction activities but would not involve the use of construction equipment that would result in substantial ground-borne vibration or ground-borne noise on properties adjacent to the project site. No pile driving or other construction activity that would generate very high noise levels or ground borne vibration would occur. Furthermore, operation of the proposed project would not generate substantial ground-borne noise and vibration. Therefore, the project would not result in the exposure of persons to or generation of excessive ground-borne noise and vibration impacts are considered less than significant, and no mitigation is required.

- c) *A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? (Less-Than-Significant Impact)*

As discussed in Section XII.a, above, the proposed project would not generate a significant increase in ambient noise levels. No substantial long-term increase in ambient noise levels is expected as a result of project implementation.

- d) *A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? (Less-Than-Significant Impact)*

Although temporary high intermittent construction noise would occur at times in the project area during project construction, construction activity would be compliant with the County's Municipal Code, and construction noise would not be significant. Therefore, the project would not result in a substantial temporary or periodic increase in ambient noise levels.

- e) *For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? (No Impact)*

The proposed project is not located within 2 miles of a public or public use airport. Fresno Yosemite International Airport is the closest airport and is located approximately 16 miles south of the project. Aircraft noise is occasionally audible at the project site; however, no portion of the project site lies within the 65 dBA CNEL noise contours of any public airport nor does any portion of the project site lie within 2 miles of any private airfield or heliport. Therefore, the impact of noise levels from aviation sources would be less than significant.

- f) *For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels? (No Impact)*

See Section VIII.e. The project is not located within 2 miles of a public or public use airport and would not expose future site users to excessive noise levels.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. POPULATION AND HOUSING. Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

The project site is located adjacent to the Clovis Landfill entrance in an area consisting of foothill grasslands. The proposed project would include the widening of an existing roadway to accommodate a left turn lane and associated roadway improvements.

- a) *Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? (No Impact)*

The proposed project would result in the widening of Auberry Road. No residents are located on the project site. No new housing, commercial, or industrial uses would be developed as part of the proposed project. New infrastructure would not be extended to an undeveloped site that would allow for new development. Therefore, the proposed project would not directly or indirectly induce substantial population growth.

- b) *Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere? (No Impact)*

No housing or people would be displaced as a result of the proposed project.

- c) *Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere? (No Impact)*

See Section XII.b. above.

XIV. PUBLIC SERVICES.

- a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
i. Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii. Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii. Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv. Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
v. Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

The project site is located in an area that is already served by public service systems. Police protection services are provided by the Fresno County Sheriff's Office. Fire protection and emergency response services for the project site are provided by CAL FIRE Fresno - Kings Unit and the Fresno County Fire Protection District.

- a) *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services: Fire protection, police protection, schools, parks, other public facilities?*
(No Impact)

The proposed project would widen Auberry Road to provide a left turn lane into the Clovis Landfill. The roadway improvements would not result in an increase in population or facilities that would require the provision of new or additional fire or police services, schools, parks, or other public facilities, or result in the need for physically altered facilities. Therefore, the project would not result in adverse impacts associated with public services.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. RECREATION.				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

The project site does not include any recreation facilities.

- a) *Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? (No Impact)*

The proposed project would not result in an increase in the use of existing neighborhood and regional parks or other recreational facilities. The proposed project would widen Auberry Road to provide a left turn lane into the Clovis Landfill. The proposed project would not result in an increase to population growth, which could in turn increase demand for recreation facilities. Therefore, no impact to parks or recreational facilities would occur as a result of the proposed project.

- b) *Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment? (No Impact)*

Refer to Section XV.a. The proposed project would not include any recreational facilities nor would it require the construction or expansion of existing recreational facilities. Therefore, no impact would occur.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. TRANSPORTATION/TRAFFIC. Would the project:				
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

The proposed project would run approximately 1,600 feet along Auberry Road. For the proposed alignment, Auberry Road currently has one 12-foot travel lane and one 4-foot bike lane in each direction, for a total road width of 32 feet. Both sides of the roadway include a flat, unpaved narrow shoulder. A cut slope is located adjacent to the south side of the roadway. The proposed project would widen the roadway by 12 feet to accommodate the new left turn lane.

- a) *Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit? (Potentially Significant Unless Mitigation Incorporated)*

The proposed project would widen Auberry Road to include a left turn lane into the Clovis Landfill. It would not generate new vehicle trips and would improve traffic conditions on Auberry Road by clearly delineating the through lanes and the turning lane. Therefore, the proposed project would not result in any new traffic that could exceed the capacity of the street system.

Although the proposed project itself would not generate new vehicle trips, construction of the project could result in a temporary increase in traffic volumes and disruption of traffic flow during construction activities. Construction is anticipated to take approximately 30 days. Construction activities would be conducted between the hours of 6:00 a.m. and 9:00 p.m. Monday through Friday and potentially between 7:00 a.m. and 5:00 p.m. on Saturdays and Sundays.³⁰ Construction of the proposed project is not anticipated to result in the closure of Auberry Road. Implementation of the following mitigation measure would reduce the impact of construction traffic on the adjacent roadways to a less-than-significant level.

Mitigation Measure TRANS-1: Prior to construction, the City shall develop a construction traffic management plan that specifies measures that would reduce impacts to motor vehicle, bicycle, pedestrian, and transit circulation. The construction traffic management plan shall include the following:

- Disclosure of all planned construction activity (such as provisions for staging, grading, and trash removal) and duration.
- Location of construction staging areas for materials, equipment, and vehicles.
- Anticipated number of truck trips, truck routes, employees, and employee parking locations.
- Identification of haul routes for movement of construction trucks and vehicles that would minimize impacts on vehicular and pedestrian traffic, circulation and safety, and provision for monitoring surface streets used for haul routes so that any damage and debris attributable to the haul trucks can be identified and corrected by the City or construction contractor.
- Notification procedures for adjacent property owners and public safety personnel regarding when major project-related deliveries, detours, and lane closures would occur.
- A process for responding to, and tracking, complaints pertaining to construction activity, including identification of an on-site complaint manager.
- The measures outlined in the construction plans shall be devised to reduce circulation impacts during the construction period to the maximum extent possible.

³⁰ Ibid.

With implementation of a construction traffic management plan, circulation impacts associated with construction of the project would be less than significant.

- b) *Conflict with an applicable congestion management program, including but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways? (Less-Than-Significant Impact)*

The Fresno Council of Governments (COG) 2014 Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS)³¹ was adopted on June 26, 2014, and serves as the transportation plan for the project area. The proposed project would widen Auberry Road to include a left turn lane into the Clovis Landfill. As described above, implementation of the proposed project would not result in an increase in traffic in the project area and would improve traffic conditions. The proposed project would generate some temporary trips associated with construction. The number of construction workers, truck trips per day, and the truck routes are not known at this time, but they would be temporary, limited to the construction period. These details would be disclosed in the construction traffic management plan that would be developed for the project as required by Mitigation Measure TRANS-1. The implementation of Mitigation Measure TRANS-1 would reduce construction-related traffic impacts to the maximum extent possible during the construction period. Because the project would not add permanent vehicle trips to these facilities, the project would not have a significant impact on the level of service standards and travel demand measures set forth for the project region.

- c) *Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks? (No Impact)*

The project is not located in the vicinity of any airfields or airports. The nearest airport, Fresno Yosemite International Airport, is located approximately 16 miles south of the project area. Air traffic patterns would not be affected.

- d) *Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? (No Impact)*

The proposed project would not increase hazards due to design features. The project would provide a designated left turn lane into the Clovis Landfill. The designated left turn lane would improve the safety and reduce hazardous conditions at this location by clearly delineating the through lanes and the turning lane. The proposed project would be designed according to City, County, and Caltrans standards. Therefore, the proposed project would not increase hazards in the area.

- e) *Result in inadequate emergency access? (No Impact)*

³¹ Fresno Council of Governments, 2014. *2014 Regional Transportation Plan and Sustainable Communities Strategy*. Available online at: www.fresnocog.org/sites/default/files/publications/RTP/Final_RTP/Fresno_COG_2014_RTP-SCS_Final.pdf (accessed August 2016). June 26.

Implementation of the proposed project would relieve existing roadway safety hazards and would not adversely affect emergency access. Furthermore, the proposed project would improve emergency access by providing a turn lane.

- f) *Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities? (No Impact)*

Currently the project site has one bike lane in each direction. No public transit or pedestrian facilities currently exist at the project site. Implementation of the proposed project would not change the existing use of the site, would continue to provide bike lanes in each direction. The project would not result in changes to public transit or pedestrian facilities. Therefore, the proposed project would not conflict with adopted policies, plans, or programs regarding public transit, bicycle or pedestrian facilities.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. TRIBAL CULTURAL RESOURCES.				
(a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. [In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- a) *Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: (i) Listed or eligible for listing in the California Register of Historical Resources or in a local register of historical resources as defined in Public Resources Code section 5020.1(k); or ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? (Less-Than-Significant Impact)*

Assembly Bill 52, which became law on January 1, 2015, provides for consultation with California Native American tribes during the CEQA environmental review process, and equates significant impacts to “tribal cultural resources” with significant environmental impacts. PRC Section 21074 states that “tribal cultural resources” are:

- Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe and are one of the following:
- Included or determined to be eligible for inclusion in the California Register of Historical Resources.
- Included in a local register of historical resources as defined in subdivision (k) of PRC Section 5020.1.
- A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1. In applying the criteria set forth in subdivision (c) of PRC Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

A “historical resource” (PRC Section 21084.1), a “unique archaeological resource” (PRC Section 21083.2(g)), or a “nonunique archaeological resource” (PRC Section 21083.2 (h)) may also be a tribal cultural resource if it is included or determined to be eligible for inclusion in the California Register. The consultation provisions of the law require that a public agency consult with local Native American tribes that have requested placement on that agency’s notification list for CEQA projects. Within 14 days of determining that a project application is complete, or a decision by a public agency to undertake a project, the lead agency must notify tribes of the opportunity to consult on the project, should a tribe have previously requested to be on the agency’s notification list. California Native American tribes must be recognized by the NAHC as traditionally and culturally affiliated with the project site, and must have previously requested that the lead agency notify them of projects. Tribes have 30 days following notification of a project to request consultation with the lead agency.

The purpose of consultation is to inform the lead agency in its identification and determination of the significance of tribal cultural resources. If a project is determined to result in a significant impact on an identified tribal cultural resource, the consultation process must occur and conclude prior to adoption of a Negative Declaration or Mitigated Negative Declaration, or certification of an Environmental Impact Report (PRC Sections 21080.3.1, 21080.3.2, 21082.3).

Tribal Outreach and Consultation

The Native American Heritage Commission (NAHC) in Sacramento was contacted to identify registered, Native American sacred sites in or near the project site and to obtain a list of local tribes that may be eligible to consult with the City to address the project's potential impacts to tribal cultural resources. Gayle Tottan, NAHC Associate Governmental Program Analyst, responded to LSA's request for information on August 4, 2016, stating that "a search of the SLF was completed for the USGS quadrangle information provided with negative results." The NAHC also provided a list of Native American tribes that may be eligible to consult with the City for this project, pursuant to the requirements of AB 52.

On November 29, 2016, the City sent letters via certified mail describing the project and the draft of the cultural resources study to the following Native American organizations on the NAHC Tribal Consultation List requesting any questions or concerns they might have regarding the project. The letters were sent, pursuant to Assembly Bill 52, to identify possible project impacts to tribal cultural resources. In response, the City consulted in person with Robert Pennell, Tribal Cultural Resources Director of Table Mountain Rancheria on January 10th, 2017. No other responses were received within 30 days of this request and the City has fulfilled its obligations pursuant to AB 52. Therefore, this impact would be considered less than significant. The correspondence related to tribal cultural resources is included in Appendix B.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. UTILITIES AND SERVICE SYSTEMS.				
Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. UTILITIES AND SERVICE SYSTEMS.				
Would the project:				
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Comply with federal, State, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Setting

The proposed project would widen Auberry Road to provide a left turn lane into the Clovis Landfill and would not result in additional demand on sanitary sewer collection and/or treatment facilities, storm water drainage facilities or expansion of existing facilities.

- a) *Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board? (No Impact)*

The proposed project includes the widening of an existing roadway and associated improvements. No wastewater would be generated by the proposed project. Therefore, the proposed project would not exceed any wastewater treatment requirements of the RWQCB.

- b) *Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? (No Impact)*

The proposed project would not require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities. The proposed project includes the widening of an existing roadway and associated improvements. Operation of the roadway would not require additional water supply and no wastewater would be generated. Therefore, no new water or wastewater facilities or expansion of facilities would be required.

- c) *Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? (No Impact)*

As outlined in the Project Description, construction of the project would include extension of the underground drainage pipes under Auberry Road. The proposed project is not expected to generate substantial amounts of additional stormwater beyond what occurs under existing conditions. Therefore, potential impacts related to stormwater runoff are considered less than significant.

- d) *Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed? (No Impact)*

See Section XVII.b. above. The project site consists of transportation improvements and does not include additional residential units. The proposed project would not increase the use of water services and therefore would not result in an increased demand for water supplies.

- e) *Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments? (No Impact)*

Refer to Section XVII.b. The proposed project consists of transportation improvements and would not generate wastewater; therefore, no impacts related to wastewater treatment capacity would result.

- f) *Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs? (No Impact)*

The proposed project consists of transportation and utility improvements and would not generate additional need for waste disposal services. Construction activities would generate a minimal amount of waste associated with the removal of soil pavements on the site. However, existing landfills would have sufficient capacity to receive any site grading and preparation waste. Therefore, no impacts related to solid waste disposal would result.

- g) *Comply with federal, State, and local statutes and regulations related to solid waste? (No Impact)*

Refer to Section XVII.f. Construction activities could produce additional solid waste, however, these activities would be consistent with all federal, State, and local statutes and regulations related to solid waste.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
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XVIV. MANDATORY FINDINGS OF SIGNIFICANCE.

- | | | | | |
|---|--------------------------|-------------------------------------|-------------------------------------|--------------------------|
| a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

- a) *Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory? (Potentially Significant Unless Mitigation Incorporated)*

Development of the proposed project could adversely affect protected wildlife habitats. However, implementation of Mitigation Measures BIO-1 through BIO-3 would ensure that potential impacts to burrowing owls, CTS, and nesting migratory birds would be reduced to a less-than-significant level. Implementation of Mitigation Measures CULT-1 and CULT-2 would ensure that potential impacts to cultural resources would also be reduced to a less-than-significant level. With mitigation, development of the proposed project would not: 1) degrade the quality of the environment; 2) substantially reduce the habitat of a fish or wildlife species; 3) cause a fish or wildlife species population to drop below self-sustaining levels; 4) threaten to eliminate a plant or animal community; 5) reduce the number or restrict the range of a rare or endangered plant or animal; or 6) eliminate important examples of the major periods of California history.

- b) *Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects,*

and the effects of probable future projects.) (Potentially Significant Unless Mitigation Incorporated)

The proposed project's impacts are individually limited and not cumulatively considerable. In addition, most of the project's impacts result from construction-period activities and would be temporary. The project would widen Auberry Road to accommodate a left turn lane. All environmental impacts that could occur as a result of the proposed project would be reduced to a less-than-significant level through implementation of the mitigation measures recommended in this document.

c) *Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? (Less-Than-Significant Impact)*

Because all potentially significant impacts of the proposed project are expected to be mitigated to less-than-significant levels, it is unlikely that implementation of the proposed project would cause substantial adverse effects on human beings. Therefore, implementation of the proposed project would not result in significant human health risks.

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REPORT PREPARATION

A. REPORT PREPARERS

LSA Associates, Inc.

7086 N. Maple Avenue, Suite 104
Fresno, CA 93720

Amy Fischer, Principal-in-Charge
Cara Carlucci, Planner

201 Creekside Ridge Court, Suite 250
Roseville, CA 95678

Jeff Bray, Principal/Biologist
Mike Trueblood, Senior Biologist

157 Park Place

Point Richmond, CA 94801

Laura Lafler, Technical Advisor

Andrew Pulcheon, Principal/Cultural Resources

Lora Holland, Senior Cultural Resources Manager

B. REFERENCES

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- San Joaquin Valley Air Pollution Control District, 2013. *2013 Plan for the Revoked 1-Hour Ozone Standard*. Available online at: [www.valleyair.org/Air_Quality_Plans/OzoneOneHourPlan2013/ AdoptedPlan.pdf](http://www.valleyair.org/Air_Quality_Plans/OzoneOneHourPlan2013/AdoptedPlan.pdf) (accessed August 2016). September 19.

San Joaquin Valley Air Pollution Control District, 2015. *2015 Plan for the 1997 PM_{2.5} Standard*. Available online at: www.valleyair.org/Air_Quality_Plans/docs/PM25-2015/2015-PM2.5-Plan_Bookmarked.pdf (accessed August 2016). April 16.

San Joaquin Valley Air Pollution Control District, 2016. *2016 Plan for the 2008 8-Hour Ozone Standard*. Available online at: www.valleyair.org/Air_Quality_Plans/Ozone-Plan-2016/Adopted-Plan.pdf (accessed August 2016). June 16.

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APPENDIX A

ROADMOD OUTPUT

Road Construction Emissions Model, Version 8.1.0

Daily Emission Estimates for -> Clovis Landfill Left Turn Lane														
Project Phases (Pounds)	ROG (lb/day)	CO (lb/day)	NOx (lb/day)	Total PM10 (lb/day)	Exhaust PM10 (lb/day)	Fugitive Dust PM10 (lb/day)	Total PM2.5 (lb/day)	Exhaust PM2.5 (lb/day)	Fugitive Dust PM2.5 (lb/day)	SOx (lb/day)	CO2 (lb/day)	CH4 (lb/day)	N2O (lb/day)	CO2e (lb/day)
Grubbing/Land Clearing	1.51	10.71	17.75	10.79	0.78	10.00	2.79	0.71	2.08	0.02	2,248.44	0.59	0.02	2,270.40
Grading/Excavation	8.96	62.32	99.38	15.08	5.08	10.00	6.67	4.59	2.08	0.11	11,190.74	2.86	0.13	11,301.51
Drainage/Utilities/Sub-Grade	5.25	37.42	50.58	12.96	2.96	10.00	4.84	2.78	2.08	0.06	5,836.21	1.24	0.06	5,864.02
Paving	2.39	18.53	23.06	1.55	1.55	0.00	1.40	1.40	0.00	0.03	2,937.66	0.75	0.03	2,965.95
Maximum (pounds/day)	8.96	62.32	99.38	15.08	5.08	10.00	6.67	4.59	2.08	0.11	11,190.74	2.86	0.13	11,301.51
Total (tons/construction project)	0.07	0.46	0.69	0.13	0.04	0.09	0.05	0.03	0.02	0.00	79.03	0.02	0.00	79.77
Notes: Project Start Year -> 2017														
Project Length (months) -> 1														
Total Project Area (acres) -> 2														
Maximum Area Disturbed/Day (acres) -> 1														
Water Truck Used? -> Yes														
Total Material Imported/Exported Volume (yd³/day)														
Daily VMT (miles/day)														
Phase	Soil	Asphalt	Soil Hauling	Asphalt Hauling	Worker Commute	Water Truck								
Grubbing/Land Clearing	0	0	0	0	200	40								
Grading/Excavation	192	0	300	0	800	40								
Drainage/Utilities/Sub-Grade	0	0	0	0	560	40								
Paving	0	0	0	0	400	40								
PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.														
Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns G and H. Total PM2.5 emissions shown in Column I are the sum of exhaust and fugitive dust emissions shown in columns J and K.														
CO2e emissions are estimated by multiplying mass emissions for each GHG by its global warming potential (GWP), 1, 25 and 298 for CO2, CH4 and N2O, respectively. Total CO2e is then estimated by summing CO2e estimates over all GHGs.														
Total Emission Estimates by Phase for -> Clovis Landfill Left Turn Lane														
Project Phases (Tons for all except CO2e, Metric tonnes for CO2e)	ROG (tons/phase)	CO (tons/phase)	NOx (tons/phase)	Total PM10 (tons/phase)	Exhaust PM10 (tons/phase)	Fugitive Dust PM10 (tons/phase)	Total PM2.5 (tons/phase)	Exhaust PM2.5 (tons/phase)	Fugitive Dust PM2.5 (tons/phase)	SOx (tons/phase)	CO2 (tons/phase)	CH4 (tons/phase)	N2O (tons/phase)	CO2e (MT/phase)
Grubbing/Land Clearing	0.00	0.01	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	2.47	0.00	0.00	2.27
Grading/Excavation	0.04	0.27	0.44	0.07	0.02	0.04	0.03	0.02	0.01	0.00	49.24	0.01	0.00	45.11
Drainage/Utilities/Sub-Grade	0.02	0.14	0.19	0.05	0.01	0.04	0.02	0.01	0.01	0.00	22.47	0.00	0.00	20.55
Paving	0.00	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.85	0.00	0.00	4.44
Maximum (tons/phase)	0.04	0.27	0.44	0.07	0.02	0.04	0.03	0.02	0.01	0.00	49.24	0.01	0.00	45.11
Total (tons/construction project)	0.07	0.46	0.69	0.13	0.04	0.09	0.05	0.03	0.02	0.00	79.03	0.02	0.00	72.37
PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.														
Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns G and H. Total PM2.5 emissions shown in Column I are the sum of exhaust and fugitive dust emissions shown in columns J and K.														
CO2e emissions are estimated by multiplying mass emissions for each GHG by its global warming potential (GWP), 1, 25 and 298 for CO2, CH4 and N2O, respectively. Total CO2e is then estimated by summing CO2e estimates over all GHGs.														
The CO2e emissions are reported as metric tons per phase.														

APPENDIX B

TRIBAL OUTREACH CORRESPONDENCE

NATIVE AMERICAN HERITAGE COMMISSION

1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
(916) 373-3710
(916) 373-5471 FAX



August 4, 2016

Lora Holland
LSA

Sent by E-mail: lora.holland@lsa.net

RE: Proposed Clovis Landfill Left Turn Lane Project, City of Clovis; Friant USGS Quadrangle, Fresno County, California

Dear Ms. Holland:

Attached is a contact list of tribes with traditional lands or cultural places located within the boundaries of the above referenced counties. A search of the SFL was completed for the USGS quadrangle information provided with negative results.

Our records indicate that the lead agency for this project has not requested a Native American Consultation List for the purposes of formal consultation. Lists for cultural resource assessments are different than consultation lists. Please note that the intent of the referenced codes below is to avoid or mitigate impacts to tribal cultural resources, as defined, for California Environmental Quality Act (CEQA) projects under AB-52.

As of July 1, 2015, Public Resources Code Sections 21080.3.1 and 21080.3.2 **require public agencies** to consult with California Native American tribes identified by the Native American Heritage Commission (NAHC) for the purpose mitigating impacts to tribal cultural resources:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section. (Public Resources Code Section 21080.3.1(d))

The law does not preclude agencies from initiating consultation with the tribes that are culturally and traditionally affiliated with their jurisdictions. The NAHC believes that in fact that this is the best practice to ensure that tribes are consulted commensurate with the intent of the law.

In accordance with Public Resources Code Section 21080.3.1(d), formal notification must include a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation. The NAHC believes that agencies should also include with their notification letters information regarding any cultural resources assessment that has been completed on the APE, such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:
 - A listing of any and all known cultural resources have already been recorded on or adjacent to the APE;
 - Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
 - If the probability is low, moderate, or high that cultural resources are located in the APE.

- Whether the records search indicates a low, moderate or high probability that unrecorded cultural resources are located in the potential APE; and
 - If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.
2. The results of any archaeological inventory survey that was conducted, including:
 - Any report that may contain site forms, site significance, and suggested mitigation measures.
 - All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code Section 6254.10.
 3. The results of any Sacred Lands File (SFL) check conducted through Native American Heritage Commission.
 4. Any ethnographic studies conducted for any area including all or part of the potential APE; and
 5. Any geotechnical reports regarding all or part of the potential APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS is not exhaustive, and a negative response to these searches does not preclude the existence of a cultural place. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the case that they do, having the information beforehand will help to facilitate the consultation process.

The results of these searches and surveys should be included in the "Tribal Cultural Resources" subsection of the Cultural Resources section of the environmental document submitted for review.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance we are able to assure that our consultation list contains current information.

If you have any questions, please contact me at my email address: gayle.totton@nahc.ca.gov.

Sincerely,



Gayle Totton, M.A., PhD.
Associate Governmental Program Analyst

**Native American Heritage Commission
Native American Contact List
Fresno County
8/4/2016**

***Kitanemuk & Yowlumne Tejon
Indians***

Delia Dominguez, Chairperson
115 Radio Street
Bakersfield, CA, 93305
Phone: (626)339-6785
deedominguez@juno.com

Kitanemuk
Southern Valley
Yokut

Tule River Indian Tribe

Joey Garfield, Tribal Archaeologist
P. O. Box 589
Porterville, CA, 93258
Phone: (559) 783 - 8892
Fax: (559) 783-8932

Yokut

North Valley Yokuts Tribe

Katherine Erolinda Perez,
Chairperson
P.O. Box 717
Linden, CA, 95236
Phone: (209)887-3415
canutes@verizon.net

Costanoan
Northern Valley
Yokut

Tule River Indian Tribe

Neil Peyron, Chairperson
P.O. Box 589
Porterville, CA, 93258
Phone: (559)781-4271
Fax: (559)781-4610
chairman@tulerivertribe-nsn.gov

Yokut

***Santa Rosa Rancheria Tachi
Yokut Tribe***

Rueben Barrios, Chairperson
P.O. Box 8
Lemoore, CA, 93245
Phone: (559)924-1278
Fax: (559)924-3583

Southern Valley
Yokut

Southern Sierra Miwuk Nation

Lois Martin, Chairperson
P.O. Box 186
Mariposa, CA, 95338
Phone: (209)742-6867

Miwok
Northern Valley
Yokut
Paiute

Table Mountain Rancheria

Leanne Walker-Grant,
Chairperson
P.O. Box 410
Friant, CA, 93626
Phone: (559)822-2587
Fax: (559)822-2693

Yokut

Tule River Indian Tribe

Kerri Vera,
P. O. Box 589
Porterville, CA, 93258
Phone: (559) 783 - 8892
Fax: (559) 783-8932

Yokut

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Clovis Landfill Left Turn Lane, Fresno County.

NATIVE AMERICAN HERITAGE COMMISSION

1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
(916) 373-3710
(916) 373-5471 FAX



November 28, 2016

Ryan Burnett
City of Clovis

Sent by E-mail: ryanb@cityofclovis.com

RE: Proposed Landfill Left Turn Lane Project, City of Clovis; Friant USGS Quadrangle, Fresno County, California

Dear Mr. Burnett:

Attached is a consultation list of tribes with traditional lands or cultural places located within the boundaries of the above referenced counties. Please note that the intent of the reference codes below is to avoid or mitigate impacts to tribal cultural resources, as defined, for California Environmental Quality Act (CEQA) projects under AB-52.

As of July 1, 2015, Public Resources Code Sections 21080.3.1 and 21080.3.2 **require public agencies** to consult with California Native American tribes identified by the Native American Heritage Commission (NAHC) for the purpose mitigating impacts to tribal cultural resources:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section. (Public Resources Code Section 21080.3.1(d))

The law does not preclude agencies from initiating consultation with the tribes that are culturally and traditionally affiliated with their jurisdictions. The NAHC believes that in fact that this is the best practice to ensure that tribes are consulted commensurate with the intent of the law.

In accordance with Public Resources Code Section 21080.3.1(d), formal notification must include a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation. The NAHC believes that agencies should also include with their notification letters information regarding any cultural resources assessment that has been completed on the APE, such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:
 - A listing of any and all known cultural resources have already been recorded on or adjacent to the APE;
 - Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
 - If the probability is low, moderate, or high that cultural resources are located in the APE.
 - Whether the records search indicates a low, moderate or high probability that unrecorded cultural resources are located in the potential APE; and
 - If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.
2. The results of any archaeological inventory survey that was conducted, including:

- Any report that may contain site forms, site significance, and suggested mitigation measures.

All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code Section 6254.10.

3. The results of any Sacred Lands File (SFL) check conducted through Native American Heritage Commission. A search of the SFL was completed for the project with negative results.
4. Any ethnographic studies conducted for any area including all or part of the potential APE; and
5. Any geotechnical reports regarding all or part of the potential APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS is not exhaustive, and a negative response to these searches does not preclude the existence of a cultural place. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the case that they do, having the information beforehand will help to facilitate the consultation process.

The results of these searches and surveys should be included in the "Tribal Cultural Resources" section or in a separate subsection of the Cultural Resources section of the environmental document submitted for review. Please reference California Natural Resources Agency (2016) "Final Text for tribal cultural resources update to Appendix G: Environmental Checklist Form," <http://resources.ca.gov/ceqa/docs/ab52/Clean-final-AB-52-App-G-text-Submitted.pdf>.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance we are able to assure that our consultation list contains current information.

If you have any questions, please contact me at my email address: gayle.totton@nahc.ca.gov.

Sincerely,



Gayle Totton, M.A., PhD.
Associate Governmental Program Analyst

**Native American Heritage Commission
Tribal Consultation List
Fresno County
11/28/2016**

***Kitanemuk & Yowlumne Tejon
Indians***

Delia Dominguez, Chairperson
115 Radio Street
Bakersfield, CA, 93305
Phone: (626)339-6785
deedominguez@juno.com

Kitanemuk
Southern Valley
Yokut

North Valley Yokuts Tribe

Katherine Erolinda Perez,
Chairperson
P.O. Box 717
Linden, CA, 95236
Phone: (209)887-3415
canutes@verizon.net

Costanoan
Northern Valley
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***Santa Rosa Rancheria Tachi
Yokut Tribe***

Rueben Barrios, Chairperson
P.O. Box 8
Lemoore, CA, 93245
Phone: (559)924-1278
Fax: (559) 924-3583

Southern Valley
Yokut

Southern Sierra Miwuk Nation

Lois Martin, Chairperson
P.O. Box 186
Mariposa, CA, 95338
Phone: (209)742-6867

Miwok
Northern Valley
Yokut
Paiute

Table Mountain Rancheria

Leanne Walker-Grant,
Chairperson
P.O. Box 410
Friant, CA, 93626
Phone: (559)822-2587
Fax: (559) 822-2693

Yokut

Tule River Indian Tribe

Neil Peyron, Chairperson
P.O. Box 589
Porterville, CA, 93258
Phone: (559) 781-4271
Fax: (559) 781-4610
neil.peyron@tulerivertribe-nsn.gov

Yokut

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 6097.98 of the Public Resources Code and section 5097.98 of the Public Resources Code.

This list is only applicable for consultation with Native American tribes under Public Resources Code Sections 21080.3.1 for the proposed Landfill Left Turn Lane Project, Fresno County.



CITY *of* CLOVIS

1033 FIFTH STREET • CLOVIS, CA 93612

November 29, 2016

Rueben Barrios
Chairperson
Santa Rosa Rancheria Tachi Yokut Tribe
P.O. Box 8
Lemoore, CA, 93245

Re: Invitation to Consult under Public Resources Code (PRC) 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52) for the Landfill Left Turn Lane Project, City of Clovis, Fresno County, California.

Dear Representative,

The City of Clovis is conducting Native American consultation for the Landfill Left Turn Lane Project. Please consider this letter and preliminary Project information as the initiation of consultation pursuant to the California Environmental Quality Act (CEQA), specifically, Public Resources Code 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52). Please respond within 30 days, pursuant to PRC 21080.3.1(d), if you would like to consult on this Project.

The City proposes to widen Auberry Road to provide room for a new left turn lane at the City of Clovis Landfill entrance. The project is located in Fresno County, at Auberry Road, north of the intersection at E. Copper Avenue and Auberry Road. Ultimately this project will improve the safety at this location by clearly delineating the through lanes and the turning lane. The existing road has two travel lanes with two bike lanes. To widen the road the project will acquire necessary right-of-way to accommodate the new northbound travel lane. Construction will include: earthwork and grading, compaction, saw cutting; placing aggregate base, asphalt concrete paving and construction asphalt concrete dikes; extending existing drainage pipe; adjustments, relocations and/or modifications of existing drainage facilities, and miscellaneous underground utilities; relocation/modifications of barb wire fencing, removal and application of new traffic striping and markings.

Attached is the Project Cultural Resources Study Report for your study.

Your comments and concerns are important. If you have any questions or concerns with the Project, please contact me at (559) 324-2336 or by email at ryanb@cityofclovis.com.

Sincerely,


Ryan Burnett
Management Analyst



CITY *of* CLOVIS

1033 FIFTH STREET • CLOVIS, CA 93612

November 29, 2016

Neil Peyron
Chairperson
Tule River Indian Tribe
P.O. Box 589
Porterville, CA, 93258

Re: Invitation to Consult under Public Resources Code (PRC) 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52) for the Landfill Left Turn Lane Project, City of Clovis, Fresno County, California.

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Sincerely,

Ryan Burnett
Management Analyst



CITY *of* CLOVIS

1033 FIFTH STREET • CLOVIS, CA 93612

November 29, 2016

Delia Dominguez
Chairperson
Kitanemuk & Yowlumne Tejon Indians
115 Radio Street
Bakersfield, CA, 93305

Re: Invitation to Consult under Public Resources Code (PRC) 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52) for the Landfill Left Turn Lane Project, City of Clovis, Fresno County, California.

Dear Representative,

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Sincerely,

Ryan Burnett
Management Analyst



CITY *of* CLOVIS

1033 FIFTH STREET • CLOVIS, CA 93612

November 29, 2016

Lois Martin
Chairperson
Southern Sierra Miwuk Nation
P.O. Box 186
Mariposa, CA, 95338

Re: Invitation to Consult under Public Resources Code (PRC) 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52) for the Landfill Left Turn Lane Project, City of Clovis, Fresno County, California.

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Ryan Burnett
Management Analyst



CITY of CLOVIS

1033 FIFTH STREET • CLOVIS, CA 93612

November 29, 2016

Leanne Walker-Grant
Chairperson
Table Mountain Rancheria
P.O. Box 410
Friant, CA, 93626

Re: Invitation to Consult under Public Resources Code (PRC) 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52) for the Landfill Left Turn Lane Project, City of Clovis, Fresno County, California.

Dear Representative,


The City of Clovis is conducting Native American consultation for the Landfill Left Turn Lane Project. Please consider this letter and preliminary Project information as the initiation of consultation pursuant to the California Environmental Quality Act (CEQA), specifically, Public Resources Code 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52). Please respond within 30 days, pursuant to PRC 21080.3.1(d), if you would like to consult on this Project.

The City proposes to widen Auberry Road to provide room for a new left turn lane at the City of Clovis Landfill entrance. The project is located in Fresno County, at Auberry Road, north of the intersection at E. Copper Avenue and Auberry Road. Ultimately this project will improve the safety at this location by clearly delineating the through lanes and the turning lane. The existing road has two travel lanes with two bike lanes. To widen the road the project will acquire necessary right-of-way to accommodate the new northbound travel lane. Construction will include: earthwork and grading, compaction, saw cutting; placing aggregate base, asphalt concrete paving and construction asphalt concrete dikes; extending existing drainage pipe; adjustments, relocations and/or modifications of existing drainage facilities, and miscellaneous underground utilities; relocation/modifications of barb wire fencing, removal and application of new traffic striping and markings.

Attached is the Project Cultural Resources Study Report for your study.

Your comments and concerns are important. If you have any questions or concerns with the Project, please contact me at (559) 324-2336 or by email at ryanb@cityofclovis.com.

Sincerely,


Ryan Burnett
Management Analyst



CITY of CLOVIS

1033 FIFTH STREET • CLOVIS, CA 93612

November 29, 2016

Katherine Erolinda Perez
Chairperson
North Valley Yokuts Tribe
P.O. Box 717
Linden, CA, 95236

Re: Invitation to Consult under Public Resources Code (PRC) 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52) for the Landfill Left Turn Lane Project, City of Clovis, Fresno County, California.

Dear Representative,

The City of Clovis is conducting Native American consultation for the Landfill Left Turn Lane Project. Please consider this letter and preliminary Project information as the initiation of consultation pursuant to the California Environmental Quality Act (CEQA), specifically, Public Resources Code 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52). Please respond within 30 days, pursuant to PRC 21080.3.1(d), if you would like to consult on this Project.

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Attached is the Project Cultural Resources Study Report for your study.

Your comments and concerns are important. If you have any questions or concerns with the Project, please contact me at (559) 324-2336 or by email at ryanb@cityofclovis.com.

Sincerely,


Ryan Burnett
Management Analyst



TABLE MOUNTAIN RANCHERIA

TRIBAL GOVERNMENT OFFICE

CERTIFIED 7522 5656

December 19, 2016

Leanne Walker-Grant
Tribal Chairperson

Beverly J. Hunter
Tribal Vice-Chairperson

Craig Martinez
Tribal Secretary/Treasurer

Matthew W. Jones
Tribal Council Member

Richard L. Jones
Tribal Council Member

Ryan Burnett
City of Clovis
Management Analyst
1033 Fifth Street
Clovis, Ca. 93612

RE: Landfill left Turn Lane Project, City of Clovis, Fresno County, Ca.

Dear Ryan Burnett:

Table Mountain Rancheria is responding to your letter dated November 29, 2016, regarding, Landfill left Turn Lane Project, City of Clovis, Fresno County, Ca. Thank you for notifying Table Mountain Rancheria of the potential development and request for consultation. The Rancheria is very interested in this project as it lies within our cultural area of interest.

At this time, please contact our office at (559) 325-0351 or rpennell@tmr.org to discuss a site visit and potential site monitoring during ground disturbance regarding your project.

Sincerely,

Robert Pennell
Tribal Cultural Resources Director

23736
Sky Harbour Road
Post Office
Box 410
Friant
California
93626
(559) 822-2587
Fax
(559) 822-2693



BERKELEY
CARLSBAD
FRESNO
IRVINE
LOS ANGELES
PALM SPRINGS
POINT RICHMOND
RIVERSIDE
ROSEVILLE
SAN LUIS OBISPO

February 2, 2018

Ryan Burnett
City of Clovis
Engineering Division
1033 Fifth Street
Clovis, CA 93612

Subject: Clovis Landfill Left Turn Lane Project Initial Study/Mitigated Negative Declaration
Response to Comments

In accordance with Section 15074 of the CEQA Guidelines, prior to approving a project, the decision-making body of the lead agency shall consider the proposed environmental document together with any comments received during the public review process. Although there is no legal requirement to formally respond to comments on a proposed Mitigated Negative Declaration (MND) as there is for an Environmental Impact Report (EIR), this memorandum provides responses to the written comments received on the proposed Clovis Landfill Left Turn Lane Project (project) Initial Study/Mitigated Negative Declaration (IS/MND) to aid the City of Clovis decision-makers in their review of the project.

The Draft IS/MND was available for public review and comment from December 27, 2017, to January 26, 2018. A total of five comment letters were received on the IS/MND. In the following pages, the comments and responses are enumerated to allow for cross-referencing of CEQA-related comments. The enumerated comment letters are included in this memorandum, each preceding their respective responses. As noted above, CEQA does not require or provide guidance on responding to comments on MNDs; therefore, this memorandum follows CEQA Guidelines Section 15088, applicable to responses to comments on EIRs, which requires that agencies respond only to significant environmental issues raised in connection with the project. Therefore, this document focuses primarily on responding to comments that relate to the adequacy of the information and environmental analysis provided in the IS/MND.

COMMENTS AND RESPONSES

This memorandum includes a reproduction of each comment letter received on the IS/MND. Each comment letter is assigned a letter (A, B, C, D, E) and individual comments within each are numbered consecutively. For instance, Comment A-1 is the first numbered comment in Letter A.

The following comment letters on the IS/MND were submitted to the City:

LETTER A
Central Valley Regional Water Quality Control Board
Debra Mahnke, Water Resource Control Engineer
January 2, 2018

LETTER B

Caltrans, District 6
Jamaica Gentry, Transportation Planner
January 3, 2018

LETTER C

San Joaquin Valley Air Pollution Control District
Arnaud Marjollet, Director of Permit Services and Brian Clements, Program Manager
January 11, 2018

LETTER D

Caltrans, District 6
David Padilla, Associate Transportation Planner
January 12, 2018

LETTER E

California Department of Fish and Wildlife (CDFW)
Julie A. Vance, Regional Manager
January 22, 2018

Written responses to all written comments on the IS/MND are provided in this section. Letters received on the IS/MND are provided in their entirety.

Please note that text within individual letters that has not been numbered does not raise environmental issues or relate to the adequacy of the information or analysis within the IS/MND and, therefore, no comment is enumerated or response required, per CEQA Guidelines Section 15132.

From: [Mahnke, Debra@Waterboards](mailto:Mahnke,Debra@Waterboards)
To: [Ryan Burnett](#)
Subject: SCH 2016121007- Clovis Landfill Left Turn Lane Project
Date: Tuesday, January 02, 2018 8:28:23 AM

Ryan,

The Initial Study/Proposed Mitigated Negative Declaration for the above referenced project indicates the City of Clovis will be obtaining permits for impact to the ephemeral drainage from our agency and will be implementing a Storm Water Pollution Prevention Plan (SWPPP) as required under the National Pollutant Discharge Elimination System (NPDES) to regulate water quality associated with construction activities. As coverage under these permits are included as mitigation measures, we have no comments on the environmental document at this time.

1

Debra Mahnke

Water Resource Control Engineer, CPESC, QSD/P

Central Valley Regional Water Quality Control Board (559) 445-6281 FAX (559) 445-5910

Email: debra.mahnke@waterboards.ca.gov

Doc1



LETTER A

Central Valley Regional Water Quality Control Board
Debra Mahnke, Water Resource Control Engineer
January 2, 2018

Response A-1: The Central Valley Regional Water Quality Control Board (CVRWQCB) comment letter identifies that the City of Clovis will be obtaining permits for impact to the ephemeral drainage and will be implementing a Storm Water Pollution Prevention Plan (SWPPP) as required under the National Pollutant Discharge Elimination System (NPDES) to regulate water quality associated with construction activities. As identified in the CVRWQCB comment letter, coverage under these permits are included as mitigation measures, therefore there were no comments on the environmental document at this time. The City has noted the CVRWQCB's comment letter.

From: Gentry, Jamaica@DOT
To: [Ryan Burnett](#)
Subject: Caltrans Comments for the Clovis Landfill Left Turn Lane Project
Date: Wednesday, January 03, 2018 3:16:40 PM

Good Afternoon, Ryan

Caltrans has no comment on the above referenced project.

1

Thank you,
Jamaica Gentry
Transportation Planner
CalTrans - District 6
P: (559) 488-7307

LETTER B

Caltrans, District 6
Jamaica Gentry, Transportation Planner
January 3, 2018

Response B-1: This comment states that Caltrans has no comment on the proposed project. The City has noted Caltrans' comment letter.



January 11, 2018

Ryan Burnett, Management Analyst
City of Clovis
Planning and Development
1033 Fifth Street
Clovis, CA 93612

Project: Clovis Landfill Left Turn Lane Project Initial Study/Mitigated Negative Declaration

District CEQA Reference No: 20171407

Dear Mr. Burnett:

The San Joaquin Valley Unified Air Pollution Control District (District) has reviewed the project referenced above consisting of widening approximately 1,600 linear feet along Auberry Road to include a left turn lane at the Clovis Landfill entrance (Project), located at 15679 Auberry Road, in Clovis, CA. The District offers the following comments:

1. Based on information provided to the District, Project specific annual emissions of criteria pollutants are not expected to exceed any of the following District significance thresholds: 100 tons per year of carbon monoxide (CO), 10 tons per year of oxides of nitrogen (NOx), 10 tons per year of reactive organic gases (ROG), 27 tons per year of oxides of sulfur (SOx), 15 tons per year of particulate matter of 10 microns or less in size (PM10), or 15 tons per year of particulate matter of 2.5 microns or less in size (PM2.5). Therefore, the District concludes that the Project would have a less than significant impact on air quality when compared to the above-listed annual criteria pollutant emissions significance thresholds.
2. Per section 2.2 of District Rule 9510 (Indirect Source Review), the rule applies to any transportation or transit project where construction exhaust emissions equal or exceed two tons of NOx or two tons of PM10. The District has reviewed the information provided in your application and determined construction emissions will be less than 2 tons NOx and 2 tons PM10.

Therefore, District Rule 9510 requirements and related fees do not apply to the Project referenced above. Please be aware that changes to the Project, i.e., change in land use type or increase in use intensity may exceed an applicability threshold, resulting in the Project being subject to District Rule 9510.

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95366-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

www.valleyair.org

www.healthyliving.com

District CEQA Reference No. 20171407

Also, enclosed is a document with answers to frequently asked questions regarding Indirect Source Review (ISR). This may be used as a reference to better understand ISR and how the District processes applications. Should the Project become subject to Rule 9510, an Air Impact Assessment (AIA) application must be submitted to the District, consistent with Section 5.0 of District Rule 9510. The AIA application can be downloaded from the District's website at <http://www.valleyair.org/ISR/ISRFormsAndApplications.htm>.

2
cont.


3. The proposed Project may be subject to District Rules and Regulations, including: Regulation VIII (Fugitive PM10 Prohibitions), Rule 4102 (Nuisance), Rule 4601 (Architectural Coatings), and Rule 4641 (Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations). In the event an existing building will be renovated, partially demolished or removed, the Project may be subject to District Rule 4002 (National Emission Standards for Hazardous Air Pollutants). The above list of rules is neither exhaustive nor exclusive. To identify other District rules or regulations that apply to this Project or to obtain information about District permit requirements, the applicant is strongly encouraged to contact the District's Small Business Assistance Office at (559) 230-5888. Current District rules can be found online at: www.valleyair.org/rules/1ruleslist.htm.
4. The District recommends that a copy of the District's comments be provided to the Project proponent.

3

If you have any questions or require further information, please call Stephanie Pellegrini, at (559) 230-5820.

Sincerely,

Arnaud Marjollet
Director of Permit Services



Brian Clements
Program Manager

AM: sp

Enclosures: FAQ ISR Transportation/Transit

LETTER C

San Joaquin Valley Air Pollution Control District
Arnaud Marjollet, Director of Permit Services and Brian Clements, Program Manager
January 11, 2018

- Response C-1: This comment states that project specific annual emissions of criteria pollutants are not expected to exceed any San Joaquin Valley Air Pollution Control District (SJVAPCD) significance thresholds. Therefore the SJVAPCD concludes that the project would have a less than significant impact on air quality. The City has noted this comment.
- Response C-2: This comment states that SJVAPCD Rule 9510 (Indirect Source Review) requirements and related fees do not apply to the project. The City has noted this comment.
- Response C-3: This comment identifies current SJVAPCD rules and regulations. The City has noted this comment.

From: [Padilla, Dave@DOT](mailto:Padilla_Dave@DOT)
To: [Ryan Burnett](mailto:Ryan_Burnett)
Cc: [Navarro, Michael@DOT](mailto:Navarro_Michael@DOT); [state.clearinghouse \(state.clearinghouse@opr.ca.gov\)](mailto:state.clearinghouse@opr.ca.gov)
Subject: IS/MND Clovis Landfill Left-Turn Lane Project (SCH 2016121007)
Date: Friday, January 12, 2018 3:48:45 PM

Hello Ryan,

It is not anticipated that a closure of Auberry Road will take place as result of the project, therefore we have no concerns.

1

Thank you

David Padilla, Associate Transportation Planner
Office of Planning & Local Assistance
1352 W. Olive Avenue
Fresno, CA 93778-2616
Office: (559) 444-2493, Fax: (559) 445-5875



District 6

LETTER D

Caltrans, District 6
David Padilla, Associate Transportation Planner
January 12, 2018

Response D-1: This comment indicates that the project would not require closure of Auberry Road and therefore Caltrans does not have concerns. The City has noted this comment letter.

Letter
E



State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Central Region
1234 East Shaw Avenue
Fresno, California 93710
www.wildlife.ca.gov

EDMUND G. BROWN JR., Governor
CHARLTON H. BONHAM, Director



January 22, 2018

Ryan Burnett, Management Analyst
City of Clovis
1033 Fifth Street
Clovis, California 93612

**Subject: Clovis Landfill Left Turn Lane (PROJECT)
MITIGATED NEGATIVE DECLARATION (MND)
SCH No. 2016121007**

Dear Mr. Burnett:

The California Department of Fish and Wildlife (CDFW) received an MND from the City of Clovis for the Project pursuant the California Environmental Quality Act (CEQA) and CEQA Guidelines.¹

Thank you for the opportunity to provide comments and recommendations regarding those activities involved in the Project that may affect California fish and wildlife. Likewise, we appreciate the opportunity to provide comments regarding those aspects of the Project that CDFW, by law, may be required to carry out or approve through the exercise of its own regulatory authority under the Fish and Game Code.

CDFW ROLE

CDFW is California's **Trustee Agency** for fish and wildlife resources, and holds those resources in trust by statute for all the people of the State. (Fish & Game Code, §§ 711.7, subd. (a) & 1802; Pub. Resources Code, § 21070; CEQA Guidelines § 15386, subd. (a).) CDFW, in its trustee capacity, has jurisdiction over the conservation, protection, and management of fish, wildlife, native plants, and habitat necessary for biologically sustainable populations of those species. (*Id.*, § 1802.) Similarly, for purposes of CEQA, CDFW is charged by law to provide, as available, biological expertise during public agency environmental review efforts, focusing specifically on projects and related activities that have the potential to adversely affect fish and wildlife resources.

CDFW is also submitting comments as a **Responsible Agency** under CEQA. (Pub. Resources Code, § 21069; CEQA Guidelines, § 15381.) CDFW expects that it may need to exercise regulatory authority as provided by the Fish and Game Code. As

¹ CEQA is codified in the California Public Resources Code in section 21000 et seq. The "CEQA Guidelines" are found in Title 14 of the California Code of Regulations, commencing with section 15000.

Ryan Burnett, Management Analyst
City of Clovis
January 22, 2018
Page 2

proposed, for example, the Project may be subject to CDFW's lake and streambed alteration regulatory authority. (Fish & Game Code, § 1600 et seq.) Likewise, to the extent implementation of the Project as proposed may result in "take" as defined by State law of any species protected under the California Endangered Species Act (CESA) (Fish & Game Code, § 2050 et seq.), related authorization as provided by the Fish and Game Code will be required.

Water Pollution: Pursuant to Fish and Game Code § 5650, it is unlawful to deposit in, permit to pass into, or place where it can pass into "Waters of the State" any substance or material deleterious to fish, plant life, or bird life, including non-native species. It is possible that without mitigation measures, this Project could result in pollution of Waters of the State from storm water runoff or construction-related erosion. Potential impacts to the wildlife resources that utilize watercourses in the Project area include the following: increased sediment input from road or structure runoff; toxic runoff associated with Project-related activities and implementation; and/or impairment of wildlife movement along riparian corridors. The Regional Water Quality Control Board and United States Army Corps of Engineers also have jurisdiction regarding discharge and pollution to Waters of the State.

PROJECT DESCRIPTION SUMMARY

Proponent: City of Clovis

Objective: The City of Clovis proposes to widen Auberry Road to include a left turn lane at the entrance to the Clovis Landfill. Construction of the Project would also include extension of the underground drainage pipes beneath Auberry Road to accommodate the widening, with the exception of the westernmost pipe.

The proposed Project would consist of approximately 1,600 linear feet along Auberry Road. Auberry Road currently has one 12-foot travel lane and one 4-foot bike lane in each direction, for a total road width of 32 feet. The proposed Project would widen the roadway by 12 feet and would require a 4.157 square foot acquisition of right-of-way across Assessor's Parcel Number (APN) 300-080-80 and a 6.737 square foot acquisition of right-of-way across APN 300-080-83ST to accommodate the new left turn lane. Grading of the slope on the south side of Auberry Road would be required. The final roadway alignment would avoid disturbance to areas north of Auberry Road.

Construction activities include earthwork, grading, compaction, saw cutting; placing aggregate base, asphalt concrete paving, and constructing asphalt concrete dikes, extending existing drainage pipe; adjusting, relocating, and/or modifying existing drainage facilities, and miscellaneous underground utilities; relocating/modifying barb wire fencing; and removing and applying new traffic striping and markings. Excavation

Ryan Burnett, Management Analyst
City of Clovis
January 22, 2018
Page 3

depths will vary between 2.5 feet to 10 feet. The Project will require excavation and off-haul of approximately 2,500 cubic yards of material.

Location: The Project will take place along a 1,600 linear foot section of Auberry Road; 36° 56' 19.97" N, 119° 41' 31.00" W. The Project will also involve acquisition of a 4.157 square foot right-of-way across APN 300-080-80 and a 6.737 square foot right-of-way across APN 300-080-80.

Timeframe: Construction of the proposed Project is anticipated to begin in summer 2019 and is expected to occur for approximately 30 days.

COMMENTS AND RECOMMENDATIONS

CDFW offers the comments and recommendations below to assist the City of Clovis in adequately identifying and/or mitigating the Project's significant, or potentially significant, direct and indirect impacts on fish and wildlife (biological) resources. Editorial comments are also included to improve the document.

On January 26, 2017, CDFW submitted a comment letter regarding the Initial Study/Mitigated Negative Declaration (IS/MND), dated December 2016, prepared for the Project. In it, CDFW voiced concern regarding potential for the Project to result in significant impacts to biological resources on and near the Project site. Specifically CDFW was concerned regarding potential impacts to burrowing owl (*Athene cunicularia*), California tiger salamander (*Ambystoma californiense*), western spadefoot (*Spea hammondi*), and special-status plant species. In addition, CDFW indicated that proposed mitigation measures included in the IS/MND themselves may represent take, as defined in Fish and Game Code § 86.

After review of the MND prepared for the Project, dated December 2017, CDFW continues to have similar concerns regarding potential impacts of the Project and the mitigation measures described in the MND. Specifically, CDFW is concerned that, as currently drafted, mitigation measures may not be adequate to reduce impacts to a level that is less than significant and, in the absence of take authorization pursuant Fish and Game Code § 2081(b), will themselves result in take. Specifically, CDFW is concerned regarding adequacy of mitigation measures for the State species of special concern burrowing owl (*Athene cunicularia*) and the State and federally threatened California tiger salamander (*Ambystoma californiense*). In addition, notification pursuant Fish and Game Code § 1600 is warranted to minimize impacts to the on-site ephemeral drainage.

Ryan Burnett, Management Analyst
City of Clovis
January 22, 2018
Page 4

I. Mitigation Measure and Related Impact Shortcoming

Would the Project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by CDFW or the United States Fish and Wildlife Service (USFWS)?

COMMENT 1: Burrowing Owl (BUOW)

Section IV – Biological Resources, Burrowing Owl, Mitigation Measure BIO-1, Pages 20 through 23

Issue: The MND describes the Project's impact area as containing suitable habitat for BUOW. Mitigation Measure BIO-1 describes pre-construction surveys for BUOW. However, the measure does not describe the survey methodology that will be used during these surveys. In addition, as currently drafted the measure includes only a single day of surveys, which may not be sufficient in adequately assessing BUOW presence.

Specific impact: Without appropriate avoidance and minimization measures for BUOW, potential significant impacts include nest abandonment, which may result in reduced nesting success such as reduced health or vigor of eggs or young, in addition to direct mortality in violation of the Migratory Bird Treaty Act and Fish and Game Code.

Evidence impact is potentially significant: The Project area is within the range of BUOW and the MND prepared for the Project indicates that suitable burrow habitat is present within the Project's impact area. BUOW rely on burrow habitat year round for their survival and reproduction. In addition, activities including grading, earth moving, burrow blockage, heavy equipment compacting of burrows, and disturbance which may result in harassment of owls at occupied burrows have the potential to result in take of BUOW (CDFG 2012). These activities are involved in, or have the potential to result from, the Project. Therefore, the Project has the potential to significantly impact local BUOW populations.

Recommended Potentially Feasible Mitigation Measure(s)

To ensure that Project-related impacts to BUOW are reduced to a level that is less than significant, CDFW recommends including the following measures in the CEQA document and as conditions of approval for the Project.

BUOW Surveys

CDFW recommends assessing presence/absence of BUOW by having a qualified biologist conduct surveys following the California Burrowing Owl Consortium's

Ryan Burnett, Management Analyst
City of Clovis
January 22, 2018
Page 5

"Burrowing Owl Survey Protocol and Mitigation Guidelines" (CBOC 1993) and CDFW's Staff Report on Burrowing Owl Mitigation" (CDFG 2012). Specifically, CBOC and CDFW's Staff Report suggest three or more surveillance surveys conducted during daylight with each visit occurring at least three weeks apart during the peak breeding season (April 15 to July 15), when BUOW are most detectable.

BUOW Avoidance

CDFW recommends implementing no-disturbance buffers, as outlined in the "Staff Report on Burrowing Owl Mitigation" (CDFG 2012), prior to and during any ground-disturbing activities associated with Project implementation. Specifically, CDFW's Staff Report recommends that impacts to occupied burrows be avoided in accordance with the following table unless a qualified biologist approved by CDFW verifies through non-invasive methods that either: 1) the birds have not begun egg laying and incubation; or 2) that juveniles from the occupied burrows are foraging independently and are capable of independent survival.

Location	Time of Year	Level of Disturbance		
		Low	Med	High
Nesting sites	April 1-Aug 15	200 m*	500 m	500 m
Nesting sites	Aug 16-Oct 15	200 m	200 m	500 m
Nesting sites	Oct 16-Mar 31	50 m	100 m	500 m

* meters (m)

BUOW Passive Relocation and Mitigation

If BUOW are found to occupy the Project site and avoidance is not possible, it is important to note that according to the Staff Report (CDFG 2012), exclusion is not a take avoidance, minimization, or mitigation method and is considered a potentially significant impact under CEQA. However, if necessary, CDFW recommends that burrow exclusion be conducted by qualified biologists and only during the non-breeding season, before breeding behavior is exhibited and after the burrow is confirmed empty through non-invasive methods, such as surveillance. CDFW recommends replacement of occupied burrows with artificial burrows at a ratio of 1 burrow collapsed to 1 artificial burrow constructed (1:1) as mitigation for the potentially significant impact of evicting BUOW. BUOW may attempt to colonize or re-colonize an area that will be impacted; thus, CDFW recommends ongoing surveillance of the Project site during Project activities, at a rate that is sufficient to detect BUOW if they return.

2
cont.

Ryan Burnett, Management Analyst
City of Clovis
January 22, 2018
Page 6

COMMENT 2: California tiger salamander (CTS)

Section IV – Biological Resources, California Tiger Salamander, Mitigation Measure BIO-2, Pages 23 through 24

Issue: The MND prepared for the Project describes the Project site as lying within 1.3 miles (observed CTS dispersal distance) of suitable breeding habitat (Searcy and Shaffer 2011). In addition, the MND describes the presence of grassland habitat containing numerous burrows within the Project's area of potential impact. The MND acknowledges that the Project will result in 0.24 acres of permanent impacts and 0.27 acres of temporary impacts to upland habitat suitable for CTS. Despite the presence of these requisite habitat features, Mitigation Measure BIO-2 includes actions that could result in take as defined in Fish and Game Code § 86. For example, Mitigation Measure BIO-2 describes installing exclusion fencing around the Project area and relocating CTS found within the Project area. As defined pursuant to Fish and Game Code § 86; capture, or the attempt to do so, constitutes take and in the absence of securing an incidental take permit (ITP) pursuant to § 2081(b) of Fish and Game Code, is prohibited. In addition, the MND describes that authorization of incidental take of CTS will be obtained if CDFW determines it is necessary but does not explicitly include a provision for seeking an ITP authorizing take, pursuant to Fish and Game Code § 2081 (b).

Specific impact: Without appropriate avoidance and minimization measures for CTS, potential significant impacts associated with the Project's construction include burrow collapse, inadvertent entrapment, reduced reproductive success, reduction in health and vigor of young, and direct mortality of individuals.

Evidence impact is potentially significant: Up to 75% of historic CTS habitat has been lost to urban and agricultural development (Shaffer et al. 2013). Loss, degradation, and fragmentation of habitat is the primary threat to CTS in both the Central and San Joaquin Valleys (CDFW 2015, USFWS 2017). The Project area is within the range of CTS and is bordered by suitable upland habitat (i.e. grasslands interspersed with burrows). In addition, the Project area lies within 1.3 miles (observed CTS dispersal distance) of surrounding seasonally flooded wetlands. As a result, there is potential for CTS to occupy or colonize the Project area and for the Project to impact CTS.

Recommended Potentially Feasible Mitigation Measure(s)

To ensure that Project-related impacts to CTS are reduced to a level that is less than significant, CDFW recommends including the following measures in the CEQA document and as conditions of approval for the Project.

Ryan Burnett, Management Analyst
City of Clovis
January 22, 2018
Page 7

Focused CTS Surveys

CDFW recommends that a qualified biologist evaluate potential Project-related impacts to CTS prior to ground-disturbing activities using the USFWS's "Interim Guidance on Site Assessment and Field Surveys for Determining Presence or a Negative Finding of the California Tiger Salamander" (2003). CDFW advises that the survey include a 100-foot buffer around the Project area in all areas of wetland and upland habitat that could support CTS.

CTS Avoidance

CDFW advises avoidance for CTS include a minimum 50-foot no-disturbance buffer delineated around all small mammal burrows within and/or adjacent to the Project construction footprint. If burrow avoidance is not feasible, consultation with CDFW is warranted to determine if the Project can avoid take.

CTS Take Authorization

If through surveys it is determined that CTS are occupying the Project area and take cannot be avoided, take authorization may be warranted prior to initiating ground-disturbing activities. Take authorization would occur through issuance of an ITP by CDFW, pursuant to Fish and Game Code § 2081(b). Alternatively, in the absence of protocol surveys, the applicant can assume presence of CTS within the Project area and obtain an ITP from CDFW.

Would the Project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by CDFW or USFWS?

COMMENT 3: Lake and Streambed Alteration

Section IV – Biological Resources, Mitigation Measure BIO-5, Page 26

Issue: The Project will involve temporary and permanent impacts to the bed, bank, and channel of an ephemeral drainage that is tributary to Little Dry Creek, which itself is tributary to the San Joaquin River. This drainage feature is likely subject to CDFW's lake and streambed alteration regulatory authority, pursuant Fish & Game Code § 1600 et seq. However, notification to CDFW pursuant to Fish & Game Code, § 1600 et seq. is not described in the MND.

Specific impact: Work within stream channels has the potential to result in substantial diversion or obstruction of natural flows; substantial change or use of material from the bed, bank, or channel (including removal of riparian vegetation);

3
cont.

4

Ryan Burnett, Management Analyst
City of Clovis
January 22, 2018
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deposition of debris, waste, sediment, toxic runoff or other materials into water causing water pollution and degradation of water quality.

Evidence impact is potentially significant: The Project area includes work within features potentially subject to CDFW's lake and streambed alteration regulatory authority. In addition, the ephemeral drainage is a tributary to Little Dry Creek, which itself is a tributary to the San Joaquin River. Therefore, the Project has the potential to impact downstream waters.

Recommended Potentially Feasible Mitigation Measure(s)

Notification of Lake or Streambed Alteration

Project-related activities have the potential to change the bed, bank, and channel of a tributary to Little Dry Creek, which may be subject to CDFW's regulatory authority pursuant Fish and Game Code §1600 et seq., therefore notification is warranted. Fish & Game Code §1600 et seq. requires an entity to notify CDFW prior to commencing any activity that may (a) substantially divert or obstruct the natural flow of any river, stream, or lake; (b) substantially change or use any material from the bed, bank, or channel of any river, stream, or lake (including the removal of riparian vegetation); (c) deposit debris, waste or other materials that could pass into any river, stream, or lake. "Any river, stream, or lake" includes those that are ephemeral or intermittent as well as those that are perennial. CDFW is required to comply with CEQA in the issuance of a Lake and Streambed Alteration Agreement. For additional information on notification requirements, please contact our staff in the Lake and Streambed Alteration Program at (559) 243-4593.

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cont.

II. Editorial Comments and/or Suggestions

Federally Listed Species: CDFW also recommends consulting with USFWS on potential impacts to federally listed species including, but not limited to, CTS. Take under the Federal Endangered Species Act (FESA) is more broadly defined than CESA; take under FESA also includes significant habitat modification or degradation that could result in death or injury to a listed species by interfering with essential behavioral patterns such as breeding, foraging, or nesting. Consultation with the USFWS in order to comply with FESA is advised well in advance of any ground-disturbing activities.

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Nesting birds: CDFW has jurisdiction over actions with potential to result in the disturbance or destruction of active nest sites or the unauthorized take of birds. Fish and Game Code sections that protect birds, their eggs and nests include, §§ 3503 (regarding unlawful take, possession or needless destruction of the nest or eggs of any bird), 3503.5 (regarding the take, possession or destruction of any birds-of-prey or their nests or eggs), and 3513 (regarding unlawful take of any migratory nongame bird).

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CDFW recognizes that Mitigation Measure BIO-4 of the Project's MND contains avoidance and minimization measures for migratory birds. However, as currently drafted, it is unclear whether these measures will be adequate in avoiding take. For instance, in the event a bird nest is found, this measure describes weekly visits by a biologist to monitor nesting activity and does not include no-disturbance buffers for nesting birds.

CDFW encourages Project implementation occur during the bird non-nesting season. However, if ground-disturbing activities must occur during the breeding season (February through mid-September), the Project applicant is responsible for ensuring that implementation of the Project does not result in violation of the Migratory Bird Treaty Act or relevant Fish and Game Codes as referenced above.

In addition to the measures already included in Mitigation Measure BIO-4, CDFW recommends a qualified biologist conduct a survey to establish a behavioral baseline of all identified nests prior to ground disturbing activities. Once construction begins, CDFW recommends a qualified biologist continuously monitor nests to detect behavioral changes resulting from the project. If behavioral changes occur, CDFW recommends the work causing that change cease and CDFW consulted for additional avoidance and minimization measures.

If continuous monitoring of identified nests by a qualified wildlife biologist is not feasible, CDFW recommends a minimum no-disturbance buffer of 250 feet around active nests of non-listed bird species and a 500-foot no-disturbance buffer around active nests of non-listed raptors. *These buffers are advised to remain in place until the breeding season has ended or until a qualified biologist has determined that the birds have fledged and are no longer reliant upon the nest or parental care for survival. Variance from these no-disturbance buffers is possible when there is compelling biological or ecological reason to do so, such as when the construction area would be concealed from a nest site by topography.* CDFW recommends that a qualified wildlife biologist *advise and support any variance from these buffers and notify CDFW in advance of implementing a variance.*

ENVIRONMENTAL DATA

CEQA requires that information developed in environmental impact reports and *negative declarations* be incorporated into a database, which may be used to make subsequent or supplemental environmental determinations. (Pub. Resources Code, § 21003, subd. (e).) Accordingly, please report any special status species and natural communities detected during Project surveys to the California Natural Diversity Database (CNDDDB). The CNDDDB field survey form can be found at the following link: http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/CNDDDB_FieldSurveyForm.pdf. The completed form can be mailed electronically to CNDDDB at the following email address:

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cont.

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CNDDDB@wildlife.ca.gov. The types of information reported to CNDDDB can be found at the following link: http://www.dfg.ca.gov/biogeodata/cnddb/plants_and_animals.asp.

FILING FEES

If it is determined that the Project has the potential to impact biological resources, an assessment of filing fees will be necessary. Fees are payable upon filing of the Notice of Determination by the Lead Agency and serve to help defray the cost of environmental review by CDFW. Payment of the fee is required in order for the underlying project approval to be operative, vested, and final. (Cal. Code Regs, tit. 14, § 753.5; Fish & Game Code, § 711.4; Pub. Resources Code, § 21089.)

CONCLUSION

CDFW appreciates the opportunity to comment on the Project to assist the City of Clovis in identifying and mitigating Project impacts on biological resources.

More information on survey and monitoring protocols for sensitive species can be found at CDFW's website (<https://www.wildlife.ca.gov/Conservation/Survey-Protocols>). Questions regarding this letter or further coordination should be directed to Renée Robison, Environmental Scientist, at the address provided on this letterhead, by telephone at (559) 243-4014 extension 274, or by email at Renee.Robison@wildlife.ca.gov.

Sincerely,



Julie A. Vance
Regional Manager

cc: Holley Kline
United States Fish and Wildlife Service
2800 Cottage Way, Suite W-2605
Sacramento, California 95825

Office of Planning and Research
Post Office Box 3044
Sacramento, California 95814

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REFERENCES

- CBOC, 1993. Burrowing owl survey protocol and mitigation guidelines. Pages 171-177 in Lincer, J. L. and K. Steenhof (editors). 1993. The burrowing owl, its biology and management. Raptor Research Report Number 9.
- CDFG, 2012. Staff Report on Burrowing Owl Mitigation. California Department of Fish and Game. March 7, 2012.
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- Gervais, J. A., D. K. Rosenberg, and L. A. Comrack, 2008. Burrowing Owl (*Athene cunicularia*) In California Bird Species of Special Concern: A ranked assessment of species, subspecies, and distinct populations of birds of immediate conservation concern in California (W. D. Shuford and T. Gardali, editors). Studies of Western Birds 1. Western Field Ornithologists, Camarillo, California, and California Department of Fish and Game, Sacramento.
- Searcy, C. A., and H. B. Shaffer, 2011. Determining the migration distance of a vagile vernal pool specialist: How much land is required for conservation of California tiger salamanders? In Research and Recovery in Vernal Pool Landscapes (D. G. Alexander and R. A. Schlising (Editors), pages 73-87. Studies from the Herbarium, Number 16. California State University Chico, California.
- Shaffer, H. B., J. R. Johnson, and I. J. Wang, 2013. Conservation Genetics of California tiger salamanders. Final Report prepared for Central Valley Project Conservation Program, Bureau of Reclamation, Sacramento, California.
- U. S. Fish and Wildlife Service (USFWS), 2003. Interim Guidance on Site Assessment and Field Surveys for Determining Presence or a Negative Finding of the California Tiger Salamander, October 2003.
- USFWS, 2017. Recovery Plan for the Central California Distinct Population Segment of the California Tiger Salamander (*Ambystoma californiense*). U. S. Fish and Wildlife Service, Region 8, Sacramento, California. June 2017.

LETTER E

California Department of Fish and Wildlife (CDFW)
Julie A. Vance, Regional Manager
January 22, 2018

- Response E-1: This comment states that on January 26, 2017, CDFW submitted a letter regarding the IS/MND, dated December 2016. This comment states that CDFW's letter voiced concern regarding potential for the project to result in significant impacts to biological resources on and near the project site, specifically potential impact to burrowing owl, California tiger salamander (CTS), western spadefoot, and special-status plant species. This comment also states that CDFW still has similar concerns regarding these impacts and the mitigation measures contained in the December 2017 IS/MND. Following CDFW's January 2017 letter, the City revised the biological resources section of the IS/MND. The City revised Mitigation Measure BIO-2 to address incidental take of CTS and to offset impacts to CTS upland habitat. In addition, the City added Mitigation Measure BIO-3 to reduce potential impacts to special-status plants. These mitigation measures were included in the City recirculated the December 2017 Recirculated IS/MND. The City intends to comply with the mitigation measures and the intent of the mitigation measures included in the IS/MND is clear that the City will mitigate impacts and monitor as necessary.
- Response E-2: This comment states that the project area is within the range of burrowing owl and that CDFW recommends including Burrowing Owl Avoidance and Burrowing Owl Relocation and mitigation measures in the IS/MND. The City has reviewed this comment and determined that the IS/MND does include these mitigation measures as outline in Mitigation Measure BIO-1 on page 20, specifically includes a reference to the *California Department of Fish and Wildlife (CDFW) 2012 Staff Report on Burrowing Owls*, although not worded as specified in CDFW's letter. The City intends to comply with the mitigation measures and the intent of the mitigation measures included in the IS/MND is clear that the City will mitigate impacts and monitor as necessary.
- Response E-3: This comment identifies that the project site lies within 1.3 miles of suitable breeding habitat for CTS and that CDFW recommends including Focused CTS Surveys, CTS Avoidance, and CTS Take Authorization mitigation measures in the IS/MND. The City has reviewed this comment and determined that the IS/MND incorporates these mitigation measures, although not specifically worded as specified in CDFW's letter. The City intends to comply with the mitigation measures and the intent of the mitigation measures included in the IS/MND is clear that the City will mitigate impacts and monitor as necessary.

- Response E-4: This comment identifies that the project would involve temporary and permanent impacts to the bed, bank, and channel of an ephemeral drainage that is tributary to Little Dry Creek, which is tributary to the San Joaquin River. CDFW recommends including Notification of Lake or Streambed Alteration mitigation measures in the IS/MND. The City has reviewed this comment and determined that the IS/MND does include these mitigation measures, although not worded as specified in CDFW's letter. The City intends to comply with the mitigation measures and the intent of the mitigation measures included in the IS/MND is clear that the City will mitigate impacts and monitor as necessary.
- Response E-5: This comment recommends consulting with USFWS on potential impacts to federal listed species. The City has reviewed this comment and determined that the IS/MND includes mitigation measures that would mitigate impacts and monitor as necessary.
- Response E-6: This comment recommends that project implementation occurs during the bird non-nesting season and that if ground-disturbing activities must occur during the breeding season, the City is responsible for ensuring that implementation of the project does not result in violation of the Migratory Bird Treaty Act or relevant Fish and Game Codes. The City has reviewed this comment and determined that the IS/MND includes mitigation measures that would mitigate impacts and monitor as necessary.



AGENDA ITEM NO: 2-A-1

City Manager: JS

CITY of CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Planning and Development Services Department

DATE: February 20, 2018

SUBJECT: Consider Approval - Res. 18-__, A request for California Department of Transportation and the California Transportation Commission to remove access restriction at the intersection of Owens Mountain Parkway and Temperance Avenue.

ATTACHMENTS: (A) Resolution of Project Commitment
(B) Location Map
(C) Proposed Roundabout Layout

CONFLICT OF INTEREST

None

RECOMMENDATION

For the City Council to approve Resolution 18- __, requesting California Department of Transportation (Caltrans) and the California Transportation Commission (CTC) to remove the access restriction at the intersection of Owen's Mountain Parkway and Temperance Avenue for continuation of Owen's Mountain Parkway east of Temperance Avenue for traffic circulation purposes. The resolution will make a firm commitment on behalf of the City to fund and deliver a project to construct a roundabout at said intersection in a timely manner in return for Caltrans' relinquishment of the right of way at said intersection to the City of Clovis.

EXECUTIVE SUMMARY

The resolution serves to formalize the City's request of Caltrans and the CTC to transfer the right of way at the intersection of Owen's Mountain Parkway and Temperance Avenue to the City of Clovis. The resolution also confirms the City's commitment to fund and deliver the roundabout project within a timely manner (Attachment A).

BACKGROUND

A completed intersection at Alluvial Avenue and Temperance Avenue was built by the Fresno County Transportation Authority (FCTA) in cooperation with Caltrans in 2001 as part of the State Route 168 construction. As originally designed, the intersection was a "T" intersection with no easterly leg. Leading up to and during the construction of the State highway, the City established the first phase of the Research and Technology Business Park (RT Park) and was awarded an EDA grant to construct infrastructure to serve the development. The EDA project included construction of full street improvements and infrastructure for Alluvial and Temperance Avenues including a traffic signal and intersection improvements augmenting the FCTA work. The intersection was built to accommodate a fourth leg to the east to serve limited development west of the Enterprise Canal. As positioned, the intersection is approximately 374 feet from the State Route 168 westbound off ramps, which is less than the minimum distance of 400 feet required by Caltrans. Caltrans does own the right-of-way necessary to preserve and enforce no access within that zone.

As the surrounding property began to develop, Caltrans was consulted and allowed the violation of the access restriction under an encroachment based on their understanding that only localized traffic would utilize the access point. The easterly leg of the intersection, "Owen's Mountain Parkway" was constructed incrementally for access to the property on the southeast corner of the intersection. Later, the City established the next phase of the RT Park which lies east of the Enterprise Canal. This new phase included the extension of Owens Mountain Parkway further to the east, ultimately connecting back into State Route 168 to the north near Harlan Ranch.

With the plan for the City to continue Owen's Mountain Parkway further to the east for traffic circulation, staff has worked extensively with Caltrans on getting the existing access restriction at the intersection removed to allow for continued access. This work included providing detailed independent traffic studies with mitigation measures that would minimize impacts to the affected ramps. Caltrans remains unwilling to allow a design exception, but suggested in 2014, that replacing the traffic signal with a roundabout would improve traffic flow so that impacts to the ramps are reduced. With the roundabout, Caltrans could approve a design exception and would be willing to relinquish the right of way they now hold within the intersection.

City staff has since programed federal funding through Congestion Mitigation and Air Quality (CMAQ) to fund the construction of a roundabout at the intersection. City staff and our consultant are currently working with Caltrans staff through design review of the project and approval of the design exception for the roundabout. With a resolution of commitment from the City for the roundabout project, Caltrans is ready to approve the design exception and transfer the right of way to the city of Clovis. This will secure the City's ability to continue to utilize this access point and proceed with plans to extend Owens Mountain Parkway to the east.

FISCAL IMPACT

The construction of the roundabout project is budgeted in the 2018-2019 Community Investment Program budget and funding will be with Congestion Mitigation and Air Quality (CMAQ) federal funds. The estimated cost is \$1.6 million.

REASON FOR RECOMMENDATION

The attached resolution is the City's request to remove the access restriction by transfer of right of way to the City of Clovis, and commit funding to construct the roundabout at the intersection of Owen's Mountain Parkway and Temperance Avenue within a timely manner after receiving the transfer of the right of way.

ACTIONS FOLLOWING APPROVAL

1. Staff will request Caltrans to relinquish the right of way in the intersection of Owen's Mountain Parkway and Temperance Avenue to the City of Clovis; and
2. Staff will continue working with Caltrans to complete the design of the roundabout and submit the project for allocation of the federal funding for construction.
3. Staff will schedule construction of the roundabout upon allocation of the federal funding.

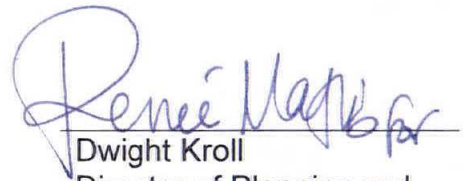
Prepared by: Thad Avery, Associate Engineer

Submitted by:



Michael Harrison
City Engineer

Recommended
by:



Dwight Kroll
Director of Planning and
Development Services

RESOLUTION 18-__

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CLOVIS REQUESTING CALTRANS AND THE CALIFORNIA TRANSPORTATION COMMISSION REMOVE THE ACCESS RESTRICTION AT THE INTERSECTION OF OWEN'S MOUNTAIN PARKWAY AND TEMPERANCE AVENUE; AND THE CITY'S FIRM COMMITMENT TO FUND AND DELIVER THE CONSTRUCTION OF A ROUNDABOUT AT SAID INTERSECTION

WHEREAS, the City of Clovis is requesting Caltrans and the California Transportation Commissions' (CTC) approval for continuation of Owen's Mountain Parkway east of Temperance Avenue for traffic circulation purposes; and

WHEREAS, Caltrans currently owns the east half of the Owen's Mountain Parkway and Temperance Avenue intersection; and

WHEREAS, there currently exists an access restriction across the easterly right of way of said intersection; and

WHEREAS, Caltrans has recommended the construction of a roundabout at said intersection in order to transfer the intersection right of way to the City of Clovis; and

WHEREAS, the transfer of the right of way at said intersection will remove the access restriction at the intersection; and

WHEREAS, the City of Clovis currently has federal funding programed from Congestion Mitigation and Air Quality (CMAQ) to construct said roundabout.

NOW, THEREFORE BE IT RESOLVED, the City Council of the City of Clovis commits funding per the City of Clovis Capital Investment Program budget to construct a roundabout at the intersection of Owen's Mountain Parkway and Temperance Avenue. The City also commits to deliver the project within the timelines of the CMAQ funding guidelines upon Caltrans' relinquishment of the intersection right of way to the City.

* * * * *

The foregoing Resolution was introduced and adopted at a regular meeting of the City Council of the City of Clovis held on February 20, 2018, by the following vote, to wit:

AYES:

NOES:

ABSENT:

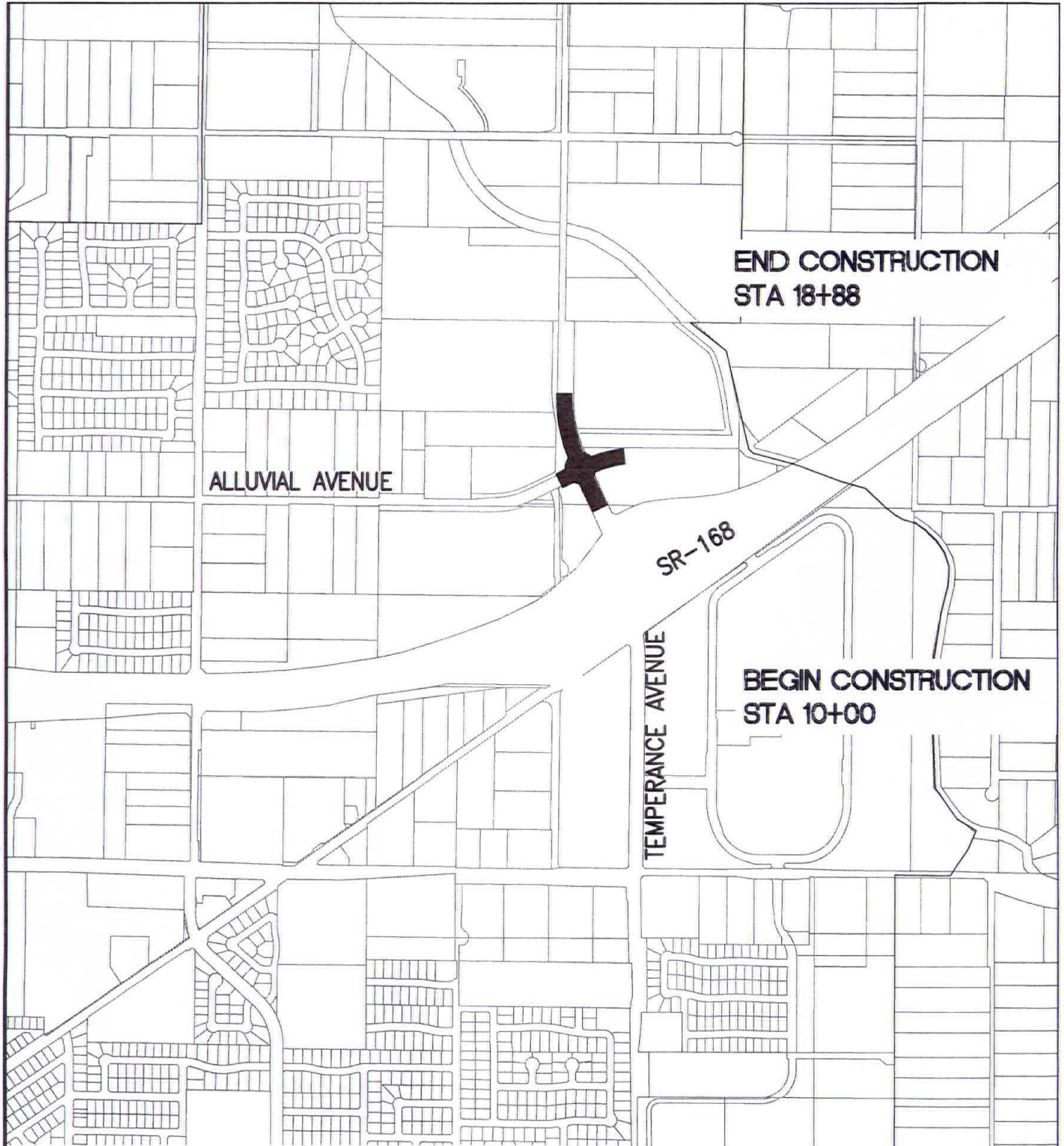
ABSTAIN:

DATED:

Mayor

City Clerk

DWG: S:\2013\13-054\Acad\Exhibits\Design Exception Location Map.dwg USER: Phil Ginther DATE: Mar 16, 2016 10:12am



PROJECT LOCATION MAP
TEMPERANCE AND ALLUVIAL ROUNDABOUT
CLOVIS, CALIFORNIA

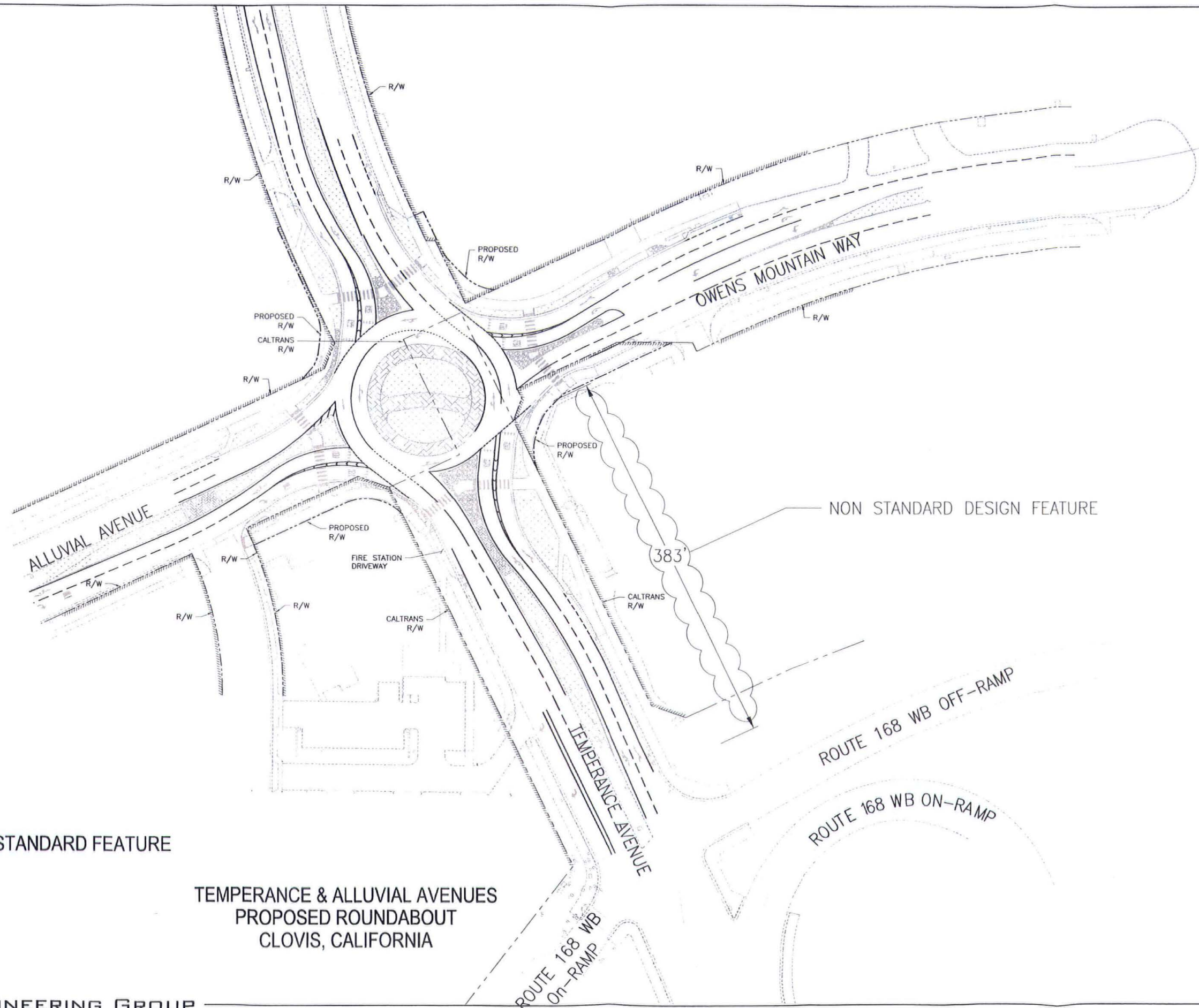
Attachment "B"
Location Map

SCALE: 1" = 100'

ATTACHMENT C
MANDATORY NON STANDARD FEATURE

TEMPERANCE & ALLUVIAL AVENUES
PROPOSED ROUNDABOUT
CLOVIS, CALIFORNIA

PETERS ENGINEERING GROUP



SCALE: 1"=100'

FIGURE 3



AGENDA ITEM NO:	3-A
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CITY *of* CLOVIS

REPORT TO THE CITY COUNCIL

TO: Mayor and City Council

FROM: Administration

DATE: February 20, 2017

SUBJECT: Consider appointment of two council members to represent the City of Clovis in negotiations with the Fresno Irrigation District on the Water Conveyance Agreement.

Luke Serpa will give an oral presentation on this item. Please direct questions to the City Manager's office at 559-324-2060.