

RESOLUTION NO. OB15-05

RESOLUTION OF THE OVERSIGHT BOARD OF THE SUCCESSOR AGENCY TO THE HOLTVILLE REDEVELOPMENT AGENCY APPROVING REVISIONS TO THE LONG-RANGE PROPERTY MANAGEMENT PLAN AS REQUIRED UNDER HEALTH AND SAFETY CODE SECTION 34191.5

WHEREAS, the California state legislature enacted Assembly Bill x1 26 (the "Dissolution Act") to dissolve redevelopment agencies formed under the Community Redevelopment Law (Health and Safety Code Section 33000 et seq.); and

WHEREAS, pursuant to Health and Safety Code Section 34173, the City Council of the City of Holtville declared that the City of Holtville, a political subdivision of the State of California (the "County"), would act as successor agency (the "Successor Agency") for the dissolved Redevelopment Agency of the City of Holtville (the "Former Redevelopment Agency") effective February 1, 2012; and

WHEREAS, on February 1, 2012, the Former Redevelopment Agency was dissolved pursuant to Health and Safety Code Section 34172; and

WHEREAS, the Dissolution Act provides for the appointment of an oversight board (the "Oversight Board") with specific duties to approve certain Successor Agency actions pursuant to Health and Safety Code Section 34180 and to direct the Successor Agency in certain other actions pursuant to Health and Safety Code Section 34181; and

WHEREAS, pursuant to AB 1484 ("AB 1484"), enacted June 27, 2012 to amend various provisions of the Dissolution Act, the Successor Agency is now declared to be a separate legal entity from the City; and

WHEREAS, in accordance with Health and Safety Code Section 34191.5, the Successor Agency has prepared a long-range property management plan that provides for the disposition and use of the real property assets of the Former Redevelopment Agency, a copy of which is attached to this Resolution as Exhibit A, incorporated herein by this reference (the "Long-Range Property Management Plan"); and

WHEREAS, pursuant to Health and Safety Code Section 34191.5(b), the Successor Agency must submit the Long-Range Property Management Plan to the Oversight Board and the Department of Finance (the "DoF") no later than six months following the issuance by the DoF to the Successor Agency of the finding of completion pursuant to Health and Safety Code Section 34179.7; and

WHEREAS, pursuant to Health and Safety Code Section 34191.3, once approved by the Oversight Board and the DoF, the Long-Range Property Management Plan will govern, and supersede all other provisions relating to, the disposition and use of the real property assets of the Former Redevelopment Agency; and

WHEREAS, as of the date of the adoption of this Resolution, the Successor Agency: (1) has submitted to the DoF for its review the reports required pursuant to Health and Safety Code Section 34179.5; (2) has made a payment for amounts due under Health and Safety Code Section 34183.5; and (3) has made or stands ready to make, the payment for amounts determined to be due under Health and Safety Code Section 34179.6 (d) and (e); but has not yet received a finding of completion from the DoF pursuant to Health and Safety Code Section 34179.7; and

WHEREAS, the Successor Agency's implementation of the Long-Range Property Management Plan, in a manner consistent with the Dissolution Act and AB 1484, will effectuate the dissolution of the Former Redevelopment Agency by liquidating its former property in a manner aimed at maximizing value for the benefit of taxing entities; and

WHEREAS, on May 24, 2013, the California Department of Finance issued a Finding of Completion (FOC) to the Holtville Successor Agency; and

WHEREAS, on November 12, 2013 the Successor Agency voted to adopt the Long Range Property Manager Plan; and

WHEREAS, the approved plan was submitted to the Department of Finance; and

WHEREAS, the Department of Finance has required multiple sets of revisions to the Long Range Property management Plan; and

WHEREAS, the accompanying report provides supporting information upon which the action set forth in this Resolution is based.

NOW, THEREFORE, BE IT RESOLVED that the Oversight Board of the Successor Agency hereby finds, resolves, and determines that the foregoing recitals are true and correct, and, together with information provided by the Successor Agency staff and the public, form the basis for the approvals, findings, resolutions, and determinations set forth below.

BE IT FURTHER RESOLVED that pursuant Health and Safety Code Section 34191.5(b), the Oversight Board of the Successor Agency hereby approves the Long- Range Property Management Plan, subject only to the DOF's issuance of a finding of completion to the Successor Agency, pursuant to Health and Safety Code Section 34179.7.

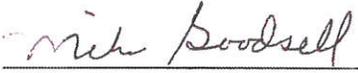
BE IT FURTHER RESOLVED, upon the Oversight Board of the Successor Agency's receipt of all approvals of the Long-Range Management Plan required under the Dissolution Act and AB 1484, that the Successor Agency dispose and use the real property assets of the Former Redevelopment Agency in accordance with the Long-Range Management Plan and to take any action and execute any documents, as may be necessary to implement the disposition and use of the real property assets of the Former Redevelopment Agency in accordance with the terms approved in the Long-Range Management Plan and this Resolution.

BE IT FURTHER RESOLVED that the Oversight Board of the Successor Agency hereby authorizes and directs staff to take all actions necessary under the Dissolution Act to file, post, mail or otherwise deliver via electronic mail, internet posting, and/or hardcopy, all notices and transmittals necessary or convenient in connection with the approval of the Long-Range Management Plan and to take any other actions necessary to ensure the validity of the Long- Range Management Plan and the validity of any of the activities contemplated therein.

BE IT FURTHER RESOLVED that this Resolution shall take effect at the time and in the manner prescribed in Health and Safety Code Section 34179(h).

PASSED AND ADOPTED this 16th day of December, 2015.

Oversight Board to the Successor
Agency to Holtville Redevelopment
Agency

BY: 
Mike Goodsell, Chairman

STATE OF CALIFORNIA
COUNTY OF IMPERIAL
CITY OF HOLTVILLE

I, Denise Garcia, Secretary of the Holtville Successor Agency, do hereby certify that the foregoing resolution was duly passed, approved and adopted by the Oversight Board of the Holtville Successor Agency, at its regular scheduled meeting held on the 16th day of December, 2015.

Attest:
Secretary of Holtville Successor Agency

By: 
Denise Garcia, Secretary

Successor Agency to the Holtville Redevelopment Agency *Long Rang Property Management Plan*

Background and Purpose of Plan

This Long-Range Property Management Plan (the "Plan") has been prepared and will be processed by the Successor Agency (the "Successor Agency") for the Redevelopment Agency of the City of Holtville (the "Former Redevelopment Agency") in accordance with Health and Safety Code Section 34191.5.

The Former Redevelopment Agency was dissolved on February 1, 2012, and the real properties of the Former Redevelopment Agency, consisting of twelve (12) individual parcels (hereafter referred to as the "Properties," and further described in this Plan) were transferred on that date to the Successor Agency. The Successor Agency is now responsible for disposition of the Properties in accordance with the procedures and requirements of ABx1 26 and AB 1484 (the "Redevelopment Dissolution Statutes"), the statutes that govern the dissolution of the Former Redevelopment Agency and the liquidation of its former property.

This Plan is being presented on December 16, 2015, for consideration of approval by the Oversight Board for the Successor Agency (the "Oversight Board") that was established pursuant to the Redevelopment Dissolution Statutes. If approved by the Oversight Board, the Plan will then be transmitted to the California Department of Finance (the "DoF") for its approval.

This Plan will become effective upon the occurrence of all of the following: (1) approval of the Plan by the Oversight Board; (2) approval of the Plan by the DoF; and (3) issuance of a Finding of Completion by the DoF to the Successor Agency in accordance with Health and Safety Code Section 34179.7.

In accordance with Health and Safety Code Section 34191.5(c), the following sections of this Plan consist of an inventory of specified information related to the Property, and the proposed plan for disposition of the Property.

Inventory of Property

Attached is an overview of the required inventory information of the Properties, which constitutes the only real property transferred from the Former Redevelopment Agency and owned by the Successor Agency. This inventory is organized to address the specific inventory subsections listed in Health and Safety Code Section 34191.5(c)(1). It contains information regarding the characteristics of each property, the acquisition, history, purpose and valuation (both at acquisition and at present), as well as any revenue generation currently accrued by the Properties. Finally the Plan identifies future potential of the Properties and the proposed disposition of each parcel.

LONG RANGE PROPERTY MANAGEMENT PLAN: PROPERTY INVENTORY DATA

LRPMP ID No	HSC 34191.5 (c)(1)(C)			HSC 34191.5 (c)(2)			HSC 34191.5 (c)(1)(A)			SALE OF PROPERTY (If applicable)		Property Value/Sale Info	HSC 34191.5 (c)(1)(B)		HSC 34191.5 (c)(1)(C)		HSC 34191.5 (c)(1)(D)		HSC 34191.5 (c)(1)(E)		HSC 34191.5 (c)(1)(F)	HSC 34191.5 (c)(1)(G)		HSC 34191.5 (c)(1)(H)	Other Property Info
	Address or Description	APN	Property Type	Permissible Use	If Sale of Property, Specify Intended Use of Sale Proceeds	Permissible Use Detail	Acquisition Date	Value at Time of Acquisition	Estimated Current Value	Date of Estimated Current Value	Estimated Current Value Basis		Proposed Sale Value	Proposed Sale Date	Purpose for Which Property was Acquired	Lot Size (Acres)	Current Zoning	Estimate of Current Parcel Value	Annual Estimate of Income / Revenue	Are There Any Contractual Requirements for Use of Income / Revenue?	Has There Been Historic Environmental Contamination, Studies and/or Remediation & Designation as a Brownfield Site for the Property?	Does the Property Have the Potential as a Transit Oriented Development?	Were there Advancements to the Successor Agency's Planning Objectives?	Does the Property Have a History of Previous Development Proposals and Activity?	
1	SR115 / Evan Hewes / Alamo River	045-100-052	Park/Open Space	Governmental Use	N/A	Pete Mellinger Alamo River Trail	2007	\$14,500	\$2,610	2013	Estimate	N/A	N/A	Alamo River Recreation Trail (Constructed)	1.24	CF/OS	\$2,610	\$0	N/A	None	Foot & Bicycle Path Only	Yes	No		
4	4th St & Olive Avenue SBE-832-13-3H-29&3H-30 of BLK 124, 125, & 126	045-243-004	Park/Open Space	Governmental Use	N/A	Pete Mellinger Trail, NEV & Bike Paths	2007	\$21,000	\$3,780	2013	Estimate	N/A	N/A	Alamo River Recreation Trail (Constructed)	5.92	OS	\$3,780	\$0	N/A	None	No	Yes	No		
7	On SR115 Between Olive & Palm Avenues	045-281-004	Parking Lot / Structure	Future Development (Transfer to City)	N/A	Recreation / Mixed Use Residential	2007	\$156,000	\$28,080	2013	Estimate	N/A	N/A	Alamo River Recreation Trail (Constructed)	2.07	DB	\$28,080	\$0	N/A	None	No	Yes	No		
8	N Side of Fourth Street Between Fern & Orange Aves	045-292-016	Vacant Lot/Land	Future Development (Transfer to City)	N/A	Mixed Use Residential / Commercial / Light Industrial	2007	\$112,500	\$20,347	2013	Estimate	N/A	N/A	Mixed Use Residential Development	1.1	IL	\$20,347	\$0	N/A	None	Yes	Yes	No		
9	N Side of Fourth Street Between Alley & Walnut Ave	045-293-006	Vacant Lot/Land	Future Development (Transfer to City)	N/A	Mixed Use Residential / Commercial / Light Industrial	2007	\$52,500	\$9,803	2013	Estimate	N/A	N/A	Mixed Use Residential Development	0.53	IL	\$9,803	\$0	N/A	None	Yes	Yes	No		
10	N Side of Fourth Street Between Alley & Orange Ave	045-293-007	Vacant Lot/Land	Future Development (Transfer to City)	N/A	Mixed Use Residential / Commercial / Light Industrial	2007	\$52,500	\$9,802	2013	Estimate	N/A	N/A	Mixed Use Residential Development	0.53	IL	\$9,802	\$0	N/A	None	Yes	Yes	No		
11	N Side of Fourth Street Between Maple & Walnut Aves	045-294-004	Vacant Lot/Land	Future Development (Transfer to City)	N/A	Mixed Use Residential / Commercial / Light Industrial	2007	\$31,500	\$7,029	2013	Estimate	N/A	N/A	Mixed Use Residential Development	0.38	IL	\$7,029	\$0	N/A	None	Yes	Yes	No		
12	Orchard Road & Fourth Street	045-330-060	Park/Open Space	Governmental Use	N/A	Open Space / Terminus of Storm Water System Outlet Pipeline	2007	\$52,500	\$9,450	2013	Estimate	N/A	N/A	Open Space	0.76	OS	\$9,450	\$0	N/A	None	Yes	Yes	No		
2	Sixth Street & Pine Avenue (Site of Proposed Public Safety Bldg)	045-204-015	Police/Fire Station	Governmental Use	N/A	Future Site of Proposed Public Safety (Police & Fire) Bldg	2001	Unknown	N/A		N/A	N/A	N/A	Donated for Public Safety (Police & Fire) Building	1.71	DA	\$151,558	\$0	N/A	None	Yes	Yes	No		
3	Sixth Street & Pine Avenue (Site of Proposed Public Safety Bldg)	045-204-016	Police/Fire Station	Governmental Use	N/A	Future Site of Proposed Public Safety (Police & Fire) Bldg	2001	Unknown	N/A		N/A	N/A	N/A	Donated for Public Safety (Police & Fire) Building	0.02	DA	\$139,432	\$0	N/A	None	Yes	Yes	No		
5	SR 115 & Olive Avenue SBE 832-13-3D-19 BLK 124-125 & 126	045-244-001	Park/Open Space	Governmental Use	N/A	Earl Walker Park	2005	Donated	N/A		N/A	N/A	N/A	Park	4.82	CF	N/A	\$0	N/A	None	No	Yes	No		
6	549 Fern Avenue (Current Fire Station)	045-261-039	Police/Fire Station	Governmental Use	N/A	City Fire Station	2002	Unknown	\$162,250	2013	Estimate	N/A	N/A	Donated for Use as Fire Station	0.05	RC	\$162,250	\$0	N/A	None	No	Yes	No		

* Multiple parcels purchased using 2007 RDA Bond Proceeds

Proposed Disposition

- Transfer to City of Holtville
- Approve Compensation Agreement for future sale
- Transfer approved by DoF

Subject Properties

LRPMP Property ID#: 1

Description: *Alamo River Recreation Trail (Constructed)*



Address / Location:	S of SR115 / Evan Hewes	Appraised Value at Acquisition:	\$14,500
APN:	045-100-052	Acquired:	2007
Acres	1.24 Acres	Current Value:	\$2,610
Property Type:	Park/Open Space	Curr Value Basis:	2013 Estimate
Current Use:	Recreation	Desired Conversion:	Transfer to City of Holtville
Zoning	CF/OS - Open Space	Annual Revenue:	\$0

Reason Necessitating Transfer: The subject property is immediately adjacent to the Alamo River Recreation Trail and encompasses both a section of the riverbed and the embankment (approximately 30 feet in height) adjacent to the roadway to the north. The City of Holtville needs to retain the riverbed area due to varying river flows and the need for brush, sediment and debris control to maintain the integrity of the Trail in relation to flooding. For the same reason, erosion control on the embankment is necessary on an ongoing basis.

Alternative Use: Essentially none. The subject property consists of unuseable land (aforementioned approximate 30 foot embankment, river and reiverbed). Structures are not feasible.

LRPMP Property ID#: 2-3

Description: *Public Safety Building Properties*



LRPMP ID #	Address / Location	APN	Acres	Appraised Value @ Acquisition	2013 Estimated Value
2	NW Corner of Sixth Street at Pine Ave	045-204-015	1.71	Unknown	\$151,558
3	E Side of Pine Ave, S of Seventh St	045-204-016	0.02	Unknown	\$139,432

All Properties Info

Acquisition:	Donated in 2001 for Public Safety Building
Zoning:	DA - Downtown "A"
Current Use:	Future Site of Proposed Public Safety (Police & Fire) Building
Property Type:	Police/Fire Station
Annual Revenue:	\$0
Recommended Conversion:	Transfer to City of Holtville

Reason Necessitating Transfer: The subject properties were donated in 2001 by longtime Holtvillites for the express purpose of constructing a public facility. Given the nature of its acquisition and as no RDA funds were expended to purchase the property, it should be transferred to the City of Holtville. Additionally, significant expenditures have been made over the past 11-plus years to design the facility. The construction of the facility will require procuring additional funding, but procurement of that has been on hold until this transfer is affected.

Alternative Use: With its Downtown "A" designation, this property could be used for various commercial and/or residential endeavors.

Resolutions Pertaining to this Property: Various. Over several years in the early 2000's, funds were budgeted for the design of the site plan, then architecture for the Public Safety Building. See attached for listing of many of those expenditures and the resulting plans produced.

CITY OF HOLTVILLE Vendor Listing (Detail)

Date : 12/3/2015 9:37:58 AM
User Name : Lee Ann

Vendor : HOLT ARCHITECTS	Active	Temporary	Blacklist	Quality	1099	Amount Due
Customer Number :	✓					0.00
Contact Name :					Alt. Sort Key : 0000001412	
Minority Code :					1099 Type :	
Tax Code :		Taxpayer ID : 33-0799112				
Tax % :		Government ID :				
Last Check # : 1590		Default G/L Expense Code : 10.00000.999999				
Last Check Date : 5/14/2010		Default A/P Accounts Number : 201000 ACCOUNTS PAYABLE				
Bank :						
Bank Account # :						

Mailing Address

70-225 HIGHWAY 111, BLDG. B., STE. D

RANCHO MIRAGE CA 92270

Billing Address

70-225 HIGHWAY 111, BLDG. B., STE. D

RANCHO MIRAGE CA 92270

	<u>Fiscal YTD</u>	<u>Calendar YTD</u>	<u>Lifetime</u>
Purchases :	0.00	0.00	373,016.10
Payments :	0.00	0.00	373,016.10
Credits :	0.00	0.00	0.00
Discounts :	0.00	0.00	0.00
Note :			

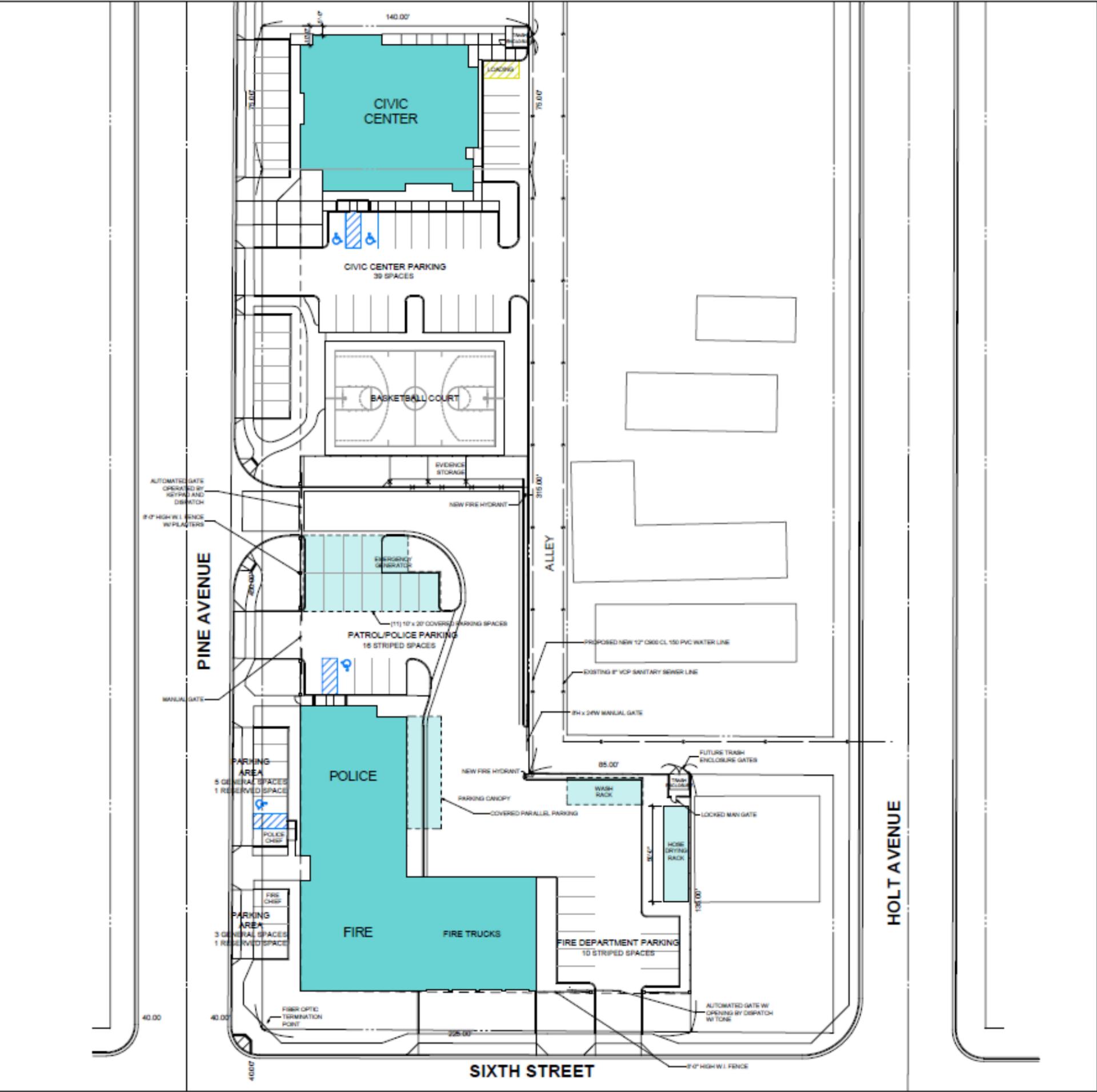
City of Holtville



Public Safety Building and Civic Center

Sixth Street at Pine Avenue
Holtville, California 92250

Site Plan



March 14, 2003

HOLT ARCHITECTS
ARCHITECTURE AND PLANNING

2500 COOK ST. ■ STE 150 ■ SAN DIEGO, CA 92101 ■ PHONE (619) 594-1000

PROJECT: CIVIC CENTER ■ CLIENT: CITY OF HOLTVILLE ■ ARCHITECT: HOLT ARCHITECTS

PS101

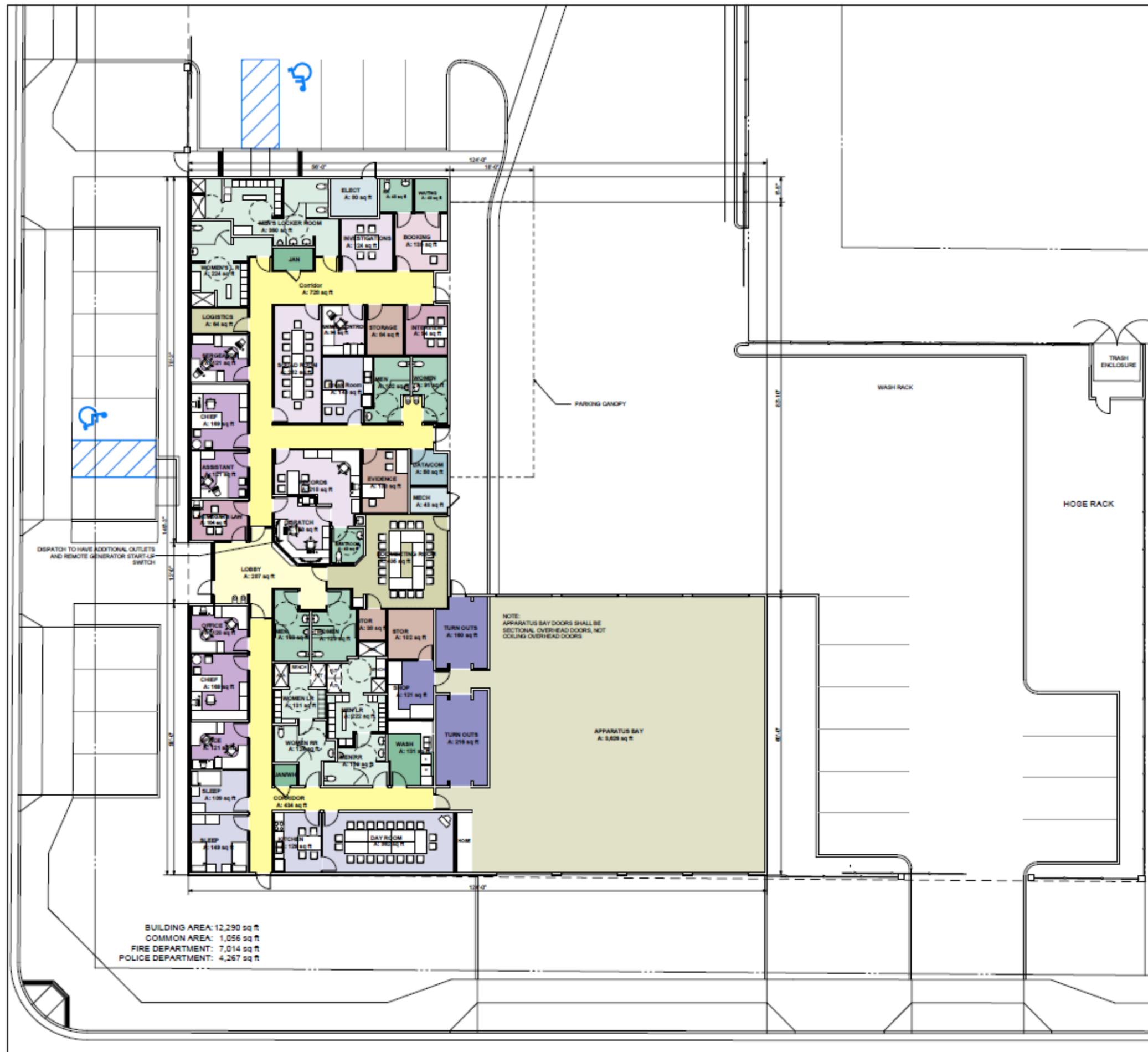
City of Holtville



Public Safety Building and Civic Center

Sixth Street at Pine Avenue
Holtville, California 92250

Public Safety Building



BUILDING AREA: 12,290 sq ft
COMMON AREA: 1,056 sq ft
FIRE DEPARTMENT: 7,014 sq ft
POLICE DEPARTMENT: 4,267 sq ft



March 14, 2008



PA100

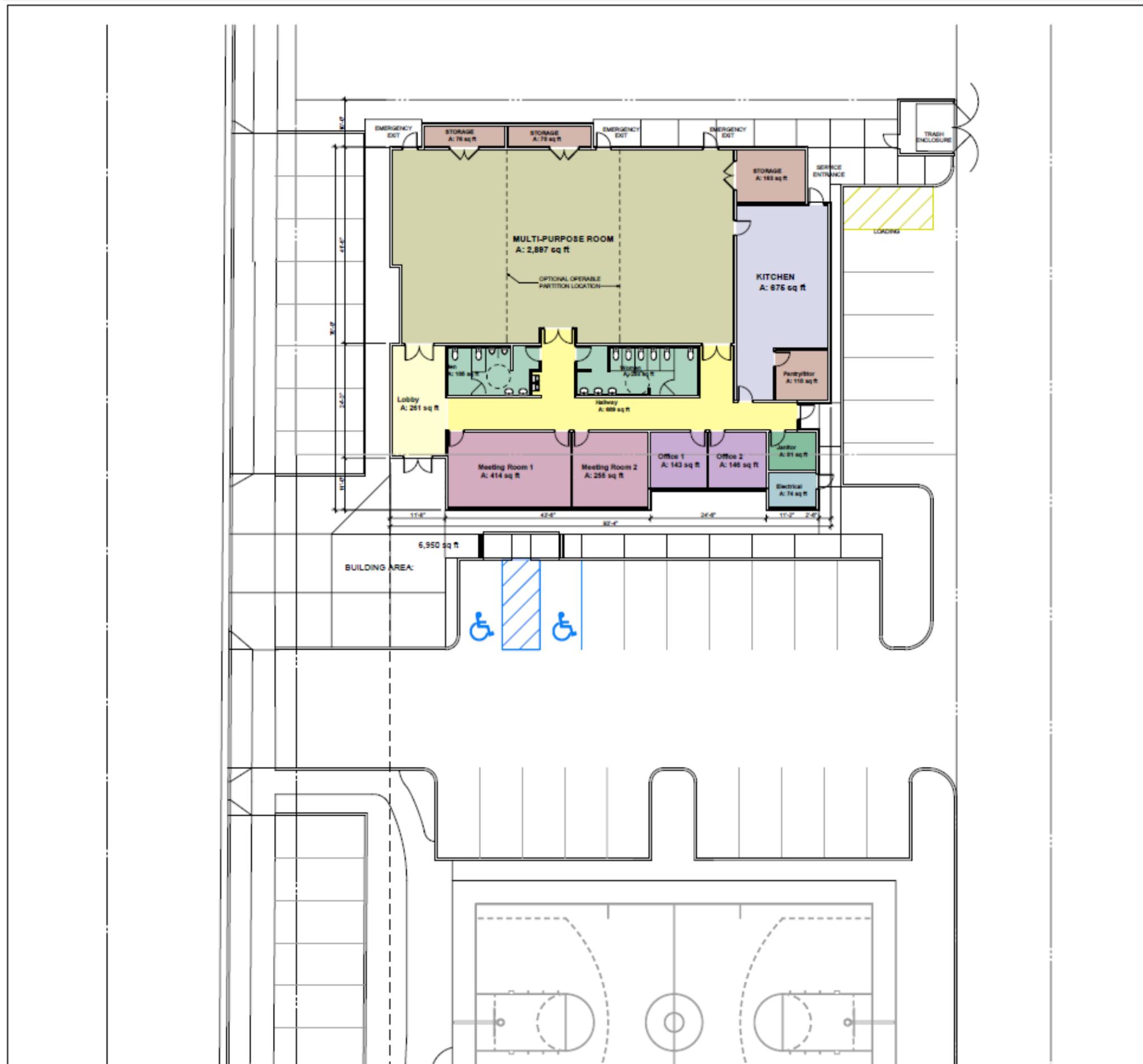
City of Holtville



Public Safety Building and Civic Center

Sixth Street at Pine Avenue
Holtville, California 92250

Civic Center Building



March 14, 2003



PA101

City of Holtville



Public Safety Building and Civic Center

Sixth Street at Pine Avenue
Holtville, California 92250

Site Plan Color



March 14, 2008



PS101

LRPMP Property ID#: 4

Description: *Alamo River Recreation Trail & Railroad Bridge (Constructed)*



Address / Location:	Fourth St & Olive Avenue SBE-832-13-3H-29&3H-30 of BLK 124, 125 & 126	Appraised Value at Acquisition:	\$21,000
APN:	045-243-004	Acquired:	2007
Acres	5.92 Acres	Current Value:	\$3,780
Property Type:	Park/Open Space	Curr Value Basis:	2013 Estimate
Current Use:	Recreation	Desired Conversion:	Transfer to City of Holtville
Zoning	OS - Open Space	Annual Revenue:	\$0

Reason Necessitating Transfer: The subject property was long ago designated for acquisition for construction of the Alamo River Recreation Trail. Since its acquisition in 2007, the City of Holtville applied for and received multiple grants for the construction of the Alamo River Trail (recently renamed the "Pete Mellinger Alamo River Trail"). Prior to the RDA dissolution, the planning and grant process had begun on this and linked properties for construction of the Trail. Phased construction of the Trail began in 2013, and has now been substantially completed.

Additionally, this property is integrated in both the Bicycle Master Plan and a conceptual plan for an Electric Vehicle path that would connect the Imperial Palms Resort Country Club, located just outside the City limits, to the City for golf carts, bicycles and pedestrians. The abandoned railroad trestle bridge is a vital and necessary nexus for all three pathways for crossing the Alamo River. Obviously the City has dedicated resources to the construction of the recreational facility and would like to retain the facility for its citizens' use.

Alternative Use: Essentially none. The cost to refit the abandoned railroad trestle bridge for any use more substantial than those mentioned above would be cost prohibitive.

Grants & Resolutions Pertaining to this Property: Various. Please see Appendix A - "Trail Grants" and Appendix B "Bike & NEV Path" for specific information.

LRPMP Property ID#: 5
Description: *Earl Walker Park*



Address / Location:	SR 115 & Olive Avenue SBE 832-13-3D-19 BLK 124-125 & 126	Appraised Value at Acquisition:	Unknown
APN:	045-244-001	Acquired:	Donated in 2005
Acres	4.82 Acres	Current Value:	Unknown
Property Type:	Park/Open Space	Desired Conversion:	Transfer to City of Holtville
Current Use:	Recreation	Annual Revenue:	\$0
Zoning	CF - Community Facilities	Historical Use:	Park for many years

Reason Necessitating Transfer: The subject property was long ago designated as a park/recreation facility. Originally under the auspices of the County of Imperial, the park came under the control of the City of Holtville in 2005. It has been developed over the years as a park and the Alamo River Trail (recently renamed the "Pete Mellinger Alamo River Trail") passes directly through the facility. Prior to the RDA dissolution, the planning and grant process had begun on this and linked properties for construction of the Trail. Phased construction of the Trail began in 2013, and has now been substantially completed.

Additionally, this property is integrated in both the Bicycle Master Plan and a conceptual plan for an Electric Vehicle path that would connect the Imperial Palms Resort Country Club, located just outside the City limits, to the City for golf carts, bicycles and pedestrians. The abandoned railroad trestle bridge is a vital and necessary nexus for all three pathways for crossing the Alamo River. Obviously the City has dedicated resources to the construction of the recreational facility and would like to retain the facility for its citizens' use.

Alternative Use: Irrelevant. This is a historical park and will stay so.

Grants & Resolutions Pertaining to this Property: Various. Please see Appendix A - "Trail Grants" for specific information.

LRPMP Property ID#: 6

Description: *Holtville Fire Station*



Address / Location: 549 Fern Avenue
APN: 045-261-039
Acres: 0.05 Acres
Property Type: Police/Fire Station
Current Use: Public Safety - Fire Station
Zoning: RC - Commercial Mixed Used

Appraised Value at Acquisition: Unknown

Acquired: Donated in 2002

Current Value: \$162,250

Curr Value Basis: 2013 Estimate

Desired Conversion: Transfer to City of Holtville

Annual Revenue: \$0

Reason Necessitating Transfer: The subject property houses the Holtville Fire Station and is therefore absolutely necessary for public safety.

Alternative Use: Irrelevant. This property houses the Holtville Fire Station and is therefore absolutely necessary for public safety.

LRPMP Property ID#: 7

Description: *Alamo River Recreation Trail (Constructed) & Bicycle Plan Path*



Address / Location:	On SR115 Between Olive & Palm Avenues	Appraised Value at Acquisition:	\$156,000
APN:	045-281-004	Acquired:	2007
Acres	2.07 Acres	Current Value:	\$28,080
Property Type:	Recreation and Parking Area	Curr Value Basis:	2013 Estimate
Current Use:	Recreation	Desired Conversion:	Transfer to City of Holtville for Future Development
Zoning	DB - Downtown "B"	Annual Revenue:	\$0

Reason Necessitating Transfer: The subject property currently serves as one of two trailheads for the Alamo River Recreation Trail. As a trailhead, the lot is now used for parking and to marshal participants in multiple annual cross-country meets. The running community in the entire County has become enamored of the Trail as it has been put into use & to restrict that use would be bad for the City.

Additionally, this property is integrated in both the Bicycle Master Plan and a conceptual plan for a Neighborhood Electric Vehicle path that would connect the Imperial Palms Resort Country Club, located just outside the City limits, to the City for golf carts, bicycles and pedestrians. The abandoned railroad trestle bridge is a vital and indispensable nexus for all three pathways for crossing the Alamo River. If the NEV path were to come to fruition, it would be necessary to redirect those vehicles to the City's road system without travelling on SR115. The logical transition would be to create a path through the west side of the property to connect to Olive Avenue at Fifth Street (the northeast corner of the trailer park to the parcel's immediate north.) Obviously the City has dedicated resources to the construction of the recreational facility and would like to retain the property for its citizens' use.

A Compensation Agreement has been drafted and has been preliminarily presented to the other Taxing Entities for comment.

Alternative Use: Essentially none. The parcel is not large enough to accommodate a structure as well as the required parking dictated by the City standards.

Grants & Resolutions Pertaining to this Property: Various. Please see Appendix A - "Trail Grants" and Appendix B "Bike & NEV Path" for specific information.

LRPMP Property ID#: 8-11

Description: *Fourth Street Mixed Use Properties*



LRPMP ID #	Address / Location	APN	Acres	Appraised Value @ 2007 Acquisition	2013 Estimated Value
8	N Side of Fourth-Fern to Orange	045-292-016	1.10	\$112,500	\$20,347
9	N Side of Fourth-alley to Walnut Ave	045-293-006	0.53	\$52,500	\$9,803
10	N Side of Fourth-Orange Ave to alley	045-293-007	0.53	\$52,500	\$9,802
11	N of Fourth Street, Maple to Walnut	045-294-004	0.38	\$31,500	\$7,029

Info

Property Type: Vacant Lot/Land **Zoning:** IL - Light Industrial
Current Use: Vacant (Former UPRR Rail Line) **Annual Revenue:** \$0
Recommended Conversion: Transfer to City of Holtville for Future Development

Transfer Strategy: The subject properties were purchased with the intent to rehabilitate them, as they were unmaintained and an eyesore, and make them available for future development. As this is still the intent of the Successor Agency and City, it is logical to enter into a Compensation Agreement with the other Taxing Entities in the old RDA waterfall. As the market is currently somewhat "soft," it is the hope of the City that the properties can be held until such time as a project is presented that provides adequate compensation and/or great community benefit for the use of the properties.

A Compensation Agreement has been drafted and has been preliminarily presented to the other Taxing Entities for comment.

Sale Strategy: Inquiries for the subject properties have been limited over the past few years, but with the current market improving, those would merit response. Additionally, some ideas for development have come to the City without attached property. Once the control of these properties is clarified, those opportunities might be directed toward them. Once again, however, it is the intent of the City that the properties can be held until such time as a project is presented that provides adequate compensation and/or great community benefit for the use of the properties.

LRPMP Property ID#: 12

Description: *Vicinity of City Limits Entry Monument Sign*



Address / Location:	SW Corner of Orchard Road & Fourth Street	Appraised Value at Acquisition:	\$52,500
APN:	045-330-060	Acquired:	2007
Acres	0.76 Acres	Current Value:	\$9,450
Property Type:	Park/Open Space	Curr Value Basis:	2013 Estimate
Current Use:	Government Use	Desired Conversion:	Transfer to City of Holtville
Zoning	OS - Open Space	Annual Revenue:	\$0

Reason Necessitating Transfer: The subject property is immediately adjacent to the Alamo River encompassing a small section of land adjacent to a "Welcome to Holtville" sign and the embankment on the south edge leading to the River that is approximately 30 feet in height. This parcel is an integral part of the City of Holtville's 2010 Storm Water Pollution Prevention Plan, including the main outflow pipe that conducts the runoff to the River. Obviously the City needs to retain the area to insure that this runoff is preserved, as well as the ability to maintain the integrity of a prime entry corridor to town for control of brush and debris. Additionally, trees have been planted and maintained by the Parks staff for erosion control on the embankment on an ongoing basis.

Alternative Use: Essentially none. The subject property consists of unuseable land (aforementioned approximate 30 foot embankment and only a small patch of flat land). Structures are not feasible.

Grants & Resolutions Pertaining to this Property: Various. Please see Appendix C - "Storm Water Pollution Prevention Plan for specific information.



Before the SWPPP implementation, brush needed to be removed in addition to the erosion that had impacted the site.



After the SWPPP implementation, the site was cleared of brush and the ground was leveled and silt fencing was placed in order to prevent further erosion to the site.



Before the SWPPP implementation, the site had dry brush and debris.



After the SWPPP implementation, the site was cleared of brush and debris and the ground was leveled.



Before the SWPPP implementation, the site had dry brush and debris.



After the SWPPP implementation, the site was cleared of brush and debris and the ground was leveled.

Appendix A

Trail Grants

RESOLUTION NO. 04-20

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HOLTVILLE,
APPROVING THE APPLICATION FOR GRANT FUNDS FROM THE
RECREATIONAL TRAILS PROGRAM.**

WHEREAS, the Transportation Equity Act for the 21st Century provides funds to the State of California for grants to state, local and non-profit organizations to acquire, develop or maintain motorized and non-motorized trail purposes; and

WHEREAS, the State Department of Parks and Recreation has been delegated the responsibility for the administration of the program within the State, setting up necessary procedures governing project application under the program; and

WHEREAS, said procedures established by the State Department of Parks and Recreation requires the City of Holtville to certify by resolution the approval of the application before submission of said application to the State; and

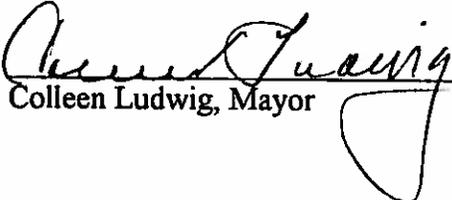
WHEREAS, the City of Holtville will enter into an agreement with the State of California to complete the project:

NOW, THEREFORE, BE IT RESOLVED that the Council of the City of Holtville hereby:

1. Approves the filing of an application for the Recreational Trails Program; and
2. Certifies that said applicant has or will have available prior to commencement of any work on the project included in this application, sufficient funds to operate and maintain the project; and
3. Appoints the City Manager as agent of the City of Holtville to conduct all negotiations, execute and submit all documents, including but not limited to application, agreements, amendments, payment requests and so on, which may be necessary for the completion of the aforementioned project.

APPROVED, PASSED AND ADOPTED at a regular meeting of the Holtville City Council of the City of Holtville, held on this 27th day of September 2004.

CITY OF HOLTVILLE, CALIFORNIA


Colleen Ludwig, Mayor

ATTEST:



Denise Toth, City Clerk

Resolution No: 04-21

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HOLTVILLE APPROVING THE APPLICATION FOR GRANT FUNDS FOR THE LOCAL AGENCY GRANT PROGRAM - FISCAL YEAR 2004/2005 UNDER THE HABITAT CONSERVATION FUND PROGRAM OF THE CALIFORNIA WILDLIFE PROTECTION ACT OF 1990 for the following project(s):

Alamo River Nature Trail

WHEREAS, the people of the State of California have enacted the California Wildlife Protection Act of 1990, which provides funds to the State of California for grants to local agencies to acquire and/or develop facilities for public recreational and fish and wildlife habitat protection purposes; and

WHEREAS, the State Department of Parks and Recreation has been delegated the responsibility for the administration of a portion of the program within the State, setting up necessary procedures governing application by local agencies under the program; and

WHEREAS, said procedures established by the State Department of Parks and Recreation require the applicant to certify by resolution the approval of application(s) before submission of said application(s) to the State; and

WHEREAS, said application(s) contain assurances that the applicant must comply with; and

WHEREAS, the applicant will enter into an agreement with the State of California for acquisition or development of the project(s);

NOW, THEREFORE, BE IT RESOLVED that the Holtville City Council hereby:

1. Approves the filing of an application for the Habitat Conservation Fund Grant Program under the California Wildlife Protection Act of 1990 State grant assistance for the above project(s); and
2. Certifies that said applicant understands the assurances and certification in the application form; and
3. Certifies that said applicant has or will have available prior to commencement of any work on the project(s) included in this application, the required match; and will have sufficient funds to operate and maintain the project(s); and
4. Appoints the City Manager, as agent of the City of Holtville to conduct all negotiations, execute and submit all documents, including, but not limited to applications, agreements, amendments, payment requests and so on, which may be necessary for the completion of the aforementioned project(s).

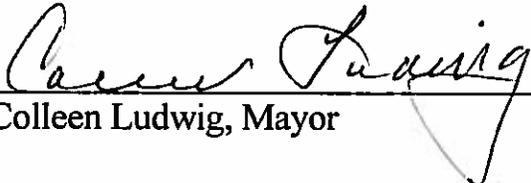
Approved and Adopted the 27th day of September, 2004.

I, the undersigned, hereby certify that the foregoing Resolution Number was duly adopted by the City Council of the City of Holtville following roll call vote:

Ayes:

Noes:

Absent:



Colleen Ludwig, Mayor



Denise Toth, City Clerk

RESOLUTION NO. 08-05

**A RESOLUTION OF THE HOLTVILLE REDEVELOPMENT AGENCY
APPROVING A CONTRIBUTION IN THE AMOUNT OF \$58,700.00 IN
SUPPORT OF AN APPLICATION FOR GRANT FUNDS FROM THE
DEPARTMENT OF PARKS AND RECREATION
RECREATIONAL TRAILS PROGRAM**

WHEREAS, The City Council of the City of Holtville has approved an application for funding from the State Department of Parks and Recreation in the amount of \$489,170 for the Alamo River Recreational Trail; and

WHEREAS, The proposed Project requires a 12% matching contribution; and

WHEREAS, the proposed Project is within the Redevelopment Project Area and will aide in the elimination of blight; and

WHEREAS, the project is an approved Capital Improvement Project where RDA Capital funds would be an appropriate use for the proposed project; and

THEREFORE, The Holtville Redevelopment Agency commits to provide \$58,700.00 in leveraging funds from RDA Capital Money for the Alamo River Recreation Trail Grant Application under the State's Recreational Trail Program.

PASSED, ADOPTED AND APPROVED by the Holtville Redevelopment Agency, this 22nd day of September 2008.


Richard Layton, Chairman


Glyn Snyder, Secretary

I, Glyn Snyder, Secretary of the Redevelopment Agency of the City of Holtville, **DO HEREBY CERTIFY** that the foregoing resolution was duly passed, approved, and adopted by the Redevelopment Agency of said City of Holtville at a regular meeting thereof held on the 22nd day of September 2008, and that the same was approved by the Chairman of said City of Holtville on said date, and that the same was adopted by the following roll call vote:

AYES: 3
NOES: 0
ABSENT: 2
ABSTAIN 0


Glyn Snyder, City Clerk

RESOLUTION NO. 11-32

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HOLTVILLE
APPROVING THE APPLICATION FOR GRANT FUNDS FROM THE HABITAT
CONSERVATION FUND PROGRAM**

WHEREAS, the people of the State of California have enacted the California Wildlife Protection Act of 1990, which provides funds to the State of California for grants to local agencies to acquire, enhance, restore or develop facilities for public recreation and fish and wildlife habitat protection purposes; and

WHEREAS, the State Department of Parks and Recreation has been delegated the responsibility for the administration of the HCF Program, setting up necessary procedures governing project application under the HCF Program; and

WHEREAS, said procedures established by the State Department of Parks and Recreation require the applicant to certify by resolution the approval of application(s) before submission of said application(s) to the State; and

WHEREAS, the applicant will enter into a contract with the State of California to complete the project(s);

NOW, THEREFORE, BE IT RESOLVED that the Holtville City Council hereby:

1. Approves the filing of an application for the Habitat Conservation Fund Program; and
2. Certifies that said applicant has or will have available, prior to commencement of any work on the project included in this application, the required match and sufficient funds to complete the project; and
3. Certifies that the applicant has or will have sufficient funds to operate and maintain the project(s); and
4. Certifies that the applicant has reviewed, understands, and agrees to the provisions contained in the contract shown in the grant administration guide; and
5. Delegates the authority to the City Manager to conduct all negotiations, execute and submit all documents, including, but not limited to applications, agreements, amendments, payment requests and so on, which may be necessary for the completion of the project.
6. Agrees to comply with all applicable federal, state and local laws, ordinances, rules, regulations and guidelines.

APPROVED AND ADOPTED at the regular meeting of the City Council of the City of Holtville, California held on this 26th day of September 2011


David Bradshaw, Mayor

I, Glyn Snyder, City Clerk of the City of Holtville, DO HEREBY CERTIFY that the foregoing resolution was duly passed, approved, and adopted by the City Council of said City of Holtville at a regular meeting thereof held on the 26th day of September 2011, and that the same was approved by the Mayor of the City of Holtville on said date, and that the same was adopted by the following roll call vote:

AYES: 5
NOES: 0
ABSENT: 0
ABSTAIN: 0

ATTEST:


Glyn Snyder, City Clerk

RESOLUTION CC 12-05

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HOLTVILLE APPROVING AN AWARD OF CONTRACT FOR PROFESSIONAL DESIGN/ENGINEERING SERVICES FOR THE ALAMO RIVER RECREATIONAL TRAIL PROJECT

WHEREAS, the City of Holtville has received a Department of Parks and Recreation, Recreational Trail Program (RTP), Grant in the amount of \$430,468.00 for the construction of 0.53 miles of trail along the Alamo River identified under the Regional Transportation Plan, and

WHEREAS, the Holtville Redevelopment Agency (RDA) had committed \$58,700.00 via Resolution 08-05 in leveraging funds for the Alamo River Recreation Trail Grant Application under the State's Recreational Trail Program for an estimated project budget of \$498,168.00; and

WHEREAS, the City of Holtville wishes to substitute the pledged \$58,700 of RDA funds with funds from the Local Transportation Account as an eligible Regional Transportation Project; and

WHEREAS, a Request for Proposals in The Desert Sun, Imperial Valley Press, and Holtville Tribune was advertised for professional services, including plans and specifications, bidding, and the provision of construction management services during the construction of the trail along the Alamo River; and

WHEREAS, the proposal submitted by Mia Lehrer + Associates was reviewed and city staff has determined Mia Lehrer + Associates is the most qualified, responsive, responsible proponent; and

WHEREAS, the proposal amount is for \$134,325 which exceeds the budget by approximately \$42,210; and

WHEREAS, the Local Transportation Account has sufficient funds to cover the excess amount over budget in addition to the leveraged funds; and

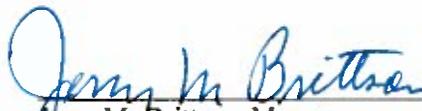
NOW THEREFORE, BE IT RESOLVED that the City Council of the City of Holtville hereby awards a contract in the amount of \$134,325 to Mia Lehrer + Associates for Professional Design/Engineering Services for the Alamo River Recreational Trail Project.

PASSED, APPROVED, AND ADOPTED at a regular meeting of the City Council of the City of Holtville held on the 23rd day of January 2012 by the following vote:

AYES: 5

NOES: 0

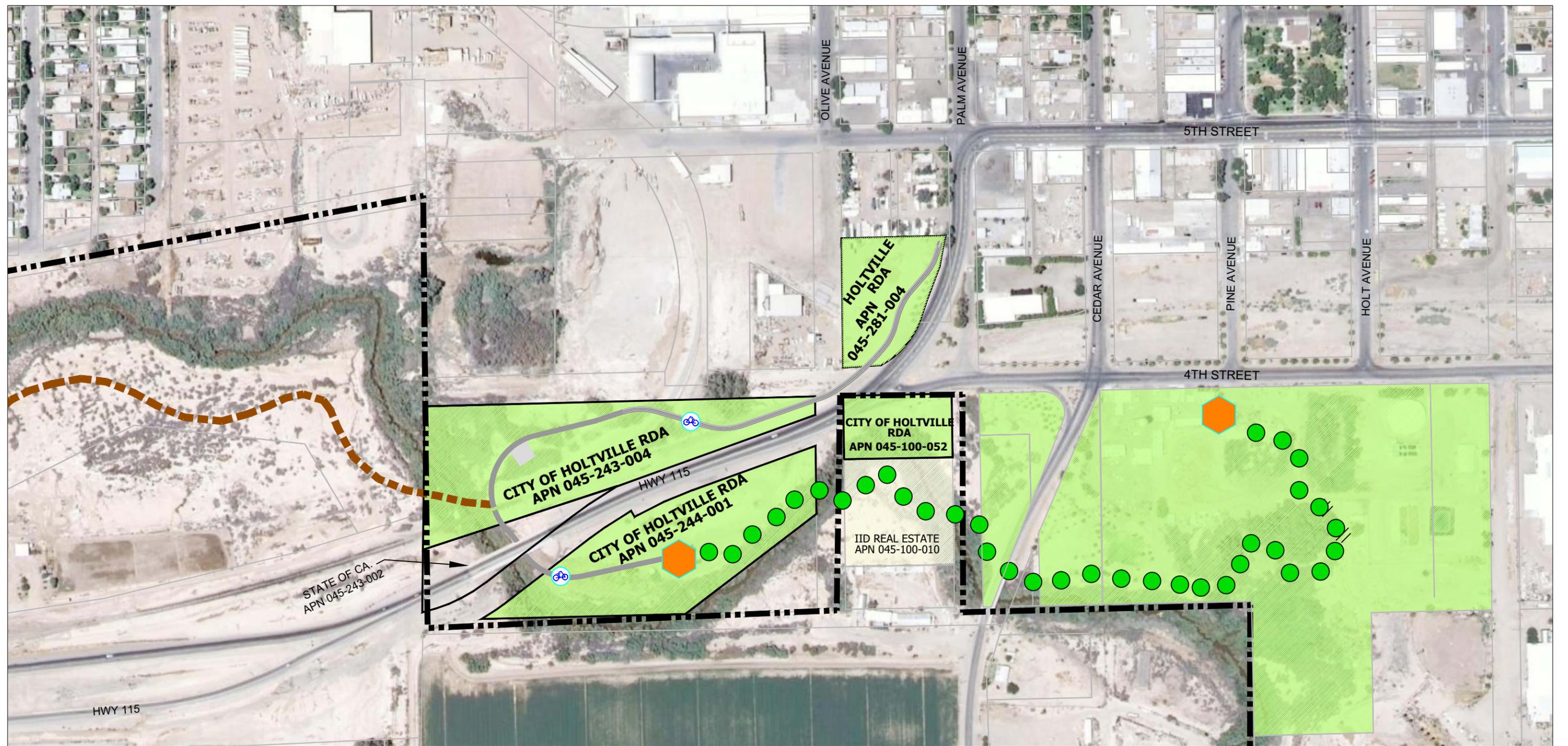
ABSENT: 0


Jerry M. Brittsan, Mayor
City of Holtville

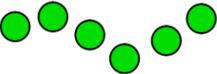
I, Glyn Snyder, City Clerk of the City of Holtville, DO HEREBY CERTIFY that the foregoing resolution was duly passed, approved, and adopted by the City Council of said City of Holtville at a regular meeting thereof held on the 23rd day of January 2012, and that the same was approved by the Mayor of said City of Holtville on said date, and that the same was adopted by the following roll call vote:

ATTEST:

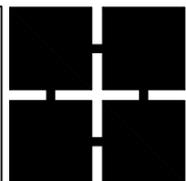

Glyn Snyder, City Clerk



LEGEND:

-  CITY LIMITS
-  RDA PROPERTIES
-  IID REAL ESTATE PROPERTY WITH EASEMENT
-  EXISTING CLASS I BICYCLE PATH
-  TRAIL LINKAGE
-  PROPOSED WETLAND TRAIL
-  ALAMO RIVER RECREATIONAL TRAIL PHASE I

The Holt Group, Inc.
ENGINEERING PLANNING SURVEYING



NOT TO SCALE

REGISTERED OWNERS ALONG ALAMO RIVER LINKAGE
HOLTVILLE, CA.

APN MAP

1601 NORTH IMPERIAL AVENUE EL CENTRO, CALIFORNIA 92243

760-337-3883

PROJECT NO
116.047

DATE:
3/3/2011

Another Phase Completed For The Alamo River Project



EARL WALKER PARK and the Alamo River Trail are starting to take shape as another one of the projects has been completed.



DECORATIVE ROCKS HAVE been put in place the next phase will include more landscaping and moving into the river area.



TREES AND PARK benches have been installed giving visitors a place to picnic and to enjoy a nice rural environment.



WORKOUT STATIONS HAVE also been installed for those that are ready to get out and get healthy; the trail will be a nice place to accomplish that.



A BIKE ROUTE has been included into the trail and when finished it will allow riders to travel into the Holtville Wetlands and other parts of Holtville.



THE TRAIL HAS already been used by the Holtville High School Cross Country Track Team for meets and for 5k Races. *Photos by Jim Predmore*

Multi-Link & Habitat Conservation Zone

APN: 045-243-004

Property Detail Report

For Property Located At



CoreLogic

RealQuest Professional

,, CA

Owner Information:

Owner Name: **CITY HOLTVILLE COMMUNITY REDEVELOPMENT AGENCY**
 Mailing Address: **121 W 5TH ST, HOLTVILLE CA 92250-1213 C003**
 Phone Number: **(760) 356-4574** Vesting Codes: **//**

Location Information:

Legal Description: **SBE 832-13-3H-28 -3H-29 & 3H-30 OF BLKS 124 125 & 126 TSTE**
 County: **IMPERIAL, CA** APN: **045-243-004-000**
 Census Tract / Block: **109.00 / 5** Alternate APN: **045-243-04-01**
 Township-Range-Sect: Subdivision: **HOLTVILLE**
 Legal Book/Page: Map Reference: **/**
 Legal Lot: Tract #: **/**
 Legal Block: **124** School District: **H HOLTVILLE U**
 Market Area: Munic/Township:
 Neighbor Code:

Owner Transfer Information:

Recording/Sale Date: **01/02/2008 / 11/16/2007** Deed Type: **QUIT CLAIM DEED**
 Sale Price: 1st Mtg Document #:
 Document #: **1**

Last Market Sale Information:

Recording/Sale Date: **/** 1st Mtg Amount/Type: **/**
 Sale Price: 1st Mtg Int. Rate/Type: **/**
 Sale Type: 1st Mtg Document #: **/**
 Document #: 2nd Mtg Amount/Type: **/**
 Deed Type: 2nd Mtg Int. Rate/Type: **/**
 Transfer Document #: Price Per SqFt:
 New Construction: Multi/Split Sale:
 Title Company:
 Lender:

Prior Sale Information:

Prior Rec/Sale Date: **/** Prior Lender:
 Prior Sale Price: Prior 1st Mtg Amt/Type: **/**
 Prior Doc Number: Prior 1st Mtg Rate/Type: **/**
 Prior Deed Type:

Property Characteristics:

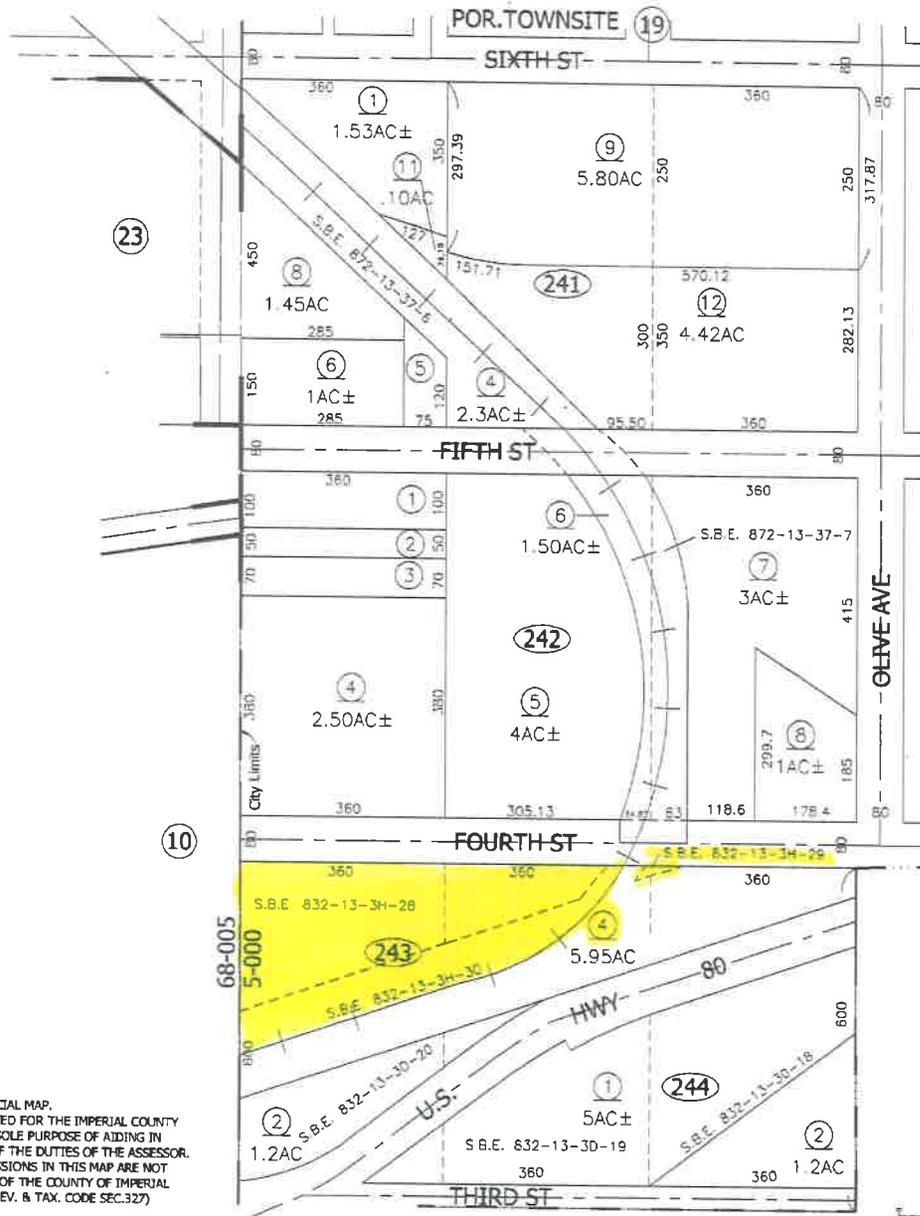
Year Built / Eff: /	Total Rooms/Offices:	Garage Area:
Gross Area:	Total Restrooms:	Garage Capacity:
Building Area:	Roof Type:	Parking Spaces:
Tot Adj Area:	Roof Material:	Heat Type:
Above Grade:	Construction:	Air Cond:
# of Stories:	Foundation:	Pool:
Other Improvements:	Exterior wall:	Quality:
	Basement Area:	Condition:

Site Information:

Zoning:	Acres: 5.92	County Use: SCHOOL AGRIC (XSB)
Flood Zone:	Lot Area: 257,875	State Use:
Flood Panel:	Lot Width/Depth: x	Site Influence:
Flood Panel Date:	Commercial Units:	Sewer Type:
Land Use: SCHOOL	Building Class:	Water Type:

Tax Information:

Total Value:	Assessed Year:	Property Tax:
Land Value:	Improved %:	Tax Area: 005000
Improvement Value:	Tax Year:	Tax Exemption:
Total Taxable Value:		



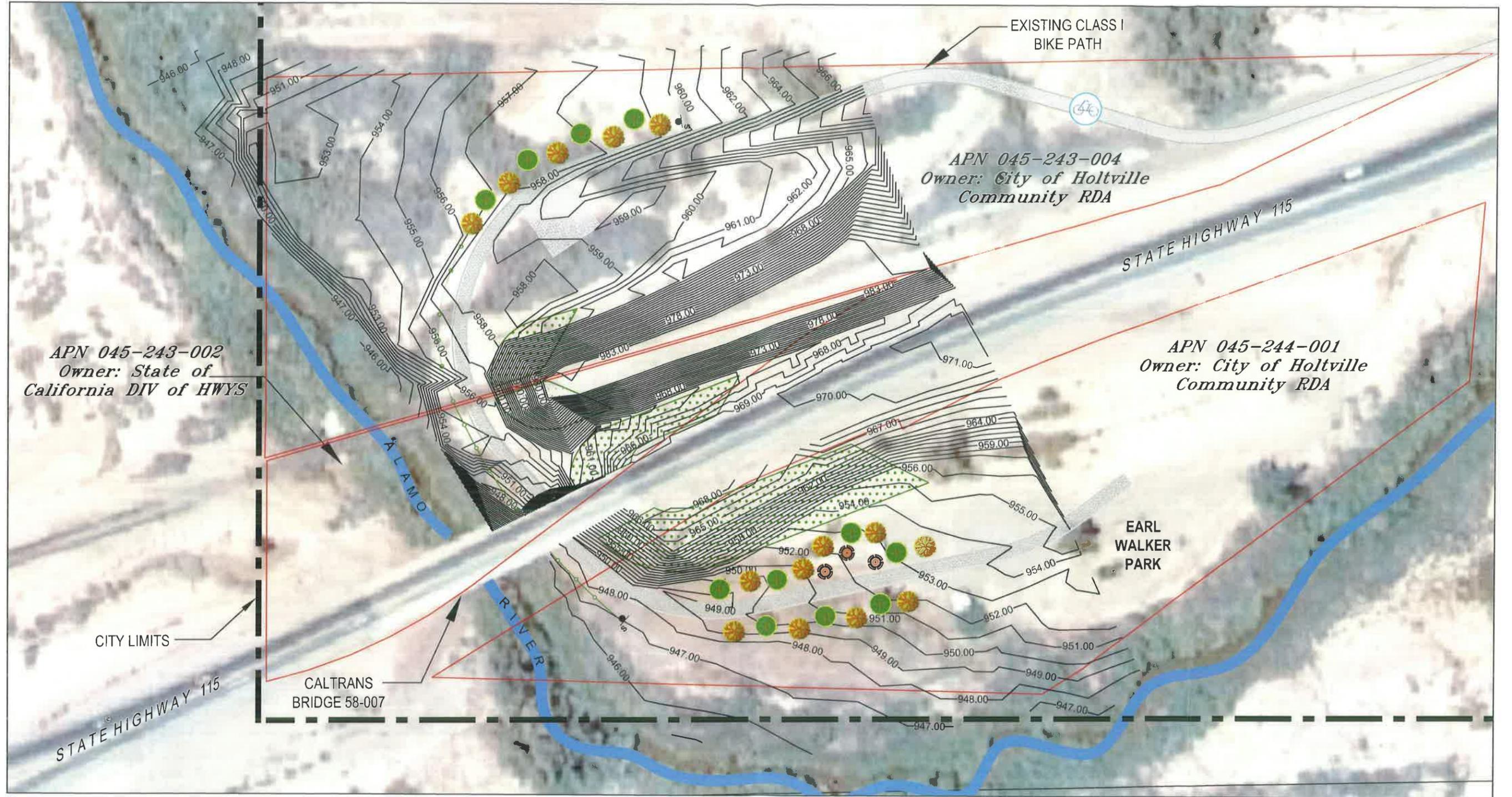
Tax Area Code
5-000

45-24

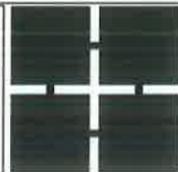


DISCLAIMER:
 THIS IS NOT AN OFFICIAL MAP.
 THIS MAP WAS CREATED FOR THE IMPERIAL COUNTY
 ASSESSOR, FOR THE SOLE PURPOSE OF AIDING IN
 THE PERFORMANCE OF THE DUTIES OF THE ASSESSOR.
 ANY ERRORS OR OMISSIONS IN THIS MAP ARE NOT
 THE RESPONSIBILITY OF THE COUNTY OF IMPERIAL
 OR THE ASSESSOR. (REV. & TAX. CODE SEC.327)

CITY OF HOLTVILLE
 Assessor's Map Bk.45-Pg.24
 County of Imperial, Calif.



The Holt Group, Inc.
ENGINEERING PLANNING SURVEYING



1"=80'

ALAMO RIVER CONSERVATION PROJECT AT BRIDGE 58-007
TOPOGRAPHIC MAP
HOLTVILLE, CA

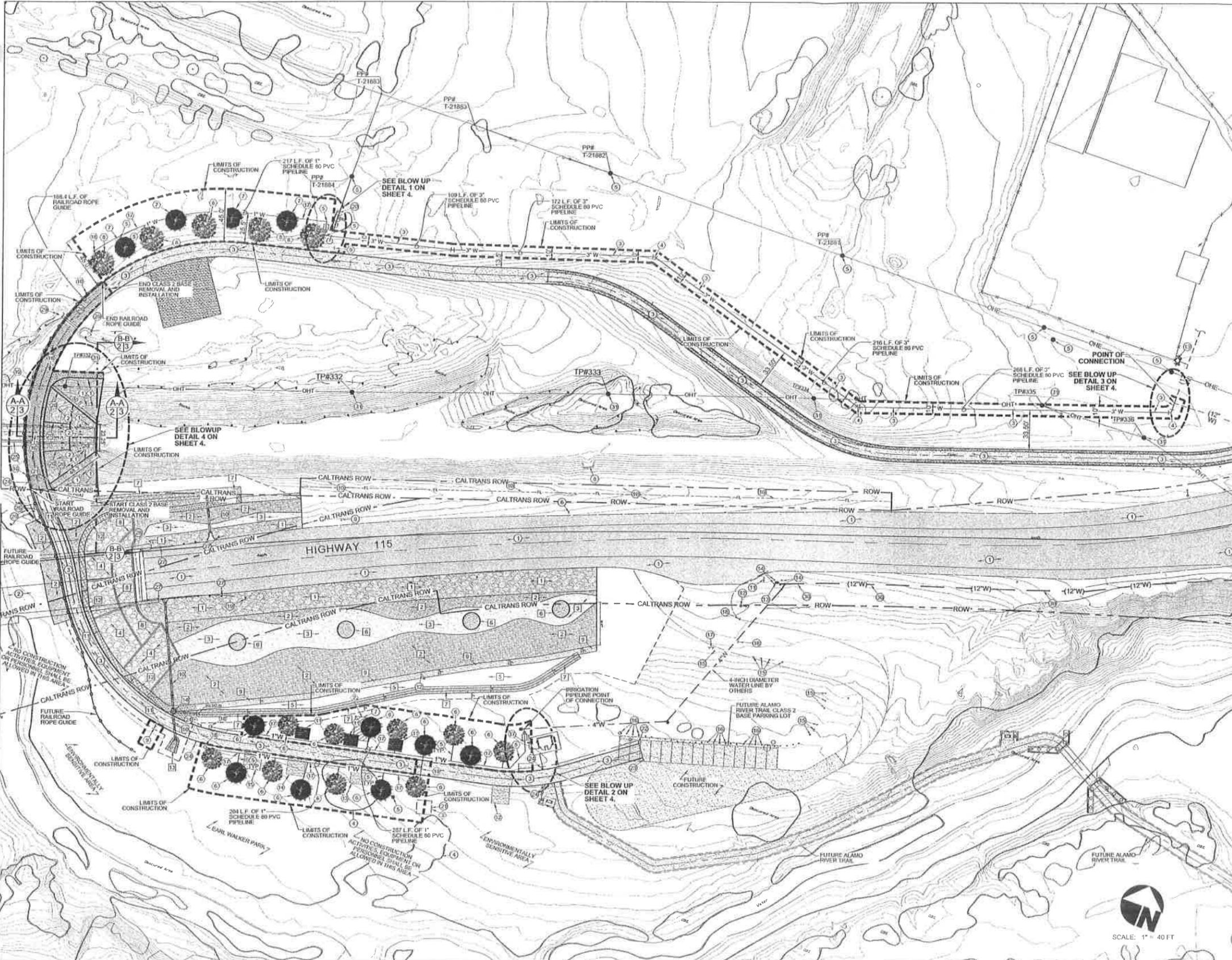
ATTACHMENT 8

1601 NORTH IMPERIAL AVENUE EL CENTRO, CALIFORNIA 92243

760-337-3883

PROJECT NO
THG 116.351P

DATE:
02-15-2012



- EXISTING FACILITY KEYNOTES**
- 1 EXISTING A.C. PAVEMENT TO REMAIN.
 - 2 EXISTING ALAMO RIVER BRIDGE TO REMAIN.
 - 3 EXISTING BICYCLE PATH TO REMAIN.
 - 4 EXISTING TREE TO REMAIN.
 - 5 EXISTING POWER POLE TO REMAIN.
 - 6 EXISTING CURVE AHEAD REDUCE SPEED TO 35 MPH SIGN TO REMAIN.
 - 7 EXISTING SHED WITH GRILL AREA TO REMAIN.
 - 8 EXISTING WOOD REMNANTS OF ABANDON RAILROAD TRACKS.
 - 9 EXISTING START OF CENTER DIVIDER HIGHWAY AHEAD SIGN.
 - 10 EXISTING SWALE TO REMAIN.
 - 11 EXISTING "NEXT SERVICES 45 MILES" SIGN TO REMAIN.
 - 12 EXISTING LIGHT POLE TO REMAIN.
 - 13 EXISTING FIRE HYDRANT TO REMAIN.
 - 14 EXISTING DOLLARD TO REMAIN.
 - 15 EXISTING 8-INCH DIAMETER WOOD POST TO REMAIN.
 - 16 EXISTING 8-INCH STEEL CYLINDER POSTS TO REMAIN.
 - 17 EXISTING COUNTY OF IMPERIAL EARL PARK SIGN TO REMAIN.
 - 18 EXISTING GALVANIZED UNISTRUT POST TO REMAIN.
 - 19 EXISTING 2 INCH REFLECTOR POST TO REMAIN.
 - 20 EXISTING GUY WIRE TO REMAIN.
 - 21 EXISTING P.C.C. CONCRETE SLAB REMNANTS OF ABANDON PARK RESTROOMS.
 - 22 EXISTING BIKE ROUTE SIGN TO REMAIN.
 - 23 EXISTING END OF BIKE ROUTE TO REMAIN.
 - 24 EXISTING BIKE PATH NO MOTOR VEHICLES OR MOTORIZED BICYCLES SIGN TO REMAIN.
 - 25 EXISTING RAILROAD TRACKS BRIDGE TO REMAIN.
 - 26 EXISTING 24 INCH DIAMETER STORMDRAIN PIPE TO REMAIN.
 - 27 EXISTING GUARD RAIL TO REMAIN.
 - 28 EXISTING ALAMO RIVER BRIDGE SIGN TO REMAIN.
 - 29 EXISTING RIP RAP TO REMAIN.
 - 30 EXISTING 12-INCH AWWA C-900 DR14 PVC DOMESTIC WATER PIPELINE.
 - 31 EXISTING TELEPHONE POLES TO REMAIN.

- CONSTRUCTION KEYNOTES**
- 1 INSTALL 6 INCHES OF GRAY GRAVEL MULCH. THE COLOR OF THE GRAVEL MULCH SHALL BE APPROVED BY THE CITY OF HOLTVILLE PRIOR TO COMMENCING CONSTRUCTION. SEE DETAIL A ON SHEET 5.
 - 2 INSTALL ROCK BLANKET PER DETAILS "B" AND "C" ON SHEET 5 AND SECTION A-A ON SHEET 3.
 - 3 INSTALL NEW 3-INCH DIAMETER SCHEDULE 80 PVC WATER PIPELINE. SEE TRENCH DETAIL D ON SHEET 5.
 - 4 INSTALL NEW 3-INCH DIAMETER SCHEDULE 80 PVC 45 DEGREE ELBOW.
 - 5 INSTALL NEW PIPE AND FITTINGS INCLUDING PIPING TO INDIVIDUAL TREES PER BLOW UP DETAILS 1 & 2 ON SHEET 4.
 - 6 INSTALL NEW 36" BOX REDWOOD ASH TREE PER DETAILS "E" AND "F" ON SHEET 5. ALL TREES SHALL BE APPROVED BY THE CITY OF HOLTVILLE PRIOR TO COMMENCING CONSTRUCTION.
 - 7 INSTALL NEW 31" BOX THORNLESS MESQUITE TREE PER DETAILS "E" AND "F" ON SHEET 5. ALL TREES SHALL BE APPROVED BY THE CITY OF HOLTVILLE PRIOR TO COMMENCING CONSTRUCTION.
 - 8 INSTALL NEW 36" BOX DRIVE ELM TREE PER DETAILS "E" AND "F" ON SHEET 5. ALL TREES SHALL BE APPROVED BY THE CITY OF HOLTVILLE PRIOR TO COMMENCING CONSTRUCTION.
 - 9 INSTALL NEW ALAMO RIVER TRAIL INTERPRETIVE SIGN PER DETAIL G ON SHEET 6.
 - 10 INSTALL NEW RAILROAD ROPE GUIDE PER DETAIL H ON SHEET 6.
 - 11 INSTALL NEW PICNIC TABLE PER DETAIL I ON SHEET 6.
 - 12 INSTALL NEW PARK BOUNDING BARS PER DETAIL J ON SHEET 6.
 - 13 INSTALL HORIZONTAL LADDER BARS PER DETAIL K ON SHEET 6.
 - 14 INSTALL PUSH UP BARS PER DETAIL L ON SHEET 6.
 - 15 INSTALL BALANCE BEAMS PER DETAIL M ON SHEET 6.
 - 16 AT THE CONCLUSION OF THE CONSTRUCTION OF THE GRAVEL MULCH AND ROCK BLANKET THE CONTRACTOR SHALL REMOVE 3 INCHES OF THE EXISTING CLASS 2 BASE MATERIAL WITHIN THE FIRE LANE AS ILLUSTRATED BY THE DIMENSIONAL HATCHED AREA. THE CONTRACTOR SHALL THEN INSTALL 3 INCHES OF NEW VIRGIN CLASS 2 BASE MATERIAL. THE CONTRACTOR SHALL COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557. SEE SECTION A-A ON SHEET 3.
 - 17 INSTALL 1-INCH DIAMETER SCHEDULE 80 PVC IRRIGATION PIPELINE. THE DEPTH OF THE 1-INCH DIAMETER SCHEDULE 80 PVC PIPELINE SHALL BE MAINTAINED AT A MINIMUM 16 INCHES BELOW FINISH GRADE. SEE DETAIL D ON SHEET 5.
 - 18 INSTALL HUNTER 3/4" QUICK-COUPLING VALVE - HQ-33DRC - WITH DURAL 3/4"x1" TRIPLE SWING JOINT.
 - 19 CONTRACTOR TO DRY BORE OR DIRECTIONAL BORE 1-INCH SCHEDULE 80 PVC WATER PIPELINE BENEATH EXISTING ROAD. OPEN CUTTING OF SURFACE SHALL NOT BE ALLOWED.
 - 20 INSTALL 12" WIDE REINFORCED P.C.C. INTERIOR HEADERS PER DETAIL C ON SHEET 5.
 - 21 EXISTING SIGN TO BE RELOCATED TO A LOCATION DESIGNATED BY THE ENGINEER.

- DEMOLITION KEYNOTES**
- 1 THE CONTRACTOR SHALL CLEAR AND GRUB ALL OBSTACLES ON VEGETATION ON THE EXISTING SLOPE. ALL TRASH, CONSTRUCTION DEBRIS, CONCRETE SLABS, OLD PAVEMENT, LANDFILL AND BURIED OBSTRUCTIONS SUCH AS OLD FOUNDATIONS AND UTILITY LINES EXPOSED DURING ROUGH GRADING SHOULD BE TRACED TO THE LIMITS OF THE FOREMAN MATERIALS REMOVED UNDER THE CONTRACTOR AND REMOVED UNDER THE GEOTECHNICAL ENGINEER'S SUPERVISION. ANY EXCAVATIONS RESULTING FROM SITE CLEANING SHOULD BE SLOPED TO A BOWL SHAPE TO THE LOWEST DEPTH OF DISTURBANCE AND BACKFILLED UNDER THE ENGINEER'S SUPERVISION. THE CONTRACTOR SHALL GRADE THE EXISTING EMBANKMENT SLOPES AS ILLUSTRATED BY THE GRASSES ON THIS SHEET 3 AND SECTIONS A-A AND B-B ON SHEET 3. THE SURFACE SOIL SHALL BE SCAPED TO A DEPTH OF 3-INCHES UNIFORMITY AND RECONDITIONED TO 2 TO 4% ABOVE OPTIMUM MOISTURE CONTENT. THE SOIL SHALL BE RECOMPACTED TO A MINIMUM OF 90% MAXIMUM DENSITY PER ASTM D-1557.
 - 2 REMOVE AND DISPOSE OF EXISTING SHADE STRUCTURE BY OTHERS.
 - 3 REMOVE AND DISPOSE OF EXISTING P.C.C. CONCRETE SLAB BY OTHERS.

- FUTURE KEYNOTES**
- 1 FUTURE CLASS 2 BASE MATERIAL.
 - 2 FUTURE GRAY GRAVEL MULCH MATERIAL.
 - 3 FUTURE SEDONA RED COLOR GRAVEL MULCH MATERIAL.
 - 4 FUTURE ROCK BLANKET MATERIAL.
 - 5 FUTURE BONDED FIBER MATRIX COATED NATIVE MATERIAL.
 - 6 FUTURE P.C.C. COLORED CONCRETE LOGO SLAB.
 - 7 FUTURE ROCK SWALE.
 - 8 FUTURE HEADER.
 - 9 FUTURE 5-FOOT WIDE CLASS 2 MATERIAL.
 - 10 FUTURE 16-INCH DIAMETER, HDPE TYPE 5, STORMWATER PIPELINE.
 - 11 FUTURE 8-FOOT WIDE P.C.C. BIKE LANE.
 - 12 FUTURE 4-INCHES OF GRAVEL MULCH OVER 1'-8" OF CLASS 2 BASE.
 - 13 FUTURE 4'-6" WIDE BY 8'-0" LONG STORMWATER OULET BACKING NO.3 (5 LBS STANDARD ROCK MASS) ROCK SLIPS PROTECTION (RPP).
 - 14 FUTURE STORMWATER DROP INLET STRUCTURE.

GENERAL NOTES:

- 1 THE CONTRACTOR SHALL INSTALL A 15 MIL POLYETHYLENE CONCRETE UNDERLAYMENT WITH REINFORCING BARS (REBAR) BENEATH THE STEEL REINFORCEMENT OR WELDED WIRE FABRIC REINFORCEMENT UNDERLYING THE ROCK BLANKET.

The Holt Group, Inc.
ENGINEERING PLANNING SURVEYING

EL CENTRO OFFICE: 1601 N. Imperial Ave., El Centro, CA 92243 (760) 337-3883
 BLYTHE OFFICE: 201 E. Holloman Way, Blythe, CA 92225 (760) 922-8558
 QUARTZSITE OFFICE: P.O. BOX 2532, 425 E. Main, Quartzsite, AZ 85346 (928) 927-5899

NO.	REVISIONS:	APPROVED	DATE

DESIGNED BY: VG
 DRAWN BY: AG, HS, KH
 CHECKED BY: JGH

PROJECT BENCH MARK:
 BM#1 NAVD
 PROJECT BENCHMARK-NATIONAL GEODETIC SURVEY DESIGNATION "N 1362". STEEL ROD LOCATED 83 FEET EAST OF THE CENTERLINE OF HIGHWAY 115, 47 FEET NORTH OF THE CENTERLINE OF FOURTH STREET AND 94 FEET WEST OF PALM AVENUE. BM#1 EL. 984.77

PREPARED UNDER THE DIRECT SUPERVISION OF:

JAMES G. JACK HOLT
 04/17/2013
 DATE

31773
 R.C.E. NO.
 12/31/14
 REG. EXP.

PROJECT TITLE: CITY OF HOLTVILLE - ALAMO RIVER CONSERVATION PROJECT NEAR BRIDGE 58-007

SHEET CONTENT: GRADING IMPROVEMENT PLAN

SHEET 2 OF 7 SHEETS
 JOB NO. 116.396E

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

20150301 PLAN 116.396_SHEET 2_GRADING IMPROVEMENT PLAN.dwg 04/18/2013 11:33
 M:\15\3\ENGINEERING\CAD\AUT

Multi-Link & Habitat Conservation Photos











ALAMO RIVER TRAIL



Yuma Clapper Rail

Transboundary Watershed

The Alamo River watershed is a sub-watershed of the Salton Sea Transboundary Watershed. The Watershed is a major center for avian biodiversity in the American Southwest supporting over 350 species and averaging over 1.5 million birds annually.

Wading birds using this habitat include green-backed heron (*Butorides striatus*), great blue heron (*Ardea herodias*), and great egret (*Ardea alba*). Other riparian and wetland birds include the red-winged blackbird (*Agelaius phoeniceus*), common yellowthroat (*Geothlypis trichas*), Yuma clapper rail (*Rallus longirostris yumanensis*), and black phoebe (*Sayornis nigricans*). Canal embankments and levees provide open forage habitat for mourning dove (*Zenaidura macroura*), greater roadrunner (*Geococcyx californianus*), and killdeer (*Charadrius vociferans*). Channel embankments also provide burrow sites for burrowing owl (*Athene cunicularia*), kingfisher (*Ceryle alcyon*), and southern rough-winged swallow (*Stelgidopteryx ruficollis*).

02/07/2014

LAA

State of California - Natural Resources Agency
Department of Parks and Recreation
GRANT CONTRACT
Habitat Conservation Fund
Trails

GRANTEE City of Holtville
GRANT PERFORMANCE PERIOD is from July 01, 2012 through June 30, 2017
CONTRACT PERFORMANCE PERIOD is from July 01, 2012 through June 30, 2032
PROJECT TITLE ALAMO RIVER CONSERVATION PROJECT PROJECT NUMBER HT-13-001

The GRANTEE agrees to the terms and conditions of this contract, hereinafter referred to as AGREEMENT, and the State of California, acting by and through the California Department of Parks and Recreation, agrees to fund the total grant amount indicated below. The GRANTEE agrees to complete the GRANT SCOPE as defined in the GRANT SCOPE / Cost Estimate Form of the APPLICATION submitted to the State of California.

GRANT SCOPE:

Renovate a wildlife area at the Alamo River with erosion control, landscaping, irrigation and minor site amenities.

Total State Grant not to exceed \$193,700.00 (or 50% of the total project, which ever is less)

The General and Special Provisions attached are made a part of and incorporated into the Contract.

City of Holtville

By Alexander P. Meyerhoff
Grantee
Typed or printed name of Authorized Representative
Alex Meyerhoff
Signature of Authorized Representative

STATE OF CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION

By *Barbara Baker*
Date 10/26/12

Title City Manager
Date 10-22-12

CERTIFICATION OF FUNDING

CONTRACT NO C9769013	AMENDMENT NO	CALSTARS VENDOR NO. 400000414100			PROJECT NO. HT-13-001
AMOUNT ENCUMBERED BY THIS DOCUMENT \$193,700.00	FUND. Habitat Conservation Fund				
PRIOR AMOUNT ENCUMBERED FOR THIS CONTRACT	ITEM 3790-101-0262(1)	CHAPTER 21/12	STATUTE 12	FISCAL YEAR 2012/13	
TOTAL AMOUNT ENCUMBERED TO DATE \$193,700.00	INDEX. 1091	OBJ. EXPEND 702	PCA. 63862	PROJECT / WORK PHASE	
T.B.A. NO.	I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance.				
B.R. NO.	ACCOUNTING OFFICER'S SIGNATURE <i>Handwritten Signature</i>			DATE. 10/30/12	

Grantee 10-29-2012

Earl Walker Park & Alamo River Trail

APN: 045-244-001

Property Detail Report

For Property Located At



CoreLogic

RealQuest Professional

,, CA

Owner Information:

Owner Name: CITY HOLTVILLE COMMUNITY REDEVELOPMENT AGENCY
 Mailing Address: 121 W 5TH ST, HOLTVILLE CA 92250-1213 C003
 Phone Number: (760) 356-4574 Vesting Codes: //

Location Information:

Legal Description: SBE 832-13-3D-19 OF BLKS 124 -125 & -126 TSTE OF HOLTVILLE 5AC
 County: IMPERIAL, CA APN: 045-244-001-000
 Census Tract / Block: 109.00 / 5 Alternate APN: 045-244-01-01
 Township-Range-Sect: HOLTVILLE
 Legal Book/Page: /
 Legal Lot: /
 Legal Block: 124 School District: H HOLTVILLE U
 Market Area: /
 Neighbor Code: /
 Munic/Township: /

Owner Transfer Information:

Recording/Sale Date: 01/02/2008 / 11/16/2007 Deed Type: QUIT CLAIM DEED
 Sale Price: /
 Document #: 1 1st Mtg Document #:

Last Market Sale Information:

Recording/Sale Date: / 1st Mtg Amount/Type: /
 Sale Price: / 1st Mtg Int. Rate/Type: /
 Sale Type: / 1st Mtg Document #: /
 Document #: / 2nd Mtg Amount/Type: /
 Deed Type: / 2nd Mtg Int. Rate/Type: /
 Transfer Document #: / Price Per SqFt: /
 New Construction: / Multi/Split Sale: /
 Title Company: /

Lender:
 Seller Name:

Prior Sale Information:

Prior Rec/Sale Date: / Prior Lender: /
 Prior Sale Price: / Prior 1st Mtg Amt/Type: /
 Prior Doc Number: / Prior 1st Mtg Rate/Type: /
 Prior Deed Type: /

Property Characteristics:

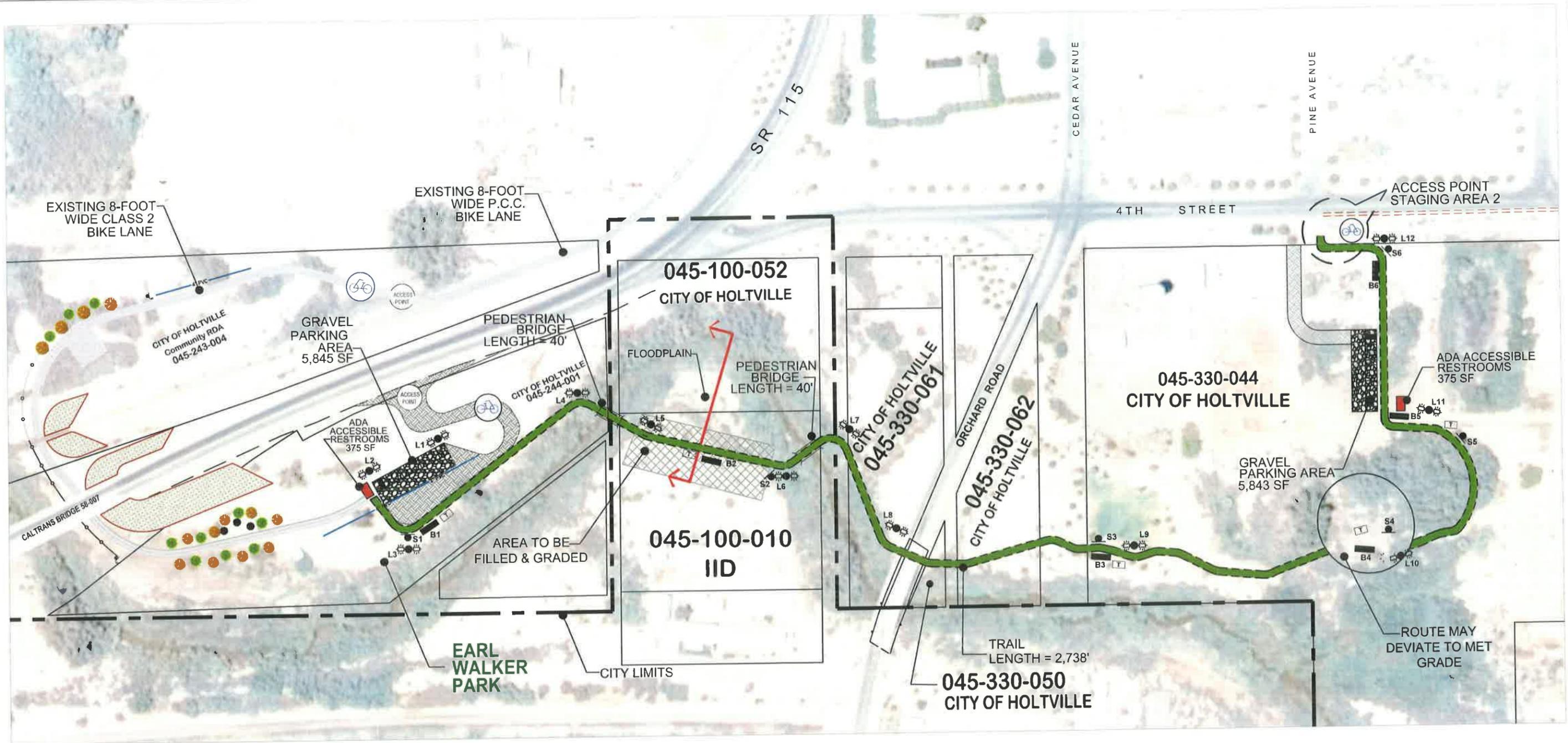
Year Built / Eff: /	Total Rooms/Offices:	Garage Area:
Gross Area:	Total Restrooms:	Garage Capacity:
Building Area:	Roof Type:	Parking Spaces:
Tot Adj Area:	Roof Material:	Heat Type:
Above Grade:	Construction:	Air Cond:
# of Stories:	Foundation:	Pool:
Other Improvements:	Exterior wall:	Quality:
	Basement Area:	Condition:

Site Information:

Zoning:	Acres:	4.82	County Use:	SCHOOL AGRIC (XSB)
Flood Zone:	Lot Area:	209,959	State Use:	
Flood Panel:	Lot Width/Depth:	x	Site Influence:	
Flood Panel Date:	Commercial Units:		Sewer Type:	
Land Use: SCHOOL	Building Class:		Water Type:	

Tax Information:

Total Value:	Assessed Year:	Property Tax:
Land Value:	Improved %:	Tax Area: 005000
Improvement Value:	Tax Year:	Tax Exemption:
Total Taxable Value:		



LEGEND:

- | | | | | |
|-------------------------------|-------------------------------|-----------------------|-------------------------|------------------|
| EXISTING CLASS 1 BICYCLE PATH | ROPE RAILING WITH WOODEN POST | NATIVE MATERIAL | 4" WATER LINE EXTENSION | CITY LIMITS |
| NATIVE TREES | INTERPRETIVE SIGNS | CLASS 2 BASE MATERIAL | BENCH | 8' PICNIC TABLES |
| | EROSION CONTROL | TRASH RECEPTACLE | LIGHT POLE | |

The Holt Group, Inc.
 ENGINEERING · PLANNING

1801 N. Imperial Ave. El Centro, CA (760) 337-3883

Alamo River Recreational Trail

Earl Walker Park Photos











State of California - Natural Resources Agency
Department of Parks and Recreation
GRANT CONTRACT
Recreational Trails Program

GRANTEE City of Holtville

PROJECT TITLE ALAMO RIVER RECREATIONAL TRAIL, PHASE I PROJECT NUMBER RT-13-001

PROJECT PERFORMANCE PERIOD is from May 26, 2011 thru June 30, 2016

The Grantee agrees to the terms and conditions of this Contract, and the State of California, acting through its Director of Parks and Recreation, pursuant to the State of California, agrees to fund the total Grant amount indicated below.

PROJECT DESCRIPTION:

Construction of trail of approximately 0.53 miles and staging areas which will include ADA compliant restrooms, parking area, lighting and landscaping in the City of Holtville.

Total State Grant not to exceed \$430,468.00 OR 88% of the eligible Project costs whichever is less.

City of Holtville
 Grantee

The General and Special Provisions attached are made a part of and incorporated into the Contract.

By Alexander P. Meyerhoff, AICP
Typed or printed name of Authorized Representative

Alexander P. Meyerhoff
Signature of Authorized Representative

Address 121 W. Fifth St., Holtville, CA 92250

Title City Manager

Date 7/25/11

STATE OF CALIFORNIA
 DEPARTMENT OF PARKS AND RECREATION

By *Din Chen*

Date August 2, 2011

CERTIFICATION OF FUNDING

CONTRACT NO C8526007	AMENDMENT NO	CALSTARS VENDOR NO. 400000414100 ✓			PROJECT NO. RT-13-001
AMOUNT ENCUMBERED BY THIS DOCUMENT \$430,468.00		FUND. Recreational Trails Fund			
PRIOR AMOUNT ENCUMBERED FOR THIS CONTRACT		ITEM 3790-101-0858(2)	CHAPTER 1/09	STATUTE 09	FISCAL YEAR 2011/12
TOTAL AMOUNT ENCUMBERED TO DATE \$ 430,468.00		INDEX. 1091	OBJ. EXPEND 702	PCA. 68622	PROJECT / WORK PHASE 091022-00
T.B.A. NO.	I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance.				
B.R. NO.	ACCOUNTING OFFICER'S SIGNATURE <i>Ray Alvarez</i>			DATE. 8/3/11	

Comptroller - 8/2/11

Appendix B

Bike & NEV Path

Property Detail Report

For Property Located At



,, CA

Owner Information:

Owner Name: **CITY HOLTVILLE COMMUNITY REDEVELOPMENT AGENCY**
 Mailing Address: **121 W 5TH ST, HOLTVILLE CA 92250-1213 C003**
 Phone Number: **(760) 356-4574** Vesting Codes: **//**

Location Information:

Legal Description: **SBE 832-13-3F-26 OF BLK 33 TOWNSITE OF HOLTVILLE**
 County: **IMPERIAL, CA** APN: **045-281-004-000**
 Census Tract / Block: **109.00 / 5** Alternate APN: **045-281-04-01**
 Township-Range-Sect: Subdivision: **HOLTVILLE**
 Legal Book/Page: Map Reference: **/**
 Legal Lot: Tract #: **/**
 Legal Block: **33** School District: **H HOLTVILLE U**
 Market Area: Munic/Township:
 Neighbor Code:

Owner Transfer Information:

Recording/Sale Date: **01/02/2008 / 11/16/2007** Deed Type: **QUIT CLAIM DEED**
 Sale Price: 1st Mtg Document #:
 Document #: **1**

Last Market Sale Information:

Recording/Sale Date: **/** 1st Mtg Amount/Type: **/**
 Sale Price: 1st Mtg Int. Rate/Type: **/**
 Sale Type: 1st Mtg Document #: **/**
 Document #: 2nd Mtg Amount/Type: **/**
 Deed Type: 2nd Mtg Int. Rate/Type: **/**
 Transfer Document #: Price Per SqFt:
 New Construction: Multi/Split Sale:
 Title Company:
 Lender:
 Seller Name:

Prior Sale Information:

Prior Rec/Sale Date: **/** Prior Lender:
 Prior Sale Price: Prior 1st Mtg Amt/Type: **/**
 Prior Doc Number: Prior 1st Mtg Rate/Type: **/**
 Prior Deed Type:

Property Characteristics:

Year Built / Eff: /	Total Rooms/Offices:	Garage Area:
Gross Area:	Total Restrooms:	Garage Capacity:
Building Area:	Roof Type:	Parking Spaces:
Tot Adj Area:	Roof Material:	Heat Type:
Above Grade:	Construction:	Air Cond:
# of Stories:	Foundation:	Pool:
Other Improvements:	Exterior wall:	Quality:
	Basement Area:	Condition:

Site Information:

Zoning:	Acres: 2.28	County Use: SCHOOL AGRIC (XSB)
Flood Zone:	Lot Area: 99,317	State Use:
Flood Panel:	Lot Width/Depth: x	Site Influence:
Flood Panel Date:	Commercial Units:	Sewer Type:
Land Use: SCHOOL	Building Class:	Water Type:

Tax Information:

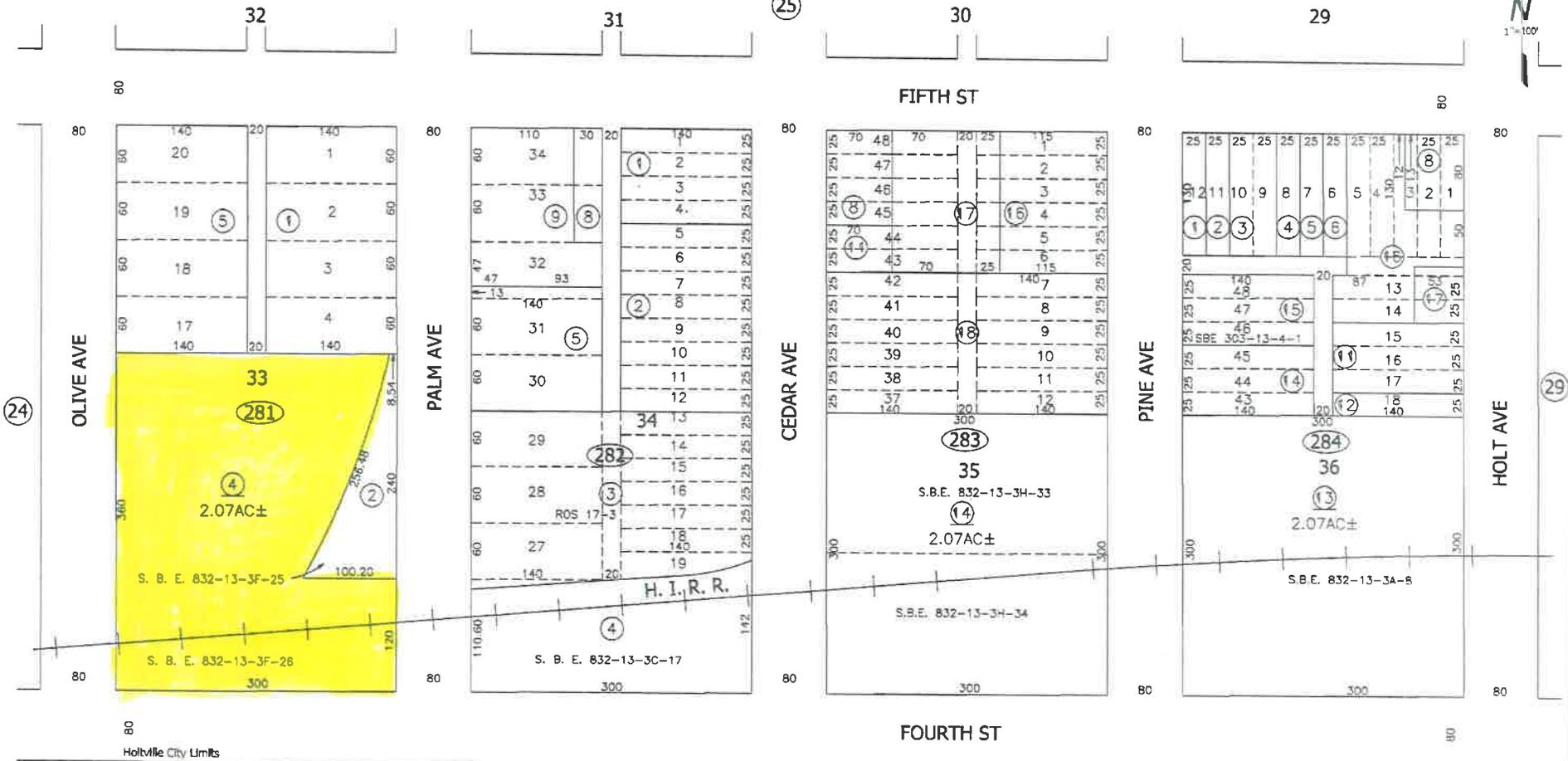
Total Value:	Assessed Year:	Property Tax:
Land Value:	Improved %:	Tax Area: 005000
Improvement Value:	Tax Year:	Tax Exemption:
Total Taxable Value:		

POR. OF TOWNSITE

O.M. 1-12

Tax Area Code
5-000

45-28



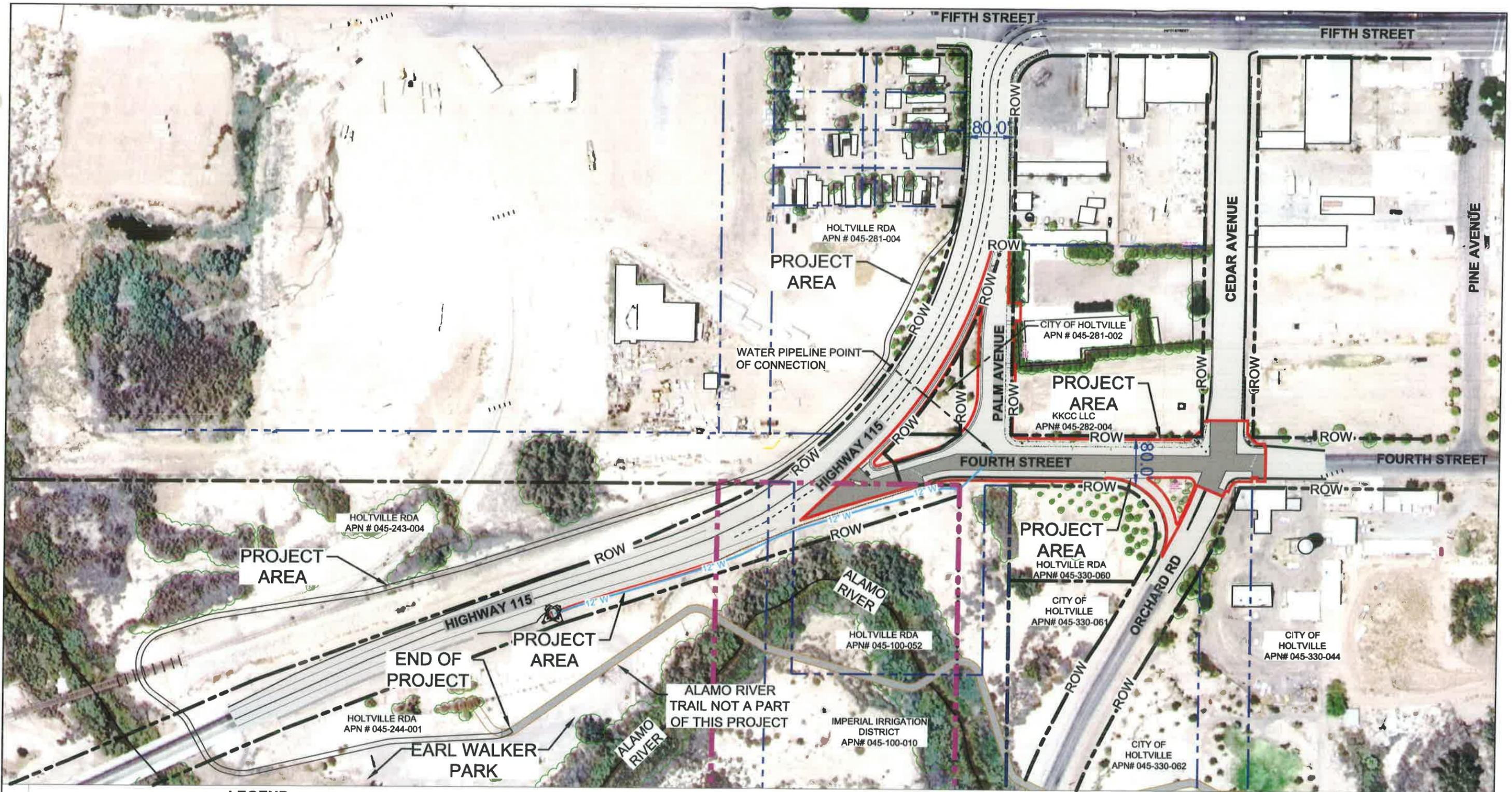
6-9-09 MF
8-30-95 DP
5-19-77 DM

10

DISCLAIMER:
THIS IS NOT AN OFFICIAL MAP.
THIS MAP WAS CREATED FOR THE IMPERIAL COUNTY
ASSESSOR, FOR THE SOLE PURPOSE OF AIDING IN
THE PERFORMANCE OF THE DUTIES OF THE ASSESSOR.
ANY ERRORS OR OMISSIONS IN THIS MAP ARE NOT
THE RESPONSIBILITY OF THE COUNTY OF IMPERIAL
OR THE ASSESSOR. (REV. & TAX. CODE SEC.377)



CITY OF HOLTVILLE
Assessor's Map Bk.45-Pg.28
County of Imperial, Calif.



LEGEND

ITEM NO.	ITEM DESCRIPTION	SYMBOL	ITEM NO.	ITEM DESCRIPTION	SYMBOL	ITEM NO.	ITEM DESCRIPTION	SYMBOL
1.	PROJECT BOUNDARY		4.	PROPOSED 12-INCH WATER PIPELINE		6.	CITY LIMITS	
2.	RIGHT OF WAY		5.	PROPOSED FIRE HYDRANT		7.	CONCEPTUAL PROPERTY LINE	
3.	PROPOSED BIKE LANE							



The Holt Group, Inc.
ENGINEERING · PLANNING · SURVEYING

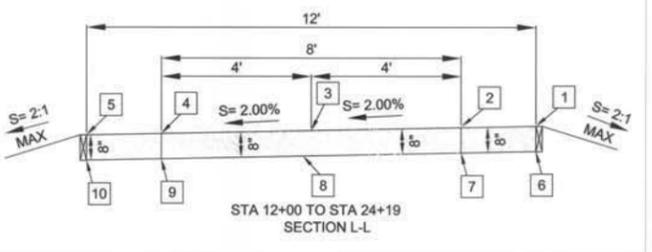
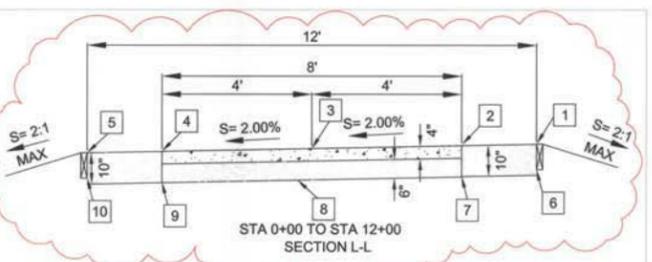
1801 N. Imperial Ave. | El Centro, California 92243 | (760) 337-3883

**SR-115 AND FOURTH STREET INTERSECTION IMPROVEMENT
PROJECT FOOTPRINT MAP- STPL-5174 (012)
HOLTVILLE, CALIFORNIA**

THG PROJECT NO. 116.307
PREPARED BY: THG | DATE: 08-13-2010

STATION	1	2	3	4	5	6	7	8	9	10
0+00	987.34	987.30	987.22	987.14	987.10	986.67	986.57	986.39	986.31	986.43
0+25	987.46	987.42	987.34	987.26	987.22	986.79	986.69	986.51	986.43	986.55
0+50	987.58	987.54	987.46	987.38	987.34	986.91	986.81	986.63	986.55	986.67
0+75	987.34	987.30	987.22	987.14	987.10	986.67	986.57	986.39	986.31	986.43
1+00	987.10	987.06	986.98	986.90	986.86	986.43	986.33	986.15	986.07	986.19
1+25	986.86	986.82	986.74	986.66	986.62	986.19	986.09	985.91	985.83	985.95
1+50	986.62	986.58	986.50	986.42	986.38	985.95	985.85	985.67	985.59	985.71
1+75	986.38	986.34	986.26	986.18	986.14	985.71	985.61	985.43	985.35	985.47
2+00	986.14	986.10	986.02	985.94	985.90	985.47	985.37	985.19	985.11	985.23
2+25	985.90	985.86	985.78	985.70	985.66	985.23	985.13	984.95	984.87	984.99
2+50	985.78	985.74	985.66	985.58	985.54	985.11	985.01	984.83	984.75	984.87
2+75	985.65	985.61	985.53	985.45	985.41	984.98	984.88	984.70	984.62	984.74
3+00	985.53	985.49	985.41	985.33	985.29	984.86	984.76	984.58	984.50	984.62
3+25	985.41	985.36	985.29	985.21	985.17	984.74	984.64	984.46	984.38	984.50
3+50	985.28	985.24	985.16	985.08	985.04	984.61	984.51	984.33	984.25	984.37
3+75	985.16	985.12	985.04	984.96	984.92	984.49	984.39	984.21	984.13	984.25
4+00	985.04	985.00	984.92	984.84	984.80	984.37	984.27	984.09	984.01	984.13
4+25	984.91	984.87	984.79	984.71	984.67	984.24	984.14	983.96	983.88	984.00
4+50	984.79	984.75	984.67	984.59	984.55	984.12	984.02	983.84	983.76	983.88
4+75	984.67	984.63	984.55	984.47	984.43	984.00	983.90	983.72	983.64	983.76
5+00	984.54	984.50	984.42	984.34	984.30	983.87	983.77	983.59	983.51	983.63
5+25	984.42	984.38	984.30	984.22	984.18	983.75	983.65	983.47	983.39	983.51
5+50	984.46	984.42	984.34	984.26	984.22	983.79	983.69	983.51	983.43	983.55
5+75	984.50	984.46	984.38	984.30	984.26	983.83	983.73	983.55	983.47	983.59
6+00	984.54	984.50	984.42	984.34	984.30	983.87	983.77	983.59	983.51	983.63

BIKE LANE DATA CHART



CONSTRUCTION KEYNOTES

- INSTALL 4-INCHES OF A.C. PAVEMENT OVER 12-INCHES OF CLASS 2 BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. SEE SECTION A-A, B-B, D-D, E-E ON SHEETS 16 AND 17.
- INSTALL 6-INCH P.C.C. CURB AND GUTTER PER CITY OF HOLTVILLE STANDARD DETAIL S-117. SEE DETAIL A ON SHEET 21.
- INSTALL 4-INCH P.C.C. SIDEWALK OVER 6-INCHES OF GRANULAR SAND PER CITY OF HOLTVILLE STANDARD DETAIL S-122. SEE DETAIL B ON SHEET 21.
- INSTALL P.C.C. COMMERCIAL DRIVEWAY PER CITY OF HOLTVILLE STANDARD DETAIL S-127. SEE DETAIL C ON SHEET 21.
- INSTALL P.C.C. HANDICAP RAMP PER CITY OF HOLTVILLE S-123. SEE DETAIL E ON SHEET 21.
- INSTALL NEW STOP AND STREET NAME SIGN PER CITY OF HOLTVILLE STANDARD DETAIL S-130. SEE DETAIL G ON SHEET 22.
- INSTALL A.C. PAVEMENT AT COLD PLANE AREA PER CITY OF HOLTVILLE STANDARD DETAIL S-129. SEE DETAIL F ON SHEET 21.
- INSTALL NEW STORMWATER MANHOLE. ADJUST THE MANHOLE FRAME AND COVER TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE A 12-INCH WIDE, 8-INCH DEEP 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE MANHOLE FRAME AND COVER. SEE DETAIL J ON SHEET 22.
- AFTER THE PLACEMENT OF THE P.C.C. SIDEWALK OR THE P.C.C. CURB AND GUTTER IS COMPLETED PLACE NATIVE MATERIAL FLUSH WITH P.C.C. SIDEWALK OR CURB AND GUTTER SURFACE FOR A HORIZONTAL DISTANCE OF 5-FEET TO DAY LIGHT OR AS ILLUSTRATED BY THE HATCH AREA (EXISTING GRADE). COMPACT NATIVE MATERIAL TO 95% PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. APPLY LIGHT MIST OF WATER TO THE SURFACE OF THE NATIVE MATERIAL AFTER FINAL GRADING IS SATISFACTORILY COMPLETED.
- INSTALL NEW 8-FOOT WIDE CATCH BASIN PER CITY OF HOLTVILLE STANDARD DETAIL SW-105. SEE DETAIL I ON SHEET 22.
- INSTALL NEW 16-INCH AWWA C-905, CLASS 200 PVC STORMWATER PIPELINE PER TRENCH DETAIL K ON SHEET 22.
- INSTALL 12-INCHES OF CLASS 2 BASE MATERIAL. COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557.
- INSTALL TRUNCATED DETECTABLE WARNING SIGNS PER DETAIL D ON SHEET 21.
- INSTALL NEW MONUMENT WELL PER DETAIL H ON SHEET 22. COORDINATE INSTALLATION OF MONUMENT AND MONUMENT WELL WITH THE ENGINEER.
- INSTALL 4-INCH DIAMETER STEEL BOLLARDS PER DETAIL N ON SHEET 23.
- INSTALL DOUBLED 3/4-INCH THICK, 8-INCH HIGH PRESSURE TREATED CDX PLYWOOD OR 2" X 8" PRESSURE TREATED BOARDS. STAGGER THE INTERIOR AND EXTERIOR PLYWOOD BEGINNING/ENDING JOINTS A DISTANCE OF 4'-0" FROM THE 7' X 8" PRESSURE TREATED BOARDS OR THE 3/4-INCH THICK, 8-INCH HIGH PRESSURE TREATED CDX PLYWOOD WITH 2 COAT OF 100% SOLID URETHANE FINISH. SECURE THE BOARDS TO THE WOOD STAKES WITH FOUR (4) 16 CC SINKER NAILS. SEE DETAIL R ON SHEET 23.
- INSTALL NEW STOP SIGN PER CITY OF HOLTVILLE STANDARD DETAIL S-130. SEE DETAIL G ON SHEET 22.
- INSTALL 10.2 INCHES OF A.C. PAVEMENT OVER 24-INCHES OF CLASS 2 BASE PER CALTRANS STANDARD. COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER CALTRANS STANDARD. SEE SECTIONS C-C AND H-H ON SHEET 17 AND 18.
- INSTALL NEW 6-INCH P.C.C. CURB AND GUTTER PER CALTRANS STANDARD PLAN A87A, TYPE A-2.
- INSTALL NEW 6-INCH P.C.C. BARRIER CURB PER CALTRANS STANDARD PLAN A87A, TYPE A1.
- CONTRACTOR TO ADJUST THE EXISTING WATER VALVE RISERS TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE AN 8-INCH DEEP 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE WATER VALVE RISER PER CITY OF HOLTVILLE STANDARD DETAIL W-106 SEE DETAIL O ON SHEET 23.
- AFTER THE COLD PLANING PROCESS HAS BEEN COMPLETED, A STRESS ABSORBING MEMBRANE INTERLAYER (SAM) SHALL BE INSTALLED AFTER COLD PLANING AND CRACK SEALING HAS BEEN COMPLETED. INSTALL A 2-INCH A.C. PAVEMENT OVERLAY AS ILLUSTRATED IN SECTION A-A AND B-B ON SHEET 16.
- CONTRACTOR TO INSTALL PREVIOUSLY REMOVED "END SPEED LIMIT 25 MPH" SIGN. INSTALL SIGN PER CALTRANS ROAD SIGN STANDARD PLAN RS2.
- INSTALL NEW 6-INCH AWWA C-900, CLASS 200 PVC STORMWATER PIPELINE PER TRENCH DETAIL K ON SHEET 22.
- INSTALL NEW 12-INCH AWWA C-900, CLASS 200 PVC STORMWATER PIPELINE PER TRENCH DETAIL K ON SHEET 22.
- INSTALL NEW 6-INCH DIAMETER TRANSITION COUPLING ADAPTER WITH STAINLESS STEEL HARDWARE.
- INSTALL NEW 16-INCH DIAMETER TRANSITION COUPLING ADAPTER WITH STAINLESS STEEL HARDWARE.
- INSTALL NEW 12-INCH DIAMETER TRANSITION COUPLING ADAPTER WITH STAINLESS STEEL HARDWARE.
- INSTALL 4-INCH THICK 8-FOOT WIDE P.C.C. BIKE LANE OVER 6-INCHES OF CLASS 2 BASE PER CITY OF HOLTVILLE STANDARD DETAIL S-122. SEE SECTIONS F-F, J-J, K-K AND L-L ON SHEETS 18-19.
- CONTRACTOR TO INSTALL PREVIOUSLY REMOVED "NOTICE PRIVATE PROPERTY NO AUTHORIZED PARKING SIGN. SIGN SHALL BE MOUNTED ON A UNISTRUT PEDESTAL PER CITY OF HOLTVILLE STANDARD DETAIL S130 SEE SHEET G ON SHEET 22.
- INSTALL RED BRICK PAVERS PER DETAIL Q ON SHEET 23.
- INSTALL 8-INCHES OF CLASS 2 BASE MATERIAL. COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557.
- INSTALL 8-INCH P.C.C. COMMERCIAL DRIVEWAY ENTRANCE OVER 12-INCHES OF CLASS 2 BASE. THE P.C.C. DRIVEWAY SHALL CONTAIN 7 SACKS CEMENT PER CUBIC YARD AND ATTAIN 5,000 PSI COMPRESSIVE STRENGTH AFTER 28 DAYS. THE P.C.C. CONCRETE SHALL ATTAIN 1 1/2 POUNDS OF POLYPROPYLENE FIBER PER CUBIC YARD. THE CLASS 2 BASE MATERIAL SHALL BE COMPACTED TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557. INSTALL NUMBER 5 REINFORCING BARS 1-FOOT ON CENTER EACH WAY. SEE CALTRANS STANDARD PLAN A78A.
- INSTALL NEW STREET NAME SIGN PER CITY OF HOLTVILLE STANDARD DETAIL S-130. SEE DETAIL G ON SHEET 22.
- THE CONTRACTOR IS TO GRADE THE BIKE LANE USING THE EXCAVATED MATERIAL FROM THE EXISTING RAILROAD TRACKS TO SUBBASE DESIGN GRADE. THE CONTRACTOR SHALL GRADE THE NEW BIKE LANE NATIVE EARTH EMBANKMENT AS ILLUSTRATED BY THE GRADES ON THE PLANS. COMPACT THE NATIVE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. PLACE A LIGHT MIST OF WATER ON THE NATIVE MATERIAL AFTER FINAL GRADING IS COMPLETED.
- CONTRACTOR TO INSTALL PREVIOUSLY REMOVED "DO NOT ENTER AND WRONG WAY" SIGN FACING NORTH AND "NO TURN" FACING SOUTH. INSTALL SIGN PER CALTRANS ROAD SIGN STANDARD PLAN RS2.
- CONTRACTOR TO INSTALL PREVIOUSLY REMOVED EXISTING "RIGHT ARROW AND 20 MPH" SIGN FACING SOUTH. INSTALL SIGN PER CALTRANS ROAD SIGN STANDARD PLAN RS2.
- INSTALL 4-INCH P.C.C. CONCRETE OVER 6-INCHES OF GRANULAR SAND. THE P.C.C. CONCRETE SHALL CONTAIN 7 SACKS CEMENT PER CUBIC YARD AND ATTAIN 5,000 PSI COMPRESSIVE STRENGTH AFTER 28 DAYS. COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557.
- INSTALL NEW BARRIER CURB PER CITY OF HOLTVILLE STANDARD DETAIL S-120. SEE DETAIL S ON SHEET 24.
- CONTRACTOR TO ADJUST THE EXISTING GAS VALVE RISERS TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE AN 8-INCH DEEP 8-INCH WIDE 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE GAS VALVE RISER PER SOUTHERN CALIFORNIA GAS COMPANY REQUIREMENTS.
- INSTALL NEW STREET LIGHT PER CITY OF HOLTVILLE STANDARD DETAIL S132. SEE DETAIL T ON SHEET 24.
- INSTALL NEW 12-INCH DIAMETER DUCTILE IRON RESILIENT WEDGE GATE VALVE WITH RESTRAINED JOINT FITTINGS. SEE CITY OF HOLTVILLE STANDARD DRAWING NUMBER W-106. SEE PIPE RISER DETAIL U ON SHEET 24.
- INSTALL NEW 12-INCH DIAMETER DUCTILE IRON 45 DEGREE ELBOW WITH RESTRAINED JOINT FITTING AND P.C.C. THRUST BLOCK PER CITY OF HOLTVILLE STANDARD PLAN W115.
- INSTALL NEW 12-INCH DIAMETER DUCTILE IRON 11.25 DEGREE ELBOW WITH RESTRAINED JOINT FITTING AND P.C.C. THRUST BLOCK.
- INSTALL NEW 12-INCH DIAMETER AWWA C-900 CLASS 150 PVC WATER PIPELINE PER CITY OF HOLTVILLE STANDARD DETAIL W101.
- INSTALL NEW FIRE HYDRANT ASSEMBLY PER CITY OF HOLTVILLE STANDARD DETAIL W107. SEE DETAIL V ON SHEET 24.
- INSTALL NEW 12-INCH DIAMETER DUCTILE IRON END CAP WITH RESTRAINED JOINT FITTINGS AND P.C.C. THRUST BLOCK PER CITY OF HOLTVILLE STANDARD PLAN W115.
- INSTALL NEW 12-INCH TO 6-INCH DUCTILE IRON REDUCER FITTING.
- INSTALL NEW 6-INCH DIAMETER DUCTILE IRON RESILIENT WEDGE GATE VALVE WITH RESTRAINED JOINT FITTINGS. SEE CITY OF HOLTVILLE STANDARD DRAWING NUMBER W-106. SEE DETAIL U ON SHEET 24.
- INSTALL NEW 12-INCH X 12-INCH X 12-INCH DIAMETER DUCTILE IRON CROSS WITH P.C.C. THRUST BLOCK PER CITY OF HOLTVILLE STANDARD PLAN W115.
- INSTALL NEW 12-INCH DIAMETER TRANSITION COUPLING ADAPTOR WITH STAINLESS STEEL HARDWARE.
- INSTALL NEW 12-INCH X 12-INCH X 12-INCH DIAMETER DUCTILE IRON TEE WITH P.C.C. THRUST BLOCK PER CITY OF HOLTVILLE STANDARD PLAN W115.
- INSTALL NEW AIR RELIEF VALVE ASSEMBLY PER CITY OF HOLTVILLE STANDARD DETAIL W114 A AND B. SEE DETAIL X D SHEET 24.
- INSTALL NEW BLOW OFF ASSEMBLY PER CITY OF HOLTVILLE STANDARD DETAIL W111. SEE DETAIL W ON SHEET 24.
- RELOCATE EXISTING STATE ROUTE 32 SIGN PER CITY OF HOLTVILLE STANDARD DETAIL S-130. SEE DETAIL G ON SHEET 22.
- INSTALL NEW TRUCK ROUTE SIGN PER CITY OF HOLTVILLE STANDARD DETAIL S-130. SEE DETAIL G ON SHEET 22.
- CONSTRUCT A 6-INCH VARIABLE P.C.C. BARRIER CURB AROUND THE COMMUNICATION ENCLOSURE PER DETAIL S ON SHEET 24.
- GRADE NATIVE EARTH MATERIAL AS ILLUSTRATED BY THE GRADES ON THE PLANS. COMPACT THE NATIVE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. PLACE A LIGHT MIST OF WATER ON THE NATIVE MATERIAL AFTER FINISH GRADING IS COMPLETED.

PERMIT NUMBER 11-10-NMC-0278
 CO 11-IMP RTE 115 PM 10.97 - 11.0.32
 AS-BUILT PLANS FOR ROADWAY GEOMETRIC AND ABOVE GROUND FEATURES

STATE REPRESENTATIVE _____ DATE _____

DIST	COUNTY	ROUTE	MILE POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	IMPERIAL	115	10.00	10	26

JAMES G. "JACK" HOLT
 PROJECT ENGINEER
 REGISTERED CIVIL ENGINEER, 31773

PLANS APPROVAL DATE _____

CITY OF HOLTVILLE
 121 W. FIFTH STREET
 HOLTVILLE, CA 92250

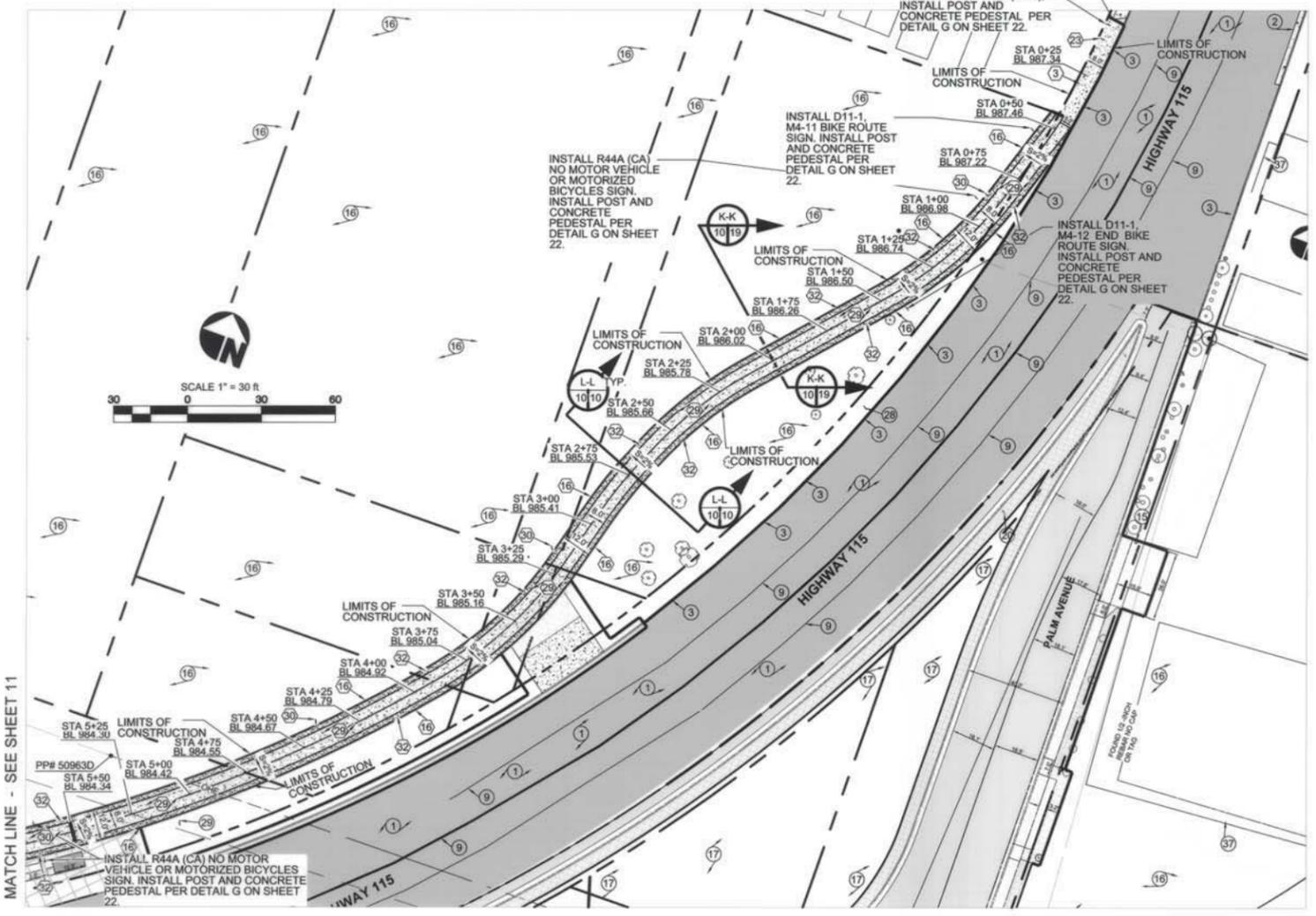
THE HOLT GROUP, INC.
 1001 NORTH IMPERIAL AVENUE
 EL CENTRO, CA 92543

EXISTING FACILITY KEYNOTES

- EXISTING A.C. PAVEMENT TO REMAIN.
- EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
- EXISTING BARRIER CURB TO REMAIN.
- EXISTING P.C.C. SIDEWALK TO REMAIN.
- EXISTING DRIVEWAY TO REMAIN.
- EXISTING STORMWATER CATCH BASIN TO REMAIN.
- EXISTING WATER METER ENCLOSURE TO REMAIN.
- EXISTING WATER VALVE TO REMAIN.
- EXISTING STRIPING TO REMAIN.
- EXISTING STREET LIGHT TO REMAIN.
- EXISTING ROAD SIGN TO REMAIN.
- EXISTING STOP SIGN TO REMAIN.
- EXISTING SWALE TO REMAIN.
- EXISTING FIRE HYDRANT TO REMAIN.
- EXISTING CONCRETE BOLLARDS TO REMAIN.
- EXISTING NATIVE SURFACE TO REMAIN.
- EXISTING LANDSCAPE TO REMAIN.
- EXISTING YIELD SIGN TO REMAIN.
- EXISTING DO NOT ENTER SIGN TO REMAIN.
- EXISTING SPEED LIMIT 35 MPH SIGN TO REMAIN.
- EXISTING STATE HIGHWAY 115 SIGN TO REMAIN.
- EXISTING SPEED LIMIT 25 MPH SIGN TO REMAIN.
- EXISTING P.C.C. CONCRETE VAULT TO REMAIN.
- EXISTING KEEP RIGHT SIGN TO REMAIN.
- EXISTING "NEXT SERVICES 45 MILES" SIGN TO REMAIN.
- EXISTING WARNING CURVE AHEAD AND SPEED LIMIT 35 MPH SIGN TO REMAIN.
- EXISTING WARNING DIVIDED HIGHWAY SIGN TO REMAIN.
- EXISTING RIGHT LANE MERGE LEFT SIGN TO REMAIN.
- EXISTING "NOTICE PRIVATE PROPERTY NO AUTHORIZED PARKING" SIGN TO REMAIN.
- EXISTING GUARD RAIL TO REMAIN.
- EXISTING P.C.C. ELECTRICAL TRAFFIC SIGN VAULT TO REMAIN.
- EXISTING STOP AHEAD SIGN TO REMAIN.
- EXISTING TRUCK ROUTE SIGN TO REMAIN.
- EXISTING STATE ROUTE 32 SIGN TO REMAIN.
- EXISTING CONCRETE TO REMAIN.
- EXISTING STORMDRAIN MANHOLE TO REMAIN.
- EXISTING CHAIN LINK FENCE TO REMAIN.
- EXISTING MASONRY FENCE TO REMAIN.
- EXISTING CAMPAIGN ADVERTISEMENT SIGN TO REMAIN.
- EXISTING WATER LINE TO REMAIN.
- EXISTING IRRIGATION SPRINKLER HEAD TO REMAIN.
- EXISTING IRRIGATION VALVE.
- EXISTING 4-FOOT WIDE GATE.
- EXISTING FLAG STANCHION.
- EXISTING KEITHLY SEEDS SIGN.
- EXISTING ID POWER SERVICE PEDESTAL ENCLOSURE TO REMAIN.
- EXISTING WOOD POSTS TO REMAIN.
- EXISTING SURVEY MONUMENT TO REMAIN.
- EXISTING SURVEY MARKER SIGN TO REMAIN.
- EXISTING BACKFLOW PREVENTOR TO REMAIN.
- EXISTING 2" IRRIGATION CONTROL BOX CONTAINING WATER METER LYING UNDERNEATH BACKFLOW PREVENTOR TO REMAIN.
- EXISTING GAS LINE TO REMAIN.
- EXISTING CITY OF HOLTVILLE WEST ENTRANCE SIGN TO REMAIN.
- EXISTING POWER POLE TO REMAIN.
- EXISTING SR 115 BRIDGE TO REMAIN.
- EXISTING RAILROAD BRIDGE TO REMAIN.
- EXISTING COMMUNICATION ENCLOSURE TO REMAIN.
- EXISTING CALTRANS ELECTRICAL CONDUIT TO REMAIN.

"AS-BUILT"
 04-13-2012
 BIKE LANE IMPROVEMENT PLAN
 SCALE 1" = 30 FT

"AS-BUILT"
 04-13-2012



THE HOLT GROUP, INC.
 PROJECT ENGINEER
 CALCULATED/DESIGNED BY
 CHECKED BY
 DATE
 REVISIONS
 DATE
 REVISIONS

CLASS I BICYCLE PATH PHOTOS





DEPARTMENT OF TRANSPORTATION

Division of Local Assistance
1120 N STREET
P.O. BOX 942874, MS# 1
Sacramento, CA 94274-0001
TTY 711
(916) 654-3151
Fax (916) 653-7621



June 3, 2011

File : 11-IMP-1-HOLT
STPL-5174(012)
Intersection of SR-115 and Fourth
St.

Ms. Laura Fischer
City Manager
City of Holtville
121 West Fifth Street
Holtville, CA 92250-1298

Attn: Ms. Virginia Mendoza

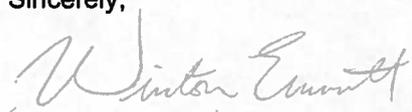
Dear Ms. Fischer:

Enclosed is your fully executed copy of Program Supplement Agreement No. 010-N to Administering Agency-State Agreement No. 11-5174R and an approved Finance Letter. Please retain the signed Finance Letter for your records.

In accordance to Government Code 16304, Federal and State funds appropriated by the State budget are available for disbursement for limited periods of time. The attached Finance Letter shows the deadlines for liquidation as "Reversion Dates". Please ensure that your invoices are submitted at least 60 days prior to the Reversion Date to avoid any lapse of funds. If your agency is unable to seek reimbursement by this date, you may request an extension through a Cooperative Work Agreement (CWA). A CWA is subject to the final approval of the State Department of Finance. If approved, the CWA may extend the deadline for up to one year to federal funds and up to three years for State funds.

Please note that Government Code 16304 does not supersede any other more restrictive expenditure deadlines.

Sincerely,

for 
RAY ZHANG, Chief
Office of Project Implementation - South
Division of Local Assistance

Enclosure

c: DLA AE Project Files
(11) DLAE - Erwin Gojuangco

PROGRAM SUPPLEMENT NO. N010
to
ADMINISTERING AGENCY-STATE AGREEMENT
FOR FEDERAL-AID PROJECTS NO 11-5174R

Date: April 15, 2011
Location: 11-IMP-1-HOLT
Project Number: STPL-5174(012)
E.A. Number: 11-956625
Locode: 5174

This Program Supplement hereby adopts and incorporates the Administering Agency-State Agreement for Federal Aid which was entered into between the Administering Agency and the State on 12/13/07 and is subject to all the terms and conditions thereof. This Program Supplement is executed in accordance with Article I of the aforementioned Master Agreement under authority of Resolution No. 09-51 approved by the Administering Agency on 10-26-09 (See copy attached).

The Administering Agency further stipulates that as a condition to the payment by the State of any funds derived from sources noted below obligated to this PROJECT, the Administering Agency accepts and will comply with the special covenants or remarks set forth on the following pages.

PROJECT LOCATION:

Intersection of SR-115 and Fourth St.

TYPE OF WORK: Intersection Realignment

LENGTH: 0.0(MILES)

Estimated Cost	Federal Funds		Matching Funds	
	L24E		LOCAL	OTHER
\$800,000.00		\$708,000.00	\$92,000.00	\$0.00

CITY OF HOLTVILLE

STATE OF CALIFORNIA
Department of Transportation

By Laura Jochen
 Title City Manager
 Date 5.19.11
 Attest _____

By Walter Bennett
 Chief, Office of Project Implementation
 Division of Local Assistance
 Date 5/25/11

I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance:

Accounting Officer James [Signature] Date 4/15/11 \$708,000.00

Chapter	Statutes	Item	Year	Program	BC	Category	Fund Source	AMOUNT

Appendix C

*2010 Alamo River
Storm Water Pollution
Prevention Plan*

Storm Water Pollution Prevention Plan

For:

BECC - CITY OF HOLTVILLE - ALAMO RIVER SWPPP AND CLEAN-UP PROJECT

THG 116.312E

Prepared for:

City of Holtville

121 West Fifth Street

Holtville, CA 92250

Laura Fischer, City Manager

Phone: 760-356-2912

Contractor:

Pyramid Construction

839 Dogwood Road

Heber, CA 92249

(760) 337-5839

Ron Swerdferger

Project Site Location/Address:

Alamo River within the City of Holtville Jurisdiction

(760) 337-3883

Contractor's Storm Water Pollution Prevention Manager

Ron Swerdferger

(760) 337-5839

SWPPP Prepared by:

The Holt Group, Inc.

1601 N Imperial Avenue

El Centro, CA 92243

(760) 337-3883

James G. "Jack" Holt, P.E.

SWPPP Preparation Date:

May 11, 2010

Estimated Project Dates:

Start of Construction: June 28, 2010 Completion of Construction: January 4, 2011

WDID No.: 7 13C358309

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SWPPP Attachments

Attachment A.....	Vicinity Map
Attachment B.....	Water Pollution Control Drawings
Attachment C.....	BMP Consideration Checklist
Attachment D.....	Computation Sheet for Determining Runoff Coefficients
Attachment E.....	Computation Sheet for Determining Run-on Discharges
Attachment F.....	Notice of Intent (NOI)
Attachment G.....	Program for Maintenance, Inspection, and Repair of Construction Site BMPs
Attachment H.....	Storm Water Quality Construction Site Inspection Checklist
Attachment I.....	Trained Contractor Personnel Log

Attachment J..... Subcontractor Notification Letter and Log
Attachment K..... Notice of Non-Compliance
Attachment L..... SWPPP and Monitoring Program Checklist
Attachment M..... Annual Certification of Compliance Form
Attachment N..... Other Plans/Permits
Attachment O..... Water Pollution Control Cost Breakdown
Attachment P..... Notice of Termination (NOT)
Attachment Q..... BMPs Selected for the Project
Attachment R..... Sampling Activity Log
Attachment S..... Construction Material and Pollutant Testing Guidance Table – Non-Visible Pollutants
Attachment T..... Discharge Reporting Log

Section 100

SWPPP Certifications and Approval

100.1 SWPPP Certification by Preparer

Project Name: BECC - CITY OF HOLTVILLE - ALAMO RIVER SWPPP AND CLEAN-UP PROJECT

Project Number: THG 116.312E

"I certify under a penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Preparer's Signature

Date

James G. "Jack" Holt, P.E.
Preparer's Name and Title

(760) 337-3883
Telephone Number

100.2 Owner Approval and Certification of SWPPP

**Owner's (or Authorized Representative)
Approval and Certification of the
Storm Water Pollution Prevention Plan**

Project Name: BECC - CITY OF HOLTVILLE - ALAMO RIVER SWPPP AND
CLEAN-UP PROJECT

Project Number: THG 116.312E

"I certify under a penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Owner (or Authorized Representative) Signature

Date

James G. "Jack" Holt, P.E.

Name and Title

(760) 337-3883

Telephone Number

100.3 Annual Compliance Certification

By July 1 of each year, the Owner shall complete an Annual Certification of Compliance stating compliance with the terms and conditions of the Permit and the SWPPP. The blank Annual Certification of Compliance Form is included in Attachment M. Completed Annual Certifications of Compliance and Approvals can be found in the following pages.

Section 200

SWPPP Amendments

200.1 SWPPP Amendment Certification and Approval

This SWPPP shall be amended:

- Whenever there is a change in construction or operations which may affect the discharge of pollutants to surface waters, groundwater(s), or a municipal separate storm sewer system (MS4); or
- If any condition of the Permits is violated or the general objective of reducing or eliminating pollutants in storm water discharges has not been achieved. If the RWQCB determines that a Permit violation has occurred, the SWPPP shall be amended and implemented within 14-calendar days after notification by the RWQCB;
- Annually, prior to the defined rainy season; and
- When deemed necessary by the Owner.

The following items will be included in each amendment:

- Who requested the amendment.
- The location of proposed change.
- The reason for change.
- The original BMP proposed, if any.
- The new BMP proposed.

The amendments for this SWPPP, along with the Owner's Certification and the Owner approval, can be found in the following pages. Amendments are listed in the Amendment Log in section 200.2

SWPPP Amendment No.

Project Name: BECC - CITY OF HOLTVILLE - ALAMO RIVER SWPPP AND
CLEAN-UP PROJECT

Project Number: THG 116.312E

**Preparer Certification of the
Storm Water Pollution Prevention Plan Amendment**

"I certify under a penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

<hr/> Preparer's Signature	<hr/> Date
<hr/> Preparer's Name and Title	<hr/> Telephone Number

**Owner (or Owner's Authorized Representative) Approval of the
Storm Water Pollution Prevention Plan Amendment**

"I certify under a penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

<hr/> Owner (or Authorized Representative) Signature	<hr/> Date
<hr/> Name and Title	<hr/> Telephone Number

Section 300

Introduction and Project Description

300.1 Introduction and Project Description

The purpose and intent of this project is to prepare and implement a storm water pollution prevention plan (SWPPP) and for the clean-up of brush and debris in the area of the proposed pedestrian trail along the Alamo River in Holtville, California. The SWPPP best management practices mitigating measures as illustrated on sheets 6 and 7 shall assist in preventing erosion from stormwater events along the Alamo River Trail.

The contractor shall provide and install all the fiber rolls at the locations designated on the project plans and details. The contractor shall provide and install the silt fence at the locations designated on the project plans. Any variations must be approved by the Engineer. The contractor shall provide any of the SWPPP related material items required by the contract documents. A separate item has been listed on the proposal forms to be submitted by the contractor at the bid time for SWPPP material items. The separate items are to include the cost of the SWPPP implementation materials (fiber rolls, silt fence, wood stakes, tire grates and similar material items). The contractor shall submit an itemized list of the SWPPP implementation materials with the first payment request submitted to the Engineer. The itemized list shall equal the bid amount listed on the contractors bid schedule of the proposal forms.

The contractor shall provide a water truck and provide continuous dust control to ensure compliance with the Imperial County Air Pollution Control District requirements.

The contractor shall immediately remove any dirt or mud that has been tracked onto the city streets or county roads by trucks or equipment. The contractor shall provide tire grates as required by the Engineer or as illustrated on the plans.

The contractor shall remove and dispose of the brush, debris and trash along the Alamo River Trail within the project area as illustrated on the plans. The contractor shall provide weight tickets of the disposed concrete debris to the Engineer. The concrete debris shall be disposed at a recycling facility approved by the Engineer.

The contractor shall provide and install a project identity sign, a general contractor identity sign and an employee sign with federal and state required posters and notices, prior to mobilization. The Engineer shall determine the location and orientation of the project sign.

The contractor may stage his/her equipment and material in the Public Works Yard located at 204 West Fourth Street at a location designated by the Public Works Supervisor.

Compacted native earth embankment shall be placed at two locations as illustrated on the plans to mitigate stormwater runoff damage in compliance with the SWPPP document.

The contractor shall utilize the road at the property located south of the Orchard Road Bridge on the west side of Orchard Road, to allow the removal of brush and debris from south side of the Alamo River.

The landscaping is to be placed along the length of the Alamo River Trail by the City of Holtville, Public Works staff after SWPPP and clean-up activities are completed. The installation of the landscaping is not the responsibility of the contractor.

300.2 Unique Site Features

The project site is adjacent to Alamo River. The proposed natural trail crosses the river twice.

300.3 Construction Site Estimates

The following are estimates of the construction site:

Construction site area	<u>14.78</u>	acres
Percentage impervious area before construction	<u>0.0</u>	%
Runoff coefficient before construction ⁽¹⁾	<u>0.32</u>	
Percentage impervious area after construction	<u>0.0</u>	%
Runoff coefficient after construction ⁽¹⁾	<u>0.32</u>	
Anticipated storm water flow on to the construction site ⁽²⁾	<u>2.13</u>	cfs

⁽¹⁾ Calculations are shown in Attachment D

⁽²⁾ Calculations are shown in Attachment E

300.4 Project Schedule/Water Pollution Control Schedule

CLICK AND TYPE EITHER NARRATIVE PROJECT SCHEDULE OR STATE THAT THE GRAPHIC SCHEDULE IS ON THE FOLLOWING PAGE. ADD PAGE BREAKS AS NEEDED TO MAKE SURE THAT THE PAGE NUMBERING IS CONSISTENT THROUGHOUT THE DOCUMENT.

300.5 Contact Information/List of Responsible Parties

The Storm Water Pollution Prevention Manager (SWPPM) assigned to this project is:

Insert SWPPM's Name-then TAB.

Insert Telephone Number(s)-then TAB.

Insert Contractor's Company Name-then TAB.

Insert Address 1 then press ENTER to insert Address 2 or TAB to next field.

Insert City, State, ZIP-then TAB.

The SWPPM shall have primary responsibility and significant authority for the implementation, maintenance, inspection and amendments to the approved SWPPP. The SWPPM will be available at all times throughout the duration of the project. Duties of the SWPPM include but are not limited to:

- Ensuring full compliance with the SWPPP and the Permit
- Implementing all elements of the SWPPP, including but not limited to:
 - Implementation of prompt and effective erosion and sediment control measures
 - Implementing all non-storm water management, and materials and waste management activities such as: monitoring discharges (dewatering, diversion devices); general site clean-up; vehicle and equipment cleaning, fueling and maintenance; spill control; ensuring that no materials other than storm water are discharged in quantities which will have an adverse effect on receiving waters or storm drain systems; etc.
- Pre-storm inspections
- Storm event inspections
- Post-storm inspections
- Routine inspections as specified in the project's specifications or described in the SWPPP
- Updates/ Amendments to the SWPPP, as needed
- Preparing annual compliance certification for owner's, or owner's authorized representative, signature
- Ensuring elimination of all unauthorized discharges

- The SWPPM shall be assigned authority by the Contractor to mobilize crews in order to make immediate repairs to the control measures
- Coordinate with the Contractor to assure all of the necessary corrections/repairs are made immediately, and that the project complies with the SWPPP, the Permit and approved plans at all times
- Submitting Notices of Discharge and reports of Illicit Connections or Illegal Discharges

Section 400

References

The following documents are made a part of this SWPPP by reference:

- Project plans and specifications No. THG 116.312E, dated May 10, 2010, prepared by The Holt Group, Inc.
- State Water Resources Control Board (SWRCB) Order No. 99-08-DWQ, National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000002, Waste Discharge Requirements (WDRs) for Discharges of Storm Water Runoff Associated with Construction Activity.
- California Stormwater BMP Handbook - Construction, January 2003
- Modification of Water Quality Order 99-08-DWQ State Water Resources Control Board (SWRCB) National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction Activity (General Permit) to Include Small Construction Activity (One to Five Acres)
- State Water Resources Control Board Resolution No. 2001-046. Modification of Water Quality Order 99-08-DWQ State Water Resources Control Board (SWRCB) National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction Activity
- California Stormwater BMP Handbook - Construction, January 2003
- Storm Water Management for Construction Activities - Developing Pollution Prevention Plans and Best Management Practices, USEPA 832-R-92-005, October 1992.

Section 500

Body of SWPPP

500.1 Objectives

This Storm Water Pollution Prevention Plan (SWPPP) has six main objectives:

- Identify all pollutant sources, including sources of sediment that may affect the quality of storm water discharges associated with construction activity (storm water discharges) from the construction site, and
- Identify non-storm water discharges, and
- Identify, construct, implement in accordance with a time schedule, and maintain Best Management Practices (BMPs) to reduce or eliminate pollutants in storm water discharges and authorized non-storm water discharges from the construction site during construction, and
- Develop a maintenance schedule for BMPs installed during construction designed to reduce or eliminate pollutants after construction is completed (post-construction BMPs).
- Identify a sampling and analysis strategy and sampling schedule for discharges from construction activity which discharge directly into water bodies listed on Attachment 3 of the Permit (Clean Water Act Section 303(d) [303(d)] Water Bodies listed for Sedimentation).
- For all construction activity, identify a sampling and analysis strategy and sampling schedule for discharges that have been discovered through visual monitoring to be potentially contaminated by pollutants not visually detectable in the runoff.

This SWPPP conforms with the required elements of the General Permit No. CAS000002 issued by the State of California, State Water Resources Control Board (SWRCB). This SWPPP will be modified and amended to reflect any amendments to the Permit or any changes in construction or operations that may affect the discharge of pollutants from the construction site to surface waters, groundwaters, or the municipal separate storm sewer system (MS4). The SWPPP will also be amended if it is in violation of any condition of the Permit or has not achieved the general objective of reducing pollutants in storm water discharges. The SWPPP shall be readily available on-site for the duration of the project.

500.2 Vicinity Map

The construction project vicinity map showing the project location, surface water boundaries, geographic features, construction site perimeter, and general topography, is located in Attachment A. The project's Title Sheet provides more detail regarding the project location and is also included in Attachment A.

500.3 Pollutant Source Identification and BMP Selection

500.3.1 Inventory of Materials and Activities that May Pollute Storm Water

The following is a list of construction materials that will be used and activities that will be performed that will have the potential to contribute pollutants, other than sediment, to storm water runoff (control practices for each activity are identified in the Water Pollution Control Drawings (WPCDs) and/or in Sections 500.3.4 through 500.3.9):

- Vehicle fluids, including oil, grease, petroleum, and coolants
- BMP materials
- General litter
- Base and subbase material
- P.C.C. rubble
- P.C.C.
-

Construction activities that have the potential to contribute sediment to storm water discharges include:

- Clear and grub operations
- Grading operations
- Landscaping operations
- Construction material delivery, storage and use
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-
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Attachment C lists all Best Management Practices (BMPs) that have been selected for implementation in this project. Implementation and location of BMPs are shown on the WPCDs in Attachment B. Narrative descriptions of BMPs to be used during the project are listed by category in each of the following SWPPP sections. Attachment Q includes a list, and/or copies of the fact sheets of all the BMPs selected for this project.

500.3.2 Existing (pre-construction) Control Measures

The following are existing (pre-construction) control measures encountered within the project site:

- There are no existing (pre-construction) control measures encountered within the project site.
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-
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500.3.3 Nature of Fill Material and Existing Data Describing the Soil

Existing site features that, as a result of past usage, may contribute pollutants to storm water (e.g., toxic materials that are known to have been treated, stored, disposed, spilled, or leaked onto the construction site) include:

- Trash and debris dumped on the river bank and in the water
-

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500.3.4 Erosion Control

Erosion control, also referred to as soil stabilization, consists of source control measures that are designed to prevent soil particles from detaching and becoming transported in storm water runoff. Erosion control BMPs protect the soil surface by covering and/or binding soil particles. This project will incorporate erosion control measures required by the contract documents, and other measures selected by the Contractor, SWPPP Manager, or Owner. This project will implement the following practices for effective temporary and final erosion control during construction:

- 1) Preserve existing vegetation where required and when feasible.
- 2) Apply temporary erosion control to remaining active and non-active areas as required by the California Stormwater BMPs Handbook – Construction, and the contract documents. Reapply as necessary to maintain effectiveness.
- 3) Implement temporary erosion control measures at regular intervals throughout the defined rainy season to achieve and maintain the contract’s disturbed soil area requirements. Implement erosion control prior to the defined rainy season.
- 4) Stabilize non-active areas as soon as feasible after the cessation of construction activities.
- 5) Control erosion in concentrated flow paths by applying erosion control blankets, erosion control seeding, and lining swales as required in the contract documents.
- 6) Apply seed to areas deemed substantially complete by the Owner during the defined rainy season.
- 7) At completion of construction, apply permanent erosion control to all remaining disturbed soil areas.

Sufficient erosion control materials will be maintained on-site to allow implementation in conformance with Permit requirements and described in this SWPPP. This includes implementation requirements for active areas and non-active areas that require deployment before the onset of rain.

Implementation and locations of temporary erosion control BMPs are shown on the Water Pollution Control Drawings (WPCDs) in Attachment B and/or described in this section. The BMP Consideration Checklist in Attachment C indicates the BMPs that will be implemented to control erosion on the construction site; these are:

- EC-1, Scheduling
- EC-2, Preservation of Existing Vegetation
-
-
-
-

Implementation of Erosion Control BMPs

BMPs will be deployed in a sequence to follow the progress of clear and grub operations and grading. As the locations of soil disturbance change, erosion and sedimentation controls will be adjusted accordingly to control storm water runoff at the downgrade perimeter. BMPs will be mobilized as follows:

Year-round:

The Storm Water Pollution Prevention Manager (SWPPM) will monitor weather using National Weather Service reports to track conditions and alert crews to the onset of rainfall events.

500.3.5 Sediment Control

Sediment controls are structural measures that are intended to complement and enhance the selected erosion control measures and reduce sediment discharges from active construction areas. Sediment controls are designed to intercept and settle out soil particles that have been detached and transported by the force of water. This project will incorporate sediment control measures required by the contract documents, and other measures selected by the Contractor, SWPPP Manager, or Owner.

Sufficient quantities of temporary sediment control materials will be maintained on-site throughout the duration of the project, to allow implementation of temporary sediment controls in the event of predicted rain, and for rapid response to failures or emergencies, in conformance with other Permit requirements and as described in this SWPPP. This

includes implementation requirements for active areas and non-active areas before the onset of rain.

Implementation and locations of temporary sediment control BMPs are shown on the Water Pollution Control Drawings (WPCDs) in Attachment B. The BMP Consideration Checklist in Attachment C indicates all the BMPs that will be implemented to control sediment on the construction site; these are:

- SE-1, Silt fence
- SE-5, Fiber rolls
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-
-
-
-

Implementation of Temporary Sediment Controls

Temporary sediment control BMPs will be deployed according to the schedule shown in SWPPP Section 300.4.

During the rainy season, temporary sediment controls will be implemented at the toe of slopes, along the bank of Alamo River and at outfall areas at all times.

During the non-rainy season, temporary sediment controls will be implemented at storm drain downstream and along the bank of Alamo River before rain events.

As shown on the WPCDs, silt fences will be deployed along the toe of exterior slopes to filter storm water runoff.

During the non-rainy season, in the event of a predicted storm, the following temporary sediment control material will be maintained on-site: silt fence materials and fiber rolls.

500.3.6 Tracking Control

The following BMPs have been selected to reduce sediment tracking from the construction site onto private or public roads:

- SE-7, Street Sweeping and Vacuuming
- TC-1, Stabilized Construction Entrance/Exit
- TC-2, Stabilized Construction Roadway
- TC-3, Entrance/Outlet Tire Wash

BMPs to Reduce Sediment Tracking

Stabilized Construction Entrance/Exit

A stabilized construction entrance/exit will be constructed and maintained at construction site entrances and exits as shown on the site map.

The site entrance/exit will be stabilized to reduce tracking of sediment as a result of construction traffic. The entrance will be designated and graded to prevent runoff from leaving the site. Stabilization material will be 3 to 6-inch aggregate. The entrance will be flared where it meets the existing road to provide an adequate turning radius. During dirt hauling activities that extend over a one-week time period, a site entrance /exit will be installed to reduce tracking of sediment.

Stabilized Construction Roadway

The construction roadway through the site will also be designated and stabilized to prevent erosion and to control tracking of mud and soil material onto adjacent roads. The roadway will be clearly marked for limited speed to control dust. Refer to the WPCDs for entrance / exit and construction roadway locations. Stabilization material will be 3 to 6-inch aggregate. A regular maintenance program will be conducted to replace sediment-clogged stabilization material with new stabilization material.

Entrance/Outlet Tire Wash

An entrance / outlet tire wash station will be used to ensure that sediment tracking to public streets is minimized.

Road Cleaning BMPs - Street Sweeping and Vacuuming

Road sweeping and vacuuming will occur during soil hauling and as necessary to keep street surface clear of soil and debris. Washing of sediment tracked onto streets into storm drains will not occur.

500.3.7 Wind Erosion Control

The following BMPs have been selected to control dust from the construction site:

- WE-1, Wind Erosion Control
-
-

BMP WE-1, Wind Erosion Control, and BMP NS-1, Water Conservation Practices, will be implemented to provide dust control and prevent discharges from dust control activities and water supply equipment. Water application rates will be minimized as necessary to prevent runoff and ponding and water equipment leaks will be repaired immediately.

During windy conditions (forecast or actual wind conditions of approximately 25 mph or greater), dust control will be applied to adequately control wind erosion.

500.3.8 Non-Storm Water Control

An inventory of construction activities and potential non-storm water discharges is provided in Section 5.3.1. The BMP Consideration Checklist in Attachment C and the following list indicates the BMPs that have been selected to control non-storm water pollution on the construction site. Implementation and locations of some non-storm water control BMPs are shown on the Water Pollution Control Drawings (WPCDs) in Attachment B. A narrative description of each BMP follows.

- NS-6, Illicit Connection/Illegal Discharge Detection and Reporting
- NS-8, Vehicle and Equipment Cleaning
- NS-9, Vehicle and Equipment Fueling
- NS-10, Vehicle and Equipment Maintenance
- NS-1, Water Conservation Practices
- NS-15, Demolition Adjacent to Water
- NS-3, Paving and Grinding Operation

■

Illicit Connection/Illegal Discharge Detection and Reporting

The Contractor will implement BMP NS-6, Illicit Connection/Illegal Discharge Detection and Reporting throughout the duration of the project.

Vehicle and Equipment Operations

Several types of vehicles and equipment will be used on-site throughout the project, including trucks, backhoe, loader and excavator. BMPs NS-9, Vehicle and Equipment Fueling, and NS-10, Vehicle and Equipment Maintenance will be utilized to prevent discharges of fuel and other vehicle fluids.

All self-propelled vehicles will be fueled off-site. Fuel trucks, each equipped with absorbent spill clean-up materials, will be used for all on-site fueling. Drip pans will be used for all mobile fueling.

Drip pans or absorbent pads will be used for all vehicle and equipment maintenance activities that involve grease, oil, solvents, or other vehicle fluids.

All vehicle maintenance and mobile fueling operations will be conducted at least 50 feet away from operational inlets and drainage facilities and on a level graded area.

Demolition Adjacent to Water

Trash and debris illegally dumped on the bank of Alamo river will be demolished at the first phase of this project. During demolition, discharge of fuel or other vehicle fluids from the equipment or machines used shall not occur.

Concrete Work

There will be limited amount of concrete used in construction of the slabs of two (2) proposed restrooms and pilings of two (2) proposed pre-fabricated bridges. Although the amount of concrete used will be small, cautions have to be paid to be sure that concrete, concrete washout and residue are handled well.

500.3.9 Waste Management and Materials Pollution Control

An inventory of construction activities, materials, and wastes is provided in Section 5.3.1. The BMP Consideration Checklist in Attachment C and the following list indicates the

BMPs that have been selected to handle materials and control construction site wastes. A narrative description of each BMP follows.

- WM-1, Material Delivery and Storage
- WM- 2, Material Use
- WM-3, Stockpile Management
- WM-4, Spill Prevention and Control
- WM-5, Solid Waste Management
- WM-9, Sanitary/Septic Waste Management
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-
-
-

Material Delivery, Storage, and Use

In general, BMPs WM-1 and WM-2 will be implemented to help prevent discharges of construction materials during delivery, storage, and use. There will be no on-site storage. The contractor will bring the materials they need to finish that day's job to the job site everyday. Service trucks or trailers may be used as material delivery and mobile storage methods.

Spill clean-up materials, material safety data sheets, a material inventory, and emergency contact numbers will be maintained and stored in the service trucks or trailers.

Spill Prevention and Control

BMP WM-4, Spill Prevention and Control, will be implemented to contain and clean-up spills and prevent material discharges to the storm drain system. Spill prevention is also discussed above in Material Delivery, Storage, and below in the following waste management and equipment maintenance sections.

Waste Management

BMP WM-5, Solid Waste Management, and BMP WM-6, Hazardous Waste Management will be implemented to minimize storm water contact with waste materials and prevent waste discharges. Solid wastes will be loaded directly into trucks for off-site disposal. Hazardous wastes will be kept in appropriate and clearly marked containers and segregated from other non-waste materials.

Sanitary and Septic Wastes

The contractor will implement BMP WM-9, Sanitary Septic Waste Management, and portable toilets will be located as shown on WPCD. Weekly maintenance will be provided and waste will be disposed off-site. The toilets will be located away from concentrated flow paths and traffic flow.

Concrete Residuals and Washout Wastes

Discharge of concrete washout will consist of rinse water and residual concrete (Portland cement, aggregates, admixture, and water). Concrete pours will not be conducted during or immediately prior to rainfall events. BMP WM-8, Concrete Waste Management, will be implemented. Because the amount of concrete used is small, a portable concrete washout facility will be selected for this project. All excess concrete and concrete washout slurries will be discharged to the washout facility for drying. BMP maintenance, waste disposal, and BMP removal will be conducted as described in WM-8. Concrete waste solids/liquids will be removed and disposed of as required by WM-8.

500.3.10 Cost Breakdown for Water Pollution Control

A cost breakdown itemizing the contract lump sum for water pollution control has been developed for this project and included in Attachment O. The cost breakdown reflects the items of work, quantities and costs for BMPs shown in the SWPPP, except for those construction site BMPs and permanent BMPs that are shown on the project plans and for which there is a contract item of work.

500.4 Water Pollution Control Drawings (WPCDs)

The Water Pollution Control Drawings can be found in Attachment B of the SWPPP.

500.5 Construction BMP Maintenance, Inspection, and Repair

Inspections will be conducted as follows:

- Prior to a forecast storm

- after a rain event that causes runoff from the construction site
- at 24-hour intervals during extended rain events
- at any other time(s) or intervals of time specified in the contract documents

Completed inspection checklists will be kept with the SWPPP.

A tracking or follow-up procedure shall follow any inspection that identifies deficiencies in BMPs. A program for Maintenance, Inspection and Repair of BMPs is shown in Attachment G.

500.6 Post-Construction Storm Water Management

500.6.1 Post-Construction Control Practices

The following are the post-construction BMPs that are to be used at this construction site after all construction is complete:

- Silt fences and fiber rolls installed during construction as sediment control will continue to be used as sediment control after the project completes.
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-
-
-
-

500.6.2 Operation/Maintenance after Project Completion

The post-construction BMPs that are described above will be funded and maintained by Short Term Funding: Will be the responsibility of the Contractor

Long Term Funding: City of Holtville

500.7 Training

Section 300.5 shows the name of the Contractor's Storm Water Pollution Prevention Manager (SWPPM). This person has received the following training:

- LIST
-
-
-

The training log showing formal and informal training of various Contractor personnel is shown in Attachment I.

INSERT HERE ANY ADDITIONAL TEXT REGARDING TRAINING OF PERSONNEL.

This SWPPP was prepared by James G. "Jack" Holt, P.E. #31773, and Xiangjun Xu, E.I.T, with The Holt Group, Inc. Xu has completed CalTrans 24-hour SWPPP training provided by Global Environmental Network, Inc., Santa Ana, California. Xu has been involved in SWPPP preparation since 2009 .

500.8 List of Subcontractors

All contractors and subcontractors will be notified of the requirement for storm water management measures during the project. A list of contractors will be maintained and included in the SWPPP. If subcontractors change during the project, the list will be updated accordingly. The subcontractor notification letter and log is included in the SWPPP as Attachment J.

500.9 Other Plans/Permits

Attachment N includes copies of other local, state, and federal plans and permits. Following is a list of the plans and permits included in Attachment N:

- State Water Resources Control Board (SWRCB) Order No. 99-08-DWQ, National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000002, Waste Discharge Requirements (WDRs) for Discharges of Storm Water Runoff Associated with Construction Activity.

Section 600

Monitoring Program and Reports

600.1 Site Inspections

The SWPPM will inspect the site prior to a forecast storm, after a rain event that causes runoff from the construction site, at 24-hour intervals during extended rain events, and as specified in the contract documents. The results of all inspections and assessments will be documented. Copies of the completed inspection checklists will be maintained with the SWPPP. Site inspections conducted for monitoring purposes will be performed using the inspection checklist shown in Attachment H.

The name(s) and contact number(s) of the assigned inspection personnel are listed below:

Assigned inspector: NAME OF INSPECTOR Contact phone: TELEPHONE NUMBER

600.2 Non-Compliance Reporting

If a discharge occurs or if the project receives a written notice of non-compliance, the Contractor will immediately notify the Owner and will file a written report to the Owner within 7 days of the discharge or notice. The Owner is responsible for filing a written report to the Regional Water Quality Control Board (RWQCB) within 30 days of identification of non-compliance. Corrective measures will be implemented immediately following the discharge, notice or order. A sample Notice of Non-Compliance (NONC) form is provided in Attachment K. All discharges will be documented on a Discharge Reporting Log using the example form in Attachment T.

The report to the Owner and to the RWQCB will contain the following items:

- The date, time, location, nature of operation, and type of unauthorized discharge, including the cause or nature of the notice or order,
- The control measures (BMPs) deployed before the discharge event, or prior to receiving notice or order,
- The date of deployment and type of control measures (BMPs) deployed after the discharge event, or after receiving the notice or order, including additional measures installed or planned to reduce or prevent re-occurrence, and
- An implementation and maintenance schedule for any affected BMPs

600.3 Record Keeping and Reports

Records shall be retained for a minimum of three years for the following items:

- Site inspections
- Compliance certifications
- Discharge reports
- Approved SWPPP document and amendments

600.4 Sampling and Analysis Plan for Sediment

This project does have the potential to discharge directly to a water body listed as impaired due to Sedimentation/Siltation and/or Turbidity pursuant to Clean Water Act, Section 303(d).

600.4.1 Scope of Monitoring Activities

This project discharges directly into Alamo River, a water body listed as impaired due to Sedimentation/Siltation pursuant to Clean Water Act, Section 303(d). This Sampling and Analysis Plan (SAP) has been prepared pursuant to the requirements of the General Permit (including Resolution 2001-046). The SAP describes the sampling and analysis strategy and schedule for monitoring Sedimentation/Siltation in the 303(d) listed water body and potential increases in the Sedimentation/Siltation levels caused by storm water discharges from the project site.

The project has the potential for direct (concentrated) storm water discharges to Alamo River at the following locations, as shown on the WPCDs in Attachment B.

- Along Alamo River within the project's boundary
-
-

The project does not receive run-on with the potential to combine with storm water that discharges directly to the 303(d) listed water body.

The project receives run-on with the potential to combine with storm water that discharges directly to the 303(d) listed water body at the following locations, as shown on the WPCDs in Attachment B:

- City storm water outfall

-
-

600.4.2 Monitoring Strategy

Sampling Schedule

Upstream, downstream, discharge, and run-on samples, if applicable, shall be collected for Sedimentation/Siltation during the first two hours of discharge from rain events that result in a direct discharge from the project site to Alamo River. Samples shall be collected during daylight hours (sunrise to sunset) and shall be collected regardless of the time of the year, status of the construction site, or day of the week.

All storm events that occur during daylight hours will be sampled up to a maximum of four rain events within a 30-day period. In conformance with the U.S. Environmental Protection Agency definition, a minimum of 72 hours of dry weather will be used to distinguish between separate rain events.

Sampling Locations

Sampling locations are based on proximity to identified discharge or run-on location(s), accessibility for sampling, personnel safety, and other factors in accordance with the applicable requirements in the General Permit. Sampling locations are shown on the WPCDs and include:

- A sample location (designated number #1) is upstream of all direct discharge from the construction site for the collection of a control sample to be analyzed for the prevailing condition of the receiving water without any influence from the construction site. The control sample will be used to determine the background levels of Sedimentation/Siltation in the 303(d) listed water body upstream of the project, if any.
 - Sample location number #1 is located upstream of the project, adjacent to east end of project boundary.
- A sample location (designated number #2) is immediately downstream from the last point of direct discharge from the construction site for the collection of a sample to be analyzed for potential increases in Sedimentation/Siltation in the 303(d) listed water body caused by the storm water discharged from the project, if any.

- Sample location number #2 is located downstream of the project, right before the Evan Hewes Highway Bridge.

- One (1) sampling location(s) (designated number(s) #3) has been identified for the collection of samples of run-on to the project site with the potential to combine with discharges from the construction site in other than MS4 to the 303(d) water body. These samples will identify potential Sedimentation/Siltation that originates off the project site and contributes to direct storm water discharges from the construction site to the 303(d) listed water body.
 - Sample location number is located .
 - If needed Sample location number is located .
 - Sample location number is located .

600.4.3 Monitoring Preparation

Samples on the project site will not be collected by Contractor sampling personnel:
Samples on the project site will be collected by the following ATS Laboratories:

Company Name: ATS Laboratories
Address: 106 South 8th Street
 Brawley, CA 92227
Telephone Number: (760) 344-2532, Fax: (760) 344-3459
Point of Contact: Linda Conaway

Qualifications of designated Contractor personnel describing environmental sampling training and experience are provided in Attachment I.

SWPPM will contact ATS Laboratories 1 hours prior to a predicted rain event to ensure that adequate sample collection personnel, supplies and field test equipment for monitoring Sedimentation/Siltation are available and will be mobilized to collect samples on the project site in accordance with the sampling schedule.

ATS Laboratories will obtain and maintain the field-testing instruments, as identified in Section 600.4.5, for analyzing samples in the field by their sampling personnel.

600.4.4 Sample Collection and Handling

Sample Collection Procedures

Grab samples will be collected and preserved in accordance with the methods identified in Table 600-1, "Sample Collection, Preservation and Analysis for Monitoring Sedimentation/Siltation and/or Turbidity" provided in Section 600.4.5. Only personnel trained in proper water quality sampling will collect samples.

Upstream samples will be collected to represent the condition of the water body upgradient of the construction site. Downstream samples will be collected to represent the water body mixed with direct flow from the construction site. Samples will not be collected directly from ponded, sluggish, or stagnant water.

Upstream and downstream samples will be collected using one of the following methods:

- Placing a sample bottle directly into the stream flow in or near the main current upstream of sampling personnel, and allowing the sample bottle to fill completely;

OR,

- Placing a decontaminated or 'sterile' bailer or other 'sterile' collection device in or near the main current to collect the sample, and then transferring the collected water to appropriate sample bottles, allowing the sample bottles to fill completely.

Run-on samples, if applicable, will be collected to identify potential sedimentation/siltation and/or turbidity that originates off the project site and contributes to direct discharges from the construction site to the 303(d) listed water body. Run-on samples will be collected downgradient and within close proximity of the point of run-on to the project by pooling or ponding water and allowing the ponded water to spill over into sample bottles directly in the stream of water.

To maintain sample integrity and prevent cross-contamination, sampling collection personnel will:

- Wear a clean pair of surgical gloves prior to the collection and handling of each sample at each location.
- Not contaminate the inside of the sample bottle by not allowing it to come into contact with any material other than the water sample.

- Discard sample bottles or sample lids that have been dropped onto the ground prior to sample collection.
- Not leave the cooler lid open for an extended period of time once samples are placed inside.
- Not touch the exposed end of a sampling tube, if applicable.
- Avoid allowing rainwater to drip from rain gear or other surfaces into sample bottles.
- Not eat, smoke, or drink during sample collection.
- Not sneeze or cough in the direction of an open sample bottle.
- Minimize the exposure of the samples to direct sunlight, as sunlight may cause biochemical transformation of the sample to take place.
- Decontaminate sampling equipment prior to sample collection using a TSP-soapy water wash, distilled water rinse, and final rinse with distilled water.
- Dispose of decontamination water/soaps appropriately; i.e., not discharge to the storm drain system or receiving water.

Sample Handling Procedures

Immediately following collection, sample bottles for laboratory analytical testing will be capped, labeled, documented on a Chain of Custody (COC) form provided by the analytical laboratory, sealed in a re-sealable plastic storage bag, placed in an ice-chilled cooler, at as near to 4 degrees Celsius as practicable, and delivered within 24 hours to the following California state-certified laboratory:

Laboratory Name: ATS Laboratories
Address: 106 South 8th Street
 Brawley, CA 92227
Telephone Number: (760) 344-2532, Fax: (760) 344-3459
Point of Contact: Linda Conaway

Sample Documentation Procedures

All original data documented on sample bottle identification labels, Chain of Custody forms, Sampling Activity Logs, and Inspection Checklists will be recorded using waterproof ink. These will be considered accountable documents. If an error is made on an accountable document, the individual will make corrections by lining through the error and entering the correct information. The erroneous information will not be obliterated. All corrections will be initialed and dated. Copies of the Sampling Activity Log and Chain of Custody form are provided in Attachment R. Sampling and field analysis activities will be documented using the following:

- Sample Bottle Identification Labels: Sampling personnel will attach an identification label to each sample bottle. At a minimum, the following information will be recorded on the label, as appropriate:
 - Project name
 - Project number
 - Unique sample identification number and location.
[Project Number]-[Six digit sample collection date]-[Location]
(*Example: 0G5304-081801-Upstream*).
 - Quality assurance/quality control (QA/QC) samples shall be identified similarly using a unique sample number or designation
(*Example: 0G5304-081801-DUP1*).
 - Collection date/time (No time applied to QA/QC samples)
 - Analysis constituent

- Sampling Activity Logs: A log of sampling events will identify:
 - Sampling date
 - Separate times for sample collection of upstream, downstream, run-on, and QA/QC samples recorded to the nearest minute
 - Unique sample identification number and location
 - Analysis constituent
 - Names of sampling personnel
 - Weather conditions (including precipitation amount)
 - Field analysis results
 - Other pertinent data

- Chain of Custody (COC) forms: All samples to be analyzed by a laboratory will be accompanied by a COC form provided by the laboratory. Only the sample collectors will sign the COC form over to the lab. COC procedures will be strictly adhered to for QA/QC purposes.

- Storm Water Quality Construction Inspection Checklists: When applicable, the Contractor's storm water inspector will document on the checklist that samples for sedimentation/siltation and/or turbidity were taken during a rain event.

600.4.5 Sample Analysis

Samples will be analyzed for the constituents indicated in Table 600-1, "Sample Collection, Preservation and Analysis for Monitoring Sedimentation/Siltation and/or Turbidity".

**Table 600-1
Sample Collection, Preservation and Analysis for Monitoring Sedimentation/Siltation and/or Turbidity**

Constituent ⁽¹⁾	Analytical Method	Test to be Used?	Sample Preservation	Minimum Sample Volume	Sample Bottle	Maximum Holding Time	Reporting Limit
(a) Suspended Sediment Concentration (SSC)	ASTM D3977-97	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Store at 4° C (39.2° F)	200 mL	Contact Laboratory	7 days	Contact Laboratory
(b) Settleable Solids (SS)	EPA 160.5 Std Method 2540(f)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Store at 4° C (39.2° F)	1 L	Polypropylene	48 hours	0.1 mL/L/hr
(c) Total Suspended Solids (TSS)	EPA 160.2 Std Method 2540(d)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Store at 4° C (39.2° F)	100 mL	Polypropylene	7 days	1 mg/L
(d) Turbidity	EPA 180.1 Std Method 2130(b)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Store at 4° C (39.2° F)				NTU

Notes: ⁽¹⁾ Samples shall be analyzed by using methods (b) and (c), or only method (a)

ASTM - American Society for Testing and Materials
 °C - Degrees Celsius
 °F - Degrees Fahrenheit
 EPA - U.S. Environmental Protection Agency
 L - Liter
 mL/L/hr - Milliliters per liter per hour

mg/L - Milligrams per liter
 mL - Milliliters
 NTU - Nephelometric Turbidity Unit
 Std Method - Per the *Standard Methods for the Examination of Water and Wastewater*, 20th Edition, American Water Works Association

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600.4.6 Quality Assurance/Quality Control

For an initial verification of laboratory or field analysis, duplicate samples will be collected at a rate of 10 percent or 1 duplicate per sampling event. The duplicate sample will be collected, handled, and analyzed using the same protocols as primary samples, and will be collected where contaminants are likely, and not on the upstream sample. A duplicate sample will be collected immediately after the primary sample has been collected. Duplicate samples will not influence any evaluations or conclusions; however, they will be used as a check on laboratory quality assurance.

600.4.7 Data Management and Reporting

A copy of all water quality analytical results and QA/QC data will be included in the on-site SWPPP within 5 days of sampling (for field analyses) and within 30 days of sampling (for laboratory analyses). Lab reports and COCs will be reviewed for consistency between lab methods, sample identifications, dates, and times for both primary samples and QA/QC samples. All data, including COC forms and Sampling Activity Logs, shall be kept with the SWPPP document.

600.4.8 Data Evaluation

An evaluation of the water quality sample analytical results, including figures with sample locations, the water quality analytical results, and the QA/QC data for every event that samples are collected, will be included in the on-site SWPPP. Should the downstream sample concentrations exceed the upstream sample concentrations, the Storm Water Pollution Prevention Manager or other personnel will evaluate the BMPs, site conditions, surrounding influences (including the run-on sample analysis), and other site factors to determine the probable cause for the increase.

As determined by the data and project evaluation, appropriate BMPs will be repaired or modified to mitigate increases in sediment concentrations in the water body. Any revisions to the BMPs will be recorded as an amendment to the SWPPP.

600.4.9 Change of Conditions

Whenever SWPPP monitoring, pursuant to Section B of the General Permit, indicates a change in site conditions that might affect the appropriateness of sampling locations, testing protocols will be revised accordingly. All such revisions will be recorded as amendments to the SWPPP.

600.5 Sampling and Analysis Plan for Non-Visible Pollutants

This Sampling and Analysis Plan (SAP) for Non-Visible Pollutants describes the sampling and analysis strategy and schedule for monitoring non-visible pollutants in storm water

discharges from the project site and off-site activities directly related to the project, in accordance with the requirements of Section B of the General Permit, including SWRCB Resolution 2001-046.

600.5.1 Scope of Monitoring Activities

The following construction materials, wastes or activities, as identified in Section 500.3.1, are potential sources of non-visible pollutants to storm water discharges from the project. Storage, use, and operational locations are shown on the WPCDs in Attachment B.

- Acids
- Construction debris
- Equipment parts and fluids (including hydraulic fluids and batteries)
- Non-contact cooling water
- Oil and grease
- Petroleum products
- Potable toilet waste
- Antifreeze
- P.C.C.

The following existing site features, as identified in Section 500.3.3, are potential sources of non-visible pollutants to storm water discharges from the project. Locations of existing site features contaminated with non-visible pollutants are shown on the WPCDs in Attachment B.

- None
-
-

The following soil amendments have the potential to change the chemical properties, engineering properties, or erosion resistance of the soil and will be used on the project site. Locations of soil amendment application are shown on the WPCDs in Attachment B.

- None

-
-

The project has the potential to receive storm water run-on with the potential to contribute non-visible pollutants to storm water discharges from the project. Locations of such run-on to the project site are shown on the WPCDs in Attachment B.

- City storm outfall
-
-

Sampling for non-visible pollutants will be conducted when (1) a breach, leakage, malfunction, or spill is observed; and (2) the leak or spill has not been cleaned up prior to the rain event; and (3) there is the potential for discharge of non-visible pollutants to surface waters or drainage system.

600.5.2 Monitoring Strategy

Sampling Schedule

Samples for the applicable non-visible pollutant(s) and a sufficiently large uncontaminated background sample shall be collected during the first two hours of discharge from rain events that result in a sufficient discharge for sample collection. Samples shall be collected during daylight hours (sunrise to sunset) and shall be collected regardless of the time of year, status of the construction site, or day of the week.

In conformance with the U.S. Environmental Protection Agency definition, a minimum of 72 hours of dry weather will be used to distinguish between separate rain events.

Collection of discharge samples for non-visible pollutant monitoring will be triggered when any of the following conditions are observed during the required inspections conducted before or during rain events:

- Materials or wastes containing potential non-visible pollutants are not stored under watertight conditions. Watertight conditions are defined as (1) storage in a watertight container, (2) storage under a watertight roof or within a building, or (3) protected by temporary cover and containment that prevents storm water contact and runoff from the storage area.
- Materials or wastes containing potential non-visible pollutants are stored under watertight conditions, but (1) a breach, malfunction, leakage, or spill is observed, (2) the

leak or spill is not cleaned up prior to the rain event, and (3) there is the potential for discharge of non-visible pollutants to surface waters or a storm sewer system.

- An operational activity, including but not limited to those in Section 600.5.1, with the potential to contribute non-visible pollutants (1) was occurring during or within 24 hours prior to the rain event, (2) applicable BMPs were observed to be breached, malfunctioning, or improperly implemented, and (3) there is the potential for discharge of non-visible pollutants to surface waters or a storm sewer system.
- Soil amendments that have the potential to change the chemical properties, engineering properties, or erosion resistance of the soil have been applied, and there is the potential for discharge of non-visible pollutants to surface waters or a storm sewer system.
- Storm water runoff from an area contaminated by historical usage of the site has been observed to combine with storm water runoff from the site, and there is the potential for discharge of non-visible pollutants to surface waters or a storm sewer system.

Sampling Locations

Sampling locations are based on proximity to planned non-visible pollutant storage, occurrence or use; accessibility for sampling, personnel safety; and other factors in accordance with the applicable requirements in the Permit. Planned sampling locations are shown on the WPCDs in Attachment B and include the following:

- One (1) sampling locations have been identified for the collection of samples of runoff that drain areas where soil amendments that have the potential to change the chemical properties, engineering properties, or erosion resistance of the soil will be applied.
- Sample location number(s) #1 is located upstream of the project, adjacent to east end of project boundary.
- One (1) sampling locations have been identified for the collection of samples of runoff that drain areas contaminated by historical usage of the site.
- Sample location number(s) #2 is located downstream of the project, right before the bridge.
- Zero (0) sampling locations have been identified for the collection of samples of run-on to the project site with the potential to combine with discharges being sampled for non-visible pollutants. These samples are intended to identify sources of potential non-visible pollutants that originate off the project site.
- If applicable Sample location number(s) is located .

- A location has been identified for the collection of an uncontaminated sample of runoff as a background sample for comparison with the samples being analyzed for non-visible pollutants. This location was selected such that the sample will not have come in contact with (1) operational or storage areas associated with the materials, wastes, and activities identified in Section 500.3.1; (2) potential non-visible pollutants due to historical use of the site as identified in Section 500.3.3; (3) areas in which soil amendments that have the potential to change the chemical properties, engineering properties, or erosion resistance of the soil have been applied; or (4) disturbed soils areas.
- Sample location number(s) #4 is located as shown on the WPCDs.

If an operational activity or storm water inspection conducted 24 hours prior to or during a rain event identifies the presence of a material storage, waste storage, or operations area with spills or the potential for the discharge of non-visible pollutants to surface waters or a storm sewer system that was an unplanned location and has not been identified on the WPCDs, sampling locations will be selected using the same rationale as that used to identify planned locations.

600.5.3 Monitoring Preparation

Samples on the project site will be collected by the following ATS Laboratories:

Company Name: ATS Laboratories
Address: 106 South 8th Street
 Brawley, CA 92227
Telephone Number: (760) 344-2532, Fax: (760) 344-3459
Point of Contact: Linda Conaway

Qualifications of designated Contractor personnel describing environmental sampling training and experience are provided in Attachment I.

SWPPM will contact ATS Laboratories 1 hours prior to a predicted rain event and if one of the triggering conditions is identified during an inspection before, during, or after a storm event to ensure that adequate sample collection personnel, supplies and field test equipment for monitoring non-visible pollutants are available and will be mobilized to collect samples on the project site in accordance with the sampling schedule.

ATS Laboratories will obtain and maintain the field-testing instruments, as identified in Section 600.5.6, for analyzing samples in the field by their sampling personnel.

600.5.4 Analytical Constituents

Identification of Non-Visible Pollutants

Table 600-2 lists the specific sources and types of potential non-visible pollutants on the project site and the applicable water quality indicator constituent(s) for that pollutant.

Table 600-2

Potential Non-Visible Pollutants and Water Quality Indicator Constituents

Pollutant Source	Pollutant	Water Quality Indicator Constituent
Vehicle batteries	Lead, Sulfate or pH pH, Alkalinity, VOC, SVOC, Aluminum, Calcium, Vanadium and Zinc	Lead, sulfate or pH pH, Alkalinity, VOC, SVOC, Aluminum, Calcium, Vanadium and Zinc
P.C.C.		

600.5.5 Sample Collection and Handling

Sample Collection Procedures

Samples of discharge will be collected at the designated sampling locations shown on the WPCDs for observed breaches, malfunctions, leakages, spills, operational areas, soil amendment application areas, and historical site usage areas that triggered the sampling event.

Grab samples will be collected and preserved in accordance with the methods identified in the Table 600-3, "Sample Collection, Preservation and Analysis for Monitoring Non-Visible Pollutants," provided in Section 600.5.6. Only personnel trained in proper water quality sampling will collect samples.

Samples will be collected by placing a separate lab-provided sample container directly into a stream of water downgradient and within close proximity to the potential non-visible pollutant discharge location. This separate lab-provided sample container will be used to collect water, which will be transferred to sample bottles for laboratory analysis. The

upgradient and uncontaminated background samples shall be collected first prior to collecting the downgradient to minimize cross-contamination. The sampling personnel will collect the water upgradient of where they are standing. Once the separate lab-provided sample container is filled, the water sample will be poured directly into sample bottles provided by the laboratory for the analyte(s) being monitored.

To maintain sample integrity and prevent cross-contamination, sampling collection personnel will:

- Wear a clean pair of surgical gloves prior to the collection and handling of each sample at each location.
- Not contaminate the inside of the sample bottle by not allowing it to come into contact with any material other than the water sample.
- Discard sample bottles or sample lids that have been dropped onto the ground prior to sample collection.
- Not leave the cooler lid open for an extended period of time once samples are placed inside.
- Not sample near a running vehicle where exhaust fumes may impact the sample.
- Not touch the exposed end of a sampling tube, if applicable.
- Avoid allowing rainwater to drip from rain gear or other surfaces into sample bottles.
- Not eat, smoke, or drink during sample collection.
- Not sneeze or cough in the direction of an open sample bottle.
- Minimize the exposure of the samples to direct sunlight, as sunlight may cause biochemical transformation of the sample to take place.
- Decontaminate sampling equipment prior to sample collection using a TSP-soapy water wash, distilled water rinse, and final rinse with distilled water.
- Dispose of decontamination water/soaps appropriately; i.e., not discharge to the storm drain system or receiving water.

Sample Handling Procedures

Immediately following collection, sample bottles for laboratory analytical testing will be capped, labeled, documented on a Chain of Custody form provided by the analytical laboratory, sealed in a re-sealable storage bag, placed in an ice-chilled cooler, at as near to 4

degrees Celsius as practicable, and delivered within 24 hours to the following California state-certified laboratory:

Laboratory Name: ATS Laboratories
Address: 106 South 8th Street
 Brawley, CA 92227
Telephone Number: (760) 344-2532, Fax: (760) 344-3459
Point of Contact: Linda Conaway

Sample Documentation Procedures

All original data documented on sample bottle identification labels, Chain of Custody forms, Sampling Activity Logs, and Inspection Checklists will be recorded using waterproof ink. These will be considered accountable documents. If an error is made on an accountable document, the individual will make corrections by lining through the error and entering the correct information. The erroneous information will not be obliterated. All corrections will be initialed and dated. Copies of the Sampling Activity Log and Chain of Custody form are provided in Attachment R.

Sampling and field analysis activities will be documented using the following:

- **Sample Bottle Identification Labels:** Sampling personnel will attach an identification label to each sample bottle. At a minimum, the following information will be recorded on the label, as appropriate:
 - Project name
 - Project number
 - Unique sample identification number and location.
[Project Number]-[Six digit sample collection date]-[Location]
(Example: 0G5304-081801-Inlet472).
Quality assurance/quality control (QA/QC) samples shall be identified similarly using a unique sample number or designation
(Example: 0G5304-081801-DUP1).
 - Collection date/time (No time applied to QA/QC samples)
 - Analysis constituent

- **Sampling Activity Logs:** A log of sampling events will identify:
 - Sampling date

- Separate times for collected samples and QA/QC samples recorded to the nearest minute
 - Unique sample identification number and location
 - Analysis constituent
 - Names of sampling personnel
 - Weather conditions (including precipitation amount)
 - Field analysis results
 - Other pertinent data
- Chain of Custody (COC) forms: All samples to be analyzed by a laboratory will be accompanied by a COC form provided by the laboratory. Only the sample collectors will sign the COC form over to the lab. COC procedures will be strictly adhered to for QA/QC purposes.
- Storm Water Quality Construction Inspection Checklists: When applicable, the Contractor's storm water inspector will document on the checklist that samples for non-visible pollutants were taken during a rain event.

600.5.6 Sample Analysis

Samples will be analyzed for the applicable constituents using the analytical methods identified in Table 600-3, "Sample Collection, Preservation and Analysis for Monitoring Non-Visible Pollutants" in this section.

Table 600-3

Sample Collection, Preservation and Analysis for Monitoring Non-Visible Pollutants

Constituent	Analytical Method	Minimum Sample Volume	Sample Bottle	Sample Preservation	Reporting Limit	Maximum Holding Time
pH	EPA 150.1	1 X 100 mL	Polypropylene	None	unitless	immediate
VOCs - Solvents	EPA 8260B	3 X 40 mL	VOA - Glass	Sotre at 4 deg C, HCl to pH<2	1 microgram per Liter	14 days
SVOCs	EPA 8270C	1 X 1 L	Glass - Amber	Sotre at 4 deg C	10 micrograms per Liter	7 days
Alkalinity	SM 2320B	1 X 250 mL	Polypropylene	Store at 4 deg C	1 mg/L	14 days
Metals (Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, Se, Na, Th, Va, Zn)	EPA 6010B/7470A	1 X 250 mL	Polypropylene	Store at 4 deg C, HNO3 to pH<2	0.1 mg/L	6 months
Notes: EPA-Environmental Protection Agency SVOC-Semi-Volatile Organic Compound VOC-Volatile Organic Compound						

For samples collected for field analysis, collection, analysis and equipment calibration will be in accordance with the field instrument manufacturer’s specifications.

The following field instrument(s) will be used to analyze the following constituents:

Field Instrument	Constituent

- The instrument(s) will be maintained in accordance with manufacturer’s instructions.
- The instrument(s) will be calibrated before each sampling and analysis event.
- Maintenance and calibration records will be maintained with the SWPPP.

600.5.7 Quality Assurance/Quality Control

For an initial verification of laboratory or field analysis, duplicate samples will be collected at a rate of 10 percent or 1 duplicate per sampling event. The duplicate sample will be collected, handled, and analyzed using the same protocols as primary samples. A duplicate sample will be collected at each location immediately after the primary sample has been collected. Duplicates will be collected where contamination is likely, not on the background sample. Duplicate samples will not influence any evaluations or conclusions; however, they will be used as a check on laboratory quality assurance.

600.5.8 Data Management and Reporting

A copy of all water quality analytical results and QA/QC data will be included in the on-site SWPPP within 5 days of sampling (for field analyses) and within 30 days (for laboratory analyses).

Lab reports and COCs will be reviewed for consistency between lab methods, sample identifications, dates, and times for both primary samples and QA/QC samples. All data, including COC forms and Sampling Activity Logs, shall be kept with the SWPPP.

600.5.9 Data Evaluation

An evaluation of the water quality sample analytical results, including figures with sample locations, the water quality analytical results, and the QA/QC data, will be included in the on-site SWPPP.

Should the runoff/ downgradient sample show an increased level of the tested analyte relative to the background sample, the BMPs, site conditions, and surrounding influences will be assessed to determine the probable cause for the increase. As determined by the site and data evaluation, appropriate BMPs will be repaired or modified to mitigate discharges of non-visual pollutant concentrations. Any revisions to the BMPs will be recorded as an amendment to the SWPPP.

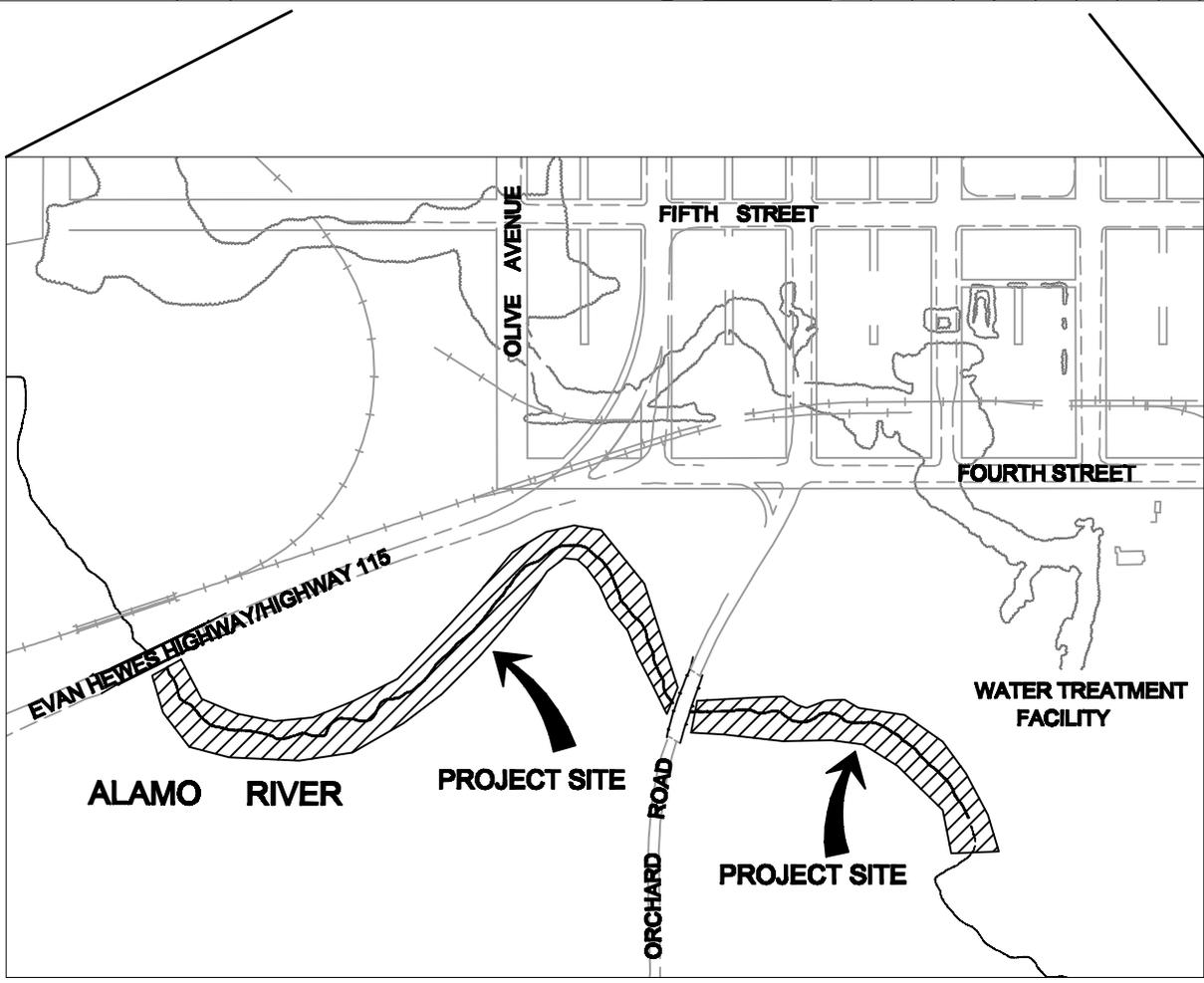
600.5.10 Change of Conditions

Whenever SWPPP monitoring, pursuant to Section B of the General Permit, indicates a change in site conditions that might affect the appropriateness of sampling locations or introduce additional non-visible pollutants of concern, testing protocols will be revised accordingly. All such revisions will be recorded as amendments to the SWPPP.

Attachment A

Vicinity Map

VICINITY MAP



Attachment B

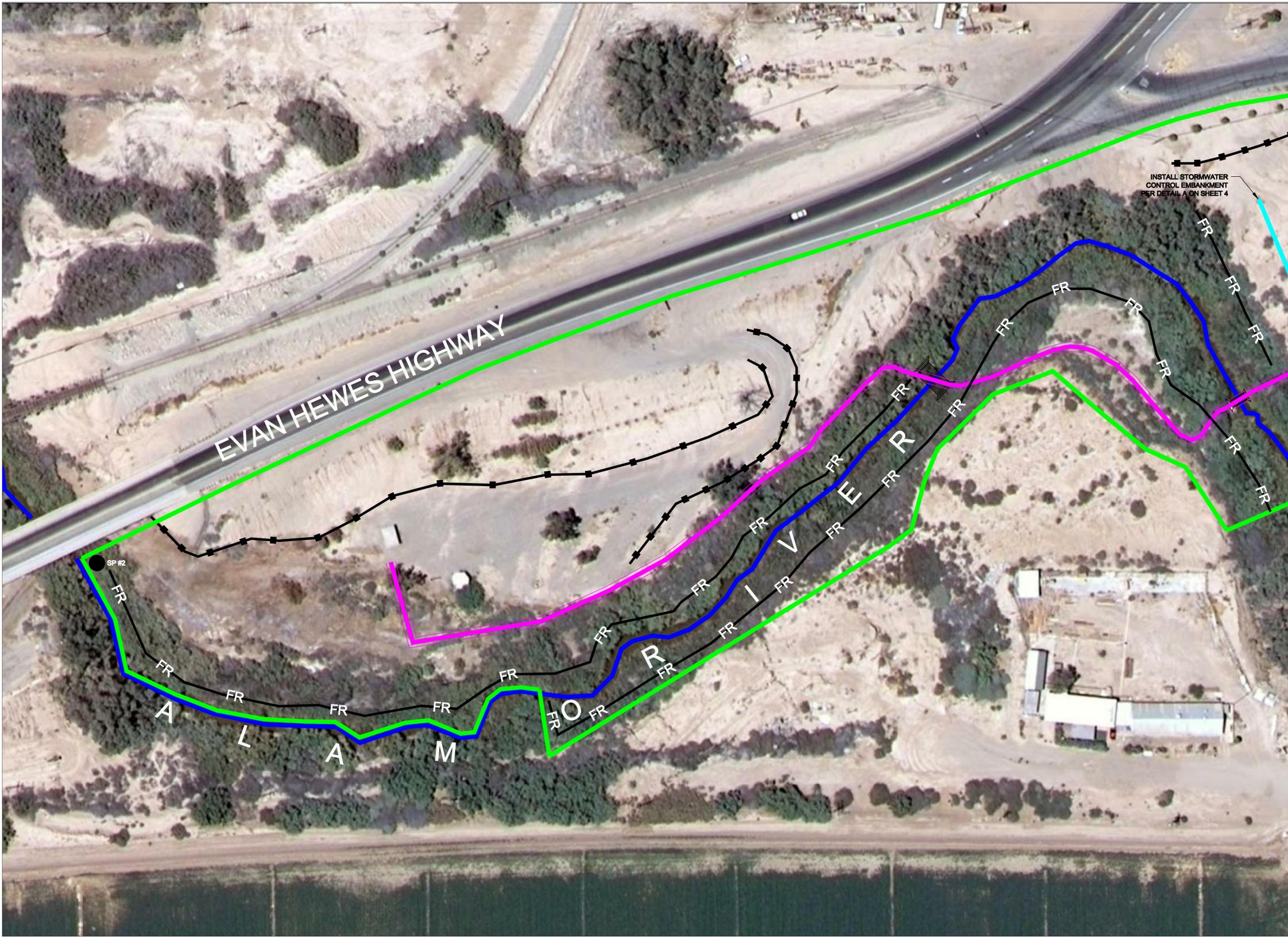
Water Pollution Control Drawings (WPCDs)

LEGEND

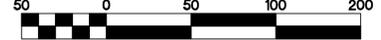
ITEM NO.	ITEM	SYMBOL
1	PROPOSED 10-FOOT WIDE TRAIL	
2	SWPPP / PROJECT BOUNDARY	
3	ALAMO RIVER	
4	SILT FENCE	
5	FIBER ROLL	
6	STABILIZED CONSTRUCTION ENTRANCE/EXIT - 12 INCHES DEPTH OF CRUSHED AGGREGATE BETWEEN 1 1/2 INCHES AND 3 INCHES IN DIAMETER	
7	STABILIZED CONSTRUCTION ROADWAY - 12 INCHES DEPTH OF CRUSHED AGGREGATE BETWEEN 1 1/2 INCHES AND 3 INCHES IN DIAMETER	
8	ENTRANCE/OUTLET TIRE GRATE	
9	PORTABLE TOILET	
10	PEDESTRIAN BRIDGE	
11	PROPOSED SWPPP SAMPLE POINT	
12	PROPOSED STORMWATER CONTROL ENBANKMENT	

* FOR CONSTRUCTION DETAILS OF BMPs LISTED ABOVE, REFER TO ATTACHMENT Q OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THIS PROJECT

MATCH LINE SEE SHEET 7



SCALE: 1" = 50'



No.	REVISION	APPROVED	DATE	DESIGNED BY: XX	DRAWN BY: XX

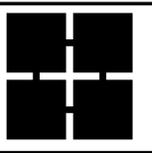
UNAUTHORIZED CHANGES AND USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to these plans must be in writing and must be approved by the preparer of these plans.

SCALE: 1" = 50'	CHECKED BY: JGH
BENCH MARK No.	ELEV.:

PREPARED UNDER THE DIRECT SUPERVISION OF:
JAMES G. "JACK" HOLT, P.E.
 05/10/10
 DATE

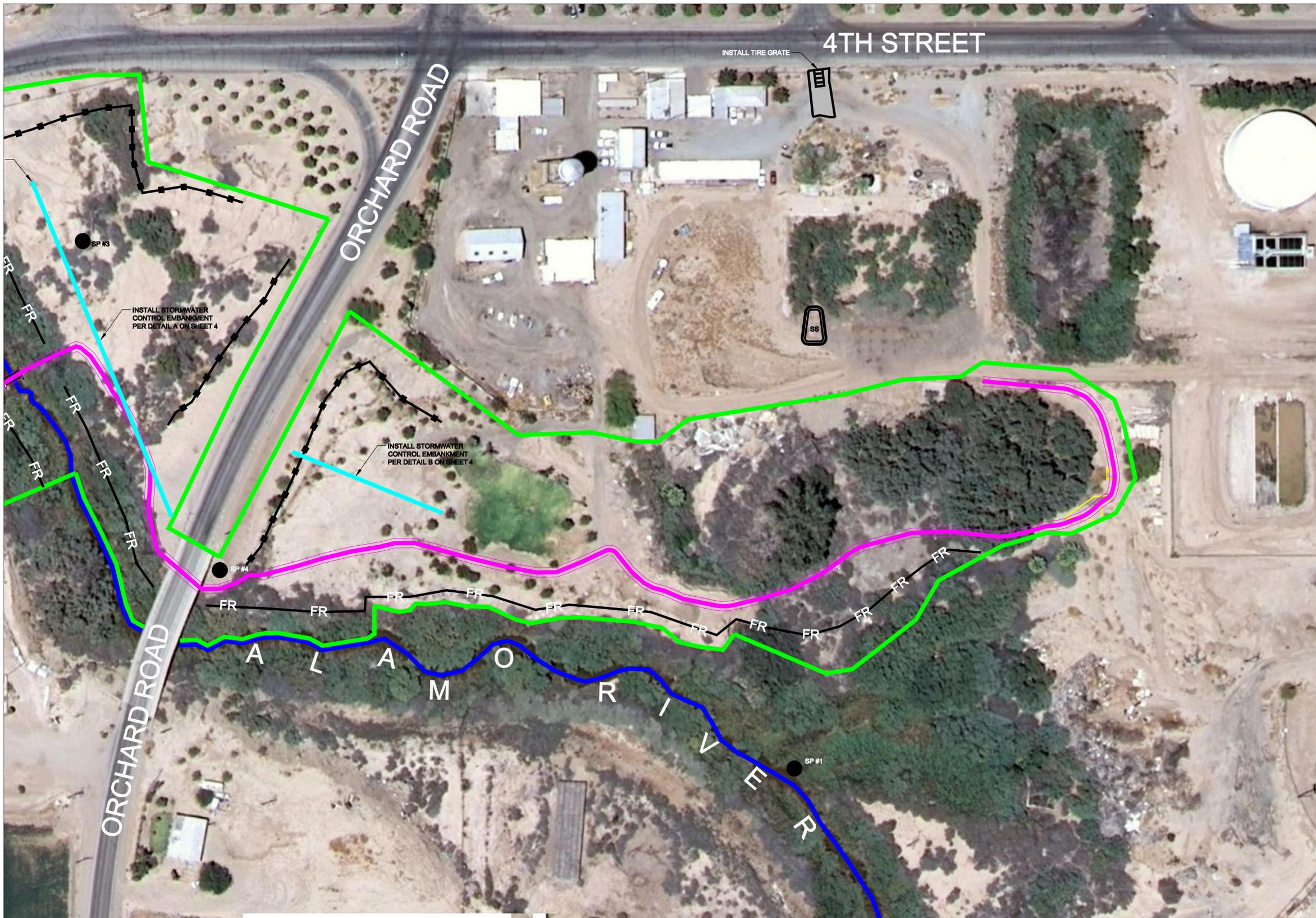


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PROJECT TITLE : BECC - CITY OF HOLTVILLE - ALAMO RIVER SWPPP AND CLEAN-UP PROJECT
 PROJECT NUMBER : 116.312E
 SHEET CONTENT : WATER POLLUTION CONTROL DRAWING

SHEET NO. **6**
 OF **7** SHEETS



MATCH LINE SEE SHEET 6

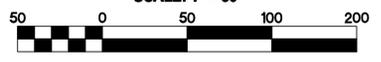
LEGEND

ITEM NO.	ITEM	SYMBOL
1	PROPOSED 10-FOOT WIDE TRAIL	
2	SWPPP / PROJECT BOUNDARY	
3	ALAMO RIVER	
4	SILT FENCE	
5	FIBER ROLL	
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7	STABILIZED CONSTRUCTION ROADWAY - 12 INCHES DEPTH OF CRUSHED AGGREGATE BETWEEN 1 1/2 INCHES AND 3 INCHES IN DIAMETER	
8	ENTRANCE/OUTLET TIRE GRATE	
9	PORTABLE TOILET	
10	PEDESTRIAN BRIDGE	
11	PROPOSED SWPPP SAMPLE POINT	
12	PROPOSED STORMWATER CONTROL EMBANKMENT	

* FOR CONSTRUCTION DETAILS OF BMPs LISTED ABOVE, REFER TO ATTACHMENT Q OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THIS PROJECT



SCALE: 1" = 50'



No.	REVISION	APPROVED	DATE	DESIGNED BY: XX	DRAWN BY: XX

UNAUTHORIZED CHANGES AND USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to these plans must be in writing and must be approved by the preparer of these plans.

SCALE: 1" = 50'	CHECKED BY: JGH
BENCH MARK No.	ELEV.:

PREPARED UNDER THE DIRECT SUPERVISION OF:	
JAMES G. "JACK" HOLT, P.E.	31773 R.C.E. No.
05/10/10 DATE	12-31-10 REG. EXP.



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PROJECT TITLE : BECC - CITY OF HOLTVILLE - ALAMO RIVER SWPPP AND CLEAN-UP PROJECT
PROJECT NUMBER : 116.312E
SHEET CONTENT : WATER POLLUTION CONTROL DRAWING

SHEET NO. 7
OF 7 SHEETS

Attachment C

BMP Consideration Checklist

CONSTRUCTION SITE BMPs CONSIDERATION CHECKLIST					
The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP must be checked as "Not Used" with a brief statement describing why it is not being used.					
EROSION CONTROL BMPs					
BMP No.	BMP	CONSIDERED FOR PROJECT	CHECK IF USED	CHECK IF NOT USED	IF NOT USED, STATE REASON
EC-1	Scheduling		<input checked="" type="checkbox"/>		
EC-2	Preservation of Existing Vegetation		<input checked="" type="checkbox"/>		
EC-3	Hydraulic Mulch			<input checked="" type="checkbox"/>	N / A
EC-4	Hydroseeding			<input checked="" type="checkbox"/>	N / A
EC-5	Soil Binders			<input checked="" type="checkbox"/>	N / A
EC-6	Straw Mulch			<input checked="" type="checkbox"/>	N / A
EC-7	Geotextiles & Mats			<input checked="" type="checkbox"/>	N / A
EC-8	Wood Mulching			<input checked="" type="checkbox"/>	N / A
EC-9	Earth Dikes & Drainage Swales			<input checked="" type="checkbox"/>	N / A
EC-10	Velocity Dissipation Devices			<input checked="" type="checkbox"/>	N / A
EC-11	Slope Drains			<input checked="" type="checkbox"/>	N / A
EC-12	Streambank Stabilization			<input checked="" type="checkbox"/>	N / A
EC-13	Polyacrylamide			<input checked="" type="checkbox"/>	N / A

CONSTRUCTION SITE BMPs CONSIDERATION CHECKLIST					
The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP must be checked as "Not Used" with a brief statement describing why it is not being used.					
SEDIMENT CONTROL BMPs					
BMP No.	BMP	CONSIDERED FOR PROJECT	CHECK IF USED	CHECK IF NOT USED	IF NOT USED, STATE REASON
SE-1	Silt Fence		<input checked="" type="checkbox"/>		
SE-2	Sediment Basin			<input checked="" type="checkbox"/>	N / A
SE-3	Sediment Trap			<input checked="" type="checkbox"/>	N / A
SE-4	Check Dam			<input checked="" type="checkbox"/>	N / A
SE-5	Fiber Rolls		<input checked="" type="checkbox"/>		
SE-6	Gravel Bag Berm			<input checked="" type="checkbox"/>	N / A
SE-7	Street Sweeping and Vacuuming		<input checked="" type="checkbox"/>		
SE-8	Sand Bag Barrier			<input checked="" type="checkbox"/>	N / A
SE-9	Straw Bale Barrier			<input checked="" type="checkbox"/>	N / A
SE-10	Storm Drain Inlet Protection			<input checked="" type="checkbox"/>	No storm drain inlet is within project boundary.
SE-11	Chemical Treatment			<input checked="" type="checkbox"/>	N / A
WIND EROSION CONTROL BMPs					
WE-1	Wind Erosion Control		<input checked="" type="checkbox"/>		
TRACKING CONTROL BMPs					
TR-1	Stabilized Construction Entrance/Exit		<input checked="" type="checkbox"/>		
TR-2	Stabilized Construction Roadway		<input checked="" type="checkbox"/>		
TR-3	Entrance/Outlet Tire Wash		<input checked="" type="checkbox"/>		

CONSTRUCTION SITE BMPs CONSIDERATION CHECKLIST

The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP must be checked as "Not Used" with a brief statement describing why it is not being used.

NON-STORM WATER MANAGEMENT BMPs

BMP No.	BMP	CONSIDERED FOR PROJECT	CHECK IF USED	CHECK IF NOT USED	IF NOT USED, STATE REASON
NS-1	Water Conservation Practices		<input checked="" type="checkbox"/>		
NS-2	Dewatering Operations			<input checked="" type="checkbox"/>	N / A
NS-3	Paving and Grinding Operations		<input checked="" type="checkbox"/>		
NS-4	Temporary Stream Crossing			<input checked="" type="checkbox"/>	N / A
NS-5	Clear Water Diversion			<input checked="" type="checkbox"/>	N / A
NS-6	Illicit Connection/ Discharge		<input checked="" type="checkbox"/>		
NS-7	Potable Water/Irrigation			<input checked="" type="checkbox"/>	N / A
NS-8	Vehicle and Equipment Cleaning		<input checked="" type="checkbox"/>		
NS-9	Vehicle and Equipment Fueling		<input checked="" type="checkbox"/>		
NS-10	Vehicle and Equipment Maintenance		<input checked="" type="checkbox"/>		
NS-11	Pile Driving Operations			<input checked="" type="checkbox"/>	No pile driving in this project
NS-12	Concrete Curing			<input checked="" type="checkbox"/>	N / A
NS-13	Concrete Finishing			<input checked="" type="checkbox"/>	N / A
NS-14	Material and Equipment Use Over Water			<input checked="" type="checkbox"/>	N / A
NS-15	Demolition Adjacent to Water		<input checked="" type="checkbox"/>		
NS-16	Temporary Batch Plants			<input checked="" type="checkbox"/>	Concrete will be delivered to the project site.

<p align="center">CONSTRUCTION SITE BMPs CONSIDERATION CHECKLIST</p>					
<p>The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP must be checked as "Not Used" with a brief statement describing why it is not being used.</p>					
<p align="center">WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL BMPs</p>					
BMP No.	BMP	CONSIDERED FOR PROJECT	CHECK IF USED	CHECK IF NOT USED	IF NOT USED, STATE REASON
WM-1	Material Delivery and Storage		<input checked="" type="checkbox"/>		
WM-2	Material Use		<input checked="" type="checkbox"/>		
WM-3	Stockpile Management		<input checked="" type="checkbox"/>		
WM-4	Spill Prevention and Control		<input checked="" type="checkbox"/>		
WM-5	Solid Waste Management		<input checked="" type="checkbox"/>		
WM-6	Hazardous Waste Management			<input checked="" type="checkbox"/>	N / A
WM-7	Contaminated Soil Management			<input checked="" type="checkbox"/>	N / A
WM-8	Concrete Waste Management		<input checked="" type="checkbox"/>		
WM-9	Sanitary/Septic Waste Management		<input checked="" type="checkbox"/>		
WM-10	Liquid Waste Management			<input checked="" type="checkbox"/>	N / A

Attachment D

Computation Sheet for Determining Runoff Coefficients

$$\text{Total Site Area} = \underline{\quad 14.78 \text{ Acres} \quad} \quad (\text{A})$$

Existing Site Conditions

$$\text{Impervious Site Area}^1 = \underline{\quad 0.0 \text{ Acres} \quad} \quad (\text{B})$$

$$\text{Impervious Site Area Runoff Coefficient}^{2,4} = \underline{\quad 0.95 \quad} \quad (\text{C})$$

$$\text{Pervious Site Area}^3 = \underline{\quad 14.78 \text{ Acres} \quad} \quad (\text{D})$$

$$\text{Pervious Site Area Runoff Coefficient}^4 = \underline{\quad 0.32 \quad} \quad (\text{E})$$

$$\text{Existing Site Area Runoff Coefficient} \quad \frac{(\text{B} \times \text{C}) + (\text{D} \times \text{E})}{(\text{A})} = \underline{\quad 0.32 \quad} \quad (\text{F})$$

Proposed Site Conditions (after construction)

$$\text{Impervious Site Area}^1 = \underline{\quad 0.0 \text{ Acres} \quad} \quad (\text{G})$$

$$\text{Impervious Site Area Runoff Coefficient}^{2,4} = \underline{\quad 0.95 \quad} \quad (\text{H})$$

$$\text{Pervious Site Area}^3 = \underline{\quad 14.78 \text{ Acres} \quad} \quad (\text{I})$$

$$\text{Pervious Site Area Runoff Coefficient}^4 = \underline{\quad 0.32 \quad} \quad (\text{J})$$

$$\text{Proposed Site Area Runoff Coefficient} \quad \frac{(\text{G} \times \text{H}) + (\text{I} \times \text{J})}{(\text{A})} = \underline{\quad 0.32 \quad} \quad (\text{K})$$

1. Includes paved areas, areas covered by buildings, and other impervious surfaces.
2. Use 0.95 unless lower or higher runoff coefficient can be verified.
3. Includes areas of vegetation, most unpaved or uncovered soil surfaces, and other pervious areas.
4. Refer to local Hydrology Manual for typical C values.

Attachment E

Computational Sheet for Determining Run-on Discharges

Existing Site Conditions

Area Runoff Coefficient	=	<u>0.32</u>	(A)
Area Rainfall Intensity	=	<u>0.45 in/hr</u>	(B)
Drainage Area	=	<u>14.78 Acres</u>	(C)
Site Area Run-on Discharge (A) x (B) x (C)	=	<u>2.13 ft³/sec</u>	(D)

Attachment F

Notice of Intent (NOI)



NOTICE OF INTENT
 TO COMPLY WITH THE TERMS OF THE
 GENERAL PERMIT TO DISCHARGE STORM WATER
 ASSOCIATED WITH CONSTRUCTION ACTIVITY (WQ ORDER No. 99-08-DWQ)



I. NOI STATUS (SEE INSTRUCTIONS)

MARK ONLY ONE ITEM	1. <input type="checkbox"/> New Construction	2. <input type="checkbox"/> Change of Information for WDID#
--------------------	--	---

II. PROPERTY OWNER

Name	Contact Person		
Mailing Address	Title		
City	State	Zip	Phone () --

III. DEVELOPER/CONTRACTOR INFORMATION

Developer/Contractor	Contact Person		
Mailing Address	Title		
City	State	Zip	Phone () --

IV. CONSTRUCTION PROJECT INFORMATION

Site/Project Name		Site Contact Person		
Physical Address/Location		Latitude _____°	Longitude _____°	County
City (or nearest City)		Zip	Site Phone Number () --	Emergency Phone Number () --
A. Total size of construction site area: _____ Acres	C. Percent of site imperviousness (including rooftops):		D. Tract Number(s): _____, _____	
B. Total area to be disturbed: _____ Acres (% of total _____)	Before Construction: _____%		E. Mile Post Marker: _____	
F. Is the construction site part of a larger common plan of development or sale? <input type="checkbox"/> YES <input type="checkbox"/> NO		G. Name of plan or development:		
H. Construction commencement date: ____/____/____		J. Projected construction dates: Complete grading: ____/____/____ Complete project: ____/____/____		
I. % of site to be mass graded: _____				
K. Type of Construction (Check all that apply):				
1. <input type="checkbox"/> Residential 2. <input type="checkbox"/> Commercial 3. <input type="checkbox"/> Industrial 4. <input type="checkbox"/> Reconstruction 5. <input type="checkbox"/> Transportation				
6. <input type="checkbox"/> Utility Description: _____ 7. <input type="checkbox"/> Other (Please List): _____				

V. BILLING INFORMATION

SEND BILL TO: <input type="checkbox"/> OWNER (as in II. above)	Name	Contact Person	
<input type="checkbox"/> DEVELOPER (as in III. above)	Mailing Address	Phone/Fax	
<input type="checkbox"/> OTHER (enter information at right)	City	State	Zip

VI. REGULATORY STATUS

A. Has a local agency approved a required erosion/sediment control plan?..... YES NO
Does the erosion/sediment control plan address construction activities such as infrastructure and structures?..... YES NO
Name of local agency: _____ Phone: () -- _____

B. Is this project or any part thereof, subject to conditions imposed under a CWA Section 404 permit of 401 Water Quality Certification?..... YES NO
If yes, provide details: _____

VII. RECEIVING WATER INFORMATION

A. Does the storm water runoff from the construction site discharge to (Check all that apply):

1. Indirectly to waters of the U.S.

2. Storm drain system - Enter owner's name: _____

3. Directly to waters of U.S. (e.g., river, lake, creek, stream, bay, ocean, etc.)

B. Name of receiving water: (river, lake, creek, stream, bay, ocean): _____

VIII. IMPLEMENTATION OF NPDES PERMIT REQUIREMENTS

A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (check one)

A SWPPP has been prepared for this facility and is available for review: Date Prepared: ___/___/___ Date Amended: ___/___/___

A SWPPP will be prepared and ready for review by (enter date): ___/___/___

A tentative schedule has been included in the SWPPP for activities such as grading, street construction, home construction, etc.

B. MONITORING PROGRAM

A monitoring and maintenance schedule has been developed that includes inspection of the construction BMPs before anticipated storm events and after actual storm events and is available for review.

If checked above: A qualified person has been assigned responsibility for pre-storm and post-storm BMP inspections to identify effectiveness and necessary repairs or design changes..... YES NO

Name: _____ Phone: () _____

C. PERMIT COMPLIANCE RESPONSIBILITY

A qualified person has been assigned responsibility to ensure full compliance with the Permit, and to implement all elements of the Storm Water Pollution Prevention Plan including:

1. Preparing an annual compliance evaluation..... YES NO
Name: _____ Phone: () -- _____

2. Eliminating all unauthorized discharges..... YES NO

IX. VICINITY MAP AND FEE (must show site location in relation to nearest named streets, intersections, etc.)

Have you included a vicinity map with this submittal? YES NO

Have you included payment of the annual fee with this submittal?..... YES NO

X. CERTIFICATIONS

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment. In addition, I certify that the provisions of the permit, including the development and implementation of a Storm Water Pollution Prevention Plan and a Monitoring Program Plan will be complied with."

Printed Name: _____

Signature: _____ Date: _____

Title: _____

Attachment G

Program for Maintenance, Inspection, and Repair of Construction Site BMPs

<i>The contractor shall use the following guidelines for maintenance, inspection, and repair of BMPs identified in the SWPPP</i>		
BEST MANAGEMENT PRACTICES (BMPs)	INSPECTION FREQUENCY (all controls)	MAINTENANCE/REPAIR PROGRAM
TEMPORARY EROSION CONTROL BMPs		
EC-1, Scheduling EC-2, Preservation of Existing Vegetation	All BMPs shall be inspected on a daily basis as all other items. The inspections shall be reported on a weekly or bi-weekly basis as follows: Weekly during the rainy season; Every 2 weeks during non-rainy season.	Maintenance and Repair specifications are shown for each specific BMP. These sheets included in Section Attachment B of this SWPPP document.
TEMPORARY SEDIMENT CONTROL BMPs		
SE-1, Silt Fence SE-5, Fiber Rolls SE-7, Street Sweeping and Vacuuming	All BMPs shall be inspected on a daily basis as all other items. The inspections shall be reported on a weekly or bi-weekly basis as follows: Weekly during the rainy season; Every 2 weeks during non-rainy season.	Maintenance and Repair specifications are shown for each specific BMP. These sheets included in Section Attachment B of this SWPPP document.
WIND EROSION CONTROL BMPs		
WE-1, Wind Erosion Control	All BMPs shall be inspected on a daily basis as all other items. The inspections shall be reported on a weekly or bi-weekly basis as follows: Weekly during the rainy season; Every 2 weeks during non-rainy season.	Maintenance and Repair specifications are shown for each specific BMP. These sheets included in Section Attachment B of this SWPPP document.
TRACKING CONTROL BMPs		
TC-1, Stabilized Construction Entrance/Exit TC-2, Stabilized Construction Roadway TC-3, Entrance/Outlet Tire Wash	All BMPs shall be inspected on a daily basis as all other items. The inspections shall be reported on a weekly or bi-weekly basis as follows: Weekly during the rainy season; Every 2 weeks during non-rainy season.	Maintenance and Repair specifications are shown for each specific BMP. These sheets included in Section Attachment B of this SWPPP document.

The contractor shall use the following guidelines for maintenance, inspection, and repair of BMPs identified in the SWPPP		
BEST MANAGEMENT PRACTICES (BMPs)	INSPECTION FREQUENCY (all controls)	MAINTENANCE/REPAIR PROGRAM
NON-STORM WATER MANAGEMENT BMPs		
NS-1, Water Conservation Practices	All BMPs shall be inspected on a daily basis as all other items. The inspections shall be reported on a weekly or bi-weekly basis as follows: Weekly during the rainy season; Every 2 weeks during non-rainy season.	Maintenance and Repair specifications are shown for each specific BMP. These sheets included in Section Attachment B of this SWPPP document.
NS-3, Paving and Grinding Operation		
NS-6, Illicit Connection/Illegal Discharge Detection and Reporting		
NS-8, Vehicle and Equipment Cleaning		
NS-9, Vehicle and Equipment Fueling		
NS-10, Vehicle and Equipment Maintenance		
NS-15, Demolition Adjacent to Water		
WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL BMPs		
WM-1, Material Delivery and Storage	All BMPs shall be inspected on a daily basis as all other items. The inspections shall be reported on a weekly or bi-weekly basis as follows: Weekly during the rainy season; Every 2 weeks during non-rainy season.	Maintenance and Repair specifications are shown for each specific BMP. These sheets included in Section Attachment B of this SWPPP document.
WM-2, Material Use		
WM-3, Stockpile Management		
WM-4, Spill Prevention and Control		
WM-5, Solid Waste Management		
WM-8, Concrete Waste Management		
WM-9, Sanitary/Septic Waste Management		

Attachment H

Storm Water Quality Construction Site Inspection Checklist

GENERAL INFORMATION				
Project Name				
Project N°				
Contractor				
Inspector's Name				
Inspector's Title				
Signature				
Date of Inspection				
Inspection Type (Check Applicable)	<input type="checkbox"/> Prior to forecast rain			<input type="checkbox"/> After a rain event
	<input type="checkbox"/> 24-hr intervals during extended rain			<input type="checkbox"/> Other _____
Season (Check Applicable)	<input type="checkbox"/> Rainy			<input type="checkbox"/> Non-Rainy
	Storm Start Date & Time:			Storm Duration (hrs):
Storm Data	Time elapsed since last storm (Circle Applicable Units)		Min. Hr. Days	Approximate Rainfall Amount (inches)

PROJECT AREA SUMMARY AND DISTURBED SOIL AREA (DSA) SIZE	
Total Project Area	_____ Acres
Field Estimate of Active DSAs	_____ Acres
Field Estimate of Non-Active DSAs	_____ Acres

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
Preservation of Existing Vegetation				
Is temporary fencing provided to preserve vegetation in areas where no construction activity is planned?				
Location:				
Erosion Control				
Does the applied temporary erosion control provide 100% coverage for the affected areas?				
Are any non-vegetated areas that may require temporary erosion control?				
Is the area where erosion controls are used required free from visible erosion?				
Location:				
Temporary Linear Sediment Barriers (Silt Fence, Fiber Rolls, Sandbag Barriers, etc.)				
Are temporary linear sediment barriers properly installed, functional and maintained?				
Are temporary linear sediment barriers free of accumulated litter?				
Is the built-up sediment less than 1/3 the height of the barrier?				
Are cross barriers installed where necessary and properly spaced?				
Location:				
Storm Drain Inlet Protection				
Are storm drain inlets internal to the project properly protected?				
Are storm drain inlet protection devices in working order and being properly maintained?				
Location:				
Sediment Basins				

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
Are basins designed in accordance with the requirements of the General Permit?				
Are basins maintained to provide the required retention/detention?				
Are basin controls (inlets, outlets, diversions, weirs, spillways, and racks) in working order?				
Location:				
Stockpiles				
Are all locations of temporary stockpiles, including soil, hazardous waste, and construction materials in approved areas?				
Are stockpiles protected from run-on, run-off from adjacent areas and from winds?				
Are stockpiles located at least 15 m from concentrated flows, downstream drainage courses and storm drain inlets?				
Are required covers and/or perimeter controls in place?				
Location:				
Concentrated Flows				
Are concentrated flow paths free of visible erosion?				
Location:				
Tracking Control				
Is the entrance stabilized to prevent tracking				
Is the stabilized entrance inspected daily to ensure that it is working properly				
Are points of ingress/egress to public/private roads inspected and swept and vacuumed as needed?				
Are all paved areas free of visible sediment tracking or other particulate matter?				
Location:				
Wind Erosion Control				
Is dust control implemented?				

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
Location:				
Dewatering Operations				
Are all one-time dewatering operations covered by the General Permit inspected before and as they occur and BMPs implemented as necessary during discharge?				
Is ground water dewatering handled in conformance with the dewatering permit issued by the RWQCB?				
Is required treatment provided for dewatering effluent?				
Location:				
Vehicle & Equipment Fueling, Cleaning, and Maintenance				
Are vehicle and equipment fueling, cleaning and maintenance areas reasonably clean and free of spills, leaks, or any other deleterious material?				
Are vehicle and equipment fueling, cleaning and maintenance activities performed on an impermeable surface in dedicated areas?				
If no, are drip pans used?				
Are dedicated fueling, cleaning, and maintenance areas located at least 15 m away from downstream drainage facilities and watercourses and protected from run-on and runoff?				
Is wash water contained for infiltration/ evaporation and disposed of appropriately?				
Is on-site cleaning limited to washing with water (no soap, soaps substitutes, solvents, or steam)?				
On each day of use, are vehicles and equipment inspected for leaks and if necessary, repaired?				
Location:				
Waste Management & Materials Pollution Control				
Are material storage areas and washout areas protected from run-on and runoff, and located at least 15 m from concentrated flows and downstream drainage facilities?				
Are all material handling and storage areas clean; organized; free of spills, leaks, or any other deleterious material; and stocked with appropriate clean-up supplies?				
Are liquid materials, hazardous materials, and hazardous wastes stored in temporary containment facilities?				

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
Are bagged and boxed materials stored on pallets?				
Are hazardous materials and wastes stored in appropriate, labeled containers?				
Are proper storage, clean-up, and spill-reporting procedures for hazardous materials and wastes posted in open, conspicuous and accessible locations adjacent to storage areas?				
Are temporary containment facilities free of spills and rainwater?				
Are temporary containment facilities and bagged/boxed materials covered?				
Are temporary concrete washout facilities designated and being used?				
Are temporary concrete washout facilities functional for receiving and containing concrete waste and are concrete residues prevented from entering the drainage system?				
Do temporary concrete washout facilities provide sufficient volume and freeboard for planned concrete operations?				
Are concrete wastes, including residues from cutting and grinding, contained and disposed of off-site or in concrete washout facilities?				
Are spills from mobile equipment fueling and maintenance properly contained and cleaned up?				
Is the site free of litter?				
Are trash receptacles provided in the yard, field trailer areas, and at locations where workers congregate for lunch and break periods?				
Is litter from work areas collected and placed in watertight dumpsters?				
Are waste management receptacles free of leaks?				
Are the contents of waste management receptacles properly protected from contact with storm water or from being dislodged by winds?				
Are waste management receptacles filled at or beyond capacity?				
Location:				
Temporary Water Body Crossing or Encroachment				
Are temporary water body crossings and encroachments constructed appropriately?				
Does the project conform to the requirements of the 404 permit and/or 1601 agreement?				
Location:				
Illicit Connection/ Discharge				

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
Is there any evidence of illicit discharges or illegal dumping on the project site?				
If yes, has the Owner/Operator been notified?				
Location:				
Discharge Points				
Are discharge points and discharge flows free from visible pollutants?				
Are discharge points free of any significant sediment transport?				
Location:				
SWPPP Update				
Does the SWPPP and Project Schedule adequately reflect the current site conditions and contractor operations?				
Are all BMPs shown on the water pollution control drawings installed in the proper location(s) and according to the details in the SWPPP?				
Location:				
General				
Are there any other potential concerns at the site?				
Location:				
Storm Water Monitoring				
Does storm water discharge directly to a water body listed in the General Permit as impaired for sediment/sedimentation or turbidity?				
If yes, were samples for sediment/sedimentation or turbidity collected pursuant to the sampling and analysis plan in the SWPPP?				
Did the sampling results indicate that the discharges are causing or contributing to further impairment?				

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
If yes, were the erosion/sediment control BMPs improved or maintained to reduce the discharge of sediment to the water body?				
Were there any BMPs not properly implemented or breaches, malfunctions, leakages or spills observed which could result in the discharge of pollutants to surface waters that would not be visually detectable in storm water?				
If yes, were samples for non-visually detectable pollutants collected pursuant to the sampling and analysis plan during rain events?				
If sampling indicated pollution of the storm water, were the leaks, breaches, spills, etc. cleaned up and the contaminated soil properly disposed of?				
Were the BMPs maintained or replaced?				
Were soil amendments (e.g., gypsum, lime) used on the project?				
If yes, were samples for non-visually detectable pollutants collected pursuant to the sampling and analysis plan in the SWPPP?				
If sampling indicated pollution of the storm water by the use of the soil amendments, is there a contingency plan for retention onsite of the polluted storm water?				
Did storm water contact stored materials or waste and run off the construction site? (Materials not in watertight containers, etc.)				
If yes, were samples for non-visually detectable pollutants collected pursuant to the sampling and analysis plan in the SWPPP?				

*Attachment I
Trained Contractor Personnel Log*

Name	Company	Phone

COMMENTS:

Attachment J

Subcontractor Notification Letter and Notification Log

SWPPP Notification

Company
Address
City, State, ZIP

Dear Sir/Madam,

Please be advised that the California State Water Resources Control Board has adopted the General Permit (General Permit) for Storm Water Discharges Associated with Construction Activity (CAS000002). The goal of these permits is prevent the discharge of pollutants associated with construction activity from entering the storm drain system, ground and surface waters.

[Owner] has developed a Storm Water Pollution Prevention Plan (SWPPP) in order to implement the requirements of the Permits.

As a subcontractor, you are required to comply with the SWPPP and the Permits for any work that you perform on site. Any person or group who violates any condition of the Permits may be subject to substantial penalties in accordance with state and federal law. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP and the Permits. A copy of the Permits and the SWPPP are available for your review at the construction office. Please contact me if you have further questions.

Sincerely,

Name
Title

Attachment K

Notice of Non-Compliance

To: Name of Owner [City/Agency Engineer]/Regional Board Staff

Date: Insert Date

Subject: Notice of Non-Compliance

Project Name: Insert Project Name

Project Number/Location: Project number

In accordance with the NPDES Statewide Permit for Storm Water Discharges Associated with Construction Activity, the following instance of discharge is noted:

Date, time, and location of discharge

Insert description and date of event

Nature of the operation that caused the discharge

insert description of operation

Initial assessment of any impact cause by the discharge

insert assessment

Existing BMP(s) in place prior to discharge event

list BMPs in place

Date of deployment and type of BMPs deployed after the discharge.

BMPs deployed after the discharge (with dates)

Steps taken or planned to reduce, eliminate and/or prevent recurrence of the discharge

insert steps taken to prevent recurrence

Implementation and maintenance schedule for any affected BMPs

insert implementation and maintenance schedule

If further information or a modification to the above schedule is required, notify the contact person below.

Name of Contact Person

Title

Company

Telephone Number

Signature

Date

Attachment L

Storm Water Pollution Prevention Plan (SWPPP) and Monitoring Program Checklist

CONSTRUCTION PROJECT: BECC - City of Holtville - Alamo River SWPPP and Clean-Up Project

PREPARER: The Holt Group, Inc.

CONTRACT NO: THG 116.312E

SECTION A: STORM WATER POLLUTION PREVENTION PLAN (SWPPP)				
CHECK IF ADDRESSED N/A IF NOT APPLICABLE	SWPPP Section	ITEM	GENERAL PERMIT REF.	COMMENTS
✓	100	<i>SWPPP Certification and Approval</i>	C.10	
✓	100.1	SWPPP Certification	C.10	
✓	100.2	SWPPP Approval	C.10	
N/A	200	<i>SWPPP Amendments</i>	A.4.a, A.16	
	200.1	Amendment number and date entered into SWPPP – Amendment Log	A.4.a, A.16	
	200.2	Amendment Certification and Approval	A.4.a, A.16	
✓	300	<i>Introduction/Project Description</i>		
✓	300.1	Project Description and Location (narrative)	A.5.a.1	
✓	300.2	Unique Site Features (narrative)	A.5.a.1	
✓	300.4	<i>Project Schedule (narrative and graphical)</i>	A.5.c.5	
✓	400	<i>References</i>	A.14	
✓	500.2	<i>Vicinity Map (narrative or graphic)</i>	A.5.a.1	
✓	500.2	Site perimeter	A.5.a.1	
✓	500.2	Geographic Features	A.5.a.1	
✓	500.2	General topography	A.5.a.1	
✓	500.4	<i>Water Pollution Control Drawings (WPCDs) (graphic or narrative)</i>	A.5.a.2	
✓	500.4	Site perimeter	A.5.a.2	

SECTION A: STORM WATER POLLUTION PREVENTION PLAN (SWPPP)				
CHECK IF ADDRESSED N/A IF NOT APPLICABLE	SWPPP Section	ITEM	GENERAL PERMIT REF.	COMMENTS
✓	500.4	Existing and proposed buildings, lots, and roadways	A.5.a.2	
✓	500.4	Storm water collection and discharge points	A.5.a.2	
✓	500.4	General topography before and after construction	A.5.a.2	
✓	500.4	Anticipated discharge location(s)	A.5.a.2	
✓	500.4	Drainage patterns including the entire relevant drainage areas	A.5.a.2	
✓	500.4	Temporary on-site drainage(s)	A.5.a.2	
✓	500.3	<i>Pollutant Source and BMP Identification (narrate/ or indicate on site map)</i>	A.5.b	
✓		<i>Drainage</i>	A.5.b.1	
✓	500.4	Drainage patterns after major grading	A.5.b.1	
✓	500.4	Slopes after major grading	A.5.b.1	
✓	Attach. E	Calculations for storm water run-on	A.5.b.1	
✓	500.4	BMPs that divert off-site drainage from passing through site	A.5.b.1	
N/A	500.4	<i>Storm Water Inlets</i>	A.5.b.2	
	500.4	Drainage patterns to storm water inlets or receiving water	A.5.b.2	
	500.4	BMPs that protect storm water inlets or receiving water	A.5.b.2	
✓		<i>Site History (narrative; if possible, indicate location(s) on the Water Pollution Control Drawings)</i>	A.5.b	
✓	500.3.3	Nature of fill material and data describing the soil. Description of toxic materials treated, stored, disposed, spilled or leaked on site	A.5.b.3	
✓	500.3.8 & 500.3.9	BMPs that minimize contact of contaminants with storm water	A.5.b.3	
✓		<i>Location of Areas Designated for:</i>	A.5.b.4	
✓	500.3.8 & 500.4	Vehicle storage & service	A.5.b.4	
✓	500.3.8 & 500.4	Equipment storage, cleaning, maintenance	A.5.b.4	
✓	500.3.9 & 500.4	Soil or waste storage	A.5.b.4	
✓	500.3.9 & 500.4	Construction material loading, unloading, storage and access	A.5.b.4	
✓	500.3.8 & 500.3.9	Areas outside of physical site (yards, borrow areas, etc.)		
✓		<i>BMP Locations or Descriptions for:</i>	A.5.b.5	
✓	500.3.9 & 500.4	Waste handling and disposal areas	A.5.b.5	

SECTION A: STORM WATER POLLUTION PREVENTION PLAN (SWPPP)				
CHECK IF ADDRESSED N/A IF NOT APPLICABLE	SWPPP Section	ITEM	GENERAL PERMIT REF.	COMMENTS
✓	500.3.9 & 500.4	On-site storage and disposal of construction materials and waste	A.5.b.5	
✓	500.3.8, 500.3.9 & 500.4	Minimum exposure of storm water to construction materials, equipment, vehicles, waste	A.5.b.5	
✓	500.6	Post Construction BMPs	A.5.b.6	
✓	500.6.1	Listing or Description of Post-construction BMPs	A.5.b.6	
✓	500.4	Location of post-construction BMPs	A.5.b.6	
✓	500.6.2	Parties responsible for long-term maintenance	A.5.b.6	
✓		Additional Information	A.5.c	
✓	500.3.1	Description of other pollutant sources and BMPs	A.5.c.1	
✓	500.3.2	Pre-construction control practices	A.5.c.1	
✓	500.3.1	Inventory of materials and activities that may pollute storm water	A.5.c.2	
✓	500.3.8 & 500.3.9	BMPs to reduce/eliminate potential pollutants listed in the inventory	A.5.c.2	
✓	300.4	Runoff coefficient (before & after)	A.5.c.3	
✓	300.4	Percent impervious (before & after)	A.5.c.3	
✓	Attach. F	Copy of the NOT	A.5.c.4	
✓	300.3	Construction activity schedule	A.5.c.5	
✓	300.5	Contact information	A.5.c.6	
✓	500.4.1	SOIL STABILIZATION (EROSION CONTROL)	A.6	
✓		The SWPPP shall include:	A.6.a-c	
✓	500.4	Areas of vegetation on site	A.6.a.1	
✓	500.4	Areas of soil disturbance that will be stabilized during rainy season	A.6.a.2	
✓	500.4	Areas of soil disturbance which will be exposed during any part of the rainy season	A.6.a.3	
✓	300.4	Implementation schedule for erosion control measures	A.6.a.4	
✓	500.3.4	BMPs for erosion control	A.6.b	
✓	500.3.7	BMPs to control wind erosion	A.6.c	
✓	500.3.5	SEDIMENT CONTROL	A.8	
✓	500.3.5 & 500.4	Description/Illustration of BMPs to prevent increase of sediment load in discharge	A.8	

SECTION A: STORM WATER POLLUTION PREVENTION PLAN (SWPPP)				
CHECK IF ADDRESSED N/A IF NOT APPLICABLE	SWPPP Section	ITEM	GENERAL PERMIT REF.	COMMENTS
✓	300.4, 500.3.5	Implementation schedule for sediment control measures	A.8	
✓	500.3.6	BMPs to control sediment tracking	A.8	
✓	500.3.8 & 500.3.9	NON-STORM WATER MANAGEMENT	A.9	
✓	500.3.8 & 500.3.9	Description of non-storm water discharges to receiving waters	A.9	
✓	500.3.8 & 500.3.9	Locations of discharges	A.9	
✓	500.3.8 & 500.3.9	Description of BMPs	A.9	
✓	300.5	Name and phone number of person responsible for non-storm water management	A.9	
✓	500.6	POST-CONSTRUCTION	A.10	
✓	500.6.1	Description of post-construction BMPs	A.10	
✓	500.6.2	Operation/Maintenance of BMPs after project completion (including short-term funding, long-term funding and responsible party)	A.10	
✓	500.5	MAINTENANCE, INSPECTIONS, AND REPAIR	A.11	
✓	300.5, 600.1	Name and phone number of person(s) responsible for inspections	A.11	
✓	600.1, Attach. H	Complete inspection checklist: date, weather, inadequate BMPs, visual observations of BMPs, corrective action, inspector's name, title, signature	A.11.a-f	
✓		OTHER REQUIREMENTS	A.12-16	
✓	500.7	Documentation of all training	A.12	
✓	500.8	List of Contractors/Subcontractors	A.13	

SECTION B: MONITORING AND REPORTING REQUIREMENTS				
CHECK IF ADDRESSED N/A IF NOT APPLICABLE	SWPPP Section	ITEM	GENERAL PERMIT REF.	COMMENTS
✓	600.1	Description of Site Inspection Plans	B.3	
✓	100.3	Compliance certification (annually 7/1)	B.4	
✓	600.2	Discharge reporting	B.5	
✓	600.3	Keep records of all inspections, compliance certifications, and noncompliance reports on site for a period of at least three years	B.6	
✓	600.4	Sampling and Analysis Plan for Sediment	B.7	

SECTION B: MONITORING AND REPORTING REQUIREMENTS				
CHECK IF ADDRESSED N/A IF NOT APPLICABLE	SWPPP Section	ITEM	GENERAL PERMIT REF.	COMMENTS
✓	600.5	Sampling and Analysis Plan for Non-Visible Pollutants	B.8	

SECTION C: STANDARD PROVISIONS FOR CONSTRUCTION ACTIVITIES				
CHECK IF ADDRESSED N/A IF NOT APPLICABLE	SWPPP Section	ITEM	GENERAL PERMIT REF.	COMMENTS
✓	100.1	Signed SWPPP Certification	C.9,10	

Attachment M

Annual Certification of Compliance Form

Project Name: _____

Project Number: _____

Company Name: _____

Address: _____

Construction Start Date: _____ **Completion Date:** _____

This project is in compliance with the General Permit and this SWPPP (check yes or no) **YES** **NO**

Description of Work:

description of work

Work Now in Progress:

work in progress

Work Planned for Next 12 Months:

work planned

"I certify under penalty of law that, during the past 12 months, the construction activities are in compliance with the requirements of the General Permit and this SWPPP. This Certification is based upon the site inspections required in Section B, Item 3 of the General Permit. This document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Owner (or Authorized Representative) Signature

Date

Name and Title

Telephone Number

Attachment N

Other Plans and Permits

Attachment O

Water Pollution Control Cost Breakdown

Project Name: BECC – City of Holtville – Alamo River SWPPP and Clean-up Project

Project Number: THG 116.312E

ITEM	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	VALUE	AMOUNT
EC-3	Hydraulic Mulch	FT ²			
EC-4	Hydroseeding	FT ²			
EC-5	Soil Binders	FT ²			
EC-6	Straw Mulch	FT ²			
EC-7	Geotextiles & Mats	FT ²			
EC-8	Wood Mulching	FT ²			
EC-9	Earth Dikes & Drainage Swales	FT			
EC-10	Velocity Dissipation Devices	EA			
EC-11	Slope Drains	EA			
EC-12	Streambank Protection	LS			
EC-13	Polyacrylamide	LS			
SE-1	Silt Fence	FT	2,053		
SE-2	Sediment Basin	EA			
SE-3	Sediment Trap	EA			
SE-4	Check Dam	EA			
SE-5	Fiber Rolls	FT	3,384		
SE-6	Gravel Bag Berm	FT			
SE-7	Street Sweeping and Vacuuming	LS	1		
SE-8	Sandbag Barrier	FT			
SE-9	Straw Bale Barrier	FT			
SE-10	Storm Drain Inlet Protection	EA			
WE-1	Wind Erosion Control	LS	1		
TC-1	Stabilized Construction Entrance/Exit	EA	1		
TC-2	Stabilized Construction Roadway	EA	1		

Attachment O
Water Pollution Control Cost Breakdown

ITEM	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	VALUE	AMOUNT
TC-3	Entrance/Outlet Tire Wash	EA	1		
NS-1	Water Conservation Practices	LS	1		
NS-2	Dewatering Operations	EA			
NS-3	Paving and Grinding Operations	LS	1		
NS-4	Temporary Stream Crossing	EA			
NS-5	Clear Water Diversion	EA			
NS-6	Illicit Connection/ Discharge	LS	1		
NS-7	Potable Water/Irrigation	LS			
NS-8	Vehicle and Equipment Cleaning	LS	1		
NS-9	Vehicle and Equipment Fueling	LS	1		
NS-10	Vehicle and Equipment Maintenance	LS	1		
NS-11	Pile Driving Operations	LS			
NS-12	Concrete Curing	LS			
NS-13	Material and Equipment Use Over Water	LS			
NS-14	Concrete Finishing	LS			
NS-15	Demolition Adjacent to Water	LS	1		
NS-16	Temporary Batch Plants	LS			
WM-1	Material Delivery and Storage	LS	1		
WM-2	Material Use	LS	1		
WM-3	Stockpile Management	LS	1		
WM-4	Spill Prevention and Control	LS	1		
WM-5	Solid Waste Management	LS	1		
WM-6	Hazardous Waste Management	LS			
WM-7	Contaminated Soil Management	LS			
WM-8	Concrete Waste Management	LS	1		
WM-9	Sanitary/Septic Waste Management	LS	1		
WM-10	Liquid Waste Management	LS			
			TOTAL		

Attachment P

Notice of Termination

Attachment Q

BMPs Selected for the Project

Attachment S

Pollutant Testing Guidance Table

Attachment S Pollutant Testing Guidance Table ¹

Category	Construction Site Material	Visually Observable?	Pollutant Indicators ²	Suggested Analyses Field ³	Laboratory
Asphalt Products	Hot Asphalt	Yes - Rainbow Surface or Brown Suspension	Visually Observable - No Testing Required		
	Asphalt Emulsion				
	Liquid Asphalt (tack coat)				
	Cold Mix				
	Crumb Rubber	Yes – Black, solid material	Visually Observable - No Testing Required		
	Asphalt Concrete (Any Type)	Yes - Rainbow Surface or Brown Suspension	Visually Observable - No Testing Required		
Cleaning Products	Acids	No	pH Acidity Anions (acetic acid, phosphoric acid, sulfuric acid, nitric acid, hydrogen chloride)	pH Meter Acidity Test Kit	EPA 150.1 (pH)
					SM 2310B (Acidity)
					EPA 300.0 (Anion)
	Bleaches	No	Residual Chlorine	Chlorine	SM 4500-CL G (Res. Chlorine)
	Detergents	Yes - Foam	Visually Observable - No Testing Required		
	TSP	No	Phosphate	Phosphate	EPA 365.3 (Phosphate)
	Solvents	No	VOC	None	EPA 601/602 or EPA 624 (VOC)
SVOC			None	EPA 625 (SVOC)	

Attachment S Pollutant Testing Guidance Table ¹

Category	Construction Site Material	Visually Observable?	Pollutant Indicators ²	Suggested Analyses Field ³	Laboratory
Portland Concrete Cement & Masonry Products	Portland Cement (PCC)	Yes - Milky Liquid	Visually Observable - No Testing Required		
	Masonry products	No	pH	pH Meter Alkalinity or Acidity Test Kit	EPA 150.1 (pH)
			Alkalinity		SM 2320 (Alkalinity)
	Sealant (Methyl Methacrylate - MMA)	No	Methyl Methacrylate	None	EPA 625 (SVOC)
			Cobalt		EPA 200.8 (Metal)
			Zinc		
	Incinerator Bottom Ash Bottom Ash Steel Slag Foundry Sand Fly Ash Municipal Solid Waste	No	Aluminum Calcium Vanadium Zinc	Calcium Test	EPA 200.8 (Metal) EPA 200.7 (Calcium)
	Mortar	Yes - Milky Liquid	Visually Observable - No Testing Required		
	Concrete Rinse Water	Yes - Milky Liquid	Visually Observable - No Testing Required		
	Non-Pigmented Curing Compounds	No	Acidity	pH Meter Alkalinity or Acidity Test Kit	SM 2310B (Acidity)
Alkalinity			SM 2320 (Alkalinity)		
pH			EPA 150.1 (pH)		
VOC			EPA 601/602 or EPA 624 (VOC)		
SVOC			EPA 625 (SVOC)		

Attachment S Pollutant Testing Guidance Table ¹

Category	Construction Site Material	Visually Observable?	Pollutant Indicators ²	Suggested Analyses Field ³	Laboratory	
Landscaping and Other Products	Aluminum Sulfate	No	Aluminum	TDS Meter Sulfate	EPA 200.8 (Metal)	
			TDS		EPA 160.1 (TDS)	
			Sulfate		EPA 300.0 (Sulfate)	
	Sulfur-Elemental	No	Sulfate	Sulfate	EPA 300.0 (Sulfate)	
	Fertilizers-Inorganic ⁴	No	Nitrate	Nitrate	EPA 300.0 (Nitrate)	
			Phosphate	Phosphate	EPA 365.3 (Phosphate)	
			Organic Nitrogen	None	EPA 351.3 (TKN)	
			Potassium	None	EPA 200.8 (Metal)	
	Fertilizers-Organic	No	TOC	Nitrate	EPA 415.1 (TOC)	
			Nitrate		EPA 300.0 (Nitrate)	
			Organic Nitrogen		EPA 351.3 (TKN)	
			COD		EPA 410.4 (COD)	
	Natural Earth (Sand, Gravel, and Topsoil)	Yes - Cloudiness and turbidity	Visually Observable - No Testing Required			
	Herbicide	No	Herbicide	None	Check lab for specific herbicide or pesticide	
	Pesticide		Pesticide			
Lime	Alkalinity		pH Meter Alkalinity or Acidity Test Kit	SM 2320 (Alkalinity)		
	pH			EPA 150.1 (pH)		

Attachment S
Pollutant Testing Guidance Table ¹

Category	Construction Site Material	Visually Observable?	Pollutant Indicators ²	Suggested Analyses Field ³	Laboratory
Painting Products	Paint	Yes	Visually Observable - No Testing Required		
	Paint Strippers	No	VOC	None	EPA 601/602 or EPA 624 (VOC)
			SVOC	None	EPA 625 (SVOC)
	Resins	No	COD	None	EPA 410.4 (COD)
			SVOC		EPA 625 (SVOC)
	Sealants	No	COD	None	EPA 410.4 (COD)
	Solvents	No	COD	None	EPA 410.4 (COD)
			VOC		EPA 601/602 or EPA 624 (VOC)
			SVOC		EPA 625 (SVOC)
	Lacquers, Varnish, Enamels, and Turpentine	No	COD	None	EPA 410.4 (COD)
			VOC		EPA 601/602 or EPA 624 (VOC)
			SVOC		EPA 625 (SVOC)
	Thinners	No	VOC	None	EPA 601/602 or EPA 624 (VOC)
			COD		EPA 410.4 (COD)
Portable Toilet Waste Products	Portable Toilet Waste	Yes	Visually Observable - No Testing Required		

Attachment S Pollutant Testing Guidance Table ¹

Category	Construction Site Material	Visually Observable?	Pollutant Indicators ²	Suggested Analyses Field ³	Laboratory
Contaminated Soil ⁵	Aerially Deposited Lead ³	No	Lead	None	EPA 200.8 (Metal)
	Petroleum	Yes – Rainbow Surface Sheen and Odor	Visually Observable - No Testing Required		
	Other	No	Contaminant Specific	Contaminant Specific	Contaminant Specific
Line Flushing Products	Chlorinated Water	No	Total chlorine	Chlorine	SM 4500-CL G (Res. Chlorine)
Adhesives	Adhesives	No	COD	None	EPA 410.4 (COD)
			Phenols	Phenol	EPA 420.1 (Phenol)
			SVOC	None	EPA 625 (SVOC)
Dust Palliative Products	Salts (Magnesium Chloride, Calcium Chloride, and Natural Brines)	No	Chloride	Chloride	EPA 300.0 (Chloride)
			TDS	TDS Meter	EPA 160.1 (TDS)
			Cations (Sodium, Magnesium, Calcium)	None	EPA 200.7 (Cations)
Vehicle	Antifreeze and Other Vehicle Fluids	Yes - Colored Liquid	Visually Observable - No Testing Required		
	Batteries	No	Sulfuric Acid	None	EPA 300.0 (Sulfate)
			Lead	None	EPA 200.8 (Metal)
			pH	pH Meter Alkalinity or Acidity Test Kit	EPA 150.1 (pH)
	Fuels, Oils, Lubricants	Yes - Rainbow Surface Sheen and Odor	Visually Observable - No Testing Required		

Attachment S
Pollutant Testing Guidance Table ¹

Category	Construction Site Material	Visually Observable?	Pollutant Indicators ²	Suggested Analyses Field ³	Laboratory
Soil Amendment/Stabilization Products	Polymer/Copolymer ^{6,7}	No	Organic Nitrogen	None	EPA 351.3 (TKN)
			BOD	None	EPA 405.1 (BOD)
			COD	None	EPA 410.4 (COD)
			DOC	None	EPA 415.1 (DOC)
			Nitrate	Nitrate	EPA 300.0 (Nitrate)
			Sulfate	Sulfate	EPA 300.0 (Sulfate)
			Nickel	None	EPA 200.8 (Metal)
	Straw/Mulch	Yes - Solids	Visually Observable - No Testing Required		
	Lignin Sulfonate	No	Alkalinity	Alkalinity	SM 2320 (Alkalinity)
			TDS	TDS Meter	EPA 160.1 (TDS)
	Psyllium	No	COD	None	EPA 410.4 (COD)
			TOC		EPA 415.1 (TOC)
	Guar/Plant Gums	No	COD	None	EPA 410.4 (COD)
			TOC		EPA 415.1 (TOC)
			Nickel		EPA 200.8 (Metal)
	Gypsum	No	pH	pH Meter Alkalinity or Acidity Test Kit	EPA 150.1 (pH)
			Calcium	Calcium	EPA 200.7 (Calcium)
			Sulfate	Sulfate	EPA 300.0 (Sulfate)
			Aluminum	None	EPA 200.8 (Metal)
			Barium		
			Manganese		
Vanadium					

Attachment S Pollutant Testing Guidance Table ¹

Category	Construction Site Material	Visually Observable?	Pollutant Indicators ²	Suggested Analyses Field ³	Laboratory
Treated Wood Products	Ammoniacal-Copper-Zinc-Arsenate (ACZA)	No	Arsenic	Total Chromium	EPA 200.8 (Metal)
	Copper-Chromium-Arsenic (CCA)		Total Chromium		
	Ammoniacal-Copper-Arsenate (ACA)		Copper		
	Copper Naphthenate		Zinc		
	Creosote	Yes - Rainbow Surface or Brown Suspension	Visually Observable - No Testing Required		

Notes:

1. 1 If specific pollutant is known, analyze only for that specific pollutant. See MSDS to verify.
2. For each construction material, test for one of the pollutant indicators. Bolded pollutant indicates lowest analysis cost or best indicator. However, the composition of the specific construction material, if known, is the first criterion for selecting which analysis to use.
3. See www.hach.com, www.lamotte.com, www.yei.com and www.chemetrics.com for some of the test kits
4. If the type of inorganic fertilizer is unknown, analyze for all pollutant indicators listed.
5. Only if special handling requirements are required in the contract documents for aerially deposited lead (ADL)
6. If used with a dye or fiber matrix, it is considered visually observable and no testing is required.
7. Based upon research conducted by the State of California Department of Transportation (Caltrans), the following copolymers/polymers do not discharge pollutants and water quality sampling and analysis is **not** required: Super Tak™, M-Binder™, Fish Stik™, Pro40dc™, Fisch-Bond™, and Soil Master WR™.

