

Proposal Full View

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Applicant Information

Organization Name: City of Chino *

Tax ID: 950930239

Proposal Name: Pine Avenue Storm Drain Project *

Proposal Objective: Pine Avenue is a primary east west regional arterial connecting commuter traffic as well as local and interstate distribution through the Inland Empire. Closure of the roadway due to flooding results in significant impacts to regional commuter and truck traffic flow, as well as an increase in the region's State and Interstate highway traffic. Deterioration of adequate storm water conveyance in the Chino Preserve continues to threaten the viability public infrastructure, private property, local business, and the ability for the City to provide adequate emergency response. In addition, there are significant potential impacts to emergency response time due to detours or roadway conditions resulting from flooded road closures as well as the deterioration of the existing roadway due to the scour and erosion of storm water flood flows. Completing this Project substantially addresses flood protection while supporting efforts to enhance water quality as well as erosion and sediment impacts. The goals and objectives of the Pine Avenue Storm Drain Project are consistent with the Santa Ana Watershed's IRWM, the Santa Ana Watershed Project Authority "One Water One Watershed", and Statewide priorities to (1) improve the region's flood protection by addressing storm water flood risk at major master planned regional arterials, (2) provide more sustainable flood water management systems through the construction of improved storm water conveyance systems, (3) provide for better emergency preparedness and response through the management of storm water, (4) improve water quality in the Prado Basin through conveyance of storm waters to Prado Lake as part of the City of Chino Preserve Natural Treatment System Master Plan., and (5) reduce erosion and sediment transport to an unnamed channel and ultimately to Prado Park Lake, a 303(d) listed impaired body. *

Budget

Other Contribution	\$0.00
Local Contribution	\$2,500,000.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$2,400,000.00 *
Total Project Cost	\$4,900,000.00 *

Geographic Information

Latitude * DD(+/-) 33 MM 57 SS 24

Longitude * DD(+/-) 117 MM 38 SS 10

Longitude/Latitude Clarification: Long/Lat = Approx Center of Project

Location: Chino CA. Pine Ave at crossing of unnamed creek, west of Cucamonga Ave, east of Meadowhouse Ave

County: San Bernardino *

Ground Water Basin: Upper Santa Ana Valley-Chino

Hydrologic Region: South Coast

Watershed: Santa Ana Watershed

Legislative Information

Assembly District: 61st Assembly District *

Senate District: 32nd Senate District *

US Congressional District: District 42 (CA) *

Project Information

Project Benefits Information

Project Name:

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Flood Protection	200	The lack of adequate storm water conveyance on Pine Avenue in the City of Chino (City) and the resulting deterioration of the roadway continue to threaten the viability of public infrastructure, private property, local business, and the ability for the City to provide adequate emergency response. Completion of this Project would address storm water flood risk to this major

			east west arterial, which connects to Interstate 15 and State Route 71, while providing regional benefits.
Secondary	Conveyance-Other	0	The current conditions in the area do not provide sufficient capacity for storm water conveyance or flood control, resulting in significant and damaging flood events in events as frequent as a 2-year storm event. The City is planning for a long-term sustainable system that will have a life span of 50+ years addressing current impacts and planning for the long term urbanization of the area. Through roadway and storm drain improvements, the roadway will require less short and long term maintenance, as well as result in a reduction in the frequency of potential road washout.
Tertiary	Emergency Response	0	As show on the Regional Map, Pine Avenue provides east west traffic circulation in the area and is highly utilized by commuter and truck traffic as well as emergency response vehicles. The current flooding conditions in this area result in road closures and detours around this major east west arterial and have caused significant long-term damage to the roadway. Due to the lack of a sufficient storm water conveyance system, the road experiences extensive erosion, which affects the flow of traffic and, more importantly, the ability for emergency response vehicles to reach their destination.
Quaternary	Water and Sediment Quality-Other	0	The Pine Avenue Storm Drain Project (Project) offers considerable water quality improvements to stormwater reaching the Prado Basin. These improvements include an incremental reduction in total suspended solids (TSS) and an estimated overall sediment load reduction of more than 90 cubic yards per year (see Att 9). This TSS reduction provides a significant benefit to downstream water users, such as Orange County Water District (OCWD), who utilize water stored within Prado Basin as a water supply and a source of groundwater replenishment. By reducing treatment requirements and costs (e.g. source protection); the Project offsets a portion of the total pollutant removal that is required by downstream water users; freeing up treatment capacity of downstream water quality systems. While these contributions may not singly mitigate the need for downstream capital projects, Project elements provide quantifiable water supply benefits to 100,000 Orange County and downstream users.

Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="2500000"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="0"/>
Amount Requested	<input type="text" value="2400000"/>
Total Project Cost	<input type="text" value="4900000"/>

Geographic Information

Latitude DD(+/-)	<input type="text" value="33"/>	<input type="text" value="MM 57"/>	<input type="text" value="SS 24"/>
Longitude DD(+/-)	<input type="text" value="117"/>	<input type="text" value="MM 38"/>	<input type="text" value="SS 10"/>
Longitude/Latitude Clarification	<input type="text" value="Long/Lat = Approx"/>	Location	<input type="text" value="Chino CA. Pine Ave at crossing of unnamed creek, w"/>

County	San Bernardino
Ground Water Basin	Upper Santa Ana Valley-Chino
Hydrologic Region	South Coast

Santa Ana Watershed

Legislative Information

Assembly District	61st Assembly District
Senate District	32nd Senate District
US Congressional District	District 42 (CA)

Section : Applicant Information Question Tab

APPLICANT INFORMATION QUESTION TAB

Q1. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles or types.

The Pine Avenue Storm Drain Project is a part of a master planned solution to a regional storm water flood risk condition in an unimproved portion of the former agricultural preserve in the City of Chino (The Preserve). Pine Avenue experiences significant flooding during high frequency storm events resulting in road closures, impacts to regional circulation, loss and damage to private property, and significant challenges to provide emergency access. The Project addresses the flood risks and impacts for a portion of Pine Avenue at the crossing of an un-named creek located near Meadowhouse Avenue currently subject to high levels of flooding, significant water quality impacts from local runoff, and high erosion to the Prado Basin.

Q2. PROJECT DIRECTOR

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Project Director: Jose Alire, 13220 Central Avenue, Chino CA 91710, 909-464-8393, jalire@cityofchino.org

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Jesus Plasencia, 13220 Central Avenue, Chino CA 91710, 909-464-0781, jplasencia@cityofchino.org

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state, and zip code of the applicant submitting the application. Also provide the name and contact information of the person filling out the online application.

Applicant: City of Chino, 13220 Central Avenue, Chino CA 91710, 909-627-7577 Submitting Application on Behalf of Applicant: Christina Leach, Terra Consulting Group, 5753G E Santa Ana Cyn Rd., #332, Anaheim Hills, CA 92808, 714-321-1402, cleach@terraconsultinggroup.com

Q5. ADDITIONAL INFORMATION

Provide the funding area(s) in which projects are located.

http://www.water.ca.gov/irwm/integregio_fundingarea.cfm

Santa Ana Funding Area

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD (S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

http://www.waterboards.ca.gov/waterboards_map.shtml

Santa Ana Regional Water Quality Control Board

Q7. ELIGIBILITY

Is the application from an IRWM planning region approved in the RAP (See Section II B, Table 1)? If yes, include the name of the IRWM planning region. If not, explain.

Yes, Santa Ana Watershed Project Authority

Q8. ELIGIBILITY

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

Yes. The applicant is the City of Chino, California.

Q9. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q10 and Q11.

The City of Chino is an urban water supplier and the applicant for grant funding. AB1420 certification is submitted to the DWR with this application.

**Q10.
ELIGIBILITY**

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q9, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

Yes. The 2010 UWMP will be submitted prior to the July 1, 2011, deadline.

**Q11.
ELIGIBILITY**

Have any urban water suppliers listed in Q9 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

Submitted with this grant application.

**Q12.
ELIGIBILITY**

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project (s) and list the agency(ies) that will implement the project(s).

No.

**Q13.
ELIGIBILITY**

For the agency(ies) listed in Q12, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section III.B of the Grant Guidelines?

N/A

**Q14:
ELIGIBILITY**

Does the applicant have a Stormwater Resources Plan developed pursuant to Part 2.3 (commencing with Section 10560) of Division 6 of the Water Code, or an IRWM Plan that includes the Stormwater Resources Plan requirements specified in Section 10562 of the Water Code? Please answer yes or no. If yes, please answer Question 15 or 16, as applicable.

- a) Yes
- b) No

**Q15:
ELIGIBILITY**

For applicants with a Stormwater Resources Plan, does that Plan meet the standards set forth in Part 2.3 of Division 6 of the CWC? If yes, provide attachment 13.

- a) Yes
- b) No

**Q16:
ELIGIBILITY**

For applicants with an IRWM Plan, does that Plan include the Stormwater Resources Plan requirements specified in Section 10562 of the CWC? If yes, provide attachment 13.

- a) Yes
- b) No

**NOTES TO BMS
ADMINISTRATOR**

Provide notes about any potential problems you may have had with BMS that are particular to your application.

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

**ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY
REQUIREMENTS**

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att1_SWF_Eligible_1of4.docx

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att1_SWF_Eligible_2of4.doc

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att1_SWF_Eligible_3of4.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att1_SWF_Eligible_4of4.pdf

Upload additional Authorization and Eligibility documentation here.

ATTACHMENT 2: ADOPTED PLAN AND PROOF OF FORMAL ADOPTION

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att2_SWF_Adopt_1of1.pdf

Upload additional Proof of Formal Adoption documentation here. Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here. Upload additional Proof of Formal Adoption documentation here.

ATTACHMENT 3: WORK PLAN

Upload the Work Plan here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att3_SWF_WorkPlan_1of5.doc

Upload additional work plan components here.
Last Uploaded Attachments: Att3_SWF_WorkPlan_2of5.pdf

Upload additional work plan components here. Upload additional work plan components here.
Last Uploaded Attachments: Att3_SWF_WorkPlan_3of5.docx Last Uploaded Attachments: Att3_SWF_WorkPlan_4of5.pdf

Upload additional work plan components here.
Last Uploaded Attachments: Att3_SWF_WorkPlan_5of5.docx

ATTACHMENT 4: BUDGET

Upload the Budget here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att4_SWF_Budget_1of3.xlsx

Upload additional budget components here. Upload additional budget components here.
Last Uploaded Attachments: Att4_SWF_Budget_2of3.xlsx Last Uploaded Attachments: Att4_SWF_Budget_3of3.doc

Upload additional budget components here. Upload additional budget components here.

ATTACHMENT 5: SCHEDULE

Upload the Schedule here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att5_SWF_Schedule_1of2.pdf

Upload additional schedule components here.
Last Uploaded Attachments: Att5_SWF_Schedule_2of2.mpp

Upload additional schedule components here. Upload additional schedule components here.

Upload additional schedule components here.

ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att6_SWF_Measures_1of2.docx

Upload additional Monitoring, Assessment, and Performance Measures here. Upload additional Monitoring, Assessment, and Performance Measures here.
Last Uploaded Attachments: Att6_SWF_Measures_2of2.xlsx

Upload additional Monitoring, Assessment, and Performance Measures here. Upload additional Monitoring, Assessment, and Performance Measures here.

ATTACHMENT 7: ECONOMIC ANALYSIS - FLOOD DAMAGE REDUCTION COSTS AND BENEFITS

Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att7_SWF_DReduc_1of2.xlsx

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.
Last Uploaded Attachments: Att7_SWF_DReduc_2of2.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

ATTACHMENT 8: ECONOMIC ANALYSIS - WATER SUPPLY COSTS AND BENEFITS

Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att8_SWF_WSBen_1of1.docx

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Section : Application Attachments Tab (cont)

APPLICATION ATTACHMENTS TAB (CONT)

ATTACHMENT 9: WATER QUALITY AND OTHER EXPECTED BENEFITS

Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att9_SWF_WQOtherBen_1of2.xlsx

Upload additional Water Quality and Other Expected Benefits documentation here.

Last Uploaded Attachments: Att9_SWF_WQOtherBen_2of2.doc

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

ATTACHMENT 10: COSTS AND BENEFITS SUMMARY

Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att10_SWF_CBSummary_1of1.xlsx

Upload additional Costs and Benefits Summary documentation here.

ATTACHMENT 11: PROGRAM PREFERENCES

Upload Program Preference documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att11_SWF_Preference_1of1 Pine.docx

Upload additional Program Preference documentation here.

ATTACHMENT 12: AB1420 AND WATER METER COMPLIANCE INFORMATION

Upload AB1420 and Water Meter Compliance Information here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att12_SWF_AB1420_1of2.pdf

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

Last Uploaded Attachments: Att12_SWF_AB1420_2of2.pdf

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

ATTACHMENT 13: STORMWATER RESOURCES PLAN

This attachment is only necessary if the applicant has an existing Stormwater Resources Plan, pursuant (commencing with Section 10560) of Division 6 of the Water Code and answered "yes" to Q15 or Q16.

The summary text must be no more than 5 pages in length using a minimum of 10-point type font. Excerpts from the Plan must not exceed 15 pages.

Attachment 13 must provide the following:

Identify and include portions of the applicable Plan that demonstrate all of the standards of Part 2.3 (commencing with Section 10560) of Division 6 of the CWC.

Upload additional Stormwater Resources Plan documentation here.
