

Proposal Full View

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Applicant Information

Organization Name *

Tax ID **950930239**

Proposal Name City of Chino Arterial Flood and Stormwater Management Project *

Proposal Objective

The City of Chino Arterial Flood and Stormwater Management Project is designed to manage stormwater runoff and reduce flood damages to Pine Avenue, a major east/west arterial, and surrounding properties. The Project has been identified for implementation due to the roadway's propensity for extreme flooding during minor rain events. Flooding of the roadway and surrounding property causes considerable damage to the roadway, results in potential damage to underground utilities, leads to significant delays to commuter and emergency service vehicles, results in erosion to surrounding private and electrical transmission easement properties, and affects water quality. The Proposal achieves several goals and objectives consistent with the regional IRWM Plan ("OWOW") and Statewide priorities. Goals: 1) Improve regional flood protection; 2) Provide a sustainable flood water management system; 3) Improve public safety through flood and stormwater management, and 4) Improve regional water quality and reduce erosion and sediment transport. Objectives: 1) Provide a long-term sustainable flood water management and stormwater conveyance system designed to withstand up to and including a 100-year storm event in the area's ultimate build out condition; 2) Reduce risk of flooding at a major master planned arterial; 3) Improve emergency preparedness and response through the reduced risk of damage to underground utilities and by reducing the number of days this major arterial is closed; 4) Increase expediency at which flood waters drain from the surrounding properties, providing reliable access to the electrical transmission line to the north, which services 2.2 million Southern CA residents, and reducing erosion to the private property to the south; and 5) Improve water quality in the Prado Basin, a valuable habitat area and primary source of groundwater for downstream water users, by reducing pollutants, erosion and sediment transport. *

Budget

Other Contribution	<input type="text" value="\$0.00"/>
Local Contribution	<input type="text" value="\$2,022,384.40"/>
Federal Contribution	<input type="text" value="\$0.00"/>
Inkind Contribution	<input type="text" value="\$0.00"/>
Amount Requested	<input type="text" value="\$2,000,000.00"/> *
Total Project Cost	<input type="text" value="\$4,022,384.40"/> *

Geographic Information

Latitude *

Longitude *

Longitude/Latitude Clarification

Long/Lat = Center of Project

Location

Pine Avenue at crossing of unnamed creek, west of Euclid Avenue, east of Meadowhouse Avenue

County San Bernardino *

Ground Water Basin Upper Santa Ana Valley-Chino

Hydrologic Region South Coast

Watershed Santa Ana River Watershed

Legislative Information

Assembly District 61st Assembly District *

Senate District 29th Senate District, 32nd Senate District *

US Congressional District District 42 (CA) *

Project Information

Project Name

Implementing Organization	City of Chino
Secondary Implementing Organization	Not Applicable
Proposed Start Date	9/14/2014
Proposed End Date	12/18/2015
Project Scope	Improve flood and stormwater management to reduce frequency of damage inducing floodwaters and improve water quality
	The City of Chino Arterial Flood and Stormwater Management Project is designed to manage stormwater runoff and reduce flood damages to Pine Avenue, a major east/west arterial, and surrounding properties. The Project has been identified for

Project Description	<p>implementation due to the roadway's propensity for extreme flooding during minor rain events. Flooding of the roadway and surrounding property causes considerable damage to the roadway, puts underground utilities at risk, leads to significant delays to commuter and emergency service vehicles, results in erosion to surrounding properties, and affects water quality. The existing drainage course is a shallow earthen channel that transitions to undersized culverts as it passes under Pine, approximately 3' below the current roadway elevation. The combination of undersized culverts and low roadway elevation roadway exposes Pine and surrounding properties to damaging floodwaters that this project will alleviate. The Project increases the capacity of the culverts running under Pine and provides an improved channel upstream/downstream of the arterial. The vertical alignment of the roadway will be raised, bringing the profile above the 100-yr floodplain. The combined design aspects of the Project will increase the expediency at which stormwater is routed away from the roadway and immediate property, reducing the frequency of "backwater" events and the effects of damaging floodwaters. The Project is consistent with the IRWM Plan "One Water One Watershed" and Statewide priorities to 1) improve regional flood protection by addressing stormwater flood risk at major master planned regional arterials 2) provide sustainable floodwater management systems through the construction of improved stormwater conveyance systems 3) improve public safety through the reduced risk of damage to underground utilities and improved emergency response by reducing the number of days this major arterial is closed 4) improve regional water quality.</p>
Project Objective	<p>1) improve flood protection by addressing stormwater flood risk at a major master planned regional arterial, 2) sustainable floodwater management through the construction of improved stormwater conveyance systems, 3) improved emergency preparedness and response through the reduced risk of damage to underground utilities and by reducing the number of days this major arterial is closed, and 4) improve regional water quality in the Prado Basin for downstream water users.</p>

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	2022384.40
Federal Contribution	0
Inkind Contribution	0
Amount Requested	2000000
Total Project Cost	4022384.40

Geographic Information

Latitude DD(+/-)	33	MM 57	SS 24
Longitude DD(+/-)	117	MM 38	SS 10
Longitude/Latitude Clarification	Long/Lat = Cer	Location	Pine Avenue at crossing of unnamed creek, west
County	San Bernardino Ground Water Basin Upper Santa Ana Valley-Chino Hydrologic Region South Coast WaterShed		
Watershed	Santa Ana River Watershed		

Legislative Information

Assembly District	61st Assembly District
Senate District	29th Senate District
US Congressional District	District 42 (CA)

Project Information

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Project Description	<p>damage to the roadway, puts underground utilities at risk, leads to significant delays to commuter and emergency service vehicles, results in erosion to surrounding properties, and affects water quality. The existing drainage course is a shallow earthen channel that transitions to undersized culverts as it passes under Pine, approximately 3' below the current roadway elevation. The combination of undersized culverts and low roadway elevation roadway exposes Pine and surrounding properties to damaging floodwaters that this project will alleviate. The Project increases the capacity of the culverts running under Pine and provides an improved channel upstream/downstream of the arterial. The vertical alignment of the roadway will be raised, bringing the profile above the 100-yr floodplain. The combined design aspects of the Project will increase the expediency at which stormwater is routed away from the roadway and immediate property, reducing the frequency of "backwater" events and the effects of damaging floodwaters. The Project is consistent with the IRWM Plan "One Water One Watershed" and Statewide priorities to 1) improve regional flood protection by addressing stormwater flood risk at major master planned regional arterials 2) provide sustainable floodwater management systems through the construction of improved stormwater conveyance systems 3) improve emergency preparedness and response through the reduced risk of damage to underground utilities and by reducing the number of days this major arterial is closed 4) improve regional water quality.</p>
Project Objective	<p>1) improve flood protection by addressing stormwater flood risk at a major master planned regional arterial, 2) sustainable floodwater management through the construction of improved stormwater conveyance systems, 3) improve emergency preparedness and response through the reduced risk of damage to underground utilities and by reducing the number of days this major arterial is closed, and 4) improve regional water quality in the Prado Basin for downstream water users.</p>

Project Benefits Information

Project Objective

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Local Contribution	2022384.40
Federal Contribution	0
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Amount Requested	2000000
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County San Bernardino Ground Water Basin Upper Santa Ana Valley-Chino Hydrologic Region South Coast WaterShed			
Santa Ana River Watershed			

Legislative Information

Assembly District	61st Assembly District
Senate District	29th Senate District, 32nd Senate District
US Congressional District	District 42 (CA)

Section : Applicant Information Question Tab

APPLICANT INFORMATION QUESTION TAB

01. PROPOSAL DESCRIPTION

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

The City of Chino Arterial Flood and Stormwater Management Project is designed to manage stormwater runoff and reduce flood damages to Pine Avenue, a major east/w arterial, and surrounding properties. The Project has been identified for implementation due to the roadway's propensity for extreme flooding during minor rain events. Flooding the roadway and surrounding property causes considerable damage to the roadway, puts underground utilities at risk, leads to significant delays to commuter and emergency service vehicles, results in erosion to surrounding properties, and affects water quality. The existing drainage course is a shallow earthen channel that transitions to undersized culverts as it passes under Pine, approximately 3' below the current roadway elevation. The combination of undersized culverts and low roadway elevation roadway exposes and surrounding properties to damaging floodwaters that this project will alleviate. The Project increases the capacity of the culverts running under Pine and provides an improved channel upstream/downstream of the arterial. The vertical alignment of the roadway will be raised, bringing the profile above the 100-yr floodplain. The combined design aspects of the Project will increase the expediency at which stormwater is routed away from the roadway and immediate property, reducing the frequency of backwater events and effects of damaging floodwaters. The Project is consistent with the IRWM Plan (One Water One Watershed) and Statewide priorities to 1) improve regional flood protection by addressing stormwater flood risk at major master planned regional arterials 2) provide sustainable floodwater management systems through the construction of improved stormwater conveyance systems 3) improve emergency preparedness and response through the reduced risk of damage to underground utilities and by reducing the number of days this major arterial is closed 4) improve regional water quality.

Q2. PROJECT DIRECTOR

Provide the name and details 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, 909-334-3400, 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.

Day-to-Day Contact: Jesus Plasencia, 13220 Central Avenue, Chino CA 91710, 909-334-3417, 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.

City of Chino, 13220 Central Avenue, Chino CA 91710, 909-627-7577

Q5. ADDITIONAL INFORMATION

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

<http://www.water.ca.gov/irwm/grants/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 region approved in the Region Acceptance Process (RAP)? To verify, see RAP website:

<http://www.water.ca.gov/irwm/grants/rap.cfm>. If yes, include the name of the IRWM region. If not, explain.

Yes, the Project is included in the Santa Ana Watershed Project Authority IRWM Plan "One Water, One Watershed"

Q8. ELIGIBILITY

Please specify whether the applicant is a local public agency or non-profit organization as defined in Appendix B of the 2012 Guidelines.

The applicant is the City of Chino, California, a local public agency.

Q9. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and e-mail address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420, see Attachment 10. If there are none, so indicate and answer "NA" for 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 Urban Water Management Plans (UWMPs) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete plan.

Answer "NA" if no urban water supplier identified in Q9 above.

Yes. Please see attached documentation.

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 on or after November 1, 2012? 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 III.B of the 2012 Guidelines for additional information.

Answer "NA" if no urban water supplier identified in Q9 above.

AB 1420 compliance information is submitted with this grant application.

Q12. ELIGIBILITY

Does the Proposal include any groundwater projects or other projects that directly affect groundwater levels or quality? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

No, the Project does not directly affect groundwater levels or quantity.

Q13. ELIGIBILITY

For the agency(ies) listed in Q12, how has the agency complied with CWC §10753 regarding Groundwater Management Plans (GWMPs), as described in Section III.B of the 2012 Guidelines?

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

Not applicable

Q14. ELIGIBILITY

List the agricultural water suppliers that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" for Q15.

This Proposal does not provide funding for any agricultural water suppliers.

Q15. ELIGIBILITY

Have all of the agricultural water suppliers, listed in Q14 above, submitted complete Agricultural Water Management Plan to DWR? Have those plans been verified as complete by DWR? If the plan has not been submitted, please indicate the anticipated submittal date.

Answer "NA" if no agricultural water suppliers were identified in Q14 above.

Not applicable

Q16. ELIGIBILITY

List the surface water diverters that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" for Q17 below.

Not applicable

Q17. ELIGIBILITY

Have all of the surface water diverters, listed in Q16 above, submitted surface water diversion reports in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC? If not, explain and provide the anticipated date for meeting the requirements. Answer "NA" if no surface water diverters identified in Q16 above.

Not applicable

Q18. ELIGIBILITY

List the groundwater users that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" to Q19.

Not applicable

Q19. ELIGIBILITY

Have all of the groundwater users, listed in Q18 above, met the requirements of DWR's CASGEM Program: <http://www.water.ca.gov/groundwater/casgem/>? If not, explain and provide the anticipated date for meeting the requirements. Answer "NA" if no groundwater users were identified in Q18 above.

Not applicable

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.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att1_SWF_Eligible_1of1.pdf

Upload additional Authorization and Eligibility documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 2: 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.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att2_SWF_Adopt_1of1.pdf

Upload additional Proof of Formal Adoption documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional Proof of Formal Adoption documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 3: WORK PLAN

Upload the Work Plan here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att3_SWF_Work Plan_1of2.pdf

Upload additional work plan components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att3_SWF_WorkPlan_2of2.pdf

Upload additional work plan components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional work plan components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 4: BUDGET

Upload the Budget documents here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att4_SWF_Budget_1of1.pdf

Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 5: SCHEDULE

Upload the Schedule here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att5_SWF_Schedule_1of2.pdf

Upload additional schedule components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att5_SWF_Schedule_2of2.mpp

Upload additional schedule components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

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.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att6_SWF_Measures_1of1.pdf

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

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

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

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 7: TECHNICAL JUSTIFICATION OF PROJECTS

Upload Technical Justification of Projects here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att7_SWF_TechJust_1of1.pdf

Upload additional Technical Justification of Projects here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional Technical Justification of Projects here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 8: BENEFITS AND COST ANALYSIS

Upload Benefits and Cost Analysis here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att8_SWF_Benefit Analysis_1of1.pdf

Upload additional Benefits and Cost Analysis documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional Benefits and Cost Analysis documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 9: PROGRAM PREFERENCES

Upload Program Preference documentation here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att9_SWF_Preference_1of1.pdf

Upload additional Program Preference documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 10: GWMP, AB 1420, AND WATER METER COMPLIANCE INFORMATION

If your proposal does not include 1) a groundwater project or a project that directly affects groundwater levels or quality, or 2) an urban water supplier who would receive grant funding, you MUST still upload a document that indicates this attachment is not applicable to your proposal. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Upload GWMP, AB 1420, and Water Meter Compliance documents here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att10_SWF_SelfCert_1of1.pdf