

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



ITEM
3.36
(ID # 8219)

MEETING DATE:

Tuesday, November 6, 2018

FROM : TLMA-TRANSPORTATION:

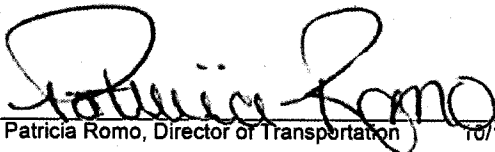
SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY-TRANSPORTATION:

Approve and Execute the Cooperative Funding Agreement between the City of Corona and the County of Riverside for the Temescal Canyon Road Widening Improvements in the Temescal Canyon area. 1st District, [\$419,070 Total Cost]; City of Corona 100% (4/5 Vote Required)

RECOMMENDED MOTION: That the Board of Supervisors:

1. Find that the construction of the City of Corona Facilities for the Temescal Canyon Road Projects (Project Nos. C5-0072 and C6-0066) have been analyzed under the adopted CEQA Initial Studies/Mitigated Negative Declarations, and nothing further is required under CEQA; and
2. Approve and Execute the Cooperative Agreement between the City of Corona and the County of Riverside for the Construction of the City of Corona Facilities as part of Roadway Widening on Temescal Canyon Road, Temescal Valley Area.

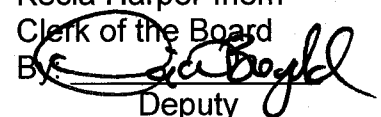
ACTION: 4/5 Vote Required, Policy


Patricia Romo, Director of Transportation 10/18/2018

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Jeffries, seconded by Supervisor Perez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Tavaglione, Washington, Perez and Ashley
Nays: None
Absent: None
Date: November 6, 2018
xc: Transp.

Kecia Harper-Ihem
Clerk of the Board
By 
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 419,070	\$ 0	\$ 419,070	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: City of Corona (100%) There are no County funds used for this Agreement			Budget Adjustment:	No
			For Fiscal Year:	18/19

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

The Transportation Improvement Program (TIP) provides for the widening of two segments of Temescal Canyon Road from two to four travel lanes between Dawson Canyon Road and Dos Lagos Drive in the community of Temescal Valley as described below:

1. Dawson Canyon Road to 0.7 miles north
2. Dos Lagos Drive to Leroy Road

The work also includes applying a slurry seal and new pavement striping to the existing four-lane roadway between the above two segments.

Proposed improvements include the construction of one additional lane in each direction and an 8-foot bike lane in each direction, along with a continuous center turn pocket. Traffic signals will be modified at Dawson Canyon Road and Dos Lagos Drive. Additional improvements include construction of a retaining wall, drainage improvements, utility relocations, sidewalk, curb and gutter, ADA compliant curb ramps, roadside signs, pavement markings, and reconstruction of driveways.

The City of Corona has requested the County of Riverside to include the construction of the relocation of its conflicting facilities in the County's construction contract including the relocation of 18" CMLC pipe, air release vacuum valve, blow off valves, water pressure release valve, and connection to 8" fire service, and associated work. The County Transportation Department recommends that the work be included in the County's construction contract to provide for the best coordination of the utility-related work. All costs under the agreement will be funded by the City of Corona. The costs included in the agreement are based on bids received.

The City of Corona executed the agreement at their City Council meeting on October 17, 2018. The agreement has been reviewed and approved by County Counsel.

Project Nos: C5-0072 and C6-0066

Environmental Impacts

The relocation of City of Corona conflicting facilities will include the relocation of 18" CMLC pipe, air release vacuum valve, blow off valves, water pressure release valve, and connection to 8"

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

fire service, and associated work within the project footprint as analyzed under that particular environmental document referenced below.

As the lead agency under the California Environmental Quality Act (CEQA), the COUNTY prepared Initial Studies (IS) /Mitigated Negative Declarations (MND) for the Dawson Canyon and the Dos Lagos Segments of the Temescal Canyon Road Widening Projects in order to analyze the Projects' impacts to the environment. Based on the findings of the Projects' Initial Studies, the Projects will not have a significant effect on the environment. Per Minute Order dated November 14, 2017 (Agenda Item 3.24), the Riverside County Board of Supervisors adopted the Initial Studies/Mitigated Negative Declarations. Notices of Determination were filed with the Riverside County Clerk's Office on November 14, 2017 (E- 201701466 & E-201701467) and terminated posting on December 20, 2017.

Impact on Citizens and Businesses

The proposed Temescal Canyon Road widening project will reduce traffic congestion and improve overall traffic flow on this important alternate road to Interstate 15. The Transportation Department will work with the contractor to minimize inconvenience to traffic and local businesses, especially during peak traffic periods.

Additional Fiscal Information

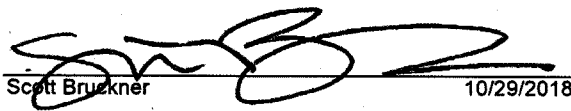
All costs will be paid by City of Corona.

ATTACHMENTS

Vicinity Map

Exhibit A - Cost Estimate

Cooperative Agreement with the City of Corona


Scott Bruckner

10/29/2018


Gregory L. Priamos, Director County Counsel

10/24/2018

Exhibit "A"
To the Cooperative Agreement Between the County of Riverside
And the City of Corona Department of Water and Power Improvements
As Part of the Temescal Canyon Road Widening Project, Temescal Valley Area
County Project No. C5-0072

Summary of Bids Received by Apparent Low Bidder

ALTERNATE BID SCHEDULE A - CITY OF CORONA - UTILITY RELOCATIONS (Dawson Canyon Segment)

ITEM NO.	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	AS BID UNIT PRICE	AS BID TOTAL ESTIMATE
111	RELOCATE 18" CMLC PIPE [CROSSING DAWSON LINE B AND LINE C - LOCATION 1]		LS	1	112,000.00	112,000.00
112	RELOCATE 18" CMLC PIPE [CROSSING DAWSON LINE D - LOCATION 2]		LS	1	87,000.00	87,000.00
113	RELOCATE AIR RELEASE VACUUM VALVE		EA	1	9,100.00	9,100.00
114	RELOCATE BLOW OFF		EA	2	9,000.00	18,000.00
115	RELOCATE WATER PRESSURE RELEASE VALVE		EA	1	14,000.00	14,000.00
116	CONNECT TO EXISTING 8" FIRE SERVICE SALVAGE AND REINSTALL DBL DETECTOR CHECK ASSY		EA	1	20,000.00	20,000.00
117	SUPPORT EXISTING UTILITIES		LS	1	12,900.00	12,900.00
ALTERNATE BID SCHEDULE A TOTAL ITEMS 111 - 117						273,000.00

Total Costs as Bid:	273,000.00
Contingency (10%):	27,300.00
Traffic Control (Pro-rated):	14,196.00
Design (Actual):	26,914.89
Contract Administration (including survey and soils testing) (15%):	47,174.40
Total Estimated Costs:	388,585.29

ALTERNATE BID SCHEDULE B - CITY OF CORONA - WATER SERVICE TRANSFERS (Dawson Canyon and Dos Lagos Segments)

ITEM NO.	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	AS BID UNIT PRICE	AS BID TOTAL ESTIMATE
118	CONSTRUCT 6" PRESSURE REGULATING STATION [LOCATION 1]		LS	1	100,000.00	100,000.00
119	CONSTRUCT 6" PRESSURE REGULATING STATION [LOCATION 2]		LS	1	100,000.00	100,000.00
120	INSTALL 6" FIRE HYDRANT		EA	2	5,200.00	10,400.00
121	INSTALL WATER METER AND TRANSFER WS TO TVWD [1" SERVICE LATERAL]		EA	9	5,000.00	45,000.00
122	INSTALL WATER METER AND TRANSFER WS TO TVWD [1-1/2" SERVICE LATERAL]		EA	7	5,400.00	37,800.00
123	INSTALL WATER METER AND TRANSFER WS TO TVWD [2" SERVICE LATERAL]		EA	1	7,200.00	7,200.00
124	INSTALL 1-1/2" BACKFLOW PREVENTER DEVICE		EA	7	7,500.00	52,500.00
125	INSTALL 2" BACKFLOW PREVENTER DEVICE		EA	1	10,700.00	10,700.00
126	CONNECT TO EXISTING 8" FIRE SERVICE [DOS LAGOS]		EA	1	15,100.00	15,100.00
127	CONNECT TO EXISTING 8" FIRE SERVICE [DAWSON]		EA	1	12,700.00	12,700.00
128	SUPPORT EXISTING UTILITIES		LS	1	15,600.00	15,600.00
ALTERNATE BID SCHEDULE B TOTAL ITEMS 118 - 128						0.00

Total Costs as Bid:	0.00
Contingency (10%):	0.00
Traffic Control (Pro-rated):	0.00
Design (Actual):	30,484.83
Contract Administration (including survey and soils testing) (15%):	0.00
Total Estimated Costs:	30,484.83

Deposit amount (100%) Alt. A & B:

419,070.12

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

TEMESCAL CANYON ROAD

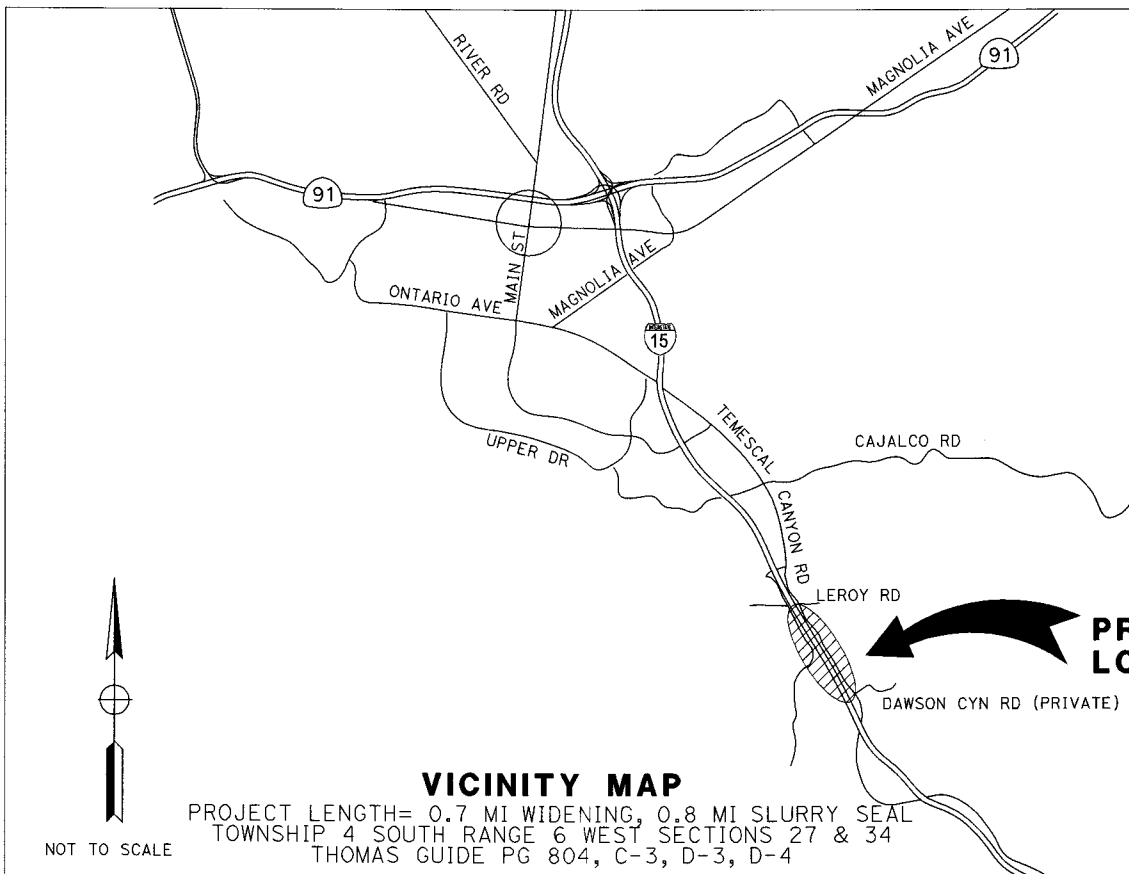
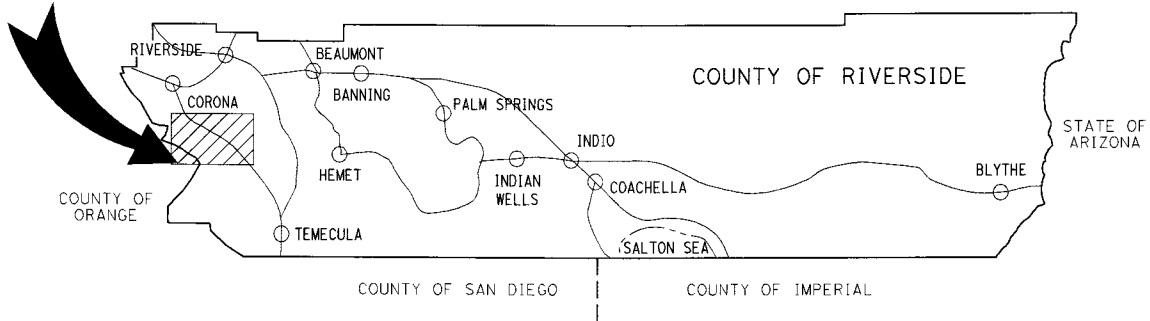
WIDENING: FROM DAWSON DANYON RD TO 0.7 MILES NORTH
AND LEROY RD TO DOS LAGOS DR

SLURRY SEAL: FROM 0.7 MILES NORTH OF DAWON CANYON
TO LEROY RD

IN THE TEMESCAL VALLEY AREA

PROJECT NO.s C5-0072 AND C6-0066

**PROJECT
VICINITY**





MEMORANDUM

RIVERSIDE COUNTY COUNSEL

CONFIDENTIAL
ATTORNEY-CLIENT PRIVILEGE

DATE: October 25, 2018
TO: April Boydd, Assistant Clerk of the Board
FROM: Kristine Bell-Valdez, Supervising Deputy County Counsel
RE: Agreement for the November 6, 2018 Board Agenda
MT #8219

Enclosed please find the following document (s) for an item to be set on the November 6, 2018 Board Agenda for the Transportation and Land Management Agency/Transportation:

Minute Traq Item #8219-Form 11 (for reference)

Agreement with City of Corona for the Temecal Canyon Road Widening Improvements Project.

KBV:rm
Attachment

3.36

**COOPERATIVE AGREEMENT FOR THE CONSTRUCTION OF
City of Corona Department of Water and Power Improvements
As Part of the Temescal Canyon Road
Widening Project,
Temescal Valley Area**

This Agreement is made and entered into this 11 day of November, 2018, by and between the **City of Corona** (hereinafter, "City"), a public agency, and the **County of Riverside**, a political subdivision of the State of California (hereinafter "County").

RECITALS

WHEREAS, the County, acting as lead agency, has opened the public bids for the construction of the Temescal Canyon Road Widening, project numbers C5-0072 and C6--0066, within the Temescal Valley Area in the unincorporated area of Riverside County, California (hereinafter "Project"); and

WHEREAS, City desires for County to include the construction and relocation of the City owned facilities at the expense of the City, as outlined on the Project documents and the construction contract for Project; and

WHEREAS, the purpose of this Agreement and the Exhibit "A" attached hereto and by this reference incorporated herein, is to set forth the financial and other arrangements between County and City for the construction of City's facilities.

NOW THEREFORE, in consideration of the above recited premises, together with the mutual covenants herein contained and attached hereto, it is agreed that:

AGREEMENT

1. DESCRIPTION OF WORK (CITY'S FACILITIES)

Design, construction, and administration of construction items as identified in Bid Schedule "A" and/or Bid Schedule "B" as elected by the City and as described in Exhibit "A" attached hereto, and associated work (hereinafter "The Work" and "City's Facilities"), located within County's Project area as shown on the project improvement plans on file with the County; Temescal Canyon Road Widening Projects, Dawson Canyon Road to 0.7 Mile North and Dos Lagos Drive to Leroy Road, Project No. C5-0072 and C6-0066.

As of the execution of this Agreement, the City is electing to include only Bid Schedule "A" in the City's Facilities. Notwithstanding such election, as provided further below, the City is still currently responsible for the Actual Design Costs for both the Bid Schedule "A" and Bid Schedule "B" work. If

the City elects later to include Bid Schedule "B" in the City's Facilities, the City shall also be responsible for all other costs and expenses related thereto, including but not limited to any additional costs related to the delayed inclusion or any delay claims asserted by the Contractor, and the parties shall enter into a duly approved amendment to this Agreement to document the additional costs and responsibilities.

2. FINANCIAL PARTICIPATION

The Work, which City has requested to be included in County's construction contract as described in Exhibit "A" and Sections 1 and 4, will be constructed at the sole expense of City.

The City's financial obligation for The Work is estimated as follows:

Construction Costs – Bid Schedule A (As Bid)	\$273,000.00
Contingency (10%)	\$27,300.00
Traffic Control Cost (Pro-Rated)	\$14,196.00
Design Cost – Bid Schedule "A" (Actual)	\$26,914.89
Design Cost – Bid Schedule "B" (Actual)	\$30,484.83
<u>Contract Administration Cost (Pro-Rated)</u>	<u>\$47,174.40</u>
Total Estimated City Cost	\$419,070.12

It is mutually understood that this estimate does not include costs for construction inspection of City's facilities or other incidental costs which will be directly borne and paid by the City.

Total Estimated City Cost: City shall deposit with the County the amount of one hundred percent (100%) of the Total Estimated City Cost (\$419,070.12) not later than 30 days after City's receipt of County's invoice.

Construction Costs; Contingency: As used in this Agreement, "Construction Costs" shall mean the amount paid to the County's contractor to complete The Work, including the bid amount indicated in Exhibit "A" attached hereto and any duly approved contract change orders. The Contingency of 10% of the bid amount (\$27,300) ("Contingency Fund") is provided as a budget estimate to pay for contract change orders to the extent changes arise. In the event that changes affecting The Work made during construction require additional work to be performed, that additional work shall be paid by County from the Contingency Fund. If the sum of changes in The Work exceed the Contingency Fund, the parties shall mutually agree upon an amount by which the City shall replenish the Contingency Fund. If, upon completion of The Work, the sum of changes in The Work is less than the remaining Contingency Fund, the balance shall be refunded to the City as part of the final statement discussed below.

Traffic Control: The Traffic Control Cost is a pro-rated amount determined by the parties to be a fair estimate of the Project's overall traffic control costs attributable to The Work. The Traffic Control Cost is agreed to be pro-

rated at 5.2% of the Construction Cost. The final Traffic Control Cost shall be determined as part of the final statement discussed below.

Design Cost: The Bid Schedule "A" Design Cost (\$26,914.89) and the Bid Schedule "B" Design Cost (\$30,484.83) are flat rate costs and are final. Upon payment of the Total Estimated City Cost, as discussed above, the City's obligation for these items will be satisfied.

Contract Administration Cost: The Contract Administration Cost includes costs for coordination, insertion of the City's Facilities plans and specifications in County bid documents, bidding, preparation of contracts, administration of contract, trench backfill materials testing, survey costs, and other tasks associated with the administration of The Work. County and City agree that the estimate for these costs shall be pro-rated, and that an actual accounting of costs would be burdensome. Accordingly, the Contract Administration Cost is agreed to be pro-rated at 15% of the Construction Cost. The final Contract Administration Cost shall be determined as part of the final statement discussed below.

Final Statement: Upon completion of all Project work, County shall calculate the final Construction Cost by calculating the contract change orders discussed above and adding them to the bid amount indicated in Exhibit "A" attached hereto. The County shall then determine the City's final cost by calculating the final pro-rata Traffic Control and Contract Administration Cost amounts attributable to The Work and adding them to the final Construction Cost ("Total Final City Cost"). The County shall then submit to City a final statement of costs clearly setting forth the total amount of funds paid or deposited by City, the total sum remaining due from City, if any, and any amounts due as a refund to the City. Any sum remaining unpaid shall be paid by City within sixty (60) calendar days from the date of submission of final statement by County. Any amounts due to City shall be paid by County within sixty (60) calendar days from date of the final statement.

If the Total Final City Cost exceed the Total Estimated City Cost as shown on Exhibit "A", by an amount greater than 25%, an amendment to this Agreement shall be negotiated and executed by City and County.

3. CONSTRUCTION PLANS AND SPECIFICATIONS

City caused the preparation of detailed construction plans, specifications and cost estimate for The Work, which have been reviewed and approved by both County and City. County shall utilize said engineering documents for the construction of The Work.

4. CONSTRUCTION BIDS AND AWARD OF CONTRACT

As indicated in Section 1 above, the City is electing to include only Bid Schedule "A" in the City's Facilities. The City has made this determination following the County's receipt of the bids for the Project, its determination of the lowest responsive, responsible bid, and its notification to City of its identified portion of the construction and other costs. Accordingly, the City has provided written authorization to County to award the contract to include construction of City's Facilities.

5. CONSTRUCTION AND INSPECTION RESPONSIBILITIES

All City Facilities furnished, constructed and installed by County's contractor shall be installed in compliance with City's standard plans, and County's plans and specifications. All materials furnished by County's Contractor shall conform to City's approved material list. Any and all deviations from said plans and specifications shall be approved by City, in writing, prior to being made. Change orders involving City Facilities will not be implemented by the County without City's prior written approval which shall not be unreasonably delayed, conditioned or withheld. For change orders involving City Facilities where the additional work is not urgently needed, County will submit a written request to City including a reasonable time frame for response and approval by City. In the event City unreasonably delays, conditions or withholds its approval of a change order or additional work involving City Facilities that is warranted for completion of the Work, then City shall be responsible for any and all resulting costs associated with such unreasonable delay, conditioning or withholding, including but not limited to any delay claims asserted by the Contractor.

However, City agrees that County's Engineer, who is the County's on-site construction manager, may order the Change Order or additional work, in advance of receipt of written authorization from City, if the County Engineer determines that additional work is urgently needed for the protection of life or property or to avoid loss of productivity that is likely to result in a right-of-way delay claim to either County or City. County's Engineer shall request verbal approval prior to ordering such urgently needed change or additional work, and City shall exercise best efforts to respond to such request for approval for change or additional work as quickly as reasonably possible.

County's Engineer shall notify City immediately, within 8 hours, after ordering urgently needed change or additional work affecting City's Facilities.

City shall be responsible to inspect the furnishing and installation of all City Facilities and the performance of the involved work by County's Contractor for compliance with the approved construction plans and specifications. Said inspection shall be made through and in coordination with the County's Engineer. City's inspection personnel shall have the authority, through the County's Engineer, to enforce construction plans and specifications for the

involved City facilities, which shall include the authority to require that any and all unacceptable materials, workmanship and/or installation be replaced, repaired or corrected by County's contractor without cost to City. It is mutually understood, however, that the construction contract is between County and its Contractor, and that communication and cooperation must be maintained between County's Engineer and City's Inspector. County will not provide inspection to City's Facilities except as it may affect construction of Project.

All inspection costs incurred by City will be solely paid by City outside of this Agreement. Contract administration costs attributable to City's Facilities shall be borne in accordance with Section 2, and shall be a pro-rated amount of 15% of the final construction costs as specified in Section 2.

6. RECIPROCAL INDEMNIFICATION

County shall indemnify and hold harmless the City, its directors, officers, elected and appointed officials, employees, agents and representatives from any liability, claim, damage or action whatsoever, based or asserted upon any act or omission of County, its officers, employees, contractors, subcontractors, consultants, agents or representatives arising out of or in any way relating to this Agreement, including but not limited to property damage, bodily injury, or death. County shall defend, at its sole cost and expense, including but not limited to attorney fees, cost of investigation, defense and settlements or awards, the City, its directors, officers, elected and appointed officials, employees, agents and representatives in any such action or claim. With respect to any action or claim subject to indemnification herein by County, County shall, at its sole cost, have the right to use counsel of its own choice and shall have the right to adjust, settle, or compromise any such action or claim without the prior consent of City; provided, however, that any such adjustment, settlement or compromise in no manner whatsoever limits or circumscribes County's indemnification of City. County's obligations hereunder shall be satisfied when County has provided to City the appropriate form of dismissal (or similar document) relieving the City from any liability for the action or claim involved. The specified insurance limits required in this Agreement shall in no way limit or circumscribe County's obligations to indemnify and hold harmless the City.

City shall indemnify and hold harmless the County of Riverside, its Agencies, Districts, Special Districts and Departments, their respective directors, officers, Board of Supervisors, elected and appointed officials, employees, agents and representatives from any liability, claim, damage or action whatsoever, based or asserted upon any act or omission of City, its officers, employees, contractors, subcontractors, consultants, agents or representatives arising out of or in any way relating to this Agreement, including but not limited to property damage, bodily injury, or death. City shall defend, at its sole cost and expense, including but not limited to attorney fees, cost of investigation, defense and settlements or awards, the

County of Riverside, its Agencies, Districts, Special Districts and Departments, their respective directors, officers, Board of Supervisors, elected and appointed officials, employees, agents and representatives in any such action or claim. With respect to any action or claim subject to indemnification herein by City, City shall, at its sole cost, have the right to use counsel of its own choice and shall have the right to adjust, settle, or compromise any such action or claim without the prior consent of County; provided, however, that any such adjustment, settlement or compromise in no manner whatsoever limits or circumscribes City's indemnification of County. City's obligations hereunder shall be satisfied when City has provided to County the appropriate form of dismissal (or similar document) relieving the County from any liability for the action or claim involved. The specified insurance limits required in this Agreement shall in no way limit or circumscribe City's obligations to indemnify and hold harmless the County.

7. COUNTY TO PROVIDE INSURANCE

For the period during which County or its contractor(s) controls the job site, County will provide, or cause to be provided, for the entire period of construction, a policy of worker's compensation insurance and comprehensive general liability insurance or self-insurance with coverage broad enough to include the contractual obligation it may have under the construction contract and having a combined single limit of liability in the amount of \$2,000,000 covering City's officers, directors, employees and agents as additional insureds to the same extend such coverage is required to be provided to the County.

8. SUCCESSORS AND ASSIGNS

This agreement shall inure to the benefit of and be binding on each of the parties and their successors and assigns.

9. NOTICES

Any notice required to be sent pursuant to this Agreement shall be sent by U. S. mail, 1st Class postage prepaid and addressed as follows:

COUNTY OF RIVERSIDE
Transportation Department
P.O. Box 1090
Riverside, CA 92502
Attn: Patricia Romo, Director of Transportation

CITY OF CORONA PUBLIC WORKS DEPARTMENT
400 S. Vicentia Avenue
Corona, CA 92882
Attn: Vernon Weisman, District Engineer

Notice shall be deemed given 3 days after deposit is in the mail.

10. EFFECTIVE DATE

This Agreement shall become effective upon acceptance hereof by the County and City and by execution by their respective authorized representatives.

11. GENERAL

This Agreement contains the entire agreement between the parties with respect to the matters herein provided for and may only be amended by a subsequent written agreement executed by all parties. This Agreement may be executed in counterparts, each of which shall be deemed an original but which together shall constitute a single agreement. No waiver of any term or condition of this Agreement shall be a continuing waiver thereof.

IN WITNESS WHEREOF, the parties below have caused this Agreement to be executed.




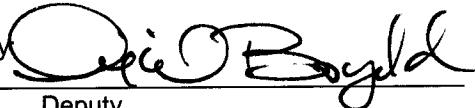
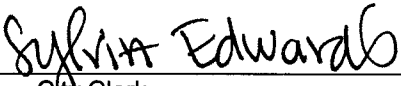
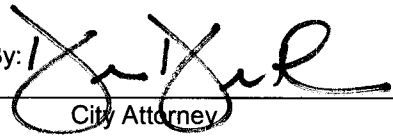
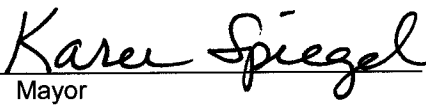
<p>COUNTY APPROVALS</p> <p>RECOMMENDED FOR APPROVAL:</p> <p> _____ Patricia Romo Director of Transportation</p> <p>Dated: _____</p> <p>APPROVED AS TO FORM: County Counsel</p> <p>By:  _____ Kristine Bell-Valdez Supervising Deputy County Council</p>	<p>COUNTY OF RIVERSIDE</p> <p>By:  _____ Chairperson, CHUCK WASHINGTON Board of Supervisors</p> <p>Dated: <u>November 16, 2018</u></p> <p>ATTEST:</p> <p>Kecia Harper-Ihem Clerk of the Board</p> <p>By:  _____ Deputy</p>
<p>CITY APPROVALS</p> <p>ATTEST:</p> <p>By:  _____ City Clerk</p> <p>Dated: <u>10/18/18</u></p> <p>APPROVED AS TO FORM:</p> <p>By:  _____ City Attorney</p>	<p>CITY OF CORONA</p> <p>By:  _____ Mayor</p> <p>Dated: <u>10/17/18</u></p>

Exhibit "A"
To the Cooperative Agreement Between the County of Riverside
And the City of Corona Department of Water and Power Improvements
As Part of the Temescal Canyon Road Widening Project, Temescal Valley Area
County Project No. C5-0072

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119	CONSTRUCT 6" PRESSURE REGULATING STATION [LOCATION 2]		LS	1	100,000.00	100,000.00
120	INSTALL 6" FIRE HYDRANT		EA	2	5,200.00	10,400.00
121	INSTALL WATER METER AND TRANSFER WS TO TVWD [1" SERVICE LATERAL]		EA	9	5,000.00	45,000.00
122	INSTALL WATER METER AND TRANSFER WS TO TVWD [1-1/2" SERVICE LATERAL]		EA	7	5,400.00	37,800.00
123	INSTALL WATER METER AND TRANSFER WS TO TVWD [2" SERVICE LATERAL]		EA	1	7,200.00	7,200.00
124	INSTALL 1-1/2" BACKFLOW PREVENTER DEVICE		EA	7	7,500.00	52,500.00
125	INSTALL 2" BACKFLOW PREVENTER DEVICE		EA	1	10,700.00	10,700.00
126	CONNECT TO EXISTING 8" FIRE SERVICE [DOS LAGOS]		EA	1	15,100.00	15,100.00
127	CONNECT TO EXISTING 8" FIRE SERVICE [DAWSON]		EA	1	12,700.00	12,700.00
128	SUPPORT EXISTING UTILITIES		LS	1	15,600.00	15,600.00
ALTERNATE BID SCHEDULE B TOTAL ITEMS 118 - 128						0.00

Total Costs as Bid:	0.00
Contingency (10%):	0.00
Traffic Control (Pro-rated):	0.00
Design (Actual):	30,484.83
Contract Administration (including survey and soils testing) (15%):	0.00
Total Estimated Costs:	30,484.83

Deposit amount (100%) Alt. A & B:

419,070.12