

DATE: June 24, 2019
TO: RMC Governing Board
FROM: Mark Stanley, Executive Officer
SUBJECT: Item 10: Consideration of a resolution approving a grant budget and scope amendment to the Watershed Conservation Authority for the Duck Farm Phase IA Implementation Project (RMC3609).

PROGRAM AREA: Rivers and Tributaries

PROJECT TYPE: Development

JURISDICTION: County of Los Angeles

PROJECT MANAGER: Joseph Gonzalez

RECOMMENDATION:

That the RMC approve a grant budget and scope amendment to the Watershed Conservation Authority for the Duck Farm Phase IA Implementation Project (RMC 3609).

PROJECT DESCRIPTION:

The Duck Farm Phase 1A Implementation Project (Duck Farm) involves the development of a 31-acre river adjacent park that includes a pocket park and entry, parking, pedestrian amenities and access improvements, interpretive features, 1.25-mile trail, riparian landscape, a wildflower meadow and a river overlook. This amendment updates the grant budgeted scope and task list.

BACKGROUND:

The Duck Farm is a significant project accomplishing the mission of the RMC and WCA which seeks to preserve open space and habitat to provide for low-impact recreation and educational uses, wildlife habitat restoration and protection, and watershed improvements within the San Gabriel River and the Lower Los Angeles River watersheds. Furthermore, the Duck Farm will provide a park in a park poor area of the San Gabriel Valley and will help realize the goals of the San Gabriel River Corridor Master Plan and as a key destination along the Emerald Necklace—a vision for an interconnected trail network of river based parks. (Exhibit A: Project Vicinity Map and Site Plan).

Due to both the complexity of this multi-jurisdictional park development and the \$10+ Million cost to construct the 30-acre river park a variety of funding sources were required. The Duck Farm Phase 1 A project is funded by 6 granting organizations and includes 9 separate grant agreements of varying scale and scope. The following chart identifies both the funders and the dollar values of the grants secured by the project to complete the park's construction that begun April 2019 and scheduled for completion in summer 2020. In the chart the grant budget for RMC 3609 is reflected as \$5,800,000, of which approximately \$513,867 will revert June 30, 2019.

Duck Farm River Park Funding	
Funding Source	Grant Amount
RMC 3609 (State Prop 40,50, 84)	\$5,800,000
RMC 18002 (State Prop 1)	\$1,200,000
RMC Other (State Prop 12, 1)	\$249,494
CNRA River Parkway Grant (Prop 84)	\$1,400,000
RPOSD LA County Prop A	\$247,477
LA County Flood Control District	\$280,000
EEMP (Environmental Enhancement Mitigation Program)	\$388,506
US EPA Supplemental Environmental Program	\$468,750
Total	\$10,034,227

To address the sunseting portion of the grant, as well as, to reflect the task actual items within the awarded \$4,000,000 construction contract and the inclusion of an indirect line item a budget and scope amendment is required. The scope and budget update (Exhibit B: Scope and Budget) rebalance the tasks of the overall project by RMC 3609 (Exhibit C: Task Key and Exhibit D: Construction Contract Schedule of Values) and other funders in a manner which ensures the completion of the River Park.

FISCAL INFORMATION: No change in the total overall project budget. Funding for this grant was encumbered from Prop 40, Prop 50 and Prop 84. Funds have been reallocated between existing and updated budgeted tasks and balanced with other funding sources and/or through the utilization of contingency resulting in no detrimental effect to the overall project deliverable.

LEGISLATIVE AUTHORITY AND RMC ADOPTED POLICIES/AUTHORITIES: This grant was initially authorized by the RMC on March 26, 2007, as specified in Resolution 2007-25 and amended as specified in Resolutions 2008-15, 2009-30, 2010-87,2011-23,2012-13, and 2013-07 and 2014-01.

The Rivers and Mountains Conservancy (RMC) statute provides in part that:

Section 32602: There is in the Resources Agency, the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, which is created as a state agency for the following purposes:

- (a) To acquire and manage public lands within the Lower Los Angeles River and San Gabriel River watersheds, and to provide open-space, low-impact recreational and educational uses, water conservation, watershed improvement, wildlife and habitat restoration and protection, and watershed improvement within the territory.
- (b) To preserve the San Gabriel River and the Lower Los Angeles River consistent with existing and adopted river and flood control projects for the protection of life and property.
- (c) To acquire open-space lands within the territory of the conservancy.

Section 32604: The conservancy shall do all of the following:

- (a) Establish policies and priorities for the conservancy regarding the San Gabriel River and the Lower Los Angeles River, and their watersheds, and conduct any necessary planning activities, in accordance with the purposes set forth in Section 32602.

- (b) Approve conservancy funded projects that advance the policies and priorities set forth in Section 32602.
- (d) To provide for the public's enjoyment and enhancement of recreational and educational experiences on public lands in the San Gabriel Watershed and Lower Los Angeles River, and the San Gabriel Mountains in a manner consistent with the protection of lands and resources in those watersheds.

Section 32614: The conservancy may do all of the following:

- (b) Enter into contracts with any public agency, private entity, or person necessary for the proper discharge of the conservancy's duties, and enter into a joint powers agreement with a public agency, in furtherance of the purposes set forth in Section 32602.
- (e) Enter into any other agreement with any public agency, private entity, or person necessary for the proper discharge of the conservancy's duties for the purposes set forth in Section 32602.
- (f) Recruit and coordinate volunteers and experts to conduct interpretive and recreational programs and assist with construction projects and the maintenance of parkway facilities.

Further, Section 32614 provides that: The conservancy may do all of the following:

- (g) Undertake, within the territory, site improvement projects, regulate public access, and revegetate and otherwise rehabilitate degraded areas, in consultation with any other public agency with appropriate jurisdiction and expertise, in accordance with the purposes set forth in Section 32602. The conservancy may also, within the territory, upgrade deteriorating facilities and construct new facilities as needed for outdoor recreation, nature appreciation and interpretation, and natural resources protection. The conservancy may undertake those projects by itself or in conjunction with another local agency; however, the conservancy shall provide overall coordination of those projects by setting priorities for the projects and by ensuring a uniform approach to projects. The conservancy may undertake those projects with prior notification to the legislative body of the local agency that has jurisdiction in the area in which the conservancy proposes to undertake that activity.

Section 32614.5:

- (a) The conservancy may award grants to local public agencies, state agencies, federal agencies, and nonprofit organizations for the purposes of this division.
- (b) Grants to nonprofit organizations for the acquisition of real property or interests in real property shall be subject to all of the following conditions:
 - (1) The purchase price of any interest in land acquired by the nonprofit organization may not exceed fair market value as established by an appraisal approved by the conservancy.
 - (2) The conservancy approves the terms under which the interest in land is acquired.
 - (3) The interest in land acquired pursuant to a grant from the conservancy may not be used as security for any debt incurred by the nonprofit organization unless the conservancy approves the transaction.
 - (4) The transfer of land acquired pursuant to a grant shall be subject to the approval of the conservancy and the execution of an agreement between the conservancy and the transferee sufficient to protect the interests of the state.
 - (5) The state shall have a right of entry and power of termination in and over all interests in real property acquired with state funds, which may be exercised if any essential term or condition of the grant is violated.

Vicinity Map and Park Site Plan





June 18, 2019

Mark Stanley
Rivers and Mountains Conservancy
100 N. Old San Gabriel Canyon Road
Azusa, CA 91702

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Department of Public Works

EXECUTIVE OFFICER
Mark Stanley

RE: RMC3609 Duck Farm Phase 1A Development Project Budget and Scope Amendment Request

Dear Mr. Stanley:

The Watershed Conservation Authority (WCA) respectfully requests the Rivers and Mountains Conservancy's (RMC) consideration to approve a budget and scope amendment for the Duck Farm Phase 1A Development Project (RMC3609). The river park project celebrated a ground breaking in March 2019 and is currently under construction with a scheduled completion date of summer 2020. This regionally significant 30-acre, \$10+ million river park project is funded by 9 different agreements from 6 funding entities, including the RMC. An updated budget and scope is required to align with each funding source, as well as, address funds set to revert in FY2018/2019. An updated grant document, Exhibit B: Budget and Scope, is attached for your review and approval. Additionally, the updated budget and scope document reflects the schedule of values, by task, of the \$4,000,000 construction contract and includes a new line item to recover grant eligible indirect expenses.

If you have questions regarding the in-construction progress of the project, this amendment request or need additional information, please contact Debbie Enos, Deputy Executive Officer, at denos@wca.ca.gov or 616-815-1019 ext. 112.

Thank you for your consideration.

Sincerely,

Herlinda Chico
WCA Governing Board Chair

**Exhibit B
Task and Budget Update
RMC3609 Duck Farm Phase 1A Step 1 and Step 2**

RMC3609 Original Task #	RMC 3609 Updated Task # Aligned to Construction Contract	Work Plan Tasks	Original Budget	Updated Budget	Difference	% Change	Original Funding By Other	Updated Funding By Other	Difference	% Change	Original Project Total	Updated Project Total	Project GAP (Difference) was funded by RMC 18002	% Change
		Step 1 Construction	2,125,642	2,496,789	371,147	17%	353,582	48,078	(305,504)	-86%	2,479,224	2,544,867	65,643	3%
6		Water Source/Fire Protection	172,582	173,597	1,015	1%	1,031	0	(1,031)	-100%	173,613	173,597	(16)	0%
7		Infrastructure (Site Demo/Prep/Irrigation/Trail System)	1,858,214	2,198,792	340,578	18%	287,397	19,343	(268,054)	-93%	2,145,611	2,218,135	72,524	3%
8		SEP Phytoremediation/Native Plants/Step 1 Plant Establishment	94,846	124,400	29,554	31%	65,154	28,735	(36,419)	-56%	160,000	153,135	(6,865)	-4%
		Step 2 Construction	1,406,589	646,392	(760,197)	-54%	2,088,459	3,462,939	1,374,480	66%	3,495,048	4,109,331	614,283	18%
1	1.00	Mobilization		196,000	196,000						0	196,000	196,000	
		Demo/Prep	77,022		(77,022)	100%	362,041	217,926	(144,115)	-40%	439,063	217,926	(221,137)	-50%
		Earthwork			0			227,000	227,000		0	227,000	227,000	
		Utilities			0			447,000	447,000		0	447,000	447,000	
2	12.04	Pocket Park and Entry	322,902	25,000	(297,902)	92%	287,616	689,133	381,315	132%	610,720	694,133	83,413	14%
3	7.12;10.01;10.02;10.03;12.03	East Entry Tunnel Entry Plaza and Parking	497,805	126,420	(371,385)	75%	88,404		(88,404)	-100%	586,209	126,420	(459,789)	-78%
4		Tunnel Pedestrian Interior Improvements			0		67,385	147,090	79,705	118%	67,385	147,090	79,705	118%
5	12.01;12.02	West Park Entry	265,372	37,000	(228,372)	86%	156,532	165,893	9,361	6%	421,904	202,893	(219,011)	-52%
		Demostration Garden			0			86,772	86,772		0	86,772	86,772	
		Riparian			0		641,726	1,031,091	389,365	61%	641,726	1,031,091	389,365	61%
9		River Overlook	195,911	261,972	66,061	-34%	273,465	193,194	(80,271)	-29%	469,376	455,166	(14,210)	-3%
10	9.011	Interpretive Stations and Furnishings	47,577		(47,577)	100%	211,088	277,840	66,752	32%	268,665	277,840	19,175	7%
11		Contingency/Indirect			0			144,445	144,445		0	144,445	144,445	
		Sub-total Hard Cost	3,532,231	3,143,181	(389,050)	-11%	2,442,041	3,511,017	1,068,976	44%	5,974,272	6,654,198	679,926	11%
		Design/Permit Support (S1&S2), Construction Oversight (S1)	1,122,901	1,141,062	18,161	-2%	230,117	171,422	(58,695)	-26%	1,353,018	1,312,484	(40,534)	-3%
		V/E Support (S2), A/E Construction Oversight (S2)/Interpretive Design		66,015	66,015			74,854	74,854		0	140,869	140,869	
		WCA Services/Other	480,000	429,732	(50,268)	-10%	151,108	187,167	36,059	24%	631,108	616,899	(14,209)	-2%
		Construction Management (S1)	158,201	158,201	0	0%	16,053	0	(16,053)	-100%	174,254	158,201	(16,053)	-9%
		Construction Management (S2)		91,500	91,500			83,923	83,923		0	175,423	175,423	
		Permit Plan Checks/Permit Inspections/Misc. (S1)	190,569	189,855	(714)	0%	18,963	0	(18,963)	-100%	209,532	189,855	(19,677)	-9%
		Specialty Permits/Inspections/Irrigation System Mods/Labor Compliance (S2)		115,486	115,486			68,603	68,603		0	184,089	184,089	
		Plant Establishment (S2)			0			35,278	35,278		0	35,278	35,278	
		Sub-total Soft Cost	1,951,671	2,191,851	240,180	12%	416,241	621,247	205,006	49%	2,367,912	2,813,098	445,186	19%
		Total	5,483,902	5,335,032	(148,870)	-3%	2,858,282	4,132,264	1,273,982	45%	8,342,184	9,467,296	1,125,112	13%
		Restroom Facility	14,541	85,388	70,847	-487%	145,359	0	(145,359)	-100%	159,900	85,388	(74,512)	-47%
		Relocation Expense (rentals and SCE Line)	164,490	164,489	(1)	0%	10,504	0	(10,504)	-100%	174,994	164,489	(10,505)	-6%
		LA County DPW Land Quick Claim (Dirt Road)	54,067	26,964	(27,103)	50%		0	0		54,067	26,964	(27,103)	-50%
		SCE Tower Climb Guards	83,000	58,127	(24,873)	30%		60,001	60,001		83,000	118,128	35,128	42%
		Sub-total Other Expense	316,098	334,968	18,870	6%	155,863	60,001	(95,862)	-62%	471,961	394,969	(76,992)	-16%
		Contingency/Indirect	0	130,000	130,000			41,962	41,962		0	171,962	171,962	
		TOTAL	\$ 5,800,000	\$ 5,800,000	\$ -		\$ 3,014,145	\$ 4,234,227	\$ 1,220,082		\$ 8,814,145	\$ 10,034,227	\$ 1,220,082	

Updated Step 2 Construction Task List Key for RMC3609

Funder	ITEM #	ITEM DESCRIPTION	QUANT. (BID AMT.)	FINAL UNIT PRICE	FINAL TOTAL PRICE	RMC3609
3609	1.00	Mobilization - includes Items #1.01-1.05	7	\$ 28,000.00	\$ 196,000.00	\$196,000.00
3609	7.12	East Tunnel Entry Color Concrete Paving Complete	4621	\$ 20.00	\$ 92,420.00	\$92,420.00
3609	9.011	Overlook Decorative Shade Structure - includes footings, seat walls, lighting, security camera, motion sensors for both overhead structure systems	1	\$ 261,972.00	\$ 261,972.00	\$261,972.00
3609	10.01	East & West Entry - Decorative Metal Work at Gate	2	\$ 5,000.00	\$ 10,000.00	\$10,000.00
3609	10.02	East & West Entry Plaza- Decorative Metal Panel at Tunnel Entry	2	\$ 1,500.00	\$ 3,000.00	\$3,000.00
3609	10.03	East & West Entry Plaza- Fully Custom Ornamental Vehicular Gate	2	\$ 7,500.00	\$ 15,000.00	\$15,000.00
3609	12.01	Barn Improvements - will need submittal for new roll-up barn door	1	\$ 25,000.00	\$ 25,000.00	\$25,000.00
3609	12.02	West Entry Plaza Misc. - Lighting/Security Complete	1	\$ 12,000.00	\$ 12,000.00	\$12,000.00
3609	12.03	East Tunnel Entry Misc. - Lighting/Security Complete	1	\$ 6,000.00	\$ 6,000.00	\$6,000.00
3609	12.04	Front Park Misc. - Lighting/Security Complete	1	\$ 25,000.00	\$ 25,000.00	\$25,000.00
					RMC 3609 TOTAL	\$646,392.00

Construction Contract Schedule of Values

ITEM #	ITEM DESCRIPTION	QUANT. (BID AMT.)	FINAL UNIT PRICE	FINAL TOTAL PRICE	RMC3609
CONSTRUCTION					
1.00	Mobilization - includes Items #1.01-1.05	7	\$ 28,000.00	\$ 196,000.00	\$196,000.00
1.01	Temporary Facilities				
1.02	Performance & Payment Bonds				
1.03	Implementation of required erosion control/ SWPPP measures				
1.04	Temporary Signage - Offsite signage along streets traversed by construction vehicles/ equipment				
1.05	Traffic Control per MUTCD				
2.00	DEMOLITION				
2.01	Remove Non-SCE poles	7	\$ 250.00	\$ 1,750.00	
2.02	Remove Well Water Lines	1	\$ 500.00	\$ 500.00	
2.03	Remove weeds, perform grow&kill, remove 3 inches of soil and relocate soil on site in Lower Riparian Area; install weed cloth and 3" of pea gravel	1	\$ 9,000.00	\$ 9,000.00	
2.04	Demolish concrete trough north-west of tunnel, item 18, LD-104	1,015	\$ 20.00	\$ 20,300.00	
2.05	Temporary Protective Fence - Exist. Power Pole (1), and Back Flow Preventer at East Entry and fire hydrant (West Courtyard)- 36" high, plastic	50	\$ 5.00	\$ 250.00	
2.06	Protect-in-Place Existing Trees (Phase 1A-Step 1 trees)	6	\$ 200.00	\$ 1,200.00	
2.07	Remove asphalt pavement at east park entry area	11,000	\$ 2.00	\$ 22,000.00	
2.08	Remove asphalt paving along Existing Levee Road at the Overlook	5,593	\$ 2.00	\$ 11,186.00	

2.09	Remove existing 6' chainlink fencing at overlook. Dispose of chainlink fence and posts.	105	\$ 8.09	\$ 849.45	
2.10	Sawcut and demolish portion of pavement in front of barn.	1,152	\$ 6.00	\$ 6,912.00	
2.11	Removal of Existing Gates and Frame at Tunnel	2	\$ 200.00	\$ 400.00	
2.12	Remove existing Caltrans fence and gate	40	\$ 6.00	\$ 240.00	
3.00	EARTHWORK/ ROUGH GRADING - THIS INCLUDES INITIAL 12" CUT OF UPPER RIPARIAN STREAM CHANNEL ALIGNMENT. PROJECT FLUVIAL GEOMORPHOLOGIST WILL LAYOUT THIS ALIGNMENT.	1	\$ 227,000.00	\$ 227,000.00	
3.01	Cut: Rough excavate stream channel for dry stream and pond on west side. Feather into surrounding areas.	9016			
3.02	Cut - East side between entry pocket park and tunnel entry according to grading plan.	3846			
3.03	Fill - West Areas. Move soil from cuts and place them, compact, and sculpt as mounds on the west project side according to the grading plan	8115			
3.04	Fill - East of Tunnel. Move soil from cuts and place them, compact, and sculpt according to the grading plan	3641			
4.00	UTILITY RELOCATION/INSTALL (INCLUDES SEPTIC SYSTEM/RESTROOM, WATER, ELECTRICAL) - This work will need to be coordinated with SCE				
4.10	Relocate existing residential water lines/meters	1	\$ 1,000.00	\$ 1,000.00	
4.20	Cap off existing residential sewer lines at San Fidel Ave. entry	1	\$ 1,000.00	\$ 1,000.00	
4.30	Sanitize water line, meters, and backflows after new backflow installed and existing backflow relocated for drinking water purposes	1	\$ 1,000.00	\$ 1,000.00	
4.40	New Backflow Preventer at East Entry (for domestic line)	1	\$ 10,000.00	\$ 10,000.00	
4.50	Relocate Existing Backflow Preventer at East Entry to Behind Barn	1	\$ 10,000.00	\$ 10,000.00	

4.60	Install conduit for SCE to underground utilities	1	\$ 30,000.00	\$ 30,000.00	
4.70	Install Romtec Restroom (ROMTEC RESTROOM "KIT" FURNISHED BY OWNER) and Septic System Complete - includes subbase, finish grade, concrete footings/foundation, electrical/water utility connections to POC's by others, septic system complete	1	\$ 165,000.00	\$ 165,000.00	
4.80	Install new 8" fire line from existing fire hydrant to farmhouse as per plans - SEE SHEET C-601 - includes new fire hydrant at farmhouse	1	\$ 125,000.00	\$ 125,000.00	
4.90	Intall new 4" PVC C900 Class 200 water line from backflow preventer behind blue building to farmhouse - SEE SHEET C-601	1	\$ 97,500.00	\$ 97,500.00	
5.00	UPPER RIPARIAN AREA STREAM CONSTRUCTION (DOES NOT INCLUDE ROUGH GRADE COST THAT IS COVERED IN SECTION 3.00 ABOVE) - INCLUDES EROSION CONTROL/IMPLEMENTATION OF SWPPP. DOES NOT INCLUDE SOIL PREP, IRRIGATION, MULCHING OR PLANTING - IT IS CRITICAL THAT GC CAREFULLY REVIEW BIOSWALE SPECIFICATIONS ON SHEET L-405.5. THE "10 DAYS" STIPULATION FOR FLUVIAL GEOMORPHOLOGIST REFERS TO THE SECOND 12" CUT OF THE STREAM BED ALIGNMENT AND ASSOCIATED PLACEMENT/GRADING OF CUT MATERIAL ALONG CONTOURS OUTSIDE OF THE STREAM CUT, AND THE PLACEMENT OF BOULDERS. GRAVEL & SAND INSTALL IS NOT PART OF 10 DAYS.	1	\$ 293,500.00	\$ 293,500.00	
5.01	Before placement of gravels, the contractor shall over-excavate the bioswale invert and pond along a length of approximately 595ft and a width of approximately 12ft. Contractor shall remove 12 inches and later feather the soil into the banks of the stream.	334			
5.02	Contactr shall place an overlapping filter fabric weed barrier into the base of the bioswale channel before placement of gravels	9,035			
5.03	Contractor shall place 36" Boulders onto filter fabric according to directions of fluvial geomorphologist. Boulders shall be hand selected by the Fluvial Geomorphologist at the designated quarry. Contractor responsible for arranging boulder transport to project site.	56			
5.04	Contractor shall place 24" Boulders onto filter fabric according to directions of fluvial geomorphologist.	125			

5.05	Contractor shall place 18" Boulders onto filter fabric according to directions of fluvial geomorphologist.	242			
5.06	Contractor shall lay mixture of cobbles, pebble, and washed sand into the channel in layers to form a stream bed of 12' inches depth. Sand shall be hand-washed into the cobble base to form a hard surface.	264			
5.07	At the end of the bioswale contractor shall place a 2" deep mixture of 30% Bentonite powder and 70% washed sand onto the filter fabric before placement of boulders and cobbles, as before.	70			
6.00	LOWER RIPARIAN AREA CONSTRUCTION AS PER INSTRUCTIONS BELOW - NOT INCLUDING IRRIGATION, MULCHING OR PLANTING	1	\$ 78,000.00	\$ 78,000.00	
6.01	After rough grading, the contractor shall over-excavate 6 small reaches of trapezoidal bioswale invert of approximately 7,032 SF. Contractor shall remove 12 inches and feather the soil into the surrounding landscape mounds.	260			
6.02	Contractor shall place 72 boulders of 24" onto filter fabric according to directions of fluvial geomorphologist.	72			
	Contractor shall place an overlapping filter fabric weed barrier into the base of the bioswale channel before placement of gravels	7032			
6.03	Contractor shall lay mixture of cobbles, pebble, and washed sand into the channel in layers to form a stream bed of 12' inches depth. Sand shall be hand-washed into the cobble base to form a hard surface - includes placement of overlapping filter fabric weed barrier	260			
7.00	PAVING - CONCRETE AND OTHER - includes structural, wall footings, poured in place seat walls, CMU walls, parking lot, pedestrian/vehicular pathways, DG or other walkways;				

7.10	EAST ENTRY POCKET PARK/PLAZA/PARKING				
7.11	Sleeving Under Paving for Utility Crossing, Storm Drain Pipe, Catch Basin	1	\$ 1,000.00	\$ 1,000.00	
7.12	East Tunnel Entry Color Concrete Paving Complete	4621	\$ 20.00	\$ 92,420.00	\$92,420.00
7.13	Entry Road to Tunnel & Parking Lot - 6" AC over 4" Base over 24" Compacted Subgrade	15,926	\$ 8.00	\$ 127,408.00	
7.14	Concrete Header/Mow Strip - 6" wide x 8" depth (includes parking lot headers)	910	\$ 8.00	\$ 7,280.00	
7.15	Tunnel Entry Vehicular DG Complete, including concrete header	2466	\$ 4.50	\$ 11,097.00	
7.16	Standard Pedestrian Concrete - 4" on compacted base	3700	\$ 12.00	\$ 44,400.00	
7.17	All Pavement Striping/Marking/HC Parking Symbol	1	\$ 6,000.00	\$ 6,000.00	
7.18	Detectable Warning Pavers at Parking Lot Sidewalk/Roadway Crossing and Pedestrian Ramps	135	\$ 35.00	\$ 4,725.00	
7.19	Pressure Treated or RR Tie Wheel Stops	23	\$ 75.00	\$ 1,725.00	
7.20	Rolled curb, 18"	60	\$ 45.00	\$ 2,700.00	
7.21	Concrete valley gutter	112	\$ 100.00	\$ 11,200.00	
7.22	Headwall and riprap	1	\$ 8,000.00	\$ 8,000.00	
7.23	New curbs/curb cuts	130	\$ 25.00	\$ 3,250.00	
7.24	New Concrete (Grey) Driveway Apron and partial drive at residence to south of entry park.	557	\$ 30.00	\$ 16,710.00	
7.25	Entry Decorative Pavement - DG - 4" Stabilized Complete - Includes 4" wide concrete curb along DG path	4,054	\$ 7.00	\$ 28,378.00	
7.30	WEST ENTRY PLAZA				
7.31	Integral Colored Concrete Seat Walls (Type B), including footings	5	\$ 8,000.00	\$ 40,000.00	
7.32	Standard Vehicular Concrete	2,440	\$ 16.00	\$ 39,040.00	

7.33	Diamond Cut Pattern Finish - diamond-hone prep + prime + 2 coats acrylic tennis court latex - includes concrete ADA ramp from West Plaza area to Demonstration Garden	8,525	\$	6.00	\$	51,150.00
7.40	DEMONSTRATION GARDEN/REST AREA					
7.41	Concrete Header/Mow Strip - 4" wide x 8" depth	450	\$	8.00	\$	3,600.00
7.42	Pedestrian DG Type B - 4" Stabilized	6452	\$	4.00	\$	25,808.00
7.43	Integral Color Concrete Seat Walls (Type B) complete (incl. footings, graffiti coating)	1	\$	16,000.00	\$	16,000.00
7.44	Redwood Header	807	\$	10.00	\$	8,070.00
7.50	UPPER RIPARIAN PAVING					
7.51	DG - 4" stabilized	4298	\$	4.00	\$	17,192.00
7.52	Concrete Curb - 4" wide - along DG Path	1472	\$	8.00	\$	11,776.00
7.53	CMB & DG Path	1065	\$	3.50	\$	3,727.50
7.54	Three (3) 15' Long Wood Bridges - including footings	3	\$	15,000.00	\$	45,000.00
7.60	OVERLOOK					
7.61	Recontour Soil Along/At Existing Levee Road - needed to accommodate project and prep and compact as final prep for paving without placement of base after removal of AC paving (SEE ITEM #2.07)	14069	\$	1.50	\$	21,103.50
7.62	Sleeving Under paving for utility cross over	1	\$	500.00	\$	500.00
7.65	Construct 6" AC over 4" base over 24" compacted subgrade	9218	\$	3.50	\$	32,263.00
7.66	Build Veh. 6" Concrete Rumble Strips, 206 SF ea	412	\$	15.00	\$	6,180.00
7.67	Concrete Header /mow strip 6" wide x 8" depth	1,123	\$	8.00	\$	8,984.00
7.68	Pedestrian DG Type B, 4" Stabilized	3,316	\$	4.00	\$	13,264.00

8.00	IRRIGATION				
8.10	EAST ENTRY POCKET PARK/PLAZA/PARKING	1	\$ 40,000.00	\$ 40,000.00	
8.20	WEST ENTRY PLAZA	1	\$ 20,000.00	\$ 20,000.00	
8.30	DEMONSTRATION GARDEN/REST AREA	1	\$ 20,000.00	\$ 20,000.00	
8.40	UPPER RIPARIAN AREA	1	\$ 55,000.00	\$ 55,000.00	
8.50	LOWER RIPARIAN AREA	1	\$ 30,000.00	\$ 30,000.00	
8.51	EXTEND IRRIGATION TO FARMHOUSE FRONT YARD - Add gate valve downstream from southern most RCV and extend mainline to just inside front gate of Farm House property; final location TBD in consult with WCA CM	1	\$ 6,500.00	\$ 6,500.00	
8.60	RIVER OVERLOOK/MEADOW RIVER	1	\$ 13,000.00	\$ 13,000.00	
9.00	OVERHEAD STRUCTURES & METAL FABRICATION/INSTALL				
9.011	Overlook Decorative Shade Structure - includes footings, seat walls, lighting, security camera, motion sensors for both overhead structure systems	1	\$ 261,972.00	\$ 261,972.00	\$261,972.00
9.012	Overlook Decorative Shade Structure - includes footings, seat walls, lighting, security camera, motion sensors for both overhead structure systems	1	\$ 37,528.00	\$ 37,528.00	
9.02	Overlook 42" High Custom Decorative Handrail	81	\$ 300.00	\$ 24,300.00	
9.03	Overlook Decorative Picket Gate	2	\$ 8,000.00	\$ 16,000.00	
9.04	Overlook 5 ft. tubular steel picket fence at levee	10	\$ 300.00	\$ 3,000.00	
9.05	Front Park Decorative Shade Structure System - includes footings, seat walls, lighting, security camera, motion sensors for both overhead structure systems	1	\$ 198,500.00	\$ 198,500.00	
10.00	FENCING - includes all labor, materials, equipment required as per plans & specs				

10.01	East & West Entry - Decorative Metal Work at Gate	2	\$ 5,000.00	\$ 10,000.00	\$10,000.00
10.02	East & West Entry Plaza- Decorative Metal Panel at Tunnel Entry	2	\$ 1,500.00	\$ 3,000.00	\$3,000.00
10.03	East & West Entry Plaza- Fully Custom Ornamental Vehicular Gate	2	\$ 7,500.00	\$ 15,000.00	\$15,000.00
10.04	East & West Entry Plaza - Custom Ornamental Side Panels	52	\$ 485.00	\$ 25,220.00	
10.05	East & West Entry Plaza - Decorative Steel Pedestrian Gate	2	\$ 3,000.00	\$ 6,000.00	
10.06	Chainlink Fencing & Gates & Pipe Gate at East Courtyard Entrance	1	\$ 5,000.00	\$ 5,000.00	
10.07	Replace Existing 6' Chainlink Fencing at Overlook - includes painting fence posts	231	\$ 55.00	\$ 12,705.00	
10.08	Relocate & replace as needed Chainlink Fencing at North edge of new East Entry Parking Lot	1	\$ 2,500.00	\$ 2,500.00	
11.00	SITE FURNISHINGS/INTERPRETIVE SIGNAGE/SITE SIGNAGE INSTALLATION				
11.01	Project Identity Sign (A-3)	1	\$ 11,000.00	\$ 11,000.00	
11.02	Site History Interpretive Feature Sign (D)	1	\$ 39,000.00	\$ 39,000.00	
11.03	River Interpretive Signs (H)	3	\$ 1,200.00	\$ 3,600.00	
11.04	Operational Signage (K-1)	1	\$ 1,800.00	\$ 1,800.00	
11.05	Operational Signage (K-2)	1	\$ 400.00	\$ 400.00	
11.06	Operational Signage (K-3)	5	\$ 600.00	\$ 3,000.00	
11.07	Operational Signage (K-4)	3	\$ 400.00	\$ 1,200.00	
11.08	Operational Signage (K-5)	1	\$ 400.00	\$ 400.00	
11.09	Operational Signage (K-7)	7	\$ 400.00	\$ 2,800.00	
11.10	Operational Signage (K-8)	2	\$ 400.00	\$ 800.00	

11.11	Operational Signage (K-9)	2	\$ 400.00	\$ 800.00	
11.12	Operational Signage (K-11)	8	\$ 400.00	\$ 3,200.00	
11.13	Operational Signage (K-13)	2	\$ 400.00	\$ 800.00	
11.14	Operational Signage (K-14)	1	\$ 400.00	\$ 400.00	
11.15	Operational Signage (K-15)	2	\$ 400.00	\$ 800.00	
11.16	Operational Signage (K-16)	1	\$ 500.00	\$ 500.00	
11.17	Pedestrian Directive Signage (L)	4	\$ 3,500.00	\$ 14,000.00	
11.18	Interpretive Signage (M)	7	\$ 2,500.00	\$ 17,500.00	
11.19	Entry Dedication Plaque - Place in concrete footing	1	\$ 2,000.00	\$ 2,000.00	
11.20	Trash/Recycle Receptacle - Metal	12	\$ 800.00	\$ 9,600.00	
11.21	Bike Rack System - 5 post sets	10	\$ 1,200.00	\$ 12,000.00	
11.22	Bike Rack System - 3 post sets	3	\$ 800.00	\$ 2,400.00	
11.23	Pet Station	3	\$ 600.00	\$ 1,800.00	
11.24	Picnic Table - 6 ft.	3	\$ 400.00	\$ 1,200.00	
11.25	Picnic Table - 8 ft. - ADA	1	\$ 600.00	\$ 600.00	
11.26	Bench - 4 ft. (Upper Riparian)	6	\$ 600.00	\$ 3,600.00	
11.27	Seating Boulders - 3-4 ft.diam. (Upper Riparian)	7	\$ 320.00	\$ 2,240.00	
11.28	Bollards - 36" Decorative Metal Fixed	15	\$ 3,500.00	\$ 52,500.00	
11.29	Bollards - fixed - 36" Steel 4" diam, concrete filled	12	\$ 3,700.00	\$ 44,400.00	
11.30	Bollards - Removable - 36" high	10	\$ 3,500.00	\$ 35,000.00	
11.31	Drinking Fountain at East Entry Area	1	\$ 8,500.00	\$ 8,500.00	
12.00	GENERAL IMPROVEMENTS				
12.01	Barn Improvements - will need submittal for new roll-up barn door	1	\$ 25,000.00	\$ 25,000.00	\$25,000.00
12.02	West Entry Plaza Misc. - Lighting/Security Complete	1	\$ 12,000.00	\$ 12,000.00	\$12,000.00
12.03	East Tunnel Entry Misc. - Lighting/Security Complete	1	\$ 6,000.00	\$ 6,000.00	\$6,000.00
12.04	Front Park Misc. - Lighting/Security Complete	1	\$ 25,000.00	\$ 25,000.00	\$25,000.00

12.05	Front Park - Storm Drain & Catch Basins Complete	1	\$ 80,000.00	\$ 80,000.00	
13.00	TUNNEL IMPROVEMENTS - Includes Items #13.01 - 13.06	1	\$ 108,370.00	\$ 108,370.00	
13.01	Tunnel Floor diamond hone, prime and two coats of acrylic tennis court latex				
13.02	Anti-graffiti coating for floor surfaces				
13.03	Tunnel ceiling paint Anti-graffiti coating				
13.04	Tunnel Wall Surface: Smooth steel trowel finish stucco over existing surface. Stucco to be integral color.				
13.05	Anti-graffiti coating for wall surfaces				
13.06	Install electrical, lights and motion sensors				
14.00	FINAL SITE PREP LANDSCAPE AREAS ONLY - Finish Grading as needed; grow & kill; soil prep/amendments				
14.10	MEADOWS				
14.11	Rototill to 4" deep, remove foreign material/debris; amend soil as specified	552,097	\$ 0.10	\$ 55,209.70	
14.12	Apply (1) Grow & Kill Cycle	552,097	\$ 0.04	\$ 22,083.88	
14.20	UPPER RIPARIAN (OUTSIDE OF STREAM CONSTRUCTION BOUNDARY)				
14.21	Soil Testing within Stream Construction Area - 4 locations	4	\$ 350.00	\$ 1,400.00	
14.22	Soil Prep within Stream Construction Area	1	\$ 20,000.00	\$ 20,000.00	
14.23	Rototill to 4" deep, remove foreign material/debris	136,155	\$ 0.10	\$ 13,615.50	
14.24	Apply (1) Grow & Kill Cycle	136,155	\$ 0.04	\$ 5,446.20	
14.30	DEMONSTRATION GARDEN				
14.31	Rototill to 4" deep, remove foreign material/debris; amend soil as specified	1,990	\$ 0.07	\$ 139.30	
14.32	Imported Cal Blend Topsoil to 6" depth - demo garden beds only	37	\$ 45.00	\$ 1,665.00	
14.40	LOWER RIPARIAN				
14.41	Rototill to 4" deep, remove foreign material/debris; amend soil as specified	93,909	\$ 0.10	\$ 9,390.90	
14.42	Apply (1) Grow & Kill Cycle	93,909	\$ 0.04	\$ 3,756.36	
14.50	OVERLOOK/MEADOW RIVER				

14.51	Rototill to 4" deep, remove foreign material/debris; amend soil as specified	11,655	\$ 0.10	\$ 1,165.50	
14.52	Apply (1) Grow & Kill Cycle	11,655	\$ 0.04	\$ 466.20	
14.60	EAST ENTRY POCKET PARK/PLAZA/PARKING				
14.61	Soil Testing within all landscape areas - 4 locations	4	\$ 350.00	\$ 1,400.00	
14.62	Rototill to 4" deep, remove foreign material/debris; amend soil as per new soil report	74,886	\$ 0.10	\$ 7,488.60	
14.63	Apply (1) Grow & Kill Cycle	74,886	\$ 0.04	\$ 2,995.44	
15.00	PLANTING - ALL PLANTINGS TO BE INSTALLED COMPLETE, INCLUDING ALL MATERIALS, EQUIPMENT , LABOR AS NEEDED				
15.01	FULL SITE - 4" POTS AND MULCH ONLY			\$ -	
15.30	UPPER RIPARIAN				
15.31	Native Shrub 1 gal.	1,143	\$ 14.21	\$ 16,242.03	
15.32	Native Shrub 5 gal.	243	\$ 47.36	\$ 11,508.48	
15.33	Native Small Size Tree (15 gal). Installed, staked and mulched	145	\$ 159.00	\$ 23,055.00	
15.34	Native Medium Size trees, 24" Box. Installed, staked and mulched	4	\$ 473.60	\$ 1,894.40	
15.40	DEMONSTRATION GARDEN				
15.41	Native Shrub 1 gal.	282	\$ 14.21	\$ 4,007.22	
15.42	Native Shrub 5 gal.	108	\$ 47.36	\$ 5,114.88	
15.43	Native Medium Size trees, 24" Box. Installed, staked and mulched	5	\$ 473.60	\$ 2,368.00	
15.50	LOWER RIPARIAN				
15.51	Native Shrub 5 gal.	223	\$ 47.36	\$ 10,561.28	
15.52	Native Small Size Tree (15 gal). Installed, staked and mulched	104	\$ 159.00	\$ 16,536.00	
15.60	OVERLOOK/MEADOW RIVER				
15.61	Native Bentgrass Turf	2,395	\$ 1.50	\$ 3,592.50	
15.62	Native Shrub 5 gal.	183	\$ 47.36	\$ 8,666.88	
15.63	Native Small Size Tree (15 gal). Installed, staked and mulched	20	\$ 159.00	\$ 3,180.00	
15.70	WEST TUNNEL PLAZA				
15.71	Native Shrub 1 gal.	927	\$ 14.21	\$ 13,172.67	

15.72	Native Small Size Tree (15 gal). Installed, staked and mulched	4	\$ 159.00	\$ 636.00	
15.73	Native Medium Size trees, 24" Box. Installed, staked and mulched	4	\$ 473.60	\$ 1,894.40	
15.80	EAST ENTRY POCKET PARK/PLAZA				
15.81	Native Shrub 1 gal.	929	\$ 14.21	\$ 13,201.09	
15.82	Native Shrub 5 gal.	466	\$ 47.36	\$ 22,069.76	
15.83	Native Small Size Tree (15 gal). Installed, staked and mulched	15	\$ 159.00	\$ 2,385.00	
15.84	Native Medium Size trees, 24" Box. Installed, staked and mulched	19	\$ 473.60	\$ 8,998.40	
15.85	Native Large Size trees, 36" Box. Installed, staked and mulched	7	\$ 828.80	\$ 5,801.60	
16.00	Tree Removal - Remove all trees along chainlink fence at edge of Caltrans ROW on both sides of the 605 Fwy. Cut trees to ground level (can leave roots). Removed material can be chipped on site and spread in Duck Farm areas outside of current work limit lines at direction of CM	1	\$ 50,000.00	\$ 50,000.00	
17.00	Remove Specimen Size Trees (includes stump removal) Identified on Plan as Protect-in-Place - NO REPLACEMENT - 5 EA. CHINESE EVERGREEN ELMS ON SHEET LD-105; 1 EA NORFOLK STAR PINE ON SHEET, 1 EA DEODAR CEDAR, 1 EA WASHINGTON FAN PALM ON SHEET LD-101	1	\$ 10,000.00	\$ 10,000.00	
18.00	Plant new 15 gal. size trees to replace "Protect-in-Place" trees - 8 ea. Pinus canariensis, 9 ea. Platanus racemosa, 4 ea. Quercus agrifolia	21	\$ 159.00	\$ 3,339.00	
19.00	MEADOWS - HYDROSEEDING - May need to adjust seed mix to ensure best for actual season of application in consultation with WCA CM and A&E Consultant	552097	\$ 0.20	\$ 110,419.40	
CONTINGENCY				\$ 146,159.98	
TOTAL CONSTRUCTION COST				\$ 4,000,000.00	\$646,392.00

June 24, 2019 – Item 10

RESOLUTION 2019-24

RESOLUTION OF THE SAN GABRIEL AND LOWER LOS ANGELES
RIVERS AND MOUNTAINS CONSERVANCY (RMC) APPROVING A
GRANT BUDGET AND SCOPE AMENDMENT TO THE WATERSHED
CONSERVATION AUTHORITY FOR THE DUCK FARM PHASE 1A
IMPLEMENTATION PROJECT (RMC 3609)

WHEREAS, The legislature has found and declared that the San Gabriel River and its tributaries, the Lower Los Angeles River and its tributaries, and the San Gabriel Mountains, Puente Hills, and San Jose Hills constitute a unique and important open space, environmental, anthropological, cultural, scientific, educational, recreational, scenic, and wildlife resource that should be held in trust to be preserved and enhanced for the enjoyment of, and appreciation by, present and future generations; and

WHEREAS, The people of the State of California have enacted the Clean Water, Clean Air, Safe Neighborhoods, and Coastal Protection Bond Act of 2002 (Park Bond Act) which provides funds for the RMC Grant Program; and

WHEREAS, The people of the State of California have enacted the Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 which provides funds for the RMC Grant Program; and

WHEREAS, The people of the State of California have enacted the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006, which provides funds for the RMC grant program; and

WHEREAS, The RMC may award grants to local public agencies, state agencies, federal agencies, and nonprofit organizations for the purposes of Division 22.8 the Public Resources Code; and

WHEREAS, The proposed project meets an objective of the California Water Action Plan for more reliable water supplies, restoration of important species and habitat, more resilient and sustainably managed water infrastructure; and

WHEREAS, This action is exempt from the environmental impact report requirements of the California Environmental Quality Act (CEQA); and NOW

Therefore be it resolved that the RMC hereby:

- 1 FINDS that this action is consistent with the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy Act and is necessary to carry out the purposes and objectives of Division 22.8 of the Public Resources Code.
- 2 FINDS that the grant is consistent with the Clean Water, Clean Air, Safe Neighborhoods, and Coastal Protection Bond Act of 2002 (Park Bond Act) which provides funds for the RMC Grant Program; and

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- 3 FINDS that the grant is consistent with the Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 which provides funds for the RMC Grant Program; and
- 4 FINDS that the grant is consistent with the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006, which provides funds for the RMC grant program.
- 5 FINDS the proposed project meets at least one of the three objectives of the California Water Action Plan.
- 6 FINDS that the proposed action is consistent with the San Gabriel and Lower San Gabriel and Los Angeles River Watershed and Open Space Plan as adopted by the Rivers and Mountains Conservancy;
- 7 FINDS that the actions contemplated by this resolution are exempt from the environmental impact report requirements of the California Environmental Quality Act.
- 8 ADOPTS the staff report dated June 24, 2019.
- 9 AUTHORIZES a grant budget and scope amendment to the Watershed Conservation Authority for the Duck Farm Phase IA Implementation Project (RMC 3609).

~ End of Resolution ~

Passed and Adopted by the Board of the
SAN GABRIEL AND LOWER LOS ANGELES RIVERS AND MOUNTAINS
CONSERVANCY on June 24, 2019.

Motion _____ Second: _____

Ayes: _____ Nays: _____ Abstentions: _____

Frank Colonna, Chair

ATTEST:

David Edsall, Jr.
Deputy Attorney General