



COUNCIL AGENDA: 02/13/18

FILE: 18-167

ITEM: 3.6

Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL/
CITY OF SAN JOSE FINANCING
AUTHORITY BOARD

FROM: Angel Rios, Jr.
Jon Cicirelli
Ray Riordan
Margaret McCahan

SUBJECT: 2017 FLOOD RECOVERY
CONSTRUCTION PROJECTS AND
APPROPRIATION ACTIONS

DATE: February 1, 2018

Approved

Date

2/2/18

RECOMMENDATION

- (a) Accept the status report on the 2017 flood recovery projects.
- (b) Consider this item together with the request to approve the issuance of commercial paper notes in an amount not to exceed \$21 million to support funding of the necessary reconstruction work while insurance and FEMA payments are pending.
- (c) Adopt Appropriation Ordinance and Funding Sources Resolution amendments in the various funds as detailed in Attachment A.

OUTCOME

Approval of the recommended actions, including the issuance of commercial paper notes and appropriation actions, will allow staff from the Department of Public Works, Department of Transportation, and Department of Parks, Recreation and Neighborhood Services (PRNS) to perform major capital repairs of facilities damaged by the 2017 flood and storms.

EXECUTIVE SUMMARY

The January and February 2017 winter storms caused significant damage to several municipal facilities in the Alum Rock area and along the Coyote Creek corridor. Both events were declared as disasters by the President of the United States on April 1, 2017 which allows the City to seek reimbursement for recoverable costs and expenses incurred during emergency response to the event and for repairs to damaged City-owned and operated property. Costs for repairs are anticipated to be partially offset by the proceeds of the City's insurance policy, reimbursement

February 1, 2018

Subject: 2017 Flood Recovery Project Construction and Appropriation Actions

Page 2

by the Federal Emergency Management Agency (FEMA) and the California Office of Emergency Services (CalOES). FEMA and CalOES funding is via a reimbursement program.

FEMA only provides Public Assistance funding for work completed and costs incurred within regulatory deadlines. The deadline for permanent work is 18 months from the declaration date. Thus, all permanent work must be completed by September 30, 2018. Additional time to complete projects must be requested in writing with justifications for the delay and a projected completion date (in advance of the September 30, 2018 date). To receive extensions, projects must have begun and be in the design, procurement, or construction phase. The City must fund the design and construction, and submit reimbursement requests after the work is completed.

Staff is requesting the concurrent approval of this status memo and the approval of the issuance of Commercial Paper (CP) notes, in an amount not to exceed \$21 million, that will allow staff to commence the repair of damaged facilities and submit for reimbursements. Projects designed by in-house staff have begun while projects that require external design consultants will be procured through the procurement process upon approval of the issuance of the CP notes.

Through 2018-2019, staff expects to spend approximately \$27.8 million on project-related costs, of which \$23.4 million is related to the Parks and Community Facilities Development capital program. The balance of the project-related costs, \$4.4 million, are for Traffic, Sanitary Sewer System and Storm Sewer System. The City plans to use \$13.3 million (of the \$21 million authorized) from the CP Program, \$11.2 million in 2017-2018 and \$2.1 million in 2018-2019 for parks-related projects. It is important to note, however, that the City will only use CP proceeds to cover actual costs as they are incurred for specific projects. As a result, the specific amounts may vary, but will not exceed \$21 million in aggregate. The remainder may be accessed if insurance proceeds or reimbursements from FEMA and CalOES are delayed and additional funds are necessary for uninterrupted work flow.

BACKGROUND

In winter 2017, the City of San José experienced significant rain and flood events. These storms caused extensive damage to several municipal facilities, particularly in the Alum Rock Park area and along the Coyote Creek corridor.

The President of the United States declared disasters for the January and February 2017 flood events, opening the opportunity for the City to seek reimbursement for recoverable costs and expenses incurred during response to the event, and for repairs to damaged City-owned and operated property. Consequently, the City of San José became eligible to seek reimbursement as a sub-applicant in the FEMA Public Assistance Program administered through CalOES. Reimbursable costs may include debris removal and clean up, emergency response, immediate protective measures, and repair or reconstruction of damaged structures for these declared disasters: Disaster on Record (DR) 4301 (storm of January 3-12, 2017) and DR-4308 (storm of February 1-23, 2017, which includes the Coyote Creek flood).

Staff has conducted numerous site visits with representatives of FEMA and the California Office of Emergency Services (CalOES) since the flooding occurred. At locations where reconstruction of a facility is required, the Department of Public Works (PW), the Department of Transportation (DOT), and the Department of Parks, Recreation and Neighborhood Services (PRNS) have been working with the City's Risk Manager and Office of Emergency Management to document damages and develop the scope of work to be performed for reconstruction, and to determine recoverable and eligible costs. Attachment B provides the list of these projects, locations, the owner department, estimated project costs, and the anticipated schedules for design and construction. PW is preparing to move these projects into construction in calendar year 2018, but some are expected to carry over into calendar year 2019.

The scope for each project, including any future mitigation measures, must be agreed to by FEMA prior to the start of construction and much of the last year has been spent on this coordination. PRNS received a fiscal year 2017-2018 appropriation of \$1.85 million from the Parks Construction and Conveyance Tax (C&C) Central Fund to pay for the PRNS related work performed to date. Roadway repair required on Alum Rock Falls Road and Sierra Road has been funded through DOT's Pavement Maintenance program.

ANALYSIS

Table 1 provides a summary of the projected costs for each Capital Improvement Program associated with design and construction of the flood projects. PW will manage project delivery, with some projects being designed using in-house staff and others using outside consultants. A detailed project list is included in Attachment B.

TABLE 1
Summary of Projected Costs and Reimbursements by Capital Program
2017 Flood Reconstruction

Capital Program	Total Est. Design and Const. Cost	Est. Insurance Reimbursement	Est. FEMA Reimbursement	Remaining Cost to City*
Parks & Community Facilities Development	\$23,396,000	(\$9,212,000)	(\$8,145,000)	\$6,039,000
Traffic	3,777,000	N/A	(1,511,000)	2,266,000
Sanitary Sewer System	427,000	N/A	(256,000)	171,000
Storm Sewer System	227,000	N/A	(137,000)	90,000
TOTAL	\$ 27,827,000	(\$ 9,212,000)	(\$ 10,049,000)	\$ 8,566,000

*Remaining cost to the City does not include approximately \$998,000 in interest expense and \$235,000 in Letter of Credit Fees related to the issuance of \$13.3 million in commercial paper.

A portion of the costs presented in Table 1 are anticipated to be offset by the proceeds of the City's insurance policy and reimbursement by FEMA and CalOES (shown in the table above for convenience as simply FEMA). FEMA and CalOES funding is via a reimbursement program. Therefore, the City must fund the design and construction and submit reimbursement requests after the work is completed.

Funding Analysis

Staff is requesting that the City Council and the City of San José Financing Authority Board authorize the issuance of Commercial Paper (CP) to provide initial funding for the projects listed in Attachment A. On insured properties, the City's insurance carrier will be the first payor and, thereafter, FEMA may provide additional funding for recoverable work. Estimates of recovery are based on the total construction value, including soft costs, and are subject to change pending actual costs of construction.

The proceeds of the City's insurance policy are anticipated to cover a portion of the parks-related property damage; however, roadway and sewer system repairs are not scheduled insurable losses. Insurance proceeds will be provided on a total replacement value for covered loss perils, but only after payment of any policy deductibles. Covered losses include debris clean up and removal, emergency preparation of property to mitigate against losses from the flood event, loss to real property and contents, and business interruption.

All insured losses are subject to the policy deductibles, policy exclusions, and policy limits. For properties located in mapped floodplains, such as Kelley Park and Watson Park, the deductible is five percent of the total insured value of the scheduled locations identified in the claim or \$1,000,000 per occurrence, whichever is more. For properties not in the floodplain, the deductible is \$100,000 per occurrence loss for all locations.

FEMA and CalOES funding (through the Public Assistance Program) may be used to fund some of the uninsured losses and the deductible payments. Under the Public Assistance Program, FEMA reimburses 75 percent of the allowable project costs and the remaining 25 percent would be the responsibility of the State of California and the City of San José. The State of California has approved the reimbursement of 18.75 percent of the remaining costs which leaves a balance of 6.25 percent for which the City is responsible. However, to minimize risk of under allocating financial resources to flood projects, City management assembled a funding strategy that assumes that the City may ultimately be responsible for 40 percent of the costs. This approach accounts for project delays for which FEMA does not provide an extension, challenges in meeting all of FEMA's procurement requirements as a result of the low inventory of available contractors given the Bay Area's robust construction activity, and potential determinations by FEMA that some projects may result in public assets that are enhanced when compared to their condition prior to the flood. Though City management will strive to meet all requirements of the Public Assistance Program, the number of projects, the relatively short timelines, and the reality of the Bay Area construction market necessitates this conservative approach.

Allowable public assistance includes personnel costs depending on category of loss, direct administrative costs, permitting and fees, environmental testing and recovery, allowable equipment costs at allowable rates, construction costs for replacement of property to its pre-event condition that can be verified as damaged by the event and for which the property's pre-existing condition was documented and is verifiable, and disposal and clean-up costs documented from site of removal to final disposal. For roadways, certain permanent project costs are not allowed. These include upslope permanent stabilization, latent defect to the property such as where water is suspected to be encapsulated between the pavement and roadway surface, or roadways with pre-existing alligator cracking or potholes prior to the event.

FEMA only provides Public Assistance Program funding for work completed and costs incurred within regulatory deadlines¹. The deadline for permanent work is 18 months from the declaration date. For the San José flood disasters, the declaration date is April 1, 2017. Thus, all permanent work must be completed by September 30, 2018.

Additional time to complete projects must be requested (in advance of the September 30, 2018 date) in writing with justifications for the delay, and a projected completion date. To receive extensions, projects must have begun and be in the design, procurement, or construction phase. Lack of funding, change in administration, or delays due to postponement of permitting requests are not considered justifiable reasons for extensions. An example of a justifiable reason includes environmental limitations such as a short construction window or construction delays due to inclement weather. No reimbursements will be received for projects that are not completed by September 30, 2018, and do not have an approved extension on file from FEMA. The project schedule in Attachment B shows that 14 of 26 projects will be completed after September 30, 2018. The City will be submitting extension requests for these projects (totaling \$23 million) in early summer 2018. Without extensions, the City risks losing reimbursement of approximately \$15 million for portions of projects not completed by September 30, 2018. Staff will remain in close contact with FEMA and CalOES representatives throughout the reconstruction process and will seek to expedite project delivery where possible.

Given that most projects will be complete within two years, and the availability of insurance and FEMA reimbursements to date, staff recommends funding flood remediation projects through a combination of the commercial paper notes and pertinent capital funds. In fiscal year 2017-2018, staff expects to spend approximately \$14.8 million on project-related costs, of which \$13.7 million is related to the Parks and Community Facilities Development Capital program. As the Parks Construction and Conveyance Tax Funds lack sufficient resources to pay for flood remediation projects, the City plans to use \$11.2 million from the CP Program in 2017-2018 and \$2.1 million in 2018-2019. Debt service payments in fiscal years 2017-2018 and 2018-2019 for the CP Program will cover only incurred interest. With the conclusion of all projects and receipt of insurance and FEMA reimbursements, a final payment in fiscal year 2019-2020 is planned to pay off all remaining principal and interest. It is important to note, however, that the City will only use commercial paper proceeds to cover actual costs incurred. As a result, the need for commercial paper may exceed \$13.3 million, but will not exceed \$21 million.

¹ FEMA Public Assistance and Program Policy Guide, FP – 104-009-2, April 2017

HONORABLE MAYOR AND CITY COUNCIL

February 1, 2018

Subject: 2017 Flood Recovery Project Construction and Appropriation Actions

Page 6

Table 2 on the following page provides an estimated funding schedule through FY 2020-2021. The actual amounts will vary based on project timing, cost, and the pace of reimbursements. As shown in the table, commercial paper proceeds provide an initial funding source until insurance proceeds and Public Assistance reimbursements become available starting in 2018-2019. The final amounts displayed as fund balance in 2020-2021 represent anticipated insurance and public assistance payments that will reimburse the funds that provided the original outlay of expenses.

TABLE 2
Estimated Schedule of Funding Sources and Uses

	2017-2018	2018-2019	2019-2020	2020-2021
Funding Source				
Fund Balance - Parks C&C Funds		331,000	4,705,000	-
Fund Balance - Construction Excise Tax Fund		-	129,000	1,176,000
Fund Balance - Sewer Service and Use Charge Capital Fund		45,000	172,000	250,000
Fund Balance - Storm Sewer Capital Fund		17,000	95,000	134,000
Commercial Paper - Parks	11,141,000	2,122,000		
Public Assistance Reimb.- Parks		3,970,000	4,175,000	
Public Assistance Reimb.- Traffic		129,000	1,047,000	335,000
Public Assistance Reimb.- Storm Sewer		95,000	39,000	3,000
Public Assistance Reimb.- Sanitary Sewer		172,000	78,000	7,000
Insurance Reimbursement - Parks	-	7,595,000	1,617,000	-
Parks C&C Funds	3,136,000	852,000	3,284,000	
Construction Excise Tax Fund	430,000	3,347,000		
Sewer Service and Use Charge Capital Fund	427,000	-		
Storm Sewer Capital Fund	227,000	-		
Total Source	\$15,361,000	\$18,675,000	\$15,341,000	\$1,905,000
Project-Related Uses				
Parks & Community Facilities Development Projects	13,748,000	9,647,000		
Traffic Projects	430,000	3,347,000		
Sanitary Sewer System Projects	382,000	45,000		
Storm Sewer System Projects	210,000	17,000		
Commercial Paper Repayment	198,000	518,000	13,781,000	-
Fund Balance - Parks C&C Funds	331,000	4,705,000	-	-
Fund Balance - Construction Excise Tax Fund	-	129,000	1,176,000	1,511,000
Fund Balance - Sewer Service and Use Charge Capital Fund	45,000	172,000	250,000	257,000
Fund Balance - Storm Sewer Capital Fund	17,000	95,000	134,000	137,000
Total Expenses	\$15,361,000	\$18,675,000	\$15,341,000	\$1,905,000

EVALUATION AND FOLLOW-UP

The City Council will be updated annually via informational memorandum on the progress of the projects including cost and schedule updates, as well as the status of any extension requests with FEMA.

PUBLIC OUTREACH

This memo will be posted on the City's website for the February 13, 2018 City Council/ Financing Authority Board meeting.

COORDINATION

This memorandum has been coordinated with the Finance Department, Department of Transportation, and the City Attorney's Office.

COST SUMMARY/IMPLICATIONS

The total estimated fiscal impact to the City for the identified remediation projects is approximately \$9.8 million, assuming the City receives all the anticipated insurance payments and FEMA reimbursements, of which \$8.6 million are direct project costs, \$998,000 are interest costs and \$235,000 are Letter of Credit Fees related to the repayment of commercial paper notes.

These costs are allocated to various Capital funds as shown in Table 3 below.

**TABLE 3
Summary of Fiscal Impact by Capital Fund
2017 Flood Reconstruction**

Capital Fund	Total Project Cost	Total Interest and LOC Cost	Fiscal Impact (after all reimbursements)
Parks C&C Funds	\$ 23,396,000	\$ 1,233,000	\$ 7,272,000
Construction Excise Tax Fund	3,777,000	N/A	2,266,000
Sanitary Sewer Capital Fund	427,000	N/A	171,000
Storm Sewer Capital Fund	227,000	N/A	90,000
TOTAL	\$ 27,827,000	\$ 1,233,000	\$ 9,799,000

Commercial paper notes are proposed to be issued to fund only the Parks and Community Facilities Development Capital improvements. With Construction and Conveyance Tax receipts ending fiscal year 2016-2017 higher than anticipated, and with that trend anticipated to continue in fiscal years 2017-2018 and 2018-2019, the fiscal impact to the Parks and Community Facilities Development program will be largely offset by the additional C&C revenue. Resources will be reallocated within the Construction Excise Tax Fund to cover the costs of street and traffic improvements. The most significant source of funding is likely to be the Pavement Maintenance Program, as both Traffic Capital remediation projects consist of rebuilding existing roads. The relatively small cost of the sanitary and storm sewer improvements will have modest impacts to the Sanitary Sewer and Storm Sewer Capital Programs and can be absorbed without significant impact.

The various budget appropriation actions necessary to facilitate the remediation work in 2017-2018 – including recognition of commercial paper proceeds, project costs, and debt service – is displayed in Attachment A. On a budgetary basis for 2017-2018, a \$20.5 million from commercial paper proceeds is recognized as revenue. This technical requirement gives the City sufficient fiscal capacity to award construction projects in 2017-2018 for the total contract amount. However, since commercial paper will only be issued to offset actual costs incurred, staff instead anticipates issuing commercial paper in the amount of \$11.2 million in 2017-2018 and \$2.1 million in 2018-2019.

It is important to note that another significant impact will be the scheduled delivery of existing projects within the 2018-2022 Adopted Capital Improvement Program. Though the remediation projects only represent a two- to three-year temporary spike in project delivery workload, and consulting/contracting services will be used to help offset the increased workload, the development of the 2018-2019 Proposed Capital Budget and 2019-2023 Capital Improvement Program will incorporate a shift to the schedule of certain projects in order to ensure the City meets its obligation to complete the 2017 Flood Reconstruction Projects in a timely fashion to the benefit of the community, and to maximize reimbursements.

COMMISSION RECOMMENDATION/INPUT

This item does not have input from a board or commission.

HONORABLE MAYOR AND CITY COUNCIL

February 1, 2018

Subject: 2017 Flood Recovery Project Construction and Appropriation Actions

Page 10

CEQA

CEQA – Exempt, File No. PP18-003, CEQA Guidelines Section 15269, Emergency Projects.

/s/
ANGEL RIOS, JR.
Director, Parks, Recreation
and Neighborhood Services

/s/
JON CICIRELLI
Acting Director of Public Works

/s/
RAYMOND RIORDAN
Director, Office of Emergency Management


MARGARET MCCAHAN
Budget Director

I hereby certify that there will available for appropriation in the Construction and Conveyance Tax Fund: City-Wide Parks Purposes in Fiscal Year 2017-2018 moneys in excess of those heretofore appropriated therefrom, said excess being at least \$22,306,000.


MARGARET MCCAHAN
Budget Director

For questions, please contact Nicolle Burnham, Deputy Director, Parks, Recreation and Neighborhood Services Department at (408) 793-5514.

Attachment A: Appropriation Actions
Attachment B: 2017 Major Flood Recovery Projects

Attachment A
2017 Flood Appropriation Actions for Fiscal Year 2017-2018

Appropriation Name	Appropriation No.	Appropriation Ordinance Amendments	Funding Source Resolution Amendments	Project Description
Construction and Conveyance Tax Fund: City-Wide Parks Purposes				
2017 Flood - Administrative Cost	NEW	\$ 368,000		Administrative functions within PRNS includes management of the Flood Recovery projects, developing systems to track expenses and revenue received through FEMA and Insurance reimbursements, and development of an adequate documentation system for audit purposes.
2017 Flood - Alum Rock Park Mineral Springs Bridge Embankment	NEW	\$ 595,000		Heavy rains in January 2017 caused a failure of the existing rock wall embankment along the Eastern creek embankment, south of the Mineral Springs Bridge. The construction project will stabilize the bridge embankment as well as mitigate future potential erosion, repairing concrete retaining wall, and repairing rock seat wall along the roadway edge.
2017 Flood - Alum Rock Park Mineral Springs Restrooms	NEW	\$ 247,000		Heavy rains in February 2017 resulted in saturation and substantial movement of soils in Alum Rock Park. The Mineral Springs Restrooms sustained damage due a significant mudslide/large boulders that came down the hillside. Repairs include the damaged concrete walls of the bathroom and the barrel tile roofing.
2017 Flood - Alum Rock Park Service Road Repairs and Reconstruction	NEW	\$ 3,317,000		Heavy rains in February 2017 resulted in saturation and caused dislodgement on the downslope of the one-way service road inside Alum Rock Park. The construction work will include temporary measures to divert water run-off, stabilize the downslope, protect/prevent future washout, and improve stability on the Alum Rock Service Rd. for heavy equipment/emergency vehicles to have continued access to the park.
2017 Flood - Alum Rock Park Trestle Repair	NEW	\$ 2,162,000		Heavy rains in February 2017 caused the collapse of 116' rock wall and wood rail between Penitencia Creek Trail and Penitencia Creek Rd. The construction project will restore the trestle rock wall, wood rail, and Penitencia Creek trail in the damaged area. In addition the downslope on Penitencia Creek Trail will be stabilized, to protect the Penitencia Creek Road below.
2017 Flood - Alum Rock Park Visitors Center	NEW	\$ 244,000		Heavy rains in February 2017 caused increased levels of storm water runoff, resulting in a downslope failure behind the ARP - Visitor Center. The failure caused damage to the shed and Visitors Center. This project will include geo-technical analysis, survey and design to stabilize the hillside and prevent further downslope failure, replace existing shed and conduct other necessary repairs including roof repairs to the Visitor Center.
2017 Flood - Century Oaks Parks Curie Drive	NEW	\$ 239,000		Heavy rains in February 2017 caused saturation of soils causing a large portion of the hillside to dislodge at Century Oaks Park. Project includes the stabilization of the hillside and diversion of storm waters required to prevent the hillside from further downslide into the neighboring property. Prevention measures will include hydro-seeding and an earthen berm to divert water from the hillside.

Attachment A

2017 Flood Appropriation Actions for Fiscal Year 2017-2018

Appropriation Name	Appropriation No.	Appropriation Ordinance Amendments	Funding Source Resolution Amendments	Project Description
2017 Flood - Family Camp Playground Shade Structure, Retaining Wall and Slope Stabilization	NEW	\$ 683,000		Heavy rains in February 2017 and high velocity flows on the Middle Fork of the Tuolumne River led to overtopping of the river banks and caused portions of the campground to flood. Repairs include replacing "Fort" play area, rebuilding three tent structure, rebuilding the concrete retaining wall adjacent to "Fort" play area, and stabilize and shore up rock revetment wall near "Pool".
2017 Flood - Happy Hollow Park and Zoo Lower Restrooms, Commissary & Office	NEW	\$ 734,000		Heavy rains in February 2017 caused the Coyote Creek to overflow and flood parts of the HHPZ up to eight feet in water. This project includes mold remediation, restoration of the Employee Office, Commissary, and Restrooms which will include but not be limited to drywall, electrical, cabinetry, wooden fixtures, and faucets.
2017 Flood - Happy Hollow Park and Zoo Night House, Breakroom & Storage Sheds	NEW	\$ 1,109,000		Heavy rains in February 2017 caused the Coyote Creek to overflow and flood parts of the HHPZ up to eight feet in water. This project requires interior restoration of 4 rooms - Employee Break Room, Bird Night House, Exhibit Tech, and the Animal Food Prep as well as the removal of the old sheds and installation of new shed or connex boxes.
2017 Flood - Japanese Friendship Garden Koi Pond and Koi Pump House	NEW	\$ 1,651,000		Heavy rains in February 2017 caused the Coyote Creek to overflow flooding Japanese Friendship Garden which caused the koi ponds to flood and overflow. The koi pump house including the filtration system was submerged under water. Scope of work includes the procurement of for engineering services for mechanical and electrical repairs to the pump filtration system. Future mitigation measures, such as moving the pumps to higher ground is also planned to be pursued. Ponds need to be cleaned, sanitized, refilled with fresh water before relocation of the Koi Fish.
2017 Flood - Japanese Friendship Garden Public Restroom	NEW	\$ 1,097,000		Heavy rain in February 2017 caused the Coyote Creek to overflow and flood the Japanese Friendship Garden. This project requires the City to restore the Men's Restroom, Women's Restroom, Office, Tool Room, and Janitor's Closet/Plumbing Chase.
2017 Flood - Japanese Friendship Garden Tea House	NEW	\$ 2,358,000		Heavy rains in February 2017 caused the Coyote Creek to overflow and flood the Japanese Friendship Garden - Tea House. This project requires repair to the main entrance (exterior South), side entrance (West), Banquet Room, wood carpentry, wood and glass doors, raised floor framing, carpentry, and exterior composite deck. The electrical and plumbing system will be tested and replaced if inoperative.
2017 Flood - Kelley Park Outfall	NEW	\$ 1,228,000		Heavy rains in February 2017 caused the Coyote Creek to overflow and caused severe damage to the Kelley Park Outfall. The project requires repair and replacement of existing storm outfall structure and surrounding embankment (brick manhole structure) that was completely damaged.
2017 Flood - Martin Park Booster Pump and Resilient Surfacing	NEW	\$ 144,000		The project requires replacement of the resilient surfacing in areas of the playground which failed in the testing. The project requires repair/replacement of electrical panel, two irrigation controllers, and the booster pump equipment.

Attachment A
2017 Flood Appropriation Actions for Fiscal Year 2017-2018

Appropriation Name	Appropriation No.	Appropriation Ordinance Amendments	Funding Source Resolution Amendments	Project Description
2017 Flood - Rocksprings Park Resilient Surfacing	NEW	\$ 15,000		The project requires replacement of the resilient surfacing in areas of the playground which failed in the testing. The project requires repair/replacement of electrical panel, two irrigation controllers, and the booster pump equipment.
2017 Flood Selma Olinder Theatre, Community Center and Park	NEW	\$ 855,000		Heavy rains in February 2017 caused the Coyote Creek to overflow and flood the community center. Community Center: Work includes repairs to the Community Center Kitchen, HVAC, and electrical. Theatre area: Work includes repairs to stage right, hallway, and two dressing rooms. Playground Resilient Surfacing: The project requires replacement of the resilient surfacing which failed in the testing.
2017 Flood - Watson Park Turf, Lighting, and Electrical Mitigation	NEW	\$ 6,348,000		Heavy rains in February 2017 triggered flooding at Watson Park that caused extensive damage to the soccer fields, turf areas and the bioswales. Electrical systems were completed submerged under water. Work necessary to repair damages are divided into 3 phases: 1) restoring electrical service, 2) replace the natural and artificial sports fields and turf areas. 3) Hazard Mitigation - relocating electrical to higher ground (away from flood zone).
Unrestricted Ending Fund Balance	8999	\$ (1,088,000)		The Unrestricted Ending Fund Balance adjustment offsets the other actions in this fund.
Transfers and Reimbursements	R003		\$ 1,850,000	This amount was originally budgeted in the Parks C&C Central Fund for preliminary work related to flood projects. To centralize costs, this amount is transferred from the Parks C&C Central Fund to the Parks C&C City-Wide Fund.
Financing Proceeds	R090		\$ 20,456,000	The amount of commercial paper proceeds required to budget the total project cost in 2017-2018. It is more likely, however, that the project costs will be spread across 2017-2018 and 2018-2019.
		\$ 22,306,000	\$ 22,306,000	
Construction and Conveyance Tax Fund: Parks Purposes Central Fund				
Parks and Recreation Capital Flood Repairs	403N	\$ (1,850,000)		This amount was originally budgeted in the Parks C&C Central Fund for preliminary work related to flood projects. This action eliminates the appropriation for transfer to the Parks C&C City-Wide Fund.
Transfer to Construction and Conveyance Tax Fund: City-Wide Parks Purposes	NEW	\$ 1,850,000		This amount will be transferred to the Parks C&C City-Wide Fund to offset the project costs budgeted in that fund.
2017 Flood - Commercial Paper Debt Service and Letter of Credit Fees	NEW	\$ 198,000		Debt service for 2017 Flood Projects will be budgeted in the Parks C&C Central Fund. This debt service amount will likely be less based on actual project expenditure schedule. Letter of Credit Fees are bank charges for the Commercial Paper Program, which each participating user pays pro-rata share of the annual fee.
Unrestricted Ending Fund Balance	8999	\$ (198,000)		The Unrestricted Ending Fund Balance adjustment offsets the other actions in this fund.
		\$ -	\$ -	

Attachment A
2017 Flood Appropriation Actions for Fiscal Year 2017-2018

Appropriation Name	Appropriation No.	Appropriation Ordinance Amendments	Funding Source Resolution Amendments	Project Description
Construction Excise Tax Fund				
2017 Flood - Alum Rock Park Falls Road Reconstruction	NEW	\$ 1,917,000		Heavy rains in February 2017 damaged several locations and dislodged debris from adjacent hillsides along Alum Rock Falls Road. Project work includes stabilizing the downslopes with retaining walls, reconstructing the roadway, debris removal, and stabilizing the upslopes.
2017 Flood - Sierra Road Reconstruction	NEW	\$ 270,000		Heavy rains in January 2017 damaged two locations along Sierra Road. Project work includes rebuilding and stabilizing the downslopes, reconstructing the damaged asphalt concrete roadway, and replacing the damaged storm lines and drain inlets. The remainder of the project cost (\$1.6M) will be included in the 2018-2019 Proposed Budget.
Pavement Maintenance - City	6123	\$ (2,187,000)		Reduction to the Pavement Maintenance - City appropriation offsets the 2017 Flood road reconstruction projects.
		\$ -	\$ -	
Sewer Service and Use Charge Capital Improvement Fund				
2017 Flood - Nordale Pump Station Flood Wall	NEW	\$ 427,000		Heavy rains in February 2017 flooded the Nordale Pump Station and damaged the pump station. Damage repairs from the flood have been made. The scope of work includes the design and installation of a flood/water proof concrete wall and water tight door with mechanical seals. This will prevent flood waters from any future flood from entering the pump station and the resulting damage to the pump station's electrical panels and wet well. The concrete wall would be seven (7) foot high and approximately 8-12" thick. It would also include the addition of a 36-inch wide flood rated door with a mechanical seal, and a chain link roof.
Unrestricted Ending Fund Balance	8999	\$ (427,000)		The Unrestricted Ending Fund Balance adjustment offsets the other actions in this fund.
		\$ -	\$ -	
Storm Sewer Capital Fund				
2017 Flood - Bailey Ave Storm Drain Inlet Repair	NEW	\$ 227,000		Severe rains in February 2017 scoured the roadway and uplifted and damaged a 24-inch storm sewer and inlet along Bailey Avenue just west of Monterey Road. Project work includes the installation of a new 24 inch pipe, inlet and manholes and repair existing roadway and pedestrian infrastructure.
Unrestricted Ending Fund Balance	8999	\$ (227,000)		The Unrestricted Ending Fund Balance adjustment offsets the other actions in this fund.
		\$ -	\$ -	

**ATTACHMENT B
PROJECT COSTS AND SCHEDULES**

PROJECT NAME/LOCATIONS	OWNER DEPARTMENT	ENGINEERS ESTIMATE OF PROJECT COST	Estimated Project Duration (months) start 6/1/17	SCHEDULE																	
				2017				2018				2019									
				Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
PRNS Administrative Costs (Staffing Support)	PRNS	\$ 367,636	NA																		
Alum Rock Park – Mineral Springs Bridge Embankment	PRNS	\$ 594,673	28	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Alum Rock Park – Mineral Springs Restrooms	PRNS	\$ 247,013	18	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Alum Rock Park - Trestle Repair	PRNS	\$ 2,162,388	32	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Alum Rock Park – Falls Road Reconstruction	DOT	\$ 1,917,333	23	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Alum Rock Park – Service Road Repairs And Reconstruction	PRNS	\$ 3,317,162	32	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Alum Rock Park – Visitors Center	PRNS	\$ 244,021	18	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Bailey Ave Storm Drain Inlet Repair	PW	\$ 227,624	12	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Century Oaks Park (Curie Dr) Slope Repair	PRNS	\$ 239,413	14	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Family Camp Playground Shade Structure, Retaining Wall And Slope Stabilization	PRNS	\$ 683,260	34	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Happy Hollow Park And Zoo – Lower Restrooms, Commissary & Office	PRNS	\$ 734,300	16	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Happy Hollow Park And Zoo – Night House, Breakroom & Storage Sheds	PRNS	\$ 1,108,922	16	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Japanese Friendship Garden – Koi Pond And Koi Pump House	PRNS	\$ 1,650,925	29	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Japanese Friendship Garden - Public Restroom	PRNS	\$ 1,097,188	16	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Japanese Friendship Tea House	PRNS	\$ 2,357,707	23	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Kelley Park - Outfall	PRNS	\$ 1,227,559	23	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Martin Park (Booster Pump)	PRNS	\$ 123,737	13	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Martin Park Resilient Surfacing ¹	PRNS	\$ 20,619	12	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Nordale Pump Station Flood Wall	PW	\$ 426,875	20	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Rocksprings Park Resilient Surfacing ¹	PRNS	\$ 15,449	12	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Selma Olinder Community Center	PRNS	\$ 705,188	16	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Selma Olinder Park Resilient Surfacing ¹	PRNS	\$ 17,667	12	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Selma Olinder Theatre	PRNS	\$ 132,313	6	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Sierra Road Reconstruction	DOT	\$ 1,892,375	23	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Watson Park – Turf Soccer Fields And Field Lighting	PRNS	\$ 5,736,916	18	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Watson Park – Park Lighting And Irrigation Electrical Repair	PRNS	\$ 56,701	11	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Watson Park – Park Lighting Future Mitigation	PRNS	\$ 554,745	22	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
TOTAL PROJECTED PROJECT COSTS		\$ 27,859,709																			

Notes:

1. Three resilient surface replacement projects are bid as one and will be completed concurrently.

