

CLARK COUNTY BOARD OF COMMISSIONERS
ZONING / SUBDIVISIONS / LAND USE
AGENDA ITEM

Petitioner: Jennifer Ammerman, Deputy Director, Department of Comprehensive Planning

Recommendation: CP-26-900039: Conduct a public hearing, adopt an amendment to the Flood Control Master Plan, and authorize the Chair to sign a Resolution amending the Plan. (For possible action)

FISCAL IMPACT:

None by this action.

BACKGROUND:

The Flood Control Master Plan (Plan) determines future community needs and promotes effective control of floods and services to meet those needs. Clark County Regional Flood Control District is proposing this Master Plan Amendment (MPA) to revise the Plan for the Duck Creek – Gilespe System area of Clark County. The Regional Flood District Board of Directors held a public hearing and unanimously adopted the amendment to the Plan on December 11, 2025.

Nevada Revised Statutes (NRS) 543.597 subsection 6 states: “If a proposed amendment to the Master Plan is adopted unanimously by the Board, and by the governing body of the local government in whose jurisdiction will be located the structures necessary to carry out the purposes of the amendment, after a public hearing by each, the amendment becomes effective and no other hearing or approval is required by any other board or commission, including those responsible for decisions relating to planning or zoning.”

To complete the adoption process, staff recommends that the Board of County Commissioners adopt the 2023 Flood Control Master Plan Update for the Duck Creek – Gilespe System.

All documents for this item are available for review at the Clark County Regional Flood Control District, 600 S. Grand Central Parkway, Suite 300, Las Vegas, NV 89155.

**RESOLUTION
OF THE CLARK COUNTY BOARD OF COMMISSIONERS
ADOPTING THE DUCK CREEK – GILESPIE SYSTEM AMENDMENT TO THE 2023
FLOOD CONTROL MASTER PLAN UPDATE**

WHEREAS, a copy of the Amendment to the 2023 Flood Control Master Plan Update for the Duck Creek – Gilespie System has been received by the Board as specified by Nevada Revised Statute 278.220; and;

WHEREAS, on March 18, 2026 a public hearing was held by the Board in accordance with Nevada Revised Statute 278.220 on Flood Control Master Plan Updates.

NOW, THEREFORE, BE IT RESOLVED: that the Board does adopt the “Amendment to the 2023 Flood Control Master Plan Update for the Duck Creek – Gilespie System”

PASSED, APPROVED, AND ADOPTED this 18th day of March, 2026.

CLARK COUNTY, NEVADA

By: _____
MICHAEL NAFT, CHAIR

ATTEST:

LYNN MARIE GOYA, COUNTY CLERK

REGIONAL FLOOD CONTROL DISTRICT



Andrew Trelease, P.E.
General Manager/Chief
Engineer

January 8, 2026

BOARD OF DIRECTORS

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Sami Real, Director
Clark County Comprehensive Planning
500 South Grand Central Parkway
Las Vegas, NV 89155

Dear Sami Real:

On December 11, 2025, the Regional Flood Control District Board of Directors unanimously adopted a Master Plan Amendment for the Duck Creek - Gillespie System.

NRS 543.597, subsection 6, states in part, if a proposed amendment to the master plan is *adopted unanimously by the board, and by the governing body of the local government in whose jurisdiction will be located the structures necessary to carry out the purposes of the amendment, after a public hearing by each*, the amendment becomes effective and no other hearing or approval is required by any other board or commission, including those responsible for decisions relating to planning or zoning.

A copy of the District's agenda item, including the related backup material is enclosed with this letter *for your use in holding a public hearing, to consider adoption of this amendment*.

If I can be of further assistance in this matter, please contact me at 702-685-0000.

Sincerely,


Andrew R. Trelease (Jan 12, 2026 11:30:08 PST)

Andrew R. Trelease, P.E., CFM
General Manager/Chief Engineer

ART:jkh

cc: Jennifer Ammerman, Deputy Director, Comprehensive Planning
Martin Gies, Planning Manager, Comprehensive Planning
Denis Cederburg, Public Works Director
Patsy Schrader, Clark County Public Works
Glenda Sargent, Clark County Public Works
Lynn Goya, County Clerk

Enclosure

P:\Master Plan Letters\121125 MPA Duck Creek Gillespie System - CC letter.docx

600 S. Grand Central Parkway, Suite 300 • Las Vegas, Nevada 89106-4511
(702) 685-0000

Website: <https://www.regionalflood.org>

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM**

SUBJECT:

MASTER PLAN AMENDMENT FOR THE DUCK CREEK – GILESPIE SYSTEM

THIS IS A PUBLIC HEARING

RECOMMENDATION SUMMARY

STAFF: Approve and recommend that the Board find the Master Plan Amendment sets forth the most effective structural and regulatory means for correcting existing problems of flooding in the area and dealing with the probable effects of future development (NRS 543.590[3])(NRS 543.597). The Master Plan Amendment will not become effective until it is adopted by Clark County.

TECHNICAL ADVISORY: Follow staff recommendation.

CITIZENS ADVISORY: Follow staff recommendation.

TAC AGENDA ITEM #17 DATE: 11/20/2025	RFCD AGENDA ITEM #18 DATE: 12/11/2025
CAC AGENDA ITEM #17 DATE: 12/01/2025	

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:
MASTER PLAN AMENDMENT FOR THE DUCK CREEK – GILESPIE SYSTEMS

PETITIONER:
DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:
THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE MASTER PLAN AMENDMENT FOR THE DUCK CREEK – GILESPIE SYSTEMS (FOR POSSIBLE ACTION)

FISCAL IMPACT: None by this action

BACKGROUND:

An amendment to the 2023 Las Vegas Valley Master Plan Update (2023 MPU) is proposed to address alignment and facility type changes to planned regional flood control facilities in the Duck Creek – GilesPie Systems resulting from the development of the Erie & GilesPie project site. The differences presented in this Master Plan Amendment (2025 MPA) from the 2023 MPU are identified as follows:

- Facility DCST 0000 has been realigned to extend north in GilesPie Street to Erie Avenue, then east in Erie Avenue to tie into MPA Facility DCGL 0188.
- Added lateral DCST 0005 in Erie Avenue from Haven Street to GilesPie Street.
- Facility DCGL 0193 has been realigned to extend east in Chartan Avenue, north in an existing wash, and west in GilesPie Street to tie into MPA Facility DCGL 0188. Facility DCGL 0193 has been revised to DCGL 0182, 0185, 0188, 0191, 0194, and 0197 as reinforced concrete boxes and concrete-lined trapezoidal channels.
- Facility DCST 0000 has been revised to DCST 0000, 0010, 0015, and 0020 as reinforced concrete boxes.
- The 2023 MPU subbasin boundaries in the area have been adjusted to match the realigned facilities.
- The 2023 MPU land use assumptions were updated to reflect current conditions.
- Construction costs for the proposed 2025MPA have been estimated using the cost tool developed for the 2023 MPU.

TAC AGENDA ITEM #17 Date: 11/20/2025	RFCD AGENDA ITEM # 18 Date: 12/11/2025
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COMPARISON OF FLOOD CONTROL FACILITIES									
2025 MPA Duck Creek – Gillespie Systems					2023 MPU				
ID/River Mile	Status	Facility Description	Flow (cfs)	Total Cost (\$ x 1000)	ID/River Mile	Status	Facility Description	Flow (cfs)	Total Cost (\$ x 1000)
DCST		Duck Creek Gillespie Street			DCST		Duck Creek Gillespie Street		
0000	P	10' X 6' RCB	672	\$ 1,543	0000	P	8'x6' RCB	611	\$ 2,985
0005	P	7' X 5' RCB	302	\$ 3,065					
0010	P	10' X 5' RCB	391	\$ 431					
0015	P	7' X 5' RCB	391	\$ 2,642					
0020	P	6' X 5' RCB	391	\$ 1,140					
MPA Change DCST Facilities Total Cost				\$ 8,822	MPU DCST Facilities Total Cost				\$ 2,985
DCGL		Duck Creek Gillespie Channel			DCGL		Duck Creek Gillespie Channel		
0182	P	CONC. CHNL 14'W 6.5'D 2:1SS	1,565	\$ 427	0193	P	14'x7' RCB	1,555	\$ 8,189
0185	P	20'x6' RCB	1,565	\$ 1,016					
0188	P	14'x6' RCB	1,565	\$ 1,086					
0191	P	14'x6' RCB	989	\$ 3,978					
0194	P	CONC. CHNL 12'W 5'D 3:1SS	989	\$ 541					
0197	P	16'X6' RCB	989	\$ 3,197					
MPA Change DCGL Facilities Total Cost:				\$ 10,244					
MPA Change Category A Facilities Total Cost:				\$ 19,066	2023 MPU Category A Facilities Cost:				\$ 11,174
MPA Change Constructed by Developer Total Cost:				(\$ 5,756)					

As shown in the comparison table above, the overall cost of the proposed 2025 MPA has increased by \$7.9 million from the 2023 MPU. The developer will construct \$5.8 million worth of the amended Duck Creek Gillespie Street Facilities, leaving a remaining \$2.1 million increase to the Master Plan.

The Master Plan Amendment sets forth the most cost-effective structural and regulatory means of protecting structures from floodwaters within the area or correcting existing problems of flooding within the area and dealing with the probable effects of future development (NRS 543.590[3]) (NRS 543.597). These facilities do not adversely affect the continued implementation of the Master Plan. The Master Plan Amendment will not become effective until it is adopted by Clark County.

Respectfully submitted,

TAC AGENDA ITEM # 17 Date: 11/20/2025	RFCD AGENDA ITEM # 18 Date: 12/11/2025
CAC AGENDA ITEM # 17 Date: 12/01/2025	


DENIS CEDERBURG
 Director of Public Works