



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	35
PROJECT TITLE	28907 Chartwell Lane
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: Drainage channel through the Chartwell subdivision experiences erosive velocities during storm events. Must-Do project.	



Location	28907 Chartwell Lane
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Limits From/To:	
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Schedule	Start	End
Design Phase	FY 24	FY 24
ROW/Esmt Acq.		
Construction	FY 25	FY 25

Project 35	
Item	Score
Estimated Cost	2
Source/Destination	6
Public Infrastructure at Risk	15
Number of Houses Impacted	4
Erosion Issue	0
Green Infrastructure Applicable	2.5
City Priority	0
Total Score	29.5

PROJECT NEED/BENEFITS:

This drainage channel through the Chartwell subdivision experiences erosive velocities during storm events. It is one of the few drainage easements in the city where plat notes indicate the maintenance responsibility is shared between property owner and the City. Past City efforts to stabilize the channel have failed and washed away. If not addressed, the cost will continue to increase as erosion grows.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ 61,829	\$ -	\$ -	\$ -	\$ -	\$ 61,829
Construction	\$ -	\$ -	\$ 262,500	\$ -	\$ -	\$ -	\$ 262,500
Management	\$ -	\$ 3,000	\$ 10,500	\$ -	\$ -	\$ -	\$ 13,500
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ 64,829	\$ 273,000	\$ -	\$ -	\$ -	\$ 337,829

FUNDING SOURCES	Prior	FY24	FY25	FY26	FY27	FY28	Total
Cash Funding	\$ -	\$ 64,829	\$ -	\$ -	\$ -	\$ -	\$ 64,829
Debt	\$ -	\$ -	\$ 273,000	\$ -	\$ -	\$ -	\$ 273,000
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ 64,829	\$ 273,000	\$ -	\$ -	\$ -	\$ 337,829



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	15
PROJECT TITLE	8622 Delta Dawn
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: Erosion control measures and channel improvements to reduce velocities and slow or stop erosion near the City's Deer Meadow Estates Sewer Lift Station. Must-Do project due to potential impact to public infrastructure.	



Location	8622 Delta Dawn
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Limits From/To:	
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Schedule	Start	End	<table border="1"> <thead> <tr> <th colspan="2">Project 15</th> </tr> <tr> <th>Item</th> <th>Score</th> </tr> </thead> <tbody> <tr> <td>Estimated Cost</td> <td>6</td> </tr> <tr> <td>Source/Destination</td> <td>6</td> </tr> <tr> <td>Public Infrastructure at Risk</td> <td>15</td> </tr> <tr> <td>Number of Houses Impacted</td> <td>0</td> </tr> <tr> <td>Erosion Issue</td> <td>2.5</td> </tr> <tr> <td>Green Infrastructure Applicable</td> <td>0</td> </tr> <tr> <td>City Priority</td> <td>0</td> </tr> <tr> <td>Total Score</td> <td>29.5</td> </tr> </tbody> </table>	Project 15		Item	Score	Estimated Cost	6	Source/Destination	6	Public Infrastructure at Risk	15	Number of Houses Impacted	0	Erosion Issue	2.5	Green Infrastructure Applicable	0	City Priority	0	Total Score	29.5
Project 15																							
Item	Score																						
Estimated Cost	6																						
Source/Destination	6																						
Public Infrastructure at Risk	15																						
Number of Houses Impacted	0																						
Erosion Issue	2.5																						
Green Infrastructure Applicable	0																						
City Priority	0																						
Total Score	29.5																						
Design Phase	FY 24	FY 24																					
ROW/Esmt Acq.																							
Construction	FY 24	FY 24																					

PROJECT NEED/BENEFITS:

Erosion has caused a large ravine to open up near the City's Deer Meadow Estates sewer lift station. The lift station is approximately 14 feet from the edge of the ravine which gets larger and closer each year. If not addressed, the cost will continue to increase as erosion grows. If nothing is done, the erosion will eventually damage the lift station which serves over half of Deer Meadow Estates.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Construction	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Management	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ 245,000	\$ -	\$ -	\$ -	\$ -	\$ 245,000

FUNDING SOURCES	Prior	FY24	FY25	FY26	FY27	FY28	Total
Cash Funding	\$ -	\$ 245,000	\$ -	\$ -	\$ -	\$ -	\$ 245,000
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ 245,000	\$ -	\$ -	\$ -	\$ -	\$ 245,000



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	2
PROJECT TITLE	8472 Rolling Acres Trail
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: Channel and culvert improvements to convey stormwater within drainage system to reduce flow over driveways and adjacent property. Must-Do project because flow from public ROW is impacting private property.	



Location	8472 Rolling Acres Trail
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Limits From/To:	
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Schedule	Start	End	Project 2	
Design Phase	FY 25	FY 25	Item	Score
ROW/Esmt Acq.			Estimated Cost	6
Construction	FY 25	FY 26	Source/Destination	15
			Public Infrastructure at Risk	0
			Number of Houses Impacted	3
			Erosion Issue	2.5
			Green Infrastructure Applicable	2.5
			City Priority	0
			Total Score	29

PROJECT NEED/BENEFITS:

Undersized driveway culverts and silted-in bar ditches cause stormwater to back up and flow over driveways and across adjacent property towards Cibolo Creek. Bar ditches need to be restored to original profile and erosion mat installed to stabilize the channel. Existing single culverts will likely need to be replaced with multiple culverts due to large amounts of runoff in this area.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ -	\$ 10,500	\$ -	\$ -	\$ -	\$ 10,500
Construction	\$ -	\$ -	\$ 52,500	\$ 157,500	\$ -	\$ -	\$ 210,000
Management	\$ -	\$ -	\$ 5,250	\$ -	\$ -	\$ -	\$ 5,250
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ -	\$ 68,250	\$ 157,500	\$ -	\$ -	\$ 225,750

FUNDING SOURCES	Prior	FY24	FY25	FY26	FY27	FY28	Total
Cash Funding	\$ -	\$ -	\$ 68,250	\$ 157,500	\$ -	\$ -	\$ 225,750
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ -	\$ 68,250	\$ 157,500	\$ -	\$ -	\$ 225,750



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	4
PROJECT TITLE	8040 Rolling Acres Trail
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: Channel construction and improvements needed to convey stormwater towards the Rolling Acres Trail low water crossing.	



Location	8040 Rolling Acres Trail
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Limits From/To:	
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Schedule	Start	End	Project 4	
Design Phase	FY 25	FY 25	Item	Score
ROW/Esmt Acq.			Estimated Cost	6
Construction	FY 25	FY 26	Source/Destination	15
			Public Infrastructure at Risk	6
			Number of Houses Impacted	1
			Erosion Issue	0
			Green Infrastructure Applicable	0
			City Priority	0
			Total Score	28

PROJECT NEED/BENEFITS:

Drainage does not have positive flow and backs up onto private property. Channel construction and improvements within the ROW are needed to convey stormwater towards the Rolling Acres Trail low water crossing. This involves regrading and significant earthwork to ensure adequate slope to convey stormwater.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ -	\$ 10,500	\$ -	\$ -	\$ -	\$ 10,500
Construction	\$ -	\$ -	\$ 52,500	\$ 157,500	\$ -	\$ -	\$ 210,000
Management	\$ -	\$ -	\$ 5,250	\$ -	\$ -	\$ -	\$ 5,250
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ -	\$ 68,250	\$ 157,500	\$ -	\$ -	\$ 225,750

FUNDING SOURCES	Prior	FY24	FY25	FY26	FY27	FY28	Total
Cash Funding	\$ -	\$ -	\$ 68,250	\$ 157,500	\$ -	\$ -	\$ 225,750
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ -	\$ 68,250	\$ 157,500	\$ -	\$ -	\$ 225,750



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	42
PROJECT TITLE	7740 Pimlico Lane
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: Channel and culvert improvements are needed to convey large amounts of stormwater under Pimlico towards Vestel Park	



Location	7740 Pimlico Lane
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Limits From/To:	
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Schedule	Start	End
Design Phase	FY 25	FY 25
ROW/Esmt Acq.		
Construction	FY 25	FY 25

Project 42	
Item	Score
Estimated Cost	10
Source/Destination	9
Public Infrastructure at Risk	6
Number of Houses Impacted	0
Erosion Issue	0
Green Infrastructure Applicable	2.5
City Priority	0
Total Score	27.5

PROJECT NEED/BENEFITS:

Channel and culvert improvements needed to convey large amounts of stormwater under Pimlico towards Vestel Park. The existing culvert is showing signs of degradation and requires repair or replacement.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ -	\$ 21,000	\$ -	\$ -	\$ -	\$ 21,000
Construction	\$ -	\$ -	\$ 88,688	\$ -	\$ -	\$ -	\$ 88,688
Management	\$ -	\$ -	\$ 5,250	\$ -	\$ -	\$ -	\$ 5,250
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ -	\$ 114,938	\$ -	\$ -	\$ -	\$ 114,938

FUNDING SOURCES

Cash Funding	\$ -	\$ -	\$ 114,938	\$ -	\$ -	\$ -	\$ 114,938
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ -	\$ 114,938	\$ -	\$ -	\$ -	\$ 114,938



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	6
PROJECT TITLE	7420 Rolling Acres Trail
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: Improvements to low water crossing which is frequently closed during storm events. Project to be executed in conjunction with Rolling Acres Trail roadway reconstruction since the roadway will need to be raised in this area to convey stormwater under the roadway.	



Location	7420 Rolling Acres Trail
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Limits From/To:	
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Schedule	Start	End
Design Phase	FY 26	FY 27
ROW/Esmt Acq.		
Construction	FY 28	FY 29

Project 6	
Item	Score
Estimated Cost	2
Source/Destination	15
Public Infrastructure at Risk	15
Number of Houses Impacted	0
Erosion Issue	0
Green Infrastructure Applicable	0
City Priority	-15
Total Score	17

PROJECT NEED/BENEFITS:

This low water crossing is frequently closed during storm events. The existing culverts are undersized and the roadway is barely higher than the top of the culverts. Project to be executed in conjunction with Rolling Acres Trail roadway reconstruction since the roadway will need to be raised in this area to convey stormwater under the roadway. Alternatives include adding additional CMP culverts (conveys 2-year storm event) or replacing with a 75-foot span bridge (conveys 5-year storm event).

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ -	\$ -	\$ 114,310	\$ 114,310	\$ -	\$ 228,620
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 535,500	\$*1,071,000
Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ -	\$ -	\$ 114,310	\$ 114,310	\$ -	\$ 1,299,620

*includes costs in FY29 of \$535,500

FUNDING SOURCES

Cash Funding	\$ -	\$ -	\$ -	\$ -	\$ 114,310	\$ -	\$ 114,310
Debt	\$ -	\$ -	\$ -	\$ 114,310	\$ -	\$ 535,500	\$ 1,185,310
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ -	\$ -	\$ 114,310	\$ 114,310	\$ 535,500	\$ 1,299,620



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	41
PROJECT TITLE	8426 Triple Crown
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: Large amount of runoff flows down right-of-way and through a platted easement. Culvert is undersized and becomes obstructed and eventually backs up.	



Location	8426 Triple Crown
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Limits From/To:	
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Schedule	Start	End
Design Phase	FY 27	FY 27
ROW/Esmt Acq.		
Construction	FY 27	FY 27

Project 41	
Item	Score
Estimated Cost	6
Source/Destination	15
Public Infrastructure at Risk	0
Number of Houses Impacted	1
Erosion Issue	0
Green Infrastructure Applicable	0
City Priority	0
Total Score	22

PROJECT NEED/BENEFITS:

The Drainage Master Plan proposes to replace the existing undersized culvert with a box culvert (2.417 feet x 3.75 feet) in order to increase the capacity. Increased maintenance is also needed to ensure clogging of the culvert does not become an issue. The box culvert would be capable of conveying the 10-year storm under the roadway.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ -	\$ -	\$ -	\$ 68,250	\$ -	\$ 68,250
Construction	\$ -	\$ -	\$ -	\$ -	\$ 168,000	\$ -	\$ 168,000
Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ -	\$ -	\$ -	\$ 236,250	\$ -	\$ 236,250

FUNDING SOURCES							
Cash Funding	\$ -	\$ -	\$ -	\$ -	\$ 236,250	\$ -	\$ 236,250
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ -	\$ -	\$ -	\$ 236,250	\$ -	\$ 236,250



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	43
PROJECT TITLE	8312 Triple Crown
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: Large amount of runoff moves down Rocking Horse Lane towards the south of the city.	



Location	8312 Triple Crown
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Limits From/To:	
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Schedule	Start	End
Design Phase	FY 27	FY 27
ROW/Esmt Acq.		
Construction	FY 27	FY 27

Project 43	
Item	Score
Estimated Cost	6
Source/Destination	15
Public Infrastructure at Risk	0
Number of Houses Impacted	1
Erosion Issue	0
Green Infrastructure Applicable	0
City Priority	0
Total Score	22

PROJECT NEED/BENEFITS:

The Drainage Master Plan proposes to construct a culvert and channel along the south side of Triple Crown and the west side of Rocking Horse Lane in the right of way to catch stormwater running down the street before it enters and causes flooding on private property.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ -	\$ -	\$ -	\$ 73,500	\$ -	\$ 73,500
Construction	\$ -	\$ -	\$ -	\$ -	\$ 178,500	\$ -	\$ 178,500
Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ -	\$ -	\$ -	\$ 252,000	\$ -	\$ 252,000

FUNDING SOURCES							
Cash Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -	\$ -	\$ 252,000	\$ -	\$ 252,000
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ -	\$ -	\$ -	\$ 252,000	\$ -	\$ 252,000



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	32
PROJECT TITLE	29314 Sumpter Drive
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: Runoff from commercial parking lot crosses FM3351 and floods the backyard of homes along Sumpter Drive. Severe slope accelerates runoff towards homes.	



Location	29314 Sumpter Drive
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Limits From/To:	
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Schedule	Start	End
Design Phase	FY 28	FY 28
ROW/Esmt Acq.		
Construction	FY 28	FY 29

Project 32	
Item	Score
Estimated Cost	6
Source/Destination	15
Public Infrastructure at Risk	15
Number of Houses Impacted	2
Erosion Issue	0
Green Infrastructure Applicable	2.5
City Priority	0
Total Score	40.5

PROJECT NEED/BENEFITS:

The Drainage Master Plan proposes to construct a swale along the west side of FM3351 and redefine the existing outfall and channel on the east side. This project will require coordination with TxDOT since needed improvements are located within the FM3351 right of way. In past discussion with TxDOT, the eventual widening project will address this drainage issue but the City may undertake proposed drainage improvements if a Municipal Maintenance Agreement is executed with TxDOT.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,750	\$ 15,750
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,170	\$* 216,470
Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,920	\$ 232,220

*includes costs in FY29 of \$167,300

FUNDING SOURCES

Cash Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,920	\$ 232,220
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,920	\$ 232,220



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	53
PROJECT TITLE	32030 Scarteen
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: City installed berms and swales which have eroded and silted over time. Flooding occurs in driveway and has come close to entering the home.	



Location	32030 Scarteen
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Limits From/To:	
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Schedule	Start	End
Design Phase	FY 28	FY 28
ROW/Esmt Acq.		
Construction	FY 28	FY 29

Project 53	
Item	Score
Estimated Cost	6
Source/Destination	15
Public Infrastructure at Risk	0
Number of Houses Impacted	1
Erosion Issue	2.5
Green Infrastructure Applicable	0
City Priority	0
Total Score	24.5

PROJECT NEED/BENEFITS:

Undersized driveway culverts and silted-in bar ditches cause stormwater to back up and flow over driveways and across adjacent property towards the resident's home. Bar ditches need to be restored to original profile and erosion mat installed to stabilize the channel. The existing driveway culvert will need to be replaced with a larger culvert to increase conveyance.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,750	\$ 15,750
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,170	\$* 216,470
Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,920	\$ 232,220

*includes costs in FY29 of \$167,300

FUNDING SOURCES

Cash Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,920	\$ 232,220
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,920	\$ 232,220



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	1
PROJECT TITLE	Ammann Road Low Water Cross
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: This project will replace the current road with an elevated concrete bridge above the flood stage. Aligns with Roadway CIP project.	



Location	Ammann Road Low Water Crossing
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Limits From/To:	
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Schedule	Start	End
Design Phase	FY 24	FY 25
ROW/Esmt Acq.		
Construction	FY 26	FY 27

Project 1	
Item	Score
Estimated Cost	2
Source/Destination	9
Public Infrastructure at Risk	15
Number of Houses Impacted	0
Erosion Issue	0
Green Infrastructure Applicable	0
City Priority	0
Total Score	26

PROJECT NEED/BENEFITS:

Ammann Road is classified as a collector street and serves as one of the major east-west corridors through the city. A portion of Ammann Road lies within the 100-year floodplain and is overtopped during large storm events due to insufficient and undersized culverts that pass under Ammann Rd. The Drainage Master Plan proposes to replace the existing culvert with a concrete bridge structure. This project should be executed in conjunction with Ammann Road Reconstruction project.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ 58,039	\$ 58,039	\$ -	\$ -	\$ -	\$ 116,078
Construction	\$ -	\$ -	\$ -	\$ 532,237	\$ 532,237	\$ -	\$ 1,064,474
Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ 58,039	\$ 58,039	\$ 532,237	\$ 532,237	\$ -	\$ 1,180,552

FUNDING SOURCES	Prior	FY24	FY25	FY26	FY27	FY28	Total
Cash Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ -	\$ 58,039	\$ 58,039	\$ 532,237	\$ 532,237	\$ -	\$ 1,180,552
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ 58,039	\$ 58,039	\$ 532,237	\$ 532,237	\$ -	\$ 1,180,552



CITY OF FAIR OAKS RANCH CAPITAL IMPROVEMENT PROGRAM - DRAINAGE

PROJECT ID:	23
PROJECT TITLE	8402 Battle Intense Low Water Crossing
DEPARTMENT(S)	Engineering
PROJECT DESCRIPTION: Battle Intense is often overtopped and shut down during large rain events. Debris collects and blocks the culverts which contributes to flooding. An elevated bridge structure is necessary to raise the road elevation and convey stormwater under the road.	



Location	8402 Battle Intense Low Water Crossing
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Limits From/To:	
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Schedule	Start	End
Design Phase	FY 24	FY 24
ROW/Esmt Acq.		
Construction	FY 25	FY 25

Project 23	
Item	Score
Estimated Cost	2
Source/Destination	15
Public Infrastructure at Risk	15
Number of Houses Impacted	0
Erosion Issue	0
Green Infrastructure Applicable	0
City Priority	-15
Total Score	17

PROJECT NEED/BENEFITS:

Battle Intense is often overtopped and shut down during large rain events. Debris collects and blocks the culverts which contributes to flooding. An elevated bridge structure is necessary to raise the road elevation and convey stormwater under the road. This project is considered a "Must Do" as it impacts emergency response.

PROJECT COSTS	Prior	FY24	FY25	FY26	FY27	FY28	Total
Design Phase	\$ -	\$ 909,148	\$ -	\$ -	\$ -	\$ -	\$ 909,148
Construction	\$ -	\$ -	\$ 2,342,872	\$ -	\$ -	\$ -	\$ 2,342,872
Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Estimated Cost	\$ -	\$ 909,148	\$ 2,342,872	\$ -	\$ -	\$ -	\$ 3,252,020

FUNDING SOURCES

Cash Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ -	\$ 909,148	\$ 2,342,872	\$ -	\$ -	\$ -	\$ 3,252,020
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding	\$ -	\$ 909,148	\$ 2,342,872	\$ -	\$ -	\$ -	\$ 3,252,020

