City of Kennedale
Stormwater Utility
Capital Improvement Projects

Project Group								Project Factor Percentage									
					Total Unfunded	$31,150,000	$44,170,000	100%	0%	15%	10%	0%	0%	20%	20%	25%	10%	0%
									Structure Flood Factor	Street Flooding Factor	Other Safety Issues	Ancillary Use of Property Is Enhanced	Regional Detention Opportunity	Erosion Factor		Benefit Factor		Cost Factor
									Storm Water enters living area.	*Road closes due to flooding.*	*Public Access Dangerous*	*Improvements Allow Secondary Public Use (Parks, Other Amenities)*	*Regional Drainage Solution Rather than Small Localized Solutions*	*Impending Infrastructure Failure*	*Water Quality or Maintenance Problems*	*Number of Residents Benefitting*	*Value of Real Estate and BPP Property Benefitting*	*Estimated cost of construction*
					Roadway Funding	$1,000,000	$828,000		*No (0)*	*N/A or Never (0)*	*N/A or Never (0)*	*Minor Uses (0-2)*	*Not Regional (0)*	*Minor (0-2)*	*Minor (0-2)*	*0-2 (1)*	*<$250K=0*	*>$3,000K=0*
						$32,150,000	$44,998,000		*Yes (5)*	*Occasionally (1)*	*Occasionally (1)*	*Moderate Uses (3-4)*	*Partial Watershed (2-4)*	*Moderate (3-4)*	*Moderate (3-4)*	*3-4 (3)*	*$500K=2.5*	*<$100K=5*
					Drainage Manual		$40,000			*Often (3)*	*Often (3)*	*Multiple Uses (5)*	*Half Watershed (5)*	*Severe (5)*	*Severe (5)*	*5-6 (5)*	*>$1,000K=5*	
							$45,038,000			*Always (5)*	*Always (5)*							

Watershed	Project Number	Project Name and Location	Drainage Issues	Scope of Project	Justification	FY2009 Property Values	FY2009 Project Costs	Priority Rating										
Kee Branch						$500,000	$1,418,000											
Kee Branch	60	Kee Branch Detailed Hydrology and Hydraulics Study	Hydrologic and Hydraulics Study	Updated the hydrology and hydraulics studies along Kee Branch to reflect the existing conditions along the stream	The detailed study will allow for accurate sizing of capital improvement projects within the Kee Branch watershed and define other potential problems and solutions	$0	$235,000	100%	0	0	0	0	0	0	0	0	0.0	4.3
Kee Branch	5	400 Block of Glenbrook Drive	Culvert flooding	Installation of two additional flumes	Increase storm drainage for the residential lots in the Steeplechase Addition Section Three	$0	$59,000	20%	0	1	1	0	0	0	0	3	0.0	5.2
Kee Branch	7	1300 Block of Swiney Hiett	Culvert flooding	Upgrade existing culverts with two 48" RCP Culverts	Minimize flooding impacts across Swiney Hiett and within the Falcon Wood Addition	$0	$200,000	30%	0	3	3	0	1	0	0	3	0.0	4.4
Kee Branch	9	5600 Block of Eden Road	Bar ditch flooding	Clean and deepen bar ditch along Eden Road	Eliminate water over Eden Road	$0	$76,000	22%	0	5	1	0	0	0	0	1	0.0	5.1
Kee Branch	10	5700 Block of Eden Road	Culvert flooding	Upgrade existing culvert with a 48" RCP Culvert	Eliminate flooding across Eden Road	$0	$82,000	54%	0	5	5	0	0	1	0	5	0.0	5.1
Kee Branch	29	Wildcat Way - KISD Sports Complex North Pond (near tennis courts)	Channel Improvement	Construct a defined drainage swell to drain the upstream pond	Minimize flood impacts to the KISD Athletic Addition	$500,000	$354,000	47%	0	5	1	0	0	0	0	5	2.5	3.6
Kee Branch	31	4000 Block of S Eden Road	Culvert flooding	Replace existing culverts with a 30" RCP culvert	Eliminate water over the road along Eden Rd	$0	$51,000	20%	0	3	3	0	0	0	0	1	0.0	5.3
Kee Branch	32	4100 Block of S Eden Road	Culvert flooding	Replace existing culvert with a 30" RCP culvert and perform bar ditch maintenance	Eliminate water over the road along Eden Rd	$0	$54,000	20%	0	3	3	0	0	0	0	1	0.0	5.3
Kee Branch	46	900 Block of Shady Creek East	Maintenance - Concrete Channel	Maintenance of the concrete lined channel along the Unnamed Tributary to Kee Branch	Minimize potential flood impacts downstream of the concrete channel	$0	$15,000	30%	0	1	1	0	0	0	0	5	0.0	5.5
Kee Branch	64	Wildcat Way - KISD Sports Complex South Ponds (Near practice fields)	Channel Improvement	Construct a defined drainage swell to drain the upstream pond	Minimize flood impacts to the KISD Athletic Addition	$0	$292,000	40%	0	3	3	0	2	0	0	5	0.0	3.9

City of Kennedale
Stormwater Utility
Capital Improvement Projects

Project Group

Total Unfunded	$31,150,000	$44,170,000
Roadway Funding	$1,000,000	$828,000
	$32,150,000	$44,998,000
Drainage Manual		$40,000
		$45,038,000

Project Factor Percentage

Watershed	Project Number	Project Name and Location	Drainage Issues	Scope of Project	Justification	FY2009 Property Values	FY2009 Project Costs	Priority Rating	Structure Flood Factor — *Storm Water enters living area.*	Street Flooding Factor — *Road closes due to flooding.*	Other Safety Issues — *Public Access Dangerous*	Ancillary Use of Property is Enhanced — *Improvements Allow Secondary Public Use (Parks, Other Amenities)*	Regional Detention Opportunity — *Regional Drainage Solution Rather than Small Localized Solutions*	Erosion Factor — *Impending Infrastructure Failure*	Erosion Factor — *Water Quality or Maintenance Problems*	Benefit Factor — *Number of Residents Benefitting*	Benefit Factor — *Value of Real Estate and BPP Property Benefitting*	Cost Factor — *Estimated cost of construction*
								100%	0%	15%	10%	0%	0%	20%	20%	25%	10%	0%
									No (0)	*N/A or Never (0)*	*N/A or Never (0)*	*Minor Uses (0-2)*	*Not Regional (0)*	*Minor (0-2)*	*Minor (0-2)*	*0-2 (1)*	*<$250K=0*	*>$3,000K=0*
									Yes (5)	*Occasionally (1)*	*Occasionally (1)*	*Moderate Uses (3-4)*	*Partial Watershed (2-4)*	*Moderate (3-4)*	*Moderate (3-4)*	*3-4 (3)*	*$500K=2.5*	*<$100K=5*
										Often (3)	*Often (3)*	*Multiple Uses (5)*	*Half Watershed (5)*	*Severe (5)*	*Severe (5)*	*5-6 (5)*	*>$1,000K=5*	
										Always (5)	*Always (5)*							
Stream VC-3						$3,650,000	$6,973,000											
Stream VC-3	8A	1100 Block of Swiney Hiett	Culvert flooding	Upgrade existing culverts with two 48" RCP Culverts	Create a defined drainage path through Swiney Hiett Rd near the Beacon Hill Addition	$0	$276,000	24%	0	3	3	0	0	1	0	1	0.0	4.0
Stream VC-3	8B	1100 Block of Swiney Hiett	Bar ditch flooding	Clear and deepen the bar ditch along Swiney Hiett for approximately 400 feet	Create a defined drainage path through Swiney Hiett Rd near the Beacon Hill Addition	$0	$28,000	24%	0	3	3	0	0	1	0	1	0.0	5.4
Stream VC-3	22	500 Block of Oak Leaf Ct	Erosion	Gabion wall erosion protection along Stream VC-3 from just downstream of Oak Leaf Ct	Minimize erosion along Stream VC-3	$500,000	$183,000	57%	0	1	1	0	0	5	3	3	2.5	4.5
Stream VC-3	23	1016 Swiney Hiett	Water over road	Construct culvert under Swiney Hiett Rd downstream of the Beacon Hill Pond	Eliminate water over the road along Swiney Hiett Rd	$0	$86,000	14%	0	1	3	0	0	0	0	1	0.0	5.1
Stream VC-3	24	300 Block of Pennsylvania Ave (Stream VC-3)	Erosion	Erosion protection of Stream VC-3 behind the Oak Hill Park Addition	Minimize erosion along Stream VC-3	$750,000	$87,000	67%	0	0	1	2	2	5	3	5	3.8	5.1
Stream VC-3	28	Intersection of Spring Branch and Paula Ln	Water over road	Construct storm drain pipe from the intersection of Spring Branch and Paula Lane	Eliminate water over the road at the intersection of Spring Branch and Paula Lane	$400,000	$366,000	24%	0	1	1	2	0	0	0	3	2.0	3.5
Stream VC-3	37	200 Block of E. Mistletoe	Erosion	Erosion protection of the channel from Hillside to the confluence with Stream VC-3	Minimize flood and erosion impacts to the areas downstream of the pond	$750,000	$88,000	57%	0	0	0	0	1	3	3	5	3.8	5.1
Stream VC-3	56	100 Block of Oakwood at Kennedale Sublett Dr	Culvert flooding	Replace existing culvert under Oakwood Dr at Kennedale Sublett Dr with a 48" RCP Culvert	Eliminate water over the road at the intersection of Oakwood Dr and Sublett Rd	$500,000	$69,000	31%	0	3	1	0	0	0	0	3	2.5	5.2
Stream VC-3	57	600 Block of Oak Ridge Trl	Water over road	Replace existing low water crossing with 48" RCP culverts	Eliminate water over Oak Ridge Trl	$0	$86,000	20%	0	1	1	0	0	0	0	3	0.0	5.1
Stream VC-3	58	100 Block of Arthur Dr (on private property)	Erosion	Reconstruct eroded pond outlet along Stream VC-3	Minimize flooding and erosion downstream of the pond along Stream VC-3	$750,000	$76,000	65%	0	0	0	0	0	5	3	5	3.8	5.1
Stream VC-3	59	Stream VC-3 Drainage Study - Pond 1	Channel Improvement	Construction of a 7.5 acre pond upstream of Little School Road	Minimize the impacts of flooding with in the Stream VC-3 watershed	$0	$2,520,000	25%	0	0	0	0	0	0	0	5	0.0	0.0

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Stormwater Utility
Capital Improvement Projects

									Project Factor Percentage									
					Total Unfunded	$31,150,000	$44,170,000	100%	0%	15%	10%	0%	0%	20%	20%	25%	10%	0%
									Structure Flood Factor	Street Flooding Factor	Other Safety Issues	Ancillary Use of Property is Enhanced	Regional Detention Opportunity	Erosion Factor		Benefit Factor		Cost Factor
		Project Group							*Storm Water enters living area.*	*Road closes due to flooding.*	*Public Access Dangerous*	*Improvements Allow Secondary Public Use (Parks, Other Amenities)*	*Regional Drainage Solution Rather than Small Localized Solutions*	*Impending Infrastructure Failure*	*Water Quality or Maintenance Problems*	*Number of Residents Benefitting*	*Value of Real Estate and BPP Property Benefitting*	*Estimated cost of construction*
					Roadway Funding	$1,000,000	$828,000		*No (0)*	*N/A or Never (0)*	*N/A or Never (0)*	*Minor Uses (0-2)*	*Not Regional (0)*	*Minor (0-2)*	*Minor (0-2)*	*0-2 (1)*	*<$250K=0*	*>$3,000K=0*
						$32,150,000	$44,998,000		*Yes (5)*	*Occasionally (1)*	*Occasionally (1)*	*Moderate Uses (3-4)*	*Partial Watershed (2-4)*	*Moderate (3-4)*	*Moderate (3-4)*	*3-4 (3)*	*$500K=2.5*	*<$100K=5*
					Drainage Manual		$40,000			*Often (3)*	*Often (3)*	*Multiple Uses (5)*	*Half Watershed (5)*	*Severe (5)*	*Severe (5)*	*5-6 (5)*	*>$1,000K=5*	
							$45,038,000			*Always (5)*	*Always (5)*							
Watershed	**Project Number**	**Project Name and Location**	**Drainage Issues**	**Scope of Project**	**Justification**	**FY2009 Property Values**	**FY2009 Project Costs**	**Priority Rating**										
Stream VC-3	61	Stream VC-3 Drainage Study - Pond 2	Channel Improvement	Construction of a 9.0 acre pond just upstream of Sublett Road	Minimize the impacts of flooding with in the Stream VC-3 watershed	$0	$2,845,000	25%	0	0	0	0	0	0	0	5	0.0	0.0
Stream VC-3	62	Stream VC-3 Drainage Study - Upgrade Kennedale Sublett Culvert	Culvert flooding	Replace existing culvert with 12' x 9' RCB culvert	Elminate water over Sublett Rd	$0	$263,000	44%	0	5	3	0	0	1	1	3	0.0	4.1

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Project Group

	FY2009 Property Values	FY2009 Project Costs
Total Unfunded	$31,150,000	$44,170,000
Roadway Funding	$1,000,000	$828,000
	$32,150,000	$44,998,000
Drainage Manual		$40,000
		$45,038,000

									Project Factor Percentage									
								100%	0%	15%	10%	0%	0%	20%	20%	25%	10%	0%
									Structure Flood Factor	Street Flooding Factor	Other Safety Issues	Ancillary Use of Property is Enhanced	Regional Detention Opportunity	Erosion Factor		Benefit Factor		Cost Factor
									Storm Water enters living area.	*Road closes due to flooding.*	*Public Access Dangerous*	*Improvements Allow Secondary Public Use (Parks, Other Amenities)*	*Regional Drainage Solution Rather than Small Localized Solutions*	*Impending Infrastructure Failure*	*Water Quality or Maintenance Problems*	*Number of Residents Benefitting*	*Value of Real Estate and BPP Property Benefitting*	*Estimated cost of construction*
									No (0) *Yes (5)*	*N/A or Never (0)* *Occasionally (1)* *Often (3)* *Always (5)*	*N/A or Never (0)* *Occasionally (1)* *Often (3)* *Always (5)*	*Minor Uses (0-2)* *Moderate Uses (3-4)* *Multiple Uses (5)*	*Not Regional (0)* *Partial Watershed (2-4)* *Half Watershed (5)*	*Minor (0-2)* *Moderate (3-4)* *Severe (5)*	*Minor (0-2)* *Moderate (3-4)* *Severe (5)*	*0-2 (1)* *3-4 (3)* *5-6 (5)*	*<$250K=0* *$500K=2.5* *>$1,000K=5*	*>$3,000K=0* *<$100K=5*
Watershed	Project Number	Project Name and Location	Drainage Issues	Scope of Project	Justification	FY2009 Property Values	FY2009 Project Costs	Priority Rating										
Stream VC-4						$2,400,000	$2,348,000											
Stream VC-4	67	Stream VC-4 Detailed Hydrology and Hydraulics Study	Hydrologic and Hydraulics Study	Updated the hydrology and hydraulics studies along Stream VC-4 to reflect the existing conditions along the stream	The detailed study will allow for accurate sizing of capital improvement projects within the Stream VC-4 watershed and define other potential problems and solutions	$0	$117,000	100%	0	0	0	0	0	0	0	0	0.0	4.9
Stream VC-4	1	600 Block of Bowman Springs Rd	Bar ditch flooding	Clear and deepen the bar ditch between Kennedale Pky and Bowman Springs Rd	Minimize flooding to structures and water over the road near the drainage swale	$0	$23,000	5%	0	0	0	0	0	0	0	1	0.0	5.4
Stream VC-4	2	413 3rd St	Culvert flooding	Installation of 36" and 42" RCP	1-percent-annual-chance-event drainage system improvements	$500,000	$178,000	39%	0	1	3	0	0	0	0	5	2.5	4.6
Stream VC-4	4	4084 Danny Drive	Culvert flooding	Installation of two 6' x 3' Box Culverts	Minimize flooding along Danny Drive due to the Unnamed Tributary to Stream VC-4A	$0	$181,000	20%	0	3	1	0	1	1	0	1	0.0	4.6
Stream VC-4	12A	Channel Downstream of Kennedale Pkwy	Channel Improvement	Widen channel and provide rip-rap protection	Reduce impacts of flooding on the Speed Fab-Crete Addition	$500,000	$71,000	35%	0	3	3	0	0	0	0	3	2.5	5.2
Stream VC-4	12B	Union Pacific Railroad Along Stream VC-4 (Commuter Rail Project)	Channel Improvement	Clear and widen existing channel	Reduce impacts of flooding on the Speed Fab-Crete Addition	$500,000	$262,000	43%	0	3	3	0	0	1	1	3	2.5	4.1
Stream VC-4	17	4100 Block of New Hope Rd	Culvert flooding	Replace existing box culverts with two 12' x 6' box culverts	Eliminate water over the road along New Hope Rd due to Stream VC-4	$0	$175,000	32%	0	3	5	0	0	1	1	1	0.0	4.6
Stream VC-4	66	4000 Block of New Hope Rd	Erosion	Construct erosion protection to the bridge crossing on Kennedale New Hope Rd	Minimize erosion effects on the New Hope Bridge	$0	$119,000	39%	0	3	3	0	0	3	3	0	0.0	4.9
Stream VC-4	21	300 Block of North Rd	Culvert flooding	Replace existing culverts under North Rd with 48" RCP culvert	Eliminate water over North Rd	$0	$54,000	18%	0	1	1	0	0	1	1	1	0.0	5.3
Stream VC-4	27	300 Block of Linda Ln	Bar ditch flooding	Construct a drainage swale from the end of the bar ditch to Stream VC-4 channel	Minimize flooding at the end of the 300 block of Linda Ln	$0	$40,000	7%	0	0	1	2	0	0	0	1	0.0	5.3
Stream VC-4	33A	Sonora Park Low Water Crossing: Remove Crossing	Water over road	Removal of low water crossing	Minimize flooding impacts on Stream VC-4	$0	$25,000	0%	0	0	0	0	0	0	0	0	0.0	5.4
Stream VC-4	33B	Sonora Park Low Water Crossing: Pedestrian Bridge	Water over road	Construction of a pedestrian bridge crossing	Minimize flooding impacts on Stream VC-4	$0	$393,000	5%	0	1	1	1	0	0	0	0	0.0	3.4
Stream VC-4	39	400 Block of New Hope Rd	Maintenance	Maintenance of the rip-rap channel along Stream VC-4A	Minimize potential flood impacts downstream of the rip-rap channel	$0	$15,000	5%	0	0	0	0	0	0	0	1	0.0	5.5

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					Total Unfunded	$31,150,000	$44,170,000	100%	0%	15%	10%	0%	0%	20%	20%	25%	10%	0%
									Structure Flood Factor	Street Flooding Factor	Other Safety Issues	Ancillary Use of Property is Enhanced	Regional Detention Opportunity	Erosion Factor		Benefit Factor		Cost Factor
									Storm Water enters living area.	*Road closes due to flooding.*	*Public Access Dangerous*	*Improvements Allow Secondary Public Use (Parks, Other Amenities)*	*Regional Drainage Solution Rather than Small Localized Solutions*	*Impending Infrastructure Failure*	*Water Quality or Maintenance Problems*	*Number of Residents Benefitting*	*Value of Real Estate and BPP Property Benefitting*	*Estimated cost of construction*
					Roadway Funding	$1,000,000	$828,000		*No (0)*	*N/A or Never (0)*	*N/A or Never (0)*	*Minor Uses (0-2)*	*Not Regional (0)*	*Minor (0-2)*	*Minor (0-2)*	*0-2 (1)*	*<$250K=0*	*>$3,000K=0*
						$32,150,000	$44,998,000		*Yes (5)*	*Occasionally (1)*	*Occasionally (1)*	*Moderate Uses (3-4)*	*Partial Watershed (2-4)*	*Moderate (3-4)*	*Moderate (3-4)*	*3-4 (3)*	*$500K=2.5*	*<$100K=5*
					Drainage Manual		$40,000			*Often (3)*	*Often (3)*	*Multiple Uses (5)*	*Half Watershed (5)*	*Severe (5)*	*Severe (5)*	*5-6 (5)*	*>$1,000K=5*	
							$45,038,000			*Always (5)*	*Always (5)*							
Watershed	Project Number	Project Name and Location	Drainage Issues	Scope of Project	Justification	FY2009 Property Values	FY2009 Project Costs	Priority Rating										
Stream VC-4	40	1000 Block of Mansfield Cardinal Rd	Culvert flooding	Replace existing culvert with a 36" RCP culvert and perform bar ditch maintenance	Eliminate water over the road along Mansfield Cardinal Rd	$0	$56,000	16%	0	3	1	0	0	0	0	1	0.0	5.2
Stream VC-4	45	Sulpher St. and Mansfield Ave.	Bar ditch flooding	Extend bar ditch down the unbuilt portion of Sulpher St.	Eliminate water over the road at the intersection of Sulpher St. and Mansfield Ave.	$500,000	$30,000	23%	0	1	1	2	0	1	1	1	2.5	5.4
Stream VC-4	51	500 Block of New Hope Rd	Water over road and Culvert Flooding	Replace existing culverts with a bridge crossing	Eliminate water over the road along New Hope Rd due to Stream VC-4A	$0	$482,000	20%	0	3	3	0	0	0	0	1	0.0	2.9
Stream VC-4	54	Averett Road Bridge Crossing over Stream VC-4	Erosion	Widen Averett Rd bridge to pass the 1-percent-annual-chance storm event	Eliminate water over Averett Rd due to Stream VC-4	$0	$72,000	16%	0	0	0	0	0	3	1	0	0.0	5.2
Stream VC-4	55	600 Block of Tower Dr	Channel Improvement	Construct a defined drainage swell from Tower Road to Kennedale Parkway	Eliminate water over Tower Rd	$400,000	$55,000	9%	0	0	0	0	0	0	0	1	2.0	5.3
Village Creek Localized Flooding						$500,000	$234,000											
Village Creek Localized	18	6800 Block of Lindale Rd	Culvert flooding	Replace existing culvert under Lindale Rd with a 36" RCP culvert	Eliminate water over the road at the intersection of Lindale Rd and Oak Crest Dr	$0	$60,000	10%	0	1	1	0	0	0	0	1	0.0	5.2
Village Creek Localized	19	500 Block of Gilman Rd	Bar ditch flooding	Clean and deepen bar ditch on both sides of Gilman Rd	Eliminate water over Gilman Rd	$0	$69,000	13%	0	1	1	0	0	1	1	0	0.0	5.2
Village Creek Localized	30	1500 Block of Gilman Rd	Culvert flooding	Replace existing culverts with three 30" RCP culverts	Eliminate water over the road along Gilman Rd	$500,000	$105,000	25%	5	1	1	0	0	0	0	3	2.5	5.0

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							$32,150,000	$44,998,000
						Drainage Manual		$40,000
								$45,038,000

								Project Factor Percentage									
								100%	0%	15%	10%	0%	0%	20%	20%	25%	10%	0%
									Structure Flood Factor	Street Flooding Factor	Other Safety Issues	Ancillary Use of Property is Enhanced	Regional Detention Opportunity	Erosion Factor		Benefit Factor		Cost Factor
									Storm Water enters living area.	*Road closes due to flooding.*	*Public Access Dangerous*	*Improvements Allow Secondary Public Use (Parks, Other Amenities)*	*Regional Drainage Solution Rather than Small Localized Solutions*	*Impending Infrastructure Failure*	*Water Quality or Maintenance Problems*	*Number of Residents Benefitting*	*Value of Real Estate and BPP Property Benefitting*	*Estimated cost of construction*
									No (0)	*N/A or Never (0)*	*N/A or Never (0)*	*Minor Uses (0-2)*	*Not Regional (0)*	*Minor (0-2)*	*Minor (0-2)*	*0-2 (1)*	*<$250K=0*	*>$3,000K=0*
									Yes (5)	*Occasionally (1)*	*Occasionally (1)*	*Moderate Uses (3-4)*	*Partial Watershed (2-4)*	*Moderate (3-4)*	*Moderate (3-4)*	*3-4 (3)*	*$500K=2.5*	*<$100K=5*
										Often (3)	*Often (3)*	*Multiple Uses (5)*	*Half Watershed (5)*	*Severe (5)*	*Severe (5)*	*5-6 (5)*	*>$1,000K=5*	
										Always (5)	*Always (5)*							

Watershed	Project Number	Project Name and Location	Drainage Issues	Scope of Project	Justification	FY2009 Property Values	FY2009 Project Costs	Priority Rating										
Village Creek						$24,100,000	$33,197,000											
Village Creek	65	Village Creek Detailed Hydrology and Hydraulics Study	Hydrologic and Hydraulics Study	Develop a detailed hydrology and hydraulics study of Village Creek	The detailed study will allow for accurate sizing of capital improvement projects within Village Creek and define other potential problems and solutions	$0	$300,000	100%	0	0	0	0	0	0	0	0	0.0	3.9
Village Creek	6	Stream VC-4 at Dick Price Rd	Channel Improvement	Construction of a concrete channel along Stream VC-4 from the US 287 bridge upstream to the Union Pacific Railroad Crossing	Minimize flooding impacts along Dick Price road near Stream VC-4	$3,700,000	$2,897,000	69%	5	0	0	0	1	2	1	4	18.5	0.0
Village Creek	16	Village Creek Channel Improvement	Channel Improvement	Improve the Village Creek channel by returning the channel to a natural condition, creating park land, and trails.	Improve the Village Creek Channel to minimize flooding impacts on the community	$20,400,000	$30,000,000	247%	5	3	3	5	5	1	1	4	102.0	0.0
Estimated Projects Included in Roadway Projects						$1,000,000	$828,000											
Kee Branch	11	600 Block of Wildcat Way	Culvert flooding	Remove bar ditches and construct underground drainage that ties in to the existing adjacent system	Eliminate water over the road along Wildcat Way	$500,000	$59,000	35%	0	2	2	0	0	0	0	4	2.5	5.2
Kee Branch	41	900 Block of Little School Road	Culvert flooding	Replace existing box culverts with a 4' x 4' box culvert	Eliminate water over the road along Little School Rd	$0	$76,000	10%	0	1	1	0	0	0	0	1	0.0	5.1
Stream VC-4	14	300 Block of S. Dick Price Rd	Bar ditch flooding	Clean and deepen bar ditch along S. Dick Price Rd	Eliminate water over S. Dick Price Rd by directing storm water to the culverts with the upgraded culverts	$500,000	$69,000	15%	0	1	1	0	0	0	0	1	2.5	5.2
Stream VC-3	60	Stream VC-3 Drainage Study -Upgrade Little School Rd Culvert	Channel Improvement	Replace existing culvert with 10' x 8' RCB culvert	Elminate water over Little School Rd	$0	$119,000	10%	0	1	1	0	0	0	0	1	0.0	4.9
Stream VC-3	63	Stream VC-3 Drainage Study - Upgrade Bowman Springs Culvert	Channel Improvement	Replace existing culvert with 9' x 11' RCB culvert	Elminate water over Bowman Springs Culvert	$0	$505,000	29%	0	1	0	0	0	2	2	2	0.0	2.8