

## Initial FME Ranking

Rank	Score	FME Name	Description	Type	Reason Not Recommended	Sponsor	Cost	Criteria 4 (Critical Facility Benefitted?)	Criteria 5 (LWC Benefitted?)	Criteria 8 (Level of Sponsor Engagement)	Criteria 1 (Construction Projects)	Criteria 2 (Study Benefit Area)	Criteria 7 (Overlap with FIF)	Criteria 3 (Flood Mitigation Need Score)	Criteria 6 (Cost to perform FME relative to available budget)
1	8.70	Hardin County Municipal Storm Drain Project	Evaluate project to quantify benefits, evaluate impacts, and begin design.	Not Recommended	Lack of storm sewer information and too large (cost/schedule) to completed with available Task 12 budget	Hardin County	\$2,000,000	10	10	10	10	10	10	10	0
2	8.70	Hardin County SE Area Drainage System	H&H study to identify alternatives for developing a large drainage system to drain Lumberton directly into the Neches River, instead of Pine Island Bayou.	Primary	n/a	Hardin County	\$1,250,000	10	10	10	10	10	10	10	0
3	8.70	Hardin County South Area Drainage System	H&H study to identify alternatives for developing a drainage system to drain / retain flood waters around the communities of Pinewood, Countrywood, Bevil Oaks, and Rose Hill	Not Recommended	To be completed as part of ongoing study.	Hardin County	\$1,000,000	10	10	10	10	10	10	10	0
4	8.35	City of Tyler Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	Primary	n/a	City of Tyler	\$2,200,000	10	10	10	10	8	10	3	5
5	8.00	City of Lumberton Greens Branch Ditch Western Extension	H&H Study to identify alternatives for improving existing drainage of Greens Branch Ditch	Not Recommended	Benefits a localized area.	City of Lumberton	\$100,000	0	10	10	10	8	10	5	10
6	7.85	Bridge City Drainage Outfall Improvement Project	Improve and extend three major drainage ditches and extend a neighborhood outfall to reduce structural flooding in residences within the area.	Primary	n/a	City of Bridge City	\$200,000	10	10	10	10	2	10	7	5
7	7.55	Crane Bayou Additional Pumping	H&H study to size pump upgrades and improve existing level of service.	Not Recommended	Study potentially already funded.	Jefferson County Drainage District 7	\$100,000	10	0	10	10	5	10	5	10
8	7.55	Crane Bayou Channel Improvements	H&H study to identify alternatives for Crane Bayou Channel	Primary	n/a	Jefferson County Drainage District 7	\$100,000	10	0	10	10	5	10	5	10
9	7.55	Main A Channel Improvements	H&H study to identify alternatives for Main A Channel	Primary	n/a	Jefferson County Drainage District 7	\$100,000	10	0	10	10	5	10	5	10
10	7.50	Orange County DD Harvey Repairs	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of repairing damage to drainage ditches, crossings, culverts, levees, and right-of-ways caused by Hurricane Harvey to restore pre-flood capacity.	Not Recommended	Study to potentially be completed as part of Lower Sabine FIF	Orange County Drainage District	\$130,000	10	10	10	10	10	0	10	0
11	7.50	Orange County DD SW Detention/Retention Facilities	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of stormwater detention/retention facilities throughout OCDD.	Not Recommended	Study to potentially be completed as part of Lower Sabine FIF	Orange County Drainage District	\$130,000	10	10	10	10	10	0	10	0
12	7.40	City of Beaumont Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	Not Recommended	Lack of storm sewer information, level of service does not meet 100-year	City of Beaumont	\$600,000	10	10	10	0	8	10	10	0
13	7.40	JCDD7 Hurricane Flood Protection Levee Study	Study to identify possible upgrades to levees to help reduce the risk of flooding and to help the District review and update levees in jurisdictional area.	Not Recommended	Too large (cost/schedule) to completed with available Task 12 budget	Jefferson County Drainage District 7	\$777,000	10	10	10	0	10	10	7	0
14	7.30	Tevis Diversion	H&H study to identify alternatives for a diversion to the Neches River.	Not Recommended	To be completed as part of ongoing study.	Jefferson County Drainage District 6	\$100,000	10	0	10	10	2	10	7	10
15	7.20	Hardin County Coon Marsh Gully Drainage Improvements	H&H Study to identify alternatives for improving existing drainage within Marsh Gully	Not Recommended	To be completed as part of ongoing study.	Hardin County	\$300,000	10	10	10	10	2	10	7	0
16	7.20	Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County	H&H Study to analyze most efficient alternatives for improving existing drainage ditches and channels linked to neighborhoods within Orange County.	Not Recommended	Benefits a localized area.	Orange County Drainage District	\$100,000	10	10	0	10	10	0	10	10
17	7.15	City of Jasper Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	Primary	n/a	City of Jasper	\$440,000	10	10	10	10	8	0	3	5

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18	7.15	Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County	H&H Study to analyze most efficient alternatives for dredging, widening, or otherwise improving culverts and railroad trestles within Orange County.	Not Recommended	Study to potentially be completed as part of Lower Sabine FIF	Orange County Drainage District	\$150,000	10	10	10	0	10	0	10	5
19	6.85	South Park Diversion	H&H study to identify alternatives for a diversion to the Neches River.	Not Recommended	To be completed as part of ongoing study.	Jefferson County Drainage District 6	\$100,000	0	0	10	10	5	10	10	10
20	6.80	Hardin County Cooks Lake Road Bridge Elevation	H&H study to improve drainage along Cooks Lake Bridge.	Not Recommended	Benefits a localized area.	Hardin County	\$20,000	0	0	10	10	8	10	5	10
21	6.75	Delaware Diversion	Divert storm runoff out of Beaumont from the Hillebrandt watershed to the Neches River.	Not Recommended	To be completed as part of ongoing study.	Jefferson County Drainage District 6	\$500,000	10	0	10	10	5	10	10	0
22	6.55	Blanchette Diversion	H&H study to identify alternatives for a diversion to the Neches River.	Not Recommended	To be completed as part of ongoing study.	Jefferson County Drainage District 6	\$100,000	0	0	10	10	5	10	7	10
23	6.50	Mayhaw Lateral Improvements	Rectify negative impacts to properties downstream of IH-10 caused by additional drainage crossings	Not Recommended	To be completed as part of ongoing study.	Jefferson County Drainage District 6	\$2,200,000	0	10	10	10	8	10	3	0
24	6.35	Upper Johns Gulley Upgrade Drainage Channel	H&H study to identify alternatives for Upper Johns Gulley drainage improvements	Primary	n/a	Jefferson County Drainage District 7	\$100,000	0	0	10	10	5	10	5	10
25	6.10	City of Lumberton East Village Creek Parkway Drainage Improvements	H&H Study to identify alternatives for improving existing drainage of East Village Creek Parkway	Not Recommended	Benefits a localized area.	City of Lumberton	\$125,000	0	10	10	0	2	10	5	10
26	6.10	Houston Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	Not Recommended	Study potentially already funded.	Jefferson County Drainage District 7	\$250,000	0	0	10	10	0	10	10	10
27	5.90	City of Lumberton Adler Ditch Drainage Improvements	H&H Study to identify alternatives for improving existing drainage of Adler Ditch	Not Recommended	Benefits a localized area.	City of Lumberton	\$100,000	0	0	10	10	2	10	5	10
28	5.90	Central - Upgrade Pumping Equipment and Structure	H&H study to size pump upgrades and improve existing level of service.	Not Recommended	Study potentially already funded.	Jefferson County Drainage District 7	\$100,000	0	0	10	10	2	10	5	10
29	5.90	Rodair Lateral 5 Detention Pond Excavation	H&H study to identify additional detention required to expand existing level of service	Not Recommended	Study potentially already funded.	Jefferson County Drainage District 7	\$100,000	0	0	10	10	2	10	5	10
30	5.70	City of Lumberton Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	Not Recommended	Too large (cost/schedule) to completed with available Task 12 budget	City of Lumberton	\$380,000	0	10	10	0	8	10	5	0
31	5.60	City of Lumberton Drainage Chance Cut Off Concrete Lining	H&H Study to identify alternatives for improving existing drainage of Chance Cut Off	Not Recommended	Benefits a localized area.	City of Lumberton	\$50,000	0	0	10	10	0	10	5	10
32	5.60	Beauxart Gardens Central Ditch Improvements	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of widening those channels to increase the runoff capacity – upgrading/enlarging road crossings to reduce out of bank flooding.	Secondary	n/a	Jefferson County Drainage District 7	\$50,000	0	0	10	10	0	10	5	10
33	5.60	Delmar Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	Not Recommended	Study potentially already funded.	Jefferson County Drainage District 7	\$100,000	0	0	10	10	0	10	5	10
34	5.60	DeQueen Additional Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	Not Recommended	Study potentially already funded.	Jefferson County Drainage District 7	\$100,000	0	0	10	10	0	10	5	10

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35	5.60	Lakeview Additional Pumping	H&H study to size pump upgrades and improve existing level of service.	Not Recommended	Study potentially already funded.	Jefferson County Drainage District 7	\$100,000	0	0	10	10	0	10	5	10
36	5.60	Shreveport Additional Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	Not Recommended	Study potentially already funded.	Jefferson County Drainage District 7	\$100,000	0	0	10	10	0	10	5	10
37	5.60	Stadium Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	Not Recommended	Study potentially already funded.	Jefferson County Drainage District 7	\$100,000	0	0	10	10	0	10	5	10
38	5.60	Star Lake Upgrade Pumping Equipment	H&H study to size pump upgrades and improve existing level of service.	Not Recommended	Study potentially already funded.	Jefferson County Drainage District 7	\$100,000	0	0	10	10	0	10	5	10
39	5.45	City of Silsbee Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	Not Recommended	Too large (cost/schedule) to completed with available Task 12 budget	City of Silsbee	\$320,000	10	10	10	0	5	0	7	0
40	4.80	City of Vidor Schoolhouse Ditch Alternative B	H&H study to identify alternatives for Schoolhouse Ditch	Secondary	n/a	City of Vidor	\$100,000	0	10	0	10	2	0	10	10
41	4.80	City of Vidor Schoolhouse Ditch Alternative C	H&H study to identify alternatives for Schoolhouse Ditch	Secondary	n/a	City of Vidor	\$100,000	0	10	0	10	2	0	10	10
42	4.55	City of Nacogdoches Flood Mitigation Project	H&H study to mitigate the wide-spread flooding that occurs along LaNana and Banita Creeks in the City of Nacogdoches	Secondary	n/a	City of Nacogdoches	\$100,000	10	0	0	10	8	0	5	5
43	4.20	Liberty County Culvert Replacement Project	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of increasing culvert size in identified flood hazard problem areas within Liberty County.	Not Recommended	Lack of culvert information available to complete study.	Liberty County	\$500,000	10	0	0	10	10	0	5	0
44	4.00	Liberty County Recanalization Feasibility Study	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of dechannelizing existing feeder creeks that flow from north to south and improve drainage for storm water runoff.	Secondary	n/a	Liberty County	\$130,000	10	0	0	10	10	0	3	0
45	3.90	City of Lufkin Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	Not Recommended	Too large (cost/schedule) to completed with available Task 12 budget	City of Lufkin	\$1,000,000	10	10	0	0	8	0	3	0
46	3.70	City of Nacogdoches Update Flood Control Study	Conduct Flood Control Study and implement actions such as channelization, detention, retention, etc to stop repetitive flood losses.	Not Recommended	Too large (cost/schedule) to completed with available Task 12 budget	City of Nacogdoches	\$1,080,000	10	0	0	10	8	0	3	0
47	3.65	City of Nederland Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	Not Recommended	Too large (cost/schedule) to completed with available Task 12 budget	City of Nederland	\$240,000	10	0	0	0	5	10	5	0
48	3.35	City of Daisetta Drainage Projects	Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of drainage improvements throughout the city to include widening culverts and ditches.	Not Recommended	Too large (cost/schedule) to completed with available Task 12 budget	City of Daisetta	\$150,000	0	0	0	10	0	10	5	5
49	2.45	City of Whitehouse Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	Not Recommended	Too large (cost/schedule) to completed with available Task 12 budget	City of Whitehouse	\$150,000	0	10	0	0	2	0	3	5
50	1.05	City of Rusk Master Drainage Plan	Perform H&H modeling to identify and define flood risk, develop conceptual alternatives to reduce flood risk, develop OPCC for conceptual alternatives, and rank projects. Conceptual alternatives should evaluate feasibility of nature based solutions.	Not Recommended	Too large (cost/schedule) to completed with available Task 12 budget	City of Rusk	\$280,000	0	0	0	0	5	0	3	0