

**PRELIMINARY DRAFT**

# **2018 BOND PROPOSED PROJECTS**

**FRIDAY, JUNE 1, 2018**

Version 2018-06-01-0900

**Section 1 – List of Projects (PDF pages 2-10)**

**Section 2 – Watershed Maps (PDF pages 11-34)**

**PRELIMINARY DRAFT**

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**2018 BOND PROPOSED PROJECT LIST**





















FRIDAY, JUNE 1, 2018
























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<b>WATERSHED</b>	<b>PAGE NUMBER</b>	<b>WATERSHED</b>	<b>PAGE NUMBER</b>
Addicks Reservoir	1	Halls Bayou	5-6
Armand Bayou	1-2	Hunting Bayou	6
Barker Reservoir	2	Jackson Bayou	6
Brays Bayou	2	Little Cypress Creek	6
Buffalo Bayou	2	Luce Bayou	7
Carpenters Bayou	3	San Jacinto River	7
Cedar Bayou	3	Sims Bayou	7
Clear Creek	3-4	Spring Creek	7-8
Cypress Creek	4	Vince Bayou	8
Galveston Bay	4	White Oak Bayou	8
Goose Creek	4	Willow Creek	8
Greens Bayou	4-5	Countywide	9
























**PRELIMINARY DRAFT**

2018 Bond - HCFCD Proposed Project List

WATERSHED	TYPE	Icon	MAP ID	PROJECT ID	TITLE	PRECINCT	LOCAL ONLY	GRANT TOTAL COST	PARTNER SHARE	LOCAL MATCH	DESCRIPTION OF BENEFITS
Addicks Reservoir	Partnership		C-36	U101-00-00-FP001	Right-Of-Way Acquisition, Design and Construction of Channel Conveyance Improvements and Bypass Channel for South Mayde Creek	3	\$ -	\$ 10,000,000	\$ 9,000,000	\$ 1,000,000	The South Mayde Creek project could reduce the risk of flooding for over 70 structures and the 1% floodplain is removed from an estimated 19 miles of roads near several schools.
Addicks Reservoir	Partnership		C-37	U500-01-00-E001	Design and Construction of Little York Stormwater Detention Basin	4	\$ -	\$ 3,000,000	\$ 2,500,000	\$ 500,000	Project would provide additional stormwater detention in support of flood damage reduction in Addicks Reservoir Watershed.
Addicks Reservoir	Partnership		C-38	U520-01-00-E001	Design and Construction of Dinner Creek Stormwater Detention Basin	4	\$ -	\$ 15,000,000	\$ 11,250,000	\$ 3,750,000	Project would provide additional stormwater detention in support of flood damage reduction in Addicks Reservoir Watershed.
Addicks Reservoir	Partnership		C-40	U100-SECTION-216	Corps of Engineers Section 216 Study - Addicks and Barker Reservoirs	Countywide	\$ -	\$ 750,000	\$ 375,000	\$ 375,000	This study partnership with the Corps of Engineers will evaluate the effectiveness and operation of the Addicks and Barker Reservoirs.
Addicks Reservoir	Partnership		C-46	U101-00-00-FP002	Right-Of-Way Acquisition, Design and Construction of a Stormwater Detention Basin on South Mayde Creek	3	\$ -	\$ 16,000,000	\$ 14,400,000	\$ 1,600,000	This project will reduce the risk of flooding along South Mayde Creek.
Addicks Reservoir	Partnership		C-47	U101-00-00-FP003	Design and Construction of a Bridge Replacement for Greenhouse Road at South Mayde Creek	3	\$ -	\$ 15,000,000	\$ 13,500,000	\$ 1,500,000	This project will reduce the risk of flooding along South Mayde Creek.
Addicks Reservoir	Partnership		C-48	U101-00-00-FP004	Right-Of-Way Acquisition, Design and Construction of a Stormwater Detention Basin on South Mayde Creek near the Grand Parkway	3	\$ -	\$ 94,000,000	\$ 84,600,000	\$ 9,400,000	This project will reduce the risk of flooding along South Mayde Creek.
Addicks Reservoir	Local		F-53	U100-00-00-DESILT	Rehabilitation of Channels Upstream of Addicks Reservoir to Restore Channel Conveyance Capacity	Countywide	\$ 30,000,000	\$ -	\$ -	\$ -	Needed repairs to restore channel conveyance capacity.
Addicks Reservoir	Local		F-54	U100-00-00-E008	Right-Of-Way Acquisition, Design and Construction of Control Structures and Stormwater Quality Features for the Upper Langham Creek Program	3	\$ 10,000,000	\$ -	\$ -	\$ -	The Upper Langham Creek project could remove the 1% floodplain from all structures in the Upper Langham Creek watershed.
Addicks Reservoir	Local		F-55	U102-00-00-FP001	Planning, Right-Of-Way Acquisition, Design, and Construction for Ultimate Conveyance on Bear Creek	3	\$ 25,000,000	\$ -	\$ -	\$ -	The project could reduce the risk of flooding for over 30 structures in the 1% floodplain and create depth for more effective drainage.
Addicks Reservoir	Local		F-56	U500-00-00-FP002	Right-Of-Way Acquisition, Design, and Construction of a Retention Area	4	\$ 15,000,000	\$ -	\$ -	\$ -	Provides regional retention in accordance w/ Cypress Creek Overflow Guidelines
Addicks Reservoir	Local		F-83	U500-North-JPL	Right-Of-Way Acquisition, Design and Construction of a Stormwater Detention Basin North of John Pauls Landing for the Upper Langham Creek Program	3	\$ 21,000,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding along Upper Langham Creek.
Addicks Reservoir	Local		F-84	U102-12-00-FP	Design and Construction of Secondary Outfall for John Pauls Landing for the Upper Langham Creek Program	3	\$ 5,000,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding along Upper Langham Creek.
Addicks Reservoir	Local		F-86	U-USACE-DESILT	Rehabilitation of Channels Inside of Addicks Reservoir to Restore Channel Conveyance Capacity	3	\$ 10,000,000	\$ -	\$ -	\$ -	Needed repairs to restore channel conveyance capacity. Partnership project with USACE with HCFCD providing project funding.
Addicks Reservoir	Local			U700-00-00-FP001	Right-Of-Way Acquisition, Design, and Construction of Wetland Mitigation Bank	3 & 4	\$ 20,000,000	\$ -	\$ -	\$ -	Restoration and enhancement of wetlands to create credits for wetland mitigation supporting construction of District projects.
Addicks Reservoir	Storm Repair			U-NRCS	Storm Repairs in Addicks Reservoir Watershed	3 & 4	\$ -	\$ 19,056,000	\$ 15,245,000	\$ 3,811,000	Approximately 158 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Addicks Reservoir	Subdivision Drainage Improvement			U-ENG	Addicks Reservoir Subdivision Drainage Improvements	3 & 4	\$ -	\$ 74,640,000	\$ 55,980,000	\$ 18,660,000	Design and construction of these projects could reduce the risk of flooding for over 6,200 homes during a 1% rain or flood event.
Armand Bayou	Partnership		C-06	B112-02-00-404	Design and Construction of B112-02-00 Channel Conveyance Improvements	2	\$ -	\$ 15,000,000	\$ 11,250,000	\$ 3,750,000	Provides general drainage improvements along B112-02-00
Armand Bayou	Partnership		C-07	B509-04-00-E00X	Design and Construction of the Red Bluff Regional Stormwater Detention Basin	2	\$ -	\$ 15,000,000	\$ 11,250,000	\$ 3,750,000	Construction of this stormwater detention basin will reduce the risk of flooding in the Armand Bayou watershed.
Armand Bayou	Partnership		C-44	B100-RESTORE	Floodplain Right-Of-Way Acquisition in Armand Bayou	2	\$ -	\$ 4,000,000	\$ 2,000,000	\$ 2,000,000	Acquisition of Right-Of-Way along Armand Bayou to preserve channel conveyance and / or restore natural floodplains in areas subject to frequent flooding.























WATERSHED	TYPE	Icon	MAP ID	PROJECT ID	TITLE	PRECINCT	LOCAL ONLY	GRANT TOTAL COST	PARTNER SHARE	LOCAL MATCH	DESCRIPTION OF BENEFITS
Armand Bayou	Local		F-05	B104-00-00-FP	Planning, Right-Of-Way, Design and Construction of Conveyance Improvements along Horsepen Bayou	2	\$ 2,500,000	\$ -	\$ -	\$ -	Project could reduce the risk of flooding for structures in the watershed.
Armand Bayou	Local		F-72	B513-02-00-FP	Design and Construction of the Baywood Stormwater Detention Basin	2	\$ 2,000,000	\$ -	\$ -	\$ -	Construction of additional volume in this stormwater detention basin will help reduce the risk of flooding along Armand Bayou.
Armand Bayou	Buyout			B100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	2	\$ -	\$ 6,200,000	\$ 4,650,000	\$ 1,550,000	Purchase of approximately 30 buildings.
Armand Bayou	Storm Repair			B-NRCS	Storm Repairs in Armand Bayou Watershed	2	\$ -	\$ 174,000	\$ 139,000	\$ 35,000	Approximately 18 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Barker Reservoir	Partnership		C-49	T100-SECTION-216	Corps of Engineers Section 216 Study - Addicks and Barker Reservoirs	Countywide	\$ -	\$ 750,000	\$ 375,000	\$ 375,000	This study partnership with the Corps of Engineers will evaluate the effectiveness and operation of the Addicks and Barker Reservoirs.
Barker Reservoir	Local		F-52	T100-00-00-DESILT	Rehabilitation of Approximately 20 Miles of Channels Upstream of Barker Reservoir to Restore Channel Conveyance Capacity	3	\$ 30,000,000	\$ -	\$ -	\$ -	Needed repairs to restore channel conveyance capacity.
Barker Reservoir	Local		F-87	T-USACE-DESILT	Rehabilitation of Channels Inside of Barker Reservoir to Restore Channel Conveyance Capacity	3	\$ 10,000,000	\$ -	\$ -	\$ -	Needed repairs to restore channel conveyance capacity. Partnership project with USACE with HCFCD providing project funding.
Barker Reservoir	Storm Repair			T-NRCS	Storm Repairs in Barker Reservoir Watershed	3	\$ -	\$ 2,224,000	\$ 1,779,000	\$ 445,000	Approximately 63 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Barker Reservoir	Subdivision Drainage Improvement			T-ENG	Barker Reservoir Subdivision Drainage Improvements	3	\$ -	\$ 33,170,000	\$ 24,877,500	\$ 8,292,500	Design and construction of these projects could reduce the risk of flooding for over 1,800 homes during a 1% rain or flood event.
Brays Bayou	Partnership		C-11	D100-00-00-USACE	Design and Construction of Project Brays Corps of Engineers (Section 211(f) Project)	1, 2, & 3	\$ -	\$ 130,000,000	\$ 70,000,000	\$ 60,000,000	The 1% floodplain could be removed from up to 15,000 structures.
Brays Bayou	Partnership		C-12	D111-00-00-404	Right-Of-Way, Design and Construction of Conveyance Improvements along Poor Farm Ditch	3	\$ -	\$ 18,000,000	\$ 13,500,000	\$ 4,500,000	The project could reduce the risk of flooding for over 270 structures in the 1% floodplain.
Brays Bayou	Partnership		C-13	D133-00-00-404	Right-Of-Way, Design and Construction of Conveyance Improvements along Bintliff Ditch	3	\$ -	\$ 30,000,000	\$ 22,500,000	\$ 7,500,000	The project could reduce the risk of flooding for over 720 structures in the 1% floodplain.
Brays Bayou	Local		F-07	D118-00-00-FP001	Planning, Right-Of-Way Acquisition, Design, and Construction of Channel Conveyance Improvements on Keegans Bayou	1	\$ 32,500,000	\$ -	\$ -	\$ -	Right-of-Way Acquisition, Design and construction of this project could reduce the risk flooding for over 900 structures in the 1% floodplain.
Brays Bayou	Local		F-08	D140-00-00-FP001	Right-Of-Way Acquisition, Design, and Construction of Channel Conveyance Improvements on Fondren Diversion Channel	1	\$ 30,500,000	\$ -	\$ -	\$ -	Right-of-Way Acquisition, Design and construction of this project could reduce the risk of flooding for over 400 structures in the 1% floodplain.
Brays Bayou	Buyout			D100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	3	\$ -	\$ 11,600,000	\$ 8,700,000	\$ 2,900,000	Purchase of approximately 40 buildings.
Brays Bayou	Storm Repair			D-NRCS	Storm Repairs in Brays Bayou Watershed	1, 2, & 3	\$ -	\$ 579,000	\$ 463,000	\$ 116,000	Approximately 24 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Buffalo Bayou	Local		F-58	W100-00-00-LIN	Construction of Linear Detention on Buffalo Bayou	3	\$ 10,000,000	\$ -	\$ -	\$ -	Reduce the risk of flooding along Buffalo Bayou with construction of additional stormwater detention volume on land already owned by the District.
Buffalo Bayou	Local		F-59	W140-00-00-X005	Spring Branch Creek Stabilization	3	\$ 4,000,000	\$ -	\$ -	\$ -	Funding needed for completion of project construction maintaining channel conveyance around Memorial Drive.
Buffalo Bayou	Local		F-79	W157-00-00-GEN	Planning, Right-Of-Way Acquisition, Design and Construction Along W157-00-00	3	\$ 10,000,000	\$ -	\$ -	\$ -	Could reduce the risk of flooding and could improve local drainage issues for buildings along the channel.
Buffalo Bayou	Local		F-80	W141-00-00-GEN	Planning, Right-Of-Way Acquisition, Design and Construction Along Soldiers Creek	3	\$ 10,000,000	\$ -	\$ -	\$ -	Could reduce the risk of flooding and could improve local drainage issues for buildings along the channel.
Buffalo Bayou	Local		F-81	W153-00-00-GEN	Planning, Right-Of-Way Acquisition, Design and Construction Along W153-00-00	3	\$ 10,000,000	\$ -	\$ -	\$ -	Could reduce the risk of flooding and could improve local drainage issues for buildings along the channel.
Buffalo Bayou	Local		F-82	W100-COMMERCE	Demolition of Structure	2	\$ 2,000,000	\$ -	\$ -	\$ -	Improving the channel conveyance along Buffalo Bayou near downtown Houston.
Buffalo Bayou	Storm Repair			W-NRCS	Storm Repairs in Buffalo Bayou Watershed	1, 3, & 4	\$ -	\$ 5,890,000	\$ 4,712,000	\$ 1,178,000	Approximately 61 repair projects of erosion and infrastructure identified after Hurricane Harvey.

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Carpenters Bayou	Storm Repair			N-NRCS	Storm Repairs in Carpenters Bayou Watershed	1 & 2	\$ -	\$ 58,000	\$ 46,000	\$ 12,000	Approximately 16 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Carpenters Bayou	Subdivision Drainage Improvement			N-ENG	Carpenters Bayou Subdivision Drainage Improvements	1 & 2	\$ -	\$ 560,000	\$ 420,000	\$ 140,000	Design and construction of these projects could reduce the risk of flooding for over 200 homes during a 1% rain or flood event.
Cedar Bayou	Local		F-41	Q122-00-00-FP	Right-of-Way Acquisition, Design and Construction of Channel Conveyance Improvements along Clawson Ditch and Q124-00-00	2	\$ 19,000,000	\$ -	\$ -	\$ -	The 1% floodplain could be reduced in size from approximately 2,700 acres to less than 800 acres.
Cedar Bayou	Local		F-42	Q114-00-00-FP	Right-of-Way Acquisition, Design and Construction of Channel Conveyance Improvements along Magee Gully	2	\$ 33,000,000	\$ -	\$ -	\$ -	The 1% floodplain could be reduced in size.
Cedar Bayou	Local		F-43	Q128-00-00-FP	Right-of-Way Acquisition, Design and Construction of Channel Conveyance Improvements along Adlong Ditch	2	\$ 23,000,000	\$ -	\$ -	\$ -	The 1% floodplain could be reduced in size from approximately 2,300 acres to less than 200 acres.
Cedar Bayou	Local		F-44	Q130-00-00-FP	Right-of-Way Acquisition, Design and Construction of Channel Conveyance Improvements along Q130-00-00	2	\$ 18,000,000	\$ -	\$ -	\$ -	The 1% floodplain could be reduced in size from approximately 1,100 acres to less than 100 acres.
Cedar Bayou	Local		F-45	Q134-00-00-FP	Planning, Right-Of-Way Acquisition, Design and Construction of Channel Conveyance Improvements on Q134-00-00	2	\$ 11,000,000	\$ -	\$ -	\$ -	The 1% floodplain could be reduced in size.
Cedar Bayou	Local		F-46	Q500-01-00-FP	Design and Construction of the Q500-01 Stormwater Detention Basin	2	\$ 26,000,000	\$ -	\$ -	\$ -	The 1% floodplain could be reduced in size.
Cedar Bayou	Local		F-47	Q500-CWA	Right-Of-Way Acquisition, Design and Construction of Stormwater Detention Basins near Coastal Water Authority canals and IH 10	2	\$ 23,000,000	\$ -	\$ -	\$ -	The 1% floodplain could be reduced in size.
Cedar Bayou	Local		F-48	Q700-01-00-Y001	Design and Construction of Crosby Eastgate Environmental Mitigation Bank	2	\$ 1,000,000	\$ -	\$ -	\$ -	Restoration and enhancement of wetlands to create credits for wetland mitigation supporting construction of District projects.
Cedar Bayou	Local		F-68	Q134-01-00-FP	Right-Of-Way Acquisition, Design and Construction of channel conveyance improvements on Q134-01-00 - Part of the Upstream Cedar Bayou Project	2	\$ 11,000,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding along upper Cedar Bayou.
Cedar Bayou	Local		F-69	Q136-00-00-FP	Right-Of-Way Acquisition, Design and Construction of channel conveyance improvements on Q136-00-00 - Part of the Upstream Cedar Bayou Project	2	\$ 10,500,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding along upper Cedar Bayou.
Cedar Bayou	Local		F-70	Q100-00-00-FP	Upstream Cedar Bayou Project - Right-Of-Way Acquisition, Design and Construction of channel conveyance improvements and stormwater detention basin Upstream of FM 1960	2	\$ 74,000,000	\$ -	\$ -	\$ -	The 1% floodplain could be reduced in size from approximately 1,500 acres to less than 100 acres.
Cedar Bayou	Buyout			Q100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	2	\$ -	\$ 600,000	\$ 450,000	\$ 150,000	Purchase of several buildings.
Cedar Bayou	Storm Repair			Q-NRCS	Storm Repairs in Cedar Bayou Watershed	2	\$ -	\$ 125,000		\$ 25,000	Approximately 8 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Cedar Bayou	Subdivision Drainage Improvement			Q-ENG	Cedar Bayou Subdivision Drainage Improvements	2	\$ -	\$ 2,000,000	\$ 1,500,000	\$ 500,000	Design and construction of these projects could reduce the risk of flooding for over 100 homes during a 1% rain or flood event.
Clear Creek	Partnership		C-03	A100-00-00-USACE	Design and Construction of Corps of Engineers Clear Creek Federal Flood Risk Management Project	1 & 2	\$ -	\$ 200,000,000	\$ 130,000,000	\$ 70,000,000	The 1% floodplain could be removed from up to 2,100 structures.
Clear Creek	Partnership		C-05	A520-03-00-FP	Construction of South Belt Stormwater Detention Basin and Channel Conveyance Improvements Along Halls Road Ditch (A120-00-00)	1	\$ -	\$ 15,950,000	\$ 11,962,500	\$ 3,987,500	Complements the Clear Creek Federal Project that could reduce the risk of flooding for over 2,100 structures
Clear Creek	Local		F-01	A135-00-00-FP001	Right-Of-Way Acquisition, Design, and Construction of Channel Conveyance Improvements on A135-00-00	1	\$ 2,500,000	\$ -	\$ -	\$ -	Could reduce the risk of flooding and could improve local drainage issues for over 350 buildings.

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Clear Creek	Local		F-02	A500-04-00-FP001	Design and Construction of Hughes Stormwater Detention Basin	1	\$ 6,100,000	\$ -	\$ -	\$ -	Complements the Clear Creek Federal Project that could reduce the risk of flooding for over 2,100 structures
Clear Creek	Local		F-03	A500-08-00-E001	Design and Construction of Dagg Road Stormwater Detention Basin	1	\$ 7,400,000	\$ -	\$ -	\$ -	Complements the Clear Creek Federal Project that could reduce the risk of flooding for over 2,100 structures
Clear Creek	Local		F-76	A700-01-WMB	Identification, Design and Construction of the A700-01 Environmental Mitigation Bank	1 & 2	\$ 6,000,000	\$ -	\$ -	\$ -	Restoration and enhancement of wetlands to create credits for wetland mitigation supporting construction of District projects.
Clear Creek	Local		F-90	A104-CONV	Restore Channel Conveyance Capacity on A104-00-00	2	\$ 5,000,000	\$ -	\$ -	\$ -	Needed repairs to restore channel conveyance capacity.
Clear Creek	Buyout			A100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	1	\$ -	\$ 38,800,000	\$ 29,100,000	\$ 9,700,000	Purchase of approximately 170 buildings.
Clear Creek	Storm Repair			A-NRCS	Storm Repairs in Clear Creek Watershed	1 & 2	\$ -	\$ 553,000	\$ 442,000	\$ 111,000	Approximately 36 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Clear Creek	Subdivision Drainage Improvement			A-ENG	Clear Creek Subdivision Drainage Improvements	1 & 2	\$ -	\$ 12,060,000	\$ 9,045,000	\$ 3,015,000	Design and construction of these projects could reduce the risk of flooding for over 900 homes during a 1% rain or flood event.
Cypress Creek	Local		F-20	K100-00-00-R004	Cypress Creek Floodplain Right-of-Way Acquisition	3 & 4	\$ 100,000,000	\$ -	\$ -	\$ -	Acquisition of Right-Of-Way along Cypress Creek to preserve channel conveyance and / or restore natural floodplains in areas subject to frequent flooding.
Cypress Creek	Local		F-21	K129-00-00-X007	Restore Channel Conveyance Capacity on K129-00-00	4	\$ 4,800,000	\$ -	\$ -	\$ -	Needed repairs to restore channel conveyance capacity.
Cypress Creek	Local		F-22	K140-00-00-X015	Restore Channel Conveyance Capacity Along Pillot Gully	4	\$ 2,200,000	\$ -	\$ -	\$ -	Needed repairs to restore channel conveyance capacity.
Cypress Creek	Local		F-23	K163-00-00-E001	Construction of Channel Conveyance Improvements Along K163-00-00	3	\$ 3,000,000	\$ -	\$ -	\$ -	Provides joint-benefits of facilitating local drainage improvements and reducing the risk of flooding along the channel.
Cypress Creek	Local		F-24	K700-01-WMB	Identification, Design and Construction of the K700-02 Environmental Mitigation Bank	3	\$ 9,300,000	\$ -	\$ -	\$ -	Restoration and enhancement of wetlands to create credits for wetland mitigation supporting construction of District projects.
Cypress Creek	Local		F-88	K500-CONV	Design and Construction of Stormwater Detention Basins in Large Buyout Areas	4	\$ 25,000,000	\$ -	\$ -	\$ -	Design and Construction of stormwater detention basins in large areas of complete buyout could reduce the risk of flooding in the area.
Cypress Creek	Buyout			K100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	3 & 4	\$ -	\$ 187,300,000	\$ 140,475,000	\$ 46,825,000	Purchase of approximately 450 buildings.
Cypress Creek	Storm Repair			K-NRCS	Storm Repairs in Cypress Creek Watershed	1, 3, & 4	\$ -	\$ 21,186,000	\$ 16,949,000	\$ 4,237,000	Approximately 196 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Cypress Creek	Subdivision Drainage Improvement			K-ENG	Cypress Creek Subdivision Drainage Improvements	1, 3, & 4	\$ -	\$ 134,940,000	\$ 101,205,000	\$ 33,735,000	Design and construction of these projects could reduce the risk of flooding for over 3,800 homes during a 1% rain or flood event.
Galveston Bay	Buyout			F100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	2	\$ -	\$ 200,000	\$ 150,000	\$ 50,000	Purchase of several buildings.
Goose Creek	Local		F-39	O200-00-00-FP001	Planning, Right-Of-Way Acquisition, Design, and Construction of Channel Conveyance Improvements on Spring Gully	2	\$ 25,000,000	\$ -	\$ -	\$ -	The project could reduce the risk of flooding for over 220 structures in the 1% floodplain.
Goose Creek	Buyout			O100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	2	\$ -	\$ 200,000	\$ 150,000	\$ 50,000	Purchase of several buildings.
Goose Creek	Subdivision Drainage Improvement			O-ENG	Spring Gully & Goose Creek Subdivision Drainage Improvements	2	\$ -	\$ 2,560,000	\$ 1,920,000	\$ 640,000	Design and construction of these projects could reduce the risk of flooding for over 300 homes during a 1% rain or flood event.
Greens Bayou	Partnership		C-20	P100-00-00-FP	Mid-Reach Greens Bayou Project - Design and Construction of Channel Conveyance Improvements along Greens Bayou	1 & 2	\$ -	\$ 20,000,000	\$ 18,000,000	\$ 2,000,000	Project could reduce the risk of flooding for over 720 structures in the 10% floodplain.
Greens Bayou	Partnership		C-31	P133-00-00-Y003	Design and Construction of the Smith Road Channel Diversion	4	\$ -	\$ 8,000,000	\$ 7,200,000	\$ 800,000	This project could reduce the risk of flooding for over 440 buildings along P133-00-00 and secondary benefits could include reduced erosion.
Greens Bayou	Partnership		C-32	P500-02-00-FP001	Design and Construction of the Cutten Road Basin	4	\$ -	\$ 15,000,000	\$ 13,500,000	\$ 1,500,000	This project could reduce the risk of flooding in the Greens Bayou watershed.























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Greens Bayou	Partnership	+	C-33	P500-04-00-FP	Design and Construction of Aldine-Westfield Stormwater Detention Basin Improvements	1	\$ -	\$ 15,100,000	\$ 13,590,000	\$ 1,510,000	This project could reduce the risk of flooding in the Greens Bayou watershed.
Greens Bayou	Partnership	+	C-34	P500-06-00-E003/4	Design and Construction of Lauder Stormwater Detention Basin Improvements	2	\$ -	\$ 16,000,000	\$ 14,400,000	\$ 1,600,000	This project could reduce the risk of flooding in the Greens Bayou watershed.
Greens Bayou	Partnership	+	C-43	P138-01-01-FP	Potential CDBG-DR (2017) - Planning, Right-of-Way Acquisition, Design and Construction of Channel Conveyance Improvements along P138-01-01	2	\$ -	\$ 5,000,000	\$ 5,000,000	\$ -	Potential federal funded project, the risk of flooding could be reduced for approximately 100 buildings.
Greens Bayou	Local	●	F-40	P500-01-00-E001	Repairs and Enhancements to the Lower Greens Bayou Regional Detention Embankment and Control Structure	1	\$ 5,000,000	\$ -	\$ -	\$ -	Needed repairs of existing detention facilities in Lower Greens Bayou.
Greens Bayou	Buyout	★		P100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	1 & 2	\$ -	\$ 97,900,000	\$ 73,425,000	\$ 24,475,000	Purchase of approximately 810 buildings.
Greens Bayou	Storm Repair	▲		P-NRCS	Storm Repairs in Greens Bayou Watershed	1, 2, & 4	\$ -	\$ 8,406,000	\$ 6,725,000	\$ 1,681,000	Approximately 176 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Greens Bayou	Subdivision Drainage Improvement	◆		P-ENG	Greens Bayou Subdivision Drainage Improvements	1, 2, & 4	\$ -	\$ 113,490,000	\$ 85,117,500	\$ 28,372,500	Design and construction of these projects could reduce the risk of flooding for over 10,900 homes during a 1% rain or flood event.
Halls Bayou	Partnership	+	C-01	P518-26-00-FP	CDBG-DR (2015) - Construction of P518-26 Stormwater Detention Basin	2	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	Provides additional stormwater detention in support of flood damage reduction in Halls Bayou Watershed
Halls Bayou	Partnership	+	C-02	P518-ALDINE-CDBG	CDBG-DR (2016) - Aldine Westfield Stormwater Detention Basin and Channel	2	\$ -	\$ 14,000,000	\$ 10,000,000	\$ 4,000,000	Provides joint-benefits of facilitating local drainage improvements and could reduce the risk of flooding for over 50 structures.
Halls Bayou	Partnership	+	C-21	P118-USACE-STUDY	Local Cost Share for Corps of Engineers Halls Bayou Study	1, 2, & 4	\$ -	\$ 3,000,000	\$ 1,500,000	\$ 1,500,000	Effort will identify a project for right-of-way acquisition, design, and construction that could reduce the risk of flooding for over 2,800 structures in the 1% floodplain.
Halls Bayou	Partnership	+	C-23	P118-08-00-FP	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-08-00	1, 2, & 4	\$ -	\$ 25,000,000	\$ 22,500,000	\$ 2,500,000	This project could reduce the risk of flooding for over 210 buildings and could reduce the 1% floodplain for over 170 acres
Halls Bayou	Partnership	+	C-24	P118-09-00-FP	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-09-00	1	\$ -	\$ 12,000,000	\$ 10,800,000	\$ 1,200,000	This project could reduce the risk of flooding for over 200 buildings and could reduce the 1% floodplain for over 160 acres
Halls Bayou	Partnership	+	C-25	P118-21-00-FP	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-21-00	2	\$ -	\$ 14,000,000	\$ 12,600,000	\$ 1,400,000	This project could reduce the risk of flooding for over 90 buildings and could reduce the 1% floodplain for over 100 acres
Halls Bayou	Partnership	+	C-26	P118-23-00-FP	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-23-00	1	\$ -	\$ 16,000,000	\$ 14,400,000	\$ 1,600,000	This project could reduce the risk of flooding for over 280 buildings and could reduce the 1% floodplain for over 270 acres
Halls Bayou	Partnership	+	C-27	P118-23-02-FP	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-23-02	1	\$ -	\$ 12,000,000	\$ 10,800,000	\$ 1,200,000	This project could reduce the risk of flooding for over 100 buildings and could reduce the 1% floodplain for over 160 acres
Halls Bayou	Partnership	+	C-28	P118-25-00-FP	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-25-00	2	\$ -	\$ 18,000,000	\$ 16,200,000	\$ 1,800,000	This project could reduce the risk of flooding for over 20 buildings and could reduce the 1% floodplain for over 70 acres
Halls Bayou	Partnership	+	C-29	P118-25-01-FP	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-25-01	2	\$ -	\$ 6,000,000	\$ 5,400,000	\$ 600,000	This project could reduce the risk of flooding for over 150 buildings and could reduce the 1% floodplain for over 130 acres
Halls Bayou	Partnership	+	C-30	P118-27-00-FP	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-27-00	1	\$ -	\$ 12,000,000	\$ 10,800,000	\$ 1,200,000	This project could reduce the risk of flooding for over 140 buildings and could reduce the 1% floodplain for over 200 acres
Halls Bayou	Partnership	+	C-35	P518-10-00-FP001	Design and Construction of Stormwater Detention Basin and Associated Channel Improvements	1	\$ -	\$ 8,000,000	\$ 7,200,000	\$ 800,000	Provides additional stormwater detention in support of flood damage reduction in Halls Bayou Watershed
Halls Bayou	Partnership	+	C-41	P118-USACE-FP	Design and Construction of Corps of Engineers Halls Bayou Flood Risk Management Project	1, 2, & 4	\$ -	\$ 200,000,000	\$ 150,000,000	\$ 50,000,000	Design and construction of this project could reduce the risk of flooding for over 2,800 structures in the 1% floodplain.
Halls Bayou	Buyout	★		P118-HMGP	Federal Grant-Funded Volunteer Home Buyouts	1, 2, & 4	\$ -	\$ 137,500,000	\$ 103,125,000	\$ 34,375,000	Purchase of approximately 830 buildings.






















WATERSHED	TYPE	Icon	MAP ID	PROJECT ID	TITLE	PRECINCT	LOCAL ONLY	GRANT TOTAL COST	PARTNER SHARE	LOCAL MATCH	DESCRIPTION OF BENEFITS
Halls Bayou	Storm Repair			P118-NRCS	Storm Repairs in Halls Bayou Watershed	1 & 2	\$ -	\$ 5,571,000	\$ 4,457,000	\$ 1,114,000	Approximately 109 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Hunting Bayou	Partnership		C-18	H100-00-00-USACE	Design and Construction of Corps of Engineers Hunting Bayou, Section 211(f) Project	1	\$ -	\$ 80,000,000	\$ 70,000,000	\$ 10,000,000	The 1% floodplain could be removed from up to 4,450 structures.
Hunting Bayou	Local		F-16	H103-00-00-FP001	HCFCD Cost Share of Study with the City of Houston on Wallisville Outfall	1 & 2	\$ 500,000	\$ -	\$ -	\$ -	Study will investigate flooding problems and identify potential solutions to flooding problems along the H103-00-00 channel.
Hunting Bayou	Local		F-17	H103-00-00-FP002	Right-Of-Way Acquisition, Design and Construction of Wallisville Outfall	1 & 2	\$ 10,000,000	\$ -	\$ -	\$ -	The project could reduce the risk of flooding for over 140 structures in the 1% floodplain.
Hunting Bayou	Buyout			H100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	2	\$ -	\$ 11,700,000	\$ 8,775,000	\$ 2,925,000	Purchase of approximately 90 buildings.
Hunting Bayou	Storm Repair			H-NRCS	Storm Repairs in Hunting Bayou Watershed	1 & 2	\$ -	\$ 64,000	\$ 51,000	\$ 13,000	Approximately 9 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Jackson Bayou	Local		F-73	R100-00-00-GEN	Planning, Right-of-Way Acquisition, Design and Construction of General Drainage Improvements in Jackson Bayou Watershed	2	\$ 10,000,000	\$ -	\$ -	\$ -	To facilitate drainage improvements benefitting up to 4,200 structures.in the watershed.
Jackson Bayou	Subdivision Drainage Improvement			R-ENG	Jackson Bayou Subdivision Drainage Improvements	2	\$ -	\$ 3,000,000	\$ 2,250,000	\$ 750,000	Design and construction of these projects could reduce the risk of flooding for over 1,900 homes during a 1% rain or flood event.
Little Cypress Creek	Partnership		C-19	L100-CYPRESS-ROSEHILL	Frontier Program Downstream of Cypress Rosehill	3 & 4	\$ -	\$ 24,500,000	\$ 18,375,000	\$ 6,125,000	Investigations to develop and implement a masterplan for reducing the risk of flooding and regional infrastructure development in the lower end of the Little Cypress Creek watershed.
Little Cypress Creek	Local		F-26	L100-00-00-P002	Management, Right-of-Way Acquisition, Design and Construction of the Little Cypress Creek Frontier Program	3	\$ 25,950,000	\$ -	\$ -	\$ -	Implementation and construction of the Little Cypress Creek Frontier Program could remove the 1% floodplain for over 730 acres in the watershed.
Little Cypress Creek	Local		F-27	L500-01-00-E002	Design and Construction of Zube Park Stormwater Detention Basin	3	\$ 1,000,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding in the Little Cypress Creek watershed.
Little Cypress Creek	Local		F-28	L500-02-00-E001	Right-Of-Way Acquisition, Design, and Construction of Kluge Stormwater Detention Basin	4	\$ 11,000,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding in the Little Cypress Creek watershed.
Little Cypress Creek	Local		F-29	L500-06-00-E001	Right-Of-Way Acquisition, Design, and Construction of Mueschke East Stormwater Detention Basin	3	\$ 15,900,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding in the Little Cypress Creek watershed.
Little Cypress Creek	Local		F-30	L500-09-00-E001	Right-Of-Way Acquisition, Design, and Construction of Schiel Stormwater Detention Basin	3	\$ 16,000,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding in the Little Cypress Creek watershed.
Little Cypress Creek	Local		F-31	L500-10-00-E001	Construction of Mueschke West Stormwater Detention Basin Improvements	3	\$ 10,600,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding in the Little Cypress Creek watershed.
Little Cypress Creek	Local		F-32	L500-11-00-E001	Construction of Hegar Stormwater Detention Basin Improvements	3	\$ 11,800,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding in the Little Cypress Creek watershed.
Little Cypress Creek	Local		F-33	L512-01-00-E001	Construction of Kleb Woods Stormwater Detention Basin Improvements	3	\$ 3,700,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding in the Little Cypress Creek watershed.
Little Cypress Creek	Local		F-34	L512-03-00-E001	ROW, Design, and Construction of Mason Stormwater Detention Basin in Little Cypress Creek watershed	3	\$ 13,000,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding in the Little Cypress Creek watershed.
Little Cypress Creek	Local		F-35	L514-01-00-E003	Construction of Bauer-Hockley Stormwater Detention Basin Improvements	3	\$ 3,850,000	\$ -	\$ -	\$ -	This project will reduce the risk of flooding in the Little Cypress Creek watershed.
Little Cypress Creek	Local		F-89	L500-INC	Design and Construction of Additional Volume in Little Cypress Creek Stormwater Detention Basins	3 & 4	\$ 25,000,000	\$ -	\$ -	\$ -	Design and Construction of additional volume in existing stormwater detention basins to reduce the risk of flooding in the watershed.
Little Cypress Creek	Buyout			L100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	3 & 4	\$ -	\$ 9,400,000	\$ 7,050,000	\$ 2,350,000	Purchase of approximately 30 buildings.
Little Cypress Creek	Subdivision Drainage Improvement			L-ENG	Little Cypress Creek Subdivision Drainage Improvements	3 & 4	\$ -	\$ 14,590,000	\$ 10,942,500	\$ 3,647,500	Design and construction of these projects could reduce the risk of flooding for over 200 homes during a 1% rain or flood event.












2018 Bond - HCFCD Proposed Project List






WATERSHED	TYPE	Icon	MAP ID	PROJECT ID	TITLE	PRECINCT	LOCAL ONLY	GRANT TOTAL COST	PARTNER SHARE	LOCAL MATCH	DESCRIPTION OF BENEFITS
Luce Bayou	Local		F-51	S100-00-00-ROW	Luce Bayou Floodplain Right-of-Way Acquisition	2	\$ 10,000,000	\$ -	\$ -	\$ -	Acquisition of Right-Of-Way along Luce Bayou to preserve channel conveyance and / or restore natural floodplains in areas subject to frequent flooding.
Luce Bayou	Local		F-85	S100-00-00-GEN	Planning, Right-of-Way Acquisition, Design and Construction of General Drainage Improvements in Luce Bayou Watershed	2	\$ 10,000,000	\$ -	\$ -	\$ -	To facilitate drainage improvements benefitting up to 3,000 structures.in the watershed.
Luce Bayou	Storm Repair			S-NRCS	Storm Repairs in Luce Bayou Watershed	2	\$ -	\$ 70,000	\$ 56,000	\$ 14,000	Approximately 3 repair projects of erosion and infrastructure identified after Hurricane Harvey.
San Jacinto River	Partnership		C-17	G103-00-00-STUDY	San Jacinto River Watershed Study	1, 2, & 4	\$ -	\$ 2,500,000	\$ 1,875,000	\$ 625,000	Study will investigate flooding problems and identify potential solutions to flooding from the San Jacinto River.
San Jacinto River	Partnership		C-50	G103-00-00-JOINT	Partnership Projects on Right-of-Way Acquisition, Design, and Construction of General Drainage Improvements in San Jacinto River Watershed Study	1, 2, & 4	\$ -	\$ 50,000,000	\$ 37,500,000	\$ 12,500,000	Execution of design and construction of partnership projects to reduce the risk of flooding along the San Jacinto River.
San Jacinto River	Local		F-14	G103-00-00-GEN	Planning, Right-of-Way Acquisition, Design and Construction of General Drainage Improvements in West Fork, San Jacinto River Watershed	1, 2, & 4	\$ 25,000,000	\$ -	\$ -	\$ -	This project could reduce the risk of flooding and facilitate drainage improvements benefitting up to 4,600 structures.in the watershed.
San Jacinto River	Local		F-15	G103-80-00-GEN	Planning, Right-of-Way Acquisition, Design and Construction of General Drainage Improvements on the East Fork, San Jacinto River	2	\$ 15,000,000	\$ -	\$ -	\$ -	This project could reduce the risk of flooding and facilitate drainage improvements benefitting more than 100 buildings in the drainage area of the East Fork of the San Jacinto River
San Jacinto River	Buyout			G103-HMGP	Federal Grant-Funded Volunteer Home Buyouts	1, 2, & 4	\$ -	\$ 112,800,000	\$ 84,600,000	\$ 28,200,000	Purchase of approximately 470 buildings.
San Jacinto River	Storm Repair			G103-NRCS	Storm Repairs in San Jacinto River Watershed	1, 2, & 4	\$ -	\$ 406,000	\$ 325,000	\$ 81,000	Approximately 13 repair projects of erosion and infrastructure identified after Hurricane Harvey.
San Jacinto River	Subdivision Drainage Improvement			G-ENG	San Jacinto River Subdivision Drainage Improvements	1, 2, & 4	\$ -	\$ 360,000	\$ 270,000	\$ 90,000	Design and construction of these projects could reduce the risk of flooding for over 40 homes during a 1% rain or flood event.
Sims Bayou	Partnership		C-08	C118-00-00-FP001	Right-Of-Way Acquisition, Design, and Construction of Stormwater Detention Basin and Channel Conveyance Improvements along Salt Water Ditch	1	\$ -	\$ 50,000,000	\$ 37,500,000	\$ 12,500,000	The project could reduce the risk of flooding for over 1,900 structures near C118-00-00 in the 1% floodplain.
Sims Bayou	Partnership		C-09	C147-00-00-FP001	Right-Of-Way Acquisition, Design, and Construction of South Post Oak Stormwater Detention Basin and Channel Conveyance Improvements along C147-00-00	1	\$ -	\$ 18,170,000	\$ 13,627,500	\$ 4,542,500	The project could reduce the risk of flooding for over 210 structures in the 1% floodplain.
Sims Bayou	Partnership		C-10	C506-01-00-E003	Design and Construction of C506-01-00-E003	2	\$ -	\$ 15,000,000	\$ 11,250,000	\$ 3,750,000	Provides additional stormwater detention in support of flood damage reduction in Sims Bayou Watershed
Sims Bayou	Partnership		C-42	C102-00-00-FP	Restore Channel Conveyance Capacity Along C102-00-00	2	\$ -	\$ 30,000,000	\$ 15,000,000	\$ 15,000,000	Needed repairs to restore channel conveyance capacity in partnership with the City of Houston
Sims Bayou	Storm Repair			C-NRCS	Storm Repairs in Sims Bayou Watershed	1 & 2	\$ -	\$ 1,161,000	\$ 929,000	\$ 232,000	Approximately 34 repair projects of erosion and infrastructure identified after Hurricane Harvey.
Sims Bayou	Subdivision Drainage Improvement			C-ENG	Sims Bayou Subdivision Drainage Improvements	1 & 2	\$ -	\$ 880,000	\$ 660,000	\$ 220,000	Design and construction of these projects could reduce the risk of flooding for over 40 Homes during a 1% rain or flood event.
Spring Creek	Local		F-19	J100-00-00-ROW	Spring Creek Floodplain Right-of-Way Acquisition	3 & 4	\$ 30,000,000	\$ -	\$ -	\$ -	Acquisition of Right-Of-Way along Spring Creek to preserve channel conveyance and / or restore natural floodplains in areas subject to frequent flooding.
Spring Creek	Local		F-75	J100-00-00-GEN	Planning, Right-of-Way Acquisition, Design and Construction of General Drainage Improvements along Spring Creek	3 & 4	\$ 25,000,000	\$ -	\$ -	\$ -	Effort will investigate flooding problems, evaluate potential solutions to flooding problems and execute design and construction of a project to reduce the risk of flooding in the Spring Creek watershed.
Spring Creek	Buyout			J100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	3 & 4	\$ -	\$ 300,000	\$ 225,000	\$ 75,000	Purchase of several buildings.
Spring Creek	Storm Repair			J-NRCS	Storm Repairs in Spring Creek Watershed	3 & 4	\$ -	\$ 363,000	\$ 290,000	\$ 73,000	Approximately 12 repair projects of erosion and infrastructure identified after Hurricane Harvey.

2018 Bond - HCFCD Proposed Project List

WATERSHED	TYPE	Icon	MAP ID	PROJECT ID	TITLE	PRECINCT	LOCAL ONLY	GRANT TOTAL COST	PARTNER SHARE	LOCAL MATCH	DESCRIPTION OF BENEFITS
Spring Creek	Subdivision Drainage Improvement			J-ENG	Spring Creek Subdivision Drainage Improvements	3 & 4	\$ -	\$ 1,000,000	\$ 750,000	\$ 250,000	Design and construction of these projects could reduce the risk of flooding for over 100 Homes during a 1% rain or flood event.
Vince Bayou	Local		F-78	I100-00-00-GEN	Planning, Right-of-Way Acquisition, Design and Construction of General Drainage Improvements in Vince Bayou Watershed	2	\$ 5,000,000	\$ -	\$ -	\$ -	Effort will investigate flooding problems, evaluate potential solutions to flooding problems and execute design and construction of a project to reduce the risk of flooding in the Vince Bayou watershed.
Vince Bayou	Buyout			I100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	2	\$ -	\$ 400,000	\$ 300,000	\$ 100,000	Purchase of several buildings.
Vince Bayou	Storm Repair			I-NRCS	Storm Repairs in Vince Bayou Watershed	2	\$ -	\$ 58,000	\$ 46,000	\$ 12,000	Approximately 14 repair projects of erosion and infrastructure identified after Hurricane Harvey.
White Oak Bayou	Partnership		C-14	E100-00-00-USACE	Design and Construction of Corps of Engineers White Oak Bayou Section 211(f) Project	1 & 4	\$ -	\$ 95,000,000	\$ 75,000,000	\$ 20,000,000	This project could reduce the risk of flooding for over 1,800 buildings in the 2% floodplain.
White Oak Bayou	Partnership		C-15	E500-ARBOROAKS-404	Design and Construction of Arbor Oaks Stormwater Detention Basin	1	\$ -	\$ 10,000,000	\$ 7,500,000	\$ 2,500,000	This stormwater detention basin facilitates completion of the federal project on White Oak Bayou which could reduce the risk of flooding for 1,800 structures in the 2% floodplain.
White Oak Bayou	Partnership		C-16	E500-WDLNCTRL-404	Design and Construction of Woodland Trails Stormwater Detention Basin	4	\$ -	\$ 31,000,000	\$ 23,250,000	\$ 7,750,000	This stormwater detention basin facilitates completion of the federal project on White Oak Bayou which could reduce the risk of flooding for 1,800 structures in the 2% floodplain.
White Oak Bayou	Partnership		C-39	E200-02-00-NC	Right-of-Way Acquisition, Design and Construction of the North Canal	2	\$ -	\$ 100,000,000	\$ 80,000,000	\$ 20,000,000	Design and construction of this project could reduce the risk of flooding upstream and downstream of downtown Houston.
White Oak Bayou	Partnership		C-45	E106-00-00-GEN	Right-of-Way Acquisition, Design and Construction of General Drainage Improvements along Turkey Gully	3 & 4	\$ -	\$ 5,000,000	\$ 2,500,000	\$ 2,500,000	Project could reduce the risk of flooding for structures along Turkey Gully in partnership with the City of Houston.
White Oak Bayou	Local		F-09	E101-00-00-FP001	Right-Of-Way Acquisition, Design and Construction of Little White Oak Bayou Channel Conveyance Improvements	1 & 2	\$ 30,000,000	\$ -	\$ -	\$ -	Right-of-Way acquisition, design and construction of this project could reduce the risk of flooding for over 1,150 structures in the 1% floodplain.
White Oak Bayou	Local		F-10	E115-00-00-FP001	Right-Of-Way Acquisition, Design, and Construction of Channel Conveyance Improvements on Brickhouse Gully	4	\$ 35,000,000	\$ -	\$ -	\$ -	Right-of-Way acquisition, design and construction of this project could reduce the risk of flooding for over 1,300 structures in the 1% floodplain.
White Oak Bayou	Local		F-11	E500-21-00-E001	Construction of Inwood Forest West Stormwater Detention Basin	1 & 4	\$ 7,800,000	\$ -	\$ -	\$ -	Design and construction of this project and Inwood Forest East Stormwater Detention Basin could reduce the risk of flooding for over 950 structures in the 1% floodplain
White Oak Bayou	Local		F-13	E521-04-00-E001	Construction of Inwood Forest East Stormwater Detention Basin	1	\$ 8,350,000	\$ -	\$ -	\$ -	Design and construction of this project and Inwood Forest West Stormwater Detention Basin could reduce the risk of flooding for over 950 structures in the 1% floodplain
White Oak Bayou	Buyout			E100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	1 & 4	\$ -	\$ 119,300,000	\$ 89,475,000	\$ 29,825,000	Purchase of approximately 660 buildings.
White Oak Bayou	Storm Repair			E-NRCS	Storm Repairs in White Oak Bayou Watershed	1, 3, & 4	\$ -	\$ 4,905,000	\$ 3,924,000	\$ 981,000	Approximately 84 repair projects of erosion and infrastructure identified after Hurricane Harvey.
White Oak Bayou	Subdivision Drainage Improvement			E-ENG	White Oak Bayou Subdivision Drainage Improvements	1, 3, & 4	\$ -	\$ 36,250,000	\$ 27,187,500	\$ 9,062,500	Design and construction of these projects could reduce the risk of flooding for over 2,370 homes during a 1% rain or flood event.
Willow Creek	Local		F-36	M100-00-00-ROW	Willow Creek Floodplain Right-of-Way Acquisition	3 & 4	\$ 30,000,000	\$ -	\$ -	\$ -	Acquisition of Right-Of-Way along Willow Creek to preserve channel conveyance and / or restore natural floodplains in areas subject to frequent flooding.
Willow Creek	Local		F-37	M124-00-00-FP001	Design and Construction of Channel Conveyance Improvements on M124-00-00	4	\$ 21,000,000	\$ -	\$ -	\$ -	The project could reduce the risk of flooding for structures in the 1% floodplain and increase drainage efficiency.
Willow Creek	Local		F-38	M528-01-00	Design and Construction of Cypress Rosehill Stormwater Detention Basin	4	\$ 1,100,000	\$ -	\$ -	\$ -	Providing joint-benefits of mitigating impacts of roadway construction and could reduce the risk of flooding for homes in the surrounding area.
Willow Creek	Local		F-71	M100-00-00-GEN	Planning, Right-of-Way Acquisition, Design and Construction of General Drainage Improvements in Willow Creek Watershed	3 & 4	\$ 15,000,000	\$ -	\$ -	\$ -	Effort will investigate flooding problems, evaluate potential solutions to flooding problems and execute design and construction of a project to reduce the risk of flooding in the Willow Creek watershed.
Willow Creek	Buyout			M100-HMGP	Federal Grant-Funded Volunteer Home Buyouts	4	\$ -	\$ 2,100,000	\$ 1,575,000	\$ 525,000	Purchase of approximately 10 buildings.
Willow Creek	Storm Repair			M-NRCS	Storm Repairs in Willow Creek Watershed	3 & 4	\$ -	\$ 664,000	\$ 531,000	\$ 133,000	Approximately 11 repair projects of erosion and infrastructure identified after Hurricane Harvey.

2018 Bond - HCFCD Proposed Project List

WATERSHED	TYPE	Icon	MAP ID	PROJECT ID	TITLE	PRECINCT	LOCAL ONLY	GRANT TOTAL COST	PARTNER SHARE	LOCAL MATCH	DESCRIPTION OF BENEFITS
z.Countywide	Local			Z100-00-00-H046	Countywide Floodplain Preservation	Countywide	\$ 50,000,000	\$ -	\$ -	\$ -	Acquisition of Right-Of-Way along various channels in Harris County to preserve channel conveyance and / or restore natural floodplains in areas subject to frequent flooding.
z.Countywide	Local			Z100-00-00-MUNI	Partnership Projects with Municipalities, Authorities, and Other Districts in Harris County	Countywide	\$ 100,000,000	\$ -	\$ -	\$ -	Jointly funded projects to address flooding with multi-jurisdictional projects..
z.Countywide	Local			Z100-CONTINGENCY	Contingency	Countywide	\$ 430,000,000	\$ -	\$ -	\$ -	Unallocated funding for variations in project costs and opportunities identified through public input.
z.Countywide	Local			Z100-ADVANCED	Advanced Emerging Technologies for Flood Damage Reduction	Countywide	\$ 20,000,000	\$ -	\$ -	\$ -	Investigations of new methods to reduce the risk of flooding and to reduce the damages due to flooding in Harris County.
z.Countywide	Local			Z100-00-00-PLAN	Countywide Ongoing Planning	Countywide	\$ 10,000,000	\$ -	\$ -	\$ -	Ongoing efforts to identify future projects and work efforts to reduce flooding in Harris County watersheds.
z.Countywide	Local			Z100-00-00-Y083	Partnership Projects with the Harris County Engineering Department	Countywide	\$ 100,000,000	\$ -	\$ -	\$ -	Jointly funded projects that could reduce the risk of flooding in conjunction with Harris County Engineering Department projects.
z.Countywide	Local			Z100-TUNNEL	Preliminary Engineering for Large Diameter Tunnels for Stormwater Conveyance	Countywide	\$ 20,000,000	\$ -	\$ -	\$ -	Preliminary engineering for implementation of large diameter tunnels to reduce the risk of flooding across Harris County.
z.Countywide	Partnership			Z.REMAP	Harris County Floodplain Mapping Updates	Countywide	\$ -	\$ 25,000,000	\$ 12,500,000	\$ 12,500,000	Providing more accurate information on the risks of flooding in Harris County.
z.Countywide	Partnership			Z.FWS	Upgrades and Expansion of the Harris County Flood Warning System	Countywide	\$ -	\$ 5,000,000	\$ 3,750,000	\$ 1,250,000	Improving existing flood monitoring systems to provide additional near-real time information on flooding in Harris County.
							<b>\$ 1,896,850,000</b>	<b>\$ 2,781,033,000</b>	<b>\$ 2,094,439,000</b>	<b>\$ 686,494,000</b>	

TYPE	ICON
Buyout	
Subdivision Drainage Improvement	
Local	
Storm Repair	
Partnership	

# PRELIMINARY DRAFT

## 2018 BOND PROPOSED PROJECTS WATERSHED MAPS

FRIDAY, JUNE 1, 2018

Version 2018-06-01-0900

WATERSHED	PAGE NUMBER	WATERSHED	PAGE NUMBER
Addicks Reservoir	E-1	Halls Bayou	E-13
Armand Bayou	E-2	Hunting Bayou	E-14
Barker Reservoir	E-3	Jackson Bayou	E-15
Brays Bayou	E-4	Little Cypress Creek	E-16
Buffalo Bayou	E-5	Luce Bayou	E-17
Carpenters Bayou	E-6	San Jacinto River	E-18
Cedar Bayou	E-7	Sims Bayou	E-19
Clear Creek	E-8	Spring Creek	E-20
Cypress Creek	E-9	Vince Bayou	E-21
Galveston Bay	E-10	White Oak Bayou	E-22
Goose Creek	E-11	Willow Creek	E-23
Greens Bayou	E-12		

# PRELIMINARY DRAFT



**Proposed Bond Projects**

- ★ Buyout Areas
- ▲ Storm Repairs
- ◆ Proposed Drainage Improvements
- Proposed Local-Only Project
- ✚ Proposed Cost-Shared Project
- ~ Corps of Eng. Cost-Shared Projects

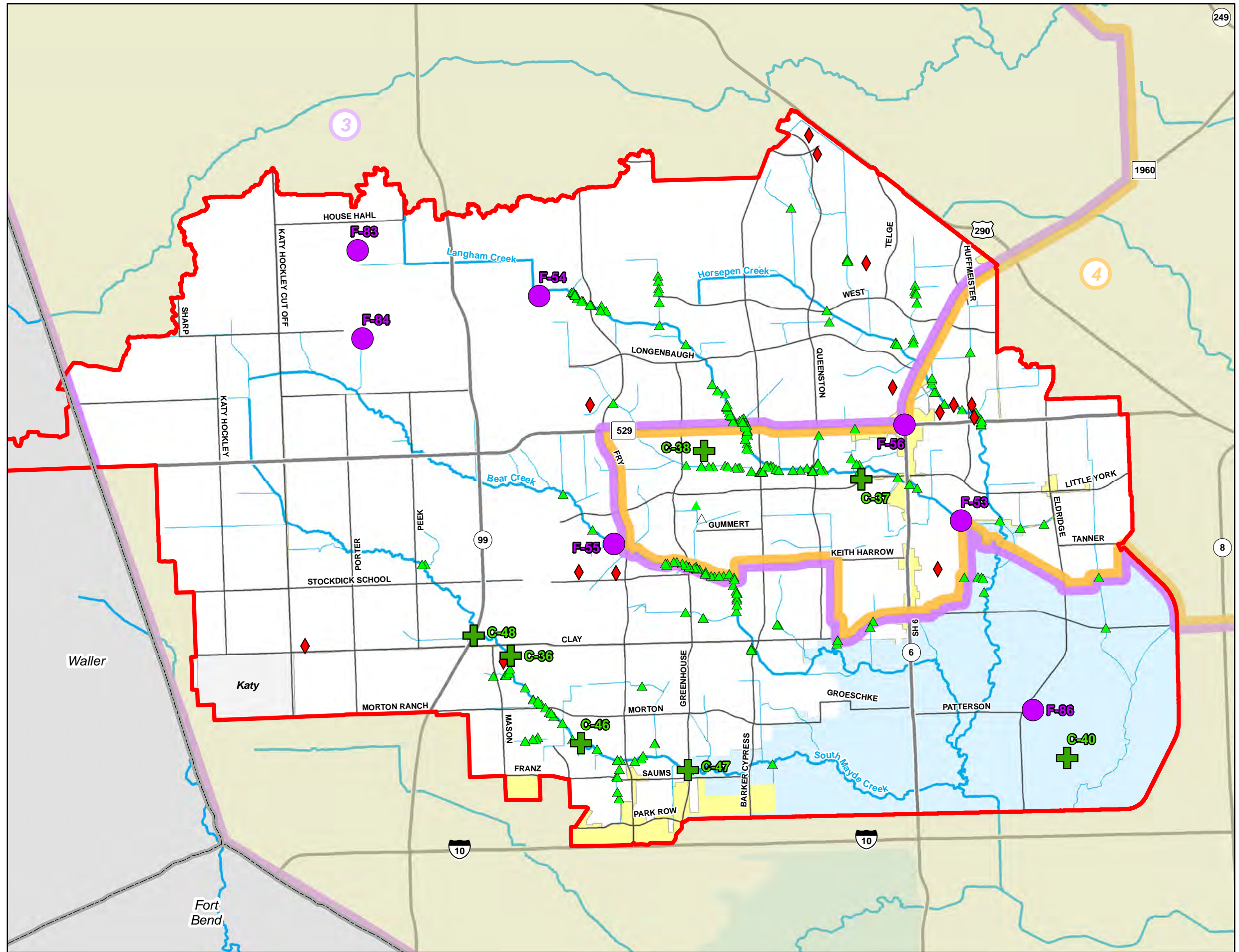
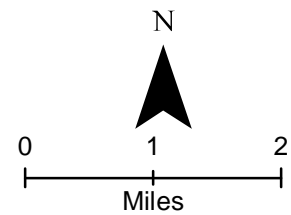
**Harris County Commissioners Court**

County Judge - Ed Emmett

- Pct. 1 - Rodney Ellis
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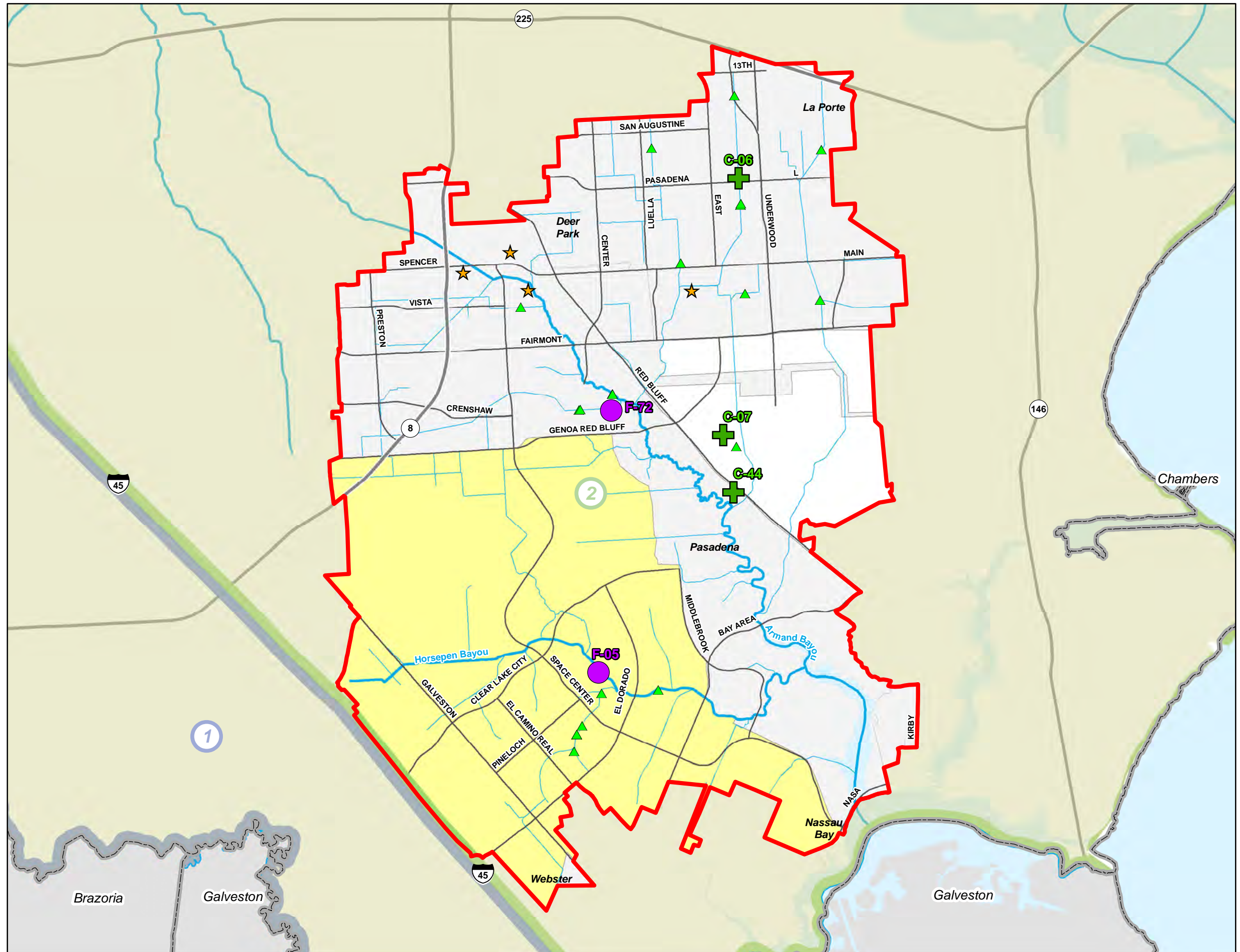
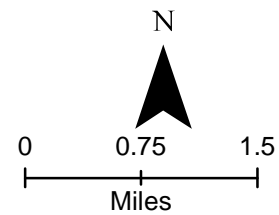
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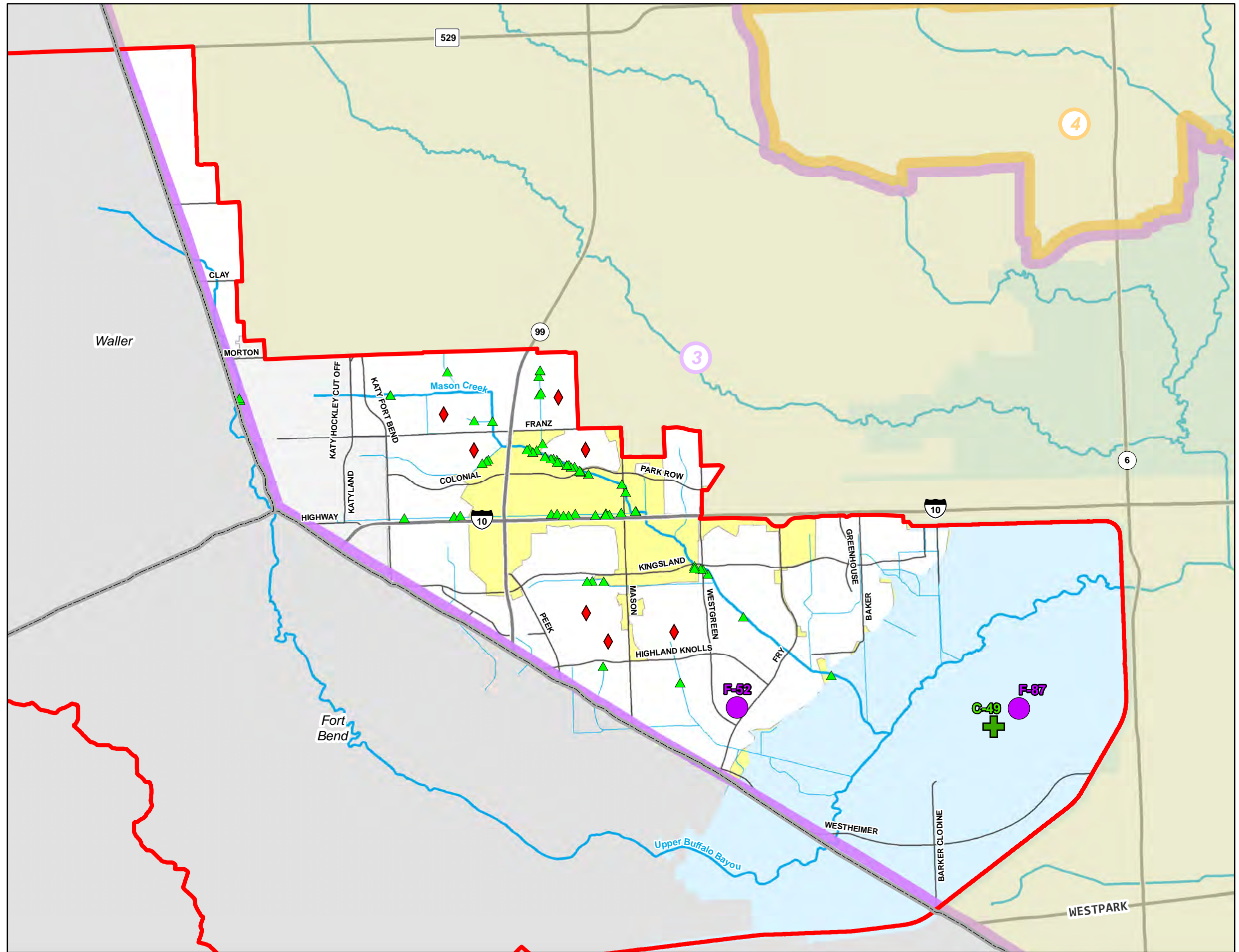
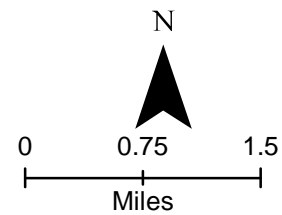
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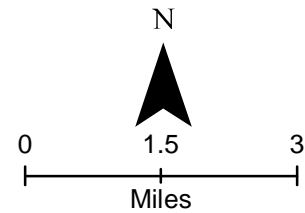
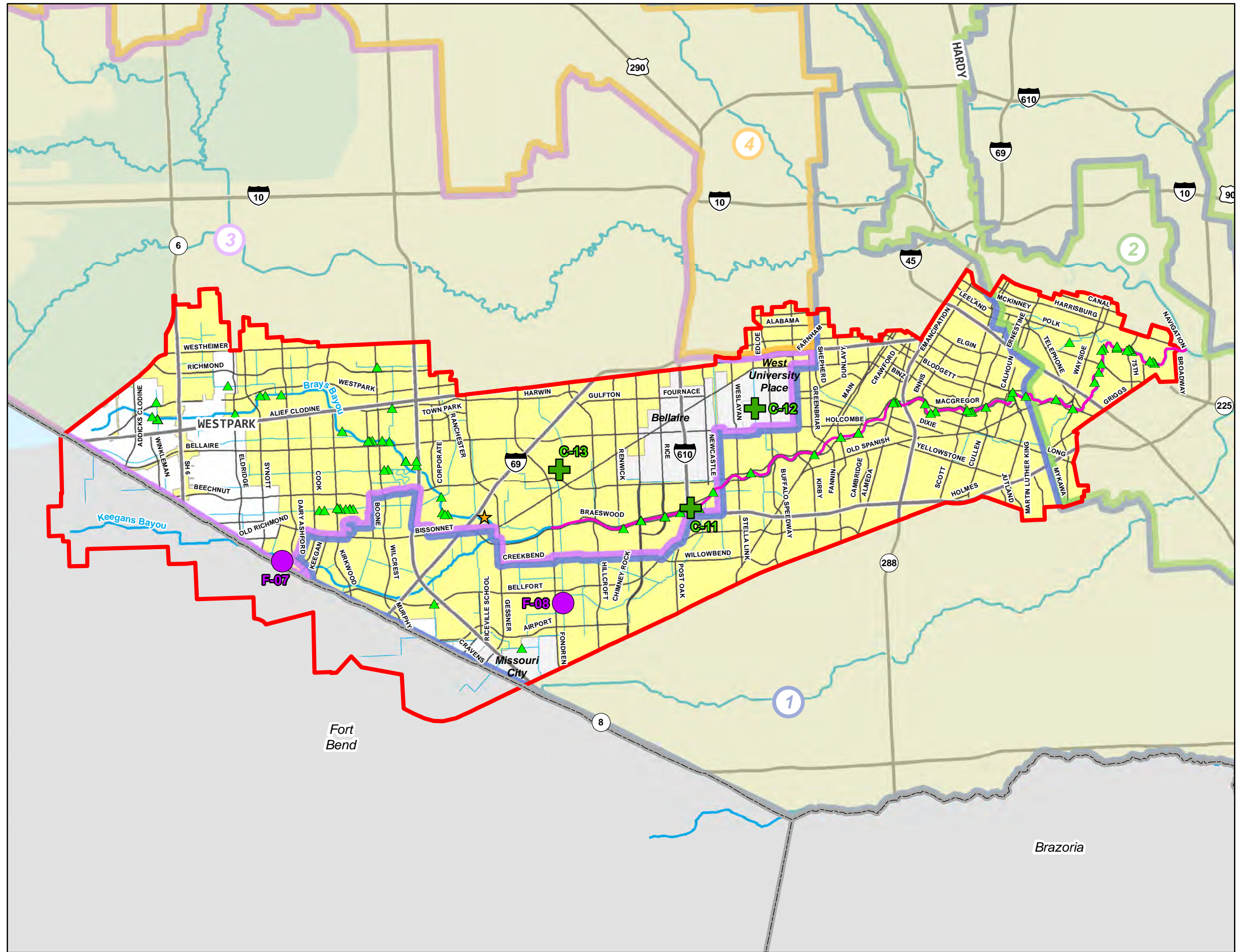
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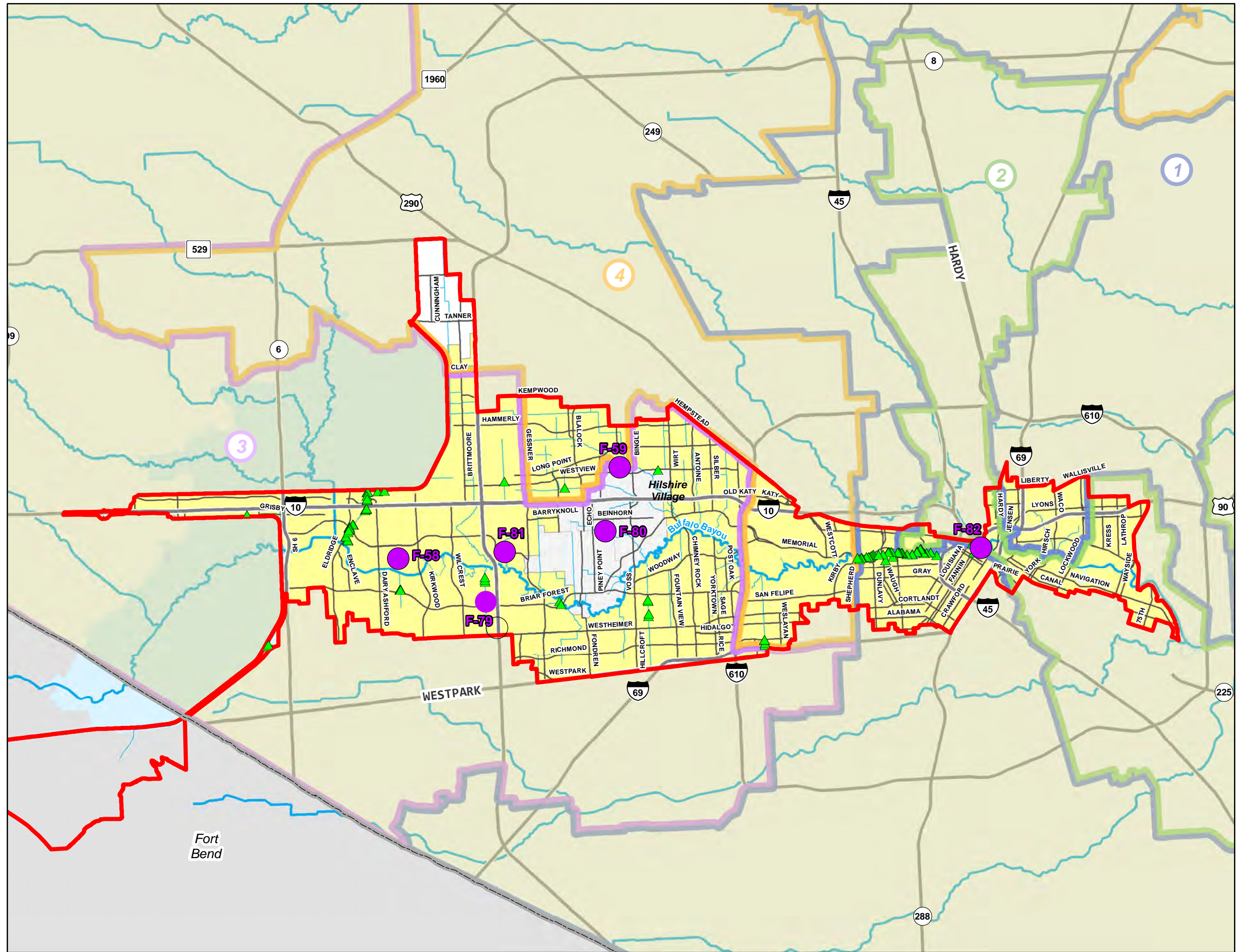
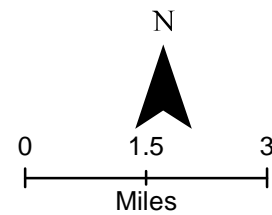
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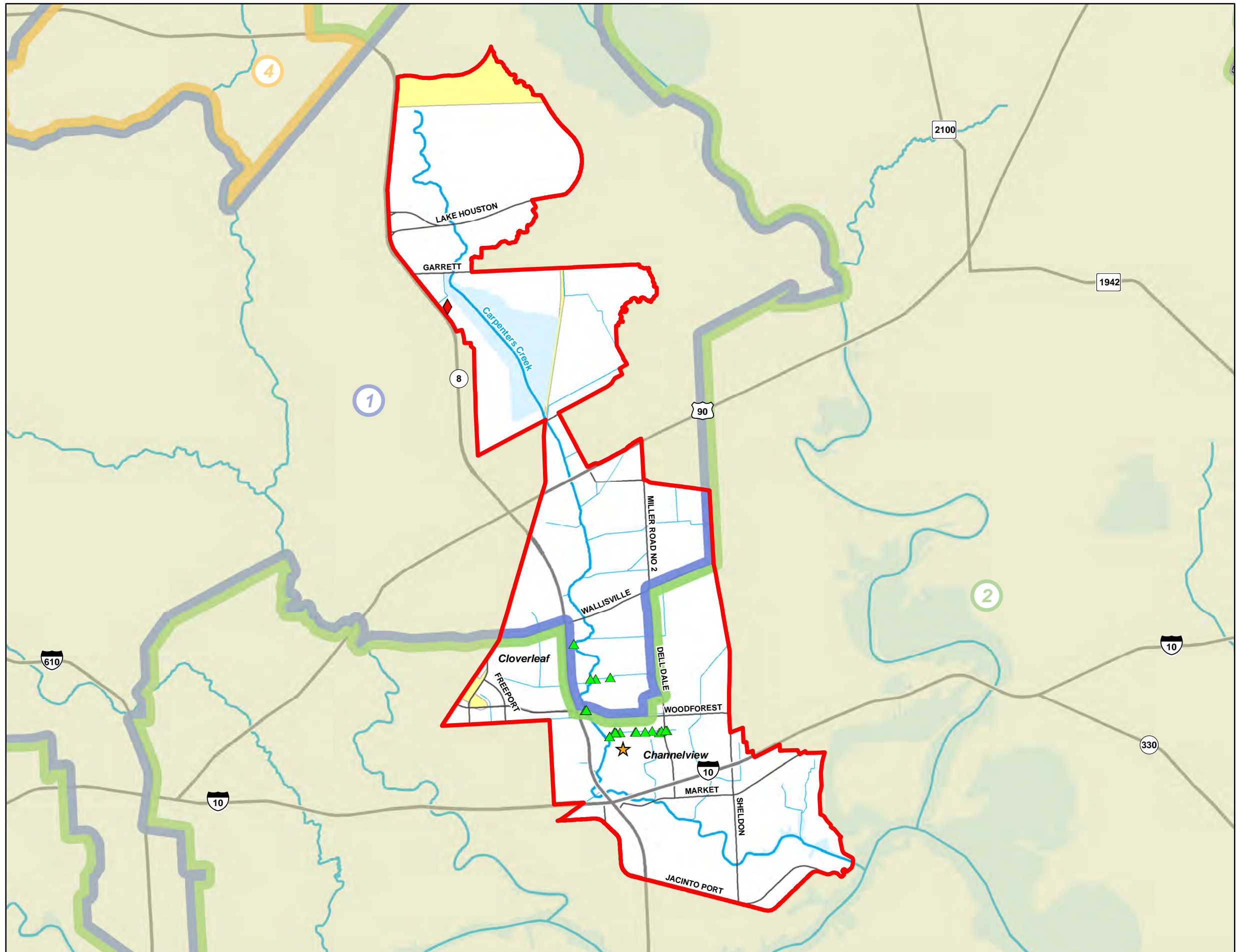
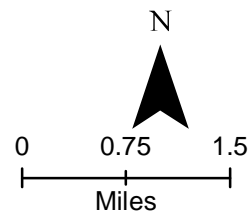
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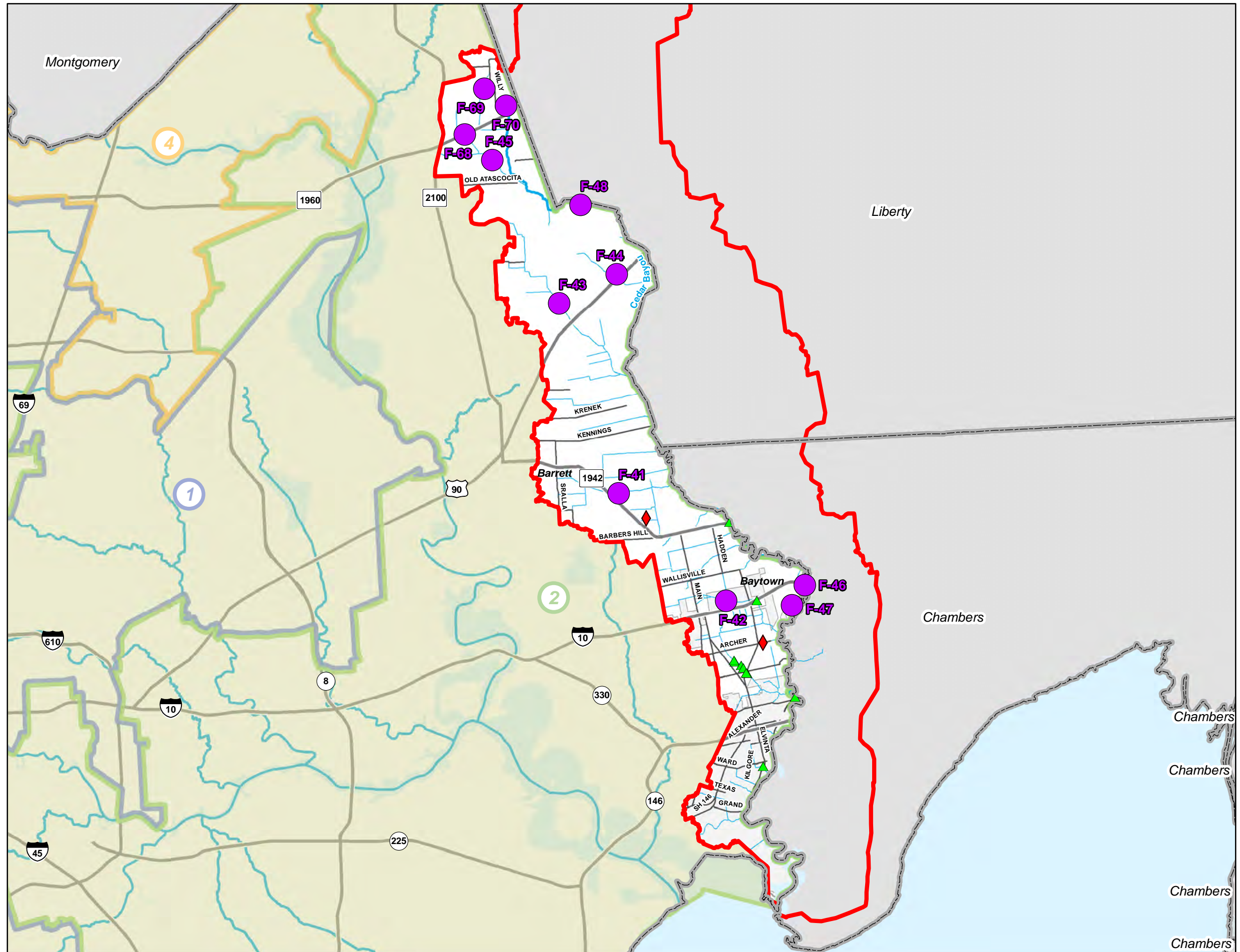
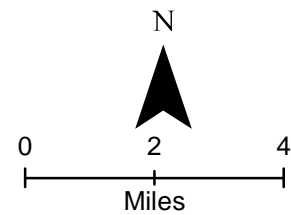
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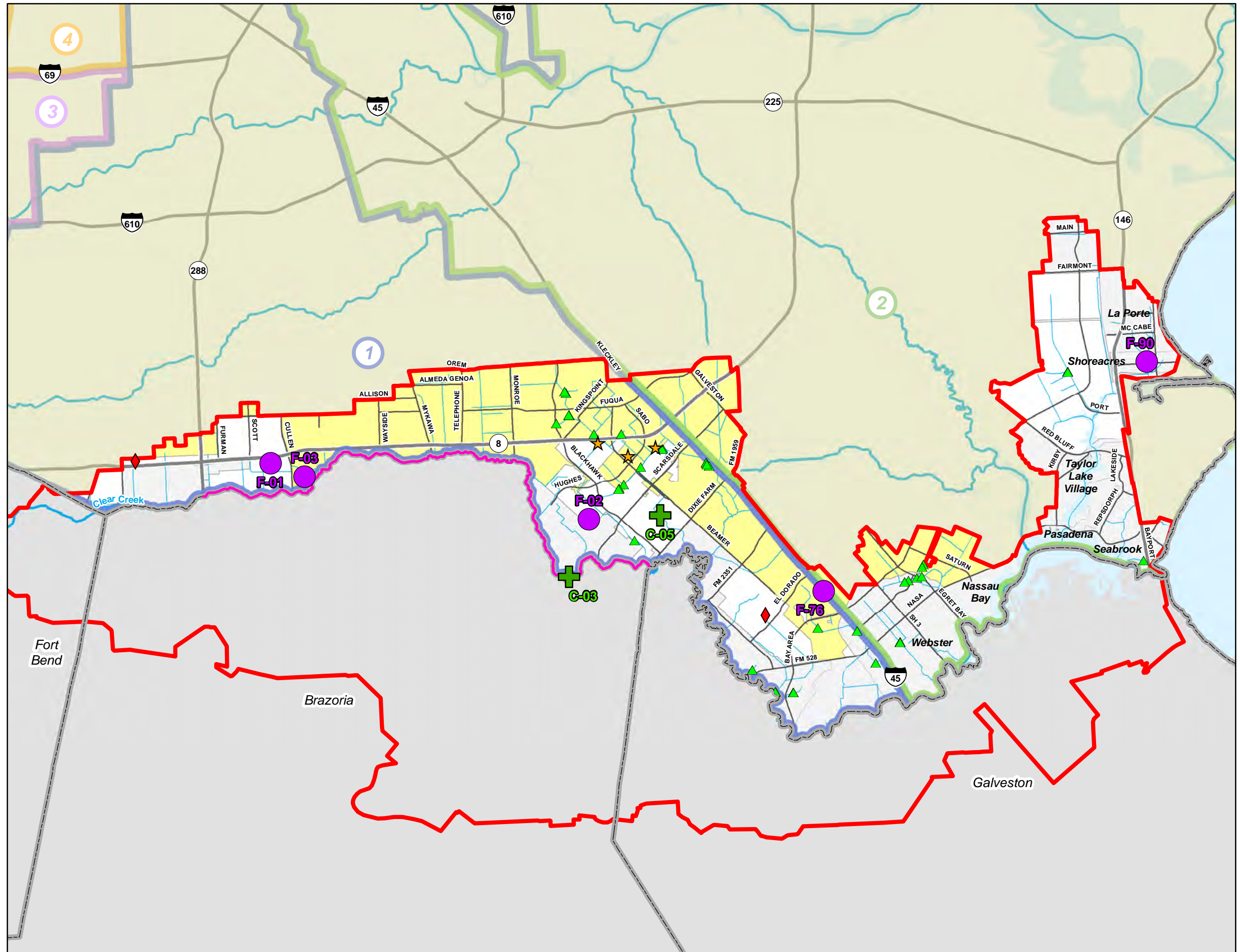
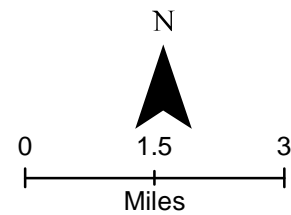
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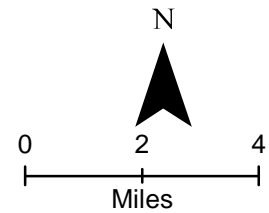
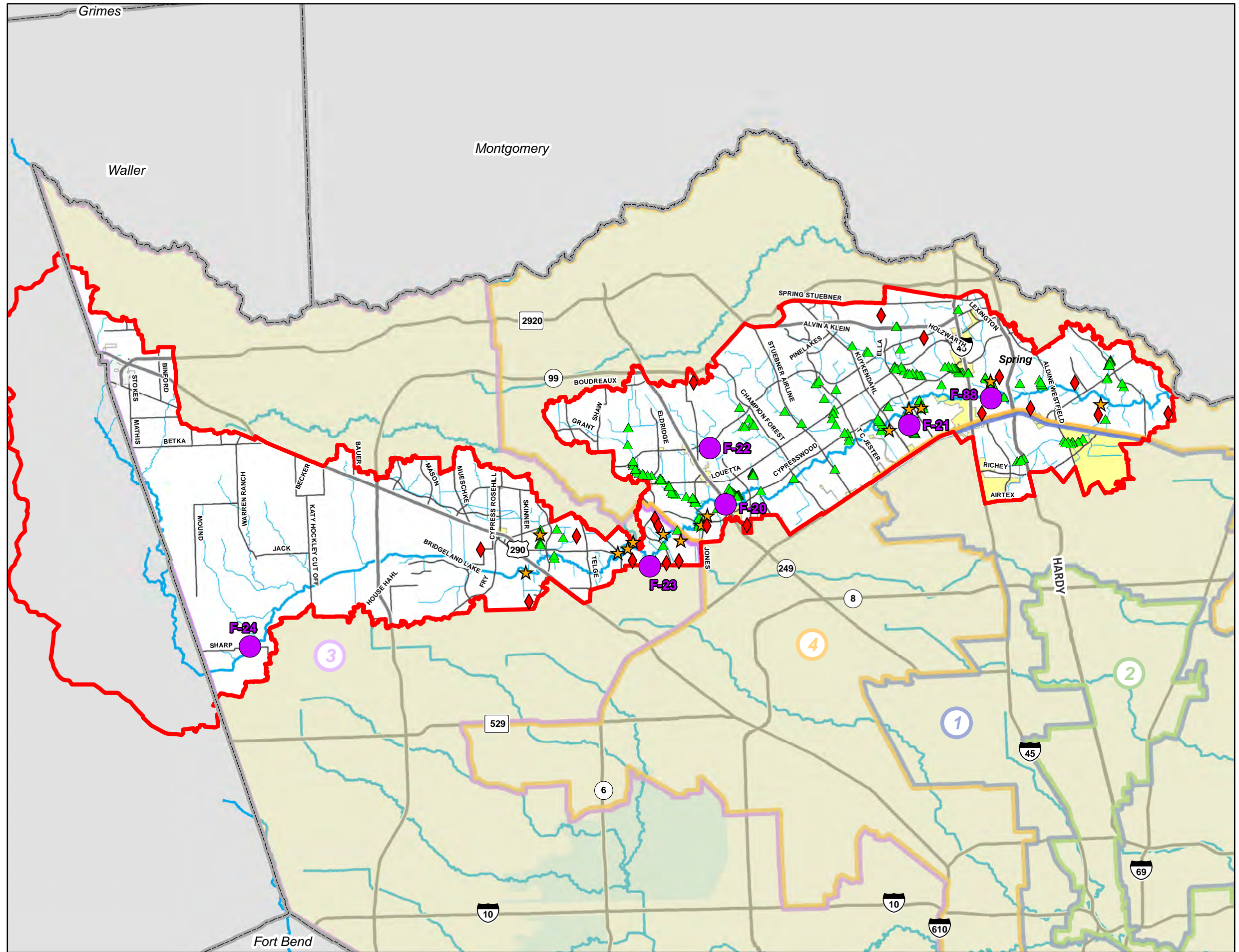
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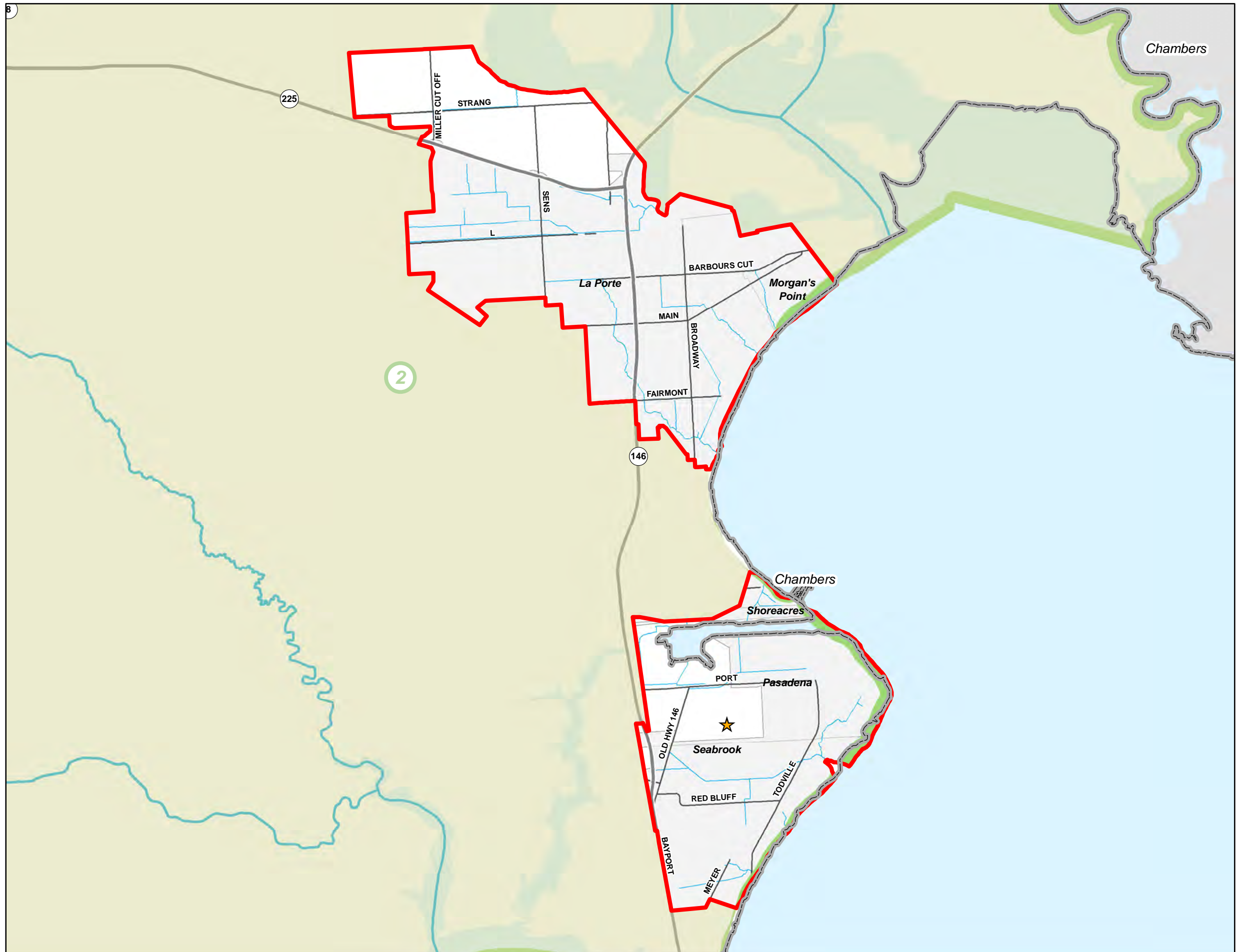
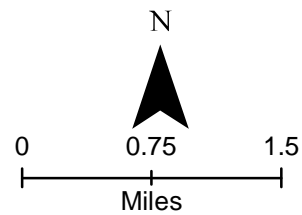
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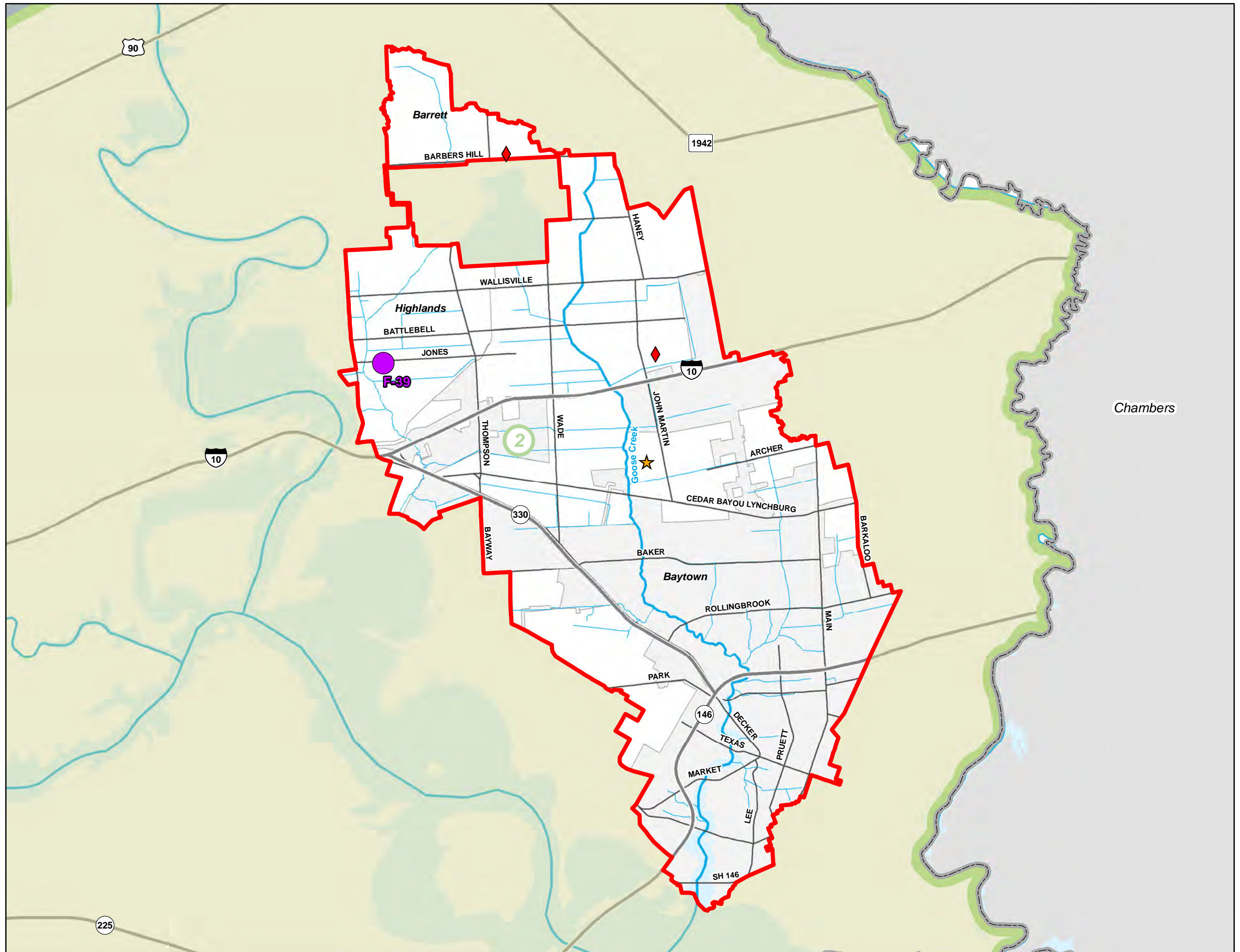
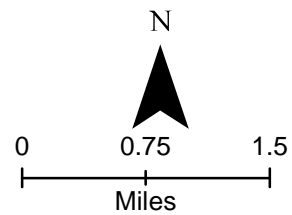
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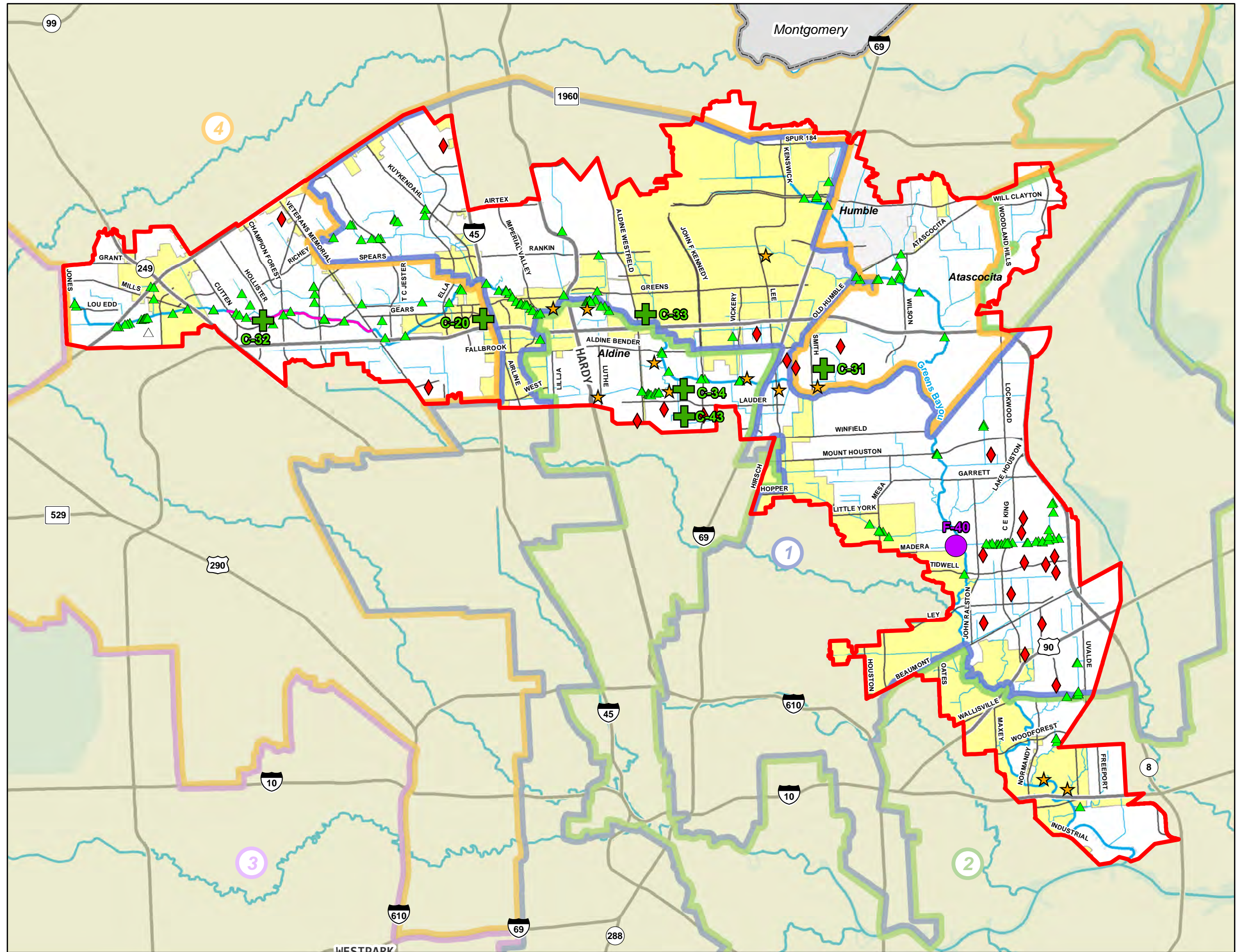
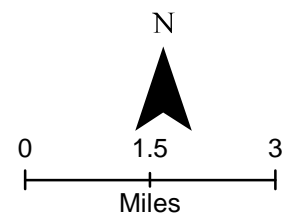
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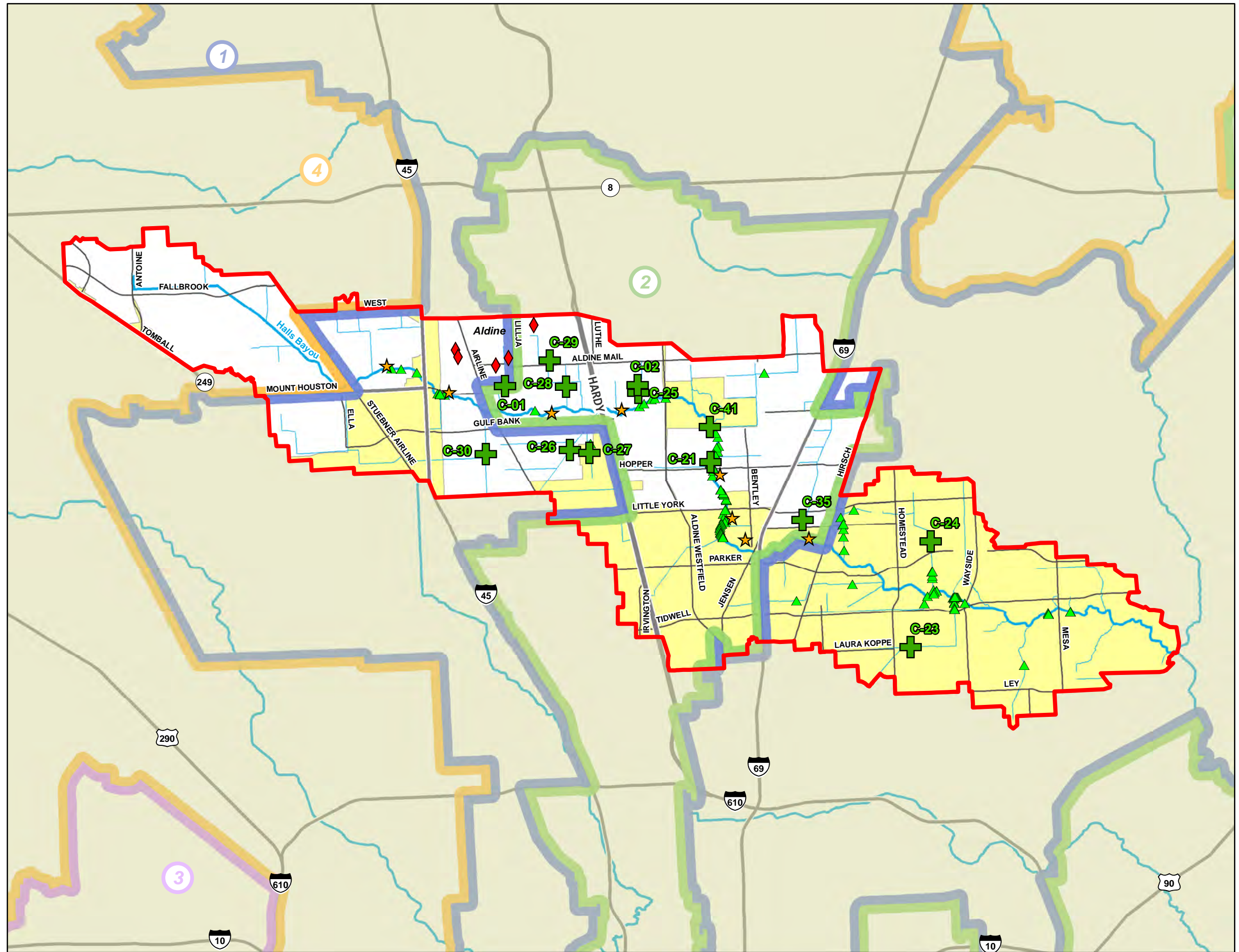
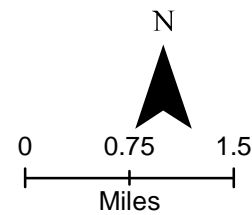
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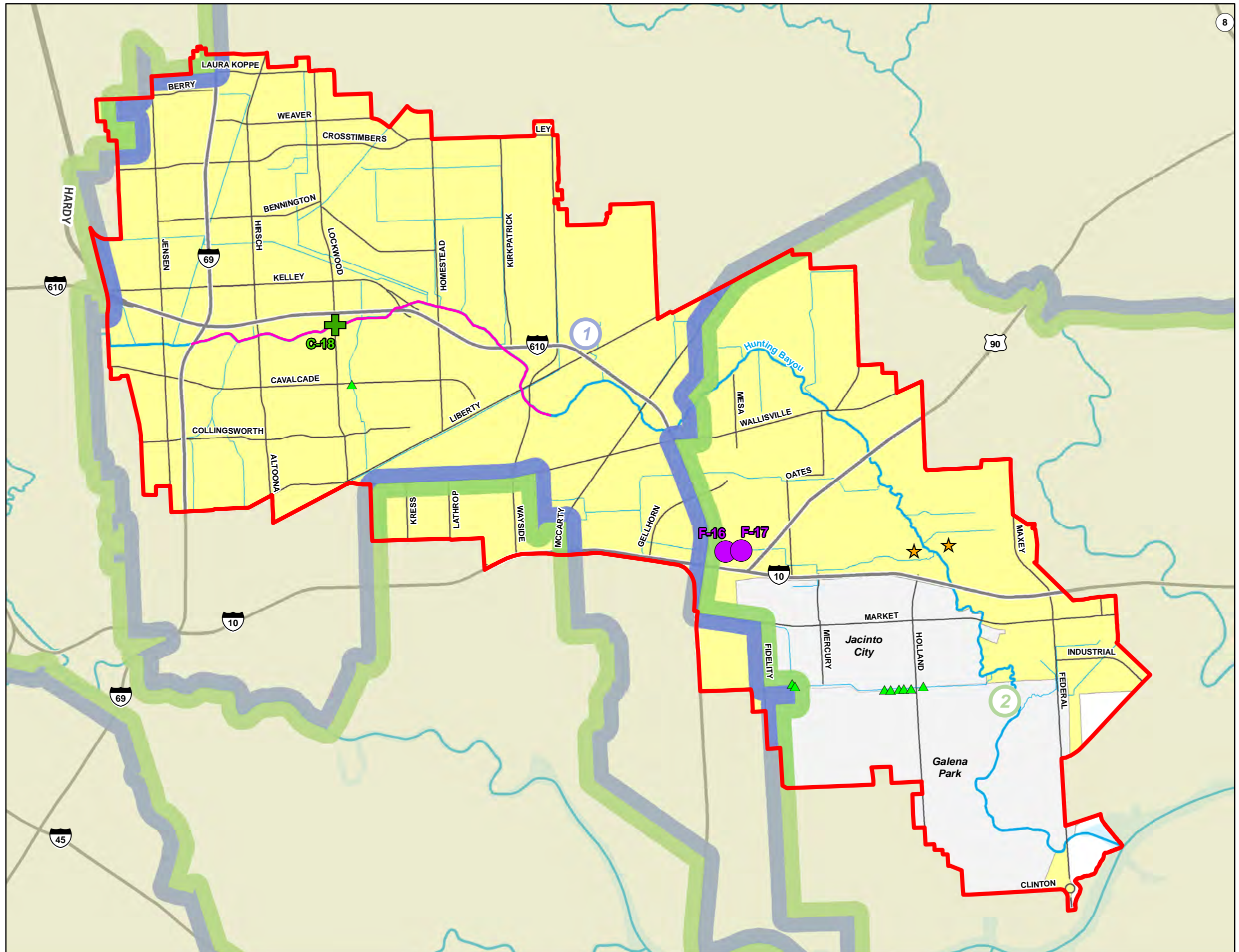
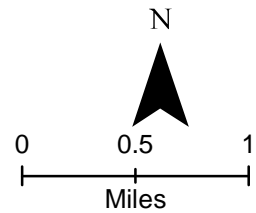
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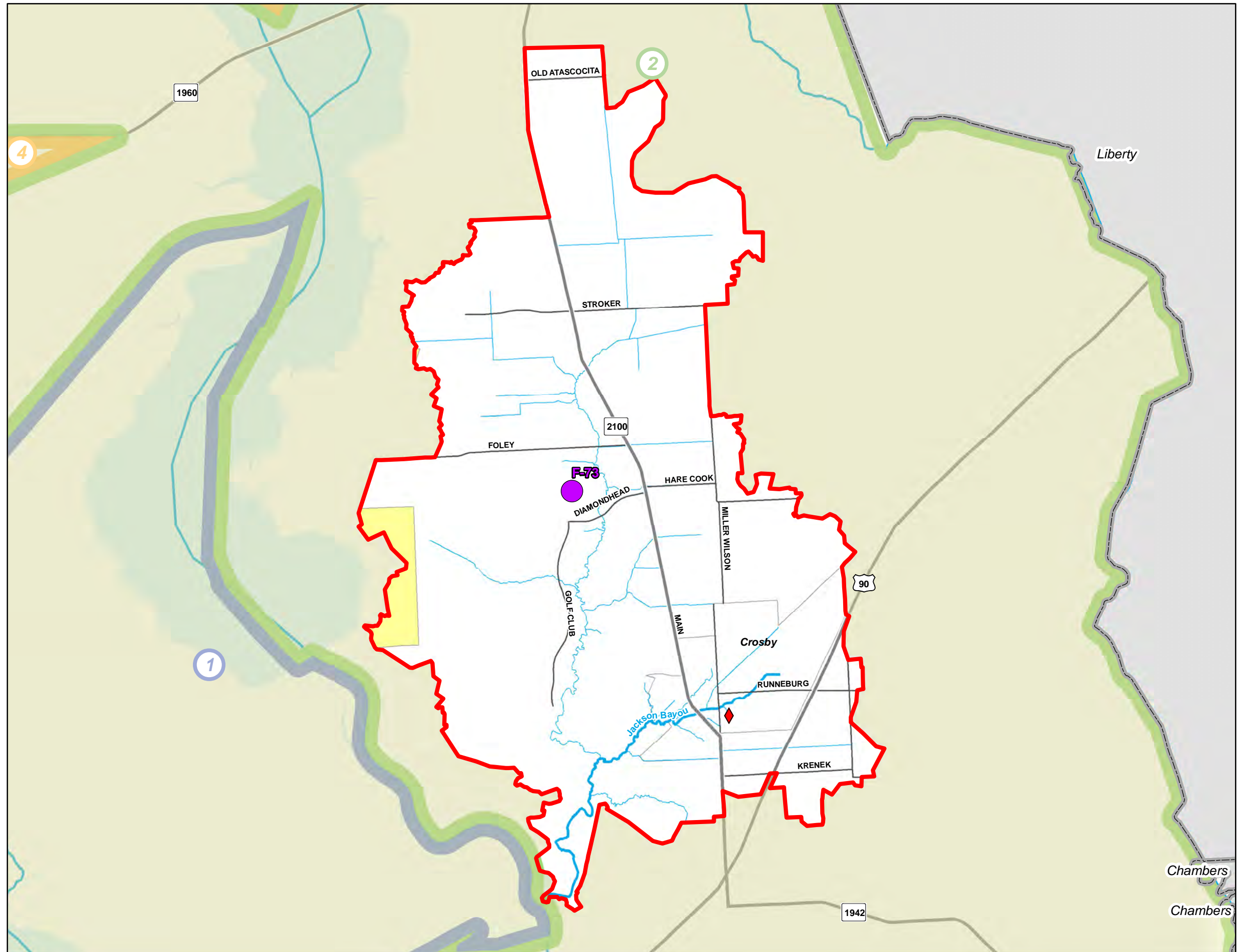
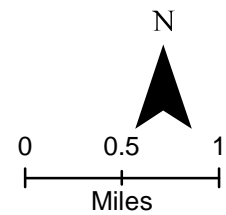
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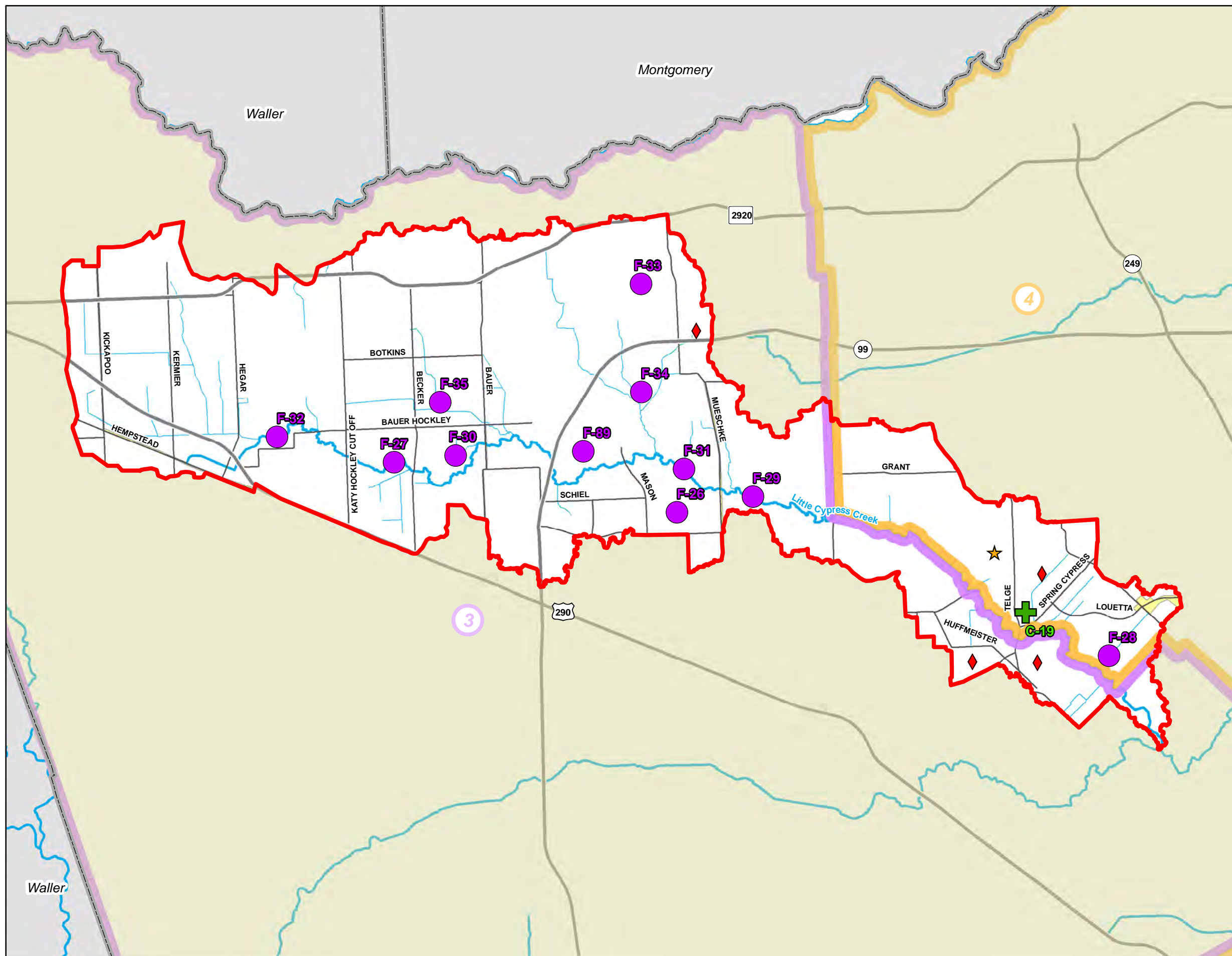
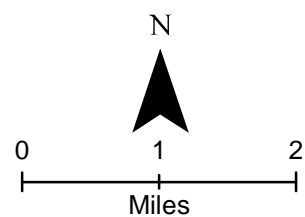
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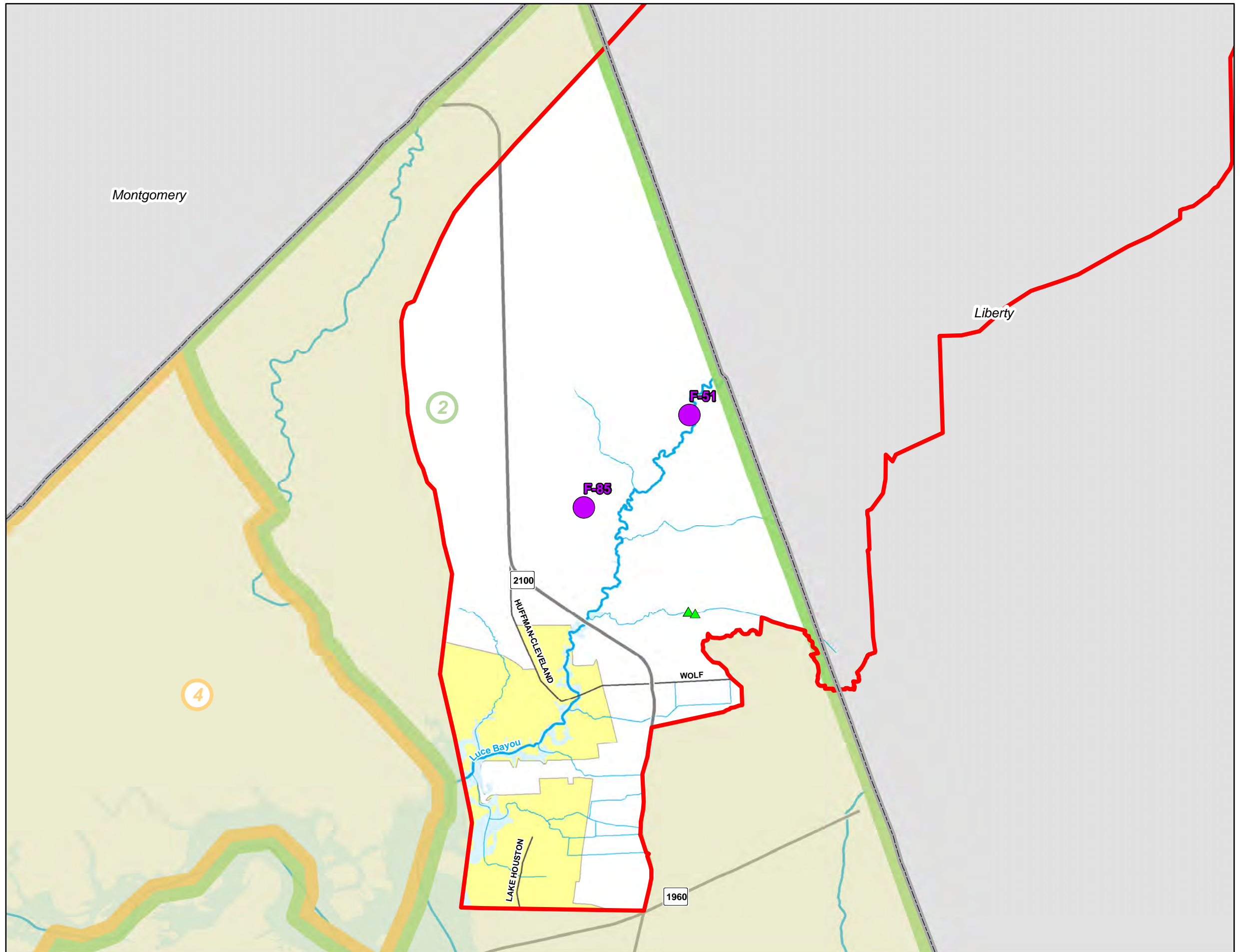
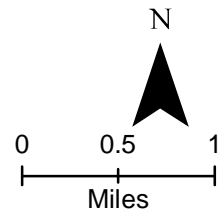
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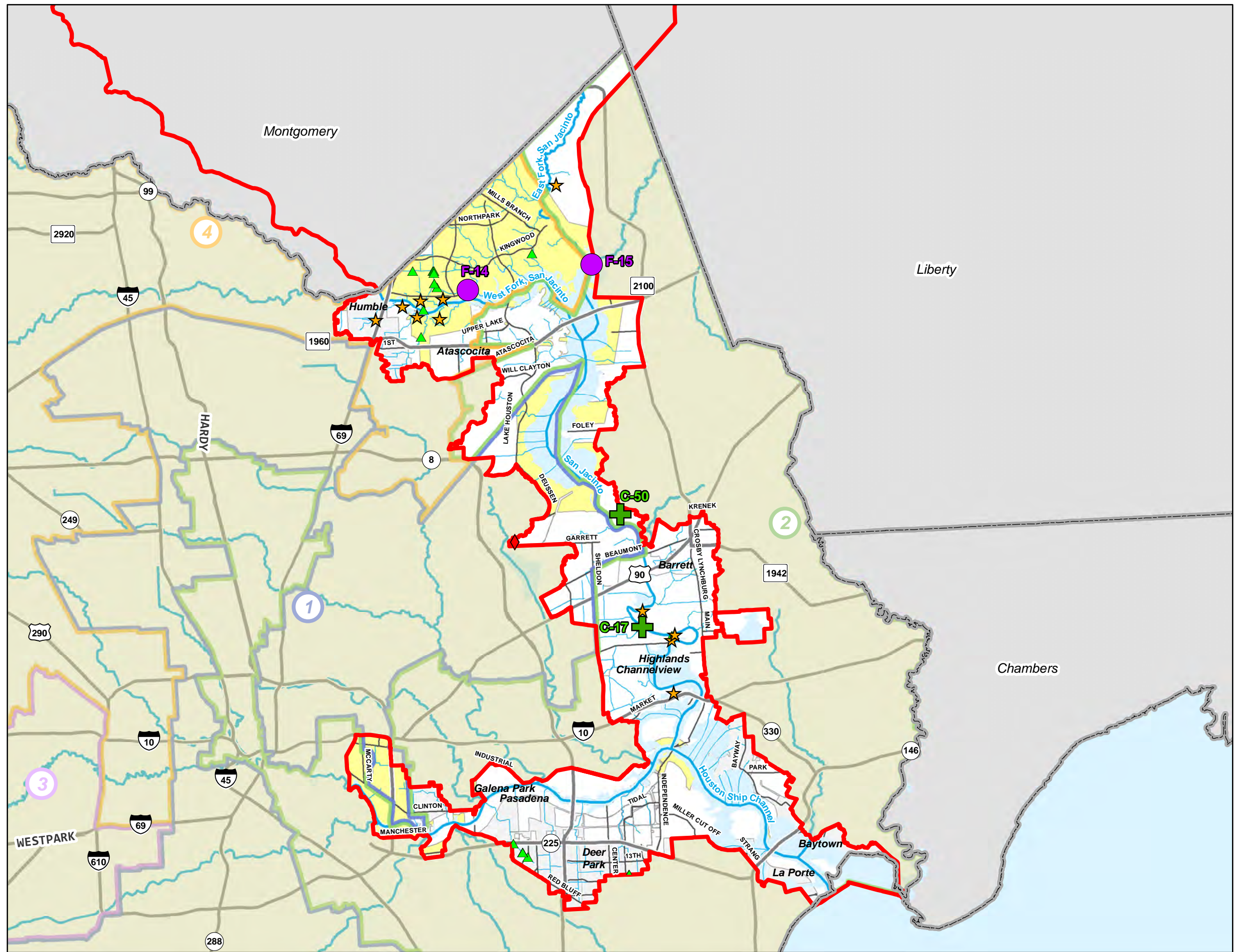
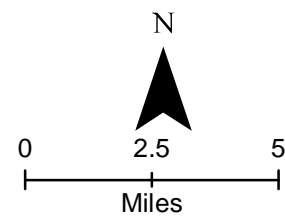
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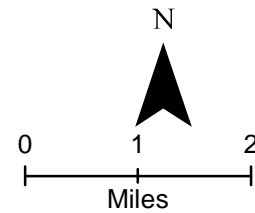
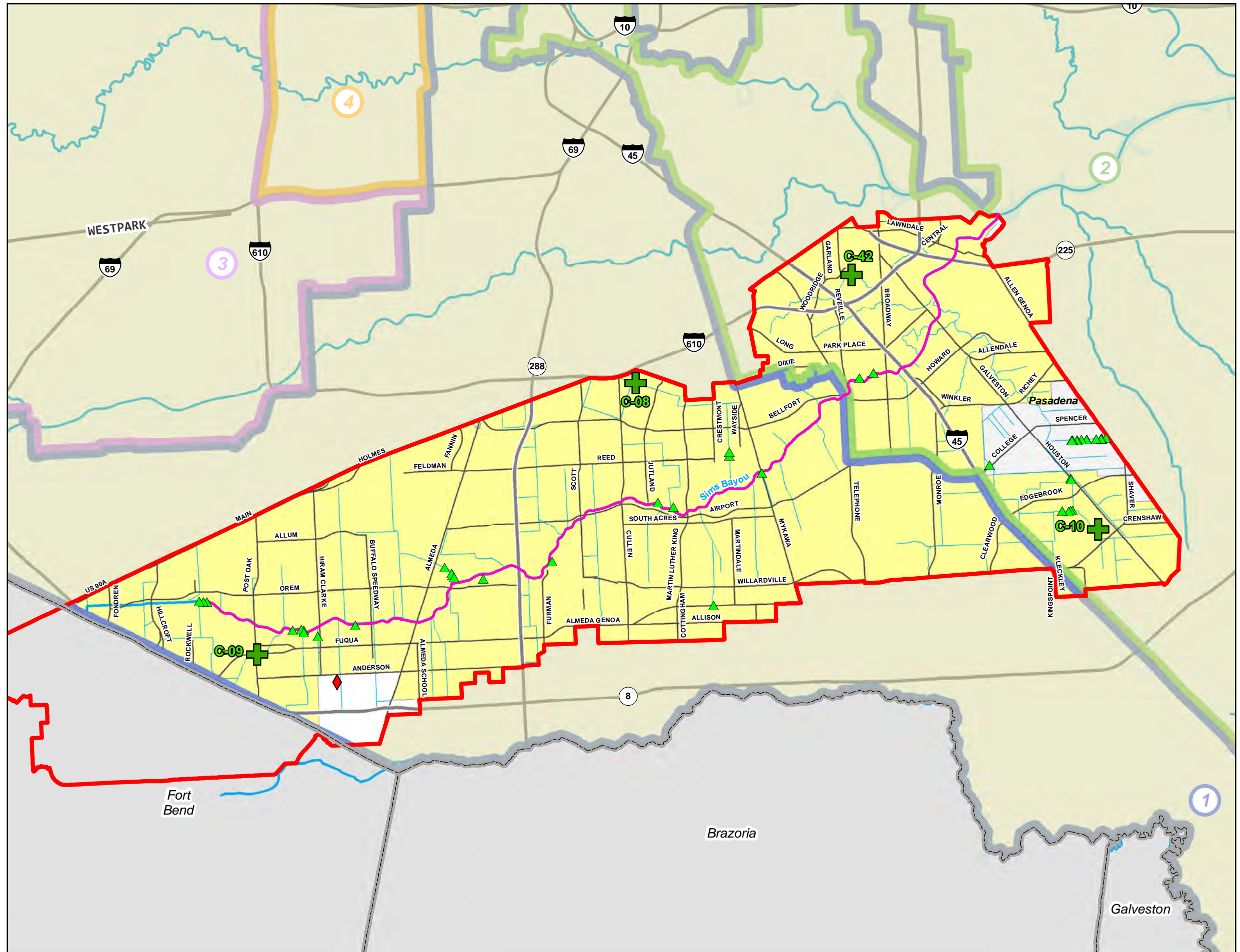
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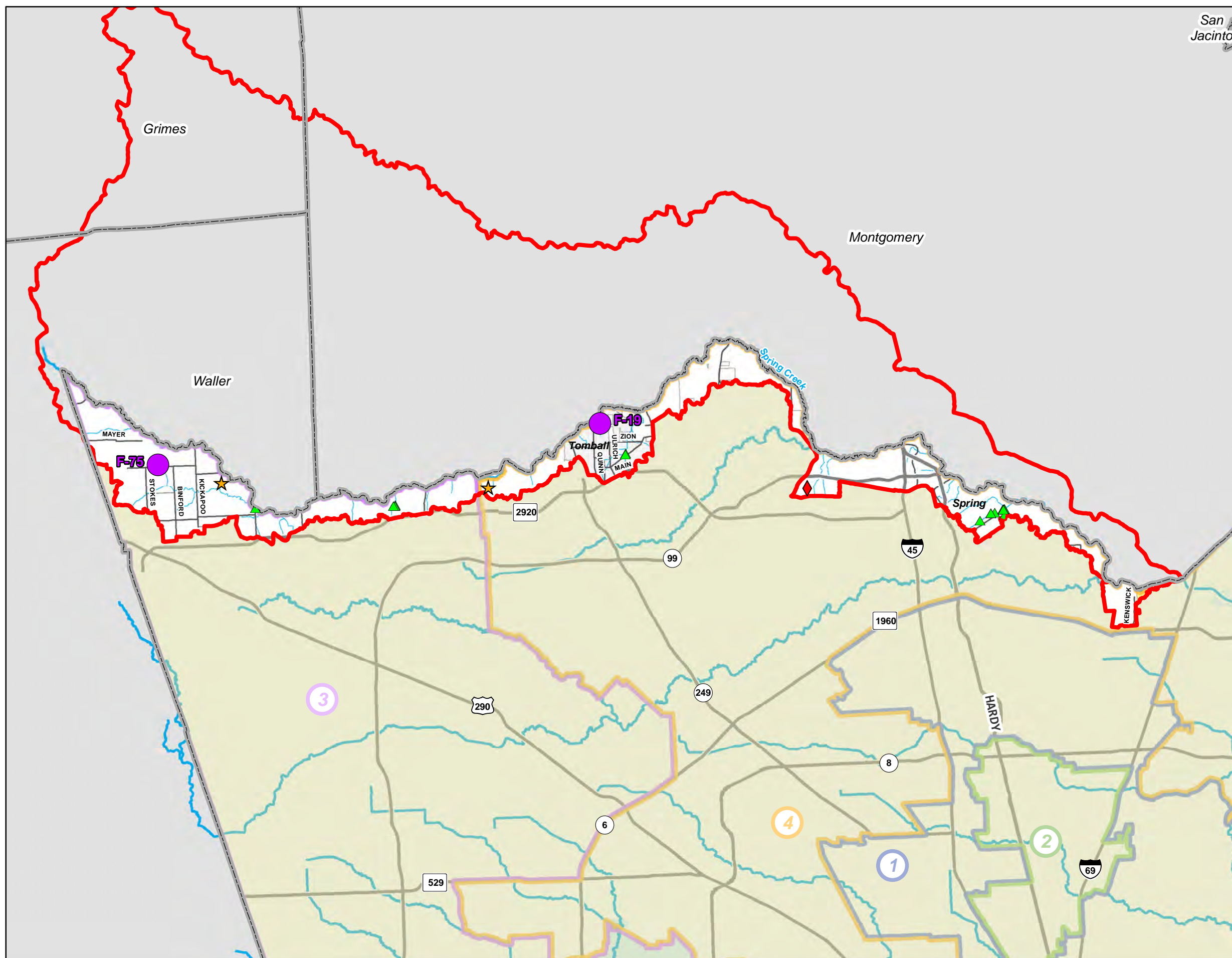
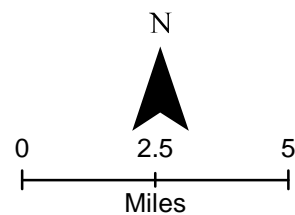




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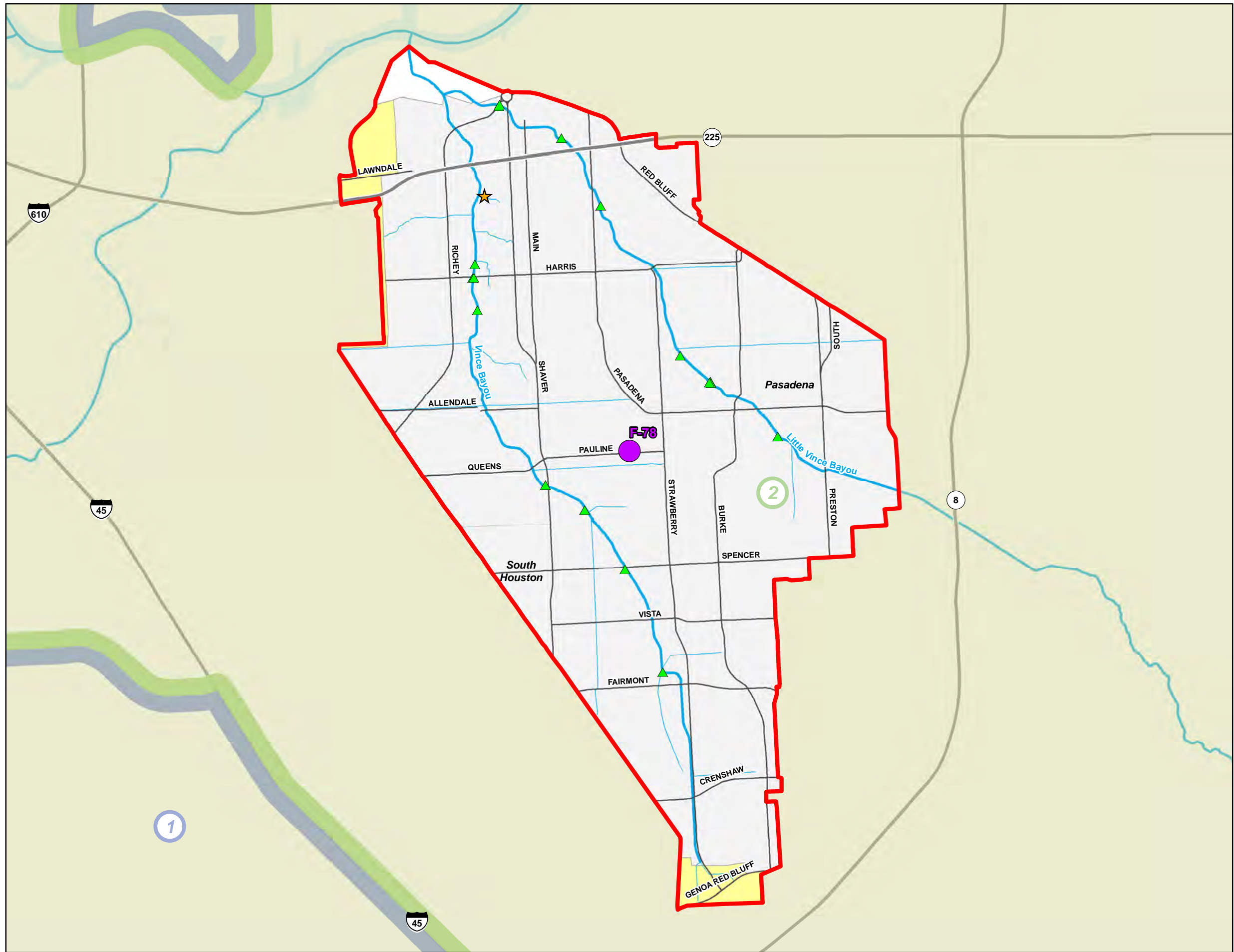
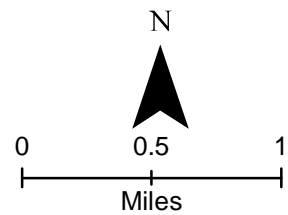
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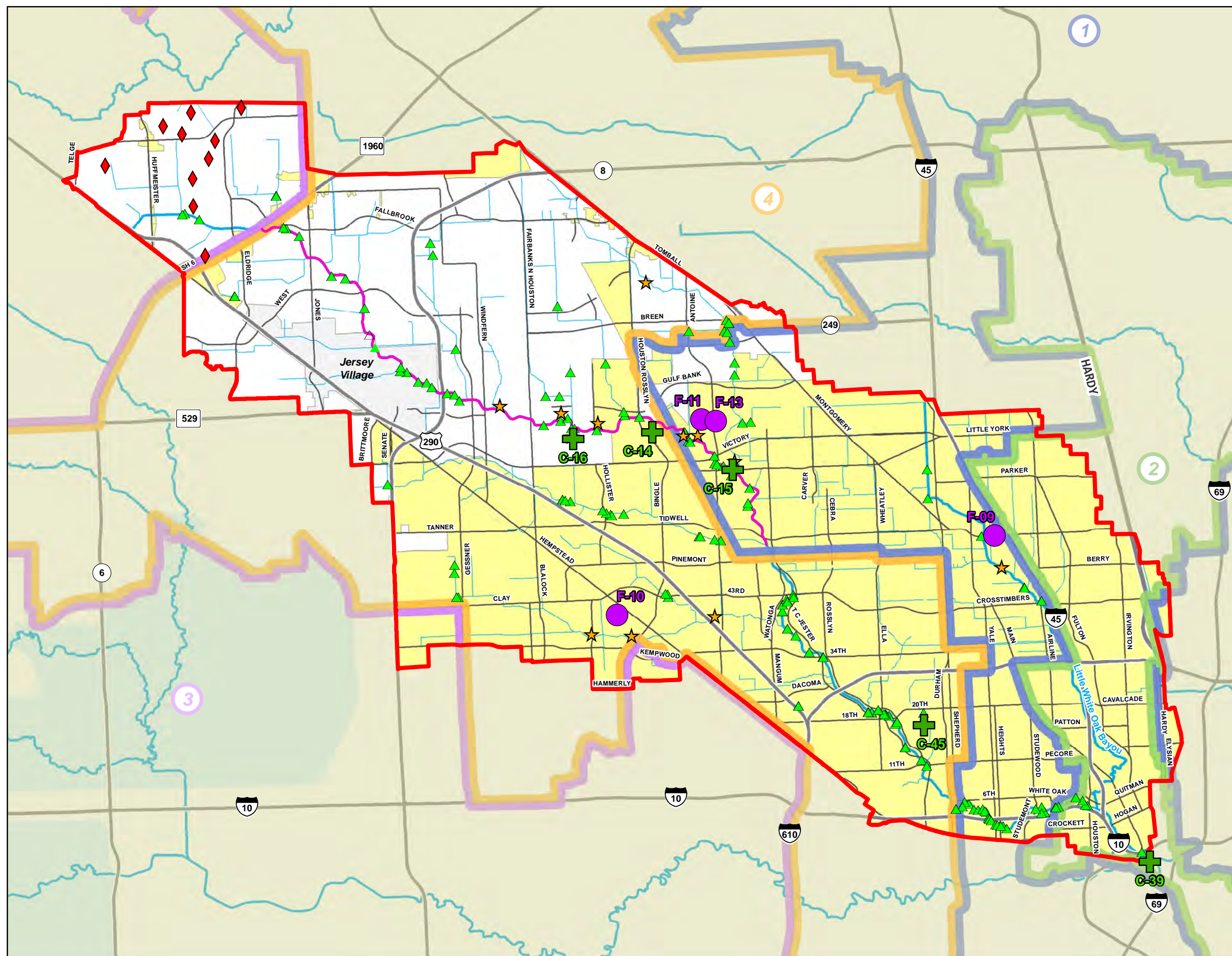
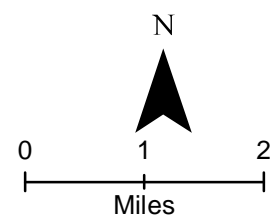
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