

6.0 IDENTIFIED PROBLEM AREAS

The results of the hydrologic and hydraulic (H&H) analyses on the seven regional areas as well as discussions with EPWater, the City of El Paso, Texas Department of Transportation (TxDOT), and EPCWID No. 1 have resulted in the identification of drainage problem areas, listed by region, then by drainage system. As noted in Section 2.0, the seven regional study areas are:

- Central;
- East Side;
- Mission Valley;
- Northeast;
- Northwest;
- West Central; and
- Mid-Valley.

The drainage problems within the first six of these regions are described in the original 2009 SMP, posted on the EPWater website at https://www.epwater.org/our_water/stormwater/master_plan. The problems within the Mid-Valley Region are discussed in Technical Memorandum No. 3, Stormwater Master Plan, Mid Valley Region (MCi, 2021), attached herein as Appendix A.

** 6.1 Localized Flooding Areas

This SMP focused on evaluation of the major drainage structures throughout the City. However, there are numerous locations that experience localized flooding not associated with a major drainage structure. Localized flooding in these circumstances consists of street flooding, clogged drains, drainage ditch overflows, lack of curb and gutter infrastructure, undersized conduits, and insufficient slope/grade along with other factors. These locations have been identified and documented by EPWU through storm reports and records of public calls to areas experiencing nuisance flooding. EPWU has identified over 200 locations subjected to this localized flooding. The localized flooding areas identified by EPWU are shown on Figures 6-1 through 6-6 and listed on Tables 6-1 through 6-6. These localized flooding areas were not part of the consultant team's regional analysis, but were provided by EPWU in a series of lists. The list that identified each problem is indicated by the map label used: Storm Report (SR), Top 25 List (T25), Nuisance List (NL), and Localized Flooding List (LF). They are included in this report to help consolidate all of the identified stormwater related problems into one document.

The City of El Paso has projects underway that may address some of these areas. As they are addressed, the areas will be removed from the localized flooding list.

****Table 6-1. Localized Flooding - Central Region**

CENTRAL REGION	
Map Label	Location
SR_5	Wyoming Ave and Palm
SR_7	Frutas Ave and Hammett St
SR_8	Durazno Ave
SR_9	Delta Dr and San Marcial St
SR_10	Paisano Dr and Hardesty Pl
SR_11	Alicia Dr
T25_8	Magoffin and Cotton
T25_9	Delta and Cebada Pump
T25_13	Houston and Montana
NL_7	Delta (Lisbon to Encino)
NL_8	Robert Alva (Lisbon)
NL_9	Lisbon (Delta to Alameda)
NL_11	5924 Delta
NL_12	Palm (Wyoming to Cole)
NL_13	Piasano (Citrus)
NL_14	Barcelona (Blanco)
NL_15	Medina (Delta)
NL_17	Piasano (Ochoa)
NL_18	Delta (Delaware)
NL_19	Flower (Huerta)
LF_11	Radford at NashvilleLF
LF_12	Marr St (Montana Ave to Yandell Dr)
LF_13	Tularosa Ave (Gateway North to Radford St)
LF_14	Yandell Dr (Gateway North to Radford St)
LF_15	Lebanon Ave (Russell St to 200 East)
LF_16	Maryland St Ph I (Simpia St to Geiger)
LF_17	Hardesty Pl (Paisano Dr to Orchard St)
LF_18	Orchard St (Tobin Pl to Shelter Pl)
LF_19	Val Verde (Edna Ave to Flower)
LF_20	Val Verde (Blanco to Flower)
LF_21	Val Verde (Flower to Dead End)
LF_22	Estrella St (San Antonio to Findley)
LF_23	Montana (Magnolia to Rosewood)
LF_24	Hills St (8th St to 9th St)
LF_25	Wyoming Ave (Cotton St N to Piedras)
LF_26	Sue Hall Ct (Hernandex to Fox)
LF_27	Comanche Ave (Tobin Pl to Arnulfo Pl)
LF_28	Comanche Ave (Francis St to Dolan St)
LF_29	Barney St (French Pl to Kyle St)
LF_30	Barney St (Francis St to Dolan St)
LF_31	California E/Nevada Alley (Ange St N to Octavia St)
LF_32	6th St (Mesa St S to Oregon St S)
LF_33	500 BK Stevens (Missouri Ave to Dead End Gateway)
LF_34	Cactus St (Bisbee Ave to Morenci Rd)
LF_35	Kerby Ave/E Brown St (Rim Rd to Los Padres Mine Dr)
LF_36	1407 E Yandell Dr Alley (Newman St to Langtry St)

****Table 6-1. Localized Flooding - Central Region (Continued)**

CENTRAL REGION	
Map Label	Location
LF_37	6th St (Tays St to Cotton Ave)
LF_38	Dolan St (Paisano Ave to Barney St)
LF_39	Francis St (Paisano Ave to Barney St)
LF_40	Commanche Ave (Tobin Pl to Concepcion St)
LF_41	Blanco Ave (Hernandez St to Concepcion St)
LF_42	Wyoming Ave (Cotton St to Virginia St)
LF_43	Myrtle Ave (Cotton St to Virginia St)
LF_44	Durazno (Estrella St to Luna St)
LF_45	San Antonio Ave (Estrella St to Raynor St)
LF_46	San Marcial St (Cypress St to Dead End)
LF_47	Estrella St (Findley St to Rivera)
LF_48	Rosa Ave (Estrella St to Cebada)

****Table 6-2. Localized Flooding - East Side Region**

EAST SIDE REGION	
Map Label	Location
SR_13	Lee Trevino Dr and Rojas Dr
SR_14	Rojas Dr and Kaiser Dr
SR_15	Gateway West Blvd and Kaiser Dr
SR_17	Montana Ave and McRae Blvd
SR_18	Turner Dr and Saul Kleinfeld
SR_88	Turner Dr and Saul Kleinfeld
T25_19	Adjacent to Stephanie and Francesca Basin
T25_21	James Watt East of Lee Trevino
T25_22	Saul Kleinfeld South of Montana
T25_23	Montana and Rutherglen
NL_34	Zanzibar (Album to Maxwood)
NL_35	Cielo Vista (Avalon to Honeysuckle)
NL_36	Diamond Head (Pali)
NL_37	3313 Kirkwall
NL_38	11720 Montana
NL_39	Kuna Loop
LF_123	Dick Mayers Dr @ Francis Scobee D
LF_158	Robert E Lee at Montana Ave
LF_159	Hawaiian Estates Subdivision
LF-160	Montwood Drive (McRae Blvd to Wedgewood Drive)

****Table 6-3. Localized Flooding - Mission Valley Region**

MISSION VALLEY REGION	
Map Label	Location
SR_12	Leonor Ct
T25_14	Carl Longuemare
T25_15	Playa Drain and C R Croom
*T25_16	Bown Street (Alameda and Riverside Area)
T25_17	Mesa Drain and Burgundy
T25_18	Hughes Circle
NL_20	Alameda
NL_21	Alameda (Little Flower)
NL_22	Alameda (Riverside to Ester Way)
NL_24	Alameda (Midway to McCarthy)
NL_25	Rosedale (Alameda to Franklin Canal)
NL_26	Hugh Cir (Roseway W. to Roseway E.)
NL_27	Davenport (Alameda to Roseway E.)
*NL_28	Roseway (Zaragosa)
*NL_29	Bowen (Alameda to Dead End)
NL_30	Alameda (Lafayette to Railroad Tracks)
*NL_31	Davis (Wingo Way to New Haven)
NL_32	570 Cora Pl
LF_49	Orgain Way (Dale Rd to N Loop Dr)
LF_50	Warnock Way (Dale Rd to N Loop Dr)
LF_51	Carey Way (Dale Rd to N Loop Dr)
LF_52	N Glenwood St (Alameda Ave to El Paso Dr)
LF_53	Mimosa Ave (Vocational Dr at Riverside H.S.)
LF_54	Mimosa Ave (Balsam Dr at Riverside M.S.)
LF_55	Mimosa Ave (Carolina Dr to Dodge Dr)
LF_56	Stiles Ditch Maintenance
LF_57	Santini Pl (Stiles Garden)
LF_58	Stiles Dr (Carolina Dr to Dodge Rd)
LF_59	Stiles Dr (Nichols Rd to Woolridge Dr)
LF_60	Stiles Dr (Bucher Rd to Dodge Rd)
LF_16	Maryland St Ph I (Simpia St to Geiger)
LF_61	Maryland St Ph II (Alameda Ave to Dead End)
LF_62	Durrill Rd Phase II (Alameda Ave to Wisteria St)
LF_63	Dale Rd (North Loop/Nichols Rd to Bucher Rd)
LF_66	N Maryland St (Alameda Ave to Griems St)
LF_68	Wayne Way (North Loop Dr to Dale Rd)
LF_69	Manor Pl (Alameda Ave to Barker Rd)
LF_70	Amethyst Rd (Polo Inn Rd to Dead End)
LF_71	Pearl Ln (Amethyst Rd to Dead End)
LF_72	Chip Chip Way (Alameda Ave to Dead End)
LF_73	Marquita Pl (Alameda Ave/Coronado Rd to Dead End)
LF_74	Awbrey (Alameda Ave to El Paso Dr)
LF_76	Collingsworth (Alameda Ave to El Paso Dr)
LF_77	Greims Ct (Clark St to Collingsworth)
LF_78	Barker Rd (Polo Inn Rd to J.C. Cramer Rd)

* These projects have been completed or are under construction by the City of El Paso.

****Table 6-3. Localized Flooding - Mission Valley Region (Continued)**

MISSION VALLEY REGION	
Map Label	Location
LF_79	Polo Inn Rd (Alameda Ave to Playa Drain)
LF_80	Delicias Ct (Southside to Guadalajara St)
LF_81	Santa Rosalia Ct (Southside to Guadalajara St)
LF_82	Guadalajara St (Reno Ct to Singh St)
LF_83	Yaya Ln (Socorro Rd to Carl Longuemere)
LF_84	San Miguel Dr (Paddlefoot Dr)
LF_85	Reno Ct (Southside to Guadalajara Dr)
LF_86	Singh St (Delicias Ct to Socorro Rd)
LF_87	Carrazza Dr (Southside Dr to Corralitos Ave)
LF_88	Corralitos Ave (Southside Dr to Carl Longuemare)
LF_89	San Simon Ln (Corralitos Ave to Dead End)
LF_90	San Lorenzo Ave (Southside Dr to Carl Longuemare)
LF_91	Milton Rd (La Senda Dr to San Jose Rd)
LF_92	Chapel Pl (Starr Ave to Dead End)
LF_93	Calvan Pl (Beatriz Ln to Dead End)
LF_94	Winchester Rd (Davis Dr to Dead End)
LF_95	Fresno Dr (Tulane Dr to Valley View Dr)
LF_96	Greggerson Dr (Troy Ave to Harvard Ave)
LF_97	Riverdale St (Valley View to Dead End)
LF_98	Schwabe St (Starr Ave to Valley View)
LF_99	Valley View Dr (Schwabe St to Pasodale Rd)
LF_100	Yale Ave (Pinon St to Greggerson Dr)
LF_101	Columbia Ave (Greggerson Dr to Pinon St)
LF_102	Princeton Way (Valley View Dr to Greggerson Dr)
LF_103	Cooley Ave (Greggerson Dr to Arvin Cir)
LF_104	Harvard Ave (Greggerson Dr to Pinon St)
LF_105	Montecito Dr (Lilac Way to Laura Way)
LF_106	Lucero Ln (Link Dr to Link Dr)
LF_107	Petty Ln (Link Dr to Link Dr)
LF_108	Ranger St (Escobar to Sandhill)
LF_109	Wingo Way (Davis to New Haven)
LF_110	Lafayette Dr (San Jose Rd to Alameda Ave)
LF_111	McCune Rd (La Senda Dr to San Jose Rd)
LF_112	La Senda Dr (Dead End to McCune Rd)
LF_113	Rosemary St (Wenda Dr to North Loop)
LF_114	Kitt Rd (San Jose Rd to Dead End)
LF_115	Terry Ct (La Senda Dr to Rosemary St)
LF_116	East Rd (La Senda Dr to North Loop)
LF_117	Lomita Dr (Highland Dr to Eastland)
LF_118	Keeney Ct (Alameda Ave to Landon)
LF_119	Roseway Dr (New Haven Dr to Davis Dr)
LF_120	Marciela Dr (Yolanda Dr to Teodora Espinoza)
LF_121	Paddlefoot Ln (Prado Rd to Prado Rd)
LF_122	Sycamore Way (Dale Rd to North Loop)
LF_156	Hughes Circle (New Haven)

****Table 6-4. Localized Flooding - Northeast Region**

NORTHEAST REGION	
Map Label	Location
SR_1	Fairbanks Dr
SR_2	Thor St and Winthrop Dr
SR_3	Manuel Gameros Dr
SR_4	Alcan St and Trans Mountain Rd
T25_1	Lincoln b/w Stevens and Lackland
T25_2	Byron and Clearview
T25_3	Fred Wilson near Cemetery
T25_4	Hondo Pass and Neptune
T25_5	MLK and Marcus Uribe
T25_6	MLK and Jon Cunningham
T25_7	Woodrow Bean and Rushing
NL_1	Pheasant
NL_2	Woodberry
NL_3	Prince Edward
NL_5	Sun Valley (Gateway North)
NL_6	Dyer (Angora Loop)
LF_1	McConnell Ave (Byron St to Dyer St)
LF_2	Capitan Cir (Hercules Ave to Mt Latona Dr)
LF_3	Annette Ave and Dyer St (Corner)
LF_4	Old Spanish Trail (Zion Dr to Dead End)
LF_5	Hondo Pass Dr (Dyer St to Railroad Dr)
LF_6	Joe Herrera Dr (Diana Dr to McCombs St)
LF_7	Wren Ave (Dyer St to Railroad Dr)
LF_8	Salisbury Dr (Joe Herrera Dr to Hollings St)
LF_9	Hollings St (Hondo Pass to Joe Herrera Dr)
LF_10	Raleigh Dr (Joe Herrera Dr to Marie Tobin Dr)

****Table 6-5. Localized Flooding - Northwest Region**

NORTHWEST REGION	
Map Label	Location
SR_19	De Leon Dr
SR_20	Mesa Hills Dr
SR_21	Wallenberg Dr
SR_22	Thunderbird Dr
SR_23	Silver Springs Dr
*SR_24	Ocotillo Rd and Charl Ann Dr
T25_24	Artcraft Turnaround west of Doniphan
*T25_28	(84Lumber)McCutcheon St. off Redd Rd and Doniphan
*NL_40	Charl Ann (Country Club to Mulberry)
*NL_42	McCutcheon (Redd Rd to Doniphan)
*NL_43	Ocotillo (Charl Ann to Country Club)
NL_44	Fernwood (Redd Rd East to Redd Rd West)
*NL_45	Redd Road (East side to Doniphan)
NL_46	Redd Road (Doniphan to Fernwood)
NL_49	Green Cove (Montoya to West)
NL_50	Bauxite (Bauxite to Doniphan)
NL_51	Equestre (Caporal to La Mirada)
NL_52	Thorn (Doniphan)
NL_53	Montoya Rd (Meadow Lark to Ontiveros)
NL_54	Redwing (Cul de sac to End)
NL_55	Meadowlark (Montoya to Vista De Monte)
*NL_56	Lindbergh (Charl Ann to Montoya)
NL_57	Love Rd. (Lombardy)
NL_61	Maxie Marie (Upper Valley to End)
NL_62	Camino Norte (Upper Valley to End)
NL_63	Kapriz Whitney (Upper Valley to End)
NL_64	Oscar Perez (Upper Valley to End)
NL_65	Valle Bello (West Side Dr. to End)
NL_67	Tyler Seth (West Side Dr. to End)
NL_68	Valley (West Side Dr. to End)
NL_69	Miss Bev (Valley to East)
NL_70	Kimberly (Valley to East)
NL_71	Angel St (Gomez to End)
NL_58	Via De Los Arboles (Upper Valley to Laguna Vista)
NL_72	Laguna Vista (Via De Los Arboles)
LF_124	Ethel Rd. Ph. I (Coates Rd to Medano)
LF_125	Ethel Rd. Ph. II (Coates Rd to Edgar Rd)
LF_126	Johannsen Rd. (Coates Rd to Edgard Rd)
LF_127	6600 Cloudview
LF_128	Coates Dr (Desert Blvd to Doniphan Rd)
LF_129	Edgar Rd (Doniphan Rd to Dead End)
LF_130	Annie St (Ethel Rd to Dead End)
LF_131	Montoya Ln (Doniphan to S Desert Blvd)
LF_132	Ruby Dr (Ethel Rd to Dead End)

* These projects have been completed or are under construction by the City of El Paso.

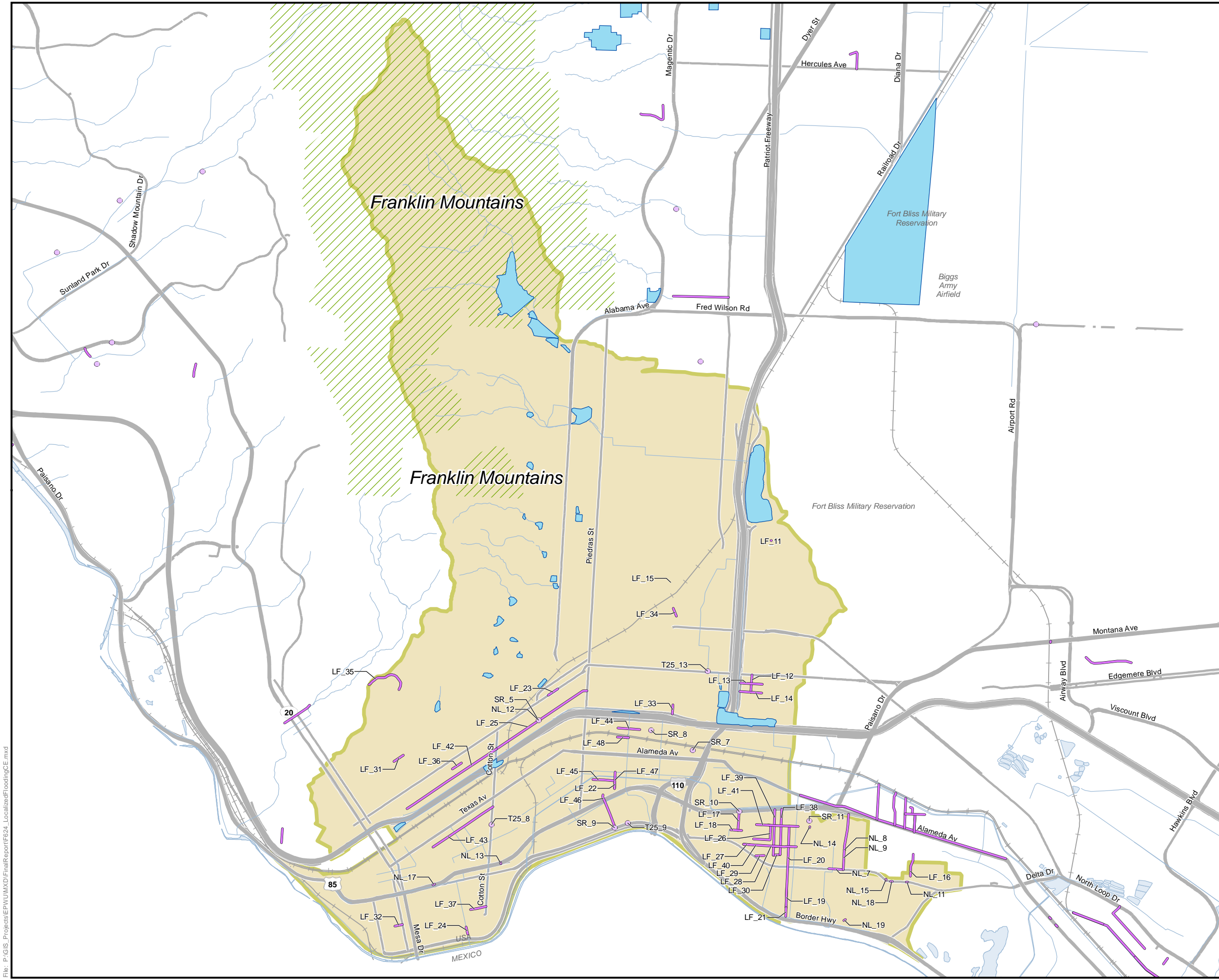
****Table 6-5. Localized Flooding - Northwest Region (Continued)**

NORTHWEST REGION	
Map Label	Location
LF_133	Medano Dr (S Desert Blvd to Doniphan Rd)
LF_134	Johannsen Rd (Montoya to Dead End)
LF_135	Batiste Ln (Edgar Rd to Conifero Ct)
LF_136	Mike Ln (Ethel Rd to Johannsen Rd)
LF_137	Conifero Ct (Ethel Rd to Dead End)
LF_138	Liana Ct (Ethel Rd to Dead End)
LF_139	Valdez Rd (Medano Dr to Ruby Rd)
LF_140	Night Fall Place (Cloudy Sky Dr)
LF_141	Crescent Moon Dr (Night Fall Place to Twilight View)
LF_142	Morning Dawn (Night Fall Place to Twilight View)
LF_143	Starry Night Dr (S Desert Blvd to Night Fall Place)
LF_144	Twilight View Way (Night Fall Place to Starry Night Dr)
LF_145	Blue Sky Dr (S Desert Blvd to Cloudy Sky Dr)
LF_146	Cloudy Sky Dr (Blue Sky Dr to Thunderstorm Dr)
LF_147	Thunderstorm Dr (Cloudy Sky Dr to Daybreak Dr)
LF_148	Summer Sun Way (Cloudy Sky Dr to Daybreak Dr)
LF_149	Elmwood Rd (Montoya Dr to Dead End)
LF_150	Mamie Rd (Montoya Dr to Dead End)
LF_151	Gary Lane (Boy Scout Ln to New Mexico Border)
LF_152	Benedict Rd (Perth Ct to Bendford)
*LF_153	Wallenberg Dr (Mesa Hills Dr S to Eagle Dr)
LF_157	Columbine St (Country Club)

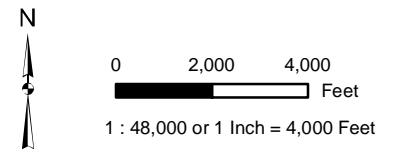
* These projects have been completed or are under construction by the City of El Paso.

****Table 6-6. Localized Flooding - West Central Region**

WEST CENTRAL REGION	
Map Label	Location
T25_29	Doniphan at Hillside
NL_59	Hillside (Doniphan to Magdalena)
NL_60	Boston Ave (Oregon to Campbell)
LF_154	200 BK Profirio Diaz Alley (Missouri to Mundy Dr)
LF_35	Kerby Ave/E Brown St (Rim Rd to Los Padres Mine Dr)
LF_155	Festival Dr (Mardi Gras Dr to Carousel Dr)



- Legend**
- Localized Flooding Problem Area
 - Localized Flooding Problem Area
 - Dam/Basin
 - Franklin Mountains
 - Central System
 - Major Road
 - Railroad
 - Streamline
 - Water Body

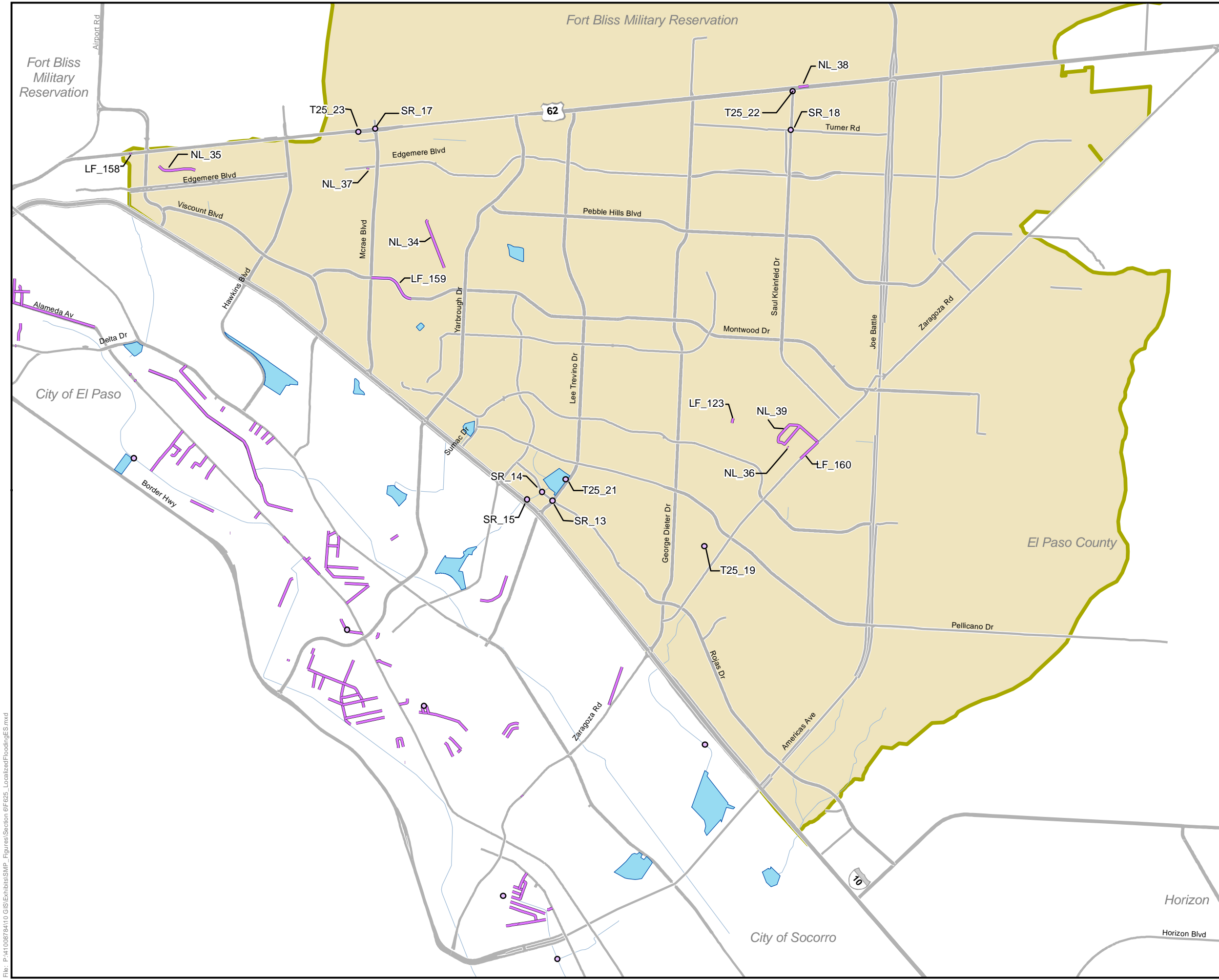


**Localized Flooding
Central Region**
El Paso Stormwater Master Plan

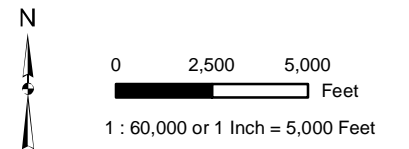
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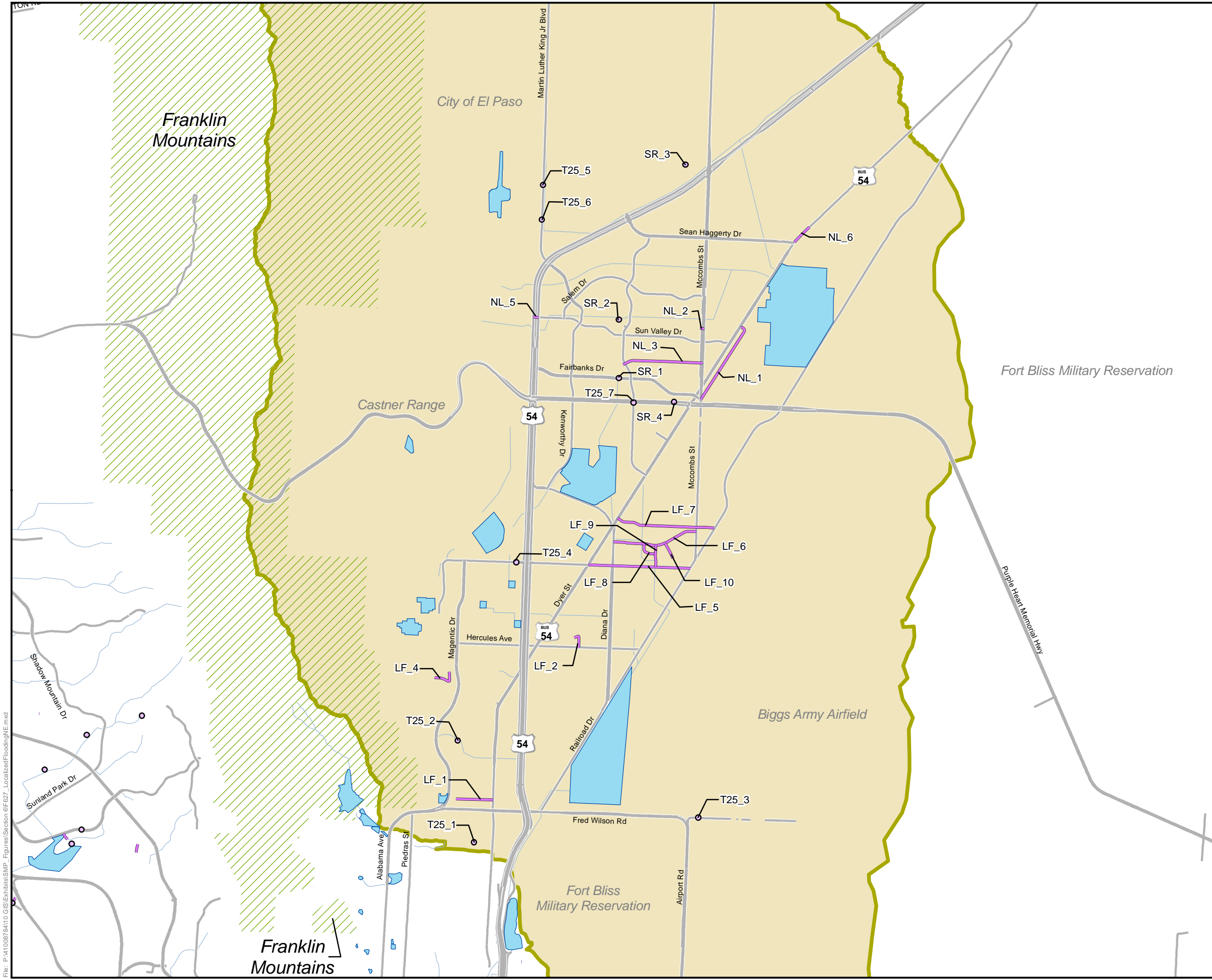
- Legend**
- Localized Flooding Problem Area
 - Localized Flooding Problem Area
 - Dam/Basin
 - East Side System
 - Major Road
 - Streamline



**Localized Flooding
East Side Region**
El Paso Stormwater Master Plan

Date: 03/05/2009 ** Figure 6-2

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Legend

- Localized Flooding Problem Area
- Localized Flooding Problem Area
- Dam/Basin
- ▨ Franklin Mountains
- ▭ Northeast System
- Major Road
- Streamline

N

0 3,000 6,000 Feet

1 : 72,000 or 1 Inch = 6,000 Feet

**Localized Flooding
Northeast Region**
El Paso Stormwater Master Plan

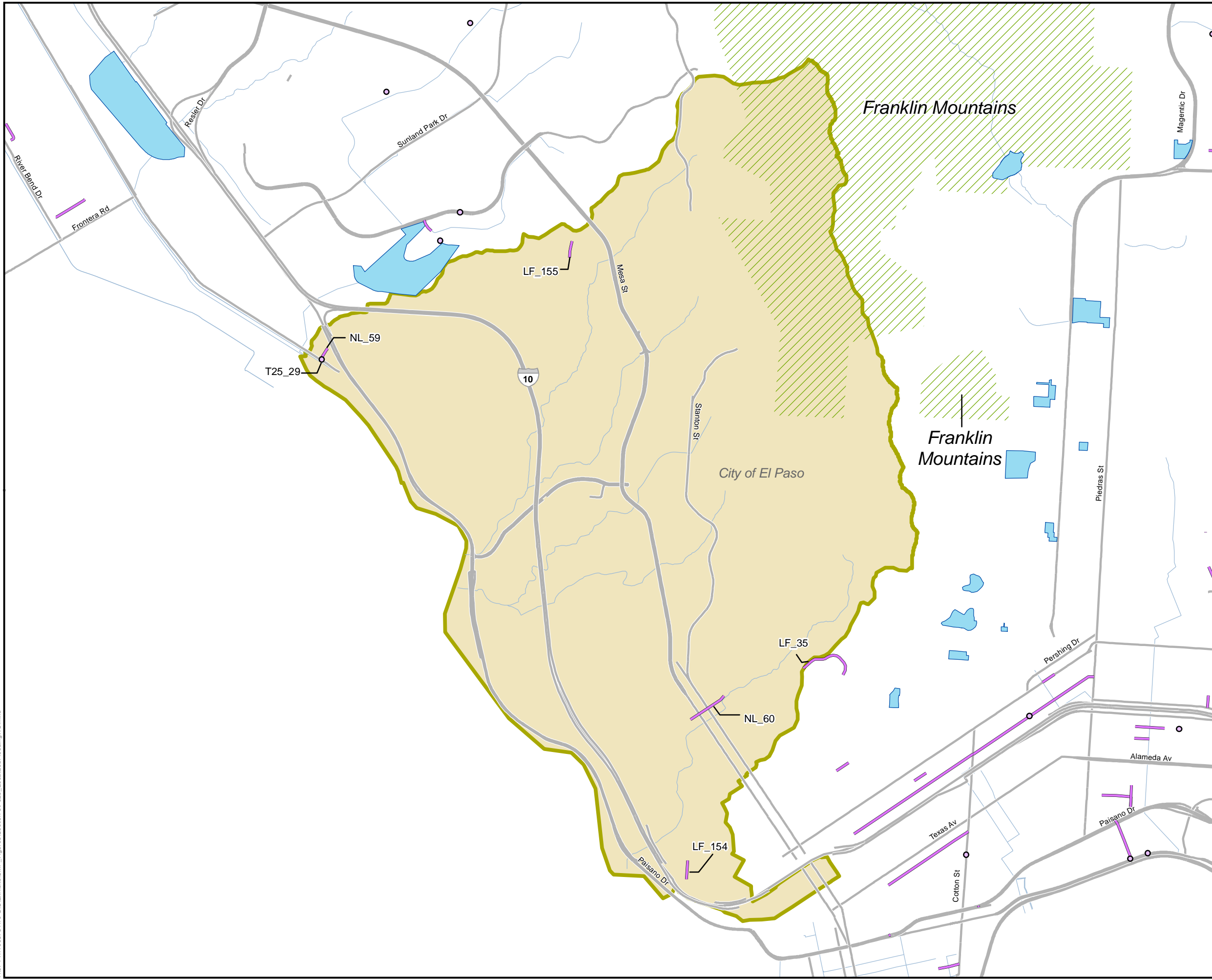
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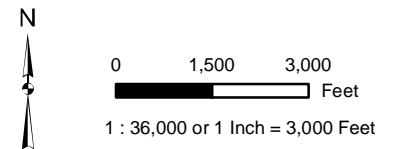



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- Legend**
- Localized Flooding Problem Area
 - Localized Flooding Problem Area
 - Dam/Basin
 - ▨ Franklin Mountains
 - West Central System
 - Major Road
 - Streamline



**Localized Flooding
West Central Region**
El Paso Stormwater Master Plan

Date: 03/05/2009 ** Figure 6-6

