

Appendix D.

## MAJOR DRAINAGE FACILITIES

**SANTA FE PEL STUDY  
MAJOR DRAINAGE CROSSINGS**

| Structure ID      | Route Name               | Route Number | Milepoint | Feature Intersected         | Floodplain/Floodway     | 10-year Discharge (cfs) | 50-year Discharge (cfs) | 100-year Discharge (cfs) | 500-year Discharge (cfs) | 10-year WS Elev. (ft) | 50-year WS Elev. (ft) | 100-year WS Elev. (ft) | 500-year WS Elev. (ft) | Thalweg Elev. (ft) | OSP/MDP/FHAD/FIS   |
|-------------------|--------------------------|--------------|-----------|-----------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-----------------------|-----------------------|------------------------|------------------------|--------------------|--|
| F-16-BI           | Alameda Avenue           | 026B         | 14.022    | South Platte River          | Zone AE                 |                         |                         | 18000                    |                          |                       |                       | 5223.5                 |                        | 5211.0             | South Platte River Sand Creek to Oxford Avenue FHAD 1985   |
| F-16-XA           | Santa Fe Drive           | 085B         | 210.5     | South Platte River          | Zone AE                 |                         |                         | 18000                    |                          |                       |                       | 5227.7                 |                        | 5213.9             | South Platte River Sand Creek to Oxford Avenue FHAD 1985   |
| F-16-XT           | I-25                     | 025A         | 207.784   | Drainage Ditch              | Zone AO                 |                         |                         |                          |                          |                       |                       |                        |                        |                    |  |
| 025A206400BR      | I-25                     | 025A         | 206.475   | Unnamed Drainage            | Zone AE                 |                         |                         |                          |                          |                       |                       |                        |                        |                    |  |
| D-02-PR-220       | Mississippi Avenue       |              |           | South Platte River          | Zone AE                 |                         |                         | 18000                    |                          |                       |                       | 5235.4                 |                        | 5222.7             | South Platte River Sand Creek to Oxford Avenue FHAD 1985   |
| F-16-IL           | Santa Fe Drive           | 085B         | 209.615   | South Platte River          | Zone AE                 |                         |                         | 18000                    |                          |                       |                       | 5238.6                 |                        | 5221.4             | South Platte River Sand Creek to Oxford Avenue FHAD 1985   |
| D-02-PR-250       | Florida Avenue           |              |           | South Platte River          | Zone AE                 |                         |                         | 17300                    |                          |                       |                       | 5242.3                 |                        | 5227.8             | South Platte River Sand Creek to Oxford Avenue FHAD 1985   |
| D-02-PR-260A      | Evans Avenue             |              |           | South Platte River          | Zone AE                 |                         |                         | 16500                    |                          |                       |                       | 5254.2                 |                        | 5238.0             | South Platte River Sand Creek to Oxford Avenue FHAD 1985   |
| ENGLWD-DAPR       | Dartmouth Avenue         |              |           | South Platte River          | Zone AE                 |                         |                         | 16500                    |                          |                       |                       | 5267.1                 |                        | 5253.9             | South Platte River Sand Creek to Oxford Avenue FHAD 1985   |
| Dartmouth Culvert | Dartmouth Avenue         |              |           | Little Dry Creek            | Zone AE                 |                         |                         | 762                      |                          |                       |                       |                        |                        |                    | City of Englewood OSP 1999                                 |
| ENGLWD-DARR       | East Railroad            |              |           | Little Dry Creek            | Zone AE                 | 2470                    | 3420                    | 3770                     | 6200                     |                       |                       | 5274.0                 |                        |                    | Arapahoe County FIS 2018                                   |
| ENGLWD-DARR2      | West Railroad            |              |           | Little Dry Creek            | Zone AE                 | 2470                    | 3420                    | 3770                     | 6200                     |                       |                       | 5274.0                 |                        |                    | Arapahoe County FIS 2018                                   |
| F-16-JI           | Santa Fe Drive           | 085B         | 207.295   | Little Dry Creek            | Zone AE                 | 2470                    | 3420                    | 3770                     | 6200                     |                       |                       | 5274.0                 |                        |                    | Arapahoe County FIS 2018                                   |
| ENGLWD-PLDA       | South Platte River Drive |              |           | Little Dry Creek            | Zone AE                 | 2470                    | 3420                    | 3770                     | 6200                     |                       |                       | 5274.0                 |                        |                    | Arapahoe County FIS 2018                                   |
| SHER-02-0.20-02   | Hamilton Place           |              |           | South Platte River          | Zone AE                 | 4900                    | 10900                   | 14600                    | 25000                    |                       |                       |                        |                        |                    | Arapahoe County FIS 2018                                   |
| F-16-ES           | Hampden Avenue           | 285D         | 259.198   | South Platte River          | Zone AE                 | 4900                    | 10900                   | 14600                    | 25000                    |                       |                       |                        |                        |                    | Arapahoe County FIS 2018                                   |
| SHER-01-0.50 -1A  | Oxford Avenue            |              |           | South Platte River          | Outside of study limits |                         |                         | 13500                    |                          |                       |                       | 5273.8                 |                        | 5263.9             | South Platte River Sand Creek to Oxford Avenue FHAD 1985   |
| ENGLWD-UNPR       | Union Avenue             |              |           | South Platte River          | Outside of study limits | 4300                    | 9500                    | 12700                    | 2200                     |                       |                       |                        |                        |                    | Arapahoe County FIS 2018                                   |
| F-16-B            | Santa Fe Drive           | 085B         | 205.085   | Big Dry Creek               | Zone AE                 | 1519                    | 3694                    | 4628                     | 6560                     | 5317.3                | 5320.5                | 5322.0                 | 5326.4                 | 5309.9             | Big Dry Creek Downstream of County Line Road FHAD 2018     |
| F-16-OU           | Belleview Avenue         | 088A         | 8.308     | South Platte River          | Outside of study limits | 3100                    | 6170                    | 7940                     |                          |                       |                       |                        |                        |                    | South Platte River Chatfield Dam to Baseline Road MDP 1985 |
| LTNB.232-03.000   | S. Prince Street         |              |           | South Platte River          | Outside of study limits | 3100                    | 6170                    | 7940                     |                          |                       |                       |                        |                        |                    | South Platte River Chatfield Dam to Baseline Road MDP 1985 |
| STGM13034         | Santa Fe Drive           | 085B         | 204.490   | Irrigation and local runoff | Zone X                  |                         |                         |                          |                          |                       |                       |                        |                        |                    |  |
| STGM13200         | Santa Fe Drive           | 085B         | 204.490   | Irrigation and local runoff | Zone X                  |                         |                         |                          |                          |                       |                       |                        |                        |                    |  |
| F-16-UB           | Santa Fe Drive           | 085B         | 204.356   | Lower Slaughterhouse Gulch  | Zone AE                 | 1400                    | 1700                    | 2000                     | 2900                     |                       |                       | 5328.0                 |                        |                    | Arapahoe County FIS 2018                                   |
| F-16-JM           | W. Bowles Avenue         |              |           | South Platte River          | Outside of study limits | 3100                    | 6170                    | 7940                     |                          |                       |                       |                        |                        |                    | South Platte River Chatfield Dam to Baseline Road MDP 1985 |
| F-16-KD           | Santa Fe Drive           | 085B         | 203.684   | Little's Creek              | Zone A                  | 942                     | 1676                    | 2256                     | 3125                     | 5328.15               | 5329.27               | 5330.08                | 5331.29                | 5324.68            | Little's Creek FHAD 2012                                   |
| STGM12264         | Santa Fe Drive           | 085B         | 203.684   | Little's Creek              | Zone A                  | 942                     | 1676                    | 2256                     | 3125                     | 5328.15               | 5329.27               | 5330.08                | 5331.29                | 5324.68            | Little's Creek FHAD 2012                                   |
| F-16-AA           | Santa Fe Drive           | 085B         | 202.808   | Lee Gulch                   | Zone AE                 | 1900                    | 2500                    | 2900                     | 4500                     |                       |                       | 5370.1                 |                        |                    | Arapahoe County FIS 2018                                   |
| STGM13102         | Union Pacific Railroad   |              |           | Irrigation and local runoff | Zone X                  |                         |                         |                          |                          |                       |                       |                        |                        |                    |  |
| F-16-FA           | Santa Fe Drive           | 085B         | 201.029   | Lower Dad Clark Gulch       | Zone X                  |                         |                         | 1780                     |                          |                       |                       | 5376.2                 |                        | 5372.6             | Lower Dad Clark Gulch FHAD and DFA 1990                    |
| F-16-KO           | Santa Fe Drive           | 085B         | 201.027   | Lower Dad Clark Gulch       | Zone X                  |                         |                         | 1780                     |                          |                       |                       | 5376.2                 |                        | 5372.6             | Lower Dad Clark Gulch FHAD and DFA 1990                    |