

**2.5 MG Lower Pressure Plane EST #1**  
Elevated Storage Tank (2019)  
Overflow Elev. = 805 ft.

**2.5 MG Lower Pressure Plane EST #2**  
Elevated Storage Tank (2031)  
Overflow Elev. = 805 ft.

**2.0 MG Prosper Trail EST**  
Elevated Storage Tank  
Overflow Elev. = 926 ft.

**2.0 MG Preston EST**  
Elevated Storage Tank  
Overflow Elev. = 926 ft.

**Upper Pressure Plane Pump Station**  
Total Pumping Capacity = 25.0 MGD  
Firm Pumping Capacity = 18.0 MGD  
Expand Firm Pumping Capacity to 25.0 MGD (2028)  
1 - 3.0 MG Ground Storage Tank  
1 - 5.0 MG Ground Storage Tank

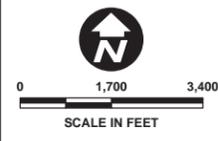
**FIGURE 3-7**  
**TOWN OF PROSPER**  
**BUILDOUT WATER SYSTEM**  
**CAPITAL IMPROVEMENT PROJECTS**

**LEGEND**

- |  |   |                      |
|--|---|----------------------|
| <b>2016 - 2021 Proposed Improvements</b>     | <b>Under Design/Construction Water System</b> | Road                 |
| Proposed Pressure Reducing Valve             | Pressure Reducing Valve                       | Railroad             |
| Proposed Pump Station                        | Elevated Storage Tank                         | Stream               |
| Proposed Ground Storage Tank                 | Water Line                                    | Lake                 |
| Proposed Elevated Storage Tanks              | <b>Existing Water System</b>                  | Parcel               |
| Proposed Water Line                          | Existing Pressure Reducing Valve              | Town Limit           |
| Proposed Supply Line                         | Existing Pump Station                         | ETJ Boundary         |
| <b>2022 - 2026 Proposed Improvements</b>     | Existing Ground Storage Tank                  | County Boundary      |
| Proposed Water Line                          | Existing Elevated Storage Tank                | Lower Pressure Plane |
| <b>2027 - Buildout Proposed Improvements</b> | 8" and Smaller Water Line                     | Upper Pressure Plane |
| Proposed Pump Station                        | 10" and Larger Water Line                     |                      |
| Proposed Ground Storage Tank                 | <b>NTMWD Water System</b>                     |                      |
| Proposed Elevated Storage Tank               | Water Line                                    |                      |
| Proposed Water Line                          |   |                      |

**Lower Pressure Plane Pump Station Improvements**

- 2** New 10.0 MGD Pump Station and 6.0 MG Ground Storage Tank (2019)
- 6** Expand Firm Pumping Capacity to 25.0 MGD (2024)
- 18** Second 6.0 MG Ground Storage Tank (2030)
- 25** Expand Firm Pumping Capacity to 40.0 MGD (2036)



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