

Master Development Plan for the TxDOT North Tarrant Express Project Segments 2-4

Chapter 5: Preliminary Design – Schematics and Reports



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5. Preliminary Design – Schematics and Reports

The preliminary design of the NTE Segments has been carried out to accomplish the goals of improved mobility, reduced congestion and minimized use of public funds. Schematics, plans and layouts have been previously submitted as attachments to the Draft Facilities Report. The types of information provided and organization thereof are described below.

Schematics: Preliminary ultimate configuration schematics have been provided for all Segments. The schematics provided include horizontal and vertical alignments, typical sections, ROW requirements, access to businesses and residences and locations of structures.

Utility Drawings: Utility drawings resulting from the Subsurface Utility Engineering investigation performed for the Project are included as Attachments 2.5 through 2.8.

The schematics and utility drawings have been provided as 18-inch roll plots and labeled as follows:

- Attachment 2.1: Segment 2E Schematics
- Attachment 2.13: Segment 3A Schematics
- Attachment 2.14: Segment 1A (IH 35W / IH 820 Interchange) Schematics
- Attachment 2.15: Segment 3B Schematics
- Attachment 2.2: Segment 3C Schematics
- Attachment 2.3: Segment 4 Schematics
- Attachment 2.4: Segment 2E Utility Drawings
- Attachment 2.5: Segment 3A Utility Drawings
- Attachment 2.6: Segment 3B Utility Drawings
- Attachment 2.7: Segment 3C Utility Drawings
- Attachment 2.8: Segment 4 Utility Drawings

Preliminary Hydrologic / Hydraulic Studies: Hydrologic / hydraulic studies have been provided for all Segments. These studies are in the form of bound reports, and are labeled as follows:

- Attachment 2.9: Segment 2E Hydrologic / Hydraulic Study
- Attachment 2.10: Segments 3A and 3B Hydrologic / Hydraulic Study
- Attachment 2.11: Segment 3C Hydrologic / Hydraulic Study
- Attachment 2.12: Segment 4 Hydrologic / Hydraulic Study