

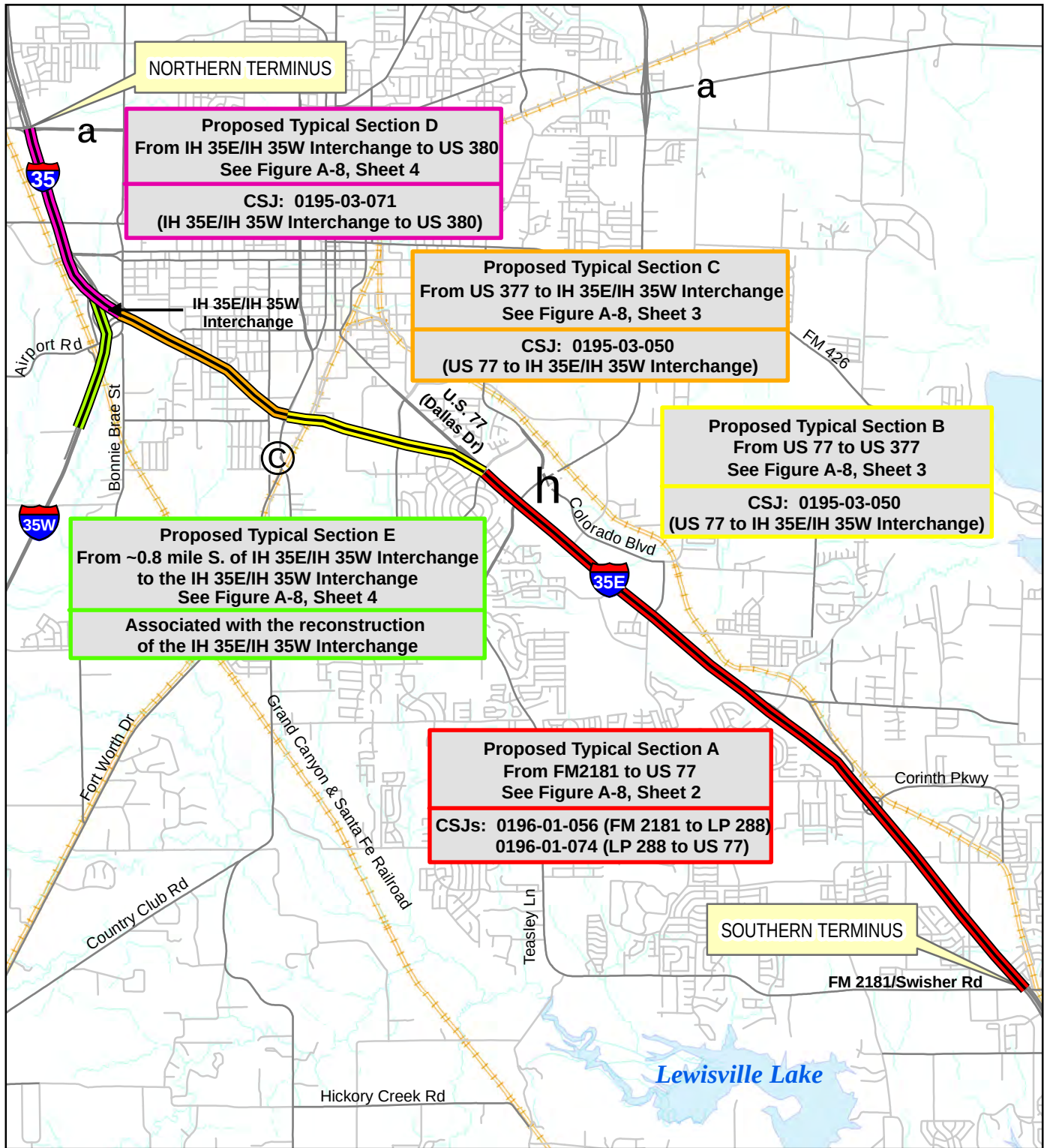


FIGURE A-8 (Sheet 1 of 6)
Typical Section Index
for Figures A-8, Sheets 2 - 4

IH 35E from FM 2181 to US 380
Denton County, Texas



0 3,000 6,000
Feet

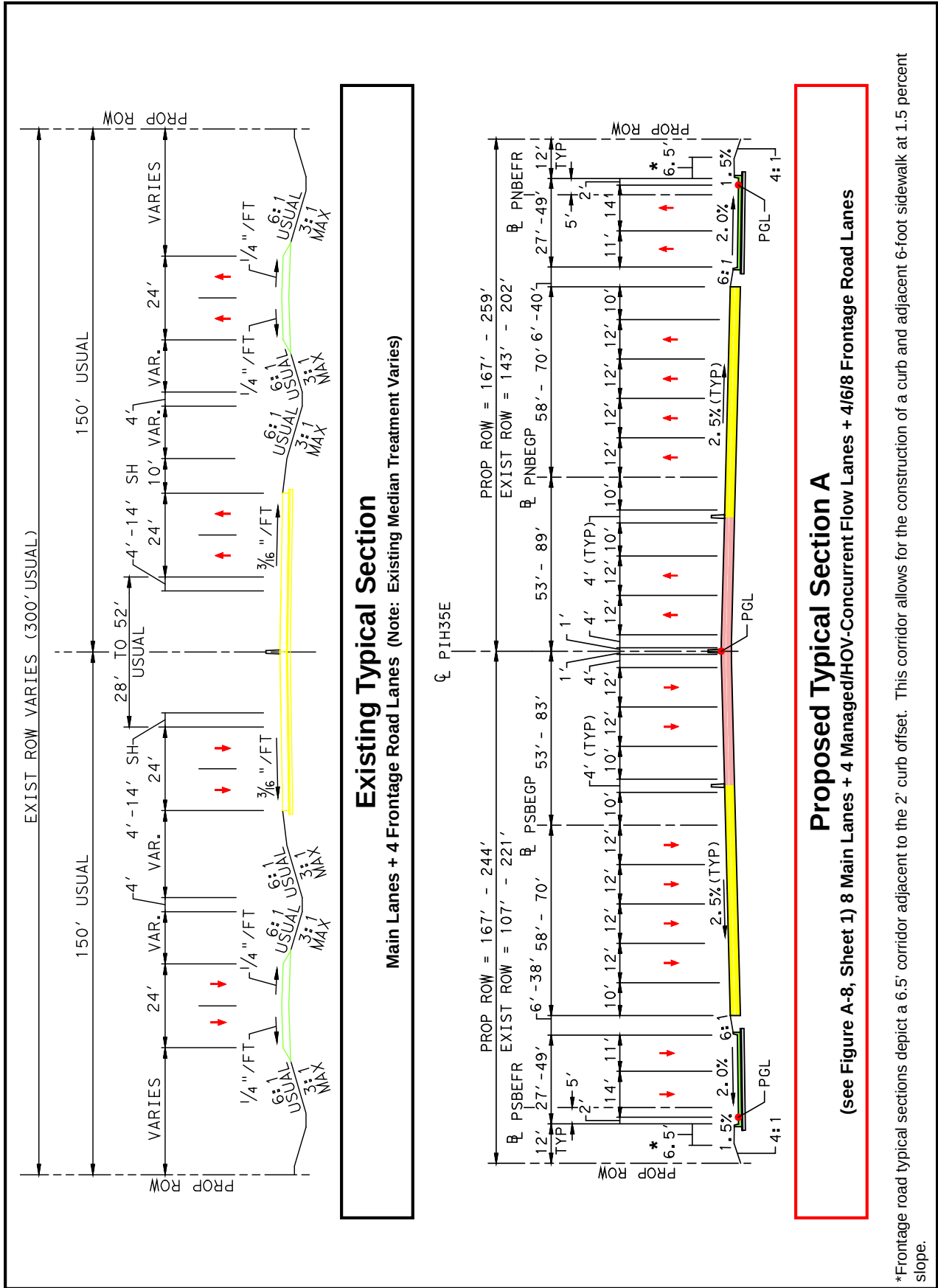
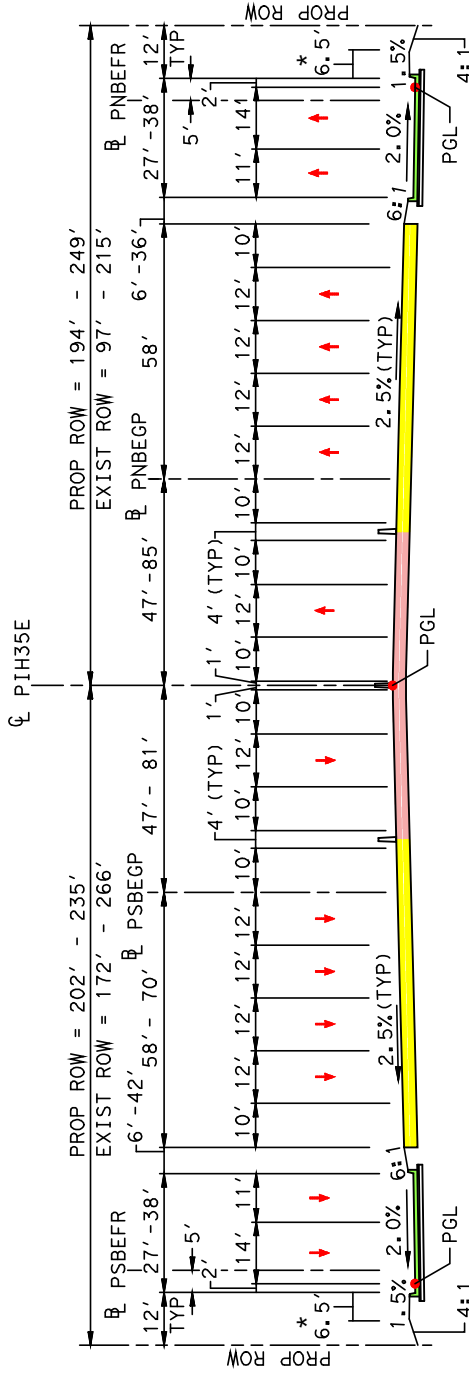
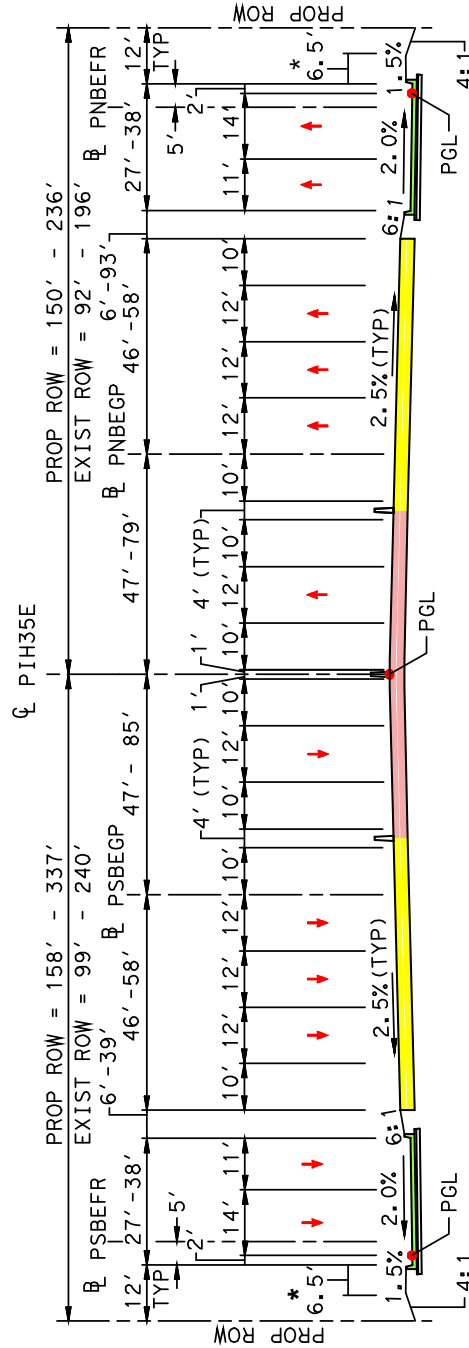


Figure A-8 (Sheet 2 of 6)
Existing and Proposed Typical Sections
IH 35E from FM 2181 to US 380, Denton County, Texas
-- Not to Scale --



Proposed Typical Section B

(see Figure A-8, Sheet 1) 8 Main Lanes + 2 Managed/HOV-Concurrent Flow Lanes + 4/6 Frontage Road Lanes



Proposed Typical Section C

(see Figure A-8, Sheet 1) 6 Main Lanes + 2 Managed/HOV-Concurrent Flow Lanes + 4/6 Frontage Road Lanes

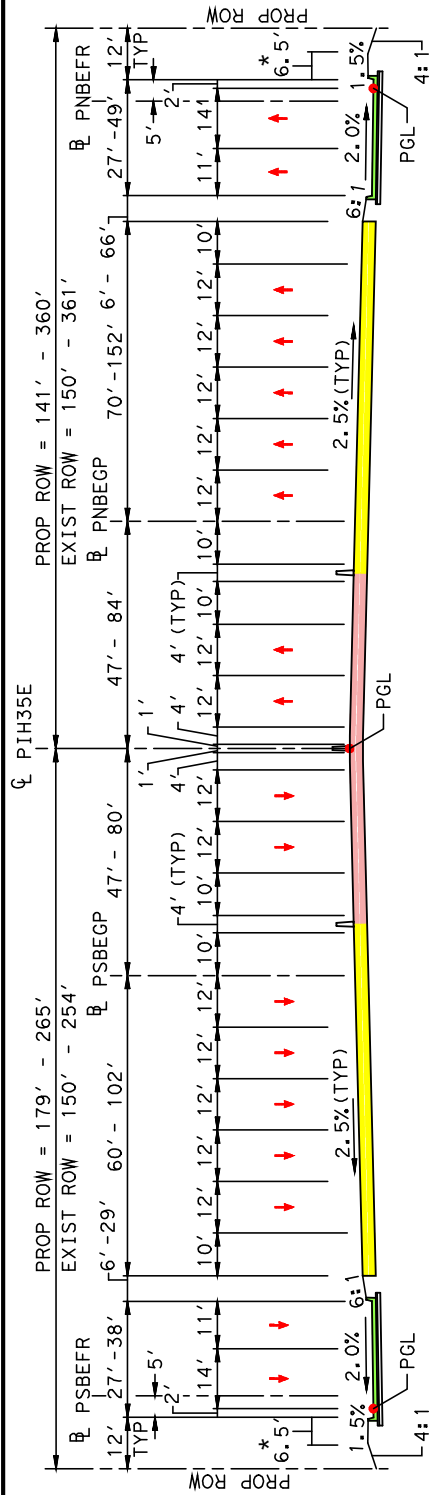
*Frontage road typical sections depict a 6.5' corridor adjacent to the 2' curb offset. This corridor allows for the construction of a curb and adjacent 6-foot sidewalk at 1.5 percent slope.

Figure A-8 (Sheet 3 of 6)

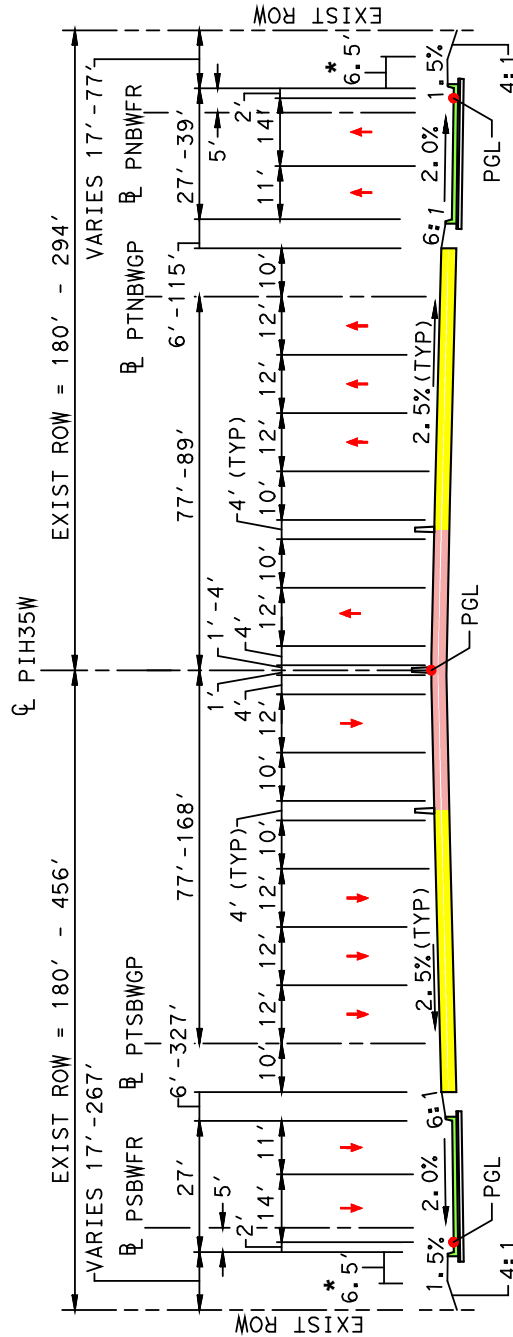
Proposed Typical Sections

IH 35E from FM 2181 to US 380, Denton County, Texas

-- Not to Scale --

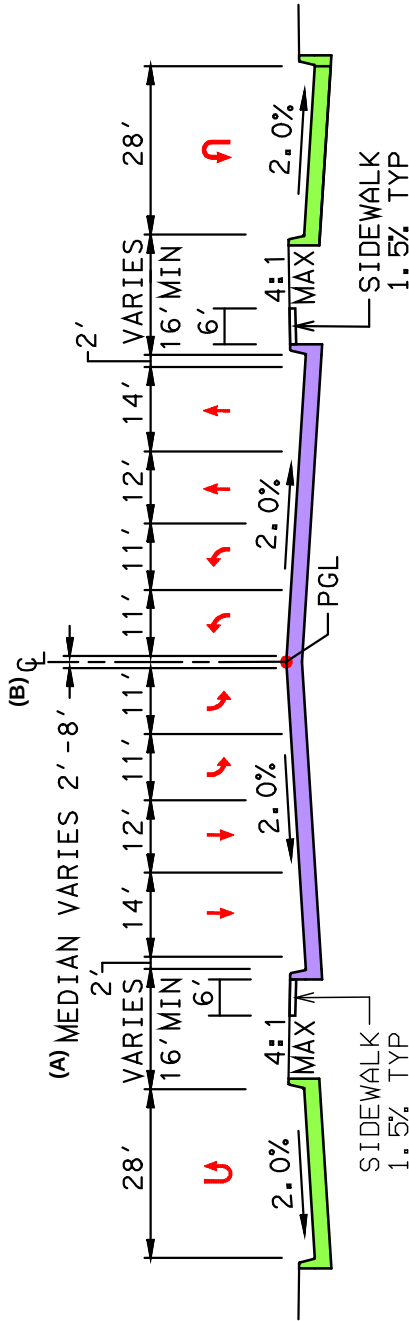


Proposed Typical Section D
(see Figure A-8, Sheet 1) 10 Main Lanes + 4 Managed/HOV-Concurrent Flow Lanes + 4/6/8 Frontage Road Lanes



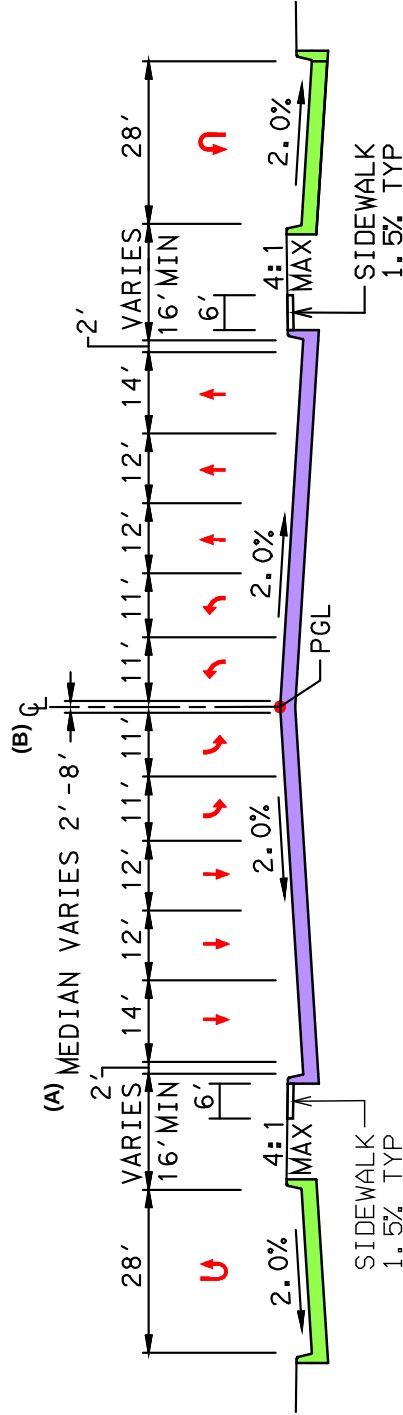
IH 35W Proposed Typical Section E
(see Figure A-8, Sheet 1) 6 Main Lanes + 2 Managed/HOV-Concurrent Flow Lanes + 4/6 Frontage Road Lanes

*Frontage road typical sections depict a 6.5' corridor adjacent to the 2' curb offset. This corridor allows for the construction of a curb and adjacent 6-foot sidewalk at 1.5 percent slope.



Proposed Cross Street Typical Sections at Mainlane Overpasses

4 Through Lanes and Turn Lanes at the following locations: Meadow Oaks/Dobbs Road, South Corinth Street, South Loop 288, FM 2181/Teasley, US 377/Ft Worth, McCormick Street, Bonnie Brae Road, and Oak Street



Proposed Cross Street Typical Sections at Mainlane Overpasses

6 Through Lanes and Turn Lanes at the following locations: State School Road/Mayhill Road and University/US 380

Notes:

- (A) All the cross street typical sections are representative of main lane overpasses/underpasses between the frontage road intersections. All cross street approaches to the frontage road intersection provide a minimum 6' median refuge for pedestrian crossings; proposed bridge structures are not shown on typical sections.
- (B) Centerline location varies.

Figure A-8 (Sheet 5 of 6)

Proposed Cross Street Typical Sections

IH 35E from FM 2181 to US 380, Denton County, Texas

-- Not to Scale --

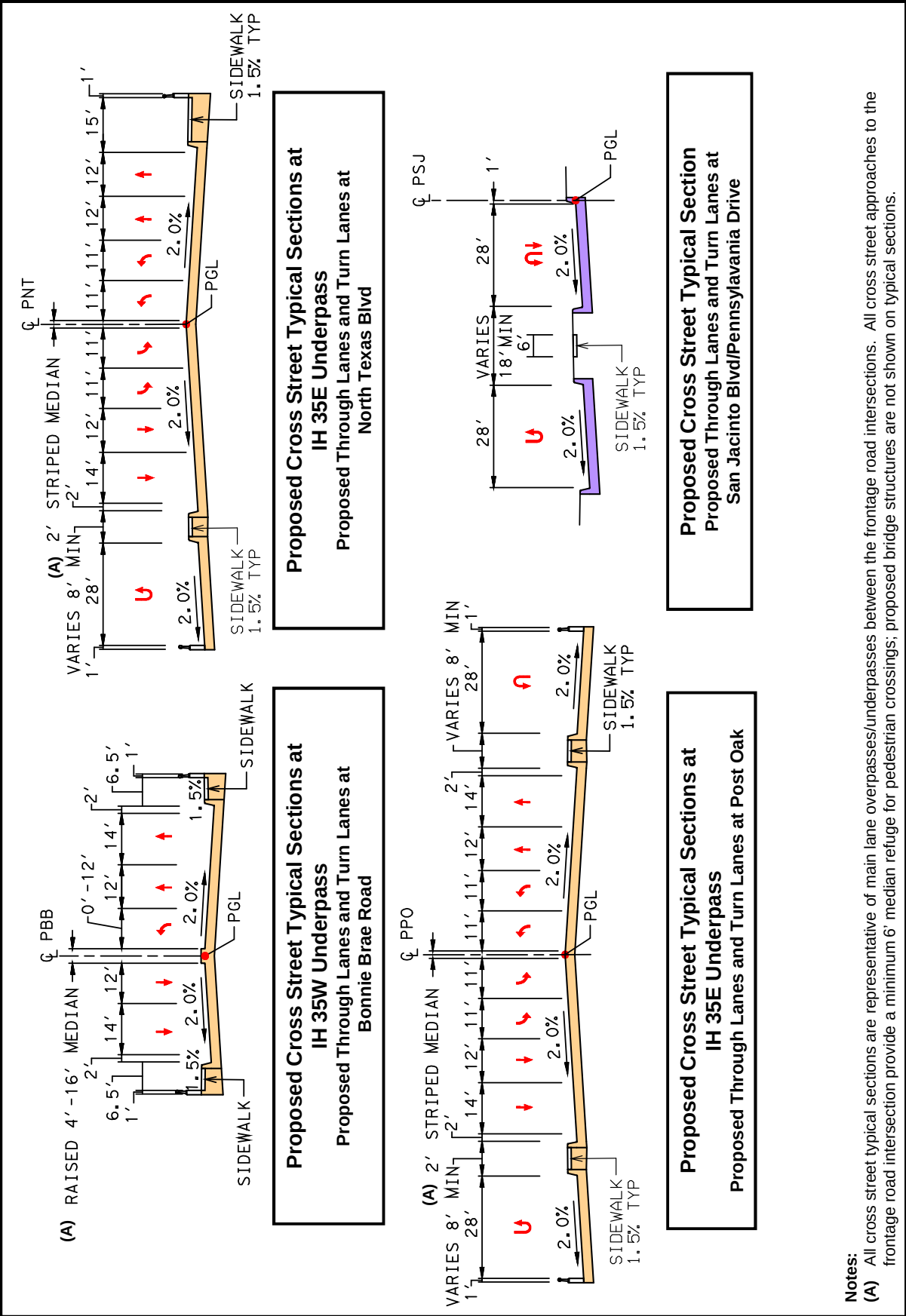


Figure A-8 (Sheet 6 of 6)
Proposed Cross Street Typical Sections

IH 35E from FM 2181 to US 380, Denton County, Texas

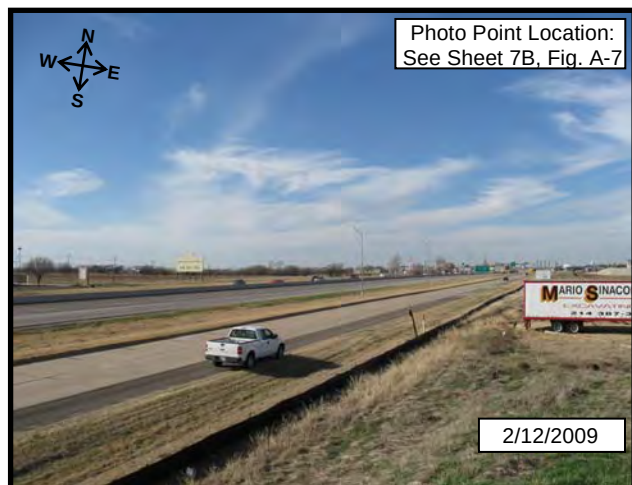
-- Not to Scale --

Notes:

(A) All cross street typical sections are representative of main lane overpasses/underpasses between the frontage road intersections. All cross street approaches to the frontage road intersection provide a minimum 6' median refuge for pedestrian crossings; proposed bridge structures are not shown on typical sections.



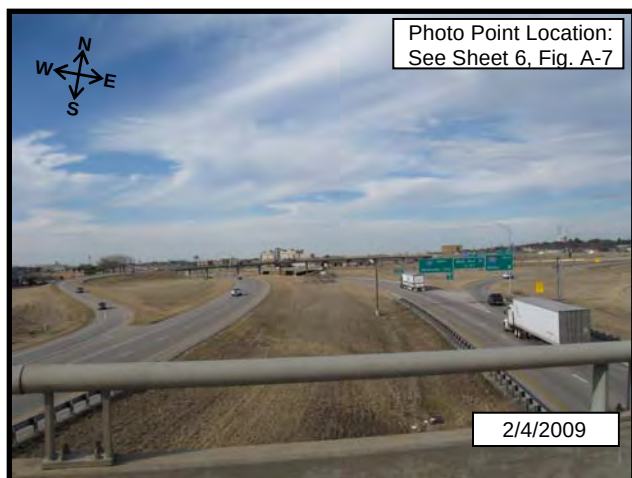
Photograph 1. Southern terminus of project immediately north of FM 2181 looking at the northbound frontage road and mainlanes of IH 35E.



Photograph 2. Near the northern project terminus (US 380) looking at the northbound frontage road and mainlanes of IH 35E.



Photograph 3. Representative roadway configuration of existing IH 35E mainlanes, taken at Post Oak Drive.



Photograph 4. Roadway configuration of existing IH 35W at the intersection of IH 35W and IH 35E, taken at Airport Road.



Photograph 5. Representation of the heavily urbanized land use along existing IH 35E, predominated by commercial, light industrial, and mixed-use land use types; photo taken in Denton near Teasley Lane.



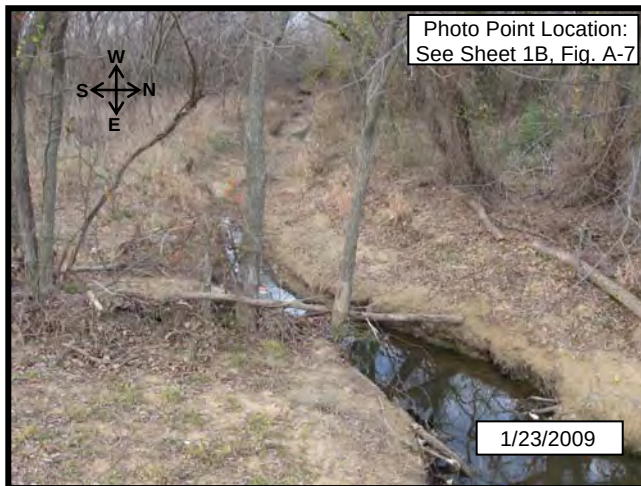
Photograph 6. One potentially displaced public facility operating the Denton Baptist Temple Youth Center, located at the corner of North Stemmons Freeway and Bernard Street.

Appendix A-9 (Sheet 1 of 3)

Project Area Ground Photographs

IH 35E from FM 2181 to US 380, Denton County, Texas

See Appendix A, Figure A-7 for Photo Point Locations



Photograph 7. Typical ephemeral channel considered to be a "water of the U.S." (Site W-2). Adjacent riparian forest habitat is also typical of IH 35E corridor.



Photograph 8. View of same channel in Photograph 7, looking toward IH 35E showing cross drainage via box culverts, which is typical throughout project area.



Photograph 9. Drainage culvert on west side of IH 35E that receives storm water from bar ditch runoff but has no defined channel that extends westward (Site W-1).



Photograph 10. Water of the U.S. near UNT campus (Site W-9). Note that channel is kept clear of riparian woody vegetation, except for a few large trees.



Photograph 11. Wetland area at Site W-6 with emergent cattails. The stream channel is in the foreground; the area has been modified by beavers.



Photograph 12. Existing IH 35E right-of-way is typically mowed Bermuda grass, occasionally with invasive plants such as pincushions shown here.

Appendix A-9 (Sheet 2 of 3)

Project Area Ground Photographs

IH 35E from FM 2181 to US 380, Denton County, Texas

See Appendix A, Figure A-7 for Photo Point Locations



Photograph 13. Riparian forest habitat along some stream channels is absent at several sites because of periodic maintenance. This is stream Site W-7.



Photograph 14. Many forested areas near IH 35E are landscaped to buildings or roads, such as these loblolly pines (see App. B-3, Data Point 19).



Photograph 15. Representative upland forest habitat for areas without a maintained/lawn understory. Note Chinese privet shrubs, typically found throughout area.



Photograph 16. There are several brushland areas adjacent to IH 35E, such as this area within a transmission line corridor near stream Site W-6.



Photograph 17. Fencerow trees throughout study area are generally dominated by hackberry trees, as shown here.



Photograph 18. Of the 47 trees larger than 20 inches in diameter at breast height (dbh), 26 are post oaks such as the trees at left (30" dbh) and center (23" dbh).

Appendix A-9 (Sheet 3 of 3)

Project Area Ground Photographs

IH 35E from FM 2181 to US 380, Denton County, Texas

See Appendix A, Figure A-7 for Photo Point Locations