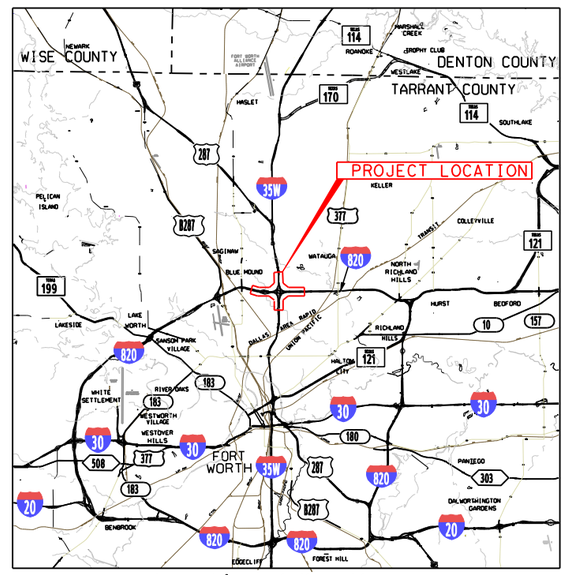
NORTH TARRANT EXPRESS
IH35W / IH820 INTERCHANGE
PROPOSAL SCHEMATIC PLAN SET

MAY 17, 2010



Location / Key Map

ROADWAY	DESIGN SPEED
GENERAL PURPOSE	60 MPH
MANAGED LANES	60 MPH
FRONTAGE ROADS	40 MPH
RAMPS/COLLECTORS	50 MPH

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-8	INTERCHANGE LAYOUT

NOTES:

1. IH35-IH820 INSTERCHANGE PROPOSED COMPLIES WITH NTE SEGMENTS 1 & 2 CDA, BOOK 2, TABLE 11-2, INCLUDING SHOULDER FLIP, SSD, & GRADES SET FORTH THEREIN. THIS CORRESPONDS TO CONNECTORS FOR WHICH A MINIMUM SSD OF 305' IS REQUIRED: 820E35S, 35N820W, 820E35N, 35N820E, 820W35S, MLW-N, MLS-E. CONNECTORS WITH A MINIMUM SSD OF 360' INCLUDE: 35S820W, 820W35N, 35S820E, MLW-S, MLN-E.

2. A 5% MAXIMUM SLOPE IS PROPOSED FOR ML RAMP CONNECTING IH35W-NB TO IH35W-EB (MLN-E).

3. THE PROPOSED SCHEMATICS ARE PRELIMINARY AND SUBJECT TO CHANGE. THE LOCATIONS OF ALL BRIDGES & ABUTMENTS ARE PRELIMINARY AND SUBJECT TO MODIFICATION DURING DETAIL DESIGN PHASE. THE LOCATION OF RETAINING WALLS IS PRELIMINARY AND SUBJECT TO MODIFICATION DURING DETAIL DESIGN PHASE.

4. SEE NOTE ON SHEET 3 OF 8 INTERCHANGE ALONG IH820.

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SCALE: 1' = 200'

N

LEGEND

- PROPOSED MAINLANES
- PROPOSED MANAGED LANES
- PROPOSED FRONTAGE ROADS /SURFACE STREET
- PROPOSED DIRECT CONNECTOR /PROPOSED RAMP
- PROPOSED SHOULDERS
- PROPOSED GORE
- CONSTRUCTION BY OTHERS
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY (ACCESS RESTRICTED)
- PROPOSED RIGHT-OF-WAY (EXISTING ACCESS TO REMAIN)
- (X) NUMBER OF TRAFFIC LANES

BEGIN CONSTRUCION
MARK IV PKWY. STA.11+47.94

END BRIDGE
℄ GP820W
STA. 632+20.00

BEGIN FRONTAGE ROAD
CONSTRUCTION
℄ WBFR1 STA. 355+96.74

END BRIDGE
℄ 35S820W
STA. 18+43.00

END BRIDGE
℄ GP820W
STA. 638+58.00

BEGIN INTERCHANGE
IH35W STA 620+00.00
MATCH EXISTING

BEGIN BRIDGE
℄ GP820W
STA. 630+20.00

BEGIN BRIDGE
℄ GP820W
STA. 635+34.00

820

HOV DECLARATION LANE

BEGIN BRIDGE
℄ GP820E
STA. 630+20.00

END BRIDGE
℄ GP820E
STA. 632+20.00

BEGIN BRIDGE
℄ GP820E
STA. 635+32.00

CL820 636+91.62
CLMARK IV 15+86.85

END BRIDGE
B GP820E
STA. 638+60.00

BEGIN BRIDGE
℄ 820E35S
STA. 22+70.00

END BRIDGE
B 820E35S
STA. 18+25.00

END CONSTRUCION
MARK IV PKWY. STA.21+42.00

MARK IV PKWY.

SUPERIOR

LITTLE FOSSIL CR.

MARK IV PKWY.

BEGIN FRONTAGE ROAD
CONSTRUCTION
℄ EBFR1 STA. 361+34.46

NORTHEAST

Match Line - Sta. 648+00

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NORTH TARRANT EXPRESS - SEGMENT 3A

IH 820
PLAN
STA. 618+00 - STA. 648+00

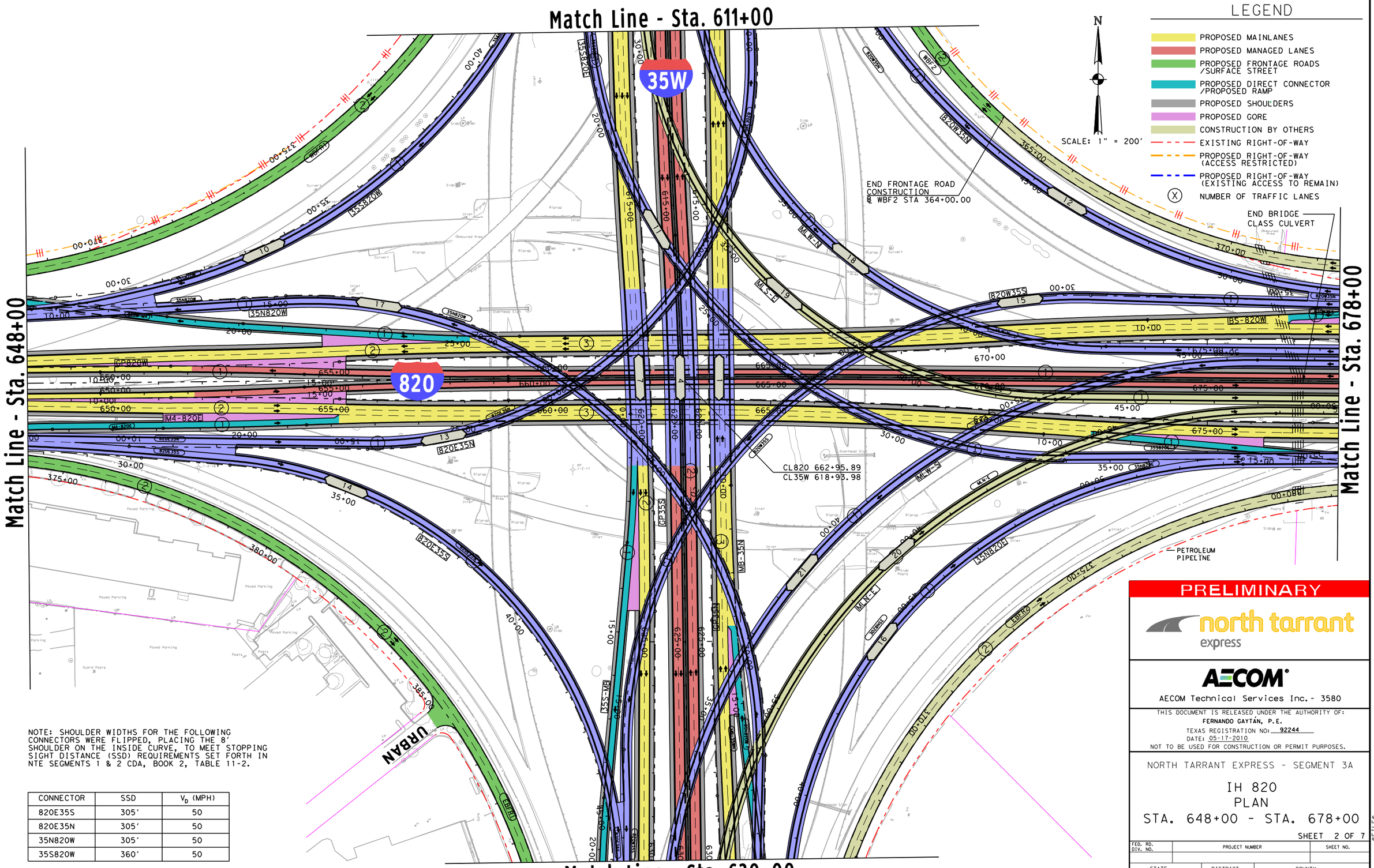
SHEET 1 OF 7

FED. RD. DIV. NO.	PROJECT NUMBER	SHEET NO.

STATE	DISTRICT	COUNTY	
TEXAS		TARRANT	
CONT	SECT	JOB	HIGHWAY NO
			SH 183

$FILE$

$DATE$
$TIME$



NOTE: SHOULDER WIDTHS FOR THE FOLLOWING CONNECTORS WERE FLIPPED, PLACING THE 8' SHOULDER ON THE INSIDE CURVE, TO MEET STOPPING SIGHT DISTANCE (SSD) REQUIREMENTS SET FORTH IN NTE SEGMENTS 1 & 2 CDA, BOOK 2, TABLE 11-2.

CONNECTOR	SSD	V_D (MPH)
820E35S	305'	50
820E35N	305'	50
35N820W	305'	50
35S820W	360'	50

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NORTH TARRANT EXPRESS - SEGMENT 3A

IH 820
PLAN
STA. 648+00 - STA. 678+00

SHEET 2 OF 7

FED. RD. DIV. NO.	PROJECT NUMBER	SHEET NO.

STATE	DISTRICT	COUNTY	
TEXAS		TARRANT	
CONT	SECT	JOB	HIGHWAY NO
			SH 183

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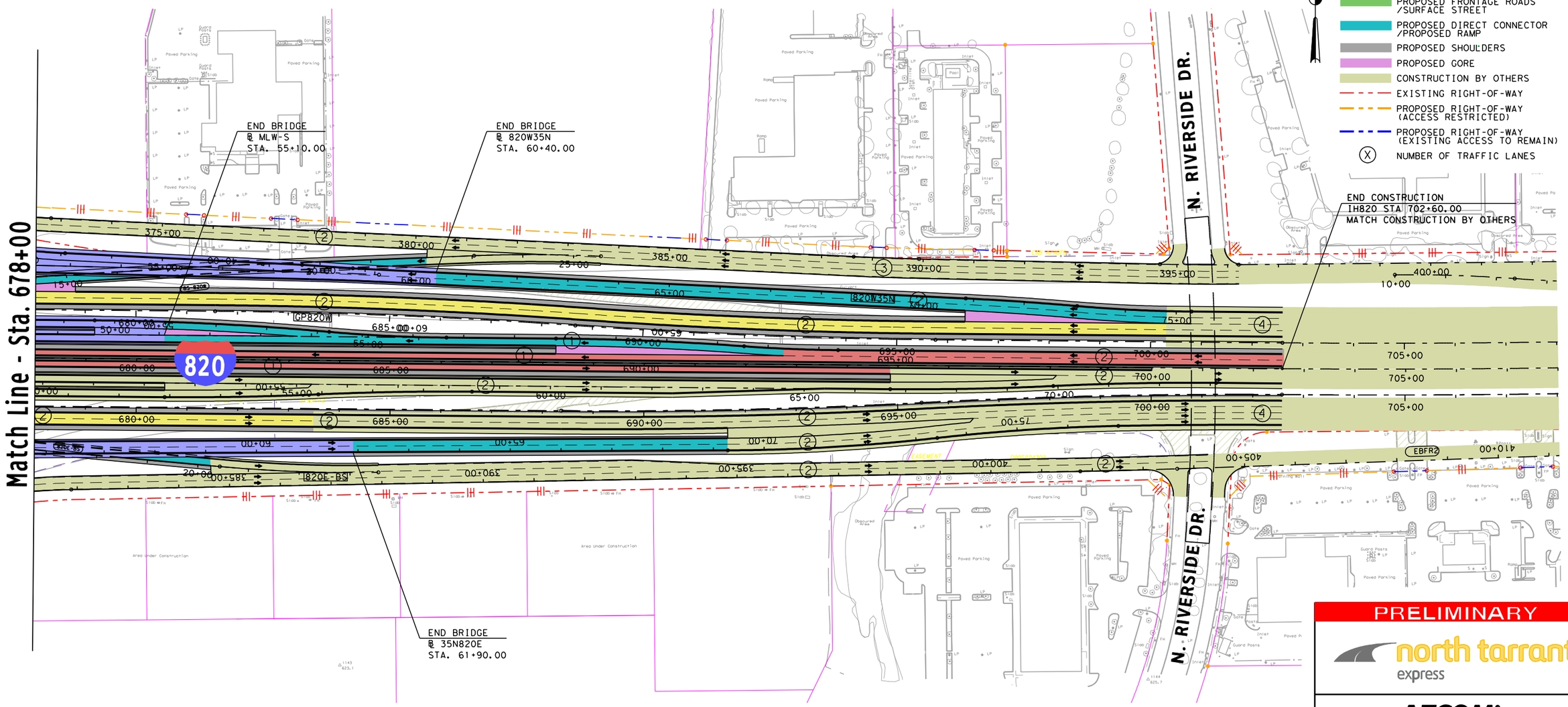
$DATE$
$TIME$



LEGEND

- PROPOSED MAINLANES
- PROPOSED MANAGED LANES
- PROPOSED FRONTAGE ROADS /SURFACE STREET
- PROPOSED DIRECT CONNECTOR /PROPOSED RAMP
- PROPOSED SHOULDERS
- PROPOSED GORE
- CONSTRUCTION BY OTHERS
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY (ACCESS RESTRICTED)
- PROPOSED RIGHT-OF-WAY (EXISTING ACCESS TO REMAIN)
- (X) NUMBER OF TRAFFIC LANES

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NORTH TARRANT EXPRESS - SEGMENT 3A

IH 820
PLAN
STA. 678+00 - STA. 708+00

SHEET 3 OF 7

FED. RD. DIV. NO.	PROJECT NUMBER	SHEET NO.

STATE	DISTRICT	COUNTY	
TEXAS		TARRANT	
CONT	SECT	JOB	HIGHWAY NO
			SH 183

$FILE$
$DATE$
$TIME$

SCALE: 1" = 200'

LEGEND

- PROPOSED MAINLANES
- PROPOSED MANAGED LANES
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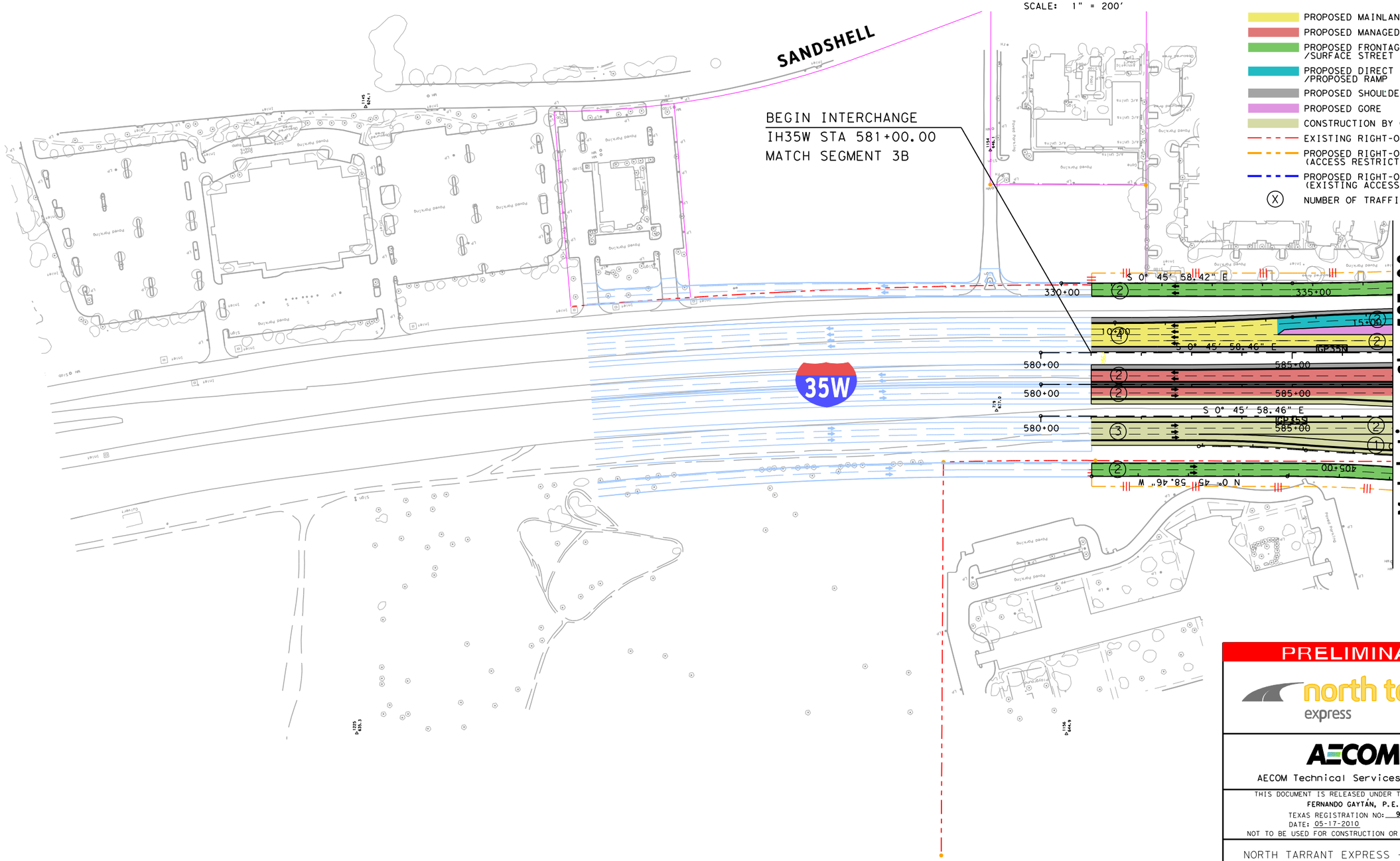

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NORTH TARRANT EXPRESS - SEGMENT 3A

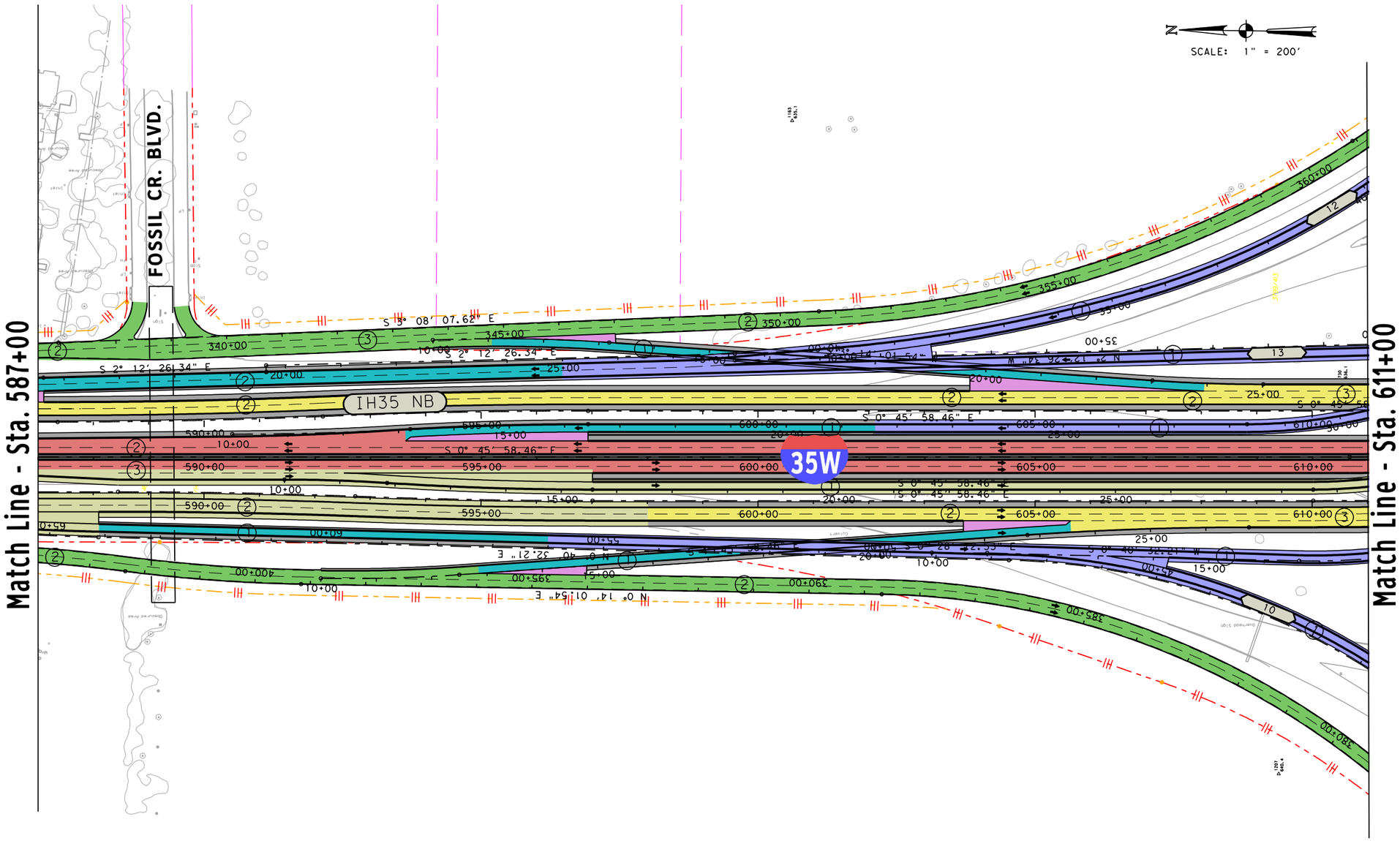
IH 35W
PLAN
BEGIN - STA. 587+00

SHEET 4 OF 7

FED. RD. DIV. NO.	PROJECT NUMBER	SHEET NO.

STATE	DISTRICT	COUNTY	
TEXAS		TARRANT	
CONT	SECT	JOB	HIGHWAY NO
			SH 183

$FILE$
$DATE$
$TIME$



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NORTH TARRANT EXPRESS - SEGMENT 3A

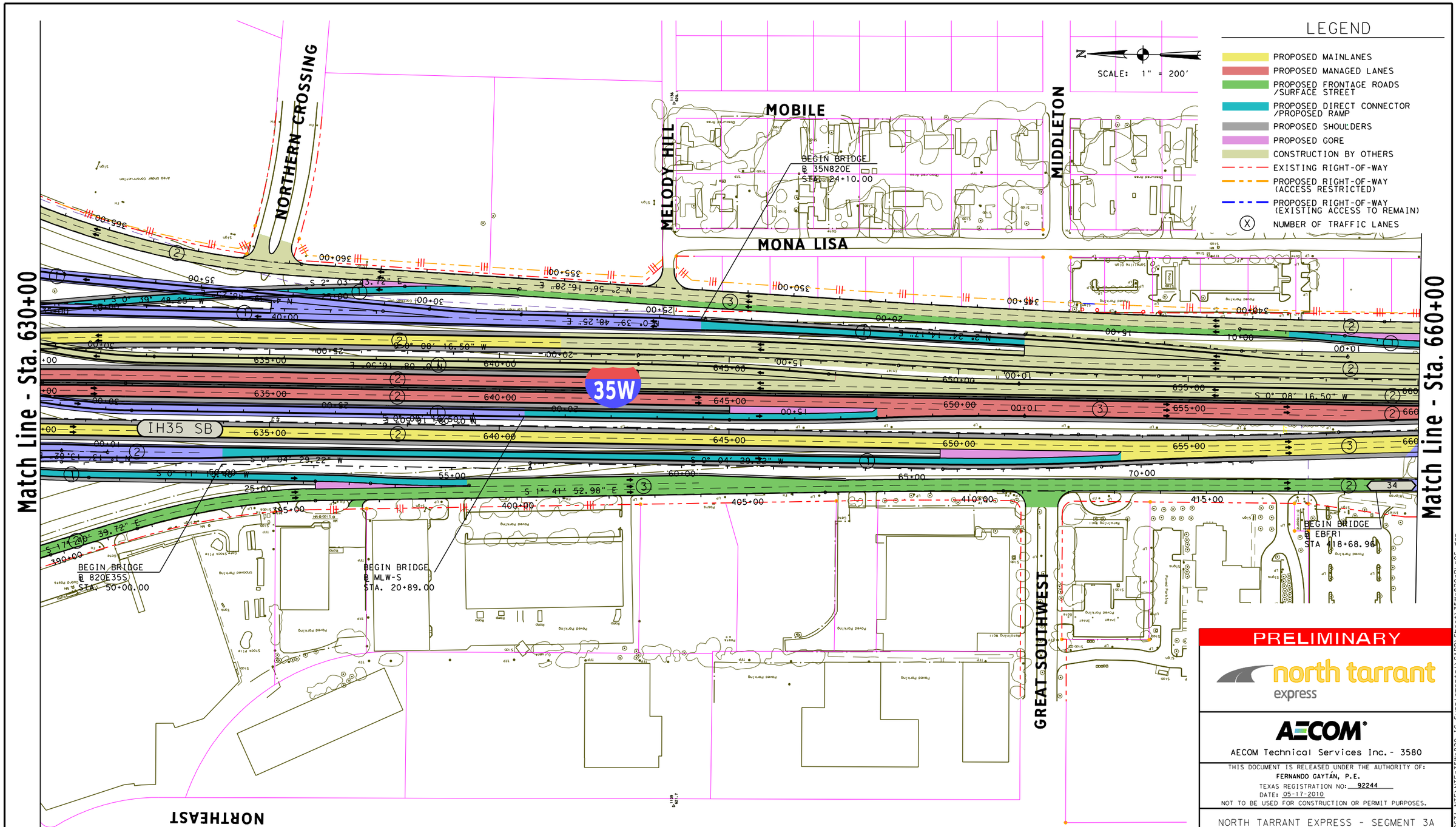
IH 35W
PLAN
STA. 587+00 - STA. 611+00

SHEET 5 OF 7

FED. RD. DIV. NO.	PROJECT NUMBER	SHEET NO.

STATE	DISTRICT	COUNTY	
TEXAS		TARRANT	
CONT	SECT	JOB	HIGHWAY NO
			SH 183

$FILE$
$DATE$
$TIME$



NOTE: 5% MAXIMUM SLOPE ON ALL ML RAMP CONNECTING IH35W-NB TO IH35W-EB (MLN-E) AS PER NTE SEGMENTS 1 & 2 CDA, BOOK 2, TABLE 11-2.

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NORTH TARRANT EXPRESS - SEGMENT 3A

IH 35W
PLAN
STA. 630+00 - STA. 660+00

SHEET 6 OF 7

FED. RD. DIV. NO.	PROJECT NUMBER	SHEET NO.

STATE	DISTRICT	COUNTY	
TEXAS		TARRANT	
CONT	SECT	JOB	HIGHWAY NO
			SH 183

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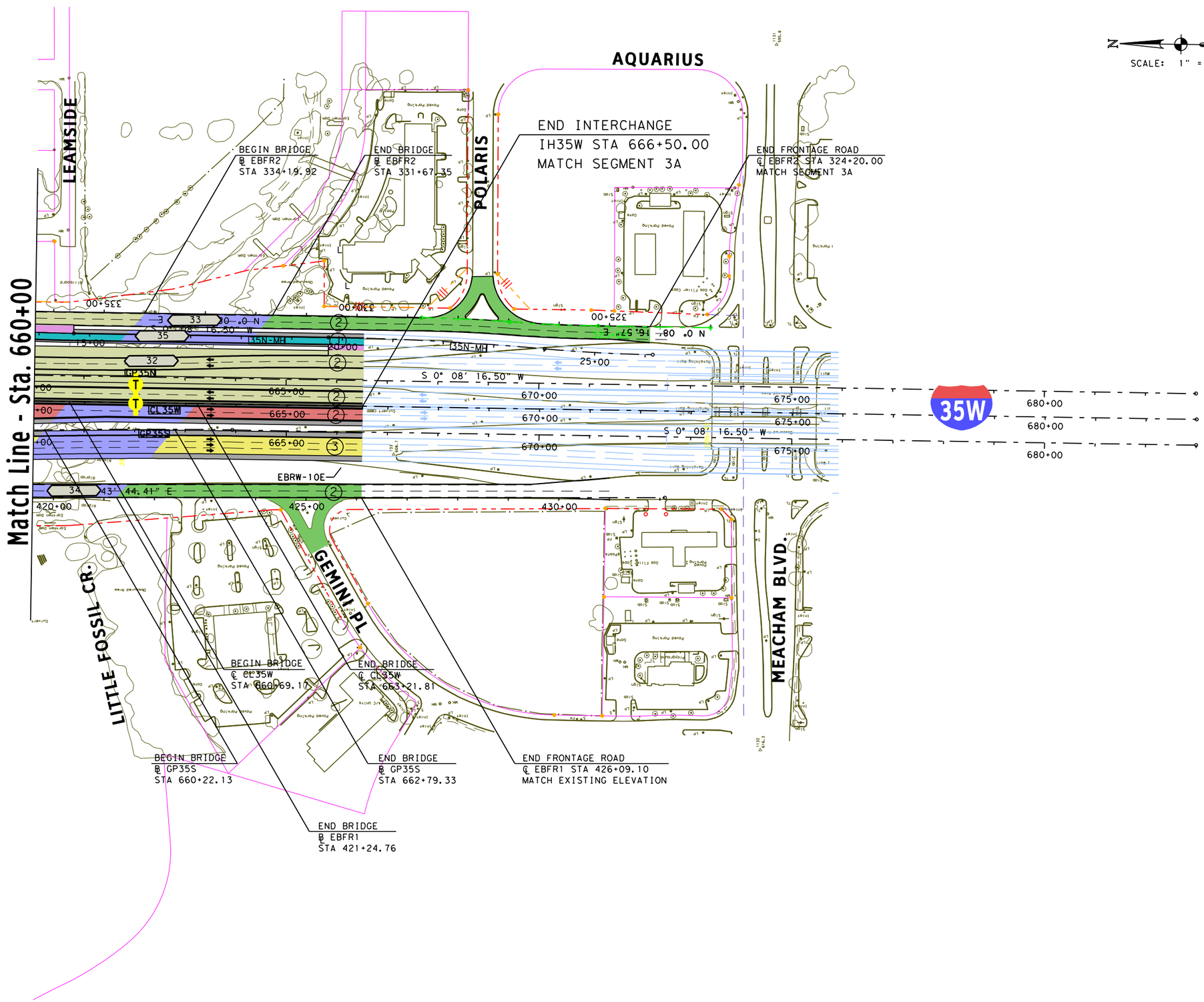

SCALE: 1" = 200'

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NORTH TARRANT EXPRESS - SEGMENT 3A

IH 35W
PLAN
STA. 660+00 - STA. 666+50

SHEET 7 OF 7

FED. RD. DIV. NO.	PROJECT NUMBER	SHEET NO.

STATE	DISTRICT	COUNTY	
TEXAS		TARRANT	
CONT	SECT	JOB	HIGHWAY NO
			SH 183

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