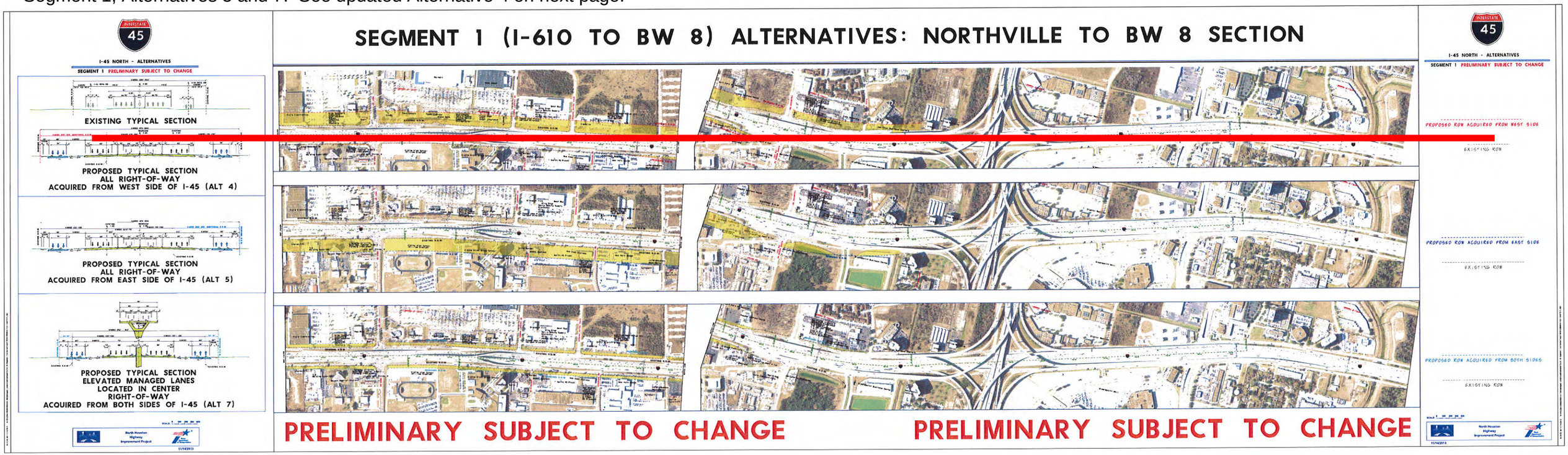
APPENDIX B
PLAN VIEWS AND SECTION VIEWS OF ALTERNATIVES

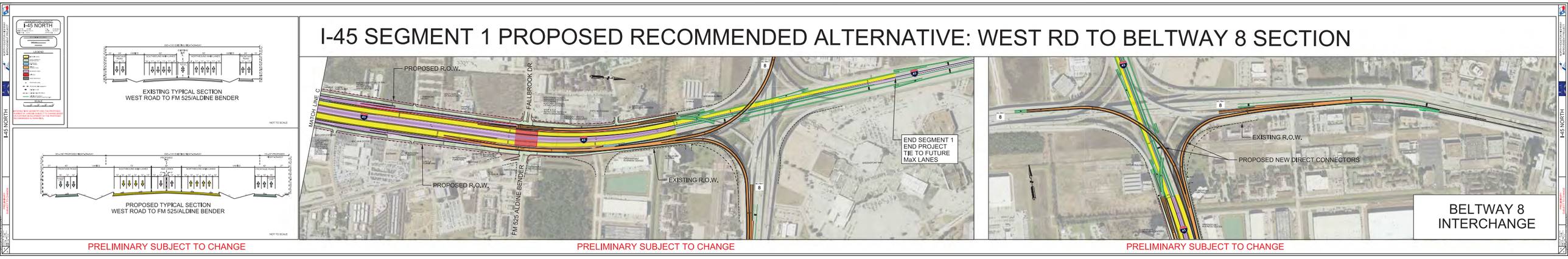
Sheet No.

1	Segment 1, Alternative 5 and 7: Northville to Beltway 8
2	Segment 1, Alternative 4: West Road to Beltway 8
3	Segment 1, Alternative 5 and 7: Gulf Bank to Northville
4	Segment 1, Alternative 4: Shepherd Drive to West Road
5	Segment 1, Alternative 5 and 7: East Tidwell Road to Gulf Bank
6	Segment 1, Alternative 4: Tidwell to Shepherd Drive
7	Segment 1, Alternative 5 and 7: I-610 to East Tidwell
8	Segment 1, Alternative 4: I-610 to Tidwell
9	Segment 2, Alternative 11 and 12: I-610 to I-10
10	Segment 2, Alternative 10: Interchanges
11	Segment 2, Alternative 10: I-610 to I-10
12	Segment 3: Alternative 10: Downtown Loop
13	Segment 3: Alternative 11: Downtown Loop
14	Segment 3: Alternative 12: Downtown Loop
15	Segment 1: Existing and Alternatives 4, 5 and 7
16	Segment 2: Existing and Alternative 10, At-Grade and Depressed
17	Segment 2: Existing and Alternative 11, At-Grade and Depressed
18	Segment 2: Existing and Alternative 12, At-Grade and Depressed
19	Segment 3: Existing and Alternative 10, at I-10 and I-45
20	Segment 3: Existing and Alternative 12, at I-10 and Pierce Parkway
21	Segment 3: Existing and Alternative 12, at US 59/I-69

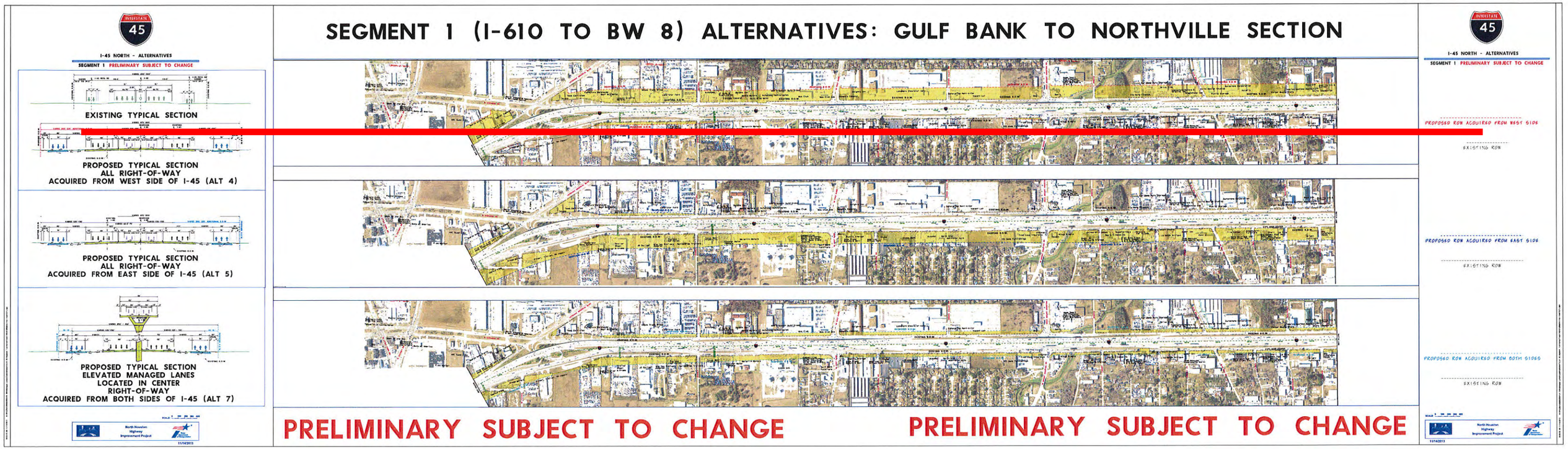
Segment 1, Alternatives 5 and 7. See updated Alternative 4 on next page.



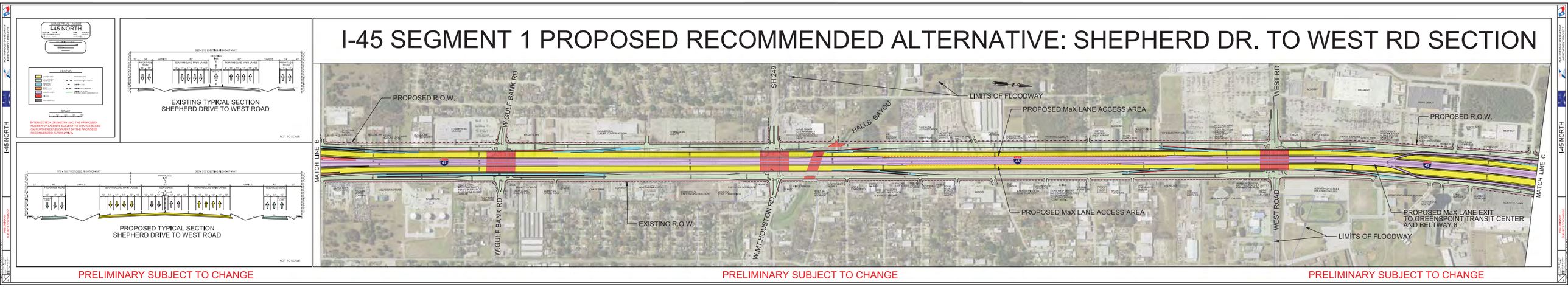
Segment 1, Alternative 4: West Road to Beltway 8



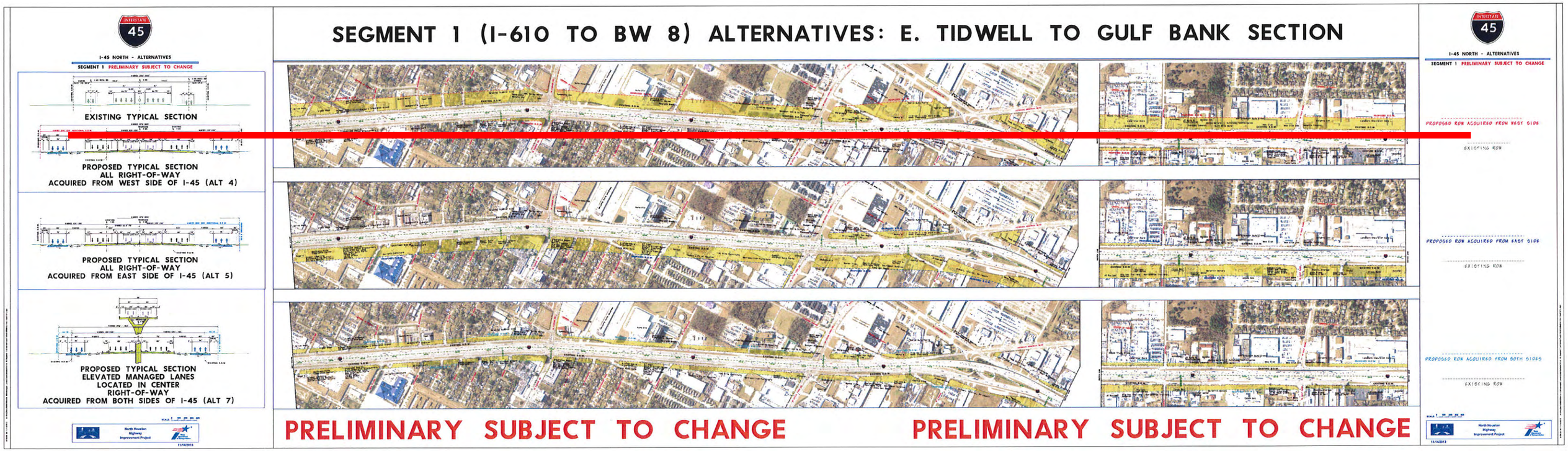
Segment 1, Alternatives 5 and 7. See updated Alternative 4 on next page.



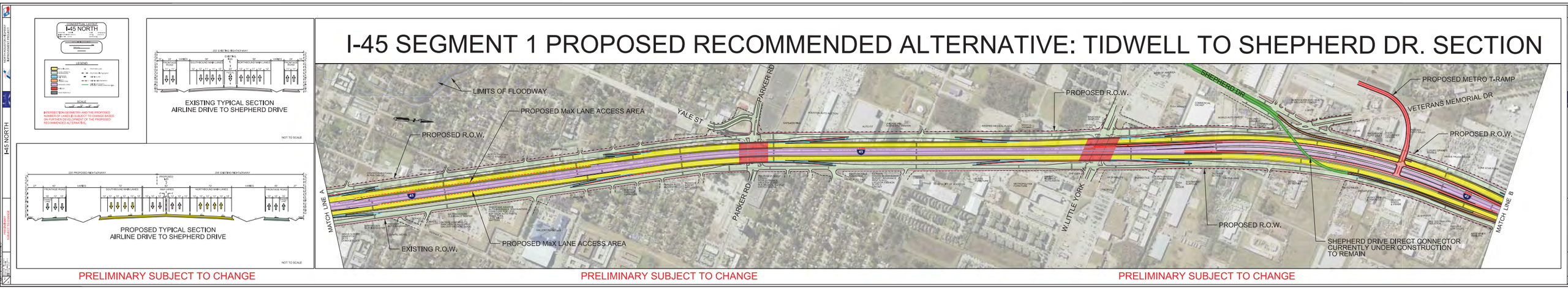
Segment 1, Alternative 4: Shepherd Drive to West Road



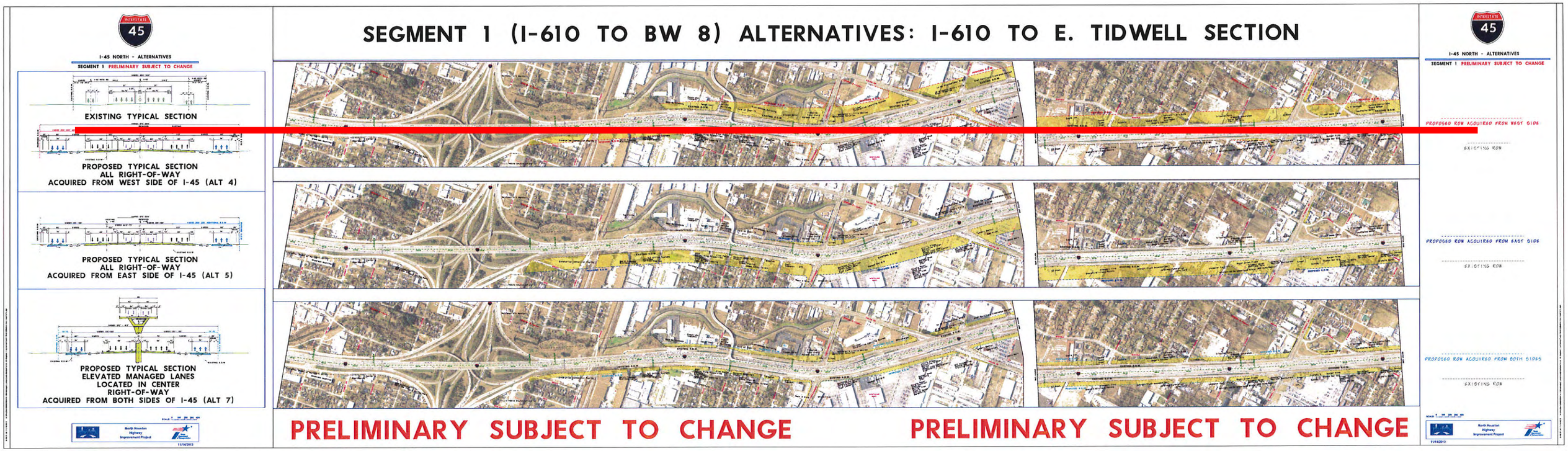
Segment 1, Alternatives 5 and 7. See updated Alternative 4 on next page.



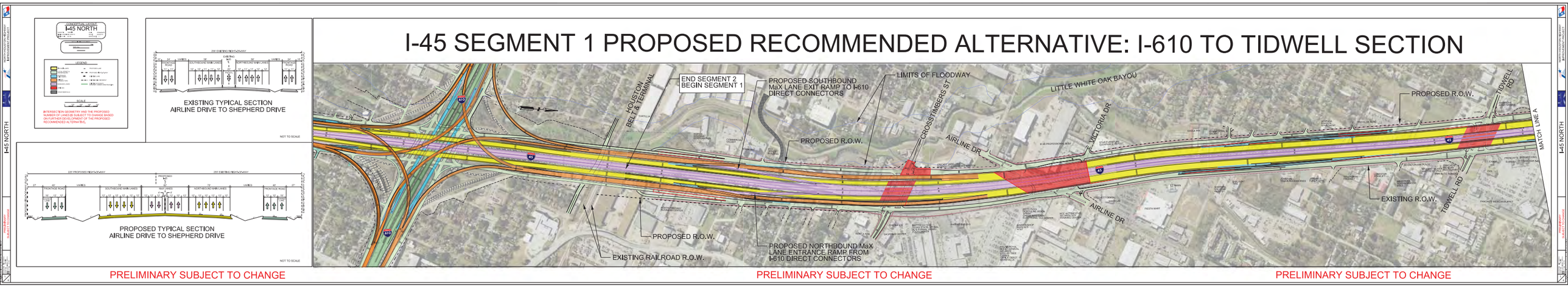
Segment 1, Alternative 4: Tidwell Road to Shepherd Drive



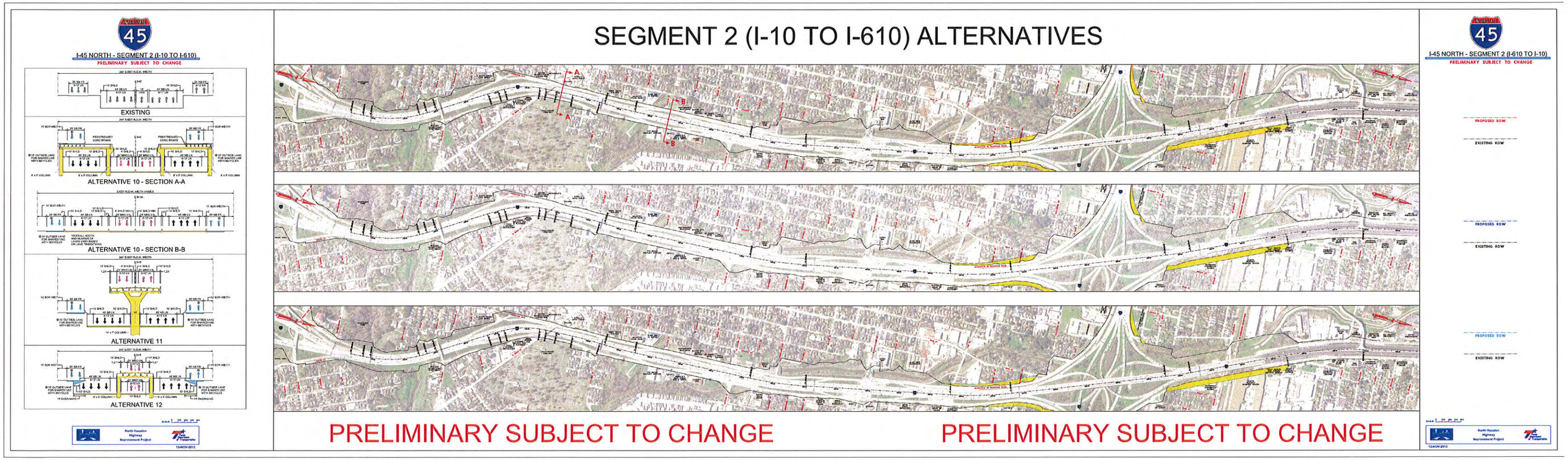
Segment 1, Alternatives 5 and 7. See updated Alternative 4 on next page.



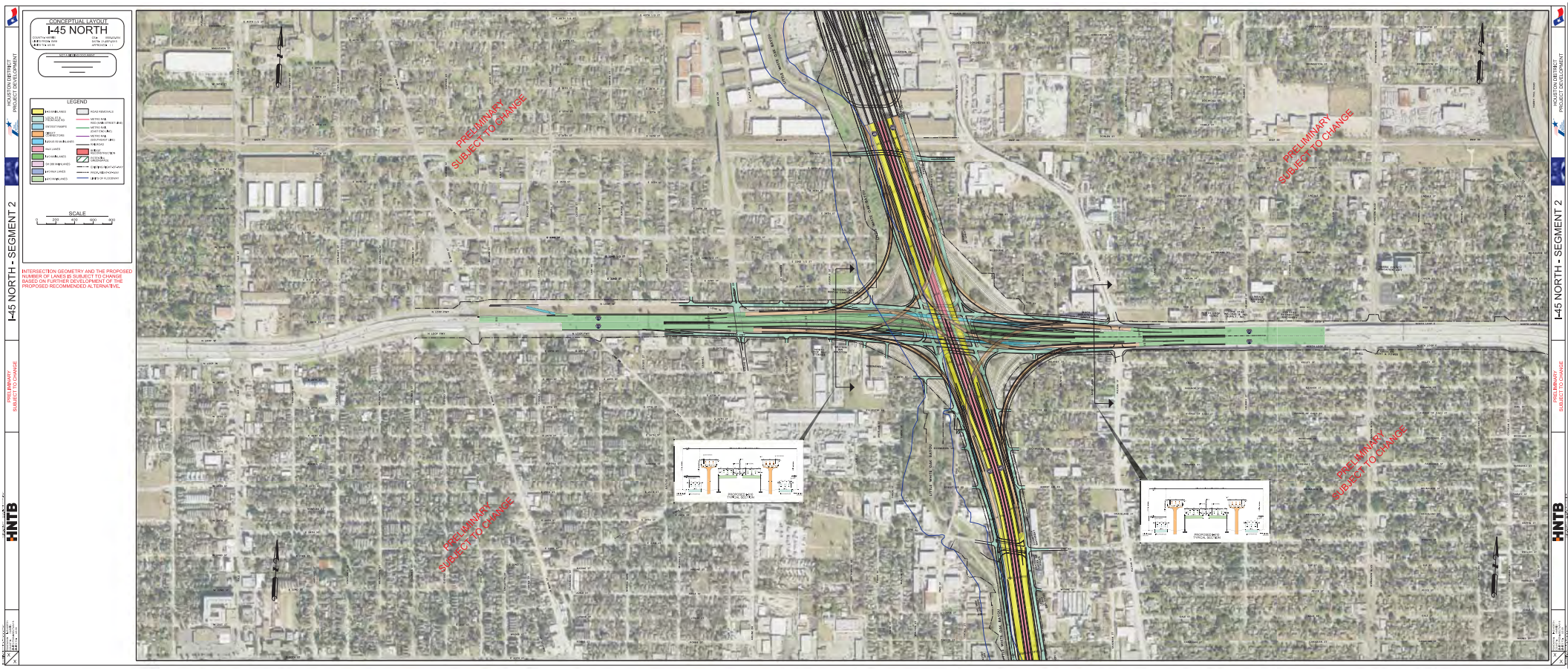
Segment 1, Alternative 4: I-610 to Tidwell Road



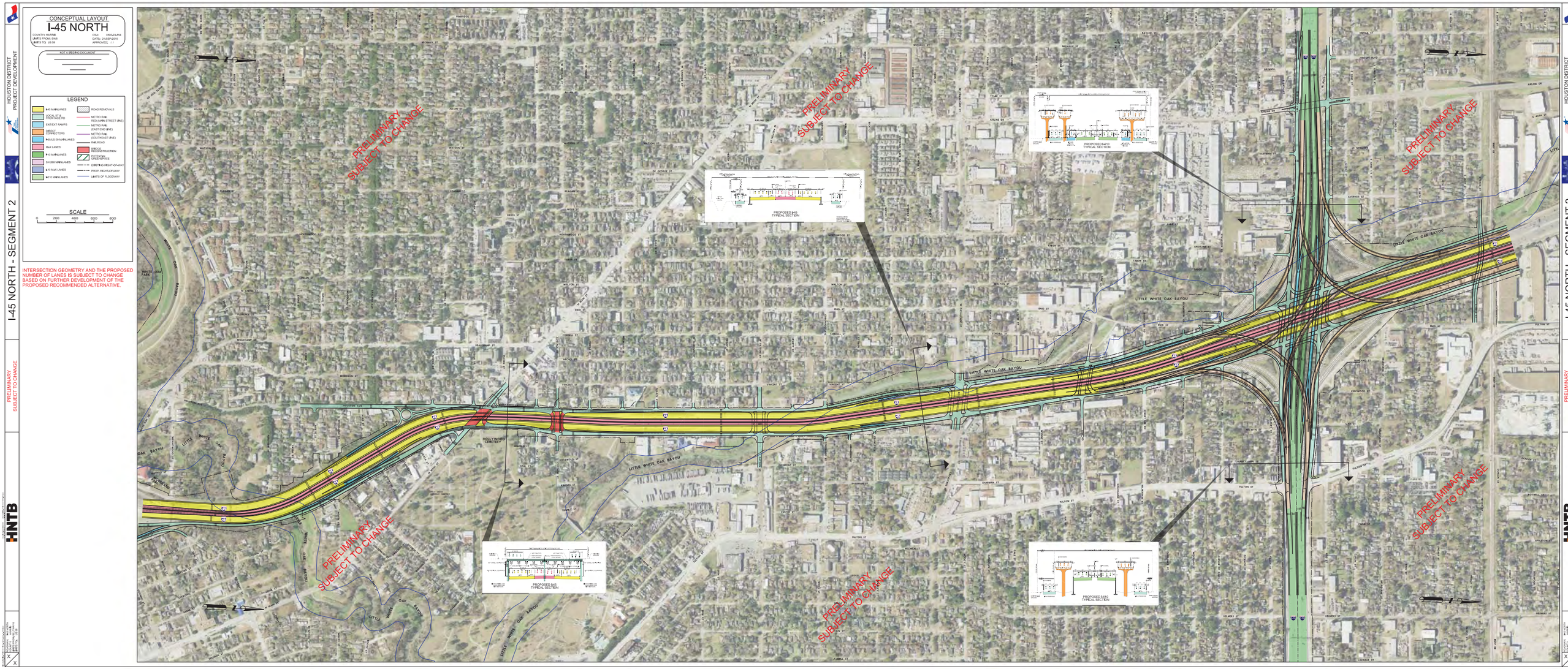
Segment 2, Alternatives 11 and 12. See updated Alternative 10 on next page.



Segment 2, Alternative 10: Interchange



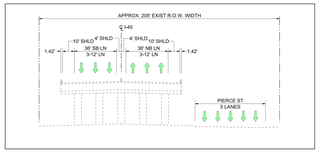
Segment 2, Alternative 10: I-610 to I-10



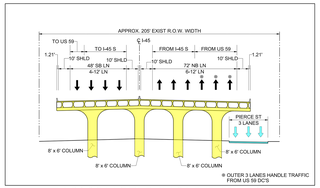
INTERSTATE 45

I-45 NORTH - SEGMENT 3 (ALT 10)

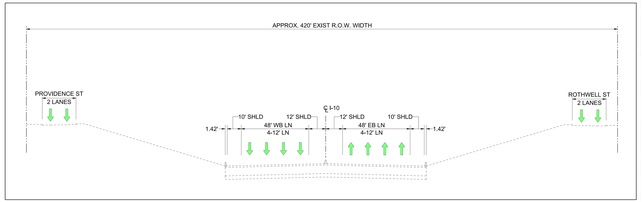
PRELIMINARY SUBJECT TO CHANGE



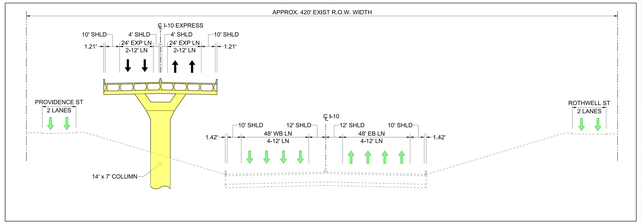
EXISTING I-45 (PIERCE ELEVATED)



PROPOSED I-45 (PIERCE ELEVATED)
SECTION A-A



EXISTING I-10 (DEPRESSED SECTION)



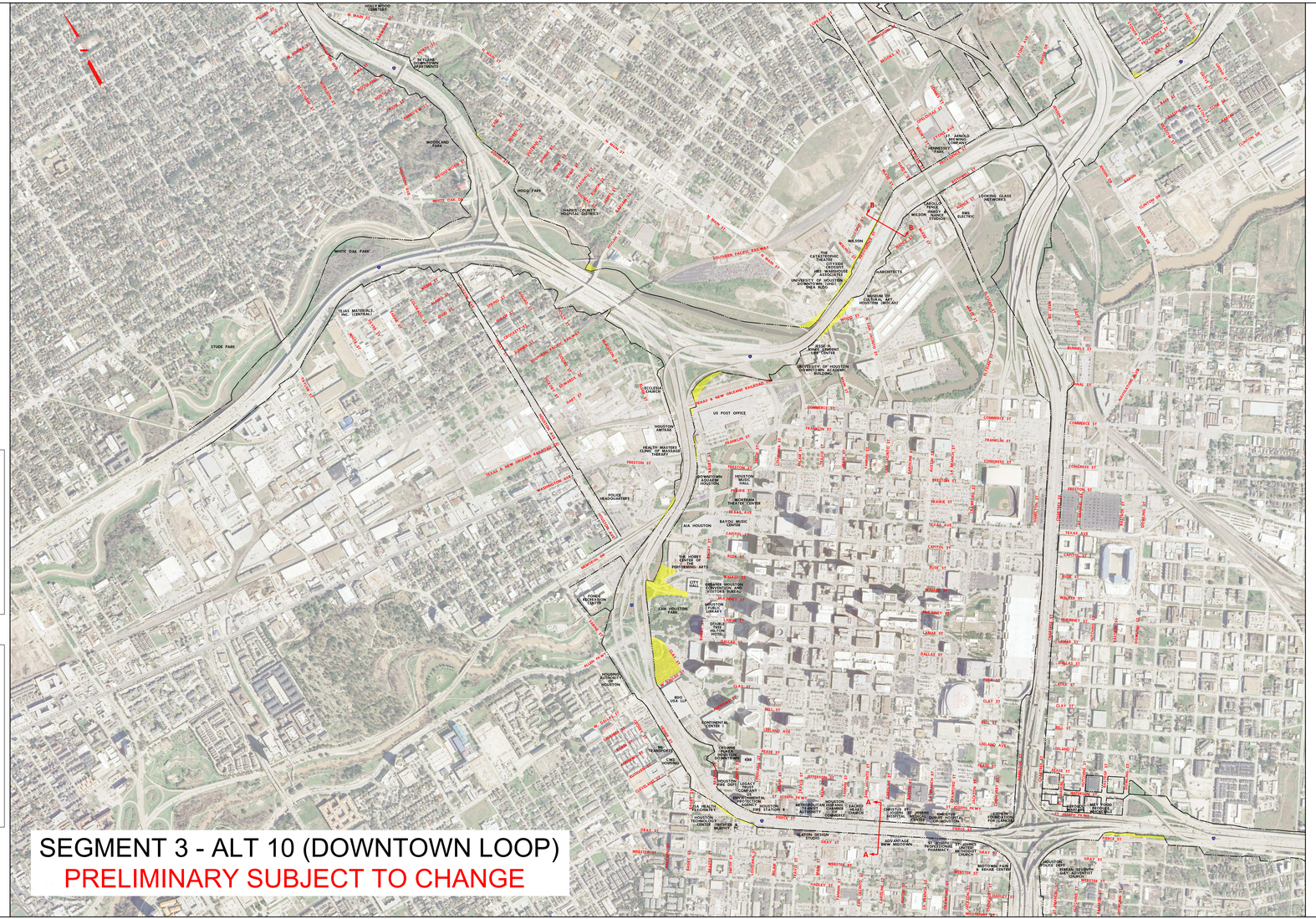
PROPOSED I-10 (DEPRESSED SECTION)
SECTION B-B

SCALE: 0 200 400 600 800

North Houston Highway Improvement Project

Texas Department of Transportation

12-NOV-2013



INTERSTATE 45

I-45 NORTH - SEGMENT 3 (ALT 10)

PRELIMINARY SUBJECT TO CHANGE

SCALE: 0 200 400 600 800

North Houston Highway Improvement Project

Texas Department of Transportation

12-NOV-2013

HOUSTON DISTRICT
PROJECT DEVELOPMENT

I-45 NORTH

PRELIMINARY
SUBJECT TO CHANGE

HNTB

CONCEPTUAL LAYOUT

I-45 NORTH

COUNTY: HARRIS
LIMITS FROM: BW8
LIMITS TO: US 59

CSJ: 0500-03-554
DATE: 21-SEP-2015
APPROVED: / /

NOT A BIDDING DOCUMENT

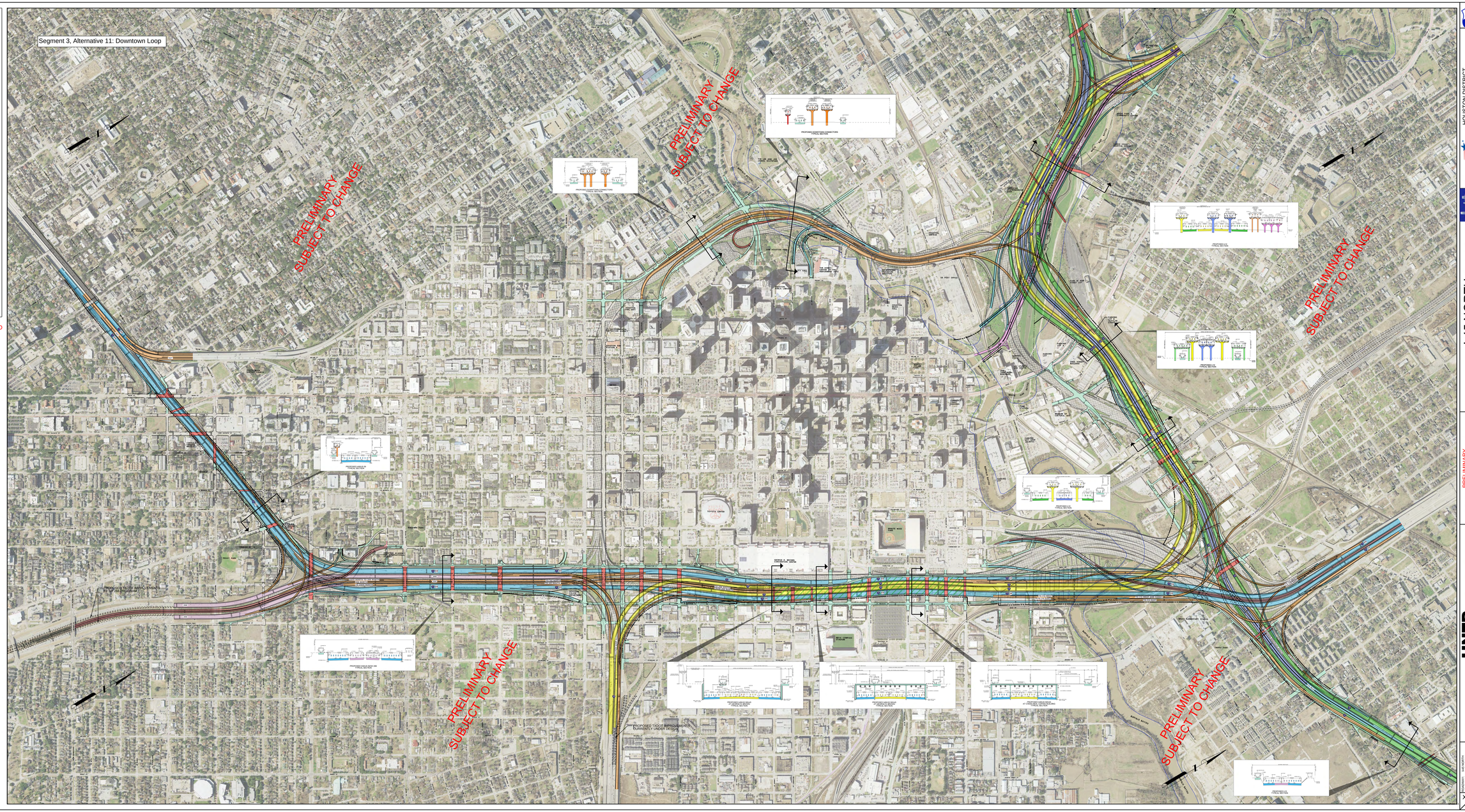
LEGEND

- I-45 MAINLANES
- LOCAL ST & FRONTAGE RD
- ENT/EXT RAMPS
- DIRECT CONNECTORS
- I-69/US 59 MAINLANES
- MaX LANES
- I-10 MAINLANES
- SH 288 MAINLANES
- I-10 MaX LANES
- I-610 MAINLANES
- ROAD REMOVALS
- METRO RAIL RED (MAIN STREET LINE)
- METRO RAIL (EAST END LINE)
- METRO RAIL (SOUTHEAST LINE)
- RAILROAD
- BRIDGE RECONSTRUCTION
- POTENTIAL GREENSPACE
- EXISTING RIGHT-OF-WAY
- PROP. RIGHT-OF-WAY
- LIMITS OF FLOODWAY

SCALE

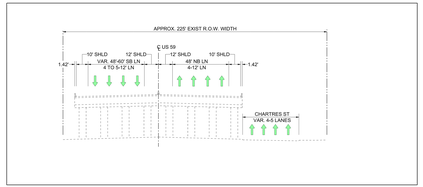
0 400 800 1200 1600

INTERSECTION GEOMETRY AND THE PROPOSED NUMBER OF LANES IS SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENT OF THE PROPOSED RECOMMENDED ALTERNATIVE.

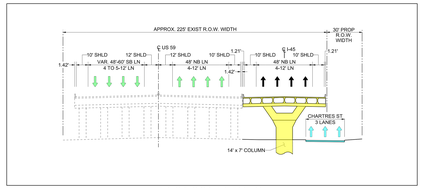

Segment 3, Alternative 11: Downtown Loop
PRELIMINARY SUBJECT TO CHANGE
PROPOSED TXDOT IMPROVEMENTS PURSUANT TO CSJ 0500-03-554

I-45 NORTH - SEGMENT 3 (ALT 12)

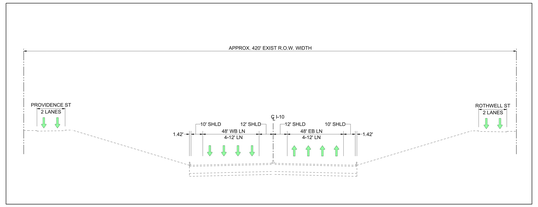
PRELIMINARY SUBJECT TO CHANGE



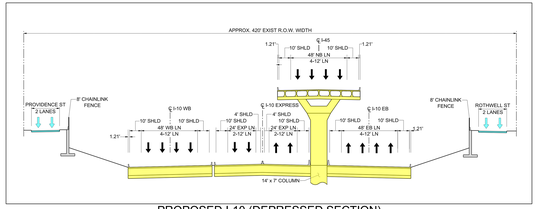
EXISTING US 59



PROPOSED US 59
SECTION A-A



EXISTING I-10 (DEPRESSED SECTION)



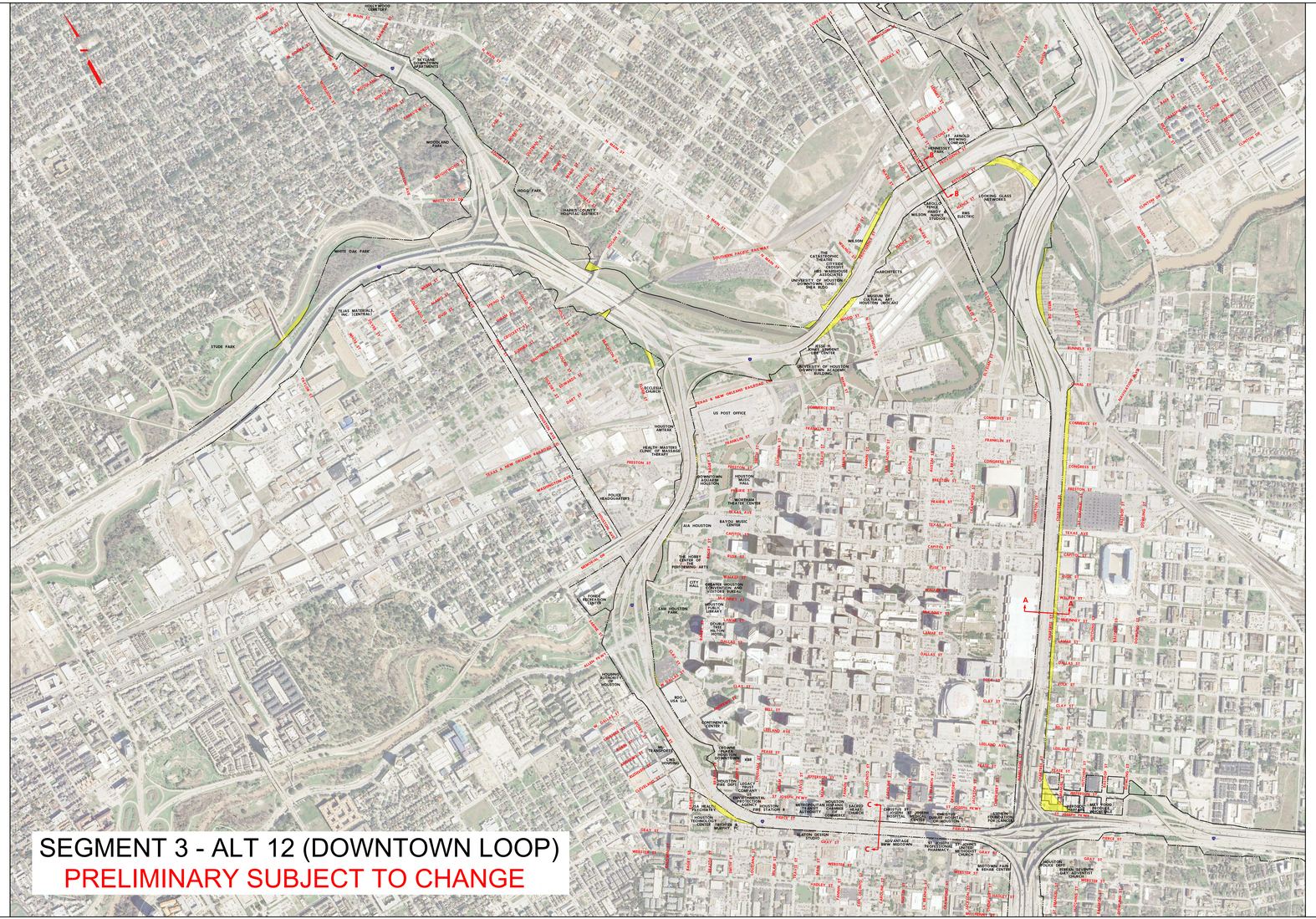
PROPOSED I-10 (DEPRESSED SECTION)
SECTION B-B

SCALE: 0 200 400 600 800

North Houston Highway Improvement Project

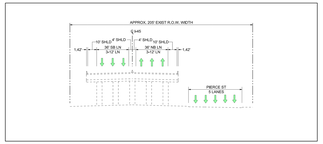
Texas Department of Transportation

11-NOV-2013



I-45 NORTH - SEGMENT 3 (ALT 12)

PRELIMINARY SUBJECT TO CHANGE



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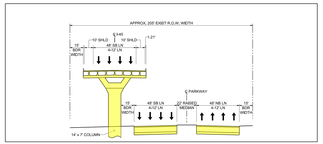


PROPOSED I-45 (PIERCE ELEVATED)
SECTION C-C

SCALE: 0 200 400 600 800

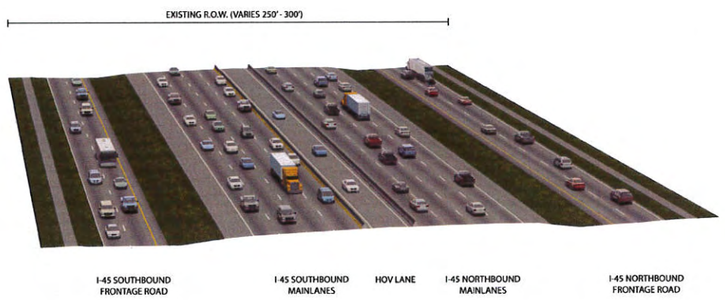
North Houston Highway Improvement Project

Texas Department of Transportation

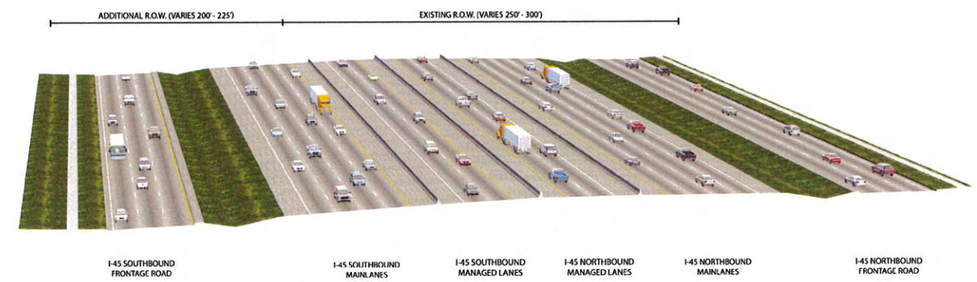
11-NOV-2013

I-45 NORTH - SEGMENT 1 (FROM BELTWAY 8 TO I-610)

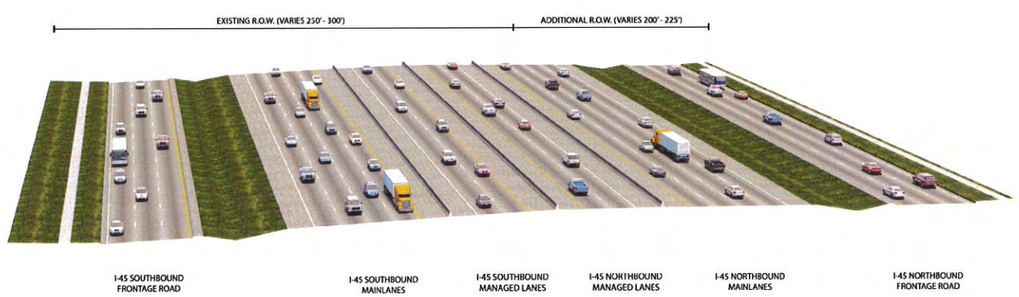
PRELIMINARY SUBJECT TO CHANGE



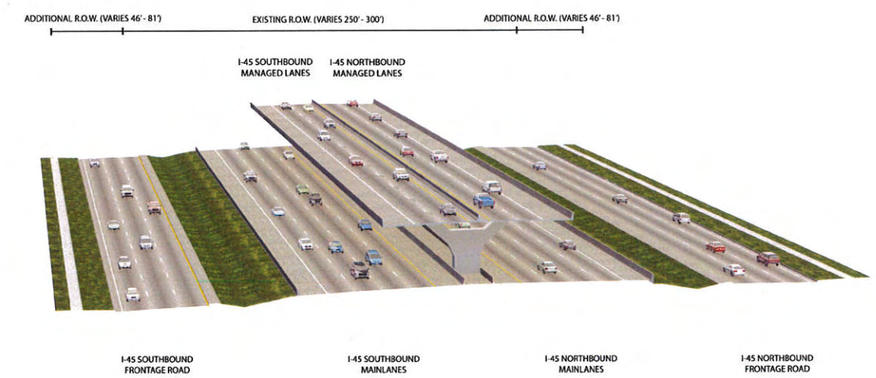
SEGMENT 1 – EXISTING



SEGMENT 1 – ALTERNATIVE 4



SEGMENT 1 – ALTERNATIVE 5



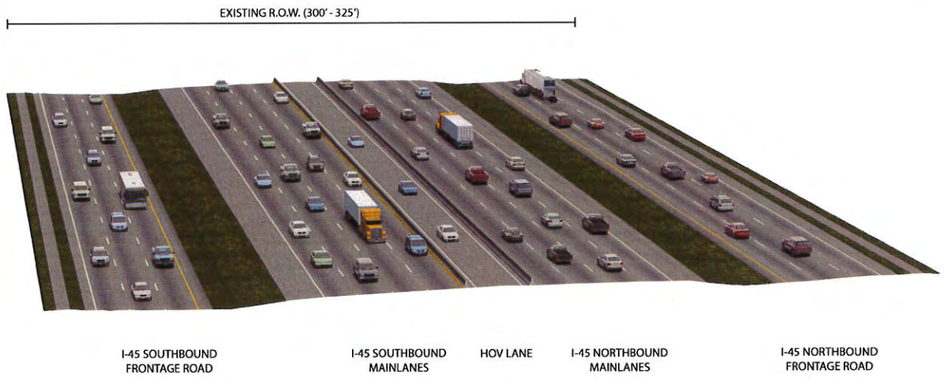
SEGMENT 1 – ALTERNATIVE 7

North Houston Highway Improvement Project

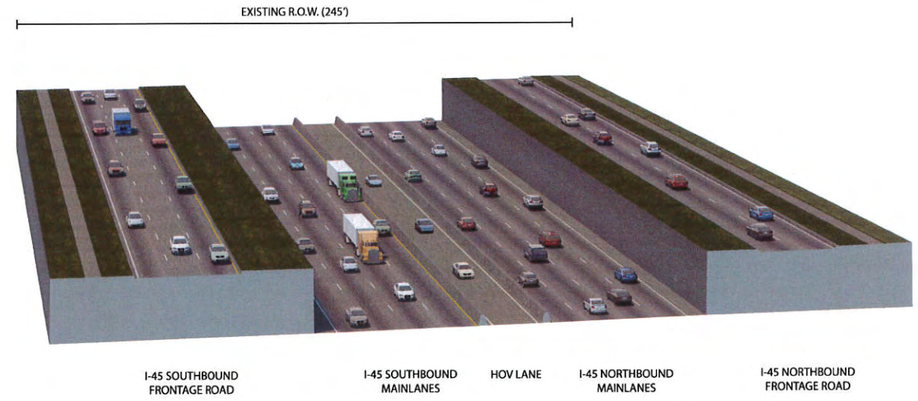
Texas Department of Transportation

I-45 NORTH - SEGMENT 2 (I-610 TO I-10)

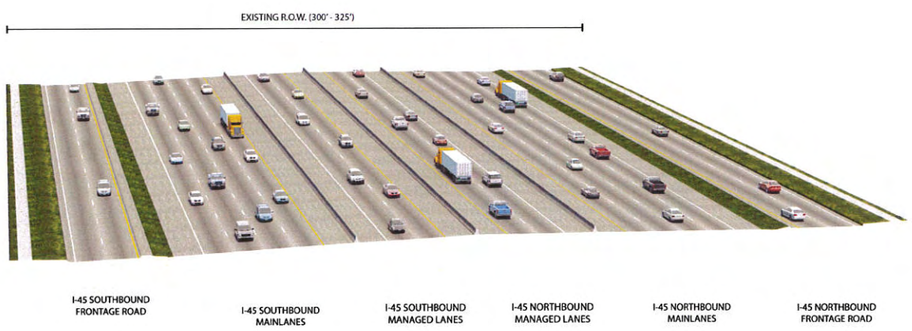
PRELIMINARY SUBJECT TO CHANGE



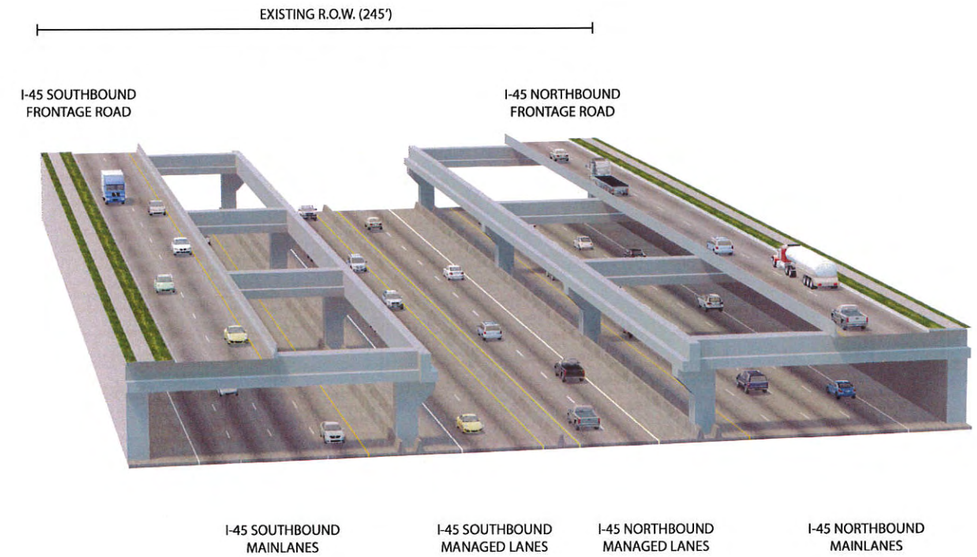
SEGMENT 2 – EXISTING (AT-GRADE)



SEGMENT 2 – EXISTING (DEPRESSED)



SEGMENT 2 – ALTERNATIVE 10 (AT-GRADE)



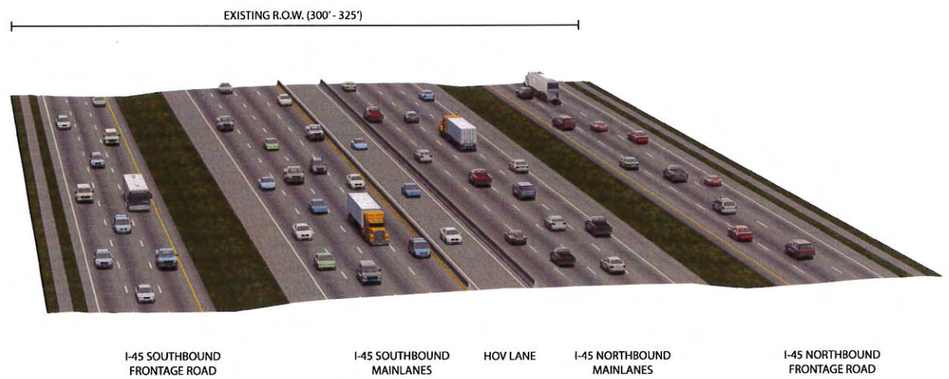
SEGMENT 2 – ALTERNATIVE 10 (DEPRESSED)

North Houston Highway Improvement Project

Texas Department of Transportation

I-45 NORTH - SEGMENT 2 (I-610 TO I-10)

PRELIMINARY SUBJECT TO CHANGE



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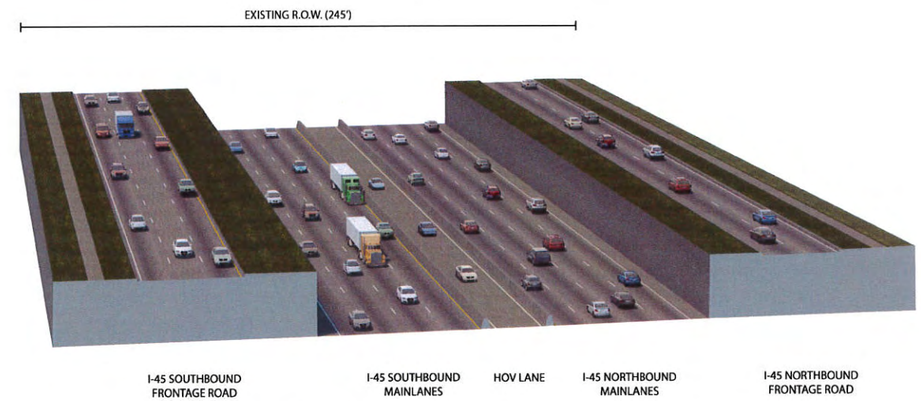

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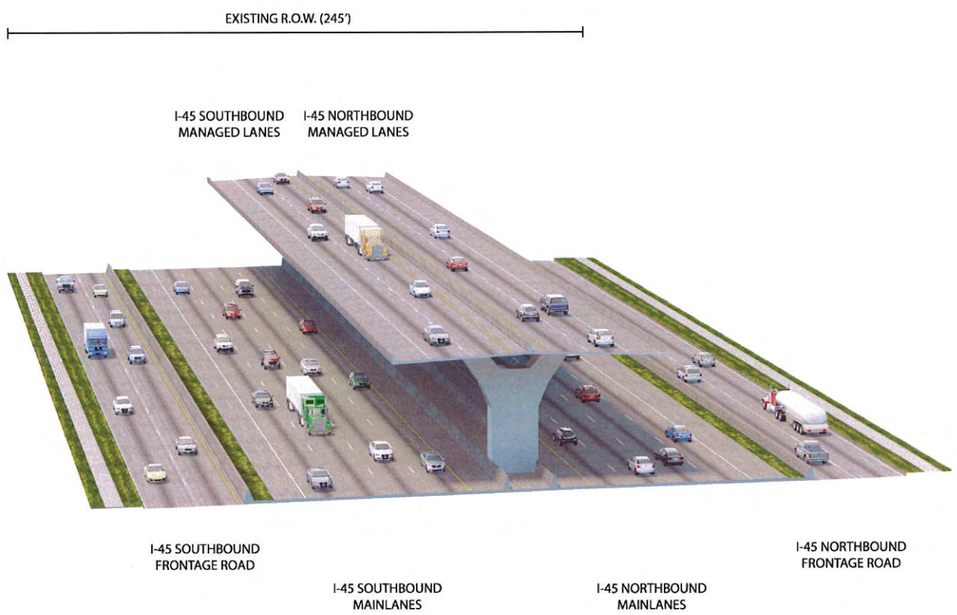
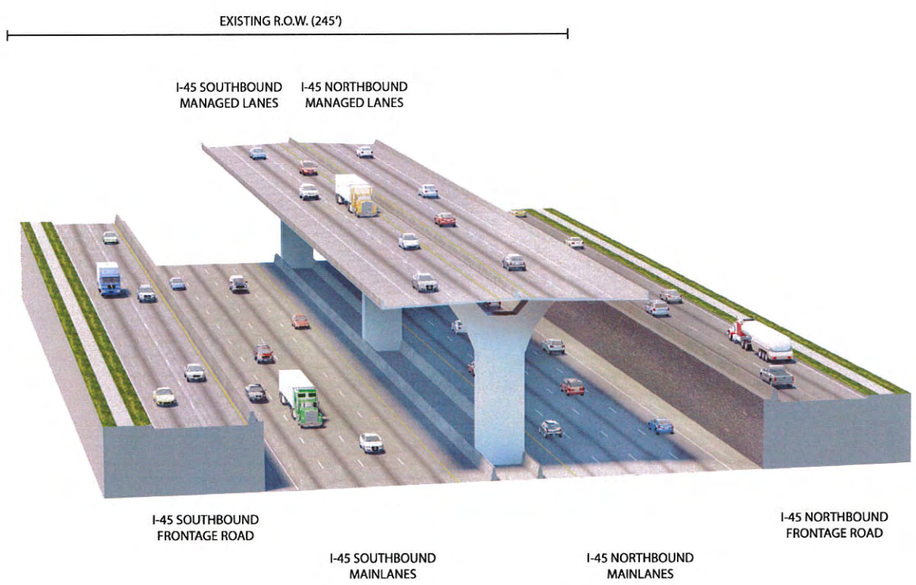


SEGMENT 2 – ALTERNATIVE 11 (AT-GRADE)



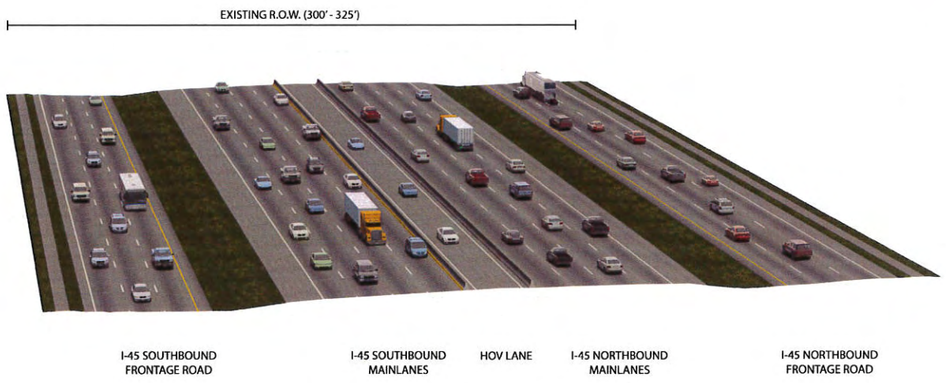
SEGMENT 2 – ALTERNATIVE 11 (DEPRESSED)

North Houston Highway Improvement Project

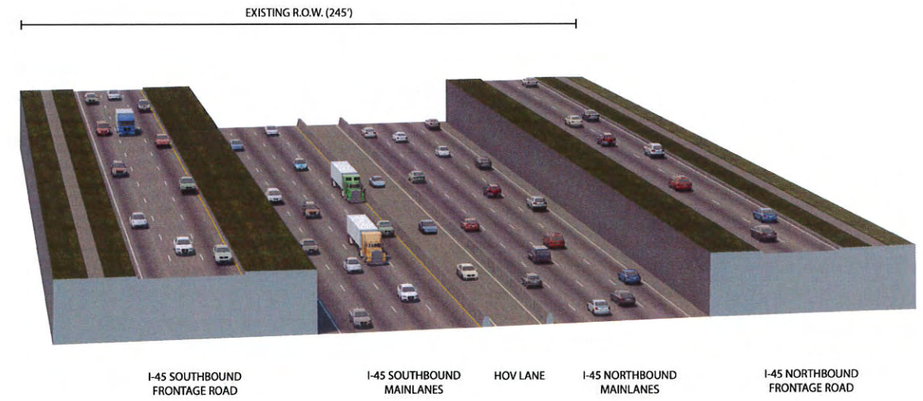
Texas Department of Transportation

I-45 NORTH - SEGMENT 2 (I-610 TO I-10)

PRELIMINARY SUBJECT TO CHANGE



SEGMENT 2 – EXISTING (AT-GRADE)



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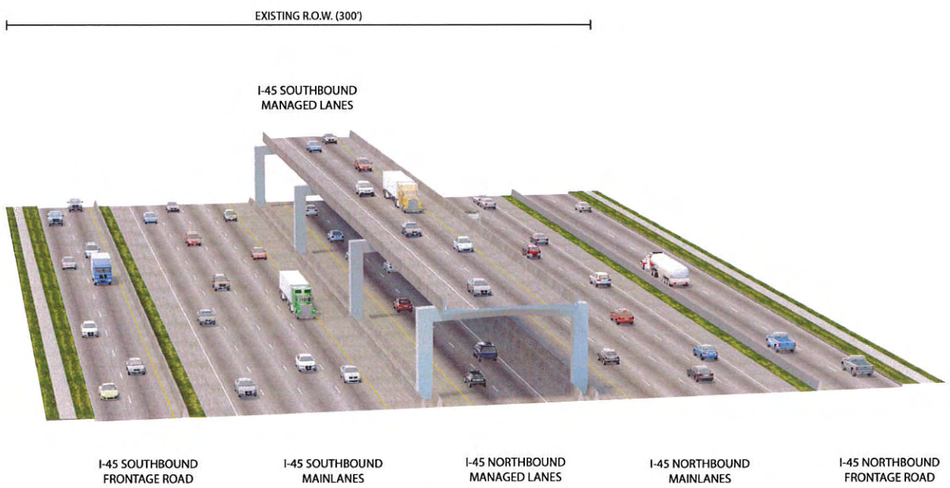
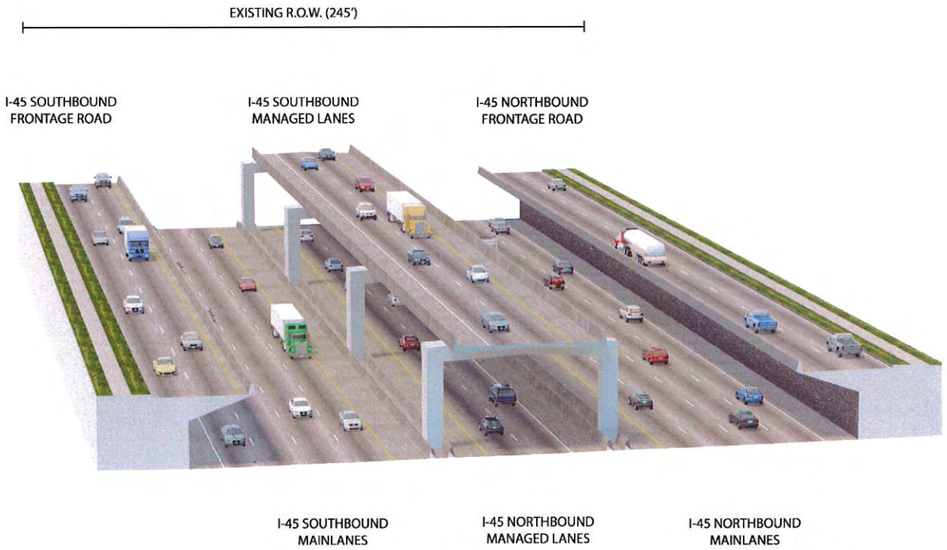


SEGMENT 2 – ALTERNATIVE 12 (AT-GRADE)



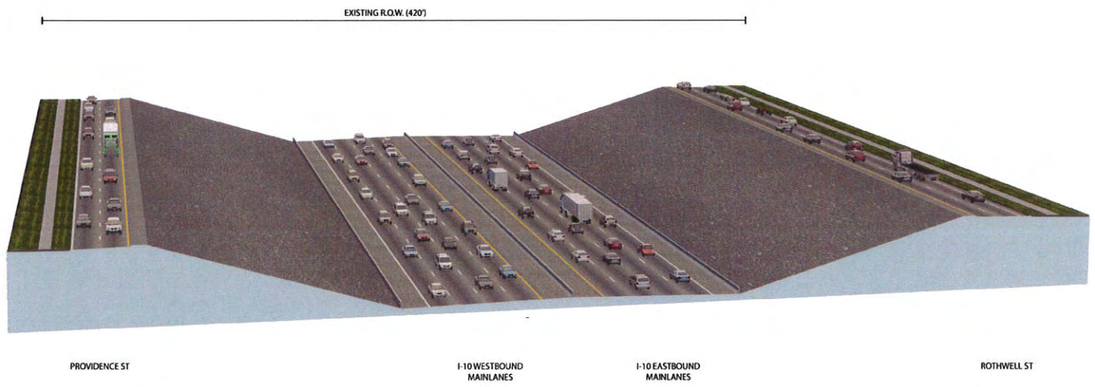
SEGMENT 2 – ALTERNATIVE 12 (DEPRESSED)

North Houston Highway Improvement Project

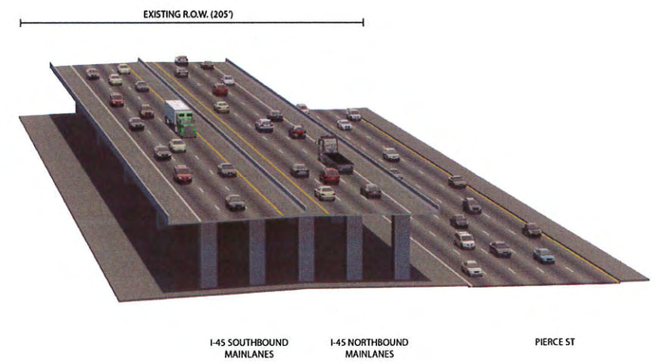
Texas Department of Transportation

I-45 NORTH - SEGMENT 3 (ALT 10)

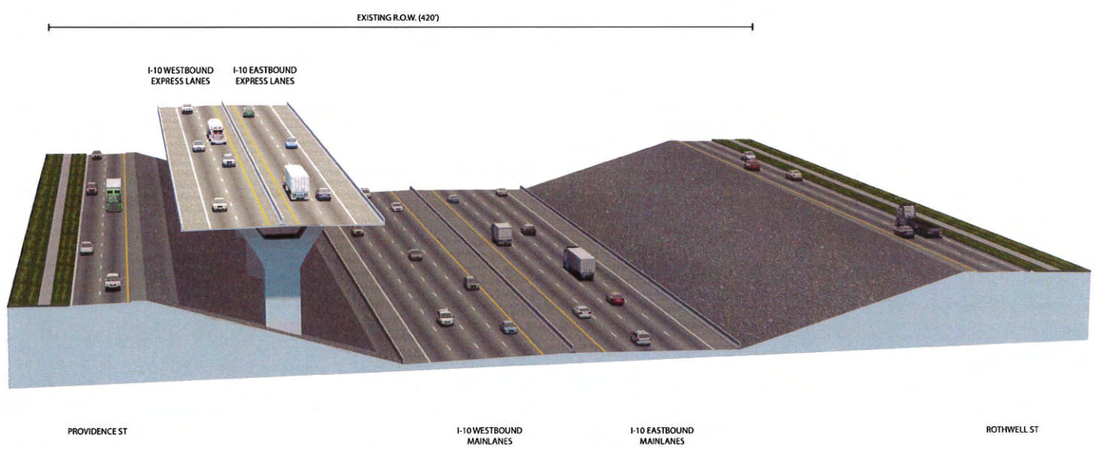
PRELIMINARY SUBJECT TO CHANGE



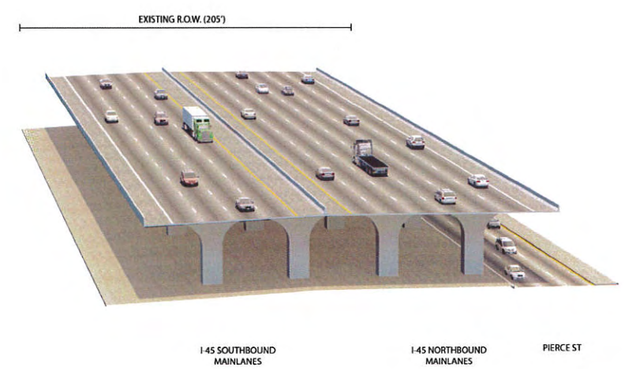
SEGMENT 3 – EXISTING (I-10)



SEGMENT 3 – EXISTING (I-45)



SEGMENT 3 – ALTERNATIVE 10 (I-10)



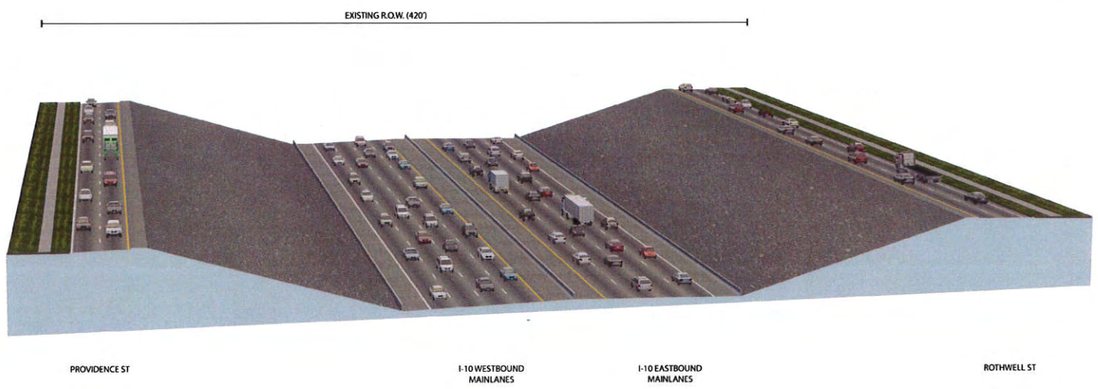
SEGMENT 3 – ALTERNATIVE 10 (I-45)

North Houston Highway Improvement Project

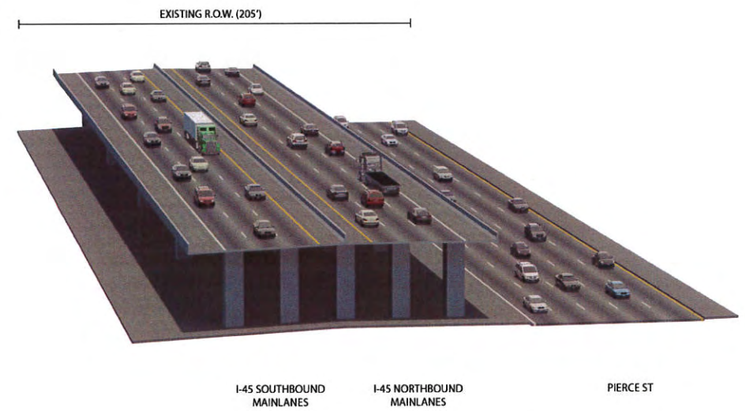
Texas Department of Transportation

I-45 NORTH - SEGMENT 3 (ALT 12)

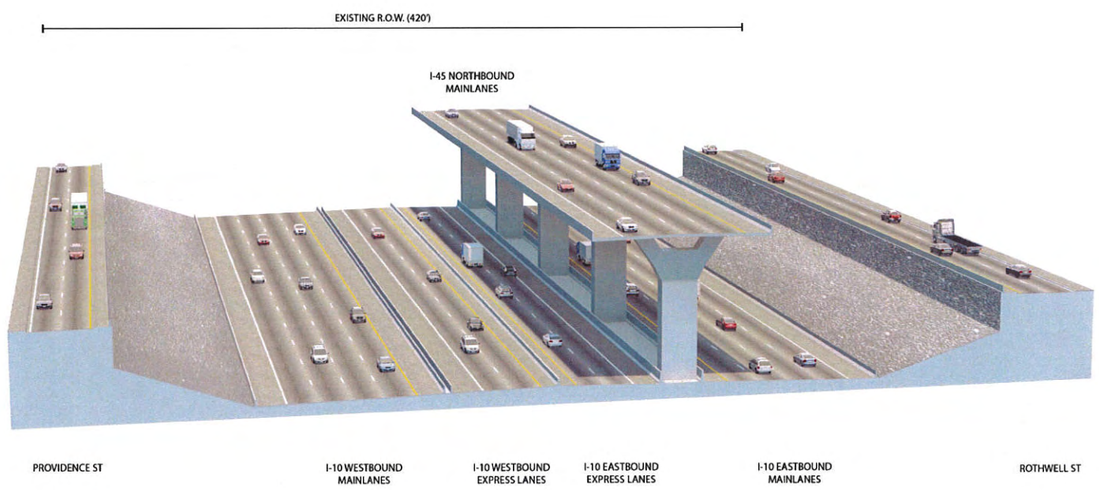
PRELIMINARY SUBJECT TO CHANGE



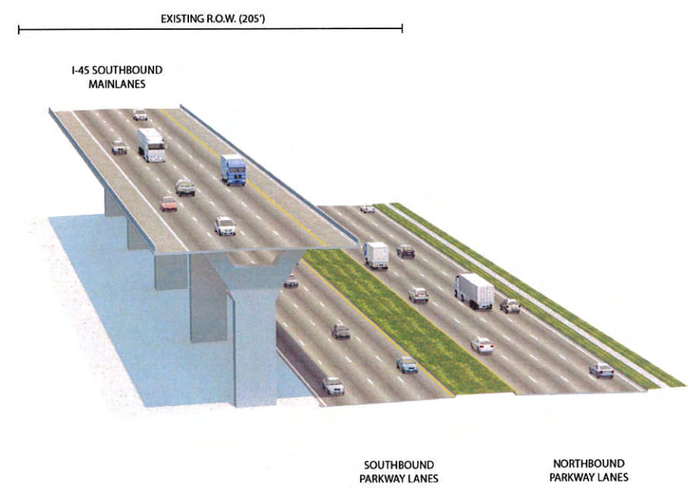
SEGMENT 3 – EXISTING (I-10)



SEGMENT 3 – EXISTING (I-45)



SEGMENT 3 – ALTERNATIVE 12 (I-10)



SEGMENT 3 – ALTERNATIVE 12 (I-45/PARKWAY)

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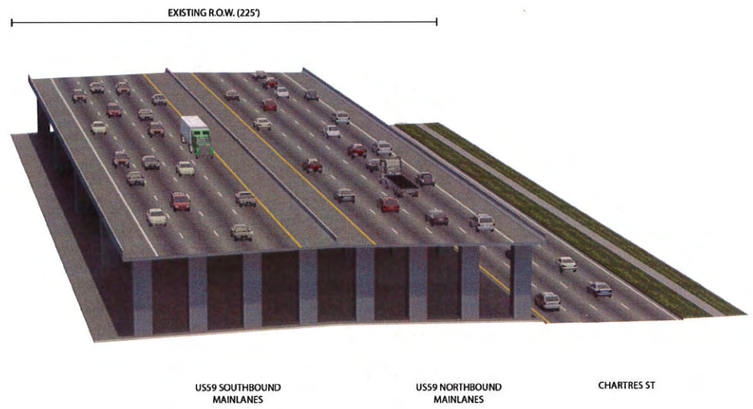
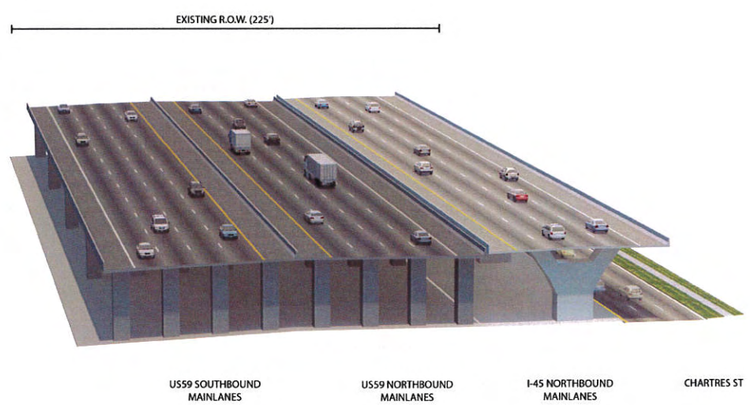
I-45 NORTH - SEGMENT 3 (ALT 12)

PRELIMINARY SUBJECT TO CHANGE



SEGMENT 3 – EXISTING (US 59)



SEGMENT 3 – ALTERNATIVE 12 (US 59)

North Houston Highway Improvement Project

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