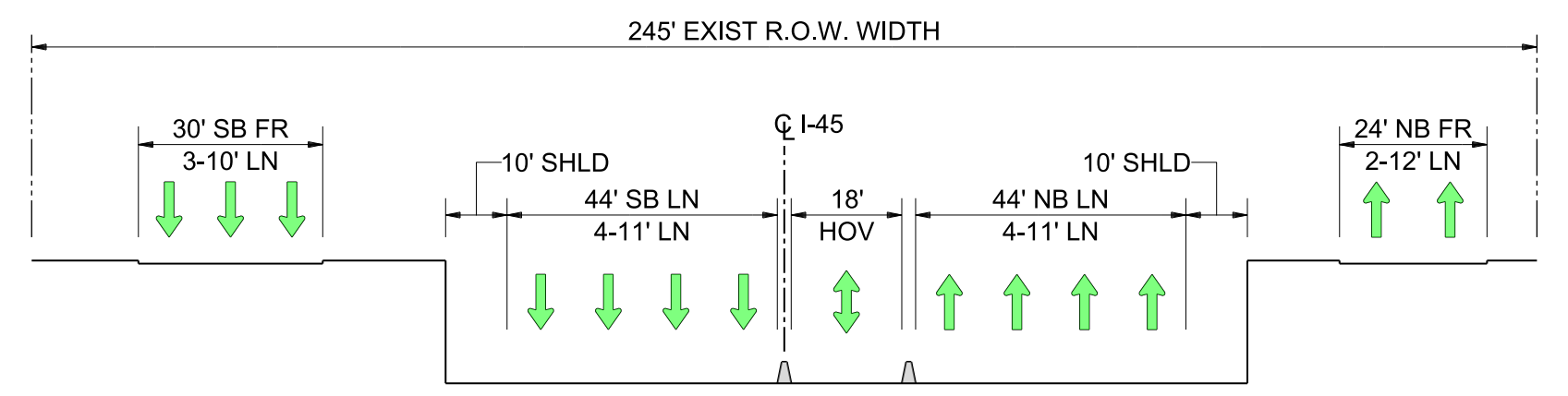
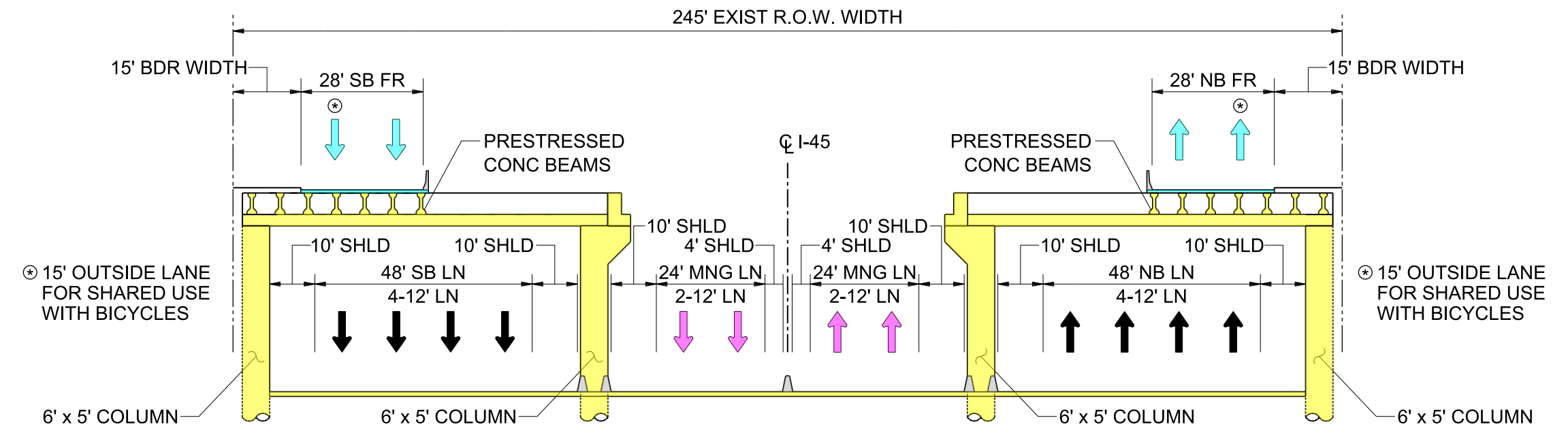
I-45 NORTH - SEGMENT 2 (I-10 TO I-610)

PRELIMINARY SUBJECT TO CHANGE



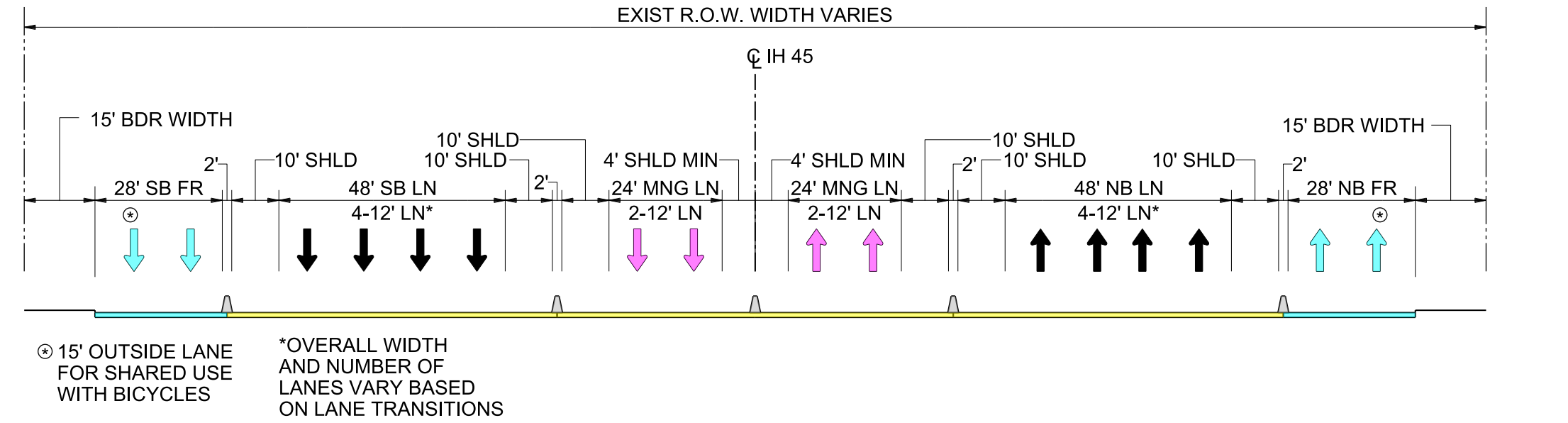
245' EXIST R.O.W. WIDTH
30' SB FR
3-10' LN
℄ I-45
10' SHLD
44' SB LN
4-11' LN
18'
HOV
44' NB LN
4-11' LN
10' SHLD
24' NB FR
2-12' LN

EXISTING



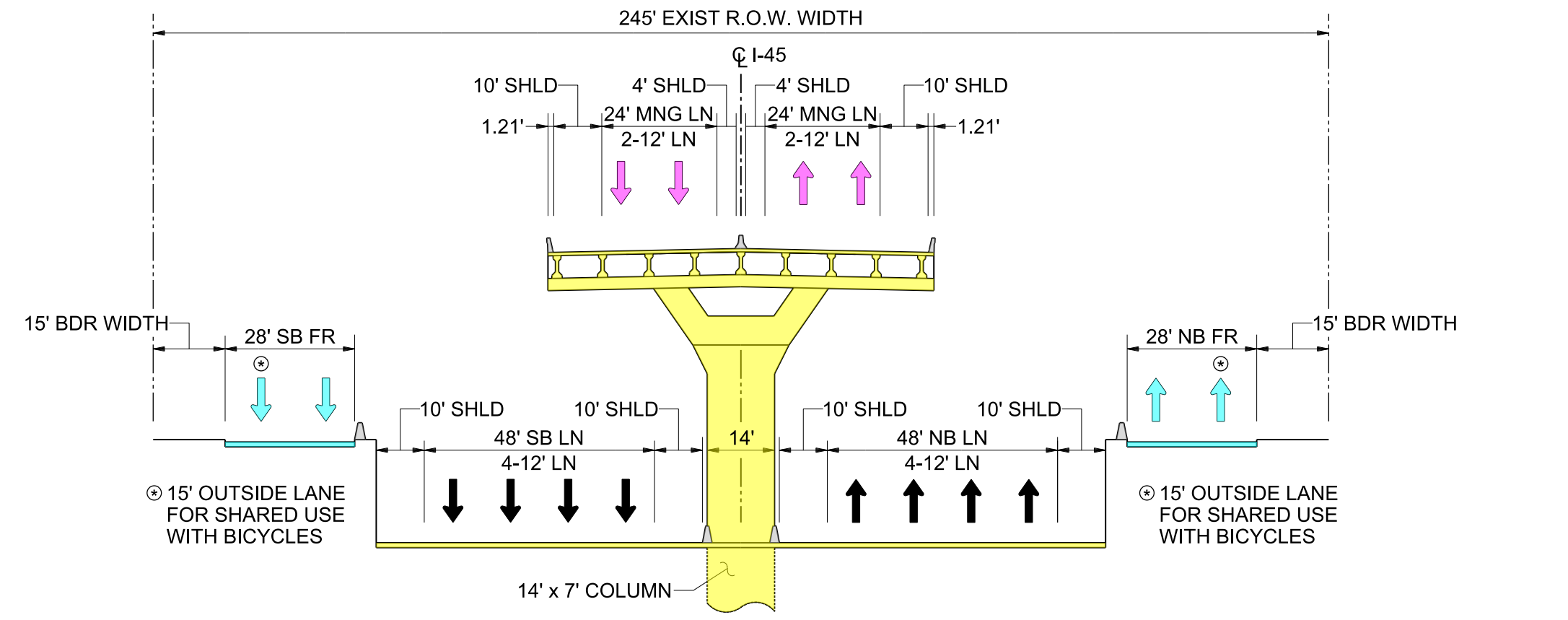
245' EXIST R.O.W. WIDTH
15' BDR WIDTH
28' SB FR
PRESTRESSED CONC BEAMS
℄ I-45
28' NB FR
15' BDR WIDTH
⊛ 15' OUTSIDE LANE FOR SHARED USE WITH BICYCLES
10' SHLD
48' SB LN
4-12' LN
10' SHLD
4' SHLD
24' MNG LN
2-12' LN
48' NB LN
4-12' LN
6' x 5' COLUMN

ALTERNATIVE 10 - SECTION A-A



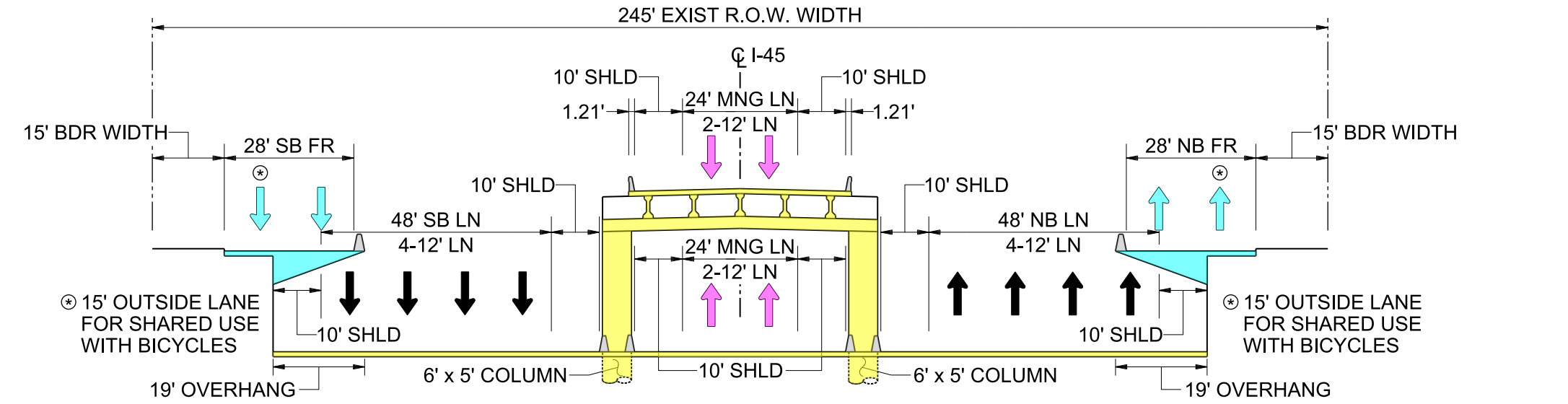
EXIST R.O.W. WIDTH VARIES
℄ IH 45
15' BDR WIDTH
2'
28' SB FR
10' SHLD
48' SB LN
4-12' LN*
4' SHLD MIN
24' MNG LN
2-12' LN
48' NB LN
28' NB FR
⊛ 15' OUTSIDE LANE FOR SHARED USE WITH BICYCLES
*OVERALL WIDTH AND NUMBER OF LANES VARY BASED ON LANE TRANSITIONS

ALTERNATIVE 10 - SECTION B-B



245' EXIST R.O.W. WIDTH
℄ I-45
10' SHLD
4' SHLD
24' MNG LN
2-12' LN
1.21'
15' BDR WIDTH
28' SB FR
28' NB FR
48' SB LN
4-12' LN
14'
48' NB LN
⊛ 15' OUTSIDE LANE FOR SHARED USE WITH BICYCLES
14' x 7' COLUMN

ALTERNATIVE 11



245' EXIST R.O.W. WIDTH
℄ I-45
10' SHLD
24' MNG LN
2-12' LN
1.21'
15' BDR WIDTH
28' SB FR
28' NB FR
48' SB LN
4-12' LN
48' NB LN
⊛ 15' OUTSIDE LANE FOR SHARED USE WITH BICYCLES
19' OVERHANG
6' x 5' COLUMN

ALTERNATIVE 12

SCALE: 0 100 200 300 400

North Houston
Highway
Improvement Project

Texas Department of Transportation

12-NOV-2013

SEGMENT 2 (I-10 TO I-610) ALTERNATIVES

A
A
B
B
HOGG PARK

PRELIMINARY SUBJECT TO CHANGE

PRELIMINARY SUBJECT TO CHANGE

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

PRELIMINARY SUBJECT TO CHANGE

PROPOSED ROW

EXISTING ROW

PROPOSED ROW

EXISTING ROW

PROPOSED ROW

EXISTING ROW

SCALE: 0 100 200 300 400

North Houston
Highway
Improvement Project

Texas Department of Transportation

12-NOV-2013

INTERSTATE 45

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

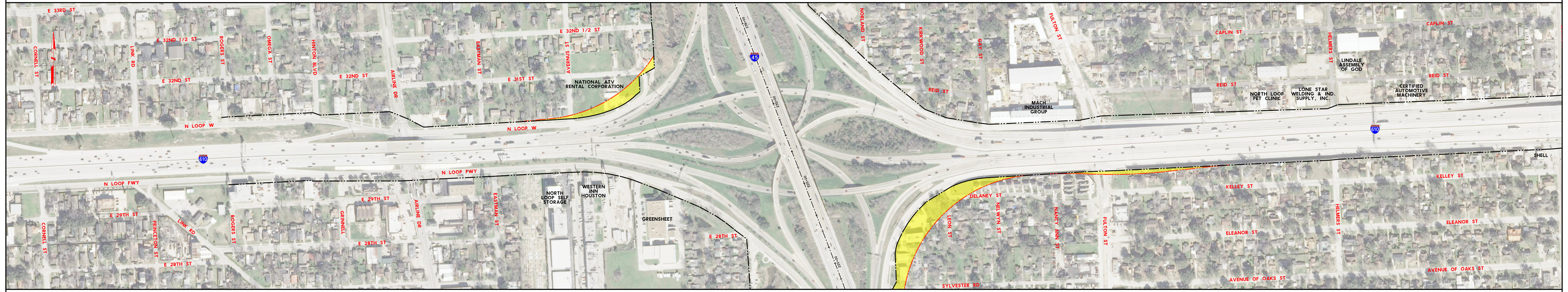
PRELIMINARY SUBJECT TO CHANGE

SEGMENT 2 ALTERNATIVES (I-45/I-610 INTERCHANGE)

INTERSTATE 45

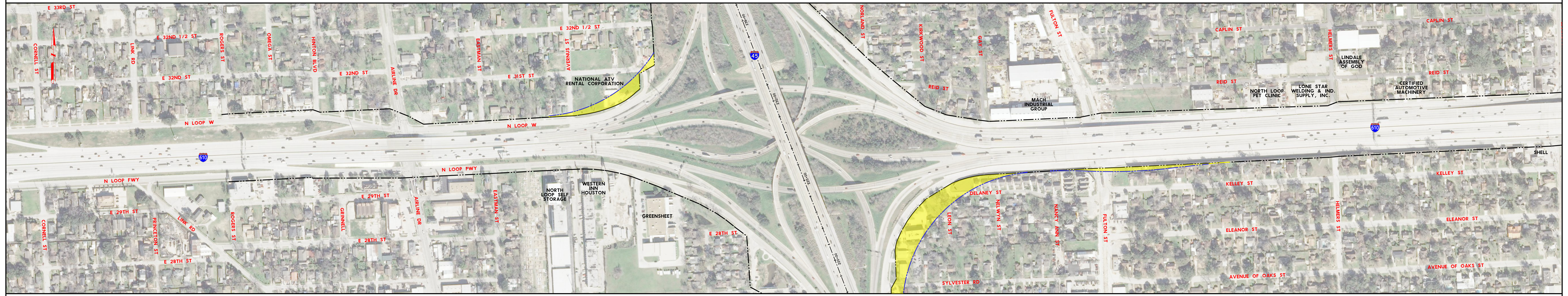
I-45 NORTH - SEGMENT 2 (I-610 TO I-10)

PRELIMINARY SUBJECT TO CHANGE


E 33RD ST
E 32ND 1/2 ST
CORNELL ST
LINK RD
ROGERS ST
OMEGA ST
HINTON BLVD
E 32ND ST
AIRLINE DR
EASTMAN ST
AVERNUS ST
E 31ST ST
NATIONAL ATV RENTAL CORPORATION
N LOOP W
610
N LOOP FWY
E 29TH ST
PRINCETON ST
E 28TH ST
GRINNELL
NORTH LOOP SELF STORAGE
WESTERN INN HOUSTON
GREENSHEET
45
235+00
230+00
225+00
220+00
NORLAND ST
KIRKWOOD ST
GAY ST
FULTON ST
REID ST
MACH INDUSTRIAL GROUP
CAPLIN ST
HELMERS ST
LINDALE ASSEMBLY OF GOD
NORTH LOOP PET CLINIC
LONE STAR WELDING & IND. SUPPLY, INC.
CERTIFIED AUTOMOTIVE MACHINERY
SHELL
KELLEY ST
DELANEY ST
NELWYN ST
LEON ST
NANCY ANN ST
ELEANOR ST
AVENUE OF OAKS ST
SYLVESTER RD

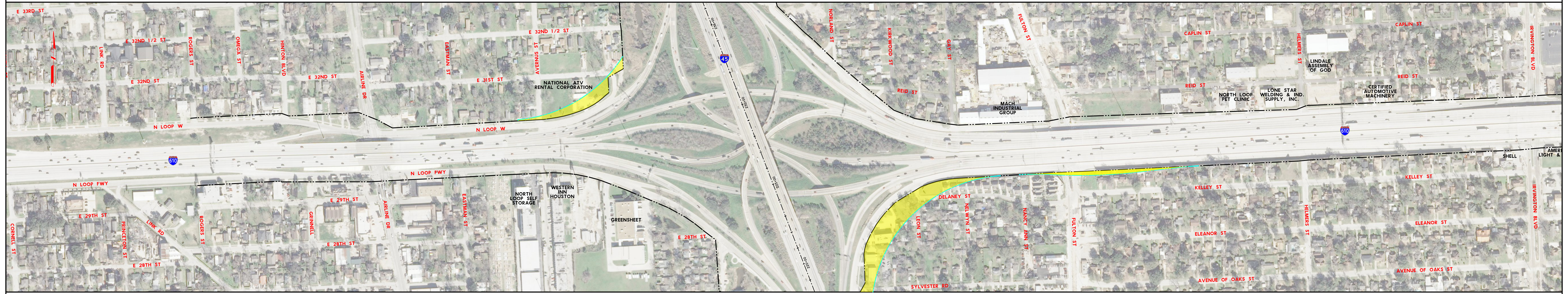
PROPOSED ROW

EXISTING ROW


E 33RD ST
E 32ND 1/2 ST
CORNELL ST
LINK RD
ROGERS ST
OMEGA ST
HINTON BLVD
E 32ND ST
AIRLINE DR
EASTMAN ST
AVERNUS ST
E 31ST ST
NATIONAL ATV RENTAL CORPORATION
N LOOP W
610
N LOOP FWY
E 29TH ST
PRINCETON ST
E 28TH ST
GRINNELL
NORTH LOOP SELF STORAGE
WESTERN INN HOUSTON
GREENSHEET
45
NORLAND ST
KIRKWOOD ST
GAY ST
FULTON ST
REID ST
MACH INDUSTRIAL GROUP
CAPLIN ST
HELMERS ST
LINDALE ASSEMBLY OF GOD
NORTH LOOP PET CLINIC
LONE STAR WELDING & IND. SUPPLY, INC.
CERTIFIED AUTOMOTIVE MACHINERY
SHELL
KELLEY ST
DELANEY ST
NELWYN ST
LEON ST
NANCY ANN ST
ELEANOR ST
AVENUE OF OAKS ST
SYLVESTER RD

PROPOSED ROW

EXISTING ROW


E 33RD ST
E 32ND 1/2 ST
CORNELL ST
LINK RD
ROGERS ST
OMEGA ST
HINTON BLVD
E 32ND ST
AIRLINE DR
EASTMAN ST
AVERNUS ST
E 31ST ST
NATIONAL ATV RENTAL CORPORATION
N LOOP W
610
N LOOP FWY
E 29TH ST
PRINCETON ST
E 28TH ST
GRINNELL
NORTH LOOP SELF STORAGE
WESTERN INN HOUSTON
GREENSHEET
45
NORLAND ST
KIRKWOOD ST
GAY ST
FULTON ST
REID ST
MACH INDUSTRIAL GROUP
CAPLIN ST
HELMERS ST
LINDALE ASSEMBLY OF GOD
NORTH LOOP PET CLINIC
LONE STAR WELDING & IND. SUPPLY, INC.
CERTIFIED AUTOMOTIVE MACHINERY
SHELL
IRVINGTON BLVD
KELLEY ST
DELANEY ST
NELWYN ST
LEON ST
NANCY ANN ST
ELEANOR ST
AVENUE OF OAKS ST
SYLVESTER RD

PROPOSED ROW

EXISTING ROW

PRELIMINARY SUBJECT TO CHANGE

SCALE: 0 100 200 300 400

North Houston
Highway
Improvement Project

Texas Department of Transportation

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SCALE: 0 100 200 300 400

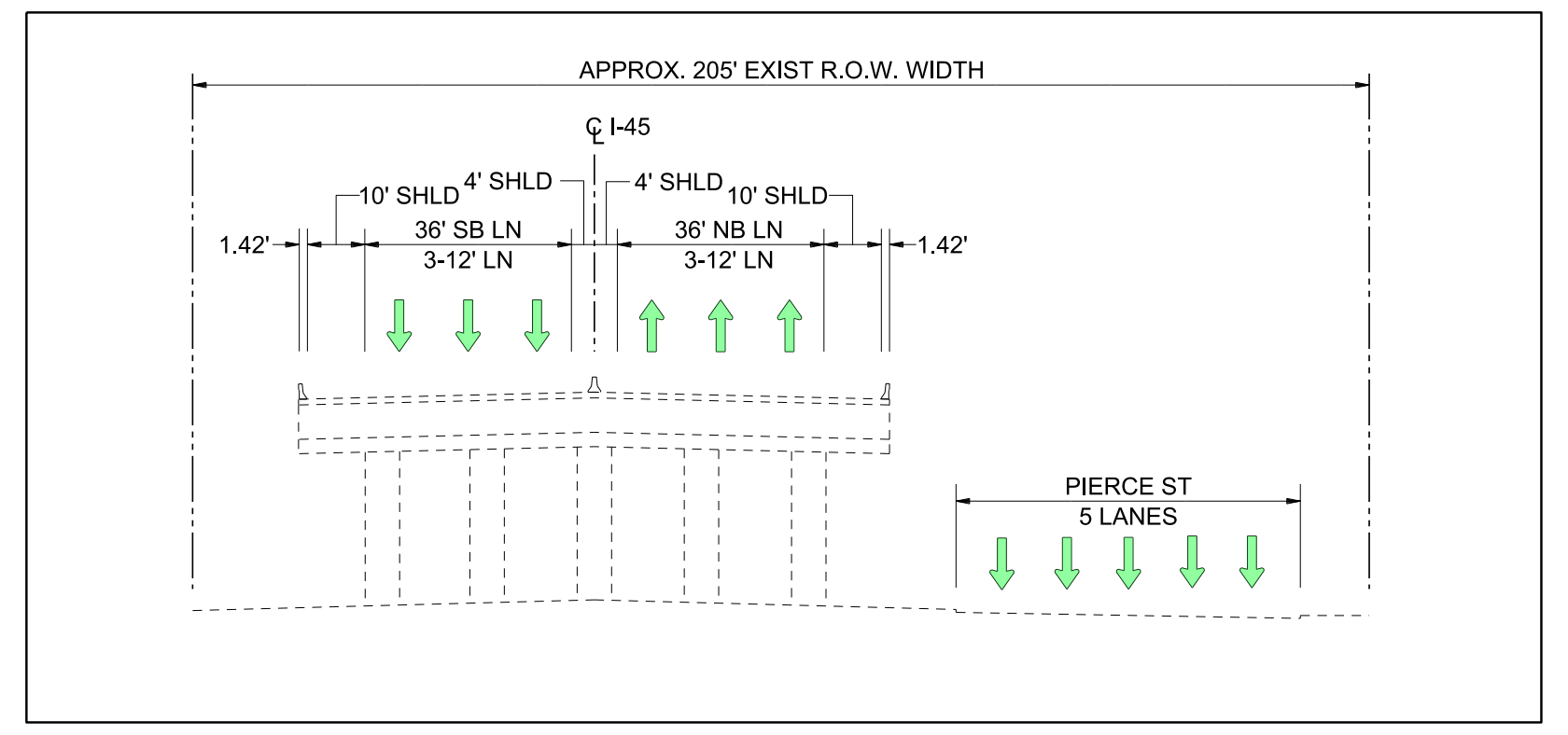
North Houston
Highway
Improvement Project

Texas Department of Transportation

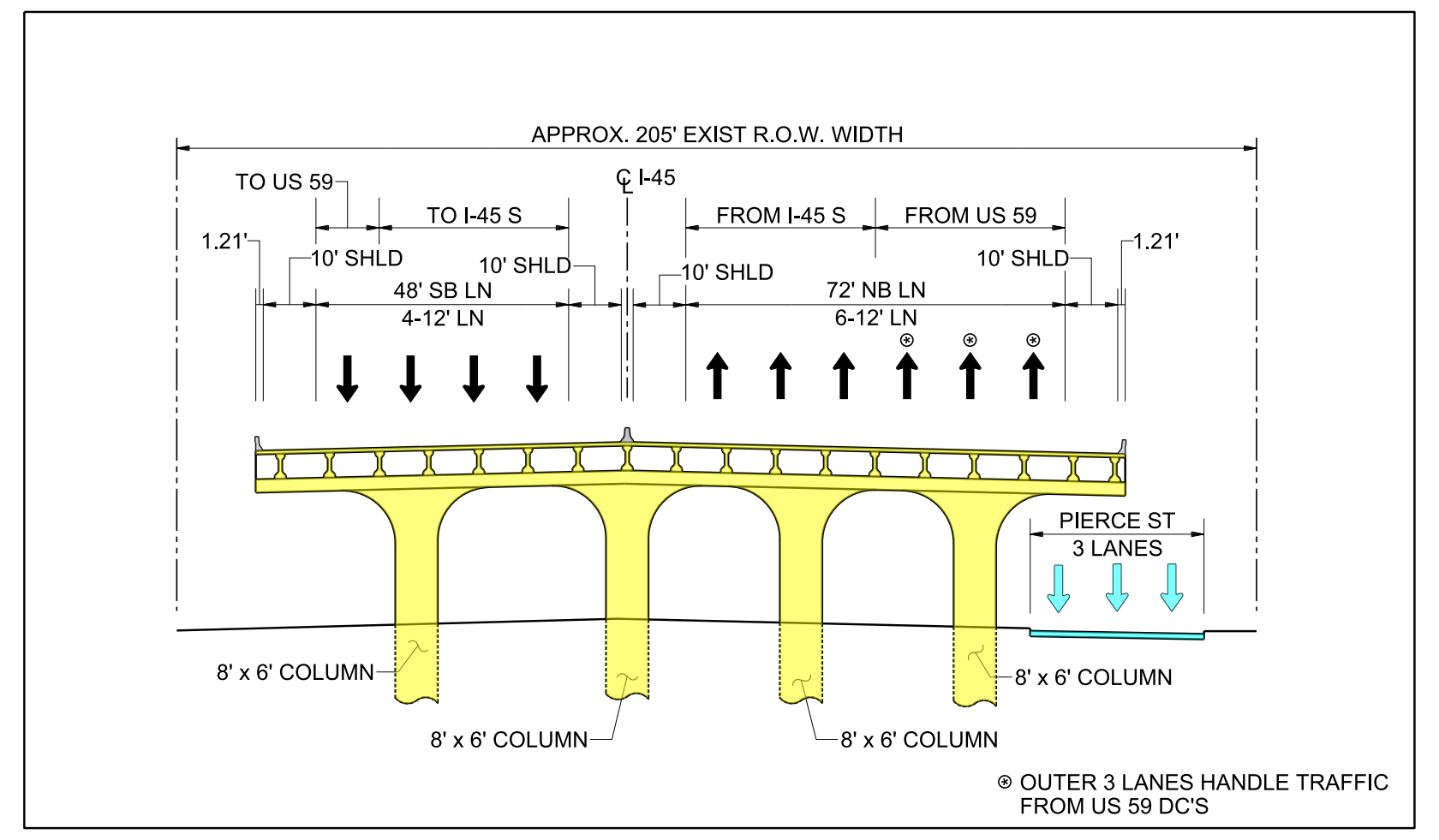
12-NOV-2013

I-45 NORTH - SEGMENT 3 (ALT 10)

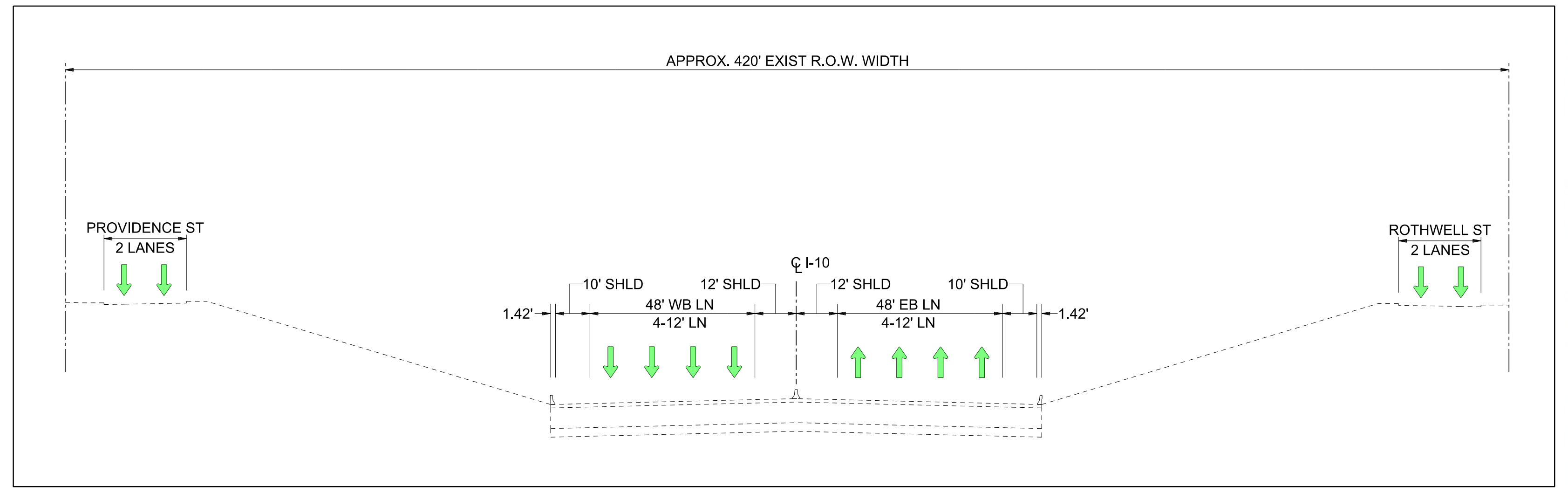
PRELIMINARY SUBJECT TO CHANGE


APPROX. 205' EXIST R.O.W. WIDTH
℄ I-45
10' SHLD
4' SHLD
4' SHLD
10' SHLD
1.42'
36' SB LN
3-12' LN
36' NB LN
3-12' LN
1.42'
PIERCE ST
5 LANES

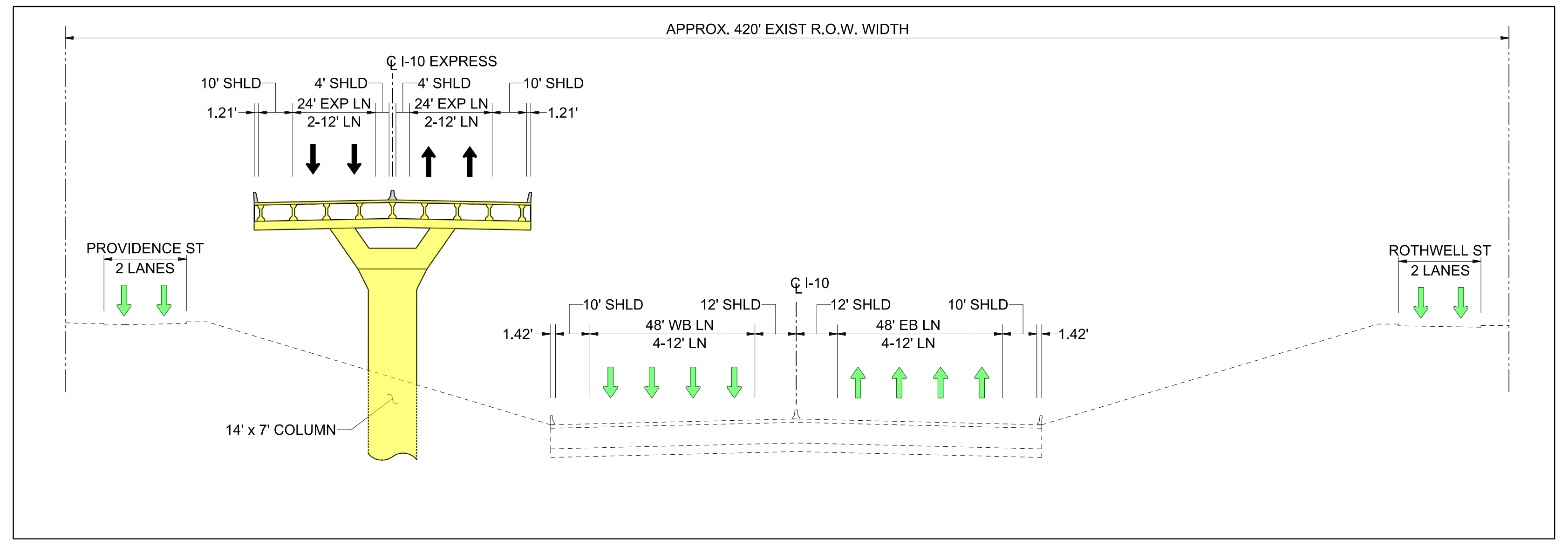
EXISTING I-45 (PIERCE ELEVATED)


APPROX. 205' EXIST R.O.W. WIDTH
TO US 59
TO I-45 S
℄ I-45
FROM I-45 S
FROM US 59
1.21'
10' SHLD
10' SHLD
10' SHLD
10' SHLD
1.21'
48' SB LN
4-12' LN
72' NB LN
6-12' LN
PIERCE ST
3 LANES
8' x 6' COLUMN
8' x 6' COLUMN
8' x 6' COLUMN
8' x 6' COLUMN
⊛ OUTER 3 LANES HANDLE TRAFFIC FROM US 59 DC'S

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


APPROX. 420' EXIST R.O.W. WIDTH
PROVIDENCE ST
2 LANES
ROTHWELL ST
2 LANES
℄ I-10
10' SHLD
12' SHLD
12' SHLD
10' SHLD
1.42'
48' WB LN
4-12' LN
48' EB LN
4-12' LN
1.42'

EXISTING I-10 (DEPRESSED SECTION)


APPROX. 420' EXIST R.O.W. WIDTH
℄ I-10 EXPRESS
10' SHLD
4' SHLD
4' SHLD
10' SHLD
1.21'
24' EXP LN
2-12' LN
24' EXP LN
2-12' LN
1.21'
PROVIDENCE ST
2 LANES
ROTHWELL ST
2 LANES
℄ I-10
10' SHLD
12' SHLD
12' SHLD
10' SHLD
1.42'
48' WB LN
4-12' LN
48' EB LN
4-12' LN
1.42'
14' x 7' COLUMN

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

SCALE: 0 200 400 600 800

North Houston
Highway
Improvement Project

Texas Department of Transportation

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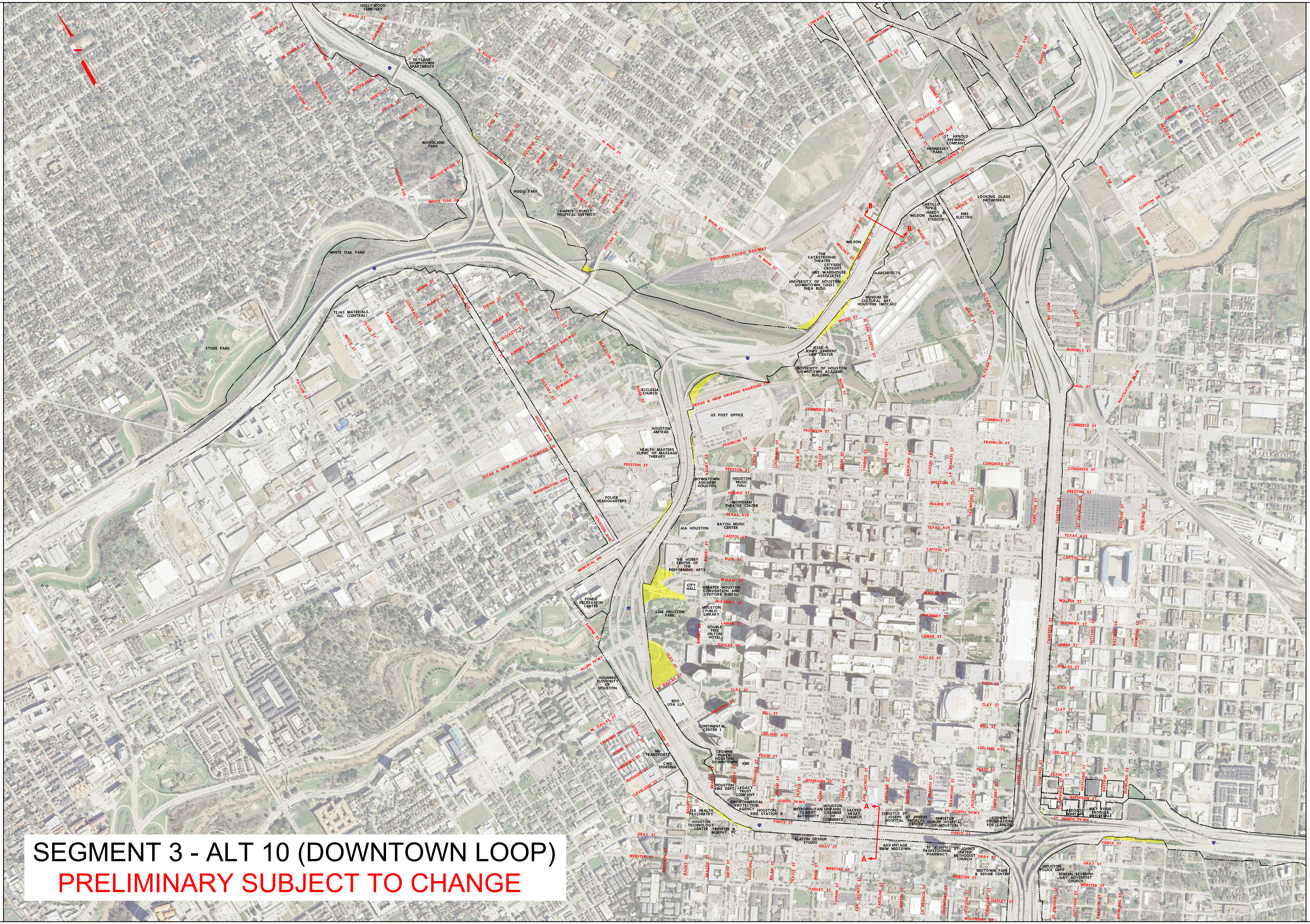

SEGMENT 3 - ALT 10 (DOWNTOWN LOOP)
PRELIMINARY SUBJECT TO CHANGE

I-45 NORTH - SEGMENT 3 (ALT 10)

PRELIMINARY SUBJECT TO CHANGE

SCALE: 0 200 400 600 800

North Houston
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Improvement Project

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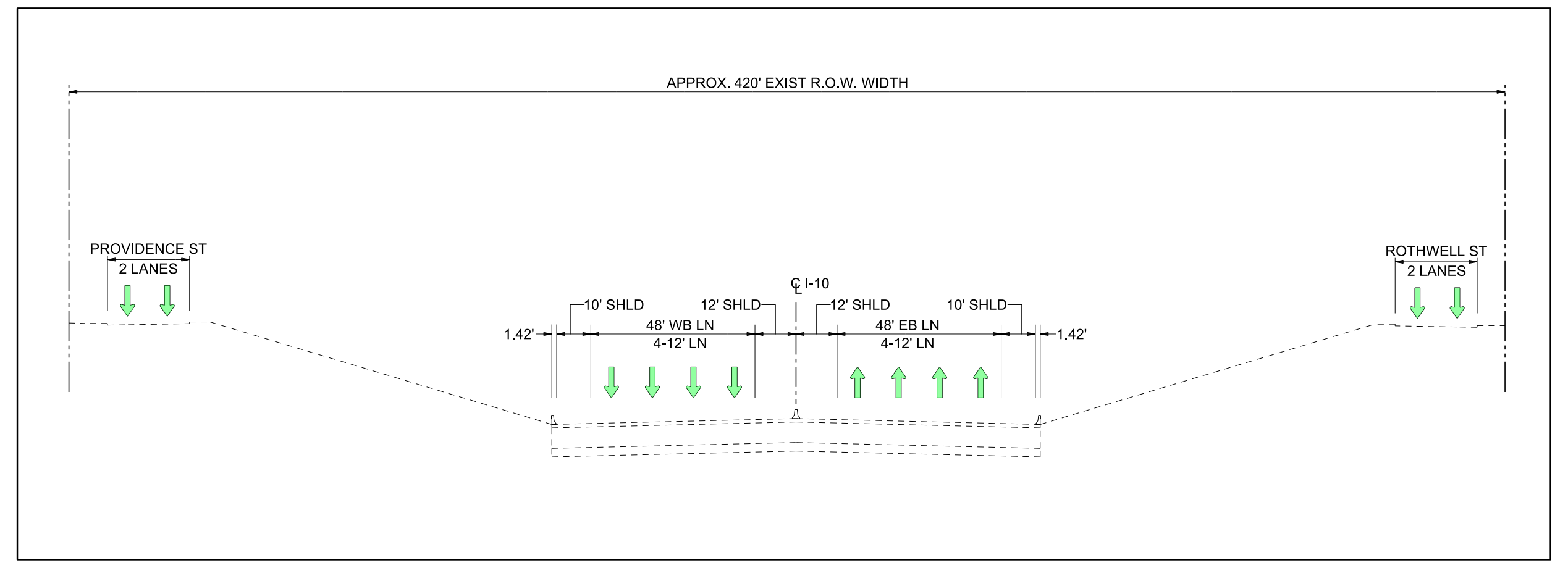
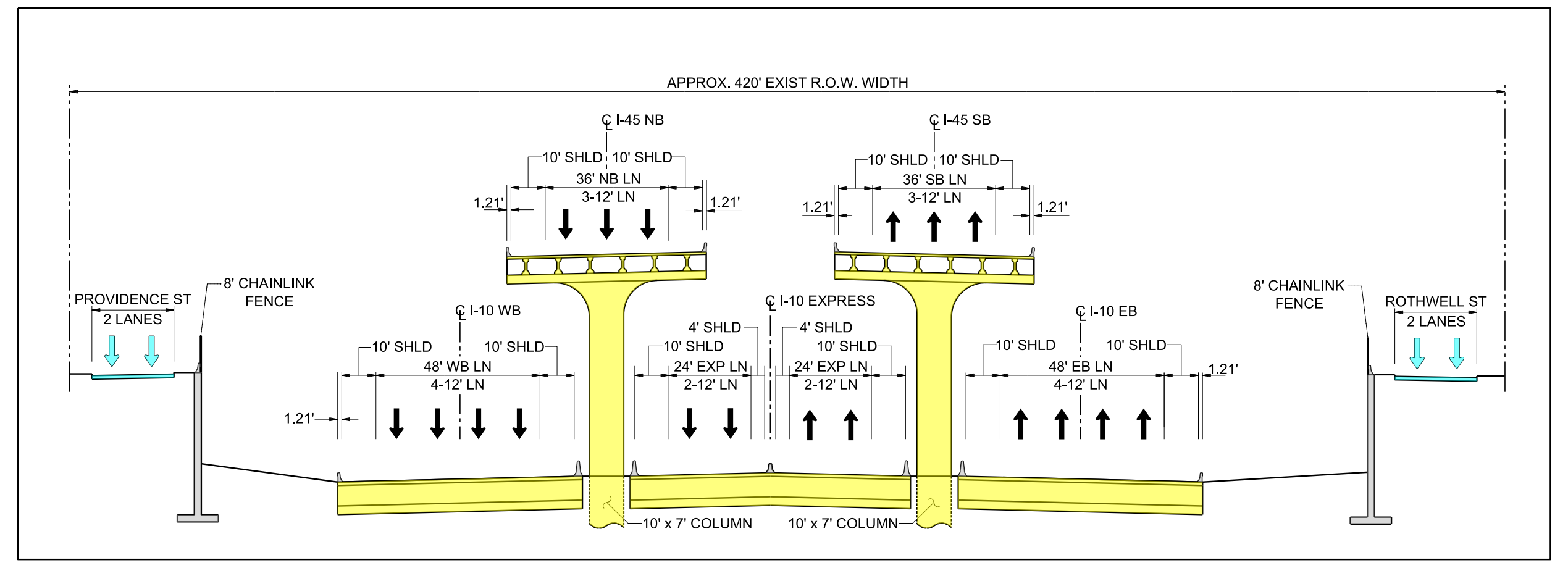
I-45 NORTH - SEGMENT 3 (ALT 11)

PRELIMINARY SUBJECT TO CHANGE



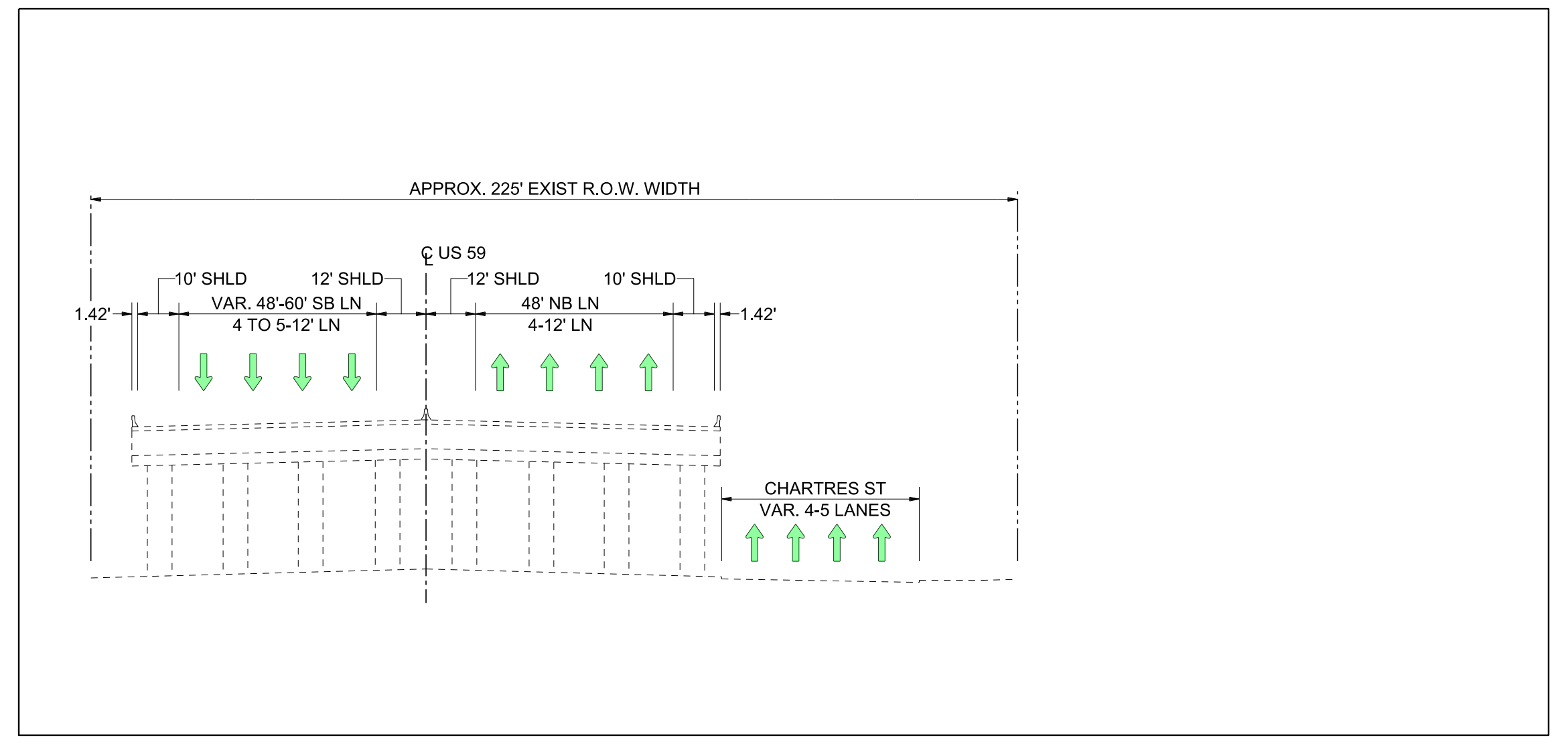
APPROX. 420' EXIST R.O.W. WIDTH
PROVIDENCE ST
2 LANES
ROTHWELL ST
2 LANES
℄ I-10
10' SHLD
12' SHLD
48' WB LN
4-12' LN
12' SHLD
10' SHLD
48' EB LN
4-12' LN
1.42'
1.42'

EXISTING I-10 (DEPRESSED SECTION)



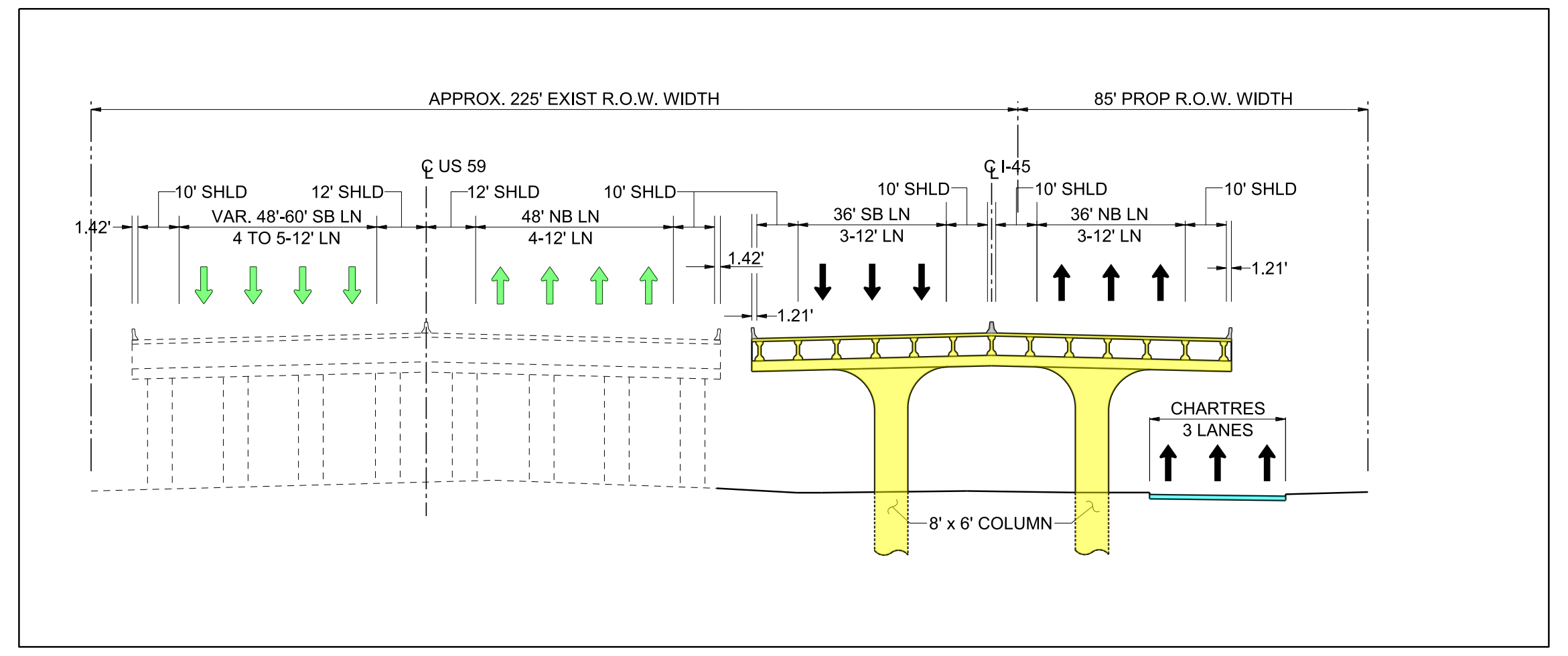
APPROX. 420' EXIST R.O.W. WIDTH
℄ I-45 NB
10' SHLD
10' SHLD
36' NB LN
3-12' LN
℄ I-45 SB
10' SHLD
10' SHLD
36' SB LN
3-12' LN
1.21'
PROVIDENCE ST
2 LANES
8' CHAINLINK FENCE
℄ I-10 WB
10' SHLD
10' SHLD
48' WB LN
4-12' LN
℄ I-10 EXPRESS
4' SHLD
10' SHLD
24' EXP LN
2-12' LN
4' SHLD
10' SHLD
24' EXP LN
2-12' LN
℄ I-10 EB
10' SHLD
10' SHLD
48' EB LN
4-12' LN
8' CHAINLINK FENCE
ROTHWELL ST
2 LANES
10' x 7' COLUMN
10' x 7' COLUMN

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



APPROX. 225' EXIST R.O.W. WIDTH
℄ US 59
10' SHLD
12' SHLD
VAR. 48'-60' SB LN
4 TO 5-12' LN
12' SHLD
10' SHLD
48' NB LN
4-12' LN
1.42'
1.42'
CHARTRES ST
VAR. 4-5 LANES

EXISTING US 59



APPROX. 225' EXIST R.O.W. WIDTH
85' PROP R.O.W. WIDTH
℄ US 59
10' SHLD
12' SHLD
VAR. 48'-60' SB LN
4 TO 5-12' LN
12' SHLD
10' SHLD
48' NB LN
4-12' LN
℄ I-45
10' SHLD
36' SB LN
3-12' LN
10' SHLD
10' SHLD
36' NB LN
3-12' LN
1.42'
1.42'
1.21'
1.21'
CHARTRES
3 LANES
8' x 6' COLUMN

PROPOSED US 59
SECTION B-B

SCALE: 0 200 400 600 800

North Houston
Highway
Improvement Project

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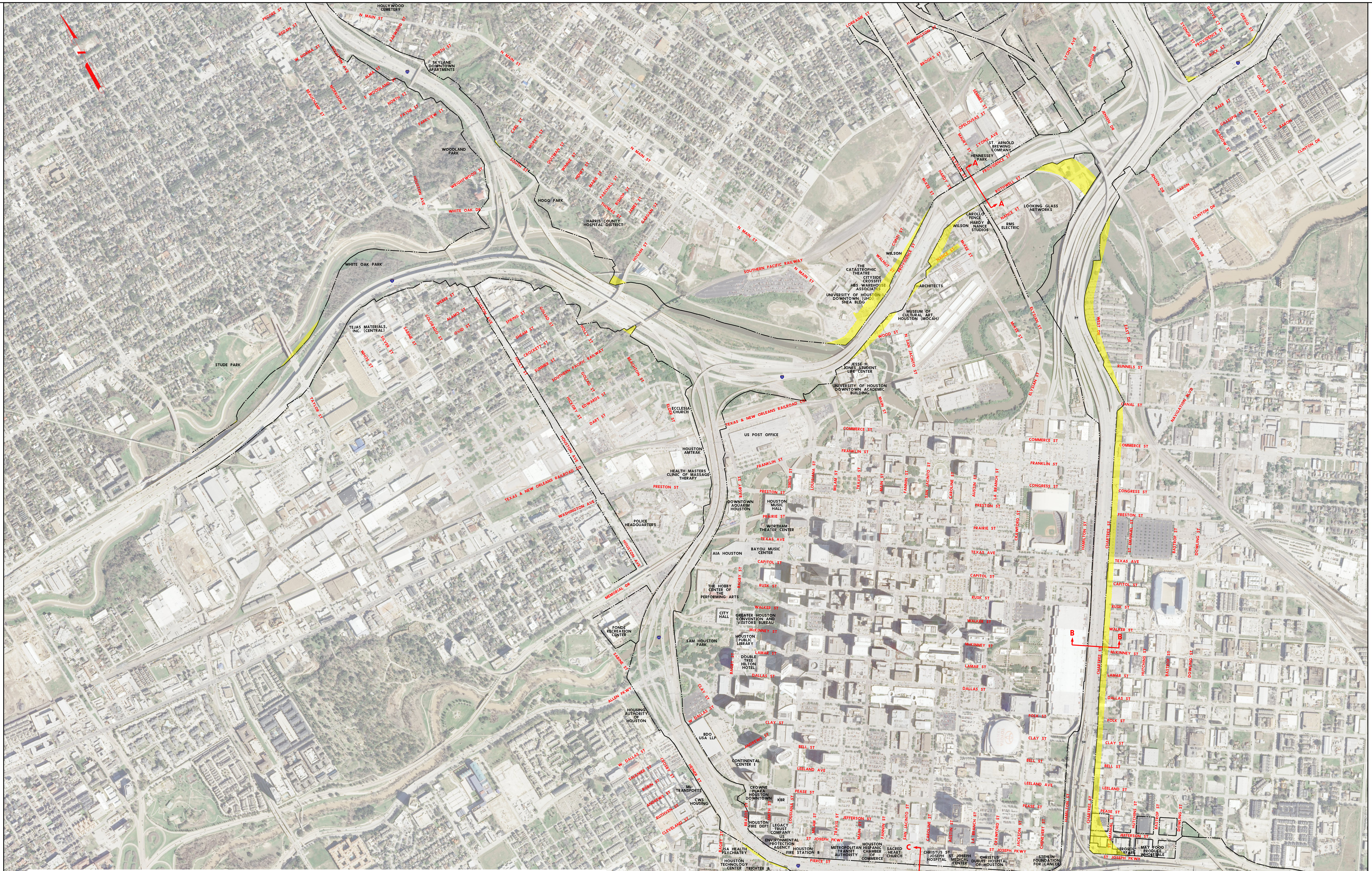
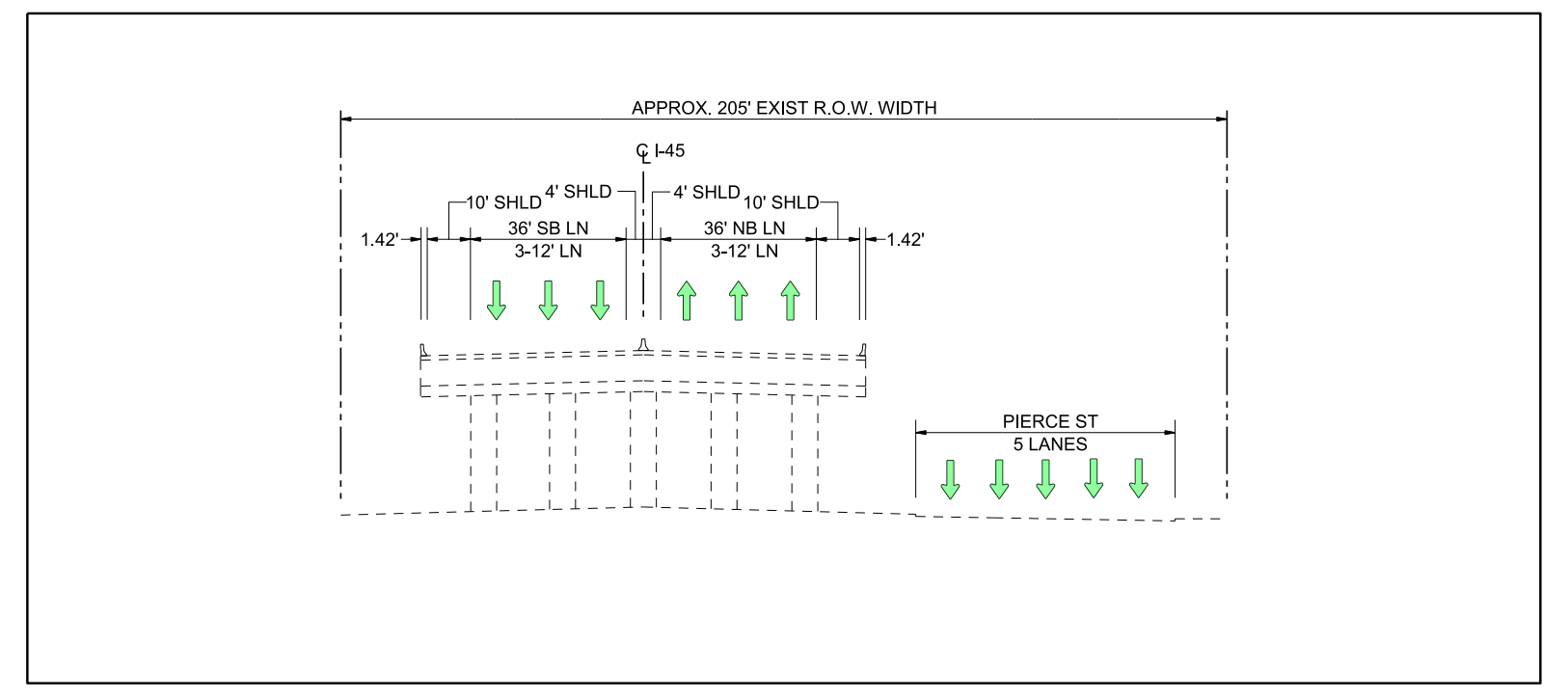


SEGMENT 3 - ALT 11 (DOWNTOWN LOOP)

PRELIMINARY SUBJECT TO CHANGE

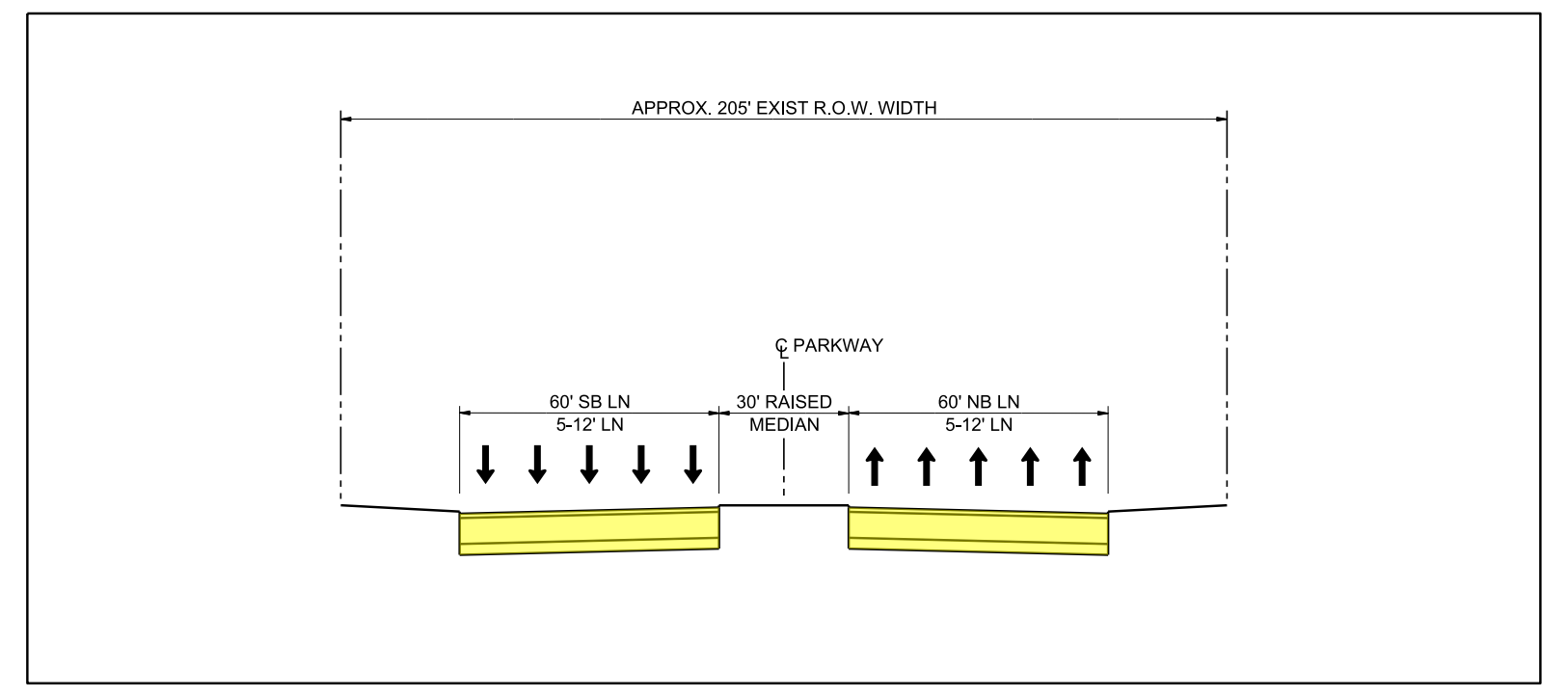
I-45 NORTH - SEGMENT 3 (ALT 11)

PRELIMINARY SUBJECT TO CHANGE



APPROX. 205' EXIST R.O.W. WIDTH
℄ I-45
10' SHLD
4' SHLD
36' SB LN
3-12' LN
4' SHLD
10' SHLD
36' NB LN
3-12' LN
1.42'
1.42'
PIERCE ST
5 LANES

EXISTING I-45 (PIERCE ELEVATED)



APPROX. 205' EXIST R.O.W. WIDTH
℄ PARKWAY
60' SB LN
5-12' LN
30' RAISED MEDIAN
60' NB LN
5-12' LN

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

SCALE: 0 200 400 600 800

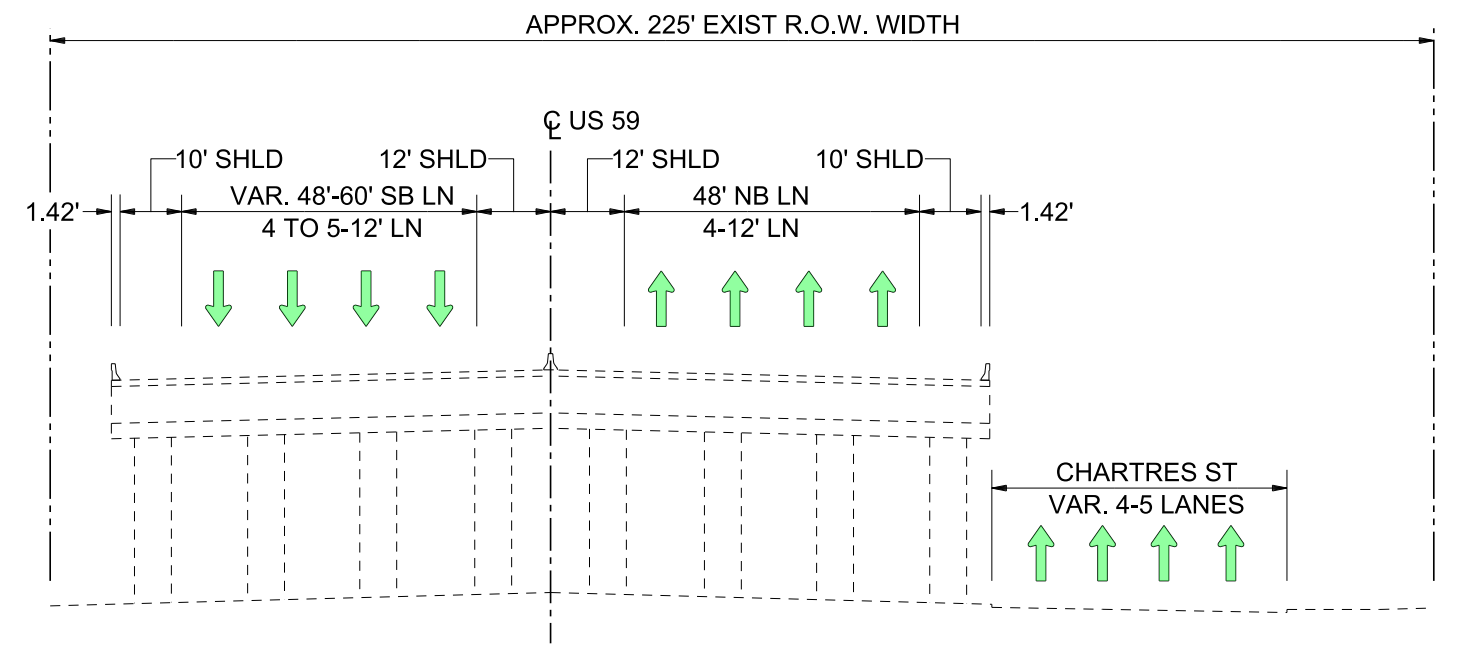
North Houston
Highway
Improvement Project

Texas Department of Transportation

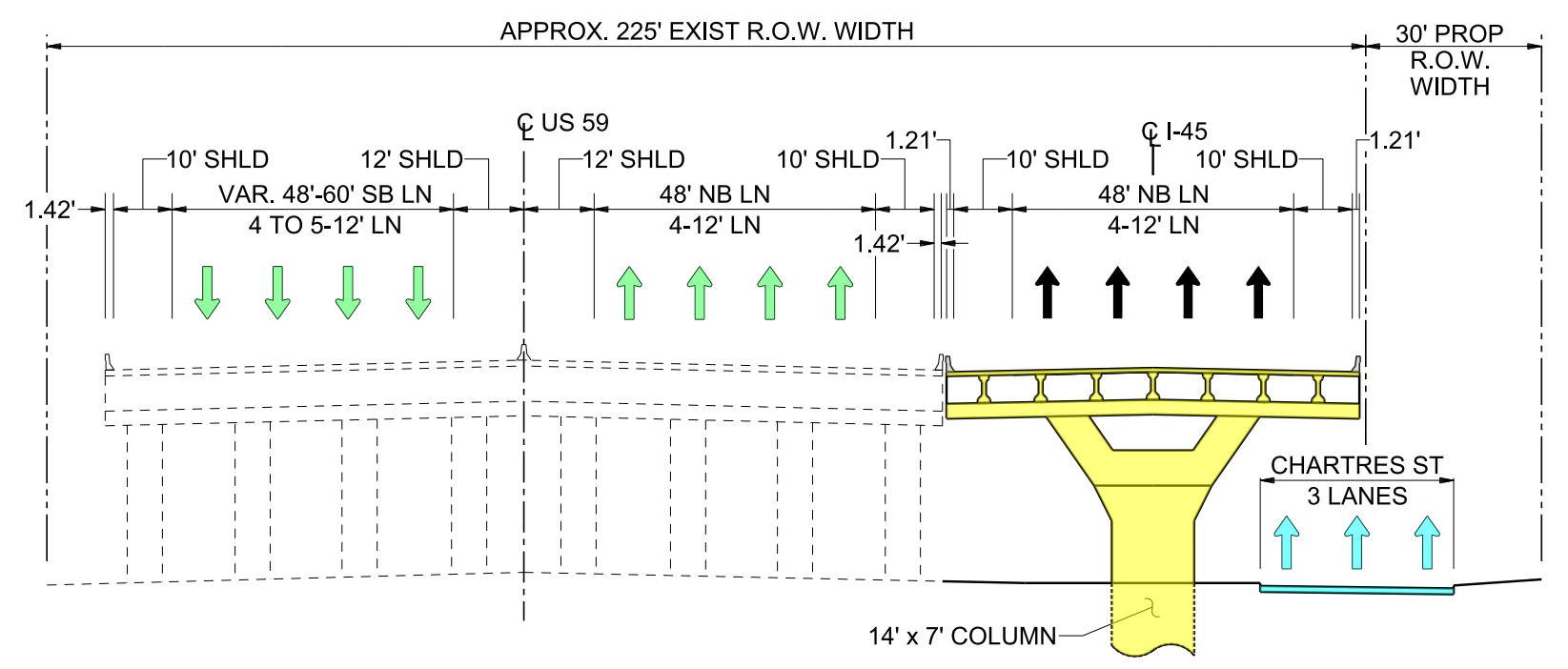
11-NOV-2013

I-45 NORTH - SEGMENT 3 (ALT 12)

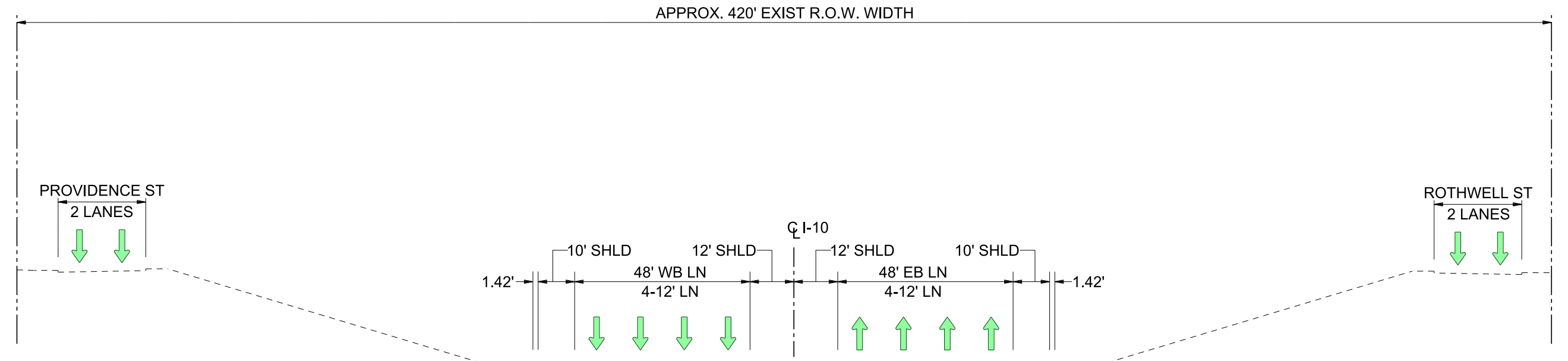
PRELIMINARY SUBJECT TO CHANGE


APPROX. 225' EXIST R.O.W. WIDTH
℄ US 59
10' SHLD
12' SHLD
12' SHLD
10' SHLD
1.42'
VAR. 48'-60' SB LN
4 TO 5-12' LN
48' NB LN
4-12' LN
1.42'
CHARTRES ST
VAR. 4-5 LANES

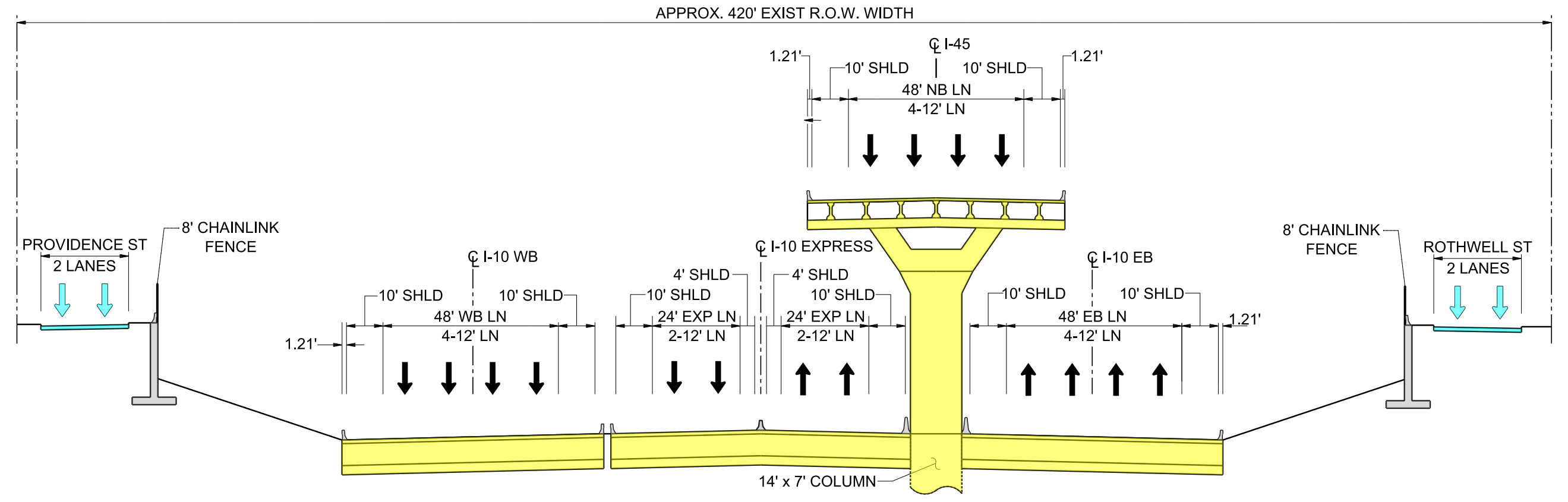
EXISTING US 59


APPROX. 225' EXIST R.O.W. WIDTH
30' PROP R.O.W. WIDTH
℄ US 59
℄ I-45
10' SHLD
12' SHLD
12' SHLD
10' SHLD
1.21'
10' SHLD
10' SHLD
1.21'
1.42'
VAR. 48'-60' SB LN
4 TO 5-12' LN
48' NB LN
4-12' LN
1.42'
48' NB LN
4-12' LN
CHARTRES ST
3 LANES
14' x 7' COLUMN

PROPOSED US 59
SECTION A-A


APPROX. 420' EXIST R.O.W. WIDTH
PROVIDENCE ST
2 LANES
ROTHWELL ST
2 LANES
℄ I-10
10' SHLD
12' SHLD
12' SHLD
10' SHLD
1.42'
48' WB LN
4-12' LN
48' EB LN
4-12' LN
1.42'

EXISTING I-10 (DEPRESSED SECTION)


APPROX. 420' EXIST R.O.W. WIDTH
℄ I-45
1.21'
10' SHLD
10' SHLD
1.21'
48' NB LN
4-12' LN
PROVIDENCE ST
2 LANES
8' CHAINLINK FENCE
℄ I-10 WB
℄ I-10 EXPRESS
℄ I-10 EB
8' CHAINLINK FENCE
ROTHWELL ST
2 LANES
4' SHLD
4' SHLD
10' SHLD
10' SHLD
10' SHLD
10' SHLD
10' SHLD
10' SHLD
1.21'
48' WB LN
4-12' LN
24' EXP LN
2-12' LN
24' EXP LN
2-12' LN
48' EB LN
4-12' LN
1.21'
14' x 7' COLUMN

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

SCALE: 0 200 400 600 800

North Houston
Highway
Improvement Project

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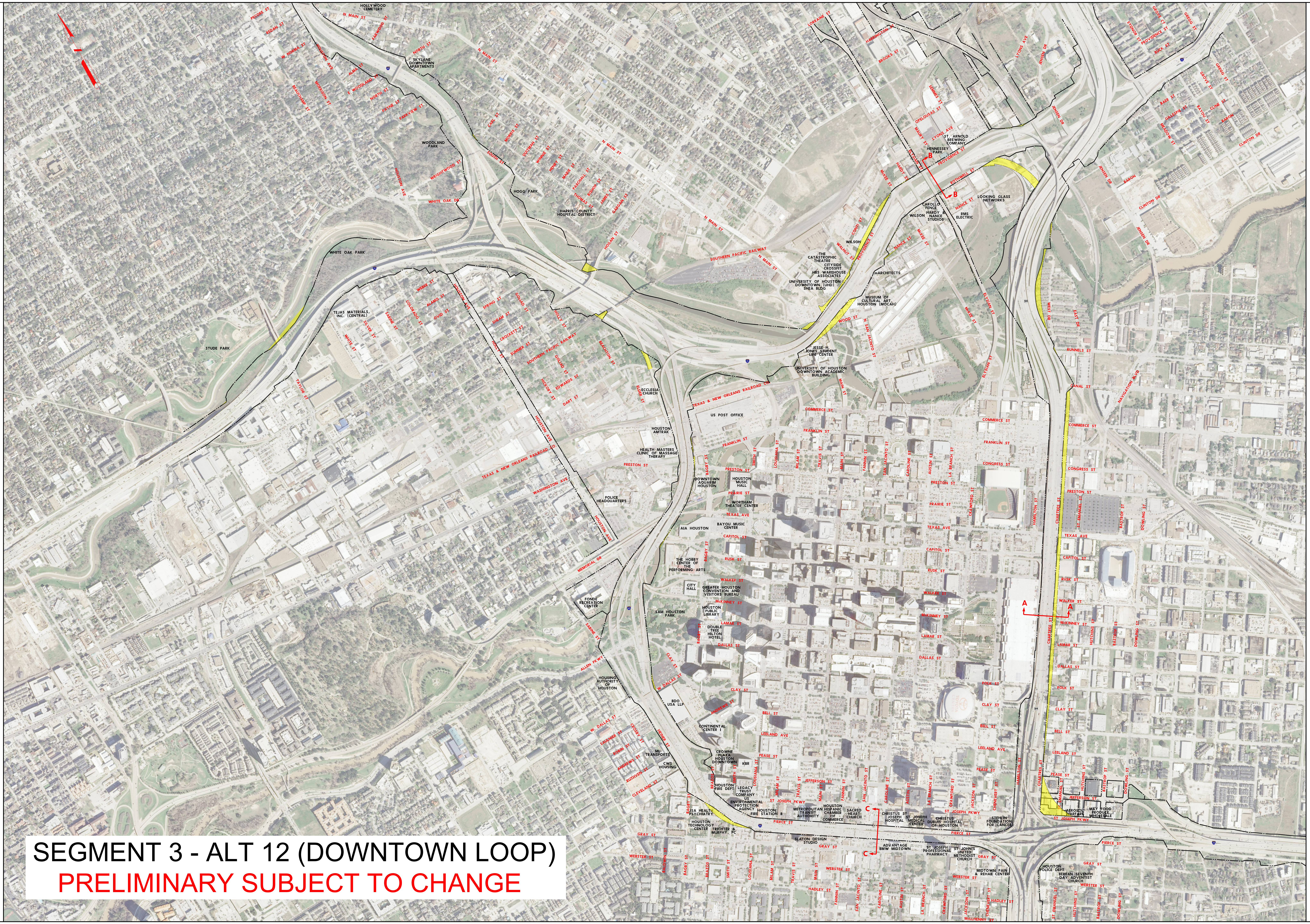
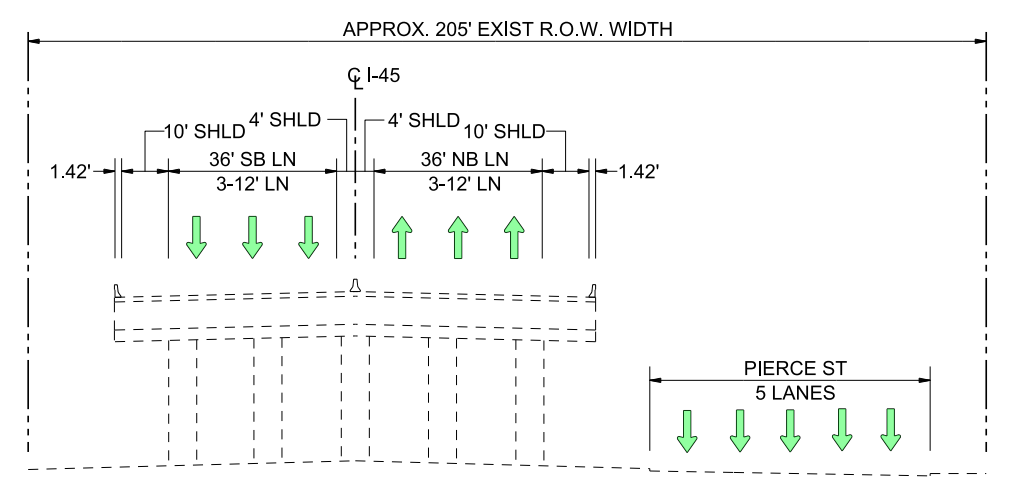


SEGMENT 3 - ALT 12 (DOWNTOWN LOOP)

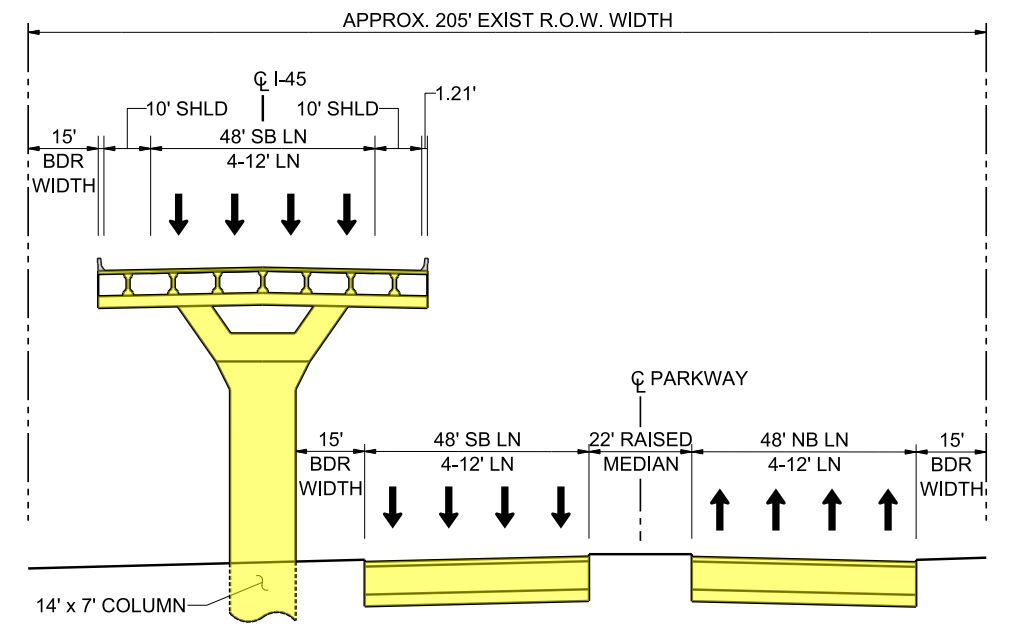
PRELIMINARY SUBJECT TO CHANGE

I-45 NORTH - SEGMENT 3 (ALT 12)

PRELIMINARY SUBJECT TO CHANGE


APPROX. 205' EXIST R.O.W. WIDTH
℄ I-45
10' SHLD
4' SHLD
4' SHLD
10' SHLD
1.42'
36' SB LN
3-12' LN
36' NB LN
3-12' LN
1.42'
PIERCE ST
5 LANES

EXISTING I-45 (PIERCE ELEVATED)


APPROX. 205' EXIST R.O.W. WIDTH
℄ I-45
10' SHLD
10' SHLD
1.21'
15' BDR WIDTH
48' SB LN
4-12' LN
℄ PARKWAY
15' BDR WIDTH
48' SB LN
4-12' LN
22' RAISED MEDIAN
48' NB LN
4-12' LN
15' BDR WIDTH
14' x 7' COLUMN

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

SCALE: 0 200 400 600 800

North Houston
Highway
Improvement Project

Texas Department of Transportation

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