# Texas Department of Transportation

## BOOK 2 – TECHNICAL PROVISIONS

## FOR

## US 181 HARBOR BRIDGE PROJECT

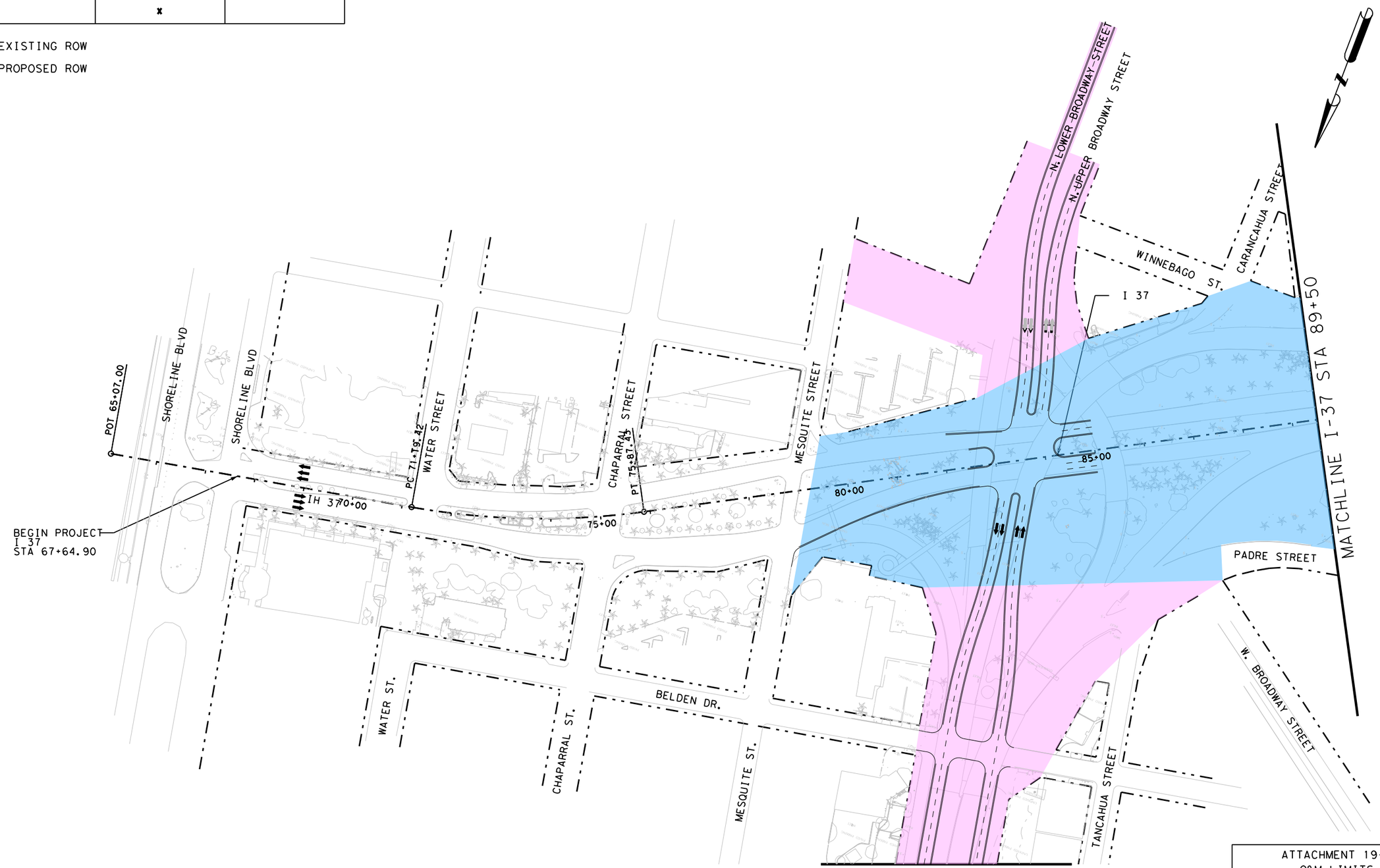
## DESIGN-BUILD PROJECT

## ATTACHMENT 19-4
## OPERATIONS AND MAINTENANCE LIMITS

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




MATCHLINE C-C
SEE SHEET 15 OF 15

ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 1 OF 15

Scale: 1:200
Plotted on: 12/15/2014

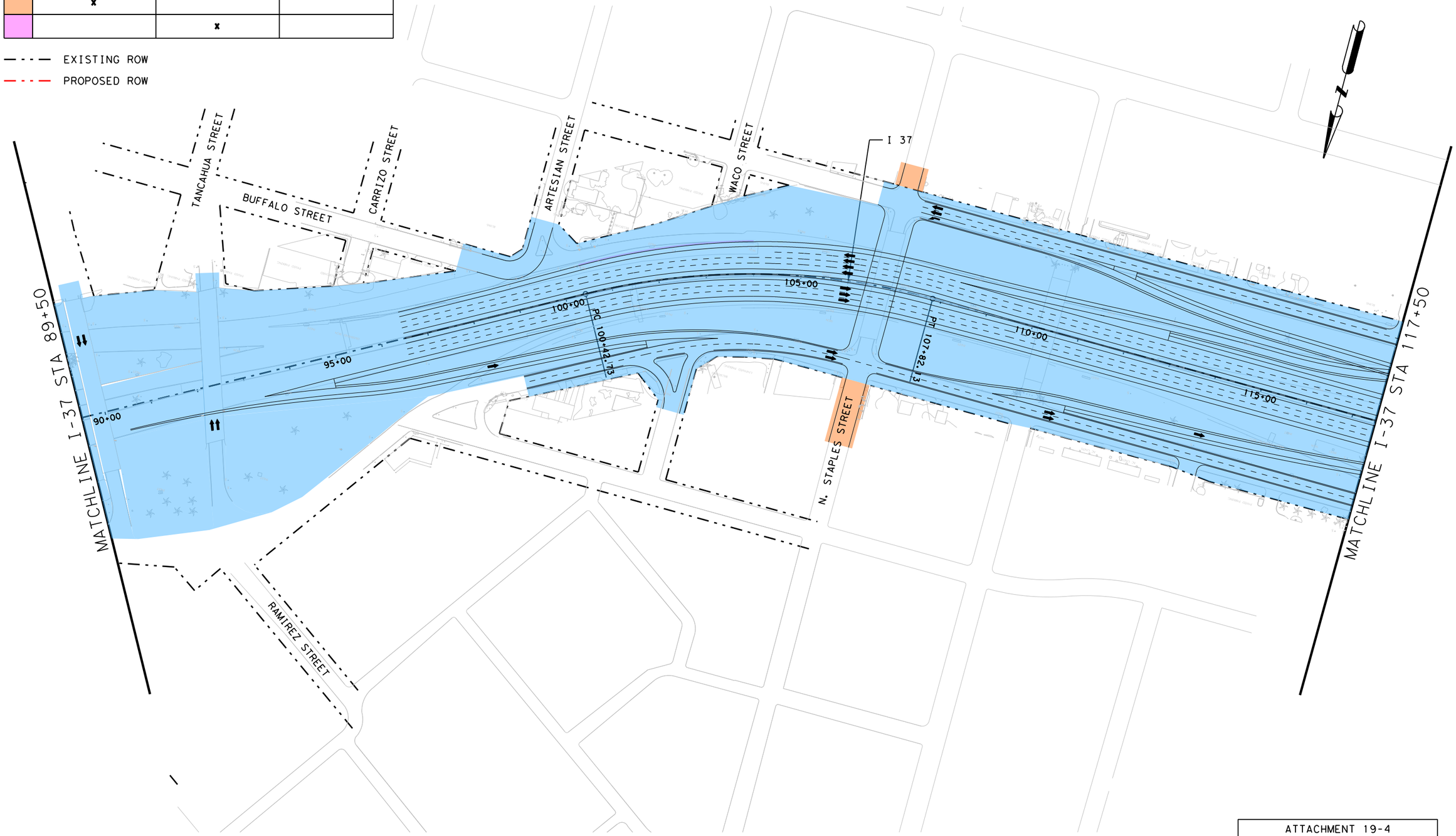
Model Name: PLN031

Pen Table:TexasTwoStep*pentable*co.tbl
Design Filename:US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 2 OF 15

Scale: 1:200
Plotted on: 12/15/2014

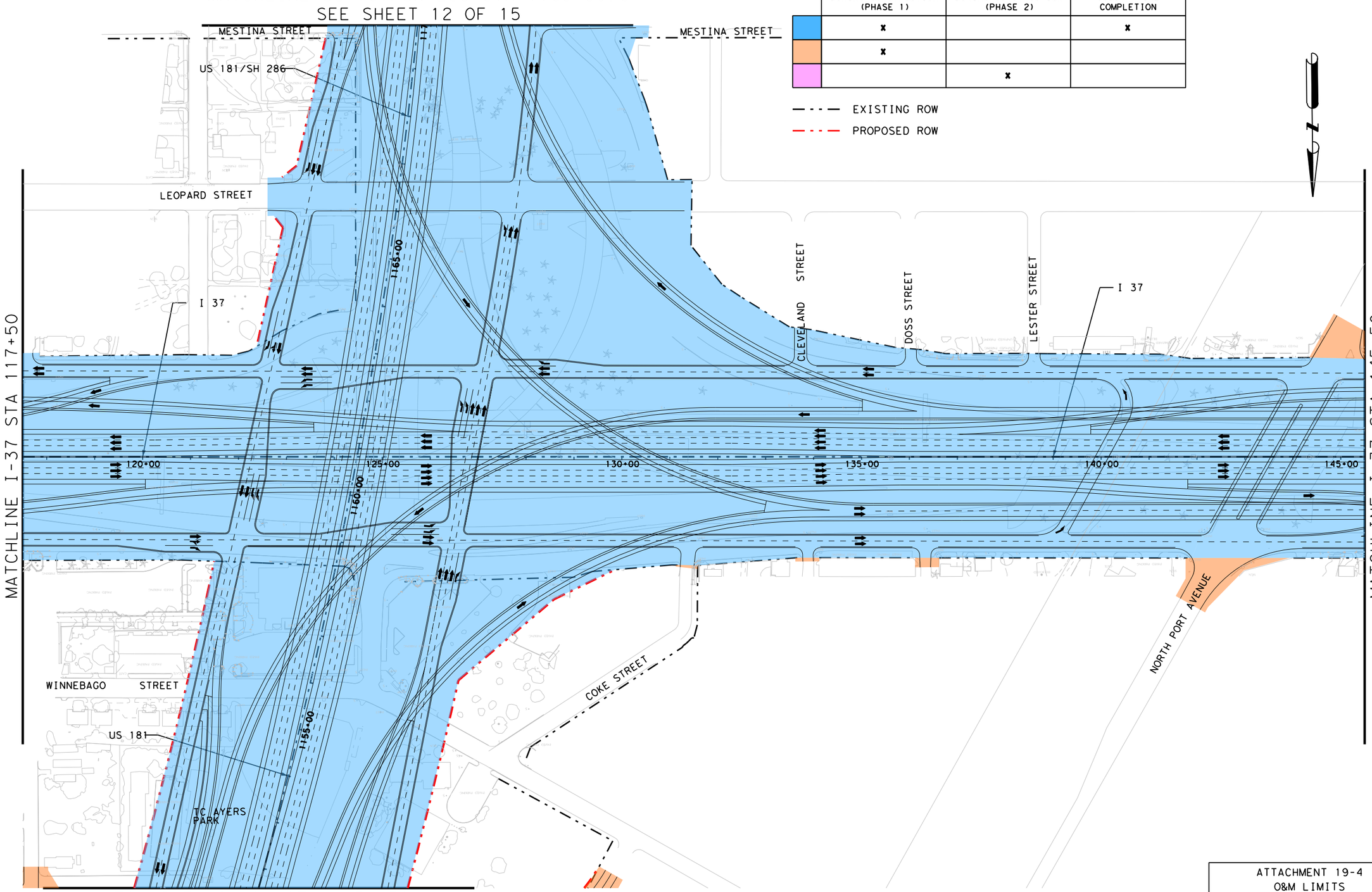
Model Name: PLN032

Pen Table:TexasTwoStep*pentable*co.tbl
Design Filename:US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 3 OF 15

Scale: 1:200
Plotted on: 12/15/2014

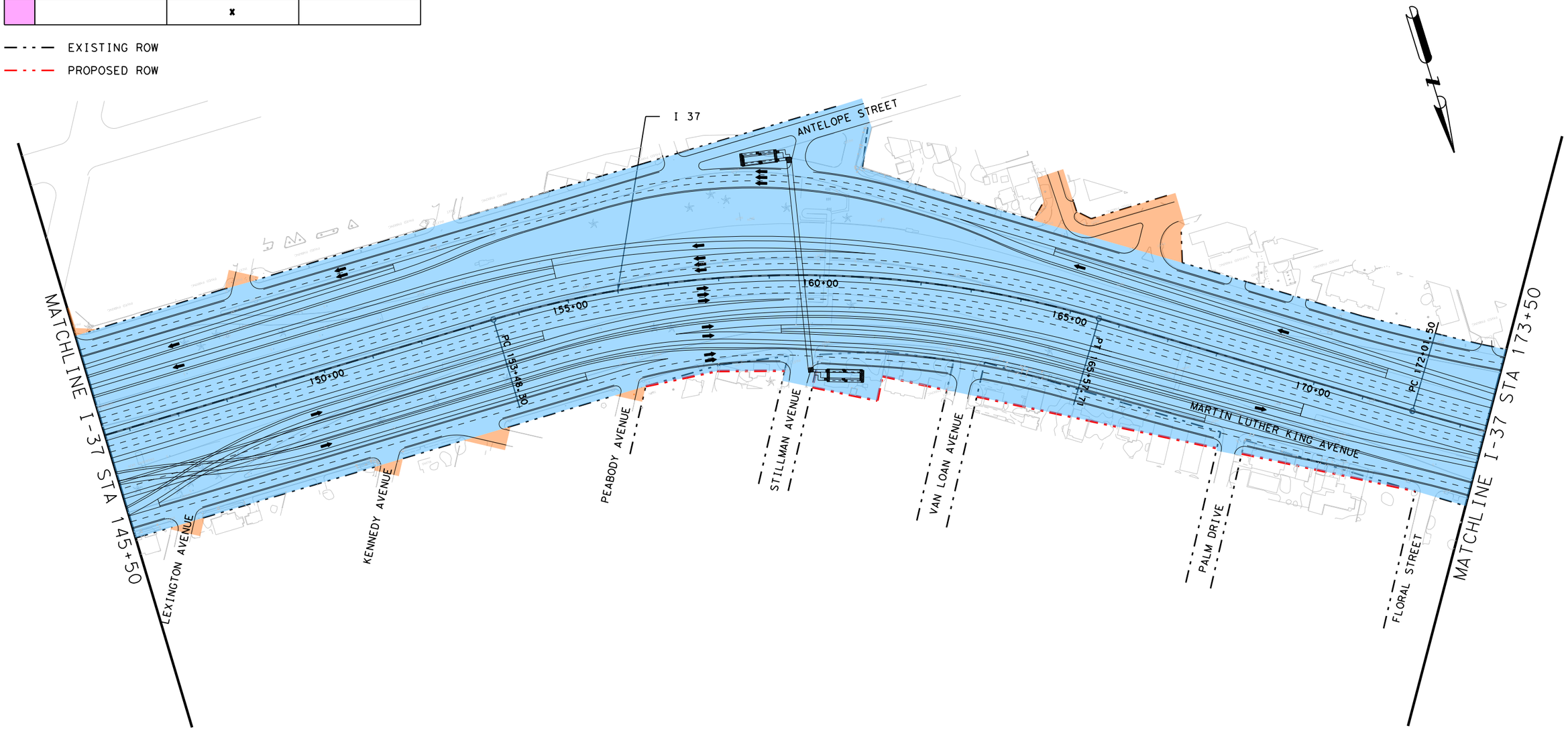
Model Name: PLN033

Pen Table:TexasTwoStepPentable*co.tbl
Design Filename:US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 4 OF 15

Scale: 1:200
Plotted on: 12/15/2014

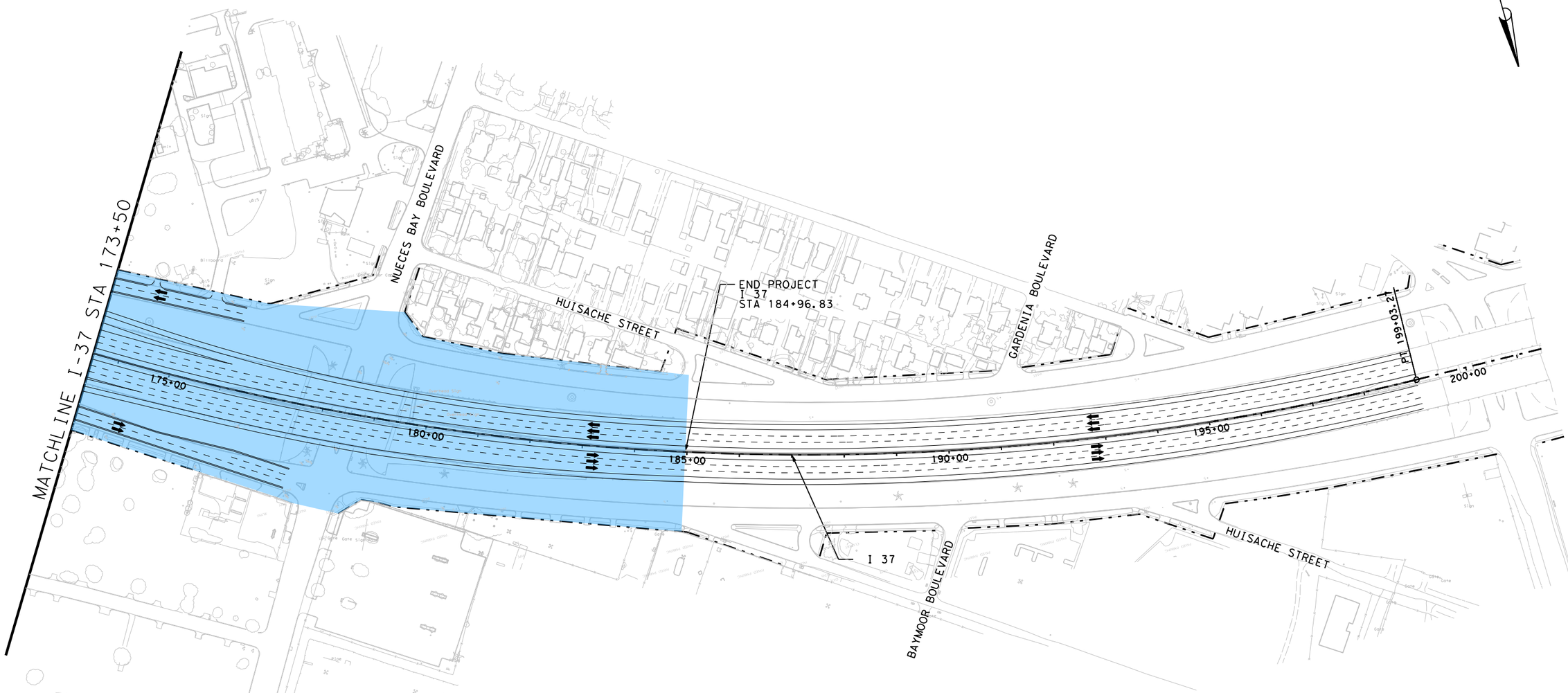
Model Name: PLN034

Pen Table:TexasTwoStepxpentable*co.tbl
Design Filename: US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 5 OF 15

Scale: 1:200
Plotted on: 12/15/2014

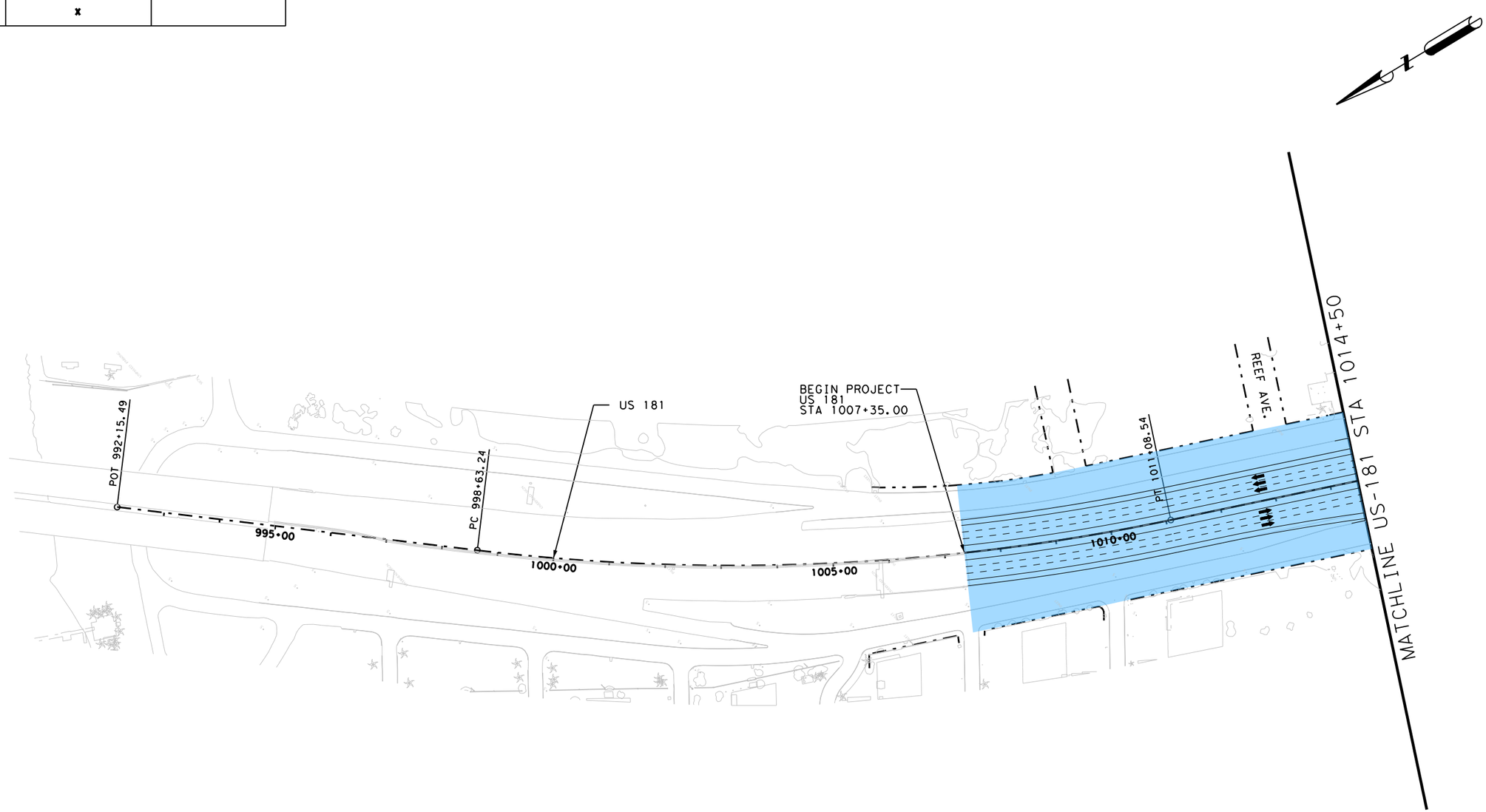
Model Name: PLN035

Pen Table:TexasTwoStepPentable*co.tbl
Design Filename:US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 6 OF 15

Scale: 1:200
Plotted on: 12/15/2014

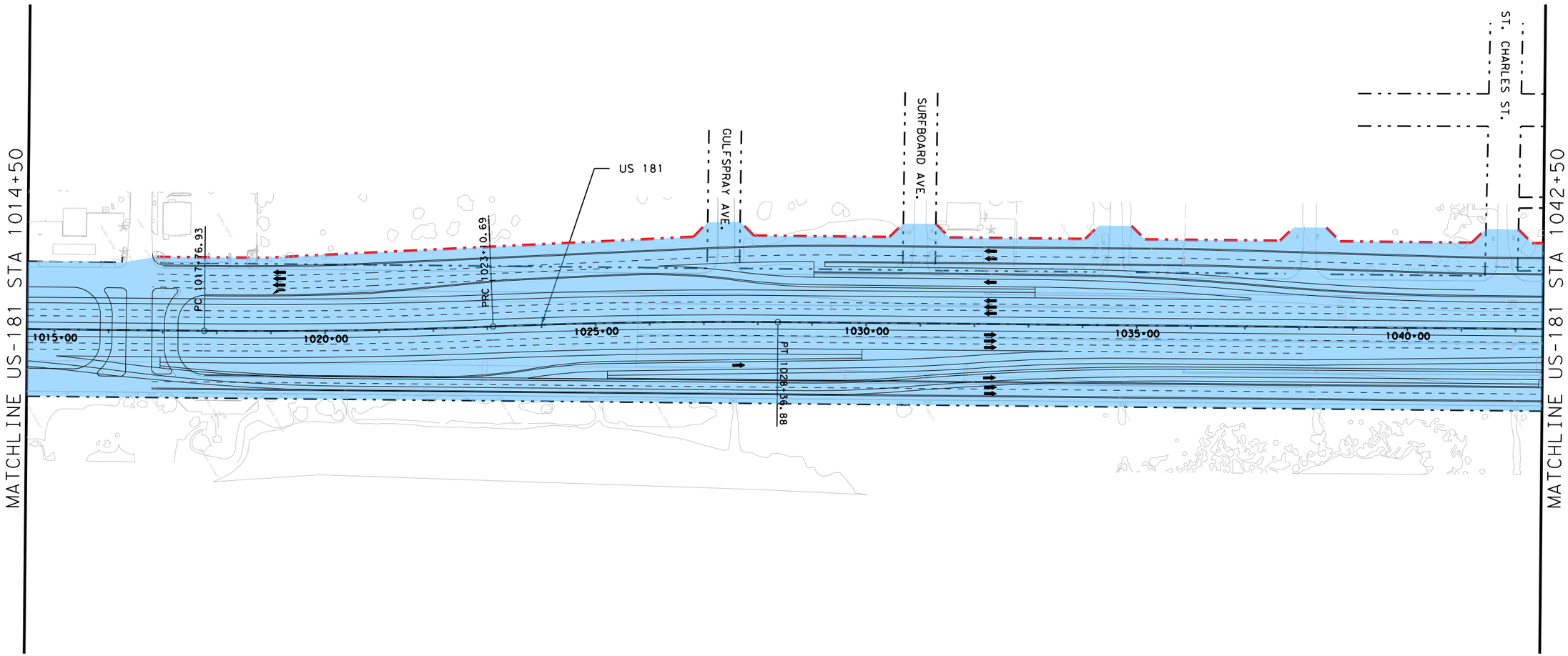
Model Name: PLN036

Pen Table:TexasTwoStep*pentable*co.tbl
Design Filename:US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 7 OF 15

Scale: 1:200
Plotted on: 12/15/2014

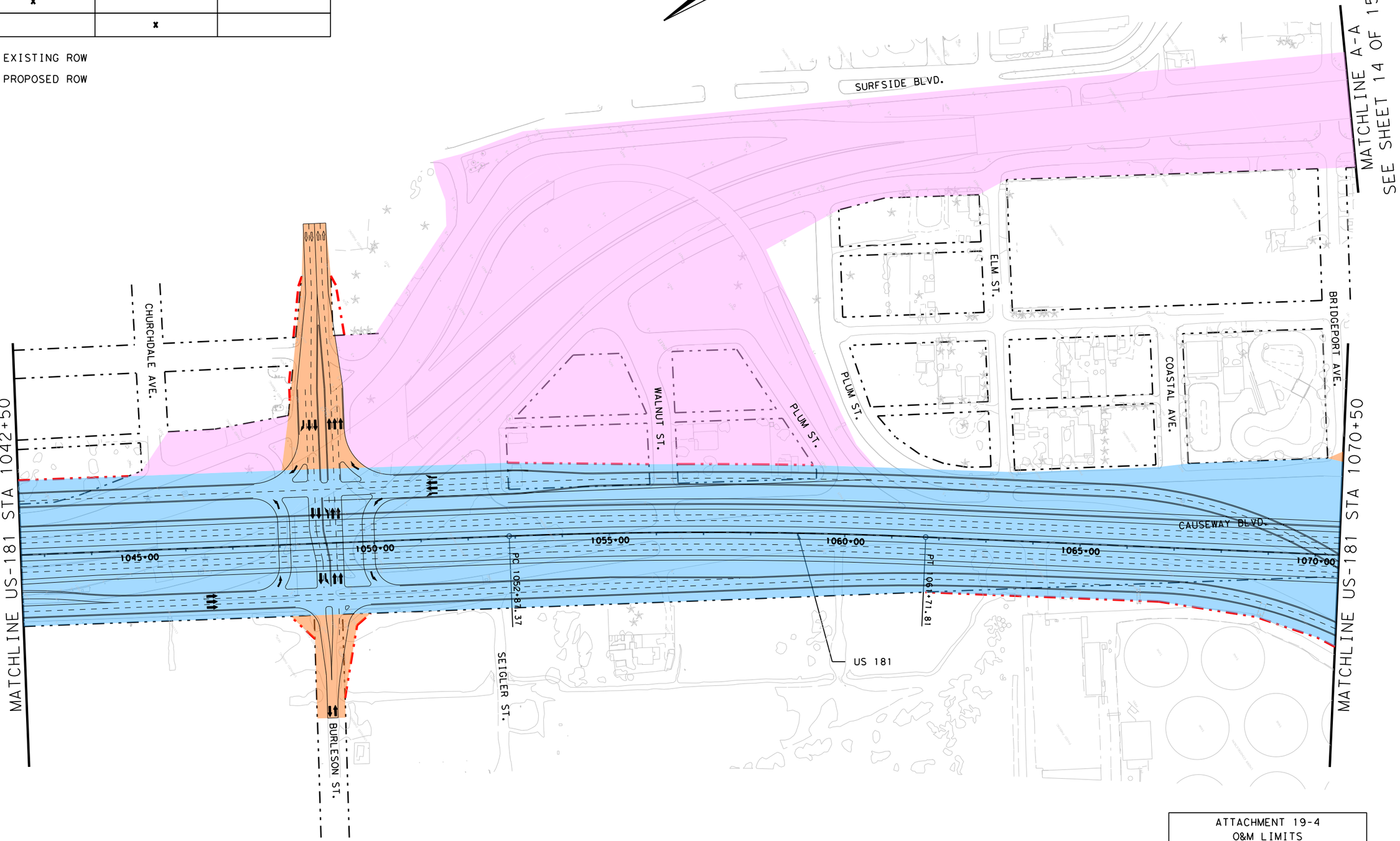
Model Name: PLN037

Pen Table:TexasTwoStep*pentable*co.tbl
Design Filename: US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 8 OF 15

Scale: 1:200
Plotted on: 12/15/2014

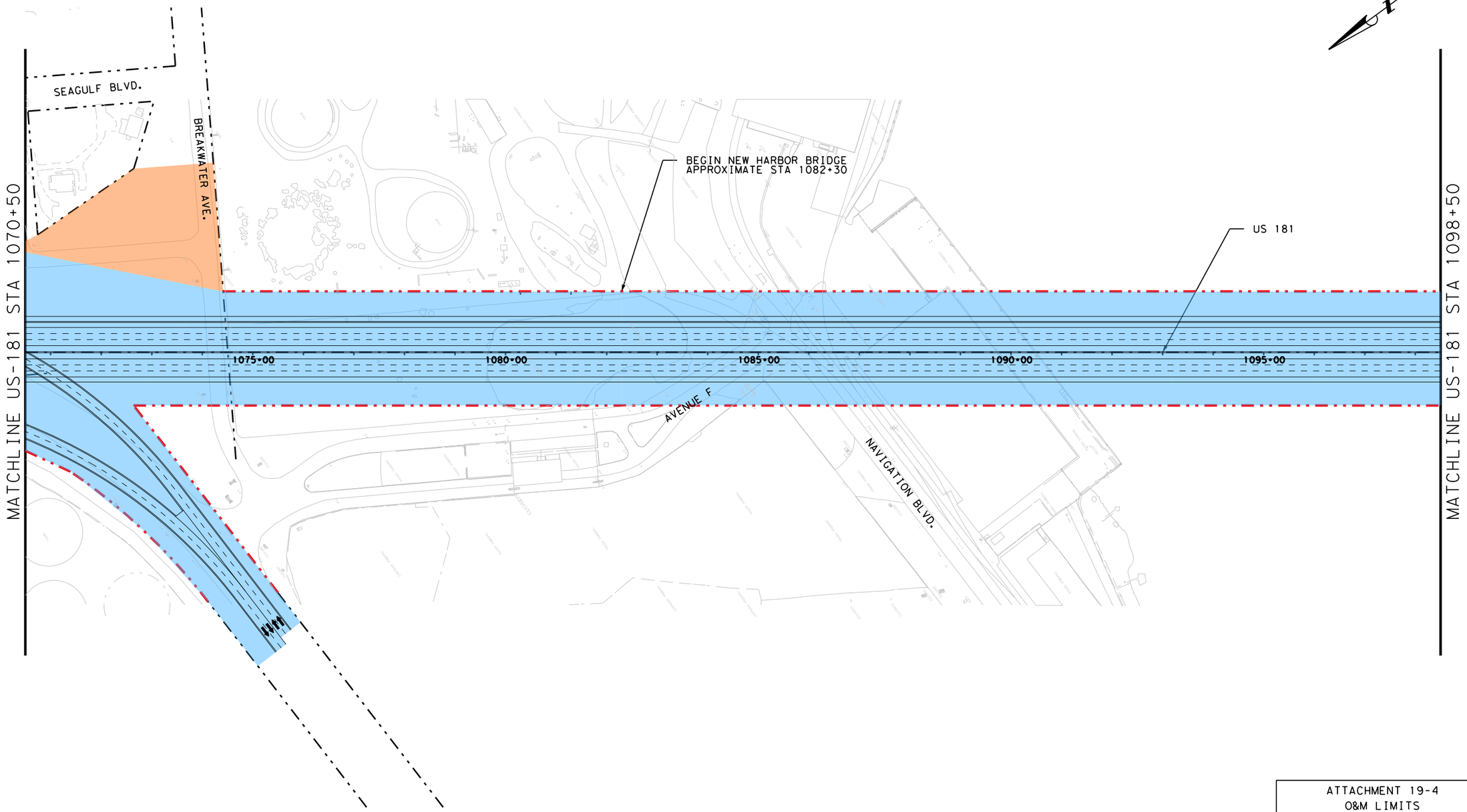
Model Name: PLN038

Pen Table:TexasTwoStepPenTable*co.tbl
Design Filename:US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 9 OF 15

Scale: 1:200
Plotted on: 12/15/2014

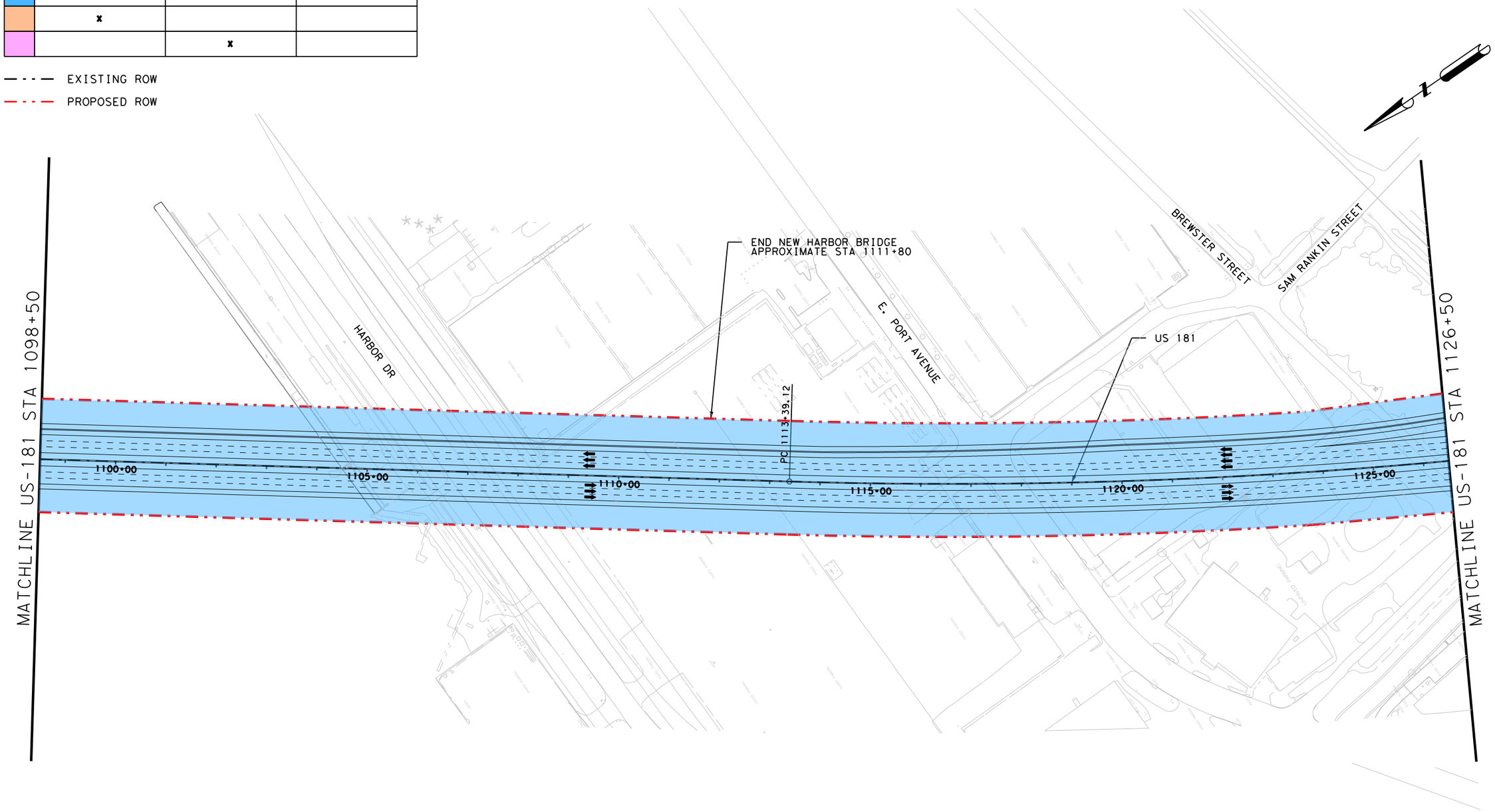
Model Name: PLN039

Pen Table:TexasTwoStep*pentable*co.tbl
Design Filename: US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 10 OF 15

Scale: 1:200
Plotted on: 12/15/2014

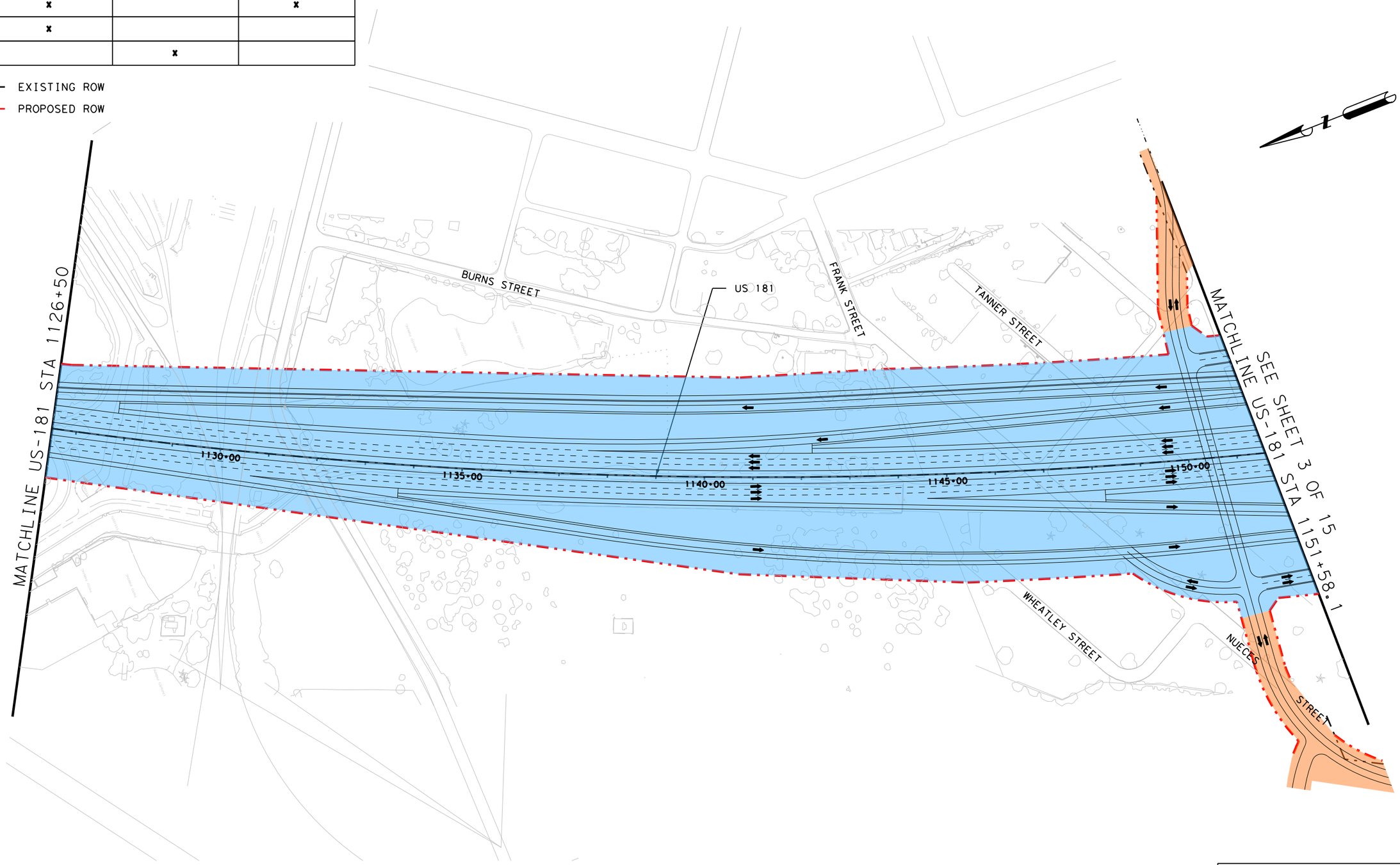
Model Name: PLN040

Pen Table:TexasTwoStep*pentable*co.tbl
Design Filename:US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 11 OF 15

Scale: 1:200
Plotted on: 12/15/2014

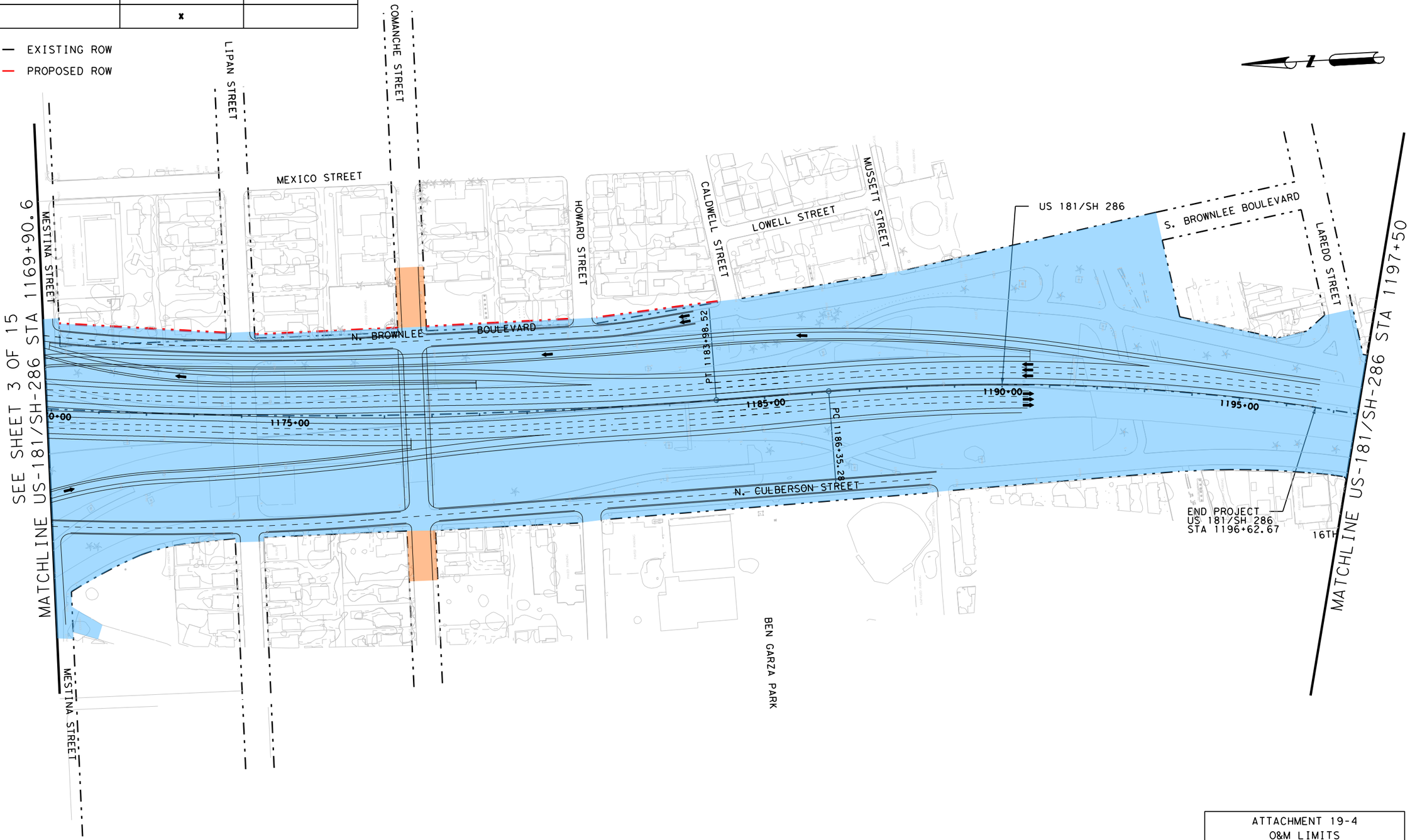
Model Name: PLN041

Pen Table:TexasTwoStep*pentable*co.tbl
Design Filename:US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 12 OF 15

Scale: 1:200
Plotted on: 12/15/2014

Model Name: PLN042

Pen Table: TexasTwoStep*pentable*co.tbl
Design Filename: US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW

ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 13 OF 15

Scale: 1:200
Plotted on: 12/15/2014

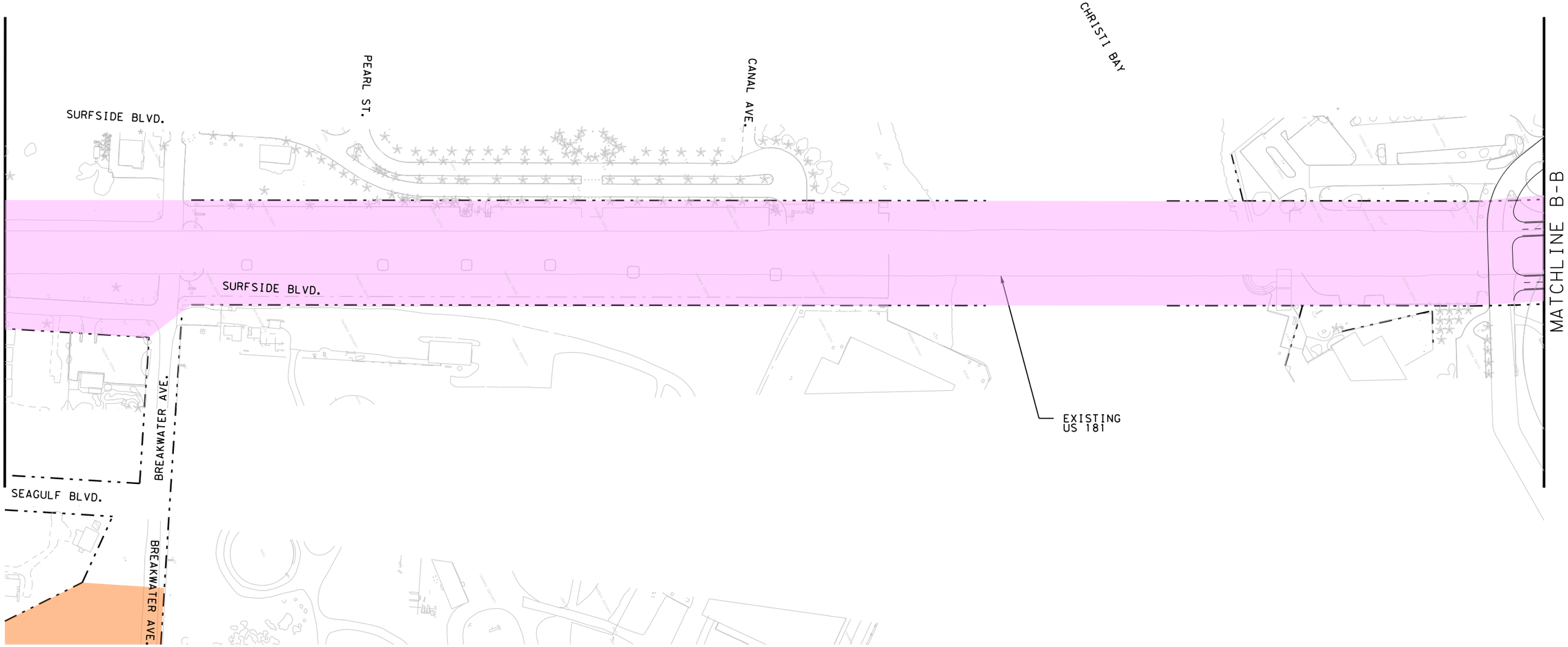
Model Name: PLN043

Pen Table: TexasTwoStep*pentable*co.tbl
Design Filename: US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 14 OF 15

Scale: 1:200
Plotted on: 12/15/2014

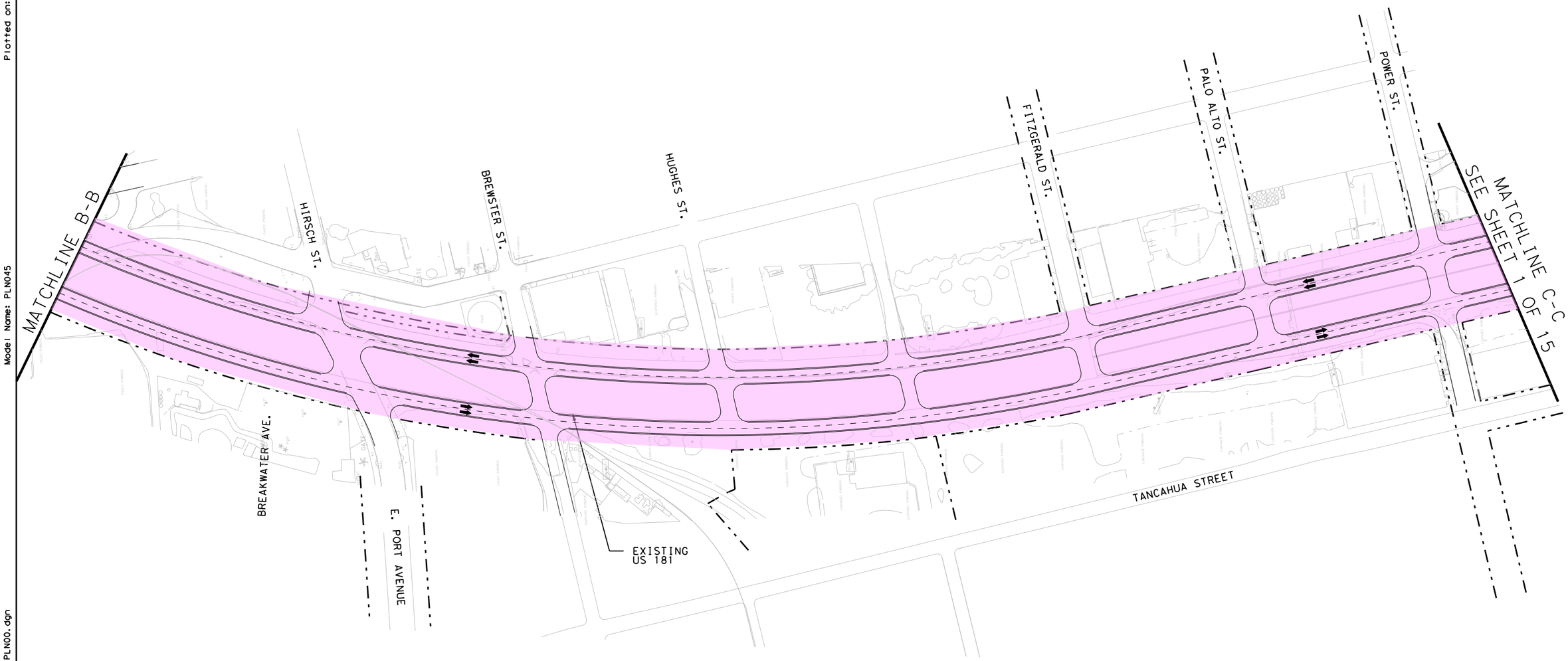
Model Name: PLN044

Pen Table:TexasTwoStep*pentable*co.tbl
Design Filename: US181HB-E-RD-PLN00.dgn

| | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 1) | O&M LIMITS FOR O&M DURING CONSTRUCTION (PHASE 2) | O&M LIMITS AFTER SUBSTANTIAL COMPLETION |
|---|---|---|---|
| | x | | x |
| | x | | |
| | | x | |

EXISTING ROW

PROPOSED ROW




ATTACHMENT 19-4
O&M LIMITS

SCALE: 1" = 200'

SHEET 15 OF 15

Scale: 1:200
Plotted on: 12/15/2014

Model Name: PLN045

Pen Table:TexasTwoStepPenTable*co.tbl
Design Filename:US181HB-E-RD-PLN00.dgn