

# IH 45 NORTH - UNIVERSE OF ALTERNATIVES

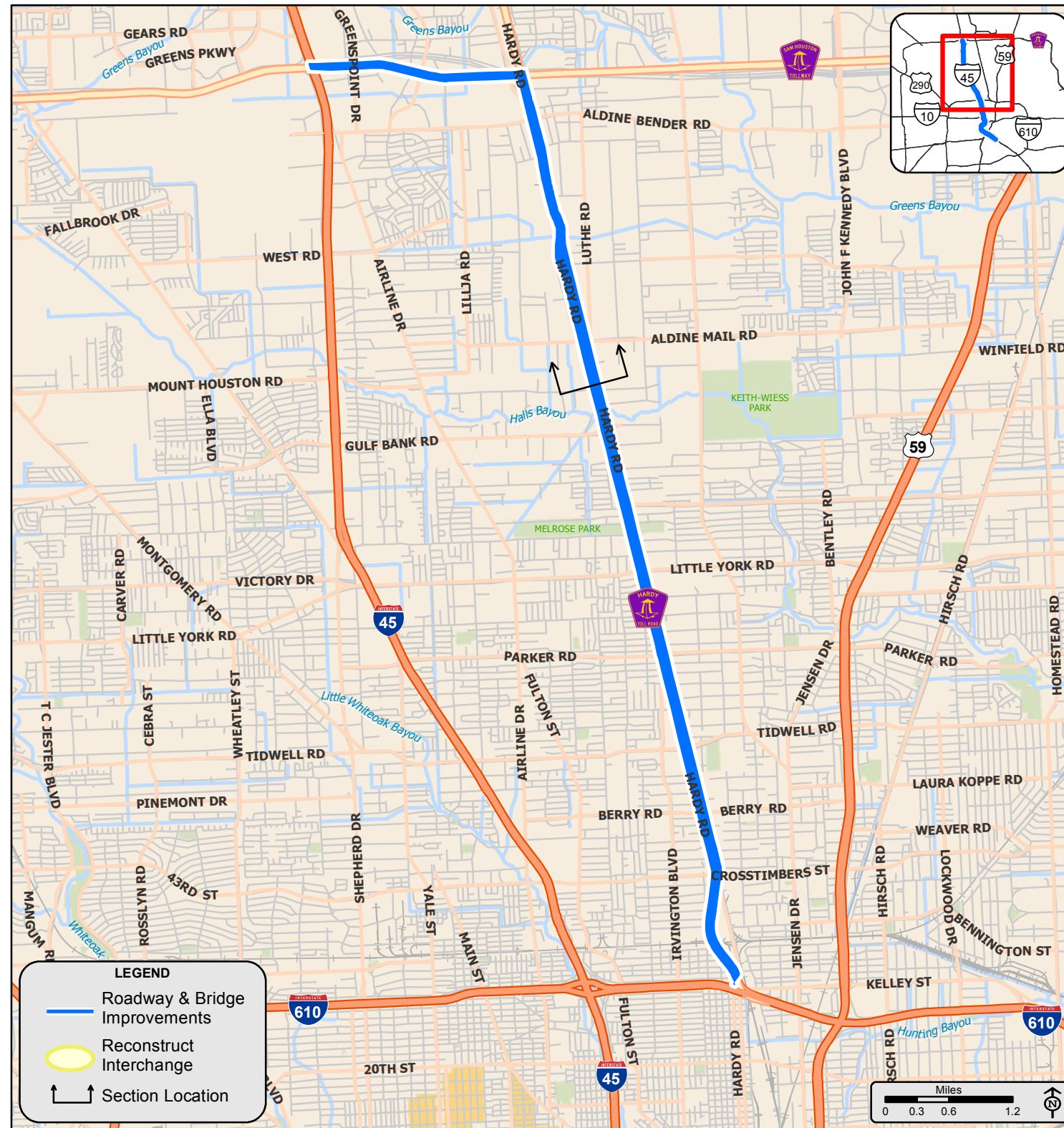
**PRELIMINARY: SUBJECT TO CHANGE**

## SEGMENT 1

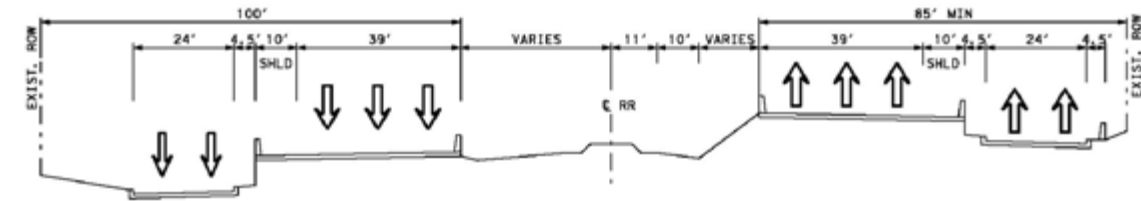
LIMITS: BELTWAY 8 TO IH 610

LENGTH: 9.75 MILES

ESTIMATED COST (CONSTRUCTION & DESIGN):

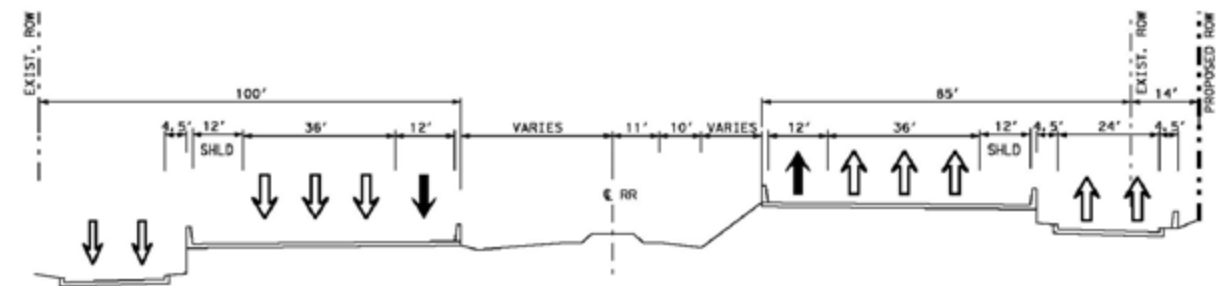


**EXISTING TYPICAL SECTION - HARDY TOLL ROAD**



**SELECTED AS PRELIMINARY ALTERNATIVE**

**PROPOSED TYPICAL SECTION - HARDY TOLL ROAD (ALTERNATIVE 3)**



## IH 45 NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT

HARRIS COUNTY



# IH 45 NORTH - UNIVERSE OF ALTERNATIVES

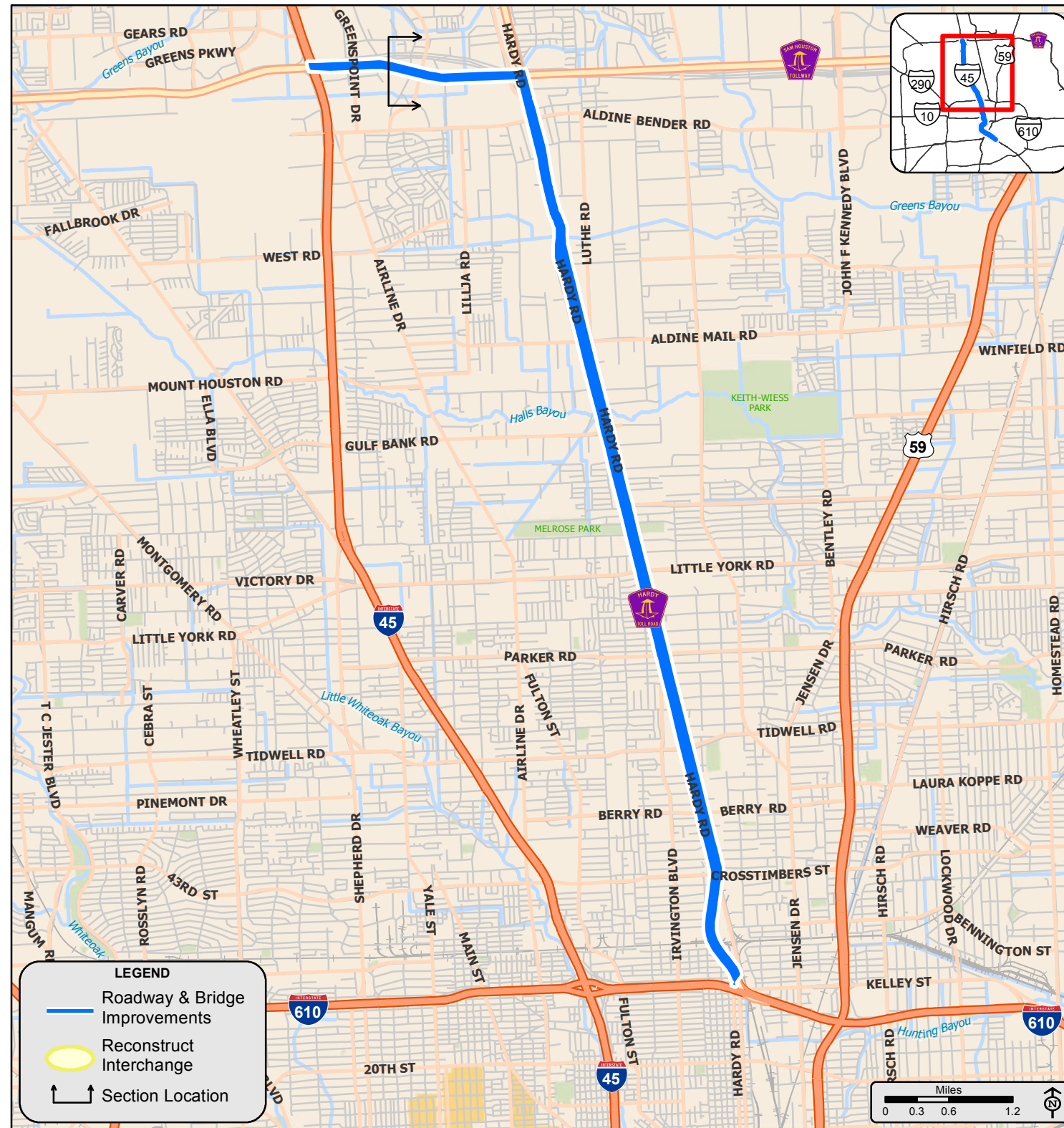
**PRELIMINARY: SUBJECT TO CHANGE**

## SEGMENT 1

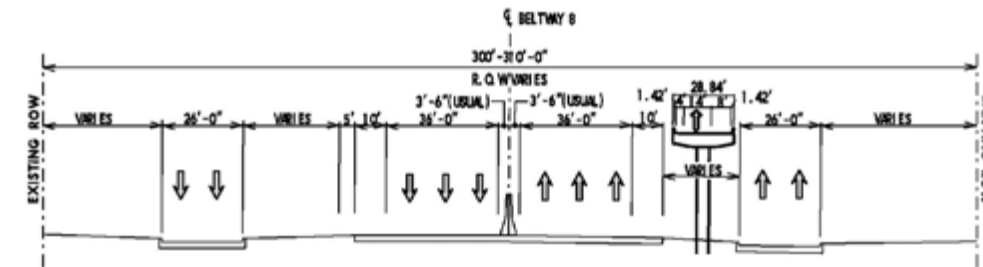
LIMITS: BELTWAY 8 TO IH 610

LENGTH: 9.75 MILES

ESTIMATED COST (CONSTRUCTION & DESIGN):

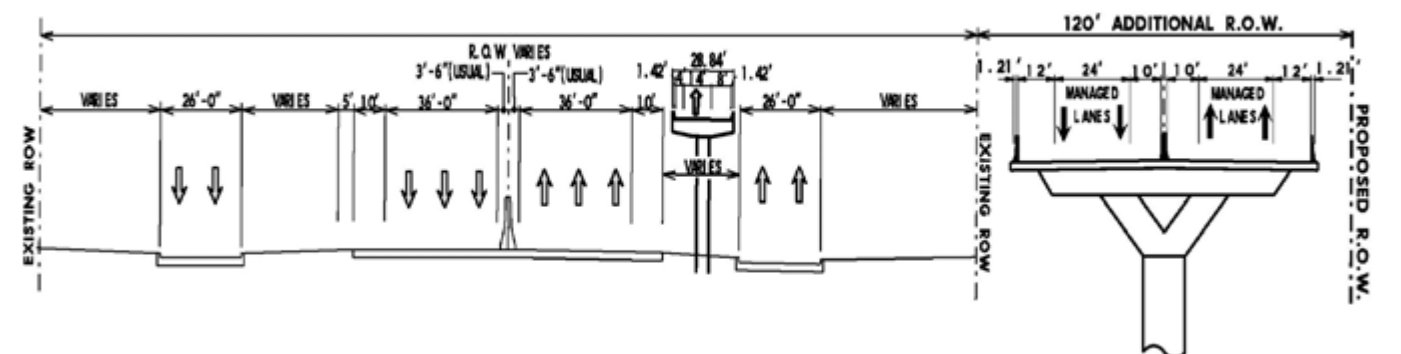


EXISTING TYPICAL SECTION - BELTWAY 8



**SELECTED AS PRELIMINARY ALTERNATIVE**

PROPOSED TYPICAL SECTION - BELTWAY 8 (ALTERNATIVE 3A)



## IH 45 NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT

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# IH 45 NORTH - UNIVERSE OF ALTERNATIVES

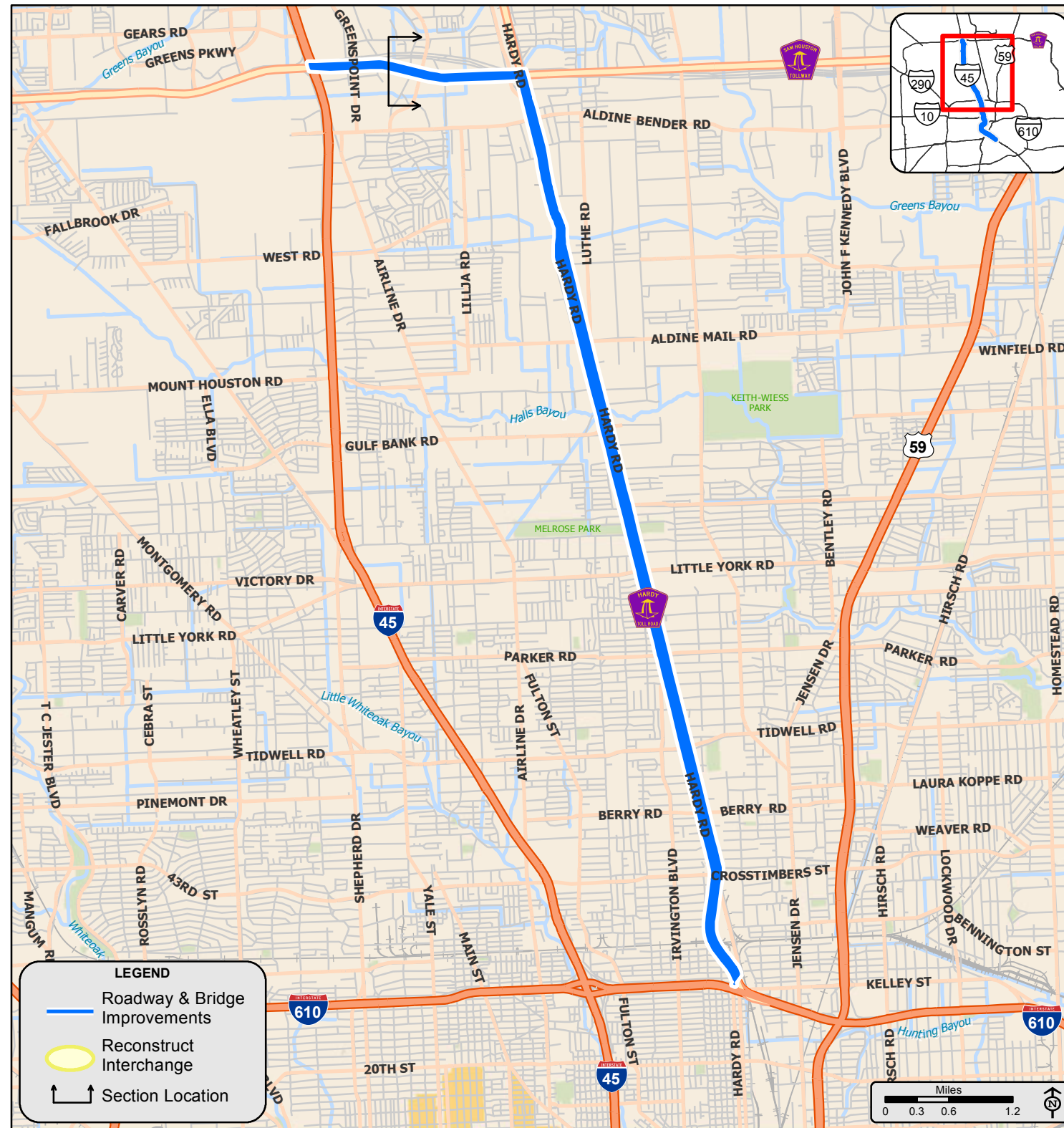
**PRELIMINARY: SUBJECT TO CHANGE**

## SEGMENT 1

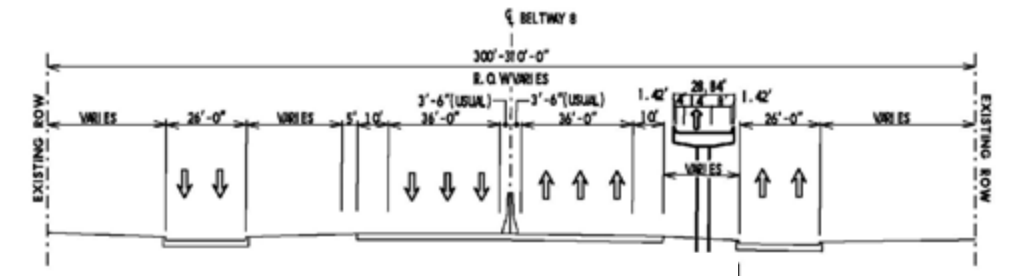
LIMITS: BELTWAY 8 TO IH 610

LENGTH: 9.75 MILES

ESTIMATED COST (CONSTRUCTION & DESIGN):

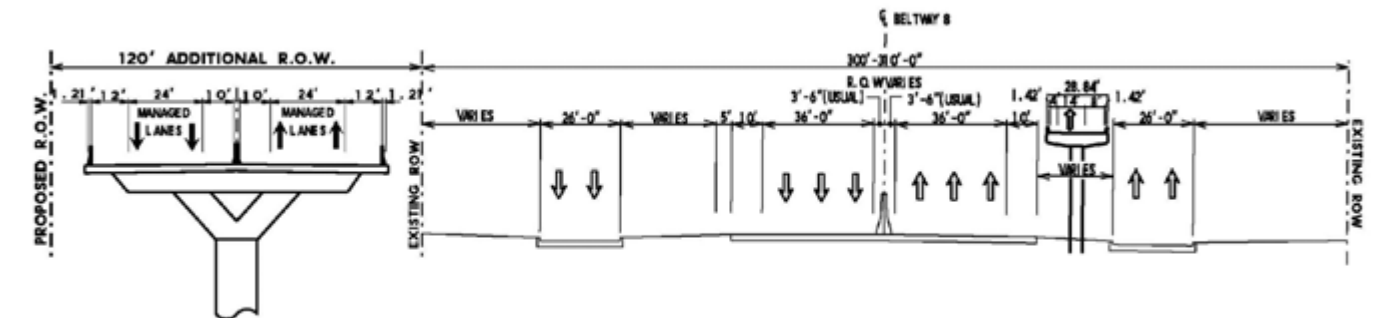


EXISTING TYPICAL SECTION - BELTWAY 8



**SELECTED AS PRELIMINARY ALTERNATIVE**

PROPOSED TYPICAL SECTION - BELTWAY 8 (ALTERNATIVE 3B)



## IH 45 NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT

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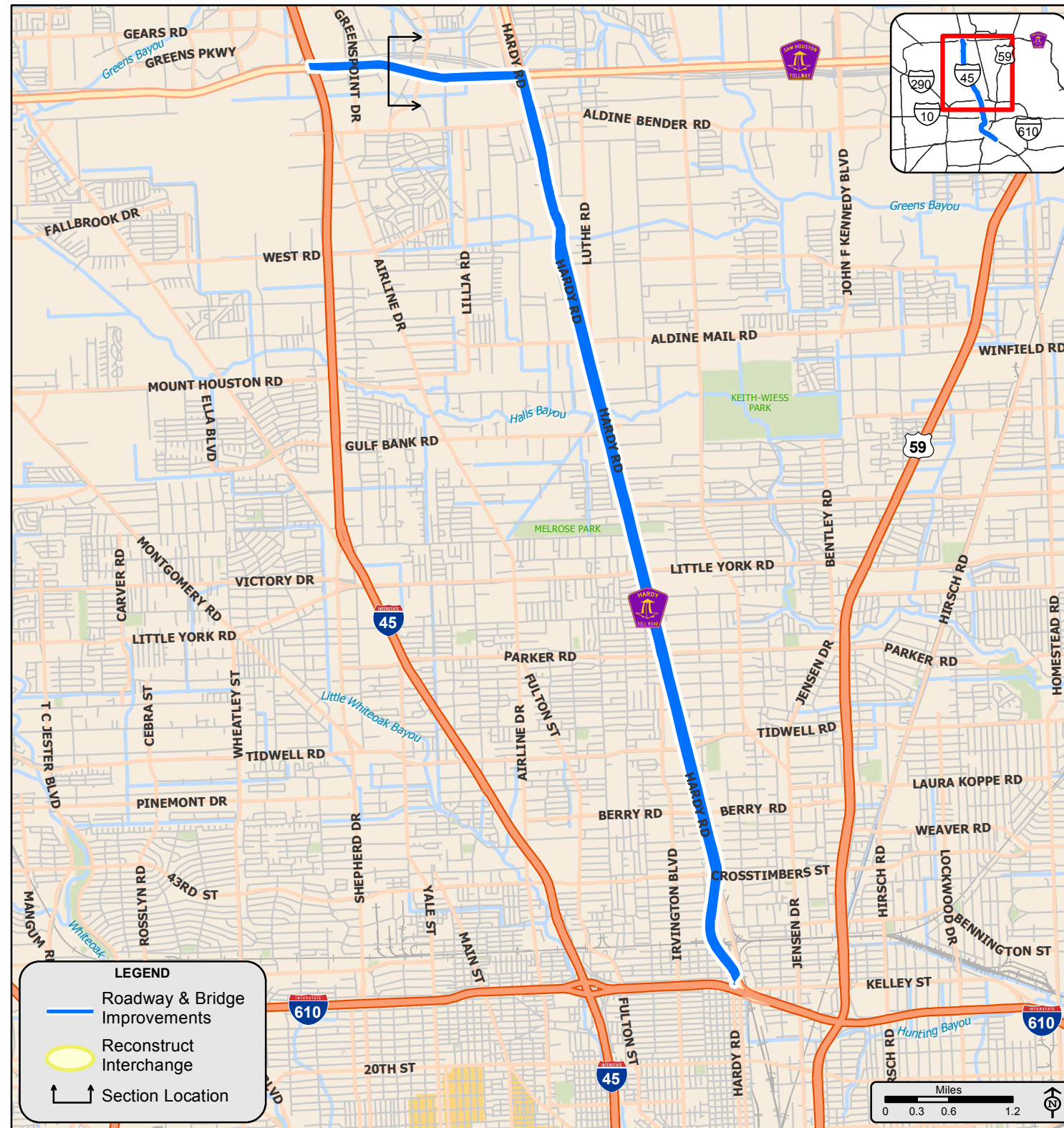
**PRELIMINARY: SUBJECT TO CHANGE**

## SEGMENT 1

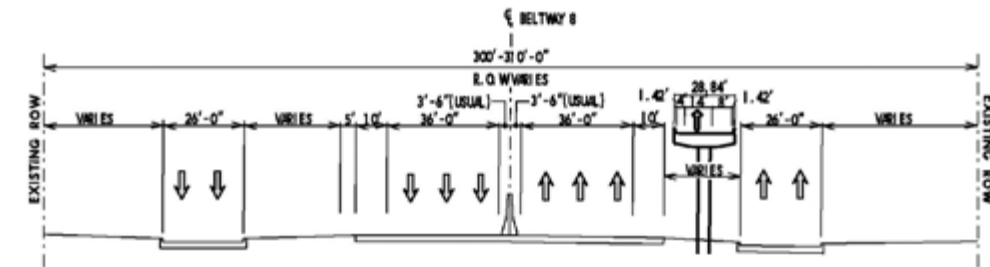
LIMITS: BELTWAY 8 TO IH 610

LENGTH: 9.75 MILES

ESTIMATED COST (CONSTRUCTION & DESIGN):

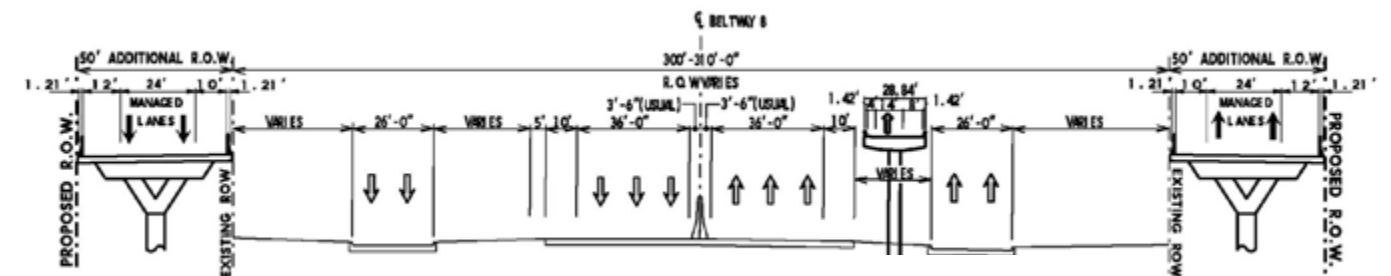


**EXISTING TYPICAL SECTION - BELTWAY 8**



**SELECTED AS PRELIMINARY ALTERNATIVE**

**PROPOSED TYPICAL SECTION - BELTWAY 8 (ALTERNATIVE 3C)**



## IH 45 NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT

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# IH 45 NORTH - UNIVERSE OF ALTERNATIVES

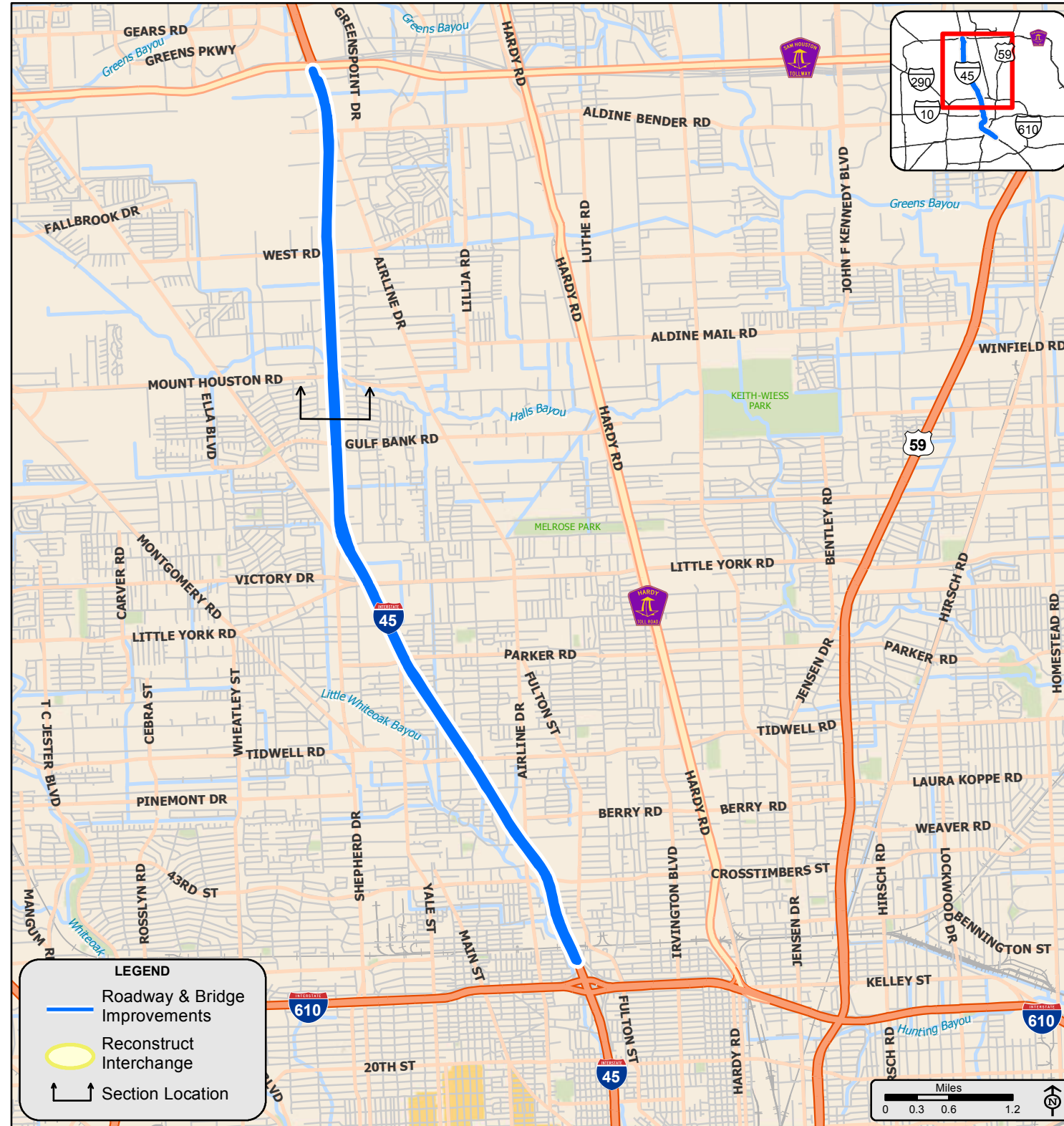
**PRELIMINARY: SUBJECT TO CHANGE**

## SEGMENT 1

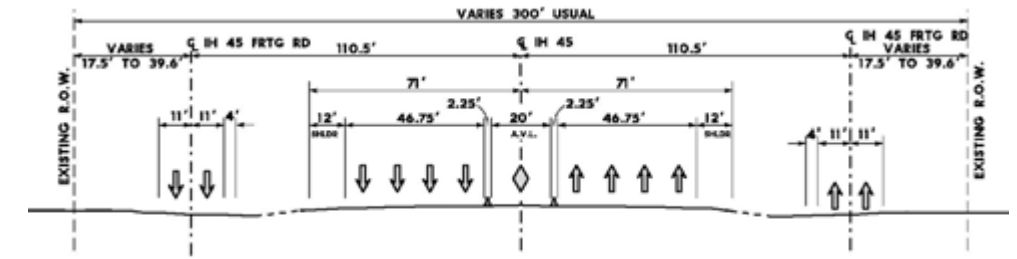
LIMITS: BELTWAY 8 TO IH 610

LENGTH: 9.75 MILES

ESTIMATED COST (CONSTRUCTION & DESIGN):

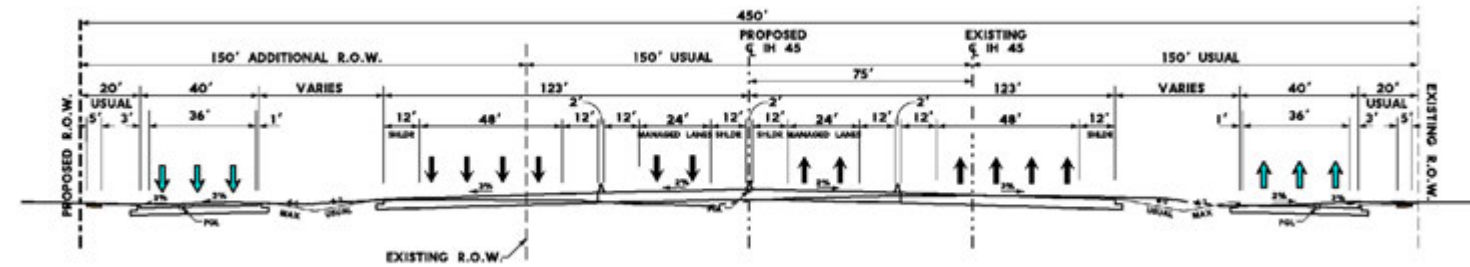


EXISTING TYPICAL SECTION - IH 45



**SELECTED AS PRELIMINARY ALTERNATIVE**

PROPOSED TYPICAL SECTION - IH 45 (ALTERNATIVE 4)



## IH 45 NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT

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# IH 45 NORTH - UNIVERSE OF ALTERNATIVES

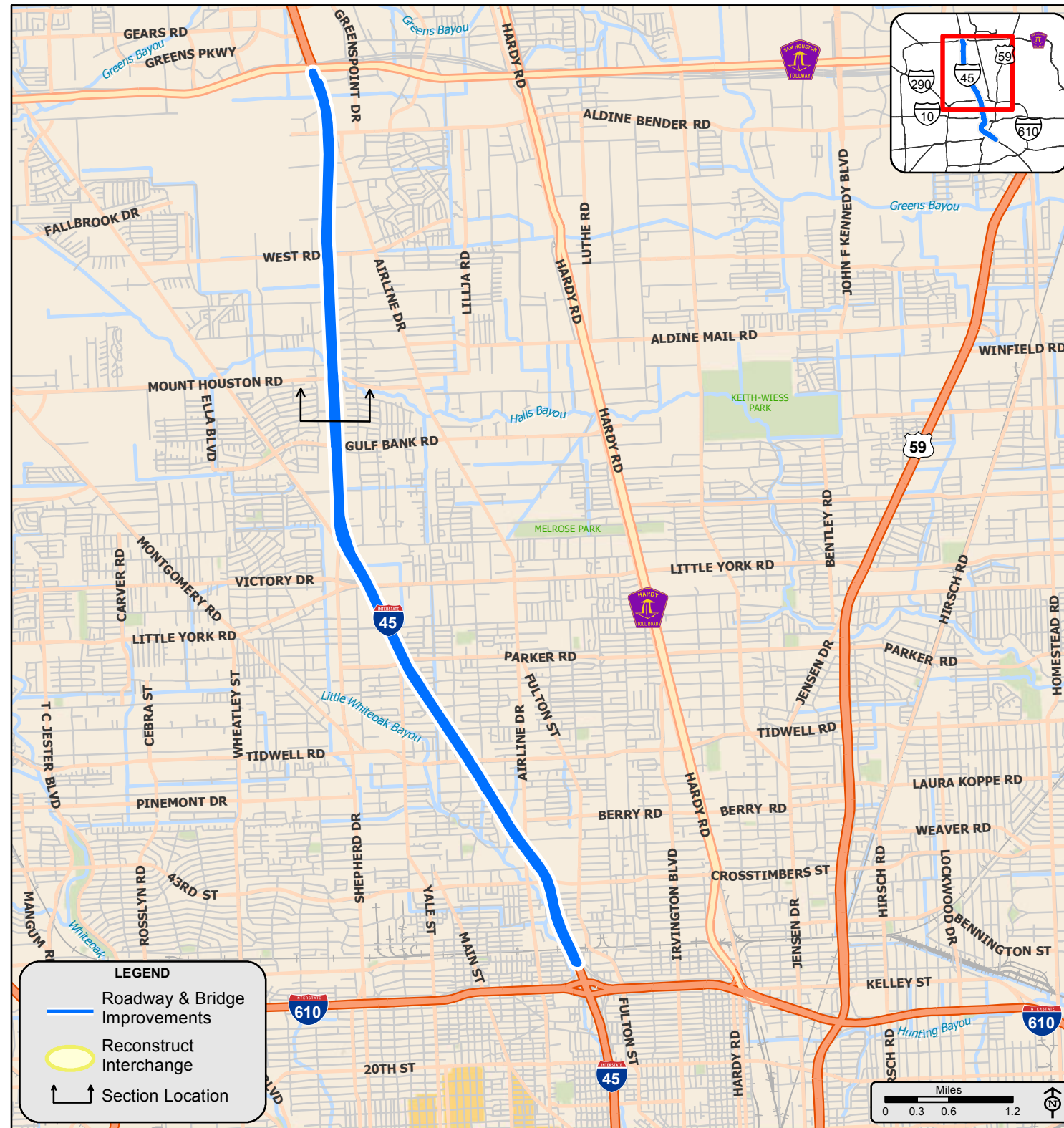
**PRELIMINARY: SUBJECT TO CHANGE**

## SEGMENT 1

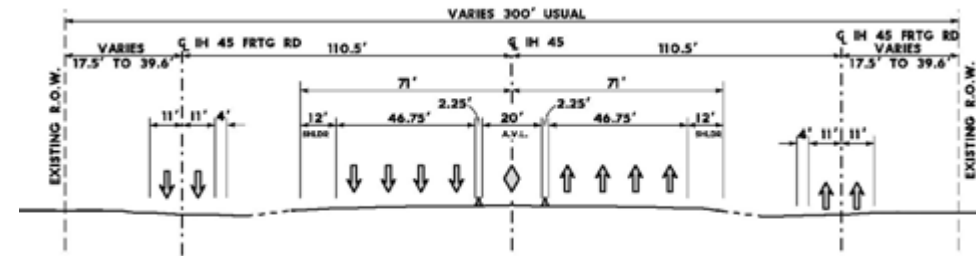
LIMITS: BELTWAY 8 TO IH 610

LENGTH: 9.75 MILES

ESTIMATED COST (CONSTRUCTION & DESIGN):

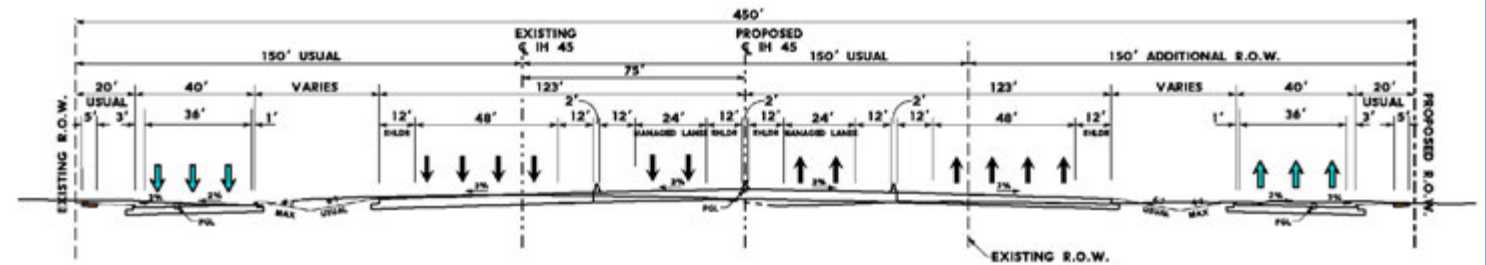


EXISTING TYPICAL SECTION - IH 45



**SELECTED AS PRELIMINARY ALTERNATIVE**

PROPOSED TYPICAL SECTION - IH 45 (ALTERNATIVE 5)



## IH 45 NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT

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# IH 45 NORTH - UNIVERSE OF ALTERNATIVES

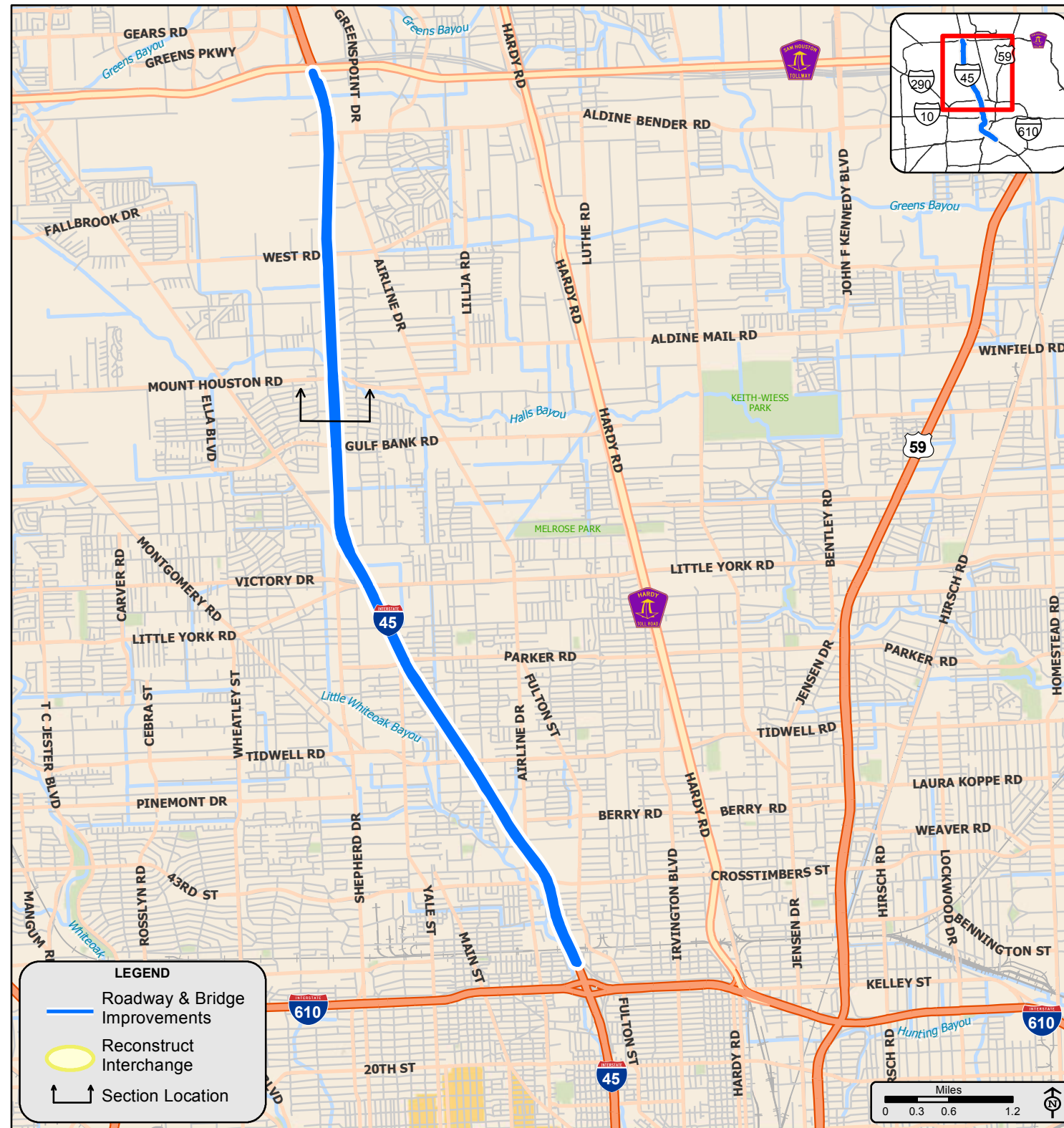
**PRELIMINARY: SUBJECT TO CHANGE**

## SEGMENT 1

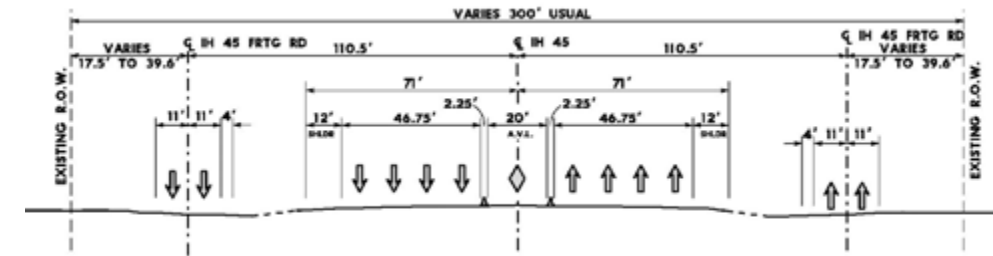
LIMITS: BELTWAY 8 TO IH 610

LENGTH: 9.75 MILES

ESTIMATED COST (CONSTRUCTION & DESIGN):

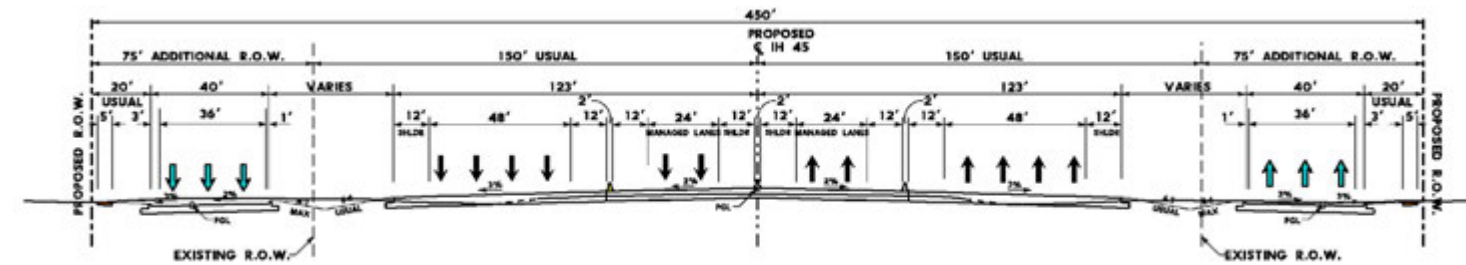


## EXISTING TYPICAL SECTION - IH 45



**SELECTED AS PRELIMINARY ALTERNATIVE**

## PROPOSED TYPICAL SECTION - IH 45 (ALTERNATIVE 6)



## IH 45 NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT

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# IH 45 NORTH - UNIVERSE OF ALTERNATIVES

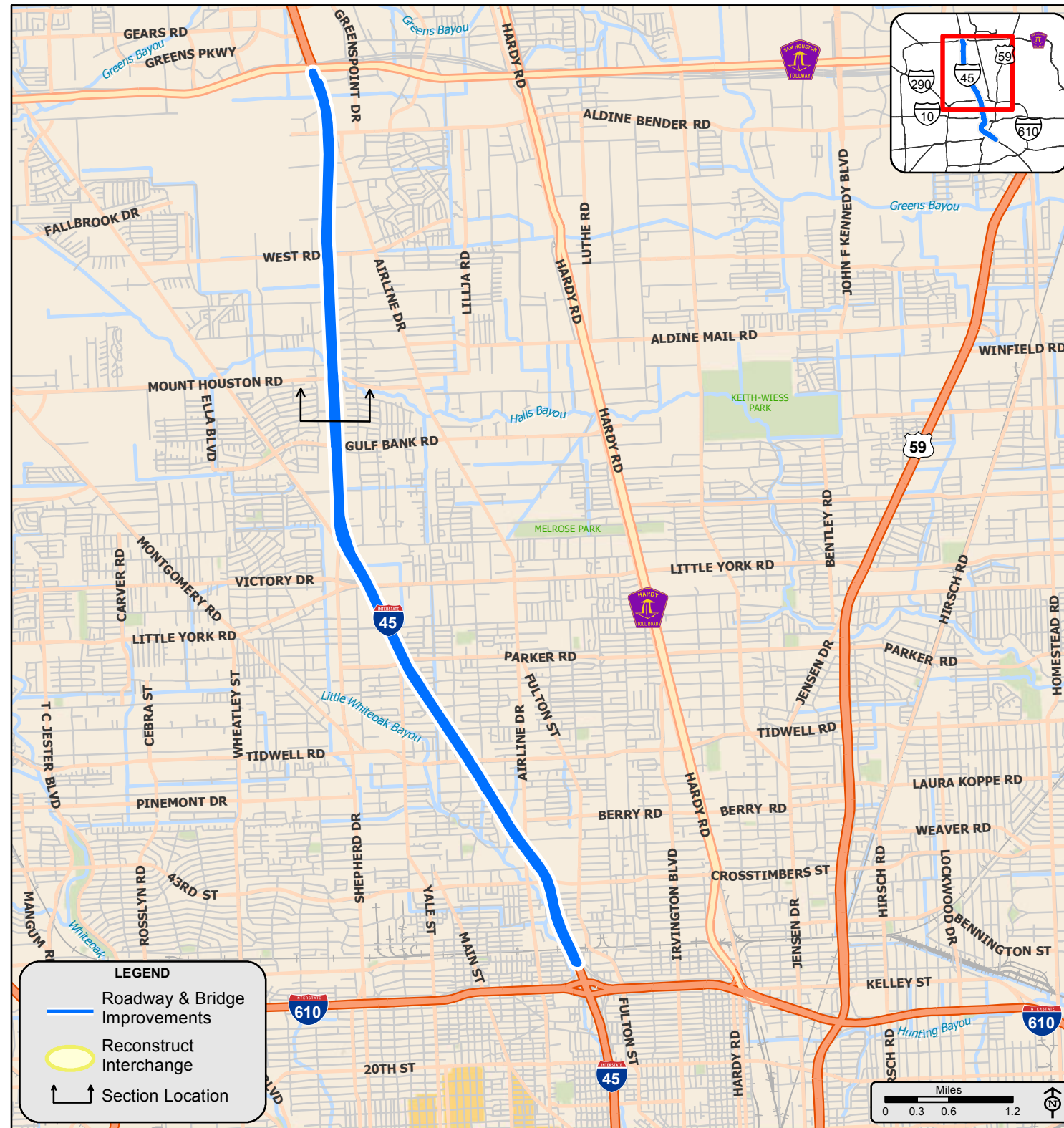
**PRELIMINARY: SUBJECT TO CHANGE**

## SEGMENT 1

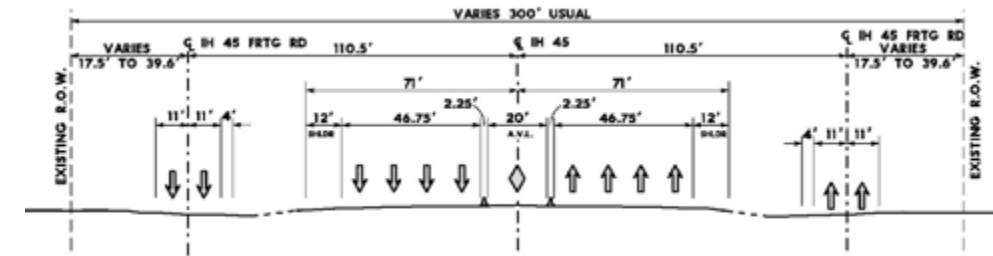
LIMITS: BELTWAY 8 TO IH 610

LENGTH: 9.75 MILES

ESTIMATED COST (CONSTRUCTION & DESIGN):

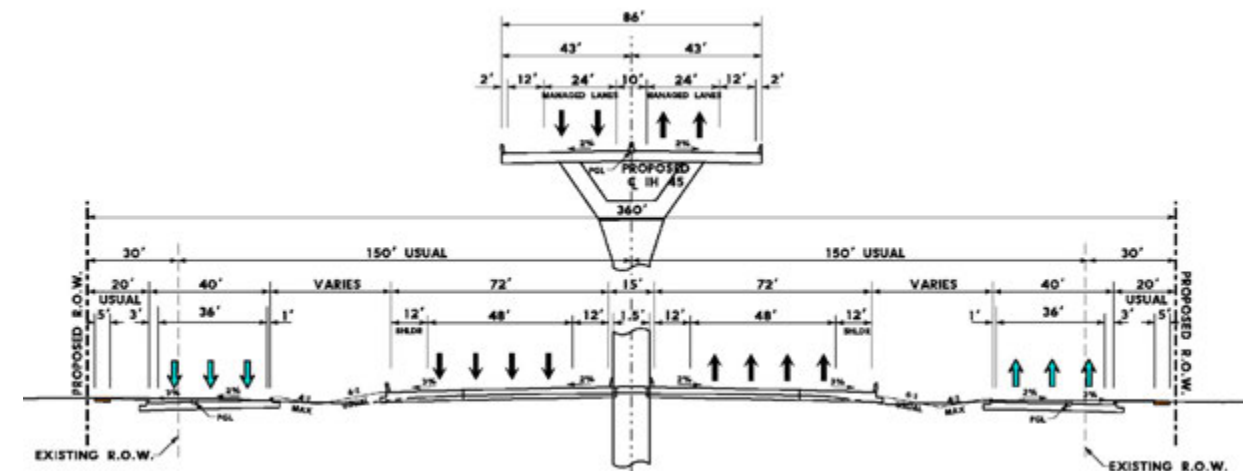


## EXISTING TYPICAL SECTION - IH 45



**SELECTED AS PRELIMINARY ALTERNATIVE**

## PROPOSED TYPICAL SECTION - IH 45 (ALTERNATIVE 7)



## IH 45 NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT

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# IH 45 NORTH - UNIVERSE OF ALTERNATIVES

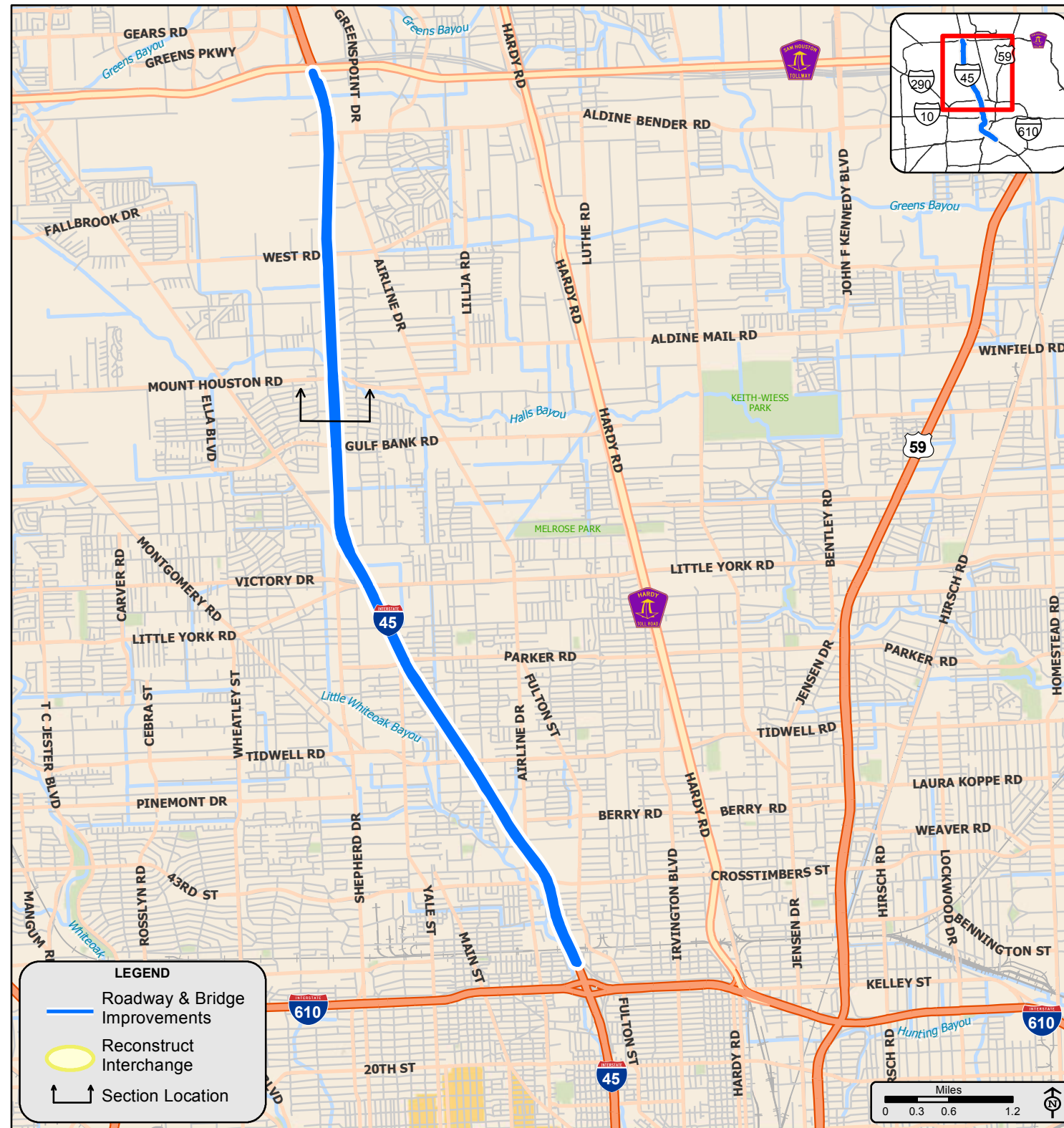
**PRELIMINARY: SUBJECT TO CHANGE**

## SEGMENT 1

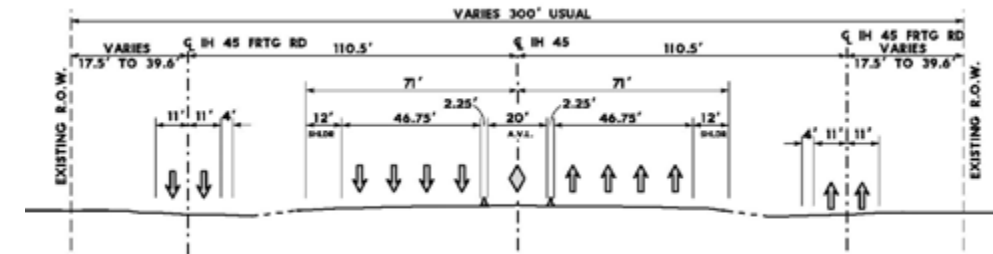
LIMITS: BELTWAY 8 TO IH 610

LENGTH: 9.75 MILES

ESTIMATED COST (CONSTRUCTION & DESIGN):

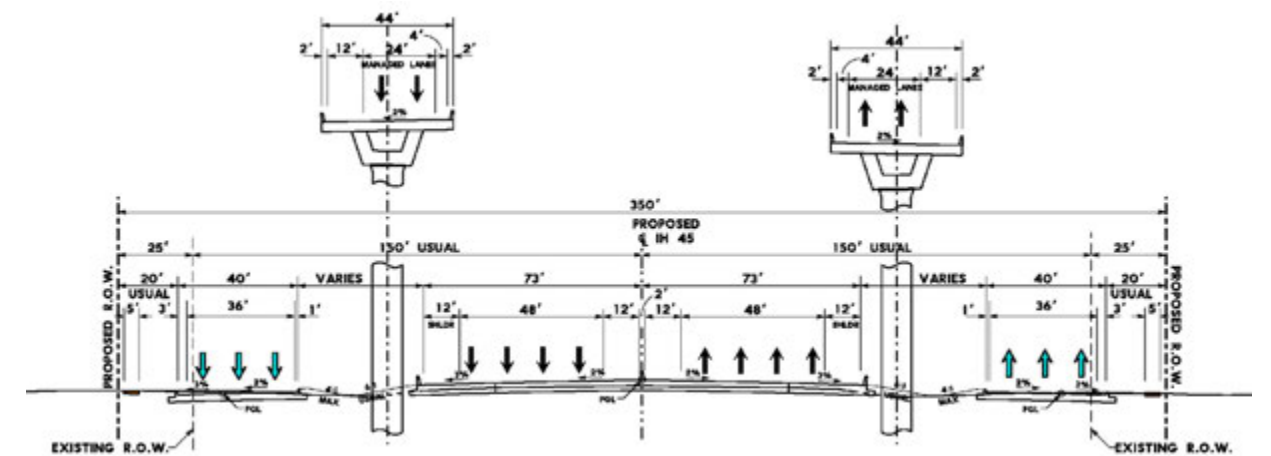


EXISTING TYPICAL SECTION - IH 45



**SELECTED AS PRELIMINARY ALTERNATIVE**

PROPOSED TYPICAL SECTION - IH 45 (ALTERNATIVE 8)



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