

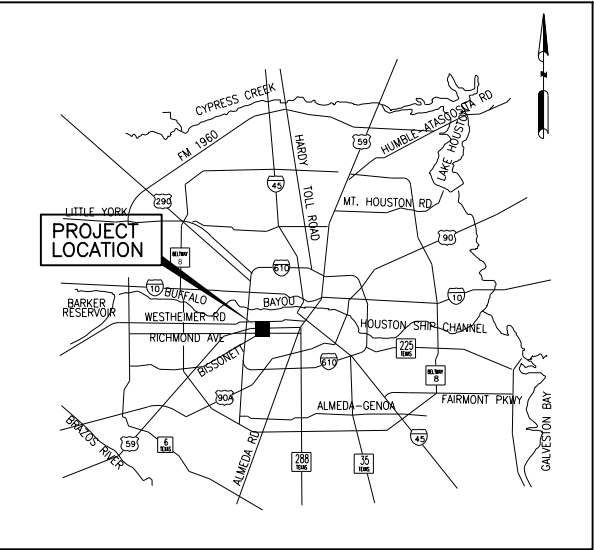
MONTROSE REDEVELOPEMENT AUTHORITY

HAWTHORNE ST. & WOODHEAD ST NEIGHBORHOOD SAFE STREET IMPROVEMENTS

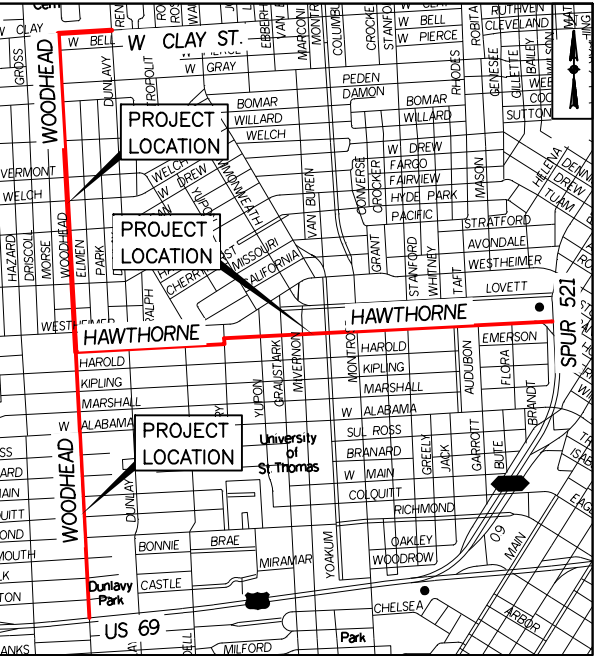
WBS No. N-T27000-0002-7

ON BEHALF OF
TAX INCREMENT REINVESTMENT ZONE NO. 27

FEBRUARY, 2022




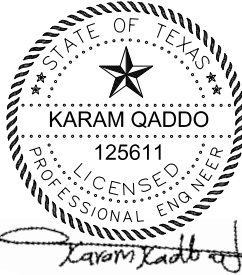
LOCATION MAP
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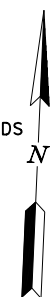
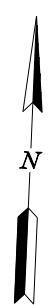


VICINITY MAP














KEY MAP No. 492R,492V,492Z,493S,493T
GIMS MAP No. 5356a, 5356b, 5356c

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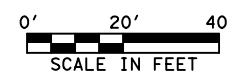
 <p>Gauge ENGINEERING 3200 Wilcrest Drive, Suite 220 Houston, TX 77042 www.GaugeEngineering.com Texas PE Firm Reg. #F-20017</p>	 <p>STATE OF TEXAS KARAM QADDO 125611 LICENSED PROFESSIONAL ENGINEER 02/21/2022</p>
NOTE: CITY SIGNATURE VALID FOR ONE YEAR ONLY, AFTER DATE OF SIGNATURE	
<div></div>	
DIRECTOR OF HOUSTON PUBLIC WORKS	DATE
SHEET NO 1 OF 247 SHEETS	



- ### LEGEND


-  EXIST LANE
-  EXIST CURB
-  EXIST DRIVEWAY
-  PROPOSED DRIVEWAY
-  PROPOSED SIDEWALK
-  EXIST SIDEWALK TO REMAIN
-  PROP 1.5 INCH ASPHALT
MILL AND OVERLAY
-  PROP CONCRETE MEDIAN
-  EXIST INLET
-  PROPOSED RAISED MEDIAN
-  REMOVE AND REPLACE
CURB AND GUTTER
-  MATCH EXIST SIDEWALK
-  ADJUST TO GRADE

1. ALL DISTANCES ARE APPROXIMATE.
2. ALL INTERSECTIONS AND DRIVEWAYS SHALL BE FEATHERED. SEE PROJECT MANUAL FOR MORE DETAILS.
3. PROPOSED SIDEWALK SHALL MATCH EXISTING SIDEWALK WIDTH, GRADE, CROSS-SLOPE AT CONNECTION POINTS.
4. ADJUST ALL MANHOLES RIMS/WATER VALVE BOXES TO PROPOSED GRADE ELEVATION.
5. PROPOSED SIDEWALK SHALL BE CONSTRUCTED FLUSH WITH NATURAL GROUND. SIDEWALKS SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND MAXIMUM RUNNING SLOPE OF 5%.
6. PROVIDE ALL NECESSARY TREE PROTECTION MEASURES TO MAINTAIN EXISTING TREE CONDITION DURING CONSTRUCTION.
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10. OVERLAY FINISHED SURFACE SHALL BE CONSTRUCTED FLUSH WITH EXISTING GUTTER. SEE SHEET 79.
11. CONTRACTOR TO MATCH EXISTING DRIVEWAY WIDTH.



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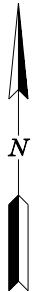
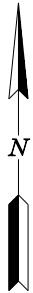
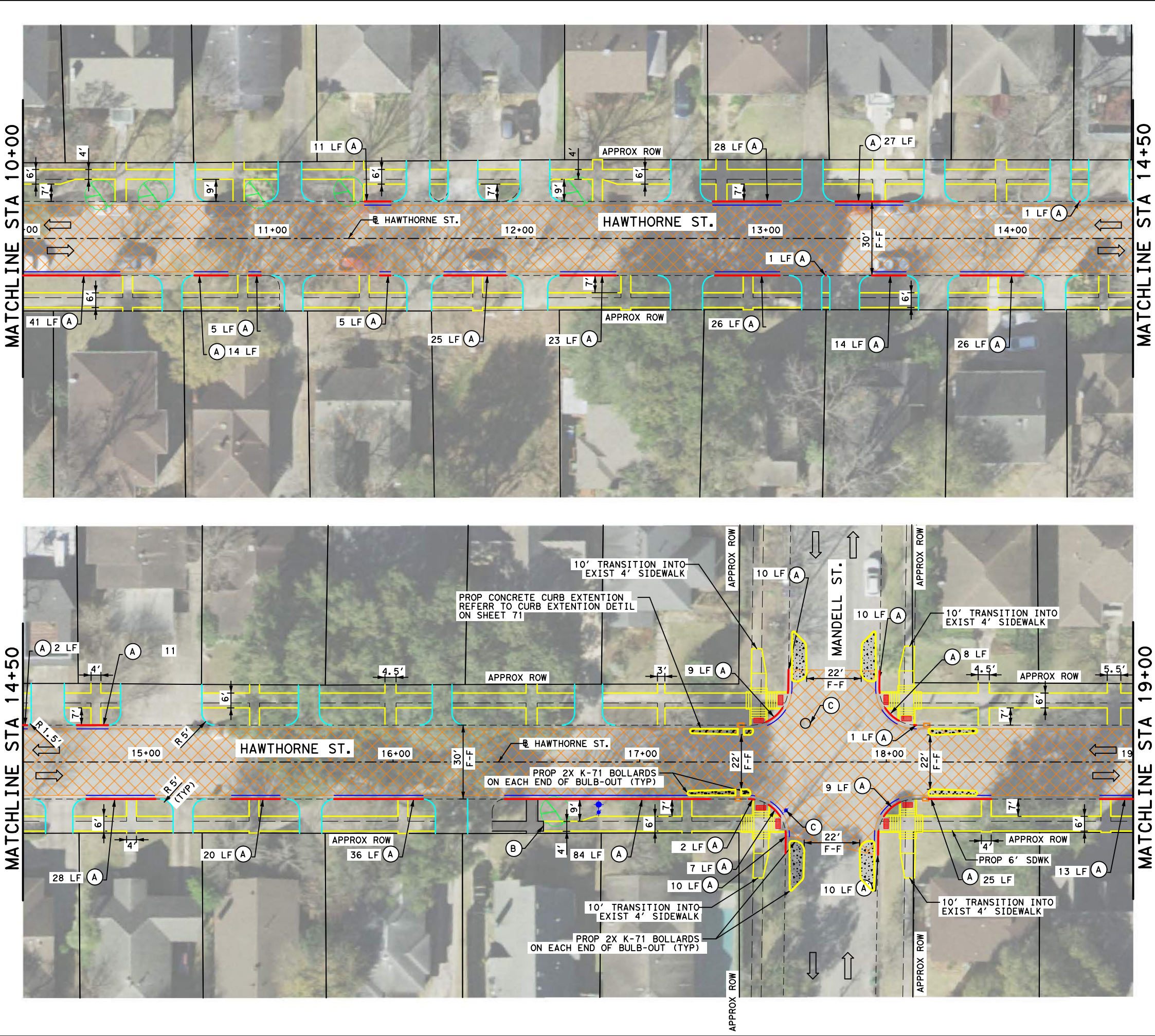
SURVEYED BY:



CITY OF HOUSTON
HOUSTON PUBLIC WORKS

HAWTHORNE ST. & WOODHEAD S
NEIGHBORHOOD SAFE STREET
IMPROVEMENTS
HAWTHORNE STREET ROADWAY
AND SIDEWALK PLAN
BEGIN PROJECT TO STA 10+0
SHEET 1 OF 1

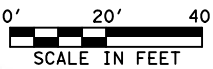
WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-002-7	
DRAWING SCALE	
AS NOTED	
CITY OF HOUSTON PM	
SHAPOOR GOLSHAN	
SHEET NO. 35 OF 247	



LEGEND

- EXIST LANE
- EXIST CURB
- EXIST DRIVEWAY
- PROPOSED DRIVEWAY
- PROPOSED SIDEWALK
- EXIST SIDEWALK TO REMAIN
- PROP 1.5 INCH ASPHALT MILL AND OVERLAY
- PROP CONCRETE MEDIAN
- EXIST INLET
- PROPOSED RAISED MEDIAN
- (A) REMOVE AND REPLACE CURB AND GUTTER
- (B) MATCH EXIST SIDEWALK
- (C) ADJUST TO GRADE

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STATE OF TEXAS
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12/23/2021

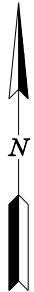
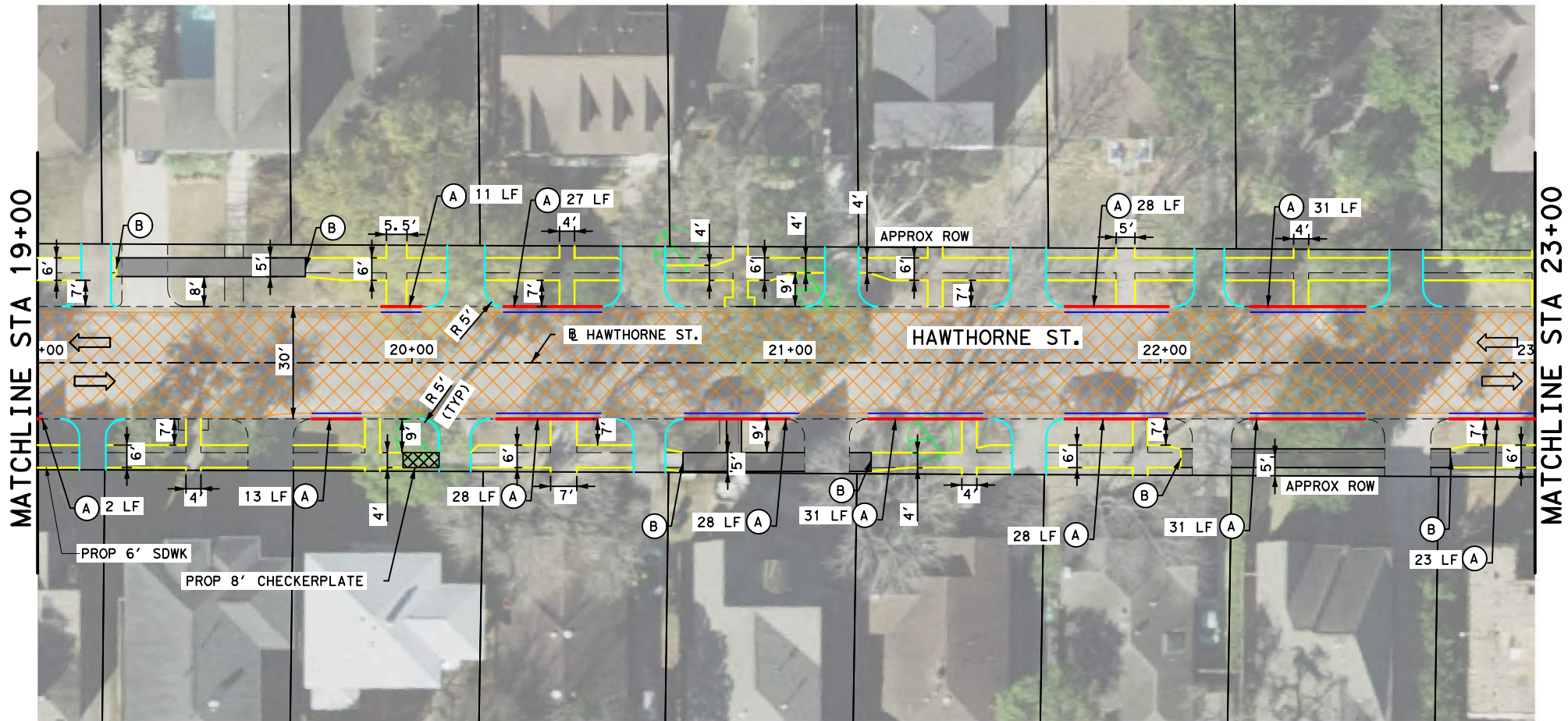
CITY OF HOUSTON
HOUSTON PUBLIC WORKS

**HAWTHORNE ST. & WOODHEAD ST.
NEIGHBORHOOD SAFE STREET
IMPROVEMENTS
HAWTHORNE STREET ROADWAY
AND SIDEWALK PLAN
STA 10+00 TO STA 19+00**

SHEET 2 OF 10

WBS NUMBER	N-T27000-002-7
DRAWING SCALE	AS NOTED
CITY OF HOUSTON PM	SHAPOOR GOLSHAN
SHEET NO. 36	OF 247

FOR CITY OF HOUSTON USE ONLY



LEGEND

EXIST LANE

EXIST CURB

EXIST DRIVEWAY

PROPOSED DRIVEWAY

PROPOSED SIDEWALK

EXIST SIDEWALK TO REMAIN

PROP 1.5 INCH ASPHALT MILL AND OVERLAY

PROP CONCRETE MEDIAN

EXIST INLET

PROPOSED RAISED MEDIAN

REMOVE AND REPLACE CURB AND GUTTER

MATCH EXIST SIDEWALK

ADJUST TO GRADE

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6. PROVIDE ALL NECESSARY TREE PROTECTION MEASURES TO MAINTAIN EXISTING TREE CONDITION DURING CONSTRUCTION.

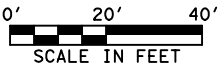
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STATE OF TEXAS

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11/15/2021

CITY OF HOUSTON

HOUSTON PUBLIC WORKS

HAWTHORNE ST. & WOODHEAD ST.

NEIGHBORHOOD SAFE STREET

IMPROVEMENTS

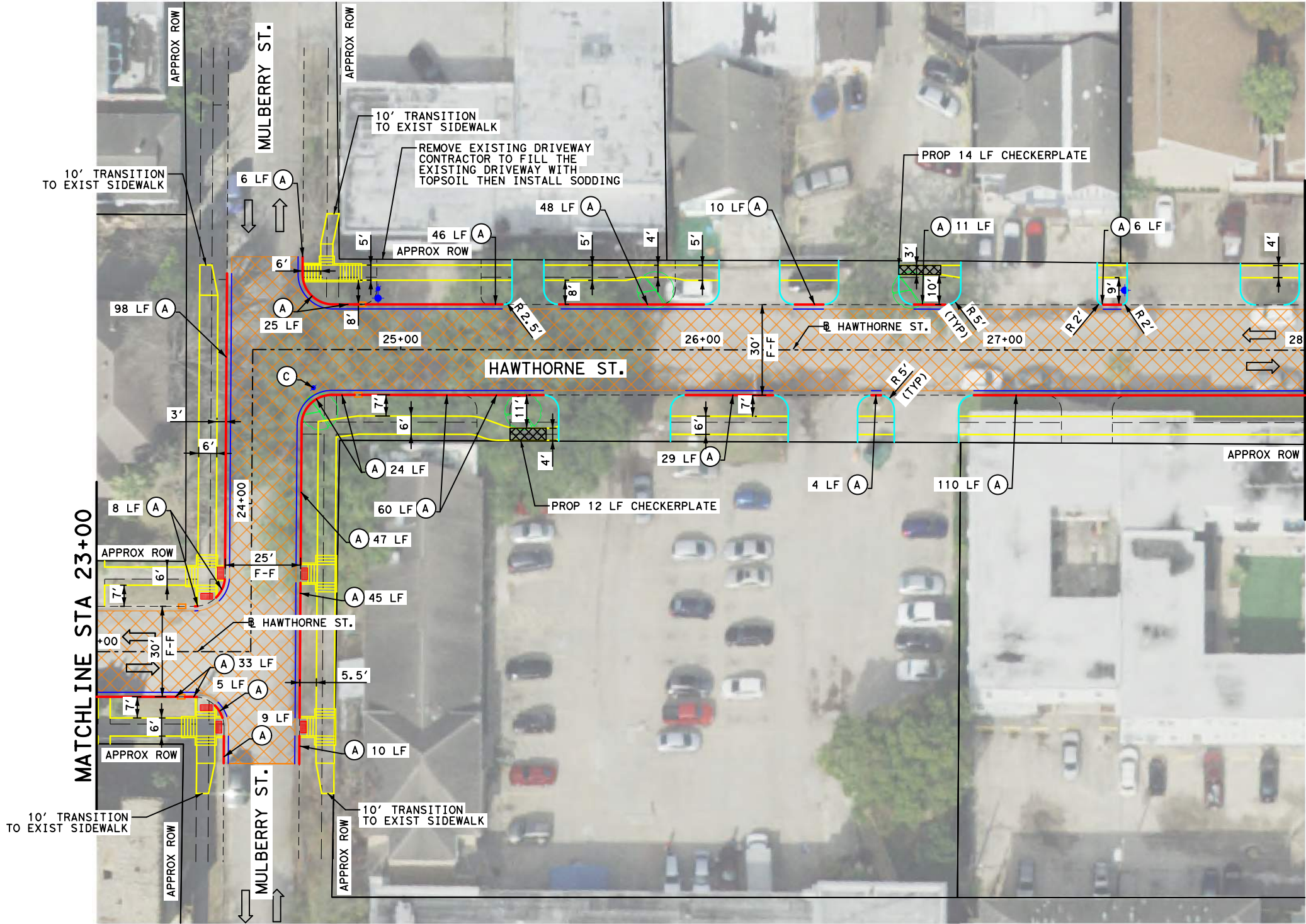
HAWTHORNE STREET ROADWAY

AND SIDEWALK PLAN

STA 19+00 TO STA 23+00

SHEET 3 OF 10

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-002-7	
DRAWING SCALE	
AS NOTED	
CITY OF HOUSTON PM	
SHAPOOR GOLSHAN	
SHEET NO. 37 OF 247	



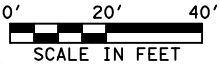
MATCHLINE STA 23+00

MATCHLINE STA 28+00

LEGEND

- EXIST LANE
- EXIST CURB
- EXIST DRIVEWAY
- PROPOSED DRIVEWAY
- PROPOSED SIDEWALK
- EXIST SIDEWALK TO REMAIN
- PROP 1.5 INCH ASPHALT MILL AND OVERLAY
- PROP CONCRETE MEDIAN
- EXIST INLET
- PROPOSED RAISED MEDIAN
- (A) REMOVE AND REPLACE CURB AND GUTTER
- (B) MATCH EXIST SIDEWALK
- (C) ADJUST TO GRADE

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 - CONTRACTOR TO MTACH EXISTING DRIVEWAY WIDTH.



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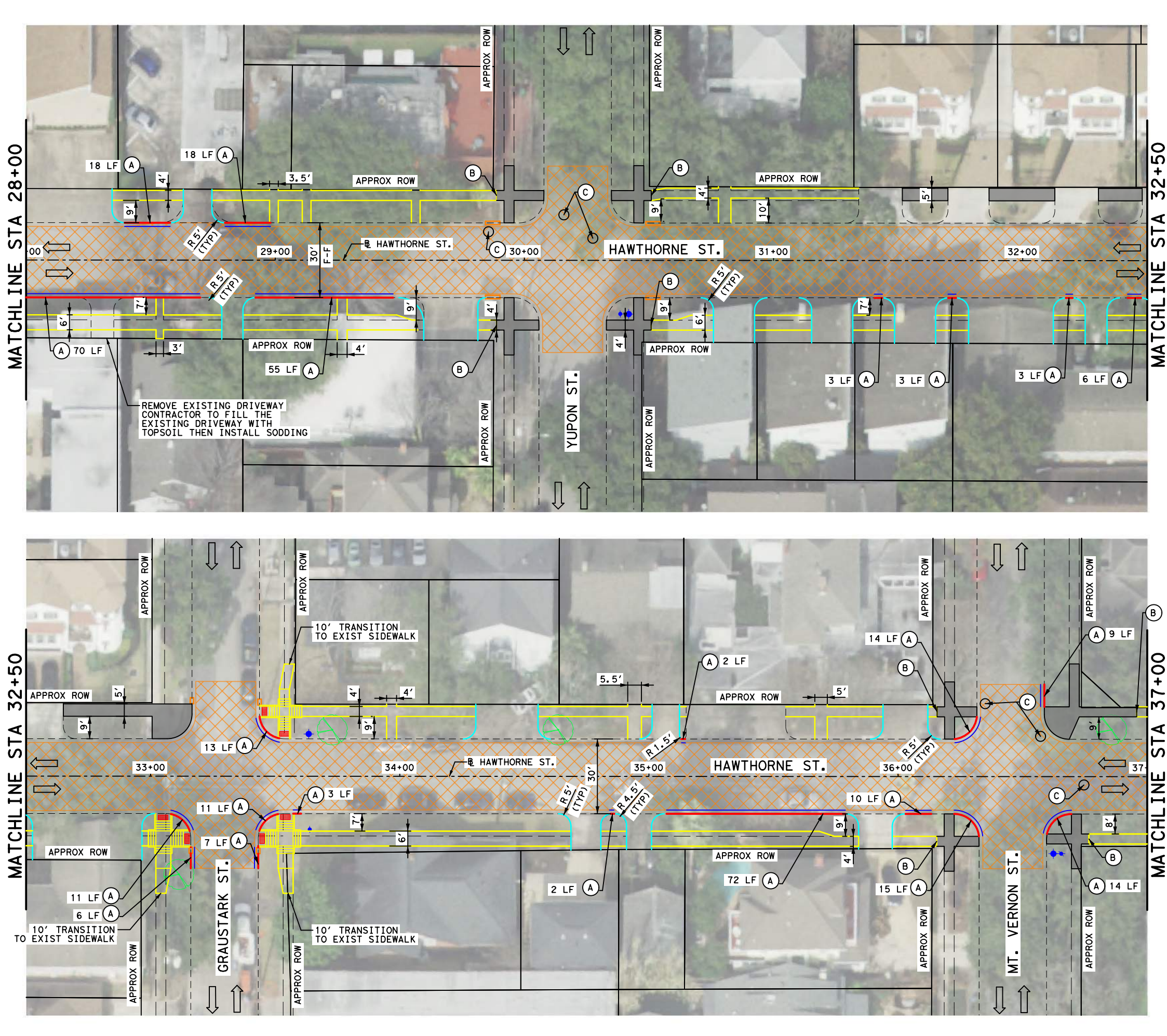
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11/15/2021

STATE OF TEXAS
KARAM M. QADDO
125611
LICENSED PROFESSIONAL ENGINEER

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
HAWTHORNE ST. & WOODHEAD ST.
NEIGHBORHOOD SAFE STREET
IMPROVEMENTS
HAWTHORNE STREET ROADWAY
AND SIDEWALK PLAN
STA 23+00 TO STA 28+00
SHEET 4 OF 10

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-002-7	
DRAWING SCALE	
AS NOTED	
CITY OF HOUSTON PM	
SHAPOOR GOLSHAN	
SHEET NO. 38 OF 247	



LEGEND

EXIST LANE

EXIST CURB

- NOTES
1.

ALL DISTANCES ARE APPROXIMATE.
2.

ALL INTERSECTIONS AND DRIVEWAYS SHALL BE FEATHERED. SEE PROJECT MANUAL FOR MORE DETAILS.
3.

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6.

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10.

OVERLAY FINISHED SURFACE SHALL BE CONSTRUCTED FLUSH WITH EXISTING GUTTER. SEE SHEET 79.
11.

CONTRACTOR TO MTACH EXISTING DRIVEWAY WIDTH.

0' 20' 40'

SCALE IN FEET

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11/15/2021

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CITY OF HOUSTON

HOUSTON PUBLIC WORKS

HAWTHORNE ST. & WOODHEAD ST.

NEIGHBORHOOD SAFE STREET IMPROVEMENTS

HAWTHORNE STREET ROADWAY AND SIDEWALK PLAN

STA 28+00 TO STA 37+00

SHEET 5 OF 10

WBS NUMBER

N-T27000-002-7

DRAWING SCALE

AS NOTED

CITY OF HOUSTON PM

SHAPOOR GOLSHAN

SHEET NO.

39 OF 247

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Design File name: P:\TIRZ 27\1090-TO-4-Hawthorne-Woodhead\4-0-Production-Working\4-1-CAD\Roadway\Hawthorne-05.dgn



LEGEND

→

EXIST LANE

EXIST CURB

EXIST DRIVEWAY

PROPOSED DRIVEWAY

PROPOSED SIDEWALK

█

EXIST SIDEWALK TO REMAIN

▨

PROP 1.5 INCH ASPHALT
MILL AND OVERLAY

▨

PROP CONCRETE MEDIAN

▭

EXIST INLET

▭

PROPOSED RAISED MEDIAN

Ⓐ

REMOVE AND REPLACE
CURB AND GUTTER

Ⓑ

MATCH EXIST SIDEWALK

Ⓒ

ADJUST TO GRADE

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11. CONTRACTOR TO MTACH EXISTING DRIVEWAY WIDTH.

0'20'40'

SCALE IN FEET

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11/15/2021

CITY OF HOUSTON

HOUSTON PUBLIC WORKS

HAWTHORNE ST. & WOODHEAD ST.

NEIGHBORHOOD SAFE STREET

IMPROVEMENTS

HAWTHORNE STREET ROADWAY

AND SIDEWALK PLAN

STA 37+00 TO STA 46+00

SHEET 6 OF 10

WBS NUMBER

N-T27000-002-7

DRAWING SCALE

AS NOTED

CITY OF HOUSTON PM

SHAPOOR GOLSHAN

SHEET NO.

40 OF 247

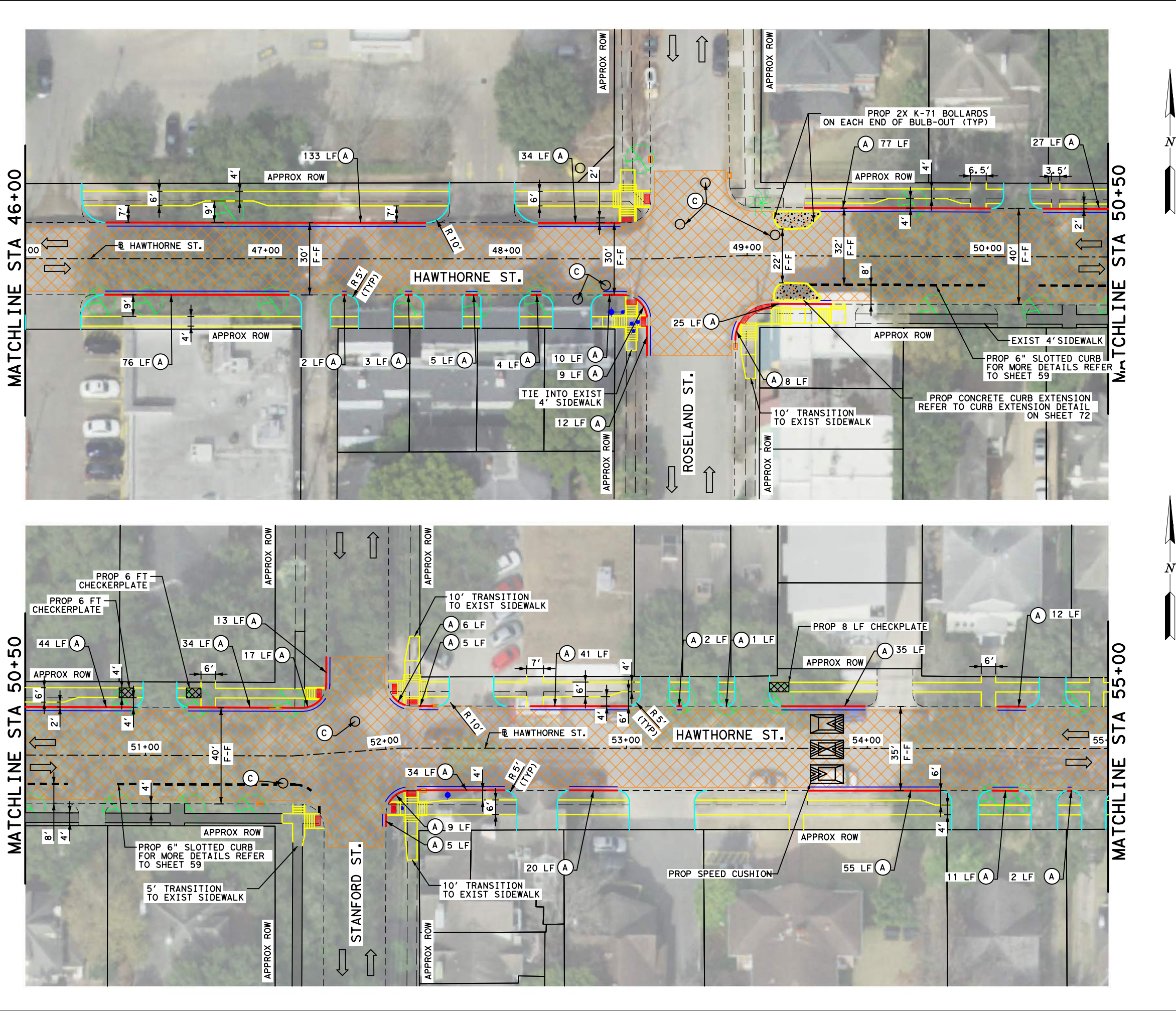
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NO. DATE

REVISION

APP.

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LEGEND

→

EXIST LANE

EXIST CURB

EXIST DRIVEWAY

PROPOSED DRIVEWAY

PROPOSED SIDEWALK

EXIST SIDEWALK TO REMAIN

PROP 1.5 INCH ASPHALT MILL AND OVERLAY

PROP CONCRETE MEDIAN

EXIST INLET

PROPOSED RAISED MEDIAN

(A)

REMOVE AND REPLACE CURB AND GUTTER

(B)

MATCH EXIST SIDEWALK

(C)

ADJUST TO GRADE

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0'20'40'

SCALE IN FEET

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STATE OF TEXAS

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HAWTHORNE ST. & WOODHEAD ST.

NEIGHBORHOOD SAFE STREET IMPROVEMENTS

HAWTHORNE STREET ROADWAY AND SIDEWALK PLAN

STA 46+00 TO STA 55+00

SHEET 7 OF 10

WBS NUMBER

N-T27000-002-7

DRAWING SCALE

AS NOTED

CITY OF HOUSTON PM

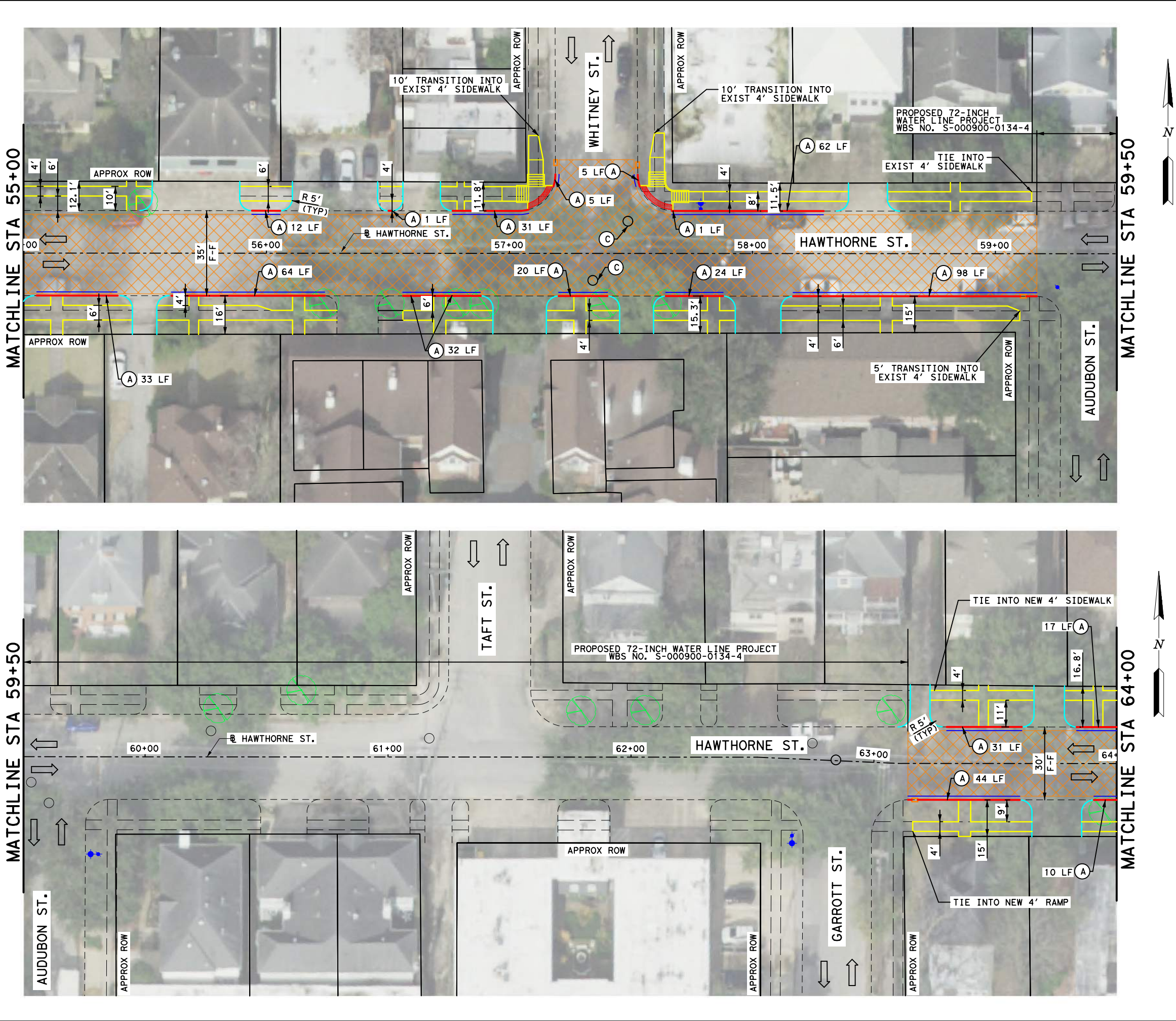
SHAPOOR GOLSHAN

SHEET NO. 41

OF 247

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LEGEND

EXIST LANE

EXIST CURB

EXIST DRIVEWAY

PROPOSED DRIVEWAY

PROPOSED SIDEWALK

EXIST SIDEWALK TO REMAIN

PROP 1.5 INCH ASPHALT MILL AND OVERLAY

PROP CONCRETE MEDIAN

EXIST INLET

PROPOSED RAISED MEDIAN

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(B) MATCH EXIST SIDEWALK

(C) ADJUST TO GRADE

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10. OVERLAY FINISHED SURFACE SHALL BE CONSTRUCTED FLUSH WITH EXISTING GUTTER. SEE SHEET 79.

11. CONTRACTOR TO MTACH EXISTING DRIVEWAY WIDTH.

0'20'40'

SCALE IN FEET

Gauge

ENGINEERING

3200 Wilcrest Drive, Suite 220

Houston, TX 77042

www.GaugeEngineering.com

Texas PE Firm Reg. #F-20017

STATE OF TEXAS

KARAM M. QADDO

125611

PROFESSIONAL ENGINEER

11/15/2021

CITY OF HOUSTON

HOUSTON PUBLIC WORKS

HAWTHORNE ST. & WOODHEAD ST.

NEIGHBORHOOD SAFE STREET IMPROVEMENTS

HAWTHORNE STREET ROADWAY AND SIDEWALK PLAN

STA 55+00 TO STA 64+00

SHEET 8 OF 10

WBS NUMBER

N-T27000-002-7

DRAWING SCALE

AS NOTED

CITY OF HOUSTON PM

SHAPOOR GOLSHAN

SHEET NO. 42 OF 247

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Design File name: P:\TIRZ 27\1090-TO-4-Hawthorne-Woodhead\4-0-Product\on-Work\ng\4-1-CAD\Roadway\HAWTHORNE-08.dgn



LEGEND

→

EXIST LANE

EXIST CURB

EXIST DRIVEWAY

PROPOSED DRIVEWAY

PROPOSED SIDEWALK

EXIST SIDEWALK TO REMAIN

PROP 1.5 INCH ASPHALT MILL AND OVERLAY

PROP CONCRETE MEDIAN

EXIST INLET

PROPOSED RAISED MEDIAN

(A)

REMOVE AND REPLACE CURB AND GUTTER

(B)

MATCH EXIST SIDEWALK

(C)

ADJUST TO GRADE

NOTES

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0' 20' 40'

SCALE IN FEET

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Texas PE Firm Reg. #F-20017

STATE OF TEXAS

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125611

PROFESSIONAL ENGINEER

11/15/2021

SURVEYED BY:

CITY OF HOUSTON

HOUSTON PUBLIC WORKS

HAWTHORNE ST. & WOODHEAD ST.

NEIGHBORHOOD SAFE STREET IMPROVEMENTS

HAWTHORNE STREET ROADWAY AND SIDEWALK PLAN

STA 64+00 TO STA 71+50

SHEET 9 OF 10

WBS NUMBER

N-T27000-002-7

DRAWING SCALE

AS NOTED

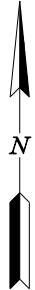
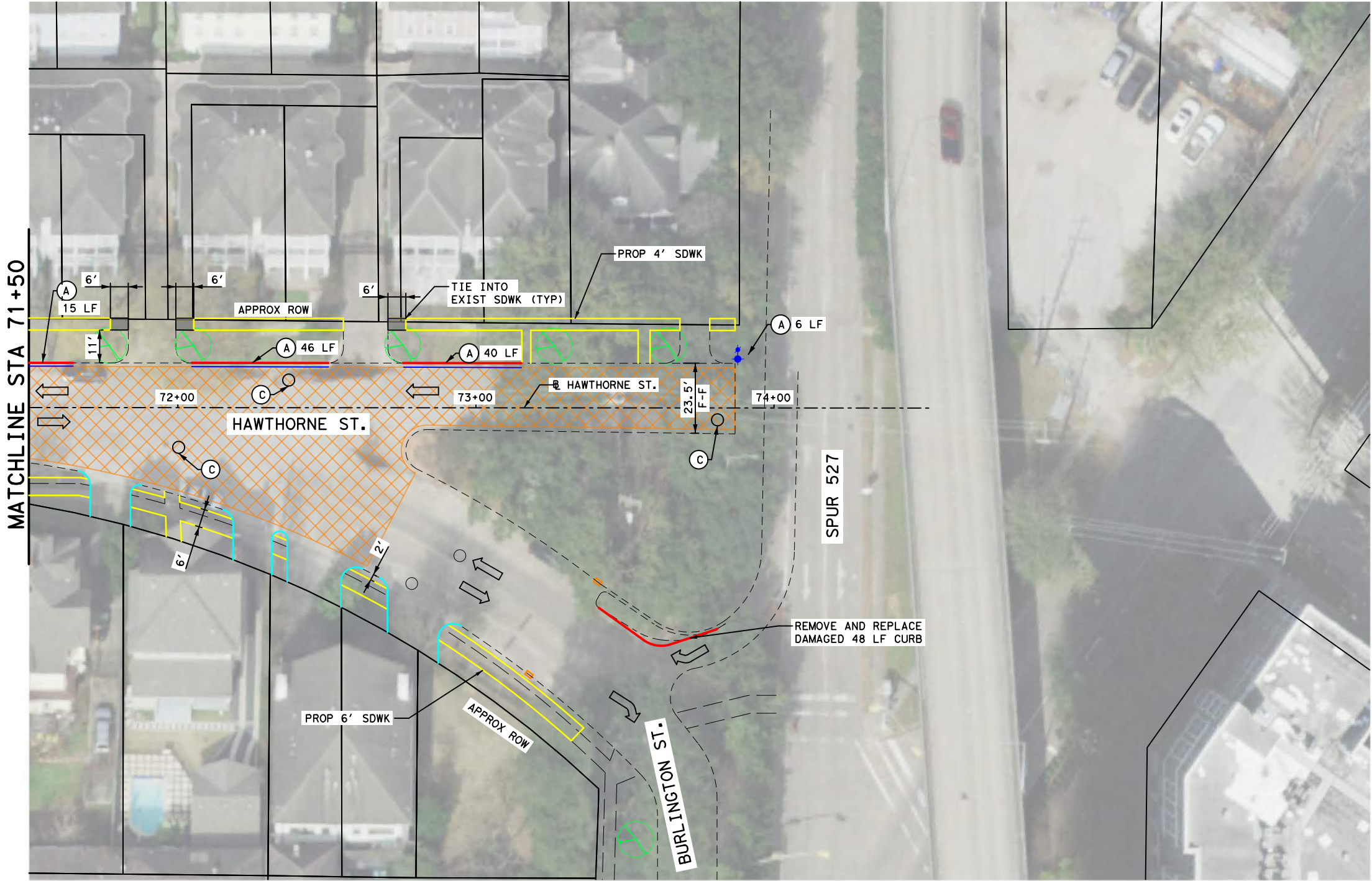
CITY OF HOUSTON PM

SHAPOOR GOLSHAN

SHEET NO. 43 OF 247

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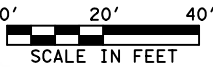
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LEGEND

- EXIST LANE
- EXIST CURB
- EXIST DRIVEWAY
- PROPOSED DRIVEWAY
- PROPOSED SIDEWALK
- EXIST SIDEWALK TO REMAIN
- PROP 1.5 INCH ASPHALT MILL AND OVERLAY
- PROP CONCRETE MEDIAN
- EXIST INLET
- PROPOSED RAISED MEDIAN
- A REMOVE AND REPLACE CURB AND GUTTER
- B MATCH EXIST SIDEWALK
- C ADJUST TO GRADE

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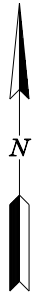
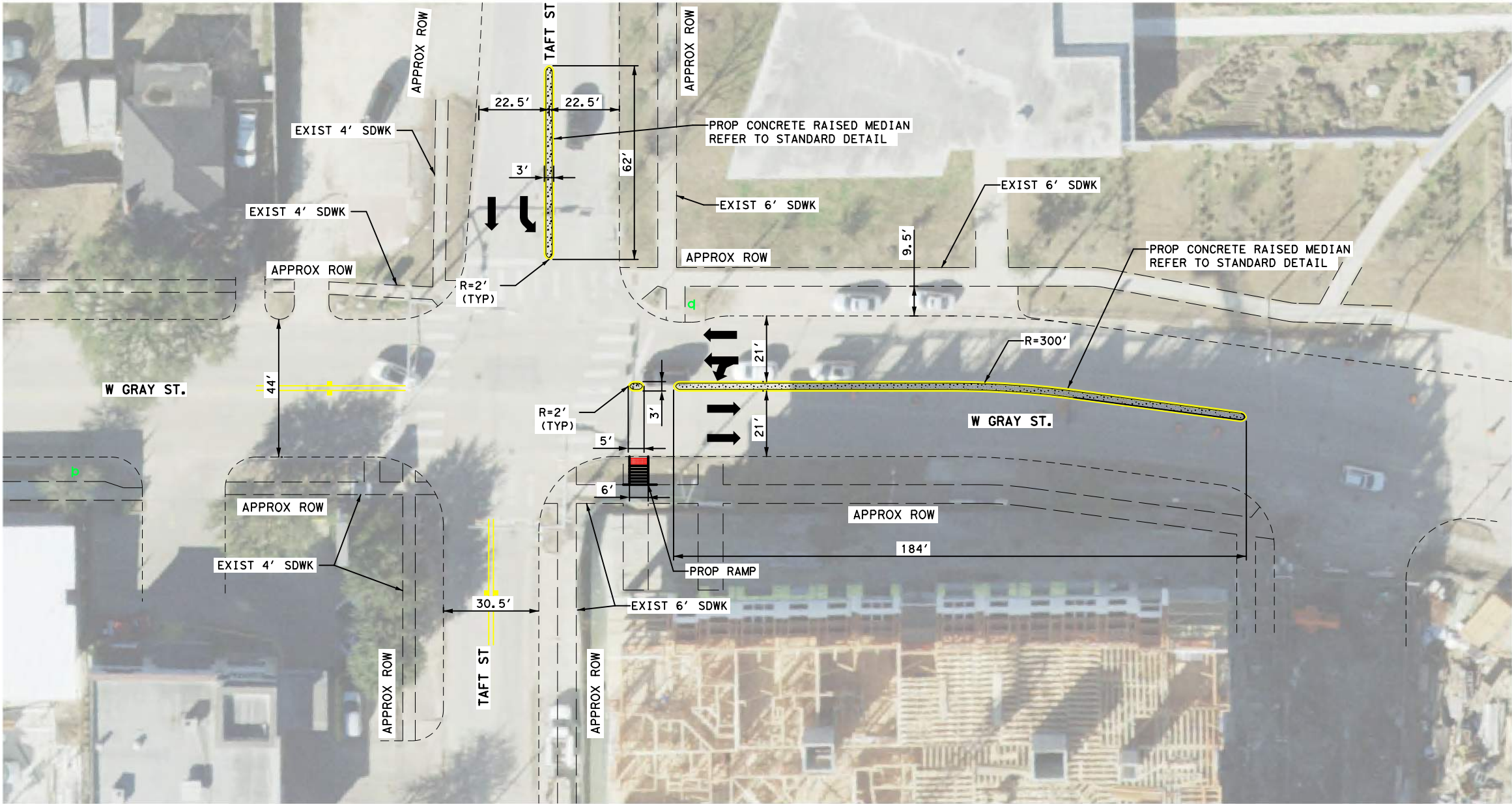
Gauge
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3200 Wilcrest Drive, Suite 220
Houston, TX 77042
www.GaugeEngineering.com
Texas PE Firm Reg. #F-20017

STATE OF TEXAS
KARAM M. QADDO
125611
LICENSED PROFESSIONAL ENGINEER
12/23/2021

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

HAWTHORNE ST. & WOODHEAD ST.
NEIGHBORHOOD SAFE STREET
IMPROVEMENTS
HAWTHORNE STREET ROADWAY
AND SIDEWALK PLAN
STA 71+50 TO END PROJECT
SHEET 10 OF 10

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-002-7	
DRAWING SCALE	
AS NOTED	
CITY OF HOUSTON PM	
SHAPOOR GOLSHAN	
SHEET NO. 44 OF 247	



LEGEND

EXIST LANE

EXIST CURB

EXIST DRIVEWAY

PROPOSED DRIVEWAY

PROPOSED SIDEWALK

EXIST SIDEWALK TO REMAIN

PROP 1.5 INCH ASPHALT MILL AND OVERLAY

PROP CONCRETE MEDIAN

EXIST INLET

PROPOSED RAISED MEDIAN

REMOVE AND REPLACE CURB AND GUTTER

MATCH EXIST SIDEWALK

ADJUST TO GRADE

- NOTES
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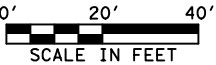
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Gauge
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3200 Wilcrest Drive, Suite 220
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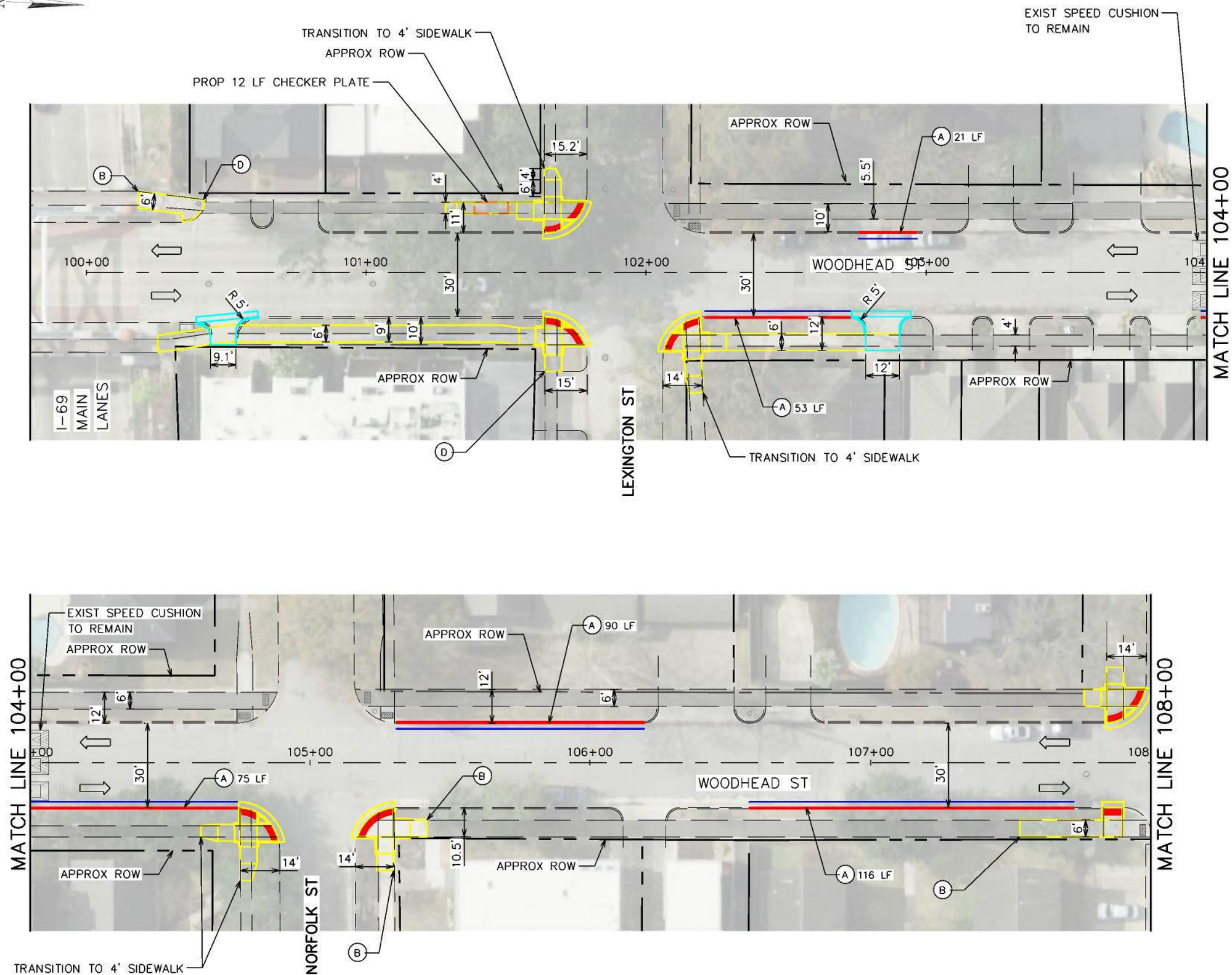
CITY OF HOUSTON
HOUSTON PUBLIC WORKS

HAWTHORNE ST. & WOODHEAD ST.
NEIGHBORHOOD SAFE STREET
IMPROVEMENTS

TAFT ST AND WEST GRAY ST
RAISED MEDIAN

SHEET 1 OF 1

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-002-7	
DRAWING SCALE	
AS NOTED	
CITY OF HOUSTON PM	
SHAPOOR GOLSHAN	
SHEET NO. 45 OF 247	



LEGEND

- RIGHT-OF-WAY
- EXISTING LANE
- EXISTING CURB
- EXISTING SIDEWALK/DRIVEWAY
- EXISTING SIDEWALK TO REMAIN
- EXISTING DETECTABLE WARNING
- 1.5 INCH ASPHALT MILL AND OVERLAY
- PROPOSED CONCRETE MEDIAN
- PROPOSED SIDEWALK
- PROPOSED CURB AND GUTTER
- PROPOSED DRIVEWAY
- PROPOSED DETECTABLE WARNING

(A) REMOVE AND REPLACE CURB AND GUTTER
(B) MATCH EXIST SIDEWALK
(C) ADJUST TO GRADE
(D) MATCH EXIST DRIVEWAY

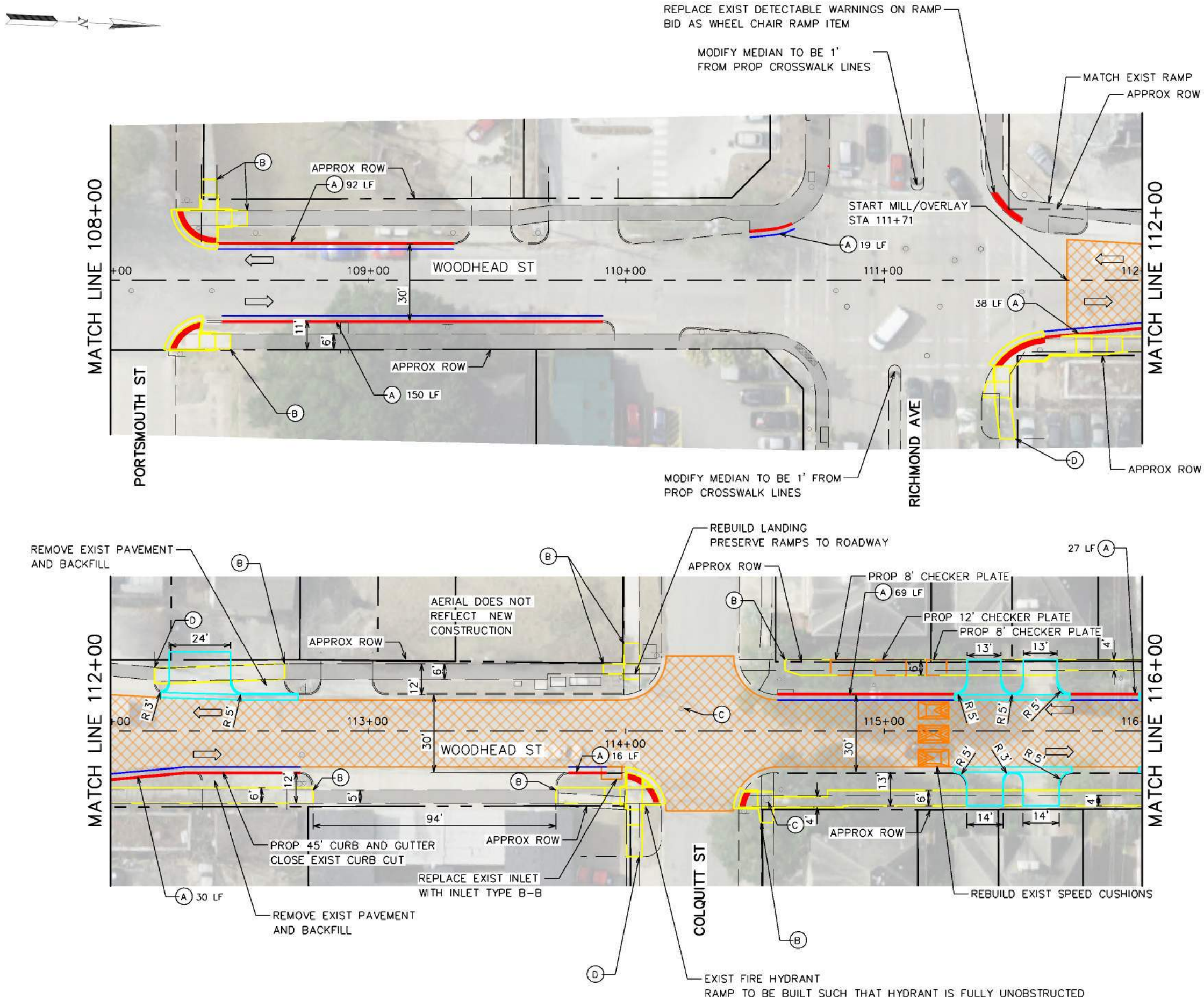
0' 20' 40'
SCALE IN FEET

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TRAFFIC ENGINEERS, INC.
801 CONGRESS ST, Suite 325
Houston, TX 77002
www.TrafficEngineers.com
Texas PE Firm Reg. #F-3158
SURVEYED BY: *Sarah L. Wetmore*

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
HAWTHORNE ST. & WOODHEAD ST.
NEIGHBORHOOD SAFE STREET
IMPROVEMENTS
WOODHEAD STREET
ROADWAY AND SIDEWALK PLAN
SHEET 1 OF 12

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-0002-7	
AS NOTED	
CITY OF HOUSTON PM	
SHAPOOR GOLSHAN	
SHEET NO. 47 OF 247	



LEGEND

RIGHT-OF-WAY

EXISTING LANE

EXISTING CURB

EXISTING SIDEWALK/DRIVEWAY

EXISTING SIDEWALK TO REMAIN

EXISTING DETECTABLE WARNING

1.5 INCH ASPHALT MILL AND OVERLAY

PROPOSED CONCRETE MEDIAN

PROPOSED SIDEWALK

PROPOSED CURB AND GUTTER

PROPOSED DRIVEWAY

PROPOSED DETECTABLE WARNING

(A)

REMOVE AND REPLACE CURB AND GUTTER

(B)

MATCH EXIST SIDEWALK

(C)

ADJUST TO GRADE

(D)

MATCH EXIST DRIVEWAY

0'20'40'

SCALE IN FEET

- NOTES
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801 CONGRESS ST, Suite 325
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www.TrafficEngineers.com
Texas PE Firm Reg. #F-3158

SURVEYED BY:

Sarah L. Wetmore

11/16/2021

STATE OF TEXAS

SARAH L. WETMORE

130442

PROFESSIONAL ENGINEER

CITY OF HOUSTON

HOUSTON PUBLIC WORKS

HAWTHORNE ST. & WOODHEAD ST.

NEIGHBORHOOD SAFE STREET

IMPROVEMENTS

WOODHEAD STREET

ROADWAY AND SIDEWALK PLAN

SHEET 2 OF 12

WBS NUMBER

N-T27000-0002-7

AS NOTED

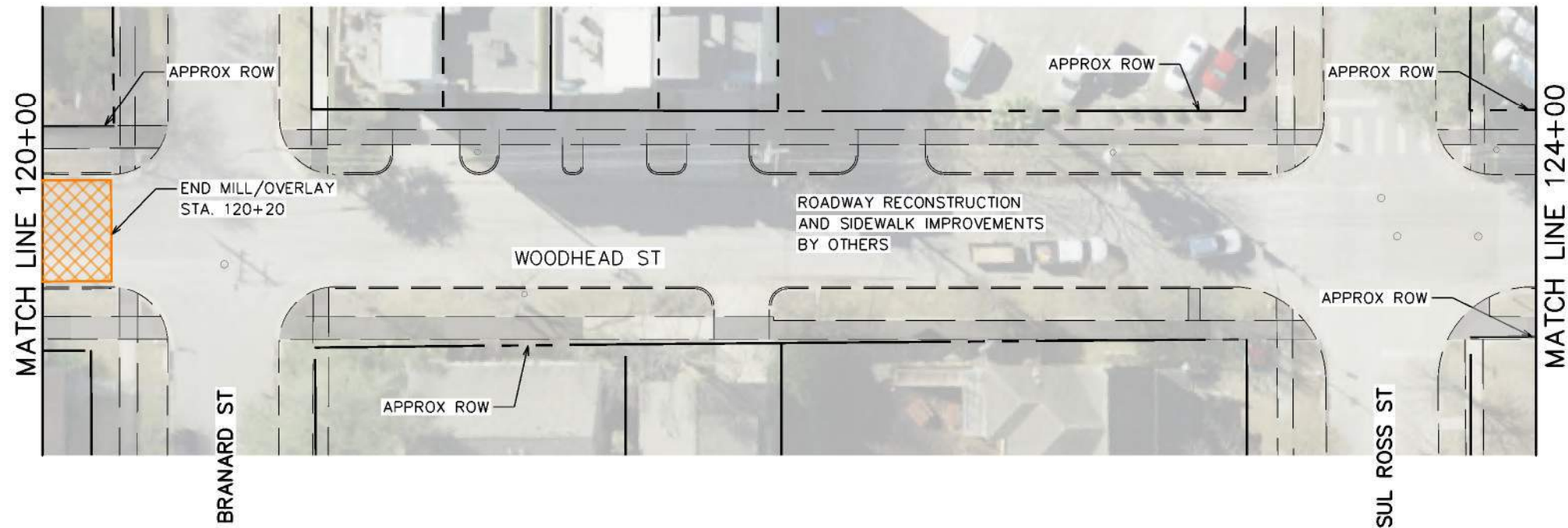
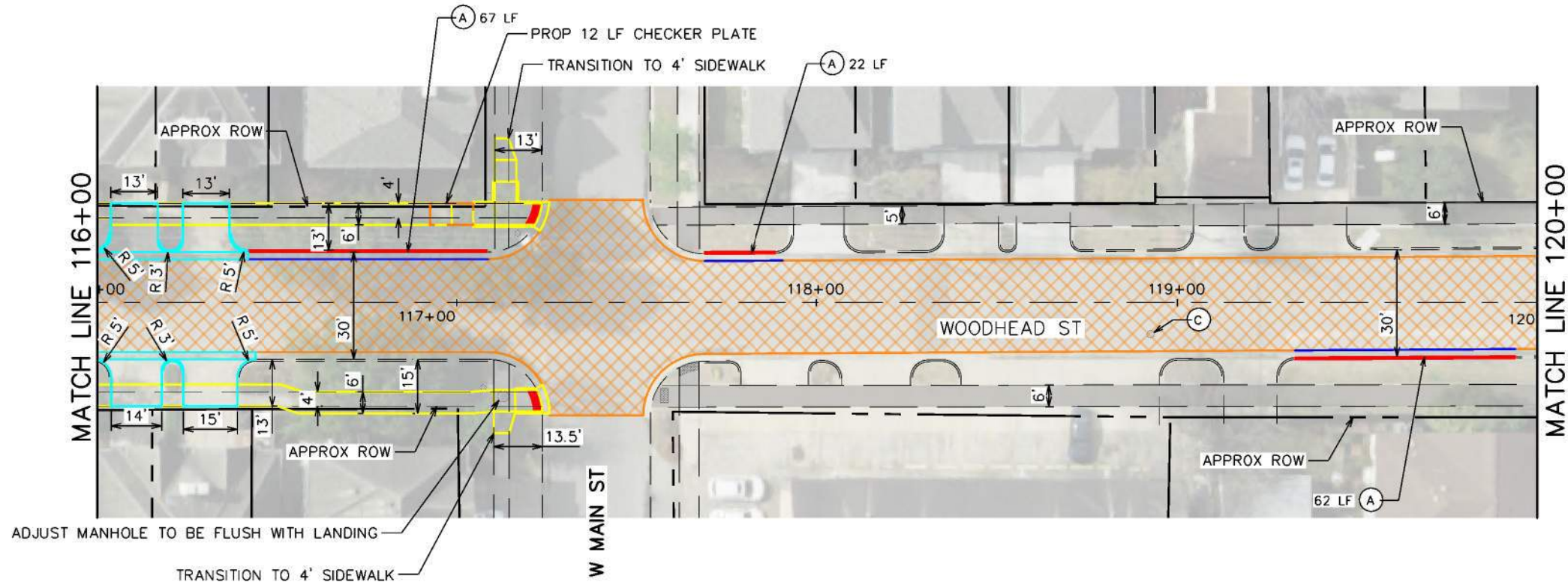
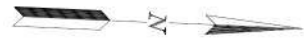
CITY OF HOUSTON PM

SHAPOOR GOLSHAN

SHEET NO. 48 OF 247

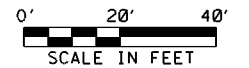
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LEGEND

- RIGHT-OF-WAY
- EXISTING LANE
- EXISTING CURB
- EXISTING SIDEWALK/DRIVEWAY
- EXISTING SIDEWALK TO REMAIN
- EXISTING DETECTABLE WARNING
- 1.5 INCH ASPHALT MILL AND OVERLAY
- PROPOSED CONCRETE MEDIAN
- PROPOSED SIDEWALK
- PROPOSED CURB AND GUTTER
- PROPOSED DRIVEWAY
- PROPOSED DETECTABLE WARNING
- (A) REMOVE AND REPLACE CURB AND GUTTER
- (B) MATCH EXIST SIDEWALK
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INNOVATIVE TRANSPORTATION SOLUTIONS

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HAWTHORNE ST. & WOODHEAD ST.
NEIGHBORHOOD SAFE STREET
IMPROVEMENTS
WOODHEAD STREET
ROADWAY AND SIDEWALK PLAN
SHEET 3 OF 12

WBS NUMBER

N-T27000-0002-7

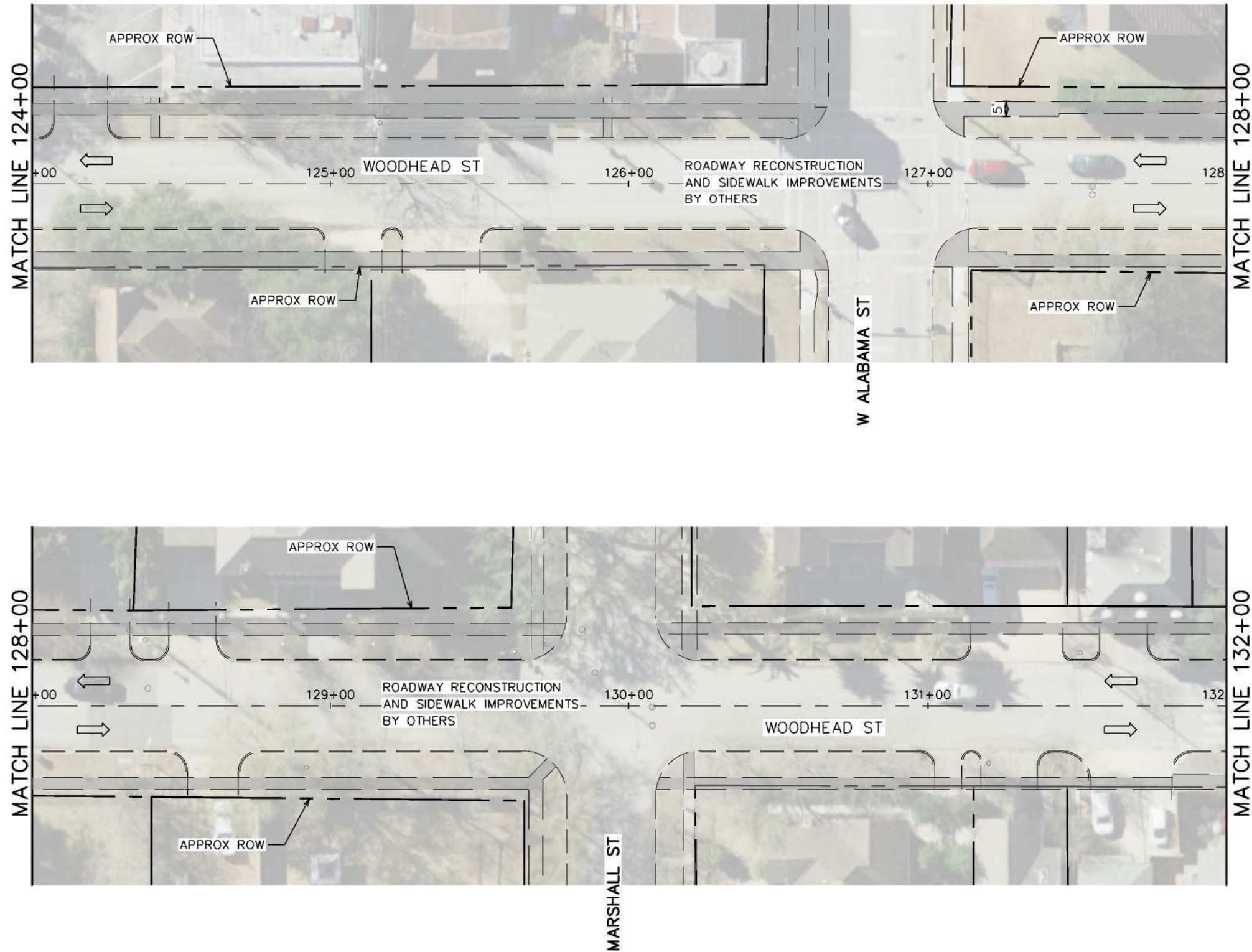
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CITY OF HOUSTON PM

SHAPOOR GOLSHAN

SHEET NO. 49 OF 247

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LEGEND

—

RIGHT-OF-WAY

→

EXISTING LANE

—

EXISTING CURB

—

EXISTING SIDEWALK/DRIVEWAY

■

EXISTING SIDEWALK TO REMAIN TO REMAIN

▨

EXISTING DETECTABLE WARNING

⊠

1.5 INCH ASPHALT MILL AND OVERLAY

■

PROPOSED CONCRETE MEDIAN

—

PROPOSED SIDEWALK

—

PROPOSED CURB AND GUTTER

—

PROPOSED DRIVEWAY

▨

PROPOSED DETECTABLE WARNING

Ⓐ

REMOVE AND REPLACE CURB AND GUTTER

Ⓑ

MATCH EXIST SIDEWALK

Ⓒ

ADJUST TO GRADE

Ⓓ

MATCH EXIST DRIVEWAY

0' 20' 40'

SCALE IN FEET

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Texas PE Firm Reg. #F-3158

SURVEYED BY:

11/16/2021

STATE OF TEXAS

SARAH L. WETMORE

130442

PROFESSIONAL ENGINEER

CITY OF HOUSTON

HOUSTON PUBLIC WORKS

HAWTHORNE ST. & WOODHEAD ST.

NEIGHBORHOOD SAFE STREET

IMPROVEMENTS

WOODHEAD STREET

ROADWAY AND SIDEWALK PLAN

SHEET 4 OF 12

WBS NUMBER

N-T27000-0002-7

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CITY OF HOUSTON PM

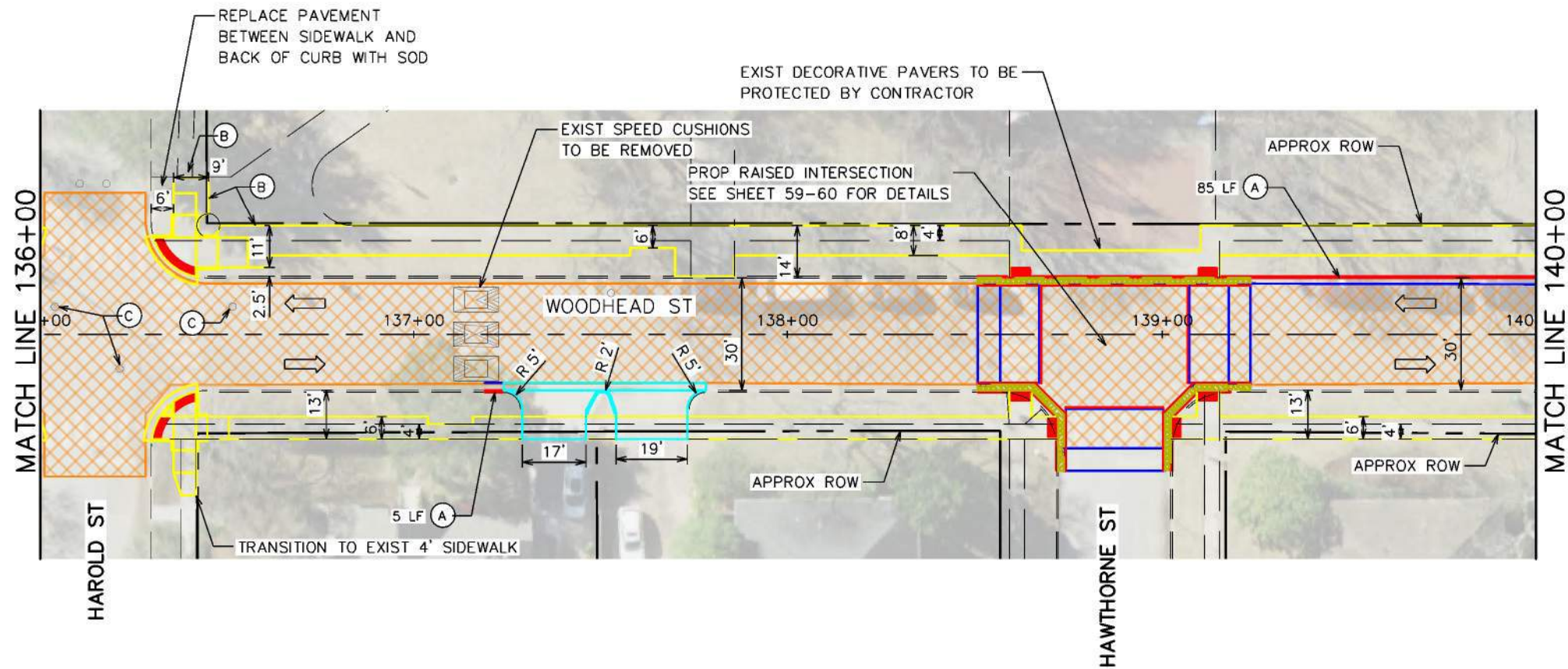
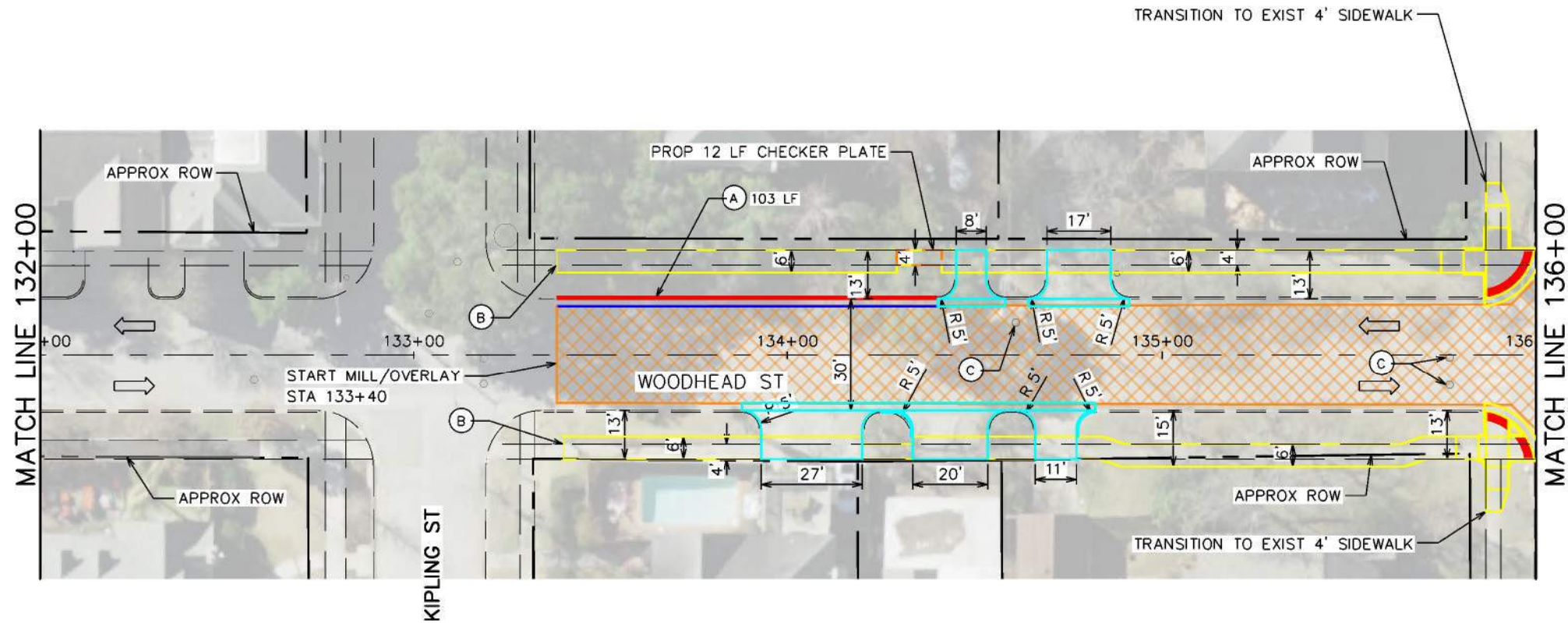
SHAPOOR GOLSHAN

SHEET NO. 50 OF 247

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Design File name: E:\Dropbox (Traffic Engineers)\Clients\Gauge Engineering\TIRZ 27 Montrose\Design Projects\Woodhaw\Design\PlanSet Sheets\Roadway and Sidewalk Plan - Sheet 4.dgn

NO. DATE REVISION APP.



LEGEND

—

RIGHT-OF-WAY

→

EXISTING LANE

—

EXISTING CURB

—

EXISTING SIDEWALK/DRIVEWAY

■

EXISTING SIDEWALK TO REMAIN

■

EXISTING DETECTABLE WARNING

■

1.5 INCH ASPHALT MILL AND OVERLAY

■

PROPOSED CONCRETE MEDIAN

—

PROPOSED SIDEWALK

—

PROPOSED CURB AND GUTTER

—

PROPOSED DRIVEWAY

■

PROPOSED DETECTABLE WARNING

(A)

REMOVE AND REPLACE CURB AND GUTTER

(B)

MATCH EXIST SIDEWALK

(C)

ADJUST TO GRADE

(D)

MATCH EXIST DRIVEWAY

0' 20' 40'

SCALE IN FEET

- NOTES
- ALL DISTANCES ARE APPROXIMATE.
 - ALL INTERSECTIONS AND DRIVEWAYS SHALL BE FEATHERED. SEE PROJECT MANUAL FOR MORE DETAILS.
 - PROPOSED SIDEWALK SHALL MATCH EXISTING SIDEWALK WIDTH, GRADE, CROSS-SLOPE AT CONNECTION POINTS. ADJUST ALL MANHOLES/RIMS/WATER VALVE BOXES/METER BOXES TO PROPOSED GRADE ELEVATION.
 - PROPOSED SIDEWALK SHALL BE CONSTRUCTED FLUSH WITH NATURAL GROUND. SIDEWALKS SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND MAXIMUM RUNNING SLOPE OF 5%.
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 - OVERLAY FINISHED SURFACE SHALL BE CONSTRUCTION FLUSH WITH EXISTING GUTTER. SEE SHEET 77.

TRAFFIC ENGINEERS, INC.
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801 CONGRESS ST, Suite 325
Houston, TX 77022
www.TrafficEngineers.com
Texas PE Firm Reg. #F-3158
SURVEYED BY:

Sarah L. Wetmore

11/16/2021

STATE OF TEXAS

SARAH L. WETMORE

130442

PROFESSIONAL ENGINEER

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
HAWTHORNE ST. & WOODHEAD ST.
NEIGHBORHOOD SAFE STREET
IMPROVEMENTS
WOODHEAD STREET
ROADWAY AND SIDEWALK PLAN
SHEET 5 OF 12

WBS NUMBER

N-T27000-0002-7

AS NOTED

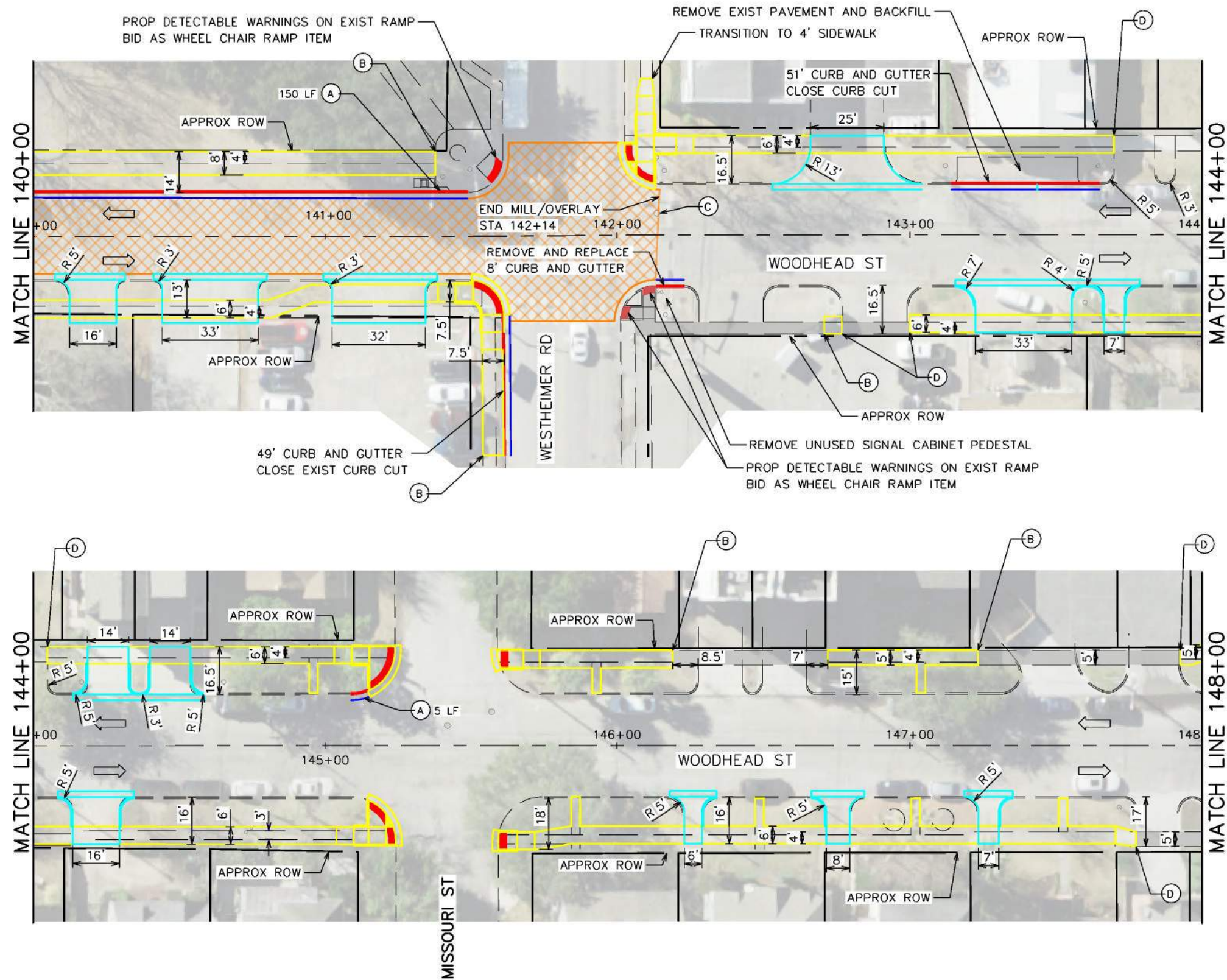
CITY OF HOUSTON PM

SHAPOOR GOLSHAN

SHEET NO. 51 OF 247

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LEGEND

- RIGHT-OF-WAY
- EXISTING LANE
- EXISTING CURB
- EXISTING SIDEWALK/DRIVEWAY
- EXISTING SIDEWALK TO REMAIN
- EXISTING DETECTABLE WARNING TO REMAIN
- 1.5 INCH ASPHALT MILL AND OVERLAY
- PROPOSED CONCRETE MEDIAN
- PROPOSED SIDEWALK
- PROPOSED CURB AND GUTTER
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(A) REMOVE AND REPLACE CURB AND GUTTER
(B) MATCH EXIST SIDEWALK
(C) ADJUST TO GRADE
(D) MATCH EXIST DRIVEWAY

0' 20' 40'
SCALE IN FEET

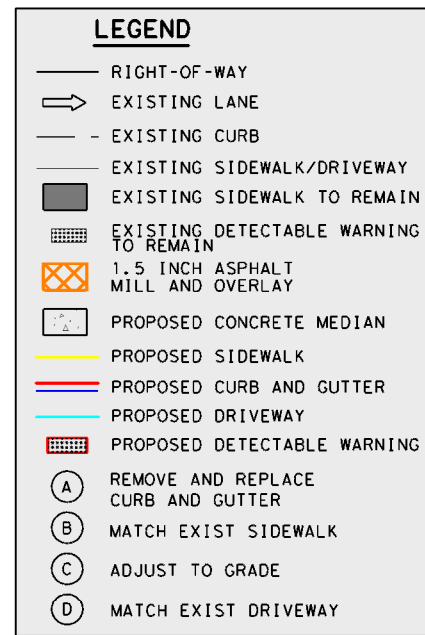
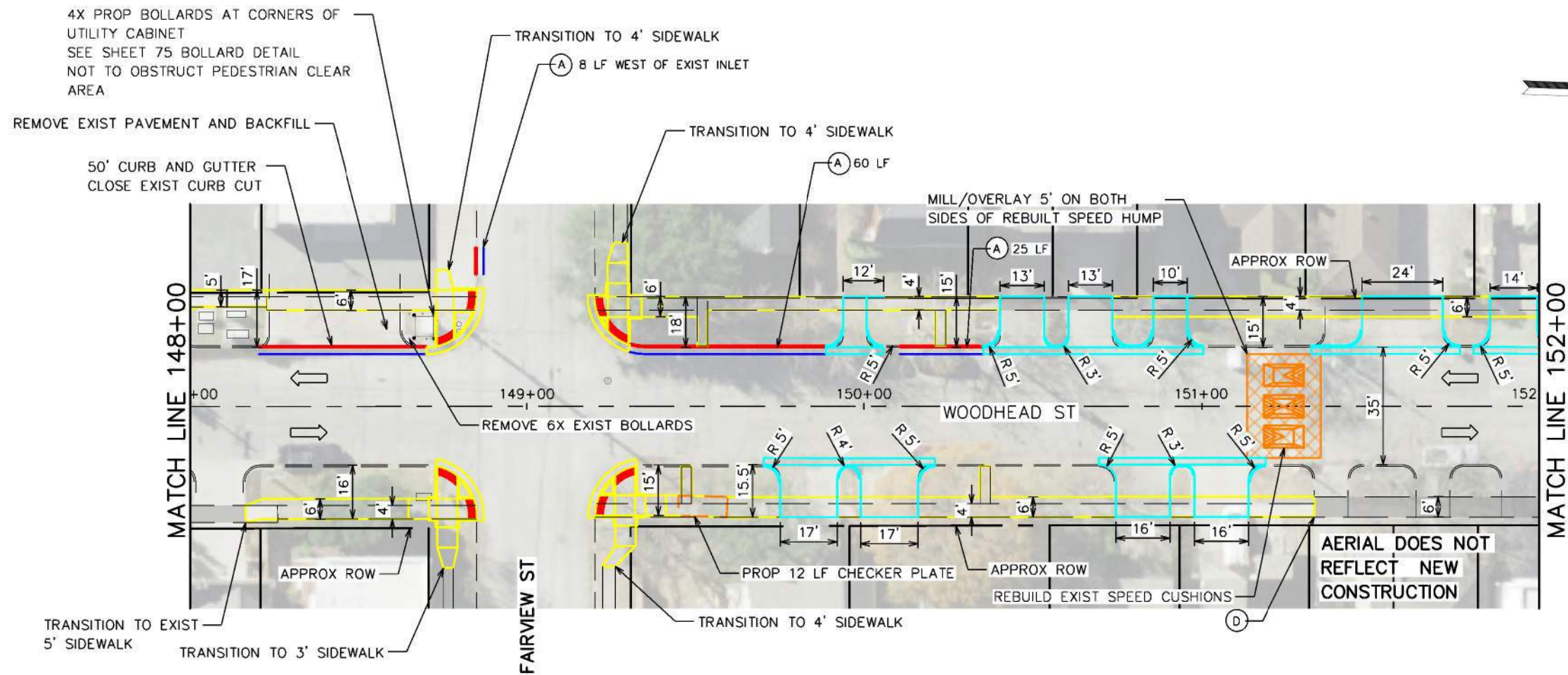
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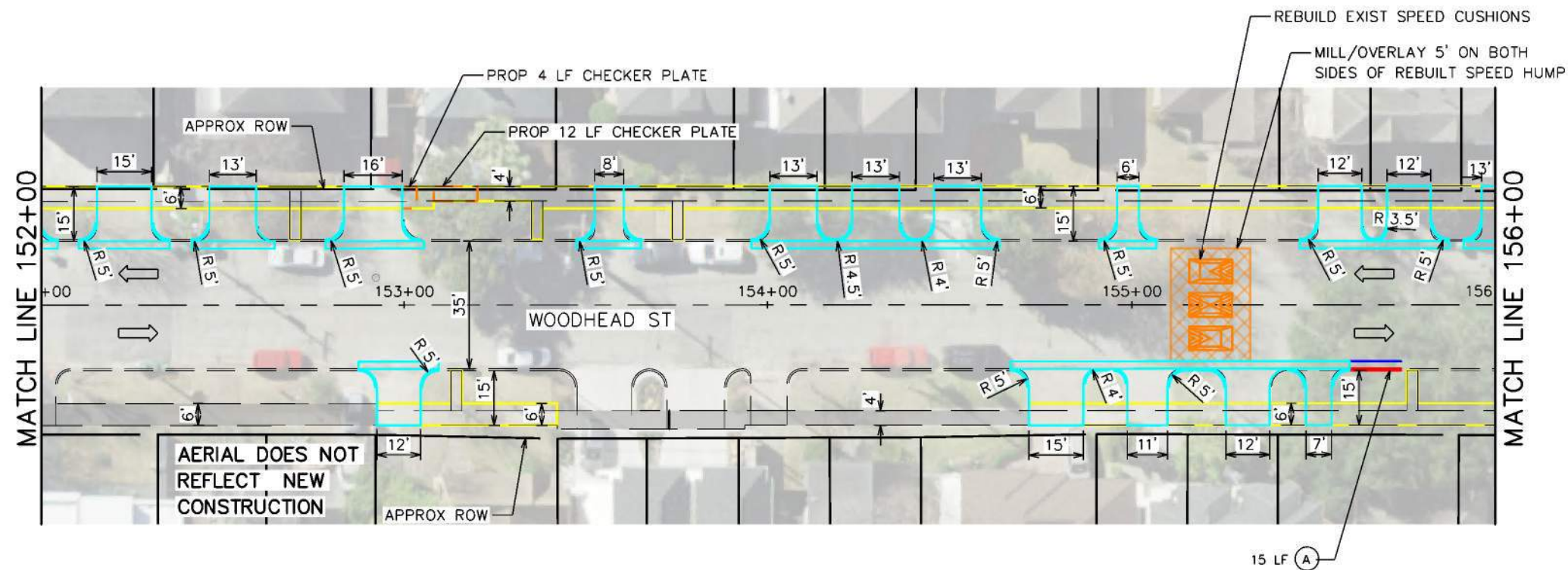
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SHEET 6 OF 12

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














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HAWTHORNE ST. & WOODHEAD ST. NEIGHBORHOOD SAFE STREET IMPROVEMENTS WOODHEAD STREET ROADWAY AND SIDEWALK PLAN SHEET 7 OF 12			
WBS NUMBER N-T27000-0002-7		FOR CITY OF HOUSTON USE ONLY	
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CITY OF HOUSTON PM			
SHAPOOR GOLSHAN			
SHEET NO. 53 OF 247			

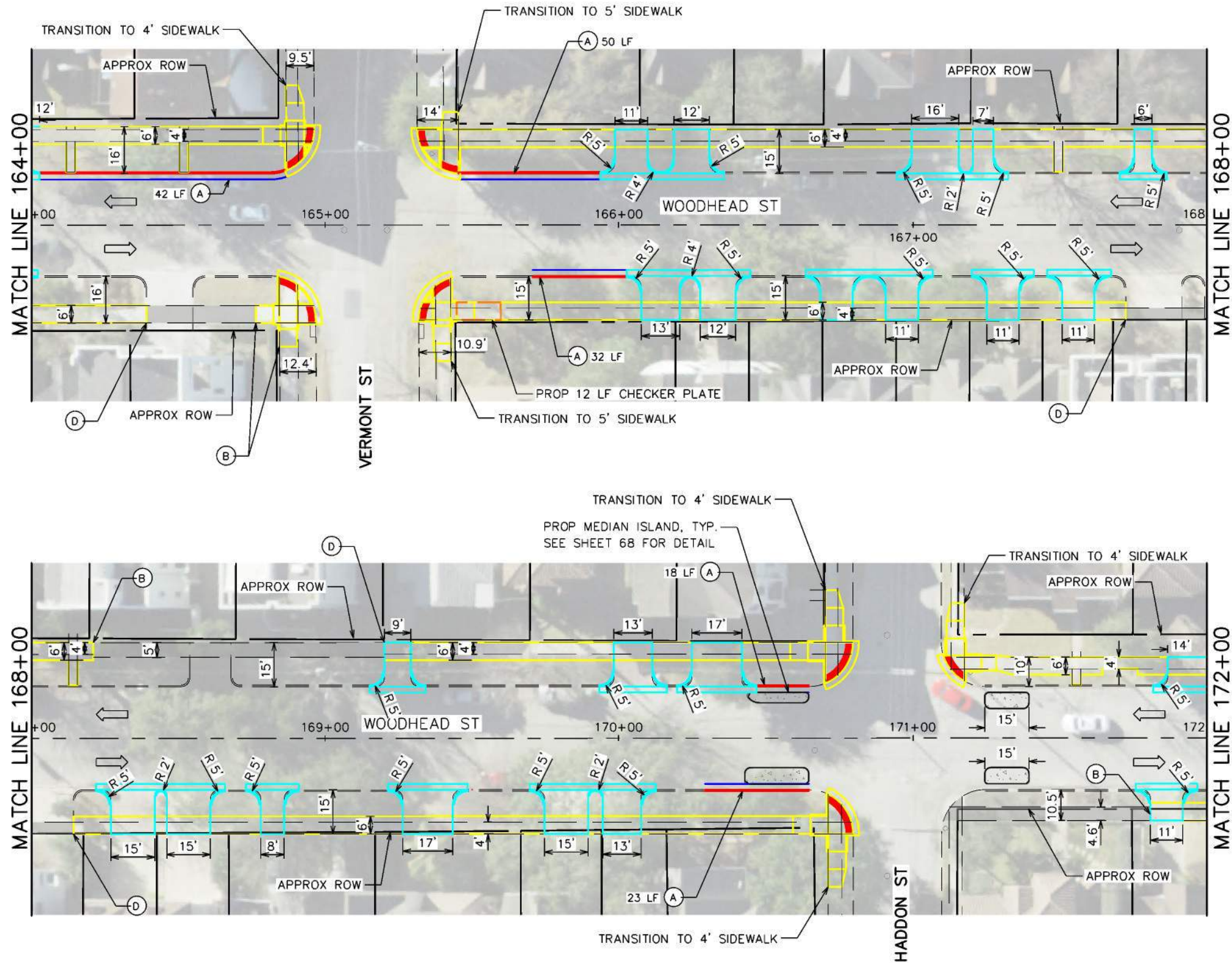


-  RIGHT-OF-WAY
-  EXISTING LANE
-  - EXISTING CURB
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A graphic scale bar with markings at 0', 20', and 40'. The bar is divided into four equal segments, each representing 10 feet. The first three segments are black, and the fourth is white. Below the bar, the text "SCALE IN FEET" is written.

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<p>WBS NUMBER</p>		<p>FOR CITY OF HOUSTON USE ONLY</p>	
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<p>AS NOTED</p>			
<p>CITY OF HOUSTON PM</p>			
<p>SHAPOOR GOLSHAN</p>			
<p>SHEET NO. 54 OF 247</p>			



LEGEND

- RIGHT-OF-WAY
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0' 20' 40'
SCALE IN FEET

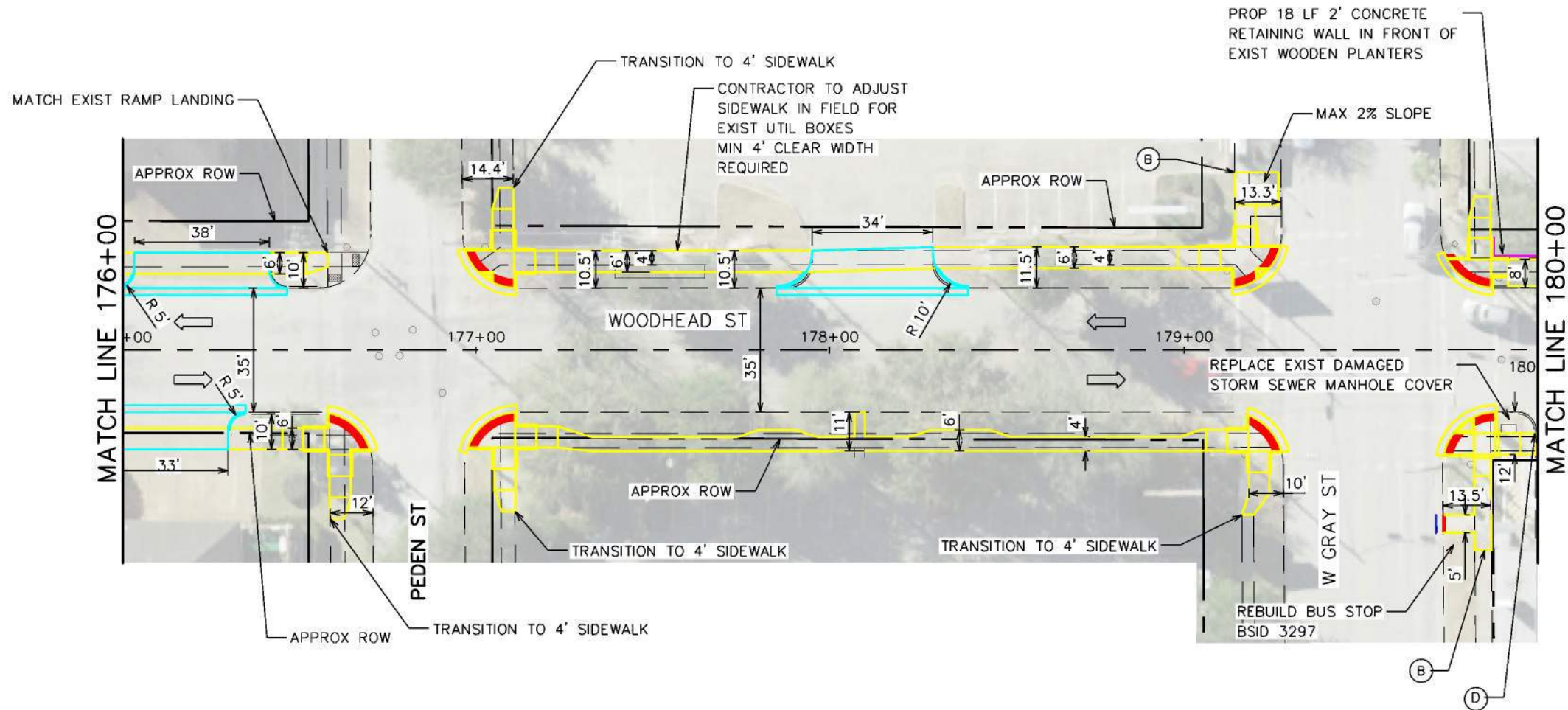
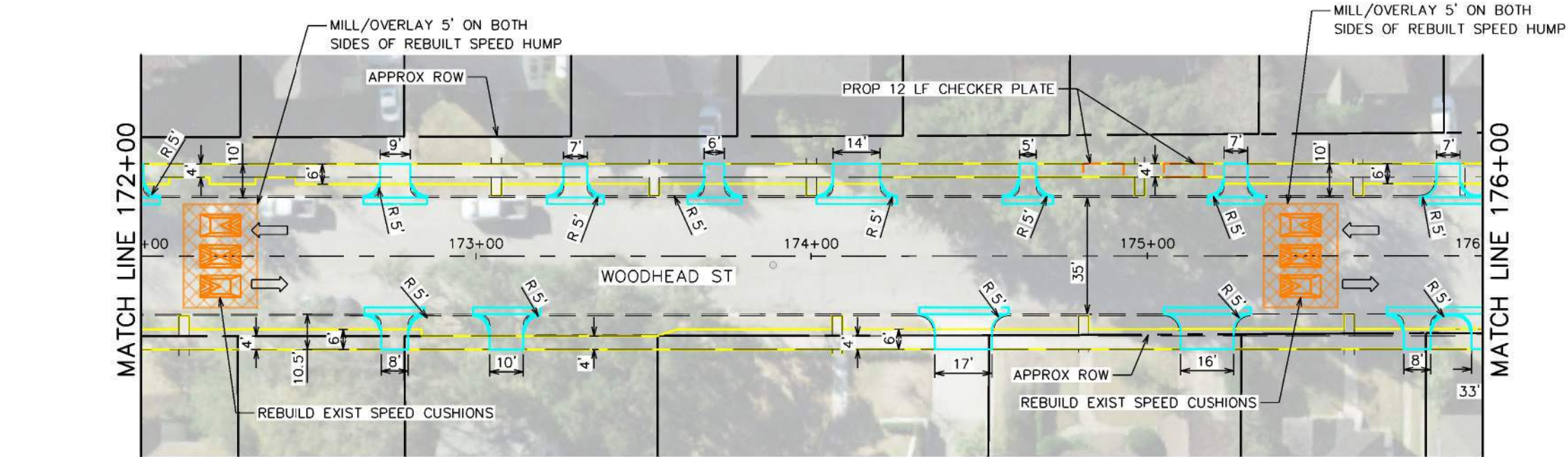
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SHEET 9 OF 12

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SHEET NO. 55 OF 247	



LEGEND

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0' 20' 40'
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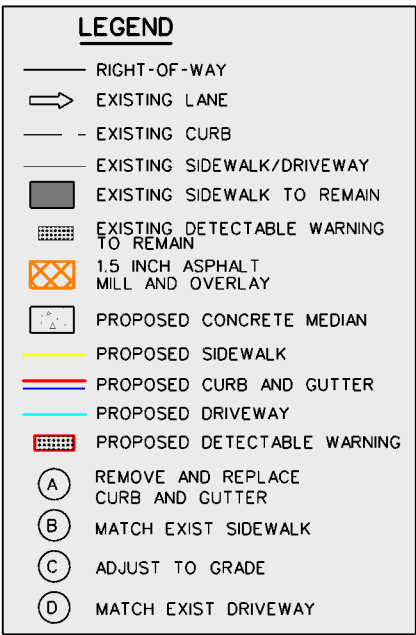
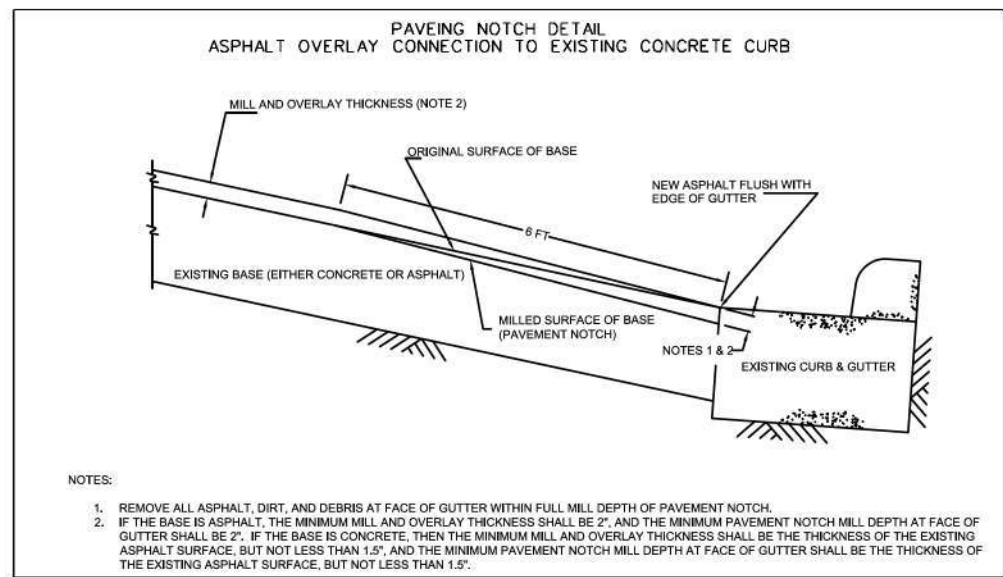
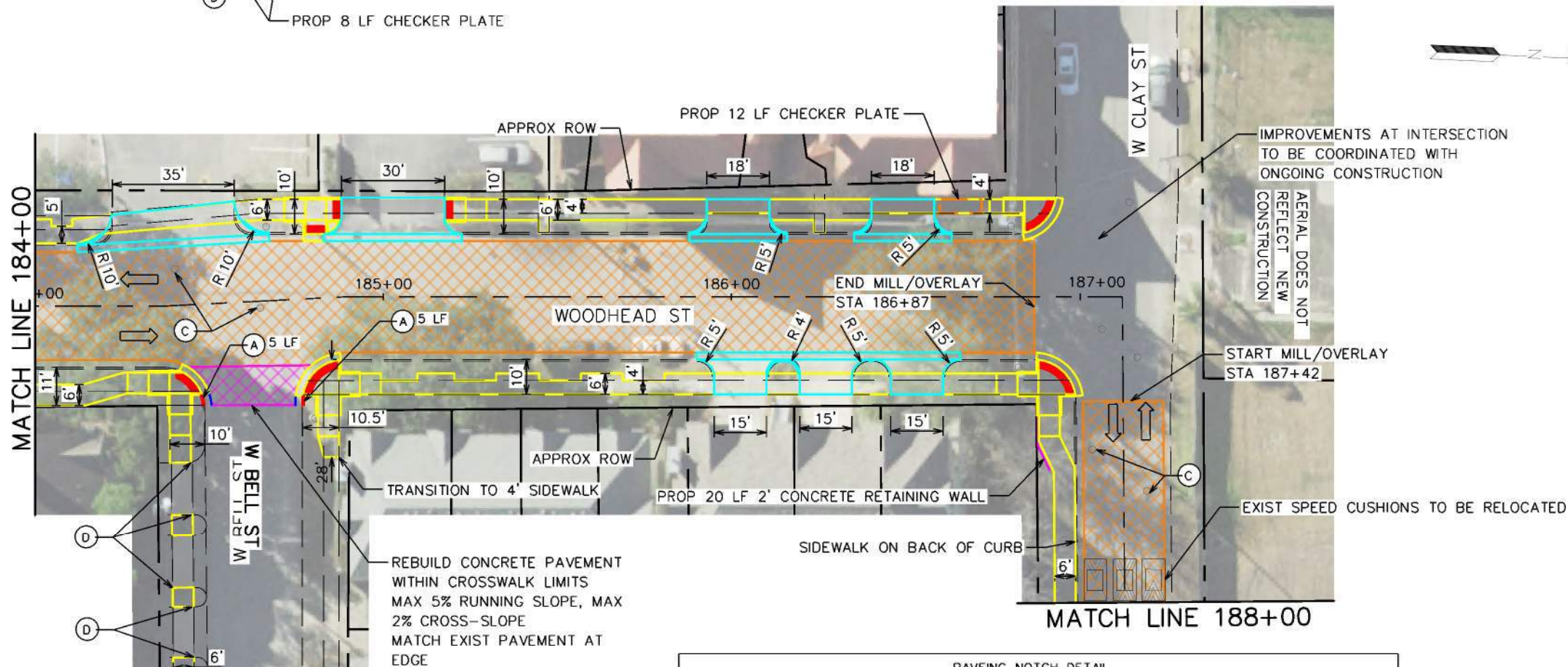
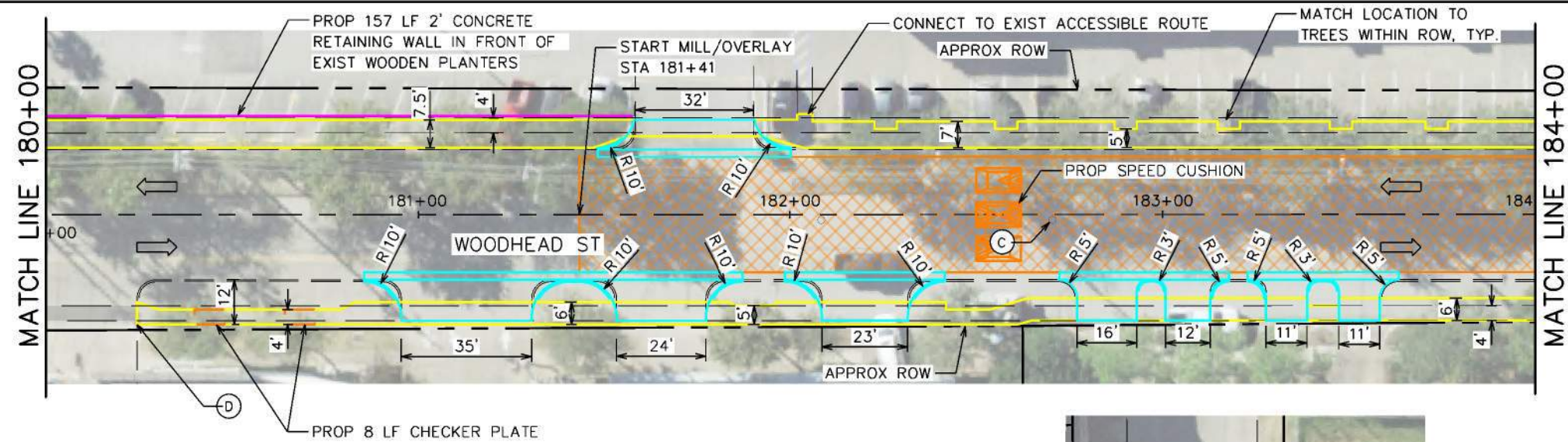
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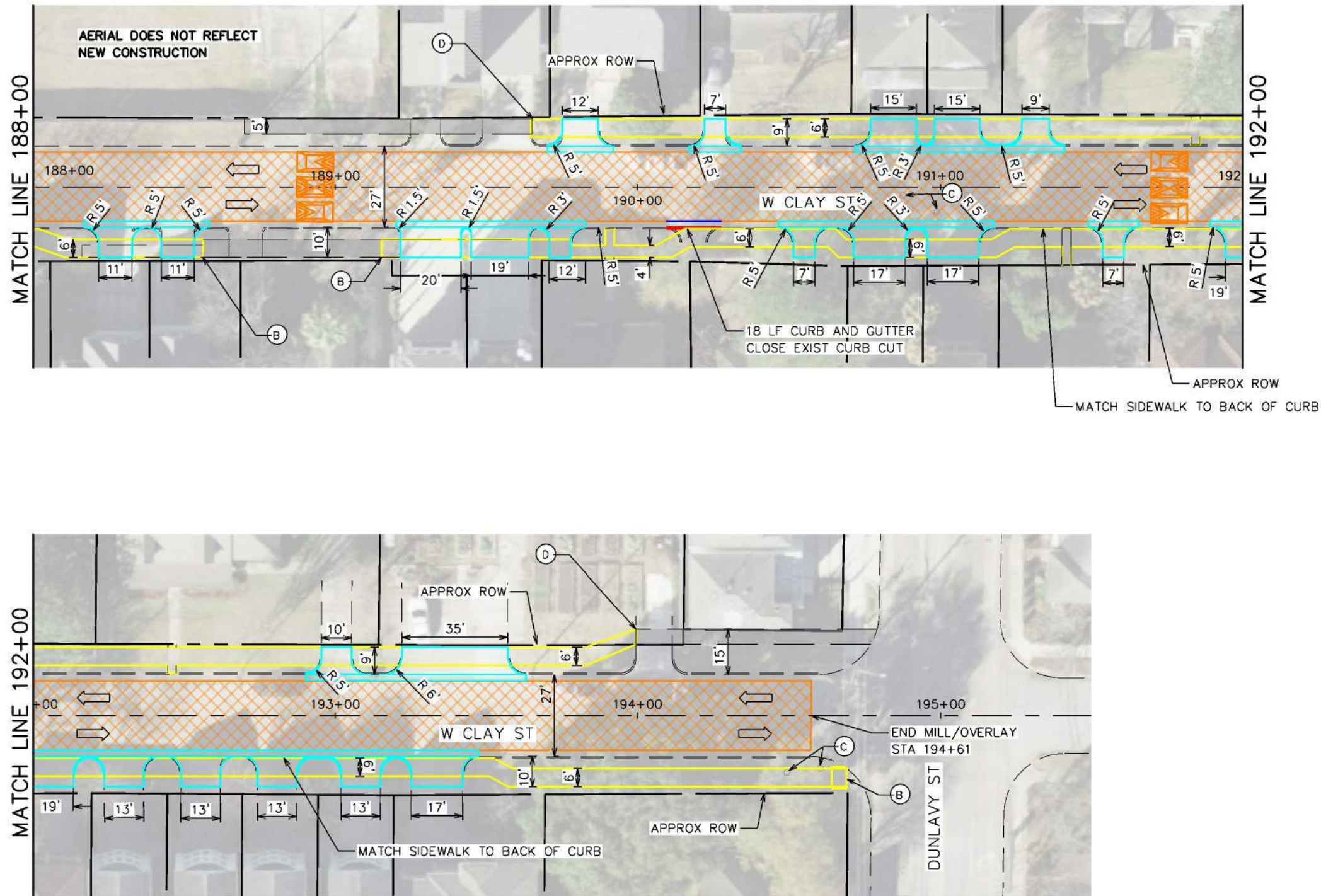
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SHAPOOR GOLSHAN	
SHEET NO. 57 OF 247	



LEGEND

—

RIGHT-OF-WAY

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EXISTING SIDEWALK/DRIVEWAY

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Sarah L. Wetmore

11/16/2021

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PROFESSIONAL ENGINEER

CITY OF HOUSTON

HOUSTON PUBLIC WORKS

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NEIGHBORHOOD SAFE STREET

IMPROVEMENTS

WOODHEAD STREET

ROADWAY AND SIDEWALK PLAN

SHEET 12 OF 12

WBS NUMBER

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