

To the Mayor and Members of the City Council**March 22, 2022**

Page 1 of 1

**SUBJECT: BELLAIRE DRIVE SOUTH RECONFIGURATION OF TRAVEL LANES AND DEDICATED BIKE LANES FOR SAFETY AND OPERATION**

The purpose of this Informal Report is to provide information regarding proposed changes to the travel lane configuration of Bellaire Drive South between Oakmont Boulevard and Bryant Irvin Road from a four-lane undivided roadway to a two-lane roadway with continuous center turn lane and dedicated bike lanes. This segment of Bellaire Drive is designated as a future on-street bicycle facility in the Bike and Trail Network map of the Active Transportation Plan.

In 2020 city staff received requests from the public for implementation of this future designated continuation of the bicycle lanes on Bellaire Drive South from Oakmont Boulevard to Bryant Irvin Road. Staff conducted a virtual community meeting on October 5, 2020, to receive public input on the project and reconfiguration of the street. Community input was supportive of the project. Staff does not anticipate negative impacts to vehicle capacity with the reconfiguration.

After the community meeting, staff met with representatives from St. Peter Antiochian Orthodox Church regarding parking on the street. Staff re-designed the project such that on-street parking will be accommodated in front of the church and its school to facilitate safe and legal parking with the addition of the bike lane. The striping changes will be complete by Summer 2022.

If you have any questions, please contact Kelly Porter, Assistant Director, Transportation and Public Works, Regional Transportation and Innovation Division, at 817-392-7259.

David Cooke
City Manager



NOTE:
 T = Total Distance of Object Measured in Feet
 A = Actual Paint Needed Per Object in Feet

INSTALL
6" Solid White = 347
6" Dashed White (ft) = 77
8" Solid White (ft) = 793
18" Solid White (ft) = 170
24" Solid White (ft) = 84
24" Sld Wh Contrast (ft) = 110
6" Solid Yellow = 1384
Type II-CR 4" RPM = 48
Type II-A-A 4" RPM = 18

PREP AND SEAL PAVEMENT
6" Markings (ft) = 1808
8" Markings (ft) = 793
18" Markings (ft) = 170
24" Markings (ft) = 194

REMOVE
4" Markings (ft) = 1098
8" Markings (ft) = 790
24" Markings (ft) = 194
Type 1-C 4" RPM = 176
Type II-CR 4" RPM = 128
Type II-A-A 4" RPM = 189

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SCALE

PROJECT ENG: Q. JOHNSON
 PHONE: 817-392-8618
 DRAWN BY: D. MEEHAN
 START DATE: Apr 23, 2021
 EST. COMPL.: Apr 23, 2021

NOTICE
 VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES

SCOPE: RESTRIPING FROM OAKMONT BOULEVARD TO BRYANT IRVIN ROAD

FORT WORTH

PROPOSED STRIPING LAYOUT

BELLAIRE DRIVE SOUTH

TOTAL LINEAR FEET OF STRIPING (MEASURED IN 6" WIDTH): 28135

SHEET 1 OF 7



6" Double Yellow (typ)
(T:109 ft - A:218 ft)
w/Type II-A-A 4" RPM (typ)
(3)

18" Solid
Yellow (typ)
(34 ft)

8" Solid White
(155 ft)
w/Type II-CR 4"
RPM (typ)
(8)

Lost Star Lane

6" Left Turn (typ)
Solid (928 ft)
Dashed (232 ft)
w/Type II-A-A 4"
RPM (typ)
(23)

Bike Lane
Page Total (typ)
6" Solid White
(1912 ft)
18" Solid White
(156 ft)
6" Dotted White
(T:200 ft - A:67 ft)

Bright Water Road

Bellaire Drive South

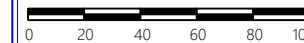
NOTE:
T = Total Distance of Object Measured in Feet
A = Actual Paint Needed Per Object in Feet

INSTALL
6" Solid White = 1912
6" Dotted White (ft) = 67
8" Solid White (ft) = 155
18" Solid White (ft) = 156
6" Solid Yellow = 1146
6" Dashed Yellow (ft) = 232
18" Solid Yellow (ft) = 34
Type II-CR 4" RPM = 8
Type II-A-A 4" RPM = 27
Bike Symbol = 3
Bike Arrow = 3

PREP AND SEAL PAVEMENT
6" Markings (ft) = 3357
8" Markings (ft) = 155
18" Markings (ft) = 190

REMOVE
Type I-C 4" RPM = 482
Type II-CR 4" RPM = 80
Type II-A-A 4" RPM = 290

SCALE



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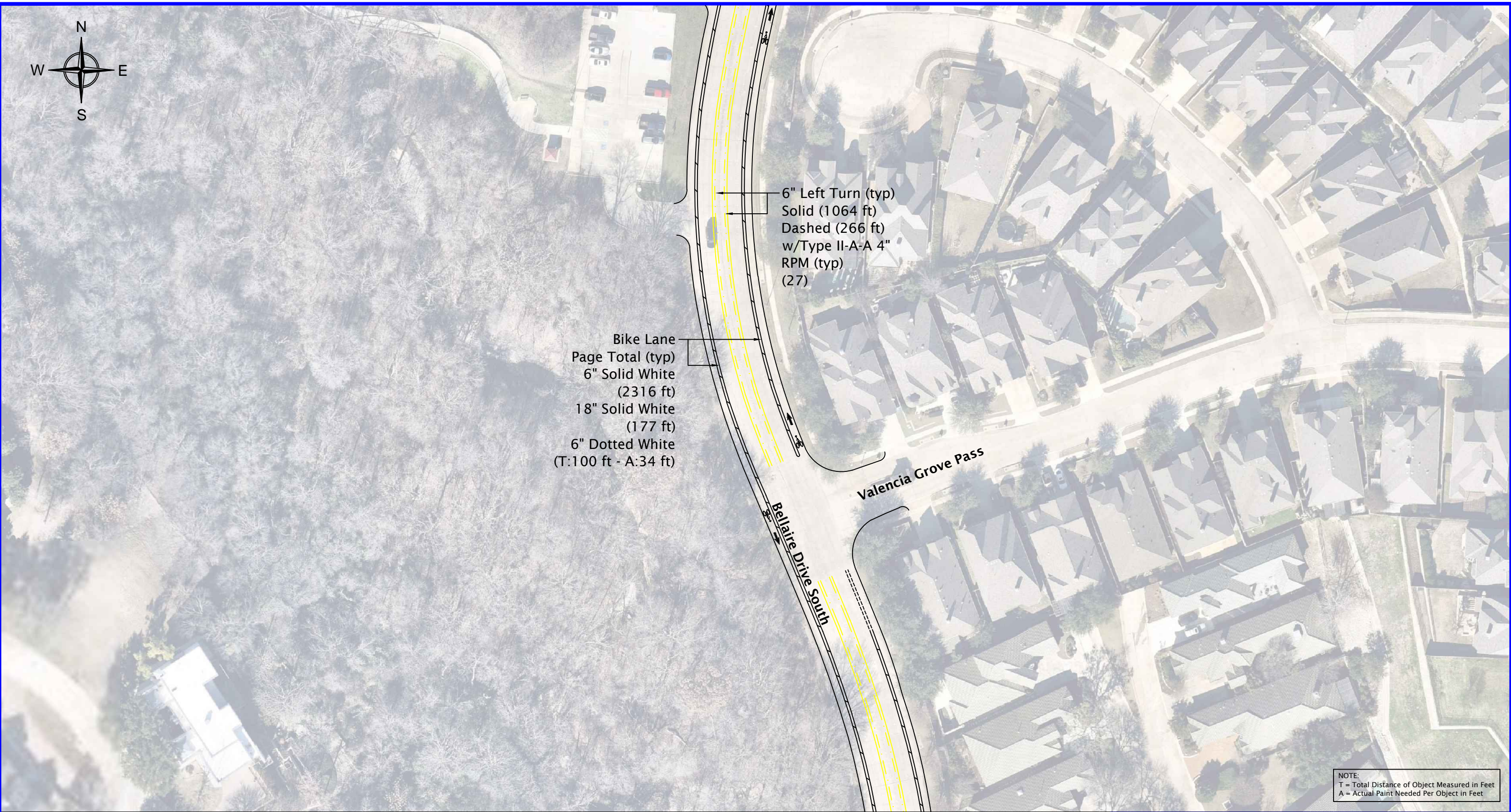


PROPOSED STRIPING LAYOUT

BELLAIRE DRIVE SOUTH

TOTAL LINEAR FEET OF STRIPING (MEASURED IN 6" WIDTH): 28135

SHEET 2 OF 7



6" Left Turn (typ)
 Solid (1064 ft)
 Dashed (266 ft)
 w/Type II-A-A 4" RPM (typ) (27)

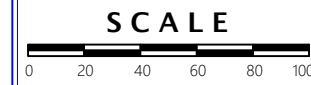
Bike Lane
 Page Total (typ)
 6" Solid White (2316 ft)
 18" Solid White (177 ft)
 6" Dotted White (T:100 ft - A:34 ft)

NOTE:
 T = Total Distance of Object Measured in Feet
 A = Actual Paint Needed Per Object in Feet

INSTALL
 6" Solid White = 2316
 6" Dotted White (ft) = 34
 18" Solid White (ft) = 177
 6" Solid Yellow = 1064
 6" Dashed Yellow (ft) = 266
 Type II-A-A 4" RPM = 27
 Bike Symbol = 3
 Bike Arrow = 3

PREP AND SEAL PAVEMENT
 6" Markings (ft) = 3680
 18" Markings (ft) = 177


REMOVE
 Type I-C 4" RPM = 300
 Type II-A-A 4" RPM = 250



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PROPOSED STRIPING LAYOUT

BELLAIRE DRIVE SOUTH

TOTAL LINEAR FEET OF STRIPING (MEASURED IN 6" WIDTH): 28135

SHEET 3 OF 7



Pebble Ridge Drive

6" Left Turn (typ)
 Solid (970 ft)
 Dashed (243 ft)
 w/Type II-A-A 4" RPM (typ)
 (24)

Bellaire Drive South

Bike Lane
 Page Total (typ)
 6" Solid White (1968 ft)
 18" Solid White (132 ft)
 6" Dotted White (T:100 ft - A:34 ft)

Parking (typ)
 6" Solid White (151 ft)

NOTE:
 T = Total Distance of Object Measured in Feet
 A = Actual Paint Needed Per Object in Feet

INSTALL
 6" Solid White = 2119
 6" Dotted White (ft) = 34
 18" Solid White (ft) = 132
 6" Solid Yellow = 970
 6" Dashed Yellow (ft) = 243
 Type II-A-A 4" RPM = 25
 Bike Symbol = 4
 Bike Arrow = 4

PREP AND SEAL PAVEMENT
 6" Markings (ft) = 3366
 18" Markings (ft) = 132

REMOVE
 Type I-C 4" RPM = 300
 Type II-A-A 4" RPM = 240

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PROPOSED STRIPING LAYOUT

BELLAIRE DRIVE SOUTH

TOTAL LINEAR FEET OF STRIPING (MEASURED IN 6" WIDTH): 28135

SHEET 4 OF 7



6" Left Turn (typ)
 Solid (1215 ft)
 Dashed (304 ft)
 w/Type II-A-A 4"
 RPM (typ)
 (30)

Parking (typ)
 6" Solid White
 (224 ft)

Bike Lane
 Page Total (typ)
 6" Solid White
 (1432 ft)
 18" Solid White
 (138 ft)
 6" Dotted White
 (T:200 ft - A:67 ft)

Hawthorne Park Drive

Bellaire Drive South

NOTE:
 T = Total Distance of Object Measured in Feet
 A = Actual Paint Needed Per Object in Feet

INSTALL
 6" Solid White = 1656
 6" Dotted White (ft) = 67
 18" Solid White (ft) = 138
 6" Solid Yellow = 1215
 6" Dashed Yellow (ft) = 304
 Type II-A-A 4" RPM = 31
 Bike Symbol = 2
 Bike Arrow = 2
 Bike Sharrow = 2

PREP AND SEAL PAVEMENT
 6" Markings (ft) = 3242
 18" Markings (ft) = 138
 Sharrow = 2

REMOVE
 Type I-C 4" RPM = 300
 Type II-A-A 4" RPM = 278

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PROPOSED STRIPING LAYOUT

BELLAIRE DRIVE SOUTH

TOTAL LINEAR FEET OF STRIPING (MEASURED IN 6" WIDTH): 28135

SHEET 5 OF 7



6" Left Turn (typ)
 Solid (1412 ft)
 Dashed (353 ft)
 w/Type II-A-A 4"
 RPM (typ)
 (35)

Bike Lane
 Page Total (typ)
 6" Solid White
 (2369 ft)
 18" Solid White
 (207 ft)
 6" Dotted White
 (T:192 ft - A:64 ft)

Bellaire Drive South

NOTE:
 T = Total Distance of Object Measured in Feet
 A = Actual Paint Needed Per Object in Feet

INSTALL
 6" Solid White = 2369
 6" Dotted White (ft) = 64
 18" Solid White (ft) = 207
 6" Solid Yellow = 1412
 6" Dashed Yellow (ft) = 353
 Type II-A-A 4" RPM = 36
 Bike Symbol = 2
 Bike Arrow = 2

PREP AND SEAL PAVEMENT
 6" Markings (ft) = 4198
 18" Markings (ft) = 207

REMOVE
 Type I-C 4" RPM = 335
 Type II-A-A 4" RPM = 300

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BELLAIRE DRIVE SOUTH

TOTAL LINEAR FEET OF STRIPING (MEASURED IN 6" WIDTH): 28135

SHEET 6 OF 7



Bike Lane
 Page Total (typ)
 6" Solid White
 (367 ft)
 18" Solid White
 (30 ft)

8" Solid White
 (150 ft)
 w/Type II-CR 4"
 RPM (typ)
 (8)

24" Stop Bar
 Total (typ)
 (128 ft)

8" Solid White
 (136 ft)
 w/Type II-CR 4"
 RPM (typ)
 (7)

6" Dashed White (typ)
 (T:837 ft - A:209 ft)
 w/Type II-CR 4" RPM (typ)
 (21)

6" Dashed White (typ)
 (T:769 ft - A:192 ft)
 w/Type II-CR 4" RPM (typ)
 (19)

8" Solid White
 (312 ft)
 w/Type II-CR 4"
 RPM (typ)
 (16)

24" Contrast
 Crosswalk Total
 (typ w/ 4 ft separation
 between bars)
 (310 ft)

NOTE:
 T = Total Distance of Object Measured in Feet
 A = Actual Paint Needed Per Object in Feet

INSTALL
 6" Solid White = 367
 6" Dashed White (ft) = 402
 8" Solid White (ft) = 598
 18" Solid White (ft) = 30
 24" Solid White (ft) = 128
 24" Sld Wh Contrast (ft) = 310
 Type II-CR 4" RPM = 72
 Bike Symbol = 1
 Bike Arrow = 1

PREP AND SEAL PAVEMENT
 6" Markings (ft) = 769
 8" Markings (ft) = 598
 18" Markings (ft) = 30
 24" Markings (ft) = 438

REMOVE
 4" Markings (ft) = 402
 8" Markings (ft) = 598
 24" Markings (ft) = 438
 Type II-CR 4" RPM = 72

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SHEET 7 OF 7