

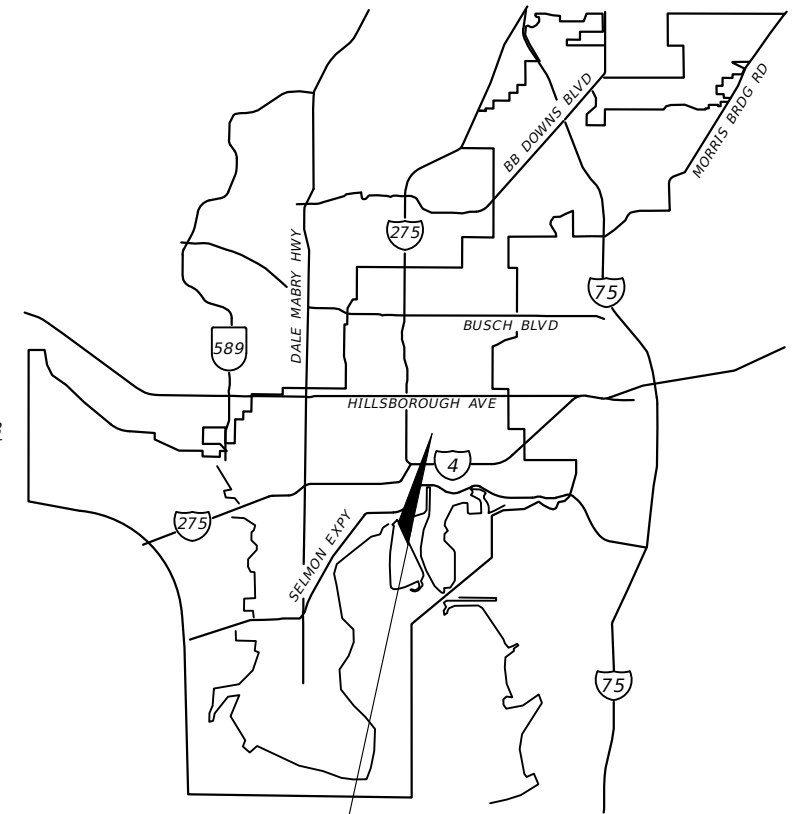
INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEYSHEET
2	QUANTITIES
3	DETAILS
4	SIGN DETAIL
5-6	PLAN NOTES

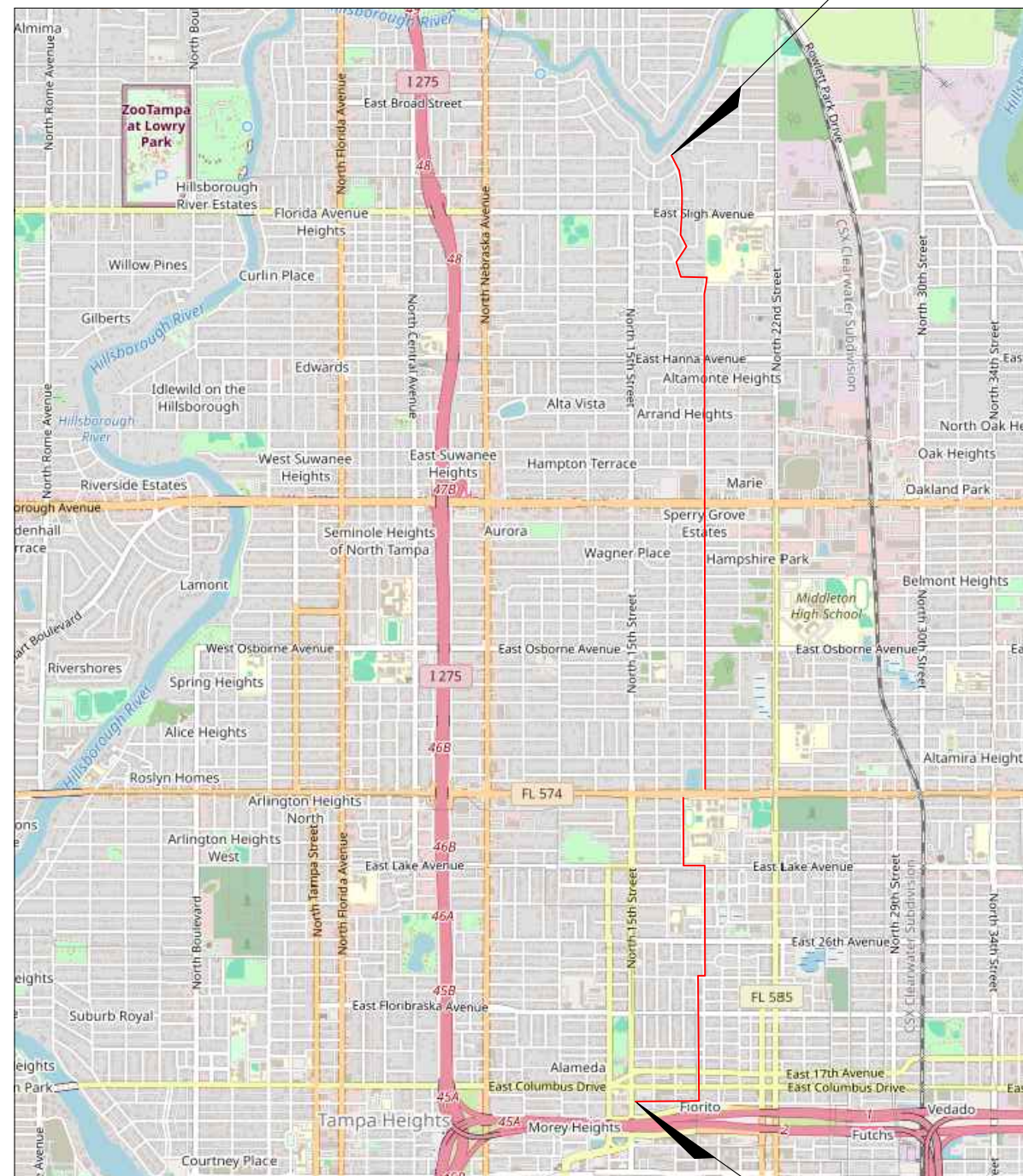
CITY OF TAMPA MOBILITY DEPARTMENT

NEIGHBORHOOD GREENWAYS - 18th & 19th Street

SIGNING AND PAVEMENT MARKING PLANS

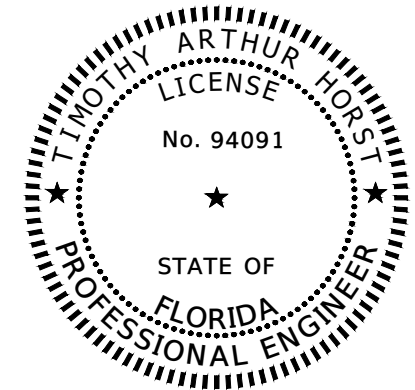


Project Location



Ending of Project 209+33

Beginning of Project 10+00



18TH & 19TH
ENGINEER OF RECORD:

TIMOTHY ARTHUR HORST

CITY OF TAMPA PROFESSIONAL ENGINEER
TRANSPORTATION AND STORMWATER SERVICES
DEPARTMENT
306 E JACKSON ST
TAMPA, FLORIDA 33602
CONTRACT NO.:
VENDOR NO.:
CERTIFICATE OF AUTHORIZATION NO.:

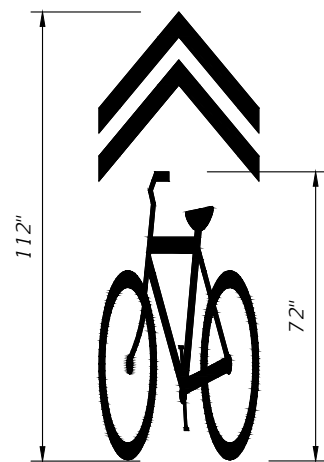
CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T-0000	2024	1

GOVERNING STANDARDS AND SPECIFICATIONS
FLORIDA DEPARTMENT OF TRANSPORTATION FY
2024-25 DESIGN STANDARDS AND REVISED
INDEX DRAWING AS APPENDED HEREIN, AND
FY 2024-25 STANDARD SPECIFICATIONS FOR
ROAD AND BRIDGE CONSTRUCTION, AS
AMENDED BY CONTRACT DOCUMENTS AND THE
CITY OF TAMPA.

TABULATION OF QUANTITIES

<i>PAY ITEM NO.</i>	<i>DESCRIPTION</i>	<i>UNIT</i>	<i>TOTAL</i>
	<i>SIGN ASSEMBLY OR PANEL REMOVE</i>	<i>EA</i>	<i>12</i>
	<i>REPLACE SIGN PANELS</i>	<i>EA</i>	<i>27</i>
	<i>ADD SIGN PANEL</i>	<i>EA</i>	<i>9</i>
	<i>SINGLE POST SIGN, LESS THAN 12SF</i>	<i>EA</i>	<i>1</i>
	<i>TRAFFICLOGIX BOLT DOWN SPEED CUSHION</i>	<i>EA</i>	<i>70</i>
	<i>WHITE, MESSAGE, STANDARD SHARROW</i>	<i>EA</i>	<i>147</i>
	<i>WHITE, MESSAGE, MODIFIED SHARROW TYPE 'A'</i>	<i>EA</i>	<i>6</i>
	<i>WHITE, MESSAGE, MODIFIED SHARROW TYPE 'B'</i>	<i>EA</i>	<i>12</i>
	<i>WHITE, MESSAGE, MODIFIED SHARROW TYPE 'C'</i>	<i>EA</i>	<i>2</i>

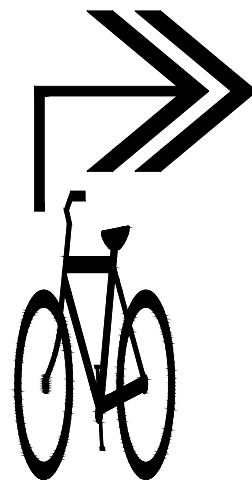
<i>REVISIONS</i>				TIMOTHY ARTHUR HORST, P.E. P.E. LICENSE NUMBER 94091 CITY OF TAMPA 306 E. JACKSON ST TAMPA, FL 33602 CERTIFICATE OF AUTHORIZATION ----	CITY OF TAMPA MOBILITY DEPARTMENT			<i>QUANTITIES</i>	SHEET NO.
<i>DATE</i>	<i>DESCRIPTION</i>	<i>DATE</i>	<i>DESCRIPTION</i>		<i>ROAD NO.</i>	<i>COUNTY</i>	<i>FINANCIAL PROJECT ID</i>		2
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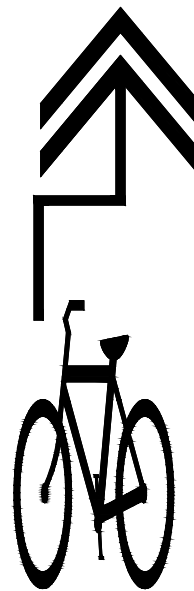
STANDARD SHARROW



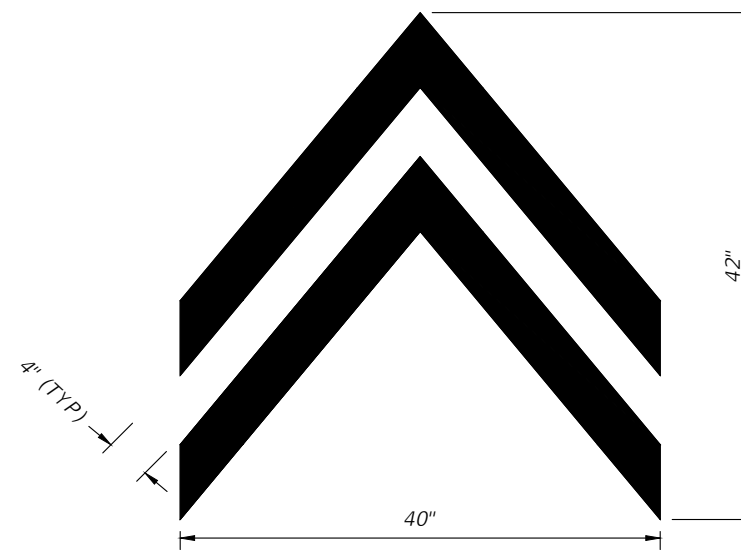
MODIFIED TYPE 'A' SHARROW



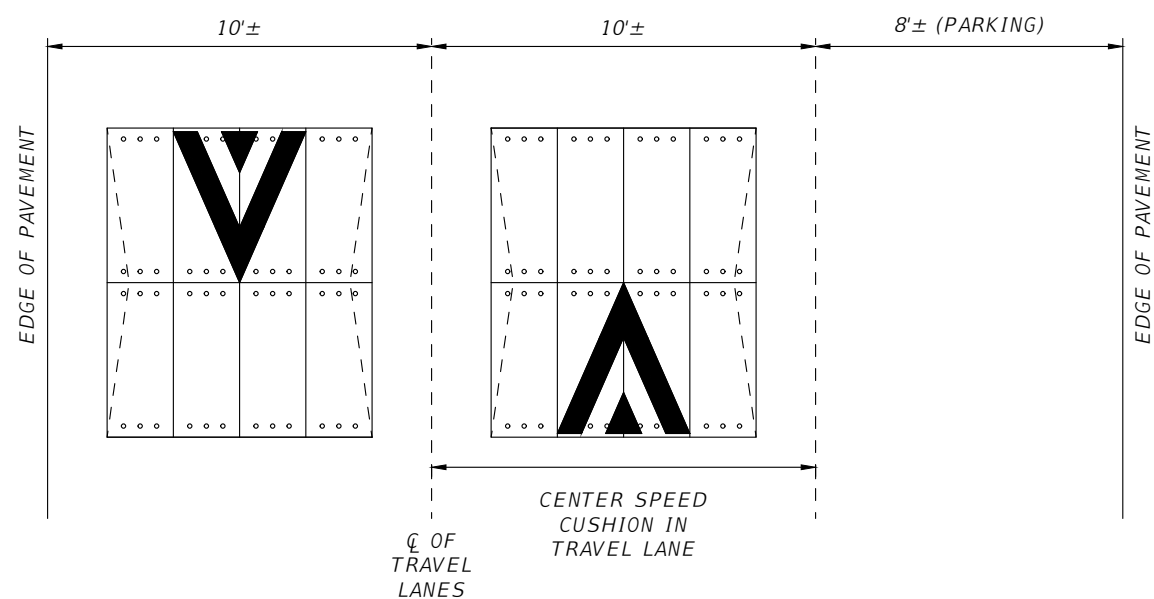
MODIFIED TYPE 'B' SHARROW



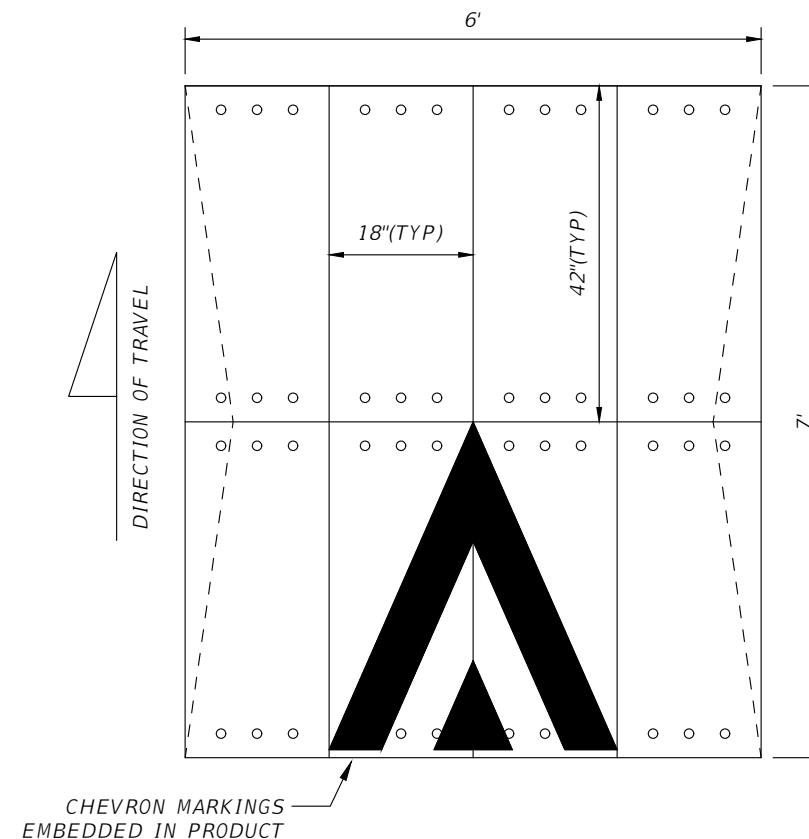
MODIFIED TYPE 'C' SHARROW



STANDARD SHARROW LINES



SPEED CUSHION DETAIL FOR 18TH ST FROM 26TH AVE TO 28TH AVE



TRAFFICLOGIX - SPEED CUSHION (SC-070603-M) DETAIL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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TIMOTHY ARTHUR HORST, P.E.
 P.E. LICENSE NUMBER 94091
 CITY OF TAMPA
 306 E. JACKSON ST
 TAMPA, FL 33602
 CERTIFICATE OF AUTHORIZATION ----

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
18TH & 19TH	HILLSBOROUGH	----

DETAILS

SHEET NO.
3



NEIGHBORHOOD GREENWAY SIGN DETAIL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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TIMOTHY ARTHUR HORST, P.E.
P.E. LICENSE NUMBER 94091
CITY OF TAMPA
306 E. JACKSON ST
TAMPA, FL 33602
CERTIFICATE OF AUTHORIZATION ----

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
18TH & 19TH	HILLSBOROUGH	----

SIGN DETAIL

SHEET NO.
4

Installation Details:

1. The scope of work shall be completed in numerical order to prevent conflicting placements of items and provide appropriate speed limit for speed cushions.
2. All painted shared lane markings shall use two coats of paint.
3. See detail sheet 3 for types A, B, and C of the modified shared lane markings. Left turn markings will be called out using the same types. Ensure the correct type and direction is used prior to installation.
4. Bolt down speed cushions are to be centered in the travel lane unless otherwise noted.
5. Shared lane markings are to be centered in the travel lane.
6. When possible, offset the shared lane markings in each direction so they are not adjacent to each other.

Scope of Work:

1. Remove 25 mph sign panels and yellow conspicuity panels (if present) and install 20 mph sign panels with neighborhood greenway subpanels over the following limits:

On 15th Ave from 15th St to 21st St

On 18th St from 15th Ave to 24th Ave.

On 18th St from 24th Ave to Lake Ave.

On 17th St from Lake Ave to MLK Jr Blvd. (See note 1, page 6 for additional scope of work.)

On 19th St from MLK Jr Blvd to Diana St. (See note 2, page 6 for additional scope of work.)

On Diana St from 15th St to 19th St.

On 18th St from Hillside Dr to Park Cir.

2. Install a neighborhood greenway sign panel on the back side of the following stop signs, centered so that there is no overlap with the octagon stop sign shape. (See Sign Detail Sheet 4)

15th Ave and 18th St.

18th St and 24th Ave (south of 24th Ave).

18th St and 24th Ave (north of 24th Ave. Note this is a circular post).

Escort Ave and Diana St.

Escort Ave and Hillside Dr (On Hillside Dr stop sign).

18th St and Hillside Dr.

18th St and Park Cir (On all 3 stop signs)

3. Install a pair of bolt down speed cushions (SC) at the following locations:

SC#1) On 18th St 200' north of 26th Ave EOP. Assume a 8' parking lane on east side of road. (See detail sheet 3)

SC#2) On 18th St 290' north of speed cushion #1 (measured from center of speed cushion). Assume a 8' parking lane on east side of road. (See detail sheet 3)

SC#3) On 18th St 290' north of speed cushion #2 (See detail sheet 3)

SC#4) On 18th St 285' north of speed cushion #3 (See detail sheet 3)

SC#5) On 17th St 125' north of Lake Ave EOP.

SC#6) On 17th St 270' north of speed cushion #5.

SC#7) On 17th St 200' north of the SB stop bar with the intersection of 32nd Ave.

SC#8) On 17th St 250' north of speed cushion #7

SC#9) On 19th St 215' north of Osborne Ave EOP.

SC#10) On 19th St 245' north of speed cushion #9.

SC#11) On 19th St 235' north of speed cushion #10.

SC#12) On 19th St 260' north of speed cushion #11 (between Ellicott St & Caracas St).

SC#13) On 19th St 280' north of speed cushion #12.

SC#14) On 19th St 265' north of speed cushion #13.

SC#15) On 19th St 265' north of speed cushion #14 (Between Shadowlawn Ave & Shadowlawn Ave.

SC#16) On 19th St 280' north of speed cushion #15.

SC#17) On 19th St 60' north of Mohawk Ave EOP.

SC#18) On 19th St 210' north of speed cushion #17.

SC#19) On 19th St 240' north of speed cushion #18.

SC#20) On 19th St 240' north of speed cushion #19.

SC#21) On 19th St 250' north of Henry Ave EOP.

SC#22) On 19th St 275' north of speed cushion #21.

SC#23) On 19th St 260' north of speed cushion #22.

SC#24) On 19th St 275' north of speed cushion #23.

SC#25) On 19th St 210' north of Hanna Ave EOP.

SC#26) On 19th St 210' north of speed cushion #25.

SC#27) On 19th St 275' north of speed cushion #26.

SC#28) On 19th St 280' north of speed cushion #27.

SC#29) On Diana St 300' east of 15th St EOP.

SC#30) On Diana St 275' east of speed cushion #29.

SC#31) On Diana St 200' east of speed cushion #30.

SC#32) On Diana St 240' east of speed cushion #31.

SC#33) On 18th St 295' north of Sligh Ave EOP.

SC#34) On 18th St 255' north of speed cushion #33.

SC#35) On 18th St 280' north of speed cushion #34.

REVISIONS				TIMOTHY ARTHUR HORST, P.E. P.E. LICENSE NUMBER 94091 CITY OF TAMPA 306 E. JACKSON ST TAMPA, FL 33602 CERTIFICATE OF AUTHORIZATION ----	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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PLAN NOTES

4. Remove signs at the following locations:

17th St & 32nd Ave remove both NB & SB stop ahead warning signs for the all way stop.
 Remove stop ahead warning sign for all way stop at 19th & Hanna Ave for NB vehicles.
 Remove both pedestrian ahead warning signs for the crosswalk at 19th St & Mohawk Ave.
 Remove stop ahead warning sign for NB traffic for all way stop at Giddens Ave.
 Remove both stop ahead warning signs for all way stop at 19th & Henry Ave.
 Convert all way stop at 19th & Fern St to a two-way stop. EB stop sign for Fern St to remain. Eradicate NB & SB stop bars and remove NB & SB stop signs. Remove both NB & SB stop ahead warning signs

5. Install modified shared lane markings at the following intersections:

At 18th St & 15th Ave install type B for a southbound right turn and a east bound left turn.
 At 18th St & 24th Ave install type B for a northbound right turn and a west bound left turn.
 At 18th St/ Owen St & 24th Ave install type B for a southbound right turn and an east bound left turn.
 At 18th St & Lake Ave install type B for a northbound left turn and eastbound right turn.
 At 17th St & Lake Ave install type B for a southbound left turn and a westbound right turn.
 At 17th St & MLK install type C for a northbound right then left.
 At 19th St & MLK install type C for a southbound right then left.
 At Diana St & Escort Ave install type B for a westbound right turn and a southbound left turn.
 At Escort Ave & Hillside Dr install type A for a northbound right turn (have arrow pointing towards Hillside Dr) and a southbound left turn (have arrow pointing towards Escort Ave).
 At Hillside Dr & Lyman Ave install type A for a northbound left turn and a southbound right turn.
 At Hillside Dr & 18th St install type A for a northbound right turn and a southbound left turn.

6. Install standard Sharrows immediately after intersections and at a maximum spacing of 250 to 300 feet in each direction of travel over the following limits:

On 15th Ave from 15th St to 18th St.
 On 18th St from 15th Ave to 24th Ave.
 On 18th St from 24th Ave to Lake Ave.
 On Lake Ave from 18th St to 17th St.
 On 17th St from Lake Ave to MLK Jr Blvd.
 On 19th St from MLK Jr Blvd to Diana St.
 On Diana St from 19th St to Escort Ave.
 On Escort Ave from Diana St to Knollwood St.
 On Hillside Dr from Knollwood St to 18th St.
 On 18th St from Hillside Dr to Park Cir.

7. Eradicate the thermoplastic number '5' in '25 MPH' pavement message and install the number '0' in '20 MPH' at the following locations:

Immediately north of Hillsborough Ave
 Immediately south of Hanna Ave

Note:

- Over these limits there are two 20 mph school signs with "When children are present" subpanels. Remove these signs and install a 20 mph speed limit sign, a neighborhood greenway sign, and a begin school zone sign on both sign posts.
- Install a new 20 mph speed limit sign with a neighborhood greenway sub panel 40' south of Hillsborough Ave EOP for SB traffic.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		6
----	----				18TH & 19TH	HILLSBOROUGH	----		