C: Dir., Public Works

City of NORFOLK

To the Honorable Council
City of Norfolk, Virginia

May 13, 2014

From: John M. Keifer, Director of Public Works

Reviewed: Ronald H. Williams, Jr., Assistant City Manager

Subject: Traffic Control Signs – Various Locations (22)

Ward/Superward: 1/6, 2/6, 3/7, 4/7, 5/6

Approved: Marcus D. Jones, City Manager

Item Number: **R-6**

I. **Recommendation:** Adopt Ordinance

II. **Applicant:** City of Norfolk, Department of Public Works

III. **Description**

This agenda item is in response to requests from area residents, various civic leagues, and independent assessments. The Department of Public Works-Division of Transportation has conducted investigations regarding the posting of traffic control signs at the locations listed below and recommends the following amendments to the Norfolk City Code to reflect changes to existing regulations at these locations:

Location	Proposed Amendment
1. Argonne Avenue at its intersection with Tait Terrace.	Repeal Yield
2. Broadfield Road at its intersection with Grove Avenue.	Repeal Yield
3. Croyden Road at its intersection with Grove Avenue.	Repeal Yield
4. Grove Avenue at its intersection with Sunset Drive.	Repeal Yield
5. 27th Bay Street at its intersection with Willben Street.	Repeal Stop
6. Colley Avenue Frontage roads shall be a one-way street, for southbound traffic only, from W 25th Street to W 24th Street.	Add One-way street

810 Union Street #1101 ▪ Norfolk, Virginia 23510
Phone: 757-664-4242 ▪ Fax: 757-664-4239

7. Somme Avenue at its intersection with Silber Road.	Add Yield
8. Argonne Avenue at its intersection with Tait Terrace.	Add Stop
9. Broadfield Road at its intersection with Grove Avenue.	Add Stop
10. Croyden Road at its intersection with Grove Avenue.	Add Stop
11. Esquire Street at its intersection with Grove Avenue.	Add Stop
12. Grove Avenue at its intersection with Sunset Drive.	Add Stop
13. Hale Street at its intersection with Rugby Street.	Add Stop
14. Kathy Court at its intersection with Sheppard Avenue.	Add Stop
15. Longwood Drive at its intersection with Bluestone Avenue.	Add Stop
16. North View Boulevard at its intersection with Seafarer Avenue.	Add Stop
17. Willben Street at its intersection with 27th Bay Street.	Add Stop
18. Marsh Street, between Berkley Avenue Extension and Indian River Road.	Add No Trucks 1 ½ tons or over
19. Hanson Avenue, between Virginia Beach Boulevard and Booth Street.	Add No Trucks 1 ½ tons or over
20. Granby Street at its intersection with Louisiana Drive.	Add Traffic Signal
21. Little Creek at its intersection with Suburban Park Shopping Center.	Add Traffic Signal
22. Saint Paul's Boulevard, mid-block pedestrian crossing.	Add Traffic Signal

IV. Analysis

The investigations consider the flow and volume of traffic of the intersections. The recommendations will improve the traffic flow on city streets.

V. Financial Impact

There will be minimal impact to the City Budget for the installation or removal of these traffic control signs. There will be ongoing maintenance costs associated with the average 10-year life span of the signs and replacement costs for any knockdowns.

VI. Environmental

N/A

VII. Community Outreach/Notification

This project has been coordinated with the neighborhood civic leagues.

VIII. Board/Commission Action

N/A

IX. Coordination/Outreach

This letter has been coordinated with the Department of Public Works and the City Attorney's Office.

Supporting Material from the Department of Public Works:

- Ordinance
- Location Maps
- Traffic Control Signs Ordinance Summary

mr 4/1/2014

Form and Correctness Approved:

By _____
Office of the City Attorney

Contents Approved:

By _____
DEPT.

NORFOLK, VIRGINIA

ORDINANCE No.

AN ORDINANCE TO REPEAL FOUR SUBSECTIONS OF SECTION 25-653 AND ONE SUBSECTION OF SECTION 25-654, AND TO AMEND AND REORDAIN SECTIONS 25-652, 653, 654, 656 AND 660 OF THE NORFOLK CITY CODE, 1979, **SO AS TO** ADD ONE NEW ONE-WAY STREET, ONE NEW YIELD INTERSECTION, TEN NEW STOP INTERSECTIONS, TWO NEW VEHICLES OVER FIVE TONS PROHIBITIONS, AND THREE NEW AUTOMATED TRAFFIC SIGNALS.

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BE IT ORDAINED by the Council of the City of Norfolk:

Section 1:- That four subsections of Section 25-653 of the Norfolk City Code, 1979, regarding the yield intersections at Argonne Avenue at its intersection with Tait Terrace, Broadfield Road at its intersection with Grove Avenue, Croyden Road at its intersection with Grove Avenue, and Grove Avenue at its intersection with Sunset Drive are hereby repealed.

Section 2:- That one subsection of Section 25-654 of the Norfolk City Code, 1979, regarding the stop intersections at 27th Bay Street at its intersection with Willben Street is hereby repealed.

Section 3:- That Section 25-652 of the Norfolk City Code, 1979, regarding one-way streets, is hereby amended and reordained so as to add the following new subsection:

Colley Avenue Frontage road shall be a one-way street, for southbound traffic only, from W. 25th Street to W. 24th Street.

Section 4:- That Section 25-653 of the Norfolk City Code, 1979, regarding yield intersections, is hereby amended and reordained so as to add the following new subsection:

Somme Avenue at its intersection with Silber Road.

Section 5:- That Section 25-654 of the Norfolk City Code, 1979, regarding stop intersections, is hereby amended and

reordained so as to add the following new subsections:

Argonne Avenue at its intersection with Tait Terrace.

Broadfield Road at its intersection with Grove Avenue

Croyden Road at its intersection with Grove Avenue.

Esquire Street at its intersection with Grove Avenue.

Grove Avenue at its intersection with Sunset Drive.

Hale Street at its intersection with Rugby Street.

Kathy Court at its intersection with Sheppard Avenue.

Longwood Drive at its intersection with Bluestone Avenue.

North View Boulevard at its intersection with Seafarer Avenue.

Willben Street at its intersection with 27th Bay Street.

Section 6:- That Section 25-656 of the Norfolk City Code, 1979, regarding trucks of one and one-half tons or over prohibited on certain streets; exceptions, is hereby amended and reordained so as to add the following new subsection:

Marsh Street, between Berkley Avenue Extension and Indian River Road.

Hanson Avenue, between Virginia Beach Boulevard and Booth Street.

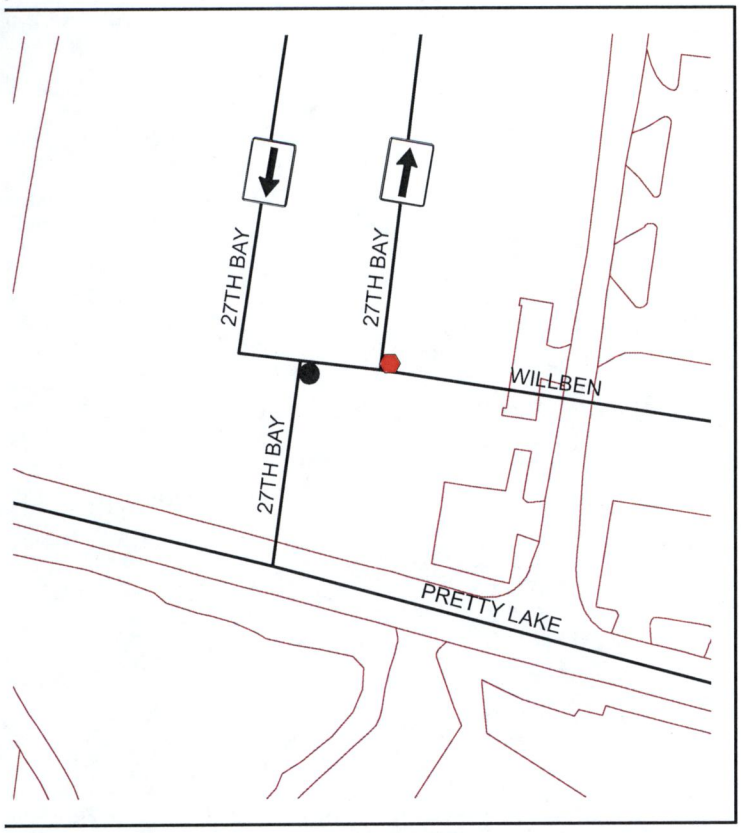
Section 7:- That Section 25-660 of the Norfolk City Code, 1979, regarding automated traffic signals, is hereby amended and reordained so as to add the following new subsections:

Granby Street at its intersection with Louisiana Drive.

Little Creek Road at its intersection with Suburban Park Shopping Center.

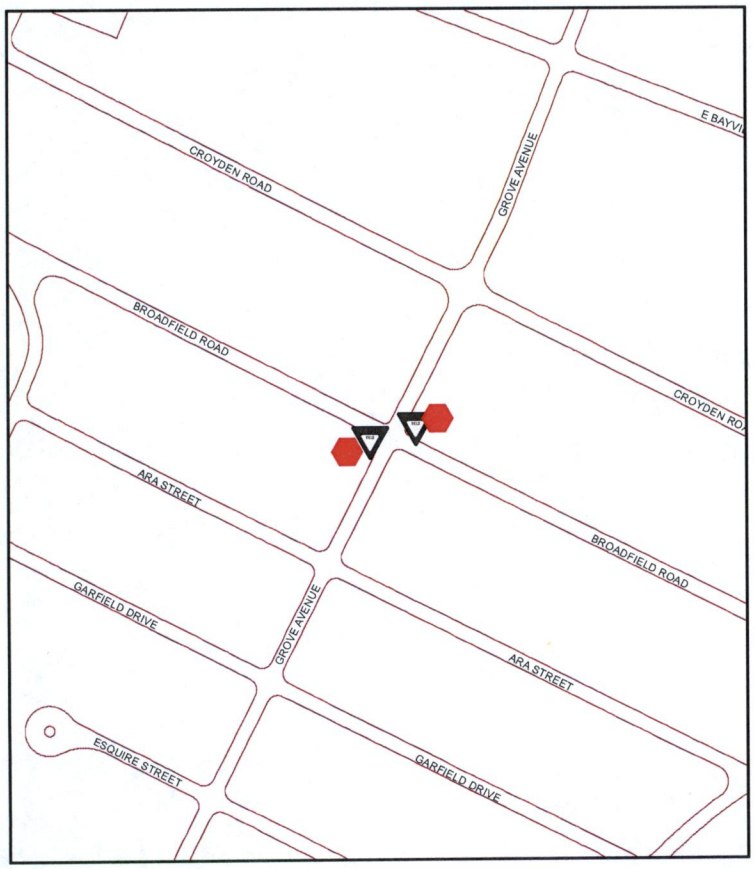
Saint Paul's Boulevard, mid-block pedestrian crossing.

Section 8:- That this ordinance shall be in effect from and after its adoption.

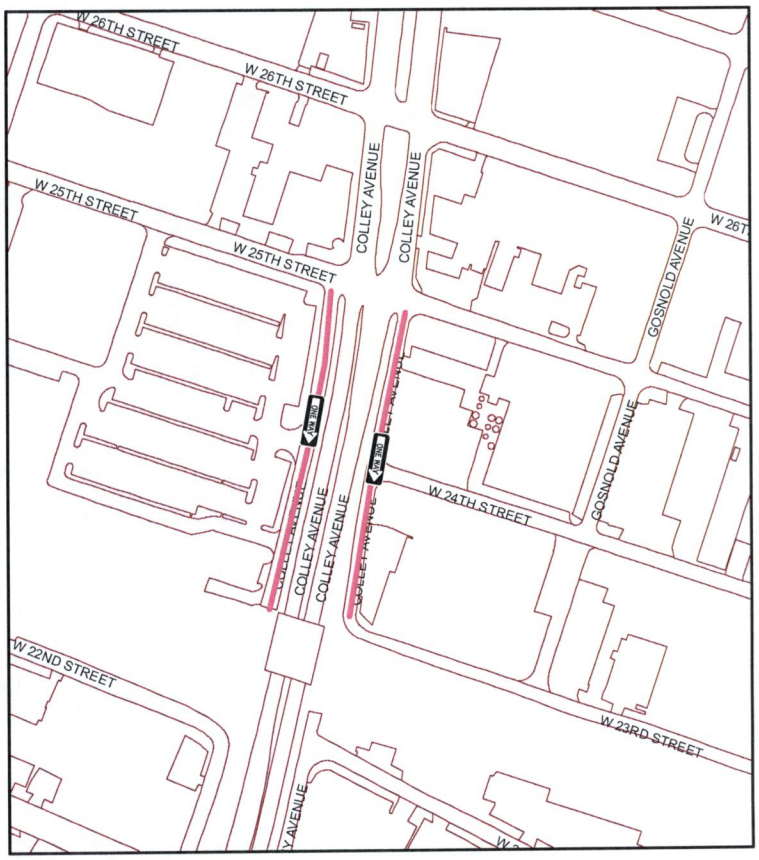


5. 27th Bay Street at Willben Street. (Repeal Stop)
17. Willben Street at 27th Bay Street. (Stop)

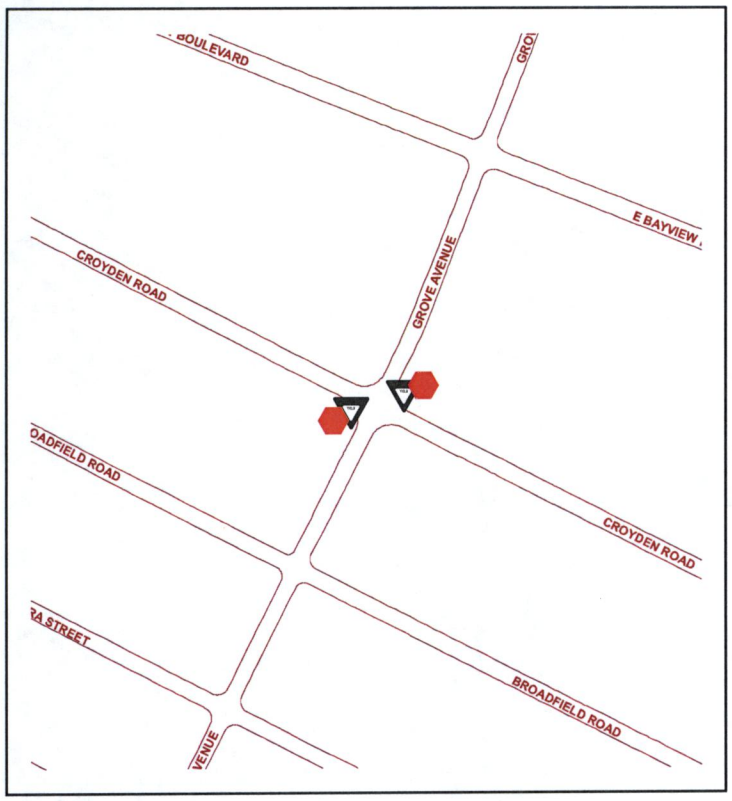
1. Argonne Avenue at Tait Terrace. (Repeal Yield)
8. Argonne Avenue at Tait Terrac. (Stop)



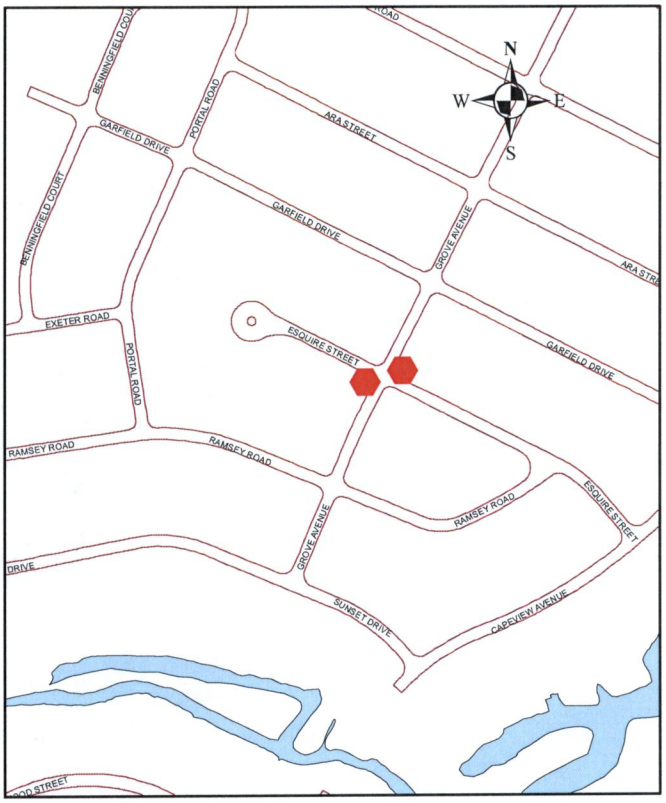
2. Broadfield Road at Grove Avenue. (Repeal Yield)
9. Broadfield Road at Grove Avenue. (Stop)



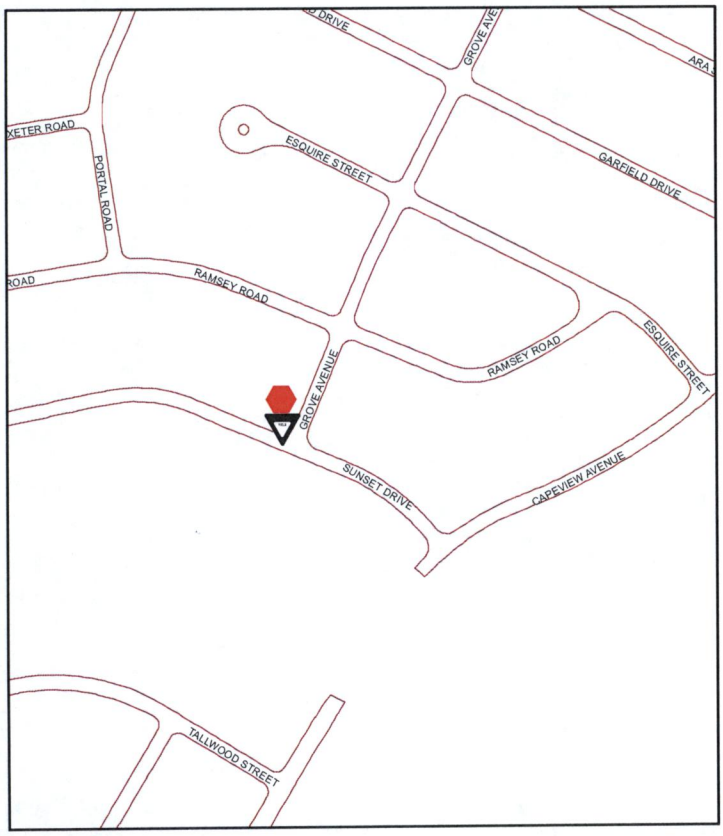
6. Colley Avenue Frontage roads, from W25th Street to W 24th Street. (One way Street)



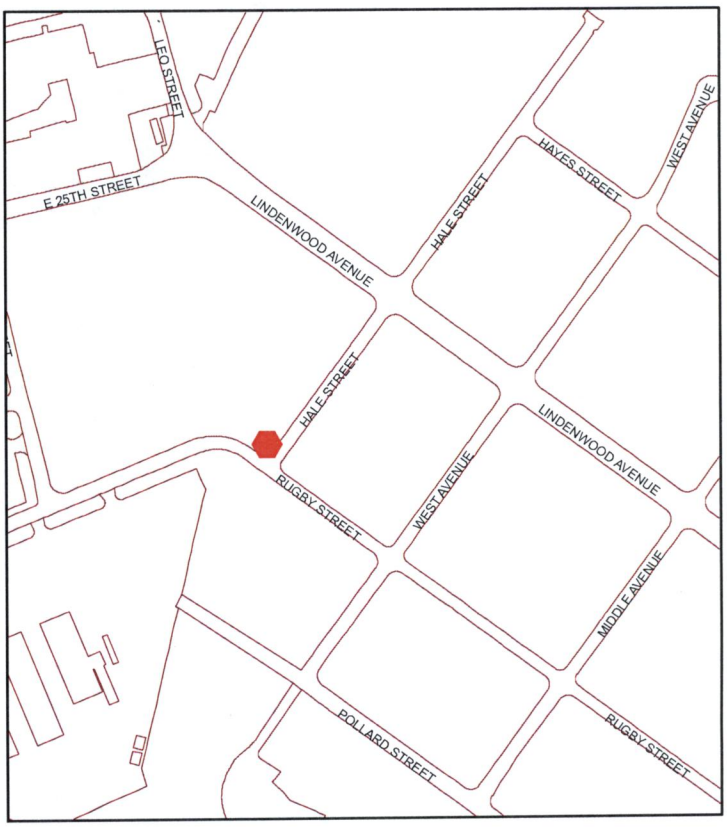
3. Croyden Road at Groce Avenue. (Repeal Yield)
10. Croyden Road at Grove Avenue. (Stop)



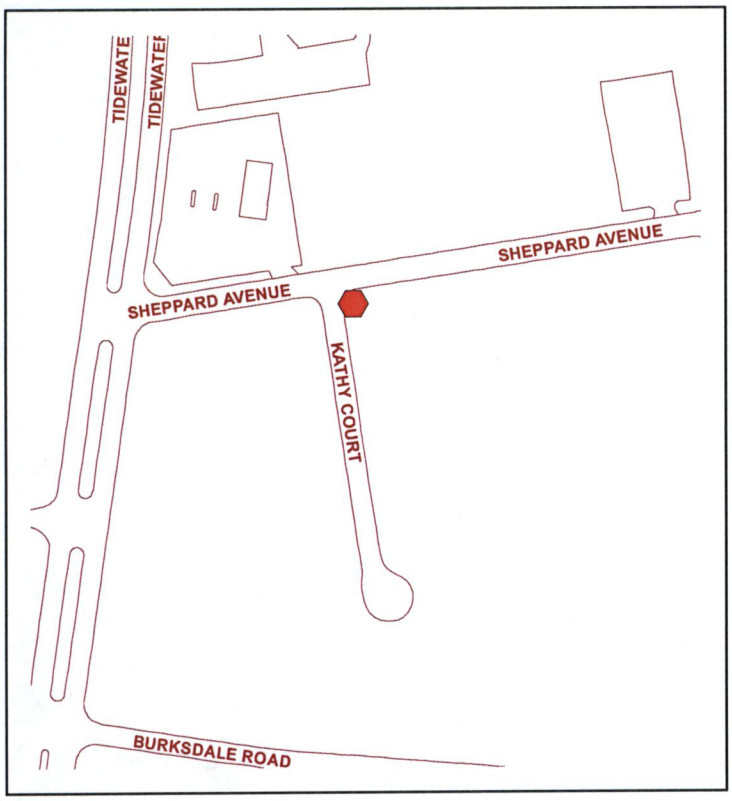
11. Esquire Street at Grove Avenue. (Stop)



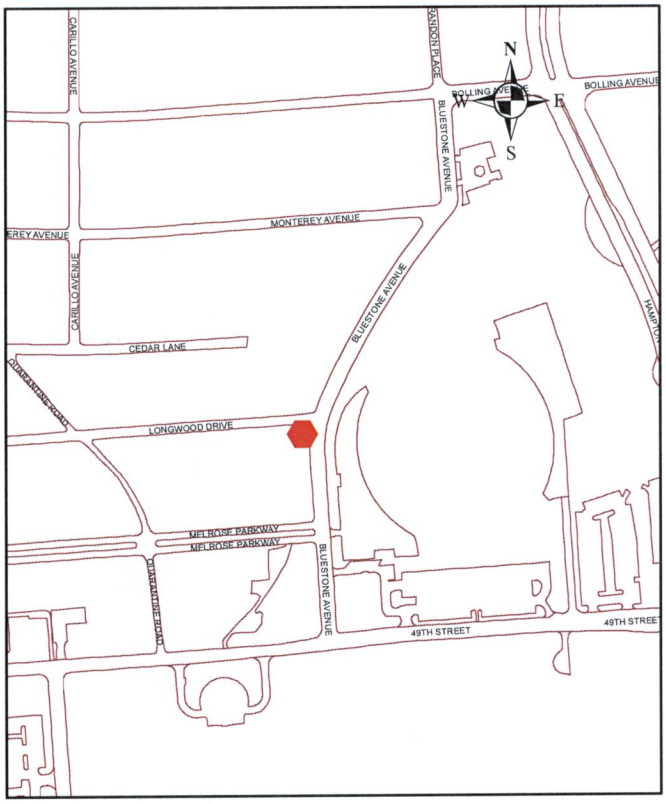
4. Grove Avenue at Sunset Drive. (Repeal Yield)
12. Grove Avenue at Subset Drive. (Stop)



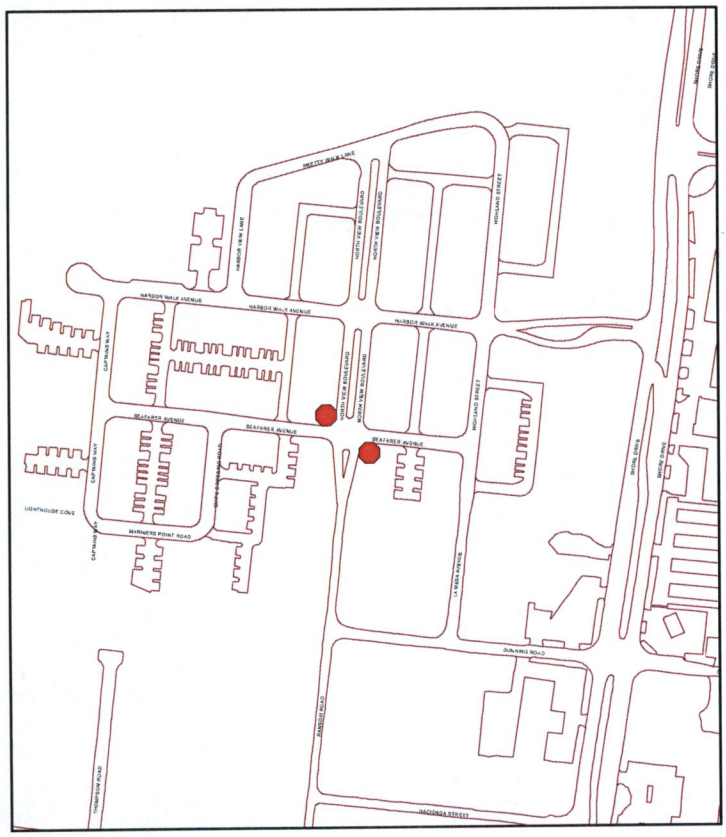
13. Hale Street at Rugby Street. (Stop)



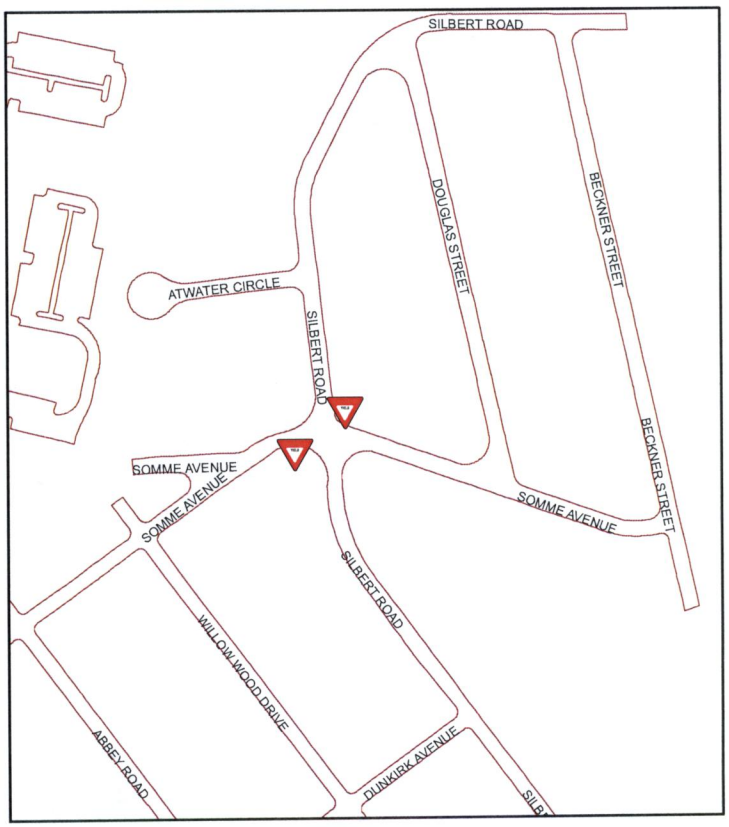
14. Kathy Court at Sheppard Avenue. (Stop)



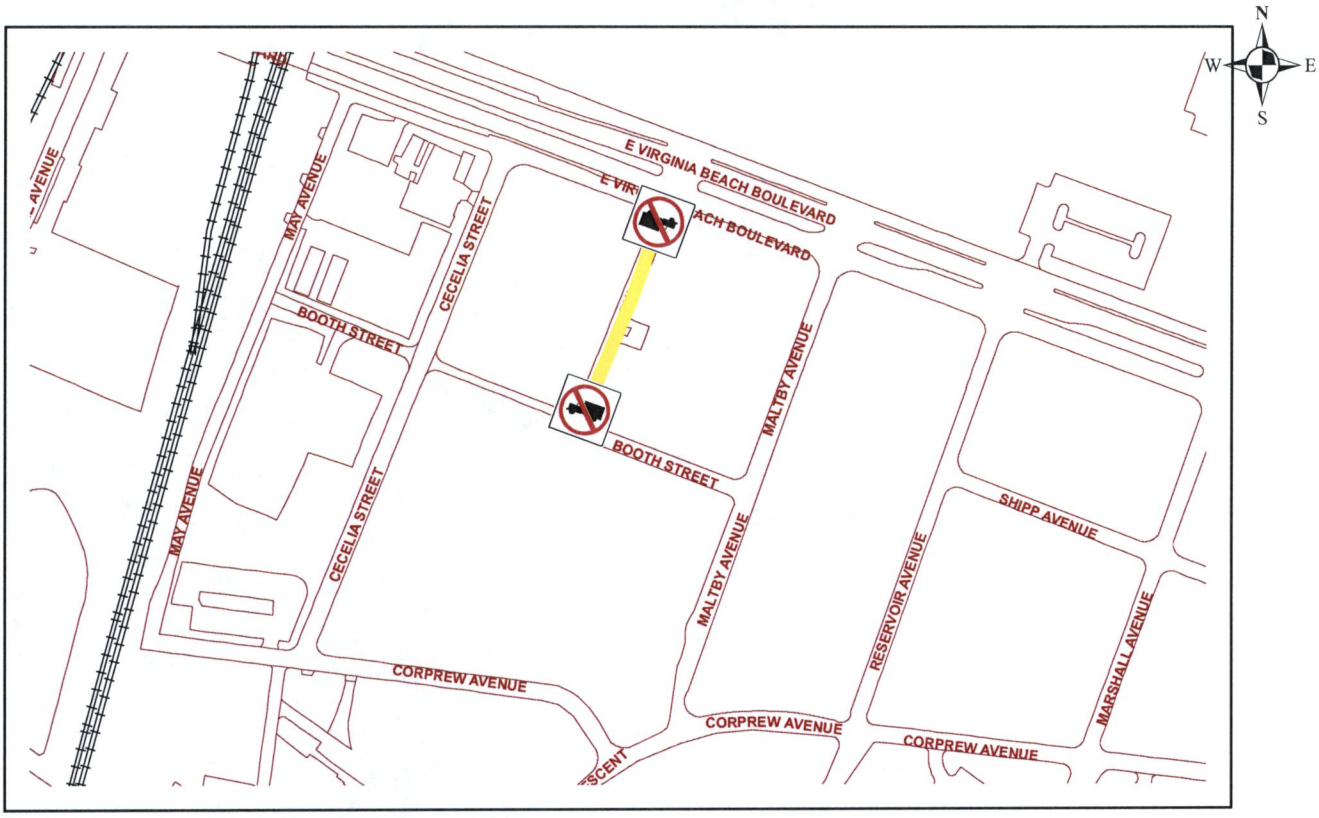
15. Longwood Drive at Bluestone Avenue. (Stop)



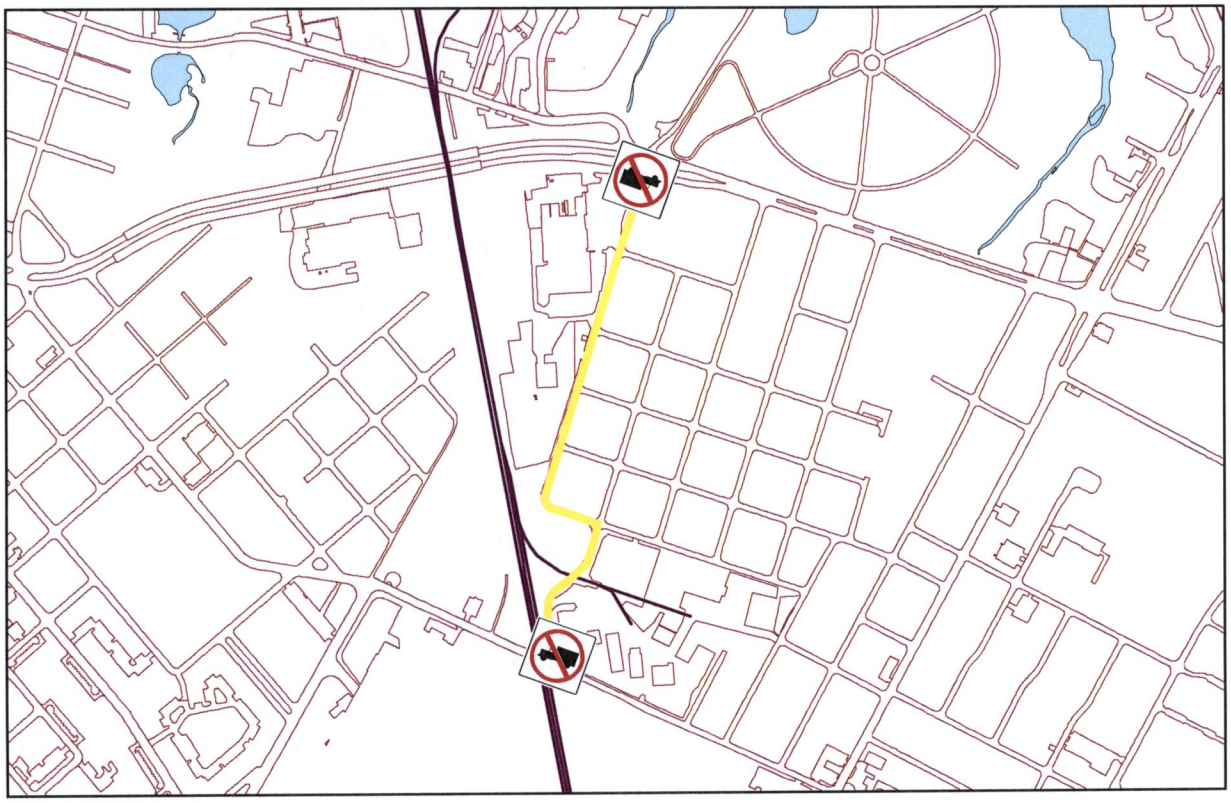
16. North View Boulevard at Seafarer Avenue. (Stop)



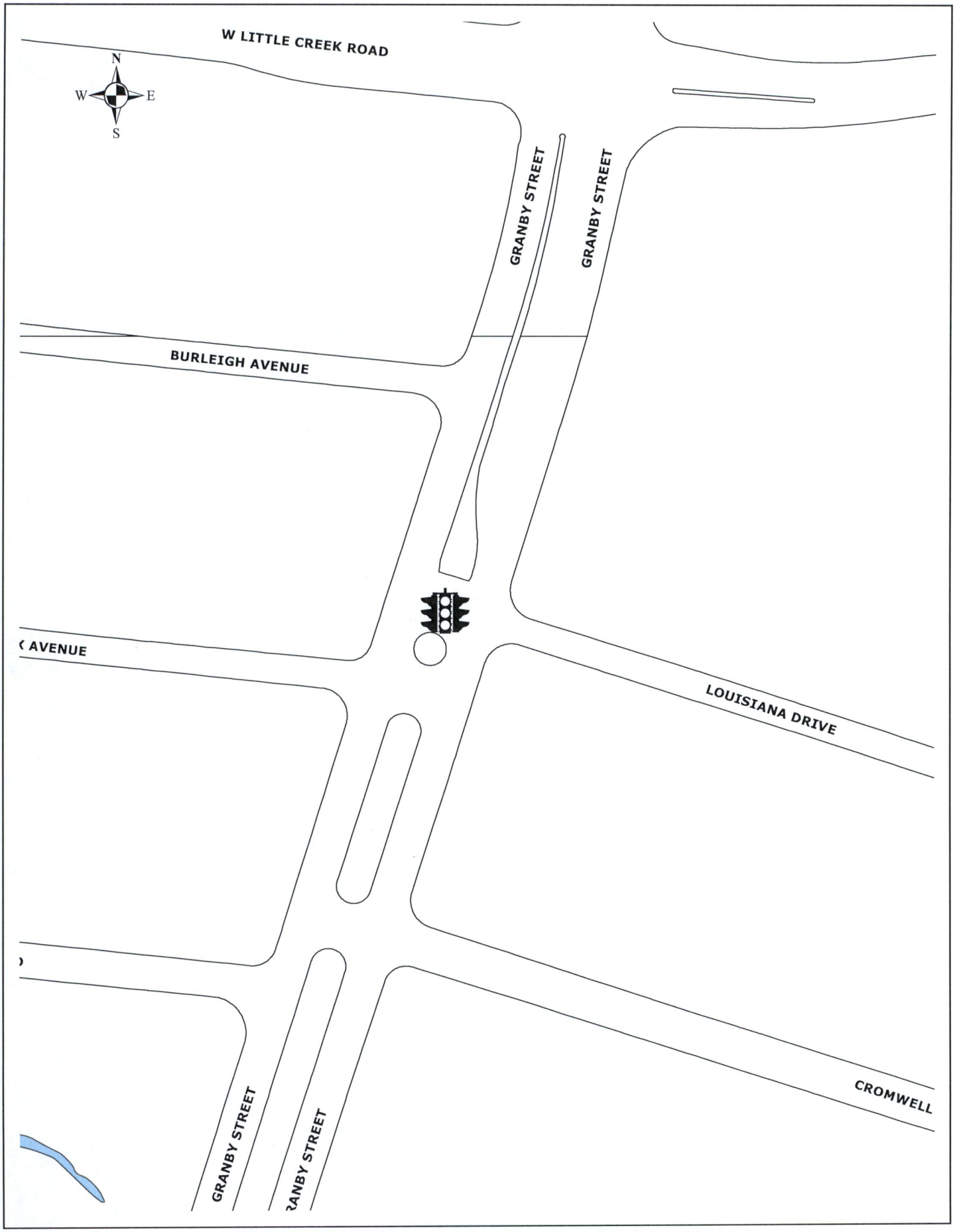
7. Somme Avenue at Silber Road. (Yield)



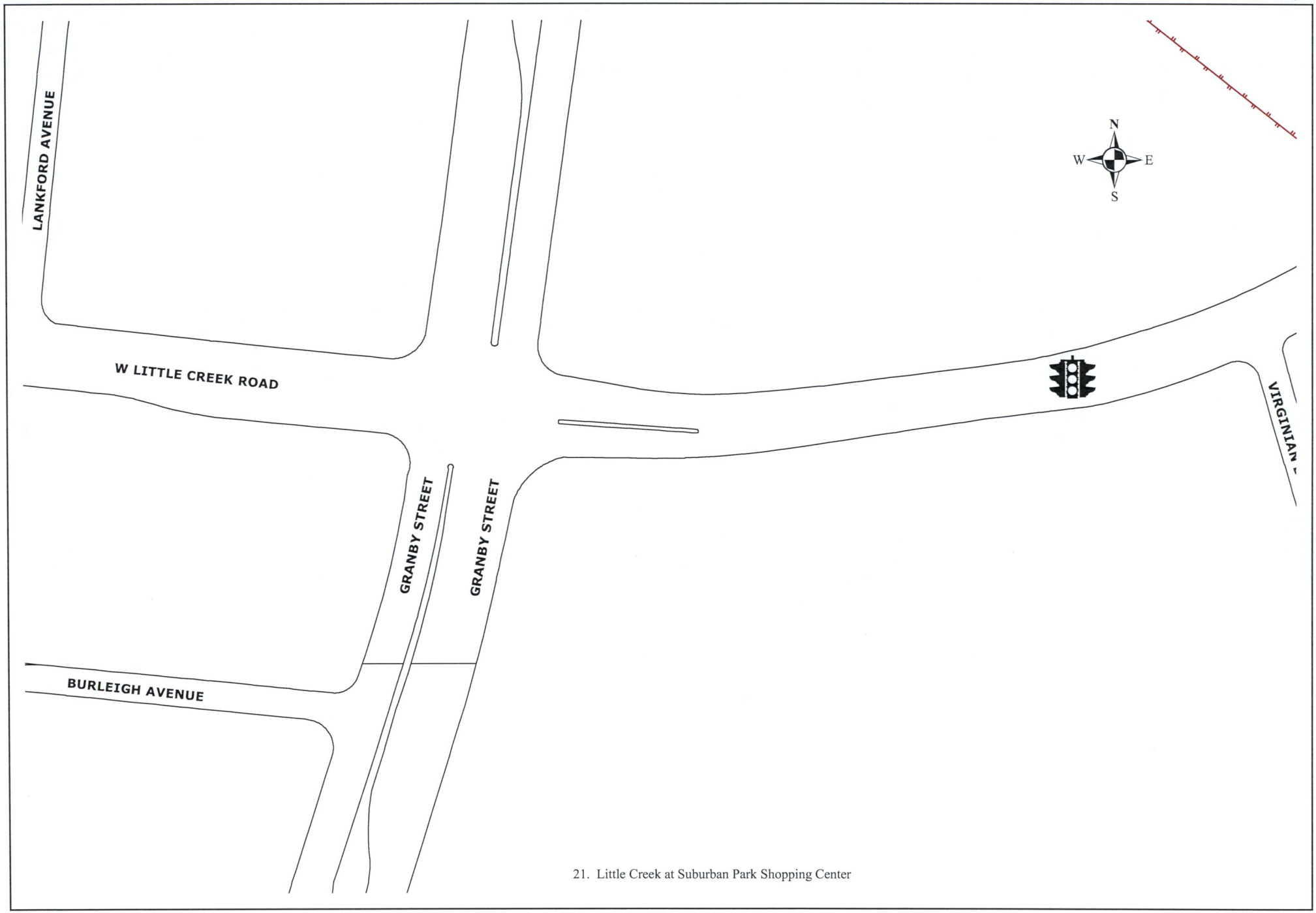
19. Hanson Avenue, between Virginia Beach Boulevard and Booth Street. (No Through Trucks 1 1/2 Tons and over)



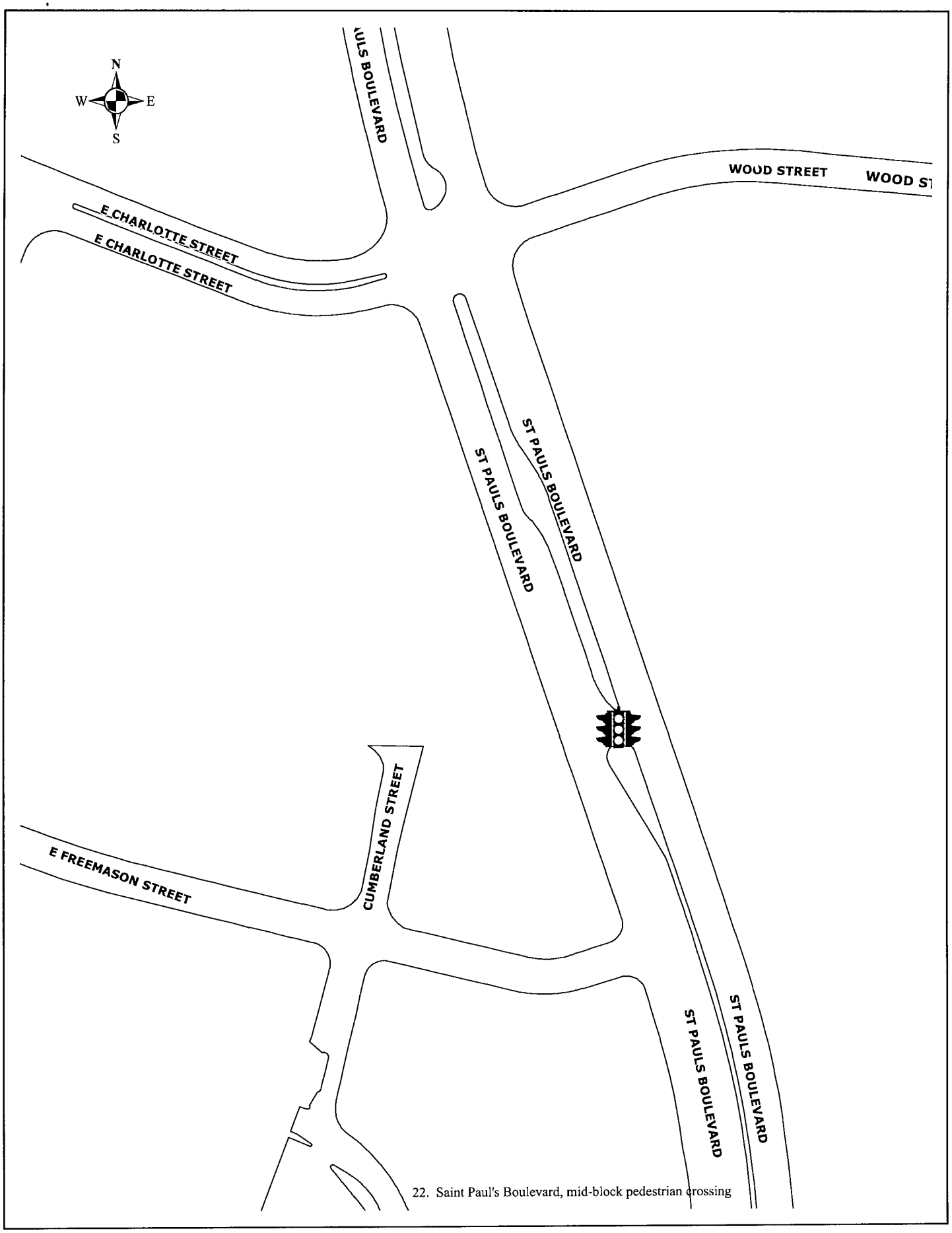
18. Marsh Street, between Berkley Avenue Ex and Indian River Road. (No Through Trucks 1 1/2 Tons and over)



20. Granby Street at Louisiana



21. Little Creek at Suburban Park Shopping Center



22. Saint Paul's Boulevard, mid-block pedestrian crossing

Traffic Control Devices Ordinance Summary

Upon receiving a request for traffic control devices from residents and civic leagues, the Division of Transportation staff analyzes the request and conducts field investigations. The purpose of the investigations and analysis is to ensure accordance with Manual on Uniform Traffic Control Devices (MUTCD) regulations, which must be followed for the placement of traffic control devices. Following the analysis, Transportation staff determines if the request warrants the installation of traffic control sign(s) and automated traffic signals. An ordinance is then drafted and submitted to City Council for approval.

The following is the list of locations recommended by Transportation staff for the installation of traffic control signs and automated traffic signals at various locations throughout the city. If approved, the new traffic control signs and automated traffic signals will be installed and the Code of Norfolk will be amended to reflect changes to existing traffic control.

Wards 2 and 6—Councilmember's Whibley and Winn

Installation of Stop Signs:

Longwood Drive at Bluestone Avenue

The investigation for the intersection of Longwood Drive at Bluestone Avenue was initiated by a resident concerned with limited approach sight view distances at the intersection and the driving behavior of ODU students that travel through the intersection. Based on field investigation and the overall traffic circulation pattern in the area, staff recommends the installation of the stop sign at the intersection. This measure has been approved by the civic league.

Installation of Automated Traffic Signal:

Granby Street at its intersection with Louisiana Drive.

Little Creek Road at its intersection with Suburban Park Shopping Center

The installation of the new traffic signals on Granby Street and on Little Creek Road are to help support the safe flow of traffic into and from the new Suburban Park Shopping Center/Harris Teeter. Based on the Traffic Impact Study of the new shopping center, staff is recommending installation of the new traffic signals at the above intersections.

Wards 2 and 7—Councilmember's Whibley and Williams

Installation of One Way signs

Colley Avenue Frontage roads, from W 25th Street to W 24th Street

The investigation for the above area was initiated by an area residents concern with several close call crashes at the intersection of Colley Avenue and 25th Street. The concern is related to the fact that there is a stop sign controlled frontage road within a traffic signal controlled intersection resulting in motorist confusion has to who has the right of way when the traffic signal indication is green. Based on field investigations and the overall traffic circulation pattern in the area, staff recommends the installation of one way signs on a portion of the two frontage roads.

Wards 3 and 7—Councilmember's Green and Williams

Repeal of Yield sign:

Argonne Avenue at Tait Terrace

Installation of Yield sign:

Somme Avenue at Silber Road

Installation of Stop signs:

Argonne Avenue at Tait Terrace

Hale Street at Rugby Street

The investigation for the intersections of Argonne Avenue at Tait Terrace and Somme Avenue at Silber Road were initiated by the Fairmount Park Civic League. The civic league members were concerned with limited approach sight view distances at the intersections. Based on field investigations and the overall traffic circulation pattern in the area, staff recommends the installation of stop signs at the intersection of Argonne Avenue at Tait Terrace and yield signs at the intersection of Somme Avenue at Silber Road. These measures have been approved by the civic league.

The investigation for the Hale Street at Rugby Street intersection was initiated by area residents concerned with limited approach sight view distances at the intersection. Based on

field investigations and the overall traffic circulation pattern in the area, staff recommends the installation of stop signs at the intersection of Hale Street at Rugby Street.

Installation of No Through Trucks 1 ½ Tons and over sign:

Hanson Avenue, between Virginia Beach Boulevard and Booth Street

The investigation for the above street was initiated by the Central Brambleton Civic League concerned with the increase in truck traffic using the residential street to travel between Virginia Beach Boulevard and Olney Road. Based on field investigations and the overall traffic circulation pattern in the area, staff recommends the installation of No Through Trucks 1 ½ Tons and Over sign along Hanson Avenue.

Wards 4 and 7—Councilmember's Riddick and Williams

Installation of No Through Trucks 1 ½ Tons and over sign:

Marsh Street, between Berkley Avenue Extension and Indian River Road

The investigation for the above street was initiated by area residents concerned with the increase in truck traffic using the residential street to travel between Berkley Avenue Extension and Indian River Road. Based on field investigations and the overall traffic circulation pattern in the area, staff recommends the installation of No Through Trucks 1 ½ Tons and Over sign along Marsh Street.

Installation of Automated Traffic Signal:

St Pauls Boulevard, mid-block pedestrian crossing

The installation of the new traffic signal at St Pauls Boulevard, mid-block pedestrian crossing is to support HRT's Downtown Norfolk Transportation Center. The traffic signal will help provide safe and convenient pedestrian crossings to and from the center. Based on the Traffic Impact Study of the new facility, staff is recommending installation of the new traffic signals at the location.

Wards 5 and 6—Councilmember's Smigiel and Winn

Repeal of Yield signs:

27th Bay Street at Willben Street

Broadfield Road at Grove Avenue

Croyden Road at Grove Avenue

Grove Avenue at Sunset Drive

Installation of Stop signs:

Broadfield Road at Grove Avenue

Croyden Road at Grove Avenue

Esquire Street at Grove Avenue

Grove Avenue at Sunset Drive

Kathy Court at Sheppard Avenue

North View Boulevard at Seafarer Avenue

Willben Street at 27th Bay Street

The investigations for the Broadfield Road at Grove Avenue, Croyden Road at Grove Avenue, Esquire Street at Grove Avenue and Grove Avenue at Sunset Drive intersections were initiated by Bayview area residents. The North View Boulevard at Seafarer Avenue intersection was requested by Harbor Walk area residents. The Willben Street at 27th Bay Street location was initiated by the East Beach Civic League. The requests were based on concerns of limited approach sight view distances at the intersections. Based on field investigations and the overall traffic circulation pattern in the areas, staff recommends the installation of stop signs at the intersections noted above. These measures have been approved by the area civic leagues.