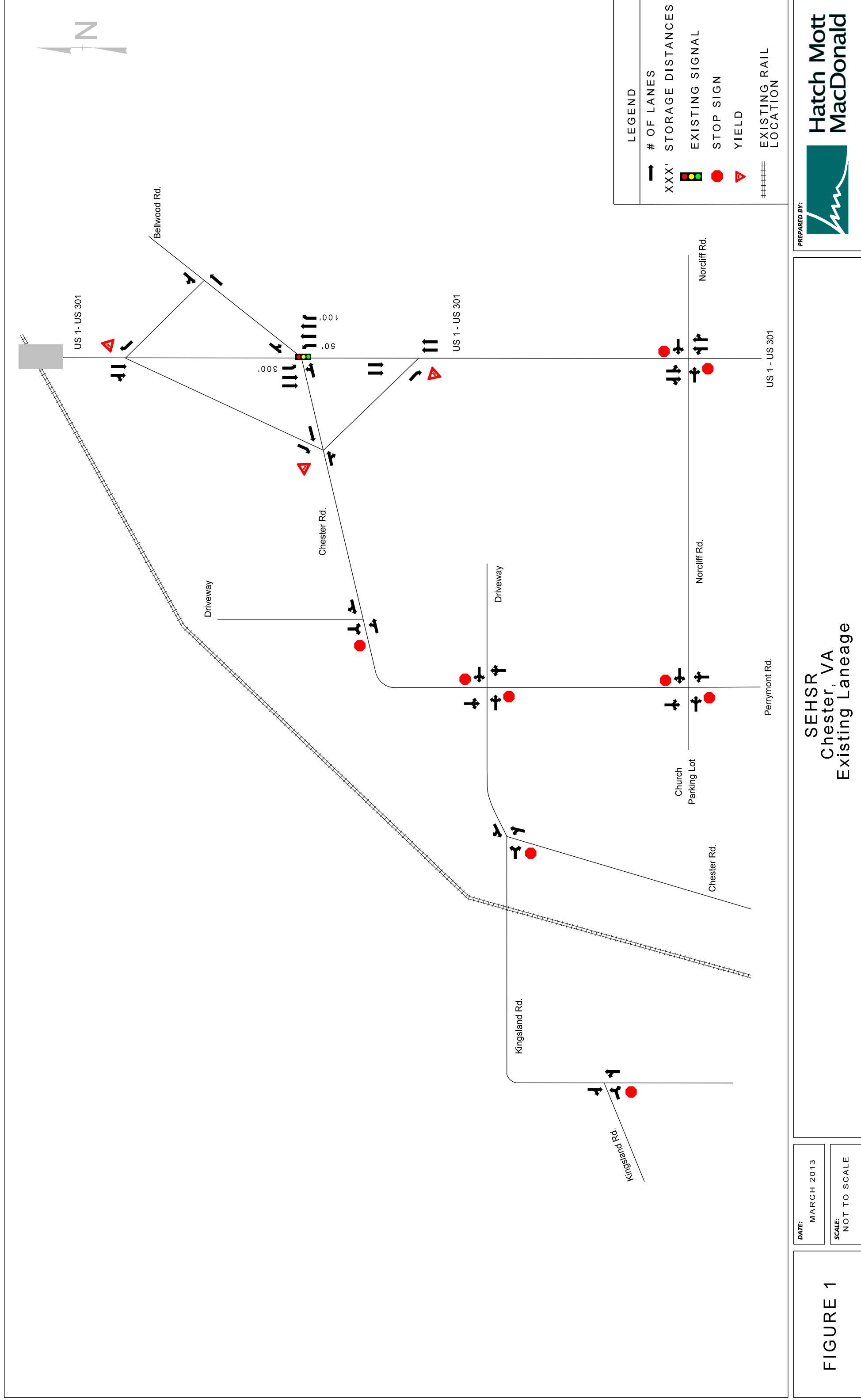
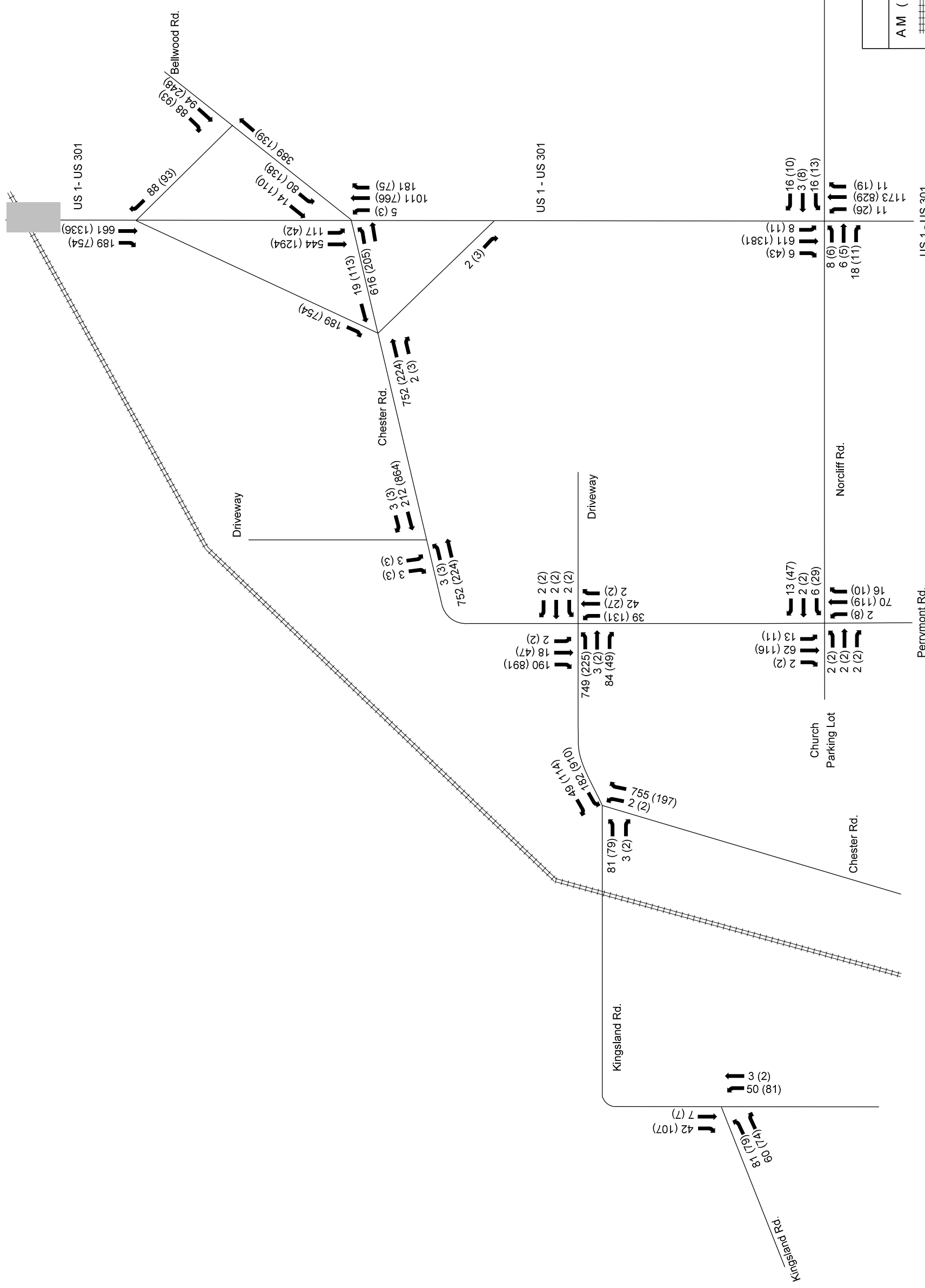


# **Appendix P**

## **Traffic Laneage Volumes**





LEGEND	
AM (PM)	PEAK HOUR VOLUMES
#####	EXISTING RAIL LOCATION


FIGURE 2

SEHSR  
Chester, VA  
2030 No Build Volumes

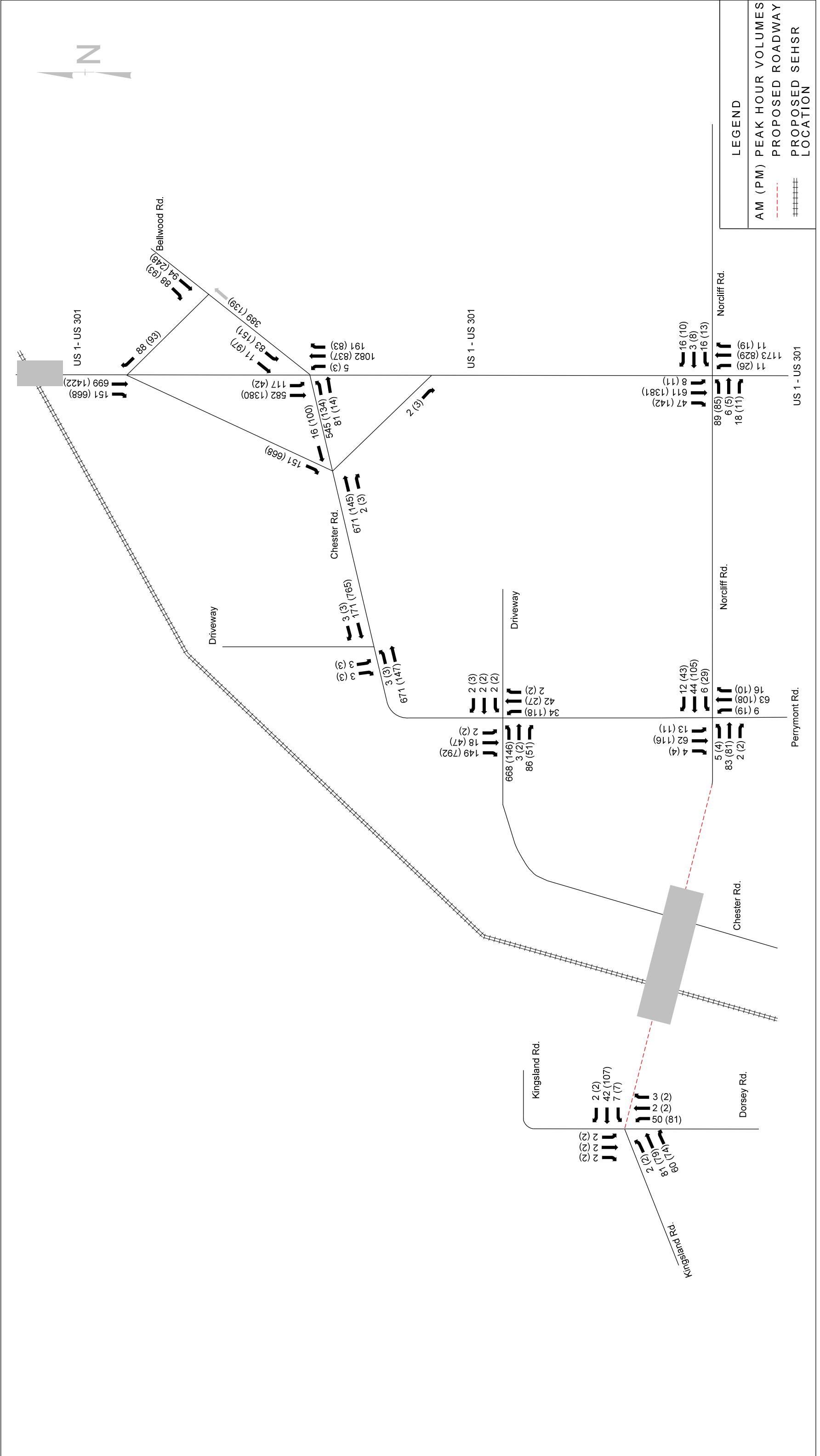
DATE: MARCH 2013

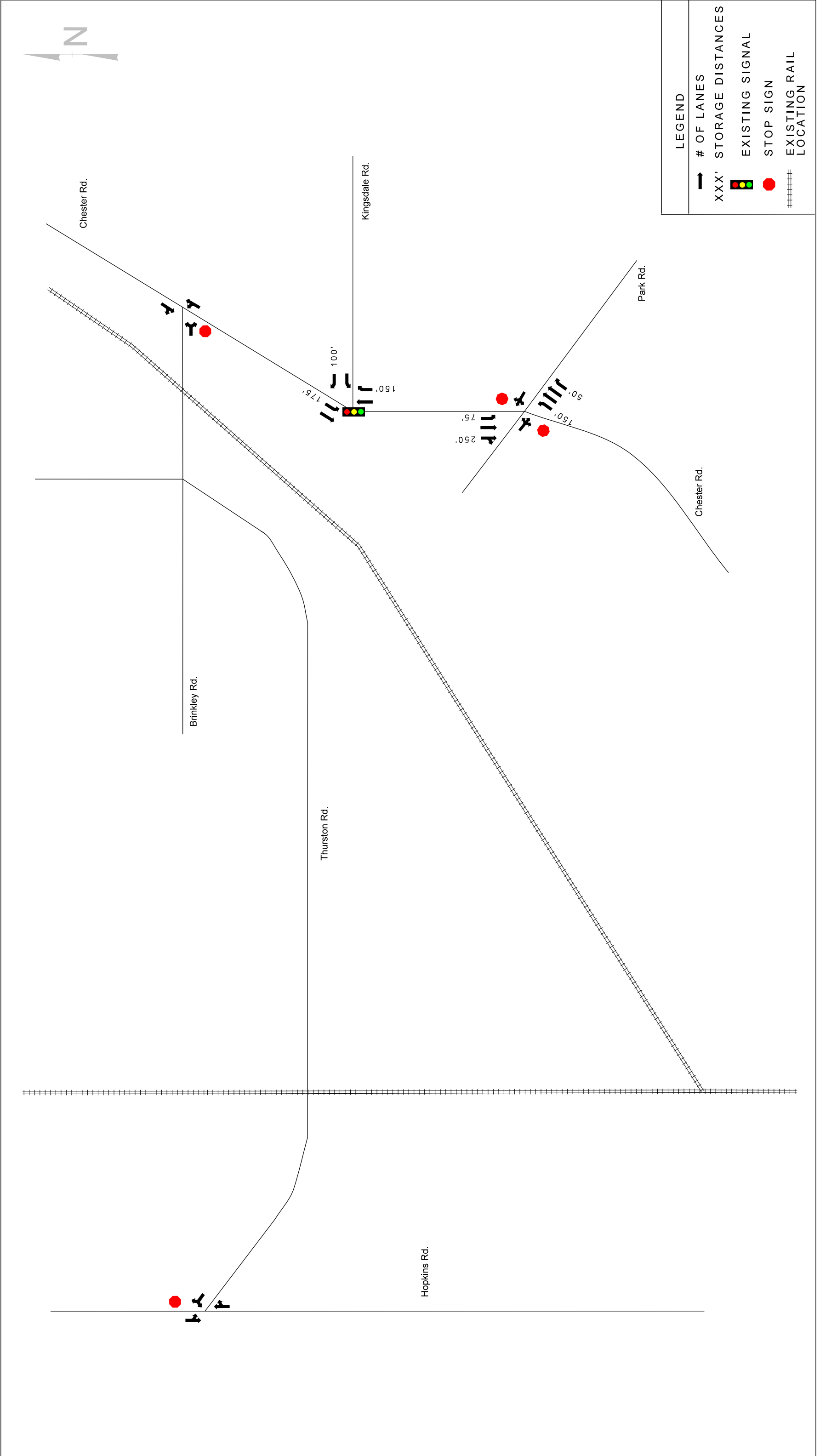
SCALE: NOT TO SCALE

PREPARED BY:

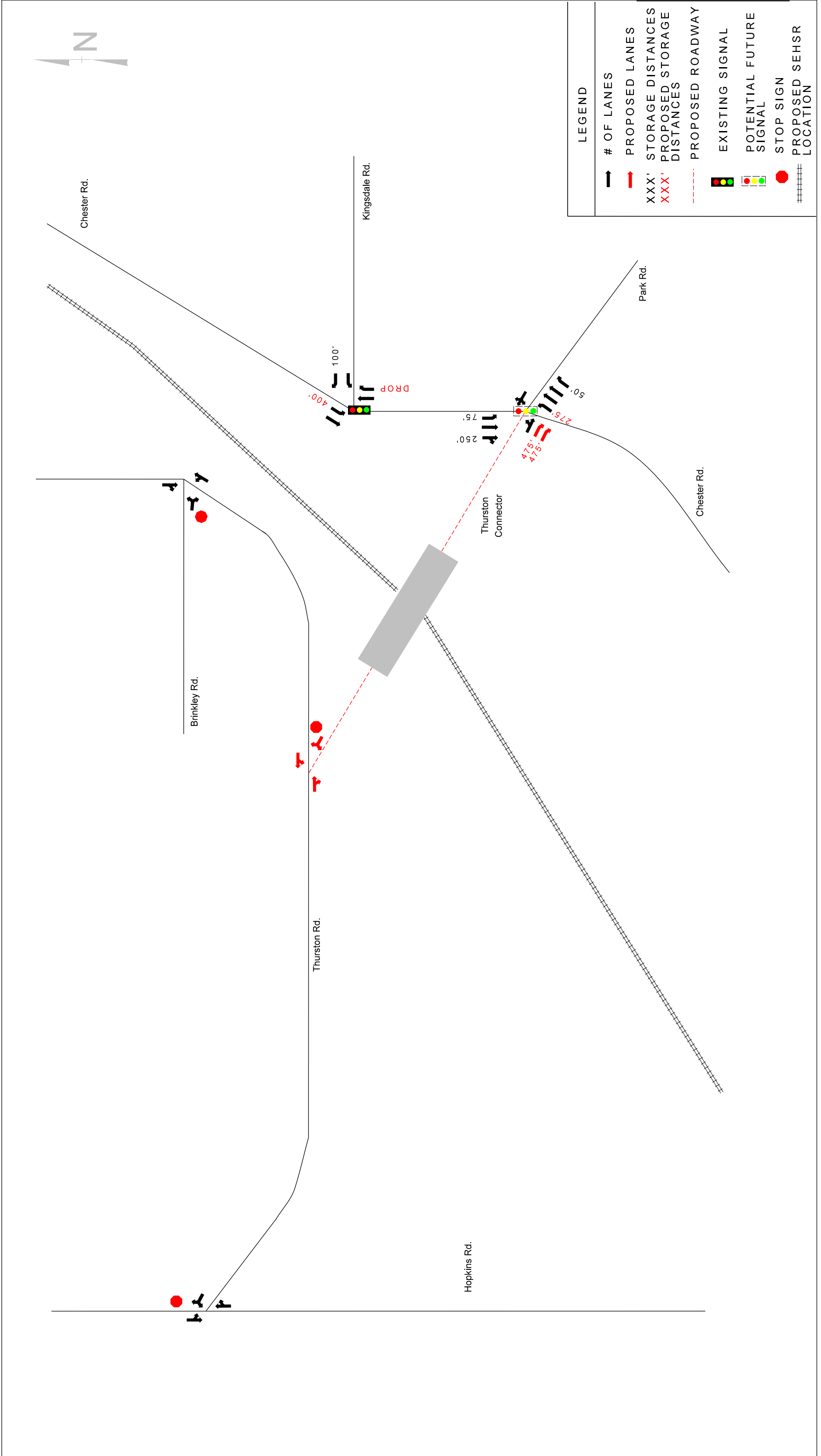
Hatch Mott MacDonald



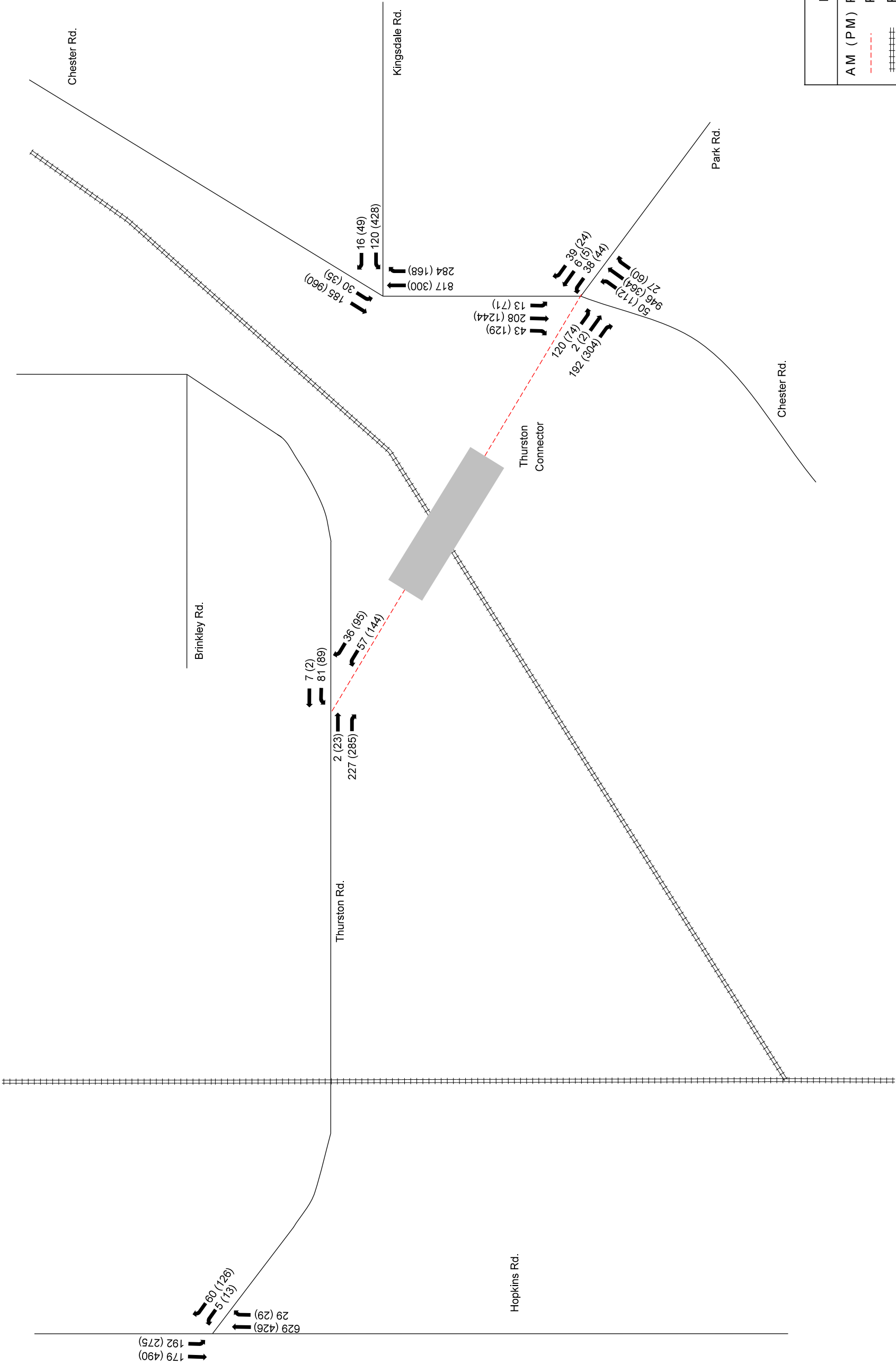


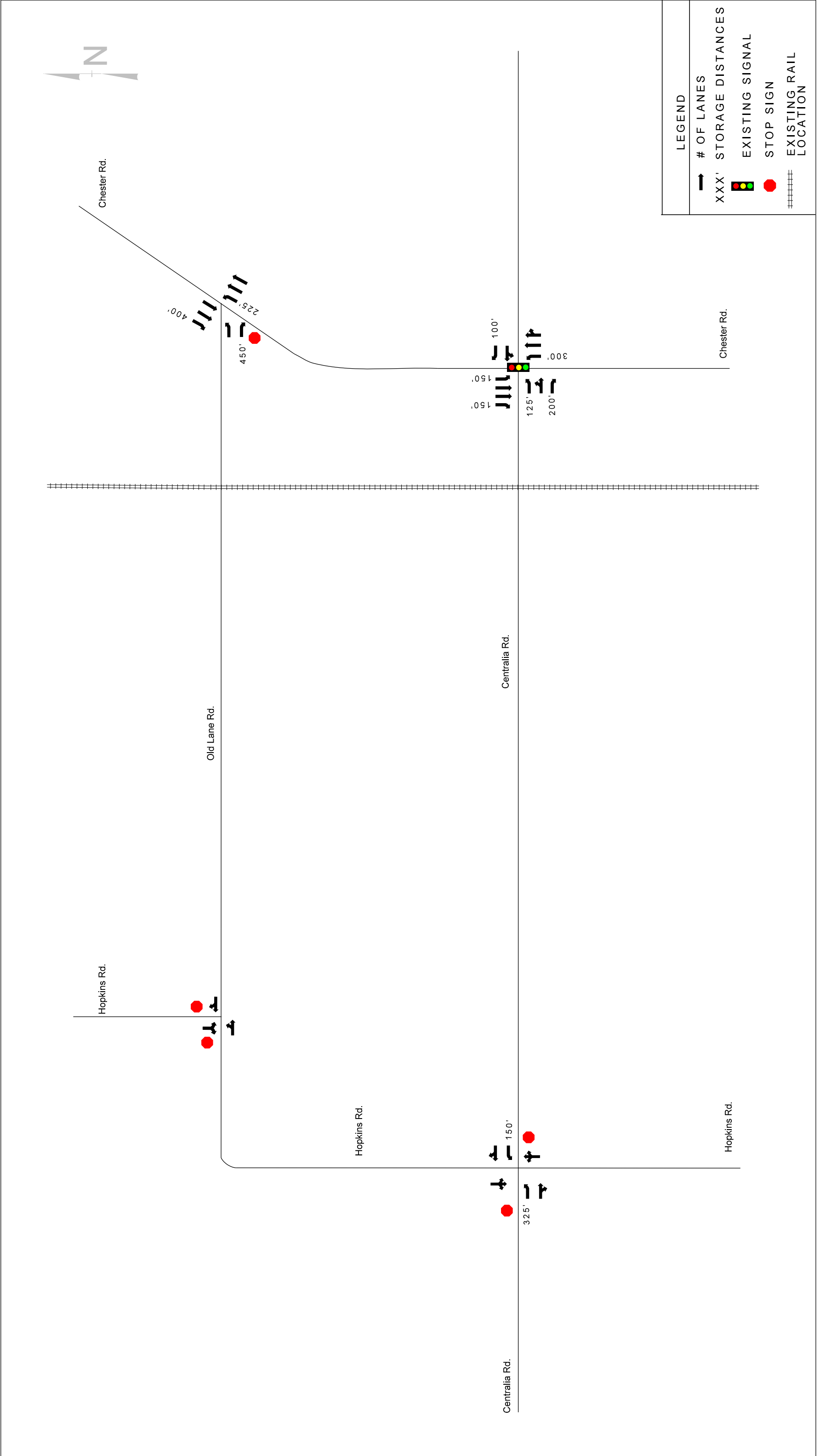


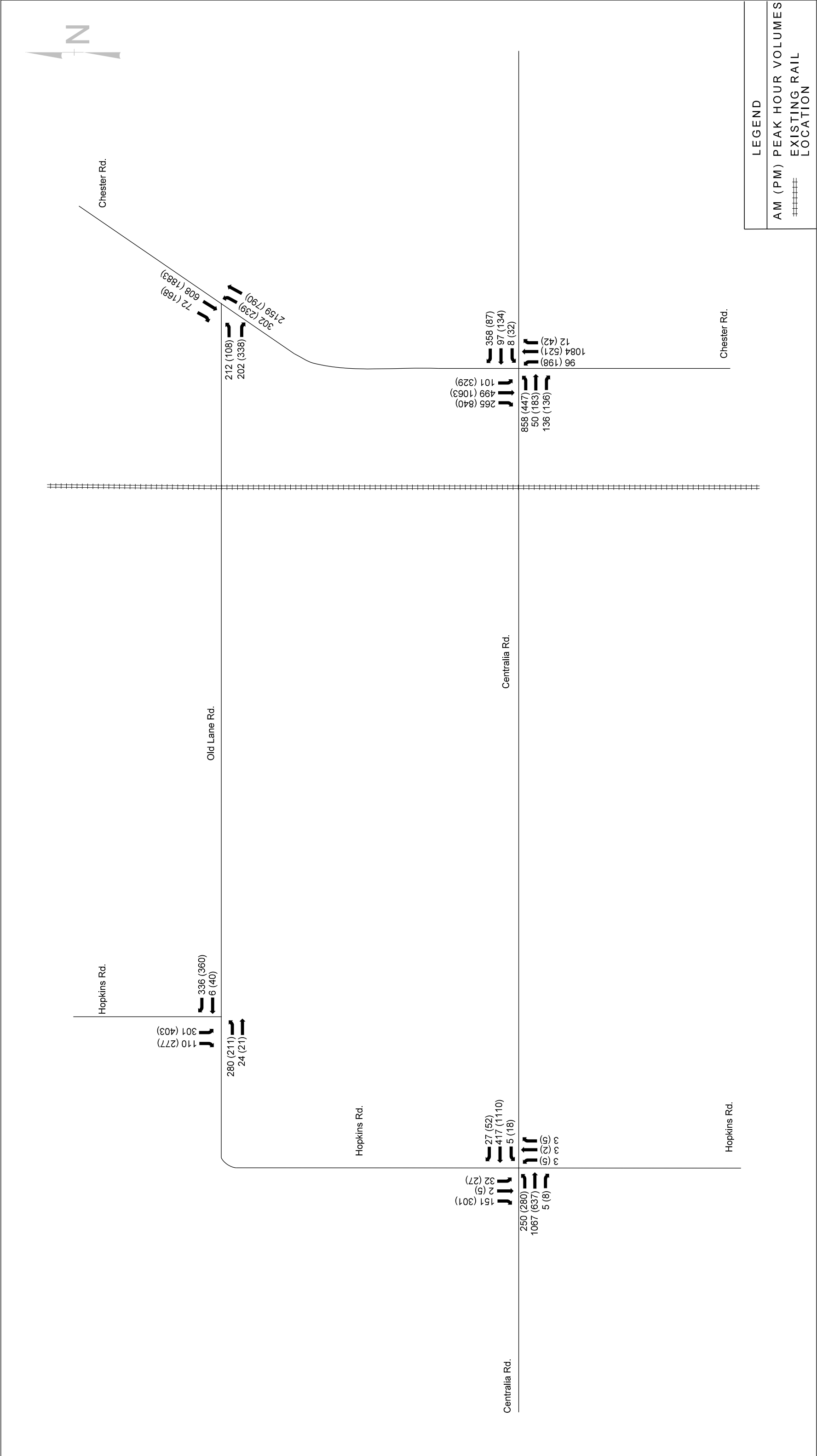


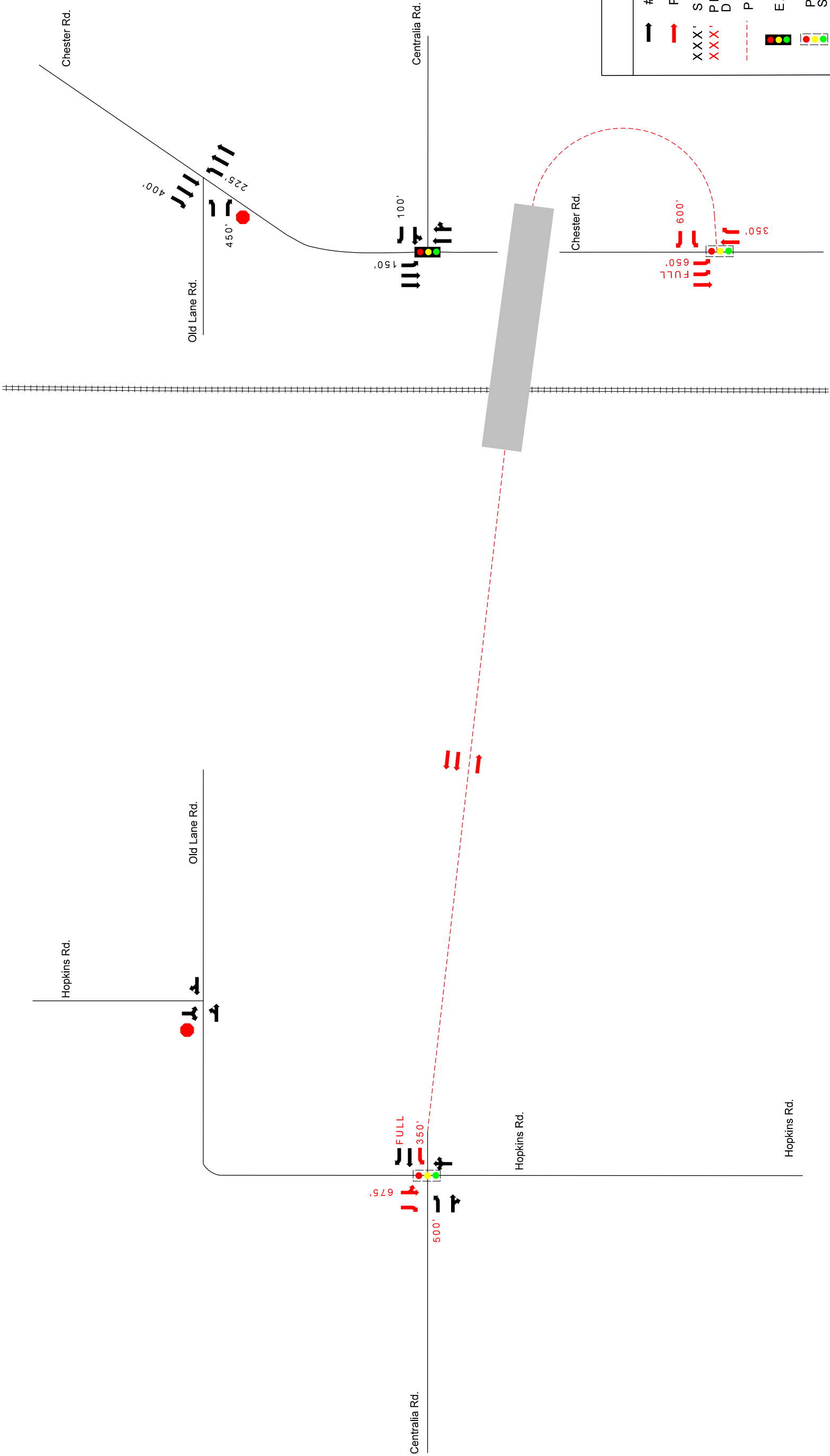












LEGEND	
	# OF LANES
	PROPOSED LANES
XXX'	STORAGE DISTANCES
XXX'	PROPOSED STORAGE DISTANCES
- - - - -	PROPOSED ROADWAY
	EXISTING SIGNAL
	POTENTIAL FUTURE SIGNAL
	STOP SIGN
=====	PROPOSED SEHSR LOCATION

PREPARED BY:

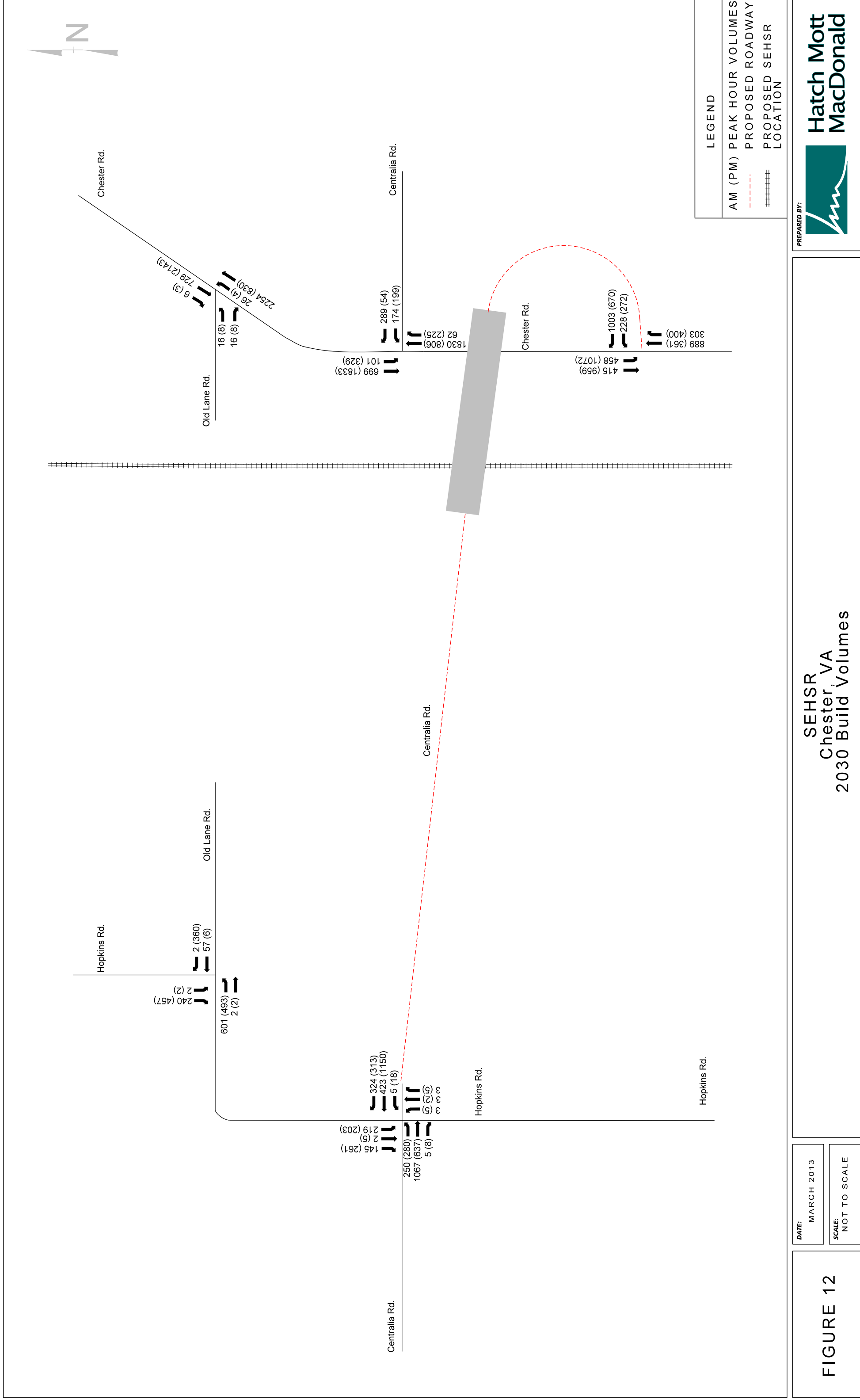
Hatch Mott  
MacDonald

SEHSR  
Chester, VA  
2030 Build Laneage

DATE: MARCH 2013

SCALE: NOT TO SCALE

FIGURE 11





Country Club Rd.

Carter St.



LEGEND

- # OF LANES
- XXX' STORAGE DISTANCES
- EXISTING SIGNAL
- STOP SIGN

DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
La Crosse, VA  
Existing Laneage

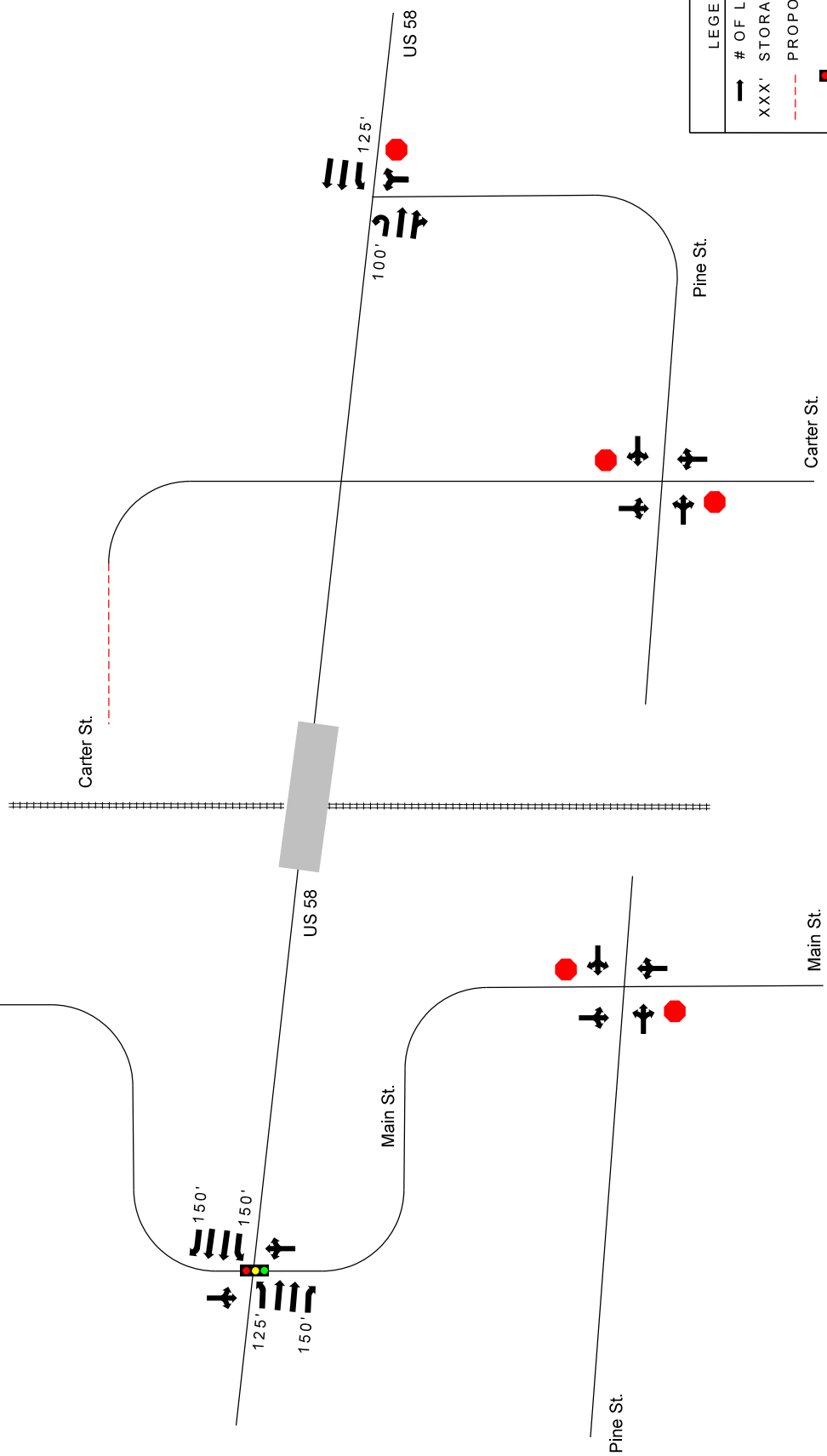


FIGURE 13



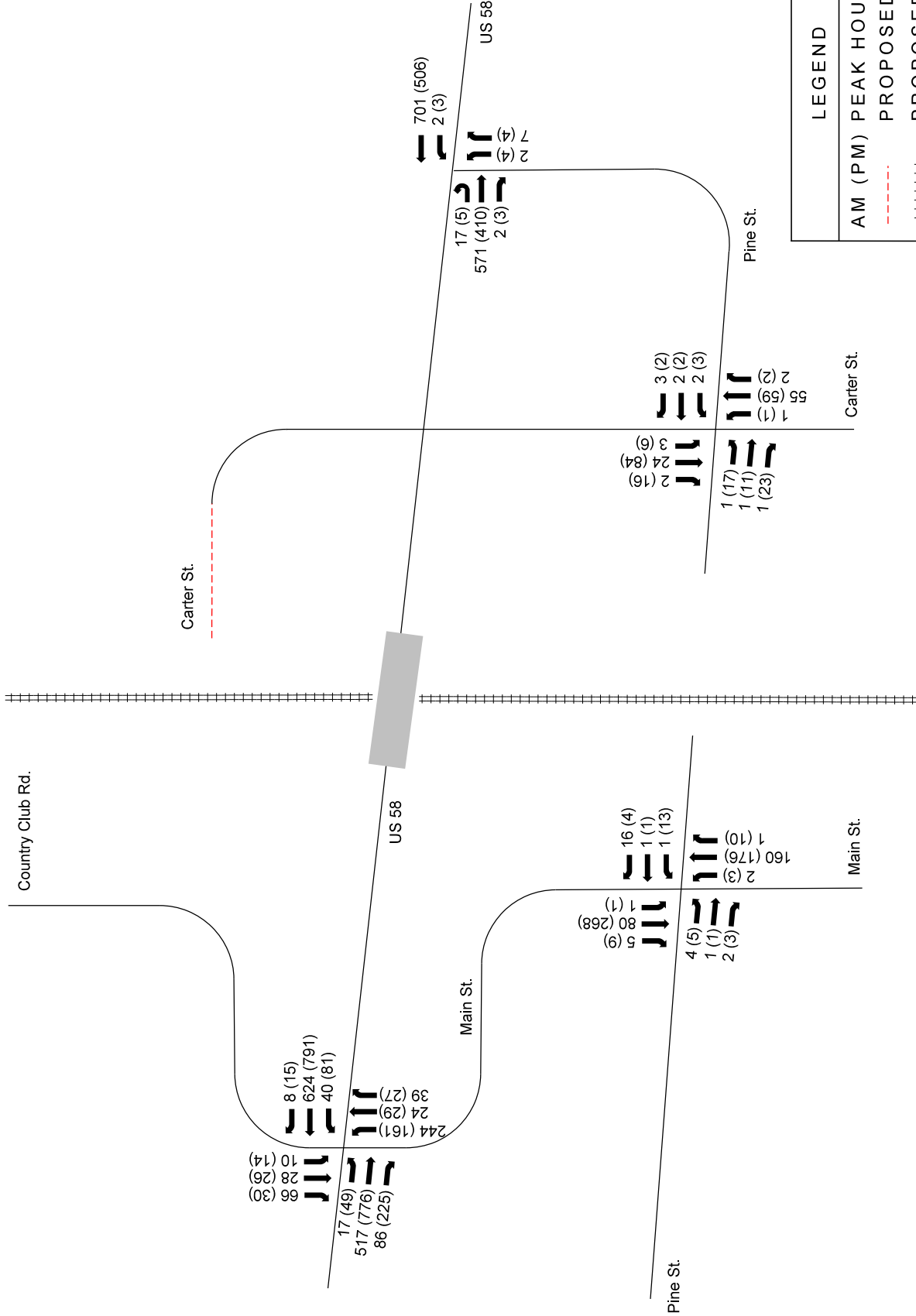


Country Club Rd.



LEGEND	
	# OF LANES
	STORAGE DISTANCES
	PROPOSED ROADWAY
	EXISTING SIGNAL
	STOP SIGN
	PROPOSED SEHSR LOCATION





LEGEND	
AM (PM) PEAK HOUR VOLUMES	
PROPOSED ROADWAY	---
PROPOSED SEHSR LOCATION	=====

**FIGURE 16**

MARCH 2013

SCALE:  
NOT TO SCALE

**SEHSR**  
**La Crosse, VA**  
**2030 Build Volumes**

**Hatch Mott MacDonald**

PREPARED BY: DATE:











St. Tammany Rd.

Grant Ln.

Ridgeway-Drewry Rd.

Driveway

US 1 - 158

Ridgeway-Warrenton Rd.

Axtell Ridgeway Rd.

US 1 - 158

LEGEND

- # OF LANES
- STOP SIGN
- EXISTING RAIL

PREPARED BY:



SEHSR  
Norlina, NC  
Existing Laneage

DATE: MARCH 2013

SCALE: NOT TO SCALE

FIGURE 21



St. Tammany Rd.

Grant Ln.

Ridgeway-Drewry Rd.

Ridgeway-Warrenton Rd.

Axtell Ridgeway Rd.

17 (18)  
5 (9)  
2 (6)  
343 (367)

US 1 - 158

2 (2)  
2 (2)  
2 (2)  
2 (2)  
358 (341)  
17 (33)

2 (2)  
2 (2)  
2 (2)  
2 (2)  
439 (304)  
35 (48)  
35 (58)  
2 (2)  
11 (14)  
346 (425)  
6 (13)

6 (1)  
41 (29)  
10 (52)  
333 (347)

3 (3)  
294 (375)

8 (9)  
347 (435)  
36 (86)

77 (82)  
2 (2)  
29 (15)

8 (23)  
406 (386)

LEGEND

AM (PM) PEAK HOUR VOLUMES

##### EXISTING RAIL

PREPARED BY:

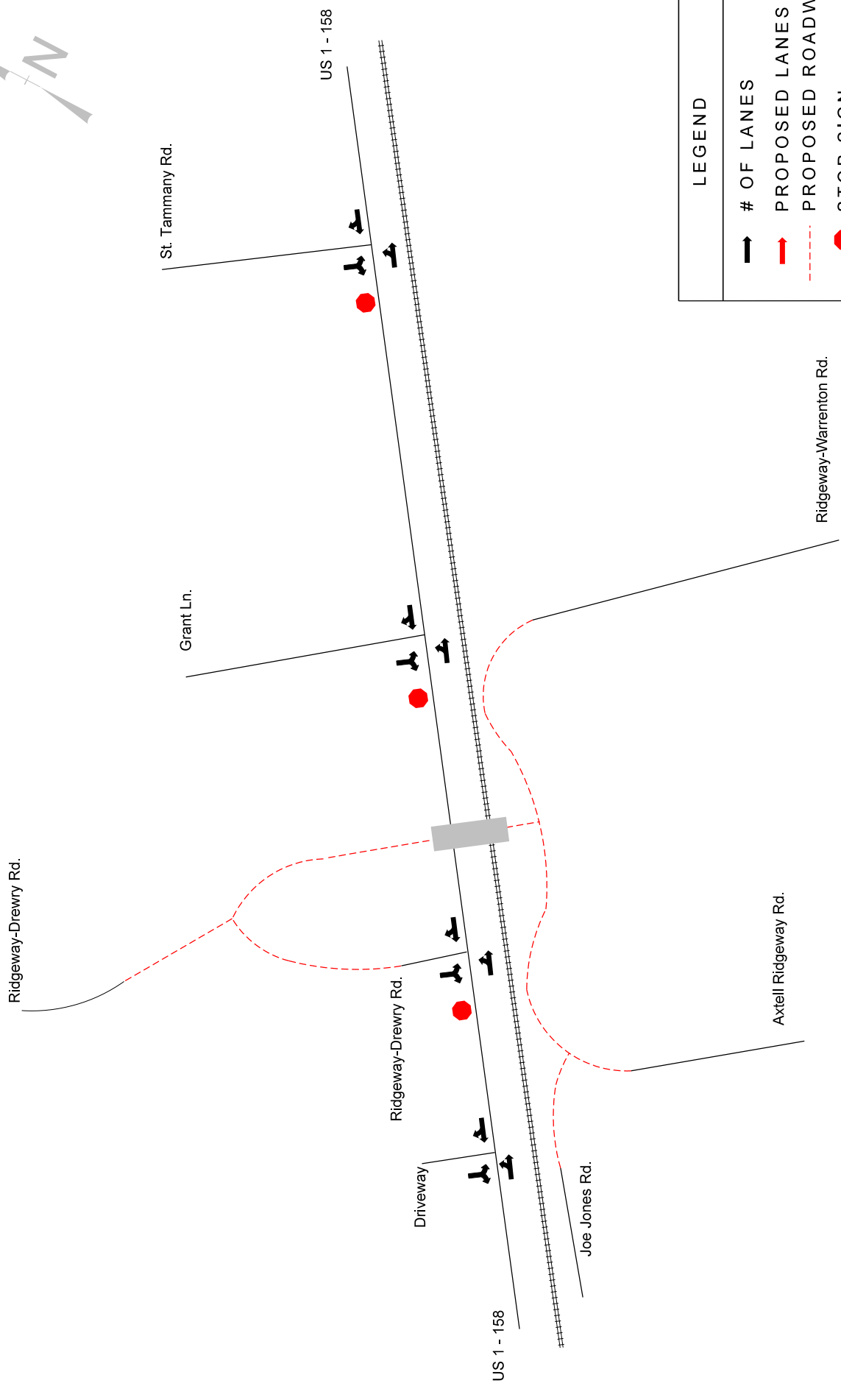
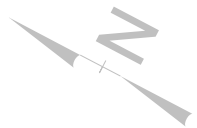


SEHSR  
Norlina, NC  
2030 No Build Volumes

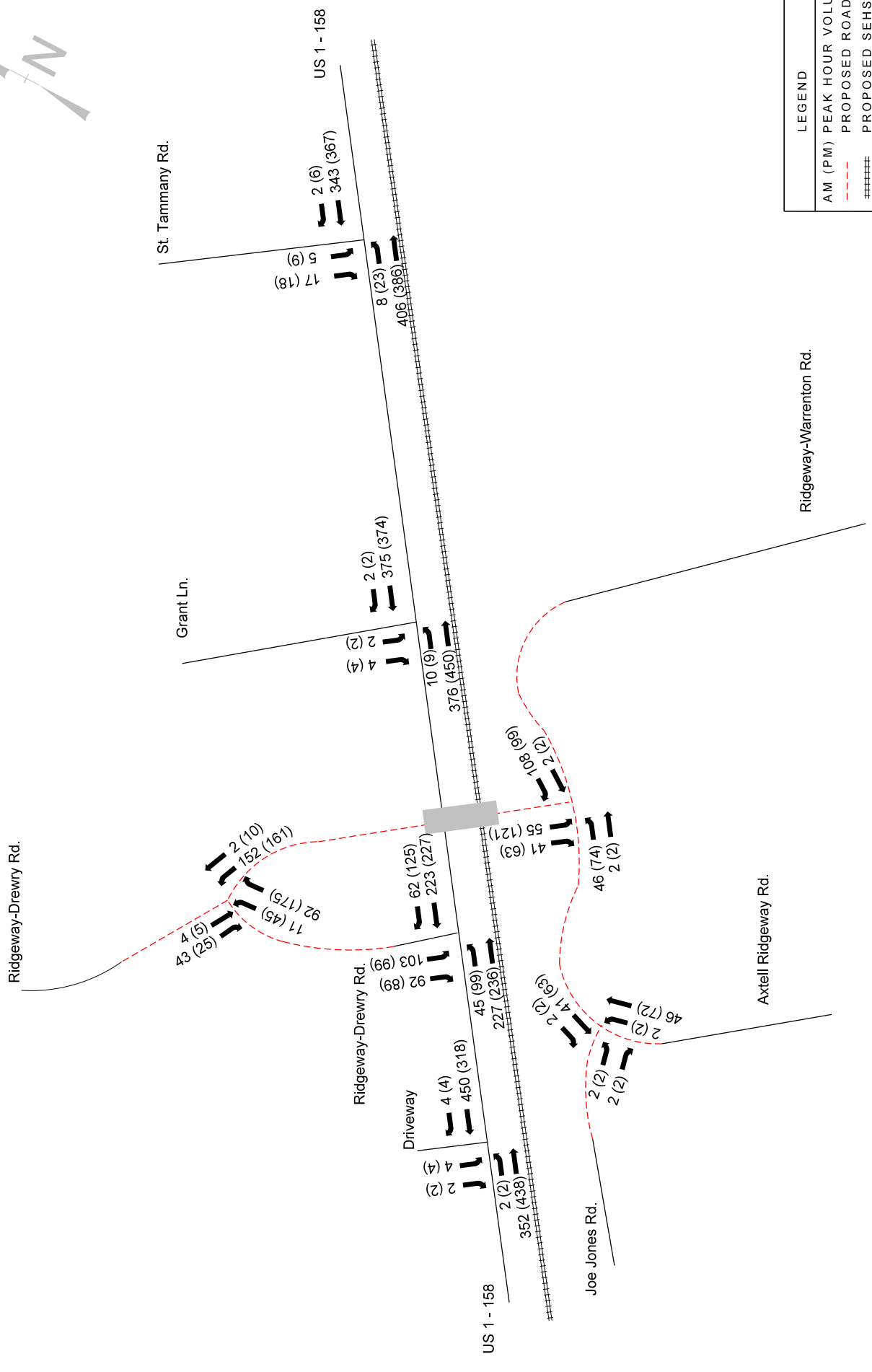
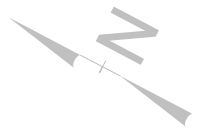
DATE:  
MARCH 2013

SCALE:  
NOT TO SCALE

FIGURE 22







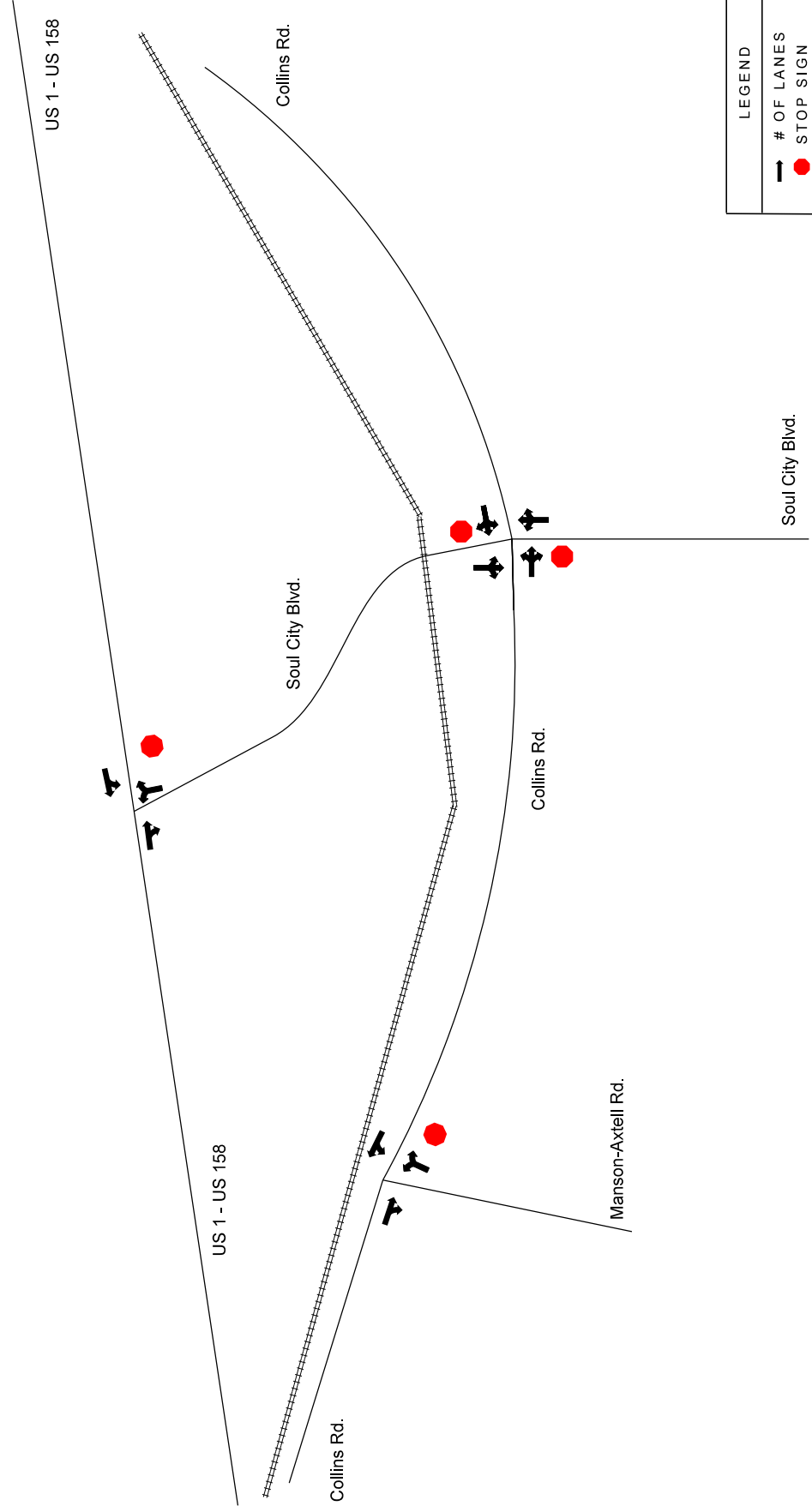
LEGEND	
AM (PM)	PEAK HOUR VOLUMES
---	PROPOSED ROADWAY
=====	PROPOSED SEHSR LOCATION

PREPARED BY:

SEHSR  
Norlina, NC  
2030 Build Volumes

DATE:	MARCH 2013
SCALE:	NOT TO SCALE

FIGURE 24

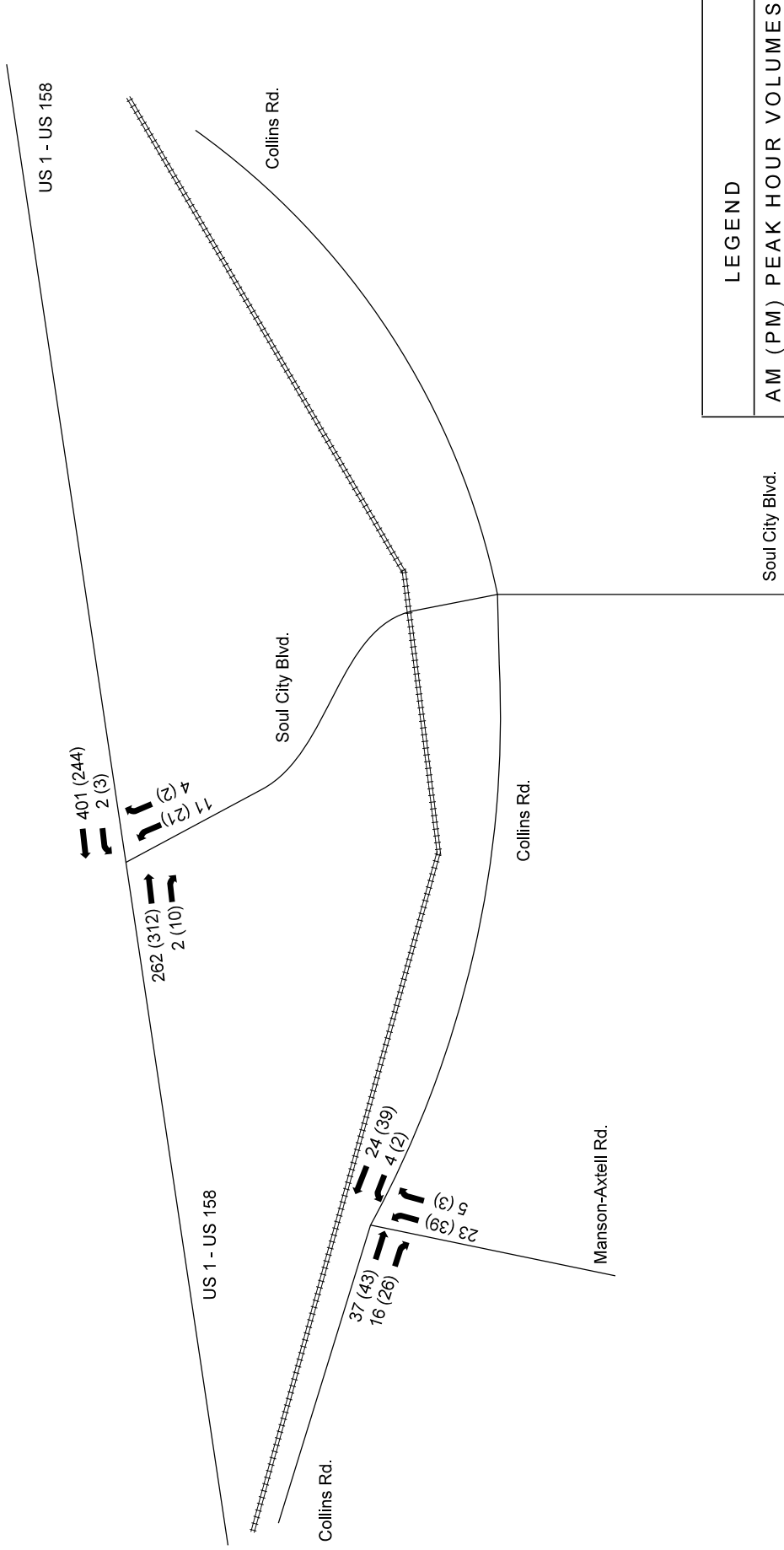


LEGEND	
	# OF LANES
	STOP SIGN
	EXISTING RAIL
	LOCATION

DATE: MARCH 2013  
SCALE: NOT TO SCALE

SEHSR  
Soul City, NC  
Existing Laneage

FIGURE 25



LEGEND

AM (PM) PEAK HOUR VOLUMES  
-----  
EXISTING RAIL LOCATION

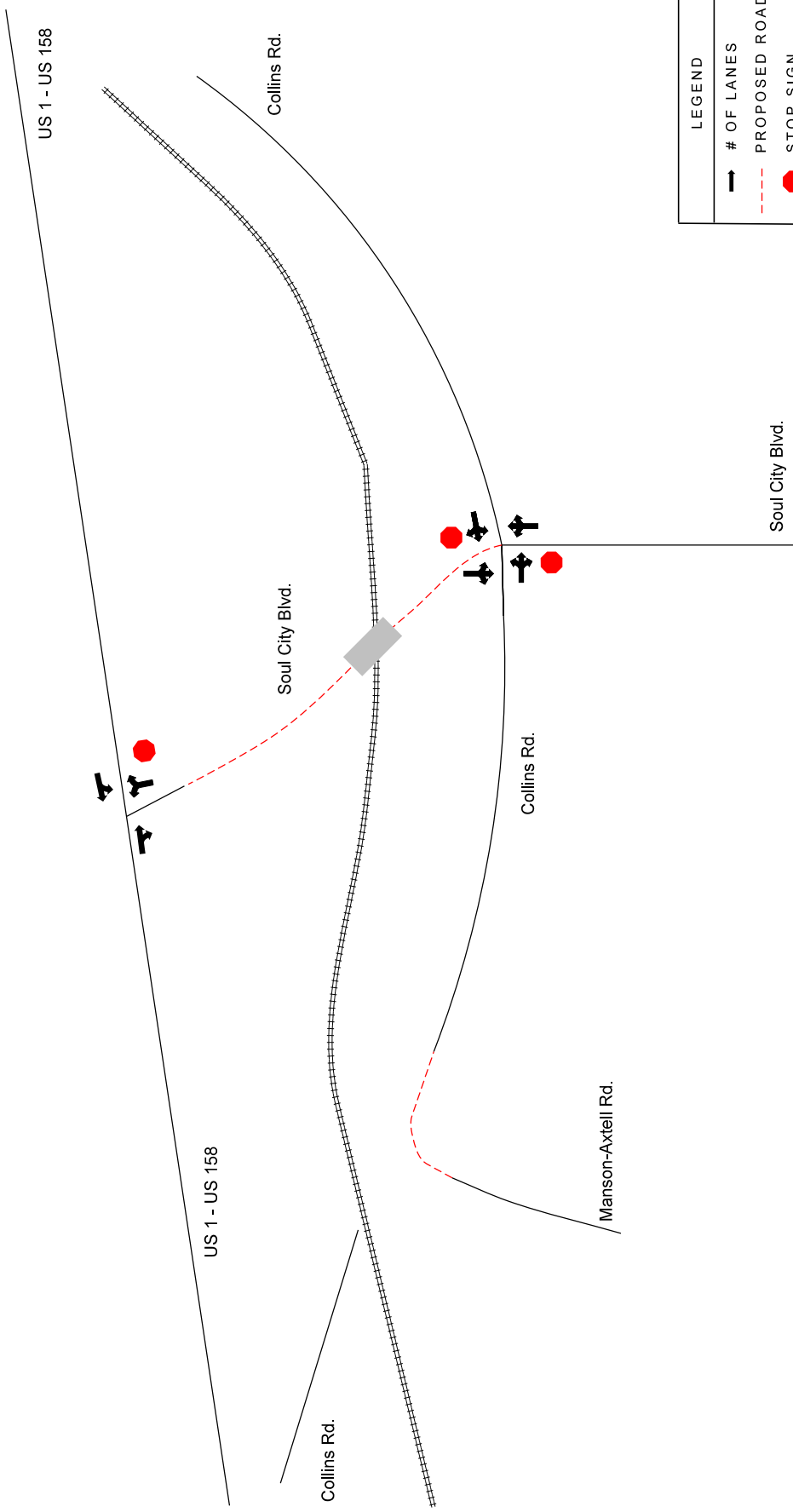
DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
Soul City, NC  
2030 No Build Volumes



FIGURE 26



LEGEND	
	# OF LANES
	PROPOSED ROADWAY
	STOP SIGN
	PROPOSED SEHSR LOCATION

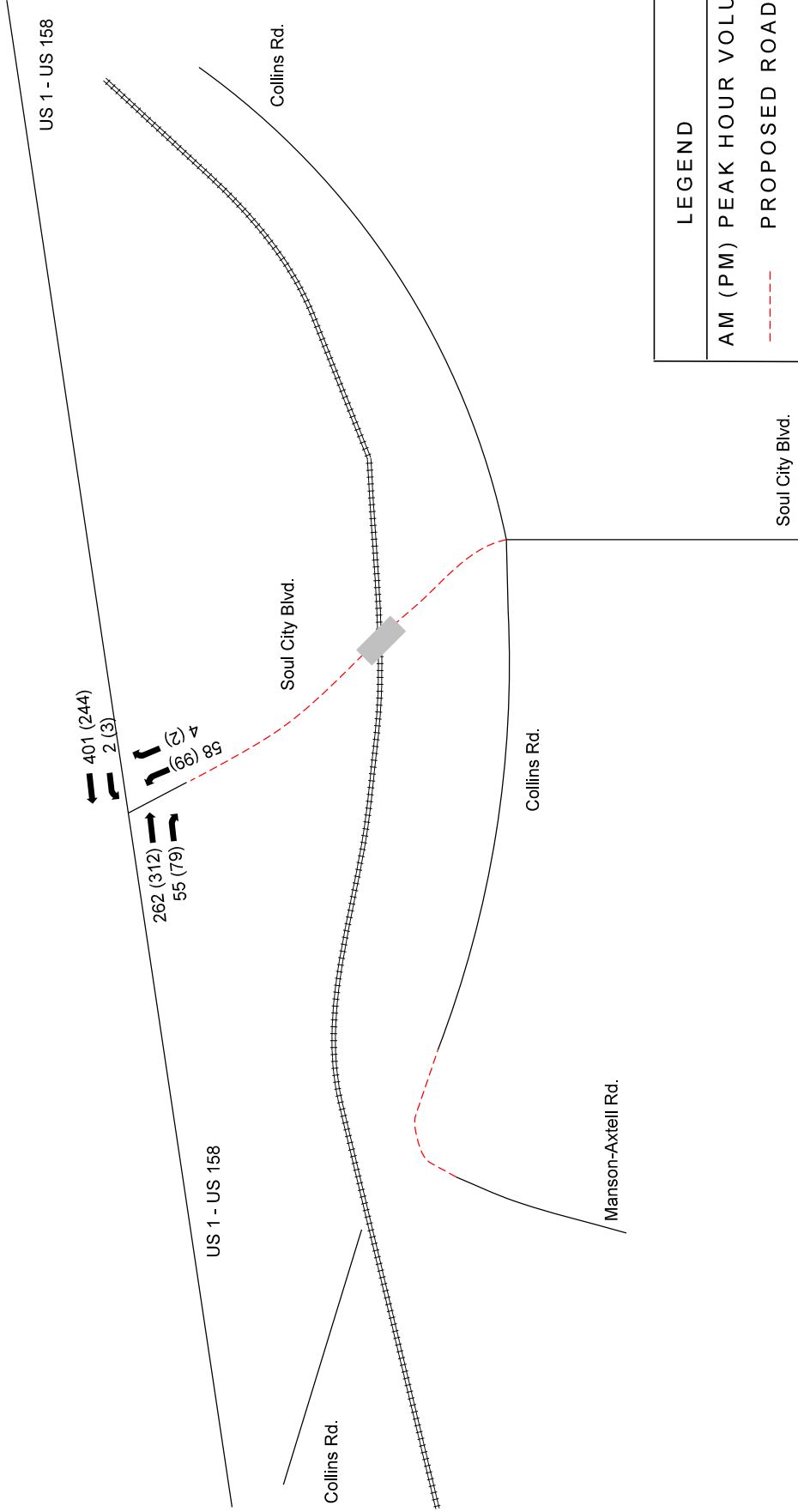


SEHSR  
Soul City, NC  
2030 Build Laneage

DATE: MARCH 2013

SCALE: NOT TO SCALE

FIGURE 27



LEGEND

- AM (PM) PEAK HOUR VOLUMES
- PROPOSED ROADWAY
- PROPOSED SEHSR LOCATION

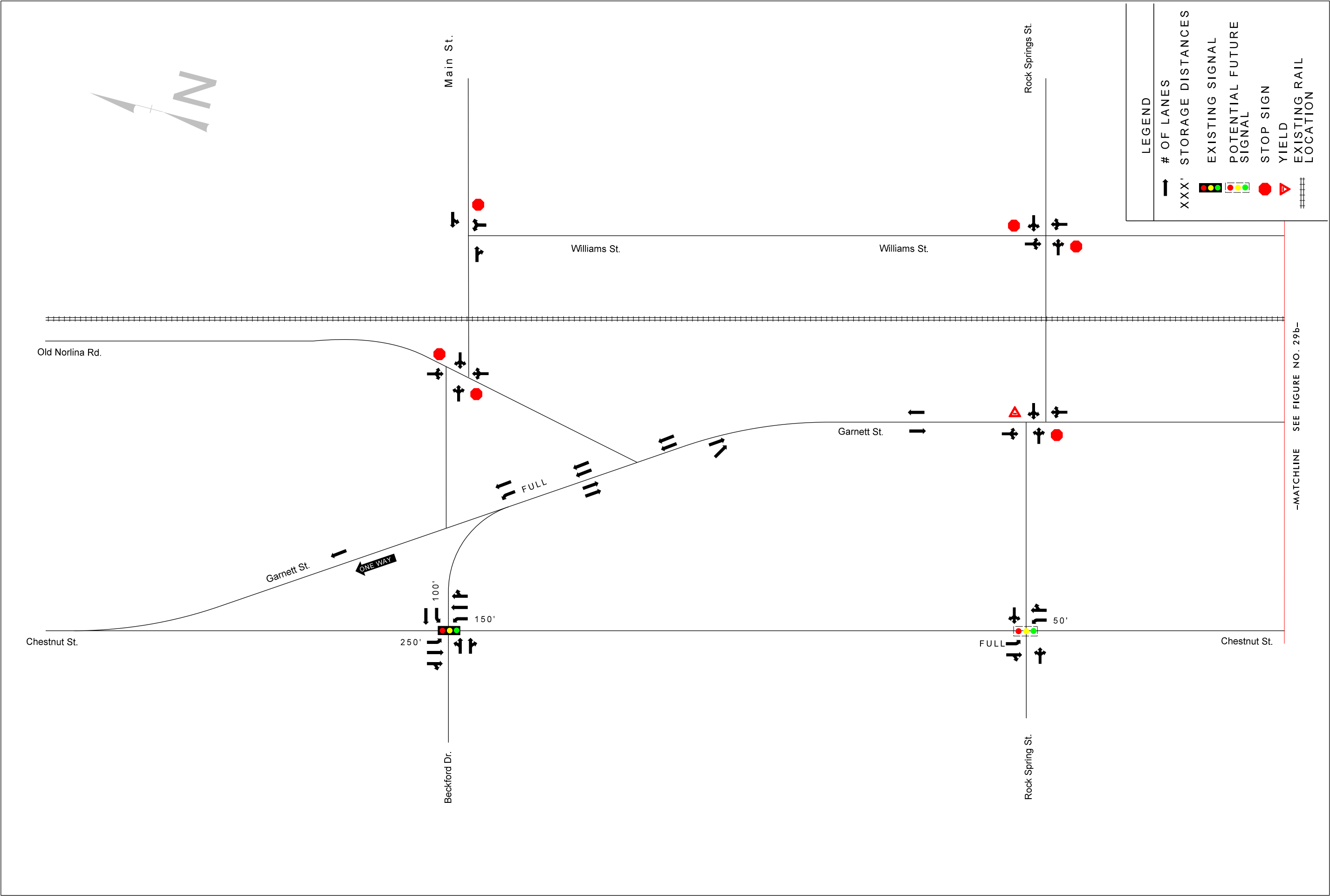
DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
Soul City, NC  
2030 Build Volumes



FIGURE 28



PREPARED BY:

FIGURE 29a

DATE:

MARCH 2013

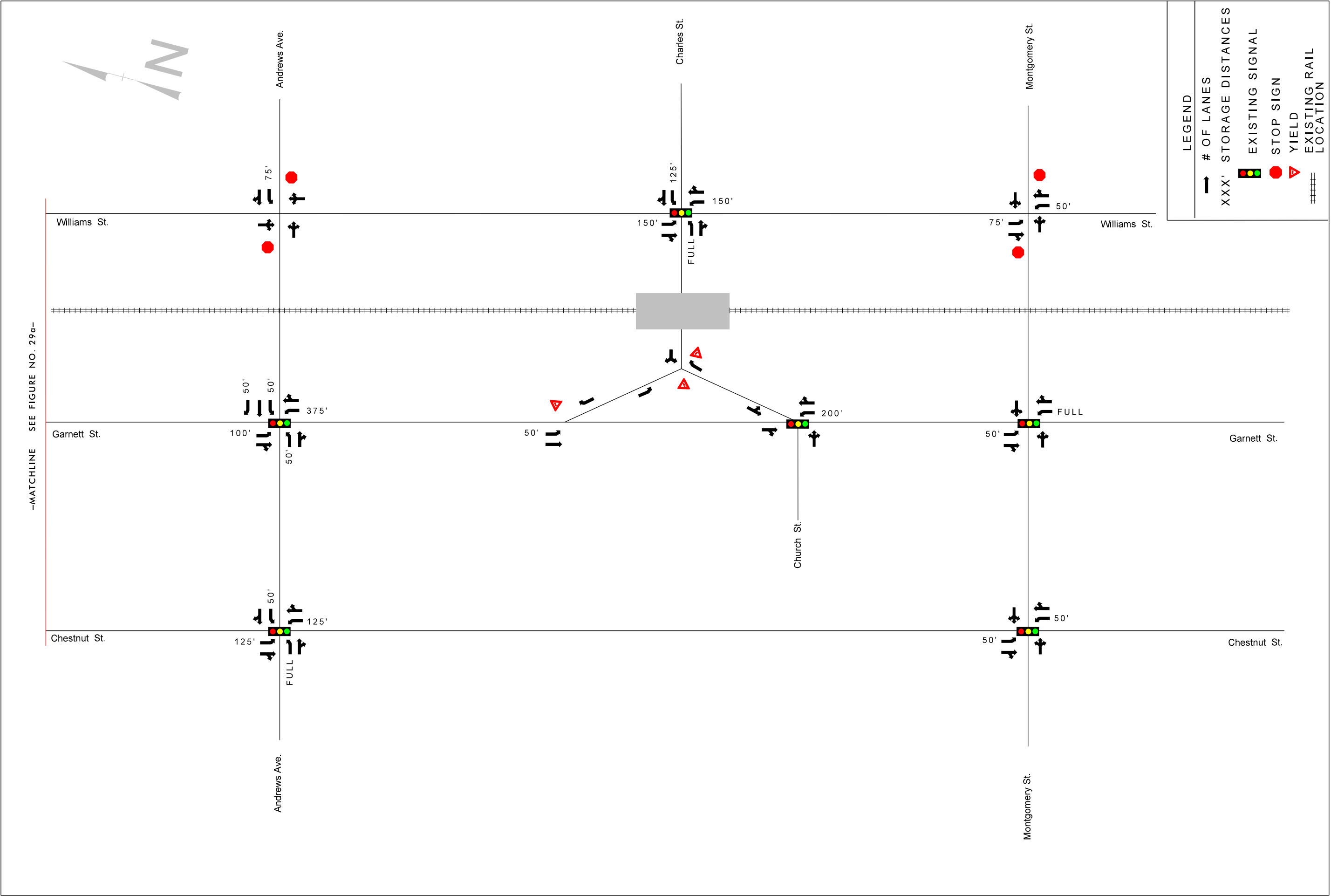
SCALE:

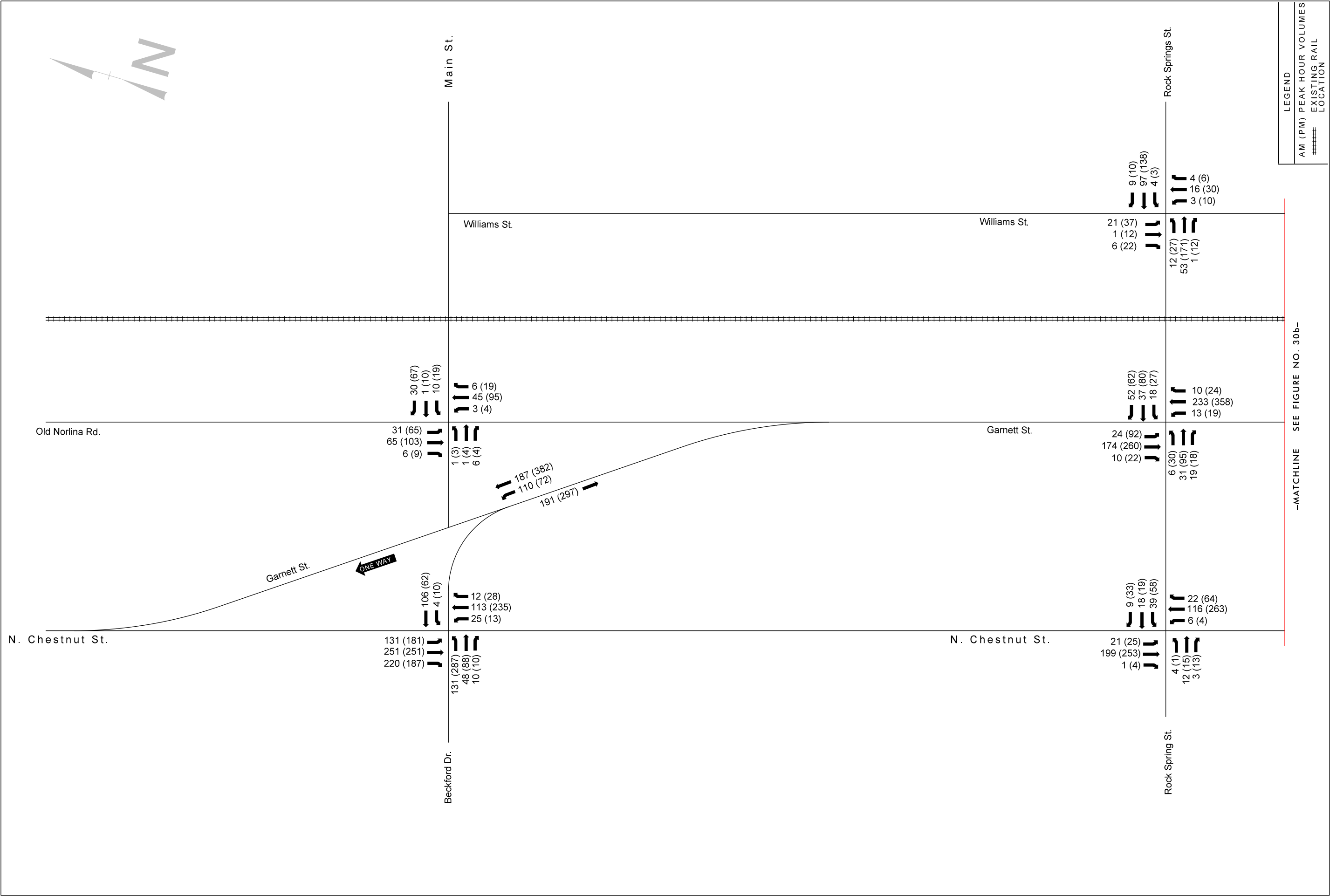
NOT TO SCALE

SEHSR  
Henderson, NC  
Existing Laneage

PREPARED BY:

Hatch Mott  
MacDonald





**FIGURE 30a**

DATE: MARCH 2013

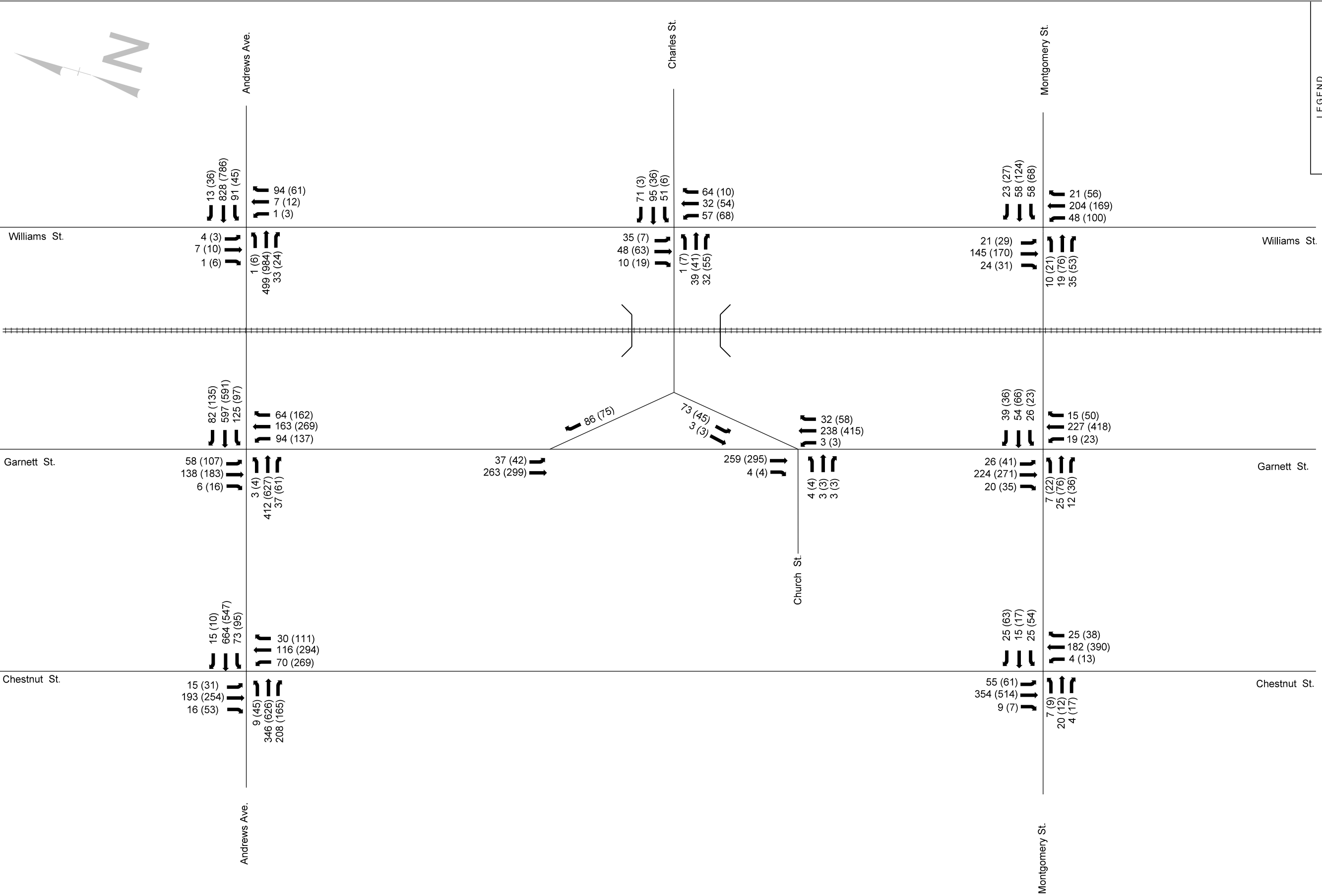
SCALE: NOT TO SCALE

SEHSR  
Henderson, NC  
2030 No Build Volumes

PREPARED BY:



—MATCHLINE SEE FIGURE NO. 30a—

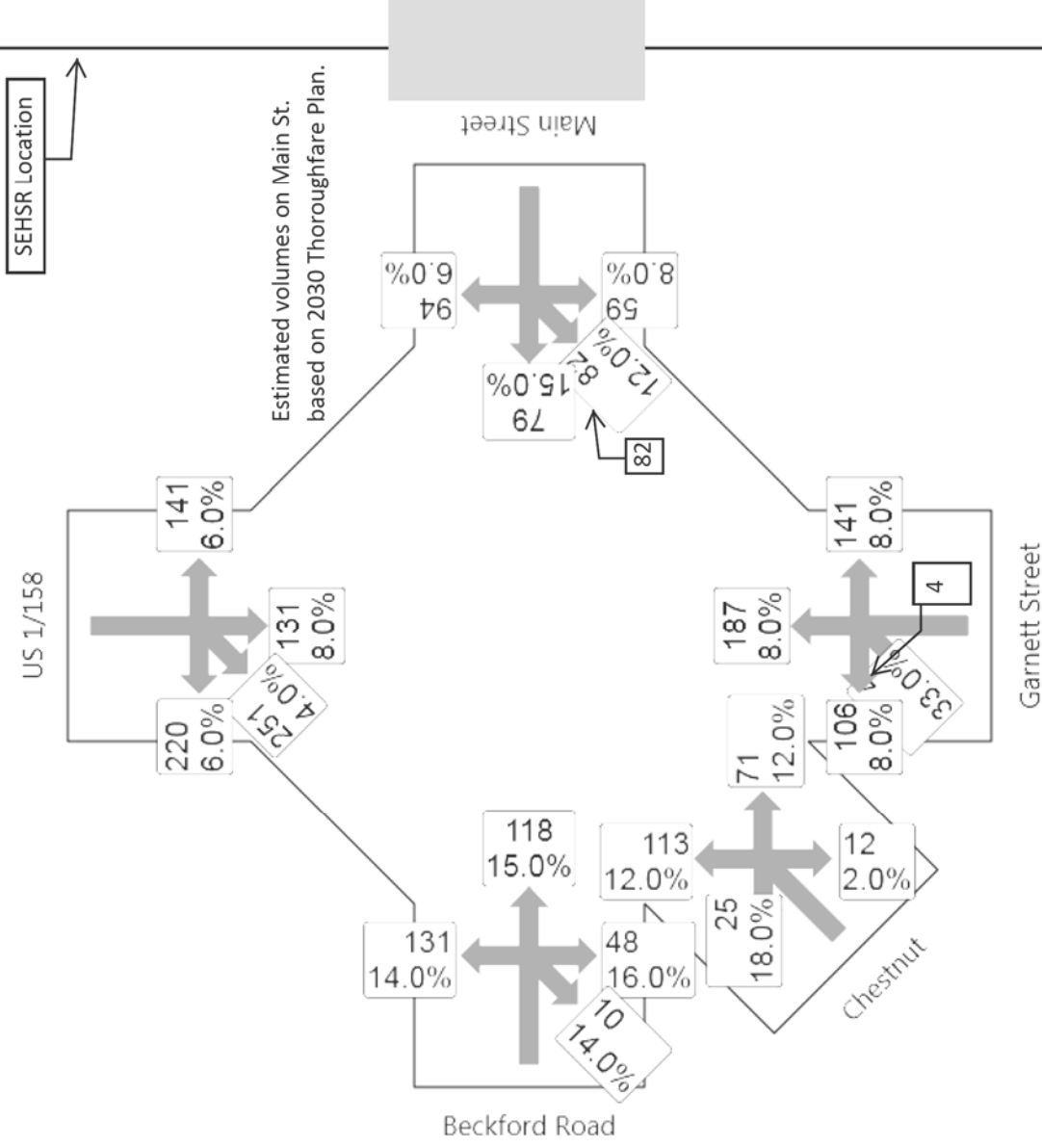


**FIGURE 30b**

**SEHSR  
Henderson, NC  
2030 No Build Volumes**



2030 Build AM  
Volumes  
T%



DATE: MARCH 2013

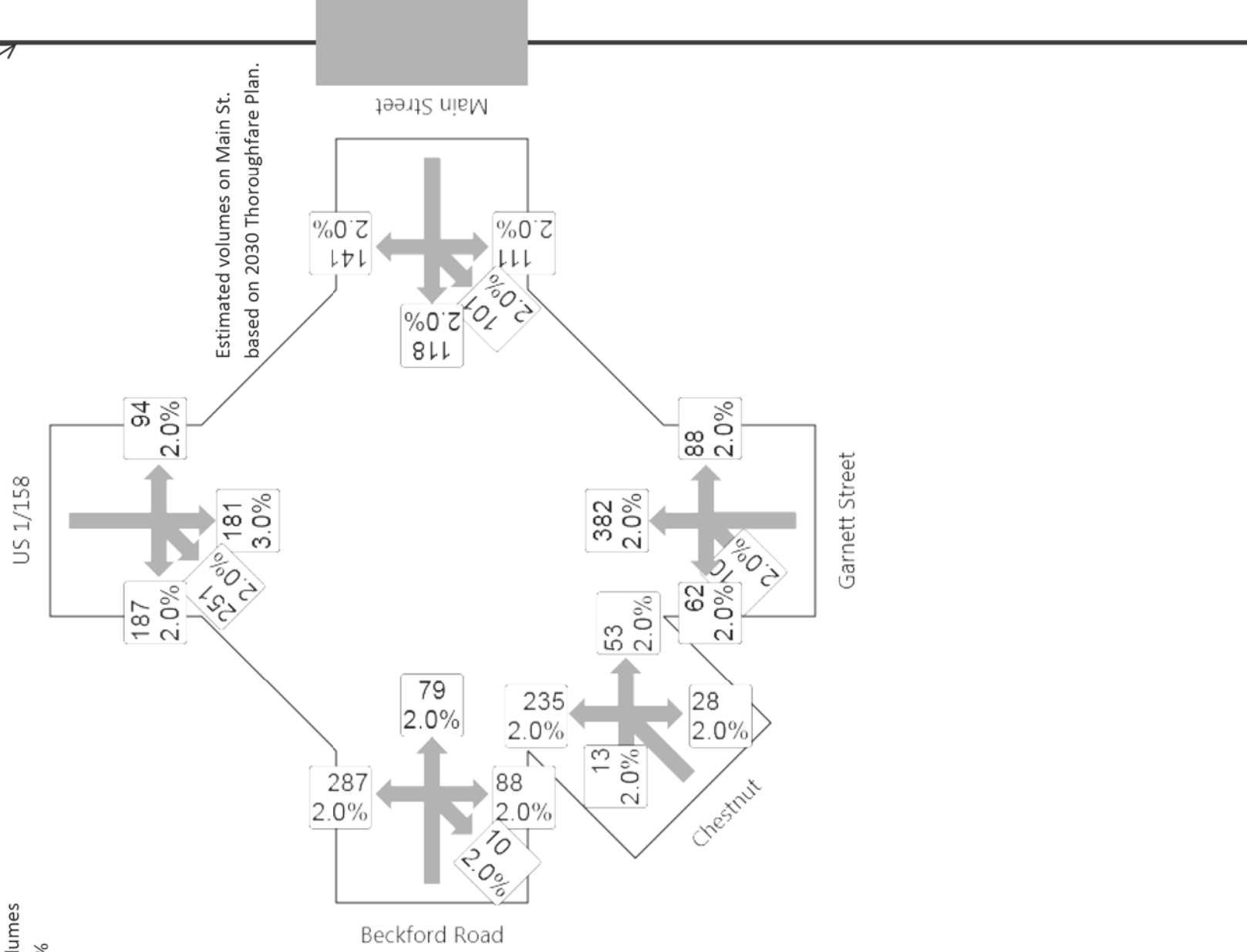
SCALE: NOT TO SCALE

SEHSR  
Henderson, NC  
2030 AM Build Volumes

FIGURE 32a

2030 PM Build

Volumes  
T%

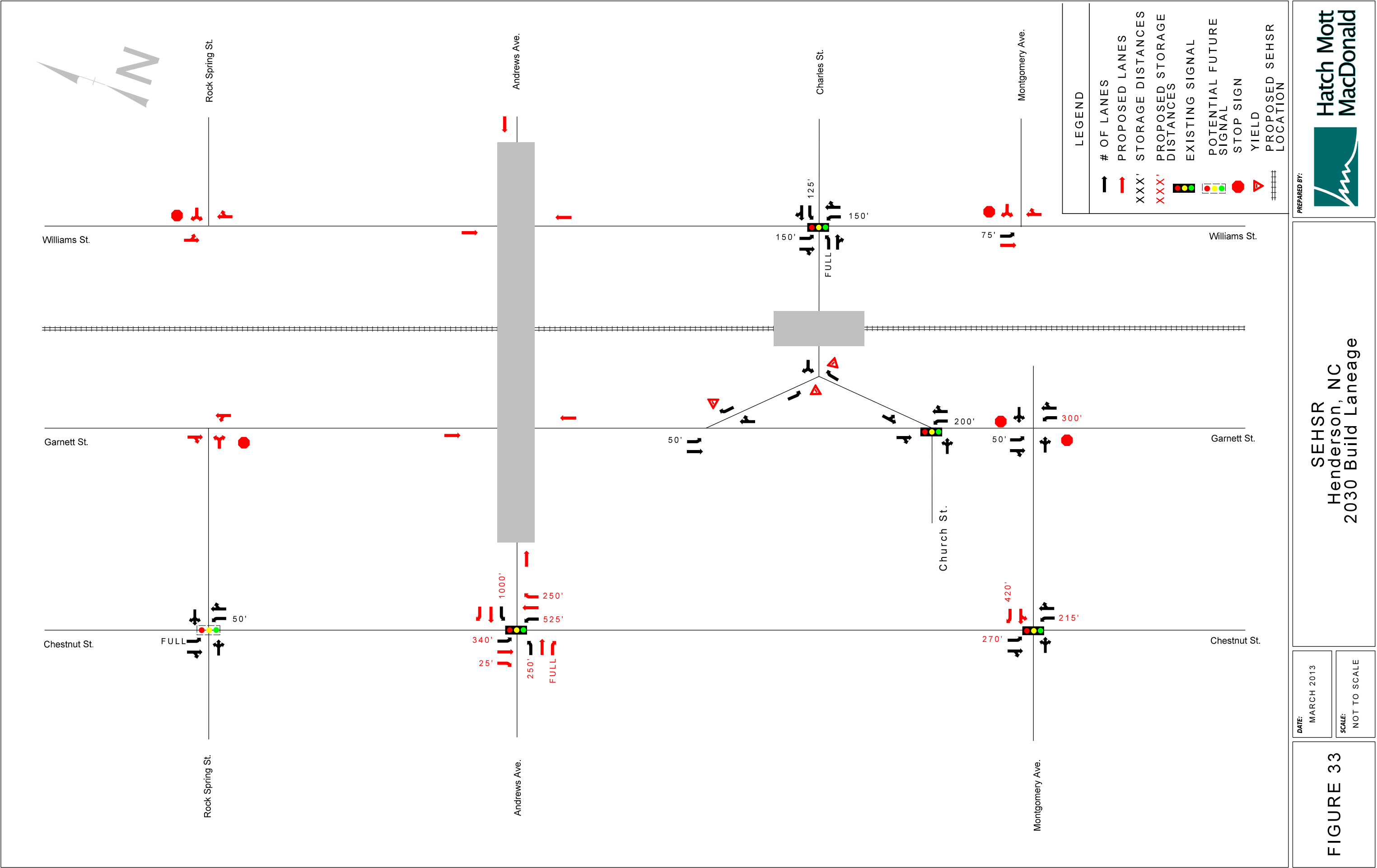


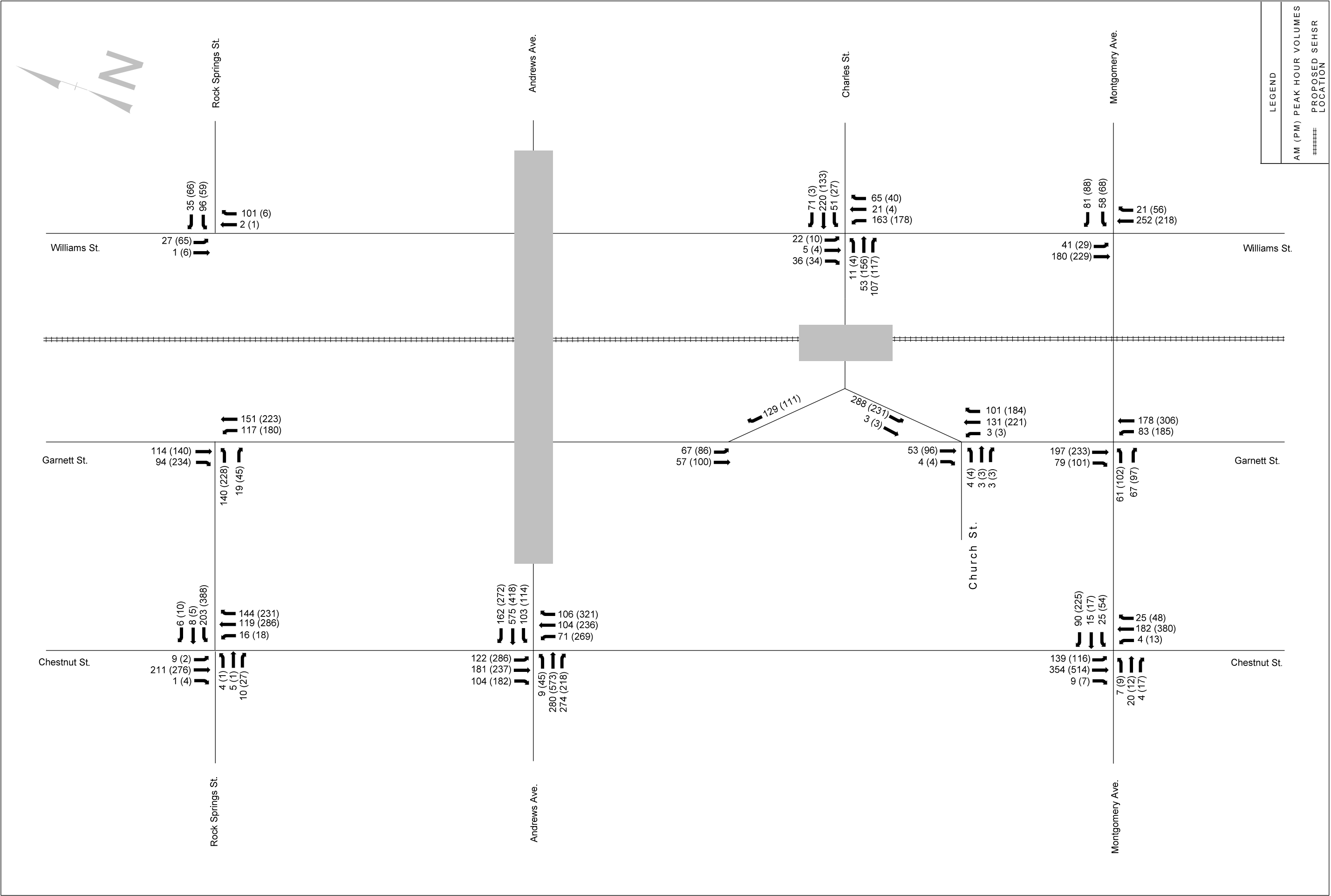
DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
Henderson, NC  
2030 PM Build Volumes

FIGURE 32b





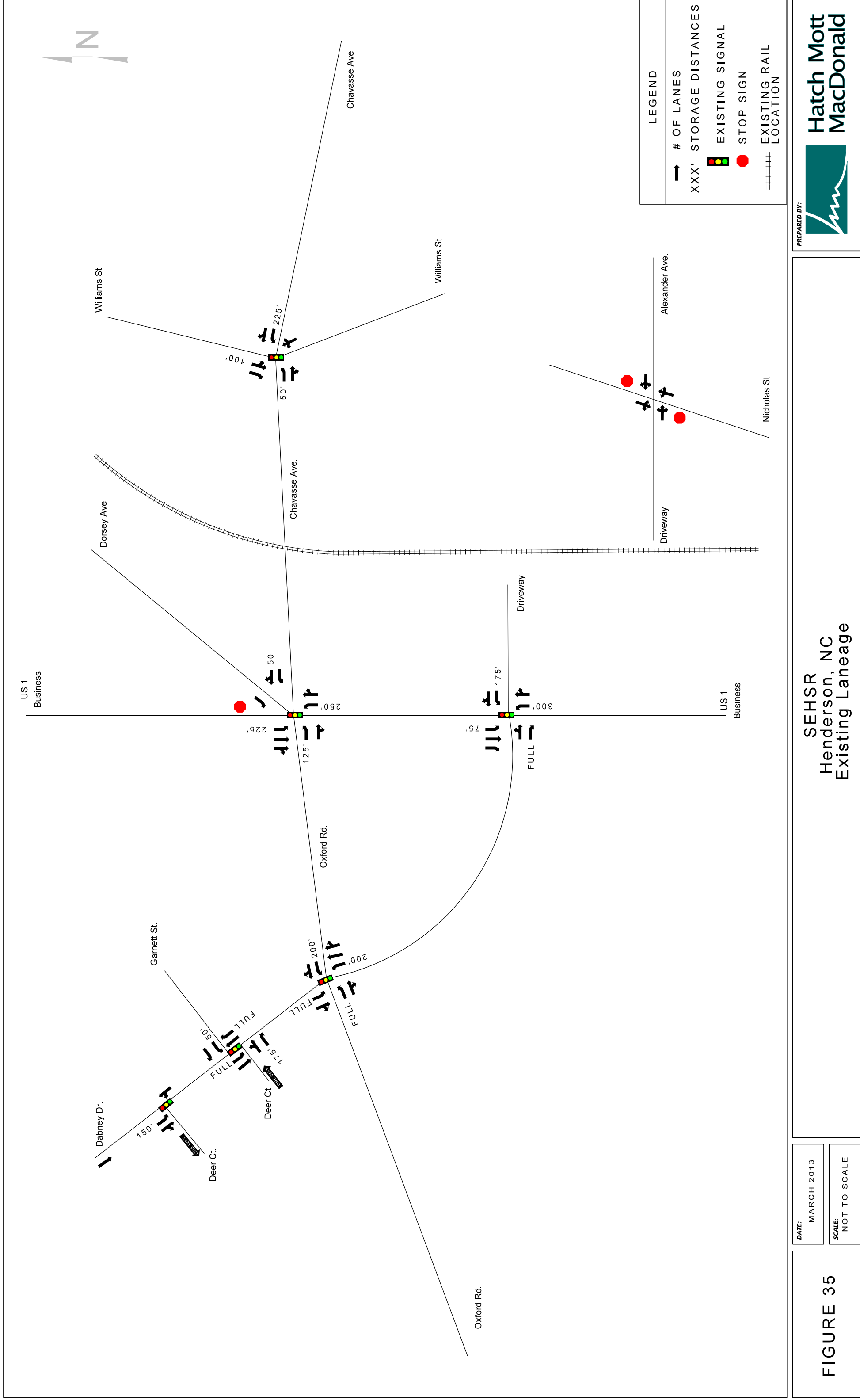
**FIGURE 34**

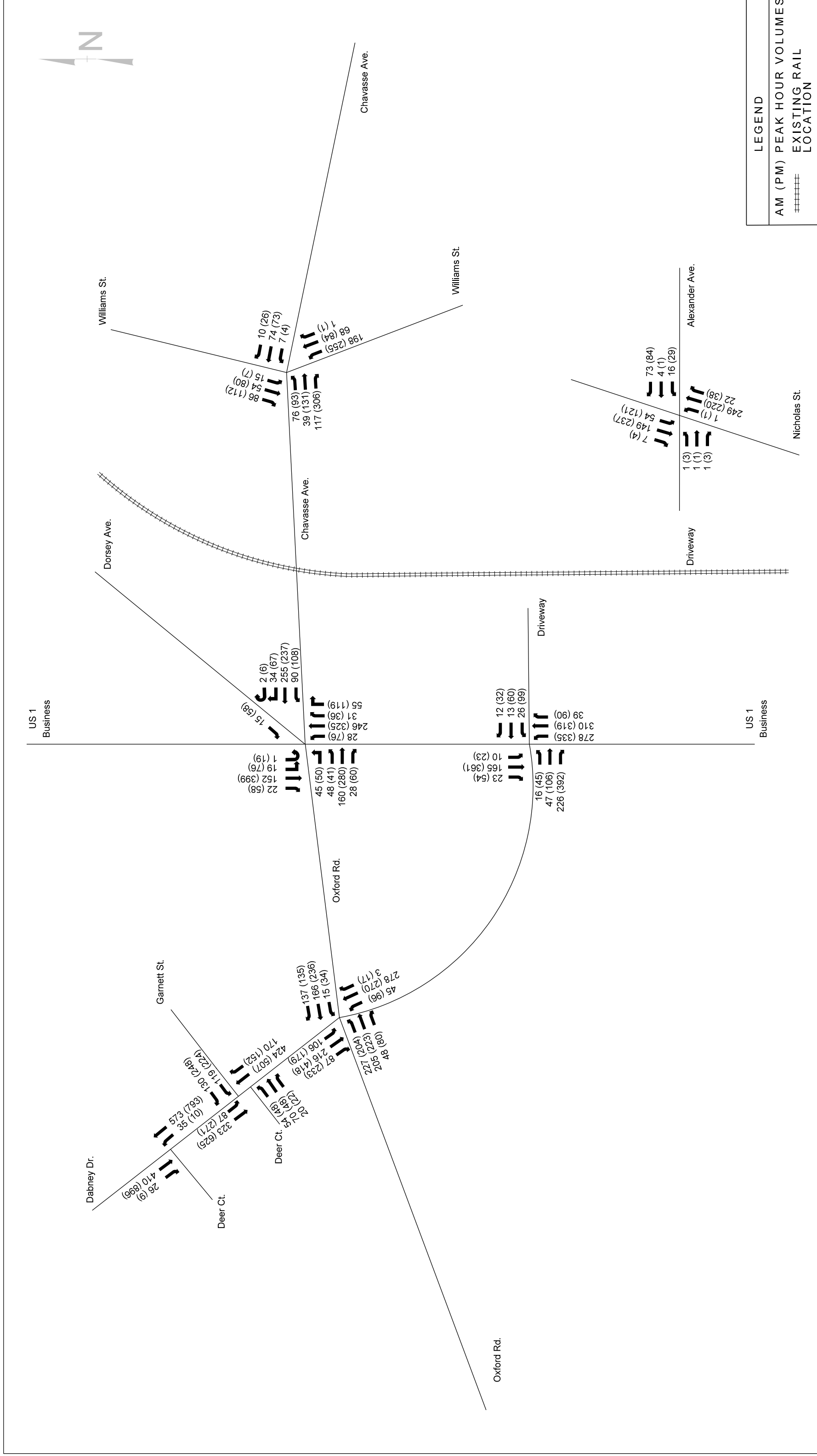
**SEHSR Henderson, NC 2030 Build Volumes**

**PREPARED BY:** Hatch Mott MacDonald

**DATE:** MARCH 2013


**SCALE:** NOT TO SCALE





**FIGURE 36**

<b>DATE:</b> MARCH 2013	<p><b>SEHSR</b> Henderson, NC 2030 No Build Volumes</p>
<b>SCALE:</b> NOT TO SCALE	

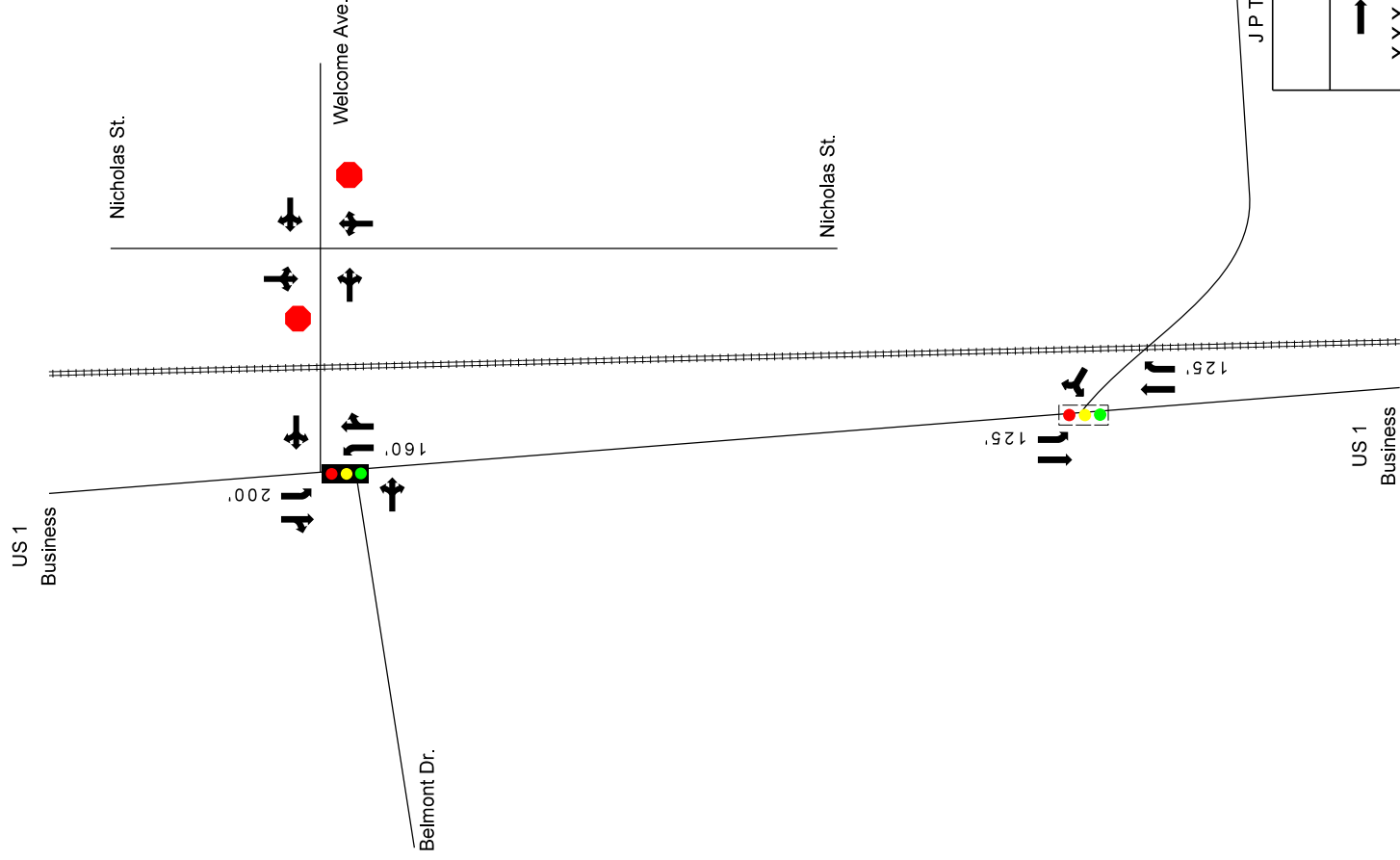


**Hatch Mott  
MacDonald**









LEGEND

- ➔ # OF LANES
- XXX' STORAGE DISTANCES
- EXISTING SIGNAL
- POTENTIAL FUTURE SIGNAL
- STOP SIGN
- EXISTING RAIL LOCATION

DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
Henderson, NC  
Existing Laneage

PREPARED BY:



Hatch Mott  
MacDonald

FIGURE 39



US 1  
Business

Nicholas St.

32 (66)  
318 (693)  
15 (38)

17 (29)  
51 (23)  
12 (13)

5 (5)  
4 (4)  
4 (2)

2 (4)  
68 (45)  
4 (4)

\* The volumes at this intersection are based on a PM count and are reversed for the AM count.

42 (51)  
23 (32)  
275 (383)

587 (291)  
552 (476)  
15 (22)

5 (5)  
45 (68)  
2 (3)

3 (2)  
4 (4)  
4 (4)

Welcome Ave.

Nicholas St.

422 (873)  
178 (242)

244 (162)  
20 (15)

963 (631)  
22 (20)

US 1  
Business

J P Taylor Rd.

LEGEND

AM (PM) PEAK HOUR VOLUMES

#####  
EXISTING RAIL  
LOCATION

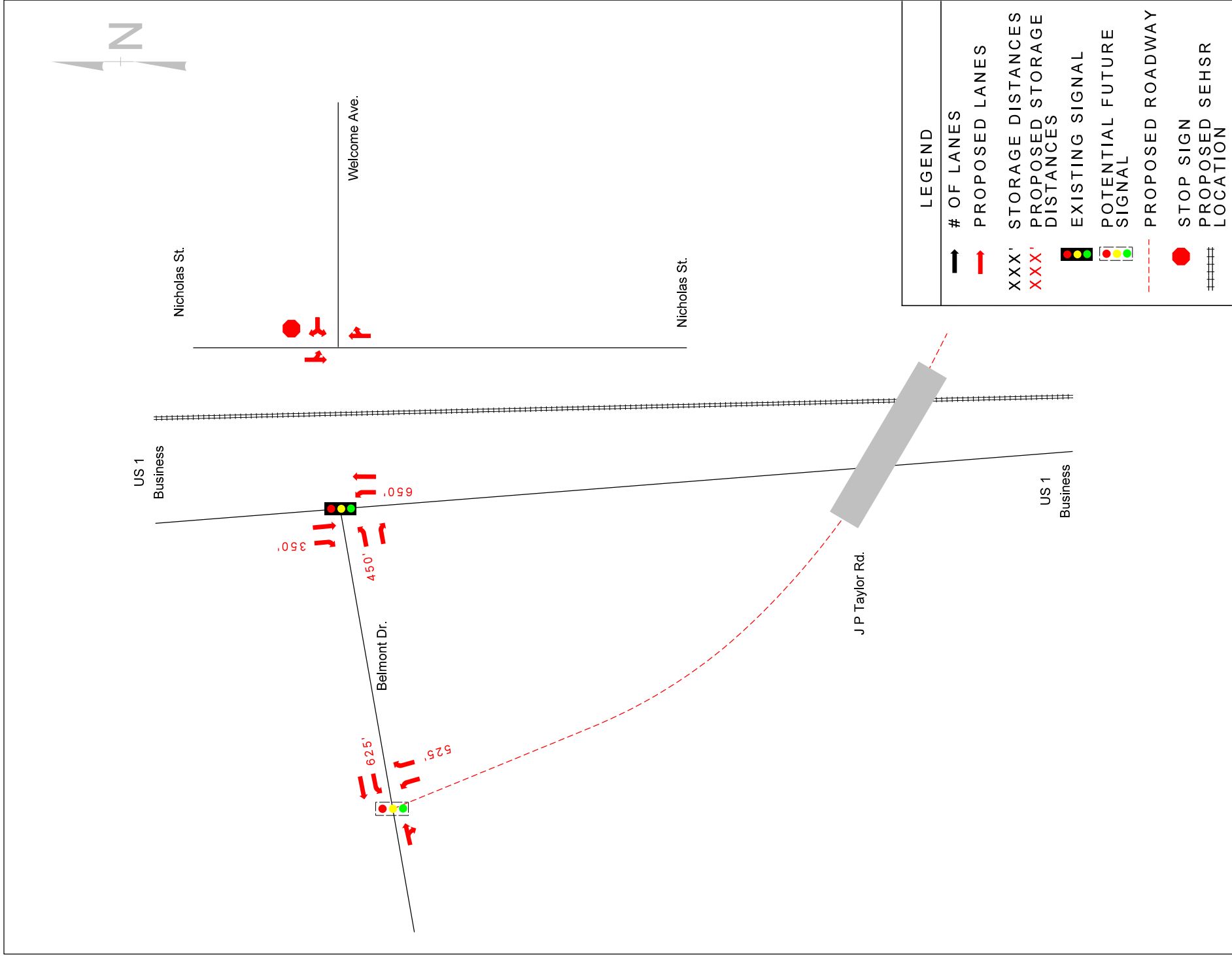
DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
Henderson, NC  
2030 No Build Volumes



FIGURE 40

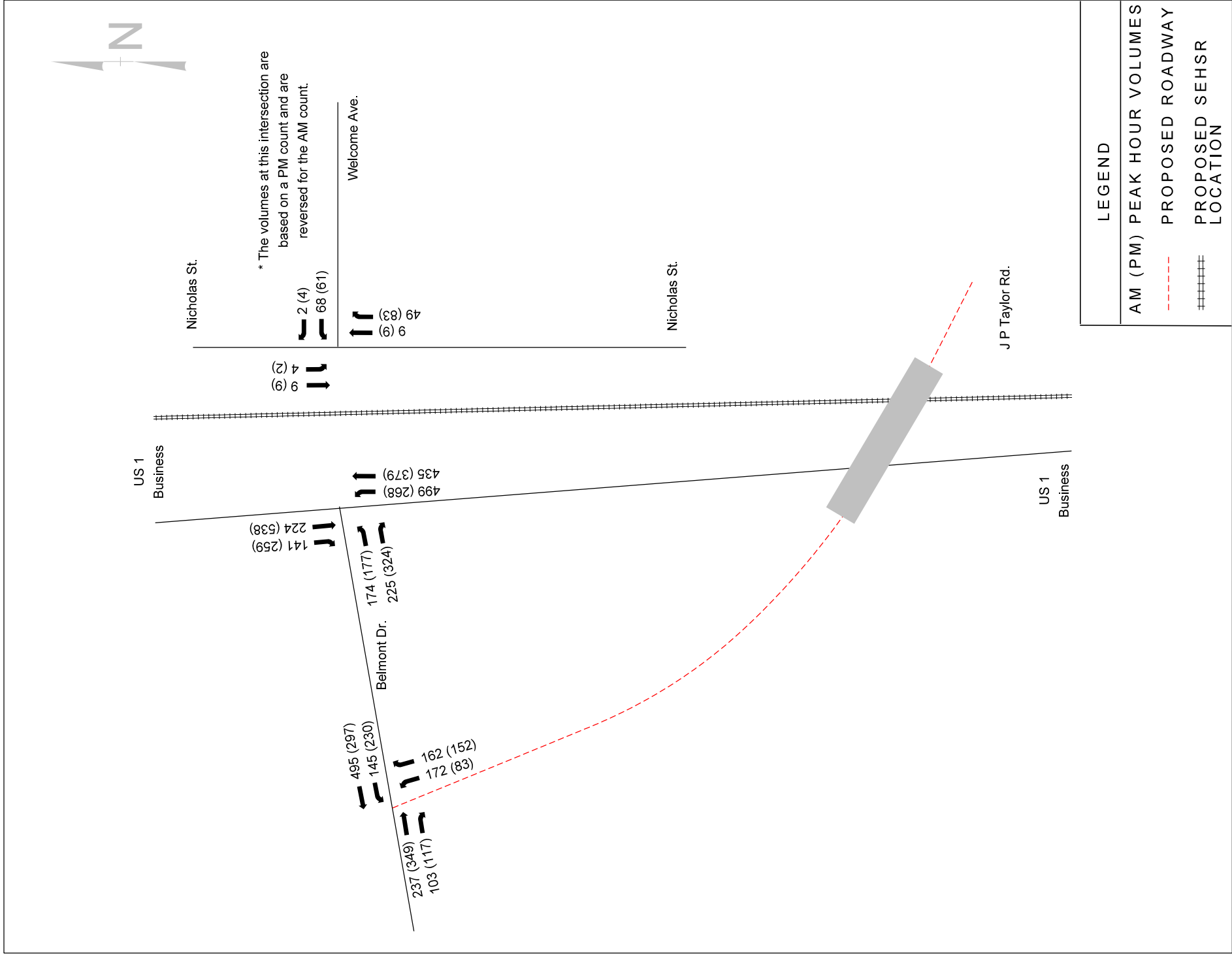


DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
Henderson, NC  
2030 Build Laneage

FIGURE 41



DATE: MARCH 2013

# SEHSR Henderson, NC 2030 Build Volumes

SCALE: NOT TO SCALE

FIGURE 42



DATE: MARCH 2013

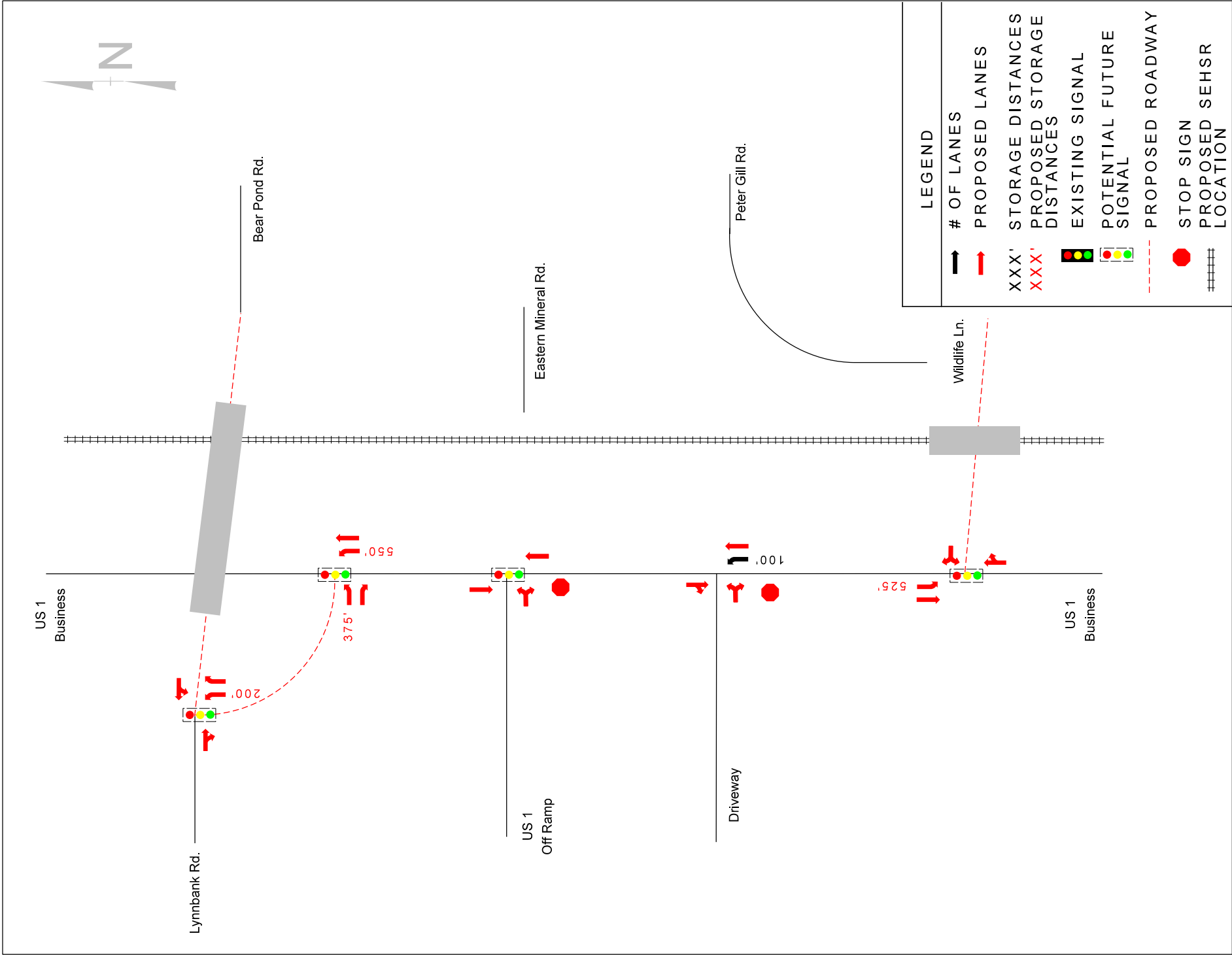
SCALE: NOT TO SCALE

SEHSR  
Henderson, NC  
Existing Laneage

FIGURE 43





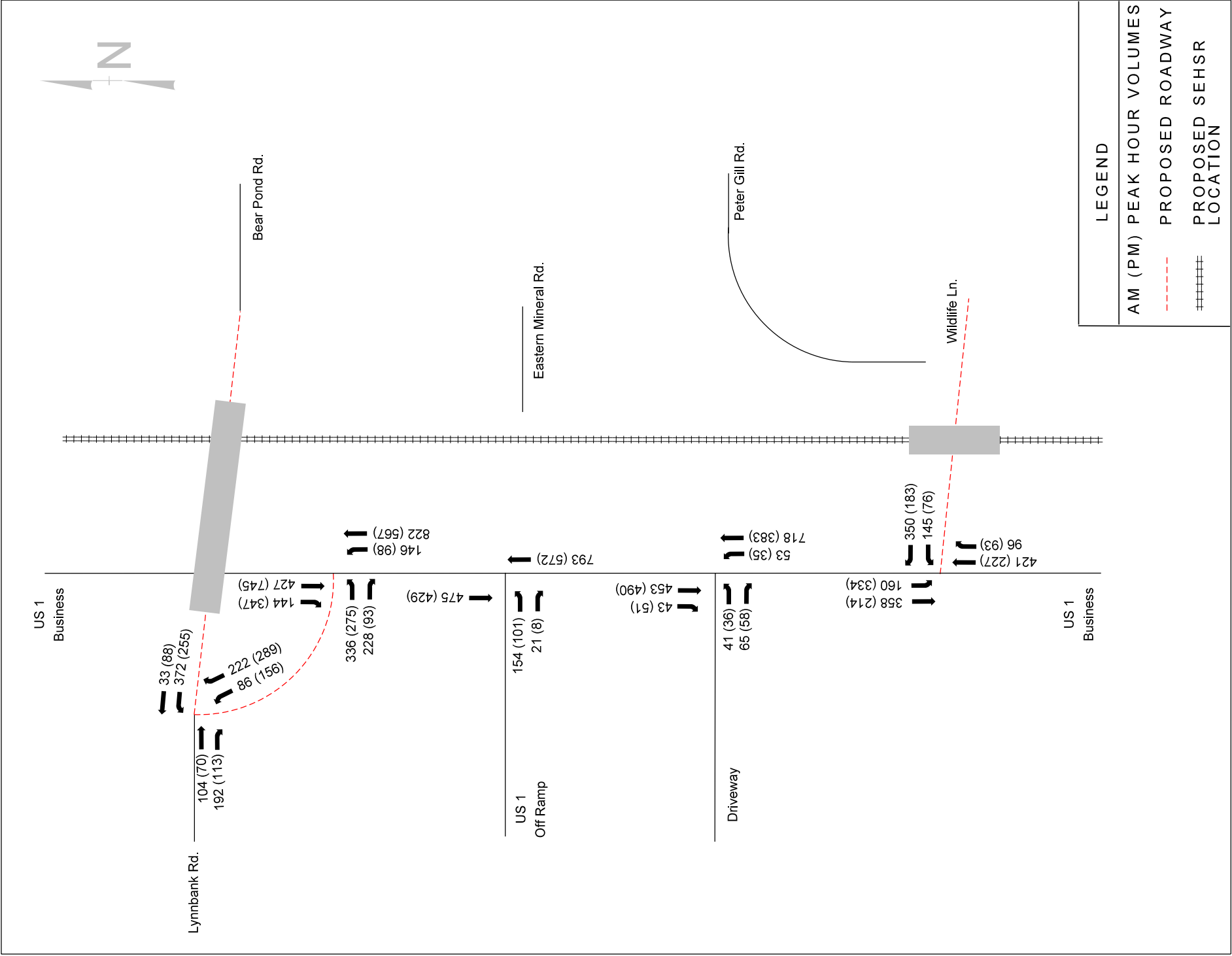


DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
Henderson, NC  
2030 Build Laneage

**FIGURE 45**

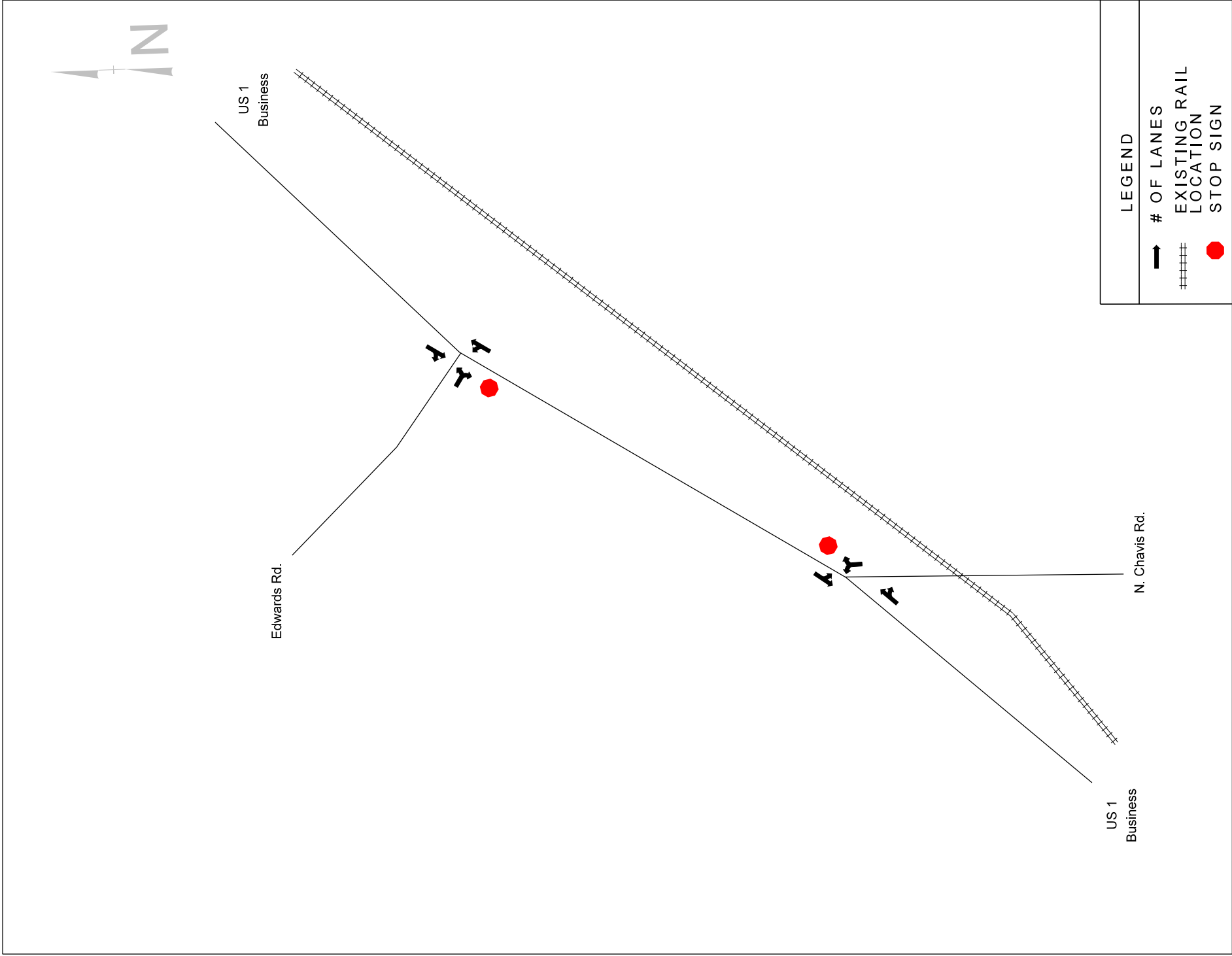


DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
Henderson, NC  
2030 Build Volumes

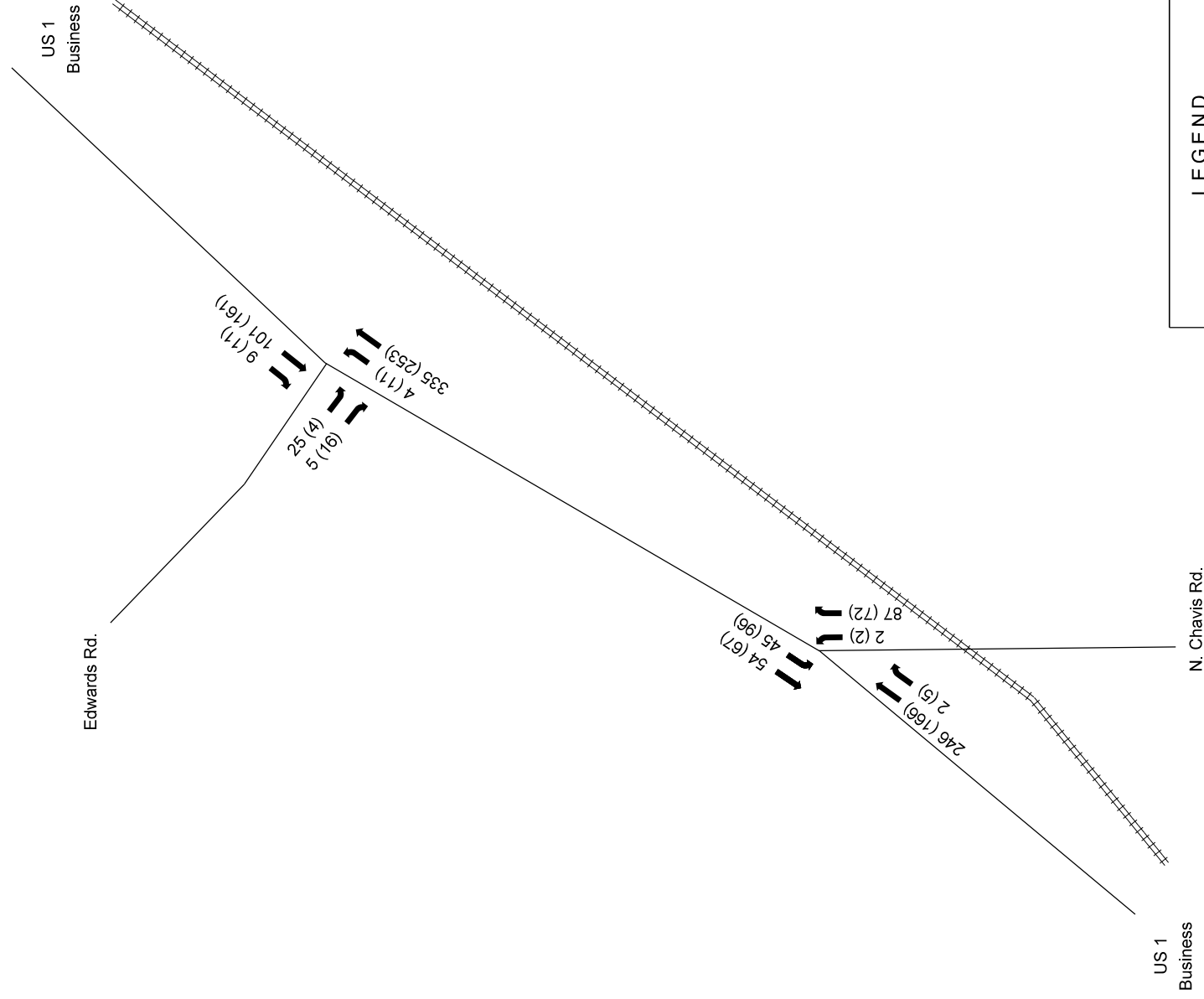
**FIGURE 46**



DATE: MARCH 2013

SCALE: NOT TO SCALE

**FIGURE 47**



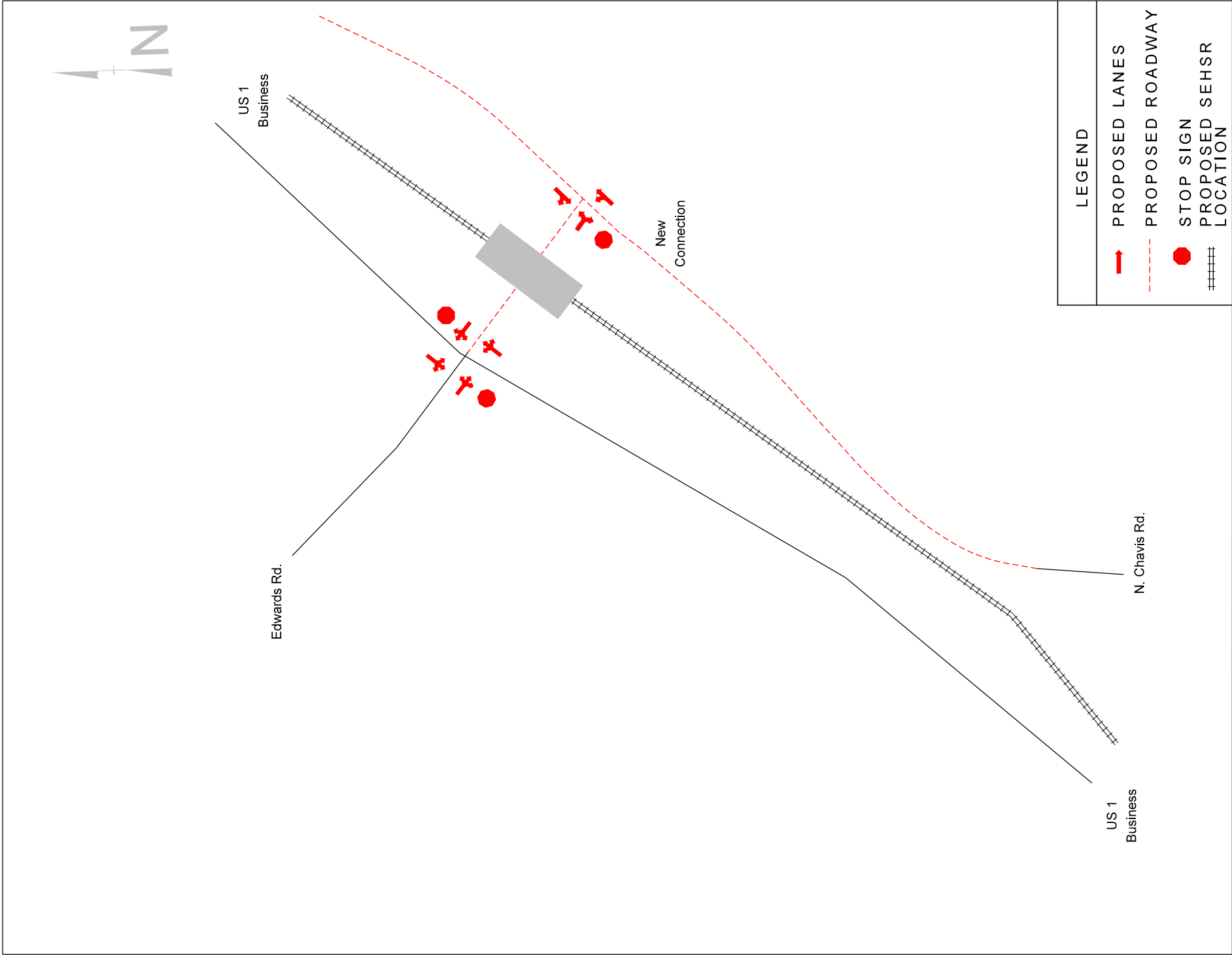
LEGEND

AM (PM)	PEAK HOUR VOLUMES
-----	EXISTING RAIL LOCATION

FIGURE 48

SEHSR  
Kittrell, NC  
2030 No Build Volumes

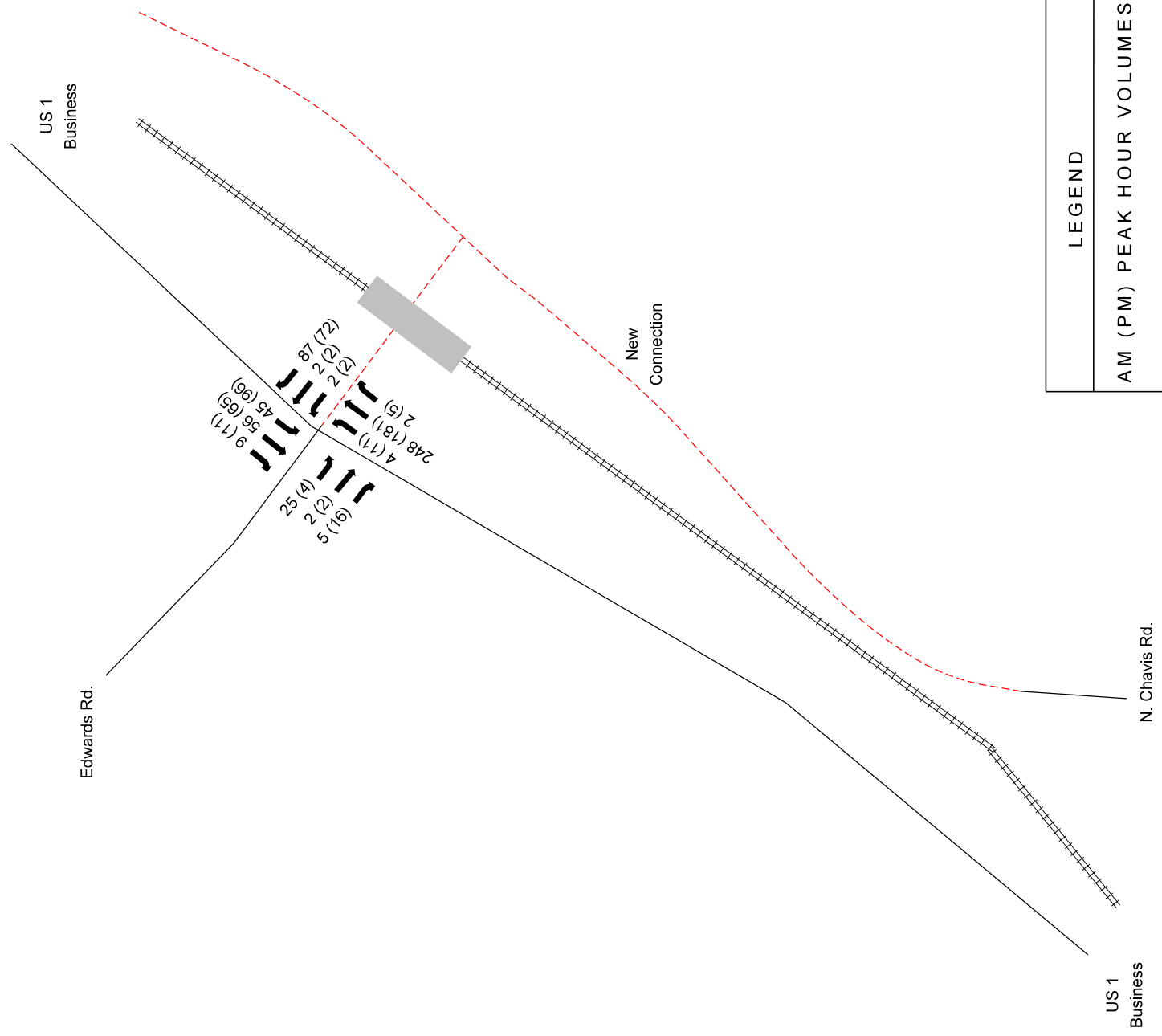
DATE: MARCH 2013  
SCALE: NOT TO SCALE



**FIGURE 49**

DATE: MARCH 2013  
SCALE: NOT TO SCALE

**SEHSR  
Kittrell, NC  
2030 Build Laneage**



LEGEND

AM (PM) PEAK HOUR VOLUMES

--- PROPOSED ROADWAY

#### PROPOSED SEHSR LOCATION

DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
Kittrell, NC  
2030 Build Volumes



FIGURE 50

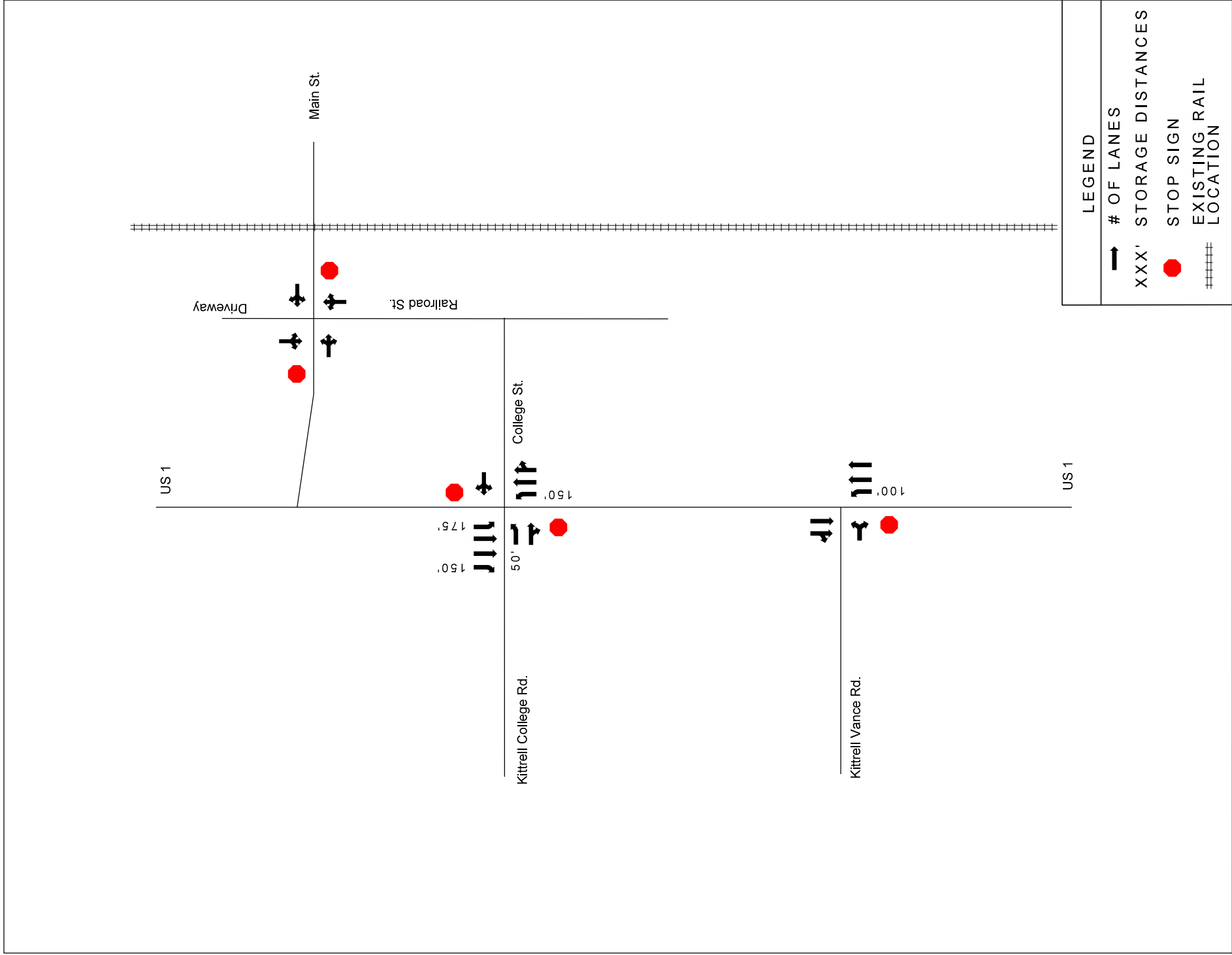
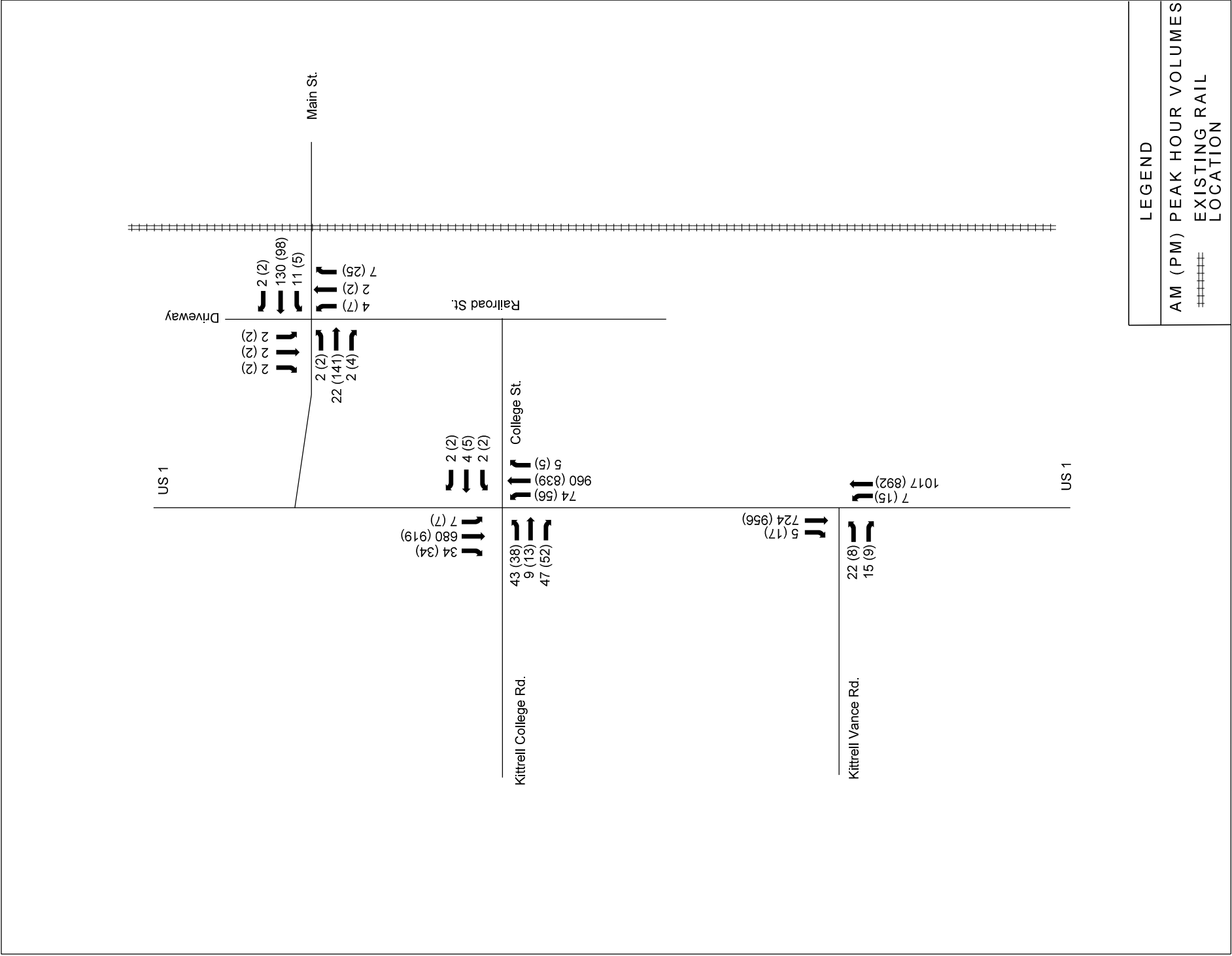


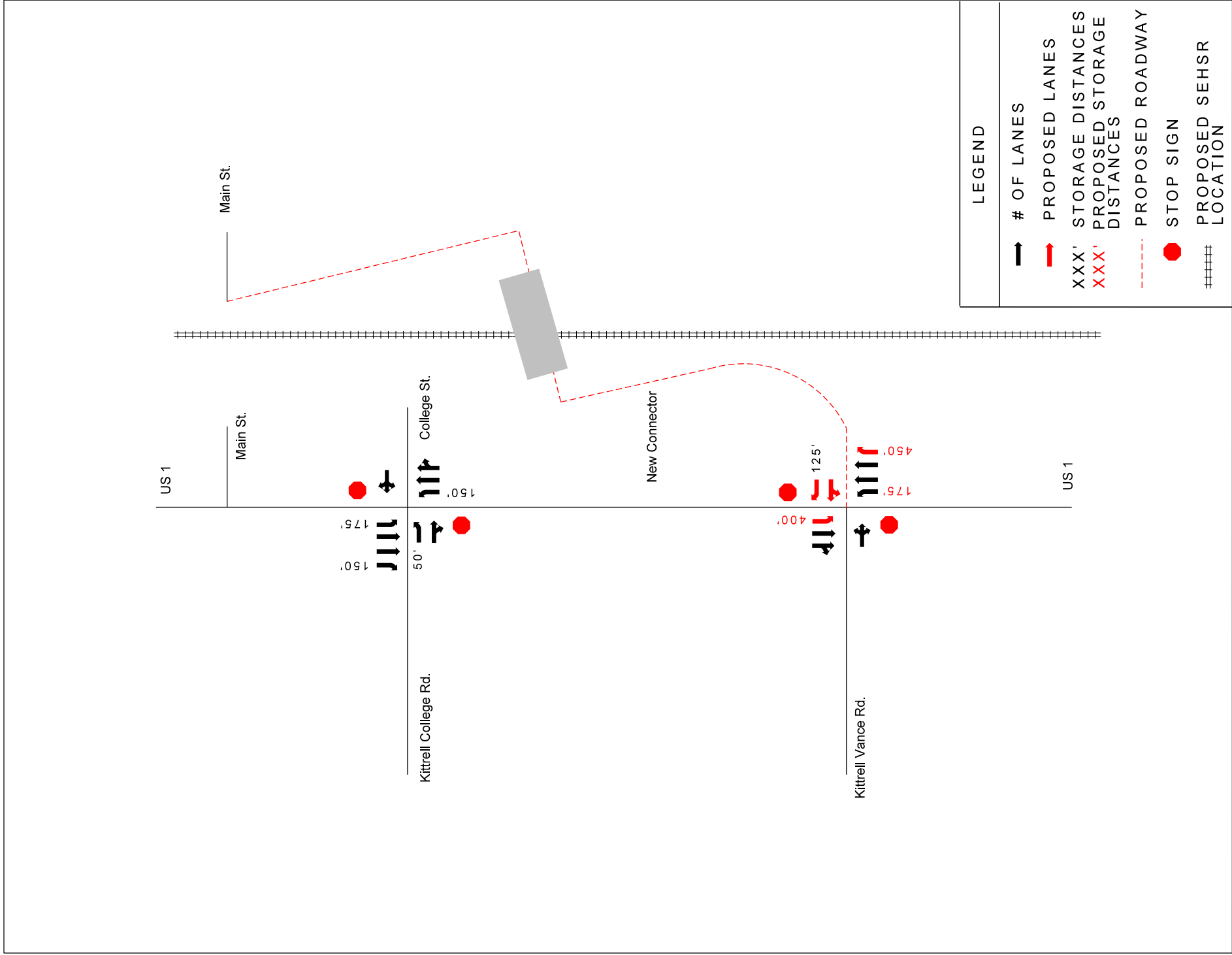
FIGURE 51

DATE: MARCH 2013  
SCALE: NOT TO SCALE

SEHSR  
Kittrell, NC  
Existing Laneage





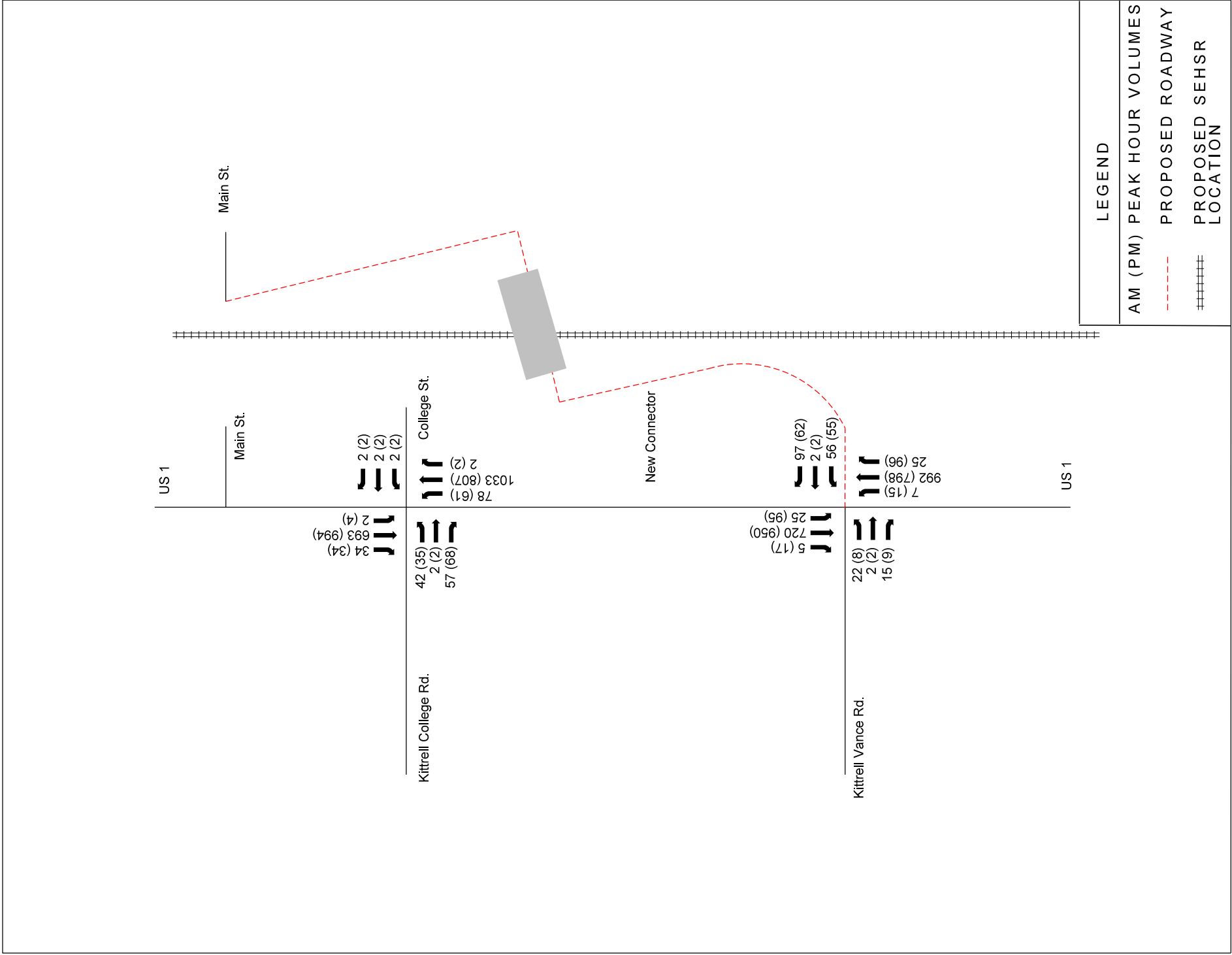


DATE: MARCH 2013

SCALE: NOT TO SCALE

SEHSR  
Kittrell, NC  
2030 Build Laneage

**FIGURE 53**



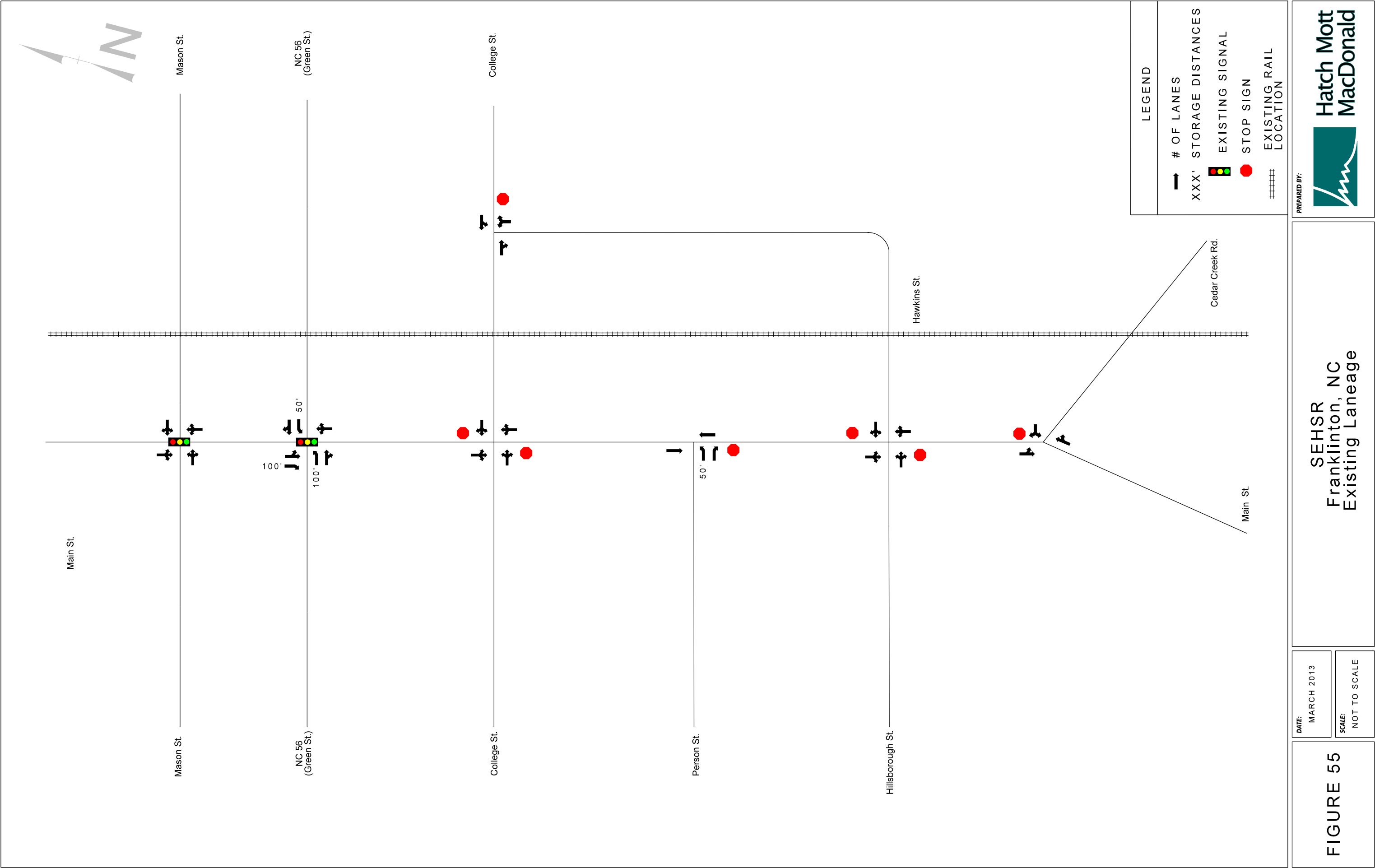
DATE: MARCH 2013

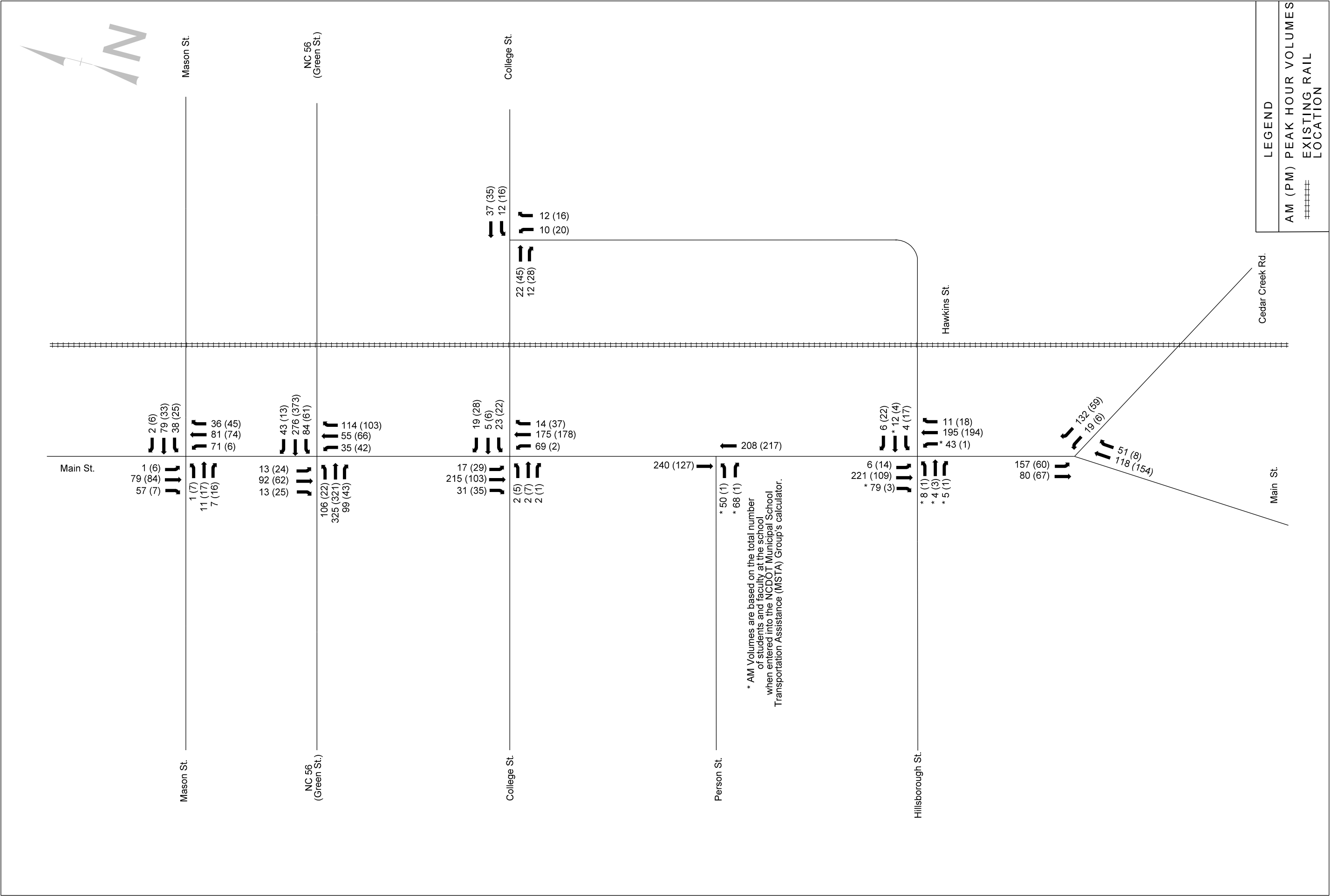
SCALE: NOT TO SCALE

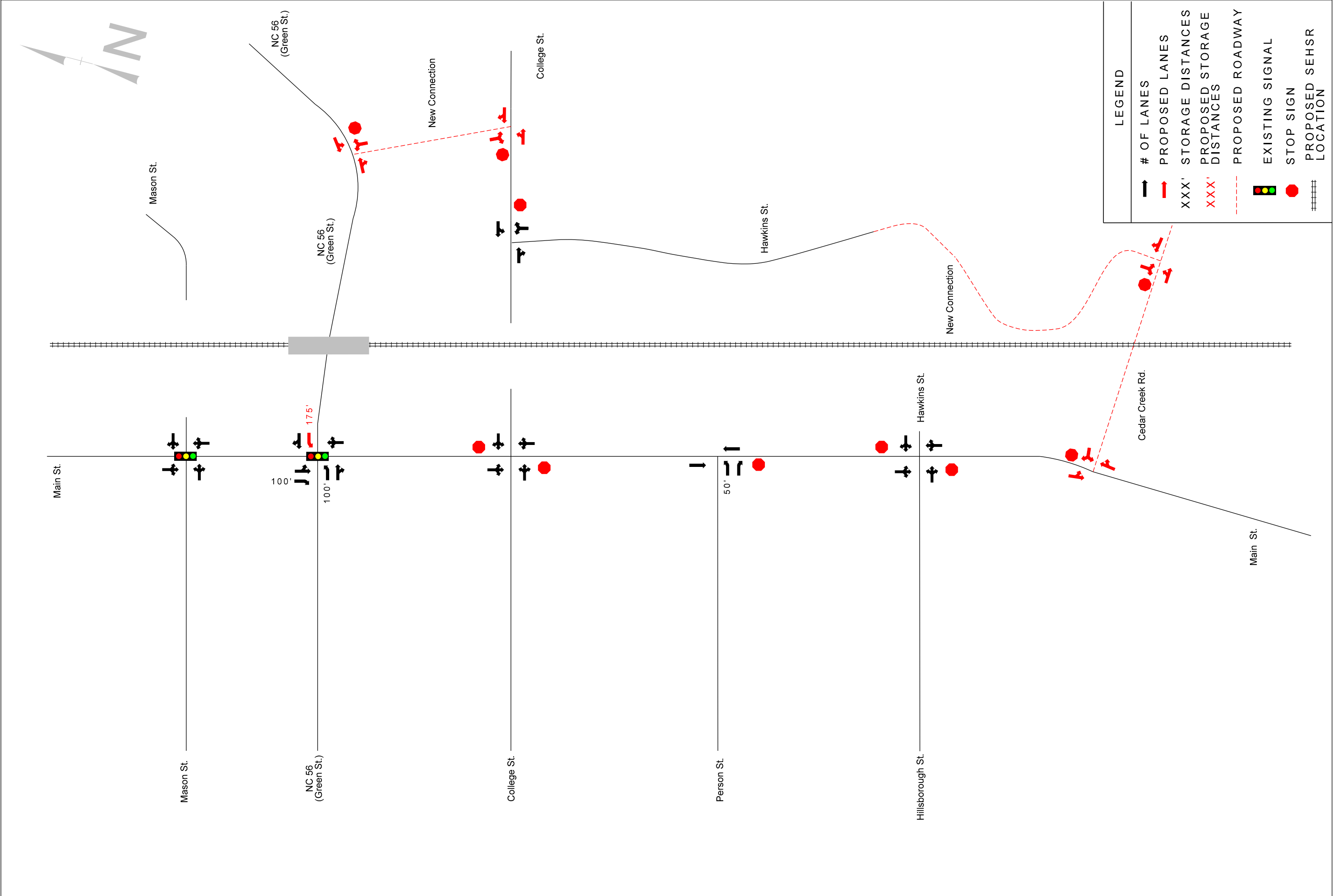
SEHSR  
Kittrell, NC  
2030 Build Volumes

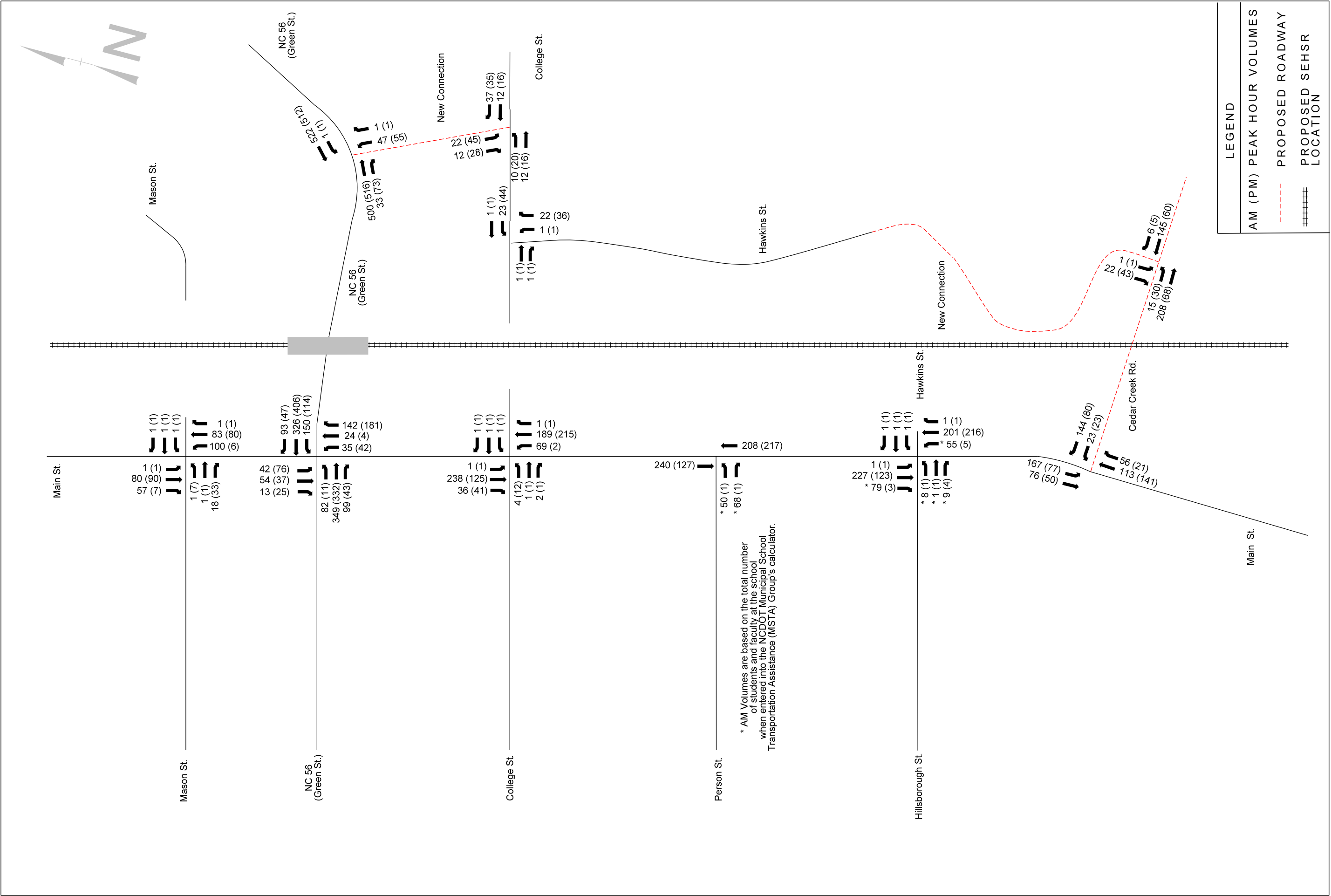


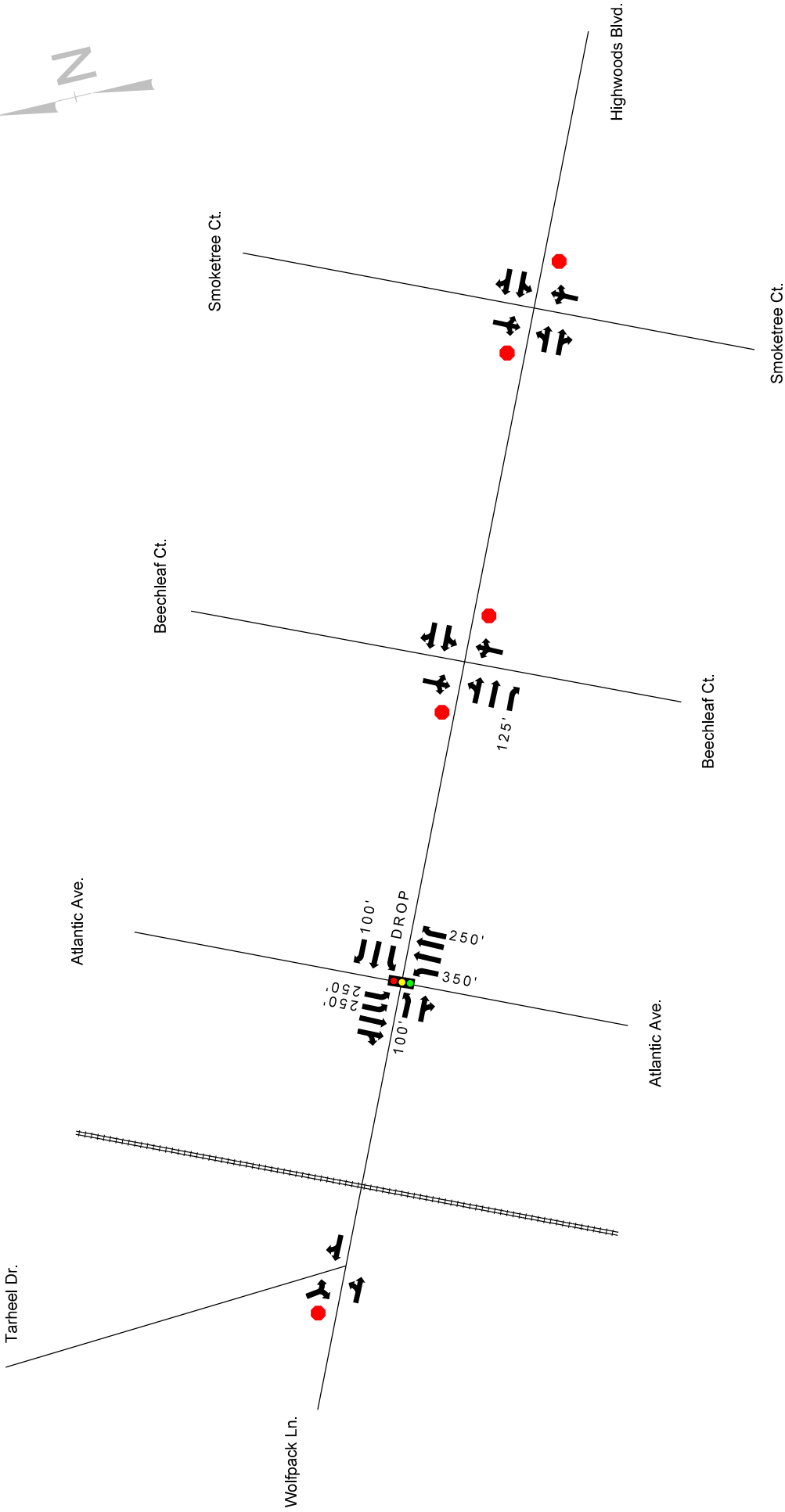
FIGURE 54











SEHSR  
Raleigh, NC  
Existing Laneage

DATE: MARCH 2013

SCALE: NOT TO SCALE

FIGURE 59

PREPARED BY:



Hatch Mott  
MacDonald



Tarheel Dr.

Atlantic Ave.

Beechleaf Ct.

Smoketree Ct.

15 (13)  
90 (355)  
2 (8)  
44 (108)

105 (37)  
286 (99)  
12 (127)  
60 (152)  
54 (201)  
100 (25)  
1270 (831)  
444 (249)  
223 (448)  
141 (35)  
203 (292)

0 (5)  
11 (1)  
537 (543)  
244 (14)  
14 (157)  
19 (220)  
60 (7)  
549 (601)  
259 (11)  
13 (43)

20 (95)  
22 (2)  
467 (753)  
65 (6)  
5 (102)  
1 (1)  
7 (122)  
20 (38)  
202 (14)  
854 (431)  
78 (5)

Highwoods Blvd.

Atlantic Ave.

Beechleaf Ct.

Smoketree Ct.

### LEGEND

AM (PM) PEAK HOUR VOLUMES

===== EXISTING RAIL  
LOCATION

DATE: MARCH 2013

SCALE: NOT TO SCALE

FIGURE 60

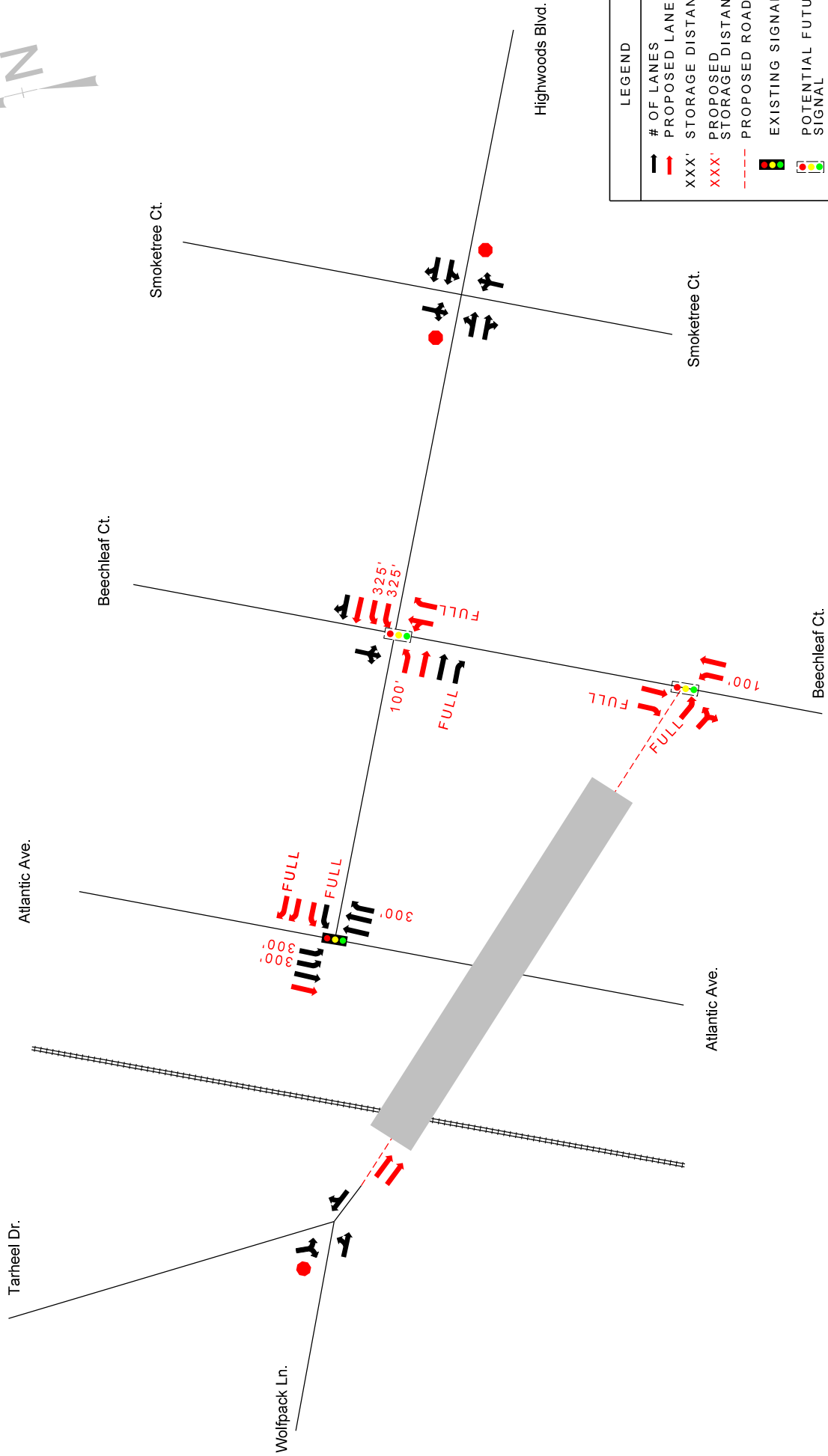
SEHSR  
Raleigh, NC  
2030 No Build Volumes

PREPARED BY:



Hatch Mott  
MacDonald





SEHSR  
Raleigh, NC  
2030 Build Laneage

DATE: MARCH 2013

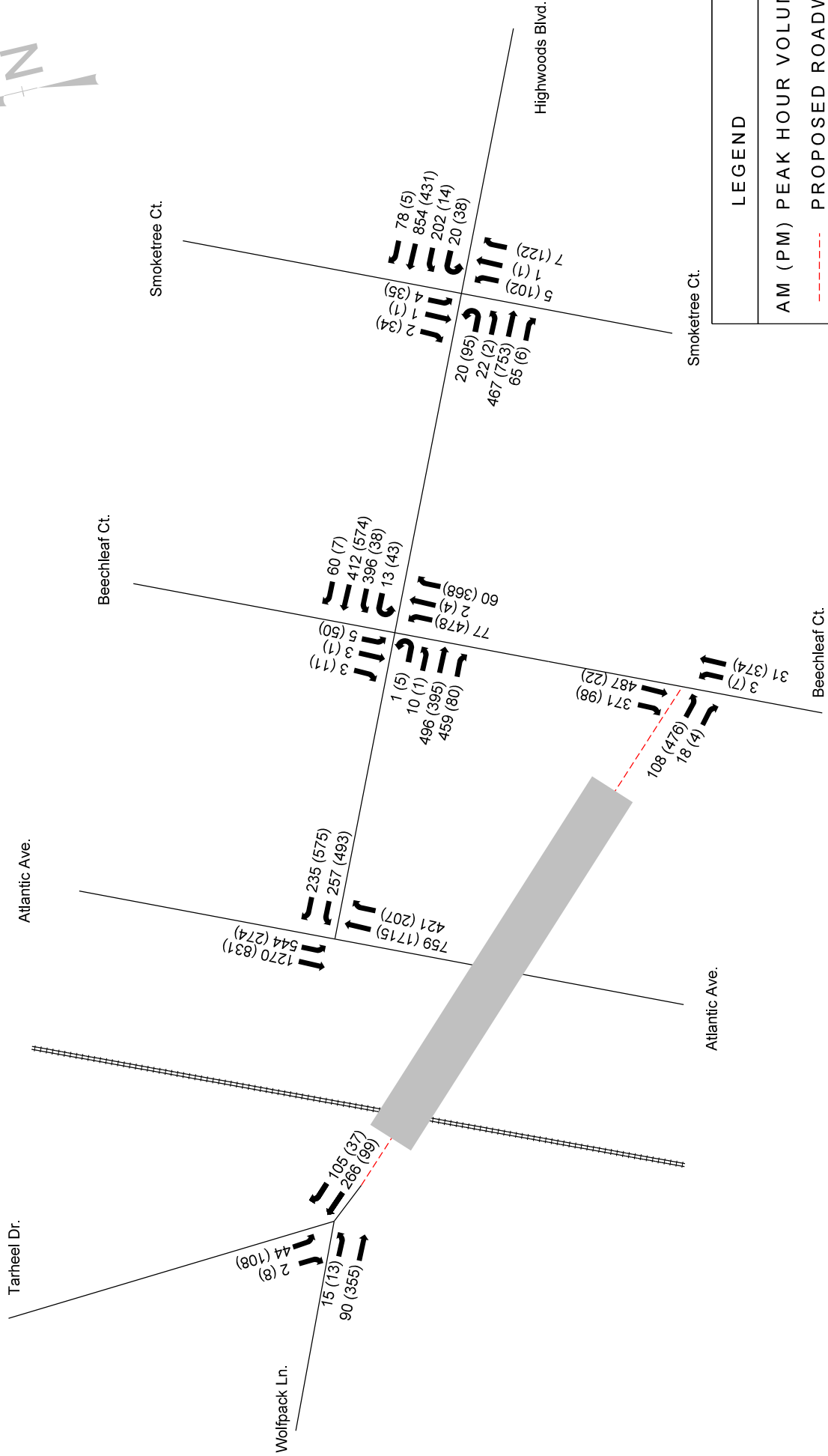
SCALE: NOT TO SCALE

FIGURE 61

PREPARED BY:



Hatch Mott  
MacDonald



LEGEND

- AM (PM) PEAK HOUR VOLUMES
- PROPOSED ROADWAY
- PROPOSED SEHSR LOCATION

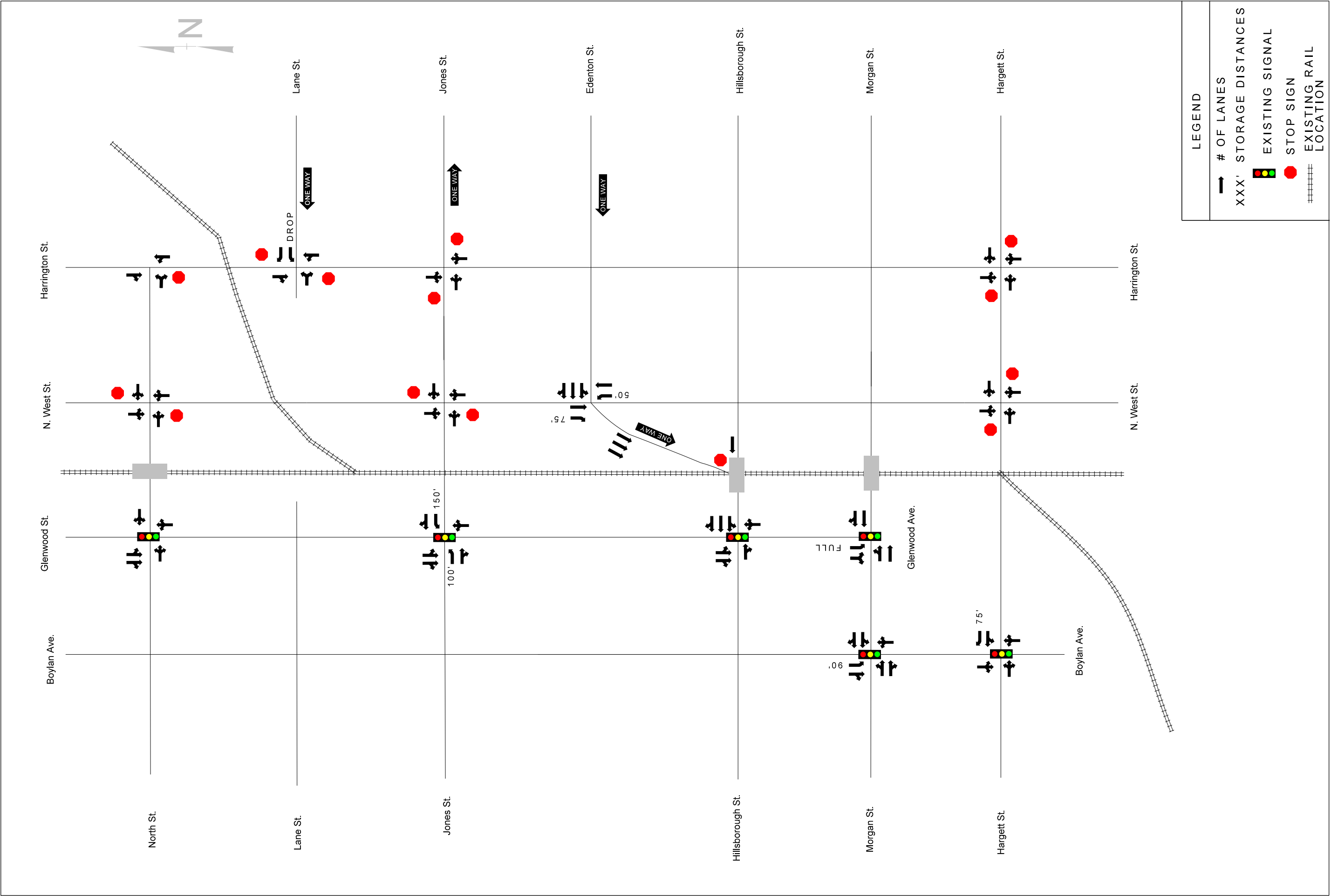
DATE: MARCH 2013

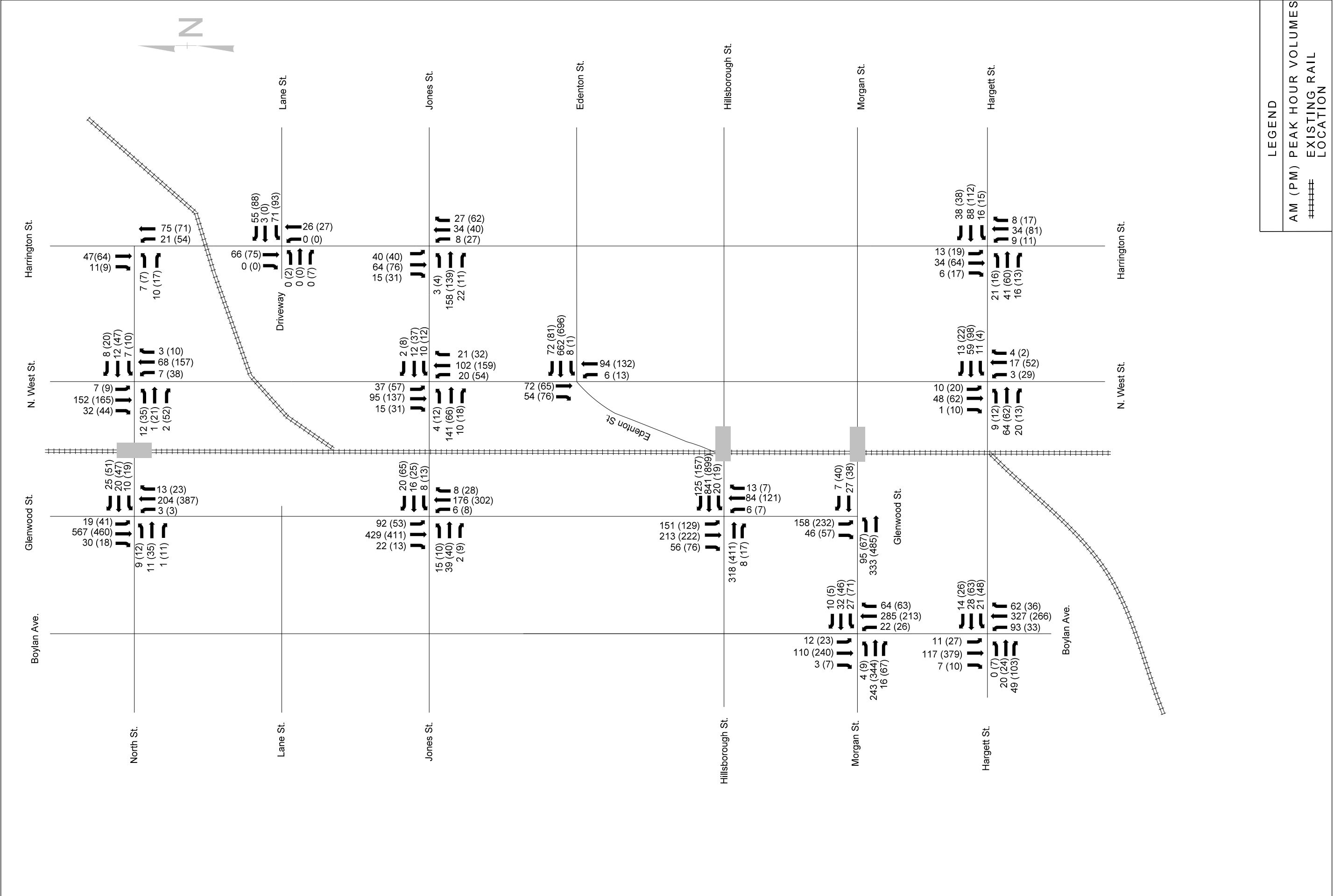
SCALE: NOT TO SCALE

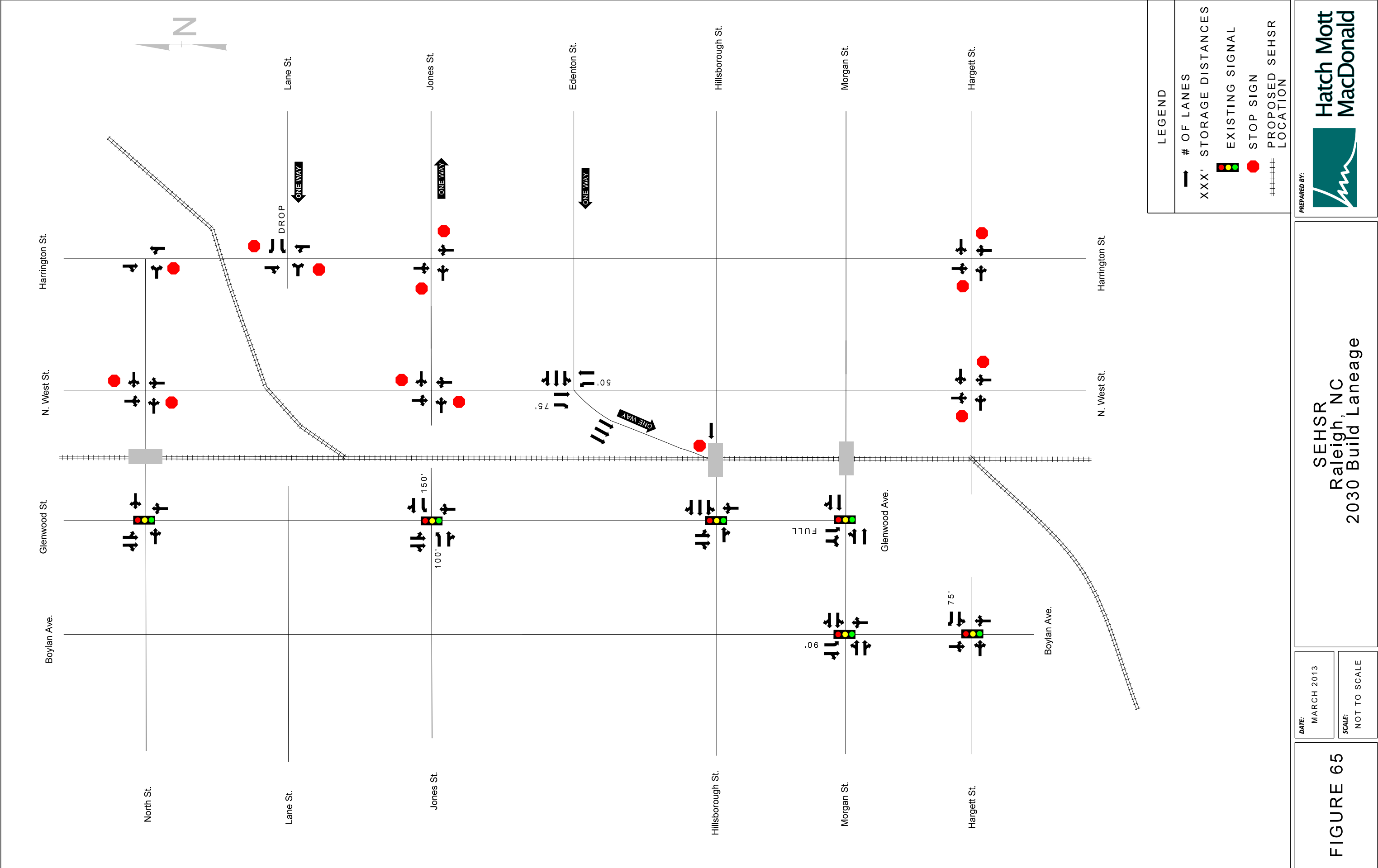
FIGURE 62

SEHSR  
Raleigh, NC  
2030 Build Volumes









**FIGURE 65**

**SEHSR  
Raleigh, NC  
2030 Build Laneage**

