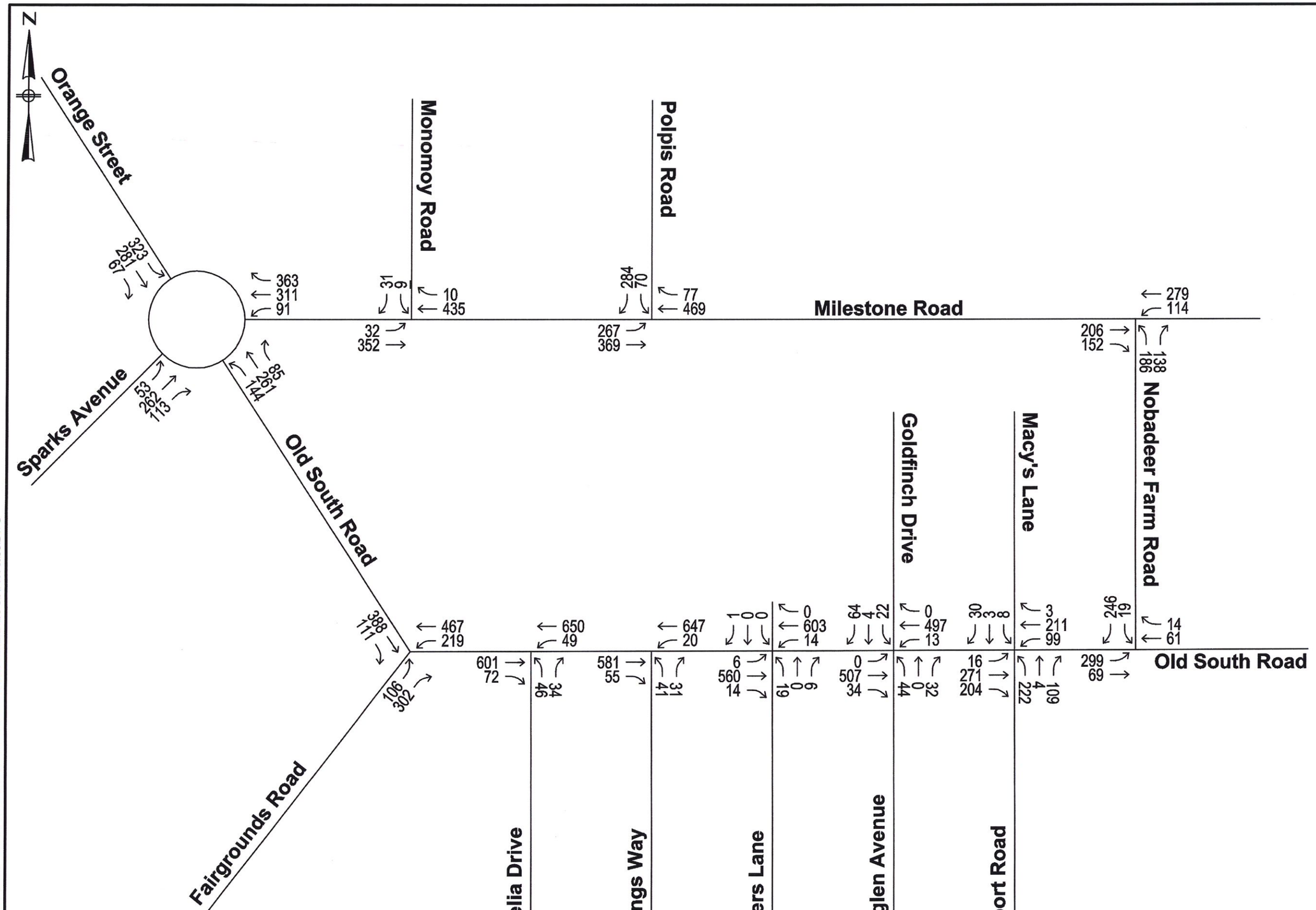

Notes:

1. Traffic data provided by NP&EDC
2. Data collected in 2013, 2014, and 2015
3. Grown at 1% per year to 2017

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Nantucket Traffic Study

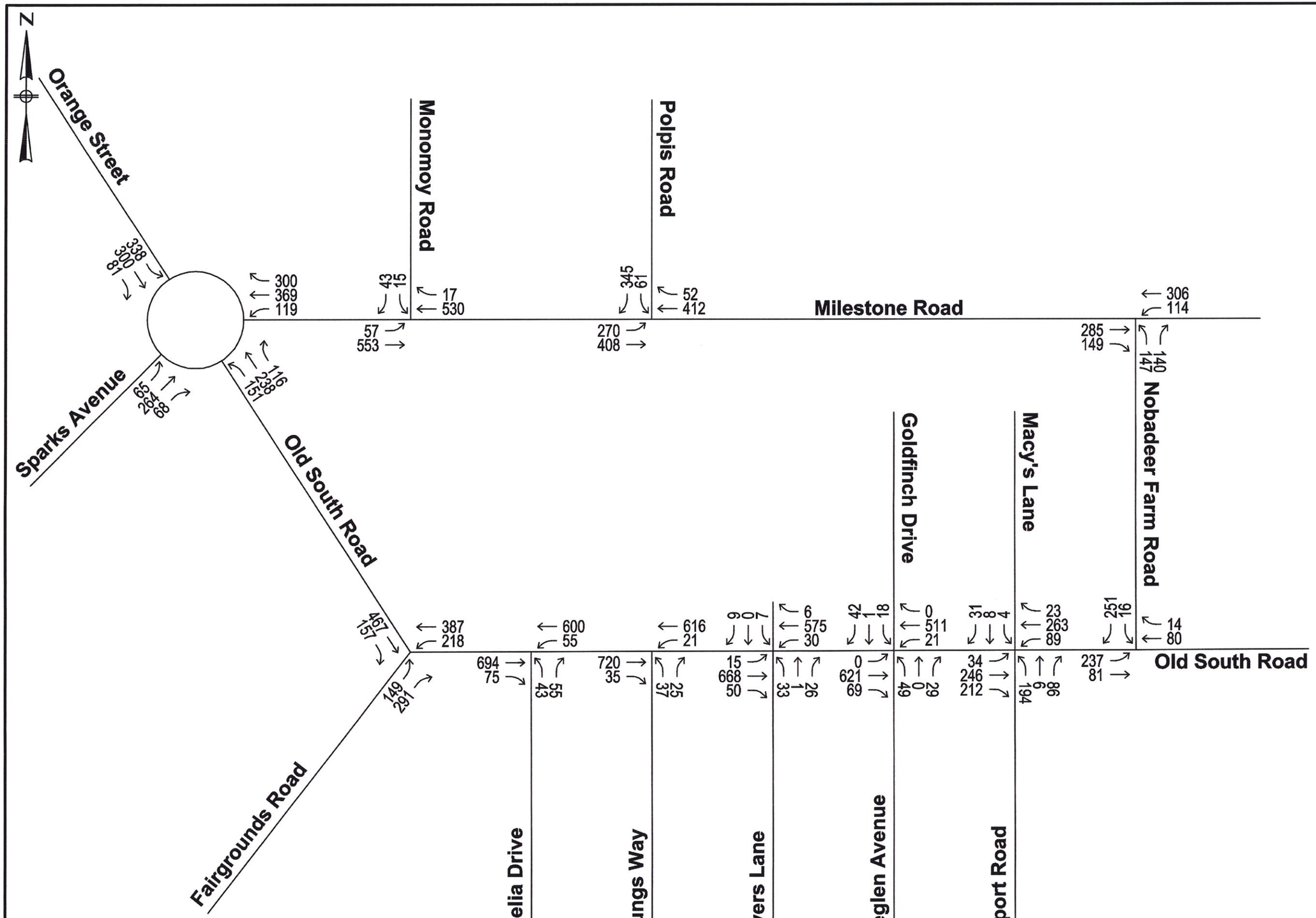
Nantucket, MA

Scale: N.T.S.

Figure No. 2

2017 AM Traffic Volume

O:\5600S\5639 - NANTUCKET - TRAFFIC STUDY\DRAWING FILES\MISCELLANEOUS\5639TMC.DWG



Notes:

1. Traffic data provided by NP&EDC
2. Data collected in 2013, 2014, and 2015
3. Grown at 1% per year to 2017

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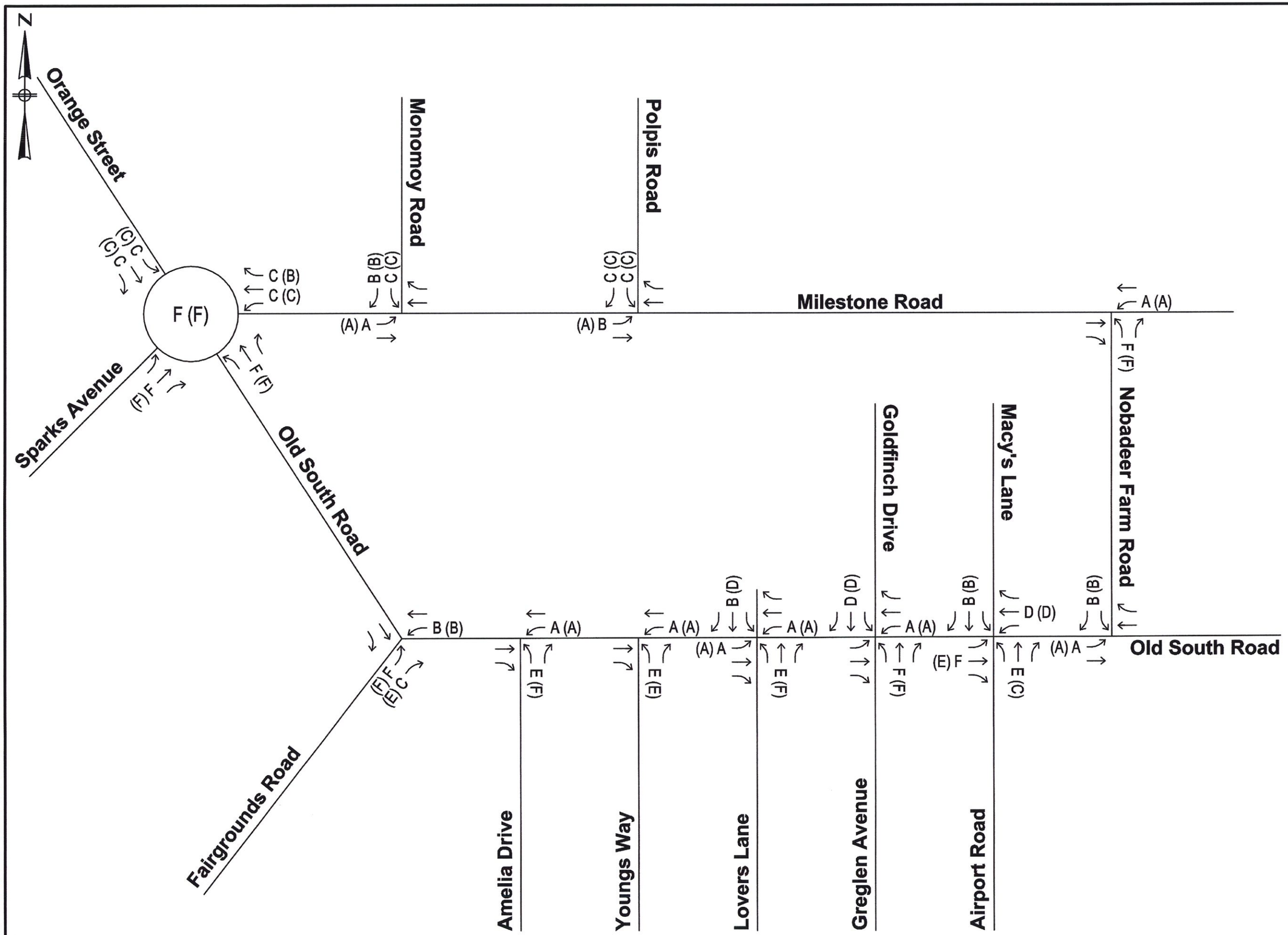
Figure No. 3

2017 PM Traffic Volume

O:\5600S\5639 - NANTUCKET - TRAFFIC STUDY\DRAWING FILES\MISCELLANEOUS\5639TMC.DWG



Notes:

1. AM (PM) Level of Service

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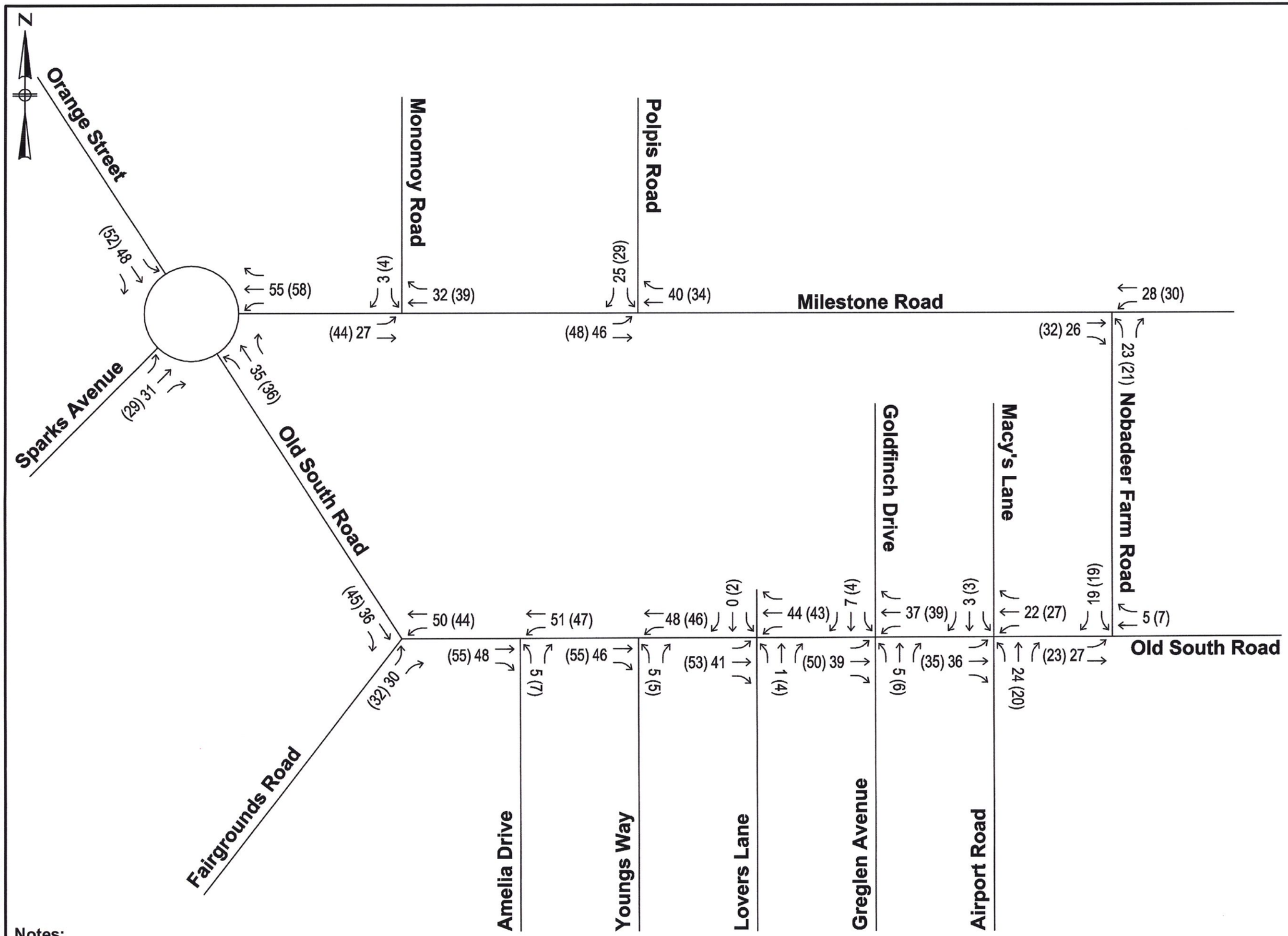
Figure No. 4

2017 Existing Level of Service

O:\5600S\5639 - NANTUCKET - TRAFFIC STUDY\DRAWING FILES\MISCELLANEOUS\5639TMC.DWG



Notes:

1. AM(PM) volume growth per approach.
2. Grown at 1% per year for 7 years.

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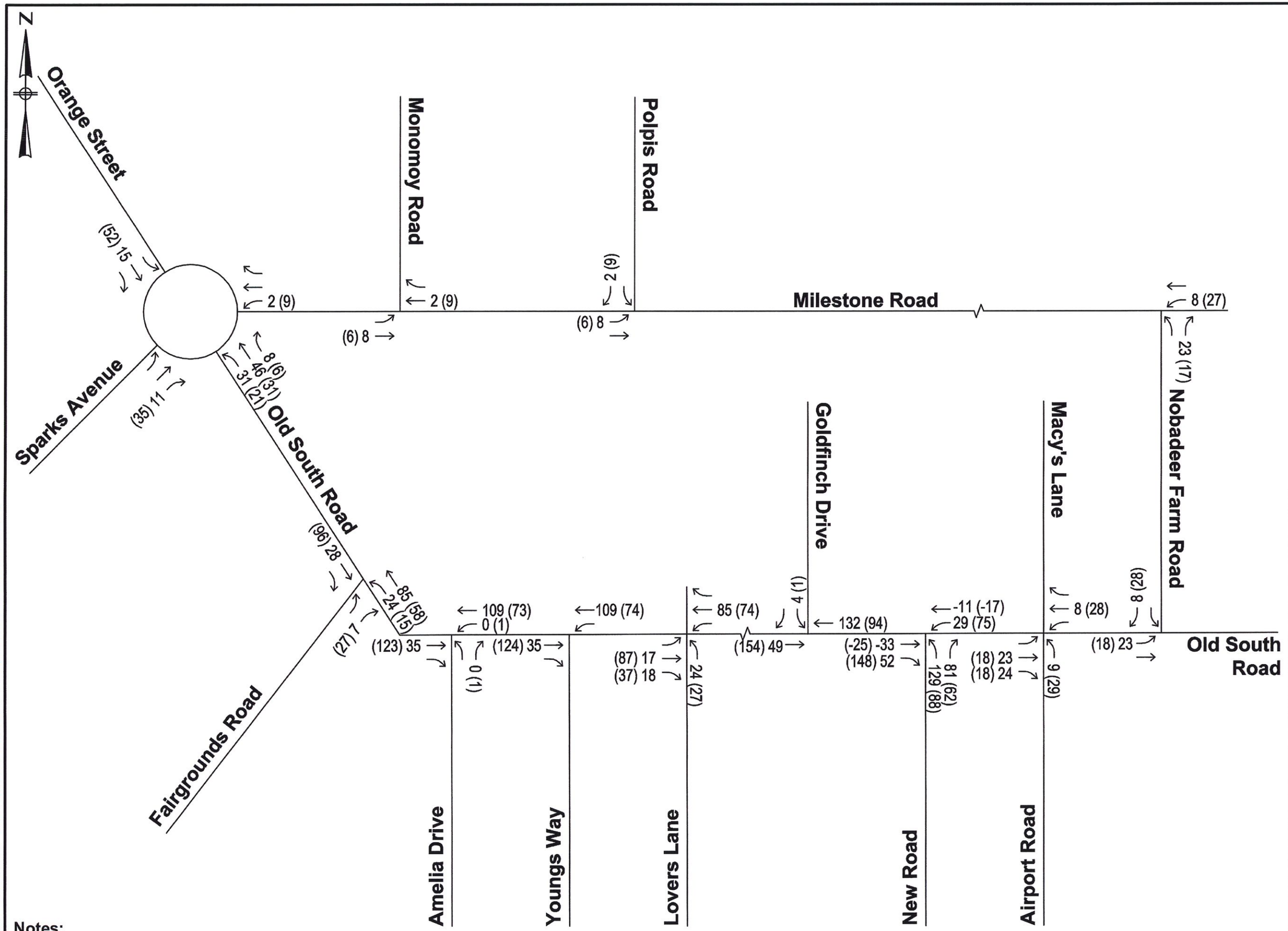
Figure No. 5

7 Year Traffic Growth

O:\5600\5639 - NANTUCKET - TRAFFIC STUDY\DRAWING FILES\MISCELLANEOUS\5639TMC.DWG



Notes:

1. AM(PM) volume generated by Richmond Mixed Use Development
2. Redistributed traffic from Greglen Avenue

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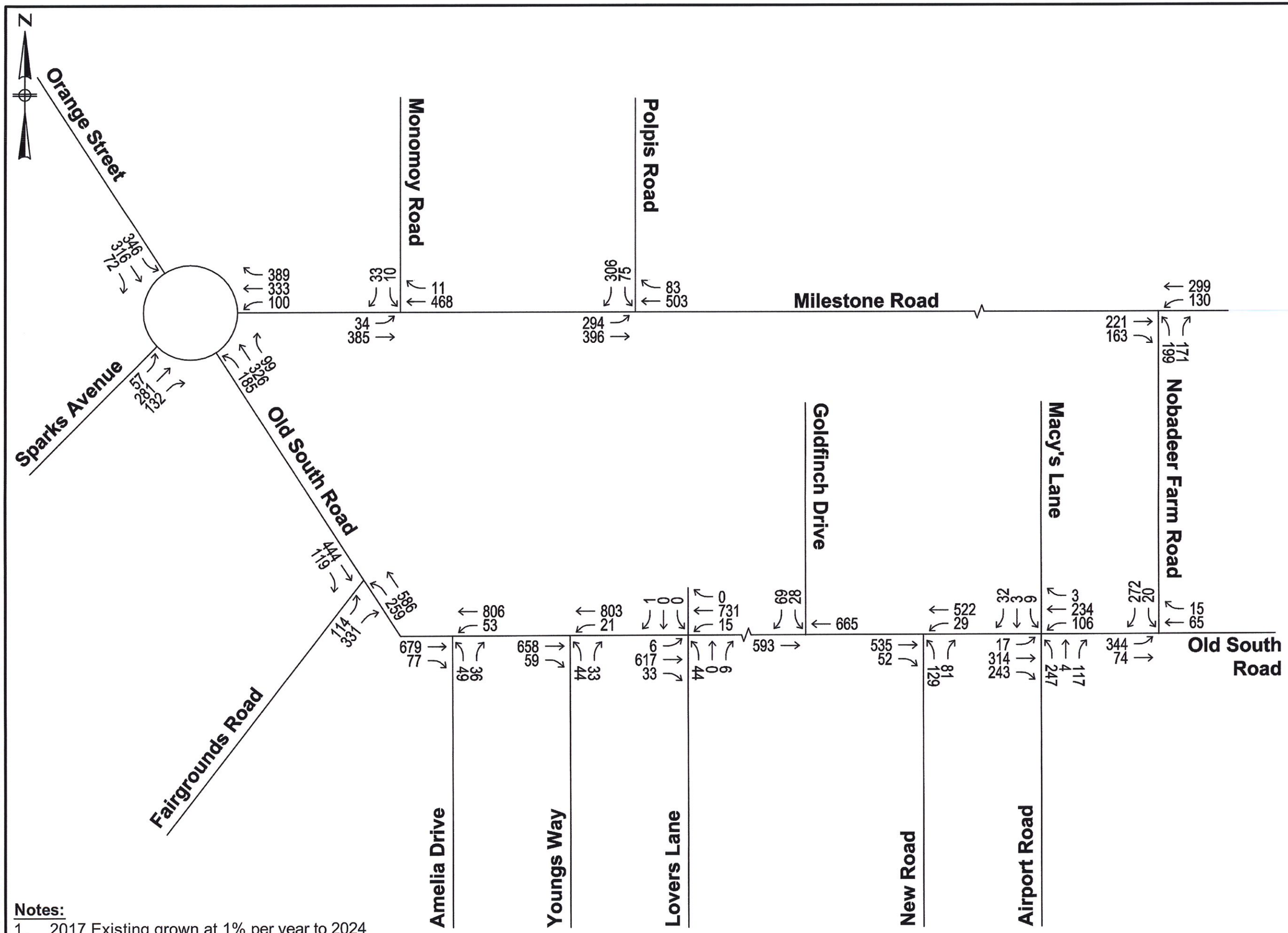
Figure No. 6

Development Traffic

O:\5600\5639 - NANTUCKET - TRAFFIC STUDY\DRAWING FILES\MISCELLANEOUS\5639TMC.DWG



Notes:

1. 2017 Existing grown at 1% per year to 2024
2. Added Trip Generation from Richmond Mixed Use Development Project
3. Redistributed Greglen Avenue Traffic

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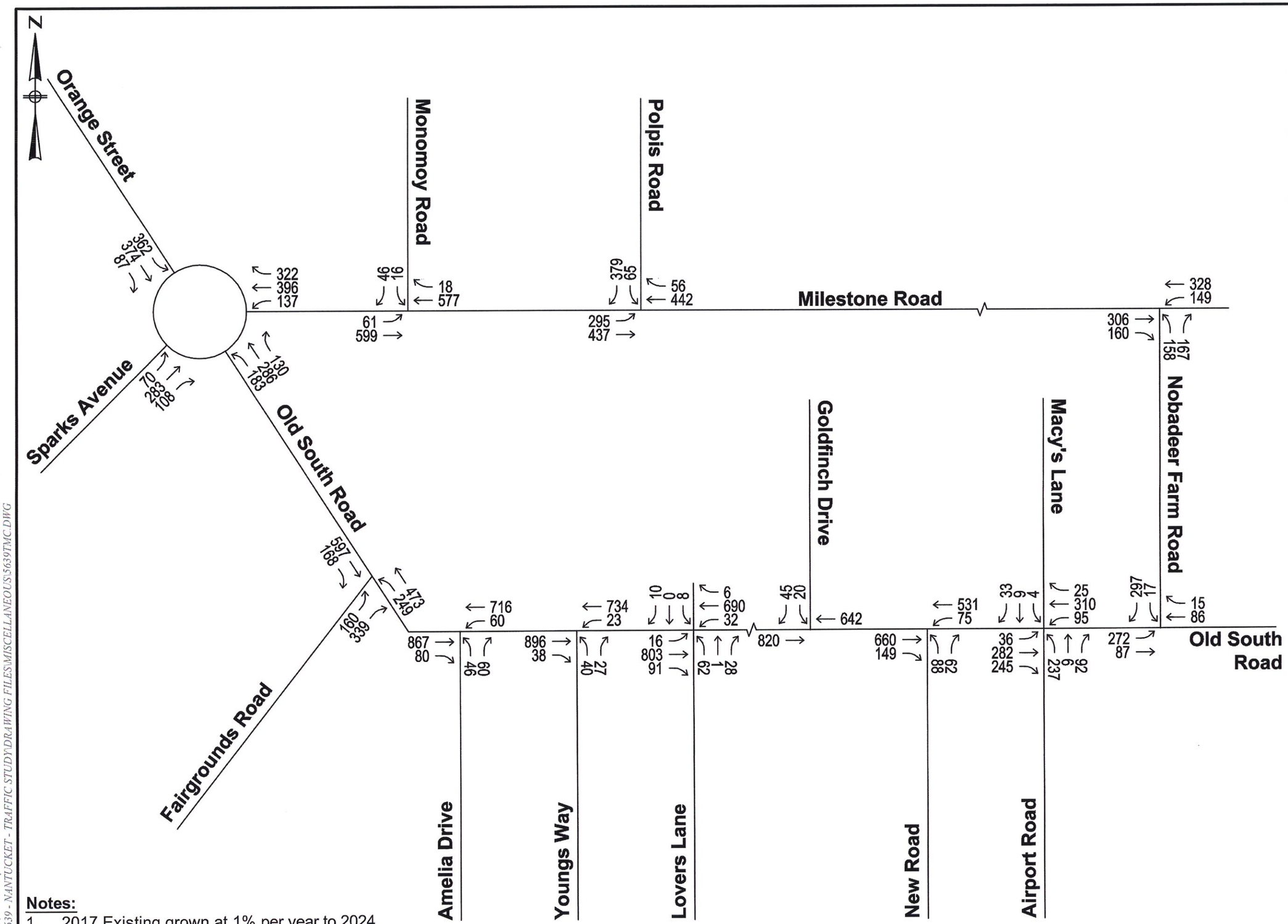
Figure No. 7

2024 AM Traffic Volumes

O:\5600S\5639 - NANTUCKET - TRAFFIC STUDY\DRAWING FILES\MISCELLANEOUS\5639TMC.DWG



Notes:
1. 2017 Existing grown at 1% per year to 2024
2. Added Trip Generation from Richmond Mixed Use Development Project
3. Redistributed Greglen Avenue Traffic

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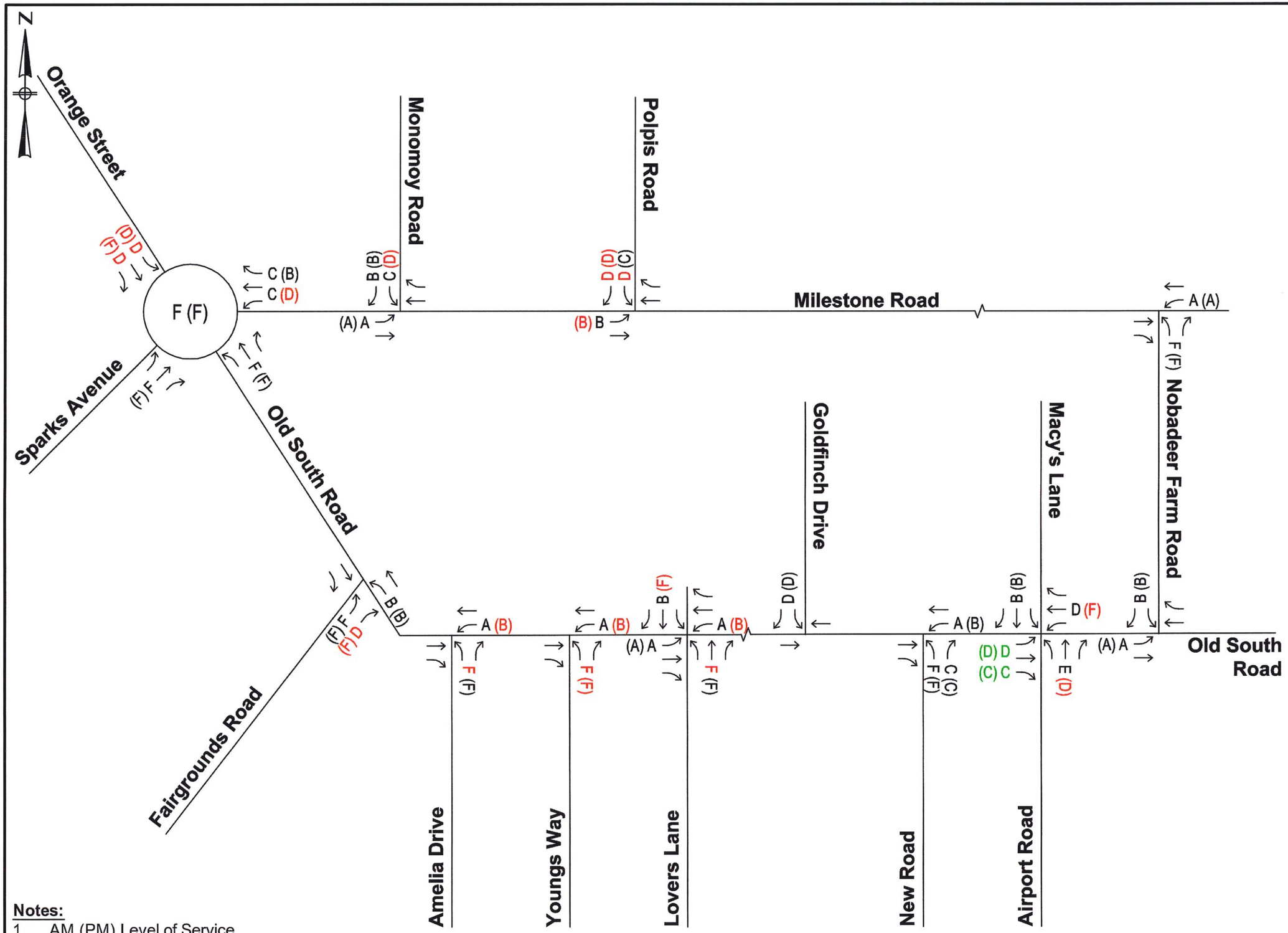
Figure No. 8

2024 PM Traffic Volumes

O:\5600\5639 - NANTUCKET - TRAFFIC STUDY\DRAWING FILES\MISCELLANEOUS\5639TMC.DWG



Notes:

1. AM (PM) Level of Service
2. X = Degrades one or more letters from 2017 Existing
3. X = Improves one or more letters from 2017 Existing

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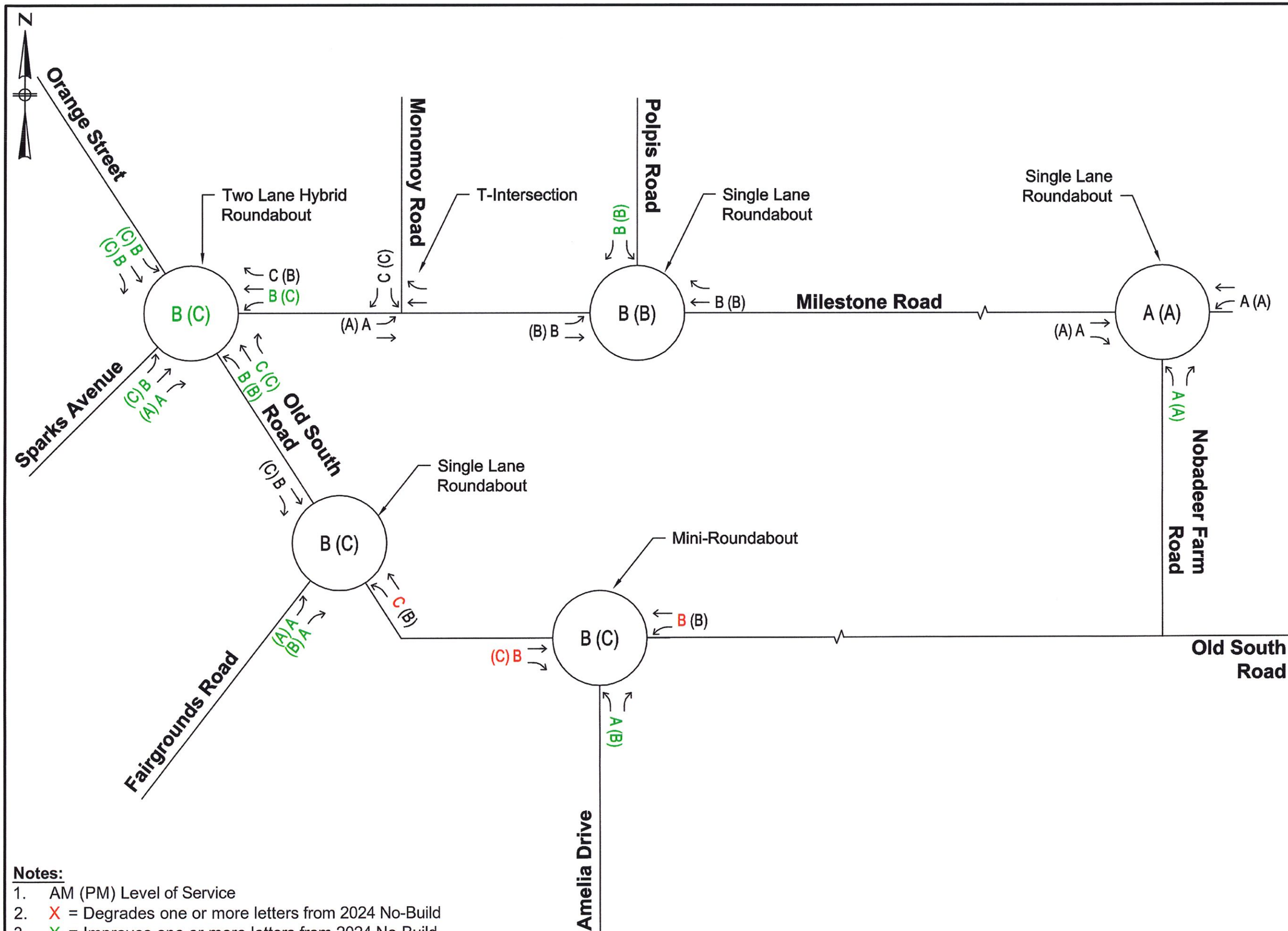
Scale: N.T.S.

Figure No. 9

2024 No-Build Level of Service

O:\5600\5639 - NANTUCKET - TRAFFIC STUDY\DRAWING FILES\MISCELLANEOUS\5639TMC.DWG



Notes:

1. AM (PM) Level of Service
2. X = Degrades one or more letters from 2024 No-Build
3. X = Improves one or more letters from 2024 No-Build
4. Diagram shows alternatives with most significant improvements to overall intersection operations and safety. Intersections not shown were found to have minimal changes in operations (compared to the 2024 No-Build) as a result of the proposed design concepts.

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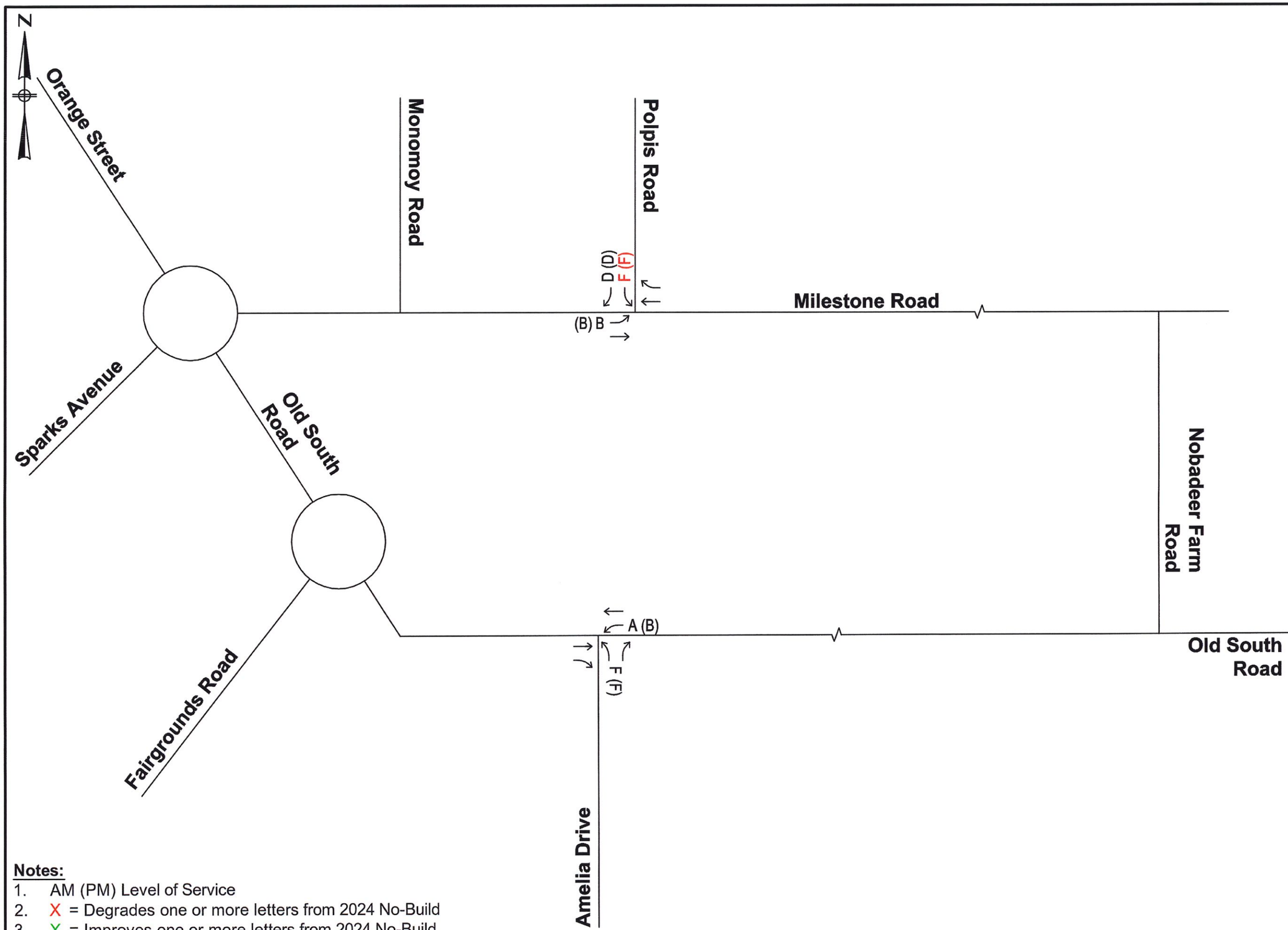
Figure No. 10

2024 Build Level of Service

O:\5600S\5639 - NANTUCKET - TRAFFIC STUDY\DRAWING FILES\MISCELLANEOUS\5639TMC.DWG



Notes:

1. AM (PM) Level of Service
2. X = Degrades one or more letters from 2024 No-Build
3. X = Improves one or more letters from 2024 No-Build
4. Diagram shows additional alternatives. Intersections not shown were found to have minimal changes in operations (compared to the 2024 No-Build) as a result of the proposed design concepts.

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Figure No. 11

2024 Build Level of Service

O:\5600\5639 - NANTUCKET - TRAFFIC STUDY\DRAWING FILES\MISCELLANEOUS\5639TMC.DWG