

Gardner 42 Expansion DRI #2939

Locust Grove, Georgia

Report Prepared:

April 2019

Prepared for:

Scannell Properties

Prepared by:



Kimley-Horn and Associates, Inc. 11720 Amber Park Drive, Suite 600 Alpharetta, GA 30009 Project #019139020

Transportation Analysis

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EXECUTIVE SUMMARY

This report presents the analysis of the anticipated traffic impacts of the proposed Gardner 42 Expansion development located in the City of Locust Grove, Georgia. It should be noted that the development went through the DRI process in 2018. The development was called Gardner 42 DRI #2775 and consisted of 2,010,008 SF of warehouse on an approximate 120-acre site (ARC's Final Report dated March 26, 2018, and GRTA NOD dated April 5, 2018). The site completed the rezoning process (officially signed on May 7, 2018) and is now zoned for light manufacturing land use (M-1). The site is proposed to change in square footage and access points, and increase in acreage and parking.

The proposed development will be a total of two (2) industrial warehouse facilities with a total of approximately 1,670,040 SF of warehousing space on an approximate 217-acre site. The development will be located approximately 300 feet north of the intersection of SR 42 and Market Place Boulevard and is bordered by SR 42 to the east and I-75 to the west.

The project is a Development of Regional Impact (DRI) and is subject to Georgia Regional Transportation Authority (GRTA) and Atlanta Regional Commission (ARC) review due to the proposed development exceeding 500,000 SF of industrial development within a developing suburbs area per the Atlanta Region's Plan *Unified Growth Policy Map*. The DRI trigger for this development is a Land Disturbance Permit. The DRI was formally triggered with the filing of the Initial DRI Information (Form 1) on April 10, 2019 by the City of Locust Grove.

The present zoning classification of the project site is Residential Agriculture (RA) and General Commercial (C-2). The proposed zoning classification is Light Manufacturing (M-1). The proposed project is expected to be completed by 2020. The comparison between DRI #2775 (2018) and the proposed development is summarized in the table below.

| DRI #2775 Vs Proposed Development | | | | | | | |
|-----------------------------------|---|--------------------|--|--|--|--|--|
| | DRI #2775 (2018) | Proposed (2019) | | | | | |
| Land Use | | | | | | | |
| Building 1 | 1,005,004 SF | 1,012,440 SF | | | | | |
| Building 2 | 1,005,004 SF | 657,600 SF | | | | | |
| Total | 2,010,008 SF | 1,670,040 SF | | | | | |
| Approximate Acreage | <u>+</u> 120 Acres | <u>+</u> 217 Acres | | | | | |
| Pro | Proposed Parking | | | | | | |
| Auto Parking Spaces | 836 Spaces | 992 Spaces | | | | | |
| Trailer Parking Spaces | 650 Spaces | 1,863 Spaces | | | | | |
| Total | 1,486 Spaces | 2,855 Spaces | | | | | |
| Site Access | | | | | | | |
| Number of Driveways | Number of Driveways 2 Driveways 4 Driveways | | | | | | |
| Gross Trip Generation | | | | | | | |
| Gross Daily Trips | 3,222 Trips | 4,256 Trips | | | | | |

Capacity analyses were performed throughout the study network for the Existing 2019 conditions, the Projected 2020 No-Build conditions, and the Projected 2020 Build conditions.

• Existing 2019 conditions represent traffic volumes at eight (8) intersections that were collected on Thursday, March 21, 2019 by performing AM and PM peak hour turning movement counts.

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- Projected 2020 No-Build conditions represent the existing traffic volumes grown for one (1) year at 2.0 percent per year throughout the study network, plus the addition of the estimated project trips generated by Locust Grove – Clayco DRI #2584, Locust Grove – Clayco, Phase II DRI #2699, and Locust Grove – 75 South Logistics Center DRI #2867.
- Projected 2020 Build conditions represent the Projected 2020 No-Build conditions, plus the addition of the project trips that are anticipated to be generated by the Gardner 42 Expansion development.

Based on the **Existing 2019** conditions (present conditions; i.e. <u>excludes</u> the background traffic growth, the estimated project trips from the *Locust Grove – Clayco* DRI #2584, *Locust Grove – Clayco, Phase II* DRI #2699, and *Locust Grove – 75 South Logistics Center* DRI #2867, and the estimated project trips from the *Gardner 42 Expansion* DRI), the side-street approaches at three (3) out of eight (8) study intersections currently operate below the acceptable level-of-service (LOS) standard of D during the AM and PM peak hours. It is not uncommon for vehicles at a side-street stop approach to experience significant delay when turning onto a major roadway.

There are no recommended improvements for the Existing 2019 conditions scenario.

Based on the **Projected 2020 No-Build** conditions (<u>includes</u> background traffic growth and the estimated project trips from the *Locust Grove - Clayco* DRI #2584, *Locust Grove - Clayco, Phase II* DRI #2699, and *Locust Grove - 75 South Logistics Center* DRI #2867, but <u>excludes</u> the estimated project trips from the *Gardner 42 Expansion* DRI), the side-street approaches at four (4) out of eight (8) study intersections are projected to operate below their acceptable LOS standard of D during the AM and PM peak hours for the Projected 2020 No-Build conditions. It is not uncommon for vehicles at a side-street stop approach to experience significant delay when turning onto a major roadway. The signalized intersection of SR 42 at Bill Gardner Parkway (Intersection #5) is projected to operate at LOS E during the AM peak hour for the Projected 2020 No-Build conditions.

Based on the Projected 2020 No-Build conditions, the following improvements result in the following intersection operating at an acceptable or improved LOS:

- Intersection #1: SR 42 at Bethlehem Road
 - o If warranted, install a traffic signal.
 - Along SR 42, provide one (1) northbound left-turn lane.
 - o Along Bethlehem Road, provide one (1) eastbound right-turn lane.
- Intersection #2: SR 42 at Colvin Drive
 - If warranted, install a traffic.
 - Along SR 42, provide one (1) northbound right-turn lane.
 - o Along SR 42, provide one (1) southbound left-turn lane.
 - Along Colvin Drive, provide one (1) westbound right-turn lane.
- Intersection #4: SR 42 at Market Place Boulevard
 - o If warranted, install a traffic signal.
- Intersection #5: SR 42 at Bill Gardner Parkway
 - Along Bill Gardner Parkway, restripe the median on the eastbound approach so that the approach consists of two (2) eastbound left-turn lanes.
 - Along SR 42, restripe the gore striped area to provide two (2) receiving lanes north of Bill Gardner Parkway.

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Based on the **Projected 2020 Build** conditions (<u>includes</u> both the background traffic growth and the estimated project trips from the *Locust Grove – Clayco* DRI #2584, *Locust Grove – Clayco, Phase II* DRI #2699, and *Locust Grove – 75 South Logistics Center* DRI #2867, and the estimated project trips from *Gardner 42 Expansion* DRI), the side-street approaches at five (5) out of ten (10) study intersections are projected to operate below their acceptable LOS standard of D during the AM and PM peak hours for the Projected 2020 Build conditions. It is not uncommon for vehicles at a side-street stop approach to experience significant delay when turning onto a major roadway. The signalized intersection of SR 42 at Bill Gardner Parkway (Intersection #5) is projected to operate at LOS E during the AM peak hour for the Projected 2020 Build conditions. Additionally, the signalized intersection of Bill Gardner Parkway at Tanger Boulevard / Market Place Boulevard (Intersection #6) is projected to operate at LOS E during the AM and PM peak hours for the Projected 2020 Build conditions.

In addition to the recommended improvements under the Projected 2020 No-Build conditions, the following improvements are recommended in order for the intersection to operate at an acceptable or improved LOS:

- Intersection #6: Bill Gardner Parkway at Tanger Boulevard / Market Place Boulevard
 - Along Tanger Boulevard, restripe the northbound approach to provide one (1) left-turn lane and one (1) shared through/right-turn lane.
 - Remove Split phasing.

The following site-access improvements are recommended to serve the traffic associated with the *Gardner 42 Expansion* development:

- Intersection #2: SR 42 at Site Driveway A / Colvin Drive
 - o Along SR 42, provide one (1) northbound left-turn lane.
 - Along SR 42, provide one (1) southbound right-turn lane.
 - On the site, provide one (1) eastbound left-turn lane and one shared through/right-turn lane exiting the site onto SR 42, and one (1) ingress lane entering the site.
- Intersection #3: SR 42 at Site Driveway B / N Jackson Street
 - o Along SR 42, provide one (1) northbound left-turn lane.
 - Along SR 42, provide one (1) southbound left-turn lane and one (1) southbound right-turn lane.
 - On the site, provide one (1) eastbound shared left-turn/through/right-turn lane exiting the site onto SR 42, and one (1) ingress lane entering the site.
- Intersection #9: SR 42 at Site Driveway C
 - o Along SR 42, provide one (1) northbound left-turn lane.
 - Along SR 42, provide one (1) southbound right-turn lane.
 - On the site, provide one (1) shared left-turn/right-turn lane exiting the site onto SR 42, and one (1) ingress lane entering the site.
- Intersection #10: Market Place Boulevard at Site Driveway D
 - Along Market Place Boulevard, provide one (1) eastbound left-turn lane.
 - o Along Market Place Boulevard, provide one (1) westbound right-turn lane.
 - On the site, provide one (1) southbound shared left-turn/through lane and one (1) southbound right-turn lane exiting the site onto Market Place Boulevard, and one (1) ingress lane entering the site.

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1.0 PROJECT DESCRIPTION

1.1 Introduction

This report presents the analysis of the anticipated traffic impacts of the proposed Gardner 42 Expansion development located in the City of Locust Grove, Georgia. It should be noted that the development went through the DRI process in 2018. The development was called Gardner 42 DRI #2775 and consisted of 2,010,008 SF of warehouse on an approximate 120-acre site (ARC's Final Report dated March 26, 2018, and GRTA NOD dated April 5, 2018). The site is proposed to change in square footage and access points, and increase in acreage and parking.

The proposed development will be a total of two (2) industrial warehouse facilities with a total of approximately 1,670,040 SF of warehousing space on an approximate 217-acre site. The development will be located approximately 300 feet north of the intersection of SR 42 and Market Place Boulevard and is bordered by SR 42 to the east and I-75 to the west.

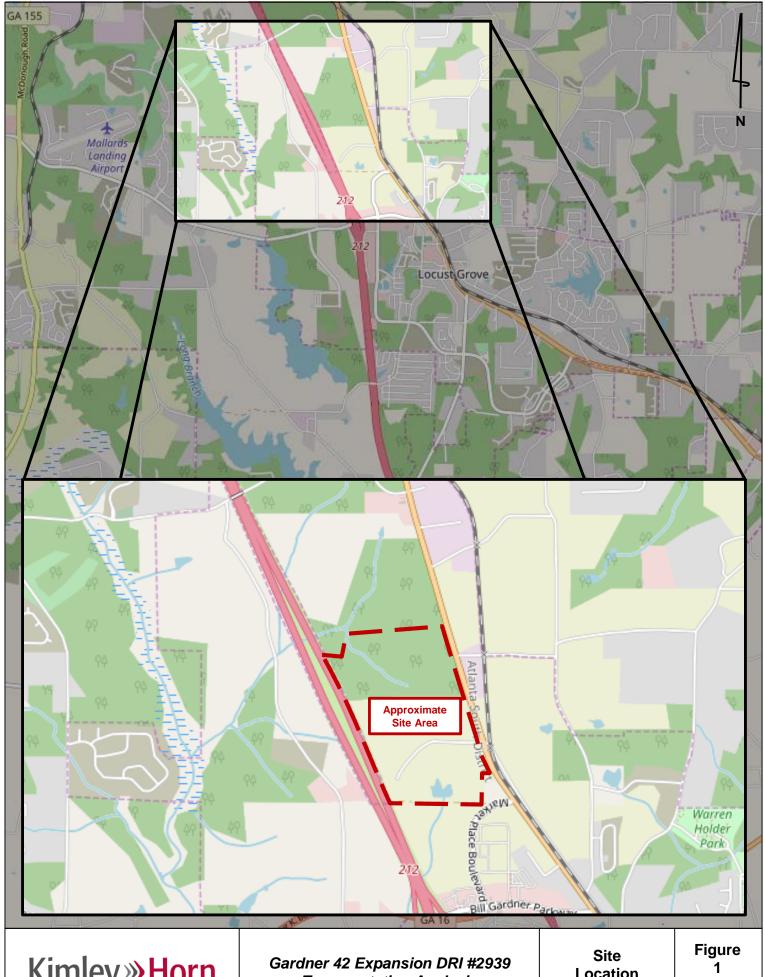
The project is a Development of Regional Impact (DRI) and is subject to Georgia Regional Transportation Authority (GRTA) and Atlanta Regional Commission (ARC) review due to the proposed development exceeding 500,000 SF of industrial development within a developing suburbs area per the Atlanta Region's Plan *Unified Growth Policy Map*. The DRI trigger for this development is a Land Disturbance Permit. The DRI was formally triggered with the filing of the Initial DRI Information (Form 1) on April 10, 2019 by the City of Locust Grove.

Figure 1 provides the site location of the *Gardner 42 Expansion* development. **Figure 2** and **Figure 3** provide an aerial view of the project site and surrounding area. Photographs taken within the vicinity of the proposed site driveways are provided in **Appendix A**. The City of Locust Grove Zoning Map and the *Atlanta Region's Plan Unified Growth Policy Map* are included in **Appendix B**.

The proposed project is expected to be completed by 2020, and this analysis will consider the full buildout of the proposed site in 2020. The comparison between DRI #2775 (2018) and the proposed development is summarized in **Table 1**.

| Table 1: DRI #2775 Vs Proposed Development | | | | | | | |
|--|---|--------------------|--|--|--|--|--|
| | DRI #2775 (2018) | Proposed (2019) | | | | | |
| Land Use | | | | | | | |
| Building 1 | 1,005,004 SF | 1,012,440 SF | | | | | |
| Building 2 | 1,005,004 SF | 657,600 SF | | | | | |
| Total | 2,010,008 SF | 1,670,040 SF | | | | | |
| Approximate Acreage | <u>+</u> 120 Acres | <u>+</u> 217 Acres | | | | | |
| Pro | oposed Parking | | | | | | |
| Auto Parking Spaces | 836 Spaces | 992 Spaces | | | | | |
| Trailer Parking Spaces | 650 Spaces | 1,863 Spaces | | | | | |
| Total | 1,486 Spaces | 2,855 Spaces | | | | | |
| Site Access | | | | | | | |
| Number of Driveways | Number of Driveways 2 Driveways 4 Driveways | | | | | | |
| Gross Trip Generation | | | | | | | |
| Gross Daily Trips | 3,222 Trips | 4,256 Trips | | | | | |

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Transportation Analysis

Location Map

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Gardner 42 Expansion DRI #2939 Transportation Analysis Site Aerial (Zoomed Out) Figure 2

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Gardner 42 Expansion DRI #2939
Transportation Analysis

Site Aerial (Zoomed In) Figure 3

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1.2 Site Plan Review

The proposed development is located on an approximate 217-acre site in the City of Locust Grove, GA. The project site is located approximately 300 feet north of the intersection of SR 42 and Market Place Boulevard and is bordered by SR 42 to the east and I-75 to the west. The proposed development will be a total of two (2) industrial warehouse facilities with a total of approximately 1,670,040 SF of warehousing space. The site is currently undeveloped. It should be noted that Building 1 (1,012,440 SF) is currently under construction and Building 2 (657,600 SF) is expected to be completed in 2020.

The City of Locust Grove Future Land Use Map classifies the project site as mixed-use district, mixed historic neighborhood and industrial land uses. The site completed the rezoning process (officially signed on May 7, 2018) and is now zoned for light manufacturing land use (M-1).

A reference of the proposed site plan is provided in **Appendix C**. A full-sized site plan consistent with GRTA's Site Plan Guidelines is also being submitted as part of the review package.

1.3 Site Access

As currently envisioned, the proposed development will be served by four (4) full-movement driveways. Three driveways will be along SR 42. SR 42 is a two-lane, undivided, minor arterial with a posted speed limit of 55 mph. One driveway will be along Market Place Boulevard. Market Place Boulevard is a three-lane, with center two-way left-turn lane (TWLTL) median, local road with a posted speed limit of 35 mph. A summary of the proposed site access points follows:

- Site Driveway A a proposed full-movement driveway located along SR 42. Site Driveway A is proposed to be aligned with Colvin Drive to become the fourth leg of the existing intersection of SR 42 at Colvin Drive. Site Driveway A is proposed to provide access to Building 2 only. Site Driveway A is proposed to be signalized.
- 2. Site Driveway B a proposed full-movement driveway located along SR 42. Site Driveway B is proposed to be aligned with N Jackson Street to become the fourth leg of the existing intersection of SR 42 at N Jackson Street. Site Driveway B is proposed to provide access to Building 1 and Building 2. Site Driveway B is proposed as a side-street stop-controlled full movement driveway.
- 3. Site Driveway C a proposed full-movement driveway located along SR 42 approximately 700 feet north of Colvin Drive. Site Driveway C is proposed to provide access to Building 1 only for both trucks and cars. Site Driveway C is proposed as a side-street stop-controlled full movement driveway.
- 4. Site Driveway D a proposed full-movement driveway located along Market Place Boulevard. Site Driveway D is proposed to be aligned with an existing Private Drive to become the fourth leg of the existing intersection of Market Place Boulevard at Private Drive. Site Driveway D is proposed to provide access to Building 1 and Building 2. Site Driveway D is proposed as a side-street stop-controlled full-movement driveway.

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The proposed site access points provide vehicular access to the development. Internal private drive aisles throughout the site provide access to buildings and parking facilities. See referenced site plan in **Appendix B** for a visual representation of vehicular access and circulation throughout the proposed development. The site driveways and internal roadways provide access to parking on the site. Parking will be provided through the development as follows:

Employee parking provided: 992
Trailer parking provided: 1,863

1.4 Bicycle and Pedestrian Facilities

Bicycle facilities do not currently exist along the project site frontage. Pedestrian facilities (sidewalks) are limited to parking areas within the project site. There are no pedestrian or bicycle projects programmed in the vicinity of the project site that will be completed prior to the buildout of the *Gardner 42 Expansion* development. According to the DRI site plan, no pedestrian or bicycle facilities are proposed.

1.5 Transit Facilities

There are no direct transit routes located within the vicinity of the project; therefore, no alternative mode reductions were taken.

2.0 TRAFFIC ANALYSIS, METHODOLOGY, AND ASSUMPTIONS

2.1 Growth Rate

Background traffic is defined as expected traffic on the roadway network in future year(s) absent the construction and opening of the proposed project. Background traffic can include a base growth rate based on historical count data as well as population growth data and estimates as well as trips anticipated from nearby or adjacent other projects. Based on methodology outlined in the GRTA Letter of Understanding (LOU), a 2.0 percent per year background traffic growth rate was used for all roadways.

In addition to the background growth, the project trips associated with the following developments were incorporated into the background traffic:

- Locust Grove Clayco DRI #2584 (approved 2016) 1,002,998 SF warehouse
- Locust Grove Clayco, Phase II DRI #2699 (approved 2018) 3,360,650 SF warehouse
- Locust Grove 75 South Logistics Center DRI #2867 (approved 2019) 2,615,250 SF warehouse

2.2 Traffic Data Collection

Weekday peak hour turning movement counts were collected on Thursday, March 21, 2019 at the study intersections during the AM and PM peak periods. Peak hours for all existing intersections are shown in **Table 2**.

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| | Table 2: Peak Hour Summary | | | | | | | |
|----|--|-------------------|-------------------|--|--|--|--|--|
| | Intersection | AM Peak Hour | PM Peak Hour | | | | | |
| | Thursday, March 21, 2019 | | | | | | | |
| 1. | SR 42 at Bethlehem Road / Michaels Dr | 7:15 AM - 8:15 AM | 4:45 PM – 5:45 PM | | | | | |
| 2. | SR 42 at Site Driveway A / Colvin Dr | 7:15 AM - 8:15 AM | 4:45 PM – 5:45 PM | | | | | |
| 3. | SR 42 at Site Driveway B / N Jackson St | 7:15 AM - 8:15 AM | 4:30 PM – 5:30 PM | | | | | |
| 4. | SR 42 at Market Place Blvd | 7:15 AM - 8:15 AM | 4:45 PM – 5:45 PM | | | | | |
| 5. | SR 42 at Bill Gardner Pkwy | 7:15 AM - 8:15 AM | 4:45 PM – 5:45 PM | | | | | |
| 6. | Bill Gardner Pkwy at Market Place Blvd / Tanger Blvd | 7:15 AM - 8:15 AM | 4:45 PM – 5:45 PM | | | | | |
| 7. | Bill Gardner Pkwy at I-75 North Ramps | 7:15 AM - 8:15 AM | 4:45 PM – 5:45 PM | | | | | |
| 8. | Bill Gardner Pkwy at I-75 South Ramps | 7:15 AM - 8:15 AM | 4:45 PM – 5:45 PM | | | | | |

The collected peak hour turning movement traffic counts are available upon request.

2.3 Detailed Intersection Analysis

Level-of-service (LOS) is used to describe the operating characteristics of a road segment or intersection in relation to its capacity. LOS is defined as a qualitative measure that describes operational conditions and motorists' perceptions within a traffic stream. The Highway Capacity Manual defines six levels-of-service, LOS A through LOS F, with A being the best and F being the worst. Level-of-service analyses were conducted at all intersections within the study network using Synchro Professional, Version 10.0.

LOS for signalized intersections are reported for the intersection as a whole. One or more movements at an intersection may experience a low LOS, while the intersection as a whole may operate acceptably.

LOS for unsignalized intersections, with stop control on the minor street only, are reported for the side street approaches and the major street left-turn movements. Low LOS for side street approaches are not uncommon, as vehicles may experience significant delays in turning onto a major roadway.

3.0 STUDY NETWORK

3.1 Gross Trip Generation

Traffic for the proposed land uses and densities were calculated using methodology contained in the *Institute of Transportation Engineers' (ITE) Trip Generation Manual, 10th Edition.* Gross trips generated are displayed below in **Table 3**.

It should be noted that a potential tenant for Building 2 has been identified. Trip generation for Building 2 has been estimated by collecting counts at a similar site (Lake Park, Georgia).

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| Table 3: Gross Trip Generation | | | | | | | | | |
|--------------------------------|-----------------------------------|--------------|---------------|-------|--------------|------|--------------|------|--|
| Vahiala Tura | Donaitu | ITE Code | Daily Traffic | | AM Peak Hour | | PM Peak Hour | | |
| Vehicle Type | Density | | Enter | Exit | Enter | Exit | Enter | Exit | |
| | Building 1 | | | | | | | | |
| Heavy Vehicle (Truck) Trips | 1 012 440 85 | 150 | 206 | 206 | 28 | 8 | 10 | 28 | |
| Employee (Car) Trips | 1,012,440 SF | 150 | 617 | 617 | 85 | 26 | 30 | 81 | |
| | | Building 2 | | | | | | | |
| Heavy Vehicle (Truck) Trips | 657 600 SE | 657,600 SF * | 285 | 285 | 20 | 23 | 43 | 28 | |
| Employee (Car) Trips | 657,600 SF | | 1,019 | 1,019 | 29 | 6 | 151 | 222 | |
| Total New Trips | | | | 2,127 | 162 | 63 | 234 | 359 | |
| Total Heavy | Total Heavy Vehicle (Truck) Trips | | | | 48 | 31 | 53 | 56 | |
| Tota | l Employee | | 1,636 | 1,636 | 114 | 32 | 181 | 303 | |

^{*}Per counts taken at a similar site in Lake Park, Georgia

3.2 Trip Distribution

The directional distribution and assignment of new project trips were based on the project land uses, a review of the land use densities and road facilities in the area, engineering judgment, and methodology discussions with the Georgia Regional Transportation Authority (GRTA), Atlanta Regional Commission (ARC), Henry County, and the City of Locust Grove staff. (See Section 5.0 Trip Distribution and Assignment).

3.3 Level-of-Service Standards

For the purposes of this traffic analysis, a level-of-service standard of D was assumed for all intersections and segments within the study network. If, however, an intersection or segment currently operates at LOS E or LOS F during an existing peak period, the LOS standard for the intersection during that peak period becomes LOS E, consistent with the GRTA Letter of Understanding.

3.4 Study Network Determination

A general study area was determined based on a review of land uses and population densities in the area as well as a review of peak hour traffic counts and engineering judgement. The study area was agreed upon during methodology discussions with GRTA, ARC, Henry County, and the City of Locust Grove staff, and includes the following eight (8) existing intersections described in **Table 4**. The study network under build-out conditions also includes all the proposed site driveways.

The existing study network includes four (4) signalized intersections and four (4) side-street stop-controlled intersections as noted in **Table 4**. The study intersections are shown in **Figure 4**.

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| | Table 4: Intersection Control Summary | | | | | | |
|----|---|--------------|--|--|--|--|--|
| | Intersection | Control | | | | | |
| 1. | SR 42 at Bethlehem Road / Michaels Drive | Stop Control | | | | | |
| 2. | SR 42 at Colvin Drive | Stop Control | | | | | |
| 3. | SR 42 at S Gardner Lane / N Jackson Street | Stop Control | | | | | |
| 4. | SR 42 at Market Place Boulevard | Stop Control | | | | | |
| 5. | SR 42 at Bill Gardner Parkway | Signal | | | | | |
| 6. | Bill Gardner Parkway at Tanger Boulevard / Market Place Boulevard | Signal | | | | | |
| 7. | Bill Gardner Parkway at I-75 NB Ramps | Signal | | | | | |
| 8. | Bill Gardner Parkway at I-75 SB Ramps | Signal | | | | | |

Each of the intersections listed in **Table 4** were analyzed for the Existing 2019 conditions, the Projected 2020 No-Build conditions, and the Projected 2020 Build conditions. The Projected 2020 No-Build conditions represent the existing traffic volumes grown for one (1) year at 2.0 percent per year throughout the study network, plus the project trips anticipated with *Locust Grove – Clayco DRI #2584, Locust Grove – Clayco Phase II DRI #2699, and Locust Grove – 75 South Logistics Center DRI #2867.*

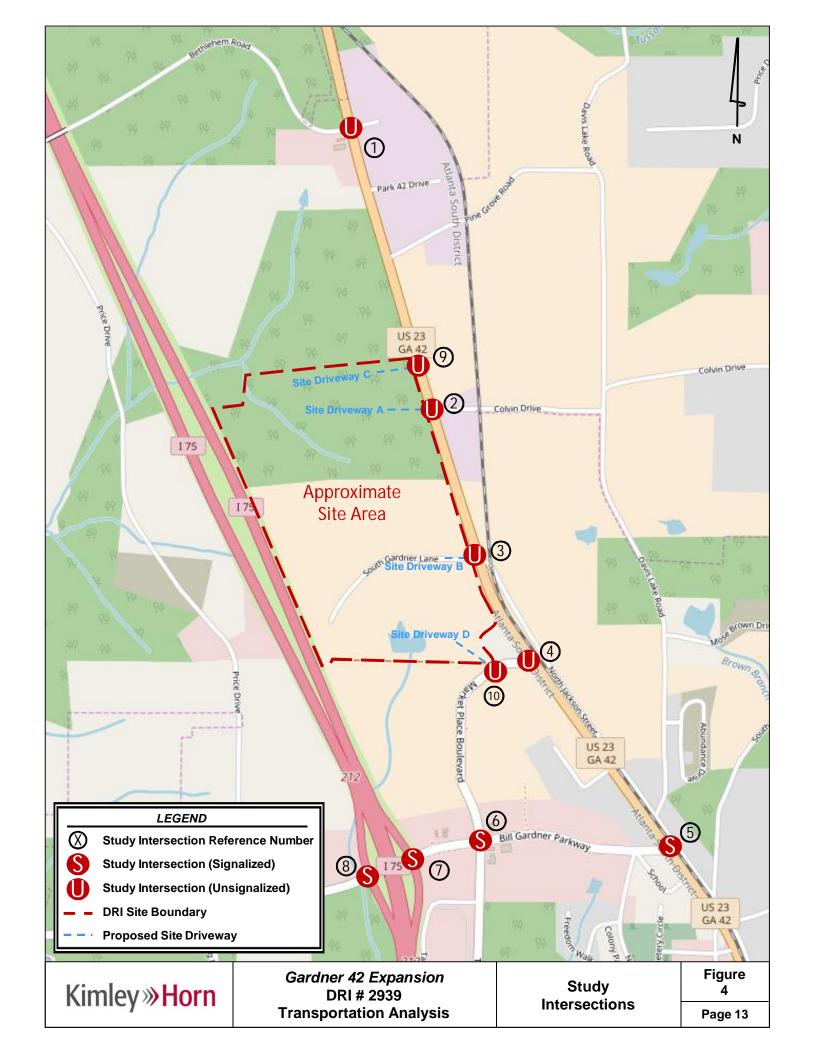
The Projected 2020 Build conditions add the project trips associated with the developments to the Projected 2020 No-Build conditions.

3.5 Existing Roadway Facilities

Roadway classification descriptions and estimated Average Daily Traffic (ADT) for the entire study area are provided in **Table 5** (bolded roadway runs adjacent to the site).

| Table 5: Roadway Classifications | | | | | | | | |
|--|-----------------|--------------------------------|---|------------------------------|--|--|--|--|
| Roadway | No. of Lanes | Posted Speed Limit (MPH) | Average Daily Traffic (ADT) | Functional Classification | | | | |
| SR 42 | 2 | 55 | 15,000 (north of Bethlehem Road) | Minor Arterial | | | | |
| Bethlehem Road / Michaels Drive | 2 | 45 | 1,200 (west of SR 42) | Local Road | | | | |
| Colvin Drive | 2 | 45 | No GDOT Count Stations | Local Road | | | | |
| S Gardner Lane / N Jackson Street | 2 | 35 | No GDOT Count Stations | Local Road | | | | |
| Market Place Boulevard / Tanger Boulevard | 2 | 35 | No GDOT Count Stations | Local Road | | | | |
| Bill Gardner Parkway | 5 | 35 | 22,000 (west of SR 42) | Minor Arterial | | | | |
| I-75 | 6 | 70 | 94,000 (north of Bill Gardner Parkway) | Interstate | | | | |

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4.0 TRIP GENERATION

As stated previously, gross trips associated with the proposed development were estimated using the *Institute of Transportation Engineers'* (*ITE*) *Trip Generation Manual*, 10th *Edition*, 2017, using equations where available. Trip generation for this proposed development is calculated based upon the following land use: Warehousing (ITE 150).

It should be noted that a potential tenant for Building 2 has been identified. Trip generation for Building 2 has been estimated by collecting counts at a similar site (Lake Park, Georgia).

The total (net) trips generated and analyzed in this report are listed in **Table 6**.

| Table 6: Net New Trip Generation | | | | | | | | | |
|----------------------------------|--|---------------|----------|-------|--------------|-------|----------|--|--|
| | [| Daily Traffic | | | AM Peak Hour | | eak Hour | | |
| | Total | Enter | Exit | Enter | Exit | Enter | Exit | | |
| | Building 1 (1,012,440 SF) | | | | | | | | |
| Heavy Vehicle (Truck) Trips* | 412 | 206 | 206 | 28 | 8 | 10 | 28 | | |
| Employee (Car) Trips* | 1,234 | 617 | 617 | 85 | 26 | 30 | 81 | | |
| | Buil | ding 2 (657 | ,600 SF) | | | | | | |
| Heavy Vehicle (Truck) Trips | 570 | 285 | 285 | 20 | 23 | 43 | 28 | | |
| Employee (Car) Trips | 2,038 | 1,019 | 1,019 | 29 | 6 | 151 | 222 | | |
| Gross Project Trips | Gross Project Trips 4,254 2,127 2,127 162 63 234 359 | | | | | 359 | | | |
| Alternative Mode Reduction | - 0 | - 0 | - 0 | - 0 | - 0 | - 0 | - 0 | | |
| Pass-by Reduction | - 0 | - 0 | - 0 | - 0 | - 0 | - 0 | - 0 | | |
| Total Trips | 4,254 | 2,127 | 2,127 | 162 | 63 | 234 | 359 | | |

^{*}Truck percentage per GRTA standard practice

A more detailed trip generation analysis summary table is provided in **Appendix D**.

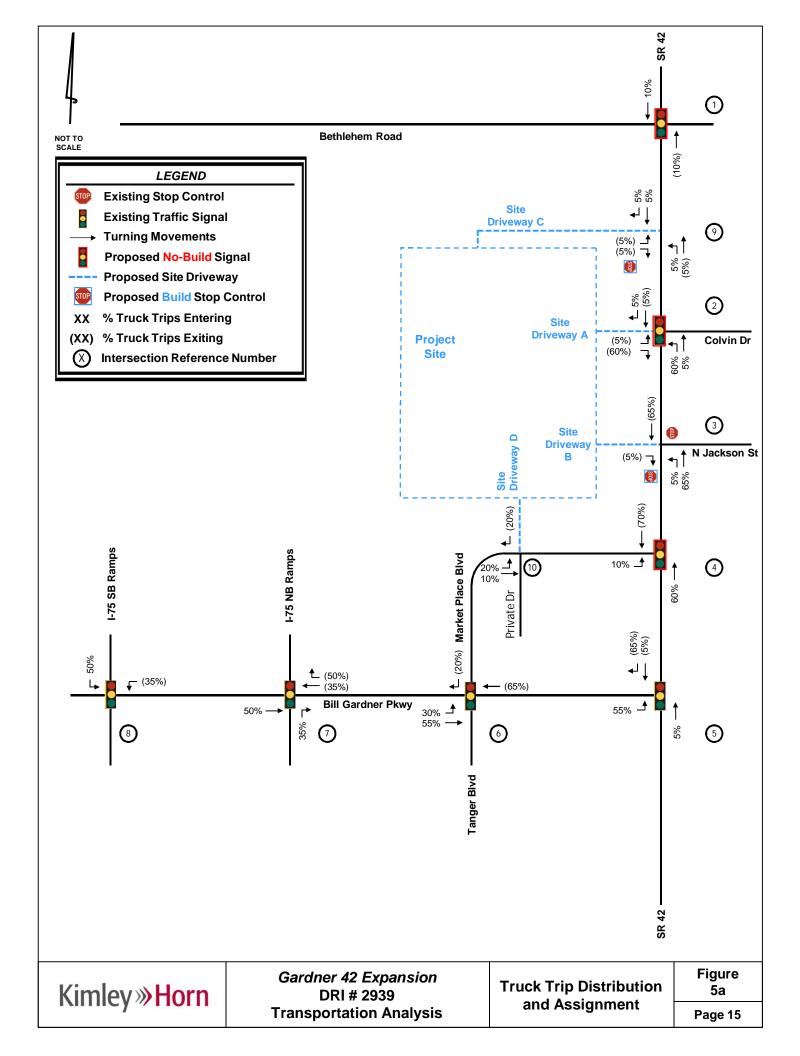
5.0 TRIP DISTRIBUTION AND ASSIGNMENT

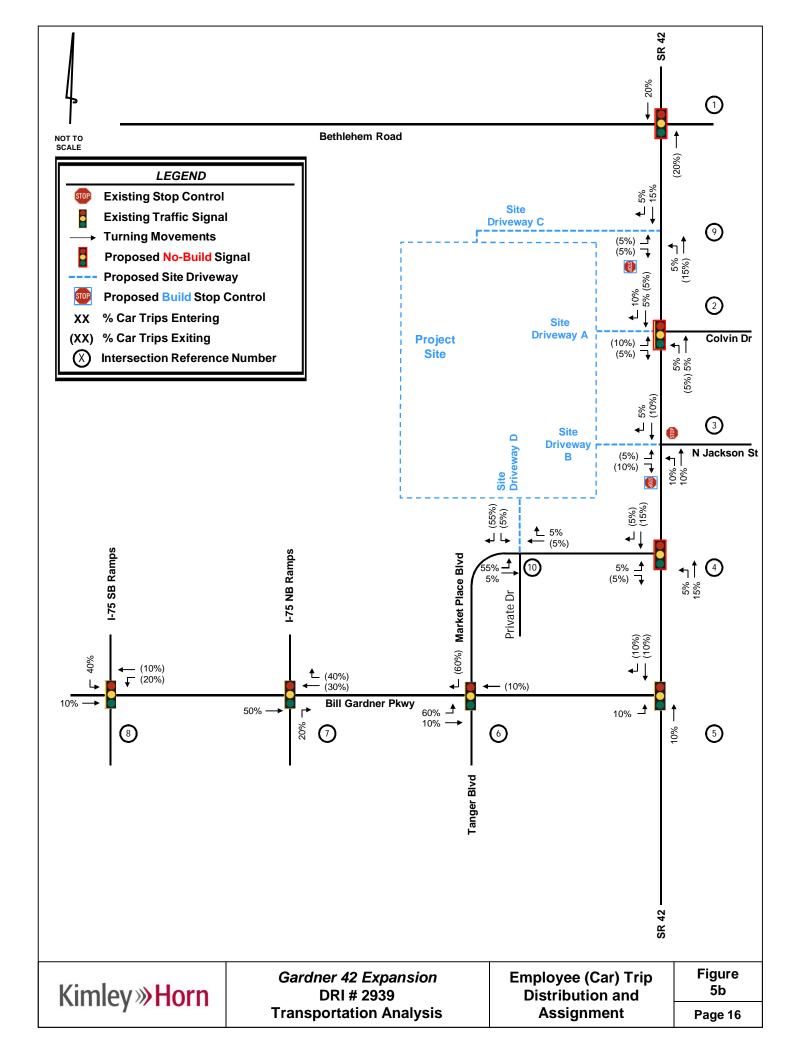
New trips were distributed onto the roadway network using the percentages developed as described in *Section 3.2* of this report, and as agreed to during methodology discussions with GRTA, ARC, Henry County, and the City of Locust Grove staff.

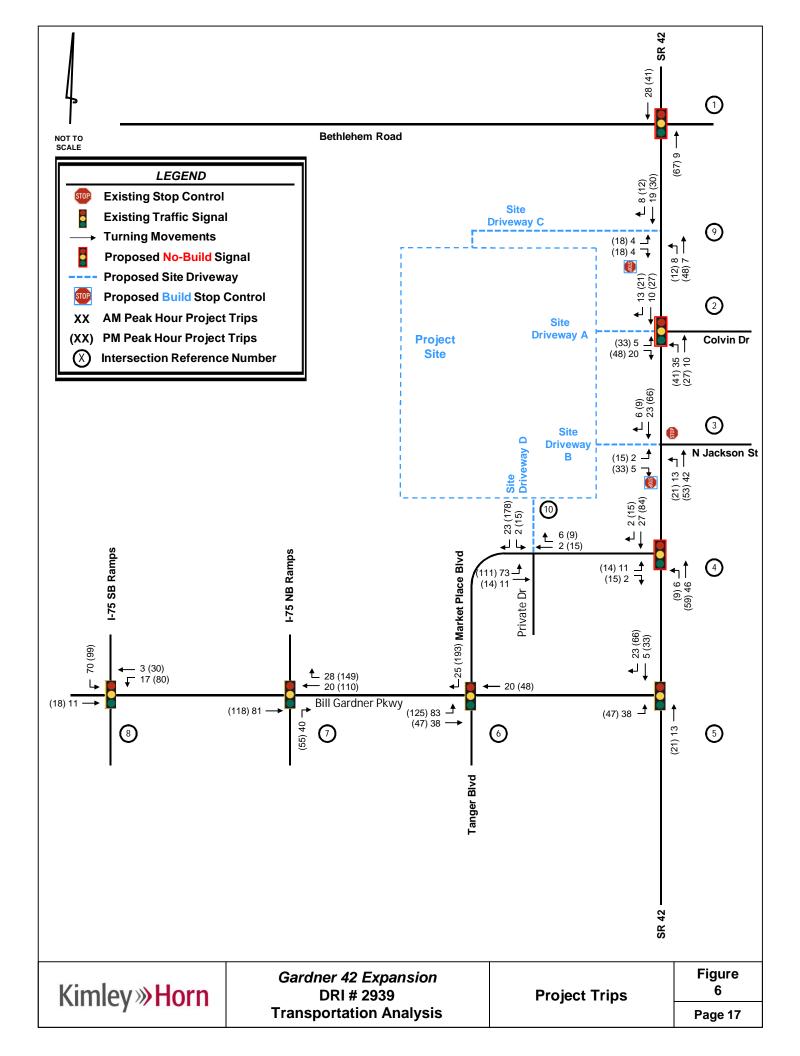
Figure 5a and **Figure 5b** displays the anticipated distribution and assignment of truck trips and employee (car) trips throughout the study roadway network. These trip assignment percentages were applied to the net new trips expected to be generated by the development, and the volumes were assigned to the roadway network. The combined peak hour project trips by turning movement throughout the study network, anticipated to be generated by the proposed *Gardner 42 Expansion* development, are shown on **Figure 6**.

Detailed intersection volume worksheets are provided in **Appendix E**.

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6.0 TRAFFIC ANALYSIS

6.1 Existing 2019 Conditions

The observed existing peak hour traffic volumes were entered into *Synchro 10.0*, and capacity analyses were performed for the AM and PM peak hours.

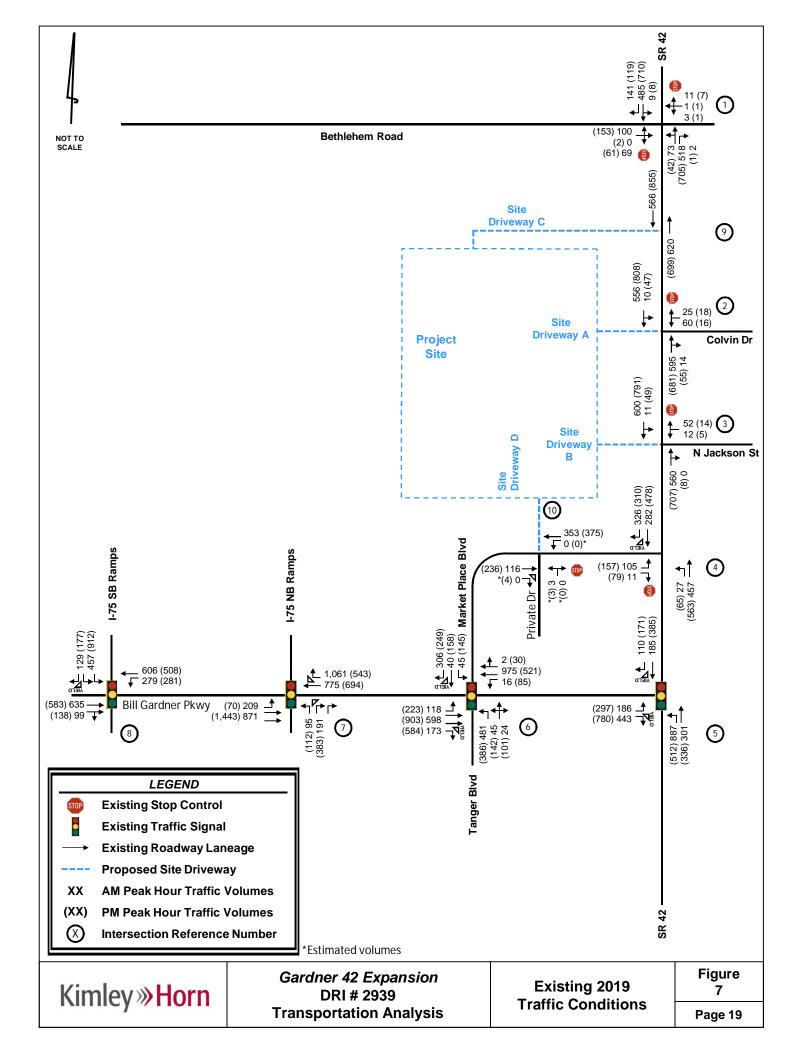
The existing peak hour traffic volumes are displayed in **Figure 7**, and the results of the capacity analyses for the Existing 2019 conditions are shown in **Table 7**. Detailed *Synchro* analysis reports are available upon request.

| | Table 7: Existing 2019 Level-of-Service Summary LOS (delay in seconds) | | | | | | | |
|----|---|---------|-----------------------|-------------|-----------------|-----------------|--|--|
| # | Intersection | Control | Approach/ Movement | LOS Std. | AM Peak Hour | PM Peak Hour | | |
| | | | NB Left | | A (8.9) | A (9.3) | | |
| 1 | SR 42 at Bethlehem Road / Michaels Drive | TWSC | SB Left | N/A | B (10.5) | B (10.9) | | |
| 1 | SK 42 at bettiletietti Koau / Michaels Diive | 10050 | EB | IN/A | F* (206.3) | F* (621.3) | | |
| | | | WB | | D (28.9) | D (29.2) | | |
| 2 | SR 42 at Colvin Drive | TWSC | SB Left | N/A | A (9.4) | A (9.4) | | |
| 2 | SK 42 at Colvill Drive | 10050 | WB | IN/A | F* (50.7) | D (32.1) | | |
| | SR 42 at S Gardner Lane / N Jackson Street | TWSC | NB Left | | A (0.0) | A (0.0) | | |
| 3 | | | SB Left | N/A | A (9.2) | A (9.4) | | |
| 3 | | | EB | | A (0.0) | A (0.0) | | |
| | | | WB | | C (22.6) | D (26.9) | | |
| 4 | CD 40 -4 Market Dia -a Davidavand | TWSC | NB Left | N/A | A (8.0) | A (8.5) | | |
| 4 | SR 42 at Market Place Boulevard | 10050 | EB | IN/A | D (25.5) | F* (53.1) | | |
| 5 | SR 42 at Bill Gardner Parkway | Signal | Overall | D | C (30.7) | C (33.4) | | |
| 6 | Bill Gardner Parkway at Tanger Boulevard / Market Place Boulevard | Signal | Overall | D | D (43.4) | D (41.5) | | |
| 7 | Bill Gardner Parkway at I-75 NB Ramps | Signal | Overall | D | A (3.4) | B (11.9) | | |
| 8 | Bill Gardner Parkway at I-75 SB Ramps | Signal | Overall | D | C (26.9) | D (44.7) | | |
| 10 | Market Place Boulevard at Private Drive | TWSC | NB | N/A | B (12.3) | B (13.0) | | |

*Note: It is not uncommon for vehicles at a side-street stop approach to experience significant delay when turning onto a major roadway TWSC = Two-Way Stop-Control, NB/SB = Northbound/Southbound, EB/WB = Eastbound/Westbound

As shown in **Table 7**, the side-street approaches at three (3) out of eight (8) study intersections currently operate below the acceptable level-of-service (LOS) standard of D during the AM and PM peak hours. It is not uncommon for vehicles at a side-street stop approach to experience significant delay when turning onto a major roadway.

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6.2 Projected 2020 No-Build Conditions

To account for growth in the vicinity of the proposed development, the existing traffic volumes were increased for one (1) year at 2.0 percent per year throughout the study network. Additionally, the estimated project trips from Locust Grove – Clayco DRI #2584, Locust Grove – Clayco, Phase II DRI #2699, and Locust Grove – 75 South Logistics Center DRI #2867 were included. These volumes were entered into Synchro 10.0, and capacity analyses were performed.

The Projected 2020 No-Build conditions were analyzed using existing roadway geometry and existing intersection control types. The intersection laneage and traffic volumes for the Projected 2020 No-Build conditions are shown in **Figure 8**. The results of the capacity analyses for the Projected 2020 No-Build are shown in **Table 8**. Detailed *Synchro* analysis reports are available upon request.

| Table 8: Projected 2020 No-Build Level-of-Service Summary LOS (delay in seconds) | | | | | | | |
|---|---|---------|-----------------------|-------------|-----------------|-----------------|--|
| # | Intersection | Control | Approach/ Movement | LOS Std. | AM Peak Hour | PM Peak Hour | |
| | | | NB Left | | A (9.2) | A (9.5) | |
| 1 | SR 42 at Bethlehem Road / Michaels Drive | TWSC | SB Left | N/A | B (10.7) | B (11.1) | |
| ' | SR 42 at Bethleriem Road / Michaels Drive | 10050 | EB | IN/A | F* (309.9) | F* (763.8) | |
| | | | WB | | D (33.4) | D (31.5) | |
| 2 | CD 40 of Column Drives | TMCC | SB Left | NI/A | B (11.4) | B (10.1) | |
| 2 | SR 42 at Colvin Drive | TWSC | WB | N/A | F* (492.3) | F* (1,171.1) | |
| | SR 42 at S Gardner Lane / N Jackson Street | TWSC | NB Left | N/A | A (0.0) | A (0.0) | |
| 3 | | | SB Left | IN/A | B (10.3) | A (9.9) | |
| 3 | | | EB | N/A | A (0.0) | A (0.0) | |
| | | | WB | | E* (41.9) | E* (43.0) | |
| 4 | SR 42 at Market Place Boulevard | TWSC | NB Left | N/A | A (8.1) | A (9.0) | |
| 4 | SR 42 at Market Place boulevard | 10050 | EB | IN/A | F* (88.4) | F* (130.4) | |
| 5 | SR 42 at Bill Gardner Parkway | Signal | Overall | D | E (63.7) | D (40.2) | |
| 6 | Bill Gardner Parkway at Tanger Boulevard / Market Place Boulevard | Signal | Overall | D | D (49.4) | D (51.3) | |
| 7 | Bill Gardner Parkway at I-75 NB Ramps | Signal | Overall | D | A (9.9) | B (12.7) | |
| 8 | Bill Gardner Parkway at I-75 SB Ramps | Signal | Overall | D | D (36.8) | D (52.2) | |
| 10 | Market Place Boulevard at Private Drive | TWSC | NB | N/A | B (13.5) | B (14.7) | |

*Note: It is not uncommon for vehicles at a side-street stop approach to experience significant delay when turning onto a major roadway TWSC = Two-Way Stop-Control, NB/SB = Northbound/Southbound, EB/WB = Eastbound/Westbound

As shown in **Table 8**, the side-street approaches at four (4) out of eight (8) study intersections are projected to operate below their acceptable LOS standard of D during the AM and PM peak hours for the Projected 2020 No-Build conditions. It is not uncommon for vehicles at a side-street stop approach to experience significant delay when turning onto a major roadway. The signalized intersection of SR 42 at Bill Gardner Parkway (Intersection #5) is projected to operate at LOS E during the AM peak hour for the Projected 2020 No-Build conditions.

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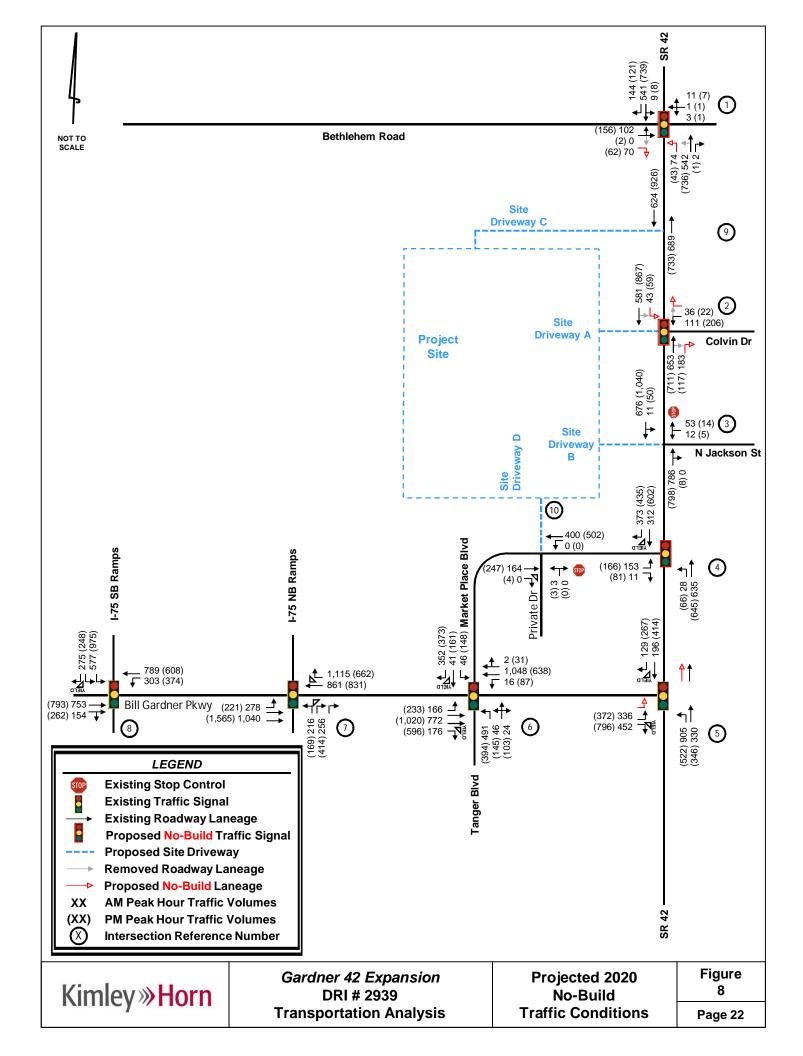
Based on the Existing 2019 conditions and Projected 2020 No-Build conditions, the following improvements are recommended:

- Intersection #1: SR 42 at Bethlehem Road
 - o If warranted, install a traffic signal.
 - o Along SR 42, provide one (1) northbound left-turn lane.
 - o Along Bethlehem Road, provide one (1) eastbound right-turn lane.
- Intersection #2: SR 42 at Colvin Drive
 - If warranted, install a traffic.
 - o Along SR 42, provide one (1) northbound right-turn lane.
 - o Along SR 42, provide one (1) southbound left-turn lane.
 - o Along Colvin Drive, provide one (1) westbound right-turn lane.
- Intersection #4: SR 42 at Market Place Boulevard
 - o If warranted, install a traffic signal.
- Intersection #5: SR 42 at Bill Gardner Parkway
 - Along Bill Gardner Parkway, restripe the median on the eastbound approach so that the approach consists of two (2) eastbound left-turn lanes.
 - Along SR 42, restripe the gore striped area to provide two (2) receiving lanes north of Bill Gardner Parkway.

The results of the capacity analysis for the Projected 2020 No-Build Improved conditions are shown in **Table 9**.

| Table 9: Projected 2020 No-Build Improved Level-of-Service Summary LOS (delay in seconds) | | | | | | |
|--|---------------------------------|---------|-----------------------|-------------|-----------------|-----------------|
| # | Intersection | Control | Approach/ Movement | LOS Std. | AM Peak Hour | PM Peak Hour |
| 1 | SR 42 at Bethlehem Road | Signal | Overall | D | A (7.6) | A (9.3) |
| 2 | SR 42 at Colvin Drive | Signal | Overall | D | A (7.8) | B (11.1) |
| 4 | SR 42 at Market Place Boulevard | Signal | | D | A (9.2) | A (8.1) |
| 5 | SR 42 at Bill Gardner Parkway | Signal | Overall | D | C (34.5) | D (37.9) |

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6.3 Projected 2020 Build Conditions

The traffic associated with the proposed *Gardner 42 Expansion* development was added to the Projected 2020 No-Build volumes. These volumes were then entered into *Synchro 10.0*, and capacity analyses were performed.

The intersection laneage and traffic volumes used for the Projected 2020 Build conditions are shown in **Figure 9.** The results of the capacity analyses for the Projected 2020 Build conditions are shown in **Table 10.** Detailed Synchro analysis reports are available upon request.

| Table 10: Projected 2020 Build Level-of-Service Summary LOS (delay in seconds) | | | | | | |
|---|---|---------|-----------------------|-------------|-----------------|-----------------|
| # | Intersection | Control | Approach/ Movement | LOS Std. | AM Peak Hour | PM Peak Hour |
| 1 | SR 42 at Bethlehem Road / Michaels Drive | TWSC | NB Left | | A (9.3) | A (9.6) |
| | | | SB Left | N/A | B (10.7) | B (11.6) |
| | | | EB | | F* (352.8) | F* (1,011.6) |
| | | | WB | | E* (35.5) | E* (37.5) |
| 2 | SR 42 at Colvin Drive / Site Driveway A | TWSC | NB Left | N/A | B (11.4) | B (12.7) |
| | | | SB Left | | B (11.5) | B (10.2) |
| | | | EB | | E *(40.6) | F* (118.7) |
| | | | WB | | F* (1,118.5) | F* (2,858.8) |
| 3 | SR 42 at N Jackson Street / Site Driveway B | TWSC | NB Left | | A (10.0) | B (11.6) |
| | | | SB Left | N/A | B (10.6) | B (10.1) |
| | | | EB | | E* (35.6) | F* (81.1) |
| | | | WB | | F* (53.1) | F* (60.4) |
| 4 | SR 42 at Market Place Boulevard | TWSC | NB Left | N/A | A (8.2) | A (9.4) |
| 4 | | | EB | | F* (158.5) | F* (256.5) |
| 5 | SR 42 at Bill Gardner Parkway | Signal | Overall | D | E (77.9) | D (50.5) |
| 6 | Bill Gardner Parkway at Tanger Boulevard / Market Place Boulevard | Signal | Overall | D | E (69.2) | E (74.4) |
| 7 | Bill Gardner Parkway at I-75 NB Ramps | Signal | Overall | D | D (51.5) | C (25.1) |
| 8 | Bill Gardner Parkway at I-75 SB Ramps | Signal | Overall | D | D (39.3) | D (52.8) |
| | SR 42 at Proposed Site Driveway C | TWSC | NB Left | N/A | A (9.9) | A (10.9) |
| 9 | | | EB | IN/A | D (34.7) | E* (45.8) |
| 10 | Market Place Boulevard at Proposed Site Driveway D / Private Drive | TWSC | EB Left | | A (8.8) | A (9.0) |
| | | | NB | N/A | C (19.7) | D (32.5) |
| | | | SB | | B (12.6) | C (15.6) |

*Note: It is not uncommon for vehicles at a side-street stop approach to experience significant delay when turning onto a major roadway TWSC = Two-Way Stop-Control, NB/SB = Northbound/Southbound, EB/WB = Eastbound/Westbound

As shown in **Table 10**, the side-street approaches at five (5) out of ten (10) study intersections are projected to operate below their acceptable LOS standard of D during the AM and PM peak hours for the Projected 2020 Build conditions. It is not uncommon for vehicles at a side-street stop approach to experience significant delay when turning onto a major roadway. The signalized intersection of SR 42 at Bill Gardner Parkway (Intersection #5) is projected to operate at LOS E during the AM peak hour for the Projected 2020 Build conditions. Additionally, the signalized intersection of Bill Gardner Parkway at Tanger Boulevard / Market Place Boulevard (Intersection #6) is projected to operate at LOS E during the AM and PM peak hours for the Projected 2020 Build conditions.

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With the improvements recommended in the Projected 2020 No-Build conditions, the intersections of SR 42 at Bethlehem Road (Intersection #1), SR 42 at Colvin Drive (Intersection #2), SR 42 at Market Place Boulevard (Intersection #4), and SR 42 at Bill Gardner Parkway (Intersection #5) are projected to operate at their acceptable overall level-of-service standard during the AM and PM peak hours. These results are shown in **Table 11**.

In addition to the recommended improvements under the Projected 2020 No-Build conditions, the following improvements are recommended in order for the intersection to operate at an acceptable or improved LOS:

- Intersection #6: Bill Gardner Parkway at Tanger Boulevard / Market Place Boulevard
 - Along Tanger Boulevard, restripe the northbound approach to provide one (1) left-turn lane and one (1) shared through/right-turn lane.
 - Remove Split phasing.

The results of the capacity analysis for the Projected 2020 Build Improved conditions are shown in **Table 11**.

| Table 11: Projected 2020 Build Improved Level-of-Service Summary LOS (delay in seconds) | | | | | | |
|--|---|---------|-----------------------|-------------|-----------------|-----------------|
| # | Intersection | Control | Approach/ Movement | LOS Std. | AM Peak Hour | PM Peak Hour |
| 1 | SR 42 at Bethlehem Road | Signal | Overall | D | A (7.7) | A (9.7) |
| 2 | SR 42 at Colvin Drive | Signal | Overall | D | B (12.9) | B (19.4) |
| 4 | SR 42 at Market Place Boulevard | Signal | Overall | D | B (10.2) | A (9.1) |
| 5 | SR 42 at Bill Gardner Parkway | Signal | Overall | D | D (39.7) | D (44.2) |
| 6 | SR 42 at Tanger Boulevard / Market Place Boulevard | Signal | Overall | D | D (53.8) | D (49.4) |

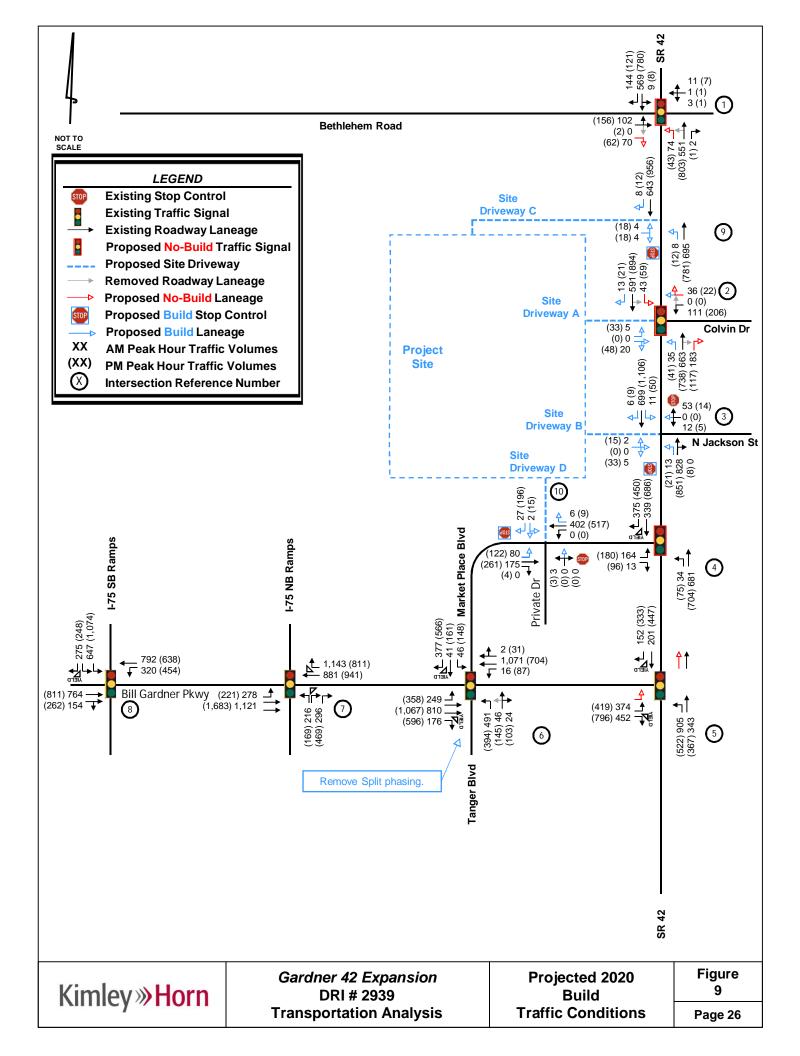
In addition to the above system improvements to serve the background road network traffic, the following site-access improvements are recommended to serve the traffic associated with the *Gardner 42 Expansion* development:

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The following site-access improvements are recommended to serve the traffic associated with the *Gardner 42 Expansion* development:

- Intersection #2: SR 42 at Site Driveway A / Colvin Drive
 - Along SR 42, provide one (1) northbound left-turn lane.
 - o Along SR 42, provide one (1) southbound right-turn lane.
 - o On the site, provide one (1) eastbound left-turn lane and one shared through/right-turn lane exiting the site onto SR 42, and one (1) ingress lane entering the site.
- Intersection #3: SR 42 at Site Driveway B / N Jackson Street
 - Along SR 42, provide one (1) northbound left-turn lane.
 - Along SR 42, provide one (1) southbound left-turn lane and one (1) southbound right-turn lane.
 - On the site, provide one (1) eastbound shared left-turn/through/right-turn lane exiting the site onto SR 42, and one (1) ingress lane entering the site.
- Intersection #9: SR 42 at Site Driveway C
 - o Along SR 42, provide one (1) northbound left-turn lane.
 - o Along SR 42, provide one (1) southbound right-turn lane.
 - On the site, provide one (1) shared left-turn/right-turn lane exiting the site onto SR 42, and one (1) ingress lane entering the site.
- Intersection #10: Market Place Boulevard at Site Driveway D
 - Along Market Place Boulevard, provide one (1) eastbound left-turn lane.
 - Along Market Place Boulevard, provide one (1) westbound right-turn lane.
 - On the site, provide one (1) southbound shared left-turn/through lane and one (1) southbound right-turn lane exiting the site onto Market Place Boulevard, and one (1) ingress lane entering the site.

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7.0 INGRESS/EGRESS ANALYSIS

Vehicular access to the proposed *Gardner 42 Expansion* development is proposed at four (4) locations. The site driveway location is discussed in Section 1.3.

The proposed site driveways provide vehicular access to the development. Internal private roadways throughout the site provide access throughout the development.

Capacity analyses were performed for the proposed site driveway intersections using Synchro 10.0. The results of the capacity analyses for this intersection (LOS, delay, and recommended laneage) are reported in Section 6.3 of this report. Based on the Projected 2020 Build conditions, the proposed site driveway intersections are anticipated to operate at an acceptable level-of-service. It should be noted that it is not uncommon for the side-street stop-controlled approach to experience long delays when there is heavy major street volume.

8.0 IDENTIFICATION OF PROGRAMMED PROJECTS

According to ARC's Transportation Improvement Program, the Regional Transportation Plan (Atlanta Region's Plan), GDOT's construction work programs, City of Locust Grove's programmed projects, and the GA STIP, the following projects are programmed or planned to be completed by the respective years within the vicinity of the proposed development. The identified projects are listed in **Table 12** below.

| Table 12: Programmed Improvements | | | | | | | |
|-----------------------------------|------|------------|--|--|--|--|--|
| # | Year | Project ID | Project Description | | | | |
| 1 | 2030 | HE-126B | Widen the section of Bill Gardner Parkway from Lester Mill Road to I-75 southbound from two lanes to six lanes | | | | |
| 2 | 2040 | AR-955 | New I-75 interchange at Bethlehem Road | | | | |
| 3 | 2030 | AR-318 | I-75 Commercial Vehicle Lanes from I-475 to SR 155 | | | | |
| 4 | TBD | HE-201 | SR 42 Bridge Replacement at the Norfolk Southern rail line | | | | |
| 5 | 2030 | HE-202 | Widen southbound SR 42 from Bill Gardner Parkway to Peeksville Road from one lane to two lanes. | | | | |

Fact sheets for projects can be found in **Appendix F**.

9.0 Internal Circulation Analysis

Internal roadways throughout the site provide vehicular access to all buildings and parking on the site. The proposed site driveways will provide access to buildings on the site. A detailed copy of the proposed site plan with internal site roadways is provided in **Appendix C** and a full-sized site plan is attached to the report.

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Appendix A Site Photo Log

11720 Amber Park Dr Suite 600 Alpharetta, GA 30009

Scannell Properties Photograph Sheet

KHA Job No.: <u>019139020</u> KHA Rep.: <u>OAZ</u>

Date: April 10, 2019

Page: 1 of 6

Site Name: Gardner 42 Expansion DRI #2939

Photo No. 1



Comments:

Looking north from Site Driveway A / Colvin Dr

Photo No. 2



Comments:

Looking east from Site Driveway A / Colvin Dr

11720 Amber Park Dr Suite 600 Alpharetta, GA 30009

Scannell Properties Photograph Sheet

KHA Job No.: 019139020

KHA Rep.: OAZ

Date: April 10, 2019

Page: 2 of 6

Site Name: Gardner 42 Expansion DRI #2939

Photo No. 3



Comments:

Looking south from Site Driveway A / Colvin Dr

Photo No. 4



Comments:

Looking north from Site Driveway B / N Jackson St

11720 Amber Park Dr Suite 600 Alpharetta, GA 30009

Scannell Properties Photograph Sheet

Site Name: Gardner 42 Expansion DRI #2939

KHA Job No.: 019139020

KHA Rep.: OAZ

Date: April 10, 2019

Page: 3 of 6

Photo No. 5



Comments:

Looking east from Site Driveway B / N Jackson St

Photo No. 6



Comments:

Looking south from Site Driveway B / N Jackson St

Kimley » Horn

11720 Amber Park Dr Suite 600 Alpharetta, GA 30009

Scannell Properties Photograph Sheet

KHA Job No.: 019139020

KHA Rep.: OAZ

Date: April 10, 2019

Page: 4 of 6

Site Name: Gardner 42 Expansion DRI #2939

Photo No. 7



Comments:

Looking north from Site Driveway C

Photo No. 8



Comments:

Looking east from Site Driveway C

Kimley » Horn

11720 Amber Park Dr Suite 600 Alpharetta, GA 30009

Scannell Properties Photograph Sheet

KHA Job No.: 019139020

KHA Rep.: OAZ

Date: April 10, 2019
Page: 5 of 6

Site Name: Gardner 42 Expansion DRI #2939

Photo No. 9



Comments:

Looking south from Site Driveway C

Photo No. 10



Comments:

Looking east from Site Driveway D / Private Dr

Kimley » Horn

11720 Amber Park Dr Suite 600 Alpharetta, GA 30009

Scannell Properties Photograph Sheet

KHA Job No.: 019139020

KHA Rep.: OAZ

Date: April 10, 2019

Page: 6 Of 6

Site Name: Gardner 42 Expansion DRI #2939

Photo No. 11



Comments:

Looking south from Site Driveway D / Private Dr

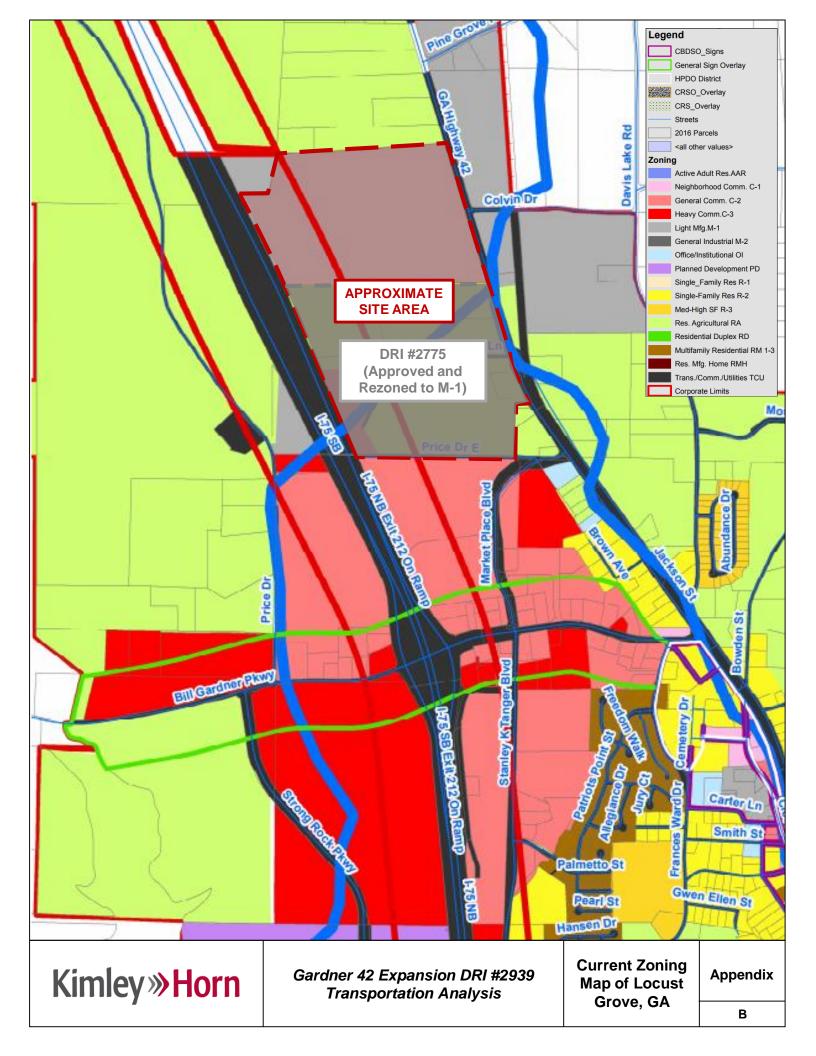
Photo No. 12

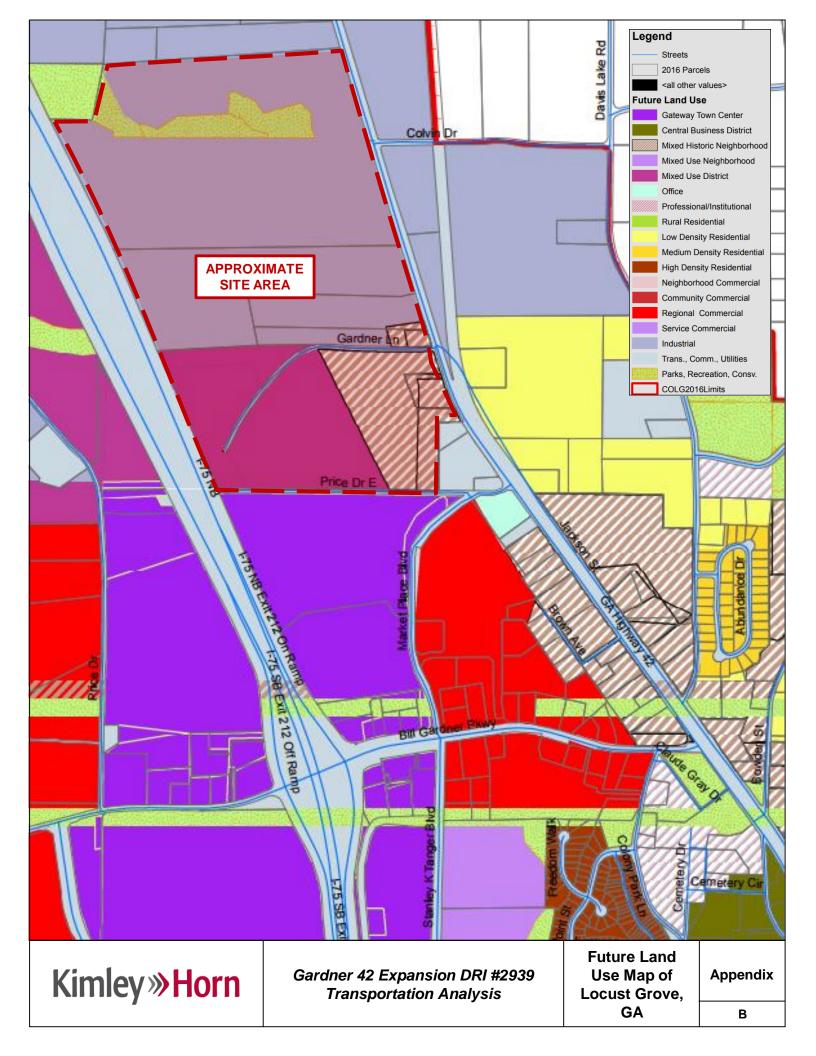


Comments:

Looking west from Site Driveway D / Private Dr

Appendix B Land Use and Zoning Maps





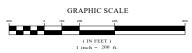
Appendix C Proposed Site Plan



VICINITY MAP

| | | ATION |
|------------|--------------------------------|--|
| ACREAGE: | TOTAL | ±217.12 AC |
| LOCATION: | | ET PLACE BLVE FATE ROUTE 42 INTERSTATE 75 TH JACKSON ST COLVIN DRIVE |
| | | LOCUST GROVE HENRY COUNTY DOT DISTRICT |
| | PARCEL(S) | 111-01006000 |
| | 112-010170 | 00, 112-01017004 |
| YIELD: | BUILDING COVER | 17.7% |
| | IMPERVIOUS COVE | R 60% |
| | GREENSPACE | 35% |
| | DENSITY: | 7,692 SF/ACRE |
| BUILDINGS: | BUILDING 1 | 1,012,440 S.F |
| | RDC FACILITY | 657,600 S.F |
| | TOTAL | 1,670,040 S.F |
| PAVEMENT: | PARKING SPACES | ±992 |
| | -REQUIRED | ±338 |
| | TRUCK DOCKS | ±422 |
| | TRAILER STORAGE (DEDICATED) | ±1,529 |
| SERVICES: | SEWER DEMAND | 50,000 GPI |
| | WATER DEMAND | 80,000 GPE |

ADDITIONAL SITE DATA



TRAFFIC ENGINEER

KIMLEY-HORN 11720 AMBER PARK DRIVE, SUITE 600 ALPHARETTA, GA 30009

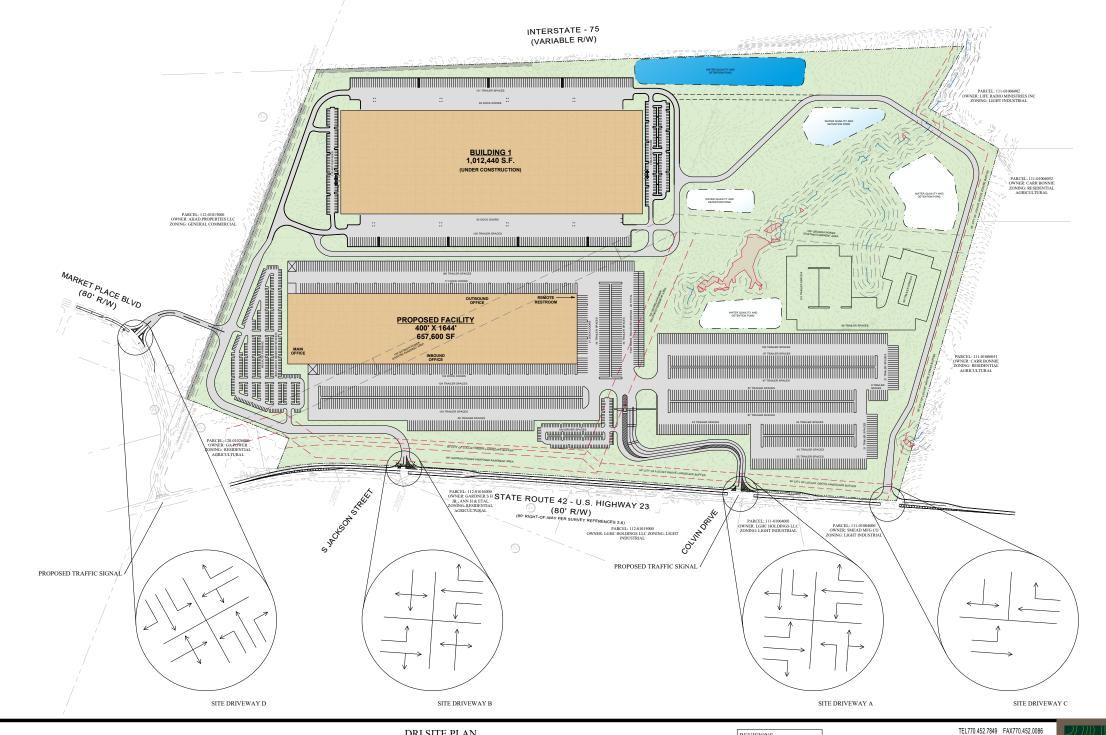
CONTACT: JOHN WALKER, P.E.

DEVELOPER

SCANNELL PROPERTIES 294 GROVE LANE EAST SUITE 140 WAYZATA, MN 55391

CONTACT: DANIEL MADRIGAL

BUILDING 1 DATA: TOTAL BUILDING AREA 1,012,440 SF TRAILER PARKING 261 SPACES DOCK DOORS 186 DOORS AUTO PARKING 326 SPACES RDC BUILDING DATA: 22,816 SF TOTAL BUILDING AREA 657,600 SF TRAILER PARKING 1,268 SPACES FUTURE TRAILER PARKING 244 SPACES DOCK DOORS 236 DOORS AUTO PARKING 482 SPACES DRIVER PARKING 184 SPACES 90 SPACES TRACTOR PARKING



DRI SITE PLAN

GARDNER 42 EXPANSION

LOCUST GROVE, GA DRI #2939 APRIL 8, 2019



CIVIL ENGINEER

EBERLY & ASSOCIATES, INC. 1852 CENTURY PLACE, SUITE 202 ATLANTA, GEORGIA 30345

CONTACT: WILLIAM GREER, P.E. (770) 452-7849

1852 CENTURY PLACE, SUITE 202 ATLANTA, GEORGIA 30345

LAND PLANNING
CIVIL ENGINEERING LANDSCAPE ARCHITECTURE



E&A# 19-021 DRI# 2939

Appendix D Trip Generation Analysis

Trip Generation Analysis (10th Ed.) Gardner 42 Expansion DRI #2939 Locust Grove, GA

| and Us | e | | Intensity | Daily | AM | Peak H | our | PM | Peak H | our |
|--------|--|-----------|-----------|--------|-------|--------|-----|-------|--------|-----|
| | | | | Trips | Total | In | Out | Total | In | Out |
| ropose | d Site Traffic | | | | | | | | | |
| 150 | Warehousing | 1,012,440 | s.f. | 1,646 | 147 | 113 | 34 | 149 | 40 | 109 |
| | Truck Trips (25% Warehousing Trips) | | | 412 | 36 | 28 | 8 | 38 | 10 | 28 |
| | Car Trips (75% Warehousing Trips) | | | 1,234 | 111 | 85 | 26 | 111 | 30 | 8 |
| * | Warehousing (per counts at a similar site) | 657,600 | s.f. | 2,610 | 78 | 49 | 29 | 444 | 194 | 250 |
| | Truck Trips (per counts at a similar site) | | | 570** | 43 | 20 | 23 | 71 | 43 | 28 |
| | Car Trips (per counts at a similar site) | | | 2038** | 34 | 29 | 6 | 373 | 151 | 222 |
| | TOTAL | 1,670,040 | s.f. | 4,256 | 225 | 162 | 63 | 593 | 234 | 359 |
| | | | | | | | | | | |
| Gros | s Trips | | | 4,256 | 225 | 162 | 63 | 593 | 234 | 359 |
| | Trips | | | 982 | 79 | 48 | 31 | 109 | 53 | 56 |
| | Mixed-Use Reductions | | | 0 | | | | 0 | 0 | 0 |
| | Alternative Mode Reductions | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Adjusted Truck Trips | | | 982 | 79 | 48 | 31 | 109 | 53 | 56 |
| Car T | rips | | | 3,272 | 145 | 114 | 32 | 484 | 181 | 303 |
| | Mixed-Use Reductions | | | 0 | | | | 0 | 0 | 0 |
| | Alternative Mode Reductions | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Adjusted Car Trips | | | 3,272 | 145 | 114 | 32 | 484 | 181 | 303 |
| Mixed | d-Use Reductions - TOTAL | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alterr | native Mode Reductions - TOTAL | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New | | | | 4,254 | 225 | 162 | 62 | 593 | 234 | 359 |
| | way Volumes | | | 4,254 | 225 | 162 | 62 | 593 | 234 | 359 |

^{**} estimated by assuming the sum of AM and PM peak hour trips is approximately 20% of daily trips.

k:\alp_tpto\019139020_gardner 42 expansion dri - locust grove - february 2019\1_dri - february 2019_phase ii\analysis\[2019-04-05_gardner 42 expansion_analysis_phase ii.xls]trip generation

Appendix EIntersection Volume Worksheets

Intersection #1: SR 42 @ Bethlehem Road AM PEAK HOUR

| | | SR 42 | | | SR 42 | | Ве | thlehem R | oad | Ве | thlehem R | oad |
|---|-------------|-----------|----------|-------|-----------|----------|-------|-----------|----------|-------|-----------|----------|
| | 1 | Northboun | <u>d</u> | 5 | Southboun | <u>d</u> | | Eastbound | <u>d</u> | 1 | Westboun | <u>d</u> |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| OL 10010 Tr. CT. V. I | 72 | 510 | | | 405 | 1.41 | 100 | | | | | 4.4 |
| Observed 2019 Traffic Volumes | 73 | 518 | 2 | 9 | 485 | 141 | 100 | 0 | 69 | 3 | 1 | 11 |
| Pedestrians | | 1 | | _ | 1 | | _ | ı | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 4 | 28 | 1 | 8 | 23 | 2 | 6 | 0 | 8 | 3 | 0 | 9 |
| Heavy Vehicle % | 5% | 5% | 50% | 89% | 5% | 2% | 6% | 0% | 12% | 100% | 2% | 82% |
| Peak Hour Factor | | 0.87 | | | 0.87 | | | 0.87 | | | 0.87 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 73 | 518 | 2 | 9 | 485 | 141 | 100 | 0 | 69 | 3 | 1 | - 11 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 3 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 11 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 Background Traffic | 74 | 542 | 2 | 9 | 541 | 144 | 102 | 0 | 70 | 3 | 1 | 11 |
| 2020 No-Build Heavy Vehicle % | 6% | 6% | 51% | 91% | 6% | 2% | 6% | 0% | 12% | 100% | 2% | 83% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | | | | 10% | | | | | | | |
| Trip Distribution OUT | | 10% | | | | | | | | | | |
| Truck Trips | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trip Distribution IN | | | | | 20% | | | | | | | |
| Trip Distribution OUT | | 20% | | 1 | 2070 | | 1 | 1 | | | | |
| 1 | 0 | 6 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Car Trips | 0 | - 6 | U | 0 | 23 | U | 0 | 0 | 0 | 0 | U | 0 |
| Total Project Trips | 0 | 9 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 Buildout Total | 74 | 551 | 2 | 9 | 569 | 144 | 102 | 0 | 70 | 3 | 1 | 11 |
| 2020 Build Heavy Vehicle % | 6% | 6% | 51% | 91% | 7% | 2% | 6% | 0% | 12% | 100% | 2% | 83% |

| | | SR 42 | | | SR 42 | | Ве | thlehem R | oad | Ве | thlehem R | oad |
|---|-------|-----------|----------|-------|-----------|----------|-------|-----------|-------|-------|-----------|----------|
| | 1 | Northboun | <u>d</u> | 5 | Southboun | <u>d</u> | | Eastbound | 1 | | Westboun | <u>d</u> |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 42 | 705 | 1 | 8 | 710 | 119 | 153 | 2 | 61 | 1 | 1 | 7 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 0 | 23 | 0 | 6 | 13 | 2 | 8 | 1 | 2 | 1 | 0 | 5 |
| Heavy Vehicle % | 2% | 3% | 2% | 75% | 2% | 2% | 5% | 50% | 3% | 100% | 2% | 71% |
| Peak Hour Factor | | 0.97 | | | 0.97 | | | 0.97 | | | 0.97 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 42 | 705 | 1 | 8 | 710 | 119 | 153 | 2 | 61 | 1 | 1 | 7 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 12 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 Background Traffic | 43 | 736 | 1 | 8 | 739 | 121 | 156 | 2 | 62 | 1 | 1 | 7 |
| 2020 No-Build Heavy Vehicle % | 2% | 4% | 2% | 77% | 3% | 2% | 5% | 51% | 3% | 100% | 2% | 73% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | | | | 10% | | | | | | | |
| Trip Distribution OUT | | 10% | | | 1070 | | | | | | | |
| Truck Trips | 0 | 6 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | - | - | | - | - | | | - | | - | - |
| Trip Distribution IN | | | | | 20% | | | | | | | |
| Trip Distribution OUT | | 20% | | | | | | | | | | |
| Car Trips | 0 | 61 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Track Decision Trains | | 67 | 0 | | 41 | 0 | | 0 | 0 | | 0 | 0 |
| Total Project Trips | 0 | 67 | 0 | 0 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 Buildout Total | 43 | 803 | 1 | 8 | 780 | 121 | 156 | 2 | 62 | 1 | 1 | 7 |
| 2020 Build Heavy Vehicle % | 2% | 4% | 2% | 77% | 3% | 2% | 5% | 51% | 3% | 100% | 2% | 73% |

Intersection #2: SR 42 @ Site Driveway A / Colvin Dr AM PEAK HOUR

| | | SR 42 | | | SR 42 | | Sit | te Drivewa | у А | | Colvin Dr | |
|---|-------|-----------|----------|-------|-----------|----------|-------|------------|-------|-------|-----------|----------|
| | 1 | Northboun | <u>d</u> | 5 | Southboun | <u>d</u> | | Eastbound | 1 | | Westboun | <u>d</u> |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| OL 10010 T. CT. V. I | | 505 | 1.4 | 10 | 556 | | | | | | | 25 |
| Observed 2019 Traffic Volumes | 0 | 595 | 14 | 10 | 556 | 0 | 0 | 0 | 0 | 60 | 0 | 25 |
| Pedestrians | | 1 | | _ | 1 | | | 1 | | _ | | _ |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 0 | 33 | 1 | 1 | 36 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Heavy Vehicle % | 0% | 6% | 7% | 10% | 6% | 0% | 0% | 0% | 0% | 3% | 0% | 2% |
| Peak Hour Factor | | 0.82 | | | 0.82 | | | 0.82 | | | 0.82 | |
| Adjustment | | | | | | | | | | | | <u> </u> |
| Adjusted 2019 Volumes | 0 | 595 | 14 | 10 | 556 | 0 | 0 | 0 | 0 | 60 | 0 | 25 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | - 11 | 39 | 8 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 2 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 35 | 130 | 25 | - 11 | 0 | 0 | 0 | 0 | 38 | 0 | 8 |
| 2020 Background Traffic | 0 | 653 | 183 | 43 | 581 | 0 | 0 | 0 | 0 | 111 | 0 | 36 |
| 2020 No-Build Heavy Vehicle % | 0% | 7% | 22% | 21% | 7% | 0% | 0% | 0% | 0% | 13% | 0% | 7% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | 60% | 5% | | | | 5% | | | | | | — |
| Trip Distribution OUT | 0070 | 370 | | | 5% | 370 | 5% | | 60% | | | |
| Truck Trips | 29 | 2 | 0 | 0 | 2 | 2 | 2 | 0 | 18 | 0 | 0 | 0 |
| Truck Trips | 23 | 2 | U | 0 | 2 | | | 0 | 10 | 0 | U | 0 |
| Trip Distribution IN | 5% | 5% | | | 5% | 10% | | | | | | |
| Trip Distribution OUT | | 5% | _ | | 5% | _ | 10% | | 5% | | | |
| Car Trips | 6 | 8 | 0 | 0 | 8 | 11 | 3 | 0 | 2 | 0 | 0 | 0 |
| | 2.5 | 10 | | | 10 | - 10 | | | ** | | | |
| Total Project Trips | 35 | 10 | 0 | 0 | 10 | 13 | 5 | 0 | 20 | 0 | 0 | 0 |
| 2020 Buildout Total | 35 | 663 | 183 | 43 | 591 | 13 | 5 | 0 | 20 | 111 | 0 | 36 |
| 2020 Build Heavy Vehicle % | 83% | 7% | 22% | 21% | 7% | 15% | 40% | 0% | 90% | 13% | 0% | 7% |

| | | SR 42 | | | SR 42 | | | e Drivewa | | | Colvin Di | |
|---|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|
| | - | Northbour | | _ | Southboun | | | Eastbound | | | Westboun | _ |
| Description | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 0 | 681 | 55 | 47 | 808 | 0 | 0 | 0 | 0 | 16 | 0 | 18 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 0 | 19 | 1 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heavy Vehicle % | 0% | 3% | 2% | 2% | 2% | 0% | 0% | 0% | 0% | 2% | 0% | 2% |
| Peak Hour Factor | 0.98 | | | 0.98 | | | 0.98 | | | 0.98 | | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 0 | 681 | 55 | 47 | 808 | 0 | 0 | 0 | 0 | 16 | 0 | 18 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 5 | 18 | 3 | 13 | 0 | 0 | 0 | 0 | 57 | 0 | 1 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 11 | 43 | 8 | 30 | 0 | 0 | 0 | 0 | 133 | 0 | 3 |
| 2020 Background Traffic | 0 | 711 | 117 | 59 | 867 | 0 | 0 | 0 | 0 | 206 | 0 | 22 |
| 2020 No-Build Heavy Vehicle % | 0% | 3% | 16% | 7% | 3% | 0% | 0% | 0% | 0% | 28% | 0% | 6% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | 60% | 5% | | | | 5% | | | | | | |
| Trip Distribution OUT | | | | | 5% | | 5% | | 60% | | | |
| Truck Trips | 32 | 3 | 0 | 0 | 3 | 3 | 3 | 0 | 33 | 0 | 0 | 0 |
| Trip Distribution IN | 5% | 5% | | | 5% | 10% | | | | | | |
| Trip Distribution OUT | | 5% | | | 5% | | 10% | | 5% | | | |
| Car Trips | 9 | 24 | 0 | 0 | 24 | 18 | 30 | 0 | 15 | 0 | 0 | 0 |
| Total Project Trips | 41 | 27 | 0 | 0 | 27 | 21 | 33 | 0 | 48 | 0 | 0 | 0 |
| | | | | | | | | | | | | |
| 2020 Buildout Total | 41 | 738 | 117 | 59 | 894 | 21 | 33 | 0 | 48 | 206 | 0 | 22 |
| 2020 Build Heavy Vehicle % | 78% | 4% | 16% | 7% | 4% | 14% | 9% | 0% | 69% | 28% | 0% | 6% |

Intersection #3: SR 42 @ Site Driveway B / N Jackson St ${\bf AM\ PEAK\ HOUR}$

| | | SR 42 | | | SR 42 | | Si | e Drivewa | уВ | 1 | V Jackson S | St |
|---|-------|-----------|----------|-------|-----------|----------|-------|-----------|----------|-------|-------------|----------|
| | 1 | Northboun | <u>d</u> | 5 | Southboun | <u>d</u> | | Eastbound | <u>1</u> | 1 | Westboun | <u>d</u> |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 0 | 560 | 0 | - 11 | 600 | 0 | 0 | 0 | 0 | 12 | 0 | 52 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 0 | 33 | 0 | 1 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heavy Vehicle % | 0% | 6% | 0% | 9% | 6% | 0% | 0% | 0% | 0% | 2% | 0% | 2% |
| Peak Hour Factor | | 0.82 | | | 0.82 | | | 0.82 | | | 0.82 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 0 | 560 | 0 | 11 | 600 | 0 | 0 | 0 | 0 | 12 | 0 | 52 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 49 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 166 | 0 | 0 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 Background Traffic | 0 | 786 | 0 | 11 | 676 | 0 | 0 | 0 | 0 | 12 | 0 | 53 |
| 2020 No-Build Heavy Vehicle % | 0% | 11% | 0% | 9% | 7% | 0% | 0% | 0% | 0% | 2% | 0% | 2% |
| | | | | | | | | | | | | |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | 5% | 65% | | | | | | | | | | |
| Trip Distribution OUT | | | | | 65% | | | | 5% | | | |
| Truck Trips | 2 | 31 | 0 | 0 | 20 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| | | | | | | | | | | | | |
| Trip Distribution IN | 10% | 10% | | | | 5% | | | | | | |
| Trip Distribution OUT | | | | | 10% | | 5% | | 10% | | | |
| Car Trips | 11 | 11 | 0 | 0 | 3 | 6 | 2 | 0 | 3 | 0 | 0 | 0 |
| | | | | | | | | | | | | |
| Total Project Trips | 13 | 42 | 0 | 0 | 23 | 6 | 2 | 0 | 5 | 0 | 0 | 0 |
| 2020 Buildout Total | 13 | 828 | 0 | 11 | 699 | 6 | 2 | 0 | 5 | 12 | 0 | 53 |
| 2020 Build Heavy Vehicle % | 15% | 14% | 0% | 9% | 10% | 2% | 2% | 0% | 40% | 2% | 0% | 2% |

| | | SR 42 | | | SR 42 | | | e Drivewa | - | | N Jackson S | |
|---|-------|-----------|----------|-------|-----------|-------|-------|-----------|-------|-------|--|--|
| | I | Northbour | | 5 | Southboun | | | Eastboun | | | Westboun | |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 0 | 707 | 8 | 49 | 791 | 0 | 0 | 0 | 0 | 5 | 0 | 14 |
| Pedestrians | | | | | | | | | | | | , |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 0 | 20 | 0 | 2 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Heavy Vehicle % | 0% | 3% | 2% | 4% | 2% | 0% | 0% | 0% | 0% | 2% | 0% | 7% |
| Peak Hour Factor | | 0.97 | | | 0.97 | | | 0.97 | | | 0.97 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 0 | 707 | 8 | 49 | 791 | 0 | 0 | 0 | 0 | 5 | 0 | 14 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 23 | 0 | 0 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 54 | 0 | 0 | 163 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 Background Traffic | 0 | 798 | 8 | 50 | 1,040 | 0 | 0 | 0 | 0 | 5 | 0 | 14 |
| 2020 No-Build Heavy Vehicle % | 0% | 5% | 2% | 4% | 8% | 0% | 0% | 0% | 0% | 2% | 0% | 7% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | 5% | 65% | | | | | | | | | | |
| Trip Distribution OUT | | | | | 65% | | | | 5% | | | <u> </u> |
| Truck Trips | 3 | 35 | 0 | 0 | 36 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Trip Distribution IN | 10% | 10% | | | | 5% | | | | | | - |
| Trip Distribution OUT | 10/0 | 10/0 | | | 10% | 370 | 5% | | 10% | | | |
| Car Trips | 18 | 18 | 0 | 0 | 30 | 9 | 15 | 0 | 30 | 0 | 0 | 0 |
| са тиро | 10 | 10 | U | U | 30 | 7 | 13 | U | 30 | U | U | |
| Total Project Trips | 21 | 53 | 0 | 0 | 66 | 9 | 15 | 0 | 33 | 0 | 0 | 0 |
| 2020 Buildout Total | 21 | 851 | 8 | 50 | 1,106 | 9 | 15 | 0 | 33 | 5 | 0 | 14 |
| 2020 Build Heavy Vehicle % | 14% | 9% | 2% | 4% | 11% | 2% | 2% | 0% | 9% | 2% | 0% | 7% |

Intersection #4: SR 42 @ Market Place Blvd AM PEAK HOUR

| | | SR 42 | | | SR 42 | | | rket Place | | | | |
|---|-------|-----------|-------|-------|-----------|-------|-------|------------|-------|-------|----------|-------|
| | 1 | Northbour | | _ | Southbour | | | Eastbound | | | Westboun | |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 27 | 457 | 0 | 0 | 282 | 326 | 105 | 0 | - 11 | 0 | 0 | 0 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 0 | 29 | 0 | 0 | 27 | 8 | 5 | 0 | 1 | 0 | 0 | 0 |
| Heavy Vehicle % | 2% | 6% | 0% | 0% | 10% | 2% | 5% | 0% | 9% | 0% | 0% | 0% |
| Peak Hour Factor | | 0.85 | | | 0.85 | | | 0.85 | | | 0.85 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 27 | 457 | 0 | 0 | 282 | 326 | 105 | 0 | 11 | 0 | 0 | 0 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 39 | 0 | 0 | 6 | 9 | 11 | 0 | 0 | 0 | 0 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 130 | 0 | 0 | 18 | 31 | 35 | 0 | 0 | 0 | 0 | 0 |
| 2020 Background Traffic | 28 | 635 | 0 | 0 | 312 | 373 | 153 | 0 | - 11 | 0 | 0 | 0 |
| 2020 No-Build Heavy Vehicle % | 2% | 11% | 0% | 0% | 11% | 5% | 11% | 0% | 9% | 0% | 0% | 0% |
| • | | | | | | | | | | | | |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | 60% | | | | | 10% | | | | | |
| Trip Distribution OUT | | | | | 70% | | | | | | | |
| Truck Trips | 0 | 29 | 0 | 0 | 22 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| • | | | | | | | | | | | | |
| Trip Distribution IN | 5% | 15% | | | | | 5% | | | | | |
| Trip Distribution OUT | | | | | 15% | 5% | | | 5% | | | |
| Car Trips | 6 | 17 | 0 | 0 | 5 | 2 | 6 | 0 | 2 | 0 | 0 | 0 |
| - | | | | | | | | | | | | |
| Total Project Trips | 6 | 46 | 0 | 0 | 27 | 2 | 11 | 0 | 2 | 0 | 0 | 0 |
| * ^ | | | | | | | | | | | | |
| 2020 Buildout Total | 34 | 681 | 0 | 0 | 339 | 375 | 164 | 0 | 13 | 0 | 0 | 0 |
| 2020 Build Heavy Vehicle % | 2% | 14% | 0% | 0% | 16% | 5% | 13% | 0% | 8% | 0% | 0% | 0% |

| | | SR 42 | | | SR 42 | | Mai | rket Place | Blvd | | | |
|---|-------|-----------|----------|-------|-----------|-----------|-------|------------|-------|-------|----------|----------|
| | 1 | Northbour | <u>d</u> | 5 | Southboun | <u>ıd</u> | | Eastbound | 1 | | Westboun | <u>d</u> |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 65 | 563 | 0 | 0 | 478 | 310 | 157 | 0 | 79 | 0 | 0 | 0 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 1 | 14 | 0 | 0 | 9 | 2 | 4 | 0 | 1 | 0 | 0 | 0 |
| Heavy Vehicle % | 2% | 2% | 0% | 0% | 2% | 2% | 3% | 0% | 2% | 0% | 0% | 0% |
| Peak Hour Factor | | 0.99 | | | 0.99 | | | 0.99 | | | 0.99 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 65 | 563 | 0 | 0 | 478 | 310 | 157 | 0 | 79 | 0 | 0 | 0 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 21 | 0 | 0 | 34 | 36 | 2 | 0 | 0 | 0 | 0 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 50 | 0 | 0 | 80 | 83 | 4 | 0 | 0 | 0 | 0 | 0 |
| 2020 Background Traffic | 66 | 645 | 0 | 0 | 602 | 435 | 166 | 0 | 81 | 0 | 0 | 0 |
| 2020 No-Build Heavy Vehicle % | 2% | 5% | 0% | 0% | 7% | 10% | 4% | 0% | 2% | 0% | 0% | 0% |
| Project Trips (Future Development Only) | + | | | | | | | | | | | |
| Trip Distribution IN | | 60% | | | | | 10% | | | | | |
| Trip Distribution OUT | | | | | 70% | | | | | | | |
| Truck Trips | 0 | 32 | 0 | 0 | 39 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Trip Distribution IN | 5% | 15% | | | | | 5% | | | | | |
| Trip Distribution OUT | 570 | 2070 | | | 15% | 5% | - 70 | | 5% | | | |
| Car Trips | 9 | 27 | 0 | 0 | 45 | 15 | 9 | 0 | 15 | 0 | 0 | 0 |
| True I Decire of Tries | 9 | 50 | 0 | 0 | 0.4 | 15 | 14 | 0 | 1.5 | 0 | 0 | - |
| Total Project Trips | 9 | 59 | 0 | 0 | 84 | 15 | 14 | 0 | 15 | 0 | 0 | 0 |
| 2020 Buildout Total | 75 | 704 | 0 | 0 | 686 | 450 | 180 | 0 | 96 | 0 | 0 | 0 |
| 2020 Build Heavy Vehicle % | 2% | 10% | 0% | 0% | 12% | 9% | 6% | 0% | 2% | 0% | 0% | 0% |

Intersection #5: SR 42 @ Bill Gardner Parkway AM PEAK HOUR

| | | SR 42 | | | SR 42 | | Bill | Gardner Pa | rkway | | | |
|---|-------|-----------|-------|-------|-----------|-------|-------|------------|-------|-------|----------|--------------|
| | 1 | Northboun | d | | Southboun | d | | Eastbound | i | , | Westboun | d |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 887 | 301 | 0 | 0 | 185 | 110 | 186 | 0 | 443 | 0 | 0 | 0 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 32 | 13 | 0 | 0 | 14 | 13 | 16 | 0 | 15 | 0 | 0 | 0 |
| Heavy Vehicle % | 4% | 4% | 0% | 0% | 8% | 12% | 9% | 0% | 3% | 0% | 0% | 0% |
| Peak Hour Factor | | 0.92 | | | 0.92 | | | 0.92 | | | 0.92 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 887 | 301 | 0 | 0 | 185 | 110 | 186 | 0 | 443 | 0 | 0 | 0 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 5 | 0 | 0 | 2 | 4 | 34 | 0 | 0 | 0 | 0 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 18 | 0 | 0 | 5 | 13 | 112 | 0 | 0 | 0 | 0 | 0 |
| 2020 Background Traffic | 905 | 330 | 0 | 0 | 196 | 129 | 336 | 0 | 452 | 0 | 0 | 0 |
| 2020 No-Build Heavy Vehicle % | 4% | 6% | 0% | 0% | 8% | 13% | 15% | 0% | 3% | 0% | 0% | 0% |
| | | | | | | | | | | | | ļ |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | 5% | | | | | 55% | | | | | <u> </u> |
| Trip Distribution OUT | | | | | 5% | 65% | | | | | | <u> </u> |
| Truck Trips | 0 | 2 | 0 | 0 | 2 | 20 | 27 | 0 | 0 | 0 | 0 | 0 |
| Trip Distribution IN | | 10% | | | | | 10% | | | | | |
| Trip Distribution OUT | | | | | 10% | 10% | | | | | | |
| Car Trips | 0 | 11 | 0 | 0 | 3 | 3 | 11 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | |
| Total Project Trips | 0 | 13 | 0 | 0 | 5 | 23 | 38 | 0 | 0 | 0 | 0 | 0 |
| 2020 Buildout Total | 905 | 343 | 0 | 0 | 201 | 152 | 374 | 0 | 452 | 0 | 0 | 0 |
| 2020 Build Heavy Vehicle % | 4% | 6% | 0% | 0% | 9% | 25% | 21% | 0% | 3% | 0% | 0% | 0% |

| | | SR 42 | | | SR 42 | | Bill | Gardner Pa | rkway | | • | |
|---|-------|-----------|-----------|-------|-----------|-----------|-------|------------|----------|-------|----------|-------|
| | 1 | Northboun | <u>ıd</u> | 5 | Southboun | <u>ıd</u> | | Eastboun | <u>d</u> | 3 | Westboun | d |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 512 | 336 | 0 | 0 | 385 | 171 | 297 | 0 | 780 | 0 | 0 | 0 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 18 | 8 | 0 | 0 | 9 | 2 | 7 | 0 | 18 | 0 | 0 | 0 |
| Heavy Vehicle % | 4% | 2% | 0% | 0% | 2% | 2% | 2% | 0% | 2% | 0% | 0% | 0% |
| Peak Hour Factor | | 0.96 | | | 0.96 | | | 0.96 | | | 0.96 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 512 | 336 | 0 | 0 | 385 | 171 | 297 | 0 | 780 | 0 | 0 | 0 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 1 | 0 | 0 | 6 | 28 | 21 | 0 | 0 | 0 | 0 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 2 | 0 | 0 | 15 | 65 | 48 | 0 | 0 | 0 | 0 | 0 |
| 2020 Background Traffic | 522 | 346 | 0 | 0 | 414 | 267 | 372 | 0 | 796 | 0 | 0 | 0 |
| 2020 No-Build Heavy Vehicle % | 4% | 3% | 0% | 0% | 4% | 12% | 8% | 0% | 2% | 0% | 0% | 0% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | 5% | | | | | 55% | | | | | |
| Trip Distribution OUT | | | | | 5% | 65% | | | | | | |
| Truck Trips | 0 | 3 | 0 | 0 | 3 | 36 | 29 | 0 | 0 | 0 | 0 | 0 |
| • | | | | | | | | | | | | |
| Trip Distribution IN | | 10% | | | | | 10% | | | | | |
| Trip Distribution OUT | | | | | 10% | 10% | | | | | | |
| Car Trips | 0 | 18 | 0 | 0 | 30 | 30 | 18 | 0 | 0 | 0 | 0 | 0 |
| Total Project Trips | 0 | 21 | 0 | 0 | 33 | 66 | 47 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | |
| 2020 Buildout Total | 522 | 367 | 0 | 0 | 447 | 333 | 419 | 0 | 796 | 0 | 0 | 0 |
| 2020 Build Heavy Vehicle % | 4% | 3% | 0% | 0% | 4% | 20% | 14% | 0% | 2% | 0% | 0% | 0% |

Intersection #6: Bill Gardner Pkwy @ Tanger Blvd / Market Place Blvd AM PEAK HOUR

| | | Tanger Blv | d | Ma | rket Place l | Blvd | Bill | Gardner F | kwy | Bil | Gardner P | kwy |
|---|-------|------------|----------|-------|--------------|----------|-------|-----------|----------|-------|-----------|----------|
| | 1 | Northboun | <u>d</u> | 5 | Southboun | <u>d</u> | | Eastbound | <u>i</u> | | Westboun | <u>d</u> |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 481 | 45 | 24 | 45 | 40 | 306 | 118 | 598 | 173 | 16 | 975 | 2 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 7 | 2 | 1 | 4 | 0 | 7 | 4 | 27 | 8 | 0 | 36 | 0 |
| Heavy Vehicle % | 2% | 4% | 4% | 9% | 2% | 2% | 3% | 5% | 5% | 2% | 4% | 2% |
| Peak Hour Factor | | 0.86 | | | 0.86 | | | 0.86 | | | 0.86 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 481 | 45 | 24 | 45 | 40 | 306 | 118 | 598 | 173 | 16 | 975 | 2 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | 16 | | | 36 | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 0 | 0 | 0 | 0 | 9 | 11 | 34 | 0 | 0 | 4 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 0 | 0 | 0 | 0 | 31 | 35 | 112 | 0 | 0 | 13 | 0 |
| 2020 Background Traffic | 491 | 46 | 24 | 46 | 41 | 352 | 166 | 772 | 176 | 16 | 1,048 | 2 |
| 2020 No-Build Heavy Vehicle % | 2% | 4% | 4% | 9% | 2% | 5% | 9% | 8% | 5% | 2% | 4% | 2% |
| | | | | | | | | | | | | |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | | | | | | 30% | 55% | | | | |
| Trip Distribution OUT | | | | | | 20% | | | | | 65% | |
| Truck Trips | 0 | 0 | 0 | 0 | 0 | 6 | 15 | 27 | 0 | 0 | 20 | 0 |
| | | | | | | | | | | | | |
| Trip Distribution IN | | | | | | | 60% | 10% | | | | <u> </u> |
| Trip Distribution OUT | | | | | | 60% | | | | | 10% | L |
| Car Trips | 0 | 0 | 0 | 0 | 0 | 19 | 68 | 11 | 0 | 0 | 3 | 0 |
| | | | | | | | | | | | | |
| Total Project Trips | 0 | 0 | 0 | 0 | 0 | 25 | 83 | 38 | 0 | 0 | 23 | 0 |
| | | <u> </u> | | | | | | | | | | <u> </u> |
| 2020 Buildout Total | 491 | 46 | 24 | 46 | 41 | 377 | 249 | 810 | 176 | 16 | 1,071 | 2 |
| 2020 Build Heavy Vehicle % | 2% | 4% | 4% | 9% | 2% | 6% | 12% | 11% | 5% | 2% | 6% | 2% |

| | | Γanger Blv | | | rket Place | | | Gardner I | - | | Gardner P | |
|---|-------|------------|-------|-------|------------|-------|-------|-----------|-------|-------|-----------|-------|
| | _ | Northbour | | - | Southboun | | | Eastboun | | | Westboun | |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 386 | 142 | 101 | 145 | 158 | 249 | 223 | 903 | 584 | 85 | 521 | 30 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 3 | 1 | 2 | 0 | 0 | 6 | 8 | 27 | 6 | 1 | 19 | 0 |
| Heavy Vehicle % | 2% | 2% | 2% | 2% | 2% | 2% | 4% | 3% | 2% | 2% | 4% | 2% |
| Peak Hour Factor | | 0.97 | | | 0.97 | | | 0.97 | | | 0.97 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 386 | 142 | 101 | 145 | 158 | 249 | 223 | 903 | 584 | 85 | 521 | 30 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | 31 | | | 14 | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 0 | 0 | 0 | 0 | 36 | 2 | 20 | 0 | 0 | 28 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 0 | 0 | 0 | 0 | 83 | 4 | 48 | 0 | 0 | 65 | 0 |
| 2020 Background Traffic | 394 | 145 | 103 | 148 | 161 | 373 | 233 | 1,020 | 596 | 87 | 638 | 31 |
| 2020 No-Build Heavy Vehicle % | 2% | 2% | 2% | 2% | 2% | 11% | 4% | 5% | 2% | 2% | 7% | 2% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | | | | | | 30% | 55% | | | | |
| Trip Distribution OUT | | | | | | 20% | | | | | 65% | |
| Truck Trips | 0 | 0 | 0 | 0 | 0 | 11 | 16 | 29 | 0 | 0 | 36 | 0 |
| Trip Distribution IN | | | | | | | 60% | 10% | | | | |
| Trip Distribution OUT | | | | | | 60% | | | | | 10% | |
| Car Trips | 0 | 0 | 0 | 0 | 0 | 182 | 109 | 18 | 0 | 0 | 30 | 0 |
| Total Project Trips | 0 | 0 | 0 | 0 | 0 | 193 | 125 | 47 | 0 | 0 | 66 | 0 |
| 2020 Buildout Total | 394 | 145 | 103 | 148 | 161 | 566 | 358 | 1,067 | 596 | 87 | 704 | 31 |
| 2020 Build Heavy Vehicle % | 2% | 2% | 2% | 2% | 2% | 9% | 7% | 7% | 2% | 2% | 12% | 2% |

Intersection #7: Bill Gardner Pkwy @ I-75 NB AM PEAK HOUR

| | | I-75 NB | | | | | Bill | Gardner F | kwy | Bill | Gardner P | kwy |
|---|----------------|-----------|----------|-------|-----------|----------|-------|-----------|-------|-------|-----------|----------|
| | 1 | Northboun | <u>d</u> | 5 | Southboun | <u>d</u> | | Eastbound | 1 | , | Westboun | <u>d</u> |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | <u> </u> |
| Observed 2019 Traffic Volumes | 95 | 0 | 191 | 0 | 0 | 0 | 209 | 871 | 0 | 0 | 775 | 1,061 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 3 | 0 | - 11 | 0 | 0 | 0 | 4 | 39 | 0 | 0 | 24 | 36 |
| Heavy Vehicle % | 3% | 0% | 6% | 0% | 0% | 0% | 2% | 4% | 0% | 0% | 3% | 3% |
| Peak Hour Factor | | 0.93 | | | 0.93 | | | 0.93 | | | 0.93 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 95 | 0 | 191 | 0 | 0 | 0 | 209 | 871 | 0 | 0 | 775 | 1061 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | 8 | | | | | | 5 | 1 | | | 1 | |
| Locust Grove Clayco DRI #2584 (Car Trips) | 12 | | | | | | 12 | 4 | | | 9 | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | 28 | | | | | | 16 | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | 71 | | | | | | 32 | 16 | | | 36 | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 6 | 8 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 0 | 47 | 0 | 0 | 0 | 0 | 101 | 0 | 0 | 18 | 25 |
| 2020 Background Traffic | 216 | 0 | 256 | 0 | 0 | 0 | 278 | 1,040 | 0 | 0 | 861 | 1,115 |
| 2020 No-Build Heavy Vehicle % | 18% | 0% | 10% | 0% | 0% | 0% | 9% | 7% | 0% | 0% | 4% | 4% |
| | | | | | | | | | | | | |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | | 35% | | | | | 50% | | | | |
| Trip Distribution OUT | | | | | | | | | | | 35% | 50% |
| Truck Trips | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 11 | 15 |
| Trip Distribution IN | | | 20% | | | | | 50% | | | | |
| Trip Distribution OUT | - | | 2070 | | | | | 5070 | | | 30% | 40% |
| Car Trips | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 9 | 13 |
| Cai Trips | U | U | 43 | U | U | U | U | 31 | U | U | 7 | 13 |
| Total Project Trips | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 81 | 0 | 0 | 20 | 28 |
| 2020 Buildout Total | 216 | 0 | 296 | 0 | 0 | 0 | 278 | 1,121 | 0 | 0 | 881 | 1,143 |
| 2020 Build Heavy Vehicle % | 18% | 0% | 14% | 0% | 0% | 0% | 9% | 8% | 0% | 0% | 5% | 5% |

| | | I-75 NB | | | | | | Gardner I | - | | Gardner F | |
|---|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|
| | 1 | Northbour | | 5 | Southboun | | | Eastboun | | | Westboun | |
| Description | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 112 | 2 | 383 | 0 | 0 | 0 | 70 | 1,443 | 0 | 0 | 694 | 543 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 4 | 1 | 12 | 0 | 0 | 0 | 1 | 28 | 0 | 0 | 10 | 24 |
| Heavy Vehicle % | 4% | 50% | 3% | 0% | 0% | 0% | 2% | 2% | 0% | 0% | 2% | 4% |
| Peak Hour Factor | | 0.96 | | | 0.96 | | | 0.96 | | | 0.96 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 112 | 2 | 383 | 0 | 0 | 0 | 70 | 1443 | 0 | 0 | 694 | 543 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | 4 | | | | | | 11 | 1 | | | 1 | |
| Locust Grove Clayco DRI #2584 (Car Trips) | 6 | | | | | | 30 | 10 | | | 4 | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | 17 | | | | | | 47 | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | 28 | | | | | | 62 | 31 | | | 14 | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 31 | 32 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 73 | 76 |
| 2020 Background Traffic | 169 | 2 | 414 | 0 | 0 | 0 | 221 | 1,565 | 0 | 0 | 831 | 662 |
| 2020 No-Build Heavy Vehicle % | 15% | 51% | 5% | 0% | 0% | 0% | 27% | 3% | 0% | 0% | 6% | 9% |
| Project Trips (Future Development Only) | + | | | | | | | | | | | |
| Trip Distribution IN | | | 35% | | | | | 50% | | | | |
| Trip Distribution OUT | | | | | | | | | | | 35% | 50% |
| Truck Trips | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 19 | 28 |
| Trip Distribution IN | + | | 20% | | | | | 50% | | | | |
| Trip Distribution OUT | 1 | | | | | | | 2370 | | | 30% | 40% |
| Car Trips | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 91 | 0 | 0 | 91 | 121 |
| Total Project Trips | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 118 | 0 | 0 | 110 | 149 |
| 2020 Buildout Total | 169 | 2 | 469 | 0 | 0 | 0 | 221 | 1,683 | 0 | 0 | 941 | 811 |
| 2020 Build Heavy Vehicle % | 15% | 51% | 8% | 0% | 0% | 0% | 27% | 4% | 0% | 0% | 7% | 10% |

Intersection #8: Bill Gardner Pkwy @ I-75 SB AM PEAK HOUR

| | | | | | I-75 SB | | Bil | I Gardner F | Pkwy | Bill | Gardner P | kwy |
|---|-------|-----------|----------|-------|-----------|----------|-------|-------------|----------|-------|-----------|-------------|
| | 1 | Northboun | <u>d</u> | 5 | Southboun | <u>d</u> | | Eastbound | <u>d</u> | | Westboun | <u>d</u> |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| Observed 2019 Traffic Volumes | 0 | 0 | 0 | 457 | 2 | 129 | 0 | 635 | 99 | 279 | 606 | 0 |
| Pedestrians | 0 | U | U | 437 | - 2 | 129 | U | 033 | 77 | 219 | 000 | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | I | 0 | 0 | | 0 |
| Heavy Vehicles | 0 | 0 | 0 | 32 | 0 | 3 | 0 | 11 | 0 | 12 | 15 | 0 |
| Heavy Vehicle % | 0% | 0% | 0% | 7% | 2% | 2% | 0% | 2% | 2% | 4% | 2% | 0% |
| Peak Hour Factor | 070 | 0.88 | 070 | 7 70 | 0.88 | 270 | 070 | 0.88 | 270 | 770 | 0.88 | 070 |
| Adjustment | | | | | | | | | | | | i |
| Adjusted 2019 Volumes | 0 | 0 | 0 | 457 | 2 | 129 | 0 | 635 | 99 | 279 | 606 | 0 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | 10 | | 5 | 4 | | 9 | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | 27 | | 16 | 5 | | 21 | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | 35 | | 16 | 12 | | 28 | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | 71 | | 48 | 32 | | 107 | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 5 | 0 | 4 | 1 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 15 | 0 | 14 | 5 | 0 |
| 2020 Background Traffic | 0 | 0 | 0 | 577 | 2 | 275 | 0 | 753 | 154 | 303 | 789 | 0 |
| 2020 No-Build Heavy Vehicle % | 0% | 0% | 0% | 10% | 2% | 17% | 0% | 5% | 12% | 5% | 7% | 0% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | | | 50% | | | | | | | | |
| Trip Distribution OUT | | | | | | | | | | 35% | | |
| Truck Trips | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 |
| Trip Distribution IN | | | | 40% | | | | 10% | | | | |
| Trip Distribution OUT | | | | | | | | | | 20% | 10% | · · · · · · |
| Car Trips | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 11 | 0 | 6 | 3 | 0 |
| | | | | | | | | | | | | |
| Total Project Trips | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 11 | 0 | 17 | 3 | 0 |
| 2020 Buildout Total | 0 | 0 | 0 | 647 | 2 | 275 | 0 | 764 | 154 | 320 | 792 | 0 |
| 2020 Build Heavy Vehicle % | 0% | 0% | 0% | 13% | 2% | 17% | 0% | 5% | 12% | 9% | 7% | 0% |

| | | | | | I-75 SB | | | Gardner I | - | | Gardner F | |
|---|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|
| | 1 | Northbour | | 5 | Southboun | | | Eastboun | | 2 | Westboun | |
| Description | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 0 | 0 | 0 | 912 | 1 | 177 | 0 | 583 | 138 | 281 | 508 | 0 |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | 0 | 0 | 0 | 24 | 0 | 4 | 0 | 5 | 3 | 5 | 11 | 0 |
| Heavy Vehicle % | 0% | 0% | 0% | 3% | 2% | 2% | 0% | 2% | 2% | 2% | 2% | 0% |
| Peak Hour Factor | | 0.98 | | | 0.98 | | | 0.98 | | | 0.98 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 0 | 0 | 0 | 912 | 1 | 177 | 0 | 583 | 138 | 281 | 508 | 0 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | 5 | | 12 | 9 | | 5 | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | 13 | | 40 | 13 | | 10 | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | 21 | | 47 | 37 | | 17 | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | 28 | | 93 | 62 | | 41 | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 2 | 0 | 26 | 5 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 4 | 0 | 61 | 12 | 0 |
| 2020 Background Traffic | 0 | 0 | 0 | 975 | 1 | 248 | 0 | 793 | 262 | 374 | 608 | 0 |
| 2020 No-Build Heavy Vehicle % | 0% | 0% | 0% | 4% | 2% | 12% | 0% | 9% | 19% | 8% | 6% | 0% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | | | 50% | | | | | | | | |
| Trip Distribution OUT | | | | | | | | | | 35% | | |
| Truck Trips | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 |
| Trip Distribution IN | | | | 40% | | | | 10% | | | | |
| Trip Distribution OUT | | | | | | | | | | 20% | 10% | |
| Car Trips | 0 | 0 | 0 | 72 | 0 | 0 | 0 | 18 | 0 | 61 | 30 | 0 |
| Total Project Trips | 0 | 0 | 0 | 99 | 0 | 0 | 0 | 18 | 0 | 80 | 30 | 0 |
| 2020 Buildout Total | 0 | 0 | 0 | 1,074 | 1 | 248 | 0 | 811 | 262 | 454 | 638 | 0 |
| 2020 Build Heavy Vehicle % | 0% | 0% | 0% | 6% | 2% | 12% | 0% | 9% | 19% | 11% | 6% | 0% |

Intersection #9: SR 42 @ Site Driveway C AM PEAK HOUR

| | SR 42 | | | | SR 42 | | | te Drivewa | - | | | |
|---|-------|-----------|----------|-------|-----------|-----------|-------|------------|----------|-------|----------|-------|
| | 1 | Northboun | <u>d</u> | 5 | Southboun | <u>ıd</u> | | Eastbound | <u>1</u> | | Westboun | |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | | 620 | | | 566 | | | | | | | |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | | 33 | | | 37 | | | | | | | |
| Heavy Vehicle % | 0% | 5% | 0% | 0% | 7% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Peak Hour Factor | | 0.82 | | | 0.82 | | | 0.82 | | | 0.82 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 0 | 620 | 0 | 0 | 566 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | Ī |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | Ī |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | Ī |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 13 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 43 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 Background Traffic | 0 | 688 | 0 | 0 | 624 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 No-Build Heavy Vehicle % | 0% | 7% | 0% | 0% | 8% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| | | | | | | | | | | | | |
| Project Trips (Future Development Only) | | | | | | | | | | | | Ī |
| Trip Distribution IN | 5% | | | | 5% | 5% | | | | | | |
| Trip Distribution OUT | | 5% | | | | | 5% | | 5% | | | Ī |
| Truck Trips | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 0 | 2 | 0 | 0 | 0 |
| | | | | | | | | | | | | I |
| Trip Distribution IN | 5% | | | | 15% | 5% | | | | | | |
| Trip Distribution OUT | | 15% | | | | | 5% | | 5% | | | |
| Car Trips | 6 | 5 | 0 | 0 | 17 | 6 | 2 | 0 | 2 | 0 | 0 | 0 |
| | | | | | | | | | | | | |
| Total Project Trips | 8 | 7 | 0 | 0 | 19 | 8 | 4 | 0 | 4 | 0 | 0 | 0 |
| | | | | | | | | | | | | |
| 2020 Buildout Total | 8 | 695 | 0 | 0 | 643 | 8 | 4 | 0 | 4 | 0 | 0 | 0 |
| 2020 Build Heavy Vehicle % | 25% | 7% | 0% | 0% | 8% | 25% | 50% | 0% | 50% | 0% | 0% | 0% |

| | 1 | SR 42 Northboun | d | 5 | SR 42 Southboun | d | | e Drivewa Eastbound | | Westbound | | |
|---|-------|--------------------|-------|-------|--------------------|-------|-------|------------------------|-------|-----------|---------|-------|
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| Observed 2019 Traffic Volumes | | 699 | | | 855 | | | | | | | |
| Pedestrians | _ | 099 | | | 833 | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | 1 | 0 |
| C | U | 19 | 0 | U | 14 | U | U | | 0 | U | | - 0 |
| Heavy Vehicles Heavy Vehicle % | 0% | 3% | 0% | 0% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Peak Hour Factor | 0% | 0.98 | 0% | 0% | 0.98 | 0% | 0% | 0.98 | 0% | 0% | 0,98 | 0% |
| | _ | 0.98 | | | 0.98 | | | 0.98 | | | 0.98 | |
| Adjustment | | | | | 0.55 | | | | | _ | | |
| Adjusted 2019 Volumes | 0 | 699 | 0 | 0 | 855 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 6 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 14 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 Background Traffic | 0 | 733 | 0 | 0 | 926 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 No-Build Heavy Vehicle % | 0% | 3% | 0% | 0% | 4% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | 5% | | | | 5% | 5% | | | | | | |
| Trip Distribution OUT | | 5% | | | | | 5% | | 5% | | | |
| Truck Trips | 3 | 3 | 0 | 0 | 3 | 3 | 3 | 0 | 3 | 0 | 0 | 0 |
| Trip Distribution IN | 5% | | | | 15% | 5% | | | | | | |
| Trip Distribution OUT | 370 | 15% | | | 1370 | 270 | 5% | | 5% | | | |
| Car Trips | 9 | 45 | 0 | 0 | 27 | 9 | 15 | 0 | 15 | 0 | 0 | 0 |
| | | | | | | | | | | | | |
| Total Project Trips | 12 | 48 | 0 | 0 | 30 | 12 | 18 | 0 | 18 | 0 | 0 | 0 |
| 2020 Buildout Total | 12 | 781 | 0 | 0 | 956 | 12 | 18 | 0 | 18 | 0 | 0 | 0 |
| 2020 Build Heavy Vehicle % | 25% | 4% | 0% | 0% | 4% | 25% | 17% | 0% | 17% | 0% | 0% | 0% |

Intersection #10: Market Place Blvd @ Private Dr / Site Driveway D AM PEAK HOUR

| | | Private Dr | | Site Driveway D Southbound | | | rket Place | | Market Place Blvd | | | |
|---|-------|------------|-------|-----------------------------|---------|-------|------------|-----------|-------------------|-------|----------|-------|
| | _ | Northboun | | _ | | | | Eastbound | | | Westboun | |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 3 | | 0 | | | | | 116 | | | 353 | |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | | | | | | | | 6 | | | 8 | |
| Heavy Vehicle % | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 34% | 0% | 0% | 2% | 0% |
| Peak Hour Factor | | 0.85 | | | 0.85 | | | 0.85 | | | 0.85 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 116 | 0 | 0 | 353 | 0 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 9 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 31 | 0 |
| 2020 Background Traffic | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 164 | 0 | 0 | 400 | 0 |
| 2020 No-Build Heavy Vehicle % | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 31% | 0% | 0% | 4% | 0% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | | | | | | 20% | 10% | | | | |
| Trip Distribution OUT | | | | | | 20% | | | | | | |
| Truck Trips | 0 | 0 | 0 | 0 | 0 | 6 | 10 | 5 | 0 | 0 | 0 | 0 |
| Trip Distribution IN | | | | | | | 55% | 5% | | | | 5% |
| Trip Distribution OUT | | | | 5% | | 55% | | | | | 5% | |
| Car Trips | 0 | 0 | 0 | 2 | 0 | 17 | 63 | 6 | 0 | 0 | 2 | 6 |
| Total Project Trips | 0 | 0 | 0 | 2 | 0 | 23 | 73 | 11 | 0 | 0 | 2 | 6 |
| · 1 | | | | | | | | | | | | |
| 2020 Buildout Total | 3 | 0 | 0 | 2 | 0 | 23 | 73 | 175 | 0 | 0 | 402 | 6 |
| 2020 Build Heavy Vehicle % | 2% | 0% | 0% | 2% | 0% | 26% | 14% | 32% | 0% | 0% | 4% | 2% |

| | | Private Dr | | | | | ket Place | | | ket Place l | | |
|---|-------|------------|-------|-------|---------|-------|-----------|----------|-------|-------------|----------|-------|
| | 1 | Northbour | | - | | | | Eastboun | | | Westboun | |
| Description | Left | Through | Right | Left | Through | Right | Left | Through | Right | Left | Through | Right |
| | | | | | | | | | | | | |
| Observed 2019 Traffic Volumes | 3 | | 0 | | | | | 236 | 4 | | 375 | |
| Pedestrians | | | | | | | | | | | | |
| Conflicting Pedestrians | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Heavy Vehicles | | | | | 0 | | | 5 | | | | |
| Heavy Vehicle % | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 2% | 2% | 0% | 2% | 0% |
| Peak Hour Factor | | 0.99 | | | 0.99 | | | 0.99 | | | 0.99 | |
| Adjustment | | | | | | | | | | | | |
| Adjusted 2019 Volumes | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 236 | 4 | 0 | 375 | 0 |
| Annual Growth Rate | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Growth Factor | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 | 1.020 |
| Locust Grove Clayco DRI #2584 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Clayco DRI #2584 (Car Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Truck Trips) | | | | | | | | | | | | |
| Locust Grove Phase II DRI #2699 (Car Trips) | | | | | | | | | | | | |
| 75 South Logistics Center DRI #2867 (Truck Trips) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 36 | 0 |
| 75 South Logistics Center DRI #2867 (Car Trips) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 83 | 0 |
| 2020 Background Traffic | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 247 | 4 | 0 | 502 | 0 |
| 2020 No-Build Heavy Vehicle % | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 3% | 2% | 0% | 9% | 0% |
| Project Trips (Future Development Only) | | | | | | | | | | | | |
| Trip Distribution IN | | | | | | | 20% | 10% | | | | |
| Trip Distribution OUT | | | | | | 20% | | | | | | |
| Truck Trips | 0 | 0 | 0 | 0 | 0 | 11 | 11 | 5 | 0 | 0 | 0 | 0 |
| Trip Distribution IN | | | | | | | 55% | 5% | | | | 5% |
| Trip Distribution OUT | _ | | | 5% | | 55% | 2370 | 270 | | | 5% | 270 |
| Car Trips | 0 | 0 | 0 | 15 | 0 | 167 | 100 | 9 | 0 | 0 | 15 | 9 |
| Total Project Trips | 0 | 0 | 0 | 15 | 0 | 178 | 111 | 14 | 0 | 0 | 15 | 9 |
| 2020 Buildout Total | 3 | 0 | 0 | 15 | 0 | 178 | 111 | 261 | 4 | 0 | 517 | 9 |
| 2020 Build Heavy Vehicle % | 2% | 0% | 0% | 2% | 0% | 6% | 10% | 5% | 2% | 0% | 8% | 2% |

Appendix F Programmed Project Fact Sheets

AR-318

Atlanta Region's Plan RTP (2016) PROJECT FACT SHEET

| Short Title | I-75 COMMERCIAL VEHICLE LANES (NORTHBOUND DIRECTION ONLY) FROM I-475 TO SR 155 | Hampton 35 Locust Grove 155 Griffin 160 |
|------------------------|---|---|
| GDOT Project No. | 0014203 | |
| Federal ID No. | N/A | 83 |
| Status | Programmed | |
| Service Type | Roadway / Managed Lanes | Barnesville |
| Sponsor | GDOT | syth |
| Jurisdiction | Henry County,Spalding County | 0.3 Miles |
| Analysis Level | In the Region's Air Quality Conformity Analysis | |
| Existing Thru Lane | 0 LCI | Network Year 2030 |
| Planned Thru Lane | 2 Flex | Corridor Length 38.6 miles |
| Detailed Description a | and Justification | |

This project is part of the Governor's Major Mobility Investment Program. It proposes to add two new barrier-separated lanes to I-75 in the northbound direction, designated for commercial vehicles only. Tolling is not anticipated and the exact northern terminus will be determined during project development. I-75 between Atlanta and Macon serves as an important freight and motorist corridor that supports critical coastal port truck traffic and travelers from southern Georgia and Florida. As the percentage of truck traffic continues to grow, the increase in truck volume can and will accentuate operational differences, leading to less efficient traffic streams and increased delays. For example, compared to cars, trucks cannot accelerate as quickly on long grades. Providing a dedicated system of lanes separated from existing general purpose lanes is expected to enhance mobility both traffic streams.

| Phas | se Status & Funding | Status | FISCAL | TOTAL PHASE | BREAKDOWN | OF TOTAL PHAS | E COST BY FUI | NDING SOURCE |
|------|--|--------|------------------|-------------|------------------------|----------------------|--------------------|--------------------|
| Info | rmation | | YEAR | COST | FEDERAL | STATE | BONDS | LOCAL/PRIVATE |
| PE | Transportation Funding Act (HB 170) | AUTH | 2017 | \$977,865 | \$0,000 | \$977,865 | \$0,000 | \$0,000 |
| PE | National Highway Performance Program (NHPP) | AUTH | 2018 | \$924,000 | \$739,200 | \$184,800 | \$0,000 | \$0,000 |
| PE | National Highway System | AUTH | 2018 | \$87,503 | \$70,002 | \$17,501 | \$0,000 | \$0,000 |
| PE | Repurposed Earmark | AUTH | 2018 | \$1,056,249 | \$844,999 | \$211,250 | \$0,000 | \$0,000 |
| PE | National Highway Performance Program (NHPP) | AUTH | 2019 | \$1,430,000 | \$1,144,000 | \$286,000 | \$0,000 | \$0,000 |
| PE | National Highway Performance Program (NHPP) | | 2020 | \$1,694,000 | \$1,355,200 | \$338,800 | \$0,000 | \$0,000 |
| PE | National Highway Performance Program (NHPP) | | 2021 | \$2,068,000 | \$1,654,400 | \$413,600 | \$0,000 | \$0,000 |
| PE | National Highway Performance Program (NHPP) | | 2022 | \$2,178,000 | \$1,742,400 | \$435,600 | \$0,000 | \$0,000 |
| PE | National Highway Performance Program (NHPP) | | 2023 | \$550,000 | \$440,000 | \$110,000 | \$0,000 | \$0,000 |
| PE | General Federal Aid 2024-2040 | | LR 2024- 2030 | \$352,000 | \$281,600 | \$70,400 | \$0,000 | \$0,000 |



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| ROW | National Highway Performance Program (NHPP) | 2019 | \$1,056,247 | \$844,998 | \$211,249 | \$0,000 | \$0,000 |
|-----|--|------------------|-----------------|-----------------|---------------|---------|---------|
| ROW | National Highway Performance Program (NHPP) | 2023 | \$5,082,000 | \$4,065,600 | \$1,016,400 | \$0,000 | \$0,000 |
| ROW | General Federal Aid 2024-2040 | LR 2024- 2030 | \$5,324,000 | \$4,259,200 | \$1,064,800 | \$0,000 | \$0,000 |
| CST | General Federal Aid 2024-2040 | LR 2024- 2030 | \$60,830,000 | \$48,664,000 | \$12,166,000 | \$0,000 | \$0,000 |
| CST | General Federal Aid 2024-2040 | LR 2031- 2040 | \$304,700,000 | \$243,760,000 | \$60,940,000 | \$0,000 | \$0,000 |
| CST | General Federal Aid 2041+ | LR 2041+ | \$943,800,000 | \$755,040,000 | \$188,760,000 | \$0,000 | \$0,000 |
| | | | \$1,332,109,864 | \$1,064,905,599 | \$267,204,265 | \$0,000 | \$0,000 |

SCP: Scoping PE: Preliminary engineering / engineering / design / planning PE-OV: GDOT oversight services for engineering ROW: Right-of-way Acquistion UTL: Utility relocation CST: Construction / Implementation ALL: Total estimated cost, inclusive of all phases

| R-955 | Atlanta Region's Plan RTP (2016) PROJECT FACT SHEET | | | | | | |
|-------------------------------|---|---------------------------|--|--|--|--|--|
| Short Title | I-75 SOUTH - NEW INTERCHANGE AT BETHLEHEM ROAD | Academic Physis | | | | | |
| GDOT Project No. | TBD | itel 25 | | | | | |
| Federal ID No. | N/A | | | | | | |
| Status | Long Range | | | | | | |
| Service Type | Roadway / Interchange Capacity | Bethlehem Rd | | | | | |
| Sponsor | Henry County | A TO | | | | | |
| Jurisdiction | Henry County | 0 250 500 Feet | | | | | |
| Analysis Level | In the Region's Air Quality Conformity Analysis | | | | | | |
| Existing Thru Lane | N/A LCI | Network Year 2040 | | | | | |
| Planned Thru Lane | N/A Flex | Corridor Length N/A miles | | | | | |
| Detailed Description a | and Justification | | | | | | |

| <u> </u> | | | | | | | | | |
|-------------|-------------------------------|--------------|------------------|--------------|---|-------------|---------------|---------|--|
| Pha | se Status & Funding | Status | FISCAL | TOTAL PHASE | BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE | | | | |
| Information | | YEAR | COST | FEDERAL | STATE | BONDS | LOCAL/PRIVATE | | |
| ALL | General Federal Aid 2024-2040 | | LR 2031- 2040 | \$25,000,000 | \$20,000,000 | \$5,000,000 | \$0,000 | \$0,000 | |
| | | \$25,000,000 | \$20,000,000 | \$5,000,000 | \$0,000 | \$0,000 | | | |

SCP: Scoping PE: Preliminary engineering / engineering / design / planning PE-OV: GDOT oversight services for engineering ROW: Right-of-way Acquistion UTL: Utility relocation CST: Construction / Implementation ALL: Total estimated cost, inclusive of all phases

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| Short Title BILL GARDNER PARKWAY WIDENING AT SR 155 TO LESTER MILL ROAD (4 LANES) AND FROM LESTER MILL ROAD TO I-75 SOUTH (6 LANES) GDOT Project No. Federal ID No. Status Long Range Service Type Roadway / General Purpose Capacity Henry County Henry County Henry County | IE-126B | Atlanta Region's Plan RTP (2 | 016) PROJECT FACT SHEET |
|--|------------------------------|--|--|
| Federal ID No. N/A Long Range Service Type Roadway / General Purpose Capacity Henry County | Short Title | LESTER MILL ROAD (4 LANES) AND FROM LESTER MILL | 104 |
| Status Long Range Service Type Roadway / General Purpose Capacity Henry County | GDOT Project No. | 0000562 | |
| Status Long Range Service Type Roadway / General Purpose Capacity Henry County | Federal ID No. | N/A | |
| Sponsor Henry County | Status | Long Range | as built R |
| " Blan | Service Type | Roadway / General Purpose Capacity | Legis Control of the |
| Jurisdiction Henry County | Sponsor | Henry County | The state of the s |
| | Jurisdiction | Henry County | 0 0.5 1 Miles |
| Analysis Level In the Region's Air Quality Conformity Analysis | Analysis Level | In the Region's Air Quality Conformity Analysis | |
| Existing Thru Lane 2 LCI Network Year 2030 | Existing Thru Lane | | Network Year 2030 |
| Planned Thru Lane 4/6 Flex Corridor Length 3.4 miles | Planned Thru Lane | 4/6 Flex | Corridor Length 3.4 miles |
| Detailed Description and Justification | Detailed Description a | and Justification | |
| Widening of the section from SR 155 to Lester Mill Road from 2 to 4 lanes and the section from Lester Mill Road to I-75 South from 2 to 6 lan | Widening of the section from | m SR 155 to Lester Mill Road from 2 to 4 lanes and the section | on from Lester Mill Road to I-75 South from 2 to 6 lanes. |

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| Phase Status & Funding Status | | FISCAL | TOTAL PHASE | AL PHASE BREAKDOWN OF TOTAL PHASE COST BY FUNDING | | | | |
|-------------------------------|-------------------------------|--------|------------------|---|--------------|---------|-------------|---------------|
| Information | | | YEAR | COST | FEDERAL | STATE | BONDS | LOCAL/PRIVATE |
| ALL | General Federal Aid 2024-2040 | | LR 2024- 2030 | \$18,000,000 | \$14,400,000 | \$0,000 | \$0,000 | \$3,600,000 |
| | | | \$18,000,000 | \$14,400,000 | \$0,000 | \$0,000 | \$3,600,000 | |

SCP: Scoping PE: Preliminary engineering / engineering / design / planning PE-OV: GDOT oversight services for engineering ROW: Right-of-way Acquistion UTL: Utility relocation CST: Construction / Implementation ALL: Total estimated cost, inclusive of all phases

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HE-201 Atlanta Region's Plan RTP (2016) PROJECT FACT SHEET **Short Title** SR 42 BRIDGE REPLACEMENT AT NORFOLK SOUTHERN LINE 5 MILES SOUTH OF MCDONOUGH **GDOT Project No.** 0013995 Federal ID No. N/A Programmed **Status** Roadway / Bridge Upgrade **Service Type GDOT Sponsor Jurisdiction** Henry County 0.5 Miles **Analysis Level** Exempt from Air Quality Analysis (40 CFR 93) 2 **Existing Thru Lane** LCI TBD **Network Year Flex** 2 **Planned Thru Lane Corridor Length** 0.4 miles **Detailed Description and Justification** This project will replace the bridge at SR 42 at the Norfolk Southern rail line 5 miles south of McDonough.

| Phase Status & Funding Status | | | FISCAL | L TOTAL PHASE BREAKDOWN OF TOTAL PHASE COST BY FUNDING SO | | | | | |
|-------------------------------|--|------|--------|---|----------------------|----------------------|--------------------|--------------------|--|
| Information | | | YEAR | YEAR COST FEDERAL STATE BON | | BONDS | LOCAL/PRIVATE | | |
| PE | Surface Transportation Block Grant (STBG) Program Flex (GDOT) | AUTH | 2017 | \$500,000 | \$400,000 | \$100,000 | \$0,000 | \$0,000 | |
| ROW | Surface Transportation Block Grant (STBG) Program Flex (GDOT) | | 2020 | \$250,000 | \$200,000 | \$50,000 | \$0,000 | \$0,000 | |
| CST | Surface Transportation Block Grant (STBG) Program Flex (GDOT) | | 2021 | \$4,613,071 | \$3,690,457 | \$922,614 | \$0,000 | \$0,000 | |
| | | | | \$5,363,071 | \$4,290,457 | \$1,072,614 | \$0,000 | \$0,000 | |

SCP: Scoping PE: Preliminary engineering / engineering / design / planning PE-OV: GDOT oversight services for engineering ROW: Right-of-way Acquistion UTL: Utility relocation CST: Construction / Implementation ALL: Total estimated cost, inclusive of all phases

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Atlanta Region's Plan RTP (2016) PROJECT FACT SHEET

| Short Title | SR 42 / US 23 WIDENING FROM BILL GARD PARKWAY TO PEEKSVILLE ROAD | NER | Carquet Orace Lake Rd | Wanth-Heb |
|------------------------|---|----------|-----------------------|--------------|
| GDOT Project No. | 0015823 | | Ingles Markets | CIMB Dr |
| Federal ID No. | N/A | | ag. Freedo | |
| Status | Programmed | | The Mark | |
| Service Type | Roadway / General Purpose Capacity | | Justice D. Q Carter L | Arnold St. |
| Sponsor | GDOT | | A S Smith | th st d s |
| Jurisdiction | Henry County | | 0 0.125 0.25 Miles | Locust Grove |
| Analysis Level | In the Region's Air Quality Conformity Analys | sis | 281 | |
| Existing Thru Lane | 2 LCI | | Network Year | 2030 |
| Planned Thru Lane | 3 Flex | (| Corridor Length | 0.4 miles |
| Detailed Description a | nd Justification | | _ | |
| | | | | |

| Phase Status & Funding Status | | | FISCAL | TOTAL PHASE | BREAKDOWN OF TOTAL PHASE COST BY FUNDING SOURCE | | | | |
|-------------------------------|-------------------------------------|------|-------------------|-------------|---|----------------------|--------------------|--------------------|--|
| Information | | YEAR | YEAR COST FEDERAL | | STATE | BONDS | LOCAL/PRIVATE | | |
| PE | Transportation Funding Act (HB 170) | AUTH | 2018 | \$200,000 | \$0,000 | \$200,000 | \$0,000 | \$0,000 | |
| UTL | Transportation Funding Act (HB 170) | | 2022 | \$250,000 | \$0,000 | \$250,000 | \$0,000 | \$0,000 | |
| CST | Transportation Funding Act (HB 170) | | 2022 | \$1,200,000 | \$0,000 | \$1,200,000 | \$0,000 | \$0,000 | |
| | | | | \$1,650,000 | \$0,000 | \$1,650,000 | \$0,000 | \$0,000 | |

SCP: Scoping PE: Preliminary engineering / engineering / design / planning PE-OV: GDOT oversight services for engineering ROW: Right-of-way Acquistion UTL: Utility relocation CST: Construction / Implementation ALL: Total estimated cost, inclusive of all phases

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