

# **REGIONAL REVIEW FINDING**

Atlanta Regional Commission • 229 Peachtree Street NE | Suite 100 | Atlanta, Georgia 30303 • ph: 404.463.3100 fax: 404.463.3205 • atlantaregional.org

DATE: February 26, 2023

**TO:** Mayor David Still, City of Lawrenceville

ATTN TO: Helen Balch, Deputy Director, Planning and Development, City of Lawrenceville

FROM: Mike Alexander, Director, ARC Center for Livable Communities

**RE:** Development of Regional Impact (DRI) Review

ARC has completed a regional review of the below DRI. ARC reviewed the DRI's relationship to regional plans, goals and policies – and impacts it may have on the activities, plans, goals and policies of other local jurisdictions as well as state, federal and other agencies. This final report does not address whether the DRI is or is not in the best interest of the host local government.

Name of Proposal: Northside Hospital Gwinnett Expansion DRI 3858

**Submitting Local Government**: City of Lawrenceville

<u>Date Opened</u>: February 6, 2023 <u>Date Closed:</u> February 26, 2023

<u>Description</u>: A DRI review of a proposal to expand Northside Hospital Gwinnett to add a 155,000 SF medical office building, 480 beds (16 story building with 735,596 SF), a 5 story parking deck, additional surface parking lots, and a 47,309 SF Central Energy Plant on the existing 100 acre hospital site at Duluth Highway and University Parkway in the City of Lawrenceville.

#### Comments:

#### **Key Comments**

The Atlanta Region's Plan assigns the Established Suburbs growth management designation to the project site. The project is somewhat aligned with Established Suburbs policy recommendations which note "Preservation of existing single-family neighborhoods is important" and "infill and redevelopment will occur in areas of retail/commercial concentrations, especially commercial corridors."

The expansion/redevelopment of a previously developed site with a higher-density uses is generally supportive of regional walkability, multi-modal transportation, and environmental policies.

The project is expected to generate approximately 14,492 daily new vehicular trips; several improvements to mitigate project generated vehicular traffic are identified in the TIS.

Additional attention should be given to substantially strengthening the pedestrian network within the 100–acre site to ensure easy, safe, and comfortable access to all internal destinations, the four Gwinnett County transit stops along Professional Drive, and potential pedestrian destinations along Duluth Highway.

Provision of some pocket parks, natural areas, or vegetated walking paths would be in keeping the health care planning focus on providing access to nature and greenspace as part of creating a healing environment.

#### **General Comments**

The Atlanta Region's Plan, developed by ARC in close coordination with partner local governments, is intended to broadly guide regional development in the 12-county metro region to ensure that required infrastructure and resources are in place to support continued economic development and prosperity. The Plan assigns a relevant growth management category designation to all areas in the region- Established Suburbs for this project – and provides accompanying growth policy recommendations which are detailed at the end of these comments.

#### **Transportation and Mobility Comments**

ARC's Transportation Access and Mobility Group comments are attached.

The project is projected to generate 14,492 daily new vehicular trips; a number of roadway improvements to mitigate the traffic impact are proposed.

The TIS notes that "Pedestrian facilities are currently provided throughout the study network, though sidewalk gaps do exist." Additional attention should be given to substantially strengthening the pedestrian network within the 100-acre site to ensure easy, safe, and comfortable access to all internal destinations, the four Gwinnett County transit stops along Professional Drive, and potential pedestrian destinations along Duluth Highway. The Duluth Highway project frontage should include a comfortably wide sidewalk. To this end, a clearer plan view of the existing and proposed pedestrian network would be helpful.

A total of 1,560 spaces 2,545 spaces are proposed which is 985 more than the required amount. Ideally the number of spaces would be reduced with additional effort instead focused on increasing the usage of the four adjacent Gwinnett County Transit system stops on Professional Drive as well as the noted microtransit system to be implemented by Gwinnett County. It would also be very helpful to note the location and format of the micro-transit route and stops so that pedestrian access to them can be ensured.

Care should be taken to ensure that the development, as constructed, promotes an interconnected, functional, clearly marked and comfortable pedestrian experience on all driveways, paths, entrances, and parking areas. To the maximum extent possible, new driveways and intersection corners where pedestrians will cross should be constructed with minimal curb radii to reduce speeds of turning vehicles and decrease crossing distances for pedestrians.

#### **ARC Natural Resources Group Comments**

ARC's Natural Resources Group full comments are attached.

Both the USGS coverage for the project area and the project site plan show no blue line tributaries on this property. Any unmapped streams on the property may be subject to the City Stream Buffer Protection ordinance and 25-foot Sediment and Erosion Control buffer. Any unmapped waters of the state will also be subject to the State 25-foot Sediment and Erosion Control buffer.

#### **Environmental Comments**

The project can further support The Atlanta Region's Plan in general by incorporating other aspects of regional policy, including green infrastructure and/or low-impact design, e.g., pervious pavers, rain gardens, vegetated swales, etc., in parking areas and site driveways, and as part of any improvements to site frontages.

#### Atlanta Region's Plan Growth Policy Considerations: Established Suburbs

According to the Atlanta Region's Plan, Established Suburbs are areas where suburban development has occurred and are characterized by single-family subdivisions, commercial development, and office, industrial and multi-family development. These areas represent the part of the region that has recently reached "build-out." With few remaining large parcels for additional development, these are the areas in which the region may see the least amount of land-use change outside of retail and commercial areas. While there is still room for limited infill development, these areas will begin to focus more on redevelopment over the next 30 years.

Preservation of existing single-family neighborhoods is important, and wholesale change will most likely not occur in the single-family subdivisions that make up a majority of these areas. However, infill and redevelopment will occur in areas of retail/commercial concentrations, especially commercial corridors. The proposal somewhat aligns with The Atlanta Region's Plan's recommendations for Established Suburbs given its reuse of a previously developed site to create higher density near an existing commercial corridor that can be accessed by transit, and which relieves some development pressure from nearby single-family neighborhoods. The project could better align with Established Suburbs recommendations by ensuring that the project's pedestrian network provides safe access to all internal and external destinations and transit points, reducing the number of proposed parking spaces, and providing accessible greenspace. City of Lawrenceville leadership and staff, along with the applicant team, should collaborate closely to ensure maximum sensitivity to nearby local governments, neighborhoods, land uses and natural systems.

#### THE FOLLOWING LOCAL GOVERNMENTS AND AGENCIES RECEIVED NOTICE OF THIS REVIEW:





#### **Developments of Regional Impact**

DRI Home <u>Tier Map Apply View Submissions Login</u>

### DRI #3858

## DEVELOPMENT OF REGIONAL IMPACT Initial DRI Information

This form is to be completed by the city or county government to provide basic project information that will allow the RDC to determine if the project appears to meet or exceed applicable DRI thresholds. Refer to both the Rules for the DRI Process and the DRI Tiers and Thresholds for more information.

#### **Local Government Information**

Submitting Local Government: Lawrenceville

Individual completing form: Helen Balch
Telephone: 678.407.6400

E-mail: helen.balch@lawrencevillega.org

\*Note: The local government representative completing this form is responsible for the accuracy of the information contained herein. If a project is to be located in more than one jurisdiction and, in total, the project meets or exceeds a DRI threshold, the local government in which the largest portion of the project is to be located is responsible for initiating the DRI review process.

#### **Proposed Project Information**

Name of Proposed Project: Northside Hospital Gwinnett Expansion

Location (Street Address, 1000 Medical Center Blvd, Lawrenceville, GA 30046

GPS Coordinates, or Legal Land Lot Description):

from developer/applicant?

entirely located within your

If yes, property owner: Northside Hospital
Is the proposed project (not selected) Yes No

Brief Description of Project: Northside Hospital Gwinnett is planning for an expansion of additional medical uses

at the existing campus including an additional medical office building and a new

hospital bed tower.

Email: cdickhaus@realtytrustgroup.com
iifferent
(not selected) Yes No

Development Type:			
(not selected)		Hotels	Wastewater Treatment Facilities
Office		Mixed Use Airports Attractions & Recreational Facilities	Petroleum Storage Facilities Water Supply Intakes/Reservoirs Intermodal Terminals
Commercial			
Wholesale & Distribution			
Hospitals and Health Care	Facilities	Post-Secondary Schools	Truck Stops
Housing		Waste Handling Facilities	Any other development types
Olndustrial		Quarries, Asphalt & Cement Plants	
If other development type, des	scribe:		
Project Size (# of units, floor area, etc.):	155,000	SF Medical Office Building; 480 beds	
Developer:	Realty Tr	ust Group	
Mailing Address:	1100 Joh	nson Ferry Road Suite 400	
Address 2:			
	City:Atlar	nta State: GA Zip:30342	
Telephone:	404-459-	1039	

local government's jurisdiction?	
If no, in what additional jurisdictions is the project located?	
Is the current proposal a continuation or expansion of a previous DRI?	(not selected) Yes No
If yes, provide the following	Project Name: Unavailable
information:	Project ID: 0
The initial action being requested of the local government for this project:	Sewer
Is this project a phase or part of a larger overall project?	
If yes, what percent of the overall project does this project/phase represent?	
	This project/phase: 2026 Overall project: 2026
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DRI Site Map | Contact





#### **Developments of Regional Impact**

**DRI Home** 

Tier Map

<u>Apply</u>

**View Submissions** 

<u>Login</u>

#### **DRI #3858**

## DEVELOPMENT OF REGIONAL IMPACT Additional DRI Information

This form is to be completed by the city or county government to provide information needed by the RDC for its review of the proposed DRI. Refer to both the Rules for the DRI Process and the DRI Tiers and Thresholds for more information.

#### **Local Government Information**

Submitting Local Government: Lawrenceville

Individual completing form: Helen Balch

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Telephone: 678.407.6400

Email: helen.balch@lawrencevillega.org

#### **Project Information**

Name of Proposed Project: Northside Hospital Gwinnett Expansion

DRI ID Number: 3858

Developer/Applicant: Realty Trust Group

Telephone: 404-459-1039

Email(s): cdickhaus@realtytrustgroup.com

#### **Additional Information Requested**

Has the RDC identified any additional information

required in order to proceed with the official regional review process? (If no,

al (not selected) Yes No

proceed to Economic Impacts.)

If yes, has that additional information been provided

provided (not selected) Yes No

to your RDC and, if applicable, GRTA?

If no, the official review process can not start until this additional information is provided.

#### **Economic Development**

Estimated Value at Build-

\$850 Million

Out:

Estimated annual local tax revenues (i.e., property tax, sales tax) likely to be

\$200,000- \$250,000

generated by the proposed development:

Is the regional work force sufficient to fill the demand

sufficient to fill the demander created by the proposed project? (not selected) Yes No

Will this development displace any existing uses?

(not selected) Yes No

If yes, please describe (including number of units, square feet, etc):

#### Water Supply

Name of water supply provider for this site:

Gwinnett County

What is the estimated water supply demand to be generated by the project, measured in Millions of Gallons Per Day (MGD)?	0.59 MGD
Is sufficient water supply capacity available to serve the proposed project?	(not selected) Yes No
If no, describe any plans to e	xpand the existing water supply capacity:
Is a water line extension required to serve this project?	(not selected) Yes No
If yes, how much additional	line (in miles) will be required?
	Wastewater Disposal
Name of wastewater treatment provider for this site:	Gwinnett County
What is the estimated sewage flow to be generated by the project, measured in Millions of Gallons Per Day (MGD)?	0.576 MGD
Is sufficient wastewater treatment capacity available to serve this proposed project?	(not selected) Yes No
If no, describe any plans to e	xpand existing wastewater treatment capacity:
Is a sewer line extension required to serve this project?	(not selected) Yes No
If yes, how much additional li	ne (in miles) will be required?
	Land Transportation
How much traffic volume is expected to be generated by the proposed development, in peak hour vehicle trips per day? (If only an alternative measure	14,492 daily; 1,151 AM peak; 1,476 PM peak
of volume is available, please provide.)  Has a traffic study been	
performed to determine whether or not transportation or access improvements will be needed to serve this project?	○(not selected)  Yes No
Are transportation improvements needed to serve this project?	○(not selected) Yes No
If yes, please describe below	Refer to DRI Traffic Study
	Solid Waste Disposal
How much solid waste is the project expected to generate annually (in tons)?	566 tons/year
Is sufficient landfill capacity available to serve this proposed project?	○(not selected) Yes No
If no, describe any plans to e	xpand existing landfill capacity:
Will any hazardous waste	
be generated by the development?	(not selected) Yes No
If yes, please explain:	
	Stormwater Management
What percentage of the site	88%
is projected to be impervious surface once the	50.N

proposed development has been constructed? Describe any measures proposed (such as buffers, detention or retention ponds, pervious parking areas) to mitigate the project's impacts on stormwater management: Two storm water detention ponds were constructed providing in excess of 600 ksf of storage to contain and reduce peak stormwater flows. Both the above ground and below ground detention structures contain water quality storage in the form of a micro pool to capture sediment from the site after construction completion. The site contains three underground infiltration trenches totaling approximately 35,000 cubic feet of storage for "first flush" runoff from the site. Two of the surface parking lots constructed contain pervious paving with storage for "first flush" runoff meeting local guidelines for stormwater quality. Both the infiltration trenches and pervious paving system permanently retain stormwater runoff for infiltration into the ground. **Environmental Quality** Is the development located within, or likely to affect any of the following: 1. Water supply (not selected) Yes No watersheds? 2. Significant groundwater (not selected) Yes No recharge areas? 3. Wetlands? (not selected) Yes No 4. Protected mountains? (not selected) Yes No 5. Protected river corridors? (not selected) Yes No 6. Floodplains? (not selected) Yes No 7. Historic resources? (not selected) Yes No 8. Other environmentally (not selected) Yes No sensitive resources? If you answered yes to any question above, describe how the identified resource(s) may be affected:

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#### 2022 NORTHSIDE HOSPITAL GWINNETT EXPANSION DRI

### City of Lawrenceville Natural Resources Comments February 7, 2023

While ARC and the Metropolitan North Georgia Water Planning District have no regulatory or review authority over this project, the Natural Resources Group has identified City and State regulations that could apply to this property. Other regulations may also apply that we have not identified.

#### **Watershed Protection**

The proposed project is in the Yellow River watershed which is not a water supply watershed within the Atlanta Region or the Metropolitan North Georgia Water Planning District and is not subject to the Part 5 Water Supply Watershed Criteria of the 1989 Georgia Planning Act.

#### **Stream Buffers**

Both the USGS coverage for the project area and the project site plan show no blue line tributaries on this property. Any unmapped streams on the property may be subject to the City Stream Buffer Protection ordinance and 25-foot Sediment and Erosion Control buffer. Any unmapped waters of the state will also be subject to the State 25-foot Sediment and Erosion Control buffer.

#### **Stormwater/Water Quality**

The project should adequately address the impacts of the proposed development on stormwater runoff and downstream water quality.

During the planning phase, the stormwater management system (system) should meet the requirements of the local jurisdiction's post-construction (or post-development) stormwater management ordinance. The system should be designed to prevent increased flood damage, streambank channel erosion, habitat degradation and water quality degradation, and enhance and promote the public health, safety and general welfare. The system design should also be in accordance with the applicable sections of the Georgia Stormwater Management Manual (<a href="www.georgiastormwater.com">www.georgiastormwater.com</a>) such as design standards, calculations, formulas, and methods. Where possible, the project should use stormwater better site design practices included in the Georgia Stormwater Management Manual, Volume 2, Section 2.3.

During construction, the project should conform to the relevant state and federal erosion and sedimentation control requirements.



regional impact + local relevance

## **Development of Regional Impact**

### **Assessment of Consistency with the Regional Transportation Plan**

#### **DRI INFORMATION**

DRI Number #3858

**DRI Title** Northside Hospital Gwinnett Expansion

**County** Gwinnett County

City (if applicable) Lawrenceville

Address / Location 1000 Medical Center Blvd.

#### **Proposed Development Type:**

A DRI review of a proposal to expand Northside Hospital Gwinnett to add a 155,000 SF medical office building, 480 beds (16 story building with 735,596 SF), a 5 story parking deck, additional surface parking lots, and a 47,309 SF Central Energy Plant on the existing 100 acre hospital site at Duluth Highway and University Parkway in the City of Lawrenceville.

**Build Out: 2026** 

Review Process EXPEDITED

NON-EXPEDITED

#### **REVIEW INFORMATION**

**Prepared by** ARC Transportation Access and Mobility Division

Staff Lead Reginald James

**Copied** Marquitrice Mangham

Date February 13, 2023

#### **TRAFFIC STUDY**

Prepared by Kimley-Horn

Date January 9, 2023

### REGIONAL TRANSPORTATION PLAN PROJECTS

01. Did the traffic analysis incorporate all projects contained in the current version of the fiscally constrained RTP which are within the study area or along major transportation corridors connecting the study area with adjacent jurisdictions?
YES (provide the regional plan referenced and the page number of the traffic study where relevant projects are identified)
On page 10 of the traffic study.
NO (provide comments below)
Click here to provide comments.
REGIONAL NETWORKS
02. Will the development site be directly served by any roadways identified as Regional Thoroughfares
A Regional Thoroughfare is a major transportation corridor that serves multiple ways of traveling, including walking, bicycling, driving, and riding transit. It connects people and goods to important places in metropolitan Atlanta. A Regional Thoroughfare's operations should be managed through application of special traffic control strategies and suitable land development guidelines in order to maintain travel efficiency, reliability, and safety for all users. In light of the special function that Regional Thoroughfares serve in supporting cross-regional and interjurisdictional mobility and access, the network receives priority consideration for infrastructure investment in the Metro Atlanta region. Any access points between the development and a Regional Thoroughfare, combined with the development's on-site circulation patterns, must be designed with the goal of preserving the highest possible level of capacity and safety for all users of the roadway.
□ NO
YES (identify the roadways and existing/proposed access points)
Access is provided via a roadway (Duluth Highway/Site Driveway A) identified as a Regional Thoroughfare.

#### 03. Will the development site be directly served by any roadways identified as Regional Truck Routes?

A Regional Truck Route is a freeway, state route or other roadway which serves as a critical link for the movement of goods to, from and within the Region by connecting airports, intermodal/multimodal facilities, distribution and warehousing centers and manufacturing clusters with the rest of the state and nation. These facilities often serve a key mobility and access function for other users as well, including drivers, bicyclists, pedestrians and transit users. A Regional Truck Route's operations should be managed through application of special traffic control strategies and suitable land development guidelines in order to maintain travel efficiency, reliability, and safety for all users. In light of the special function that Regional Truck Routes serve in supporting cross-regional and interjurisdictional mobility and access, the network receives priority consideration for infrastructure investment in the Metro Atlanta region. Any access points between the development and a Regional Truck Route, combined with the development's on-site circulation patterns, must be designed with the goal of preserving the highest possible level of capacity and safety for all users of the roadway.

$\boxtimes$	NO
	YES (identify the roadways and existing/proposed access points)
	Click here to provide comments.

# 04. If the development site is within one mile of an existing rail service, provide information on accessibility conditions.

Access between major developments and transit services provide options for people who cannot or prefer not to drive, expand economic opportunities by better connecting people and jobs, and can help reduce congestion. If a transit service is available nearby, but walking or bicycling between the development site and the nearest station is a challenge, the applicable local government(s) is encouraged to make the route a funding priority for future walking and bicycling infrastructure improvements.

$\boxtimes$	NOT APPLICABLE (nearest station more than one mile away)		
	RAIL SERVICE WITHIN ONE MILE (provide additional information below)		
	Operator / Rail Line		
	Nearest Station	Click here to enter name of operator and rail line	
	Distance*	☐ Within or adjacent to the development site (0.10 mile or less)	
		0.10 to 0.50 mile	
		0.50 to 1.00 mile	
	Walking Access*	Sidewalks and crosswalks provide sufficient connectivity	

	Sidewalk and crosswalk network is incomplete
	Not applicable (accessing the site by walking is not consistent with the type of development proposed)
	Click here to provide comments.
Bicycling Access*	Dedicated paths, lanes or cycle tracks provide sufficient connectivity
	☐ Low volume and/or low speed streets provide connectivity
	☐ Route follows high volume and/or high speed streets
	Not applicable (accessing the site by bicycling is not consistent with the type of development proposed)
Transit Connectivity	Fixed route transit agency bus service available to rail station
	Private shuttle or circulator available to rail station
	No services available to rail station
	Not applicable (accessing the site by transit is not consistent with the type of development proposed)
	Click here to provide comments.

<sup>\*</sup> Following the most direct feasible walking or bicycling route to the nearest point on the development site

05. If there is currently no rail transit service within one mile of the development site, is nearby rail service planned in the fiscally constrained RTP?

Access between major developments and transit services provide options for people who cannot or prefer not to drive, expand economic opportunities by better connecting people and jobs, and can help reduce traffic congestion. If a transit agency operates within the jurisdiction and expansion plans are being considered in the general vicinity of the development site, the agency should give consideration to how the site can be best served during the evaluation of alignments and station locations. Proactive negotiations with the development team and local government(s) are encouraged to determine whether right-of-way within the site should be identified and protected for potential future service. If direct service to the site is not feasible or cost effective, the transit agency and local government(s) are encouraged to ensure good walking and bicycling access accessibility is provided between the development and the future rail line. These improvements should be considered fundamental components of the overall transit expansion project, with improvements completed concurrent with or prior to the transit service being brought online.

	NOT APPLICABLE (rail service already exists)
	NOT APPLICABLE (accessing the site by transit is not consistent with the type of development proposed)
$\boxtimes$	NO (no plans exist to provide rail service in the general vicinity)
	YES (provide additional information on the timeframe of the expansion project below)
	CST planned within TIP period
	CST planned within first portion of long range period
	CST planned near end of plan horizon

Click here to provide comments.

06. If the development site is within one mile of fixed route bus services (including any privately operated shuttles or circulators open to the general public), provide information on walking and bicycling accessibility conditions.

Access between major developments and transit services provide options for people who cannot or prefer not to drive, expand economic opportunities by better connecting people and jobs, and can help reduce congestion. If a transit service is available nearby, but walking or bicycling between the development site and the nearest station is a challenge, the applicable local government(s) is encouraged to make the connection a funding priority for future walking and bicycling infrastructure improvements.

NOT ADDUCABLE /			
NOT APPLICABLE (nearest bus, shuttle or circulator stop more than one mile away)			
SERVICE WITHIN ONE	MILE (provide additional information below)		
Operator(s)	Gwinnett County Transit		
Bus Route(s)	40		
Distance*	igotimes Within or adjacent to the development site (0.10 mile or less)		
	0.10 to 0.50 mile		
	0.50 to 1.00 mile		
Walking Access*	Sidewalks and crosswalks provide sufficient connectivity		
	Sidewalk and crosswalk network is incomplete		
	<ul> <li>Not applicable (accessing the site by walking is not consistent with the type of development proposed)</li> </ul>		
	Click here to provide comments.		
Bicycling Access*	igotimes Dedicated paths, lanes or cycle tracks provide sufficient connectivity		
	Low volume and/or low speed streets provide sufficient connectivity		
	Route uses high volume and/or high speed streets		
	Not applicable (accessing the site by bicycling is not consistent with the type of development proposed)		
* Following the mos	t direct feasible walking or bicycling route to the nearest point on the		

development site

		h provides rail and/or fixed route bus service operate anywhere within e development site is located?	
or ca cc se no to er ar	r prefer not to drive, expo an help reduce traffic con emprehensive operations erving the site during the ature of the developmen the site is not feasible of asure good walking and a my routes within a one m	velopments and transit services provide options for people who cannot and economic opportunities by better connecting people and jobs, and agestion. If a transit agency operates within the jurisdiction and a splan update is undertaken, the agency should give consideration to evaluation of future routes, bus stops and transfer facilities. If the t is amenable to access by transit, walking or bicycling, but direct service or cost effective, the transit agency and local government(s) should bicycling access accessibility is provided between the development and lile radius. The applicable local government(s) is encouraged to make any priority for future walking and bicycling infrastructure improvements.	
	NO		
$\boxtimes$	YES		
Gwi	innett County Transit		
on a	8. If the development site is within one mile of an existing multi-use path or trail, provide information on accessibility conditions.  Access between major developments and walking/bicycling facilities provide options for people		
w ar or fa	ho cannot or prefer not nd jobs, and can help red r trail is available nearby acilities is a challenge, th	to drive, expand economic opportunities by better connecting people duce traffic congestion. If connectivity with a regionally significant path y, but walking or bicycling between the development site and those e applicable local government(s) is encouraged to make the route a walking and bicycling infrastructure improvements.	
		rest path or trail more than one mile away)	
	YES (provide additiona	<u> </u>	
	Name of facility	Click here to provide name of facility.	
	Distance	☐ Within or adjacent to development site (0.10 mile or less)	
		0.15 to 0.50 mile	
		0.50 to 1.00 mile	
	Walking Access*	Sidewalks and crosswalks provide connectivity	
		Sidewalk and crosswalk network is incomplete	
		Not applicable (accessing the site by walking is not consistent with the type of development proposed)	

Dedicated lanes or cycle tracks provide connectivity

Route uses high volume and/or high speed streets

Low volume and/or low speed streets provide connectivity

Bicycling Access\*

	* Following the most direct feasible walking or bicycling route to the nearest point on the development site
OTHER TRA	ANSPORTATION DESIGN CONSIDERATIONS
	es the site plan provide for the construction of publicly accessible local road or drive aisle nections with adjacent parcels?
ar	te ability for drivers and bus routes to move between developments without using the adjacent terial or collector roadway networks can save time and reduce congestion. Such opportunities ould be considered and proactively incorporated into development site plans whenever possible.
$\bowtie$	YES (connections to adjacent parcels are planned as part of the development)
	YES (stub outs will make future connections possible when adjacent parcels redevelop)
	NO (the site plan precludes future connections with adjacent parcels when they redevelop)
	OTHER ( Please explain)
	es the site plan enable pedestrians and bicyclists to move between destinations within the elopment site safely and conveniently?
re pl de	the ability for walkers and bicyclists to move within the site safely and conveniently reduces bliance on vehicular trips, which has congestion reduction and health benefits. Development site and should incorporate well designed and direct sidewalk connections between all key estinations. To the extent practical, bicycle lanes or multiuse paths are encouraged for large creage sites and where high volumes of bicyclists and pedestrians are possible.
	YES (sidewalks provided on all key walking routes and both sides of roads whenever practical and bicyclists should have no major issues navigating the street network)
	PARTIAL (some walking and bicycling facilities are provided, but connections are not comprehensive and/or direct)
	NO (walking and bicycling facilities within the site are limited or nonexistent)
	NOT APPLICABLE (the nature of the development does not lend itself to internal walking and bicycling trips)
	OTHER ( Please explain)

11. Does the site plan provide the ability to construct publicly accessible bicycling and walking

connections with adjacent parcels which may be redeveloped in the future?

Not applicable (accessing the site by bicycling is not consistent with

the type of development proposed

re op	ne ability for walkers and bicyclists to move between developments safely and conveniently duces reliance on vehicular trips, which has congestion reduction and health benefits. Such apportunities should be considered and proactively incorporated into development site plans thenever possible.
	YES (connections to adjacent parcels are planned as part of the development)
	YES (stub outs will make future connections possible when adjacent parcels redevelop)
	NO (the development site plan does not enable walking or bicycling to/from adjacent parcels)
	NO (the site plan precludes future connections with adjacent parcels when they redevelop)
	NOT APPLICABLE (adjacent parcels are not likely to develop or redevelop in the near future)
	NOT APPLICABLE (the nature of the development or adjacent parcels does not lend itself to interparcel walking and bicycling trips)
fror	es the site plan effectively manage truck movements and separate them, to the extent possible, in the flow of pedestrians, bicyclists and motorists both within the site and on the surrounding id network?  The ability for delivery and service vehicles to efficiently enter and exit major developments is
of ar se	ten key to their economic success. So is the ability of visitors and customers being able to move ound safely and pleasantly within the site. To the extent practical, truck movements should be gregated by minimizing the number of conflict points with publicly accessible internal roadways, dewalks, paths and other facilities.
	YES (truck routes to serve destinations within the site are clearly delineated, provide ample space for queuing and turning around, and are separated from other users to the extent practical)
	PARTIAL (while one or more truck routes are also used by motorists and/or interface with primary walking and bicycling routes, the site plan mitigates the potential for conflict adequately)
	NO (one or more truck routes serving the site conflict directly with routes likely to be used heavily by pedestrians, bicyclists and/or motorists)
	NOT APPLICABLE (the nature of the development will not generate a wide variety of users and/or very low truck volumes, so the potential for conflict is negligible)
RECOMME	<u>INDATIONS</u>
	the transportation network recommendations outlined in the traffic study appear to be feasible naconstructability standpoint?
	UNKNOWN (additional study is necessary)
	YES (based on information made available through the review process; does not represent a thorough engineering / financial analysis)

	NO (see comments below)
	Click here to enter text.
14.	Is ARC aware of any issues with the development proposal which may result in it being opposed by
	one or more local governments, agencies or stakeholder groups?
	NO (based on information shared with ARC staff prior to or during the review process; does not reflect the outcome of an extensive stakeholder engagement process)
	YES (see comments below)
	Click here to enter text.
15.	ARC offers the following additional comments for consideration by the development team and/or the applicable local government(s):
	None at this time.



