

AREA 1 ANALYSIS

ROADWAY CHARACTERISTICS



- Right of way width 75'-80'
- Roadway width: Mostly 24', 2 drive lanes with small asphalt shoulders.
- Two-lane road with no sidewalks in most places.
- Grass shoulder on east side of roadway.
- Curb along west side of road for most of length of this section.
- Speed limit 35 mph.
- Sidewalk and curb and gutter on east side of road in vicinity of Seigakuin School.

DESIGN CONSIDERATIONS



- Periodic drainage swales on east side of road.
- Possible wetlands on (low density) property on east side of roadway.
- Limited sight distance near Seigakuin School.
- Overhead power lines.
- Existing vegetation.
- Possible hazards for pedestrians crossing at Spalding due to lack of pedestrian facilities.

SIDEWALK GAPS



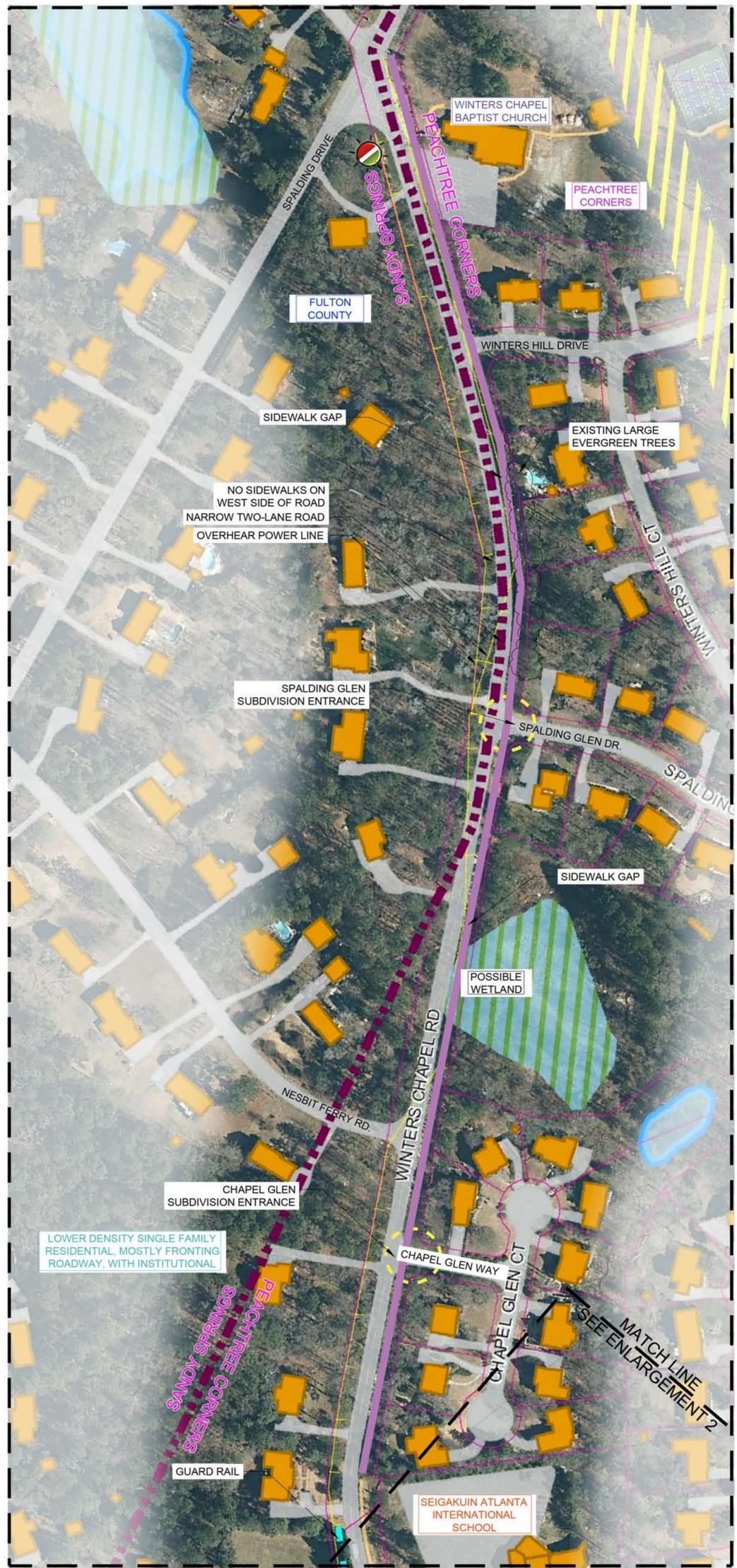
- No sidewalks on west side of road, although sidewalks in this area may not be appropriate due to single family housing type and drainage conditions.
- No sidewalk on east side of road between Spalding Drive and Seigakuin School.

MAP 1 DESCRIPTION:

The Winters Chapel Road corridor in this area is characterized by a two-lane road approximately 24' wide with wooded lots on either side. There are no sidewalks in this area. There are several single family house on large lots that front the roadway and single family subdivision houses that have backs or sides to the roads. There is a lighted intersection at Spalding Drive and the Winters Chapel Methodist Church is on the east side of this intersection. The west side of the roadway is Fulton County/ Sandy Springs and the east side of the roadway is Peachtree Corners. Peachtree Corners owns the right of way on the east side of the roadway.

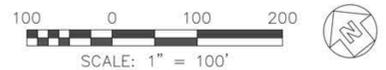


KEY PLAN
NTS



WINTERS CHAPEL ROAD CORRIDOR

PEACHTREE CORNERS AND DUNWOODY



Legend

	STUDY AREA		TRAFFIC SIGNALS		SUBDIVISION ENTRANCE
	COUNTY BOUNDARY		GA POWER EASEMENT		SIDEWALK GAP
	OTHER IMPERVIOUS		BUILDING FOOTPRINT		GUARD RAIL
	BRIDGE		DUNWOODY PARCELS		OVERHEAD POWER LINES
	DRIVEWAY		STORM STRUCTURE		POOR VISIBILITY ZONE
	PARKING LOT		STORM PIPE		ACTIVITY ZONE
	WALKWAY		STREAMS		COLONIAL GAS EASEMENT
	SIDEWALK		WATER		PEACHTREE CORNERS PARCELS
	ROAD		WETLANDS		CHARACTER AREAS
			FLOODPLAINS		

AREA 2 ANALYSIS

ROADWAY CHARACTERISTICS



- Roadway width: Varies
 - 22'-26' 2 drive lanes, small asphalt shoulders
 - 36'-40' 2 drive lanes, 1 side turn/accel decel lane
- Right of way: 65'-85', 120' at Dunwoody Club
- Two-lane road, widens with additional turn lane and curb and gutter in some areas.
- Sidewalks along east side in some sections.
- Shoulders vary, some with curb and gutter, some grass shoulder.
- Some areas have curb, no gutter, varying on both sides of roadway.
- Speed limit 30 mph at Spalding Ln., 40 mph elsewhere.



KEY PLAN
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DESIGN CONSIDERATIONS



- Periodic drainage swales on east side of road.
- Limited sight distance near Seigakuin School.
- Overhead power lines.
- Colonial Pipeline Gas Easement crosses roadway.
- Large Power/ Transmission Line crossed roadway.
- Possible hazards to pedestrian crossing Dunwoody Club, Congregation Beth Shalom and Seigakuin School.

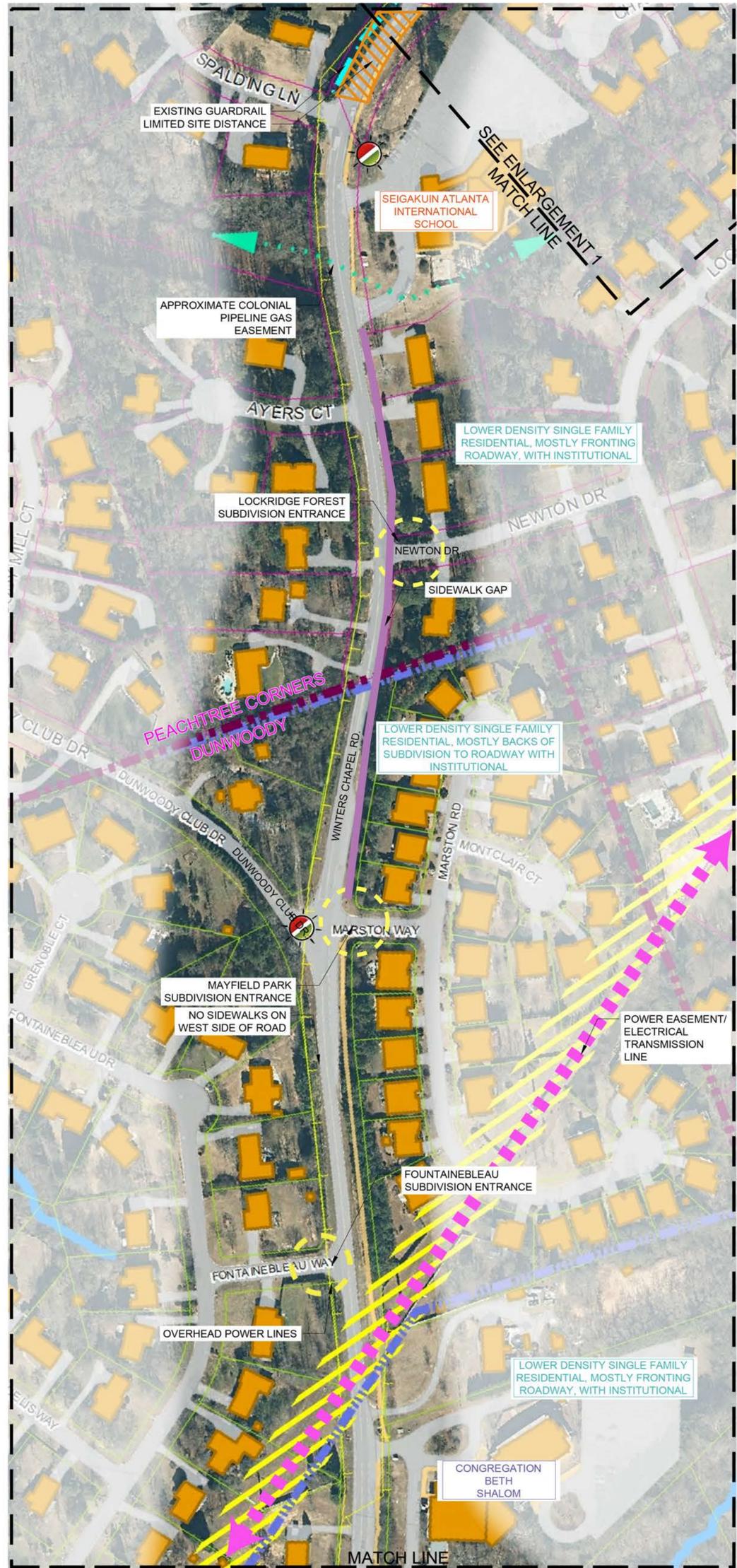
SIDEWALK GAPS



- No sidewalks on west side of road, but sidewalks in this area may not be appropriate due to single family housing type and drainage conditions.
- No sidewalk between Spalding Drive and Seigakuin School.

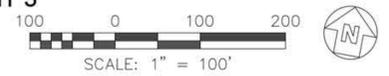
MAP 2 DESCRIPTION:

The majority of the corridor in this area is 22'-26' wide with two drive lanes and several areas where the road widens to accommodate turn lanes. There is one area of poor road visibility north of Spalding Lane. There are no sidewalks along the western side of the roadway and there is a sidewalk gap between the Seigakuin School and Marston Way. The frontage is dominated by single family residential fronting the road or subdivisions that back up to the roadway. There are two institutions in this area, the Seigakuin Atlanta International School in the northern area and Congregation Beth Shalom on the southern side. The Colonial Pipeline easement crosses south of the Seigakuin School, and there is a large power-transmission easement north of Beth Shalom. The character of this area changes between north of Dunwoody Club Dr. and south of the power/transmission easement. The north side of this map is within Peachtree Corners on both sides of the roadway. The southern area of this map is Dunwoody on both sides of the roadway.



WINTERS CHAPEL ROAD CORRIDOR

PEACHTREE CORNERS AND DUNWOODY



Legend

STUDY AREA	TRAFFIC SIGNALS	SUBDIVISION ENTRANCE
COUNTY BOUNDARY	GA POWER EASEMENT	SIDEWALK GAP
OTHER IMPERVIOUS	BUILDING FOOTPRINT	GUARD RAIL
BRIDGE	DUNWOODY PARCELS	OVERHEAD POWER LINES
DRIVEWAY	STORM STRUCTURE	POOR VISIBILITY ZONE
PARKING LOT	STORM PIPE	ACTIVITY ZONE
WALKWAY	STREAMS	COLONIAL GAS EASEMENT
SIDEWALK	WATER	PEACHTREE CORNERS PARCELS
ROAD	WETLANDS	CHARACTER AREAS
	FLOODPLAINS	

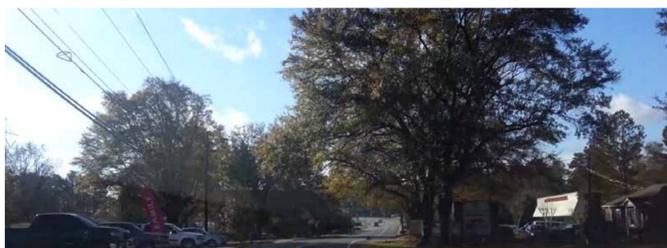
AREA 3 ANALYSIS

ROADWAY CHARACTERISTICS



- Right of way width: 75'-85'
- Roadway width : Varies
 - 24'-26' 2 drive lanes, small asphalt shoulders
 - 32'-38' 2 drive lanes, 1 side turn/accel decel lane
- Two-lane road, widens with additional turn lane and curb and gutter in some areas.
- Sidewalks along east side.
- No sidewalks along west side.
- Shoulders vary throughout corridor, some with curb, no gutter, some grass, some curb, and with sidewalk.
- Some areas of large paved shoulders/widened road.
- Speed limit 40 mph road.

DESIGN CONSIDERATIONS



- Periodic drainage swales on west side of road.
- Large cemetery on west side.
- Overhead power lines.
- Drainage swales along west side of roadway.
- Residential fences within right of way.
- Possible stream adjacent to roadway.
- Character transition zone on south side of area between residential and business/office/ institutional zone

SIDEWALK GAPS



- No sidewalks on west side of road, but additional sidewalks may not be necessary within low density residential area.
- Sidewalk gap along existing office/business area on west side of road.

MAP 3 DESCRIPTION:

This area has two-lane roads of 24' width and areas where the road widens from 32' up to 38' to accommodate a side turning lane. While there are no sidewalks along the western side of the roadway, there are consistent sidewalks along the eastern side. This area is characterized by single family homes fronting Winters Chapel as well as a cemetery that borders the roadway. The character of the roadway changes south of the cemetery where a business district begins. Dunwoody is the jurisdiction for the areas north of the Winters Chapel Methodist Church Property. Peachtree Corners has jurisdiction is on the south side along both sides of the roadway in this map area.



KEY PLAN
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WINTERS CHAPEL ROAD CORRIDOR

PEACHTREE CORNERS AND DUNWOODY

Legend

	STUDY AREA		TRAFFIC SIGNALS		SUBDIVISION ENTRANCE
	COUNTY BOUNDARY		GA POWER EASEMENT		SIDEWALK GAP
	OTHER IMPERVIOUS		BUILDING FOOTPRINT		GUARD RAIL
	BRIDGE		DUNWOODY PARCELS		OVERHEAD POWER LINES
	DRIVEWAY		STORM STRUCTURE		POOR VISIBILITY ZONE
	PARKING LOT		STORM PIPE		ACTIVITY ZONE
	WALKWAY		STREAMS		COLONIAL GAS EASEMENT
	SIDEWALK		WATER		PEACHTREE CORNERS PARCELS
	ROAD		WETLANDS		CHARACTER AREAS
			FLOODPLAINS		

AREA 4 ANALYSIS

ROADWAY CHARACTERISTICS



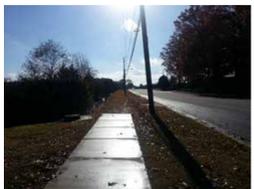
- Right of way width: Varies from about 65'-140'
- Roadway width:
 1. 36', 2 drive lanes, 1 additional lane (unofficial turn lane for access to multiple businesses or turn lane).
 2. 40' (in front of Walmart/Peeler). 2 drive lanes, 1 center turn lane, 7' shoulder.
 3. 42', 2 drive lanes, 1 turn lane, center median varies.
 4. 40-44' 2 drive lanes, wide center median.
 5. 50' with 2 drive lanes, 1 side turn/accel decal lane, 1 shoulder/ decal lane for water plant.
 6. 50' 2 drive lanes including a widened merge lane, 1 center turn lane.
- Two-lane road, widens with additional turn lane and pavement shoulders in some areas.
- Sidewalks along east side in business district.
- Sidewalks along west side in area south of Peeler Road.
- Entire area has curb, some areas of gutters with curbs.
- Some areas of large paved shoulders/widened road.
- Speed limit 40 mph.

DESIGN CONSIDERATIONS



- Periodic drainage swales on west side of road.
- Overhead power lines.
- Large Power Easement/ Transmission Line.
- Drainage swales long west side of roadway.
- Heavy vehicle and pedestrian traffic zone.
- Intersection with Peeler Road may present hazards for pedestrians and vehicles.
- Character transition zone between business/office area and water treatment plant zone
- Inconsistent applications of crosswalks.

SIDEWALK GAPS



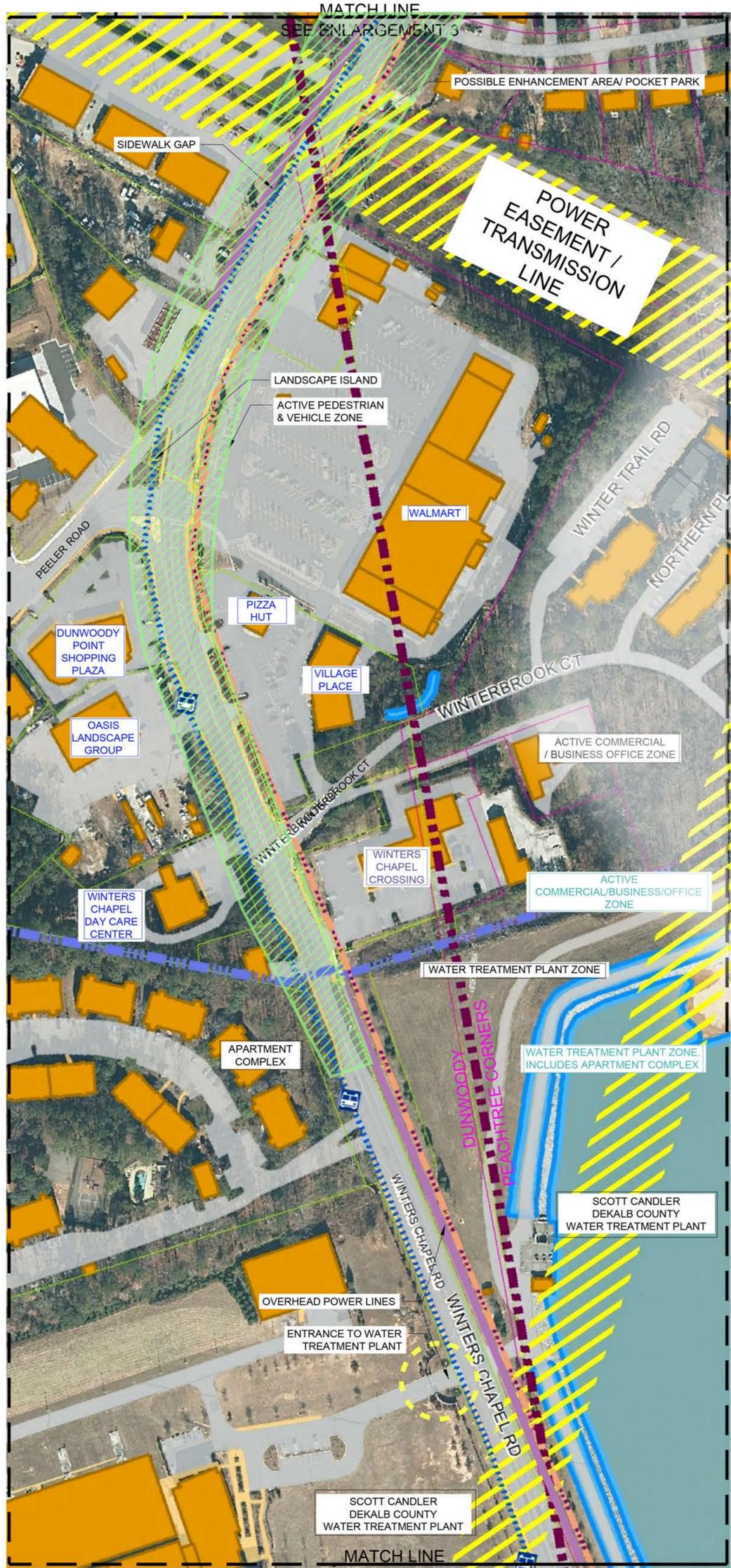
- No sidewalks on west side of road, north of Peeler road.
- Existing sidewalk along east side ends between existing commercial and water treatment plant frontage

MAP 4 DESCRIPTION:

The roadway width and right of way width vary greatly in this space due to the commercial nature of the area and the intersection with Peeler Road. Road widths vary from 36' up to 50' depending on the amount and type of lanes. There are consistent sidewalks in the commercial area on the east side of the road, but there is a gap on the east side of the road along the water treatment plant area. There are sidewalks on the west side of the road with a gap north of Peeler Road towards the power easement. This area is characterized by commercial and office units along the northern portion of the map. The southern area of the map transitions into an area that backs up against an apartment complex and a large zone fronted by the DeKalb County Scott Candler Water Treatment Plant. There is a bus route in this area with bus stops on the west side of the roadway south of Peeler Road. There is a large electrical transmission easement that crosses the northern portion of Winter's Chapel. Most of this roadway right of way falls within the jurisdiction of Dunwoody.

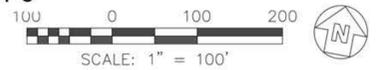


KEY PLAN
NTS



WINTERS CHAPEL ROAD CORRIDOR

PEACHTREE CORNERS AND DUNWOODY



Legend

	STUDY AREA		TRAFFIC SIGNALS		GUARD RAIL
	COUNTY BOUNDARY		GA POWER EASEMENT		SUBDIVISION ENTRANCE
	OTHER IMPERVIOUS		BUILDING FOOTPRINT		SIDEWALK GAP
	BRIDGE		DUNWOODY PARCELS		OVERHEAD POWER LINES
	DRIVEWAY		STORM STRUCTURE		POOR VISIBILITY ZONE
	PARKING LOT		STORM PIPE		ACTIVITY ZONE
	WALKWAY		WATER		COLONIAL GAS EASEMENT
	SIDEWALK		WETLANDS		PEACHTREE CORNERS PARCELS
	ROAD		FLOODPLAINS		CHARACTER AREAS

AREA 5 ANALYSIS

ROADWAY CHARACTERISTICS



KEY PLAN
NTS

- Right of way width: Varies from 65' to about 90'
- Roadway width:
 1. 24' with 2 drive lanes, small asphalt shoulders.
 2. 36' with 2 drive lanes, 1 side turn/accel decal lane.
 3. 50' with 2 drive lanes, 1 side turn/accel decal lane, 1 shoulder/ decal lane for water plant.
 4. 55' with 2 drive lanes, 1 extra-wide subdivision turn lane and some center median.
 5. 65' with 4 drive lanes, 1 side turn/accel decal lane near business area.
 6. 80' with 4 drive lanes, 1 center turn lane, and parking lot turn lane.
- Two-lane road, with occasional turn lanes north of business area.
- Four-lane road with turn lanes in business area adjacent to Peachtree Industrial.
- Sidewalks along west side are consistent.
- No sidewalks along east side.
- Curb along most of roadway on both sides.
- Part of the corridor has curb with gutter along both sides.
- Speed limit 40 mph.

DESIGN CONSIDERATIONS



- High vehicular and pedestrian traffic zone adjacent to businesses at Peachtree Industrial.
- Pedestrian crossing hazards in commercial area.
- Overhead power lines.
- Character transition zone on between residential and water treatment plant zone.
- Character transitions from Peachtree Industrial commercial and residential.

SIDEWALK GAPS



- No sidewalks from businesses at Peachtree Industrial north on east side.

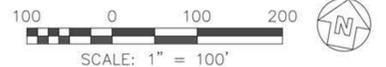
MAP 5 DESCRIPTION:

The roadway width varies greatly from 24' with two drive lanes up to 80' in the areas adjacent to the businesses where multiple turn/merge lanes exist. This area is characterized by single family residential frontage on the east side of the road and condo/apartment complexes/single family residential subdivisions on the west side of the road. There is one vacant lot and a couple of commercial business complexes at the Peachtree Industrial intersection. There are consistent sidewalks along the western side of the road and a significant gap on the east side of the road just north of the businesses at Peachtree Industrial. There is a bus route in this area with bus stops on the west side of the roadway. The eastern side of the roadway is within Peachtree Corners while the western side of the roadway is City of Dunwoody.



WINTERS CHAPEL ROAD CORRIDOR

PEACHTREE CORNERS AND DUNWOODY



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STUDY AREA	TRAFFIC SIGNALS	SUBDIVISION ENTRANCE
COUNTY BOUNDARY	GA POWER EASEMENT	SIDEWALK GAP
OTHER IMPERVIOUS	BUILDING FOOTPRINT	GUARD RAIL
BRIDGE	DUNWOODY PARCELS	OVERHEAD POWER LINES
DRIVEWAY	STORM STRUCTURE	LIMITED SIGHT ZONE
PARKING LOT	STORM PIPE	ACTIVITY ZONE
WALKWAY	STREAMS	COLONIAL GAS EASEMENT
SIDEWALK	WATER	PEACHTREE CORNERS PARCELS
ROAD	WETLANDS	CHARACTER AREAS
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