

Attachment C: Complete Street Design Guide Compliance Analysis

Complete Streets Design Guide Compliance

| Legend | Definition |
|--------|-------------------------|
| Blue | Meets default standard |
| Yellow | Meets minimum standard |
| Orange | Does not meet standards |

Active Zone (West)

| Active Zone Facility | Complete Street Default | Complete Street Minimum | 100' south of Piney Branch Rd to Piney Branch Rd | Piney Branch Rd to 300' north of Piney Branch Rd | 300' north of Piney Branch Rd to Flower Avenue Urban Park | Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 100' south of Arliss St to 50' north of Arliss St |
|--------------------------|-------------------------|-------------------------|--|--|---|---|--|---|
| Existing Sidewalk | 10' | 8' | 5' | 8' | 6' | 6' | 5' | 5' |
| Proposed Sidewalk | 10' | 8' | 6' | 6' | 6' | 6' | 6' | 6' |
| Existing Ped/Bike Buffer | 6' | 2' | -- | -- | -- | -- | -- | -- |
| Proposed Ped/Bike Buffer | 6' | 2' | 0' | 0' to 5' | 5' | 0' | 0' | 0' |
| Existing SBL | 6.5' | 5' | -- | -- | -- | -- | -- | -- |
| Proposed SBL | 6.5' | 5' | 5' | 5' | 5' | 5' | 5' | 5' |
| Existing Street Buffer | 6' | 6' | 6' | 0' | 5' | 5' | 0' | 0' |
| Proposed Street Buffer | 6' | 6' | 1' to 8' | 3' | 3' | 3' to 9' | 3' | 3' |

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Street Zone

| Side of Roadway | Street Zone Facility | Complete Street Default | Complete Street Minimum | 100' south of Piney Branch Rd to Piney Branch Rd | Piney Branch Rd to 300' north of Piney Branch Rd | 300' north of Piney Branch Rd to Flower Avenue Urban Park | Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 100' south of Arliss St to 50' north of Arliss St |
|-----------------|-----------------------|-------------------------|-------------------------|--|--|---|---|--|---|
| Southbound | Existing Parking Lane | 8' | 8' | -- | 11' | -- | -- | -- | -- |
| Southbound | Proposed Parking Lane | 8' | 8' | -- | 8' | -- | -- | -- | -- |
| Southbound | Existing Travel lanes | 11' | 11' | 22' | 12' | 11' | 10' | 10' | 10' |
| Southbound | Proposed Travel Lanes | 11' | 11' | 13 | 11' | 11' | 11' | 11' | 11' |
| Center | Existing Turn Lane | 10' | 10' | 10' | 11' | 10' | 9' | 9' | 8' |
| Center | Proposed Turn Lane | 10' | 10' | 10' | 10' | -- | -- | -- | -- |
| Center | Existing Median | 10' | 6' | -- | -- | N/A | 7.5' | 7.5' | 7.5' |
| Center | Proposed Median | 10' | 6' | -- | -- | 4' | -- | -- | -- |
| Northbound | Existing Travel lanes | 11' | 11' | 12' | 19' | 15' | 12' | 12' | 12' |
| Northbound | Proposed Travel Lanes | 11' | 11' | 11' | 11' | 11' | 11' | 11' | 11' |
| Northbound | Existing Parking Lane | 8' | 8' | 9' | -- | 9.5' | -- | -- | -- |
| Northbound | Proposed Parking Lane | 8' | 8' | -- | 8' | 8' | -- | -- | -- |

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Active Zone (East)

| Active Zone Facility | Complete Street Default | Complete Street Minimum | 100' south of Piney Branch Rd to Piney Branch Rd | Piney Branch Rd to 300' north of Piney Branch Rd | 300' north of Piney Branch Rd to Flower Avenue Urban Park | Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 100' south of Arliss St to 50' north of Arliss St |
|--------------------------|-------------------------|-------------------------|--|--|---|---|--|---|
| Existing Street Buffer | 6' | 6' | 0' | 5' | 5' | 5' | 5' | 3' |
| Proposed Street Buffer | 6' | 6' | 1' to 4' | 3' | 3' | 3' to 9' | 3' | 3' to 6' |
| Existing SBL | 6.5' | 5' | -- | -- | -- | -- | -- | -- |
| Proposed SBL | 6.5' | 5' | 5' | 5' | 5' | 5' | 5' | 5' |
| Existing Ped/Bike Buffer | 6' | 2' | -- | -- | -- | -- | -- | -- |
| Proposed Ped/Bike Buffer | 6' | 2' | 0' | 5' | 5' | 0' | 5' | 0' |
| Existing Sidewalk | 10' | 8' | 9' | 7' | 10' | 6' | 6' | 6' |
| Proposed Sidewalk | 10' | 8' | 6' | 6' | 10' | 6' | 6' | 8' to 10' |

Active Zone Facility-Width Summary

| Active Zone Facility | CSDG | Existing | Proposed |
|----------------------------|------------|-----------|-----------|
| Sidewalk (west) | 8' to 10' | 5' to 8' | 6' |
| Ped/Bike Buffer (west) | 2' to 6' | -- | 0' to 5' |
| Separated Bike Lane (west) | 5' to 6.5' | -- | 5' |
| Street Buffer (west) | 6' | 0' to 6' | 3' to 9' |
| Street Buffer (east) | 6' | 0' to 5' | 1' to 9' |
| Separated Bike Lane (east) | 5' to 6.5' | -- | 5' |
| Ped/Bike Buffer (east) | 2' to 6' | -- | 0' to 5' |
| Sidewalk (east) | 8' to 10' | 6' to 10' | 6' to 10' |

Attachment C: Complete Street Design Guide Compliance Analysis

Rounded Total Right-of-Way Used

| Type of Right-of-Way | <i>Complete Street Default</i> | 100' south of Piney Branch Rd to Piney Branch Rd | Piney Branch Rd to 300' north of Piney Branch Rd | 300' north of Piney Branch Rd to Flower Avenue Urban Park | Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 100' south of Arliss St to 50' north of Arliss St |
|----------------------|--------------------------------|--|--|---|---|--|---|
| Existing ROW Used | 70' | 73' | 73' | 71.5' | 60.5' | 54.5' | 51.5' |
| Proposed ROW Used | 70' | 62' | 84' | 76' | 56' | 55' | 54' |

Crossing Spacing

| Crossings | Perpendicular Road | Parallel Road | Location | Spacing |
|--------------------------------------|--------------------|-----------------|----------|---------|
| Piney Branch Rd (protected crossing) | Flower Ave | Piney Branch Rd | 102+00 | N/A |
| Flower Avenue Urban Park / Bus Stop | Flower Ave | N/A | 106+50 | 450' |
| Arliss St | Flower Ave | Arliss St | 110+65 | 465' |

Attachment C: Complete Street Design Guide Compliance Analysis

Pedestrian Level of Comfort Analysis

| Legend | Comfort Level Score | Definition |
|--------|---------------------|----------------------|
| Green | PLOC 1 | Very Comfortable |
| Blue | PLOC 2 | Somewhat Comfortable |
| Yellow | PLOC 3 | Uncomfortable |
| Orange | PLOC 4 | Undesirable |

Existing PLOC (West)

| Street Location | Sidewalk | Separated Bike Lane | Street Buffer | Parking Lane | PLOC |
|---|----------|---------------------|---------------|--------------|------|
| 100' south of Piney Branch Rd to Piney Branch Rd | 5' | -- | 6' | -- | 2 |
| Piney Branch Rd to 300' north of Piney Branch Rd | 8' | -- | 0' | 11' | 2 |
| 300' north of Piney Branch Rd to Flower Avenue Urban Park | 6' | -- | 5' | -- | 2 |
| Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 6' | -- | 5' | -- | 2 |
| 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 5' | -- | 0' | -- | 3 |
| 100' south of Arliss St to 50' north of Arliss St | 5' | -- | 0' | -- | 3 |

Proposed PLOC (West)

| Street Location | Sidewalk | Separated Bike Lane | Street Buffer | Parking Lane | PLOC |
|---|----------|---------------------|---------------|--------------|------|
| 100' south of Piney Branch Rd to Piney Branch Rd | 6' | 5' | 1' to 8' | -- | 1 |
| Piney Branch Rd to 300' north of Piney Branch Rd | 6' | 5' | 3' | 8' | 1 |
| 300' north of Piney Branch Rd to Flower Avenue Urban Park | 6' | 5' | 3' | -- | 2 |
| Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 6' | 5' | 3' to 9' | -- | 1 |
| 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 6' | 5' | 3' | -- | 2 |
| 100' south of Arliss St to 50' north of Arliss St | 6' | 5' | 3' | -- | 2 |

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Existing PLOC (East)

| Street Location | Sidewalk | Separated Bike Lane | Street Buffer | Parking Lane | PLOC |
|---|----------|---------------------|---------------|--------------|------|
| 100' south of Piney Branch Rd to Piney Branch Rd | 9' | -- | 0' | 9' | 2 |
| Piney Branch Rd to 300' north of Piney Branch Rd | 7' | -- | 5' | -- | 2 |
| 300' north of Piney Branch Rd to Flower Avenue Urban Park | 10' | -- | 5' | 9.5' | 1 |
| Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 6' | -- | 5' | -- | 2 |
| 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 6' | -- | 5' | -- | 2 |
| 100' south of Arliss St to 50' north of Arliss St | 6' | -- | 3' | -- | 3 |

Proposed PLOC (East)

| Street Location | Sidewalk | Separated Bike Lane | Street Buffer | Parking Lane | PLOC |
|---|-----------|---------------------|---------------|--------------|------|
| 100' south of Piney Branch Rd to Piney Branch Rd | 6' | 5' | 1' to 4' | -- | 2 |
| Piney Branch Rd to 300' north of Piney Branch Rd | 6' | 5' | 3' | 8' | 1 |
| 300' north of Piney Branch Rd to Flower Avenue Urban Park | 10' | 5' | 3' | 8' | 1 |
| Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 6' | 5' | 3' to 9' | -- | 1 |
| 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 6' | 5' | 3' | -- | 2 |
| 100' south of Arliss St to 50' north of Arliss St | 8' to 10' | 5' | 3' to 6' | -- | 1 |

PLOC Summary

| Street Location | Existing (West) | Proposed (West) | Existing (East) | Proposed (East) |
|---|-----------------|-----------------|-----------------|-----------------|
| 100' south of Piney Branch Rd to Piney Branch Rd | 2 | 1 | 2 | 2 |
| Piney Branch Rd to 300' north of Piney Branch Rd | 2 | 1 | 2 | 1 |
| 300' north of Piney Branch Rd to Flower Avenue Urban Park | 2 | 2 | 1 | 1 |
| Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 2 | 1 | 2 | 1 |
| 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 3 | 2 | 2 | 2 |
| 100' south of Arliss St to 50' north of Arliss St | 3 | 2 | 3 | 1 |

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Bicycle Level of Traffic Stress Analysis

| Legend | Level of Stress Score | Definition |
|--------|-----------------------|----------------------|
| Green | BLTS 1 | Very Low Stress |
| Blue | BLTS 2 | Low Stress |
| White | BLTS 2.5 | Moderate Low Stress |
| Yellow | BLTS 3 | Moderate High Stress |
| Orange | BLTS 4 | High Stress |

Existing BLTS (West)

| Street Location | Sidewalk | Separated Bike Lane | Street Buffer | No. of Driveways | Parking Lane | BLTS |
|---|----------|---------------------|---------------|------------------|--------------|------|
| 100' south of Piney Branch Rd to Piney Branch Rd | 5' | -- | 6' | 1 | -- | 3 |
| Piney Branch Rd to 300' north of Piney Branch Rd | 8' | -- | 0' | 4 | 11' | 2.5 |
| 300' north of Piney Branch Rd to Flower Avenue Urban Park | 6' | -- | 5' | 1 | -- | 3 |
| Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 6' | -- | 5' | 0 | -- | 3 |
| 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 5' | -- | 0' | 5 | -- | 3 |
| 100' south of Arliss St to 50' north of Arliss St | 5' | -- | 0' | 1 | -- | 3 |

Proposed BLTS (West)

| Street Location | Sidewalk | Separated Bike Lane | Street Buffer | No. of Driveways | Parking Lane | BLTS |
|---|----------|---------------------|---------------|------------------|--------------|------|
| 100' south of Piney Branch Rd to Piney Branch Rd | 6' | 5' | 1 to 8' | 1 | -- | 2 |
| Piney Branch Rd to 300' north of Piney Branch Rd | 6' | 5' | 3' | 4 | 11' | 1 |
| 300' north of Piney Branch Rd to Flower Avenue Urban Park | 6' | 5' | 3' | 1 | -- | 2 |
| Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 6' | 5' | 3' to 9' | 0 | -- | 1 |
| 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 6' | 5' | 3' | 5 | -- | 2 |
| 100' south of Arliss St to 50' north of Arliss St | 6' | 5' | 3' | 1 | -- | 2 |

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Existing BLTS (East)

| Street Location | Sidewalk | Separated Bike Lane | Street Buffer | No. of Driveways | Parking Lane | BLTS |
|---|----------|---------------------|---------------|------------------|--------------|------|
| 100' south of Piney Branch Rd to Piney Branch Rd | 9' | -- | 0' | 1 | 9' | 2.5 |
| Piney Branch Rd to 300' north of Piney Branch Rd | 7' | -- | 5' | 2 | -- | 3 |
| 300' north of Piney Branch Rd to Flower Avenue Urban Park | 10' | -- | 5' | 1 | 9.5' | 2.5 |
| Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 6' | -- | 5' | 1 | -- | 3 |
| 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 6' | -- | 5' | 3 | -- | 3 |
| 100' south of Arliss St to 50' north of Arliss St | 6' | -- | 3' | 2 | -- | 3 |

Proposed BLTS (East)

| Street Location | Sidewalk | Separated Bike Lane | Street Buffer | No. of Driveways | Parking Lane | BLTS |
|---|-----------|---------------------|---------------|------------------|--------------|------|
| 100' south of Piney Branch Rd to Piney Branch Rd | 6' | 5' | 1' to 4' | 1 | -- | 2 |
| Piney Branch Rd to 300' north of Piney Branch Rd | 6' | 5' | 3' | 2 | 8' | 1 |
| 300' north of Piney Branch Rd to Flower Avenue Urban Park | 10' | 5' | 3' | 1 | 8' | 1 |
| Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 6' | 5' | 3' to 9' | 1 | -- | 2 |
| 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 6' | 5' | 3' | 3 | -- | 2 |
| 100' south of Arliss St to 50' north of Arliss St | 8' to 10' | 5' | 3' to 6' | 2 | -- | 2 |

BLTS Summary

| Street Location | Existing (West) | Proposed (West) | Existing (East) | Proposed (East) |
|---|-----------------|-----------------|-----------------|-----------------|
| 100' south of Piney Branch Rd to Piney Branch Rd | 3 | 2 | 2.5 | 2 |
| Piney Branch Rd to 300' north of Piney Branch Rd | 2.5 | 1 | 3 | 1 |
| 300' north of Piney Branch Rd to Flower Avenue Urban Park | 3 | 2 | 2.5 | 1 |
| Flower Avenue Urban Park to 50' north of Flower Avenue Urban Park | 3 | 1 | 3 | 2 |
| 50' north of Flower Avenue Urban Park to 100' south of Arliss St | 3 | 2 | 3 | 2 |
| 100' south of Arliss St to 50' north of Arliss St | 3 | 2 | 3 | 2 |