



**Date:** May 6, 2014

**To:** Thomas J. Bonfield, City Manager  
**Through:** W. Bowman Ferguson, Deputy City Manager  
**From:** Marvin G. Williams, Director of Public Works

**Subject:** Agenda Item - Street and Infrastructure Acceptance

**Executive Summary**

Pursuant to City ordinance, streets and associated infrastructure shall be considered for acceptance for maintenance by the City of Durham when they are improved in accordance with requirements established by the City Council. The following streets, associated infrastructure, and off street utilities have been improved to City of Durham standards:

Summer Meadows – Phases 2 & 5

- 1) Summer Storm Drive – from the end of Phase 1 construction @ STA 4+17.54 east then north to the centerline of the second intersection with Rainmaker Drive (1,716') and
- 2) Rainmaker Drive – from the centerline of Summer Storm Drive north through the cul-de-sac (1,444') and
- 3) Vienna Drive – from the north ditch line of Hebron Road north to the centerline of Summer Storm Drive (182') and
- 4) Salzburg Court – from the centerline of Summer Storm Drive west through the cul-de-sac (158').

Summer Meadows – Phases 2 & 5 – Additional Infrastructure

- 1) Sanitary Sewer Outfall "A1" – from the sewer main located in Rainmaker Drive north to the existing sewer outfall (495') and
- 2) Sanitary Sewer Outfall "A2" – from the sewer main located in the cul-de-sac end of Rainmaker Drive west to the intersection of sewer outfall A1 (306') and
- 3) Sanitary Sewer Outfall "D" – from the sanitary sewer main in Summer Storm Drive south to STA 2+48.75 (149').

### Villas at Culp Arbor – Phases 1A, 1B, & 1C

- 1) Culp Hill Drive – from the west curb line of Farrington Road west to the end of Phase 1 construction @ STA 7+85 (455') and
- 2) Niagra Drive – from the beginning of Phase 1 construction north past Culp Hill Drive to the end of Phase 1 construction @ 6+65 (565').

### Villas at Culp Arbor – Phases 1A, 1B, & 1C – Additional Infrastructure

- 1) Sanitary Sewer Outfall A – from the sanitary sewer line in Niagra Drive north then east to the sanitary sewer manhole west of Farrington Road (726') and
- 2) Sanitary Sewer Outfall B – from the sanitary sewer manhole west of Farrington Road easterly under Interstate 40 and south to the existing Trenton Road sewer outfall (3,438') and
- 3) Sanitary Sewer Outfall C – from the sanitary sewer main in Niagra Drive east to the end of the sewer outfall line (216').

### Cardinal Lake – Phases 3, 4, 5, 6, 8, 9, 10, 11, & 12

- 1) Whispering Oak Lane – from the centerline of Cardinal Lake Drive south through the cul-de-sac (1,425') and
- 2) Golden Meadow Court – from the centerline of Whispering Oak Lane east through the cul-de-sac (478') and
- 3) Serenity Court – from the centerline of Whispering Oak Lane east through the cul-de-sac (427') and
- 4) Red Bird Drive – from the centerline of Whispering Oak Lane eastward to the end of the road @ STA 15+72.41 (572') and
- 5) Red Crest Lane – from the centerline of Red Bird Lane south to the end of the road @ STA 15+64.10 (564') and
- 6) Scarlett Lane Drive – from the centerline of Cardinal Lake Drive south and then east back around to the centerline of Cardinal Lake Drive (853') and
- 7) Golden Eagle Drive – from the end of Phase 2 construction @ STA 24+20.29 eastward and back around to the end of Phase 12 construction @ STA 45+90 (2,170') and
- 8) Falling Star Way – from the end of Phase 2 construction @ STA 13+18 south to the centerline of Golden Eagle Drive (155') and
- 9) Rosebud Lane – from the centerline of Golden Eagle Drive westward to the centerline of Golden Eagle Drive (814').

Cardinal Lake - Phases 3, 4, 5, 6, 8, 9, 10, 11, & 12 - Additional Infrastructure

- 1) Sanitary Sewer Outfall T – from the sanitary sewer manhole located in Cardinal Lake Drive north then southwest to the end of the outfall line (533') and
- 2) Sanitary Sewer Outfall U – from the sanitary sewer manhole located in Cardinal Lake Drive north then northeast to the end of the outfall line (405') and
- 3) Sanitary Sewer Outfall P – from the sanitary sewer manhole east of Red Crest Lane west to the existing sanitary sewer outfall line southwest of Whispering Oak Lane (714').

Swanns Mill - Phases 7A, 7B, 7C, & 8

- 1) Genlee Drive – from the centerline of Miller Drive east to the centerline of Cozart Street (1,917') and
- 2) Nethers Court – from the centerline of Genlee Drive south through the end of the cul-de-sac (143') and
- 3) Cozart Street – from the end of previous construction @ STA 33+19.34 north to the end of construction @ STA 35+49.65 (230') and
- 4) Shiley Drive – from the centerline of Genlee Drive southward to the centerline of Cozart Street (817') and
- 5) Bolter Court – from the centerline of Shiley Drive southeast through the end of the cul-de-sac (130') and,
- 6) Tennessee Road – from the centerline of Genlee Drive north to the end of construction @ STA 19+85.26 (985') and
- 7) Miller Court – from the centerline of Miller Drive west through the end of the cul-de-sac (128') and
- 8) Miller Drive – from the end of previous construction @ STA 29+67.45 north then east to the centerline of Tennessee Road (898').

Swanns Mill - Phases 7A, 7B, 7C, & 8 - Additional Infrastructure

- 1) Sanitary Sewer Outfall D – from the sanitary sewer manhole in Tennessee Road east to the existing sewer outfall (85').

Brier Village – Phase II

- 1) Torrey Heights Lane – from the centerline of Evanston Avenue east then north to the centerline of Evanston Avenue (1,265').

**Recommendation**

The Public Works Department recommends that the City Council accept the above named streets, as well as the water, sewer, and storm drainage lines located within the street rights of way, and the sanitary sewer outfalls (additional infrastructure), for maintenance by the City of Durham.

**Background:**

Summer Meadows, Villas at Culp Arbor, Cardinal Lake, and Swanns Mill are located within areas that have been developed and annexed into the City. Per the extension agreements executed with the developers, street rights of way and utility easements have been dedicated as public with the understanding that once the streets were built to City of Durham standards and as defined by the agreements, these streets and associated infrastructure (water, sewer and storm drainage lines) would be accepted for maintenance by the City.

Brier Village – Phase II is located within an area that has been developed and annexed into the City. Per the extension agreement executed with the developer, street rights of way and utility easements have been dedicated as public with the understanding that once the streets were built to City of Durham standards and as defined by the agreements, these streets and associated infrastructure (water and storm drainage lines) would be accepted for maintenance by the City. The sanitary sewer system for this development is in the County of Durham maintenance area and is therefore not being recommended for acceptance for maintenance by the City.

**Issues and Analysis:**

Past practice has dictated that the City of Durham accept streets and infrastructure that are part of new developments with dedicated public rights of way as defined by the extension agreements.

**Alternatives:**

The alternative to accepting these streets from the developers would be to decline their requests and ask that they continue to maintain these streets under private maintenance programs.

**Financial Impacts:**

Accepting these streets would result in the City spending some additional annual maintenance funds. This expense would be somewhat mitigated by adding additional mileage to the annual Powell Bill listing, resulting in additional State Powell Bill funds for the City.

**SBDE Summary:**

N/A

MGW/mln

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