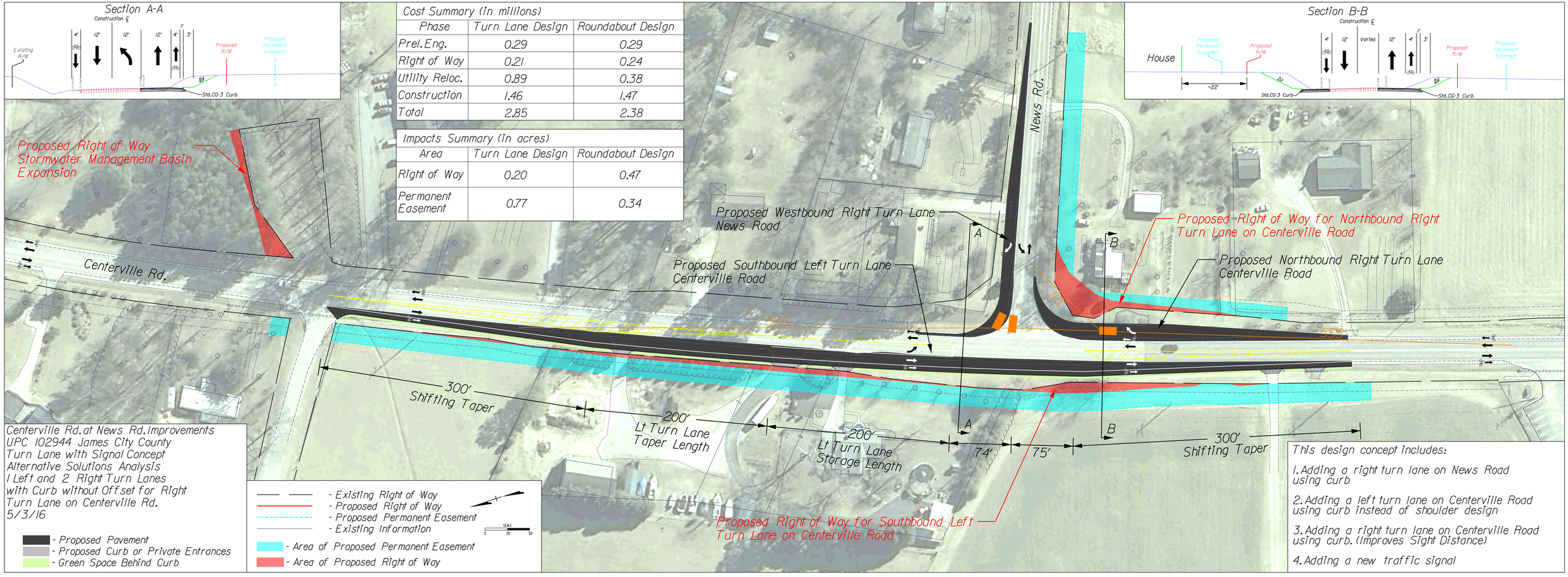
Section A-A
Construction ℄
4'
12'
12'
12'
4'
3'
r
Existing R/W
Proposed R/W
Proposed Permanent Easement
2%
Std.CG-3 Curb
Section B-B
Construction ℄
House
Proposed Permanent Easement
Proposed R/W
~22'
4'
12'
Varies
12'
4'
3'
r
2%
Std.CG-3 Curb
Proposed R/W
Proposed Permanent Easement
Std.CG-3 Curb
Cost Summary (in millions)
Phase | Turn Lane Design | Roundabout Design
Prel.Eng. | 0.29 | 0.29
Right of Way | 0.21 | 0.24
Utility Reloc. | 0.89 | 0.38
Construction | 1.46 | 1.47
Total | 2.85 | 2.38
Impacts Summary (in acres)
Area | Turn Lane Design | Roundabout Design
Right of Way | 0.20 | 0.47
Permanent Easement | 0.77 | 0.34
Proposed Right of Way Stormwater Management Basin Expansion
Centerville Rd.
Proposed Westbound Right Turn Lane News Road
Proposed Southbound Left Turn Lane Centerville Road
News Rd.
Proposed Right of Way for Northbound Right Turn Lane on Centerville Road
Proposed Northbound Right Turn Lane Centerville Road
A
B
300' Shifting Taper
200' Lt Turn Lane Taper Length
200' Lt Turn Lane Storage Length
74'
75'
300' Shifting Taper
Proposed Right of Way for Southbound Left Turn Lane on Centerville Road
Centerville Rd. at News Rd. Improvements
UPC 102944 James City County
Turn Lane with Signal Concept
Alternative Solutions Analysis
1 Left and 2 Right Turn Lanes
with Curb without Offset for Right
Turn Lane on Centerville Rd.
5/3/16
- Proposed Pavement
- Proposed Curb or Private Entrances
- Green Space Behind Curb
- Existing Right of Way
- Proposed Right of Way
- Proposed Permanent Easement
- Existing Information
SCALE 0 25' 50'
- Area of Proposed Permanent Easement
- Area of Proposed Right of Way
This design concept includes:
1. Adding a right turn lane on News Road using curb
2. Adding a left turn lane on Centerville Road using curb instead of shoulder design
3. Adding a right turn lane on Centerville Road using curb. (Improves Sight Distance)
4. Adding a new traffic signal