

MORGAN FALLS ROAD CONSTRUCTION

January 14, 2014



T-0034 Morgan Falls Road

- Project originally structured in two phases
 - Locally funded initial major effort
 - GDOT Transportation Enhancement (TE) funded follow on effort (\$500K in TE funds)

- Funding Approved to Date: \$4,500,000
 - Expended/Encumbered: Engineering, right of way and utility relocation \$962,388
 - Phase 1 Construction (available) \$3,037,612
 - Phase 2 (TE) Construction (available) \$500,000

T-0034 Morgan Falls Road

Locally funded

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- Georgia Power relocations begun
 - Completed buried utility work pending AT&T
 - Remaining aerial work to be accomplished with main project
- Phase 1 Bids Opened June 27, 2013
 - 4 Bidders -- \$3.9M - \$10.6M
 - 3 lowest bidders interviewed
 - Bid award deferred until January 31, 2014 with bidders concurrence

T-0034 Morgan Falls Road

Bid Results

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- Phase 1 Bid Results

- Astra \$3,937,900
- Johnson Landscape \$4,973,422
- Blount \$8,698,182
- CMES \$10,630,233

- Bid Observations

- Walls significant cost as expected – range from \$1.38M to \$2.38M
- Grading complete other significant variable – range from \$748K to \$6.9M

T-0034 Morgan Falls Road Actions After Bid Opening

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- Additional Geo-tech investigations conducted to review excavation costs
 - Primary focus on determining amount of rock removal and associated high costs/uncertainty
 - Initial assessments received December 16, 2013
- Rock assessment plus bidder interviews indicate cost of project could likely grow*

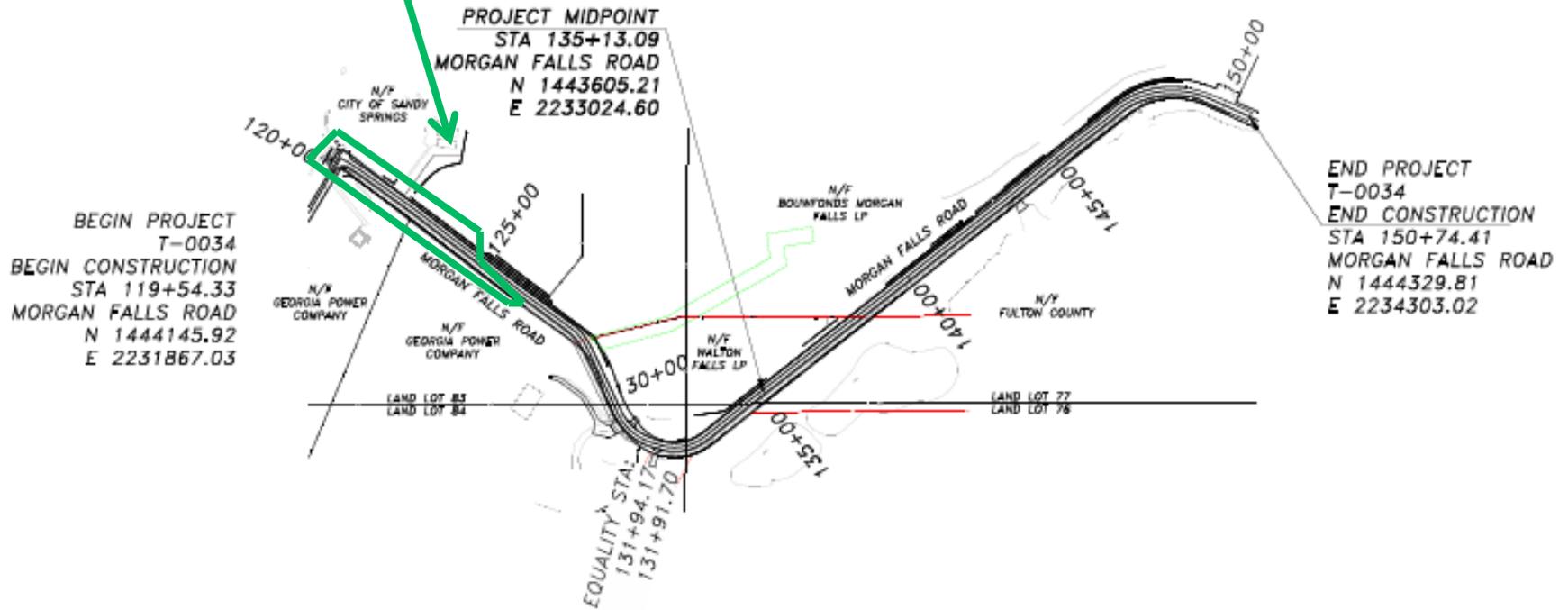
Construction Option A – Proposed Phase 1 with Repaving and Sidewalk Connection

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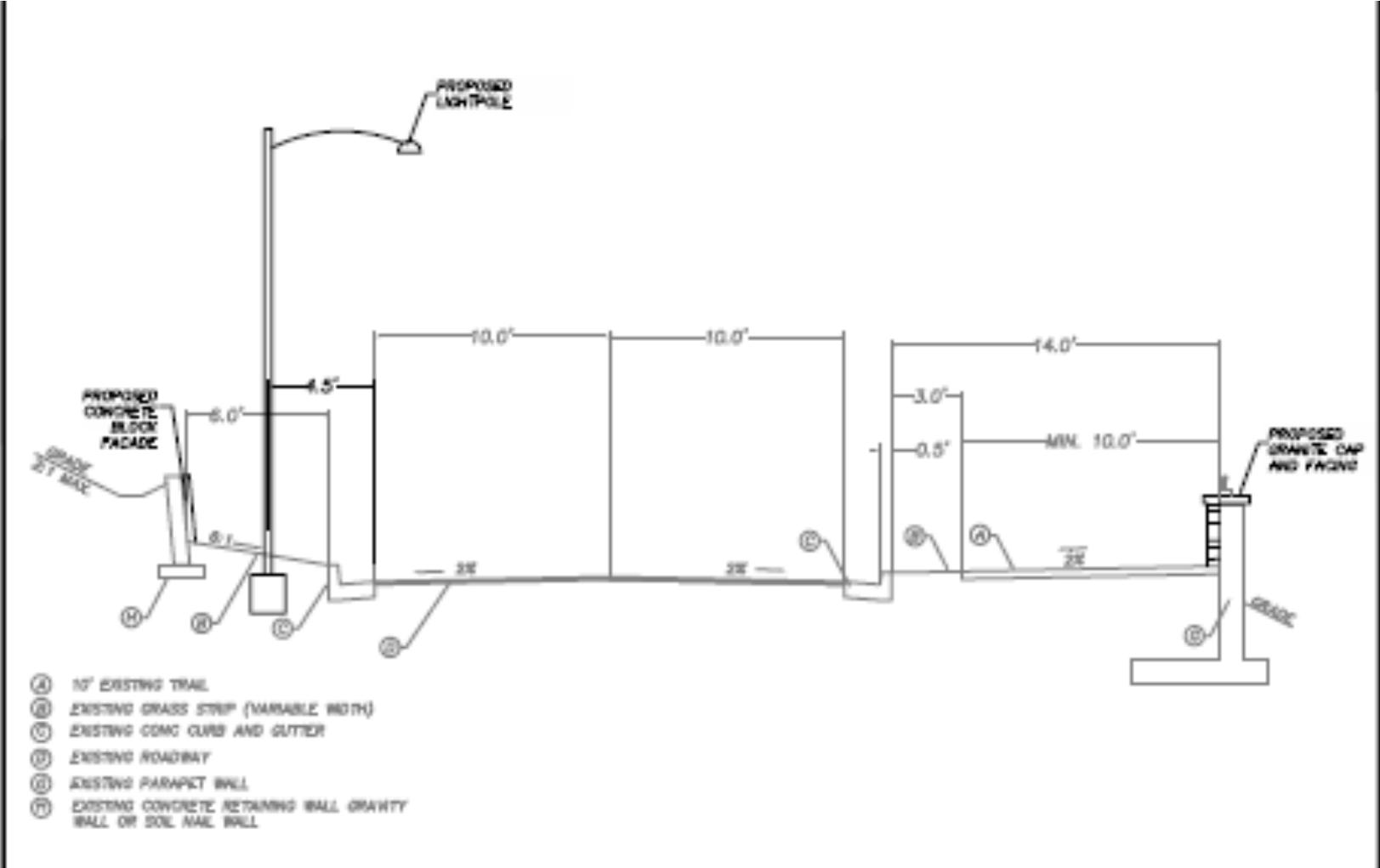
- Based on review, provide option to limit amount of wall work and associated grading and rock excavations
- Provides work to complement the future TE grant phase of the project which will be concentrated at the park
- Goal to limit “throw-away” work (project as currently designed shifts roadway throughout project limits) and provide option to construction project in increments
- Approach: Focus construction efforts starting at the Morgan Falls Overlook Park frontage – remainder of roadway to the east receives short term repair, overlay and sidewalk
- Budget target – \$1.7M

Construction Option A – Proposed Phase 1 with Repaving and Sidewalk Connection

Proposed Phase 1



Construction Option A – Proposed Phase 1 with Repaving and Sidewalk Connection



Construction Option A – Proposed Phase 1 with Repaving and Sidewalk Connection

- SEI study of limited scope project based upon bids received indicates potential price range as follows: (Note: A grading complete cost of \$200,000 is assumed since the bidder range was so great and the amount of rock excavation is now significantly reduced)
- Projected Cost for Phase 1 with Scope Reduction
 - Astra \$996,314
 - Johnson Landscape \$966,509
 - Blount Construction \$1,114,325
 - CMES \$970,591

Construction Option A – Proposed Phase 1 with Repaving and Sidewalk Connection

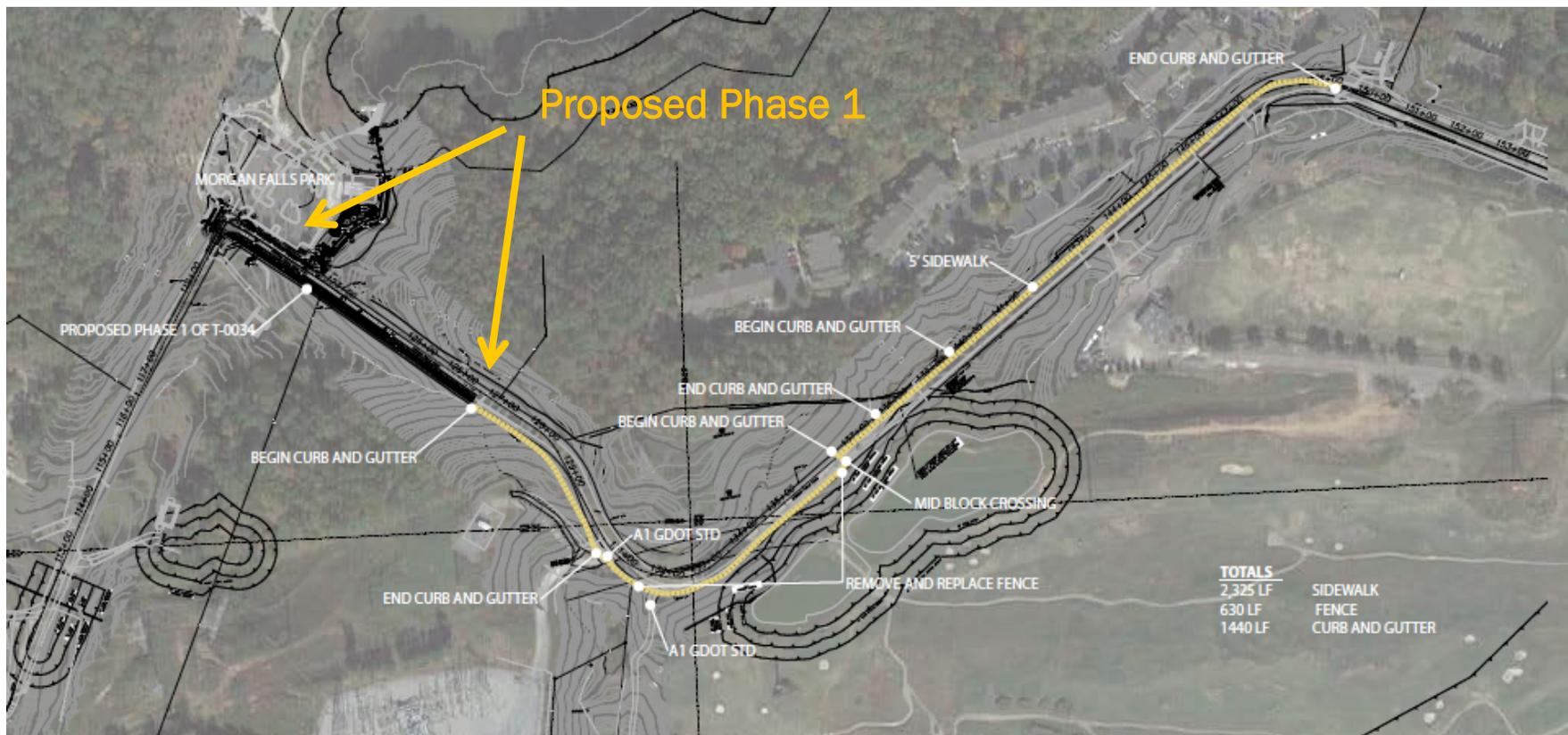
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- Approach for rest of project corridor: Beyond Phase 1A area, provide access for pedestrians via a 5' sidewalk and access for cyclists via roadway
- Roadway maintains current alignment and elevation except where reconstructed in Phase 1 area
- Limit shoulder improvements – some curb and gutter work and very limited shoulder repairs – no additional storm drainage system installation
- Given roadway alignment and topography, a pedestrian mid-block crossing will be required

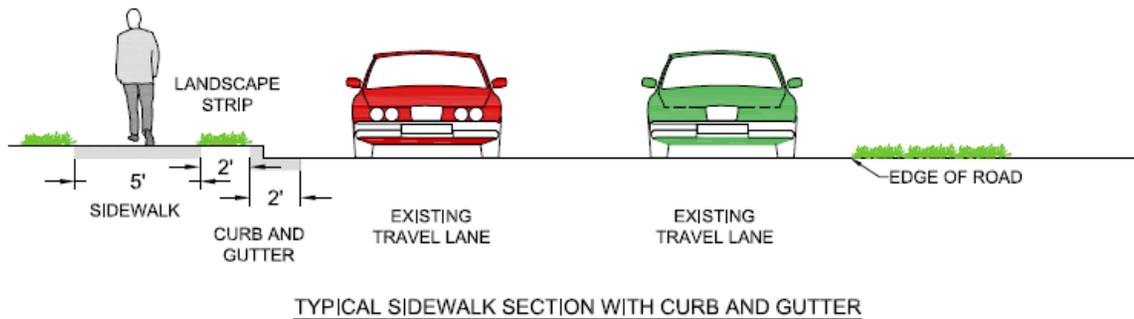
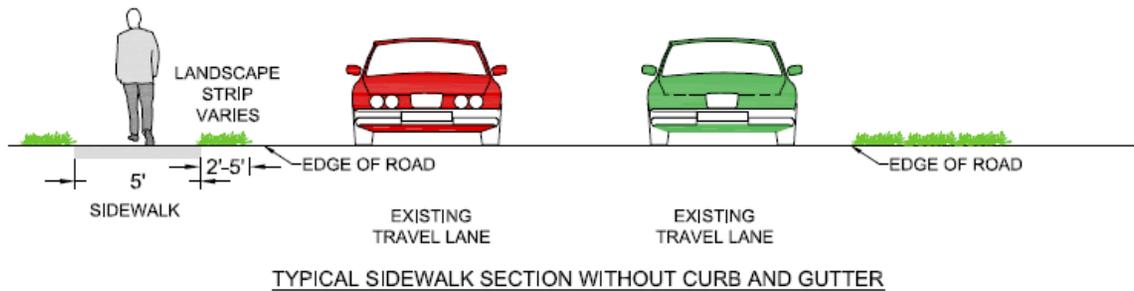
Construction Option A – Proposed Phase 1 with Repaving and Sidewalk Connection

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- Provides 5' sidewalk access with very limited shoulder improvements and bicycle access via repaved roadway for most of roadway
- Phase 1 area widens to multi-purpose path and finished shoulder



Construction Option A – Proposed Phase 1 with Repaving and Sidewalk Connection



Construction Option A – Proposed Phase 1 with Repaving and Sidewalk Connection

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Projected Cost

Limited Phase 1 \$1,100,000 (avg)

Additional Work Recommended:

Repaving (from Ph 1 to apartments) \$270,000

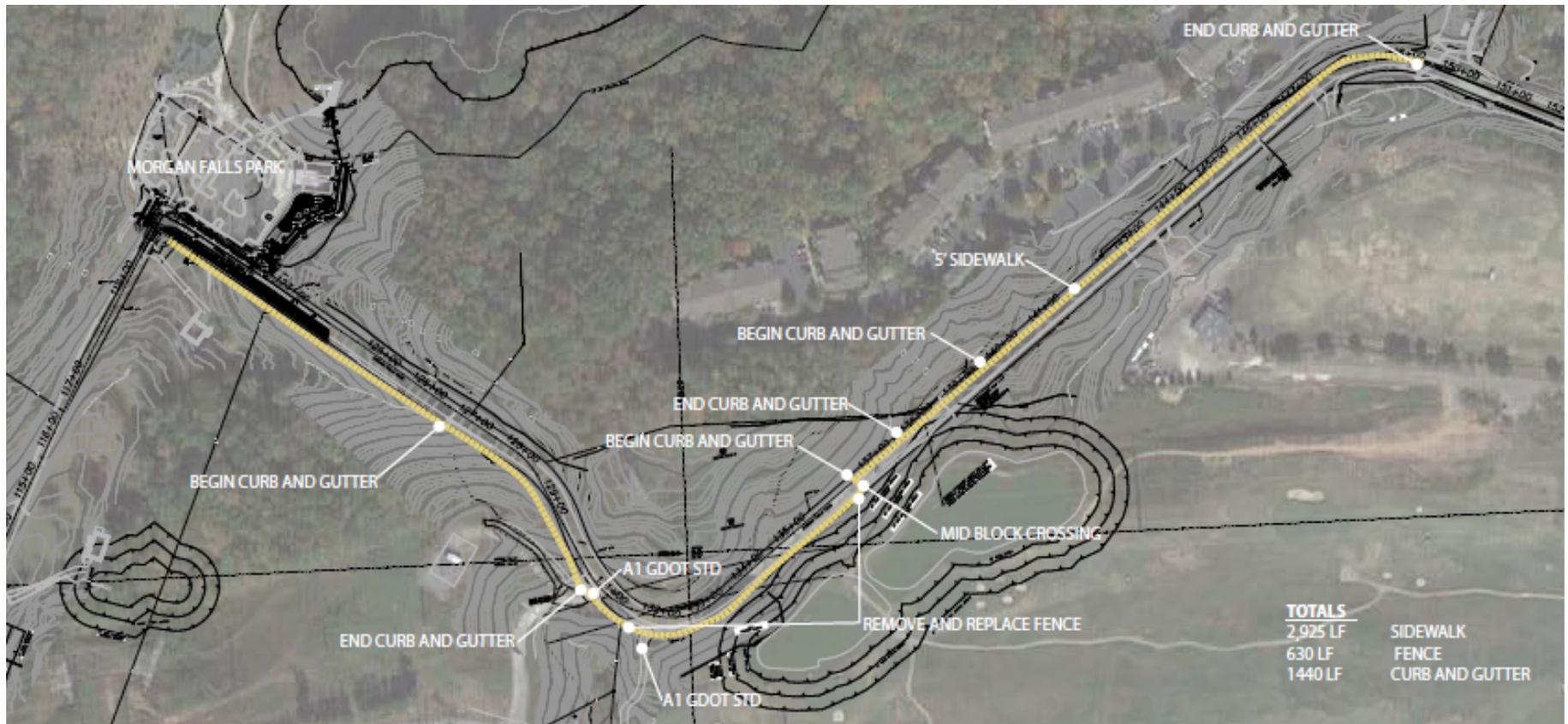
Sidewalk, Limited Curb and Fencing for Remainder of Road \$335,000

Estimated Total Cost **\$1,705,000**

Construction Option B – Construct 5' Sidewalk & Repaving Only

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- Provides 5' sidewalk access with very limited shoulder improvements—bicycle access via existing repaved roadway
- No other improvements



Construction Option B - Construct 5' Sidewalk & Repaving Only



Projected Cost

Repaving from Overlook Park to apartments	\$295,000
Sidewalk, Limited Curb and Fencing for Remainder of Road	\$455,000
Estimated Total Cost	<hr/> \$750,000

Construction Option C - Repaving Only

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Projected Cost

Repave within project limits (from Overlook Park to apartments)	\$295,000
Add for repave to Roswell Road (this element can be added to any other option)	\$245,000
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Estimated Total Cost	\$540,000

Construction Options Summary

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Available Budget	\$3,037,612
Build as Designed and Bid	<u>\$4,187,900</u>
Deficit	(\$1,150,288)
Option A – Limited Phase 1 with Sidewalk Connection and Paving	\$1,705,000
Option B – 5’ Sidewalk/Paving	\$750,000
Option C – Paving only to Roswell Road	\$540,000

T-0034 Morgan Falls Road Transportation Enhancement Project

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Transportation Enhancement grant (\$500,000)

- Reviewing scope and schedule as decisions are made on phasing overall project
- Environmental coordination provided to GDOT
- Concept Approval Letter signed and returned to GDOT

T-0034 Morgan Falls Road Transportation Enhancement Project



