Turner Drive Intersection Improvements Project

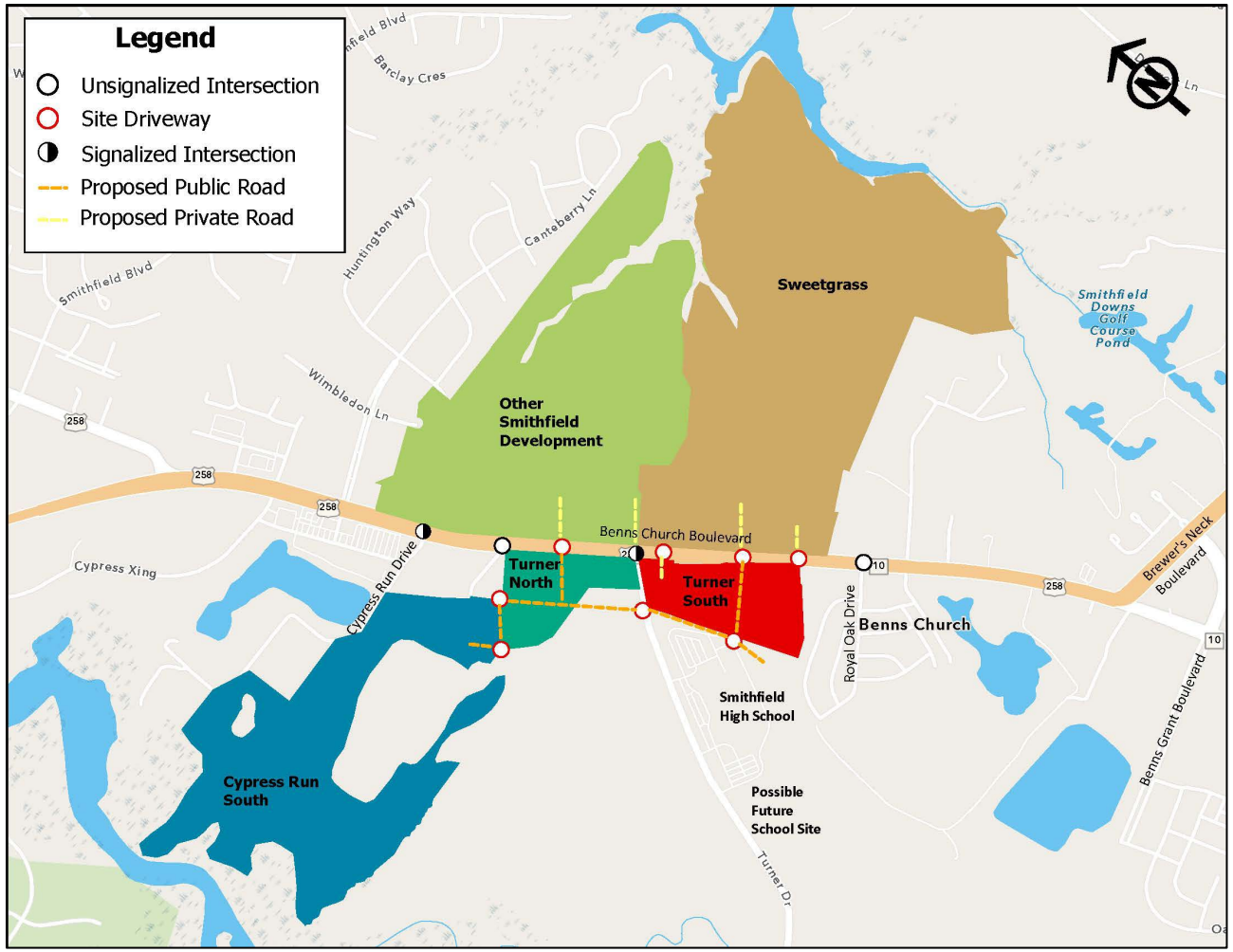
Revenue Sharing Grant Award

Town of Smithfield Committee Meeting

September 23, 2024

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Benn's Church at Turner Dr Small Area/Master TIA



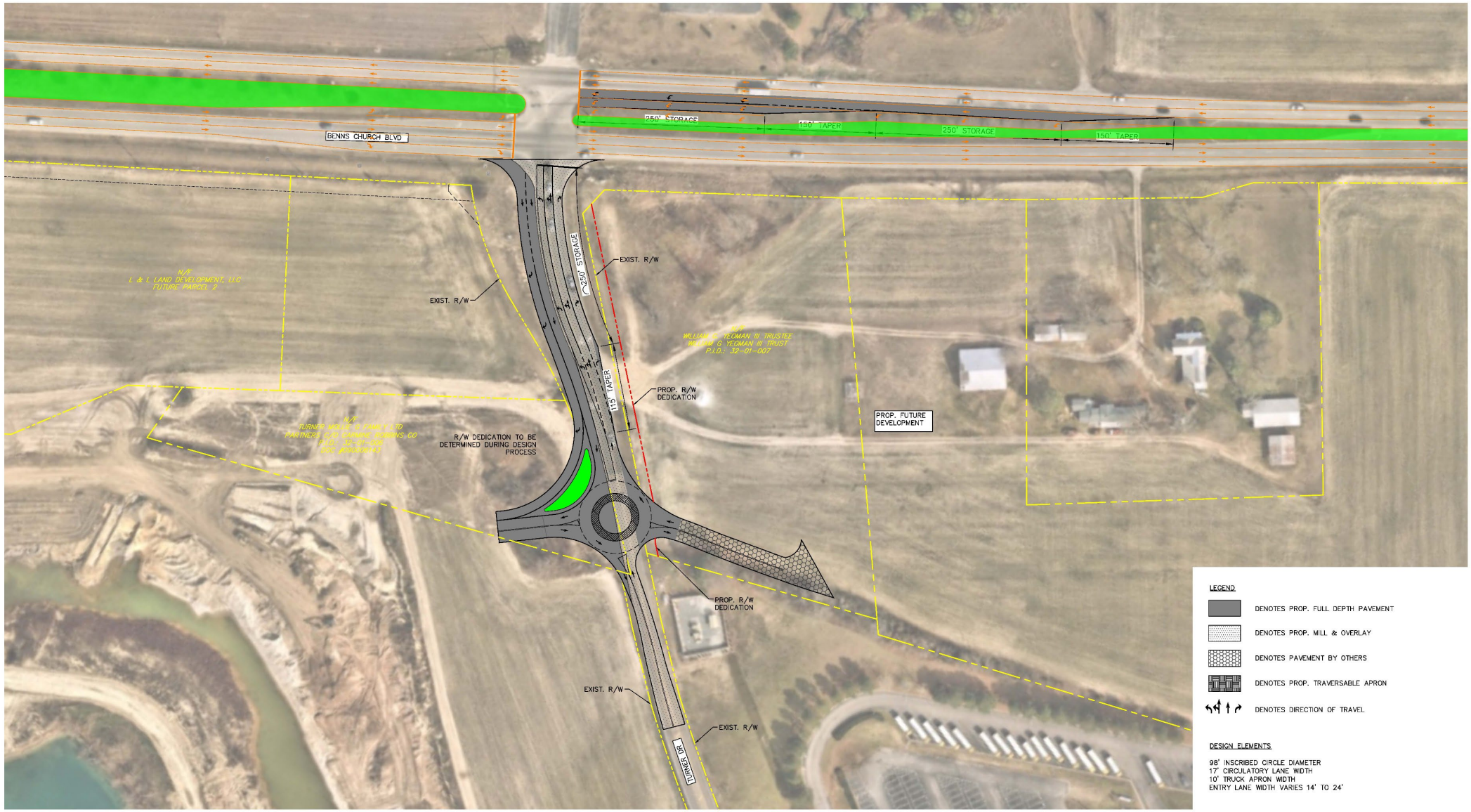
- Key area for growth in both localities.
- Diverse stakeholder group for collaboration.
- Both long- and short-term vision for planning and implementation needs.

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Small Area/Master TIA Key Take Aways

- 2025
  - Turn lane improvements needed north and south on Rt 10
  - Turn lane improvements needed on Turner
  - Single lane roundabout needed
- 2029
  - Overall traffic count 24% new growth/76% background growth
  - Signal at Sweetgrass/Rt 10 intersection
  - 2nd left turn lane at Rt 10/Turner
- 2045
  - Widen Rt 10 to 6 lanes

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NORTH

GRAPHIC SCALE IN FEET
0 30 60 120

CONCEPTUAL DESIGN EXHIBIT | BENNS CHURCH BLVD AT TURNER DRIVE | SEPTEMBER 2023

Kimley»Horn

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Revenue Sharing 2023 Application

- FY27 Funding
- Based on Interim 2029 Recommendation
- Dual lefts from Rt 10 to Turner
  - Outside left is a possible thru drop-lane as prelim segment of widening Rt 10
- Single lane roundabout on Turner providing future 4-way access
- Application $7.6M
  - Approved for partial funding $2.2M from VDOT
  - **Requires additional $4.5M to complete funding**
  - IOW acceptance required in 90 days (11/01/24)
  - PE FY27, CON FY29
  - Strong opportunity to advance PE/CON, if accepted
  - ~$1M of estimate is contingency & inflation

Project Estimate	**$ 7,686,167**
Rev Shar Grant	$ 2,200,655
IOW Smart Scale Grant	$ 972,244
other IOW funds	$ -
other Town Smfd funds	$ -
Funding Needed	**$ 4,513,268**
Rev Shar Match Required	$ 2,200,655
Shortfall Required	$ 2,312,613
Funding Needed	**$ 4,513,268**

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Transportation Grant Match Cost Sharing

Previous Experiences

- County/Private Development
  - Benn's Grant Intersection Improvements
  - Nike Park Extended
- County/Town
  - Shiloh Drive Sidewalk
  - Smithfield Sidewalk

Key Features

- VDOT agreements ONLY between State and County
- Funding agreements must commit to any cost overruns required to complete the project
- Construction process must meet VDOT/FHWA specs
- Secondary agreements/MOUs required between County and partners
  - Total funding commitment
  - Collection mechanisms
  - Collection timeline
  - Confirm project admin authority

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Revenue Sharing Grant Match Cost Sharing Scenario

Revenue Sharing Grant Cost Share *$4,513,268 match*					
**revised 08/16/2024*					
		Cost Sharing Scenario #3 8.16.2024		**Cost Sharing Scenario #3 8.16.2024**	
Turner North		*13%*		*$ 586,725*	***Town of Smithfield**
Turner South		*11%*		*$ 496,459*	***IOW County**
Cypress Run South		*20%*		*$ 902,654*	***Town of Smithfield**
Sweetgrass		*12%*		*$ 541,592*	***IOW County**
IOW Middle School		*4%*		*$ 180,531*	***IOW County**
IOW other future growth		*20%*		*$ 902,654*	***IOW County**
Town future growth		*20%*		*$ 902,654*	***Town of Smithfield**
		100%		**$ 4,513,268**	**match requirement**

IOW County CIP		$	1,083,184
IOW County development		$	1,038,052
IOW Grants		$	3,172,244
IOW County Total		**$**	**5,293,480**
Smithfield CIP		$	902,654
Smithfield development		$	1,489,378
Smithfield Total		**$**	**2,392,032**

Next Steps

Revenue Sharing Award Agreement has been received (08/01/2024)

- IOW acceptance required in 90 days (11/01/24)
- PE FY27, CON FY29
- Strong opportunity to advance PE/CON

1. **Accept funds**
   - Develop MOUs with private and Town partners
   - Organize collection mechanisms
   - Negotiate possible project advancement

2. **Do Not Accept funds**
   - VDOT cancels project, funds go to other locality
   - Individual developers TIA will be required to address overall needs in Master Plan with each submittal
   - Community background needs (75% of impacts) via other applications
     - Funding cycles are currently FY30-FY34

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Questions?

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