Turner Drive Intersection Improvements Project

Revenue Sharing Grant Award

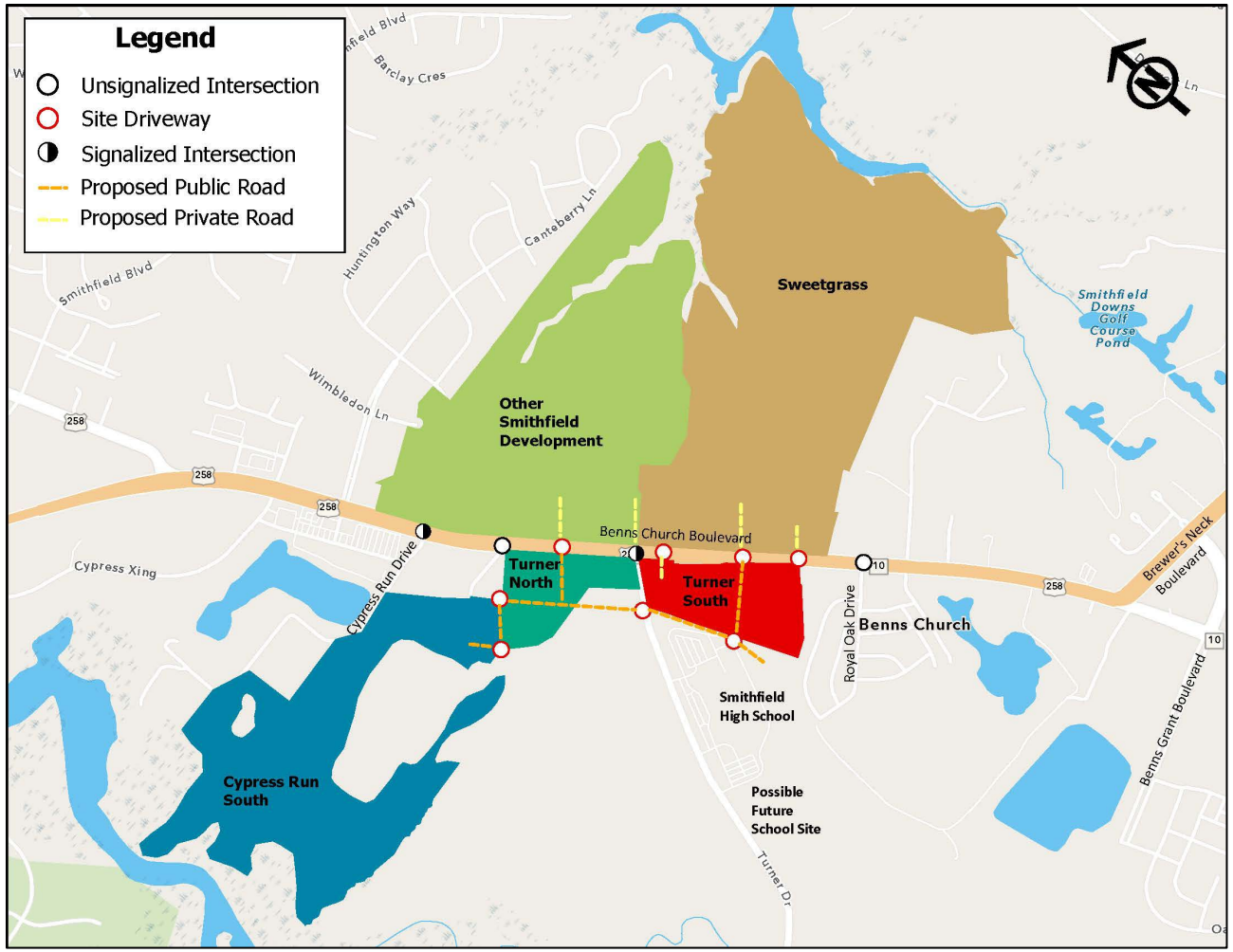
Board of Supervisors Work session

September 5, 2024

Local Roots, Global Reach

TRANSPORTATION

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.

Local Roots, Global Reach
TRANSPORTATION

Small Area/Master TIA Key Recommendations

- 2025 *(only Turner North and South blocks)*
  - Turn lane improvements needed north and south on Rt 10
  - Turn lane improvements needed on Turner
  - Single lane roundabout needed
- 2029 *(additional Turner North and South + Sweetgrass, School and 50% other)*
  - Signal at Sweetgrass/Rt 10 intersection
  - 2nd left turn lane at Rt 10/Turner
- 2045 *(all blocks full development)*
  - Widen Rt 10 to 6 lanes

Local Roots, Global Reach
TRANSPORTATION

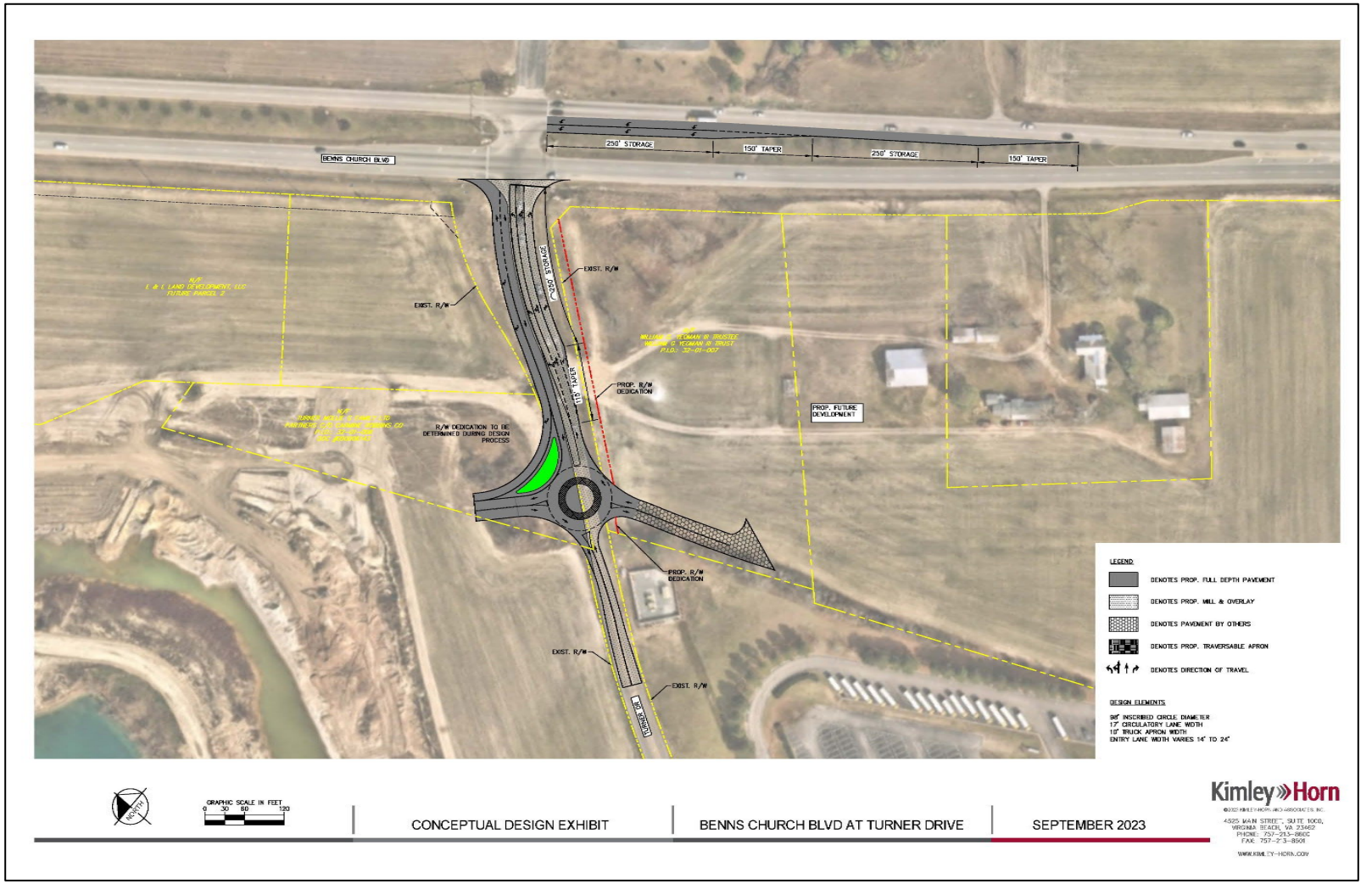
Revenue Sharing 2023 Application

- 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**

Local Roots, Global Reach
TRANSPORTATION

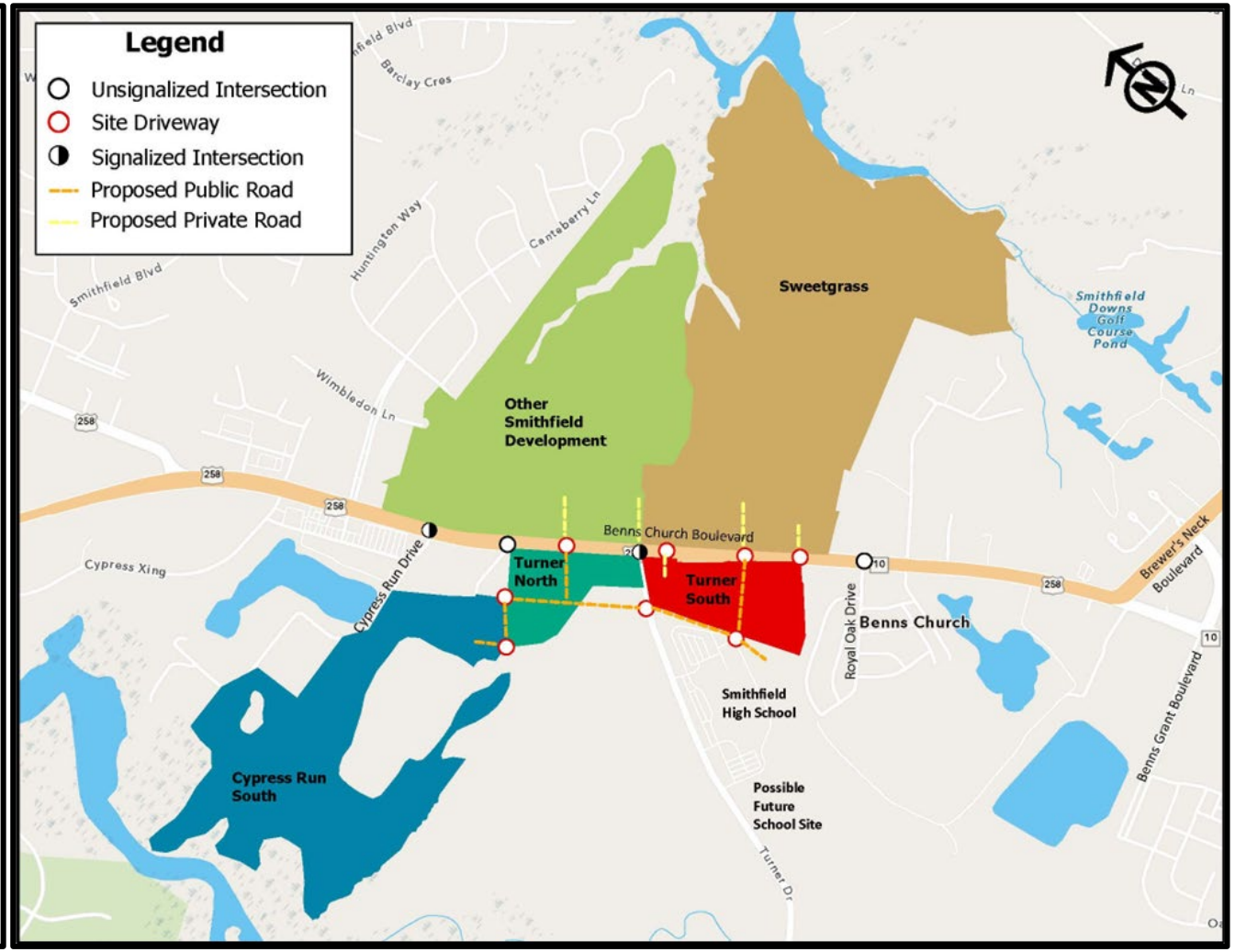
Revenue Sharing 2023 Application



Local Roots, Global Reach
TRANSPORTATION

Revenue Sharing Grant and Cost Sharing

Benns Church/Turner Dr Improvements					
2029 Build Out Scenario (per page 43-44, Figure 5, Master Plan)					
traffic disbursal values					
	Contribution as % of total *(PM Peak)*		**Contribution as % of New Dev ONLY** *(PM Peak)*		**Contribution % as $ of total Funding Needed**
Turner North	3%		13%		$ 586,725
Turner South	4%		17%		$ 767,256
Cypress Run South	3%		13%		$ 586,725
Sweetgrass	8%		33%		$ 1,489,378
IOW Middle School	1%		4%		$ 180,531
Other Smfd Dev *(at 50% bld out in 2029)*	5%		21%		$ 947,786
			100%		**$ 4,558,401**
Background Traffic	*76%*				
	100%				
Total New Dev	**24%**				
Background	76%				
	100%				



Revenue Sharing Grant and Cost Sharing

Rev Shar Grant Cost Sharing Scenarios											
Amount needed = $4,513,268											
(09/05/2024)											
	TIA (Scenario #1)		**TIA (Scenario #1)**		**Private (Scenario #2)**	**Private (Scenario #2)**		**New (Scenario #3)**		**New (Scenario #3)**	**Land Use Authority**
Turner North	13%		$ 586,725		13%	$ 600,000		*13%*		*$ 586,725*	***IOW County**
Turner South	17%		$ 767,256		9%	$ 400,000		*11%*		*$ 496,459*	***Town of Smithfield**
Cypress Run South	13%		$ 586,725		24%	$ 1,059,000		*20%*		*$ 902,654*	***Town of Smithfield**
Sweetgrass	33%		$1,489,378		11%	$ 500,000		*12%*		*$ 541,592*	***IOW County**
IOW Middle School	4%		$ 180,531		17%	$ 785,000					
IOW Middle School								*4%*		*$ 180,531*	***IOW County**
IOW other future growth								*20%*		*$ 902,654*	***IOW County**
Other Smfd Dev ***(at 50% bld out in 2029)***	21%		$ 947,786		26%	$ 1,156,000					
Town future growth								*20%*		*$ 902,654*	***Town of Smithfield**
								100%		**$ 4,513,268**	**match requirement**

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
   - IOW can pursue background needs via other applications
     - Funding cycles are currently FY30-FY34

Local Roots, Global Reach
TRANSPORTATION

Questions?

Local Roots, Global Reach
TRANSPORTATION