

*SOUTHERN SHORES PLANNING ADVISORY GROUP
TRANSPORTATION PROJECT ~ Statement-of-Work as of 2/17/09*

PURPOSE AND OBJECTIVES

The objective of the Planning Advisory Group Transportation Team is to create and maintain a LR Comprehensive Transportation Plan for the Town of Southern Shores.

The primary purpose of the LR Transportation Plan is to provide a policy framework for decision making by the Town Council regarding transportation strategy, traffic control, public safety and/or transportation infrastructure (roads, bridges and/or multi-use paths located within the Town's rights-of-way).

The range of transportation related actions the team will consider in formulating this LR Comprehensive Plan include:

- Town Council Resolutions.
- Ordinances that deal with roadway engineering standards, classifications and official boundary maps for the Town rights-of-way (ROW).
- Ordinances and or policies that deal with public safety, traffic controls and enforcement.
- Programs and/or projects that deal with traffic control, public safety and transportation infrastructure (roads, bridges and/or multi-use paths within the Town's rights of way).

STATEMENT-OF-WORK

The Town of Southern Shores has a number of unresolved transportation issues.

- Cut-thru traffic
- Interconnectivity of roadways
- Establishing and enforcing consistent speed limits by class of road
- Parking issues including an imbalance between the demand for versus the capacity for side of the road parking and the level of parking violations both in season and off season
- Need for maintenance and upgrading of town owned roads and bridges
- Stormwater management issues and their potential relationship to roads projects
- Overall transportation system design and its ability to meet current and future needs
- Community interest in multi-use pathways to accommodate pedestrians, bicycles, low speed vehicles including electric golf carts and pedal powered vehicles.
- Pedestrian safety
- Emergency vehicle access and evacuation
- Streetscapes and the aesthetics of TOSS owned rights-of-way
- Community involvement in transportation planning and decision making

DEVELOPMENT OF A LR TRANSPORTATION PLAN

The development of a LR Comprehensive Transportation Plan for Southern Shores will generally follow a five step process. Depending on urgency, some issues may move through this process ahead of others.

1. Define and analyze the issues within the context of TOSS's overall "transportation system" needs both now and in the future.
2. Assess the urgency and magnitude of each issue based on its impact on property owners, residents and the Town as a whole.
3. Identify and evaluate alternative actions that the Town Council might take in order to resolve current issues and, where appropriate, to upgrade TOSS's overall "transportation system" to better meet both current and expected future needs.
4. Formulate recommendations and present them to the Planning Board and the community for comment and feedback.
5. Revise recommendations as appropriate and submit them to the Town Council.

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TASKS AND RESPONSIBILITIES

	LEAD RESPONSIBILITY
TRANSPORTATION NEEDS ANALYSIS	
Define current traffic volumes (traffic count data for motorized vehicles moving within and through TOSS) and estimated changes in this traffic volume over the next 15-20 years both in season and off season.	D. Kole
Define the level of current demand and estimated changes in this demand over the next 15-20 years for TOSS roads, bridges and pathways to accommodate low speed vehicles including street legal golf carts, electric vehicles, mopeds, bicycles and other pedal powered devices both in season and off season.	K. Stroud
Define the level of current demand and estimated changes in this demand over the next 15-20 years for TOSS roads, bridges and pathways to accommodate pedestrians both in season and off season?	?
TRANSPORTATION SYSTEM STRATEGY	
Define the core principles and policies for transportation planning within Southern Shores. These principles and policies will include, but not be limited to, design guidelines that address: <ul style="list-style-type: none"> • A hierarchy of road classes • Roadway interconnectivity within Southern Shores and between TOSS roadways and state owned roadways such as NC 12. • Generally accepted traffic engineering principles and practices • Pedestrian and low speed vehicle pathways • Transportation system performance criteria for: general property access, emergency vehicle access, public safety, pedestrian safety, emergency evacuation and streetscape aesthetics. 	M. Florez
Design a “target transportation system” that will safely and efficiently move the expected volumes of motor vehicles, pedestrians and low speed vehicles within and through Town both in season and off season.	M. Florez
Compare TOSS’s current “transportation system” to the “target system” and develop the action programs and projects required to upgrade the current system to the target system. Where possible, action programs and projects will be grouped into three scenarios: i.e., the basic changes required to ensure public safety; the changes required to upgrade Southern Shores to a middle of the pack transportation system; and the changes required for Southern Shores to become a recognized leader in municipal transportation.	M. Florez
Review existing programs and enhance or add to them as appropriate to influence NC DOT decisions regarding the Mid-Currituck Bridge and potential future widening of NC 12 consistent with the 2005-2006 LR Plan.	B. Palombo
TRANSPORTATION INFRASTRUCTURE PROJECTS	
Assess the adequacy & physical condition of TOSS owned roads & bridges to meet current and future demand	D. Peckens
Assess the adequacy & physical condition of TOSS multi-use paths to meet current and future demand	K. Stroud
Interdependencies and potential synergies with TOSS Stormwater	J. Russell

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Management LR Plan and action items.	
Identify and prioritize the projects required to create and/or maintain TOSS roads & bridges consistent with each of the transportation system design scenarios.	D. Peckens K. Stroud J. Russell
PUBLIC SAFETY, TRAFFIC CONTROL & ENFORCEMENT PROGRAMS	
Estimate the volume of motor vehicle “cut through” traffic both in and out of season. Analyze alternative traffic control measures (i.e., no thru traffic signs, reduced vehicle weight limits, no left turn restrictions, reduced speeds, speed bumps, etc.) and rank them according to enforceability; cost to implement and effectiveness in reducing cut-thru traffic and increasing public safety.	B. Palombo
Estimate the number and severity of speeding violations within Southern Shores in season and off season. Analyze alternative traffic control measures and rank them in terms of their ability to: reduce speeding violations, increase public safety; be consistently enforced and estimate the cost to implement each measure.	D. Kole
Adequacy of pedestrian options and protections	D. Kole
Adequacy of parking options within TOSS rights of way	D. Kole
TRANSPORTATION CAPITAL IMPROVEMENTS	
What information must accompany any transportation program or project proposal in order for it to be considered in the next CIP cycle	B. Gleason