



# Cobb County Department Of Transportation



Cobb County...Expect the Best!

<b>Cobb County PEACH Roads Project Sustainability Rating System Scorecard v 2.1.0</b>				<b>POINTS</b>		Project: <input type="text"/>		Element Specific? <input type="checkbox"/>	
#REF!	#REF!	#REF!	#REF!	Available	Scored	No. <input type="text"/>	Type: <input type="text"/>		
						Contact Name: <input type="text"/>	Ph #: <input type="text"/>		

CATEGORY	ID	DESCRIPTION	Available	Scored	INSTRUCTIONS	EXPLANATION OR COMMENTS (optional)
S-1 Alignment Selection	S-1a	Avoidance of previously undeveloped lands (open spaces or "greenfields").	2		<= Please enter 0 or 2	
	S-1b	Selecting an alignment that establishes a minimum 100-foot buffer zone between the edge of pavement and a natural watercourse or significantly sized natural wetland to serve the purpose of stormwater filtration.	2		<= Please enter 0 or 2	
	S-1c	Alignments which minimize overall construction "footprint." Examples: use of retaining walls, selecting design option with minimal footprint.	2		<= Please enter 0 or 2	
	S-1d	Design vertical alignments which minimize total earthwork. (Applicable only for projects modifying existing vertical alignments.)	1		<= Please enter 0 or 1	
	S-1e	Adjust alignment to avoid or minimize impacts to social/environmental resources (avoidance of parklands, wetlands, historic sites, farmlands, residential and commercial buildings, etc.).	1		<= Please enter 0 or 1	
	S-1f	Alignments that optimize benefits among competing constraints. (The goal is not always the minimum-length alignment, but the one with the best benefit overall.)	1		<= Please enter 0 or 1	
	S-1g	Micro-adjustments that do not compromise safety or operation but make the difference in providing sufficient clear area for tree planting.	1		<= Please enter 0 or 1	
	S-1h	Clear zones seeded with seed mixtures that help to reduce maintenance needs and increase carbon sequestration.	1		<= Please enter 0 or 1	
	S-1i	Provide a depressed roadway alignment.	1		<= Please enter 0 or 1	
	S-1j	Use of launched soil nails as a more cost effective option to stabilize a slope rather than, for example, closing a road to construct a retaining wall which may negatively affect traffic flow and neighboring properties.	1		<= Please enter 0 or 1	
	S-2 Context Sensitive Solutions	S-2a	Adjust or incorporate highway features to respond to the unique character or sense of place (both natural and built) of the area ("Unique character" means whatever identifiable elements make a place distinctive, memorable, important to the community, etc. - landmarks, views, historic bridges & buildings, parkways, characteristic use of materials, a notable stand of trees, etc.).	2		<= Please enter 0 or 2
S-2b		Incorporate local or natural materials for substantial visual elements (e.g., bridge fascia, retaining walls).	2		<= Please enter 0 or 2	
S-2c		Visual enhancements (screening objectionable views, strategic placement of vegetation, enhancing scenic views, burying utilities, etc.).	2		<= Please enter 0 or 2	
S-2d		Period or community appropriate street furniture/lighting/appurtenances.	1		<= Please enter 0 or 1	
S-2e		Inclusion of visually-contrasting (colored and/or textured) pedestrian crosswalk treatments.	1		<= Please enter 0 or 1	
S-2g		Inclusion of aesthetics in bridge design.of the NYS Bridge Manual.	1		<= Please enter 0 or 1	
S-2h		Site materials selection & detailing to reduce overall urban "heat island" effect.	1		<= Please enter 0 or 1	

Sustainable Sites (S)

<b>Cobb County PEACH Roads Project Sustainability Rating System Scorecard v 2.1.0</b>				<b>POINTS</b>		Project:		Element	
#REF!	#REF!	#REF!	#REF!	Available	Scored	No.	Type:	Specific?	
						Contact Name:	Ph #:		

CATEGORY	ID	DESCRIPTION	Available	Scored	INSTRUCTIONS	EXPLANATION OR COMMENTS (optional)	
Sustainable Sites (S)	S-2i	Permanently protect viewsheds via environmental or conservation easements.	1		<= Please enter 0 or 1		
	S-2j	Color anodizing of aluminum elements (ITS cabinets, non-decorative light poles, etc.)	1		<= Please enter 0 or 1		
	S-2k	Decorative bridge fencing (in lieu of standard chain link).	1		<= Please enter 0 or 1		
	S-2l	Use of concrete form liners (for bridge approach barriers, parapet walls, retaining walls, noise walls, bridge piers & abutments, etc.)	1		<= Please enter 0 or 1		
	S-2m	Imprinted concrete/asphalt mow strips, gores and medians/islands.	1		<= Please enter 0 or 1		
	S-3 Land Use/ Community Planning	S-3a	Use of more engaging public participation techniques (e.g. charette, task force).	2		<= Please enter 0 or 2	
		S-3b	Enhanced outreach efforts (e.g. newsletters, project-specific Web page, etc.)	2		<= Please enter 0 or 2	
		S-3c	Projects better enabling use of public transit (e.g. bus shelters, 'Park & Ride').	2		<= Please enter 0 or 2	
		S-3d	Projects applying "Walkable Communities" and/or "Complete Streets" concepts.	2		<= Please enter 0 or 2	
		S-3e	Projects that increase transportation efficiencies for moving freight through features such as dedicated rail or intermodal facilities or the use of unit trains to remove trucks from highways and conserve fuel.	2		<= Please enter 0 or 2	
		S-3f	Project-specific formal agreement with public or private entities enabling environmental betterment, technological advancement, or financial assistance or relief to the Department.	2		<= Please enter 0 or 2	
		S-3g	Project is consistent with local and regional plans beyond those generated by the ARC or the local MPO; (e.g., waterfront revitalization plans, greenway plans, the Scenic Byway program, and other statewide non-transportation plans with regional components) and/or local Smart Growth-based master/ comprehensive plans.	2		<= Please enter 0 or 2	
		S-3h	Project reports and community outreach materials available online other than the standard project specific web page.	1		<= Please enter 0 or 1	
S-3j		Establishment of a new recreational access facility (trailhead parking, boat launch, info/map kiosk, etc.).	2		<= Please enter 0 or 2		
S-3k		Establishment of a new recreational facility (pocket park, roadside overlook, roadside picnic rest area, etc.).	2		<= Please enter 0 or 2		
S-3l	Enhancement of an existing recreational facility or enhancement of an existing recreational facility access.	1		<= Please enter 0 or 1			
S-4 Protect, Enhance or Restore Wildlife Habitat	S-4a	Mitigation of habitat fragmentation through use of significant techniques such as consolidated stream, wetland or ecological mitigation areas, or creation of dedicated "eco viaducts." (Raised roadways that serve to avoid impacts to ecologically important areas such as rare plant communities, diminishing habitats and wildlife migration corridors.)	3		<= Please enter 0 or 3		
	S-4b	Providing for enhancements to existing wildlife habitat (e.g. bird & bat houses, nesting boxes, nesting areas, avoiding sensitive habitat, etc.).	2		<= Please enter 0 or 2		
	S-4c	Partial mitigation of habitat fragmentation through techniques (United States Army Corp of Engineers (USACE) regional conditions) such as over-sizing culverts to accommodate aquatic and non-aquatic species passage.	2		<= Please enter 0 or 2		
	S-4d	Use of natural-bottomed culverts.	2		<= Please enter 0 or 2		

<b>Cobb County PEACH Roads Project Sustainability Rating System Scorecard v 2.1.0</b>				<b>POINTS</b>		Project: <input type="text"/>		Element Specific? <input type="checkbox"/>	
#REF!	#REF!	#REF!	#REF!	Available	Scored	No. <input type="text"/>	Type: <input type="text"/>		
						Contact Name: <input type="text"/>	Ph #: <input type="text"/>		

CATEGORY	ID	DESCRIPTION	Available	Scored	INSTRUCTIONS	EXPLANATION OR COMMENTS (optional)	
Sustainable Sites (S)	S-4e	Wildlife crossings that are structures that allow for the safe passage of wildlife across highways without their crossing directly on the roadway. Examples include wildlife overpass/underpass and amphibian tunnels.	2		<= Please enter 0 or 2		
	S-4f	Wetland restoration, enhancement, or establishment that is above and beyond what is required to obtain a wetland-related permit.	2		<= Please enter 0 or 2		
	S-4g	Minimize use of lands that are part of a significant contiguous wildlife habitat.	1		<= Please enter 0 or 1		
	S-4h	Use of wildlife mortality reduction measures such as right-of-way fence, deer signs, etc.	1		<= Please enter 0 or 1		
	S-4k	Stream restoration/enhancement.	1		<= Please enter 0 or 1		
	S-4l	Installation of mowing markers to protect natural areas and wetlands.	1		<= Please enter 0 or 1		
	S-4m	Inclusion of scheduling and logistic requirements to avoid disrupting wildlife nesting or breeding activities.	1		<= Please enter 0 or 1		
	S-4n	Permanently protects the new or expanded habitat.	1		<= Please enter 0 or 1		
	S-5	S-5a	Avoidance/protection of significant contiguous stands of established, desirable trees/veg communities, especially those showing signs of self-regeneration.	2		<= Please enter 0 or 2	
	Protect, Plant or Mitigate for Removal of Trees & Plant Communities	S-5b	Designs which demonstrate, through a combination of preservation and new planting, an anticipated ultimate (new trees at projected maturity) net increase in tree canopy cover within the project limits.	2		<= Please enter 0 or 2	
		S-5c	Re-establishment or expansion of native vegetation into reclaimed work areas or abandoned roadway alignments. (e.g. native seed mixes, "re-forestation" approach w/ multiple seedlings rather than traditional large nursery stock, etc.).	2		<= Please enter 0 or 2	
		S-5d	Use of trees, large shrubs or other suitable vegetation.	2		<= Please enter 0 or 2	
		S-5e	Use of native species for seed mixes and other plantings.	1		<= Please enter 0 or 1	
		S-5f	Avoidance/protection of individual significant trees and localized areas of established desirable vegetation.	1		<= Please enter 0 or 1	
S-5g		Designs which demonstrate, through a combination of preservation and new planting, no ultimate (new trees at projected maturity) net loss of tree canopy within the project limits (minimum one-to-one replacement of trees lost) or, if overall available planting area has been reduced, mitigation with trees to the extent possible (either on or off-site) for trees lost.	1		<= Please enter 0 or 1		
S-5h		Planting trees, shrubs and/or plant material in lieu of traditional turf grass.	1		<= Please enter 0 or 1		
S-5i		Removal of undesirable plant species, in particular removal/burial of invasive species, to preserve desirable overall species diversity.	1		<= Please enter 0 or 1		
S-5j		Preserving, replacing, or enhancing vegetation associated with historic properties or districts, or which maintain the character of unique areas.	1		<= Please enter 0 or 1		
Water Quality (W)		W-1	W-1a	Improve water quality and/or nearby habitat through the use of stormwater retrofitting, stormwater crediting strategies, stream restoration, additional wetland protection, and inclusion of permanent stormwater mgt practices.	2		<= Please enter 0 or 2
	W-1b	Detecting and eliminating any non-stormwater discharges from unpermitted sanitary or other residential, commercial or industrial sources that enter the Right-Of-Way or flows that ultimately discharge to the ROW.	2		<= Please enter 0 or 2		

<b>Cobb County PEACH Roads Project Sustainability Rating System Scorecard v 2.1.0</b>				<b>POINTS</b>		Project:		Element Specific?	
#REF!	#REF!	#REF!	#REF!	Available	Scored	No.	Type:		
						Contact Name:	Ph #:		

CATEGORY	ID	DESCRIPTION	Available	Scored	INSTRUCTIONS	EXPLANATION OR COMMENTS (optional)	
Water Quality	W-1c	Demonstrate, through the use of models, a reduction of pollutant loadings to adjacent water resources by the use of Best Management Practices (BMPs).	2		<= Please enter 0 or 2		
	W-1d	Reduction in overall impervious area (post-project impervious surface area to be less than existing).	2		<= Please enter 0 or 2		
	W-1f	Requirements for staged construction so that less than five acres of bare soil are exposed at any given time and site runoff is controlled.	1		<= Please enter 0 or 1		
	W-1g	Detecting and documenting non-stormwater discharges from unpermitted sanitary or other residential, commercial or industrial sources that enter the right-of-way or flows that ultimately discharge to the right-of-way but which cannot be eliminated for reasons beyond our control.	1		<= Please enter 0 or 1		
Water Quality (W) W-2 Best Management Practices (BMPs)	W-2a	Design features that make use of highly permeable soils to remove surface pollutants from runoff through infiltration trenches or basins, bioretention cells or rain gardens, grass buffers and stormwater wetlands that treat water quality and water quantity requirements in accordance with GA DOT .	2		<= Please enter 0 or 2		
	W-2b	Use of other structural BMPs including wet or dry swales, sand filters, filter bags, stormwater treatment sys (e.g., oil/grit separators and hydrodynamic devices), underground detention systems or catch basin inserts.	2		<= Please enter 0 or 2		
	W-2d	Minimize the project's overall impervious surface area increase.	1		<= Please enter 0 or 1		
	W-2e	Include grass channels, where appropriate.	1		<= Please enter 0 or 1		
	W-2f	Designate qualified environmental construction monitor to provide construction oversight in sensitive environmental areas.	2		<= Please enter 0 or 2		
Materials & Resources (M)	M-1 Reuse of Materials	M-1a	Specify that 75% or more of topsoil removed for grading is reused on site.	2		<= Please enter 0 or 2	
		M-1b	Design the project so that "cut-and-fills" are balanced to within 10 percent.	2		<= Please enter 0 or 2	
		M-1c	Reuse of excess fill ("spoil") within the project corridor to minimize project site material in and material out.	2		<= Please enter 0 or 2	
		M-1d	Specify rubblizing or crack and seating of Portland Cement Concrete pavement.	2		<= Please enter 0 or 2	
		M-1e	Reuse of previous pavement as subbase during full-depth reconstruction projects.	2		<= Please enter 0 or 2	
		M-1f	Arranging for the reuse of excess excavated material, asphalt pavement millings, or demolished concrete by another municipality or state agency.	2		<= Please enter 0 or 2	
		M-1g	Specify the processing of demolished concrete to reclaim scrap metals and to create a usable aggregate material.	2		<= Please enter 0 or 2	
		M-1h	Salvaging removed trees for lumber or similar uses other than standard wood-chipping.	2		<= Please enter 0 or 2	
		M-1i	Use surplus excavated material on nearby state highways for slope flattening to eliminate guide rail or as fill in areas designated by Park officials as acceptable for spoil disposal.	2		<= Please enter 0 or 2	
		M-1j	Use surplus excavated material, demolished concrete, or millings at nearby abandoned quarries to help fulfill an approved EPD approved reclamation plan.	2		<= Please enter 0 or 2	
		M-1k	Specify that 50% or more of topsoil removed for grading is reused on site.	1		<= Please enter 0 or 1	
M-1l	Design the project so that cut and fills are balanced to within 25 percent.	1		<= Please enter 0 or 1			

<b>Cobb County PEACH Roads Project Sustainability Rating System Scorecard v 2.1.0</b>				<b>POINTS</b>		Project:		Element	
#REF!	#REF!	#REF!	#REF!	Available	Scored	No.	Type:	Specific?	
						Contact Name:	Ph #:		

CATEGORY	ID	DESCRIPTION	Available	Scored	INSTRUCTIONS	EXPLANATION OR COMMENTS (optional)	
Materials & Resources (M)	Material	M-1m	Reuse (i.e., remove and reset versus remove and replace) of granite curbing.	1		<= Please enter 0 or 1	
		M-1n	Reuse of elements of the previous structure (stone veneer, decorative railing, etc.).	1		<= Please enter 0 or 1	
		M-1o	Designing an on-site location for chipped wood waste disposal from clearing and grubbing operations.	1		<= Please enter 0 or 1	
		M-1p	Specifying the recycling of chipped untreated wood waste for use as mulch and/or ground cover. (Pressure/preservative-treated or painted/coated wood cannot be used as mulch and must be disposed properly).	1		<= Please enter 0 or 1	
		M-1q	Project documents make scrap metals available for reuse or recycling.	1		<= Please enter 0 or 1	
		M-1r	Identify approved, environmentally acceptable and permitted sites in the contract documents for the disposal of surplus excavated material.	1		<= Please enter 0 or 1	
		M-1s	Obtain and implement a project specific EPD Beneficial Use Determination for the innovative re-use of otherwise waste material from a location within EPD approval.	1		<= Please enter 0 or 1	
		M-1t	Specify the salvage/moving of houses rather than demo for disposal in landfills.	1		<= Please enter 0 or 1	
		M-1u	Reuse of major structural elements such as bridge piers, bridge structure, etc. if warranted and appropriate and does not compromise the feature life cycle.	2		<= Please enter 0 or 2	
	M-2 Recycled Content	M-2a	Use tire shreds in embankments.	2		<= Please enter 0 or 2	
		M-2b	Use recycled plastic extruded lumber or recycled tire rubber (e.g. for noise barriers).	2		<= Please enter 0 or 2	
		M-2c	Specify hot-in-place or cold-in-place recycling of hot mix asphalt pavements.	2		<= Please enter 0 or 2	
		M-2d	Specify use of recycled glass in pavements and embankments, as drainage material or filter media where adequate local sources can be obtained.	2		<= Please enter 0 or 2	
		M-2e	Specify asphalt pavement mixes containing Recycled Asphalt Pavement (RAP).	2		<= Please enter 0 or 2	
		M-2f	Specify PCC pavement mixes containing Recycled Concrete Aggregate (RCA).	2		<= Please enter 0 or 2	
		M-2g	Use crumb rubber or recycled plastic for noise barrier material.	2		<= Please enter 0 or 2	
		M-2h	Use of porous pavement systems in light duty situations (e.g. sidewalks, truck turnarounds, rest stops, parking lots, police turnarounds).	2		<= Please enter 0 or 2	
	M-3 Local Materials	M-3a	Specify locally available natural light weight fill. Contact Geotechnical staff to help in locating these materials.	2		<= Please enter 0 or 2	
M-3b		Specify local seed stock and plants.	2		<= Please enter 0 or 2		
M-4 Bio-engineering Techniques	M-4a	Project designs that utilize soil bioengineering treatments (the reliance on plant material for slope protection, rebuilding, stabilization, and erosion control) along water bodies/wetlands.	2		<= Please enter 0 or 2		
	M-4b	Project designs utilizing soil biotechnical engineering treatments (combination of plant materials and structural elements to achieve slope protection, rebuilding, stabilization, and erosion control) along water bodies/wetlands. Examples are: vegetated crib wall, vegetated gabion, and vegetated mats.	2		<= Please enter 0 or 2		
	M-4c	Projects using targeted biological control methods to reduce invasive species.	2		<= Please enter 0 or 2		

<b>Cobb County PEACH Roads Project Sustainability Rating System Scorecard v 2.1.0</b>				<b>POINTS</b>		Project:		Element	
#REF!	#REF!	#REF!	#REF!	Available	Scored	No.	Type:	Specific?	
						Contact Name:	Ph #:		

CATEGORY	ID	DESCRIPTION	Available	Scored	INSTRUCTIONS	EXPLANATION OR COMMENTS (optional)	
Materials & Resources (M)	M-4d	Project designs utilizing soil biotechnical engineering treatments (combination of plant materials and structural elements to achieve slope protection, rebuilding, stabilization, and erosion control) NOT along water bodies or wetlands. Examples include vegetated: crib walls, gabions, Geosynthetic Reinforced Earth Systems (GRES), geocells, and mats.	1		<= Please enter 0 or 1		
	M-4e	Project designs that utilize soil bioengineering treatments or soil biotechnical engineering treatments in upland areas.	1		<= Please enter 0 or 1		
	M-5 Hazardous Material Minimization	M-5a	Project design substantially minimizes the need to use hazardous materials (e.g. steel or conc RR ties instead of treated wood), or increases the interval before reconstruction must be performed using hazardous or toxic materials, or improves durability of components containing hazardous substances.	2		<= Please enter 0 or 2	
		M-5b	Project design specifies less hazardous materials or avoids generating contaminated wastes by reducing the volatile organic compounds (VOCs) or hazardous air pollutants (HAPs) emitted during project construction (e.g., use of non-solvent traffic or bridge paints, lower VOC/nonhazardous air pollutant bridge deck sealers) and by eliminating or reducing toxic metals/components.	2		<= Please enter 0 or 2	
		M-5c	Removing and disposing of contaminated soils beyond what is necessary for project construction.	2		<= Please enter 0 or 2	
Energy & Atmosphere (E)	E-1 Improved Traffic Flow	E-1a	Special use lane (HOV/Reversible/Bus Express).	3		<= Please enter 0 or 3	
		E-1b	Innovative interchange design and/or elimination of freeway bottlenecks (diverging diamond, single point urban).	3		<= Please enter 0 or 3	
		E-1c	Specify new roundabout(s).	3		<= Please enter 0 or 3	
		E-1d	Implementation of a robust Traffic Management Center / Traveler Information System operation (e.g., TMC, CCTV, VMS freeway detection, ramp metering, road weather info system and/or weigh in motion devices, travel time signs).	3		<= Please enter 0 or 3	
		E-1e	Installation of a closed-loop coordinated signal system.	2		<= Please enter 0 or 2	
		E-1f	Installation of a transit express system (queue jumper, pre-emptive signals, etc)	2		<= Please enter 0 or 2	
		E-1g	Expansion of a Traffic Management Center / Traveler Information System operation; for example increasing system coverage significantly (installation of new CCTV, VMS, freeway detection, ramp metering, road weather information system and/or weigh in motion devices, travel time signs, etc.).	2		<= Please enter 0 or 2	
		E-1h	Implementation of a corridor-wide access management plan.	2		<= Please enter 0 or 2	
		E-1i	Limiting/consolidating access points along highway.	1		<= Please enter 0 or 1	
		E-1j	Improving a coordinated signal system and other signal timing and detection systems.	1		<= Please enter 0 or 1	
		E-1k	Adding bus turnouts.	1		<= Please enter 0 or 1	
		E-1l	Installing higher capacity controllers (model 2070s) with features to improve flow and reduce delay at intersections.	1		<= Please enter 0 or 1	
		E-1m	Infill and/or preparation for Traffic Management/Traveler Information System operation (installation of VMS, CCTV, etc.) with existing system coverage to increase or improve density of devices, installation of conduit in anticipation of future Traffic Management/Traveler Information System need, etc.	1		<= Please enter 0 or 1	

<b>Cobb County PEACH Roads Project Sustainability Rating System Scorecard v 2.1.0</b>				<b>POINTS</b>		Project:		Element	
#REF!	#REF!	#REF!	#REF!	Available	Scored	No.	Type:	Specific?	
							Contact Name:	Ph #:	

CATEGORY	ID	DESCRIPTION	Available	Scored	INSTRUCTIONS	EXPLANATION OR COMMENTS (optional)	
Energy & Atmosphere (E)	E-1n	Inclusion of an integrated traffic/incident management/traveler information systems or strategies to manage traffic during construction (queue or speed warning, VMS with real time construction information, tow/HELP vehicles on site/standby, CCTV monitoring of construction zone, etc.).	1		<= Please enter 0 or 1		
	E-1o	Installation of isolated systems to provide for spot warning (queue warning, truck rollover, low bridge, no trucks allowed, etc.).	1		<= Please enter 0 or 1		
	E-1p	Road Diet (reduction of travel lanes to incorporate a single bidirectional center turn lane and wider right-hand lanes to accommodate bicycles).	2		<= Please enter 0 or 2		
	E-2 Reduce Electrical Consumption	E-2a	Solar/battery powered street lighting or warning signs.	2		<= Please enter 0 or 2	
		E-2b	Replace overhead sign lighting with higher type retro-reflective sign panels.	2		<= Please enter 0 or 2	
		E-2c	Use of LED street lighting.	2		<= Please enter 0 or 2	
		E-2d	Solar bus stops.	2		<= Please enter 0 or 2	
		E-2e	Use of LED warning signs/flashing beacons	1		<= Please enter 0 or 1	
		E-2e	Retrofit existing street/sign lighting with high efficiency types.	1		<= Please enter 0 or 1	
	E-3 Reduce Petroleum Consumption	E-3a	Provide new Park & Ride lots.	3		<= Please enter 0 or 3	
		E-3b	Provide new intermodal connections.	3		<= Please enter 0 or 3	
		E-3c	Increase bicycle amenities at Park & Rides and transit stations (bike lockers/shelters, Web-based reservations system for lockers, providing showers or partnering with health clubs for these services).	2		<= Please enter 0 or 2	
		E-3e	Operational improvements of an existing Park & Ride lot.	1		<= Please enter 0 or 1	
E-3f		Improve an existing intermodal connection (e.g. add BRT station, kiosks, etc.).	1		<= Please enter 0 or 1		
E-3g		Reduce mowing areas outside of the clear zone, reestablishing natural ground cover and/or seeding with low maintenance seed species. Example: Incorporation of Conservation Alternative Mowing Practices (CAMPS) techniques/guidance into design plans.	1		<= Please enter 0 or 1		
E-3h		Use of warm mix asphalt.	1		<= Please enter 0 or 1		
E-3i		Documented analysis proving the project design reduces either the Department's or the local community's carbon footprint (Send analysis to the PEACH Roads Program Manager for determination of eligibility).	1		<= Please enter 0 or 1		
E-3j		Documented analysis proving the Work Zone Traffic Control scheme chosen is the alternative that overall requires the least amount of petroleum (Send analysis to the PEACH Roads Program Manager for determination of eligibility).	1		<= Please enter 0 or 1		
E-3k		Improved shading through vegetation at Park & Ride lots to cut down on heat island effect and the use of automotive air conditioning by waiting motorists.	1		<= Please enter 0 or 1		
E-4 Improve	E-4a	New grade-separated (bridge or underpass) bike/pedestrian crossing structure (this item is not for replacements or rehabs).	3		<= Please enter 0 or 3		

<b>Cobb County PEACH Roads Project Sustainability Rating System Scorecard v 2.1.0</b>				<b>POINTS</b>		Project:		Element	
#REF!	#REF!	#REF!	#REF!	Available	Scored	No.	Type:	Specific?	
						Contact Name:	Ph #:		

CATEGORY	ID	DESCRIPTION	Available	Scored	INSTRUCTIONS	EXPLANATION OR COMMENTS (optional)
Bicycle & Pedestrian Facilities	E-4b	Separate bike lane at intersection.	2		<= Please enter 0 or 2	
	E-4c	New separated bike path or shoulder widening to provide for on-road bike lane.	2		<= Please enter 0 or 2	
	E-4d	Create new or extend existing sidewalks.	2		<= Please enter 0 or 2	
	E-4e	New pedestrian signals.	2		<= Please enter 0 or 2	
	E-4f	Align roadway and other highway features/structures within ROW as to enable future development of separated multi-use paths or other bike/ped facilities.	2		<= Please enter 0 or 2	
	E-4g	Work with local communities to create parallel bike routes where state roads are not suitable for less experienced cyclists.	2		<= Please enter 0 or 2	
	E-4h	Sidewalk or bikeway rehabilitation, widening, realignment or repair.	1		<= Please enter 0 or 1	
	E-4i	Upgrading pedestrian signals - inclusion of pedestrian buttons and/or addition of audible signal, countdown timers.	1		<= Please enter 0 or 1	
	E-4j	Installation of bikeway signs, "Share the Road" signs, and/or <i>Sharrow</i> (shared lane) pavement markings.	1		<= Please enter 0 or 1	
	E-4k	Shoulder restoration for bicycling.	1		<= Please enter 0 or 1	
	E-4l	Inclusion of five-rail bridge rail system for bicyclists.	1		<= Please enter 0 or 1	
	E-4m	Installation of permanent bicycle racks.	1		<= Please enter 0 or 1	
	E-4n	New crosswalks.	1		<= Please enter 0 or 1	
	E-4o	New curb bulb-outs.	1		<= Please enter 0 or 1	
	E-4p	New raised medians/pedestrian refuge islands.	1		<= Please enter 0 or 1	
	E-4q	New speed hump/speed table/raised intersection.	1		<= Please enter 0 or 1	
	E-4r	New curbing (where none previously existed), to better define the edge of a roadway and to provide vertical separation of pedestrian facilities; does not include flush, mountable or bridge curbing.	1		<= Please enter 0 or 1	
	E-4s	New or relocated highway barrier or repeating vertical elements (trees, lampposts, bollards, rural mailboxes, etc) between roadway & walk/bikeway to better separate/delineate motorized and non-motorized travel ways.	1		<= Please enter 0 or 1	
	E-4t	Installation of bicycle detectors (quadropoles) at signalized intersections.	1		<= Please enter 0 or 1	
	E-4u	"All Stop" phase programmed into a traffic signal and/or button actuated "No Turn on Red" LED sign.	1		<= Please enter 0 or 1	
E-4v	Permanent digital "Your Speed is XX" radar speed reader signs.	1		<= Please enter 0 or 1		
E-4w	Overhead flashing beacon, lighted "Crosswalk" sign, half signal, or pedestrian hybrid ('hawk') signal at pedestrian crossing.	1		<= Please enter 0 or 1		
E-4x	Advanced warning of crosswalk with signs and yield pavement markings (white triangles).	1		<= Please enter 0 or 1		

Energy & Atmosphere (E)

<b>Cobb County PEACH Roads Project Sustainability Rating System Scorecard v 2.1.0</b>				<b>POINTS</b>		Project: <input type="text"/>		Element Specific? <input type="checkbox"/>	
#REF!	#REF!	#REF!	#REF!	Available	Scored	No.	Type:		
						Contact Name:	Ph #:		

CATEGORY	ID	DESCRIPTION	Available	Scored	INSTRUCTIONS	EXPLANATION OR COMMENTS (optional)	
Energy & Atmosphere (E)	E-4y	In street plastic pylon "State law - Yield to Pedestrians within Crosswalk" signs and/or pedestrian self service crosswalk flags.	1		<= Please enter 0 or 1		
	E-4z	Use of durable cast iron detectible warning units embedded in concrete (rather than surface applied polyurethane, stamped concrete, concrete brick, etc.).	1		<= Please enter 0 or 1		
	E-4aa	Add/replace crosswalks with high visibility, reduced wear, staggered ladder bar crosswalks (a modified Type L which avoids wheel paths, and is sometimes referred to as a 'piano key' type crosswalk).	1		<= Please enter 0 or 1		
	E-5 Noise Abatement	E-5a	Construction of a new noise barrier.	2		<= Please enter 0 or 2	
		E-5b	Incorporate traffic system management techniques to reduce prior noise levels (e.g. use of truck routes, progressive traffic signals, lowering speeds).	2		<= Please enter 0 or 2	
		E-5c	Provide a buffer zone for adjacent receptors.	2		<= Please enter 0 or 2	
		E-5d	Provide sound insulation to public schools.	2		<= Please enter 0 or 2	
		E-5e	Diamond grinding of existing Portland Cement Concrete (PCC) pavement.	1		<= Please enter 0 or 1	
		E-5f	Rehabilitation of an existing noise wall.	1		<= Please enter 0 or 1	
		E-5g	Berms designed to reduce noise.	1		<= Please enter 0 or 1	
		E-5h	Provide planting to improve perceived noise impacts.	1		<= Please enter 0 or 1	
	E-6 Stray Light Reduction	E-6a	Retrofit existing light heads with full cut-offs.	2		<= Please enter 0 or 2	
		E-6c	Use cut-offs on new light heads.	1		<= Please enter 0 or 1	
Incorporation of <i>new or improved</i> ways to provide a more environmentally, economically and/or socially sustainable transportation system (subject to review by PEACH Roads Review Team). <i>Up to 4 pts total.</i>							
I-1 Innovation	I-1a		4		<= Please enter 0,1,2,3 or 4		
Incorporation of items/methods into the project which might contribute to sustainability <i>but are not specifically listed above</i> (subject to review by PEACH Roads Review Team). <i>Up to 2 pts each, no total limit.</i>							
I-2 Unlisted (I)	I-2a		2		<= Please enter 0, 1 or 2		
Incorporation of items from the <u>GDOT Context Sensitive Design Manual</u> which are not specifically covered under items listed above (list Page & Section #'s in the description). <i>Up to 3 pts total.</i>							

Cobb County PEACH Roads Project Sustainability Rating System Scorecard v 2.1.0			POINTS		Project:		Element Specific?		
#REF! #REF! #REF! #REF!			Available	Scored	No.	Type:			
					Contact Name:	Ph #:			
CATEGORY	ID	DESCRIPTION			INSTRUCTIONS	EXPLANATION OR COMMENTS (optional)			
I-3 GDOT Context Sensitive Design Manual	I-3a		1		<= Please enter 0 or 1				
			Total points scored:		0	#REF!	#REF!		