Multi-use path engineering

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Multi-Use paths and facilities
Typical multi-use path section

NOTE:
CROSS SLOPES SHALL NOT EXCEED 2.0% (1/4" PER FOOT) FOR PAVED SURFACES, SHOULders, AND CLEAR ZONE.

SEE CROSS SECTIONS FOR CROSS SLOPES.

6" GRADED AGGREGATE BASE
2" RECYCLED ASPHALTIC CONCRETE 9.5 MM SUPERPAVEx
4" GRADED AGGREGATE BASE
Figure 9B-1. Sign Placement on Shared-Use Paths

NOTE:
1. PATH SHOULD BE DESIGNED TO AASHTO GUIDE FOR DEVELOPMENT OF BICYCLE FACILITIES (LATEST EDITION).
2. GRADE AREAS OUTSIDE OF CLEARANCE ZONE AS NEEDED FOR PROPER DRAINAGE.
3. LONGITUDINAL SLOPE SHOULD MEET ADA STANDARDS.
4. PATHS SHOULD BE SIGNED ACCORDING TO MUTCD (LATEST EDITION).
Golf cart parking

Golf Cart Parking Space

High School parking lot
Completed path projects
Flat Creek multi-use bridge path connections

Crossing creeks and wetlands
SR 54 W/ CSX multi-use bridge path connections

Getting across State Highway 54 and CSX RR
Paschall tunnel multi-use path connections
Getting across State Highway 74 and up to the Post Office
Even though golf carts are slower than cars... it does not make them safer.
When bad weight distribution happens to good people.

Guess we should have put a barrier there.
Obstacles & Accidents

User error or a very strong wind. You decide.

The blindfold dare was a BAD idea.
Just because it has a roof, does NOT mean it has roll over protection.

This driver truly couldn't see the forest through the trees.
Obstacles & Accidents

Potholes work on golf carts too.

Never let that one friend borrow your golf cart. You know who yours is.
Obstacles & Accidents

Do not let golf carts travel on the road – this is what a Dodge Ram can do at 40 mph.

Yes, you can get a DUI on a golf cart.
Obstacles & Accidents

Yes, those are spinners on the wheels. Yes, there should be wheel stops for carts too.

Golf carts should not exceed 25 mph… excessive speed is dangerous.
You should design your paths for everyone... but there is a limit.

Golf carts are not 4x4s... But they can be.

Modified Carts
## What’s allowed and not allowed on the path?

### ALLOWED
- Pedestrians
- Non-motorized vehicles
- Roller skates, skateboards
- Registered Golf Carts
- Registered low speed motor vehicles (LSMVs)
- Authorized/Emergency vehicles
- Bicycles
- Wheelchairs
- Electric Personal assistive mobility devices (EPAMDs)
- Segways

### PROHIBITED
- Automobiles & trucks
- Motorcycles & mopeds
- Horses
- Go-carts
- Unregistered golf carts
- Electric or motorized scooters
- ATVs, etc – any vehicle designed to go faster than 20 mph.
Modified Carts

Convertible Hummer
Buick Lucerne
Porsche Cayenne
Chevy Pickup
Unusual Carts

- Segway Puma
- Armored Golf Cart
- Motorcycle Golf Cart
- Portable Sound Golf Cart
- 1957 Chevy
Yes. Even the Batmobile is subject to Peachtree City path rules.

The “Tumbler” from Batman Begins movie
Future Design Challenges
SR 74 N multi-use bridge & path connections
Crossing State Highways
SR 54 E/Lake Peachtree multi-use bridge replacement
Replacing aging facilities
Widen Bridge to 14’

SR 54 E/Lake Peachtree multi-use bridge replacement
Replacing aging facilities
Flat Creek Nature Area (FAA Connection)

Using sewer easements to relieve rush hour traffic
SR 54 W multi-use bridge and gateway feature

Elevated approaches to bridge

McIntosh Village Shopping

Line Creek Nature Area
MacDuff Pkwy multi-use path connections

Installing path connections after land is developed
MacDuff Pkwy extension
Developer to install path