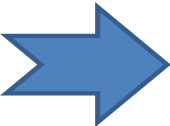# Expanding the Use of Transit Feed Applications for Deviated Fixed Route Service

NJTPA DO/IT Planning Tools Expo
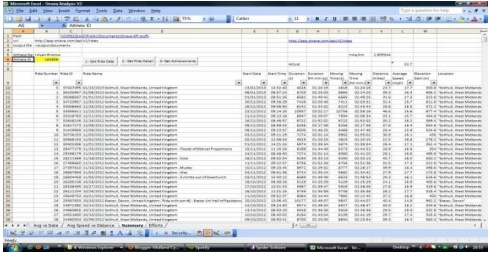
March 31, 2015

TRANSPORTATION OPTIONS WORKFLOW

Information on Transportation Options

Standardize Data

End-User Information Delivery

Open Source Data
General Transit Feed Specification (GTFS)

USING ESTABLISHED, NEW AND EMERGING TECHNOLOGY

Developing a Transit Feed Specification

- Identifies the nodes (bus stops and time-points) and travel time between nodes
- Often county planning or IT staff have the skills to develop the transit feed specification
- Requires transportation staff who developed the route to work closely with staff developing the feed specification and provide updates

Advantages of General Transit Feed Specification (GTFS)

- Enables multiple applications for transit mapping to access route data
- Major players include Google Transit, Apple and Microsoft Bing (HERE)
- Reach a broader potential user market

Value to Community Transit

- Reach new members of general public
- Particularly reach younger demographic
- Provide better customer service

Current County Systems

- Bur-Link (Burlington)   Google Transit Feed
- MCAT (Middlesex)   Google Transit Feed
- Sussex County Transit   Google Transit Feed
- DASH/SCOOT/CAT   R BUS Somerset

New Projects in Progress

- Cumberland   Cumberland OET
- Salem   Salem-Pureland Shuttle   (Midlantic)
- Atlantic   Egg Harbor Shuttle   (SJTA)
- Atlantic   English Creek Shuttle   (SJTA)
- Gloucester   Pureland Shuttle   (SJTA)

Cross County Connection is preparing to develop GTFS for these services over next year

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