



TDP Financial Plan

October 13, 2009



Presentation Overview

- **TDP Costs Meet Revenues**
- **What Has Changed?**
- **10-Year TDP Financial Plan**
- **TDP Financial Planning Tool**



TDP Costs Meet Revenues

- **Costs become a factor**
- **Match costs with available \$\$\$**
- **Project costs**
- **Identify resources**
- **What is affordable**
- **When to implement**



What Has Changed?

- **FDOT Requirements**
 - **10-year horizon**
 - **Both major & minor updates**
- **Funding Picture**
 - **Less transit \$\$\$**
 - **New sources**



10-Year TDP Financial Plan

- **Develop assumptions**
- **Develop & project costs**
- **Identify & project revenues**
- **Summarize costs & revenues**
- **Identify surplus/shortfall**
- **Identify unfunded needs**



TDP Financial Planning Tool

- **Excel Spreadsheet Format**
- **Seven Components**
 - **Inputs/assumptions**
 - **Service plan**
 - **Implementation plan**
 - **Operating cost element**
 - **Capital cost element**
 - **Revenue element**
 - **Final summary**



TDP Financial Planning Tool

- Assumptions
 - Operating/capital cost assumptions
 - Cost per hour & mile
 - Different modes
 - Inflation rates
 - TDP base & future year



TDP Financial Planning Tool

- Assumptions

| Table | Cost For | Notes/Source |
|---|----------|-------------------|
| Fixed-Road Operating Cost per Revenue Hour | 2008 | Indicate Source/s |
| Fixed-Road Operating Cost per Revenue Mile | \$100 | Indicate Source/s |
| ADA Paratransit Operating Cost per Revenue Hour | \$50 | Indicate Source/s |
| ADA Paratransit Operating Cost per Revenue Mile | \$5 | Indicate Source/s |
| Van Pool Operating Cost per Revenue Hour | \$50 | Indicate Source/s |
| Van Pool Operating Cost per Revenue Mile | \$5 | Indicate Source/s |
| Other Mode Operating Cost per Revenue Hour | \$50 | Indicate Source/s |
| Other Mode Operating Cost per Revenue Mile | \$5 | Indicate Source/s |
| Operating Costs Inflation Rate | 3.0% | Indicate Source/s |
| Capital Cost Inflation Rate | 5.0% | Indicate Source/s |

Enter Current Year: 2008
Enter TDP Base Year: 2009



TDP Financial Planning Tool

- **Service Plan**
 - Uses service hours, miles, frequencies
 - Annual operating costs
 - Maintain existing & add new service
 - New improvements
 - Modes – bus, commuter rail, trolley
 - Other services – ADA, vanpool, etc.



TDP Financial Planning Tool

- **Service Plan**
 - **Step 1: Enter projects**
 - **Step 2: Choose description**
 - **Step 3: Enter service data**

Table 1
Fixed/Route/ADA/Other Service Characteristics
Florida Transit TDP Update

| Service Type/Mode | Description | Weekday/Weekend | | | Holiday | | | Night | | | Annual Operating Cost (\$M) | Annual Operating Cost (\$K) |
|-------------------|-------------|-----------------|---------|---------|---------|---------|-------|---------|---------|---------|-----------------------------|-----------------------------|
| | | Weekday | Weekend | Holiday | Weekday | Weekend | Night | Weekday | Weekend | Holiday | | |
| Fixed/Route | Fixed/Route | | | | | | | | | | | |
| ADA | ADA | | | | | | | | | | | |
| Other | Other | | | | | | | | | | | |



TDP Financial Planning Tool

- **Service Plan**

| Service Type/Mode | Description | Headway (minutes) | | | Revenue Hours | | | Revenue Miles | | |
|-------------------------------|---|-------------------|----------|--------|---------------|----------|--------|---------------|----------|--------|
| | | Weekday | Saturday | Sunday | Weekday | Saturday | Sunday | Weekday | Saturday | Sunday |
| Maintain Existing Fixed Route | Fixed Gateway | | | | | | | | | |
| Route #1 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | 0.00 | 0.00 | 0.00 | 5.00 | 5.00 | 5.00 |
| Route #2 | Route Reassignment | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #3 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #4 | Maintain Existing ADA Paratransit Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #5 | Decrease Hours of Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #6 | Add New Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #7 | Expand Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #8 | Service for New/Expanded Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #9 | Expand Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #10 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #11 | Maintain Existing ADA Paratransit Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #12 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #13 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #14 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #15 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #16 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #17 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #18 | Maintain Existing ADA Paratransit Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #19 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #20 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #21 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #22 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #23 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #24 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #25 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #26 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #27 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #28 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #29 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |
| Route #30 | Maintain Existing Fixed Route Service | 60 | 60 | 60 | | | | 5.00 | 5.00 | 5.00 |



TDP Financial Planning Tool

- **Implementation Plan**
 - Service improvements
 - Timeline by improvement
 - Base for operating & capital costs



TDP Financial Planning Tool

- Implementation Plan

| Service Type/Mode | Description | Implement when Year | Annual Operating Cost 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---------------------|----------------------------|------|------|------|------|------|------|
| Maintain Existing Fixed Routes/Transit Gateway | | | | | | | | | |
| Route #1 | Maintain Existing Fixed Route Service | 2009 | \$1,700 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #2 | Route Realignments | 2009 | \$9,400 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #3 | Maintain Existing Fixed Route Serv | 2009 | \$93,810 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #4 | Maintain Existing Fixed Route Serv | 2009 | \$15,360 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #5 | Maintain Existing Fixed Route Serv | 2009 | \$13,900 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #6 | Maintain Existing Fixed Route Serv | 2009 | \$11,450 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #7 | Maintain Existing Fixed Route Serv | 2009 | \$16,000 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #8 | Maintain Existing Fixed Route Serv | 2009 | \$44,400 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #9 | Maintain Existing Fixed Route Service | 2009 | \$20,000 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #10 | Maintain Existing Fixed Route Service | 2009 | \$21,800 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #11 | Maintain Existing ADA Paratransit Service | 2009 | \$23,170 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #12 | Maintain Existing Fixed Route Service | 2009 | \$24,720 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #13 | Maintain Existing Fixed Route Service | 2009 | \$26,260 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #14 | Maintain Existing Fixed Route Service | 2009 | \$27,810 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #15 | Maintain Existing Fixed Route Service | 2009 | \$29,360 | Yes | Yes | Yes | Yes | Yes | Yes |
| Route #16 | Maintain Existing Fixed Route Service | 2009 | \$30,910 | Yes | Yes | Yes | Yes | Yes | Yes |



TDP Financial Planning Tool

- Operating Cost Element
 - Populates automatically
 - Uses service plan & assumptions
 - Calculates annual operating costs

| Service Type/Mode | Description | Annual Operating Cost | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | Total |
|---|---|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Maintain Existing Fixed Routes/Transit Gateway | | | | | | | | | | | | | |
| Route #1 | Maintain Existing Fixed Route Service | \$1,700 | \$1,700 | \$1,700 | \$1,700 | \$1,700 | \$1,700 | \$1,700 | \$1,700 | \$1,700 | \$1,700 | \$1,700 | \$17,000 |
| Route #2 | Route Realignments | \$9,400 | \$9,400 | \$9,400 | \$9,400 | \$9,400 | \$9,400 | \$9,400 | \$9,400 | \$9,400 | \$9,400 | \$9,400 | \$94,000 |
| Route #3 | Maintain Existing Fixed Route Service | \$93,810 | \$93,810 | \$93,810 | \$93,810 | \$93,810 | \$93,810 | \$93,810 | \$93,810 | \$93,810 | \$93,810 | \$93,810 | \$938,100 |
| Route #4 | Maintain Existing Fixed Route Service | \$15,360 | \$15,360 | \$15,360 | \$15,360 | \$15,360 | \$15,360 | \$15,360 | \$15,360 | \$15,360 | \$15,360 | \$15,360 | \$153,600 |
| Route #5 | Maintain Existing Fixed Route Service | \$13,900 | \$13,900 | \$13,900 | \$13,900 | \$13,900 | \$13,900 | \$13,900 | \$13,900 | \$13,900 | \$13,900 | \$13,900 | \$139,000 |
| Route #6 | Maintain Existing Fixed Route Service | \$11,450 | \$11,450 | \$11,450 | \$11,450 | \$11,450 | \$11,450 | \$11,450 | \$11,450 | \$11,450 | \$11,450 | \$11,450 | \$114,500 |
| Route #7 | Maintain Existing Fixed Route Service | \$16,000 | \$16,000 | \$16,000 | \$16,000 | \$16,000 | \$16,000 | \$16,000 | \$16,000 | \$16,000 | \$16,000 | \$16,000 | \$160,000 |
| Route #8 | Maintain Existing Fixed Route Service | \$44,400 | \$44,400 | \$44,400 | \$44,400 | \$44,400 | \$44,400 | \$44,400 | \$44,400 | \$44,400 | \$44,400 | \$44,400 | \$444,000 |
| Route #9 | Maintain Existing Fixed Route Service | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$200,000 |
| Route #10 | Maintain Existing Fixed Route Service | \$21,800 | \$21,800 | \$21,800 | \$21,800 | \$21,800 | \$21,800 | \$21,800 | \$21,800 | \$21,800 | \$21,800 | \$21,800 | \$218,000 |
| Route #11 | Maintain Existing ADA Paratransit Service | \$23,170 | \$23,170 | \$23,170 | \$23,170 | \$23,170 | \$23,170 | \$23,170 | \$23,170 | \$23,170 | \$23,170 | \$23,170 | \$231,700 |
| Route #12 | Maintain Existing Fixed Route Service | \$24,720 | \$24,720 | \$24,720 | \$24,720 | \$24,720 | \$24,720 | \$24,720 | \$24,720 | \$24,720 | \$24,720 | \$24,720 | \$247,200 |
| Route #13 | Maintain Existing Fixed Route Service | \$26,260 | \$26,260 | \$26,260 | \$26,260 | \$26,260 | \$26,260 | \$26,260 | \$26,260 | \$26,260 | \$26,260 | \$26,260 | \$262,600 |
| Route #14 | Maintain Existing Fixed Route Service | \$27,810 | \$27,810 | \$27,810 | \$27,810 | \$27,810 | \$27,810 | \$27,810 | \$27,810 | \$27,810 | \$27,810 | \$27,810 | \$278,100 |
| Route #15 | Maintain Existing Fixed Route Service | \$29,360 | \$29,360 | \$29,360 | \$29,360 | \$29,360 | \$29,360 | \$29,360 | \$29,360 | \$29,360 | \$29,360 | \$29,360 | \$293,600 |
| Route #16 | Maintain Existing Fixed Route Service | \$30,910 | \$30,910 | \$30,910 | \$30,910 | \$30,910 | \$30,910 | \$30,910 | \$30,910 | \$30,910 | \$30,910 | \$30,910 | \$309,100 |



TDP Financial Planning Tool

- Capital Cost Element
 - Vehicles & other capital
 - Unit costs

The screenshot displays a detailed financial spreadsheet. The main title is 'Table 3 Capital Needs & Costs for Fixed-Route/ADA Paratransit Services Florida Transit TDP Update'. The spreadsheet is organized into columns for years from 2009 to 2018. Key sections include 'Vehicle Requirements' and 'Support Services'. A large 'Page 1' watermark is visible across the center of the data.



TDP Financial Planning Tool

- Revenue Element
 - Identify sources
 - Enter data

The screenshot shows a revenue data table with columns for 'Operating' and 'Capital' costs for the years 2009, 2010, and 2011. A red circle highlights a list of revenue sources on the left side of the table, including 'Property Tax', 'CD Commission', 'FTA 5306', 'FTA 5309', 'FTA 5311', 'TDF', 'CH2M', 'Enhancement Funds', 'Other Funding', 'Other Revenue 1', 'Other Revenue 2', 'State Bank Grant', 'FDOT Safety', 'FDOT WAGES', and 'FDOT Safety'. The table also includes a 'Total Revenue' row and a 'Surplus/Shortfall' row at the bottom.



TDP Financial Planning Tool

- Final Summary
 - Costs & revenues
 - Shortfall

The screenshot displays two tables from the TDP Financial Planning Tool. Table 6, titled '10-Year TDP Cost Summary Florida Transit TDP Update', shows costs from 2009 to 2018. Table 7, titled '10-Year TDP Revenue Summary Florida Transit TDP Update', shows revenue from 2009 to 2018. Both tables include columns for 'Revenue Sources' and 'Other Revenue'.

| Revenue Sources | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Personnel | 1,100,000 | 1,150,000 | 1,200,000 | 1,250,000 | 1,300,000 | 1,350,000 | 1,400,000 | 1,450,000 | 1,500,000 | 1,550,000 |
| Other Revenue | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |

| Revenue Sources | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Passage | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Other Revenue | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |

So Where Do We Go From Here?

- Use the Tool or Not?
- Keys to a Better Financial Plan
 - Know the service characteristics
 - Have good revenue data
 - Confirm match requirements
 - Use realistic inflation rates

