

DOTS & DASHES – Game Instructions

- 1. Select a leader, select a team name, and complete the Group Survey Sheet**
- 2. Complete the Group Decision Sheet to determine how much to spend on System Improvement versus System Expansion.**
- 3. Spend your System Expansion Budget as a group: starting with the leader and moving clockwise, each player nominates a transit project to be added to the Game Log.**
 - a. Players nominate their own idea or a project from the *Destination 2030* project list.
 - b. Players may skip their turn if they wish (or agree with an already-nominated project), but each group should go around the board twice nominating projects.
- 4. Project costs should be estimated by sketching them out on the game board using a marker and measuring sketched lines with a ruler.**
 - a. Costs per inch for rail and bus are included on the game board's cost menu (remember to double the costs for projects within the center city circle).
 - b. The leader should add up the total estimated cost of all nominated projects on the game log.
 - c. If the total cost is less than the Dots & Dashes System Expansion budget, go around the board again (but you are not required to spend all of your available dollars).
 - c. As projects are eliminated, they should be crossed off your game log.
- 5. Once your group has an agreed set of projects:**
 - a. Complete the 'running total' column on your game log to finalize the spending of Dots & Dashes dollars from your project budget on that project.
 - b. Make your selections final by placing Dots & Dashes stickers on the game board (on top of your sketched marks and lines for those projects).
- 6. Completion: When all the Dots & Dashes Dollars have been spent on your group's decided set of projects, notify a facilitator; everyone in the group should sign/initial your final map and turn in your materials.**

DOTS & DASHES – Group Survey Sheet

Date: _____ Team Name: _____

<p>Zip code of residence _____ (required)</p> <p>Name _____ (optional)</p>
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DOTS & DASHES – Group Decision Sheet

Date: _____ Team Name: _____

Dots & Dashes Dollars budget to spend between now and 2030: \$5.0 Billion

1. Decide as a group how much of your budget, if any, you would like to spend on System Improvements (i.e. improvements to the existing transit system). If you choose to invest money in System Improvements, you need *at least a billion dollars to make a noticeable difference over 20+ years*. Examples include:

- Modern fare systems, including ‘smart cards’
- Fares that can be used on SEPTA, PATCO, and NJ TRANSIT
- Trains and/or buses with more amenities
- Faster or more frequent train and/or bus service
- Real-time information and better signage (e.g. “next bus/train in X minutes”) throughout the system

System Improvements Budget: \$ _____

2. If your group has chosen to allocate money to System Improvements (Step 1), please list up to three (3) priorities for improvements you’d like to see this money spent on:

- _____
- _____
- _____

3. The remaining money after System Improvements (Step 1) are subtracted from the initial \$5 Billion is available for System Expansion. This is the Dots & Dashes budget to be spent over 20+ years on transit system expansion projects such as:

- New rail lines and/or ‘rapid bus’ routes
- New transportation centers
- New stations and/or parking garages

This is your Dots & Dashes System Expansion Budget: \$ _____

Please **carry over this dollar amount to the Game Log** on the next page.

DESTINATION 2030 PROJECT LIST

NOTE: This list is not exhaustive and is not prioritized.

Selected Mass Transit Projects from *Destination 2030*

<i>Facility</i>	<i>Location</i>	<i>Brief Description</i>
Regional Rail (R5)	at Paoli Train Station	Multimodal Center and Access Improvements
West Chester Pike Busway	North Lawrence Rd. to 69th St. Terminal	Reserved Bus Lane
Regional Rail (R1) / Route 36 Transfer Station	Eastwick at Delair	New R1 Station and Route 36 Extension for River Line and Atlantic City Rail Line
Woodbury Transportation Center	Woodbury	to Serve Bus Routes
Delaware River Tram	Philadelphia to Camden	New Aerial Tram
Quakertown Line	Lansdale to Hellertown	New Passenger Rail Line
Regional Rail (R6) / Schuylkill Valley Metro	Norristown to Wyomissing (Phase 1)	Rail Line Extension
Regional Rail (R3)	Elwyn to Wawa	Rail Line Extension
Route 100 Spur	Hughes Park to First Avenue	Rail Line Extension
Broad Street Subway	Pattison Ave. to Navy Yard	Rail Line Extension
NJ Transit US 1 BRT	Central NJ / US 1 BRT	New Bus Rapid Transit Service
Rail line to Gloucester County	Camden / Gloucester Counties	Construct New Rail Line
River Line LRT	Trenton Station to State Capitol	Extend LRT Line

Selected Mass Transit Project Aspirations from *Destination 2030*

<i>Facility</i>	<i>Location</i>	<i>Brief Description</i>
R2 Wilmington/R1 Airport Regional Rail Line	Inbound R2 Service	Improve Connection between R2 and Airport Lines
R2 Regional Rail Line	Warminster to Wycombe	Extend Existing Rail Line
R3 Regional Rail Line	Wawa to West Chester	Extend Existing Rail Line
R5 Regional Rail Line	Thorndale to Atglen	Extend Existing Rail Line
R5 Regional Rail Line	at Downingtown	New Transportation Center & Access Improvements
R5 Regional Rail Line/Route 100	at Junction of Two Rail Lines	Construct a New Consolidated Station
R8 Regional Rail Line	Fox Chase to Newtown	Extend Existing Rail Line
Regional Rail System	Wawa to Painter's Crossroads	Construct New Rail Line
Cross County Metro Phase 1	Thorndale to King of Prussia	Construct New Rail Line
Cross County Metro Phase 2	King of Prussia to Trenton	Construct New Rail Line
Northeast Phila. Rapid Transit Line	Broad St. to Southampton Rd.	Construct New Rail Line
City Branch Line & Historic Trolley	Penn's Landing to 52nd St.	Construct New Rail Line
North Delaware Riverfront Transit	North Delaware Riverfront	Construct New Transit Line
PATCO - Philadelphia Extension	Center City and/or Columbus Blvd.	Construct New Rail Line
Route 100	King of Prussia to Valley Forge	Extend Existing Rail Line
Delaware River Ferry Service	Navy Yard to South Jersey	New Ferry Service
Morrisville Station	NJ Transit Line to Morrisville	Extend Rail Service and Construct Rail Station & Parking
South Phila. to Gloucester Rail Line	Sports Complex/Navy Yard to Gloucester County	Construct New Rail Line
Cape May Seashore Line	Lindenwold to Cape May	Construct New Rail Line
West Trenton to Newark Rail Line	West Trenton to Newark	Construct New Rail Line
I-295/US 130 Corridor	Woodbury to Corporate/Industrial Parks	New Shuttle and Internal Circulator Service

Source: DVRPC, *Destination 2030 Long Range Plan*