2040 Regional Transportation Plan

2015 Update

Improve Quality of Life

Efficiently Transport People

Support Sustainable Economic Development and Goods Movement

Our Town
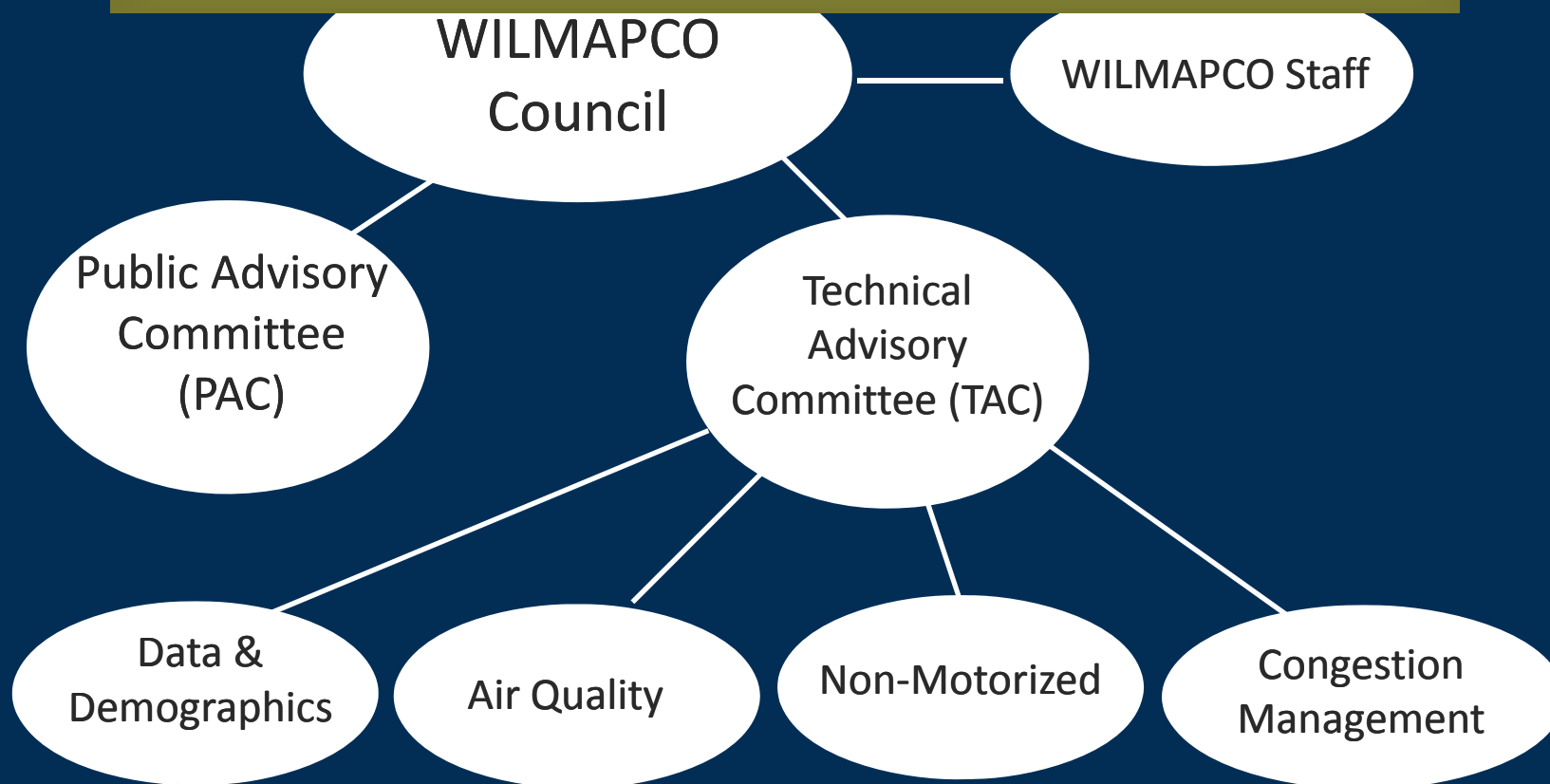September 3, 2014

WILMAPCO

Who is WILMAPCO?

- Metropolitan Planning Organization (MPO):
    - New Castle County, Delaware
    - Cecil County, Maryland

- Federally designated for regional transportation planning

Who is WILMAPCO?

WILMAPCO

PUBLIC

WILMAPCO Council

WILMAPCO Staff

Public Advisory Committee (PAC)

Technical Advisory Committee (TAC)

Data & Demographics

Air Quality

Non-Motorized

Congestion Management

Community Outreach
ongoing

WILMAPCO

Unified Planning Work Program

1 year plan updated annually

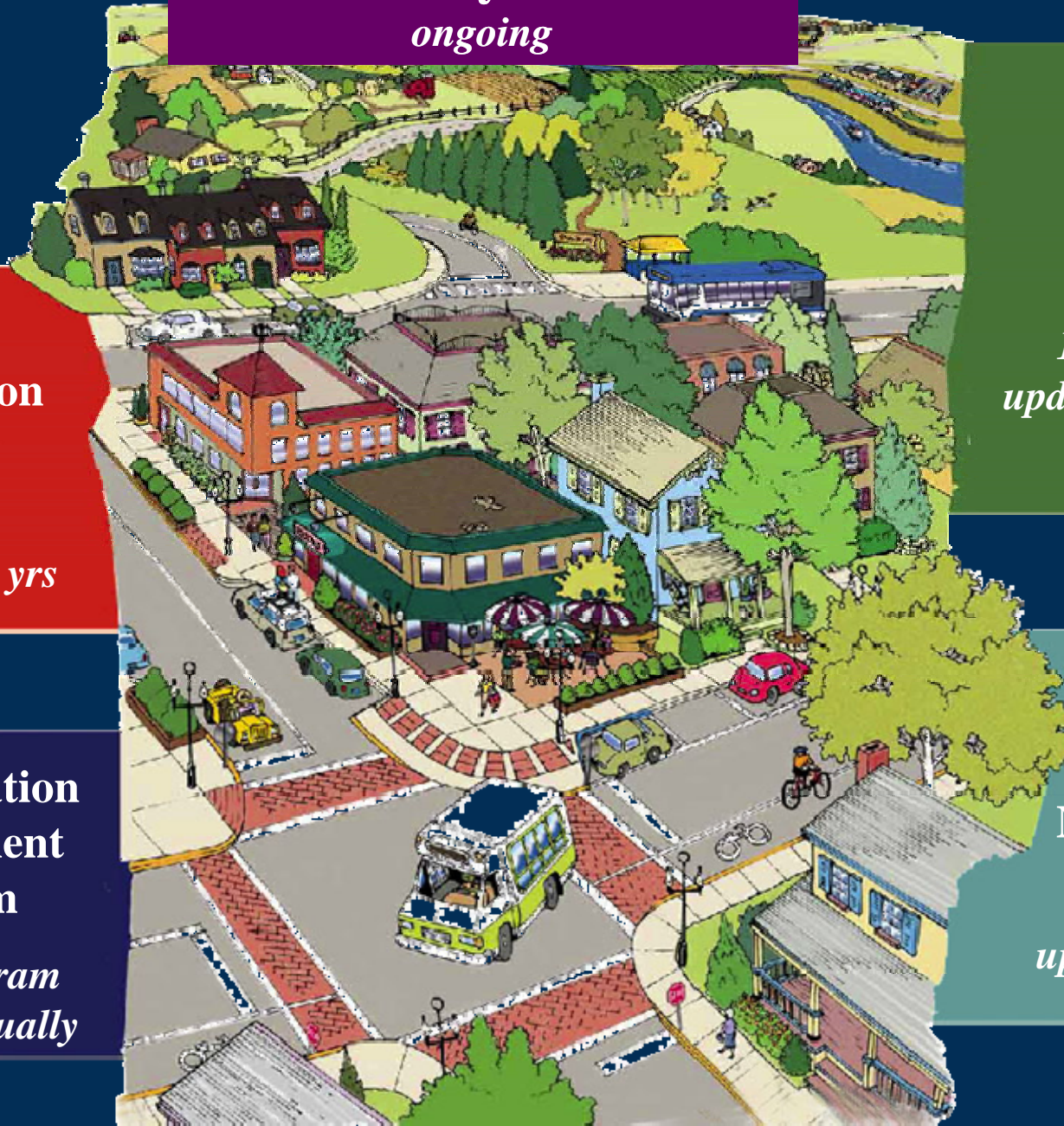**Regional Transportation Plan**

20 year plan updated every 4 yrs

Transportation Improvement Program

4 year program updated annually

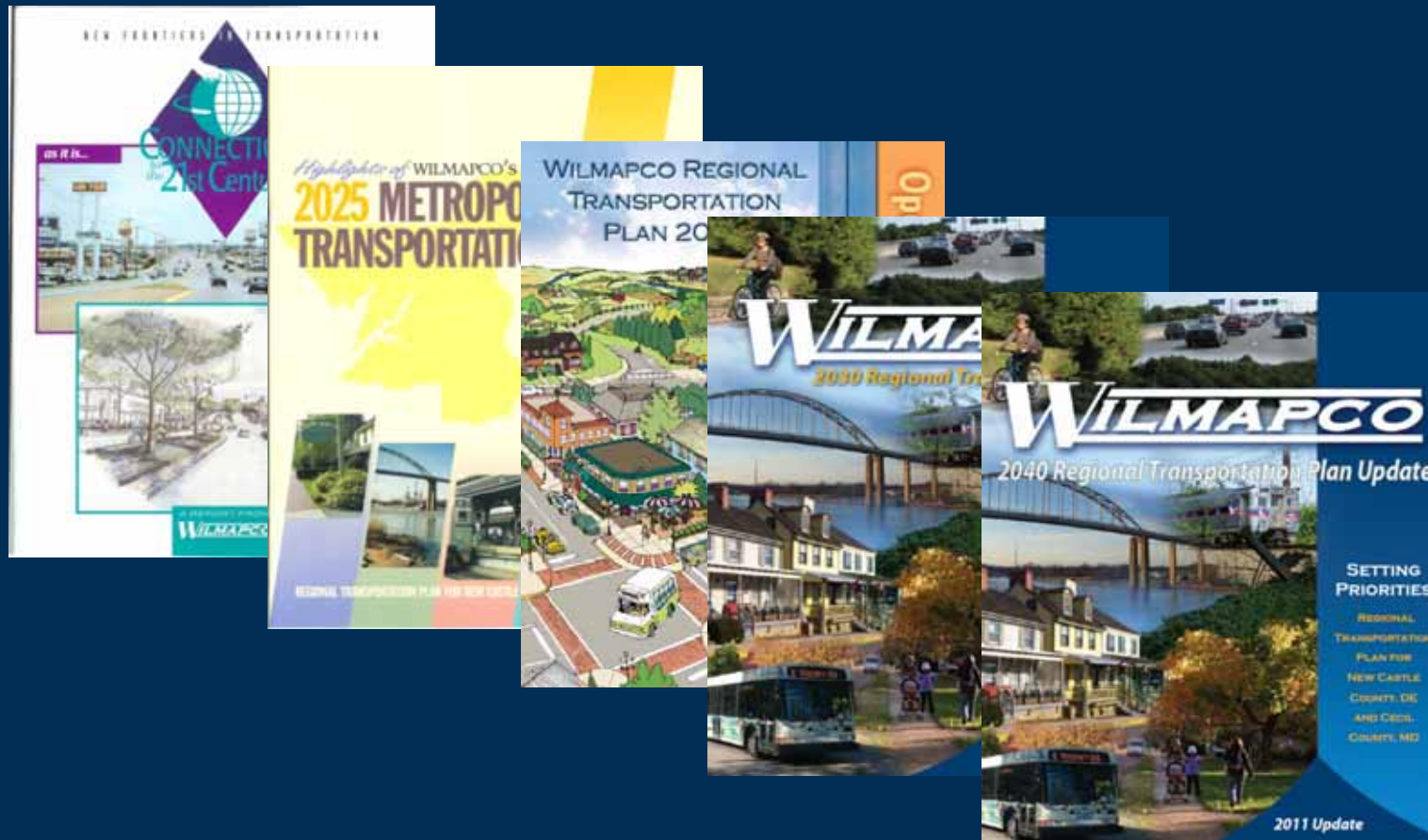**Congestion Management System**

updated annually

Tying our Documents Together

Planning
Regional Transportation Plan

Studies
Corridor/Area Studies (UPWP) & CMS

Implementation
Transportation Improvement Program

Building on 19 Years of Progress

Why are we Updating the Plan?

- Current Plan expires March 2015

- Adopt new Plan every 4 years

  - 20-year planning horizon (MAP-21)

Therefore, WILMAPCO must:

- Adopt new Plan that goes beyond 2035
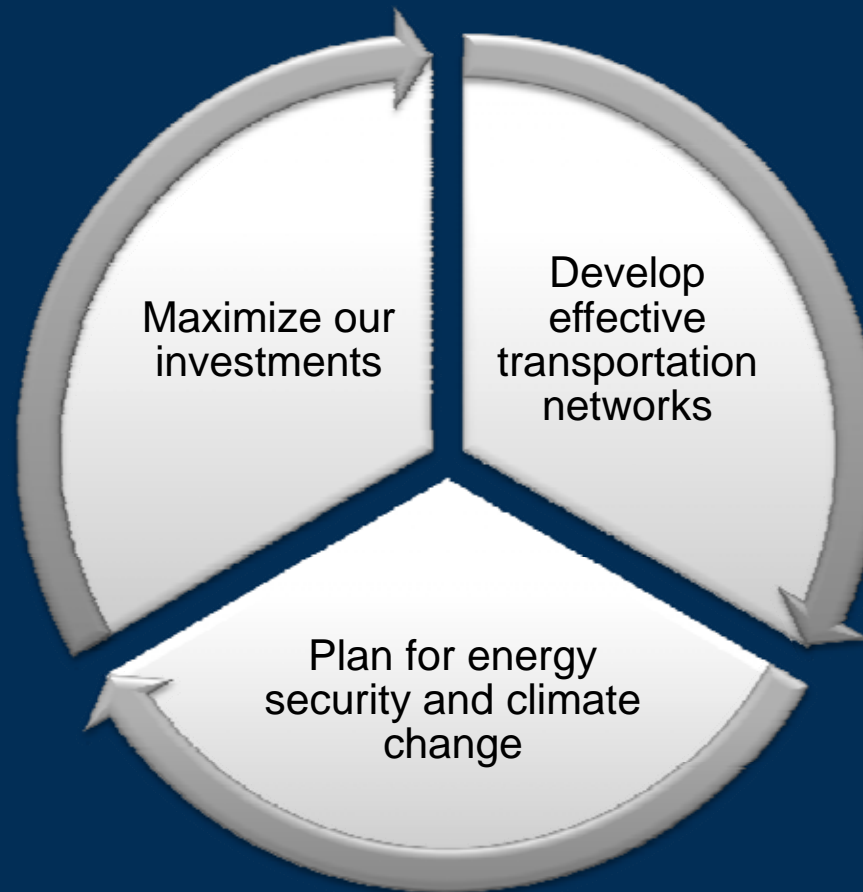
- Complete prior to March 2015

2040 RTP Goals & Objectives

- Three broad, overlapping Goals

- Each Goal has Objectives

- Each Objective has Actions

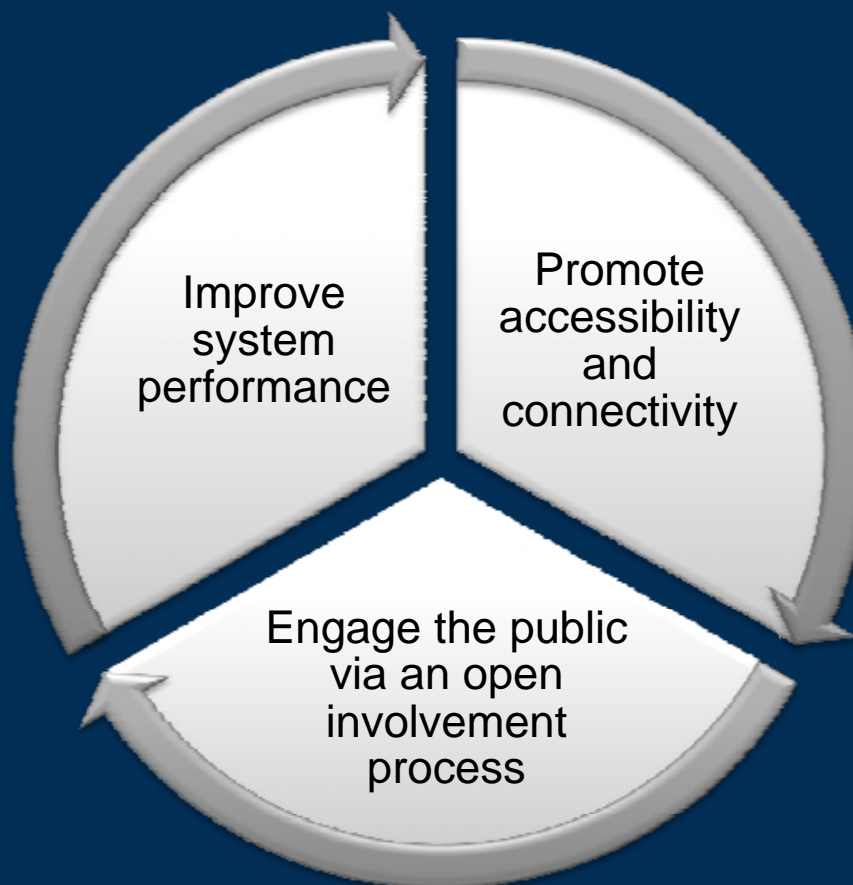- Each Action has a Potential Performance Measure(s)

2040 RTP Goals & Objectives

Support Sustainable Economic Development and Goods Movement

2040 RTP Goals & Objectives

Efficiently Transport People

2040 RTP Goals & Objectives

Improve Quality of Life

Protect public health and safety

Promote active transportation

Preserve natural and cultural resources

Ensure transportation choice and equity
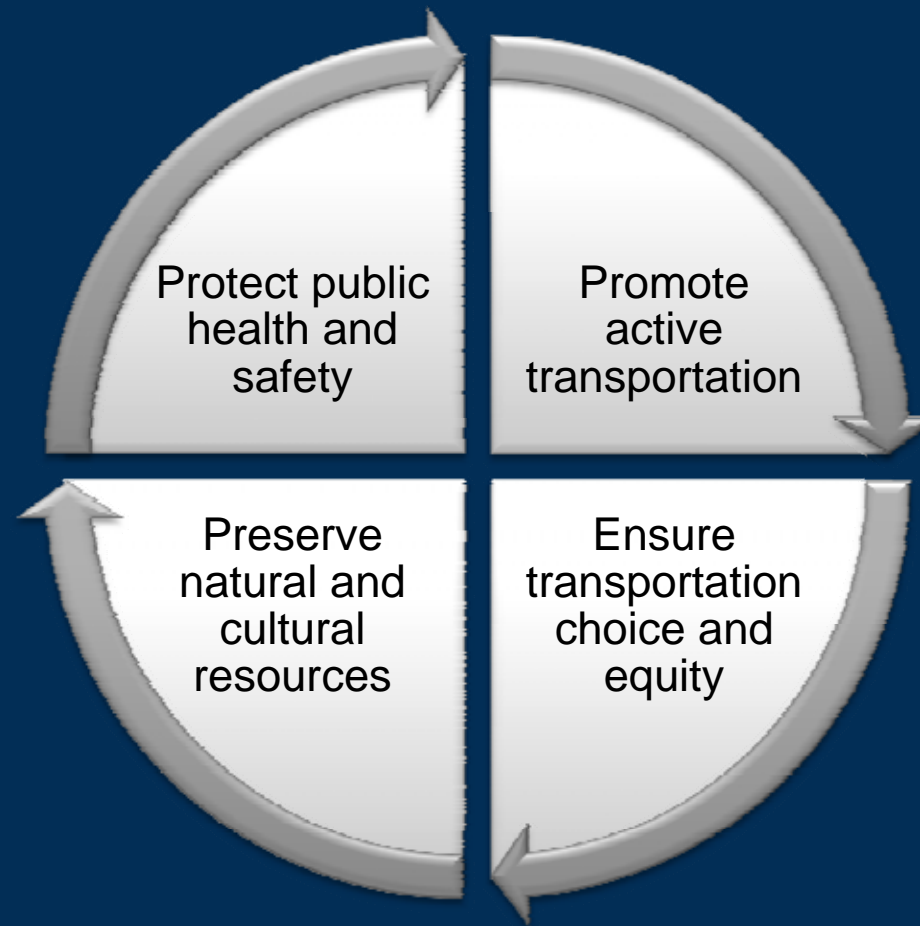
Tracking Progress

- 2014 Regional Progress Report

- Relates trends to Plan's objectives

- Performance-based

- Informs development of RTP

Regional Successes

- Safety improvements

- Lower air quality emissions

- Automated tolling adoption

- Public satisfaction with the transportation system

Regional Successes

Travel Needs are Met "Well" or "Very Well"*
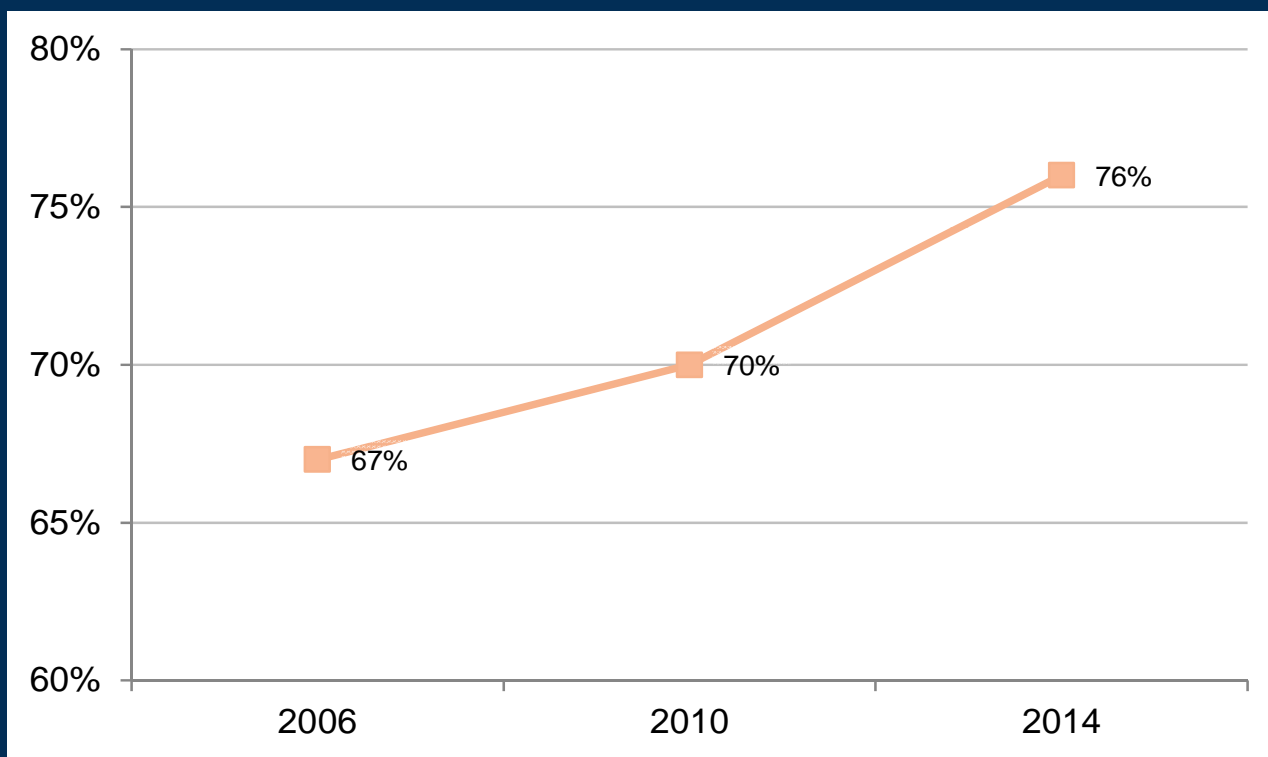
*WILMAPCO Public Opinion Surveys

Regional Challenges

Forecasted Regional Changes through 2040*
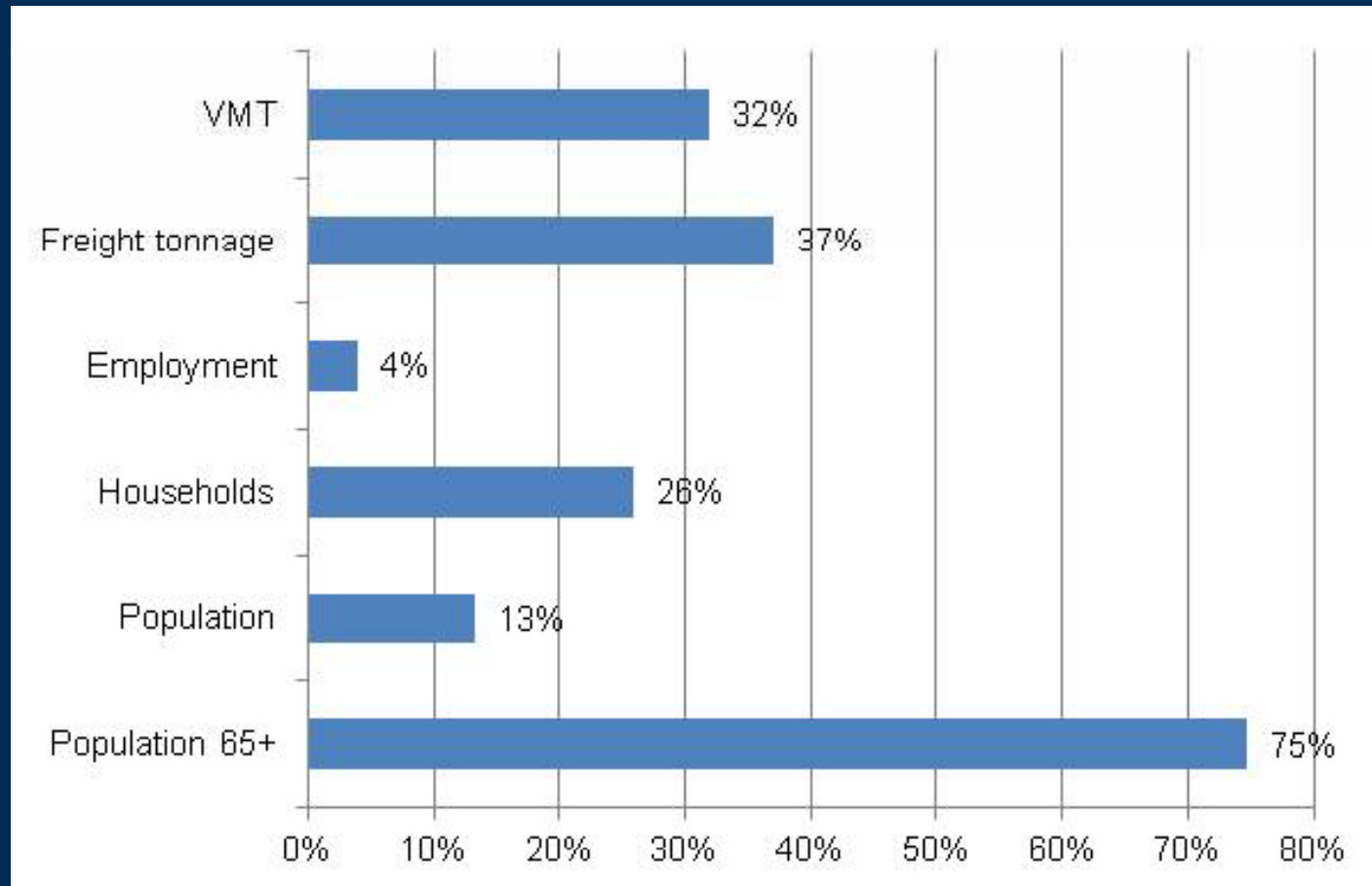
*VMT and freight represent growth from 2012. All others from 2015. Sources: DelDOT, MDOT; Freight Analysis Framework; Delaware Population Consortium, Maryland Department of Planning

Regional Challenges

Means of Transportation to Work, WILMAPCO Region*

- Drove alone
- Carpooled
- Mass transit
- Walked
- Biked

80.3% / 9.0% / 3.7% / 2.2% / 0.3%
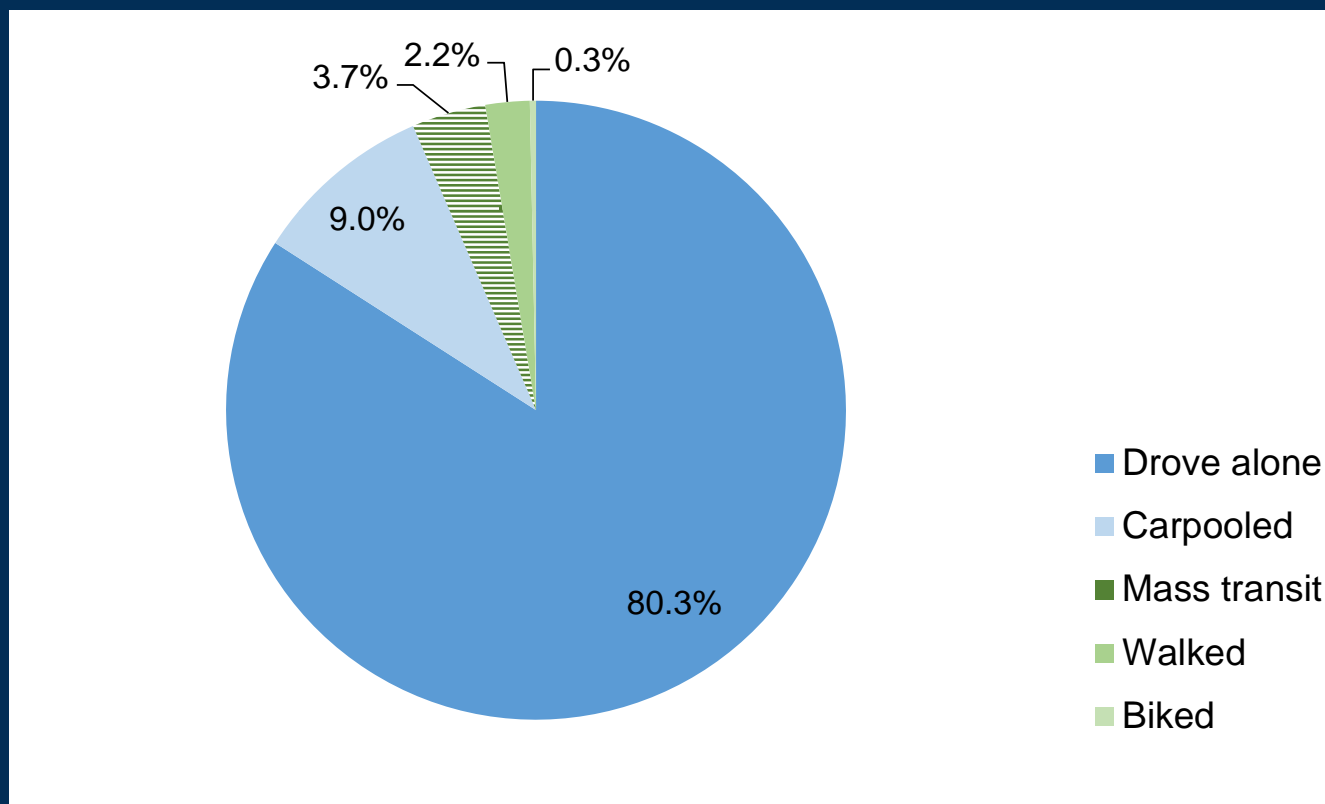
*U.S. Census, American Community Survey, 2010-12

Regional Challenges

- Drivable-only development

- Redeveloping existing communities

- Climate change

- Meeting new performance requirements

- Financial shortfalls

Bing Maps

Regional Challenges

Where Should Development Occur?*

Where developers choose — 29%

Existing towns and growth areas — 71%
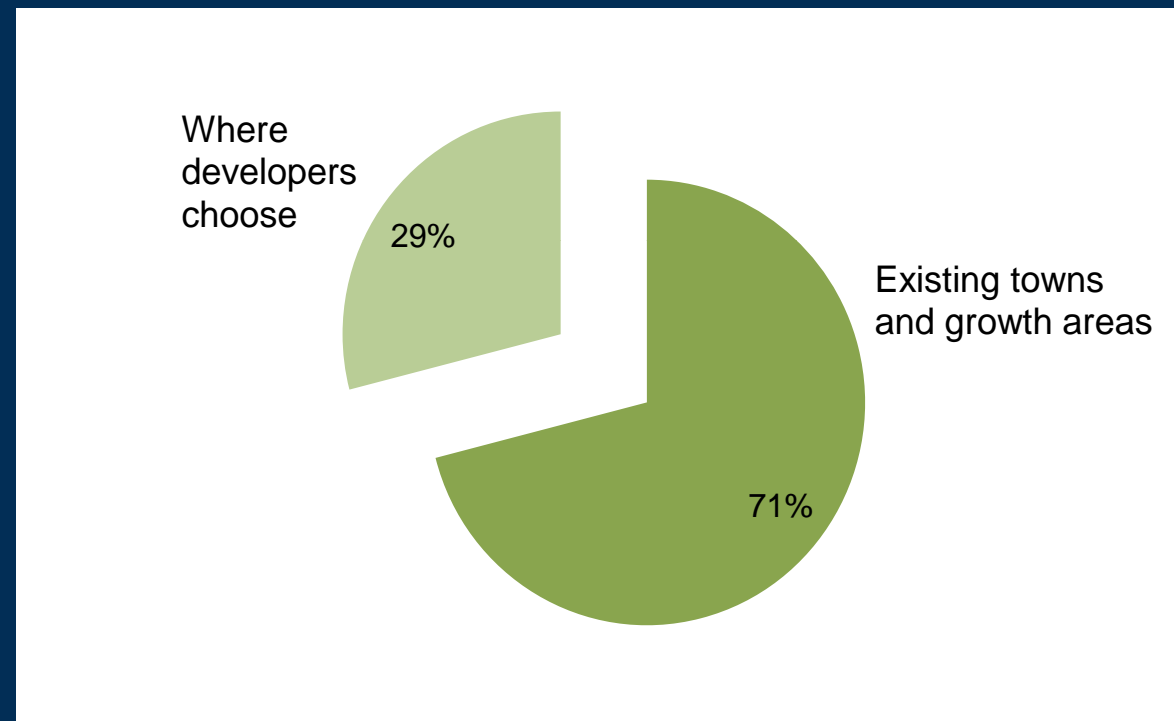
*2014 WILMAPCO Public Opinion Survey

Air Quality Conformity

- List of projects meets PM2.5 and Ozone standards

- NCC in maintenance for PM2.5

- Cecil and NCC in moderate non-attainment for ozone

- Conformity has been demonstrated

Tying our Documents Together

Planning

Regional Transportation Plan

Studies

Corridor/Area Studies (UPWP) & CMS

Implementation

Transportation Improvement Program

Draft Amendments to FY 2015-18 TIP

- Four-year listing of priority transportation projects drawn from the RTP

- Includes all federal and state capital projects

- Amendments based on Delaware Bond Bill

- Council adoption expected this month

Draft Amendments to FY 2015-18 TIP

- $1.7 billion in road, transit, rail, multimodal & bicycle/pedestrian projects

- 6% less funding than the TIP approved in March 2014

- Eliminates all funds from 11 projects, including:
  - Tyler McConnell Bridge
  - Wilmington Transit Hub

- Eliminates construction funds from 12 projects, including:
  - Christina River Bridge
  - Claymont and Newark Train Stations

- Adds 2 bridge projects:
  - BR 185 on Oak Ridge Road over Hyde Run
  - BR 813 on I-495 over Christina River, Emergency Repairs

Financial Outlook

WILMAPCO

Funding Forecast for Capital Improvements, New Castle County*
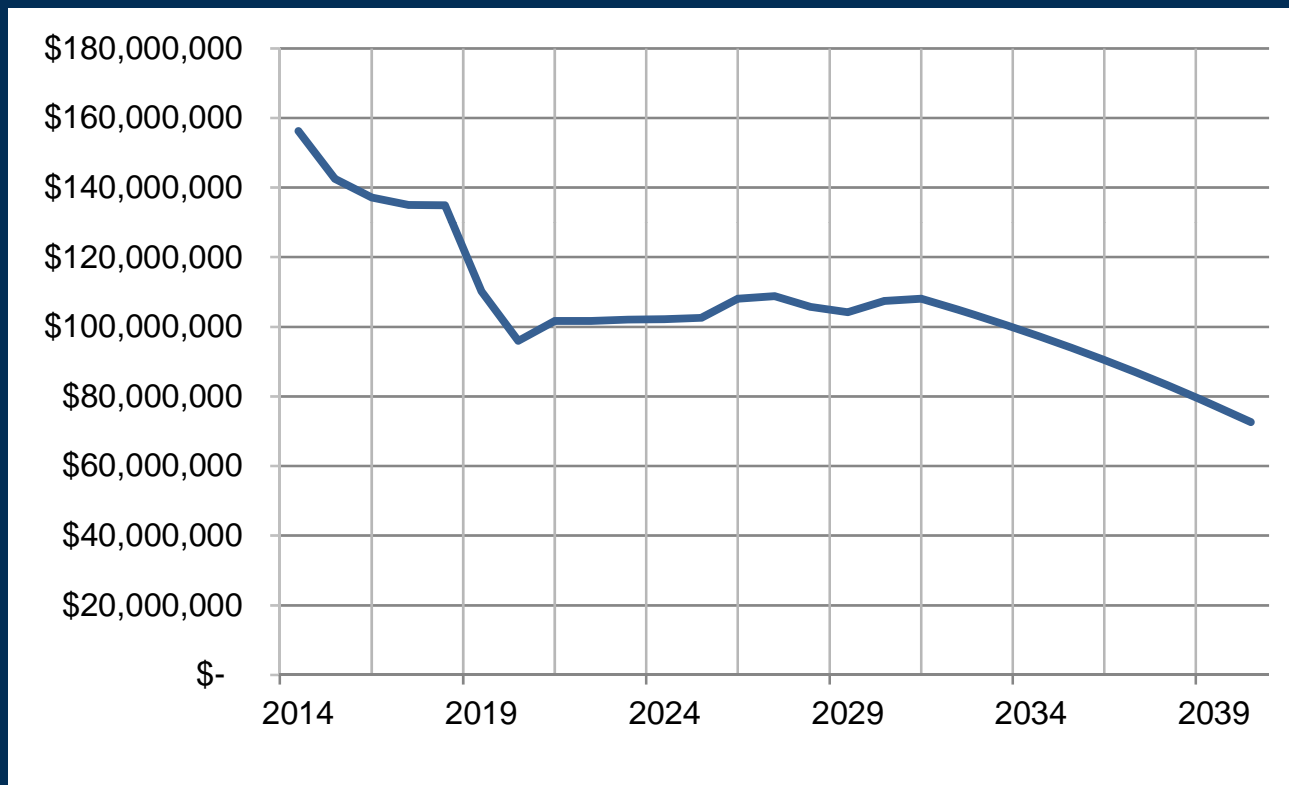
*Source: DelDOT (assumes 50% spend in New Castle County)

Financial Outlook

Funding Forecast for Capital Improvements, Cecil County*

*Source: MDOT

Draft Constrained Projects

PROPOSED PROJECTS ABOVE $15 MILLION BY IN-SERVICE YEAR

Short-Term	Medium-Term	Long-Term
2015 - 2020	2021 - 2030	2031 - 2040

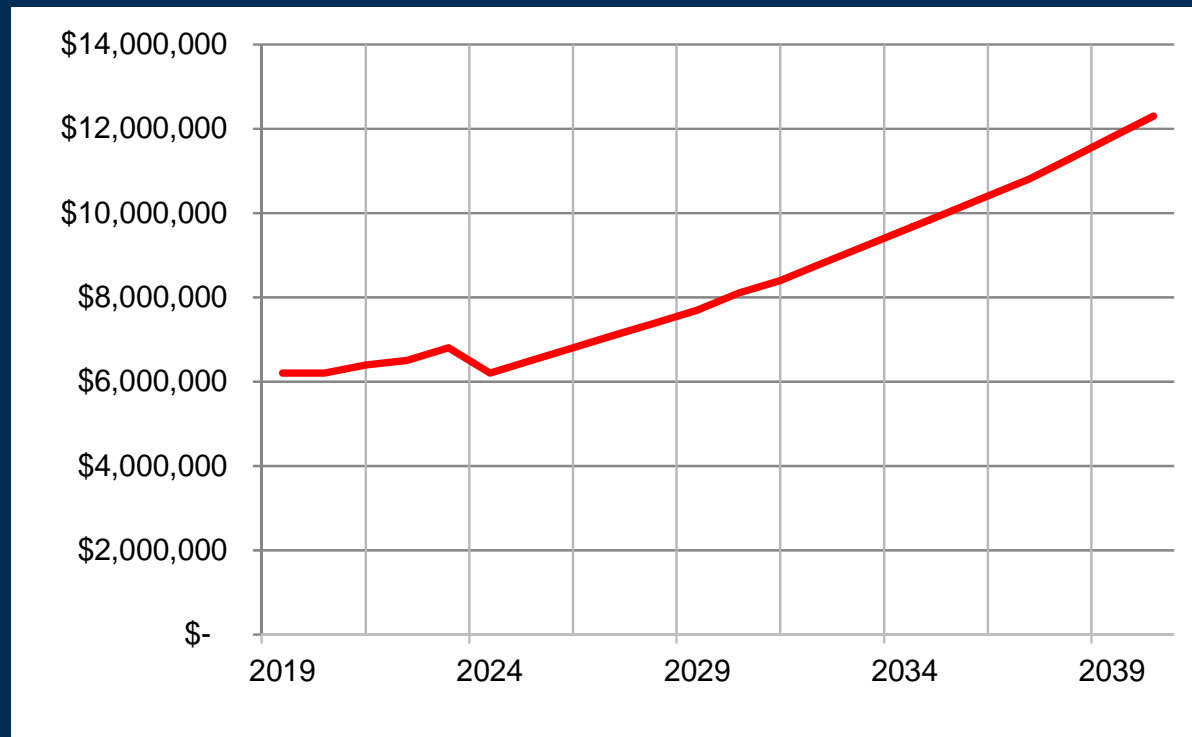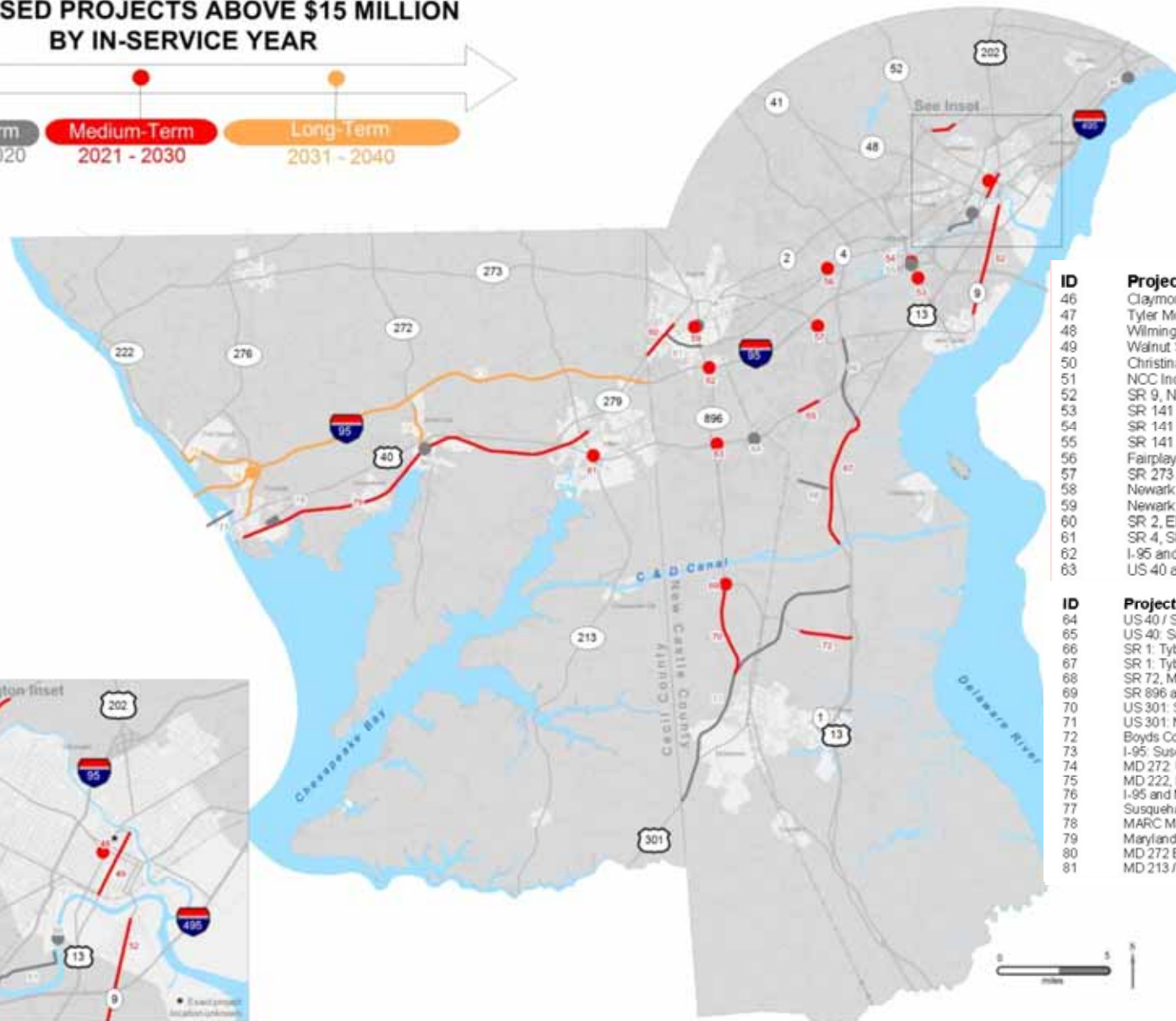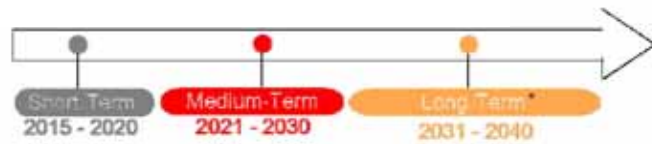| ID	Project Name
46	Claymont Train Station
47	Tyler McConnell Bridge, Montchannin Rd to Alapocas Rd
48	Wilmington Transit Hub (Project Location Unknown)
49	Walnut St., Front St. to 13th St. with sweep removal
50	Christina River Bridge
51	NCC Industrial Track Greenway, Phase III
52	SR 9, New Castle Ave - 3rd St to Heald St.
53	SR 141 & I-95: Commons Blvd
54	SR 141 & I-95 Interchange
55	SR 141 & I-95 Interchange: Ramps G & F Improvements
56	Fairplay Train Station - Parking
57	SR 273 / Chapman Rd Intersection Improvements
58	Newark Regional Transportation Center, Phase I
59	Newark Regional Transportation Center, Phase II
60	SR 2, Elkton Road: MD Line to Casho Mill Rd
61	SR 4, SR 2 to SR 896 (eastbound)
62	I-95 and SR 896 Interchange
63	US 40 and SR 896 Interchange

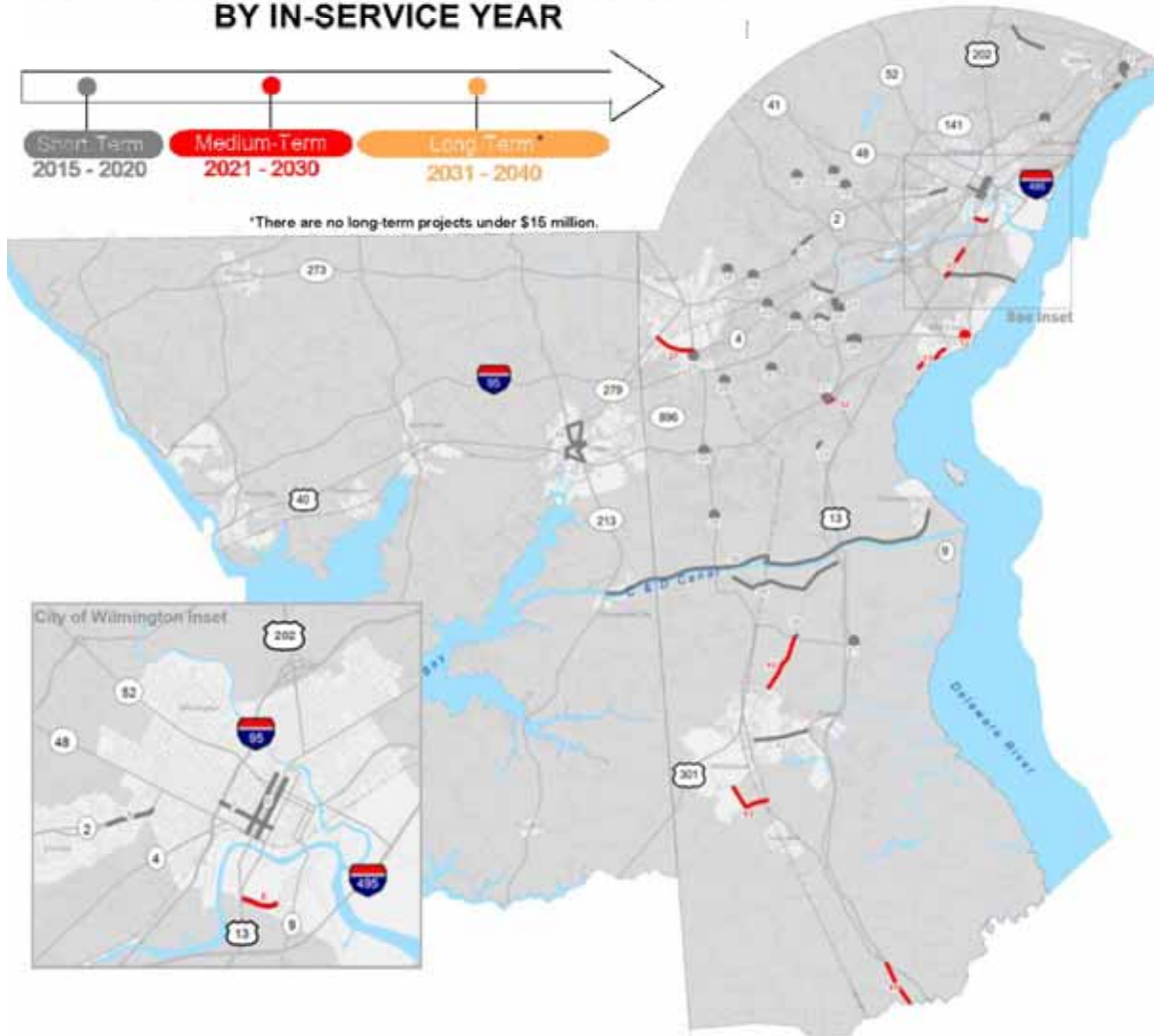| ID	Project Name
64	US 40 / SR 72 Wrangle Hill Road
65	US 40: Salem Church Rd to Walther Road
66	SR 1: Tybouts Corner to SR 273
67	SR 1: Tybouts Corner to Roth Bridge
68	SR 72, McCoy Road to SR 71
69	SR 896 at Bethel Church Rd Interchange
70	US 301: Spur
71	US 301: MD State Line to SR 1 (Mainline)
72	Boyds Corner Rd: Cedar Lane to US 13
73	I-95: Susquehanna River to DE Line
74	MD 272: US 40 to Lums Rd.
75	MD 222, Perryville/Bainbridge Rd: US 40 to MD 276
76	I-95 and MD 222 Interchange
77	Susquehanna River Rail Bridge Preliminary Engineering
78	MARC Maintenance Facility
79	Maryland Commuter Rail: Perryville to Elkton (extend MARC)
80	MD 272 Bridge over Amtrak
81	MD 213 / US 40 Intersection Improvements

City of Wilmington Inset

Draft Constrained Projects

PROPOSED PROJECTS UNDER $15 MILLION BY IN-SERVICE YEAR

Short-Term 2015 - 2020
Medium-Term 2021 - 2030
Long Term* 2031 - 2040

*There are no long-term projects under $15 million.

City of Wilmington Inset

ID	Project Name
1	Grubb Road, SR 261: Foulk Rd. to Naamans Rd.
2	I-495 at Philadelphia Pike
3	Claymont Sidewalks - Myrtle Avenue
4	Claymont Sidewalks - Manor Avenue
5	I-95, Carr Road and Marsh Road Interchange Improvements
6	King & Orange Streets, MLK Blvd. to 13th St.
7	4th St., Walnut St. to I-95
8	Garasches Lane
9	SR 2, South Union St: Railroad Bridge to Sycamore St.
10	US 13, US 40 to Memorial Drive
11	I-295, Westbound from I-95 to US 13
12	SR9/3rd and SR9/6th & SR9/Delaware St Intersections
13	SR 9, River Rd. Area, Dobbinsville (viaduct)
14	SR 41 / Faulkland Rd. Intersection (HSIP)
15	SR 41 / Hercules Rd. Intersection (HSIP)
16	Mill Creek Road and Stoney Batter Road Intersection (HSIP)
17	SR 2, Kirkwood Hwy: Pike Creek Rd to Woodmill Dr
18	Possum Park Rd & Old Possum Park Rd Intersection Improvements
19	SR 2 / Red Mill Rd. Intersection Improvements
20	SR 273 / Red Mill Rd. Connector Intersection (HSIP)
21	Churchmans Road, Christiana Hospital to SR 1
22	SR 273 / Harmony Rd. Intersection Improvements (HSIP)
23	Road A / SR 7 Improvements
24	Cavaliers Mitigation
25	Christiana Mall Park and Ride
26	SR 273 / Appleby Rd and Airport Rd Intersections
27	SR 4, SR 2 to SR 896 (westbound)
28	SR 896 and Old Chestnut Rd. Intersection (HSIP)
29	SR 72 and Old Baltimore Pike Intersection
30	Old Baltimore Pike and Salem Church Rd Intersection
31	US 40 / SR 7 Intersection
32	US 40, Eden Square Connector
33	SR 71, Old Porter Rd. to SR 7 (HSIP)
34	US 40 / Glasgow Avenue Intersection
35	SR 896 at N54 & N396 Intersection & Howell School Rd to SR 71
36	C & D Branch Canal Trail and C&D Canal Trail to MD line
37	C & D Canal Trail
38	N412, Lorewood Grove Road, Rd 412A to SR 1
39	Jamison Corner Rd: Relocated to Boyds Corner Rd
40	Cedar Lane: Marl Pit Rd. to Boyds Corner Rd.
41	Boyds Corner Park and Ride
42	SR 299, SR 1 to Catherine Street
43	Wiggins Mill Road
44	US 13: Duck Creek to SR 1
45	Elkton Bus Service Circulator

*HSIP = Highway Safety Improvement Program

UNFUNDED "ASPIRATIONS" PROJECTS

Roadway ● ∿ ▦

Transit ● ∿ ▦

Inset 1: Town of North East

Inset 2: Town of Elkton

Inset 3: City of Wilmington
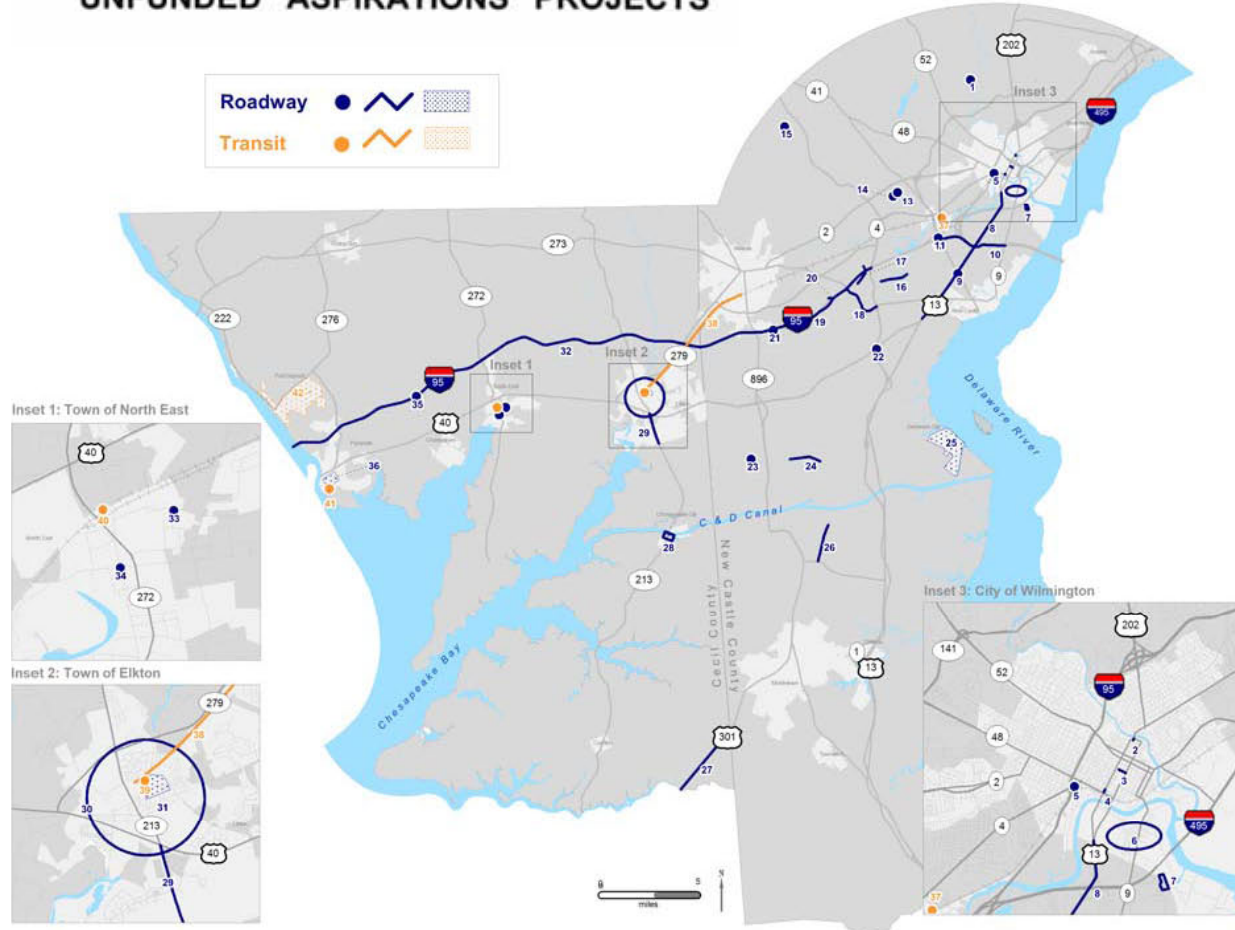
ID	Project
1	Rockland Rd & Montchanin Ct Guardrail
2	Convert 1500 block of King St to two-way street
3	Two-way traffic on 8th St between King & Walnut Sts
4	Add Southbound lanes on Market St (2nd St & MLK Blvd)
5	Maryland Ave. and Monroe Street
6	South Wilmington Route Signage
7	Port of Wilmington Truck Staging Area
8	US 13: US 40 to Wilmington
9	US 13/ SR 141 Interchange
10	I-295 Improvements, Eastbound at SR 141
11	I-95 & SR 141 Interchange (Phase I)
12	I-95 & SR 141 Interchange (Phase II)
13	Old Capitol Trail/ Newport Rd Roundabout
14	Old Capitol Trail/ Stanton Rd Roundabout
15	Valley Rd/Little Baltimore Rd/North Star Rd Intersection
16	Center Boulevard extended to Churchmans Rd
17	Eagle Run Rd to Continental Drive Connector
18	SR 273: I-95 to SR 1
19	I-95: MD Line to SR 1
20	I-95/ Chapman Road ramp
21	I-95/DE 72 partial interchange
22	SR 1 NB Ramp to US 40
23	Denny Rd/ Lexington Parkway Intersection
24	Howell School Road: SR 71 - RC Peoples Boulevard
25	Delaware City Plan Implementation
26	Ratledge Rd.
27	US 301: Kent Cty. to DE State line
28	Chesapeake City Parking Plan Implementation
29	MD 213: Frenchtown Road to US 40
30	Elkton Route Signage/Truck Restrictions
31	Elkton Downtown Connector Streets & Streetscaping
32	I-95 Corridor Access and Interchange Improvements
33	Rolling Mill Rd. Bridge (2-lanes with sidewalks)
34	MD 272/ North Main St. Intersection Improvements
35	I-95 Interchange between Perryville and Northeast
36	Perryville Connector Streets
37	Newport Rail Station
38	Rail - Newark to Elkton (SEPTA extension)
39	Elkton Train Station
40	North East Transit Hub/ Train Station
41	Perryville Train Station Parking Improvements
42	Port Deposit Shared Ride Service

UNFUNDED "ASPIRATIONS" PROJECTS

Bicycle/Pedestrian ● ∿ ▨

Multimodal ● ∿ ▨

Inset 1: Town of Perryville

Inset 2: Bear

Inset 3: City of Wilmington

ID	Project
43	ECGW - NCC (grouped for mapping)
44	Foulk Road Sidewalks
45	Christina River Greenway
46	Terminal Avenue/ SR 9 Pedestrian Improvements
47	Marshallton Pedestrian Improvements
48	Mill Creek/Hockessin Greenway
49	BR 234 Pedestrian Improvements
50	Pike Creek Road Sidewalks
51	Newark Bicycle Plan Improvements
52	Old Baltimore Pike: SR 72 to SR 273, Sidepath
53	Cooch's Bridge/Old Baltimore Pike Greenway
54	SR 096 Corridor Pathway (formerly Iron Hill Bikeway)
55	DE 096: Old Baltimore Pike to Porter Road, Sidepaths
56	US 40: MD State Line to SR 896, Sidepaths
57	US 40: Newtown Trail & Pedestrian Improvements
58	US 40: SR 1 to US 13, Sidepaths
59	US 13: US 40 to Tybouts Corner, Sidepaths
60	SR 72: US 40 to SR 71, Sidewalks
61	Del Laws Road, Sidewalks
62	DE 896: DE 71 to Glasgow, Bike/ped. Paths
63	East Coast Greenway - Cecil County
64	ECGW - CC (grouped for mapping purposes)
65	North East TOD Pedestrian Improvements
66	Perryville Bicycle and Pedestrian Improvements
67	Susquehanna River Pedestrian/Bicycle Crossing
68	Susquehanna River Pedestrian/Bicycle Crossing
69	Lower Susquehanna Heritage Greenway

ID	Project
70	US 13, Claymont Transportation Plan Implementation (Phase II)
71	Wilmington Traffic Calming; 12th St. Connector
72	King/MLK Sweep Improvement
73	Market Street: 11th to 16th Sts.
74	Shipley Street Enhancements: 12th Street to MLK Blvd.
75	Water St. West: Shipley Street to West Street
76	Tatnall St. Connector
77	Water St. East Extended (French St. to Front St.)
78	S. Walnut Street Bridge Area
79	Southbridge Streetscape Improvements (Future Phases)
80	DE 141 and Old Barley Mill Road
81	SR 52 & Snuff Mill Rd, Twadell Mill Rd, Center Meeting Rd Intersections
82	Mill Creek Rd/ McKennan's Church Rd Intersection
83	Churchmans Crossing FY 2005 Sidewalks & Bus Stop Improvements
84	DE 141: Jay Drive to Newport including I-95 Ramp at Commons Blvd
85	SR 4 / SR 7 (JP Morgan) Intersection Improvements
86	SR 4/ SR 7, Christiana Stanton Road Phase 1, Stanton Split
87	Churchmans Road Extended, SR 2 to SR 4
88	SR 4, Churchmans Road Intersection Improvements
89	SR 4, Harmony Road Intersection Improvements
90	SR 2, Kirkwood Hwy / Harmony Rd.
91	Newark Transportation Plan Implementation
92	DE 896: Old Baltimore Pike and I-95, widen to 6 lanes
93	Local Glasgow Circulator Roads - bike/ped
94	SR 273 & Old Baltimore Pike, Christiana Connector
95	Salem Church Rd: I-95 to US 40, Sidewalks

ID	Project
96	Newtown Rd: SR 896 to SR 72, South Chapel St.
97	Reybold Road: SR 72 to Salem Church Rd
98	SR 72: Reybold to US 40
99	Salem Church Road/US 40/Porter Road Intersection
100	DE 1 southbound ramp/US 40 Intersection
101	US 40/ SR 7 Interchange
102	DE 7: US 40 to DE 71
103	US 40: Salem Church Rd to Walther Rd
104	Church Road: Wynnfield to SR 71
105	Old Porter Road: Porter Road to SR 71
106	Scotland Drive/US 40, Intersection
107	US 40 Overpass of Norfolk Southern RR
108	US 40, SR 72 to Salem Church Rd
109	US 40: SR 896 to SR72
110	US 40/ Glasgow Avenue Intersection
111	US 40 & Pleasant Valley Road Intersection
112	SR 896: C & D Canal to US 40, Widening to 6 lanes

ID	Project
113	US 40/ US 13 Interchange
114	Route 9, Reconstruct Ferry Cutoff as 4 lanes
115	US 13: Odessa Transportation Plan Implementation
116	MD 213 / MD 282 Intersection
117	MD 213, Singerly Rd: North of Providence Rd. to MD 273
118	MD 213, Bridge St.: US 40 to MD 279, reconstruction
119	US 40 Corridor and Intersection Improvements
120	MD 7: East limits of Charlestown to MD 272
121	MD 275, Perrylawn Drive: MD 222 to MD 276
122	MD 222, Bainbridge Rd: MD 275 to Bainbridge entrance
123	MD 273, Telegraph Rd: East Limits of Rising Sun to Sylmar Rd

Next Steps

Status	Tasks	2014												2015		
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
✔	Review 2040 RTP accomplishments and results to identify data and analysis needs and areas where we are falling short of our regional goals and objectives. Report on this in *2014 Progress Report.*	C	T	C												
✔	Develop draft project list					T/C	T	C								
✔	2040 demographic projections updated, 2014 series	T		T		C	T	C								
✔	Conduct technical assessment and agency coordination to draft RTP for mobility, livability, air quality, environmental and financial reasonableness.					T/C	T	T/C	T							
✔	Develop and assess land use and transportation scenarios							T/C	T	C						
✔	Conduct Public Opinion Survey to analyze public perception of goals and strategies in RTP and transportation needs.															
✔	Our Town/TIP/RTP Public Workshop															
	Develop first 2040 RTP draft. Outreach to civic organizations, member agencies, counties & municipalities. Conduct public review through meetings, presentations and public workshop.									C						
	Review public comments with Council and based on Public Outreach meetings, comments & technical assessment, refine draft. **Release for official comment period.**											C				
	Public Advisory Committee recommendation to Council												P			
	Technical Advisory Committee recommendation to Council												T			
	WILMAPCO Council Adopts the 2040 RTP													C		
	Submit Final RTP to FTA and FHWA															
	FTA and FHWA Review															

C=Update to Council   T=TAC update   P=PAC update

more information

WILMAPCO.org/rtp

WILMAPCO.org/tip