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TRANSPORTATION PROJECTS ROADMAP

50 notable U.S. road, rail, port, and
airport projects

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Stagnito

Transportation Projects Roadmap

50 notable U.S. road, rail, port, and airport projects

By Stephanie Hildebrandt and Bob Drake



Rendering of the new San Francisco-Oakland Bay Bridge

Bay Bridge Public Information Office

Stressed public budgets and delayed passage of long-term federal funding have taken a toll on many transportation infrastructure projects in the United States during the last year. Nevertheless, many significant projects are moving ahead. The inaugural **CE News** Transportation Projects Roadmap lists 50 notable transportation infrastructure projects in the United States — ranked by estimated cost — that are currently in some stage of planning, design, or early construction. The list includes 21 road/highway/bridge projects, 17 rail/transit projects, seven port/waterway projects, and five airport projects.

While some of these projects have existed in some form of discussion or planning for almost a decade — see the Alaskan Way Viaduct — most are in initial phases of design or construction, with estimated completion dates as far off as 2024. Of course, given

uncertain funding, prolonged right-of-way acquisition battles, and public or interest-group opposition, completion dates are likely to slip for some projects. Some projects may remain in initial planning stages for another decade or longer; some may never be built.

But other projects may end up on a fast track, influenced by outside factors. For example, widening of the Panama Canal, currently in progress, will allow larger container ships to pass through and reach East Coast and Gulf Coast ports. However, many of those ports cannot currently handle the larger ships, so not only do the ports need upgrading, but also the rail lines and roads serving those ports.

High-speed rail appears to be on a fast track in California and Florida. San Francisco broke ground in August on the nation's first high-speed rail station (see page 8), even though construction on the California High-Speed Rail

project is at least two years away. Public and private interest in high-speed rail is at an all-time high in the United States, but will that interest sustain and translate into adequate funding?

Fortunately, public coffers will not be the sole source of support. A significant number of the projects listed on the following pages are relying on some form of public-private partnership (P3) to move ahead.

Because of the number of uncertainties inherent in large construction projects, the **CE News** Transportation Projects Roadmap is a dynamic resource. Some projects will drop from the list as they are completed or become casualties of insufficient funding or public opposition; many more (hopefully) will be added. Please help us improve the accuracy and value of this list by submitting information, photos, and website links of large projects — estimated costs of \$100 million or more — to bdrake@stagnitomedia.com. ■

ROAD-HIGHWAY-BRIDGE CONTINUED

Project	Location	Owner/Sponsor	Estimated Cost (\$ mil)	Start Date	Completion Date	Project website	Design-Build	P3	Design-Bid-Build
Presidio Parkway	San Francisco	California DOT, San Francisco County Transportation Authority, Presidio Trust, National Park Service, California Department of Veterans Affairs, the Golden Gate Bridge Highway Transportation District, the Metropolitan Transportation Commission, and FHWA	\$1,045	2009	2013	www.presidioparkway.org			X
Goethals Bridge	Staten Island, N.Y., and Elizabeth, N.J.	The Port Authority of New York & New Jersey	\$1,000 (unofficial estimate)	2011 (unofficial timeline)	2015 (unofficial timeline)	www.panynj.gov/bridges-tunnels/goethals-bridge.html		X	
West by Northwest	Georgia	Georgia DOT	\$987 (Northwest Corridor total cost)	2011	2015 (construction complete for Northwest Corridor, Western Corridor is unknown)	www.dot.state.ga.us/informationcenter/p3/projects/WbyNW/Pages/default.aspx		X	
Garden Parkway	Gaston County, and Mecklenburg County, N.C.	North Carolina Turnpike Authority	\$910	2011	2015	www.ncturnpike.org/projects/gaston	X		
I-95 Express Toll Lanes	Baltimore County, Md.	Maryland Transportation Authority	\$830	2006	2011	www.i-95expresstollanes.com			X
Monroe Connector	Mecklenburg County, and Union County, N.C.	North Carolina Turnpike Authority	\$750-\$825	2011	2014	www.ncturnpike.org/projects/monroe	X		
Port of Miami Tunnel	Miami	Miami Access Tunnel, LLC, Florida DOT, Miami-Dade County, and the City of Miami	\$610	2010	2014	www.portofmiamitunnel.com		X	
West County Connectors	Orange County, Calif.	Orange County Transportation Authority and Caltrans	\$328 (in 2006 dollars)	2010	2014	http://octa.net/westcounty			X

DATA WAS COLLECTED FROM ONLINE SOURCES AND IS SUBJECT TO CHANGE. P3 = PUBLIC-PRIVATE PARTNERSHIP

RAIL-TRANSIT

Project	Location	Owner/Sponsor	Estimated Cost (\$ mil)	Start Date	Completion Date	Project website	Design-Build	P3	Design-Bid-Build
California High-Speed Rail	California	California High-Speed Rail Authority	\$45,000	2012	2020	www.cahighspeedrail.ca.gov		X	
Mass Transit Tunnel Project	New Jersey	NJ Transit and Port Authority of New York and New Jersey	\$8,700	2009	2017	www.arctunnel.com			X
Honolulu Transit	Honolulu	City and County of Honolulu	\$5,500	2009	2019	www.honolulutransit.org	X		
Second Avenue Subway	New York	MTA Capital Construction	\$4,800 (Phase One)	2007	2016	www.mta.info/capconst/sas			X
DesertXpress High-Speed Rail	Los Angeles to Las Vegas	DesertXpress Enterprises	\$3,500 - \$4,000	2010	2014	www.desertxpress.com/technology.php		X	

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RAIL-TRANSIT CONTINUED

Project	Location	Owner/Sponsor	Estimated Cost (\$ mil)	Start Date	Completion Date	Project website	Design-Build	P3	Design-Bid-Build
Chicago Region Environmental & Transportation Efficiency (CREATE) Program	Chicago	The State of Illinois, City of Chicago, Metra, and Amtrak	\$3,050 (2009 estimate)	2003	Unknown	www.createprogram.org		X	
Dulles Corridor Metrorail	Virginia	Metropolitan Washington Airports Authority	\$2,600	2009	2016	www.dullesmetro.com/about/index.cfm	X		
Orlando-to-Tampa High-Speed Rail	Florida	Florida DOT	\$2,600	2011	2015	www.floridahighspeedrail.org	X		
Crescent Corridor	13 states from La., to N.J.	Norfolk Southern	\$2,500	2008	2013	www.thefutureneedsus.com		X	
East Link	Seattle and Redmond, Wash.	Sound Transit	\$2,400 - \$5,000	2013	2020	www.soundtransit.org/x3245.xml			X
Central Subway	San Francisco	San Francisco Municipal Transportation Agency	\$2,220	2010	2018	www.sfmta.com/cms/mcsp/cspover.htm			
FasTracks Eagle P3	Denver	Regional Transportation District of Denver	\$2,000	2010	2016	www.rtd-fastracks.com/main_136		X	
METROrail	Houston	Metropolitan Transit Authority of Harris County, Texas	\$2,000 (Phase 2 Plan)			www.gometrorail.org/go/site/2491	X		
Central Corridor Light Rail	Minneapolis-St. Paul	Metropolitan Council and Minnesota DOT	\$957	2010	2014	www.metrocouncil.org/transportation/ccorridor/centralcorridor.asp			X
National Gateway	Mid-Atlantic ports to Midwest	CSX	\$842	2011	2015	www.nationalgateway.org		X	
Minneapolis-Milwaukee-Chicago High-Speed Rail	Minnesota, Wisconsin, and Illinois	Wisconsin DOT and Minnesota DOT	\$823		2013				
3C "Quick Start" Passenger Rail Plan	Cleveland, Columbus, Dayton, and Cincinnati, Ohio	Ohio DOT and Ohio Rail Development Commission	\$400	2010	2011	www.dot.state.oh.us/Divisions/Rail/Programs/passenger/3CisME/Pages/default.aspx			

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Project	Location	Owner/Sponsor	Estimated Cost (\$ mil)	Start Date	Completion Date	Project website	Design-Build	P3	Design-Bid-Build
Port Everglades Expansion	Broward County, Fla.		\$2,000		2026	www.porteverglades.net			
Gerald Desmond Bridge Replacement	Long Beach, Calif.	City of Long Beach	\$1,000	2011	2015	www.polb.com	X		
The Olmsted project	Ohio River between Paducah, Ky., and Cairo, Ill.	U.S. Army Corps of Engineers	\$1,400	1992	2014	www.lrl.usace.army.mil			X
Middle Harbor project	Long Beach, Calif.	City of Long Beach and Army Corps of Engineers	\$750	2009	2019	www.polb.com	X		
Southport Marine Terminal	Philadelphia	Philadelphia Regional Port Authority	\$450	Unavailable	Unavailable	www.philaport.com/index.htm		X	
Port of Wilmington expansion	Wilmington, N.C.	North Carolina State Ports Authority	\$143		Pre-2020	www.ncports.com/port_of_wilmington.htm			
Seagirt Marine Terminal	Baltimore City, Md.	Maryland Port Administration and Ports America Chesapeake	\$106	2010		www.mpa.maryland.gov/index.php		X	

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