

Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Stephanie Pollack, Secretary & CEO  
Thomas J. Tinlin, Administrator



# **MassDOT Highway Division's Annual Owner's Representative Program Report SFY2016**

**Isidoro Perez • Deputy Highway Administrator**

**Prepared by the Office of Project Controls and Performance Oversight**



*The data in this report represents the OR reporting year (November 2015 - November 2016) unless otherwise noted.*

**Contact:**

Isidoro Perez  
Deputy highway Administrator

Office of Performance Project Controls and  
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Boston, MA 02116

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**December 31, 2016**

**Glenn A. Cunha  
Inspector General  
Office of the Inspector General  
John W. McCormack State Office Building  
One Ashburton Place, Room 1311  
Boston, MA 02108**

**Subject: Massachusetts Department of Transportation- 2016 OWNER'S  
REPRESENTATIVES ANNUAL REPORTS**

Chapter 303, Section 12 of the Acts of 2008 amended Chapter 30 of the MA General Laws (MGL) by adding section 39M <sup>1</sup>/<sub>2</sub>, which requires that an Owner's Representative (OR) be appointed for any Major Contract for which the certified estimate of cost exceeds \$50,000,000. To fulfill the annual reporting requirements of Section 39M <sup>1</sup>/<sub>2</sub> and the requirements of our Task Orders, the undersigned group of twelve (12) currently assigned Owner's Representatives are submitting a 3-ring binder containing twenty-seven (27) 2016 OR Annual Reports. A flash drive containing all electronic report files is also included.

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**December 31, 2016**

**Isidoro DeJesus Perez  
Highway Division Deputy Administrator  
Office of Project Controls & Project Oversight (OPC&PO)  
Massachusetts Department of Transportation  
10 Park Plaza, Suite 4160  
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**Representative William M. Straus  
House Chair of Joint Committee on Transportation  
Room 134  
State House  
Boston, MA 02133**

**Subject: Massachusetts Department of Transportation- 2016 OWNER'S  
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**Secretary Stephanie Pollack  
Chairman of the Board  
Massachusetts Department of Transportation  
10 Park Plaza, Suite 4160  
Boston, MA 02116**

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Secretary of Transportation & CEO, MassDOT  
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**Senator Thomas M. McGee  
Senate Chair of Joint Committee on Transportation  
Room 109 C  
State House  
Boston, MA 02133**

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State Auditor  
Office of the State Auditor  
Room 1819  
One Ashburton Place  
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Part I ..... ADMINISTRATION OF THE GOVERNMENT

Title III ..... LAWS RELATING TO STATE OFFICERS

Chapter 30 ..... GENERAL PROVISIONS RELATIVE TO STATE DEPARTMENTS, COMMISSIONS,  
OFFICERS AND EMPLOYEES

Section 39M1/2 ..... PROJECT OVERSIGHT; OWNER'S REPRESENTATIVE; QUALIFICATIONS;  
PROCUREMENT; POWERS AND DUTIES

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Section 39M1/2. (a) The following words shall have the following meanings unless the context clearly requires otherwise:

"Certified estimate of cost", a good-faith estimate based on the best available information and made by the most senior official in the agency responsible for the contract, accounting for all expenses which could be reasonably foreseen including, but not limited to, those involving design, construction, management, acquisition and disposition of rights of way and contingency costs.

"Cost-plus basis", a form of compensation in which a premium is added to the actual cost of service to determine a total amount to be paid.

"Major contract", a contract by which the commonwealth or any of its public agencies or authorities is to procure the construction, repair or rehabilitation of a publicly-owned highway, railway, bridge, tunnel, building platform or any component thereof and for which the certified estimate of cost exceeds \$50,000,000, or a contract or lease by which the commonwealth or any of its public agencies or authorities is to procure, directly or indirectly, the construction, repair or rehabilitation of a privately-owned, publicly-used highway, railway, bridge, tunnel, building platform or any component thereof.

"Oversight cost estimate", an estimate developed by the commonwealth or any agency thereof, prior to the engagement of an owner's representative, of the anticipated total cost of the services of that representative.

"Owner's representative", an individual registered by the commonwealth as a professional engineer, who has not less than 5 years of experience in the construction and supervision of construction of the type which is the subject of the pertinent major contract in nature, scope and complexity.

"Owner's representative" shall mean an individual registered by the commonwealth as a professional engineer, who has not less than 5 years of experience in the construction and

supervision of construction of the type which is the subject of the pertinent major contract in nature, scope and complexity.

(b) The commonwealth or any agency or authority thereof shall engage and maintain an owner's representative to provide professional project oversight with regard to any major contract. Such representative shall be an individual employed by a corporation, partnership, sole proprietorship, joint stock company, joint venture or other entity engaged in the practice of providing project management services for public construction of the nature, scope and complexity which is the subject of the contract. A public agency may designate an existing employee as owner's representative subject to the conditions set forth in subsection (c).

(c) An existing employee of a public agency may act as its owner's representative if the following conditions are met:

(1) the employee meets or exceeds the qualifications set forth in subsection (b);

(2) the employee has suitable experience in the construction and supervision of projects of the nature, scope and complexity of the relevant major contract; and

(3) The employee and his employer have entered into a memorandum of understanding, contract or other comparable document establishing the independence of the employee as being equal to that of an owner's representative contracted from the private sector;

(d) An owner's representative shall certify in writing, under the pains and penalties of perjury, that his sole responsibility shall be to the commonwealth and the agency which has retained his services. The independent owner's representative shall be wholly independent of the designer, general contractor or any subcontractor involved in the public works project and shall attest to the same in a sworn statement.

(e) An owner's representative shall be subject to chapter 268A.

(f) An owner's representative shall be selected and retained prior to the award of a major contract by any public agency; provided, however, that such agency shall select and procure the services of the owner's representative through a process which is documented in writing, incorporates the evaluation of qualifications and experience and is competitive in nature. The process shall utilize a system of written applications which shall be retained for inspection for a period of not less than 6 months following the selection of an owner's representative. The process shall also be promulgated in writing by the inspector general prior to the commencement of any hiring process pursuant to this section.

(g) Any major contract executed prior to the selection of an owner's representative shall be null and void as against public policy. Prior to the award of any major contract, the public agency



seeking to award the contract shall certify in writing to the inspector general that an owner's representative has been selected.

(h) Any individual, organization or agency eligible to receive information from an owner's representative shall do so in a form and manner approved and promulgated by the inspector general. Upon receipt of such request, the owner's representative shall respond within 60 days. Such response shall contain the requested information, indicate why it is not available to the party requesting it or indicate a date certain when the information will be available and the date on which it will be provided. A party denied information pursuant to this section may appeal such denial to the inspector general.

(i) The owner's representative shall conduct a peer review of engineering elements on its projects.

(j) The owner's representative shall be the primary manager of cost recovery and value engineering on the project.

(k) The owner's representative shall enjoy unfettered access to project work sites, documents, and correspondence.

(l) The owner's representative shall file reports on the project, under oath, not later than December 31 of each year in which their contract is in effect, to the inspector general, to the secretary of transportation and public works, the house and senate chairs of the joint committee on transportation and to the state auditor.

(m) The inspector general shall promulgate regulations governing the operations and actions of owner's representatives which shall include, but not be limited to, sanctions for misfeasance, malfeasance and the failure to adhere to any contracts or agreements executed pursuant to this section.

(n) In no instance shall an awarding agency execute a contract that pays the independent owner's representative on a cost-plus basis. Awarding agencies shall establish an oversight cost estimate for the work of an owner's representative prior to the hiring of the owner's representative.



## Capital Projects with Owner's Representative Contracts

Reporting Data Date: November 30, 2016

OR Project ID	Active* OR Projects	% Complete by \$ Spent	Project Budget** (Encumbrance)	Projected Cost as a % of Budget	Days Behind Orig. Schedule
602984	Crosby's Corner - Concord/Lincoln	99%	48.3 M	97.8%	157
604382	Fore River Bridge on Rte. 3A	99%	272.1 M	100.6%	731
604361	Longfellow Bridge - Rehab	96%	303.7 M	92.4%	809
601096	Whittier Bridge- I-95 over Merrimack River	87%	328.2 M	95.3%	363
605223	Fall River, I-195 , Rte. 79/Rte. 138 & Braga Bridge Phase 2	84%	227.7 M	99.0%	-35
600703	Route 2 Bridge over I-95 Bridge & I-95 paving , Lexington	103%	59.6 M	93.7%	-28
607579	All Electronic Tolling System(AETS) I-90 WT & MHS	100%	150.2 M	94.9%	*104
605181	Methuen Rotary on I-93 @ Rte. 110 & 113	63%	66.4 M	88.2%	0
603711	Add-A-Lane I-128 (Contract V) Needham-Wellesley	48%	160.0 M	98.7%	44
606541	Commonwealth Ave. over I-90	39%	111.8 M	87.2%	272
605511	Casey Overpass	48%	74.1 M	85.0%	416
604428	Silverline Gateway Phase 1	22%	46.5 M	92.9%	-38
607730	South Coast Rail Bridges	93%	49.8 M	98.4%	195
604660	Woods Memorial Bridge, Rte. 16 over MBTA & Malden River	25%	81.3 M	87.6%	0
607731	Springfield I-91 Viaduct	41%	175.8 M	84.2%	-371
608510	AETS Demolition D6 - TWT	20%	4.2 M	79.9%	0
608509	AETS Demolition D6- Allston	20%	19.9 M	77.6%	0
607971	AETS Demolition D1	20%	20.0 M	83.6%	-15
607582	AETS Demolition D6 - Weston	20%	23.7 M	77.8%	0
607581	AETS Demolition D3	20%	48.9 M	81.4%	0
607580	AETS Demolition D2	20%	16.2 M	84.9%	0
Average of Total				89.1%	124

Project ID	Projects In-Design*	Design Phase '16)**	Projected Cost (MAR '16)**	Projected Cost (Current)***	Difference:
606783	I-90 over I-95, over Charles River/Charles Street, Newton-Weston	Pre-Lim	180.0 M	180.0 M	\$0
606475	Allston Viaduct/I-90 Interchange	Pre-Lim	800.0 M	844.1 M	(\$44,100,000)
606146	I-95 Ramps & Dedham-Canton St. Improvements , Canton-Norwood	100% PS&E	68.6 M	69.9 M	(\$1,290,827)
604952	Belden Bly Bridge -Rte. 107 over Saugus River	25%	49.7 M	49.7 M	\$0
604173	N. Washington Street Bridge	75%	135.4 M	161.7 M	(\$26,268,523)
601630	Route 18 Widening - Weymouth	75%	84.1 M	86.6 M	(\$2,554,524)

Project ID	Completed Projects, OR Contract Not Closed*	Project Budget** (Encumbrance)	Projected Cost as a % of Budget	Days Behind Orig. Schedule
604517	Chelsea River Bridge	125.3 M	106.0%	740
600988	Bates Bridge Rtes. 97 & 113 over Merrimack River	49.8 M	95.6%	346
603370	Alford Street Bridge on Rte. 99 over Mystic River	54.5 M	104.2%	604
603206	Add-A-Lane I-128 (Contract IV), Dedham-Westwood-Needham	88.1 M	99.4%	342
604421	Longfellow Bridge - Phase 1	19.8 M	66.4%	137
604729	Burns Bridge , Rte. 9 over Lake Quinsigamond, Worc./Shrewsbury	110.3 M	97.9%	-71
Average of Total		\$74,617,373	94.9%	350

\*Projects are divided into 3 categories: Active; In-Design; and Completed-Not-Closed. *Active* Projects are projects that are have construction contracts, and have active worksites. *In-Design* projects do not yet have construction contracts. *Completed-Not-Closed* projects are in close-out, but still have unresolved contract issues (i.e. unresolved EWOs).

\*\* *Active* and *Completed* project Budget represent the total construction encumbrance. *In-design* Projected Cost represents the total project cost (Design, ROW, Construction etc.)

\*\*\*Projects that are in-design are tracked by their estimated 'Construction Contract Cost.' This cost estimate includes estimated bid items value, allowance items (i.e. Traffic Police, Railroad Flaggers, Telephone, etc.) and Contingency. The anticipated 'Construction Contract Cost' is updated quarterly.

■ - Not CIP Funded

▲ Design Phase Managed by Municipality

\* - AETS achieved its revised "Go-Live" critical milestone date (10/30/2016).

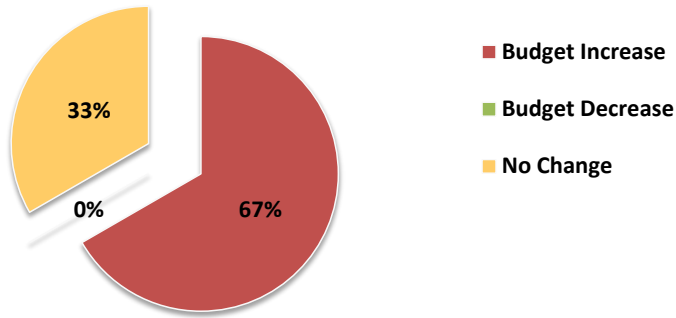
Key		
Active/Comp:	Budget	Schedule
Good	<90%	<30 Days Late
OK	90% - 95%	N/A
At Risk	95% - 100%	30-90 days Late
Over/Late	>100%	>90 Days Late
Design:	Projected Cost Diff.	
Positive Change	>0	
No Change	=0	
Negative Change	<0	

Reporting Data Date: November 30, 2016

### OR Project Changes from Previous Quarter (MAR 2016)

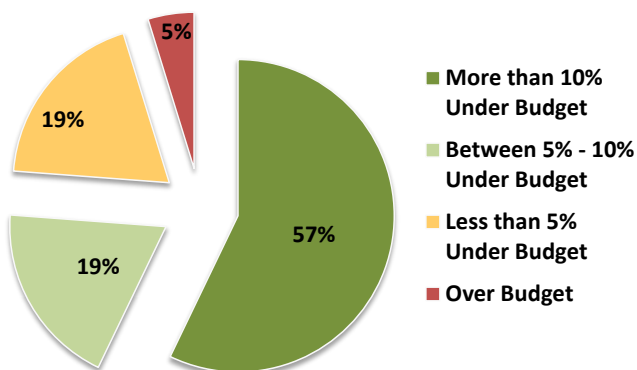
Category	Previous Quarter	Current Month	Change (Direction)	
# of <b>Active</b> Projects	15	21	↑	6
# of Projects in <b>Design</b> Phase	6	6	→	0
# of Projects <b>Completed/ Not Closed</b>	6	6	→	0
# of <b>Active</b> Projects <u>Over</u> Budget	1	1	→	0
# of <b>Active</b> Projects >90 Days <u>Behind</u> Schedule	5	8	↑	3
# of <b>In-Design</b> Project with <u>Increased</u> budget projections	0	4	↑	4

### In-Design Project Budget Changes from Previous QTR (MAR 2016)

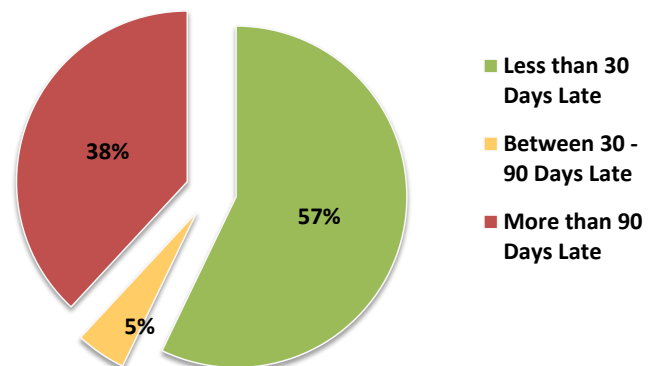


## Current Month Performance Measures (Active Projects)

### Active Project On-Budget Performance



### Active Project On-Time Performance

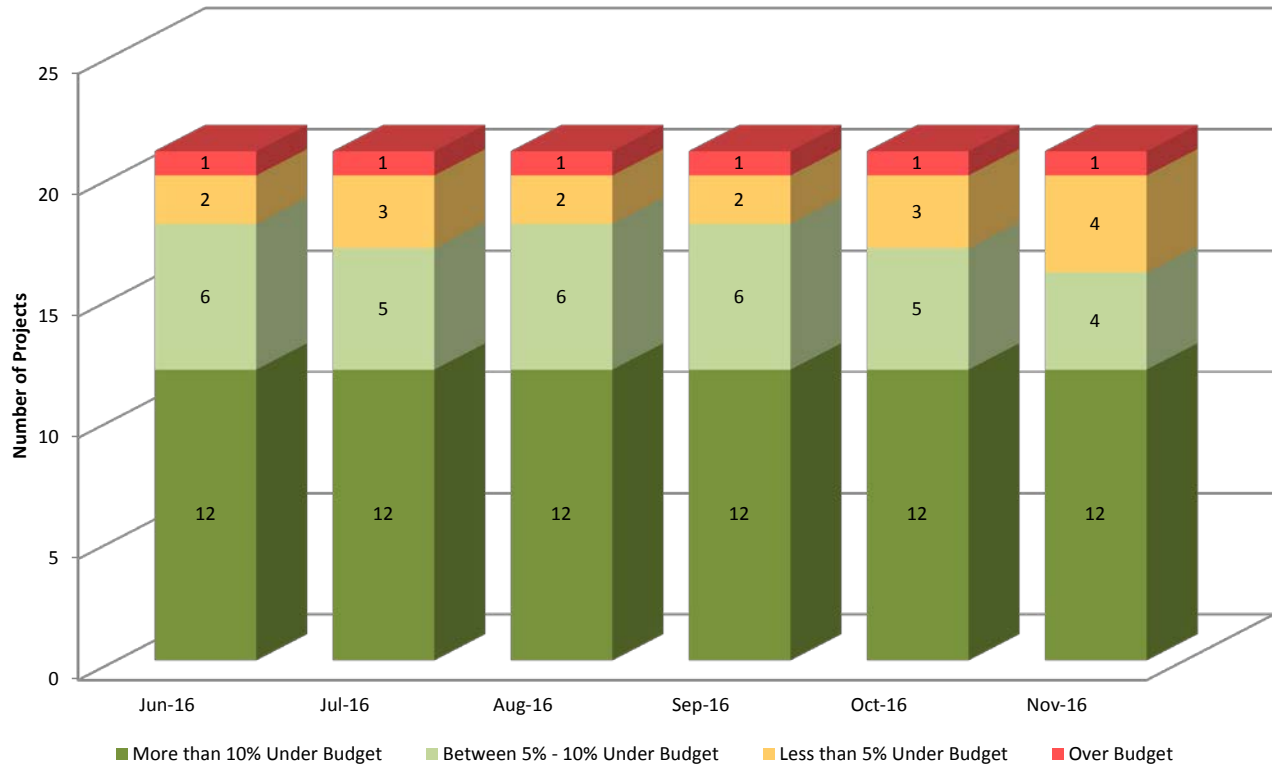




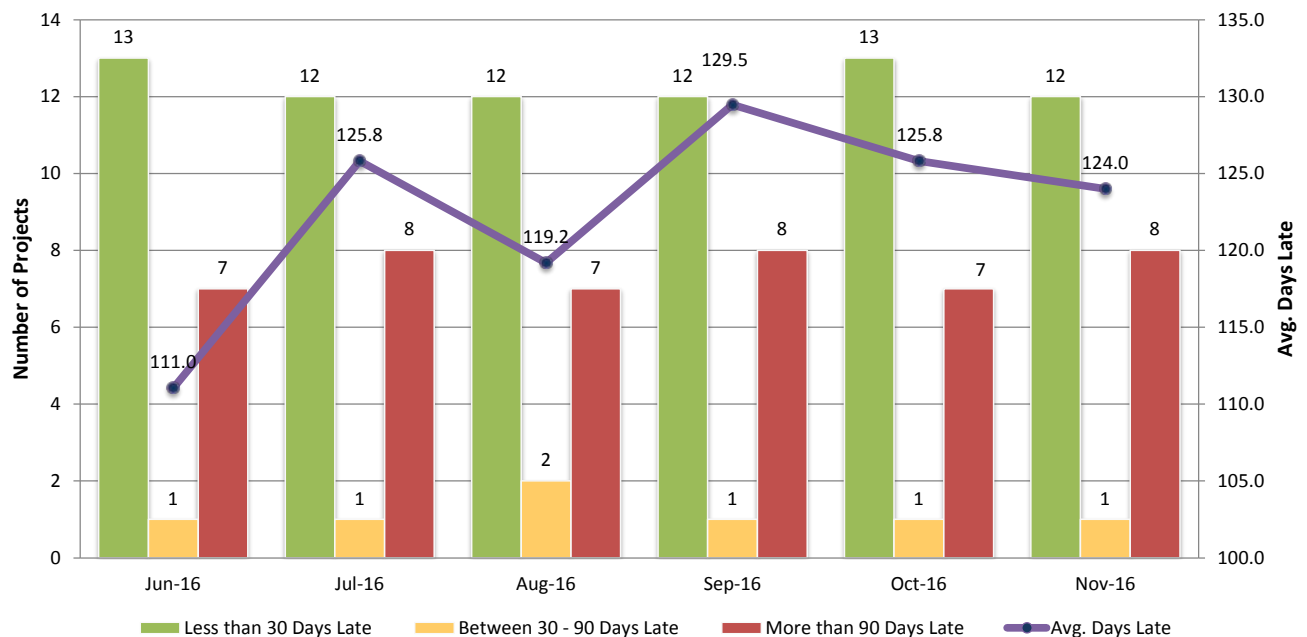
Reporting Data Date: November 30, 2016

## 6 Month Trend Performance Measures (Active Projects)

### Monthly Budget Performance by Projected % use of Encumbrance



### Monthly On-Time Performance





Owner's Report Assumptions		
ID	Column	Description
A	Project Status	Indicates the current status of the OR Project as of the current Data Date. Active projects include all projects that are currently undergoing construction. TBD Projects have not yet been assigned a status.
G	Original Bid	Represents original contract bid amount. Does not include contingency
H	Project Contingency	Contingency amount included in the original budget (i.e. one of several items in encumbrance)(Usually 10% - 15% of Original Bid)
I	Extra Work Orders	Represents all approved extra work orders as of the data date of the report.
J	Under/Over Contingency	Represents variance between original contract contingency, less executed extra work orders, resulting in current remaining contract contingency
K	% Contingency Used	Current contingency used (EWO) as a percentage of original contingency.
L	Original Contract Encumbrance	Represents budget for the project and <u>includes contingency, utility costs (force accounts), incentives, other project costs (police details, etc.)</u> Note that some project encumbrance has been adjusted since the original NTP.
M	Current Projected Cost to Complete	Represents the Owner's representative's estimate of the completion cost of the project including all remaining construction work, all pending Contractor Change Order Requests(CORs) that have yet to be approved and executed work orders.
N	Change (\$) in Projected Cost From Previous Month	Represents the change in the OR projected cost estimate from the previous month. A negative figure with a green arrow (▲) signifies that the projection was lower than the previous month. A positive figure with a red arrow (▼) signifies an increase in the projected cost. The (—) signifies no change.
O	\$ Over/Under Budget	Represents difference between Original Encumbrance and Current Projected Cost to Complete
P	Current On-Budget by % Encumb. Used	Current Projected Cost to Complete as a percentage of the Original Encumbrance. Note that over 100% means that a project is projected to be over budget.
Q	Original Comp. Date	Original Milestone Date for Project Field Completion / Full Beneficial Use (FBU)
R	Current Comp. Date	Current MassDOT/Contractor agreed upon milestone date for Project Field Completion / FBU (Less accurate)
S	Dist. Forecast Comp. Date	Field Completion/ FBU date estimated by MassDOT District schedulers. (More Accurate)
T	Current Schedule by Days late	Number of days late calculated by subtracting the Original Field Completion Date from the District Forecasted Field Completion/ FBU date
U	Change in Days Late From Previous Month	Represents the change in the # of days late from the previous month. A positive figure with a green arrow (▲) signifies that the project estimated to be complete that many days earlier than was projected last month. A negative figure with a red arrow (▼) signifies the projected completion date has slipped that # of days since last month. The (—) signifies no change.
V	Spent to Date	Actual dollars (\$) spent as of the current month
W	Contract % Complete by \$ Spent	Percentage of the total funds expended on the contract to date. Note 100% signifies total completion



Reporting Data Date: November 30, 2016

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	
										J = H - I	K = I / H													
Row	Project Status	Project ID	Project	Contractor	Owner's Representative	OR Contract #	Original Bid	Contingency	Executed Extra Work Orders (EWO)	(\$ Under / (Over) Remaining Contingency	(%) Contingency Used	Orig.Encumbrance (*denotes change in encumb.)	Projected Total Cost at Completion	Prev Mo. (Active)/Qtr. (Design) Projected Cost	(\$ Under/(Over) Budget	Projected Cost as a % of Encumbrance	Original Comp. Date	MassDOT Approved Comp. Date	Dist. Forecast Comp. Date	Days Behind Orig. Schedule	Change in Days Late from Previous Month (Increase)	Spent to Date	Contract % Complete by \$ Spent	
1	Active	602984	Crosby's Corner - Concord/Lincoln	D. W. White Co., Inc.	K. Lincoln	80660	\$43,945,445	\$4,209,501	\$2,330,361	\$1,879,140	55.4%	\$48,263,258	\$47,216,223	▬	\$0	\$1,047,035	97.8%	27-May-16	31-Oct-16	31-Oct-16	157	▬	\$44,533,265	<div></div> 92.3%
2	Active	604382	Fore River Bridge on Rte. 3A	White-Skanska-Koch JV(WSK)	L. Oliverira	80650	\$244,622,670	\$19,422,267	\$3,489,829	\$15,932,438	18.0%	\$272,117,937	\$273,732,541	⬆	(\$286,359)	(\$1,614,604)	100.6%	5-Feb-17	5-Jan-17	6-Feb-19	731	⬇	\$232,600,672	<div></div> 85.5%
3	Active	604361	Longfellow Bridge - Rehab	White-Skanska-Consigli JV(WSC)	J. Allegro	62937	\$263,006,600	\$25,548,900	\$12,595,559	\$12,953,341	49.3%	\$303,655,500	\$280,505,503	⬆	(\$352,421)	\$23,149,997	92.4%	15-Nov-16	15-Jul-17	2-Feb-19	809	▬	\$181,603,072	<div></div> 59.8%
4	Active	601096	Whittier Bridge- I-95 over Merrimack River	Walsh-McCourt-JV	E. Botterman	62938	\$292,155,280	\$29,215,528	\$12,533,114	\$16,682,414	42.9%	\$328,249,208	\$312,703,394	⬇	\$381,734	\$15,545,814	95.3%	10-Oct-16	11-Aug-17	8-Oct-17	363	⬇	\$275,233,204	<div></div> 83.8%
5	Active	605223	Fall River, I-195 , Rte. 79/Rte. 138 & Braga Bridge Phase 2	Barletta Heavy Division	M. Delaney	80655	\$197,349,100	\$19,637,810	\$27,104,013	(\$7,466,203)	138.0%	\$227,728,310*	\$225,435,863	⬆	(\$9,181,329)	\$2,292,447	99.0%	25-Jul-17	25-Jul-17	20-Jun-17	-35	⬇	\$223,986,279	<div></div> 98.4%
6	Active	600703	Route 2 Bridge over I-95 Bridge & I-95 paving , Lexington	SPS New England	L. Oliverira	80650	\$50,328,500	\$5,032,850	\$2,103,903	\$2,928,947	41.8%	\$59,567,496	\$55,836,856	⬆	(\$141,781)	\$3,730,640	93.7%	5-Jan-17	18-Apr-17	8-Dec-16	-28	▬	\$54,398,000	<div></div> 91.3%
7	Active	607579	All Electronic Tolling System(AETS) I-90 WT & MHS	Raytheon Company	P. Cavicchi		\$130,364,679	\$19,554,701	\$951,538	\$18,603,163	4.9%	\$150,170,980	\$142,566,217	⬆	(\$650,000)	\$7,604,763	94.9%	26-Oct-26	25-Jan-27	7-Feb-27	* 104	▬	\$90,326,753	<div></div> 60.1%
8	Active	605181	Methuen Rotary on I-93 @ Rte. 110 & 113	E.T. & L Corp.	E. Botterman	62938	\$56,450,977	\$5,633,716	\$1,313,952	\$4,319,763	23.3%	\$66,385,293	\$58,540,056	▬	\$0	\$7,845,236	88.2%	24-Jun-18	24-Jun-18	24-Jun-18	0	▬	\$47,483,278	<div></div> 71.5%
9	Active	603711	Add-A-Lane I-128 (Contract V) Needham-Wellesley	Barletta Heavy Division	L. Oliverira	73274	\$137,590,000	\$13,762,540	\$2,873,164	\$10,889,376	20.9%	\$159,993,140	\$157,903,108	⬆	(\$1,857,004)	\$2,090,032	98.7%	25-Apr-19	25-Apr-19	8-Jun-19	44	▬	\$86,834,428	<div></div> 54.3%
10	Active	606541	Commonwealth Ave. over I-90	Walsh Construction Company	N. Brown	80661	\$99,497,861	\$18,000,000	\$0	\$18,000,000	0.0%	\$111,766,666	\$97,502,501	▬	\$0	\$14,264,165	87.2%	29-Sep-18	28-Jun-19	28-Jun-19	272	▬	\$19,019,924	<div></div> 17.0%
11	Active	605511	Casey Overpass	Barletta Heavy Division	P. Tyrell	80656	\$59,925,000	\$8,988,750	\$1,712,259	\$7,276,491	19.0%	\$74,138,250	\$62,984,208	⬆	(\$1,204,198)	\$11,154,042	85.0%	23-Feb-17	23-Feb-17	15-Apr-18	416	⬆	\$35,561,337	<div></div> 48.0%
12	Active	604428	Silverline Gateway Phase 1	McCourt Construction Co., Inc.	J. Allegro	60493	\$33,752,196	\$5,062,829	\$240,760	\$4,822,070	4.8%	\$46,456,956	\$43,175,798	⬆	(\$0)	\$3,281,158	92.9%	23-Feb-18	23-Feb-18	16-Jan-18	-38	▬	\$22,620,859	<div></div> 48.7%
13	Active	607730	South Coast Rail Bridges	Cardi Construction	J. Wright	80651	\$41,984,291	\$6,297,644	\$578,621	\$5,719,023	9.2%	\$49,764,334	\$43,499,261	⬆	(\$877,056)	\$6,265,073	87.4%	28-Nov-16	16-Jan-17	11-Jun-17	195	⬇	\$36,329,940	<div></div> 73.0%
14	Active	604660	Woods Memorial Bridge, Rte. 16 over MBTA & Malden River	Judlau-White JV, LLC	E. Botterman	80638	\$70,789,589	\$7,080,515	\$282,365	\$6,798,150	4.0%	\$81,310,058	\$71,203,426	▬	\$0	\$10,106,633	87.6%	5-Apr-20	5-Apr-20	5-Apr-20	0	▬	\$29,272,664	<div></div> 36.0%
15	Active	607731	Springfield I-91 Viaduct	White-Schiavone, JV	M. Delaney	80655-1	\$148,000,150	\$14,804,340	\$610,671	\$14,193,669	4.1%	\$175,837,490	\$148,056,378	⬇	\$1	\$27,781,112	84.2%	4-Feb-19	4-Feb-19	29-Jan-18	-371	⬇	\$56,413,046	<div></div> 32.1%
16	Active	608510	AETS Demolition D6 - TWT	SPS New England	M. Delaney	80655	\$3,349,167	\$502,375	\$0	\$502,375	0.0%	\$4,189,542	\$3,349,167	▬	\$0	\$840,375	79.9%	29-Nov-17	29-Nov-17	29-Nov-17	0	▬	\$0	0.0%
17	Active	608509	AETS Demolition D6- Allston	SPS New England	M. Delaney	80655	\$15,450,993	\$2,317,648	\$0	\$2,317,648	0.0%	\$19,921,643	\$15,450,993	▬	\$0	\$4,470,650	77.6%	28-Nov-17	28-Nov-17	28-Nov-17	0	⬆	\$0	0.0%
18	Active	607971	AETS Demolition D1	J H Maxymillian Inc	M. Delaney	80655	\$1,600,468	\$2,400,070	\$716,126	\$1,683,944	29.8%	\$20,009,537	\$16,721,726	⬆	(\$665,722)	\$3,287,810	83.6%	22-Nov-17	22-Nov-17	7-Nov-17	-15	⬇	\$271,611	<div></div> 1.4%
19	Active	607582	AETS Demolition D6 - Weston	D. W. White Co., Inc.	M. Delaney	80655	\$18,459,701	\$2,768,955	\$0	\$2,768,955	0.0%	\$23,733,661	\$18,459,701	▬	\$0	\$5,273,960	77.8%	30-Nov-17	30-Nov-17	30-Nov-17	0	▬	\$3,464,292	<div></div> 14.6%
20	Active	607581	AETS Demolition D3	Skanska-McCourt JV	M. Delaney	80655	\$39,660,000	\$5,949,000	\$0	\$5,949,000	0.0%	\$48,855,000	\$39,760,000	▬	\$0	\$9,095,000	81.4%	30-Nov-17	30-Nov-17	30-Nov-17	0	⬆	\$794,800	<div></div> 1.6%
21	Active	607580	AETS Demolition D2	The Middlesex Corp.	M. Delaney	80655	\$12,886,638	\$1,932,996	\$0	\$1,932,996	0.0%	\$16,222,634	\$13,774,206	▬	\$0	\$2,448,428	84.9%	30-Nov-17	30-Nov-17	30-Nov-17	0	▬	\$1,894,688	<div></div> 11.7%
22	In Design	606783	I-90 over I-95, over Charles River/Charles Street, Newton-Weston	TBD	K. Lincoln	73274						\$0	\$180,000,000	▬	\$0			1-Sep-21	0-Jan-00	0-Jan-00				0.0%
23	In Design	606475	Allston Viaduct/I-90 Interchange	TBD	N. Brown	80661						\$0	\$844,100,000	⬆	(\$44,100,000)			0-Jan-00	0-Jan-00	0-Jan-00				0.0%
24	In Design	606146	I-95 Ramps & Dedham-Canton St. Improvements , Canton-Norwood-Westwood	TBD	R. Littlefield	73274						\$69,014,560	\$69,859,809	⬆	(\$1,290,827)			1-Nov-21	0-Jan-00	0-Jan-00				0.0%
25	In Design	604952	Belden Bly Bridge -Rte. 107 over Saugus River	TBD	R. Littlefield	80640						\$0	\$49,652,668	▬	\$0			0-Jan-00	0-Jan-00	0-Jan-00				0.0%
26	In Design	604173	N. Washington Street Bridge	TBD	J. Paul	80655						\$112,700,000	\$161,668,523	⬆	(\$26,268,523)			0-Jan-00	0-Jan-00	0-Jan-00				0.0%
27	In Design	601630	Route 18 Widening - Weymouth	TBD	P. Tyrell	73274						\$0	\$86,644,293	⬆	(\$2,554,524)			1-Oct-21	0-Jan-00	0-Jan-00				0.0%
28	Completed- Not Closed	604517	Chelsea River Bridge	J. F. White Contracting, Co., Inc.	W. Moore		\$112,728,287	\$11,272,829	\$20,128,910	(\$8,856,082)	178.6%	\$125,283,155*	\$132,857,197	▬	\$0	(\$7,574,042)	106.0%	6-Apr-12	31-Aug-13	16-Apr-14	740	▬	\$132,857,197	<div></div> 106.0%
29	Completed- Not Closed	600988	Bates Bridge Rtes. 97 & 113 over Merrimack River	Cianbro Corporation	E. Botterman	80638	\$45,151,100	\$4,515,110	\$2,642,555	\$1,872,555	58.5%	\$49,756,810	\$47,552,702	▬	\$0	\$2,204,108	95.6%	20-Jun-14	1-Jun-15	1-Jun-15	346	▬	\$47,552,702	<div></div> 95.6%
30	Completed- Not Closed	603370	Alford Street Bridge on Rte. 99 over Mystic River	SPS New England	J. Allegro	62937	\$49,236,756	\$4,923,676	\$6,714,094	(\$1,790,418)	136.4%	\$54,490,031	\$56,759,876	▬	\$0	(\$2,269,845)	104.2%	6-May-13	31-Dec-14	31-Dec-14	604	▬	\$56,228,313	<div></div> 103.2%
31	Completed- Not Closed	603206	Add-A-Lane I-128 (Contract IV), Dedham-Westwood-Needham	McCourt Construction Co., Inc.	L. Oliverira	80650	\$76,667,033	\$7,666,703	\$1,796,652	\$5,870,052	23.4%	\$88,109,736	\$87,621,798	⬆	(\$517,899)	\$487,938	99.4%	24-Jun-15	31-May-16	31-May-16	342	▬	\$87,103,899	<div></div> 98.9%
32	Completed- Not Closed	604421	Longfellow Bridge - Phase 1	SPS New England	J. Allegro	62937	\$17,773,374	\$1,777,337	\$185,903	\$1,591,434	10.5%	\$19,786,400	\$13,134,744	▬	\$0	\$6,651,656	66.4%	11-Dec-11	11-Dec-11	26-Apr-12	137	▬	\$13,134,744	<div></div> 66.4%
33	Completed- Not Closed	604729	Burns Bridge , Rte. 9 over Lake Quinsigamond, Worc./Shrewsbury	The Middlesex Corp.	J. Allegro	604093	\$89,764,870	\$8,976,487	\$9,027,117	(\$50,630)	100.6%	\$110,278,103	\$107,981,427	⬇	\$12,793	\$2,296,676	97.9%	23-Jan-16	23-Jan-16	13-Nov-15	-71	▬	\$105,108,473	<div></div> 95.3%

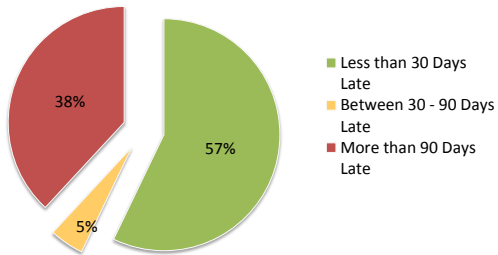
KEY	Contingency (2 Scale)	Budget (4 Scale)	Schedule (3 Scale)
Good	<100%	<90%	<30 Days Late
OK	N/A	90% - 95%	N/A
At Risk	N/A	95% - 100%	30-90 days Late
Over/Late	>100%	>100%	>90 Days Late

- ⬇ - Projected Cost/Days Late Increase from Previous Month  
⬆ - Projected Cost/Days Late Decrease from Previous Month  
▬ - No Change in Projected Budget/Schedule

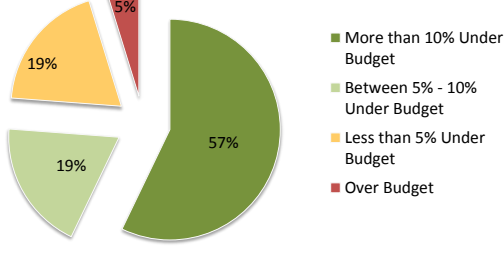
Column Q-S - Based on Final Project Completion/ Full Beneficial Use (FBU) Milestone

\* - AETS achieved its revised "Go-Live" critical milestone date (10/30/2016).

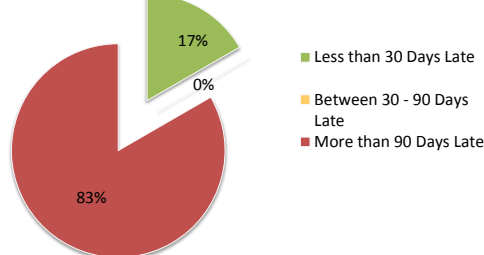
Active Project On-Time Performance



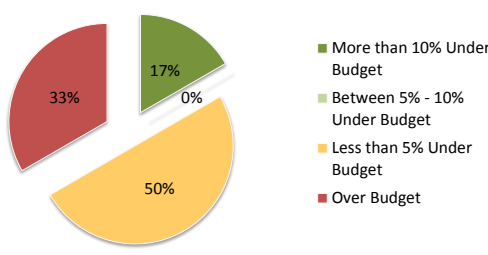
Active Project On-Budget Performance



Completed Project Project On-Time Performance



Completed Project On-Budget Performance



Reporting Data Date: November 30, 2016

Row	Project ID	Project Status	Project	Contractor	Owner's Representative	Comments
1	602984	Active	Crosby's Corner - Concord/Lincoln	D. W. White Co., Inc.	K. Lincoln	Potential EWO for Lincoln Mitigation Area. Cost estimate has risen to between \$.75 - 1 Million. Several EWO's are being resolved. Possible Extra Work Order to revise Lincoln Mitigation Area of approximately \$850,000 under consideration
2	604382	Active	Fore River Bridge on Rte. 3A	White-Skanska-Koch JV(WSK)	L. Oliverira	Due to Sheave fabrication delays and other issues project is trending late. Sept. 2016 Progress Schedule Update is trending -762 calendar days beyond contractual date – no extension of time granted at this time. W-S has not submitted the Oct 2016 Progress Schedule Update.
3	604361	Active	Longfellow Bridge - Rehab	White-Skanska-Consigli JV(WSC)	J. Allegro	Per 7/01/16 Recovery Schedule, F.C. is 817 days late. Parties are working to resolve responsibility via a windows analysis .Contractor continues to experience problems with coatings. An informal estimate of its delay claim – could be \$20M+. Current contract expires 11/15/16. New Administrative time extension until 07/15/2017 (+242 days).
4	601096	Active	Whittier Bridge- I-95 over Merrimack River	Walsh-McCourt-JV	E. Botterman	Added scope & time is due to extensive deterioration on Rte. 110 and Railroad Bridge Decks and redesign of bridge concrete columns, to reduce long term maintenance costs, are major reasons for cost increases. Currently 31 Days behind the extended schedule and is within budget.
5	605223	Active	Fall River, I-195 , Rte. 79/Rte. 138 & Braga Bridge Phase 2	Barletta Heavy Division	M. Delaney	Significant delay in obtaining FCC license for microwave link. ITS has decided to abandon this upgrade. The EWO will be closed out. Current changed encumbrance \$231,447,459. Contractor Notified District of Full Beneficial Use July 7, 2016
6	600703	Active	Route 2 Bridge over I-95 Bridge & I-95 paving , Lexington	SPS New England	L. Oliverira	Safety upgrades to bridge over Lincoln St. & drainage /flood remediation EWO in process. July 29, 2016 informed MassDOT of Full-Beneficial use. Project anticipated early completion.
7	607579	Active	All Electronic Tolling System(AETS) I-90 WT & MHS	Raytheon Company	P. Cavicchi	AETS achieved its revised "Go-Live" critical milestone date (10/30/2016). MassDOT and Raytheon need to settle TEA difference of 21 days. Several retroactive EWO's pending.
8	605181	Active	Methuen Rotary on I-93 @ Rte. 110 & 113	E.T. & L Corp.	E. Botterman	Under Budget and On time. Large Pending EWOs.
9	603711	Active	Add-A-Lane I-128 (Contract V) Needham-Wellesley	Barletta Heavy Division	L. Oliverira	Schedule Update #11 is trending -44 calendar days beyond contractual date
10	606541	Active	Commonwealth Ave. over I-90	Walsh Construction Company	N. Brown	Steel manufacturing conflicts have caused delays. The contract is currently 272 days behind schedule. MBTA new design needs may impact cost. Changed sick time law may also affect costs.
11	605511	Active	Casey Overpass	Barletta Heavy Division	P. Tyrell	Jet Fan procurement delayed Final Completion. Final completion is expected to be delayed 12-18 months, full impacts to budget and schedule are currently being assessed with potentials to mitigate impacts being explored. Additional design flaws may increase costs.
12	604428	Active	Silverline Gateway Phase 1	McCourt Construction Co., Inc.	J. Allegro	Eversource may cause delays.
13	607730	Active	South Coast Rail Bridges	Cardi Construction	J. Wright	Minor improvement on negative float in the contractor's schedule; Milestone 3 is tracking 250 days late. MS 1 tracking 156 Days late due to winter shutdown. After a preliminary TEA for EWO #24, contractor is requesting a 339 day time extension.
14	604660	Active	Woods Memorial Bridge, Rte. 16 over MBTA & Malden River	Judlau-White JV, LLC	E. Botterman	Upcoming MBTA Diversion may impact schedule.
15	607731	Active	Springfield I-91 Viaduct	White-Schiavone, JV	M. Delaney	Necessity to coordinate Viaduct Construction activities to avoid conflicts with MGM Springfield Const. Uncertainty of flagger availability form Pan Am RR. Traffic management issues associated with MGM utility relocation within the viaduct construction area. Delay in design and installation of bridge bearings due to lag in obtaining access permits/flaggers.
16	608510	Active	AETS Demolition D6 - TWT	SPS New England	M. Delaney	Notices to Proceed on August 26, 2016. There is no payment info available yet.
17	608509	Active	AETS Demolition D6- Allston	SPS New England	M. Delaney	Notices to Proceed on August 26, 2016. There is no payment info available yet.
18	607971	Active	AETS Demolition D1	J H Maxymillian Inc	M. Delaney	Notices to Proceed on August 26, 2016. Cost overruns for reflectorized drums (\$5162.25). There is no payment info available yet.
19	607582	Active	AETS Demolition D6 - Weston	D. W. White Co., Inc.	M. Delaney	Notices to Proceed on August 26, 2016.
20	607581	Active	AETS Demolition D3	Skanska-McCourt JV	M. Delaney	Notices to Proceed on August 26, 2016.
21	607580	Active	AETS Demolition D2	The Middlesex Corp.	M. Delaney	Notices to Proceed on August 26, 2016.
22	606783	In Design	I-90 over I-95, over Charles River/Charles Street, Newton-Weston	TBD	K. Lincoln	TBD
23	606475	In Design	Allston Viaduct/I-90 Interchange	TBD	N. Brown	Project is still in conceptual design phase.
24	606146	In Design	I-95 Ramps & Dedham-Canton St. Improvements , Canton-Norwood-Westwood	TBD	R. Littlefield	Design Phase will complete with Contract Award. At this point in time a contract award is expected during the month of November. Utility coordination is critical.
25	604952	In Design	Belden Bly Bridge -Rte. 107 over Saugus River	TBD	R. Littlefield	Original design contract amount (\$2,828,000) no longer valid due to growth in original project scope. Revised budget only partially determined.
26	604173	In Design	N. Washington Street Bridge	TBD	J. Paul	MassDOT participating construction cost is capped at \$115,000,000. The City of Boston is to fund the difference between bid and TFPC cost. Notice To Proceed: Anticipated Fall 2017.
27	601630	In Design	Route 18 Widening - Weymouth	TBD	P. Tyrell	The need for MBTA commuter line shutdowns and changing variance conditions may impact costs. Need to finalize incentive/disincentive plan and design documents.
28	604517	Completed-Not Closed	Chelsea River Bridge	J. F. White Contracting, Co., Inc.	W. Moore	Project closed out & in cost recovery process from COB consultant; therefore, there is no monthly report - Bridge opening on 5/12/2012 Current changed encumbrance \$132,857,197.44.
29	600988	Completed-Not Closed	Bates Bridge Rtes. 97 & 113 over Merrimack River	Cianbro Corporation	E. Botterman	Project in close out phase with one potential for cost recovery item. Current changed encumbrance \$57,083,750
30	603370	Completed-Not Closed	Alford Street Bridge on Rte. 99 over Mystic River	SPS New England	J. Allegro	Need to finalize resolution plan for failed section of grid deck. MassDOT withholding \$1,008,000 pending resolution of this issue.
31	603206	Completed-Not Closed	Add-A-Lane I-128 (Contract IV), Dedham-Westwood-Needham	McCourt Construction Co., Inc.	L. Oliverira	All field work complete. Project close-out has commenced. At least 1 EWO needs to be resolved. Completion date of May 31, 2016 was approved by MassDOT.
32	604421	Completed-Not Closed	Longfellow Bridge - Phase 1	SPS New England	J. Allegro	Remains open due to a lawsuit by SPS (settled and paid by June 2016) Contract closeout package was submitted by district 6 on September 2.
33	604729	Completed-Not Closed	Burns Bridge , Rte. 9 over Lake Quinsigamond, Worc./Shrewsbury	The Middlesex Corp.	J. Allegro	The bridge is fully open to traffic, and the contractor is working on closeout issues. This project is not yet completed due to remaining paint repairs, and resolution of punch list items. \$500K Retainage.



Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Stephanie Pollack, Secretary & CEO  
Thomas J. Tinlin, Administrator

2016

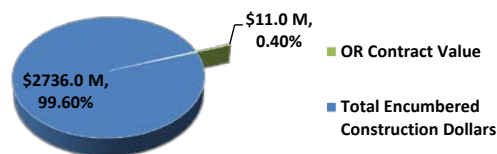
## Owner's Representative Annual Report Metrics



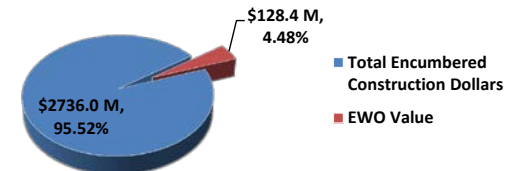
Ref. #	Project ID #	OR Assigned Project	Project Status	Owner Rep. (OR)	OR Organization	Or Contract #	OR Contract Value	Total Encumbered	
								Executed EWO Value	Construction Dollars
1	601096	Whittier Bridge	Active	E. Botterman	Millennium Engineering	62938	\$ 525,000	\$14,131,334	\$328.2 M
2	603370	Alford Street Bridge	Completed, Not Closed	J. Allegro	Allegro Construction Svcs.	62937	\$ 300,000	\$7,452,626	\$54.5 M
3	606541	Commonwealth Ave. over I-90	Active	N. Brown	Bayside Engineering	80661	\$ 434,760	\$0	\$111.8 M
4	606475	Allston Viaduct/I-90 Interchange	In-Design	N. Brown	Bayside Engineering	80661	\$ 576,000	\$0	In-Design
5	604173	N. Washington Street Bridge	In-Design	J. Paul	STANTEC	80655	\$ 650,053	\$73,509	In-Design
6	605511	Casey Overpass	Active	P. Tyrell	STV Incorporated	80656	\$ 327,440	\$1,712,759	\$74.1 M
7	604421	Longfellow Bridge - Phase 1	Completed, Not Closed	J. Allegro	Allegro Construction Svcs.	62937	\$ 247,200	\$185,903	\$19.8 M
7.1	604361	Longfellow Bridge - Rehab	Active	J. Allegro	Allegro Construction Svcs.	62937	\$ 600,000	\$14,121,634	\$303.7 M
8	604517	Chelsea River Bridge	Completed, Not Closed	W. Moore	MassDOT	MassDOT	N/A - MassDOT	\$20,020,558	\$125.3 M
9	604428	Silverline Gateway Phase 1	Active	J. Allegro	Allegro Construction Svcs.	60493	\$ 265,180	\$240,800	\$46.5 M
10	602984	Crosby's Corner - Concord/Lincoln	Active	K. Lincoln	Chappell Engineering Assoc.	80660	\$ 230,407	\$7,062,585	\$48.3 M
11	603206	Add-A-Lane I-128 (IV) Dedham	Completed, Not Closed	L. Oliveira	Axiom Collaborative	80650	\$ 324,000	\$4,526,183	\$88.1 M
12	604660	Woods Memorial Bridge	Active	E. Botterman	Millennium Engineering	80638	\$ 520,128	\$413,837	\$81.3 M
13	607730	South Coast Rail Bridges	Active	J. Wright	Weston & Sampson	80651	\$ 367,750	\$1,625,714	\$49.8 M
14	605223	Fall River, I-195/ Braga Bridge	Active	M. Delaney	Stantec Consulting	80655	\$ 357,100	\$27,031,614	\$227.7 M
15	600988	Bates Bridge	Completed, Not Closed	E. Botterman	Millennium Engineering	62938	\$ 280,000	\$2,917,648	\$49.8 M
16	600703	Route 2 Bridge, Lexington	Active	L. Oliveira	Axiom Collaborative	80650	\$ 225,000	\$2,758,184	\$59.6 M
17	604952	Belden Bly Bridge	In-Design	R. Littlefield	exPERTcon, Inc.	80640	\$ 563,625	\$0	In-Design
18	604382	Fore River Bridge	Active	L. Oliveira	Axiom Collaborative	80650	\$ 670,000	\$2,364,670	\$272.1 M
19	605181	Methuen Rotary	Active	E. Botterman	Millennium Engineering	62938	\$ 325,000	\$1,713,469	\$66.4 M
20	603711	Add-A-Lane I-128 (V) Needham-Wellesley	Active	L. Oliveira	Axiom Collaborative	73274	\$ 650,000	\$8,707,835	\$160.0 M
21	606783	I-90 over I-95, Newton-Weston	In-Design	K. Lincoln	Chappell Engineering Assoc.	73274	\$ 536,423	\$0	In-Design
22	607731	Springfield I-91 Viaduct	Active	M. Delaney	Stantec Consulting	73274	\$ 419,248	\$479,266	\$175.8 M
23	607579	All Electronic Tolling System(AETS)	Active	P. Cavicchi	MassDOT	MassDOT	N/A - MassDOT	\$951,538	\$150.2 M
24	608510	AETS Demolition D6 - TWT	Active	M. Delaney	Stantec Consulting	80655-4	\$ 55,183	\$0	\$4.2 M
24	608509	AETS Demolition D6- Allston	Active	M. Delaney	Stantec Consulting	80655-4	\$ 55,183	\$0	\$19.9 M
24	607971	AETS Demolition D1	Active	M. Delaney	Stantec Consulting	80655-4	\$ 55,183	\$0	\$20.0 M
24	607582	AETS Demolition D6 - Weston	Active	M. Delaney	Stantec Consulting	80655-4	\$ 55,183	\$0	\$23.7 M
24	607581	AETS Demolition D3	Active	M. Delaney	Stantec Consulting	80655-4	\$ 55,183	\$0	\$48.9 M
24	607580	AETS Demolition D2	Active	M. Delaney	Stantec Consulting	80655-4	\$ 316,682	\$887,568	\$16.2 M
25	601630	Route 18 Widening - Weymouth	In-Design	P. Tyrell	STV Incorporated	73274	\$ 300,000	\$0	In-Design
26	604729	Burns Bridge	Completed, Not Closed	J. Allegro	Allegro Construction Svcs.	73274	\$ 203,280	\$9,062,960	\$110.3 M
27	606146	I-95 Ramps, Canton-Norwood-Westwood	In-Design	R. Littlefield	exPERTcon Inc.	73274	\$ 534,060	\$0	In-Design
<b>Total</b>							<b>\$11.0 M</b>	<b>\$128.4 M</b>	<b>\$2,736.0 M</b>

Data Source: DCD/OR Monthly  
Data Date: DCD: 12/01/16

### Total OR Program Cost Overview

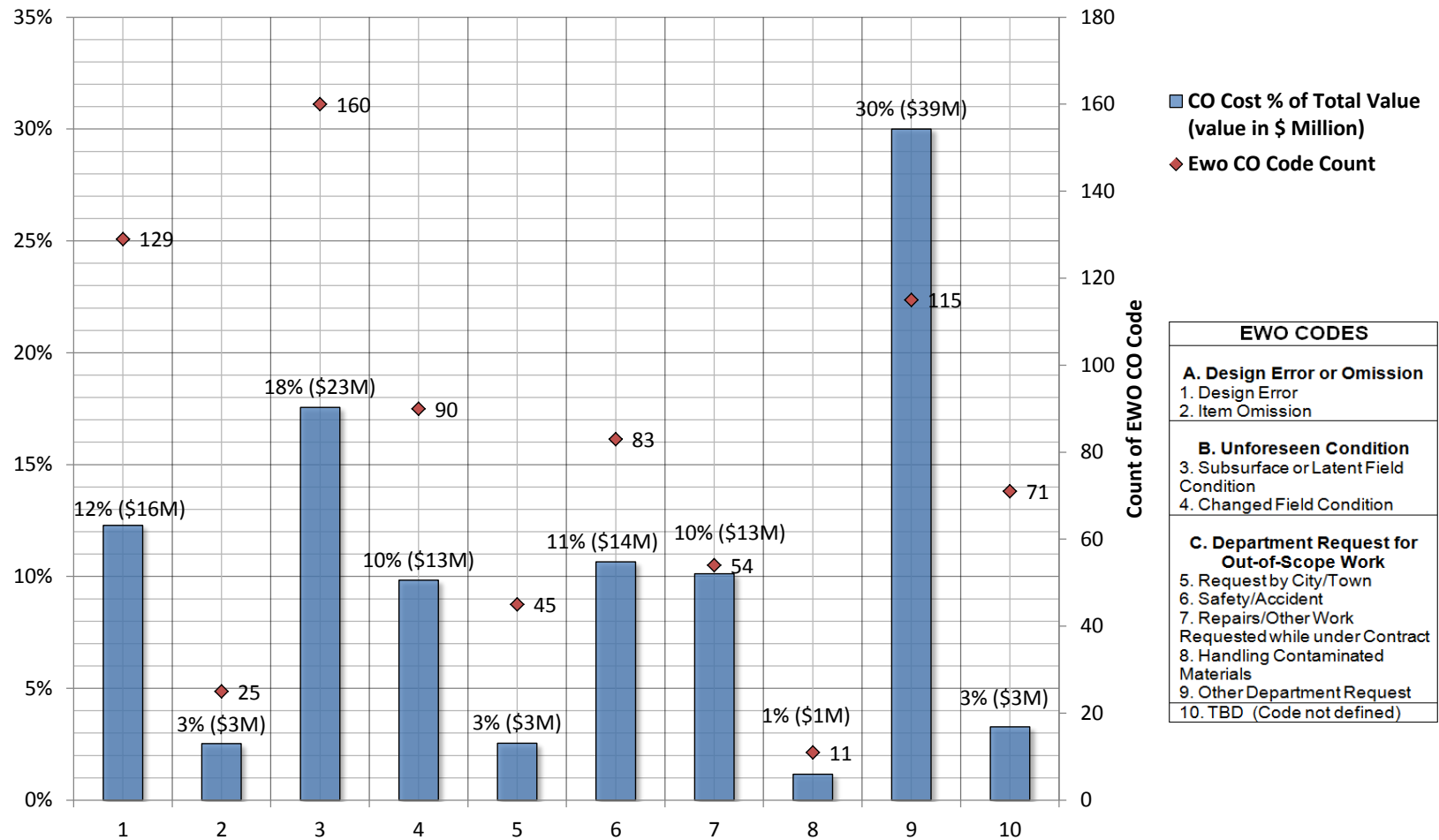


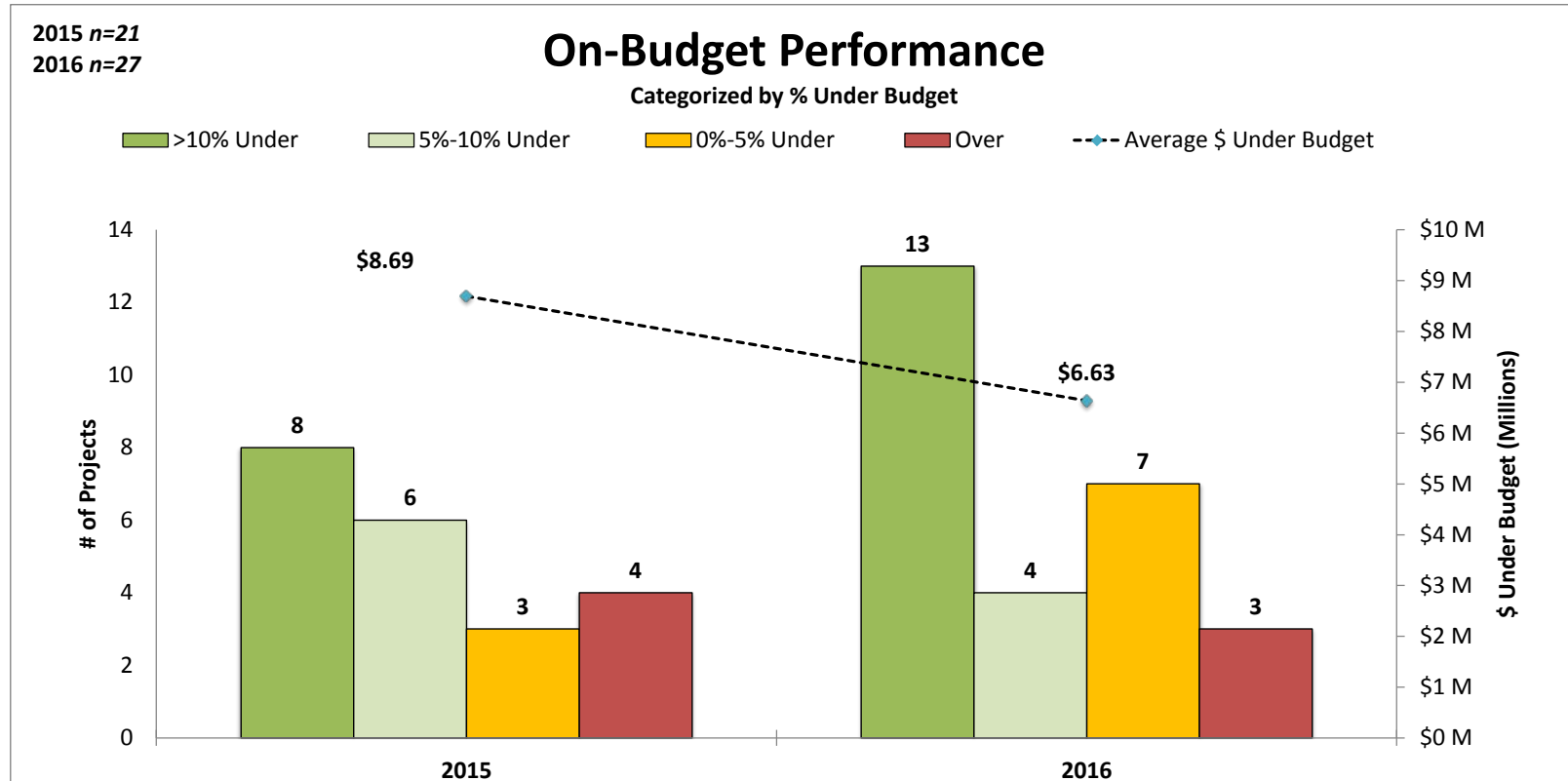
### Total OR EWO Cost Overview



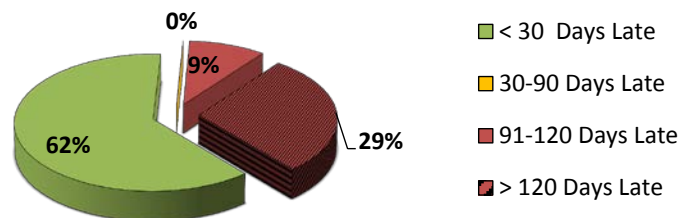


## Quantity and Cost of Extra Work Orders (EWOs) by Complete OR Program

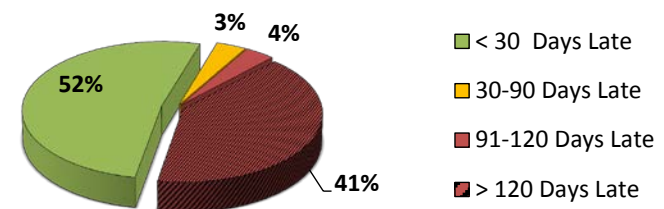




**2015 On-Time Performance by Percent (%) of Annual Total**

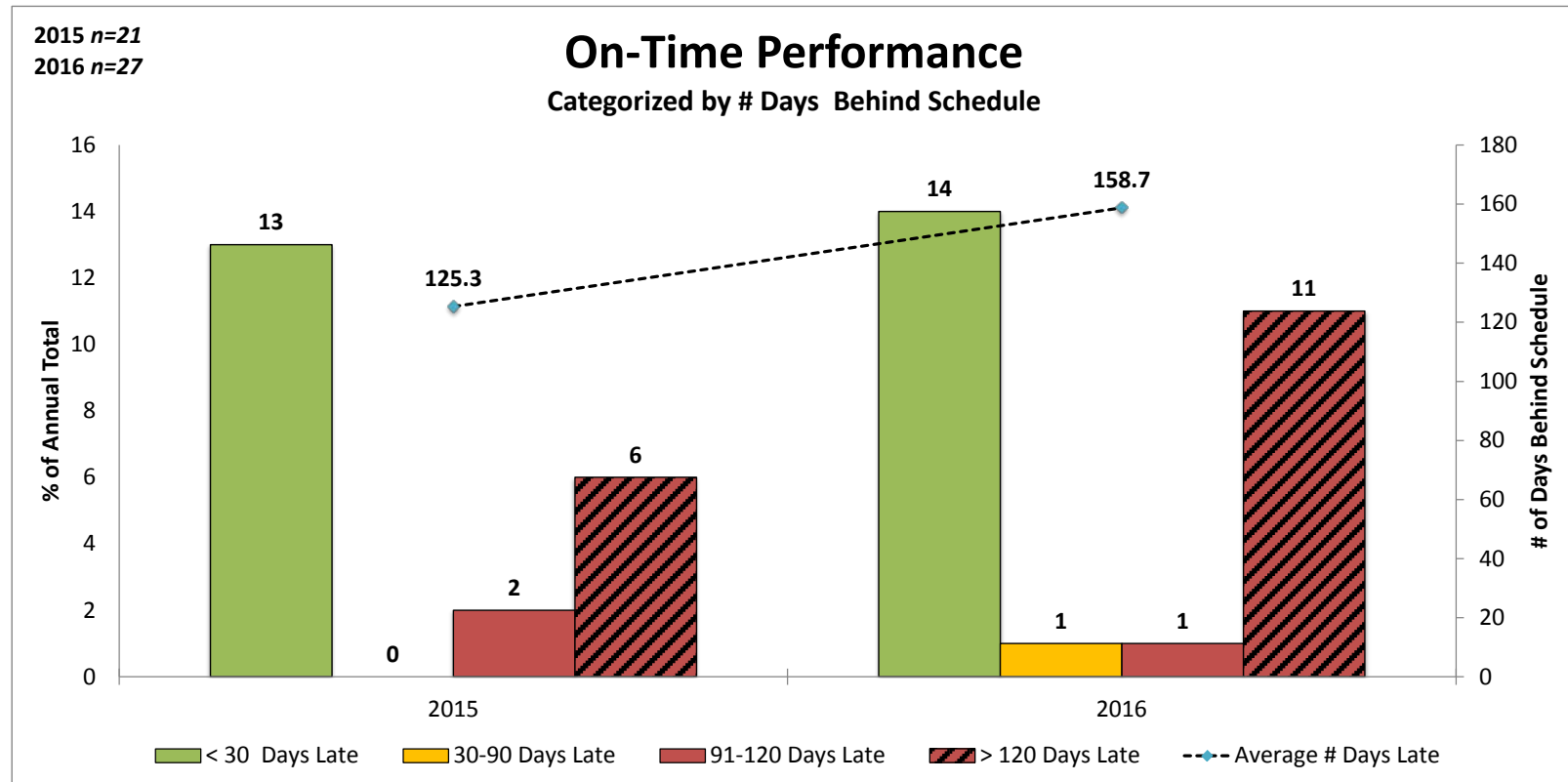


**2016 On-Time Performance by Percent (%) of Annual Total**

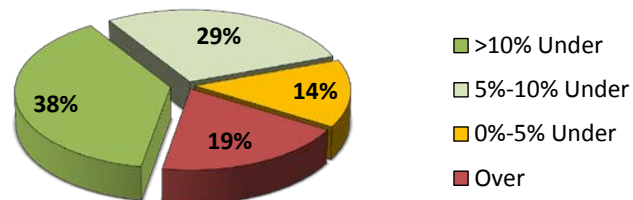


Data represents all "Active" and "Completed-Not-Closed" OR projects in November 2015 (21 Total projects) and November 2016 (27 Total projects).

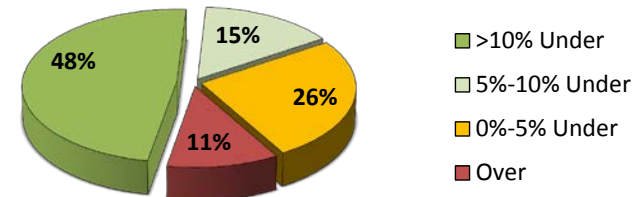




**2015 On-Budget Performance by Percent (%) of Annual Total**



**2016 On-Budget Performance by Percent (%) of Annual Total**

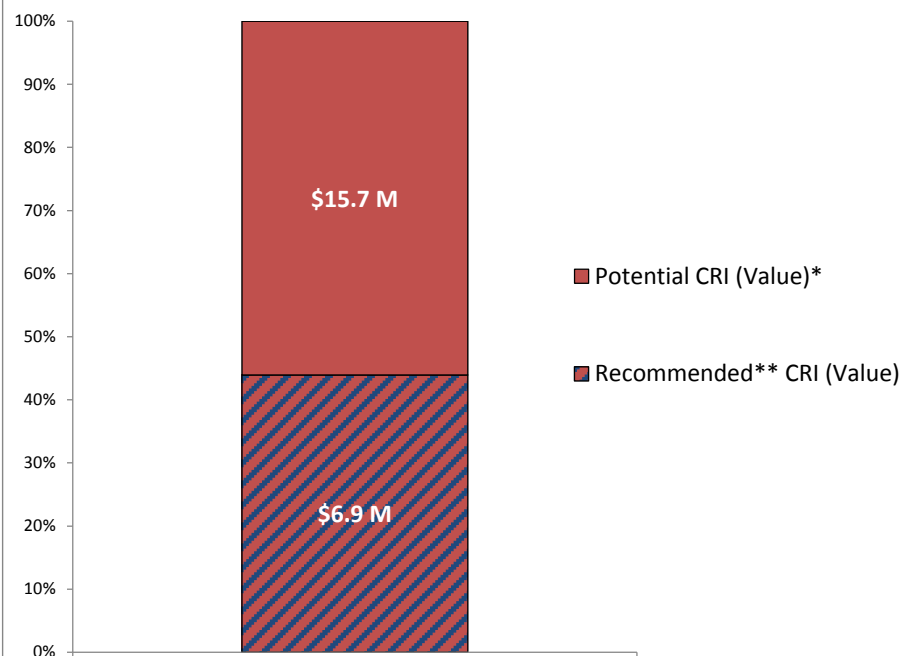


Data represents all "Active" and "Completed-Not-Closed" OR projects in November 2015 (21 Total projects) and November 2016 (27 Total projects).

2016  
 Owner's Representative Annual Report Metrics

	Potential* CRI (Value)	Potential* CRI (Count)	Recommended** CRI (Value)	Recommended** CRI (Count)	Approved*** CRI (Value)	Approved*** CRI (Count)
<b>Chelsea River Bridge</b>	\$9.1 M	67	\$6.4 M	45		
Longfellow Bridge Rehab	\$1.6 M	4				
Bates Bridge	\$1.5 M	9	\$0.5 M	4		
Add-A-Lane Needham (V)	\$1.0 M	4				
Fall River/ Braga Bridge	\$0.8 M	4				
Crosby's Corner	\$0.8 M	9				
<b>Alford St. Bridge</b>	\$0.3 M	2				
Fore River Bridge	\$0.3 M	3				
Burns Bridge	\$0.2 M	1				
Springfield I-91 Viaduct	\$0.1 M	1				
Longfellow Bridge Phase 1	\$0.1 M	1				
Add-A-Lane Dedham (IV)	\$0.0 M	2				
<b>N. Washington St. Bridge</b>	\$0.0 M	2				
South Coast Rail Bridges	\$0.0 M	1				
<b>Totals</b>	<b>\$15.7 M</b>	<b>110</b>	<b>\$6.9 M</b>	<b>49</b>	<b>\$0.0 M</b>	<b>0</b>

OR Cost Recovery Summary



\*Potential Cost Recovery Issues (CRIs) reviewed by the Cost Recovery Committee are Design Error Extra Work Orders (EWOs) valued over \$5,000.

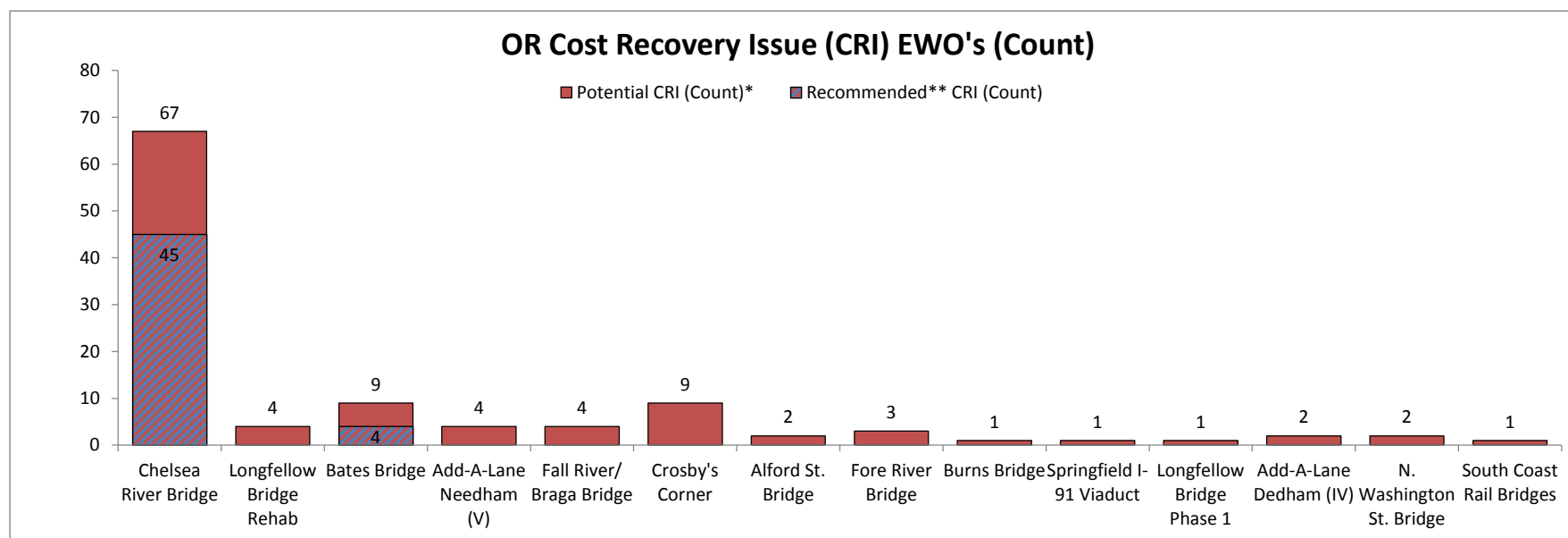
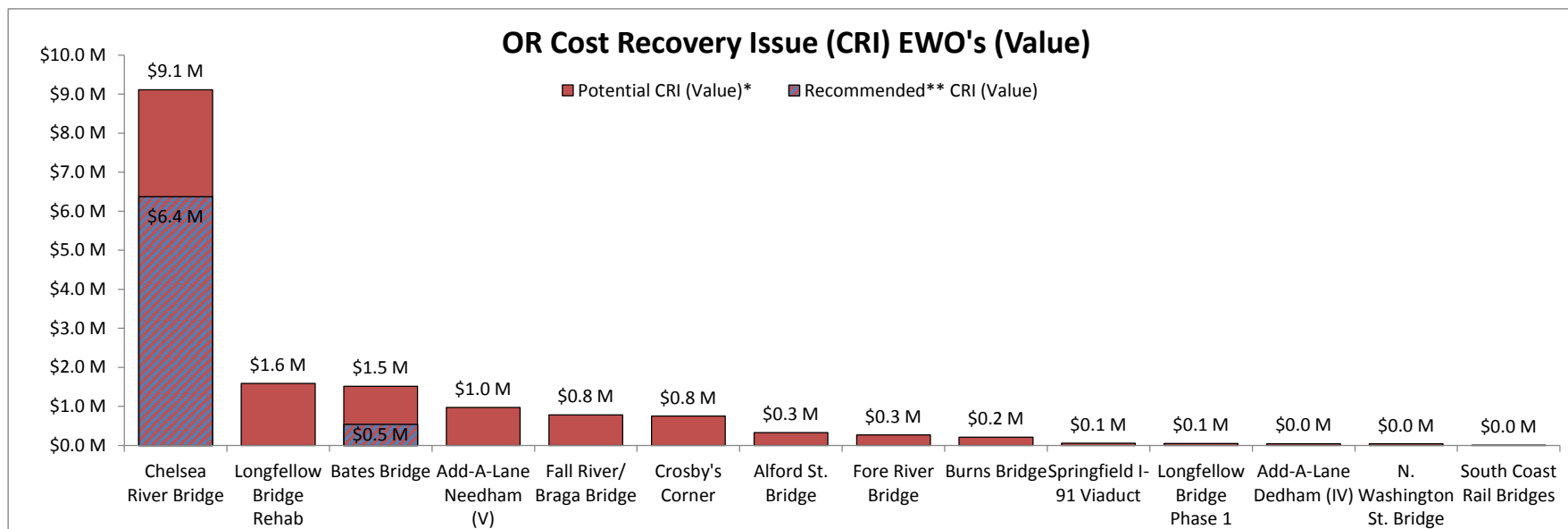
\*\*Recommended CRI: The Cost Recovery Committee has deemed all or part of the CRI EWOs to be recoverable. Letters have been sent to the contractor to resolve the open CRIs.

\*\*\*Accepted by both MassDOT and Contractor

Projects listed in **Bold** are design phase managed by municipalities

Data Source: **DCD/OR Monthly**

Data Date: DCD: **12/01/16** - OR: **10/30/16**



Upcoming OR Eligible Projects\*

	Project ID	Project Name	Railroad (Y/N)	Status	Adv Date	Sum of Total Cost
Projects Greater than \$50 Million	608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET		Design	11/9/2019	\$81,290,000
	608405	MILTON- MASSDOT CENTRAL MAINTENANCE FACILITY (CMF) & HIGHWAY OPERATIONS CENTER (HOC) RELOCATION & CONSTRUCTION AT GRANITE AVENUE		Design	11/4/2017	\$68,650,400
	606552	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	Yes	25%	8/3/2019	\$67,402,963
	605306	HAVERHILL- SUPERSTRUCTURE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER		25%	10/21/2017	\$60,223,040
	602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002		Design	12/28/2019	\$57,426,624
	605957	BOSTON- CHELSEA- DECK REHABILITATION ON TOBIN BRIDGE, B-16-017, FROM C4 TO C30 (PHASE VII) INCLUDING STRUCTURAL STEEL REPAIRS TO CHELSEA CROSS-GIRDERS & RELATED WORK TO EVERETT STREET ON-RAMP, CLEANING AND PAINTING		Advertised	10/22/2016	\$54,096,000
Projects Less than \$50 Million	606553	HANOVER- NORWELL- BRIDGE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)		Advertised	9/24/2016	\$40,215,346
	29492	BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)		Advertised	9/24/2016	\$38,432,742
	606308	WORCESTER- CONSTRUCTION AND RELOCATION OF DISTRICT 3 ADMINISTRATION BUILDING ON PLANTATION PARKWAY		100%	1/7/2017	\$37,260,000
	606467	HOLYOKE- WEST SPRINGFIELD- SUPERSTRUCTURE REPLACEMENT ON I-91: H-21-058=W-21-039 (SB), W-21-037 (NB), W-21-038 (SB) & W-21-042 & BRIDGE PRESERVATION OF W-21-040		Design	2/9/2019	\$35,750,000
	605328	RAYNHAM- BRIDGE REPLACEMENT, R-02-013 (3PA), US 44 (CAPE HIGHWAY) OVER SR 24		25%	8/5/2017	\$30,480,734
	605959	BOSTON- CHELSEA- STRUCTURAL CLEANING & PAINTING, STEEL REPAIRS, DECK REPAIRS AND RESURFACING ON TOBIN BRIDGE, B-16-017		Design	6/16/2018	\$30,140,000

All Eligible OR Projects (Greater than \$50 M; between \$40 M and \$50 M; and Between \$30M and \$40 M)\*

	Project ID	Project Name	Railroad (Y/N)	Status	Adv Date	Sum of Total Cost
Projects Greater than \$50 Million	606475	BOSTON- REPLACEMENT OF ALLSTON I-90 ELEVATED VIADUCT, B-16-359, INCLUDING INTERCHANGE RECONSTRUCTION BEACON PARK YARD LAYOVER & WEST STATION	Yes	Design	10/1/2022	\$433,750,000
	607977	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE		Design	8/22/2020	\$269,866,667
	605605	WOBURN- READING- STONEHAM-WAKEFIELD- INTERCHANGE IMPROVEMENTS TO I-93/I-95		Design	8/7/2021	\$266,088,971
	606146	CANTON- DEDHAM- NORWOOD- INTERCHANGE IMPROVEMENTS AT I-95/I-93/UNIVERSITY AVENUE/I-95 WIDENING INCLUDING 10 BRIDGES AND 9 MULTI-USE PATH/PEDESTRIAN BRIDGES		Advertised	9/19/2015	\$232,617,033
	606783	NEWTON- WESTON- BRIDGE REHABILITATION, N-12-066, N-12-073, N-12-067, I-90 OVER I-95, CHARLES RIVER, CHARLES STREET & MBTA/CSX & N-12-078=W-29-062, AUBURNDALE PEDESTRIAN BRIDGE OVER CHARLES RIVER & THE 3 RAMP G BRIDGES (DESIGN-BUILD)	Yes	Design	10/1/2050	\$220,800,000
	606528	SOMERVILLE- BRIDGE REHABILITATION/REPLACEMENT, S-17-031, I-93 OVER TEMPLE STREET		Design	10/1/2050	\$212,096,800
	605012	MALDEN- REVERE- SAUGUS- RECONSTRUCTION & WIDENING ON ROUTE 1, FROM ROUTE 60 TO ROUTE 99		Design	3/20/2021	\$165,000,000
	606459	SPRINGFIELD- VIADUCT REHABILITATION OF S-24-061 ON I-91 (COMPLETION PROJECT)		Design	10/1/2050	\$156,020,000
	605199	ANDOVER- TEWSKBURY- WILMINGTON- NEW INTERCHANGE CONSTRUCTION ON I-93 BETWEEN INTERCHANGES 41 & 42		Design	10/10/2020	\$143,017,500
	608128	BOSTON- SOUTHEAST EXPRESSWAY MODIFICATIONS & EXPANSION OF THE HOV LANE		Design	9/26/2020	\$137,500,000
	606226	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE		Design	10/23/2021	\$133,367,600
	604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR		75%	8/5/2017	\$122,496,000
	606527	NEW BEDFORD- SUPERSTRUCTURE REPLACEMENT, N-06-020, I-195 (EB & WB) RAMP C & F OVER ST 18, COUNTY STREET, STATE STREET, MASS COASTAL RAILROAD, PURCHASE STREET, WELD STREET, INCLUDES REPLACING N-06-046, I-195 (EB) RAMP F OVER WELD STRE	Yes	25%	10/1/2050	\$112,169,993
	605287	CHELSEA- BRIDGE BETTERMENT, C-09-007, ROUTE 1 OVER ARLINGTON & 5TH STREET/MBTA RAILROAD/SPRUCE STREET	Yes	Design	12/5/2020	\$110,000,007
	606109	FRAMINGHAM- INTERSECTION IMPROVEMENTS @ ROUTE 126/135/MBTA & CSX RAILROAD	Yes	Design	10/5/2024	\$110,000,000
	606476	BOSTON- ROADWAY, CEILING & WALL RECONSTRUCTION, NEW JET FANS, AND OTHER CONTROL SYSTEMS IN SUMNER TUNNEL		100%	10/1/2050	\$100,309,991
	602091	CONCORD- IMPROVEMENTS & UPGRADES TO CONCORD ROTARY (ROUTE 2/2A/119)		Design	10/1/2020	\$99,412,500
	601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	Yes	Advertised	9/24/2016	\$82,757,337
	608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET		Design	11/9/2019	\$81,290,000
	608396	LYNN- REVERE- BRIDGE RECONSTRUCTION, L-18-015=R-05-008, ROUTE 1A OVER SAUGUS RIVER		Design	10/1/2050	\$74,750,000
	608405	MILTON- MASSDOT CENTRAL MAINTENANCE FACILITY (CMF) & HIGHWAY OPERATIONS CENTER (HOC) RELOCATION & CONSTRUCTION AT GRANITE AVENUE		Design	11/4/2017	\$68,650,400
	606552	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	Yes	25%	8/3/2019	\$67,402,963
	607887	LOWELL- ROURKE BRIDGE REPLACEMENT, L-15-088, WOOD STREET EXTENSION OVER BOSTON AND MAINE RAILROAD AND MERRIMAC RIVER	Yes	Design	3/6/2021	\$66,000,000
	605304	HAVERHILL- BRIDGE REPLACEMENT, H-12-007 & H-12-025, BRIDGE STREET (SR 125) OVER THE MERRIMACK RIVER AND THE ABANDONED B&M RR (PROPOSED BIKEWAY)		Design	10/1/2050	\$63,437,220
	605306	HAVERHILL- SUPERSTRUCTURE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER		25%	10/21/2017	\$60,223,040
	602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002		Design	12/28/2019	\$57,426,624
	604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)		25%	8/4/2018	\$55,058,528
	605957	BOSTON- CHELSEA- DECK REHABILITATION ON TOBIN BRIDGE, B-16-017, FROM C4 TO C30 (PHASE VII) INCLUDING STRUCTURAL STEEL REPAIRS TO CHELSEA CROSS-GIRDERS & RELATED WORK TO EVERETT STREET ON-RAMP, CLEANING AND PAINTING		Advertised	10/22/2016	\$54,096,000
	605888	TAUNTON- INTERCHANGE IMPROVEMENTS AT ROUTES 24 & 140, INCLUDING REPLACING T-01-046		Design	10/1/2050	\$53,570,000
	606265	BOSTON- BRIDGE REHABILITATION, B-16-184, NORTHERN AVENUE OVER THE FORT POINT CHANNEL		Design	1/5/2030	\$52,608,710
	607981	SOMERVILLE- MCGRATH BOULEVARD CONSTRUCTION		Design	10/7/2023	\$52,190,688
	606307	MIDDLEBOROUGH- ROTARY IMPROVEMENTS @ ROUTES 44/28/18		Design	11/19/2022	\$51,600,000
Projects between \$40 - \$50 Million	605527	BOSTON- CAMBRIDGE- BRIDGE REHABILITATION, B-16-006=C-01-005, CAMBRIDGE ST/CHARLES RIV (RIVER ST BRIDGE) & B-16-377, CAMBRIDGE ST/SOLDIERS FIELD RD, B-16-010=C-01-006, WESTERN AVE/CHARLES RIV(WESTERN AVE BRIDGE) & B-16-375 WESTERN AVE/SOLDIERS FIELD RD		Final	10/1/2050	\$48,864,844
	608408	BOSTON- MILTON- BRIDGE REPLACEMENT, B-16-022=M-25-001, GRANITE AVENUE OVER NEPONSET RIVER		Design	10/1/2050	\$46,000,000
	608074	BOSTON- REMOVAL AND REPLACEMENT OF THE TED WILLIAMS TUNNEL CEILING SYSTEM (CRC 14A - DESIGN ONLY)		Design	10/1/2050	\$46,000,000
	608397	GLOUCESTER- BRIDGE RECONSTRUCTION, G-05-002, WESTERN AVENUE OVER BLYNMAN CANAL		Design	10/1/2050	\$46,000,000
	605276	BEVERLY- SALEM- DRAWBRIDGE REPLACEMENT/REHABILITATION, B-11-005=S-01-013, KERNWOOD AVENUE OVER DANVERS RIVER		Design	11/7/2020	\$45,674,200
	606553	HANOVER- NORWELL- BRIDGE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)		Advertised	9/24/2016	\$40,215,346
Projects between \$30-\$40 Million	29492	BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)		Advertised	9/24/2016	\$38,432,742
	606308	WORCESTER- CONSTRUCTION AND RELOCATION OF DISTRICT 3 ADMINISTRATION BUILDING ON PLANTATION PARKWAY		100%	1/7/2017	\$37,260,000
	606467	HOLYOKE- WEST SPRINGFIELD- SUPERSTRUCTURE REPLACEMENT ON I-91: H-21-058=W-21-039 (SB), W-21-037 (NB), W-21-038 (SB) & W-21-042 & BRIDGE PRESERVATION OF W-21-040		Design	2/9/2019	\$35,750,000
	605328	RAYNHAM- BRIDGE REPLACEMENT, R-02-013 (3PA), US 44 (CAPE HIGHWAY) OVER SR 24		25%	8/5/2017	\$30,480,734
	605959	BOSTON- CHELSEA- STRUCTURAL CLEANING & PAINTING, STEEL REPAIRS, DECK REPAIRS AND RESURFACING ON TOBIN BRIDGE, B-16-017		Design	6/16/2018	\$30,140,000

	Projects Highlighted in Yellow Have been assigned OR's
*	List based on 2016 CIP Funded Projects