

**MASSACHUSETTS DEPARTMENT OF TRANSPORTATION**  
**STRUCTURES INSPECTION FIELD REPORT**  
**SPECIAL MEMBER INSPECTION**

CITY/TOWN <b>Boston</b>	8 - STRUCTURES NO. <b>B16295-B82-PRI-BLD</b>	11 - MILE POINT	90 - ROUTINE INSP. DATE <b>10/15/2008</b>	93 - *SPEC. MEMB. INSP. DATE <b>4/4/2012</b>
07 - FACILITY CARRIED <b>Interstate 90 - Eastbound &amp; Westbound</b>	MEMORIAL NAME / LOCAL NAME <b>Prudential Tunnel</b>	27 - YR BUILT <b>0000</b>	106 - YR REBUILT <b>0000</b>	*YR REHAB'D (NON 106) <b>0000</b>
06 - FEATURES INTERSECTED <b>Shaws Market</b>	26 - FUNCTIONAL CLASS <b>Principal Arterial-Interstate-Urban</b>	TEAM LEADER <b>A. Kurian, P.E.</b>		
INSPECTION ENGINEER <b>M. P. Griffin, P.E.</b>	22 - OWNER <b>Private</b>	43a - CONSTRUCTION TYPE <b>Cast In Place</b>	QA/QC <b>D. Reip, P.E.</b>	
CONTRACT(S)	WEATHER <b>Varied</b>	43b - STRUCTURE TYPE <b>Building</b>	TEAM MEMBERS <b>S. Gambarov, E. Mena</b>	

**SPECIAL MEMBER(S):**

MEMBER	CONDITION		Deficiencies	COMMENTS
	PREVIOUS (0-9)	PRESENT (0-9)		
A ITEM 62c.17 - Conc. Panel Utility Sup	3	3	S/A	See remarks in comments section.
B				
C				
D				
E				

List of field tests performed:

(Overall Previous Condition)	I-62a	I-62b	I-62c	I-62d	I-62e	I-62f	I-62g
		4					
(Overall Current Condition)			4				

**DEFICIENCY:** A defect in a structure that requires corrective action.

**CATEGORIES OF DEFICIENCIES:**

- C-H = Critical-Hazard Deficiency** - A deficiency in a component or element of a tunnel that poses an extreme hazard or unsafe condition to the public, but does not impair the structural integrity of the tunnel. Examples include but are not limited to: Loose concrete hanging down over traffic, loose bolts supporting ceiling panels, missing section of roadway joint, etc.
- C-S = Critical-Structural Deficiency** - A deficiency in a structural element in a tunnel that poses an extreme unsafe condition to the public due to a failure or an imminent failure of the element that will affect the structural integrity of the tunnel.
- M = Minor Deficiency** - Deficiencies which are minor in nature, generally do not impact the structural integrity of the tunnel and could easily be repaired. Examples include but are not limited to: Spalled concrete, minor potholes, minor corrosion to steel, clogged drainage, etc.
- S = Severe/Major Deficiency** - Deficiencies which are more extensive in nature and need more planning and effort to repair. Examples include but are not limited to: moderate to major deterioration in concrete, exposed and corroding rebar, considerable settlement, considerable leaking, moderate to extensive corrosion to steel with measurable loss of section, etc.

**URGENCY OF REPAIR:**

- I = Immediate** - (Inspector(s) stay at the bridge until District Maintenance crew or the responsible Agency crew (if not a State bridge) show up and corrective action is taken).
- A = ASAP** - [Action will be taken by District Maintenance Engineer or the Responsible Agency (if not a State owned bridge) upon receipt of the Inspection Report].
- P = Prioritize** - [Shall be prioritized by District Maintenance Engineer or the Responsible Agency (if not a State owned bridge) and repairs made when funds and/or manpower available].