

INSPECTOR CHECKLIST: 202 - BRIDGE DEMOLITION

Inspection Item	Yes	No	N/A	Remarks
PRE-CONSTRUCTION				
1				Safety Critical/Bridge Removal Plan submitted and approved?
2				Has Bridge Removal Conference been held at least seven (7) days prior to the beginning of removal operations? Are Minutes from the conference complete and available to field personnel so key contact information and sequence of removal are available during removal operations?
3				Is temporary falsework, bracing, or shoring required? Have drawings been submitted and approved?
4				Limits of removals marked?
5				Items designated for removal measured?
6				Existing conditions documented (survey monuments, utilities, existing structures, landscaping/fencing, water elevations, etc.)?
7				Have existing utilities been located? Marked? Deenergized? Protected? Conflicts resolved? Have equipment offsets from utilities been discussed?
8				Are roadway protections in place (timber cribbing, falsework/shoring, rubber mats, netting, etc.)?
9				Are railway permits required and obtained? Are flaggers and/or railroad representatives scheduled?
10				Have light rail lines been deenergized? Are flaggers and/or light rail representatives scheduled?
11				Are SWPPP measures in place to protect existing conditions and bodies of water? Are water detours in place per plan?
12				Have MHT plans been submitted and approved? Have they been installed per plan?
13				Are there designated areas for QA staff to safely witness removals? Have stopping points been determined to allow for inspection?
14				Are there fire control measures on site?
15				Are spill kits on site?
16				Have hazardous materials been identified and is the Contractor prepared to mitigate these hazards (lead-based paint, asbestos, slurry, etc.)?
17				Have emergency response agencies been notified 24 hours in advance of work?
CONSTRUCTION				
18				Is the Contractor's Engineer on site as required per Section 202: Removal of Bridge?
19				Have all sawcuts been performed and are they at the proper line, grade, and depth?
20				Have bridge components (columns, abutments, footings, etc.) been removed to the proper depth?
21				Are protected elements (reinforcing steel, existing bridge components, etc.) free of damage?

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22	Is the Phasing and Schedule being followed per the approved Safety Critical/Bridge Removal Plan?				
23	Are proper hammer sizes and equipment being used for specified removals?				
24	Is dust being maintained? Are environmental, HAZMAT, and other safety plans being followed?				
25	For multi-day operations, has the Contractor provided a Daily Report and ensured the area and structure are safe to leave in its condition overnight?				
POST-CONSTRUCTION					
26	Have cavities left by removals been filled and compacted?				
27	Before opening back to traffic, has roadway been cleared of loose materials/debris? Has the roadway been swept? Is the roadway free of damage and safe to open to public? Have vertical clearances been checked?				
28	Have railroad or light rail facilities been reenergized and ready for operation?				
29	Have dimensions of remaining elements been identified and left per plan? Are remaining elements free of damage and structurally sound?				
30	Has QA received copy of written approval from Contractor's Engineer that removal has been performed per approved Safety Critical/Bridge Removal Plan?				
<p>PLEASE NOTE THAT THE INTENT OF THESE CONSTRUCTION QUALITY ASSURANCE OBSERVATION CHECKLISTS ARE TO ASK QUESTIONS REGARDING OBSERVATION DUTIES THAT WILL PROMPT THE CONSTRUCTION OBSERVERS TO RESEARCH SOURCE DOCUMENTS TO DETERMINE ANSWERS. THEY DO NOT SERVE AS A REPLACEMENT TO REVIEWING AND KNOWING ALL SPECIFICATIONS AND SOURCE DOCUMENTS. SOURCE DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO: ATSSA QUALITY STANDARDS FOR WORK ZONE TRAFFIC CONTROL DEVICES; M&S STANDARDS; CONSTRUCTION BULLETINS; CONSTRUCTION MANUAL; SURVEY MANUAL; EROSION CONTROL MANUAL; HMA PAVING HANDBOOK; MUTCD; MATERIALS MANUAL; MATERIALS BULLETINS; PROJECT PLANS; STANDARD SPECIFICATIONS; PROJECT SPECIAL PROVISIONS; PROJECT STAND SPECIAL PROVISIONS; ETC. THE OBSERVER SHOULD ALSO CONSULT WITH THE CONSTRUCTION QUALITY ASSURANCE MANAGER AND OTHER EXPERIENCED PERSONNEL IF FURTHER CLARIFICATION IS REQUIRED.</p>					