Inspector Checklist

Inspector: 
Date: 
BIN: 
Lifting stage number: 

Lifting location: ☐ Begin Abutment ☐ End Abutment  
☐ Pier    Pier Number(s):_______________________________________

Number of points lifted in this stage: 

### Preparing for the structural lifting operation:
- Have you read section 585 in the Standard Specifications? ☐ Yes ☐ No
- Have you reviewed contract plans, details, and notes related to the structural lifting operation? ☐ Yes ☐ No
- Have you reviewed the DCES approved structural lifting submittal? ☐ Yes ☐ No
- Has the Bridge Safety Assurance group been notified of the start date 14 days prior to the structural lifting operation? ☐ Yes ☐ No

What is the structural lifting submittal approval date? 

Contractor’s Lifting Method:  
☐ Temporary Columns  
☐ Lifting off Diaphragms  
☐ Lifting off Pedestal/Bridge Seat  
☐ Front of Ex. Bearings ☐ Behind Ex. Bearings  
☐ Lifting off Corbel/Bracket  
☐ Abutment ☐ Pier  
☐ Other: __________________________________________________________

### Existing field conditions:
- Have you performed pre-lift inspection of designated lift area(s)? ☐ Yes ☐ No
- ☐ Acceptable Condition ☐ Unacceptable Condition
- If Unacceptable, what repairs are required prior to Structural Lift?__________________________________________
- Were photos taken of the unacceptable condition(s)? ☐ Yes ☐ No ☐ N/A
- Have all existing utilities been identified/relocated in vicinity of structural lift? ☐ Yes ☐ No
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Have all bridge components that could hinder the lifting operation (such as railing joints, utility lines, joints) been disconnected? □ Yes □ No

**Prior to the structural lifting operation:**
Does the Contractor have a copy of the approved structural lifting submission on-site? □ Yes □ No

Do the installed jacks match the make and model specified on the approved working drawings? □ Yes □ No

Are the jacks calibrated (calibration certificates or other documentation received)? □ Yes □ No

Are all the structural lifting system components installed as per the approved lifting submittal? □ Yes □ No

Does the lifting system have lateral and longitudinal stability? □ Yes □ No

Are concrete anchors being used?
- If yes, were the anchors installed by a certified ACI/CRSI Adhesive Anchor Installer? □ Yes □ No
- Is the grout on the Approved List? □ Yes □ No
- If required, were pull-out tests performed on anchors? □ Yes □ No

**Structural lifting system in service:**
Does the lifted structure have lateral and longitudinal stability? Refer to the stability narrative in approved lifting submittal. □ Yes □ No

Has the structural lifting system been inspected on a monthly basis? □ Yes □ No

**Completion of the structural lifting operation**
Has the Bridge Safety Assurance group been notified of the end date of the structural lifting operation (refer to lifting submittal approval memo)? □ Yes □ No

If applicable, have temporary A490 bolts been replaced with A325 bolts and painted to match? □ Yes □ No