

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures

Title: Falsework

Structure Name
Plan Reference Number
Member
Station
Offset
Plan Approval Date

Attribute Numbers	Compliance	Narratives	References
0.		All stakeholders participated in a pre-activity meeting (discuss pour schedules, steel placement, steel and formwork inspection, concrete, consolidation, finish, texture, cure, and traffic and safety issues).	Construction Manual 601-3.02 (C) Construction Manual 601-3.03 (A) Standard Specification 601-3.03 (A)
1.		The contractor safety plan has been reviewed and approved by the engineer and is being followed. The plan shall satisfy occupational safety guidelines in all construction activities involved in the project. For additional information, refer to ADOT Standard Specification 107.08.	OSHA 29 CFR Part 1910 OSHA 29 CFR Part 1926 Standard Specifications 107.08
2.		Has the Contractor Engineer submitted falsework drawings and calculations for approval?	Standard Specifications 105.03 Standard Specifications 601-3.02 (A)
3.		If traffic will travel through the falsework, have ADOT Traffic Operations Center, the District Permit Office, and the local government officials (police, fire, and traffic) been notified of the clearance?	Construction Manual 601-3.02

4.		Is the soil firm, stable, and is there uniform contact under the mudsill; is the top of the mudsill at footing level?	Standard Specifications 601-3.02 (B)
5.		Are the mudsill and/or footings protected from washout or undermining with proper surrounding drainage?	Standard Specifications 601-3.02 (B)
6.		Is the mudsill or footing set back reasonably far enough from the edge or toe of slopes?	Standard Specifications 601-3.02 (B)
7.		Are the wedges tight and only double wedges used between the mudsill and the supporting post?	Standard Specifications 601-3.02 (B)
8.		Are steel beams the correct shape and examined for deformations (holes or damaged areas) that could affect the carrying capacity?	Standard Specifications 601-3.02 (A)
9.		Are timbers free of noticeable defects for grades specified (splits, open knots, rots, and cuts)?	Standard Specifications 601-3.02 (A)
10.		Is the size, spacing, length, and grade of materials used the same as those shown on the approved drawings?	Standard Specifications 601-3.02 (A)
11.		Are the vertical members plumb and the horizontal member's level?	Construction Manual 601-3.02
12.		Have telltales been placed to indicate the amount of settlement occurring during the placement of concrete?	Standard Specifications 601-3.02 (B)
13.		Are the contractor's personnel constructing the falsework using safety equipment and practicing safety?	Standard Specifications 107.07
14.		Is the bracing installed at the locations shown on the approved drawings?	Construction Manual 601-3.02 (B)
15.		Are all members in full contact with each other and all connections (bolts and welds) the right size and at the proper locations?	Construction Manual 601-3.02 (B)
16.		Are the falsework posts mechanically connected to their supporting footing, or laterally restrained when they are adjacent to roadways or railroads?	Standard Specifications 601-3.02 (A)
17.		Has the contractor's professional engineer inspected and issued a properly signed and sealed certificate that the falsework has been constructed according to the approved falsework drawings?	Standard Specifications 601-3.02 (B)
18.		Are safety (banger) beams (if required) set at the correct height and offset distance from the structure?	Construction Manual 601-3.02 (B)
19.		Are minimum height signs and pre-warning signs for clearance placed at the right locations?	Construction Manual 601-3.02 (B)
20.		Are traffic control devices and lane widths set in accordance with the approved traffic control plans?	Standard Specifications 701-3.01
21.		Are barriers and crash attenuators placed in the correct locations, lengths, and numbers?	Standard Specifications 701-2.04
22.		Was the soffit fill compacted to 90% and the last 3 feet compacted to 95%; are there tests to verify the results?	Standard Specifications 601-3.02 (A)
23.		Does the waste slab meet the requirements for smoothness of 1/4 inch tolerance using a ten-foot straightedge?	Standard Specifications 601-3.02 (A)

24.		No concrete is placed in any forms supported by falsework until the Contractors Professional Engineer has inspected the completed falsework and has issued a properly signed and sealed certificate that the falsework has been constructed according to the approved falsework drawings.	Standard Specifications 601-3.02 (B)
25.		No falsework or forms shall be relieved of load and no forms shall be removed without approval of the Engineer.	Standard Specifications 601-3.02 (D)
26.		Falsework shall be removed in such a manner that excessive stresses are not induced into the structure. Holes shall not be drilled into the structure to facilitate removal of the falsework.	Standard Specifications 601-3.02 (D)
27.		Round blockouts may be used for such purpose providing the contractor can submit evidence that the blockouts are not detrimental to the structure and the Engineer approves the use of the blockouts (The maximum blockout diameter shall not exceed six inches).	Standard Specifications 601-3.02 (D)
28.		Forms are wood, metal or other suitable materials designed, constructed, braced and maintained so that the finished concrete is true to line and elevation, and conforms to required dimensions and contours.	Standard Specifications 601-3.02 (C)(1)
29.		Quantlist Minimum Frequency is being followed, when the falsework is being set and then again when taken down.	Construction Bulletin 07-01