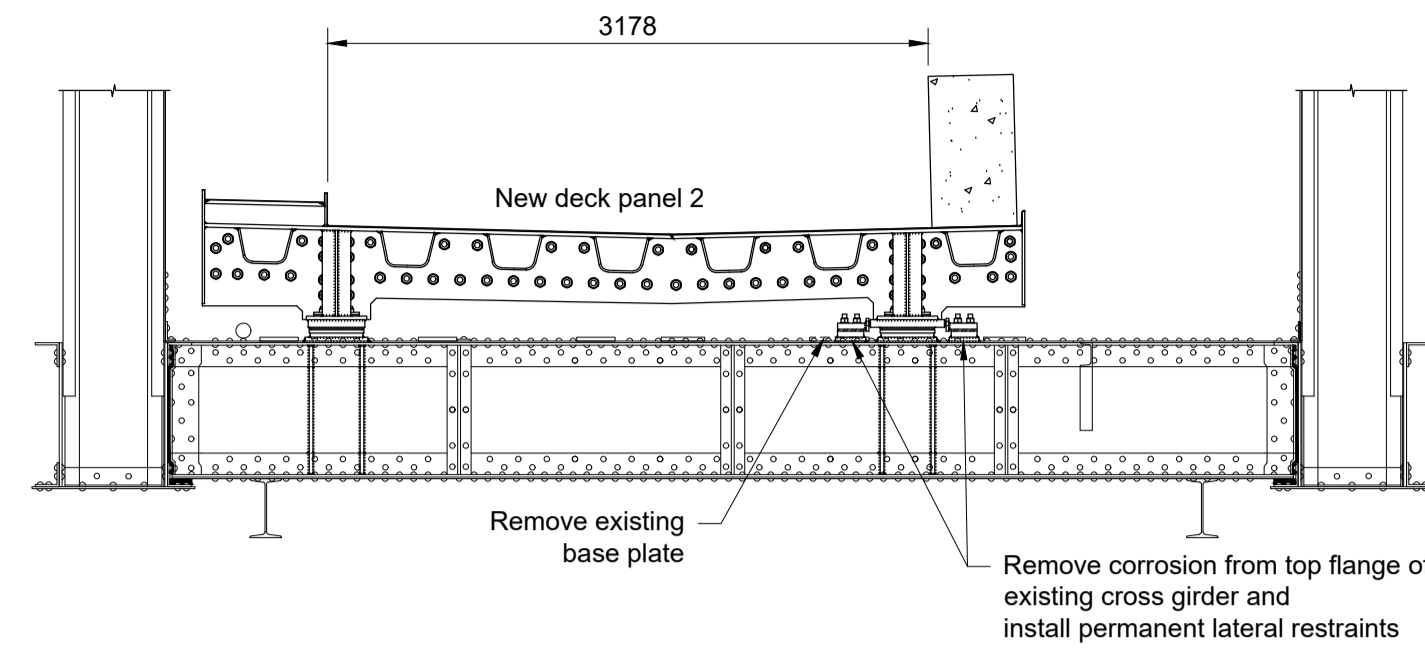
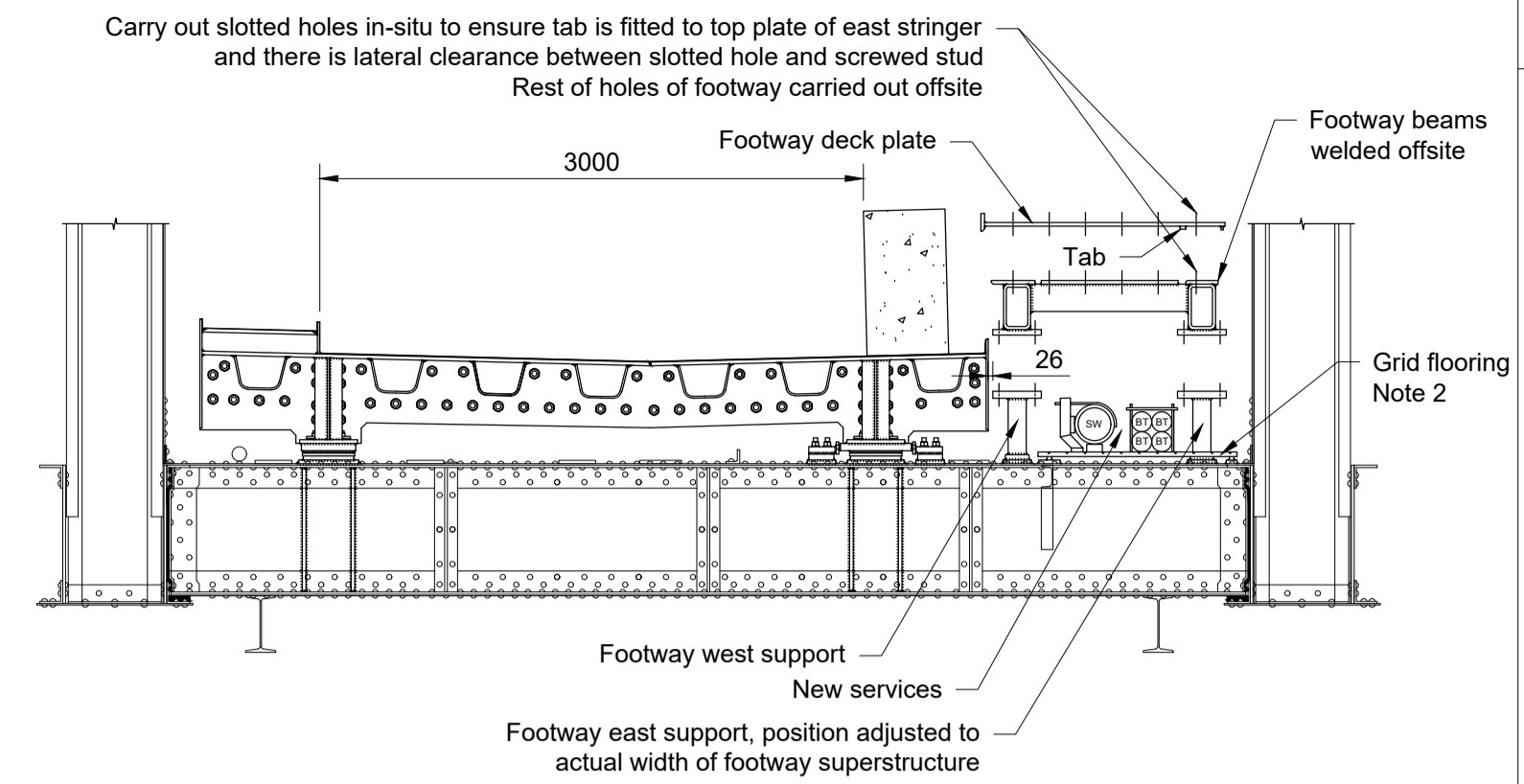


B. DECK REPLACEMENT (continued)

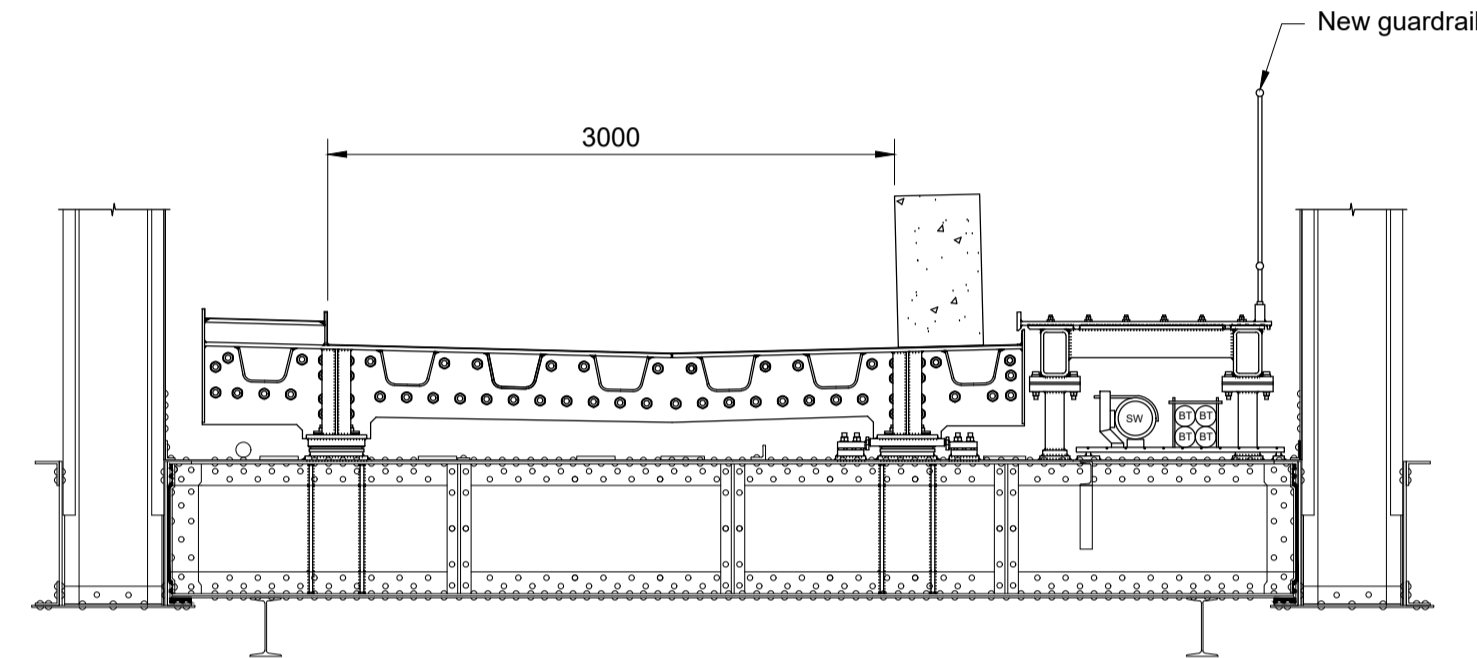
7. Install guides for permanent lateral restraint of deck panel 2 and replace deck panel 3:
 - a. Remove existing base plates from landing points of permanent lateral restraints of deck panel 2.
 - b. Remove corrosion from top flange of existing cross girders at landing points of permanent lateral restraints of deck panel 2.
 - c. Close bridge to traffic.
 - d. Install permanent lateral restraints for deck panel 2.
 - e. Replace deck panel 3 as per B.6.
8. Replace deck panels 4 to 17:
 - a. Install permanent lateral restraint of previous deck panel as per B.7.a to B.7.d.
 - b. Replace deck panel as per B.7.e.
9. Install permanent lateral restraint of deck panel 17 as per B.7.a to B.7.d.
10. Repeat stages B.4 and B.5 for deck panel 18.
11. Repeat stages B.6 to B.9 for deck panels 19 to 33.
12. Repeat stages B.4 and B.5 for deck panel 34.
13. Repeat stages B.6 to B.9 for deck panels 35 to 50.
14. Close bridge to traffic and move temporary traffic barrier laterally. Temporary carriageway lane width will be 3000mm. Modify temporary cover plates as required. Open bridge to traffic with 10mph speed limit.
15. Place new grid flooring for service bay (see Note 4), new services, and connect to approach spans.
16. Place new footway steelwork and guardrail.
 - a. Install west support.
 - b. Install east support. Position to mate footway east stringer.
 - c. Install beams, deck plate, and guardrail.
17. Close bridge to traffic, remove traffic barrier, bolt down drainage units, and place new expansion joints.
18. Clean, test, and repair (if required) deck waterproofing following manufacturer's instructions. Extend deck waterproofing near drainage units and expansion joints as noted on drawings.
19. Waterproof footway. Apply tack coat and surfacing, including nosing material near expansion joints, over carriageway, verge, and footway.
20. Open bridge to traffic, cut through welds of existing base plates and remove such base plates. Remove temporary service diversion, temporary walkway, and temporary access platform (not shown).



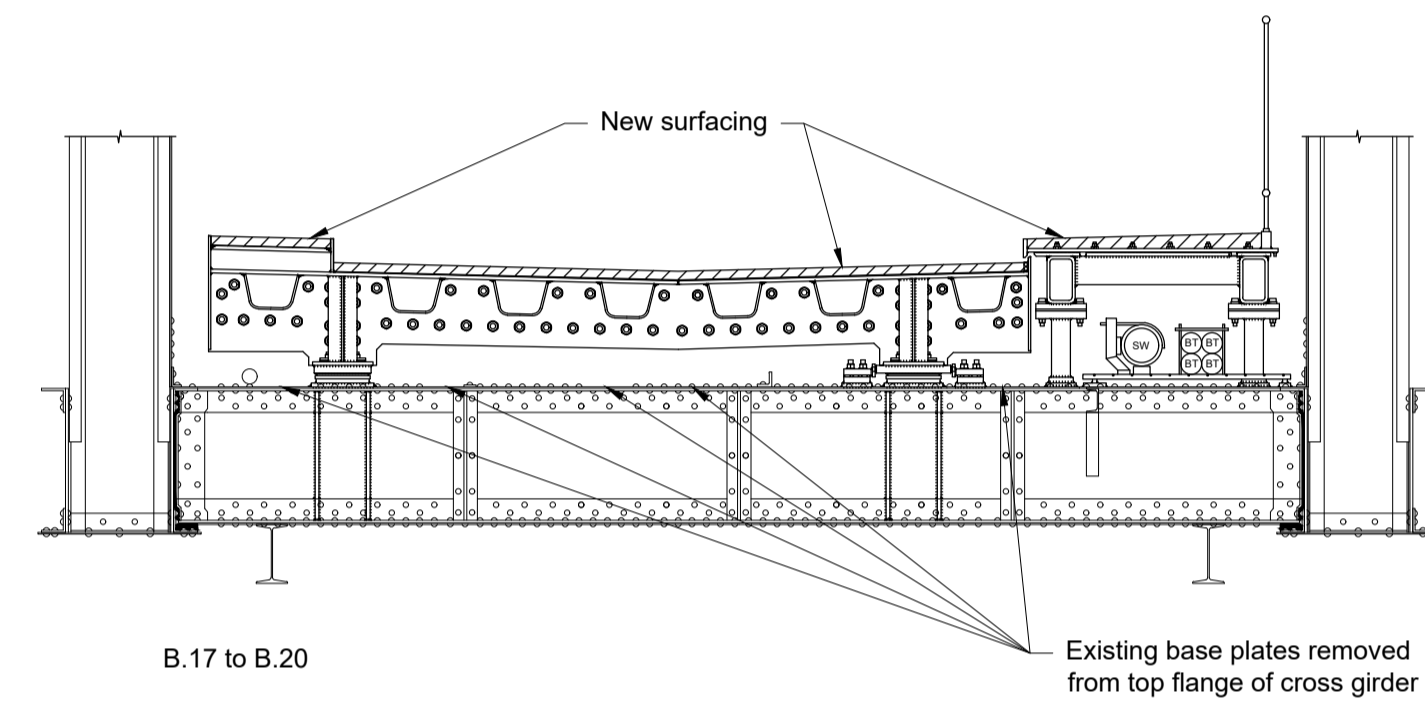
B.7.a to B.7.d



B.16.a and B.16.b



B.16



B.17 to B.20

Drawing Number

14/NW/1203/037/057

Notes:

1. See Safety, Health and Environmental Information on Drawing No. 14/NW/1203/037/035.
2. Optional, assuming poor condition of existing floor plate and/or transverse stiffeners. If they are in good condition, they may be kept and no new grid flooring would be installed. TBC on site.

Do not scale this drawing

| Rev | Date | Description | Checked | DFM |
|-----|----------|--------------------|---------|-----|
| 0 | 14/04/21 | Draft for Comments | JL | DFM |

Client



Status **DRAFT FOR COMMENTS**

Project **A828 Connel - Glencoe Trunk Road
A828 10 CONNELL BRIDGE**

Title **North West Major Structures Programme
DECK REPLACEMENT
CONSTRUCTION SEQUENCE (3/3)**

| | | | | | |
|-------------|--------------------|------------|--------------|--|--|
| Drawing No. | 14/NW/1203/037/057 | 0 | | | |
| Scale | As Shown @ A1 | Date | 14/04/2021 | | |
| | Drawn PM | Checked JL | Approved DFM | | |

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