

[柵高 : $H=5.0\text{m}$, 根入れ長 : 5.5m]

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The image contains two technical drawings of a bridge structure, labeled (a) and (b).

(a) Side View: This drawing shows the side profile of the bridge. Key dimensions include a total length of 4650 mm for the upper support (上部支柱), a height of 4300 mm for the girder (欄高), and a spacing of 10 mm between reinforcement bars at 400 mm intervals (10@400=4000). The drawing also shows a 200 mm gap, a 350 mm gap, and a 100 mm gap. The reinforcement is shown as red lines with cross-sections at points A, B, and D. A note indicates a 2200 mm or more reinforcement range (2200以上 (補強材範囲)).

(b) End View: This drawing shows the end profile of the bridge. Key dimensions include a total length of 6200 mm for the lower support (下部支柱), a height of 700 mm for the girder (欄高), and a length of 5500 mm for the reinforcement (根入れ長). The drawing also shows a 300 mm gap, a 400 mm gap, a 2250 mm gap, a 1000 mm gap, and a 2250 mm gap. The reinforcement is shown as red lines with cross-sections at points E and G. A note indicates a 4200 mm or more reinforcement range (4200以上 (補強材範囲)).

Reinforcement Details: The drawings specify the use of D35 x 12 bars, D16-1000 x 3 bars (120° pitch), and a plate (プレート) with a thickness of t9.0. The reinforcement is shown as red lines with cross-sections at points A, B, and D. A note indicates a 2200 mm or more reinforcement range (2200以上 (補強材範囲)).

Other Details: The drawings also show a 200 mm gap, a 350 mm gap, a 100 mm gap, a 340 mm gap, a 10 mm gap, a 690 mm gap, a 350 mm gap, a 9 mm gap, a 299.4 mm gap, and a 267.4 mm gap. The drawing also shows a 120 mm gap, a 2200 mm or more reinforcement range (2200以上 (補強材範囲)), a 350 mm gap, a 350 mm gap, a 700 mm gap, a 4200 mm or more reinforcement range (4200以上 (補強材範囲)), a 299.4 mm gap, and a 267.4 mm gap.

Technical drawings of bridge reinforcement details. The left drawing shows a side view of a bridge section with dimensions: 4650 (上部支柱), 4300 (欄高), 10@400=4000, 200, 350, 100, 340, 120, 2200以上 (補強材範囲). It includes labels for 'インサート M24 x 50' and '支柱キャップ受け部'. The right drawing shows a top view of the bridge section with dimensions: 6200 (下部支柱), 5500 (根入れ長), 700 (欄高), 300, 400, 2250, 1000, 2250, 10, 690, 350, 9, 209.4, 209.4, 4200以上 (補強材範囲). It includes labels for 'D35 x 12本', 'プレート t9.0', '回転止め D16-1000 x 3本 (120° ピッチ)', and 'モルタル充填鋼管柱 φ267.4 x t12.7'.

Technical drawing of a column base plate showing dimensions and component specifications.

Dimensions:

- Overall width: 62
- Overall height: 51
- Plate thickness: 26
- Flange thickness: 2
- Flange width: 30
- Flange height: 130
- Flange hole diameter: $\phi 32$
- Flange hole spacing: 22, 30, 22
- Flange hole offset: 10

Component Specifications:

- M12 1種ナット (M12 Type 1 Nut)
- M12 3種ナット (M12 Type 3 Nut)
- M12×100 ボルト (M12×100 Bolt)

(上部支柱ジョイント接合部)

Technical drawing of a circular joint cross-section. The drawing shows a circular structure with a central vertical axis and a horizontal centerline. The outer diameter is labeled as $\phi 267.4$. The inner diameter of the main structure is labeled as $\phi 242.0$. The thickness of the main structure is labeled as 12.7. The central part of the structure is labeled as 'モルタル' (Mortar). The outer ring is labeled as 'D13 × 3本' (D13 x 3 rods). The central part is labeled as 'D35 × 12' (D35 x 12). The angle between the vertical axis and the horizontal centerline is labeled as 90°.

Technical drawing of a circular joint (ジョイント接合部) showing dimensions and geometry. The drawing includes a circular base with a diameter of 318.5 and a smaller inner circle with a diameter of 297.9. The joint is defined by a 45-degree arc and a 9-degree arc. Dimensions include a total width of 180, a central gap of 55, and a height of 60. The joint is labeled "D13 x 3本".

[illegible]

(下部支柱ジョイント接合部)

D13×3本

プレート
t9.0

D35×12

モルタル

12.7

φ242.0

φ267.4

φ297.9

10.3

Technical drawing of a circular manhole cover (Figure 10-10). The drawing shows the top view and a side view. The top view includes dimensions: overall diameter $\phi 267.4$, inner diameter $\phi 242.0$, and rim thickness 12.7 . The central opening has a diameter of $\phi 35$ (D35) and is surrounded by 12 holes (12本). The rim has a radius of $R15$ and a height of 9.3 . The central opening has a radius of $R90$. The side view shows a height of 22 . The text "モルタル" (Mortar) is written near the bottom left, indicating the material used for the central opening.

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| 令和 2 年度 | | 総防委第 9 号 | |
| 熊 井 町 南魚沼 湯沢 大井 湯沢 地内 務 務 大 大 | | | |
| 旧布場スキー場ゲレンデ測量業務委託 | | | |
| 雪崩予防柵支柱構造図(1) | | | |
| 縮 尺 | 図 示 | 図面全 16 葉の 10 | |
| 測 量 | | 年 月 日 | 主 任 技 術 者 |
| 設 計 | | 年 月 日 | 主 任 技 術 者 |
| 南魚沼郡湯沢町 | | | |