

※新設位置詳細は支障物件等確認の上、監督員現地立会い確認、協議のもと決定する。

羽川線30北3

品 名 (規 格)	数 量	単 位
再送信子局装置 (現用／予備) ※パツテリBOX含む	1	組
外部接続箱	1	組
空中線 (5素子八木型)	1	基
空中線 (3素子八木型)	1	基
同軸避雷器 (ガス入放電管)	2	台
レフレックスホーン (ユニット付30W)	-	組
スリムスピーカ (1連 60W)	2	組
スリムスピーカ用EQボックス	1	組
組立鋼管柱 (S-18HY相当品)	1	組
屋外筐体取付金具 (RABX)	4	組
外部接続箱取付金具 (RABX)	1	組
5素子空中線取付金具 (F-1 (丸)-K相当品)	1	組
3素子空中線取付金具 (C-19, I-19相当品)	1	組
スピーカ取付金具 (レフレックスホーン用)	-	組
スピーカ取付金具 (スリムスピーカ 1 連用)	2	組
スピーカ端子箱	1	台
同軸ケーブル (EM-8D-2E)	28.0	m
同軸接栓 (NP, NJ)	8	個
スピーカケーブル (EM-CEE1. 25mm2-2C)	14.5	m
低圧電力用ケーブル (EM-GE2mm2-2C)	9.0	m
600V 絶縁電線 (EM-IE5. 5mm2)	11.0	m
接地棒 (φ10×1500)	1	本
リード端子 (φ10用)	1	個
電力線引留金物 (低圧ラックRL-0)	1	個
シンブル (丸型22mm)	1	個
電力線取付バンド (IBT-308)	1	個
金属製可とう電線管 (F30)	9.0	m
金属製可とう電線管 (F24)	17.5	m
硬質ビニル電線管 (HIVE16)	4.0	m
合成樹脂可とう電線管 (MF16)	0.5	m
スパイラルダクト (φ900×t1.0)	1	本
ボイド管 (φ500×250)	1	本
異形棒鋼 (SD295A D13)	20	kg
再生クラッシュラン (40～0)	1.2	m2
レディーミクストコンクリート (21-8-25)	0.7	m3

Figure 10.10 shows the reinforcement details for a 1000mm x 1000mm square column. The plan view (top) shows a 900mm x 700mm internal reinforcement area with 8 D13 bars (S2) and 5 D13 bars (S1). The elevation view (bottom) shows a 900mm wide column with 8 D13 bars (S2) and 5 D13 bars (S1). The reinforcement is arranged in a grid with 100mm spacing between bars.

Technical drawing of a bridge pier cross-section. The drawing shows a central pier with a diameter of $\phi 350$ mm. The pier is surrounded by a concrete structure. The total height of the pier is 2810 mm. The height of the concrete structure above the pier is 2660 mm. The height of the concrete structure below the pier is 150 mm. The concrete structure is divided into three sections: a top section of 250 mm, a middle section of 1000 mm, and a bottom section of 150 mm. The top section is labeled "コンクリート (21-8-25)" and "既設撤去・更新". The middle section is labeled "1100". The bottom section is labeled "150". The pier is surrounded by a concrete structure with a width of 900 mm. The concrete structure is divided into two sections: a top section of 500 mm and a bottom section of 100 mm. The pier is surrounded by a concrete structure with a width of 1100 mm. The pier is surrounded by a concrete structure with a width of 1100 mm. The pier is surrounded by a concrete structure with a width of 1100 mm.

The diagram illustrates the updated wiring system for the relay station, showing the antenna structure, cable layout, and component specifications.

Antenna Structure and Dimensions:

- Total height: 14840 mm
- Antenna arm length: 12000 mm
- Antenna arm diameter: $\phi 190.7$ mm
- Antenna arm diameter: $\phi 216.3$ mm
- Antenna arm diameter: $\phi 267.4$ mm
- Base diameter: $\phi 267.4$ mm
- Base height: 2660 mm

Antenna Components and Specifications:

- 組立鋼管柱 (Assembly Steel Pipe Column): 既設撤去 L-560 (Existing to be removed L-560), 更新 S-18HY相当品 (Replacement S-18HY equivalent product)
- 空中線方向 (Antenna Direction): T.N. (True North), \times 既設空中線方向と同一 (Same as existing antenna direction)
- 空中線 (3素子八木型) (Antenna (3-element Yagi type)): 既設撤去・更新 (Existing to be removed and replaced)
- 空中線 (5素子八木型) (Antenna (5-element Yagi type)): 既設撤去・更新 (Existing to be removed and replaced)
- 引留金物 (Retention Hardware): 既設撤去・更新 (Existing to be removed and replaced)
- ハッチボックス (Hatch Box): W261 \times D314 \times H440
- フィルタ架 (Filter Rack): W261 \times D314 \times H770
- 無線架A・B (Antenna Rack A・B): W261 \times D314 \times H770
- AMP架 (AMP Rack): W261 \times D314 \times H536
- 外部接続箱 (External Connection Box): W240 \times D160 \times H330
- 直流電源ケーブル (DC Power Cable): 既設撤去・更新 (Existing to be removed and replaced)
- 附属ケーブル (Accessory Cable): 既設撤去・更新 (Existing to be removed and replaced)
- フィルタ架同軸ケーブル (Filter Rack Coaxial Cable): 既設撤去・更新 (Existing to be removed and replaced)

Wiring and Cable Specifications:

- 空中線 (3素子八木型) (Antenna (3-element Yagi type)): 既設撤去・更新 (Existing to be removed and replaced)
- 空中線 (5素子八木型) (Antenna (5-element Yagi type)): 既設撤去・更新 (Existing to be removed and replaced)
- 鋼管柱内配線 (Cable in Steel Pipe Column): 既設撤去・更新 (Existing to be removed and replaced)
- EM-8D-2E (Cable): 既設撤去・更新 (Existing to be removed and replaced)
- EM-CEE1. 25mm2-2C (Cable): 既設撤去・更新 (Existing to be removed and replaced)
- EM-CE2. 0mm2-2C (Cable): 既設撤去・更新 (Existing to be removed and replaced)
- EM-8D-2E (Cable): 既設撤去・更新 (Existing to be removed and replaced)
- EM-CE2. 0mm2-2C (Cable): 既設撤去・更新 (Existing to be removed and replaced)
- EM-CEE1. 25mm2-2C (Cable): 既設撤去・更新 (Existing to be removed and replaced)
- EM-1E5. 5mm2 (Cable): 既設撤去・更新 (Existing to be removed and replaced)
- GL (Ground Line): ∇
- 接地棒 (Ground Rod): 既設撤去・更新 (Existing to be removed and replaced)

Other Components and Specifications:

- スピーカー (Speaker): 既設撤去 レフレックスホーン, ストレートホーン (Existing to be removed Reflex Horn, Straight Horn), 更新 高性能スピーカー (Replacement High Performance Speaker)
- 高性能スピーカー (High Performance Speaker): (1連 60W) (1 unit 60W)
- SS60-246° (Speaker): (1連 60W) (1 unit 60W)
- SS60-166° (Speaker): (1連 60W) (1 unit 60W)
- スピーカー端子箱 (Speaker Terminal Box): 既設撤去・更新 (Existing to be removed and replaced)
- 電源引出 (Power Outlet): ∇ $\phi 100V$
- 【ハッチボックス2】 (Hatch Box 2): 新設 (New)
- 【ハッチボックス1】 (Hatch Box 1): 新設 (New)
- 【再送信子局装置】 (Retransmission Station Device): 既設撤去・更新 (Existing to be removed and replaced)
- 【無線架B】 (Antenna Rack B): 既設撤去・更新 (Existing to be removed and replaced)
- 【無線架A】 (Antenna Rack A): 既設撤去・更新 (Existing to be removed and replaced)
- 【AMP架】 (AMP Rack): 既設撤去・更新 (Existing to be removed and replaced)
- 【フィルタ架】 (Filter Rack): 既設撤去・更新 (Existing to be removed and replaced)
- 【外部接続箱】 (External Connection Box): 既設撤去・更新 (Existing to be removed and replaced)

Grounding and Safety:

- 接地線、計装ケーブル (Grounding Line, Instrumentation Cable): 既設撤去・更新 (Existing to be removed and replaced)
- 接地棒 (Ground Rod): 既設撤去・更新 (Existing to be removed and replaced)
- ED (Earth Discharge): ∇

Diagram Title: 再送信子局更新配線系統図 (Retransmission Station Updated Wiring System Diagram)

工 事 名	同報系防災行政無線屋外拡声子局更新工事		
図 面 名	中子沢再送信子局更新図		
縮 尺	図示	図面番号	
工事番号	5魚防第24号		
事業者名	新潟県 魚沼市		