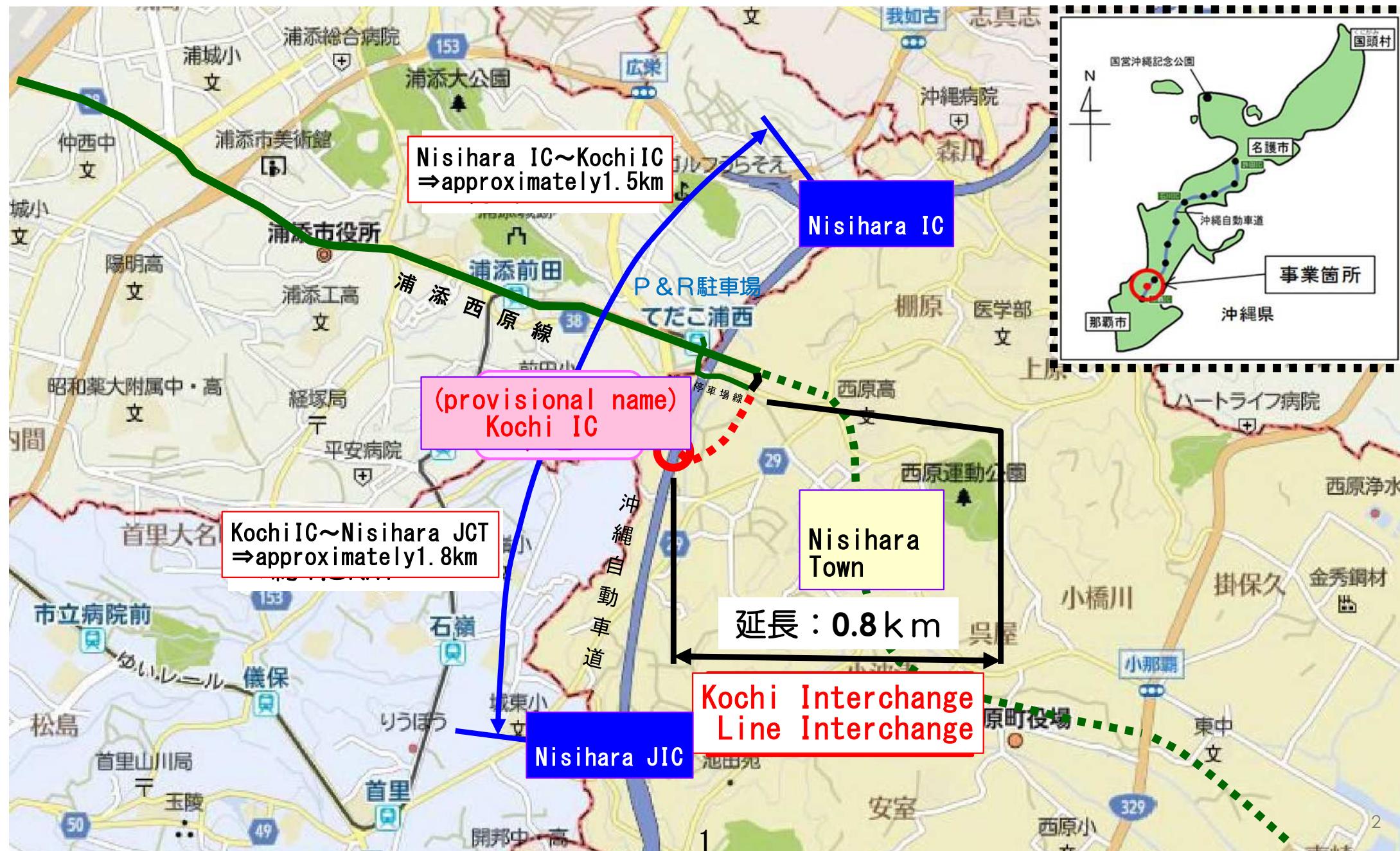
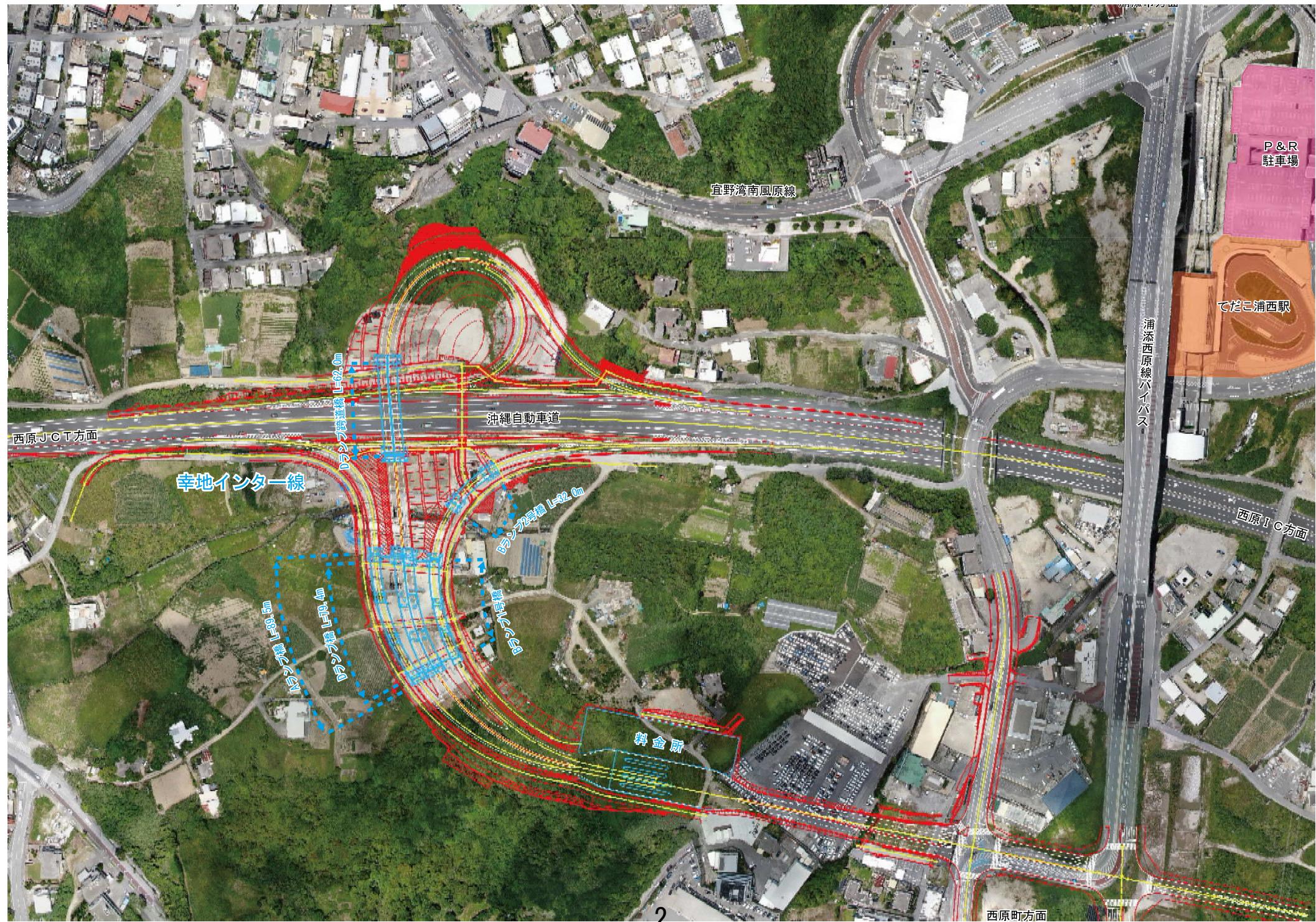


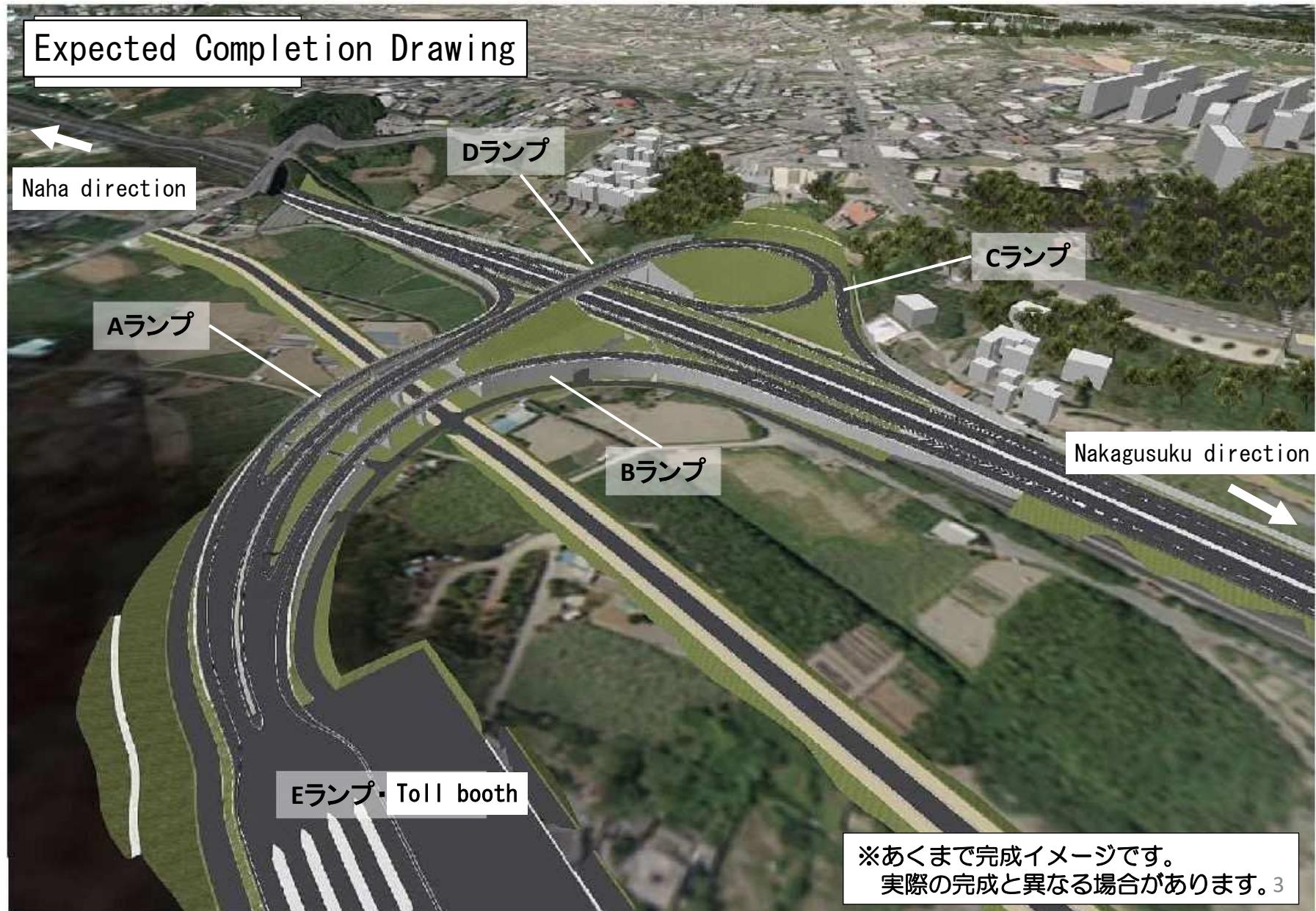
## Kochi Interchange Line

Business location : Nishihara Town, Onaga~Kochi  
Form : Trumpet-shaped Full Inter  
Business Extension : 0.8km



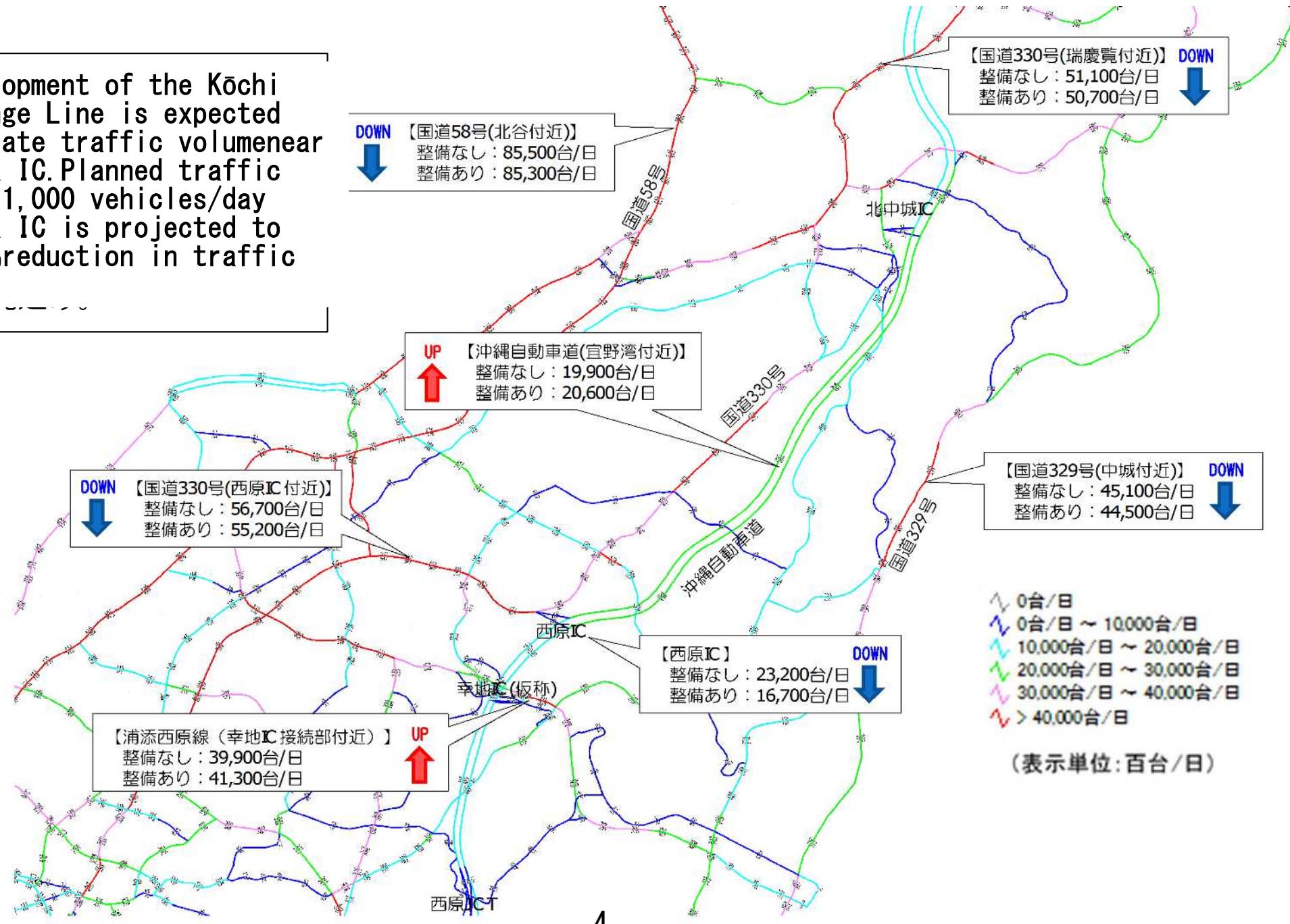


# Overview of the Kōchi Interchange Line



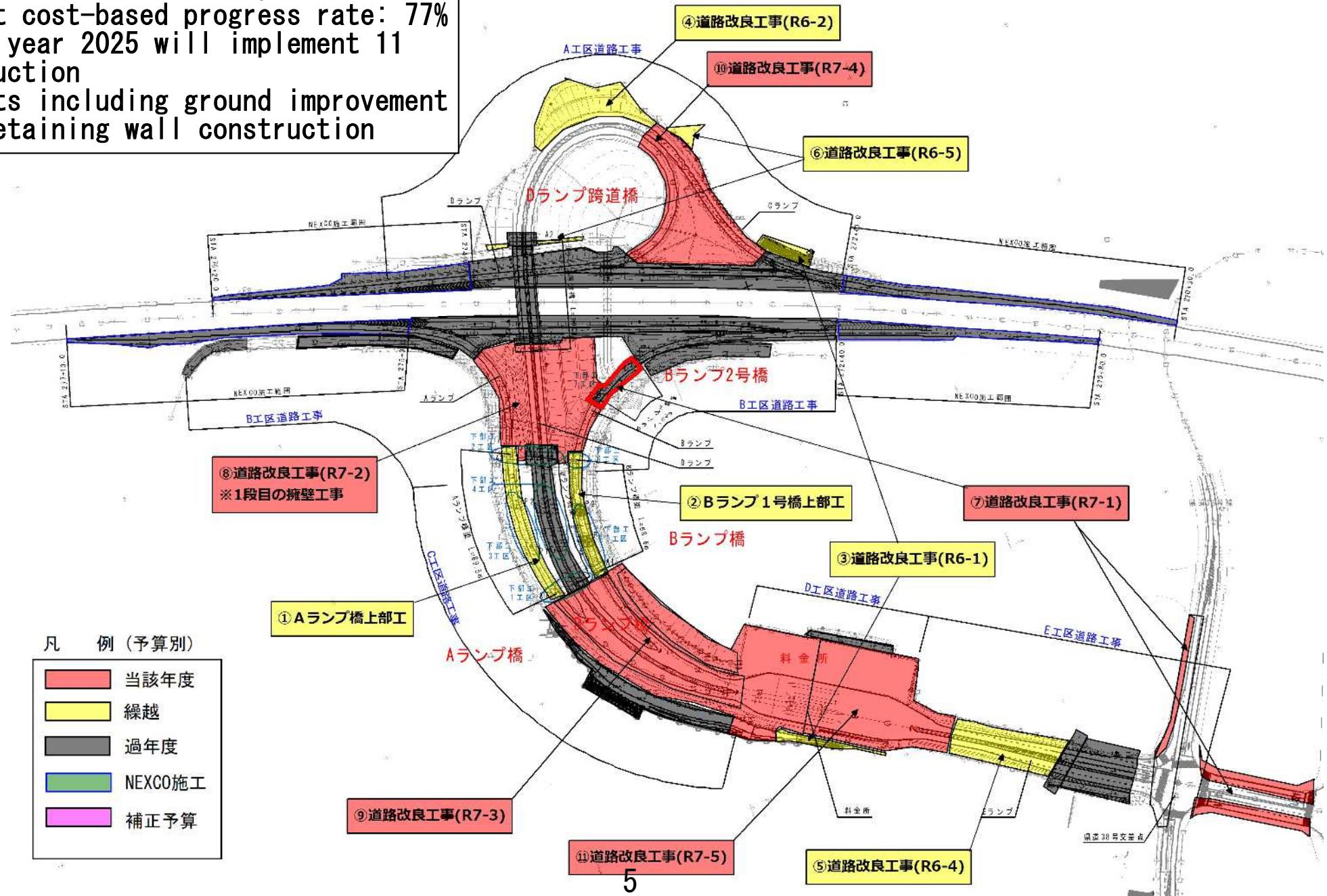
# Changes in traffic volume due to maintenance

The development of the Kōchi Interchange Line is expected to alleviate traffic volume near Nishihara IC. Planned traffic volume: 11,000 vehicles/day. Nishihara IC is projected to see a 28% reduction in traffic volume.



## Construction Progress Status for Fiscal Year 2025

As of the end of fiscal year 2024  
Project cost-based progress rate: 77%  
Fiscal year 2025 will implement 11  
construction  
projects including ground improvement  
and retaining wall construction

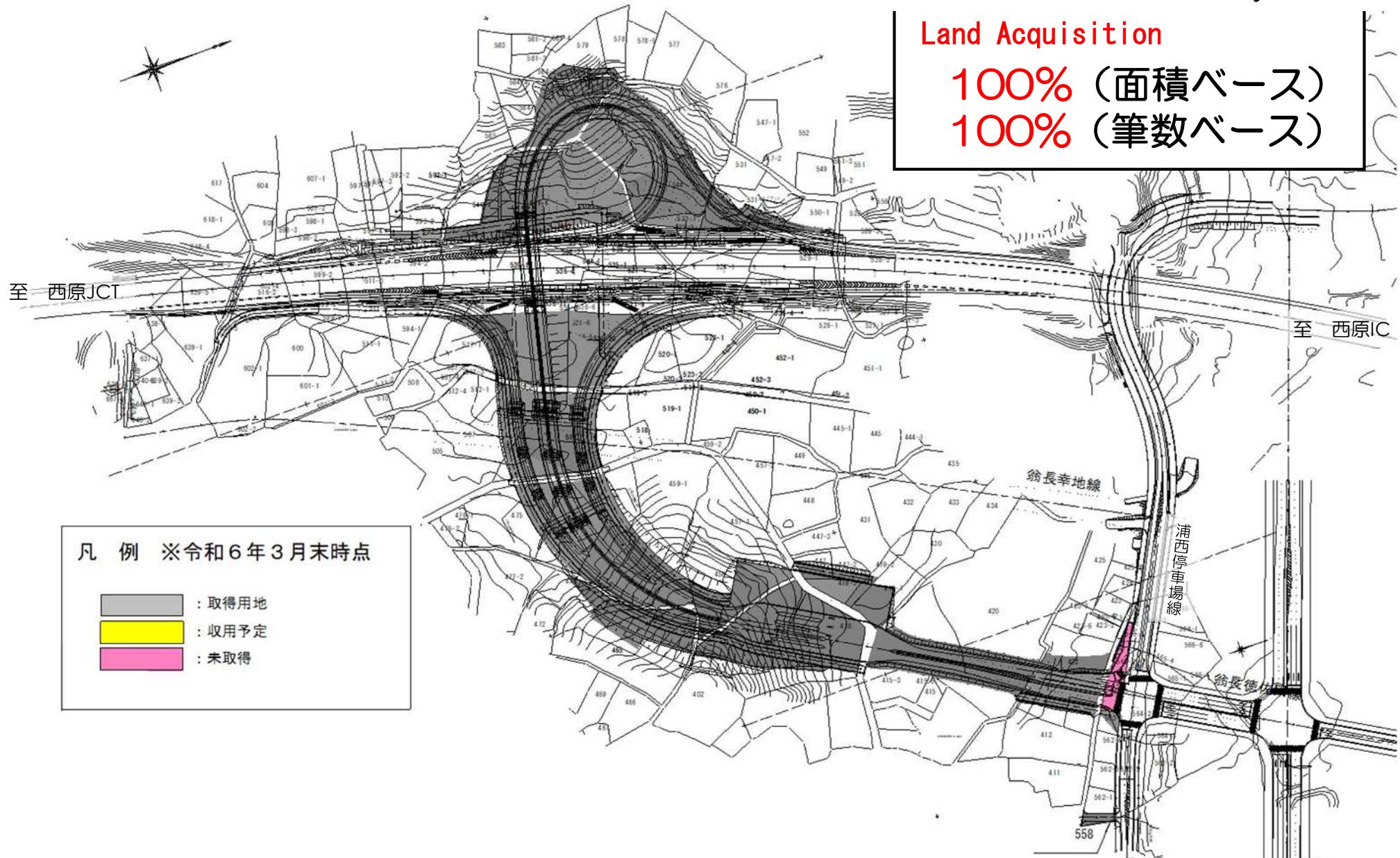


# Land Acquisition Status

As of the end of fiscal year 2024

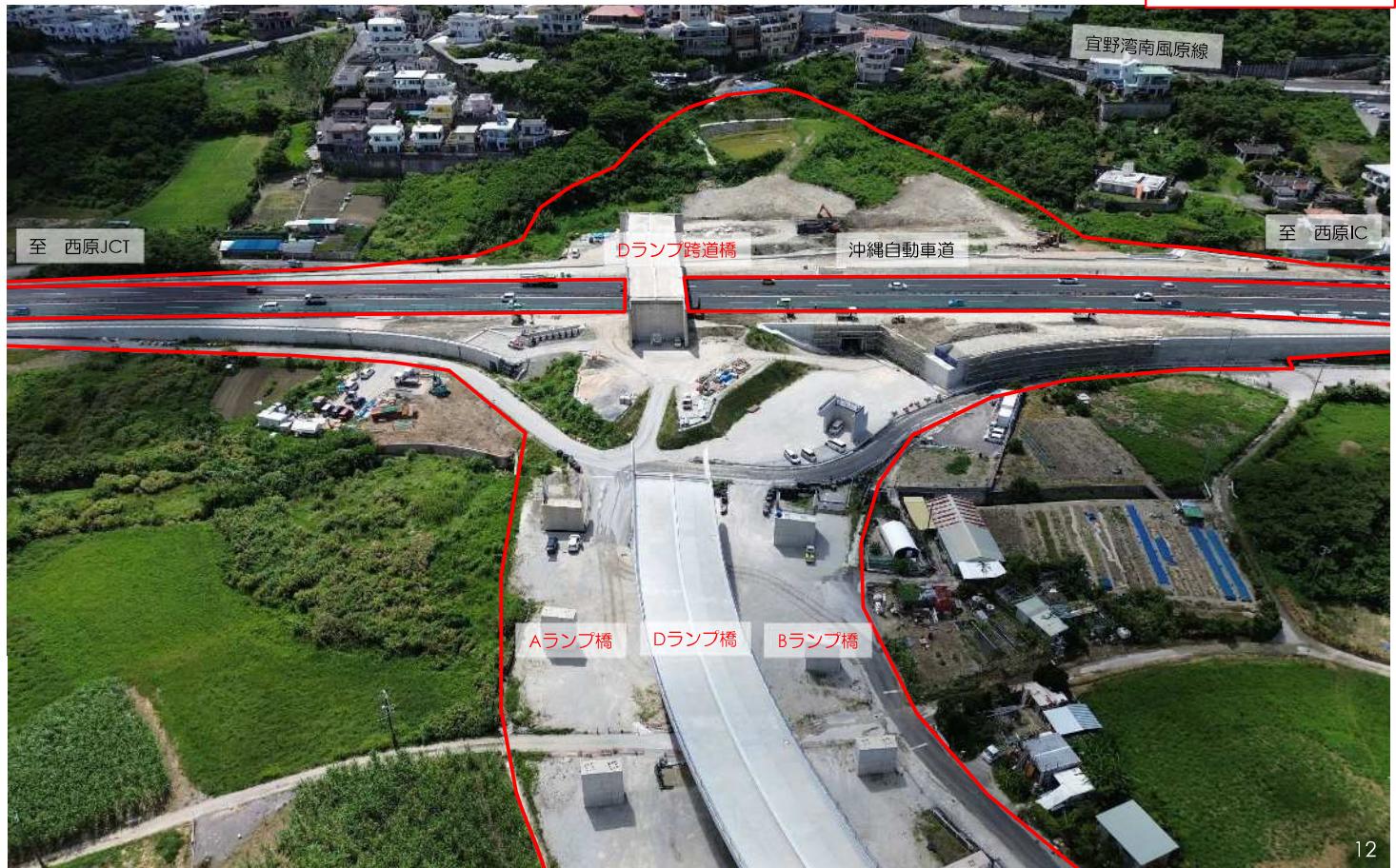
## Land Acquisition

100% (面積ベース)  
100% (筆数ベース)



Photographs of the Construction Status of the Kōchi Interchange Line  
(From the center toward the end point)

Photographed  
in August 2024



7

Photographs of the Construction Status of the Kōchi Interchange Line  
(From the center toward the starting point)

Photographed  
in August 2024



Photographs of the Construction Status of the Kōchi Interchange Line  
(From the center toward the end point)

Photographed  
in November 2024



Photographs of the Construction Status of the Kōchi Interchange Line  
(From the center toward the starting point)

Photographed  
in November 2024



Photographs of the Construction Status of the Kōchi Interchange Line  
(From the center toward the end point)

Photographed  
in February 2025



Photographs of the Construction Status of the Kōchi Interchange Line  
(From the center toward the starting point)

Photographed  
in February 2025



Photographs of the Construction Status of the Kōchi Interchange Line  
(From the center toward the end point)

Photographed  
in May 2025



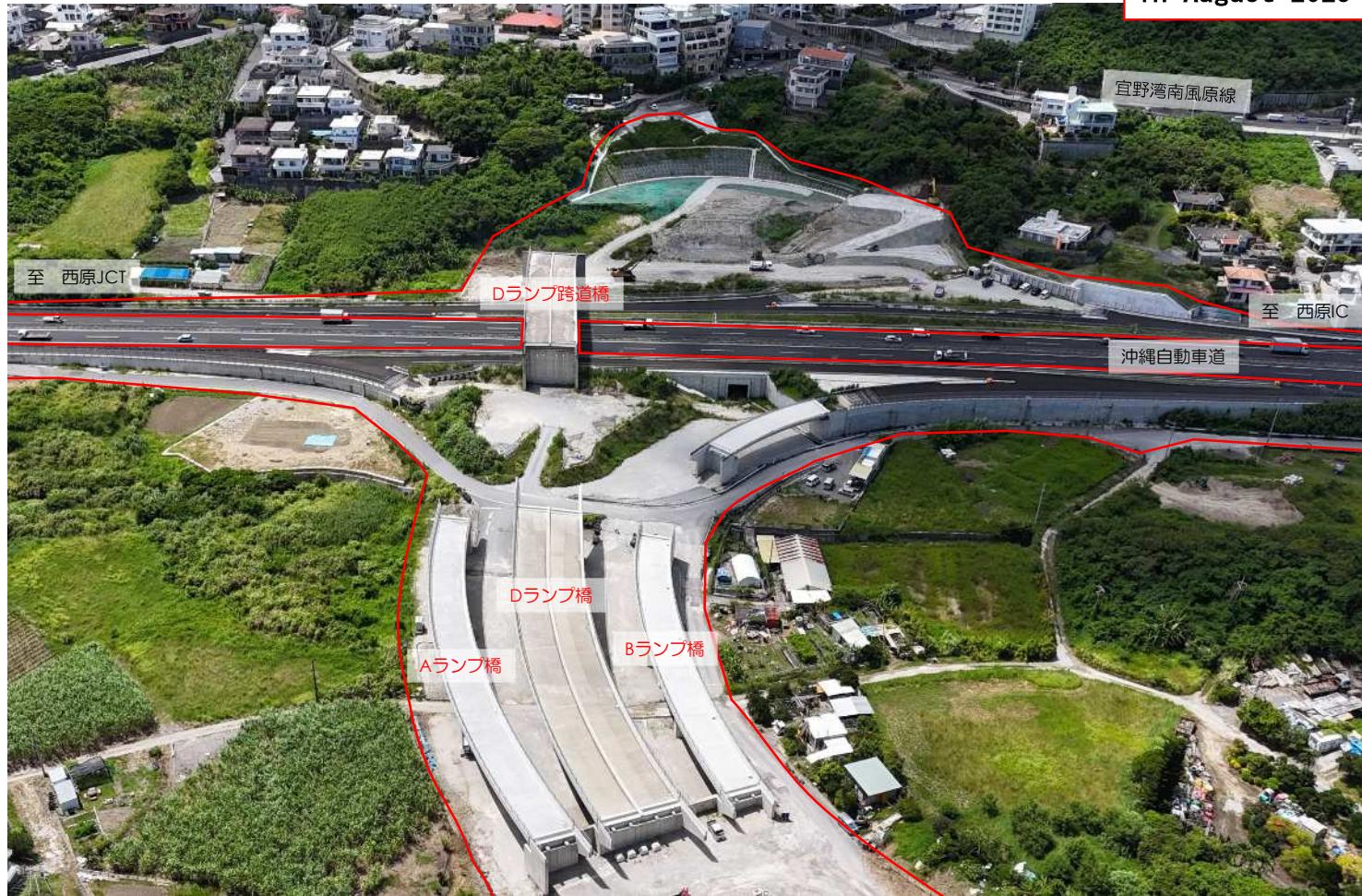
Photographs of the Construction Status of the Kōchi Interchange Line  
(From the center toward the starting point)

Photographed  
in May 2025



Photographs of the Construction Status of the Kōchi Interchange Line  
(From the center toward the end point)

Photographed  
in August 2025



Photographs of the Construction Status of the Kōchi Interchange Line  
(From the center toward the starting point)

Photographed  
in August 2025



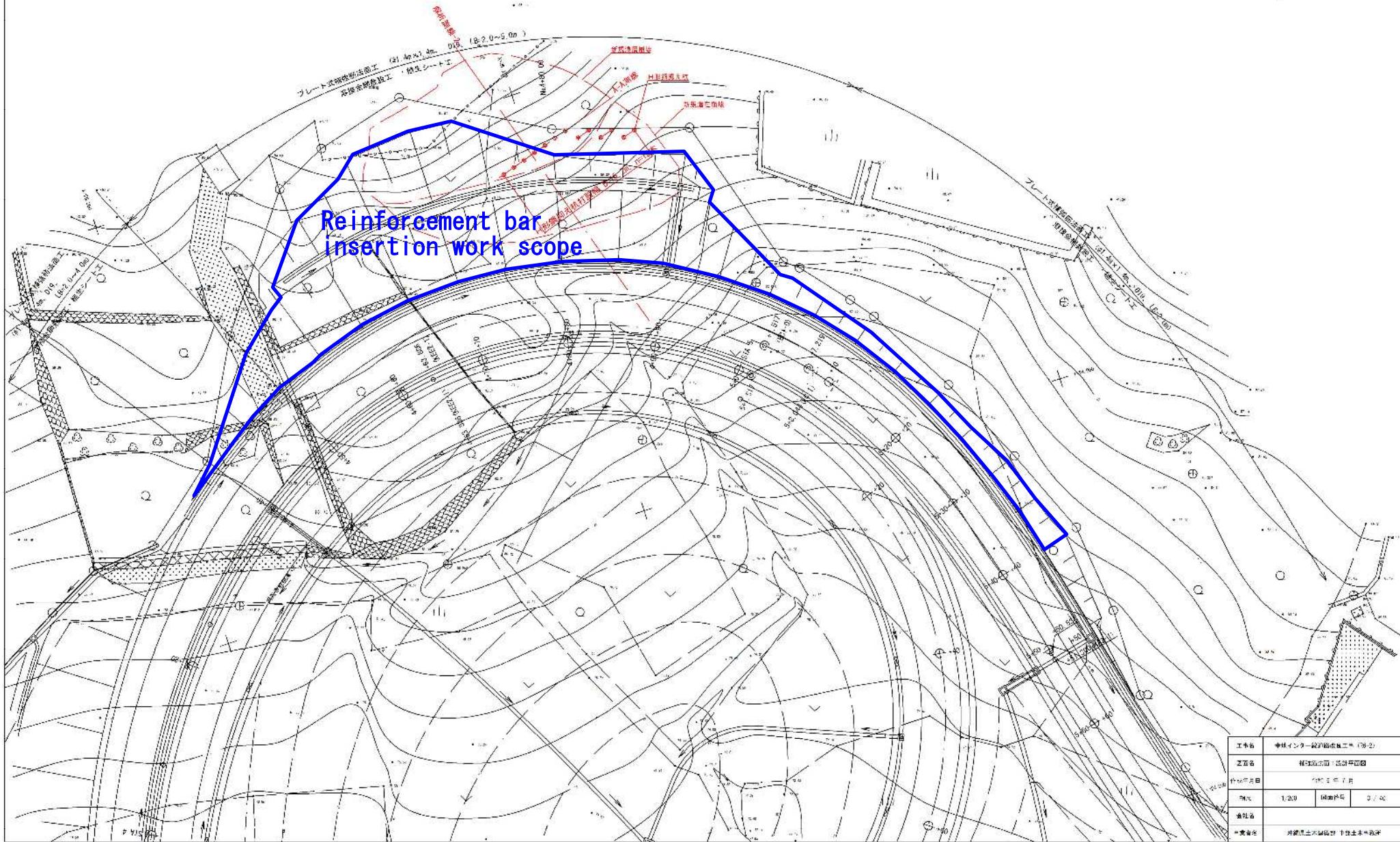


## Design Floor Plan(Rebar Insertion Work, Retaining pile)

1/200



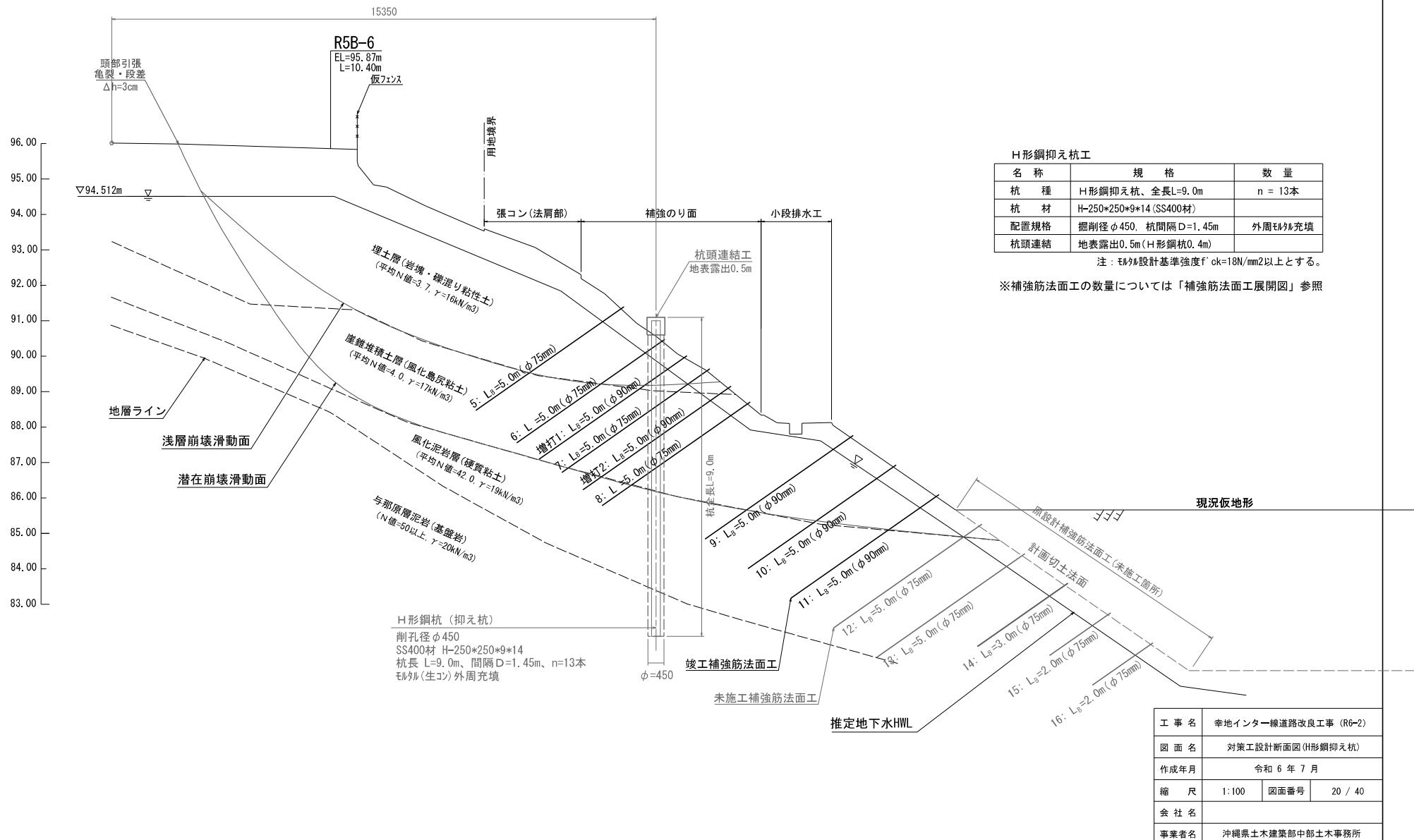
Reinforcement bar  
insertion work scope



# Cross-Section Diagram of Countermeasure Design(H-shaped steel retaining pile)

(縮尺 1 : 100)

## 解析測線-2 新規崩壊ブロック



# Road Earthwork Slope Excavation Status

## 法面上段部

1-1 伐採・除根(重機使用)



1-2 法面整形



1-3 法面整形完了



## 法面下段部

1-1 伐採・除根(重機使用)



1-2 法面整形



1-3 法面整形完了



1-1 過積載防止対策



1-2 残土積込



1-3 土砂等運搬(武村石材へ)



# Slope Protection Work Rebar Insertion Work Construction Status

## 鉄筋挿入工（施工状況）

### 1-1 資材検収



### 1-2 位置出し・割付け状況



### 1-3 削孔角度確認・削孔



### 1-4 補強筋挿入状況



### 1-5 セメントミルク注入状況



### 1-6 植生シート・溶接金網設置



### 1-7 受入試験(設計荷重確認)



### 1-8 トルクリング締付け確認



### 1-9 補強筋法面工完了



# Construction Status of retaining pile (Large-diameter boring)



足場仮設



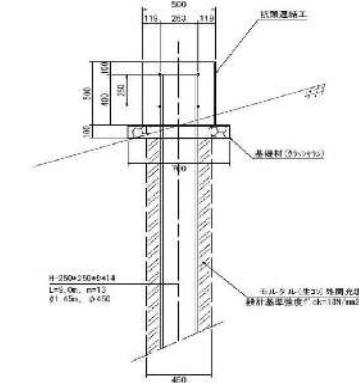
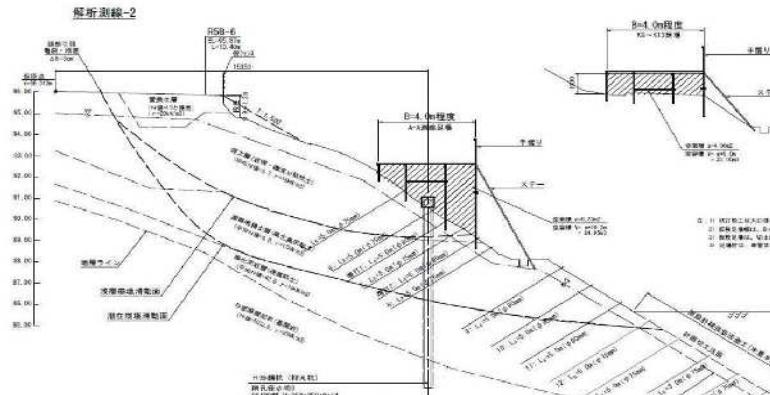
やぐら組立



掘削状況



作業土工(土砂搬出)



土質確認(1m毎)



掘削完了



H鋼杭建込



H鋼杭建込完了



孔内排水(ポンプ)



孔内排水(ポンプ)



モルタル打設



モルタル打設



モルタル打設完了



足場撤去後出来形確認

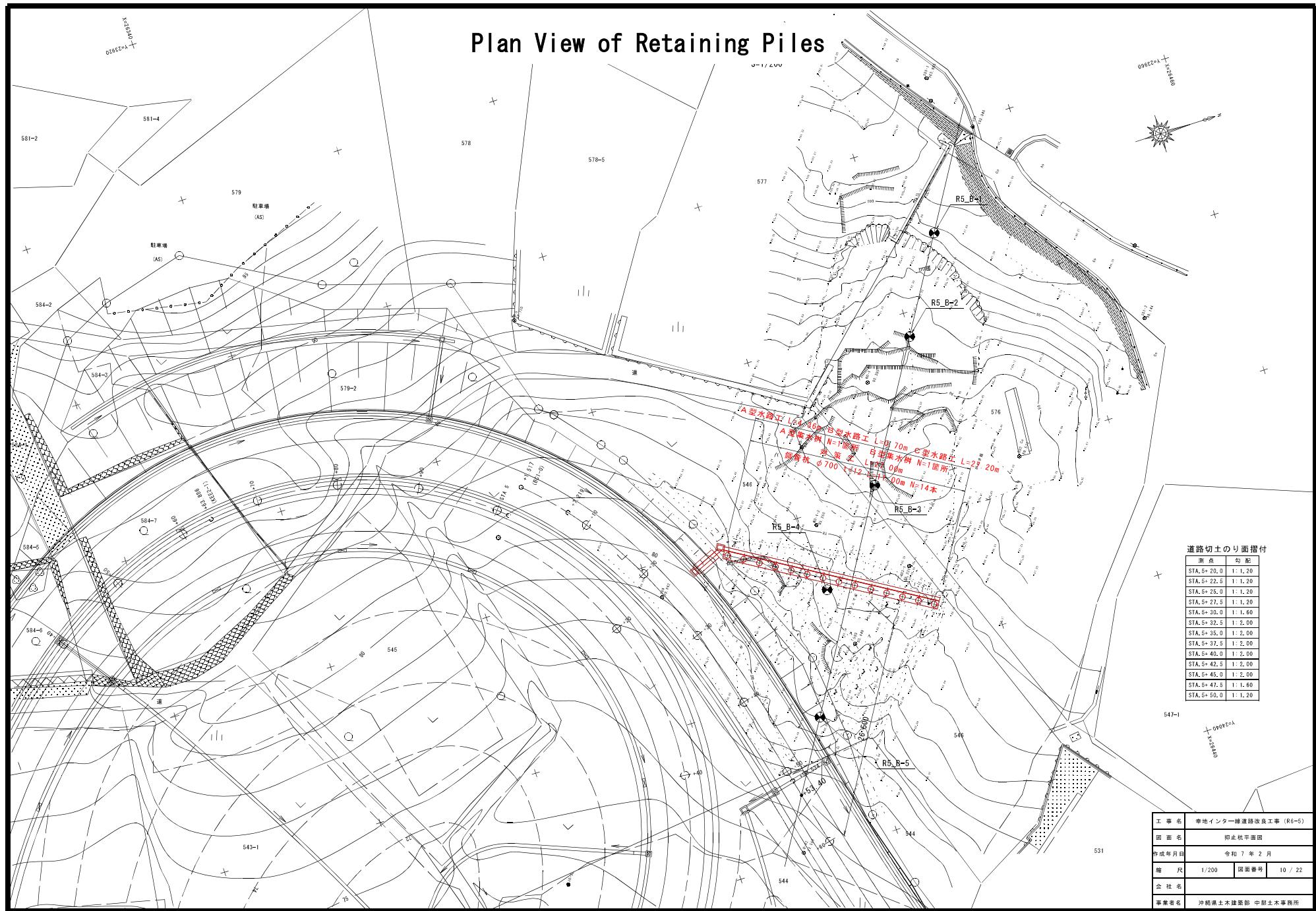


頭部連結(型枠組立)



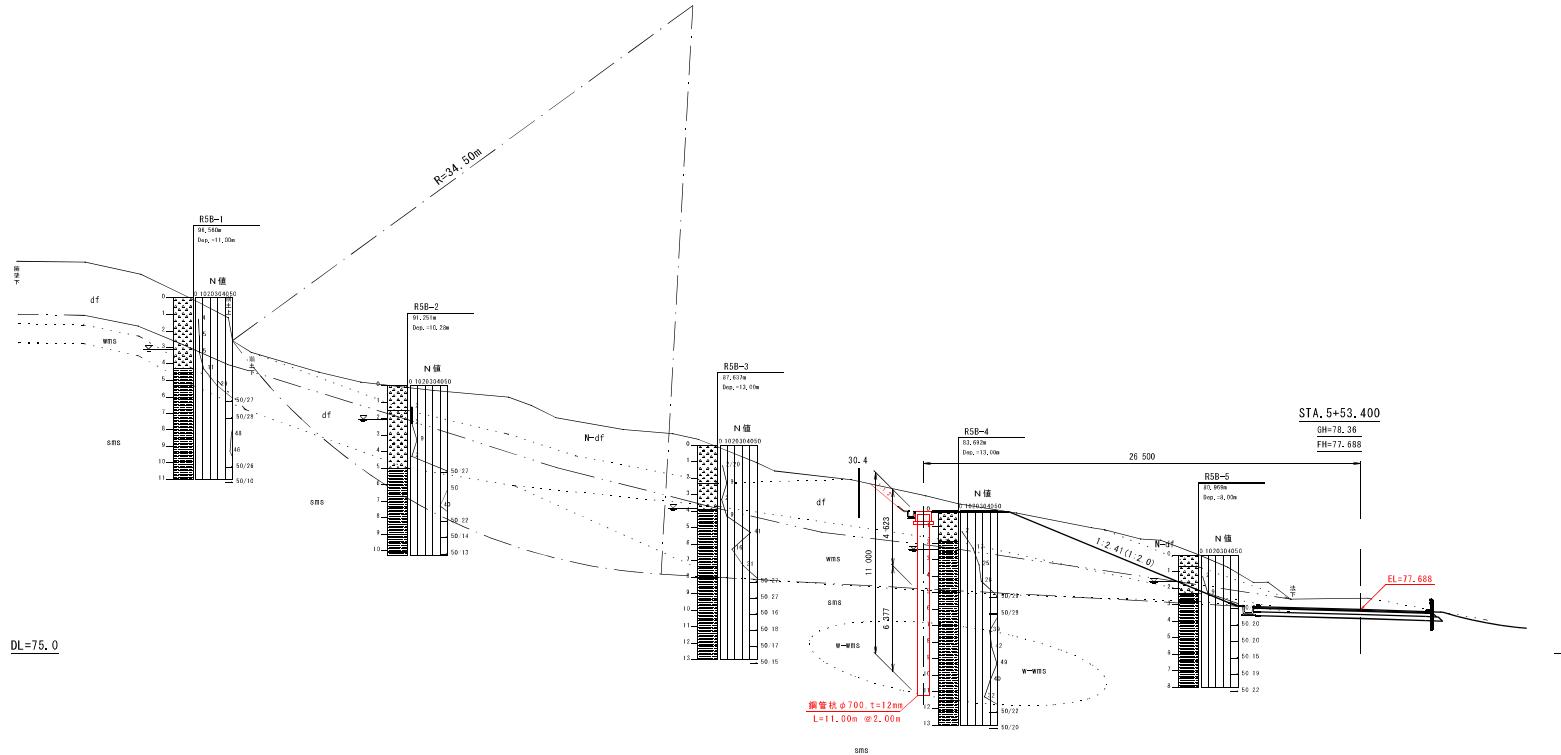
完成

## Plan View of Retaining Piles



# Standard Cross-Section Diagram

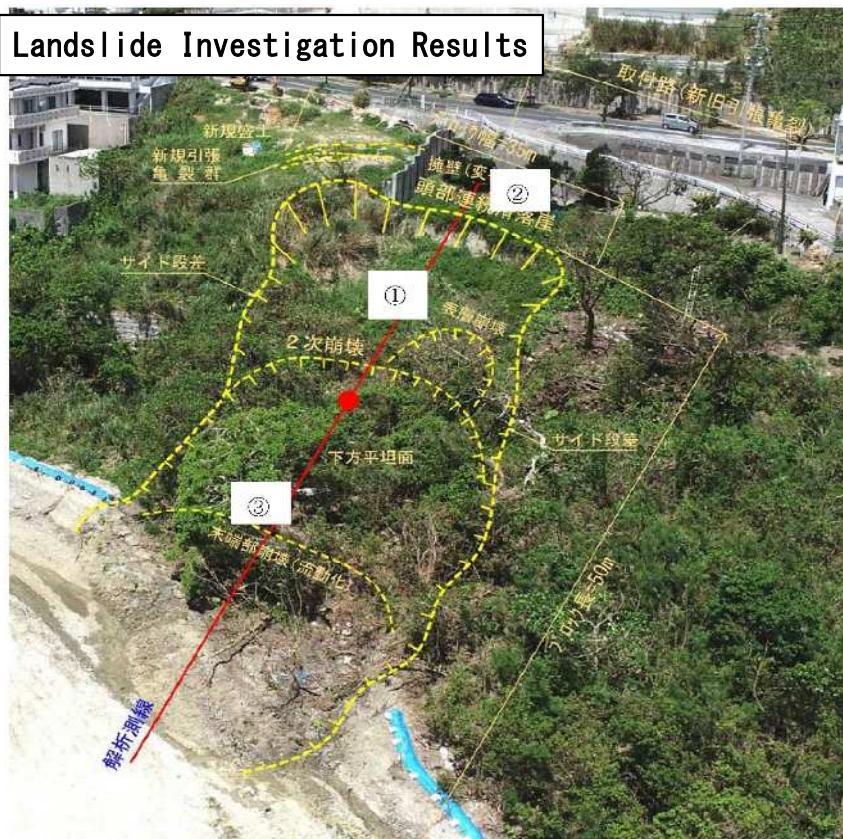
S=1/150



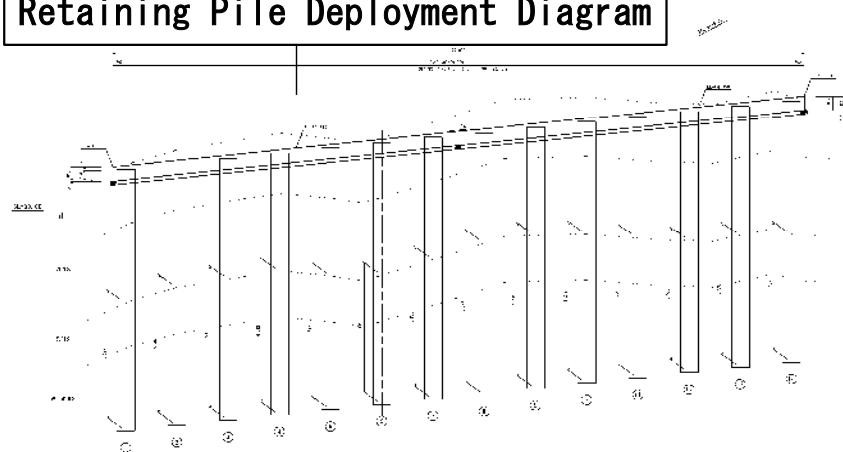
工事名	幸地インターフェンス道路改良工事 (R6-5)	
図面名	標準断面図	
作成年月日	令和 7 年 2 月	
縮尺	1/150	図面番号 12 / 22
会社名	沖縄県土木建築部 中部土木事務所	

## Construction Status of retaining pile (Steel pipe pile $\phi 700$ )

### Landslide Investigation Results



### Retaining Pile Deployment Diagram



仮設道路



鋼管杭材料検収



削孔状況



削孔出来形確認  
20



鋼管杭建込状況



鋼管杭鉛直性確認



モルタル注入状況

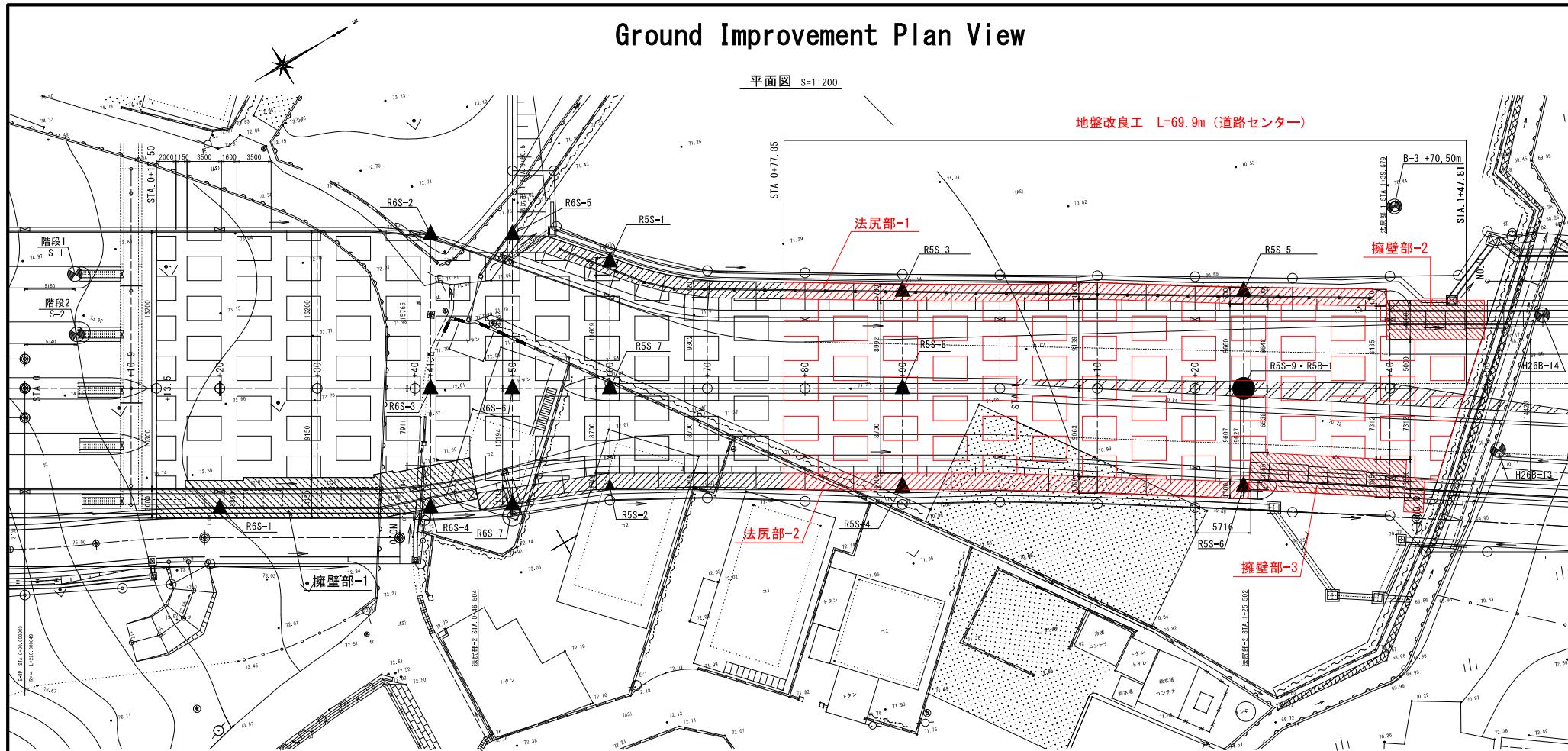


杭打ち完成

## Ground Improvement Plan View

## 平面図 S=1:200

地盤改良工 L=69.9m (道路センター)



### 改良率40%数量表(盛土一般部)

施工区間	体積 (m3)	設計基準強度 quck (kN/m2)	一軸圧縮強度 qui (kN/m2)	セメント配合量 (kg/m3)
一般部	4211	150	450	110
合計	4211			

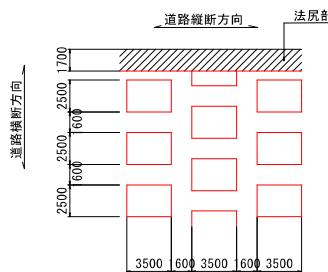
※1.  $q_{ul} = 3q_{uck}$  (設計基準強度と一軸圧縮強度の関係式)

### 改良率100%数量表(盛土法尻部)

施工区間	体積 (m <sup>3</sup> )	設計基準強度 a <sub>ck</sub> (kN/m <sup>2</sup> )	一軸圧縮強度 a <sub>ul</sub> (kN/m <sup>2</sup> )	セメント配合量 (kg/m <sup>3</sup> )
法尻部-1	943.5	150	450	110
法尻部-2	878.1	150	450	110
合計	1821.6			

※2.  $q_{ul} = 3q_{uck}$  (設計基準強度と一軸圧縮強度の関係式)

盛土部 標準配置図 S=1/200



## 地盤改良凡例



十二一般部抽盤改良範圍：改良率40%



土法尻部地盤改良範囲：改良率100%

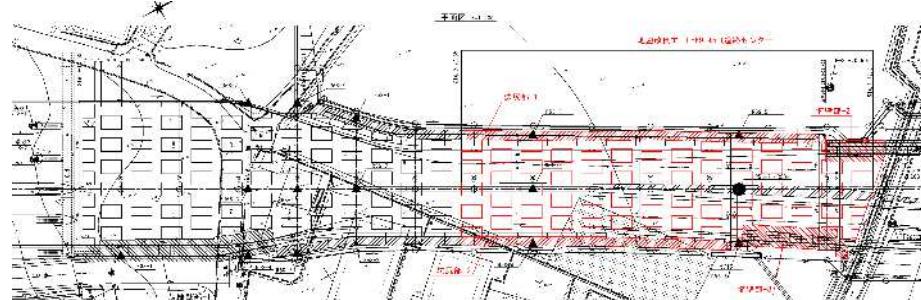


牆壁部地盤改良範囲：改良率100%

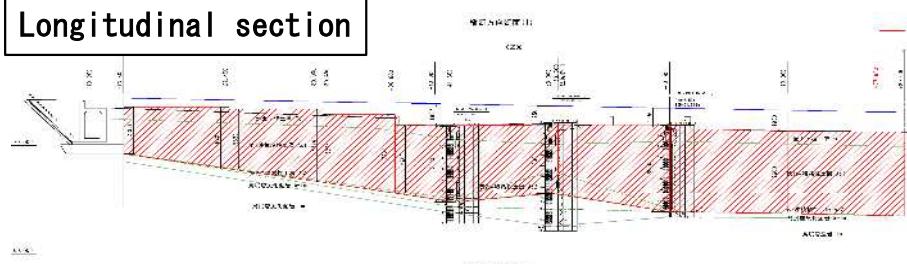
工事名	赤地インター線道路改良工事 (R6-4)		
図面名	地盤改良工平面図		
作成年月日	令和 7 年 3 月		
縮尺	1:200	図面番号	2 / 29
会社名	株式会社 中央建設コンサルタント		
事業者名	沖縄県土木建築部 中間土木事務所		

# Ground Improvement Construction Status (Intermediate layer mixing treatment)

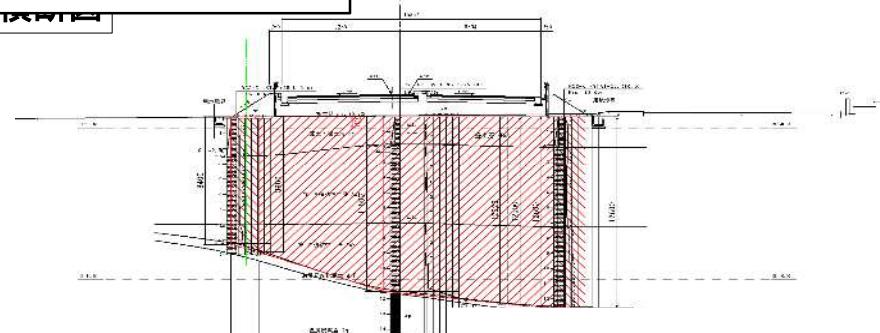
## Plan view



## Longitudinal section



## Cross-sectional diagram



地盤改良機組立



地盤改良機組立完了



プラント組立



地盤改良状況

22



地盤改良状況



地盤改良完了



改良確認(フェノール)



地盤改良完成