

MALAYSIA

Malaysia Study for

Development of

Malaysia

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MALAYSIA

**Feasibility Study for  
Beluru/Long Lama/Limbang  
Trunk Road Construction Project  
in Sarawak**

**FINAL REPORT**

**Vol . II : Drawing**

March 1980

JAPAN INTERNATIONAL COOPERATION AGENCY

国際協力事業団	
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**MALAYSIA**

**FEASIBILITY STUDY**

**FOR**

**BELURU/LONG LAMA/LIMBANG**

**TRUNK ROAD CONSTRUCTION**

**VOL. II DRAWINGS**

**MARCH 1980**

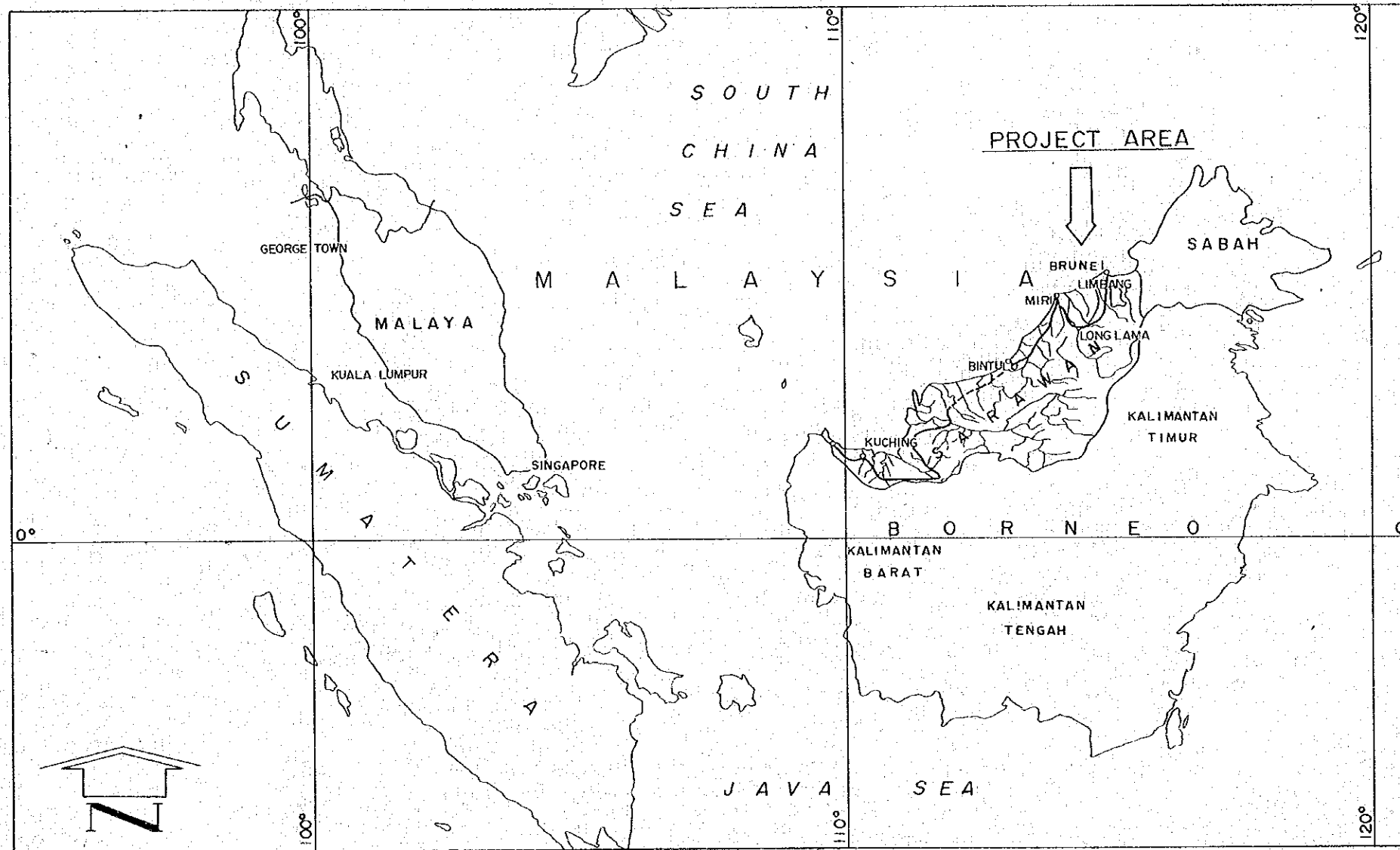
**JAPAN INTERNATIONAL COOPERATION AGENCY**

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PROJECT	SHEET NO.	TOTAL SHEET
BELURU / LONG LAMA / LIMBANG TRUNK ROAD CONSTRUCTION PROJECT	I	54
MAP OF MALAYSIA		

## MAP OF MALAYSIA

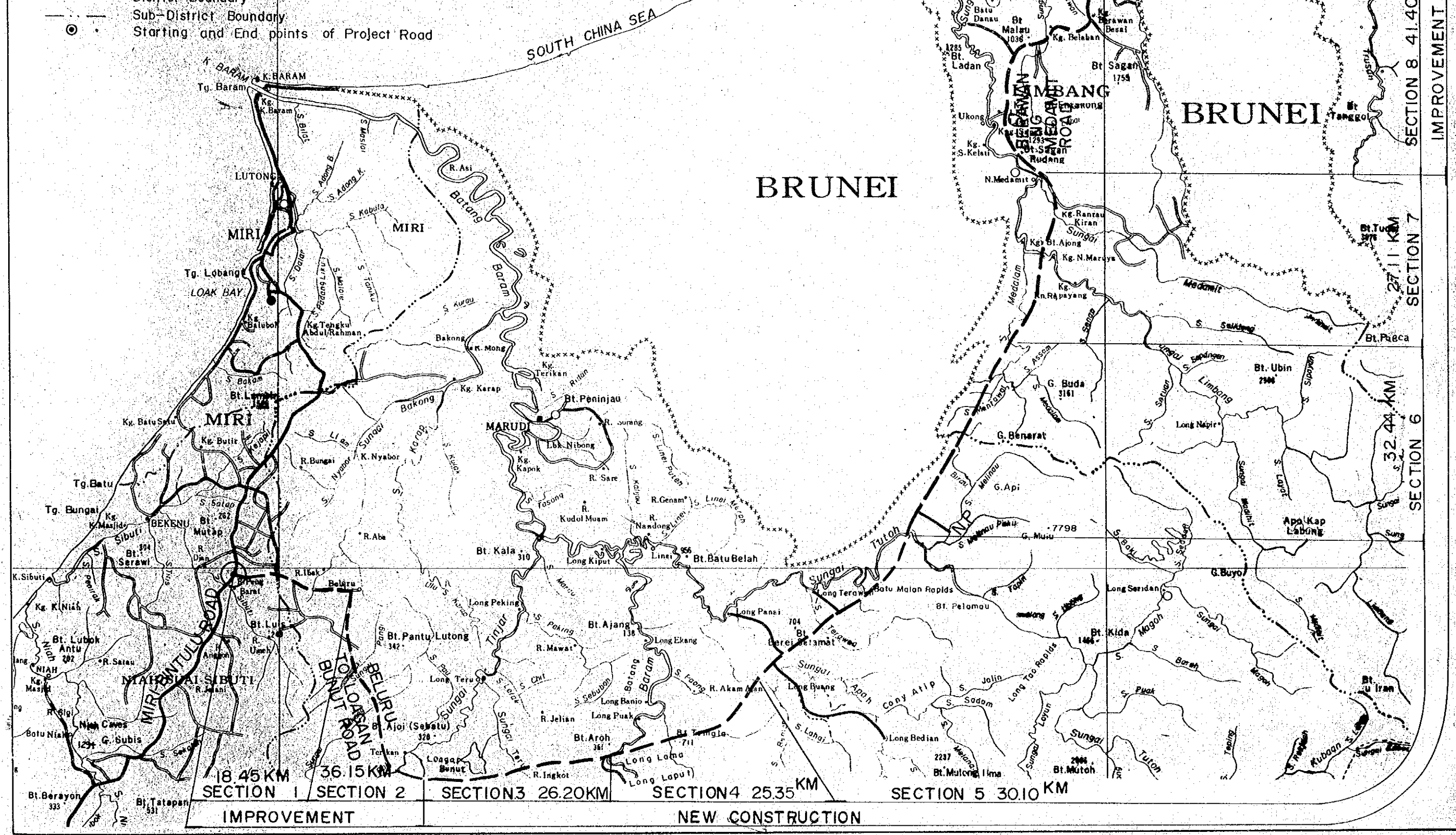
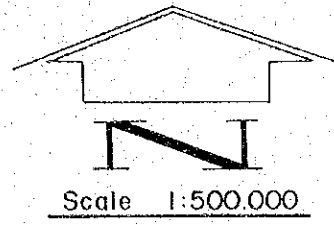


# MAP OF PROJECT AREA

PROJECT		SHEET NO.	TOTAL SHEET
BELURU	LONG LAMA	2	54
TRUNK ROAD CONSTRUCTION PROJECT			

# MAP OF PROJECT AREA

- LEGEND**
- Project Road
  - Feeder Road
  - Existing Road
  - International Boundary
  - Divisional Boundary
  - District Boundary
  - Sub-District Boundary
  - Starting and End points of Project Road



SECTION 1 18.45 KM    SECTION 2 36.15 KM    SECTION 3 26.20 KM    SECTION 4 25.35 KM    SECTION 5 30.10 KM    SECTION 6 32.44 KM    SECTION 7 27.11 KM    SECTION 8 41.40 KM

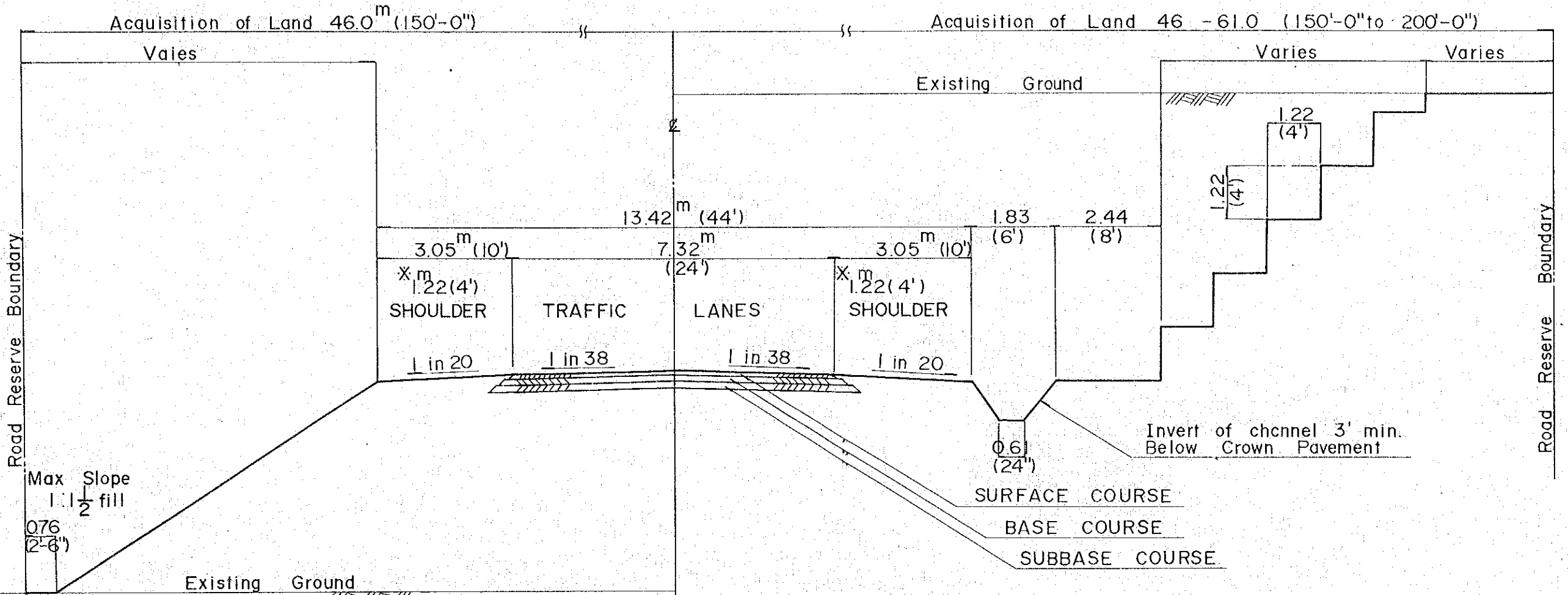
IMPROVEMENT    NEW CONSTRUCTION



PROJECT	SHEET NO.	TOTAL SHEET
BELURU / LONG LAMA / LIMBANG TRUNK ROAD CONSTRUCTION PROJECT	3	54
TYPICAL CROSS SECTION		SCALE 1:100

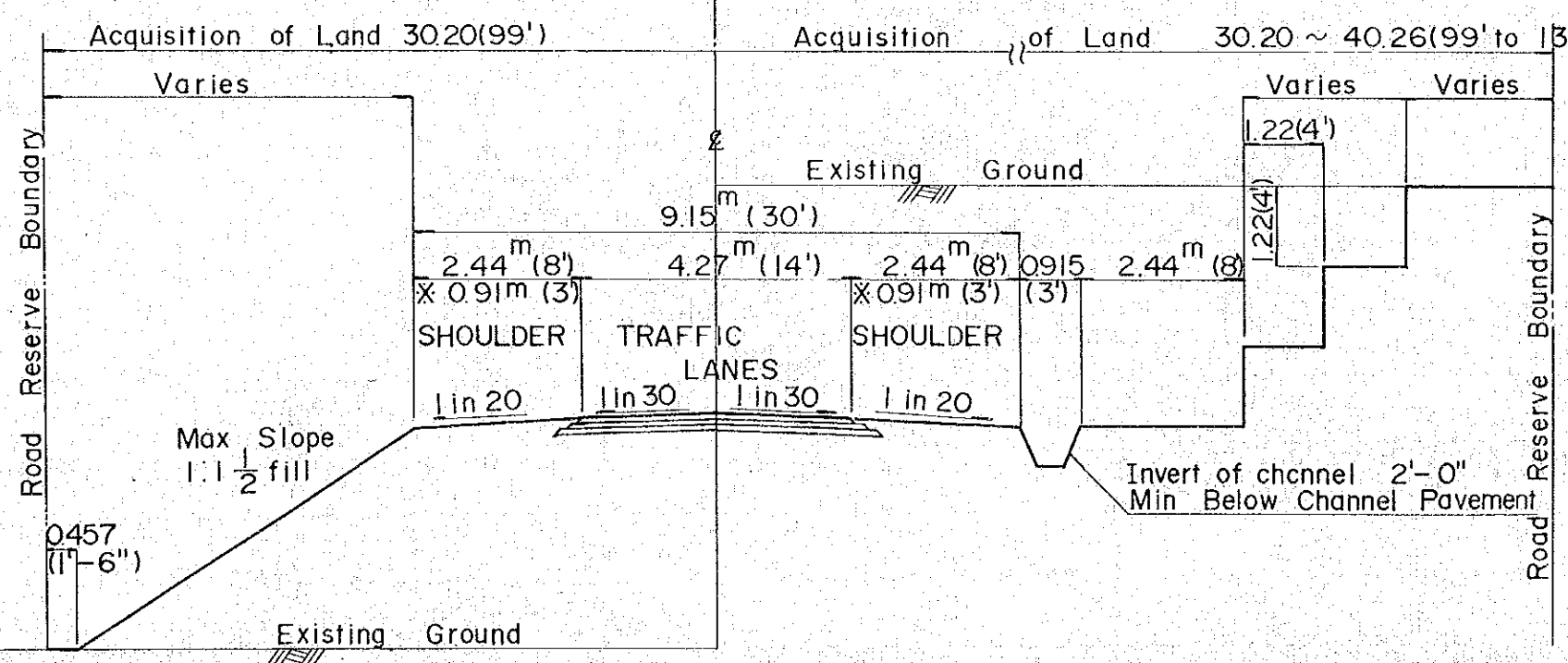
**TRUNK ROAD SECTION**  
**EMBANKMENT SECTION**

**CUT SECTION**



**FEEDER ROAD SECTION**  
**EMBANKMENT SECTION**

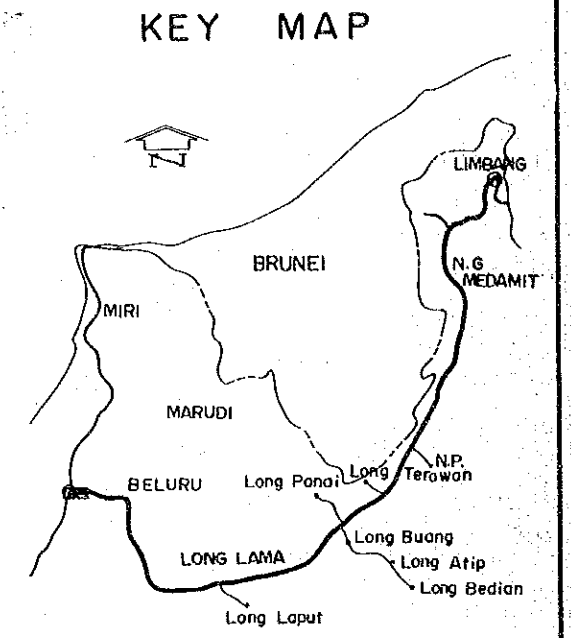
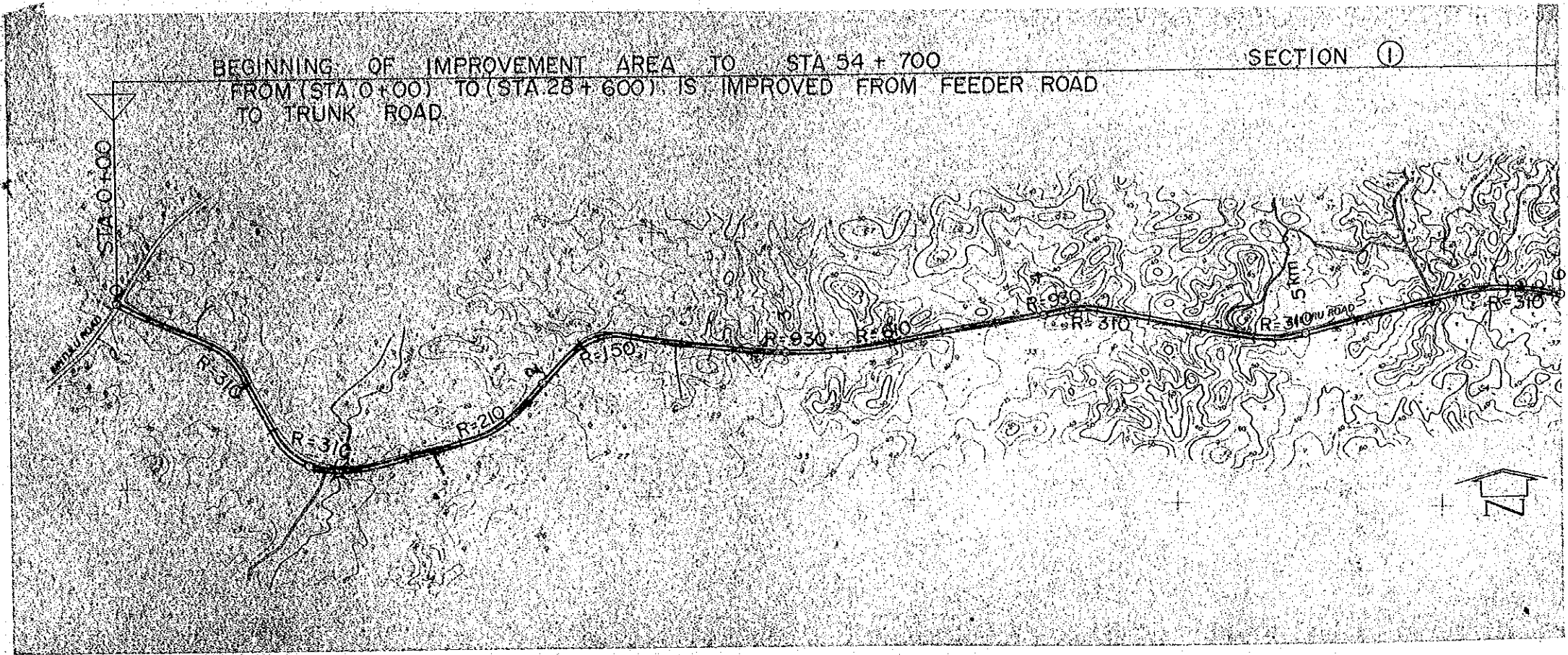
**CUT SECTION**



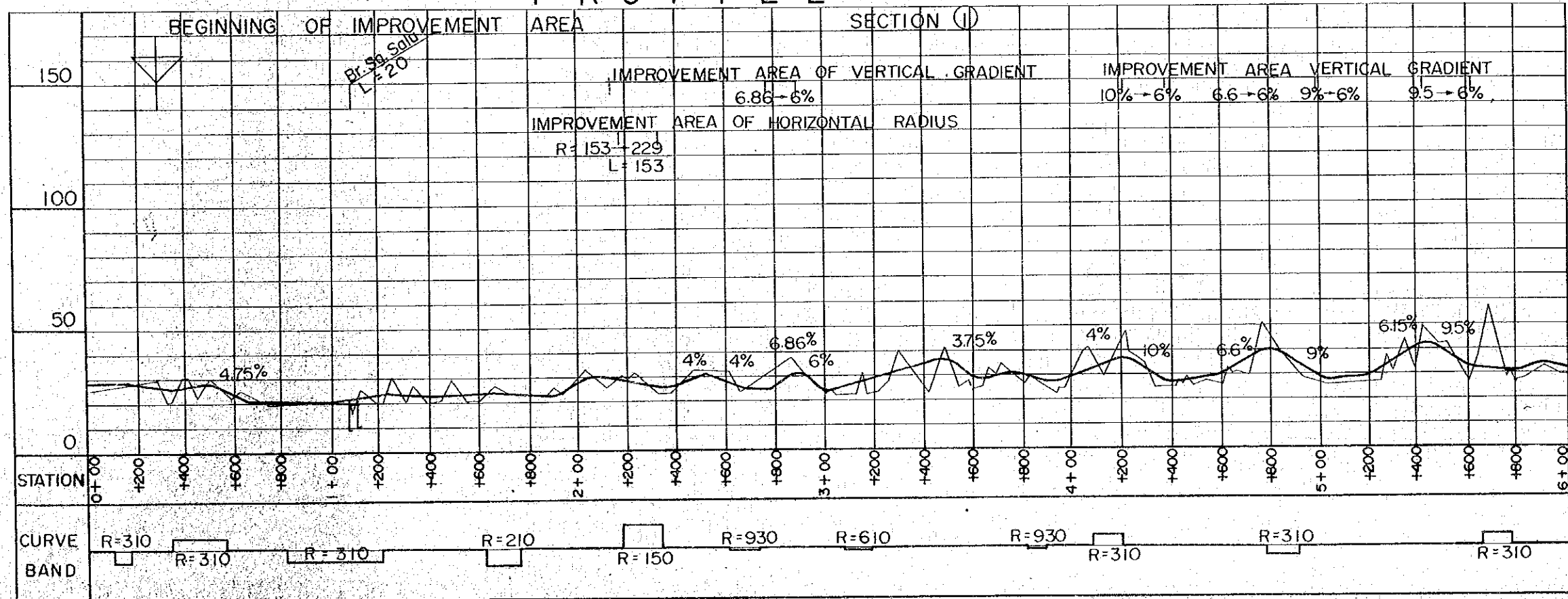
**NOTE**  
 \* THE WIDTH OF SHOULDER ON THE MOUNTAINOUS AREA FOR TERRAIN EVALUATION

PROJECT	SHEET NO.	TOTAL SHEET
BELURU / LONG LAMA / LIMBANG TRUNK ROAD CONSTRUCTION PROJECT	4	54
PLAN AND PROFILE	SCALE	H=1:20,000 V=1:2,000

# PLAN



# PROFILE



## HORIZONTAL ALIGNMENT

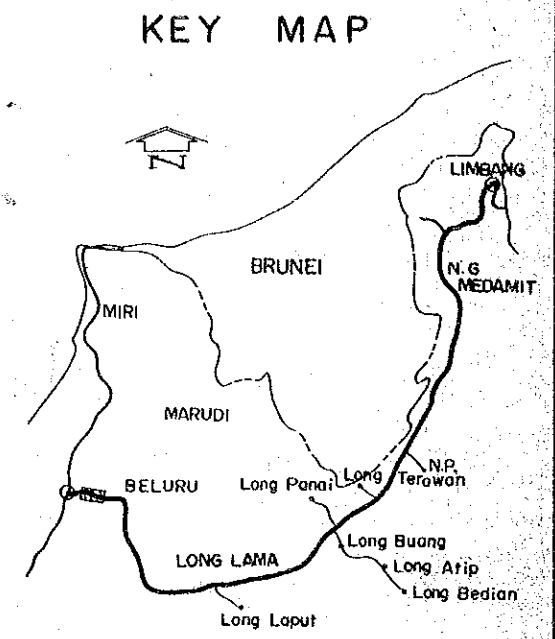
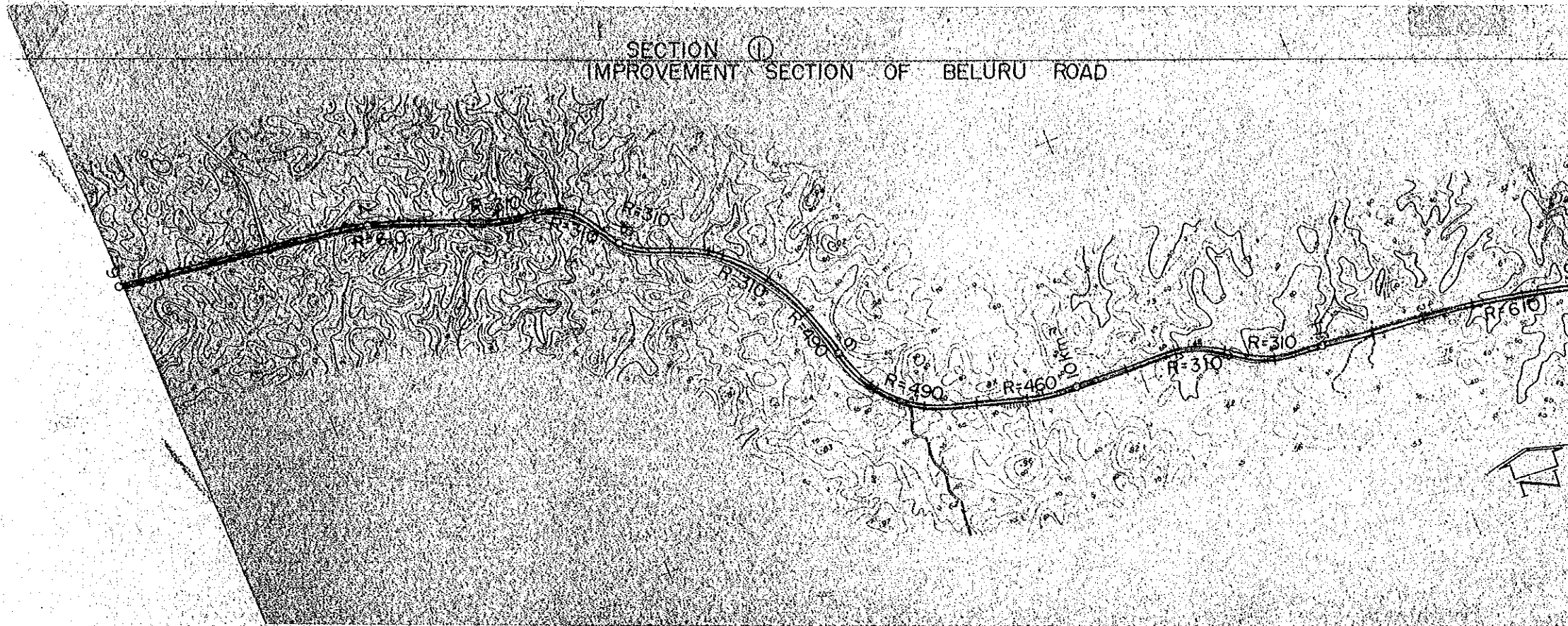
- SCALE 1:20,000
- : CENTER LINE
  - : ROAD RESERVE BOUNDARY
  - : BRIGE
  - R : RADIUS

## VERTICAL ALIGNMENT

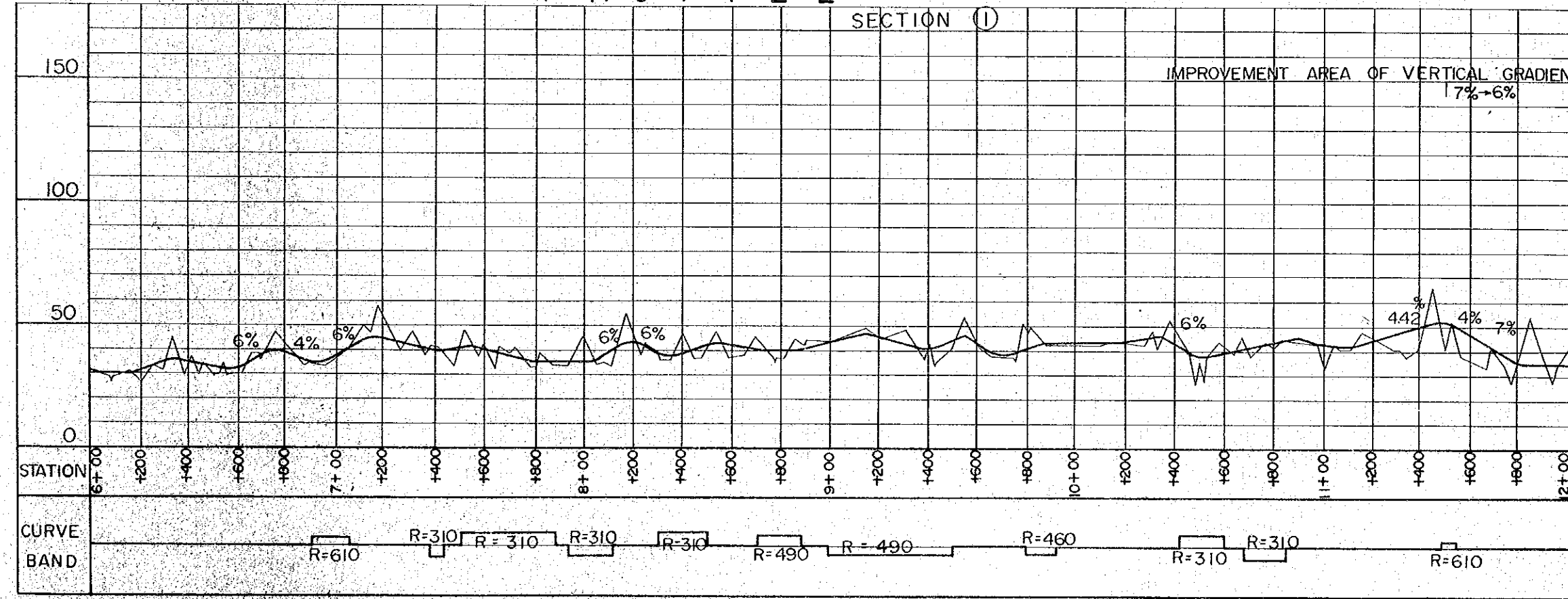
- HORIZONTAL SCALE 1:20,000  
VERTICAL SCALE 1:2,000
- : BRIGE
  - 1.0% : GRADIENT OF REC'D PROFILE
  - : EXSITING GL
  - o : DRAINAGE STRUCTURE

PROJECT	SHEET NO.	TOTAL SHEET
BELURU / LONG LAMA / LIMBANG TRUNK ROAD CONSTRUCTION PROJECT	5	54
PLAN AND PROFILE	SCALE	H=1:20,000 V=1:2,000

# PLAN



# PROFILE



## HORIZONTAL ALIGNMENT

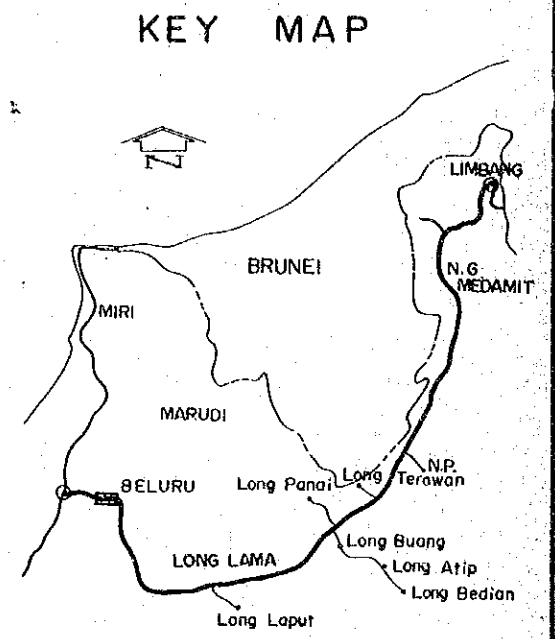
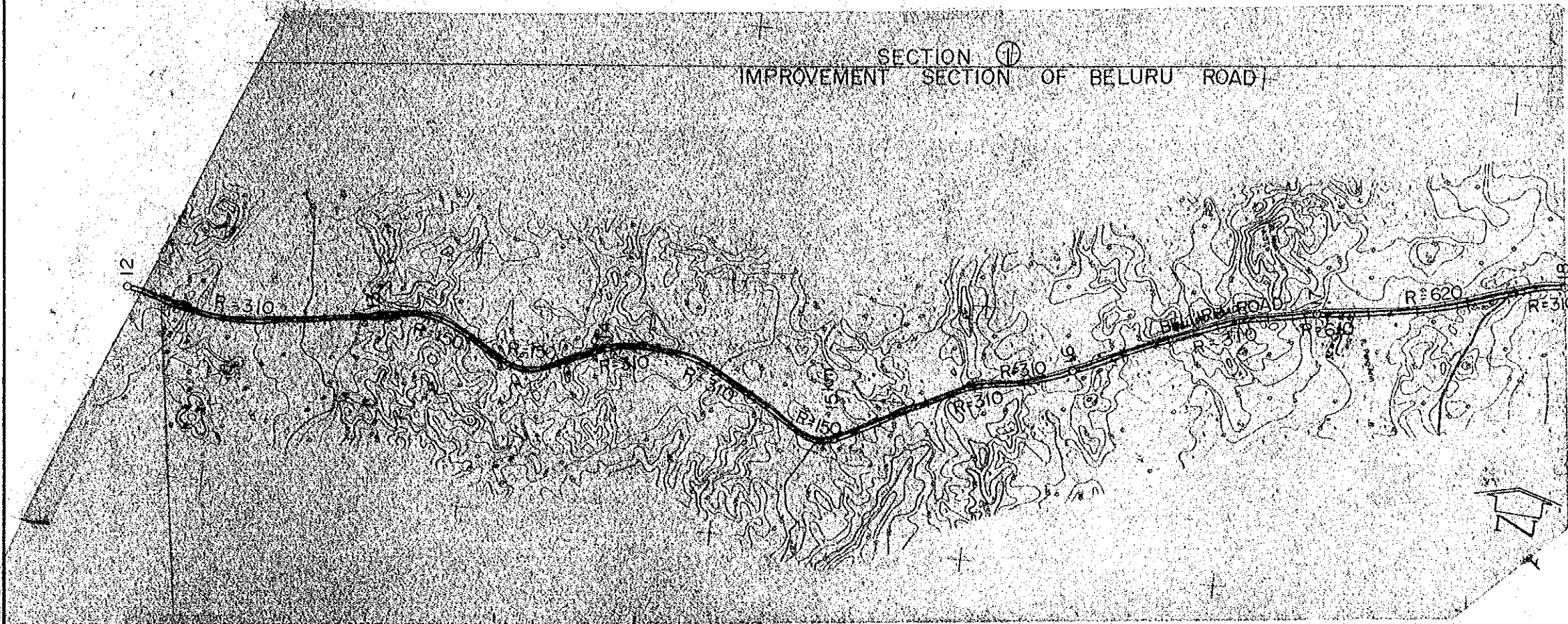
- SCALE 1: 20,000
- : CENTER LINE
  - : ROAD RESERVE BOUNDARY
  - ||| : BRIGE
  - R : RADIUS

## VERTICAL ALIGNMENT

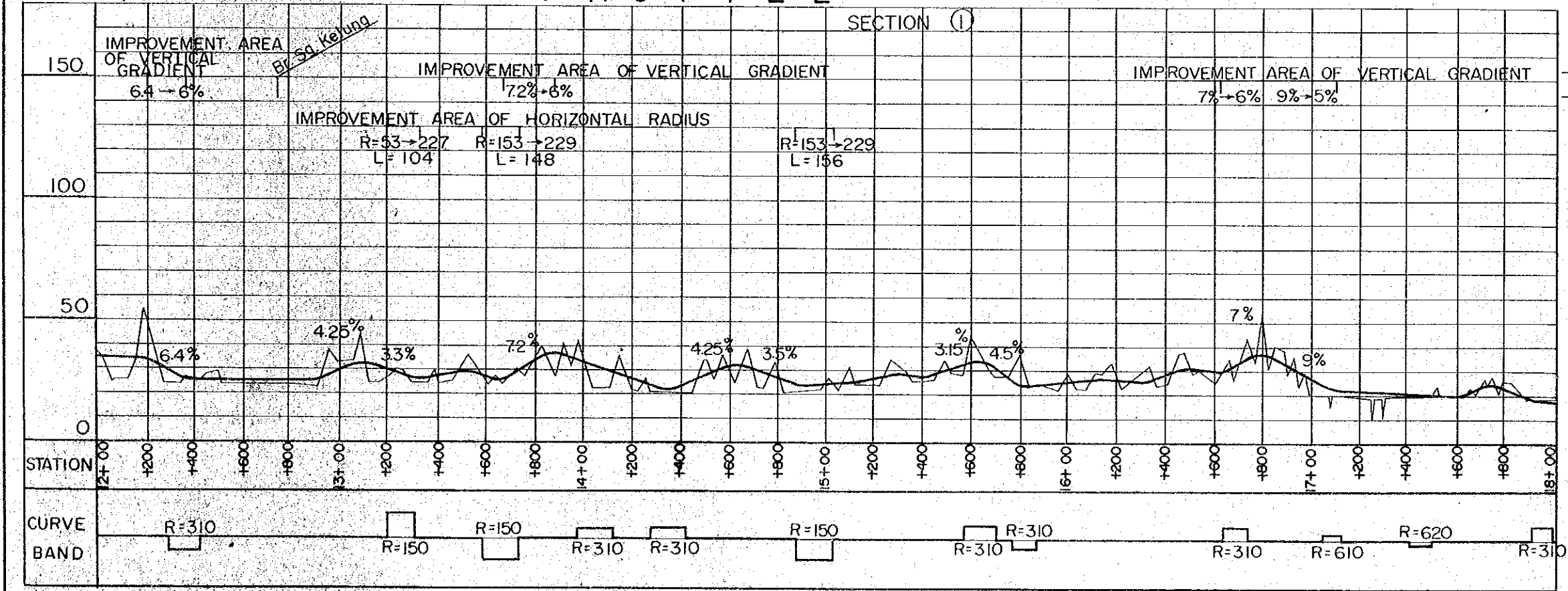
- HORIZONTAL SCALE 1: 20,000  
VERTICAL SCALE 1: 2,000
- : BRIGE
  - 1.0% : GRADIENT OF REC'D PROFILE
  - ~ : EXSITING GL
  - o : DRAINAGE STRUCTURE

PROJECT BELURU / LONG LAMA / LIMBANG TRUNK ROAD CONSTRUCTION PROJECT	SHEET NO.	TOTAL SHEET
	6	54
PLAN AND PROFILE	SCALE	H = 1:20,000 V = 1:2,000

# PLAN



# PROFILE



## HORIZONTAL ALIGNMENT

- SCALE 1: 20,000
- : CENTER LINE
  - : ROAD RESERVE BOUNDARY
  - ||| : BRIGE
  - R : RADIUS

## VERTICAL ALIGNMENT

- HORIZONTAL SCALE 1: 20,000  
VERTICAL SCALE 1: 2,000
- : BRIGE
  - 1.0% : GRADIENT OF REC'D PROFILE
  - ~ : EXSITING GL
  - o : DRAINAGE STRUCTURE