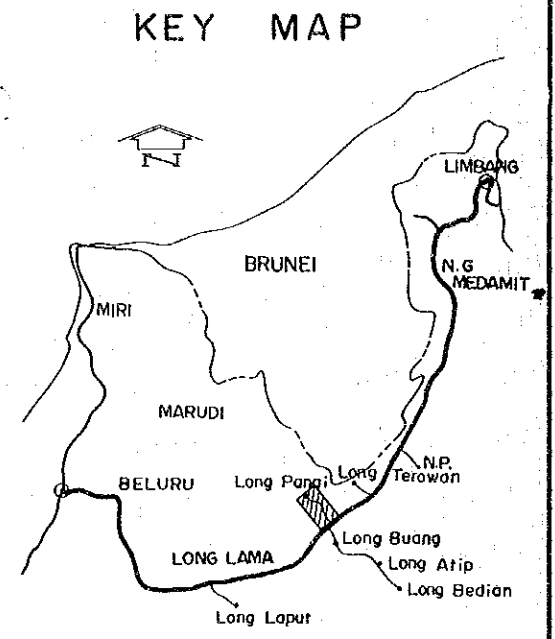
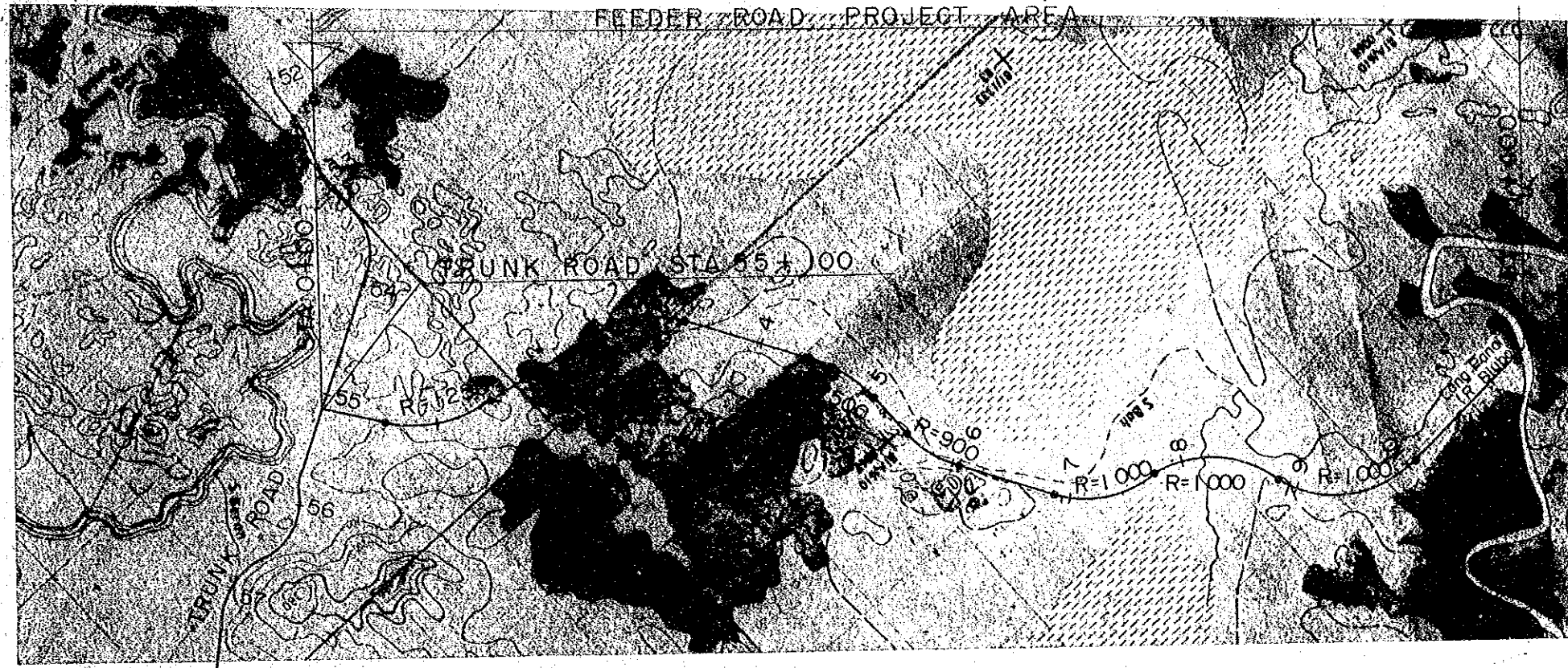
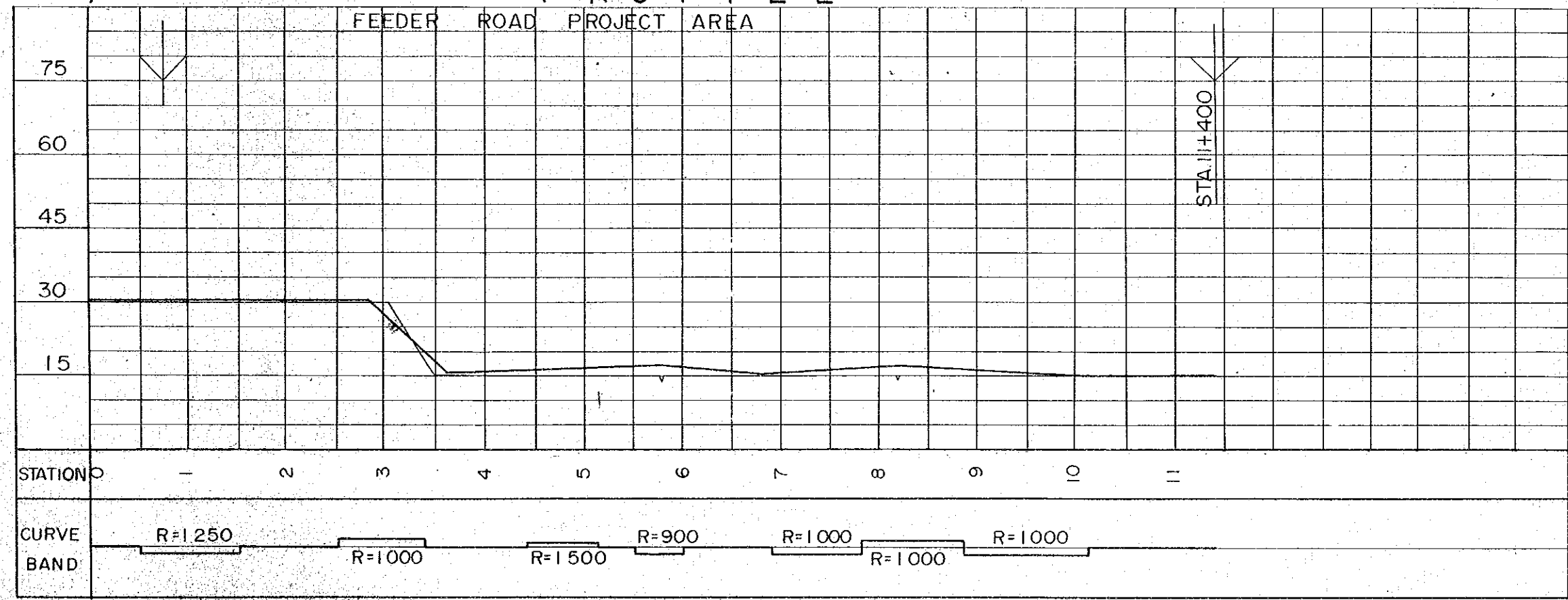


|   |           |                                 |
|---|-----------|---------------------------------|
| PROJECT   | SHEET NO. | TOTAL SHEET                     |
| BELURU / LONG LAMA / LIMBANG<br>TRUNK ROAD CONSTRUCTION PROJECT | 48        | 54                              |
| PLAN AND PROFILE  | SCALE     | H = 1 : 50,000<br>V = 1 : 1,000 |

# PLAN



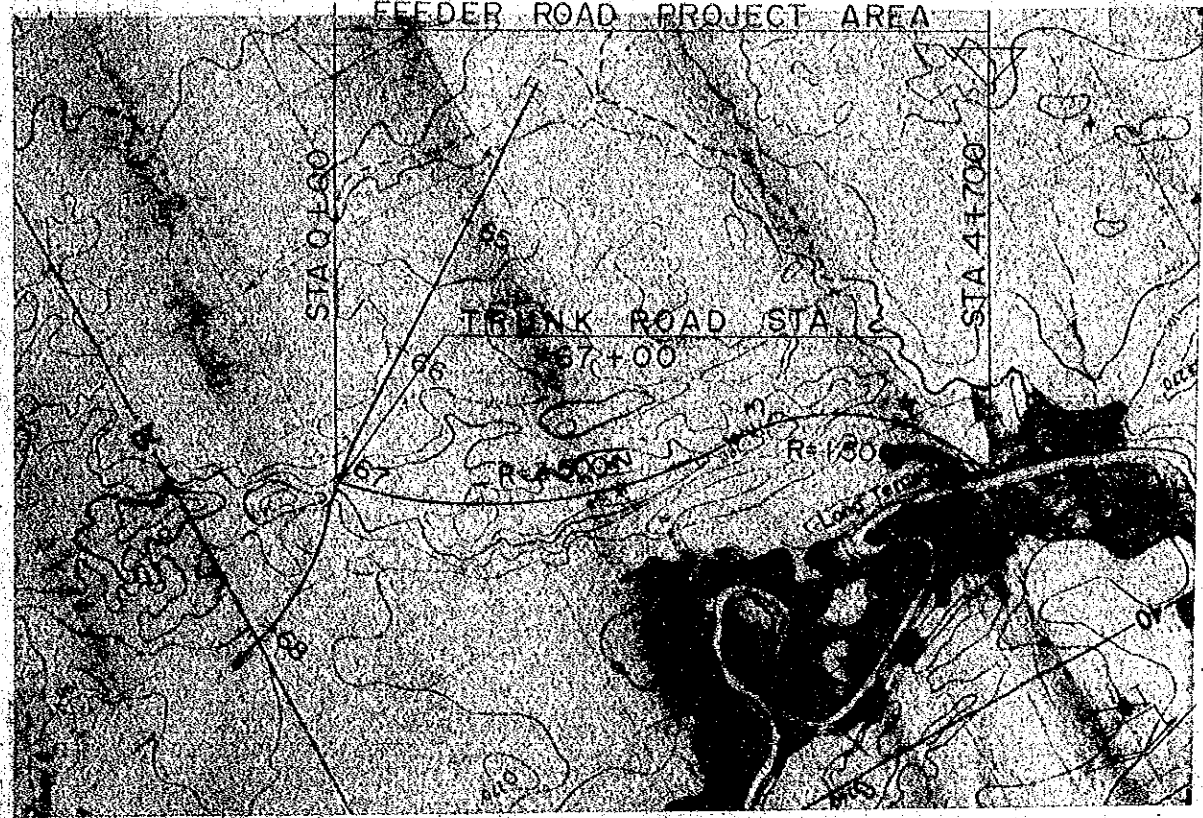
# PROFILE



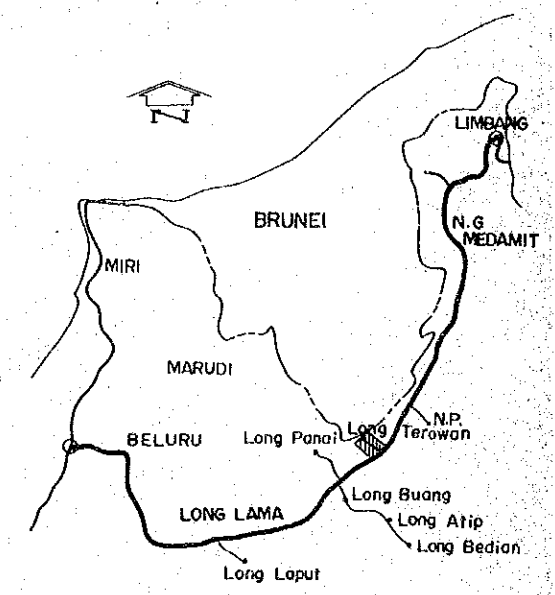
- HORIZONTAL ALIGNMENT
- SCALE 1 : 50,000
- : CENTER LINE
  - : ROAD RESERVE BOUNDARY
  - || : BRIGE
  - R : RADIUS
- VERTICAL ALIGNMENT
- HORIZONTAL SCALE 1 : 50,000
- VERTICAL SCALE 1 : 1,000
- : BRIGE
  - 10% : GRADIENT OF REC'D PROFILE
  - ~ : EXSITING GL
  - o : DRAINAGE STRUCTURE

|   |           |                                 |
|---|-----------|---------------------------------|
| PROJECT   | SHEET NO. | TOTAL SHEET                     |
| BELURU / LONG LAMA / LIMBANG<br>TRUNK ROAD CONSTRUCTION PROJECT | 49        | 54                              |
| PLAN AND PROFILE  | SCALE     | H = 1 : 50,000<br>V = 1 : 1,000 |

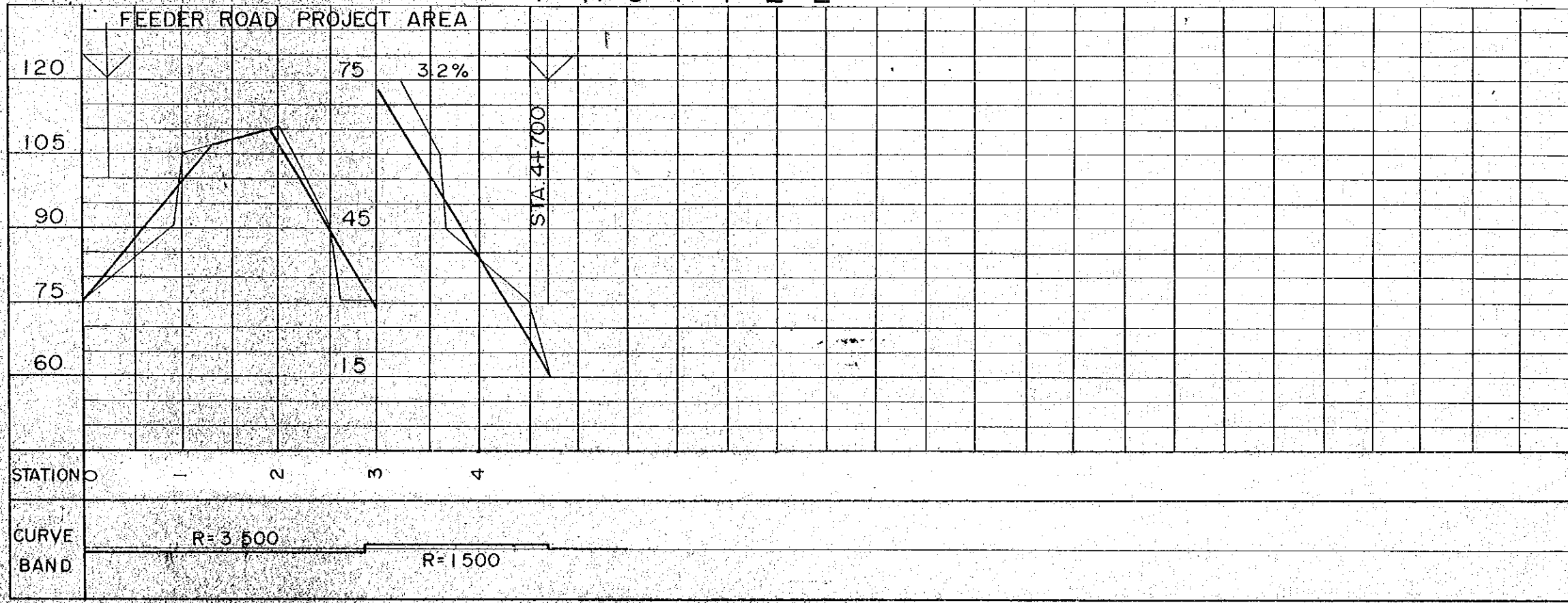
# PLAN



# KEY MAP



# PROFILE



# HORIZONTAL ALIGNMENT

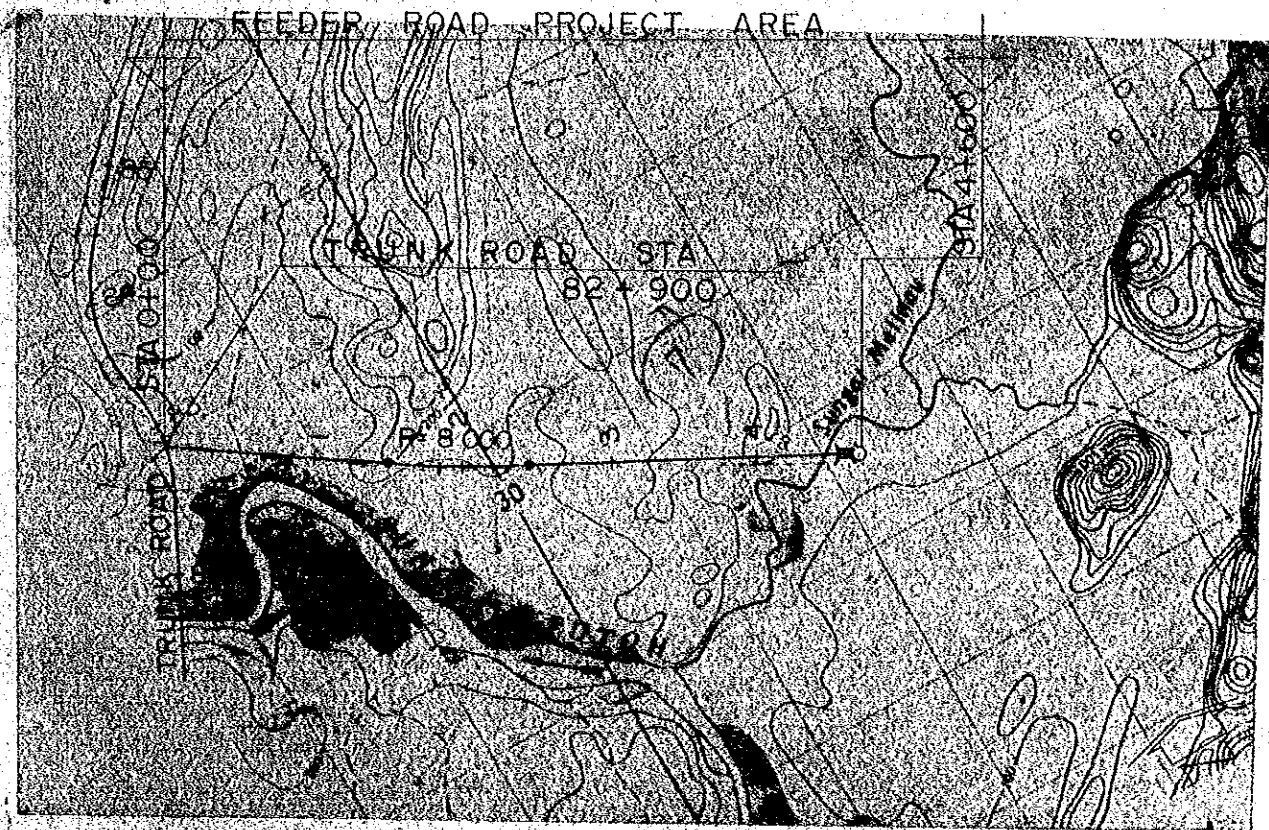
- SCALE 1 : 50,000
- : CENTER LINE
  - : ROAD RESERVE BOUNDARY
  - ≡ : BRIDGE
  - R : RADIUS

# VERTICAL ALIGNMENT

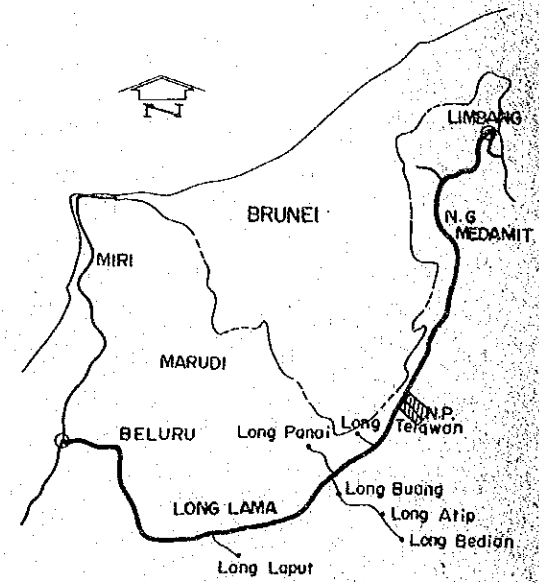
- HORIZONTAL SCALE 1 : 50,000  
VERTICAL SCALE 1 : 1,000
- : BRIDGE
  - 1.0% : GRADIENT OF REC'D PROFILE
  - : EXSITING GL
  - o : DRAINAGE STRUCTURE

|  |           |                                 |
|--|-----------|---------------------------------|
| PROJECT  | SHEET NO. | TOTAL SHEET                     |
| BELURU / LONG LAMA / LIMBANG TRUNK ROAD CONSTRUCTION PROJECT | 50        | 54                              |
| PLAN AND PROFILE   | SCALE     | H = 1 : 50,000<br>V = 1 : 1,000 |

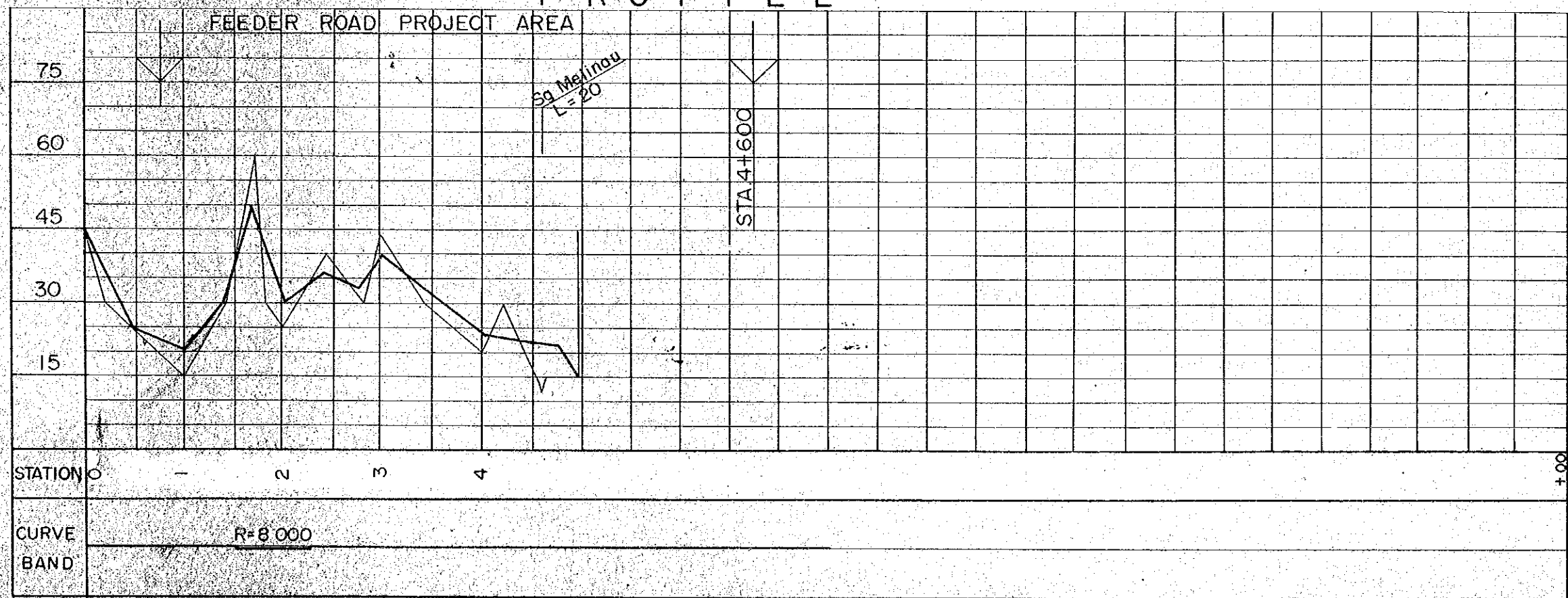
# P L A N



## KEY MAP



# P R O F I L E



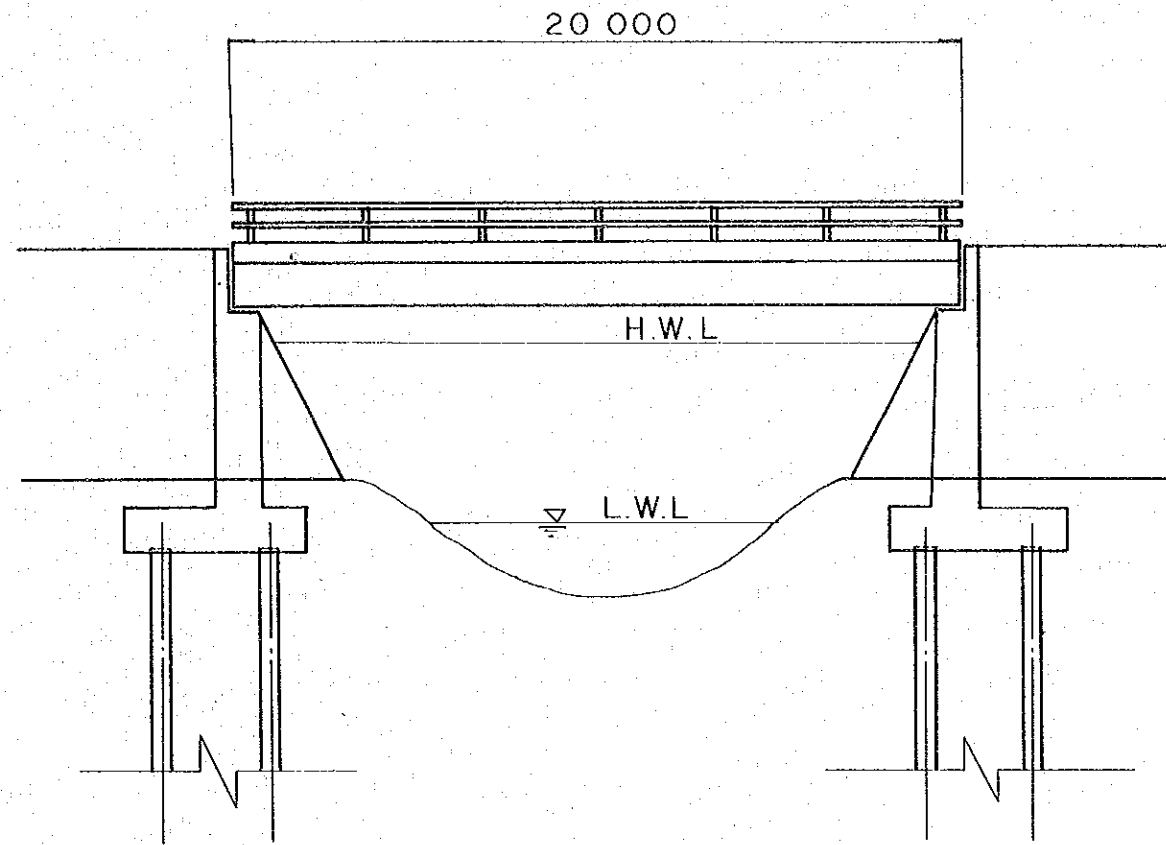
## HORIZONTAL ALIGNMENT

- SCALE 1 : 50,000
- : CENTER LINE
  - : ROAD RESERVE BOUNDARY
  - : BRIGE
  - R : RADIUS

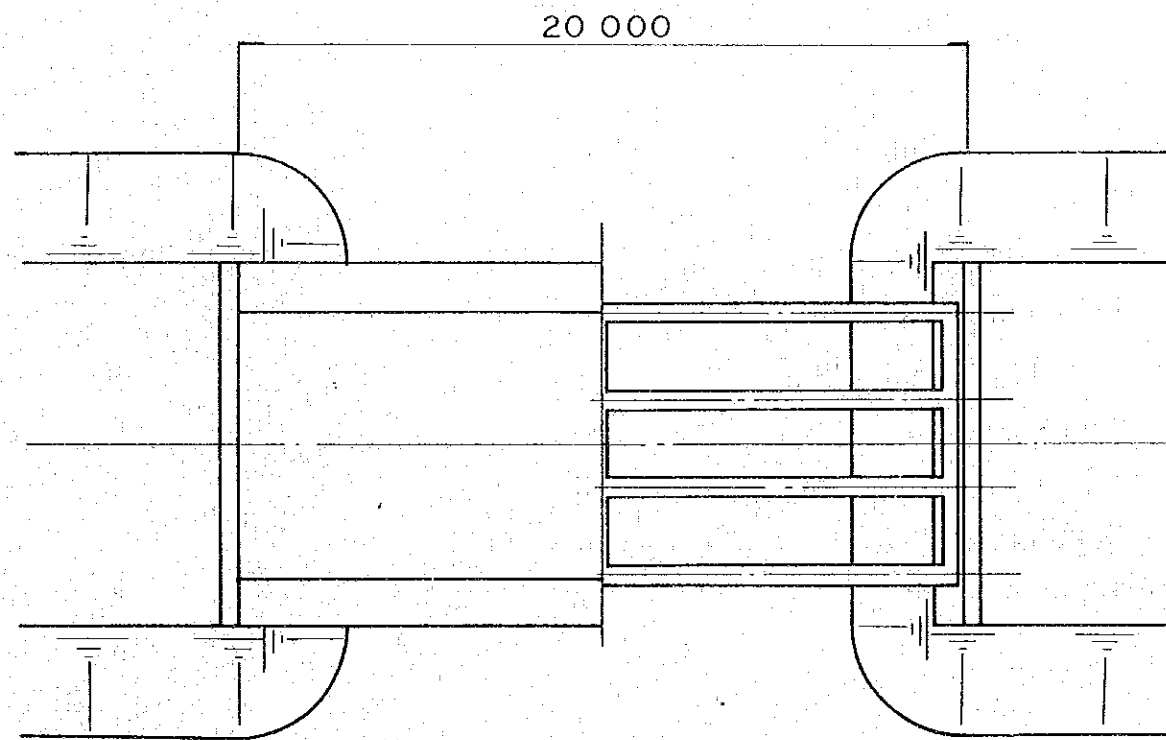
## VERTICAL ALIGNMENT

- HORIZONTAL SCALE 1 : 50,000  
VERTICAL SCALE 1 : 1,000
- : BRIGE
  - 10% : GRADIENT OF REC'D PROFILE
  - : EXSITING GL
  - o : DRAINAGE STRUCTURE

ELVATION SCALE 1 : 200

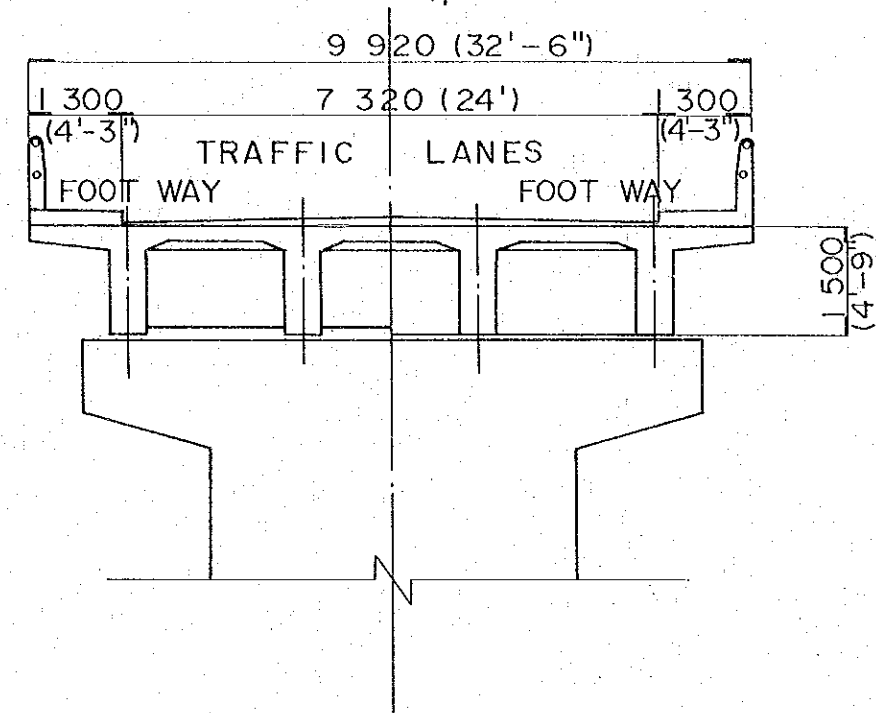


PLAN SCALE 1 : 200



|  |           |                    |
|--|-----------|--------------------|
| PROJECT  | SHEET NO. | TOTAL SHEET        |
| BELURU / LONG LAMA / LIMBANG TRUNK ROAD CONSTRUCTION PROJECT | 51        | 54                 |
| SHORT SPAN BRIDGE  | SCALE     | 1 : 100<br>1 : 200 |

SECTION SCALE 1 : 100



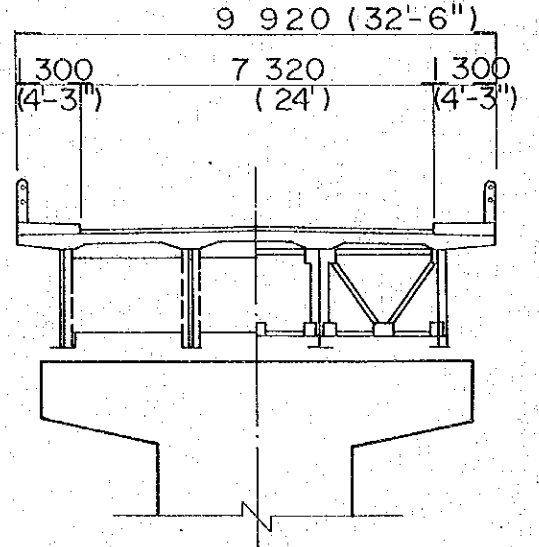
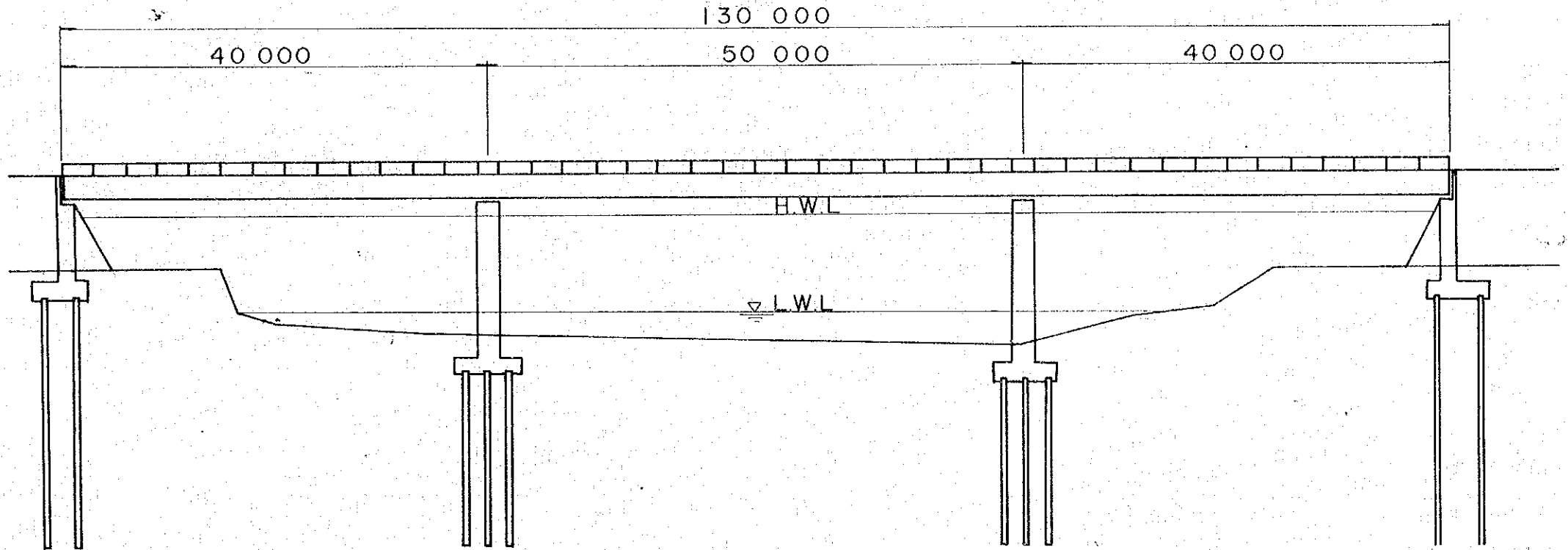
NOTE

1. SUPERSTRUCTURE TYPE IS OF REINFORCED CONCRETE BEAM.
2. ALL SIZES AND NUMBERS OF SUPERSTRUCTURE, SUBSTRUCTURE AND FOUNDATION PILES ARE PRELIMINARY.
3. DIMENSIONS ARE IN MILLIMETERS.

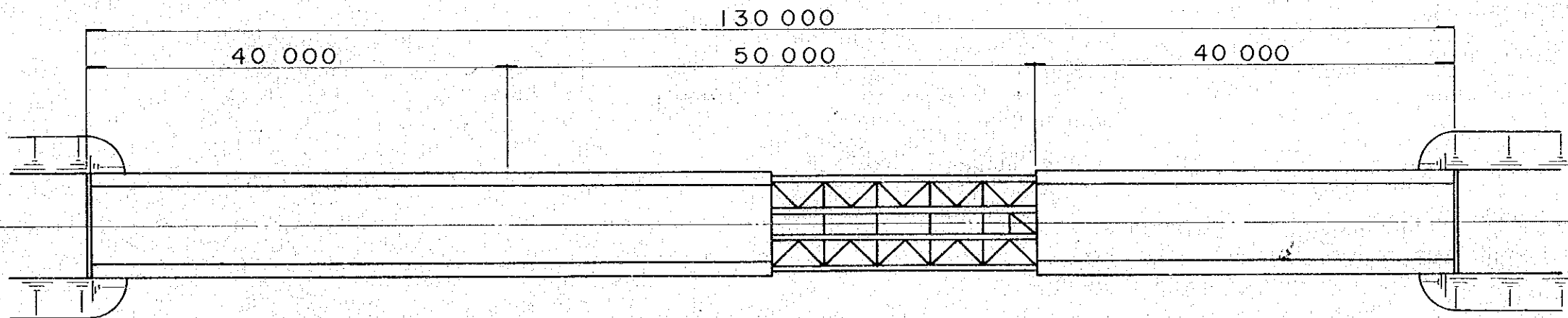
|   |           |             |
|---|-----------|-------------|
| PROJECT   | SHEET NO. | TOTAL SHEET |
| BELURU / LONG LAMA / LIMBANG<br>TRUNK ROAD CONSTRUCTION PROJECT | 52        | 54          |
| <b>MODERATE SPAN BRIDGE</b>                                     | SCALE     | 1 : 500     |

ELEVATION SCALE 1 : 500

SECTION SCALE 1 : 150



P L A N SCALE 1 : 500

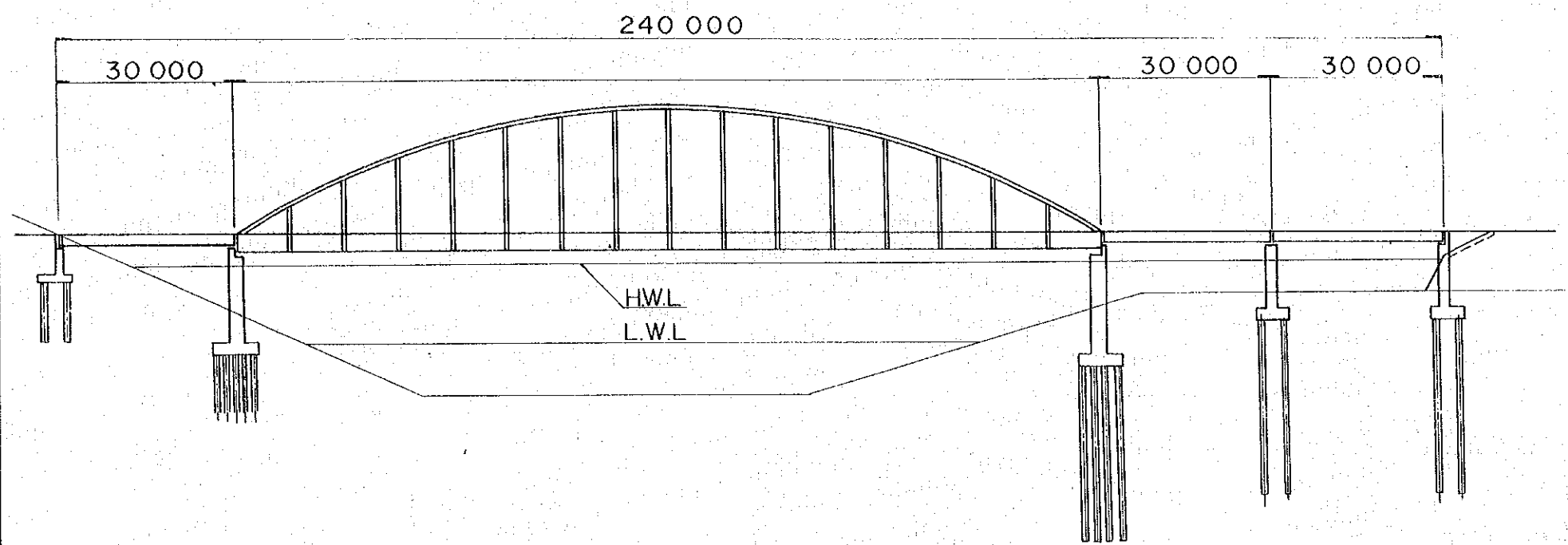


NOTES.

1. SUPERSTRUCTURE TYPE IS OF CONTINUOUS STEEL GIRDER.
2. ALL SIZES AND NUMBERS OF SUPERSTRUCTURE, SUBSTRUCTURE, AND FOUNDATION PILES ARE PRELIMINARY.
3. DIMENSIONS ARE IN MILLIMETERS.

ELEVATION SCALE 1 : 500

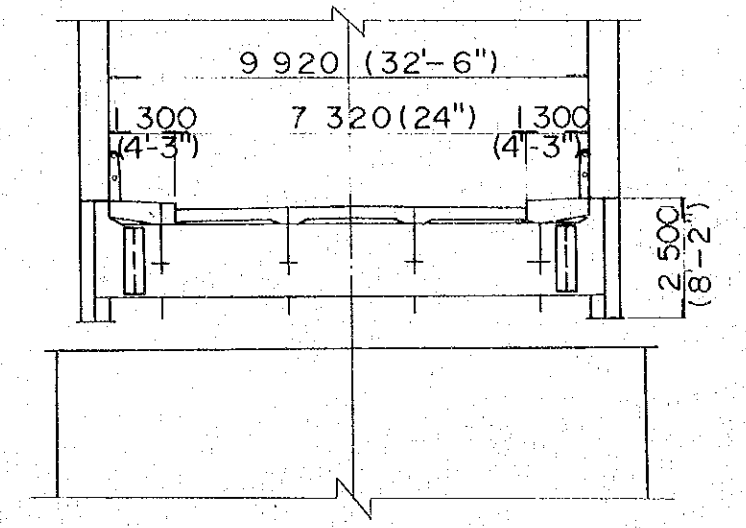
|  |           |                     |
|--|-----------|---------------------|
| PROJECT  | SHEET NO. | TOTAL SHEET         |
| BELURU / LONG LAMA / LIMBANG TRUNK ROAD CONSTRUCTION PROJECT | 53        | 54                  |
| LONG SPAN BRIDGE   | SCALE     | 1 : 150<br>1 : 1000 |



PLAN SCALE 1 : 1 000

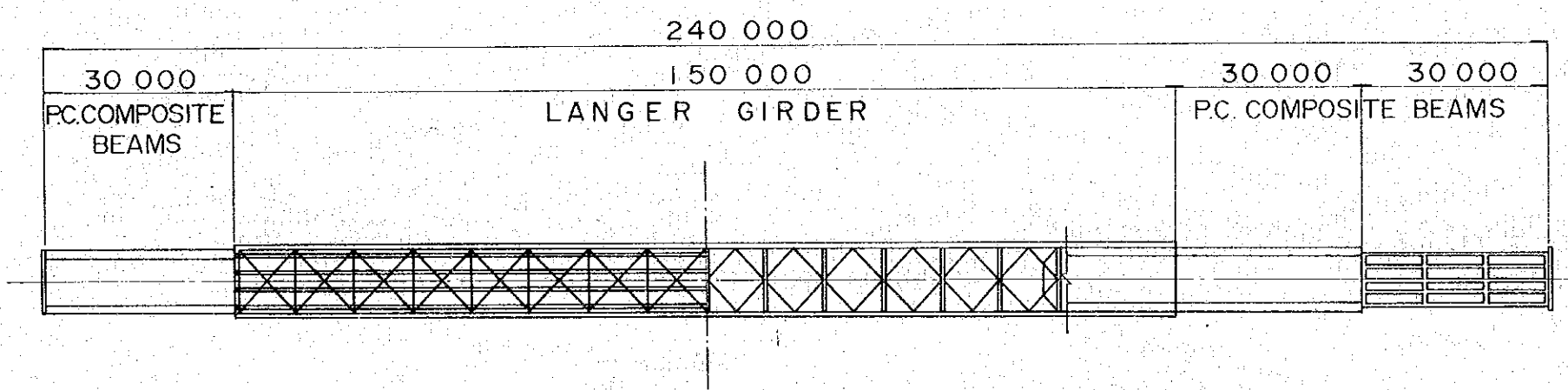
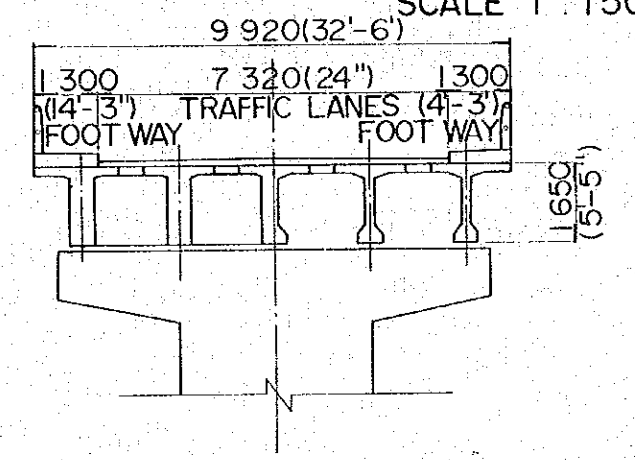
LANGER GIRDER SECTION

SCALE 1 : 150



PRESTRESSED CONCRETE COMPOSITE BEAMS SECTION

SCALE 1 : 150

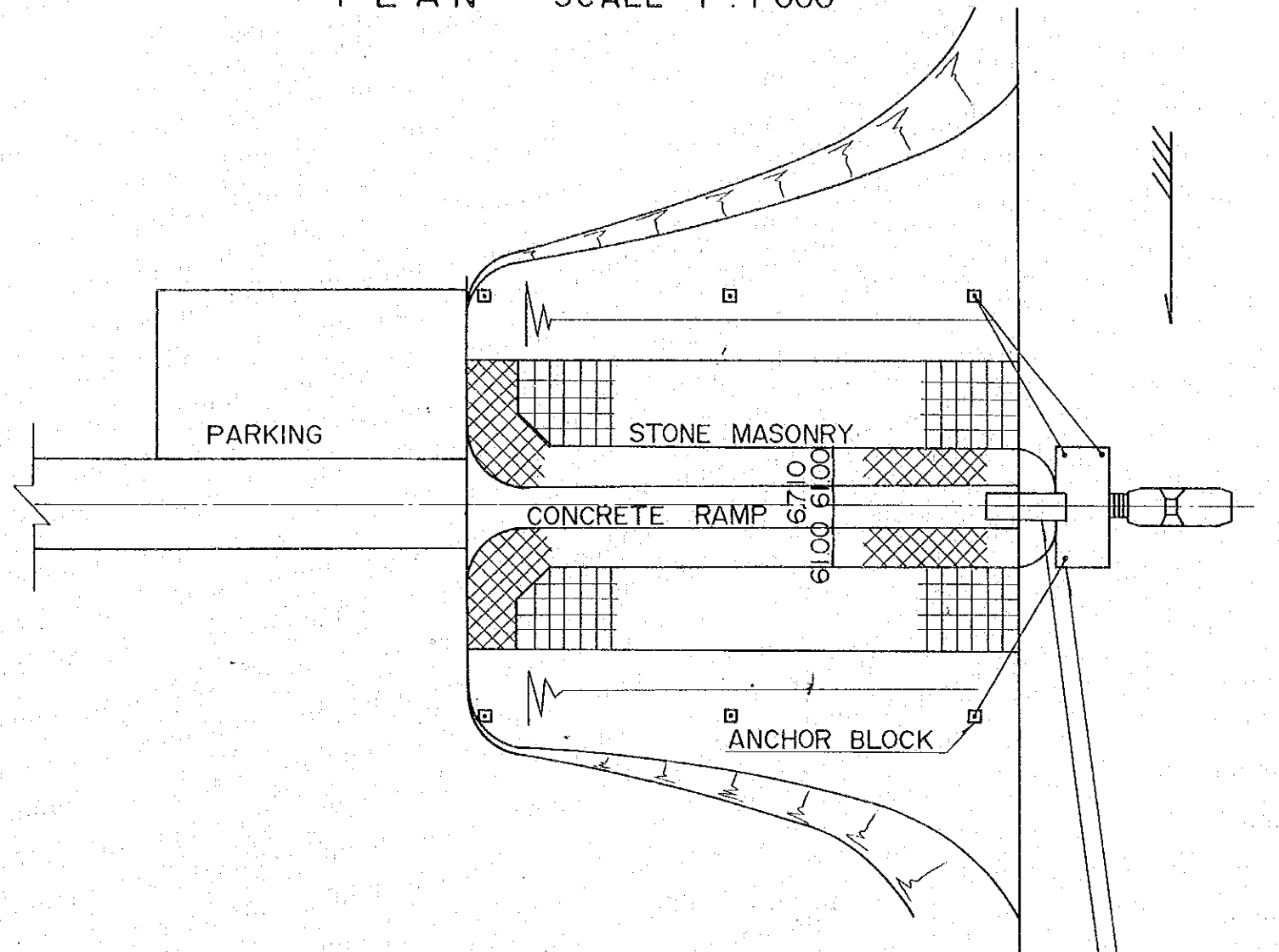


NOTE

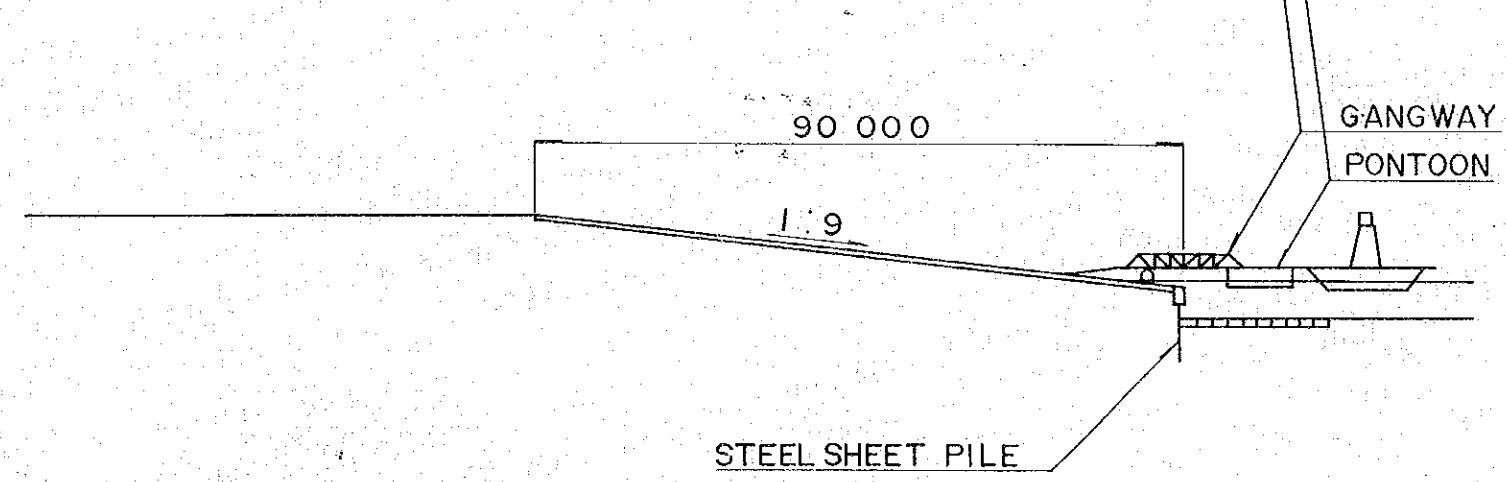
1. SUPERSTRUCTURE TYPE IS OF LANGER GIRDER AND PRESTRESSED CONCRETE COMPOSITE BEAM.
2. ALL SIZES AND NUMBERS OF SUPERSTRUCTURE, SUBSTRUCTURE, AND FOUNDATION PILES ARE PRELIMINARY.
3. DIMENSIONS ARE IN MILLIMETERS.

|   |           |                      |
|---|-----------|----------------------|
| PROJECT   | SHEET NO. | TOTAL SHEET          |
| BELURU / LONG LAMA / LIMBANG<br>TRUNK ROAD CONSTRUCTION PROJECT | 54        | 54                   |
| FERRY FACILITY  | SCALE     | 1 : 100<br>1 : 1 000 |

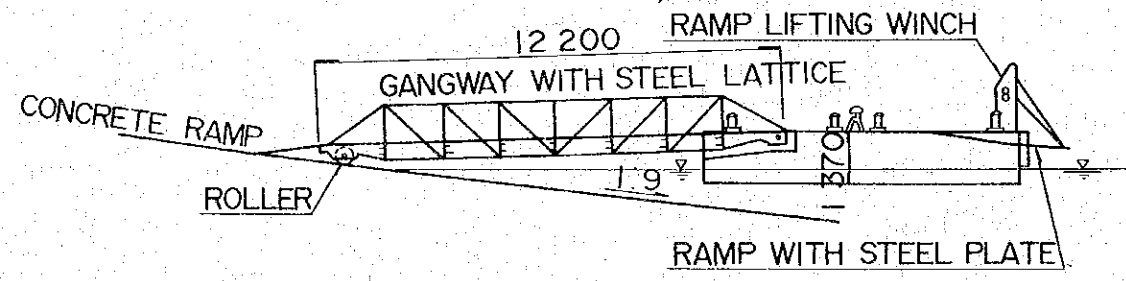
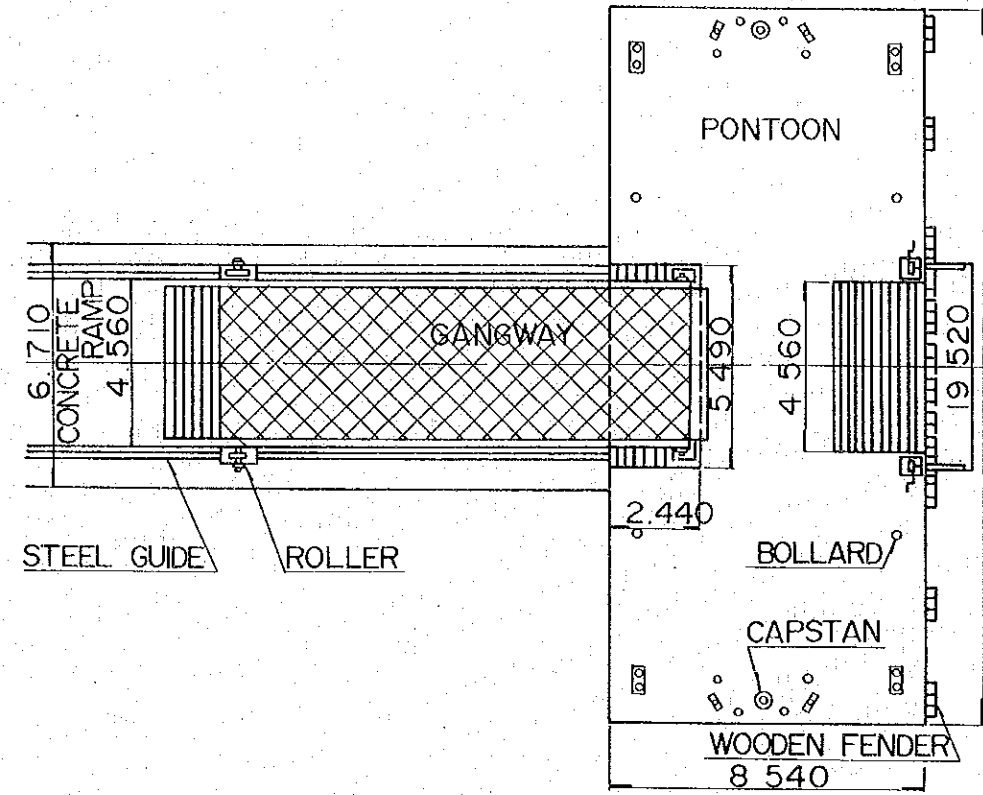
PLAN SCALE 1 : 1 000



PROFILE SCALE 1 : 100



PROPOSED BERTHING FACILITIES



NOTE

1. THIS FERRY FACILITY IS USED FOR CROSSING BATANG BARAM.
2. INDICATION OF FERRY, GANGWAY, AND PONTOON ARE PRELIMINARY.
3. DIMENSIONS ARE IN MILLIMETERS.





