

**THE KINGDOM OF THAILAND
BANGKOK METROPOLITAN ADMINISTRATION**

**STUDY ON ROAD IMPROVEMENT,
REHABILITATION AND TRAFFIC SAFETY
IN BANGKOK**

FINAL REPORT

VOLUME VII DRAWINGS

MARCH 1987

JAPAN INTERNATIONAL COOPERATION AGENCY

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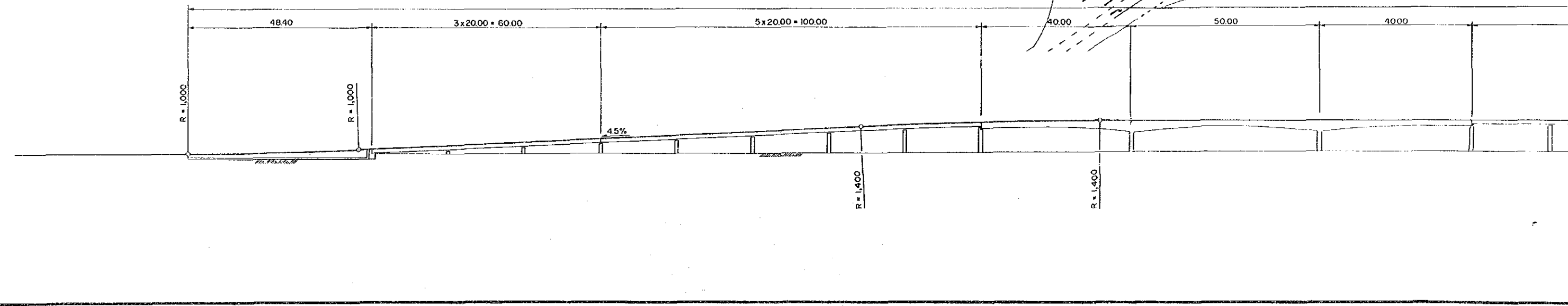
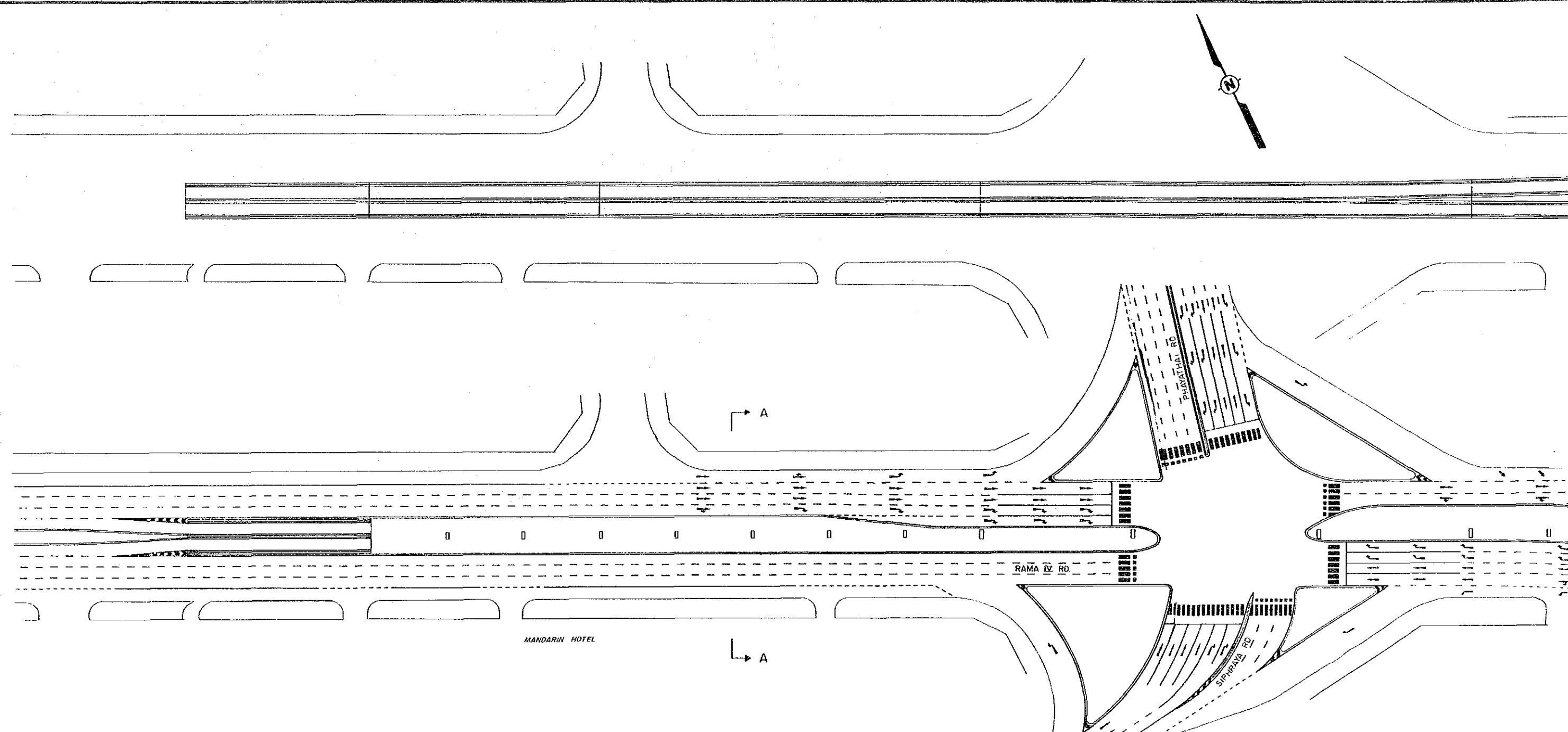
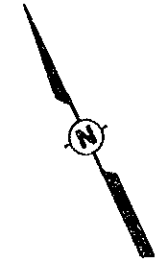
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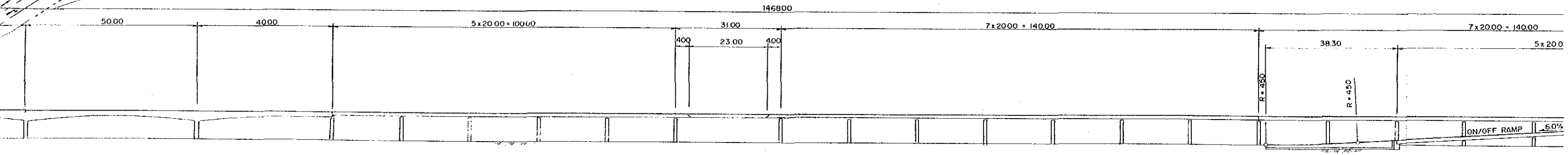
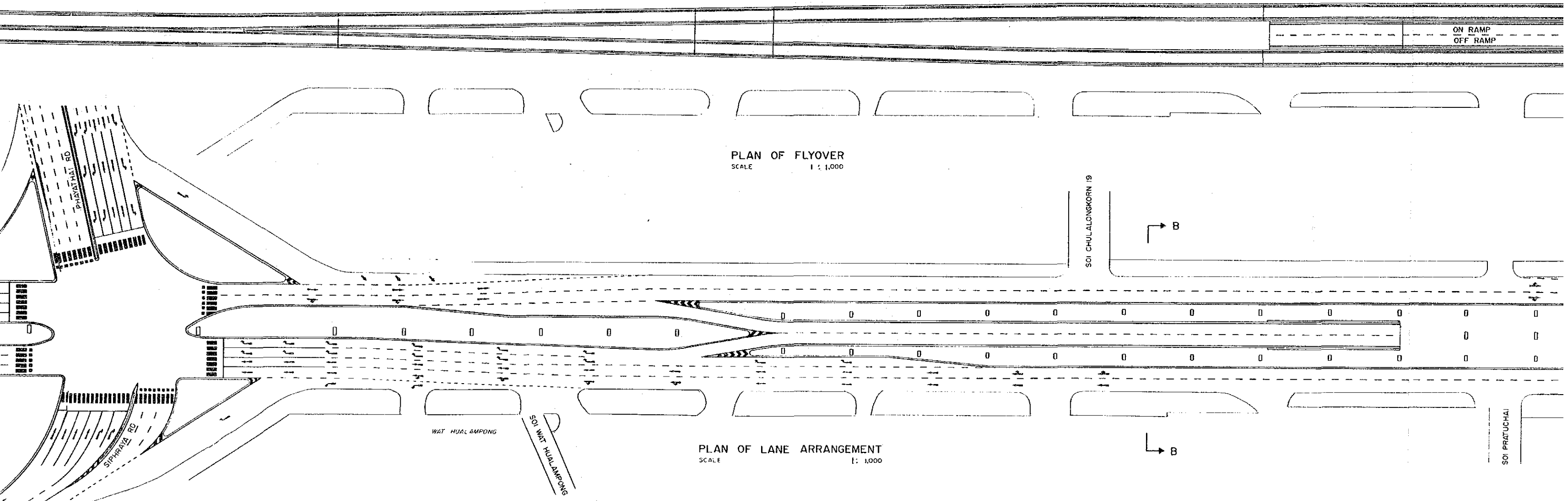
- I-1 RAMA IV ROAD – SIPHRAYA ROAD, SATHON ROAD (1)
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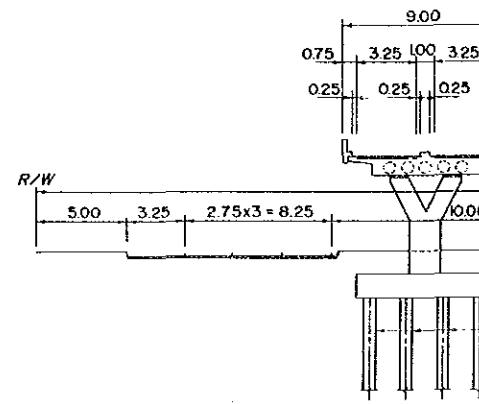
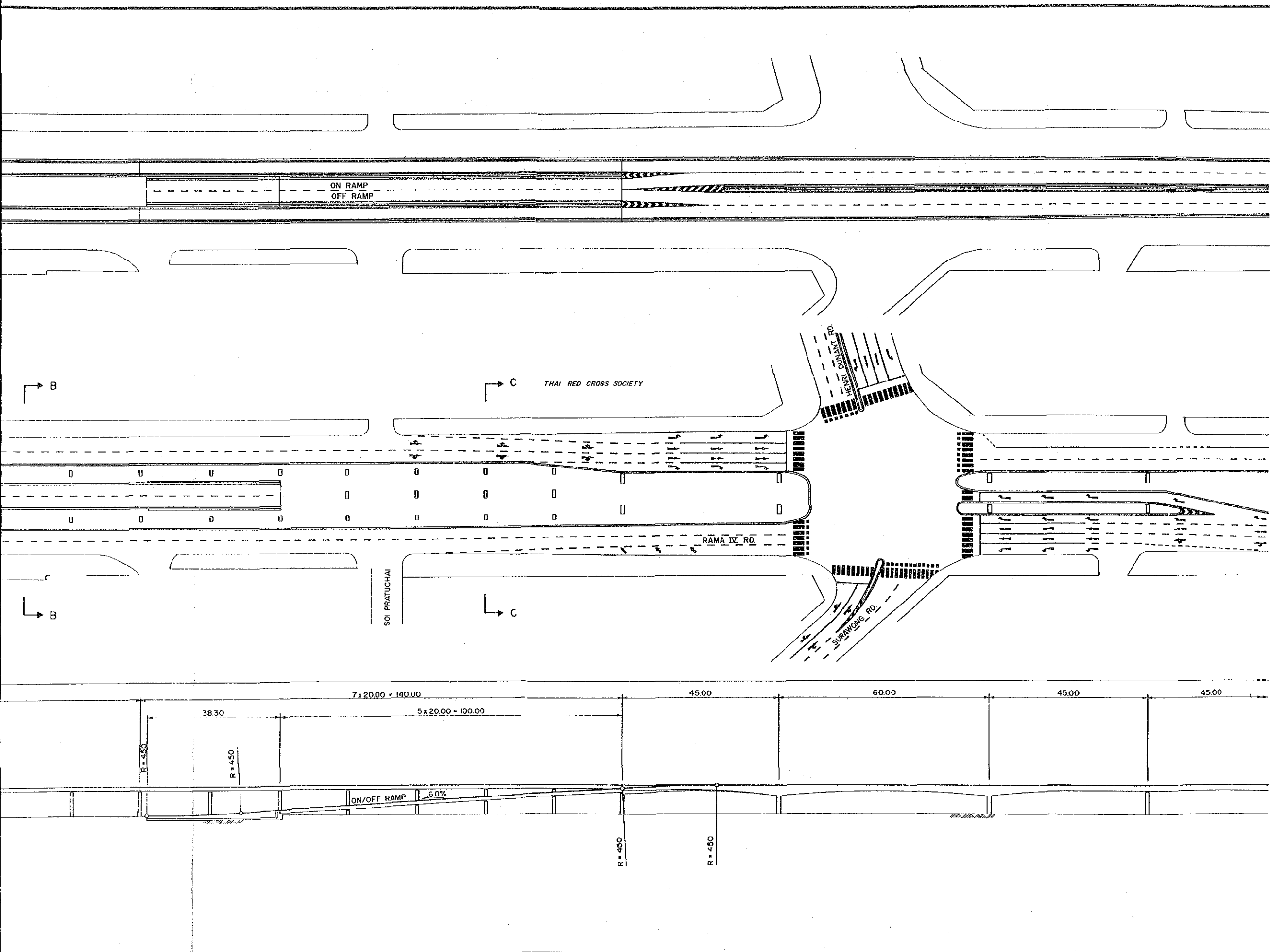
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- T-1 PRACHA CHUEN ROAD
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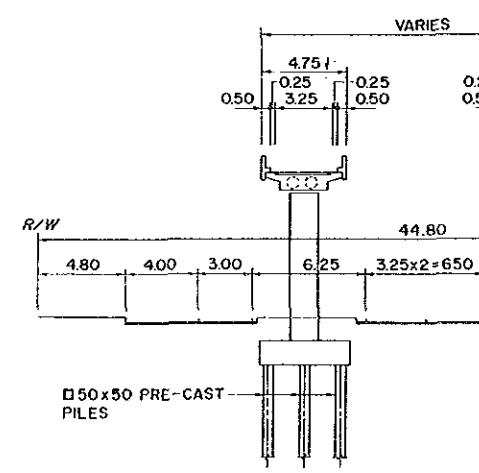
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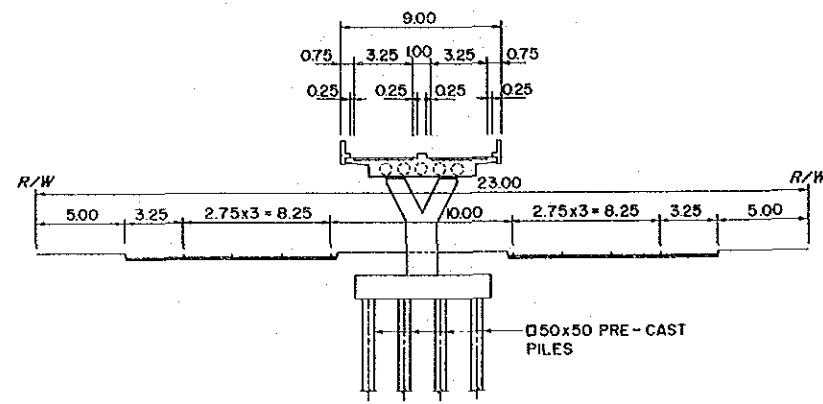
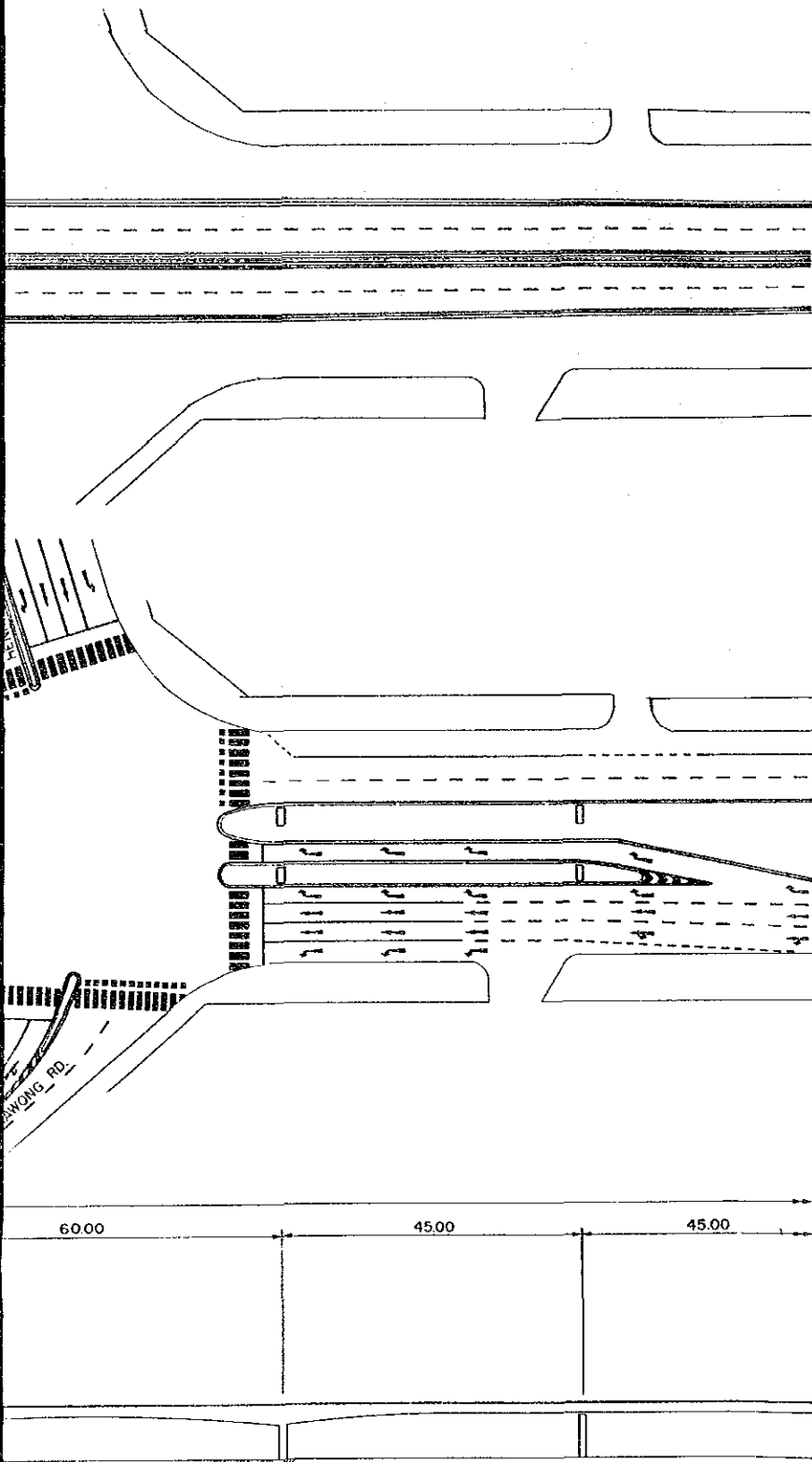




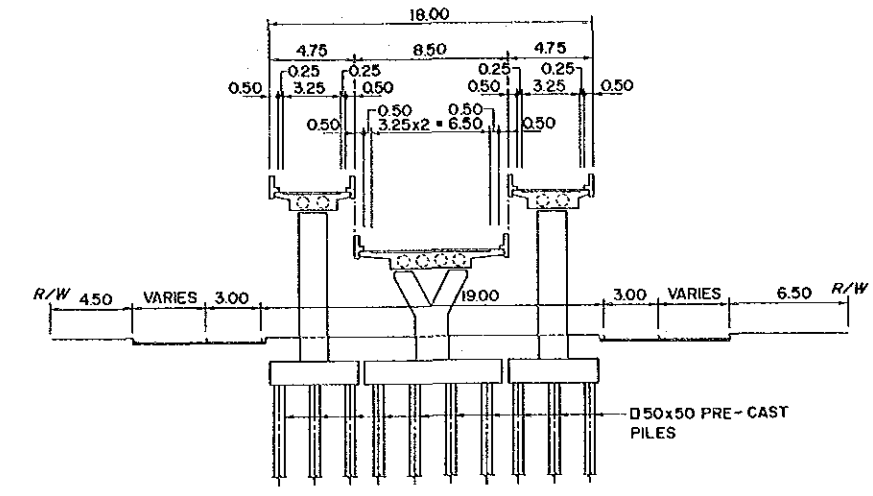
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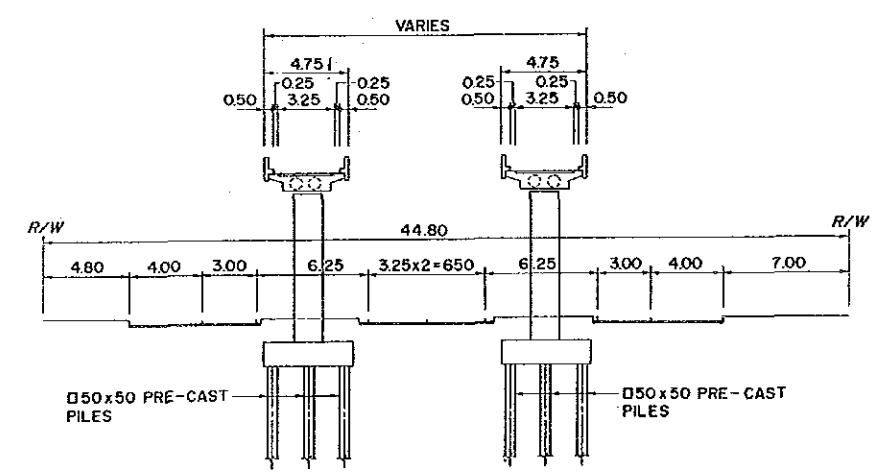
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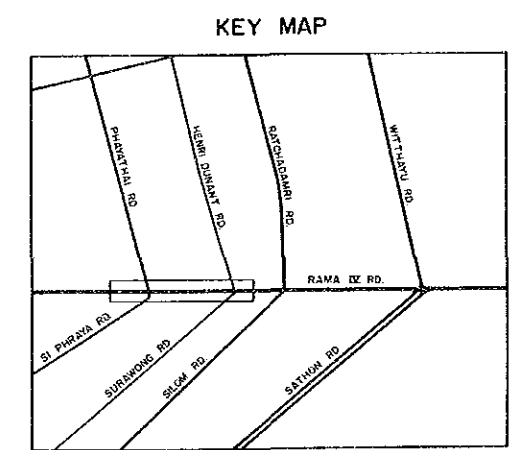
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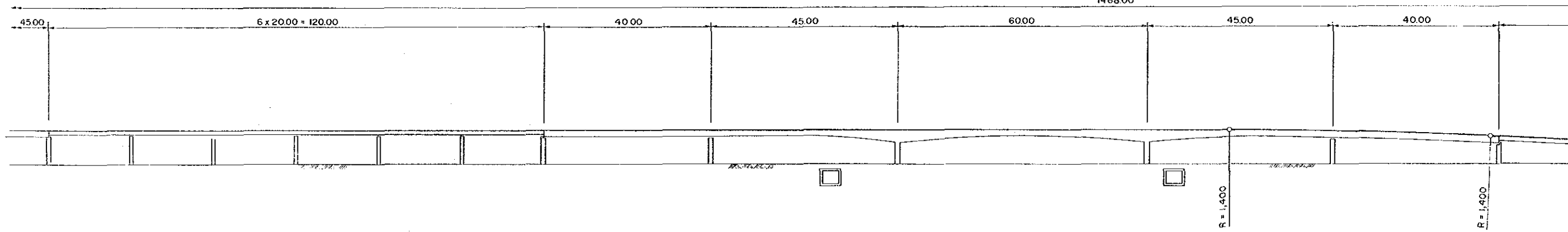
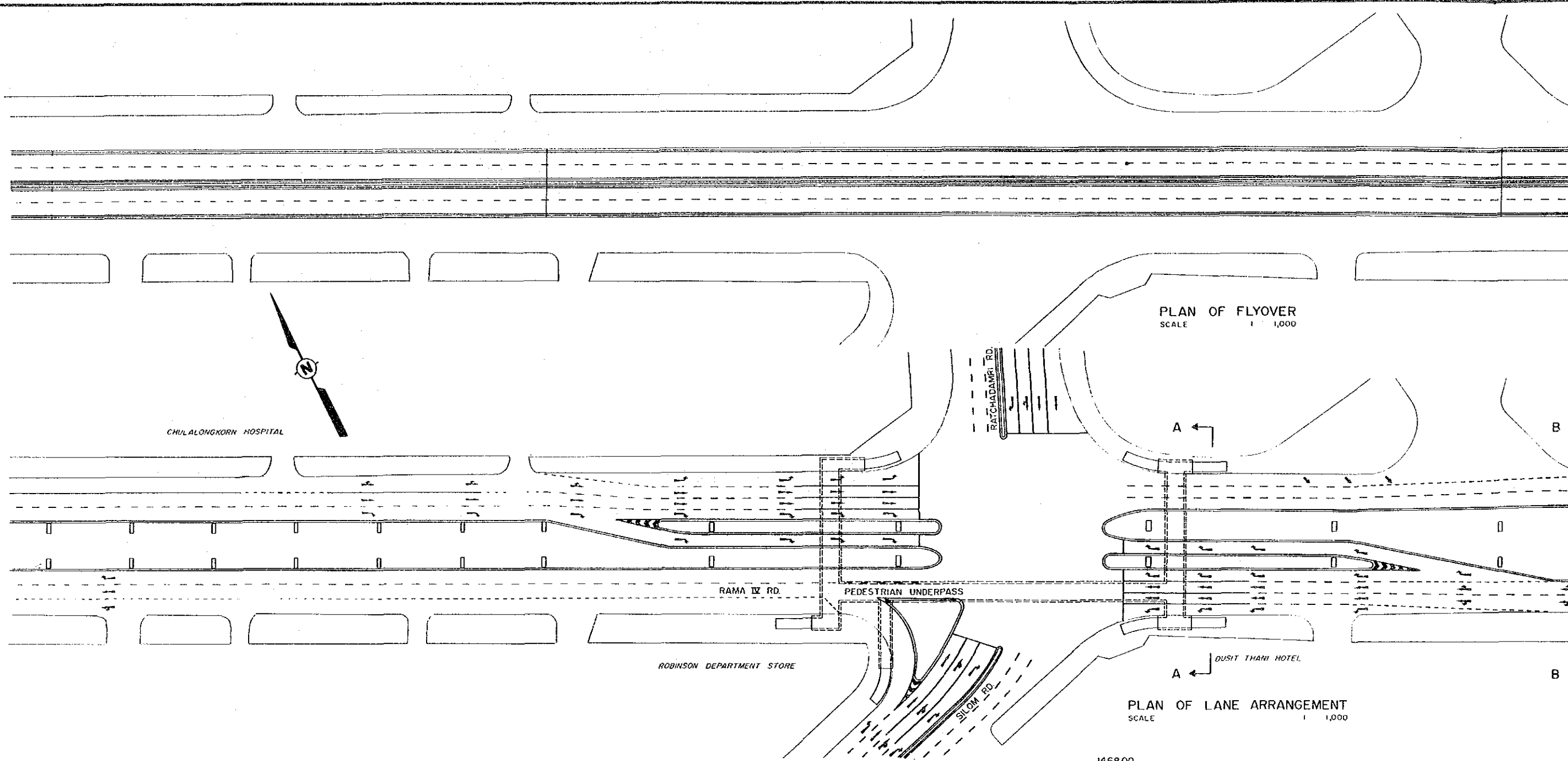
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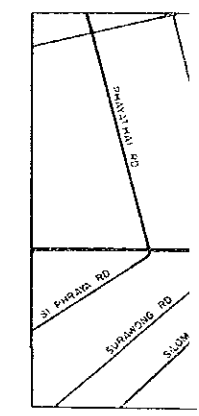
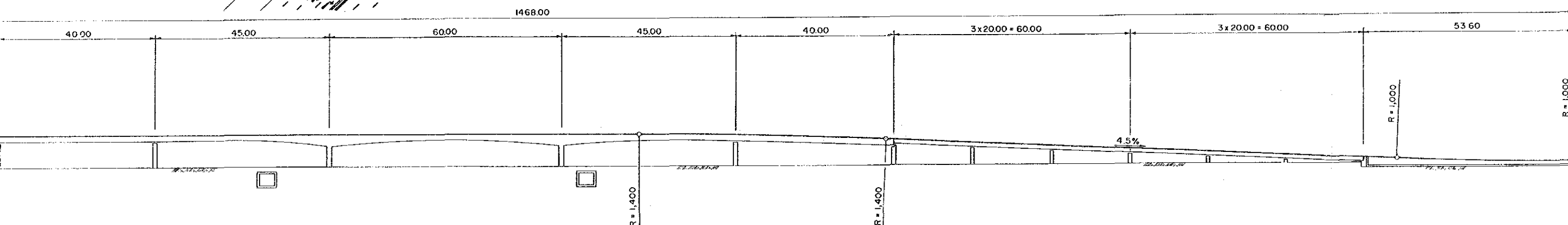
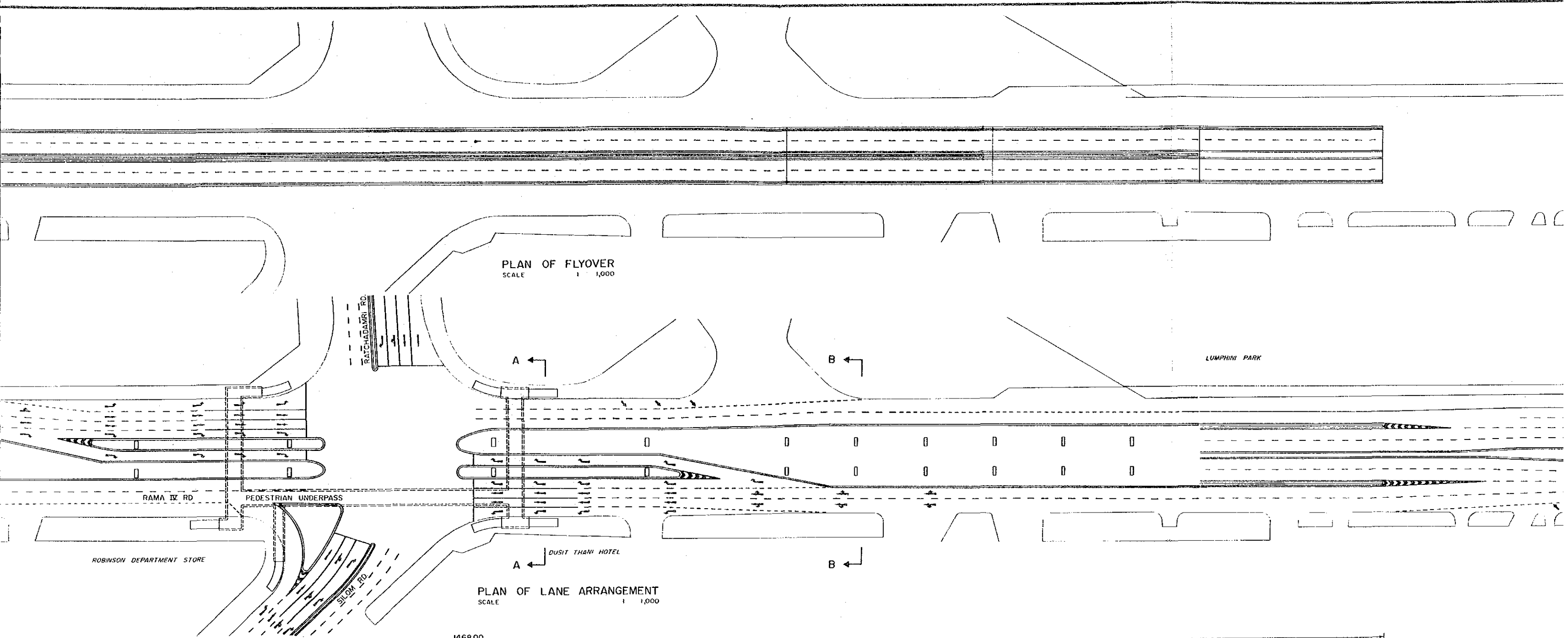
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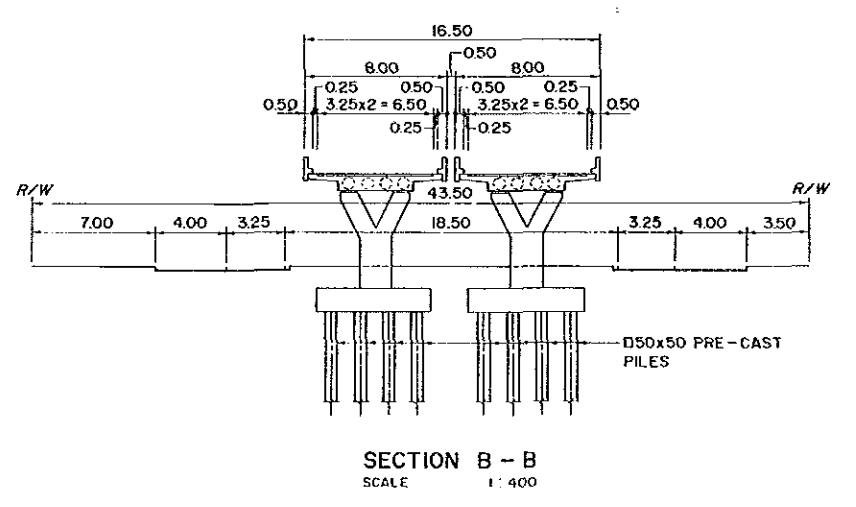
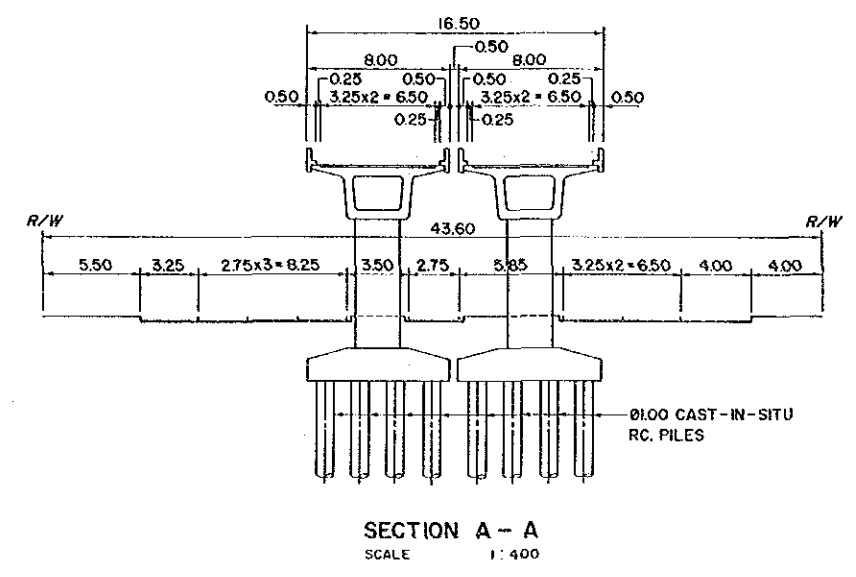
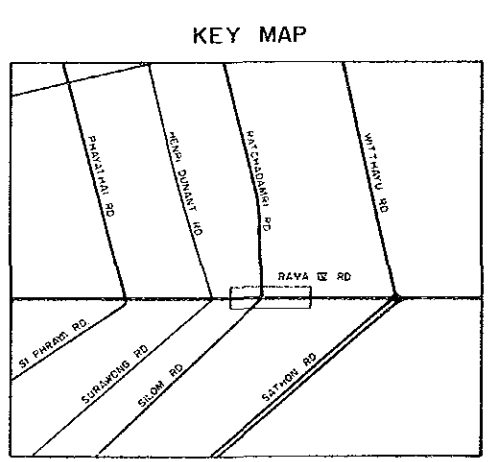
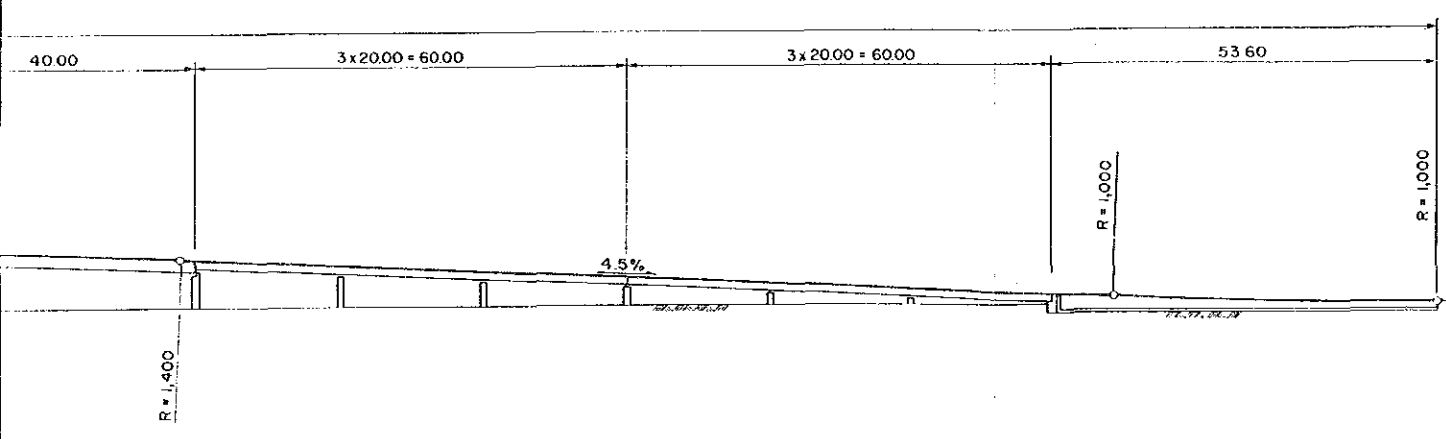
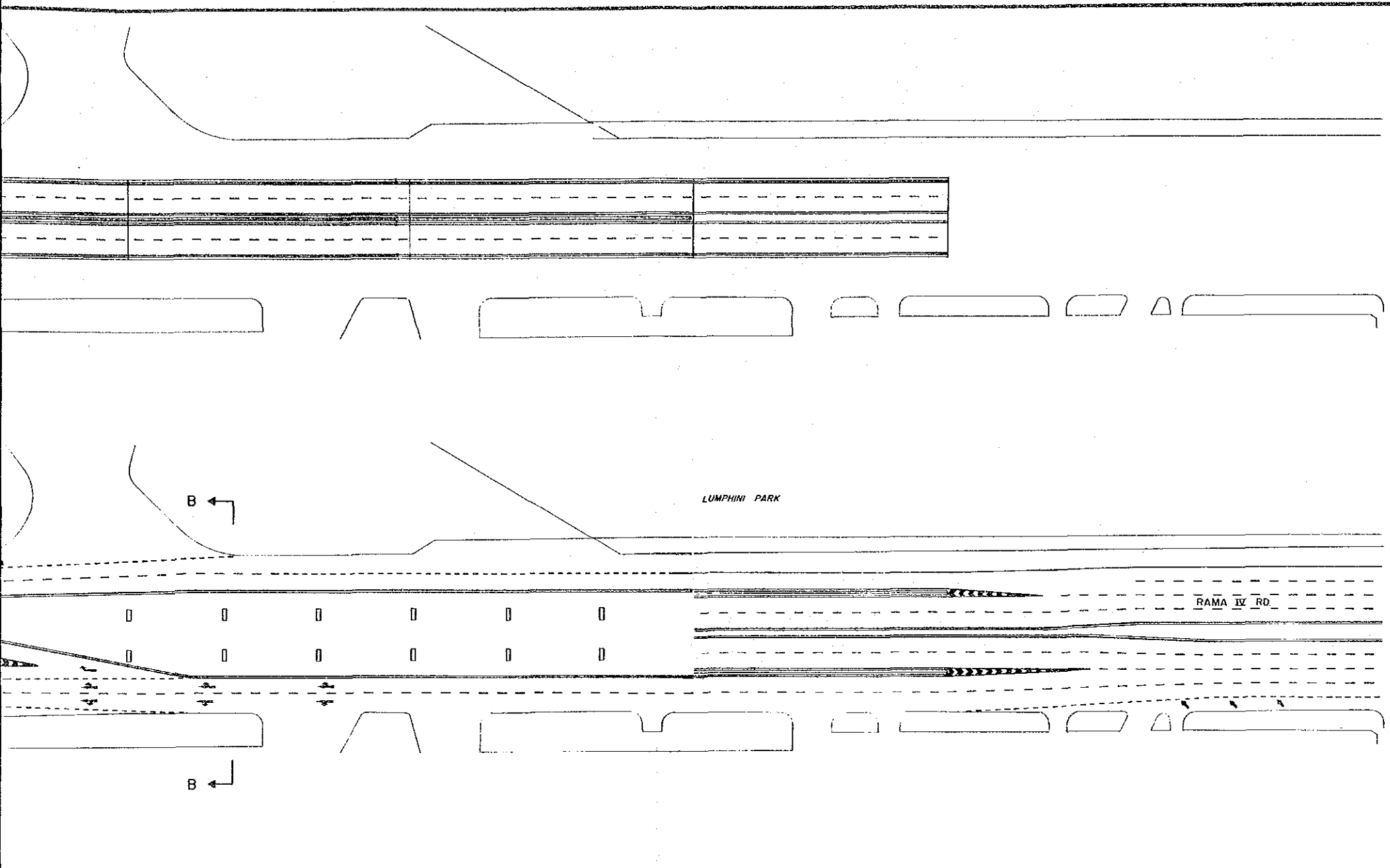


KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	ROAD IMPROVEMENT		
IMPROVE. PLAN	TWO-WAY FOUR-LANE PARTIALLY TWO-LANE FLYOVER		
LOCATION	NAME OF ROAD RAMA IX-SI PHRAYA, SATHON(I) NODE NUMBER 020, 021, 022, 023		
SCALE	1:400, 1:1000	SHEET NO.	1-1

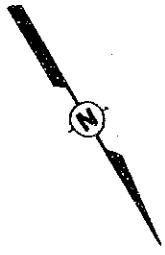
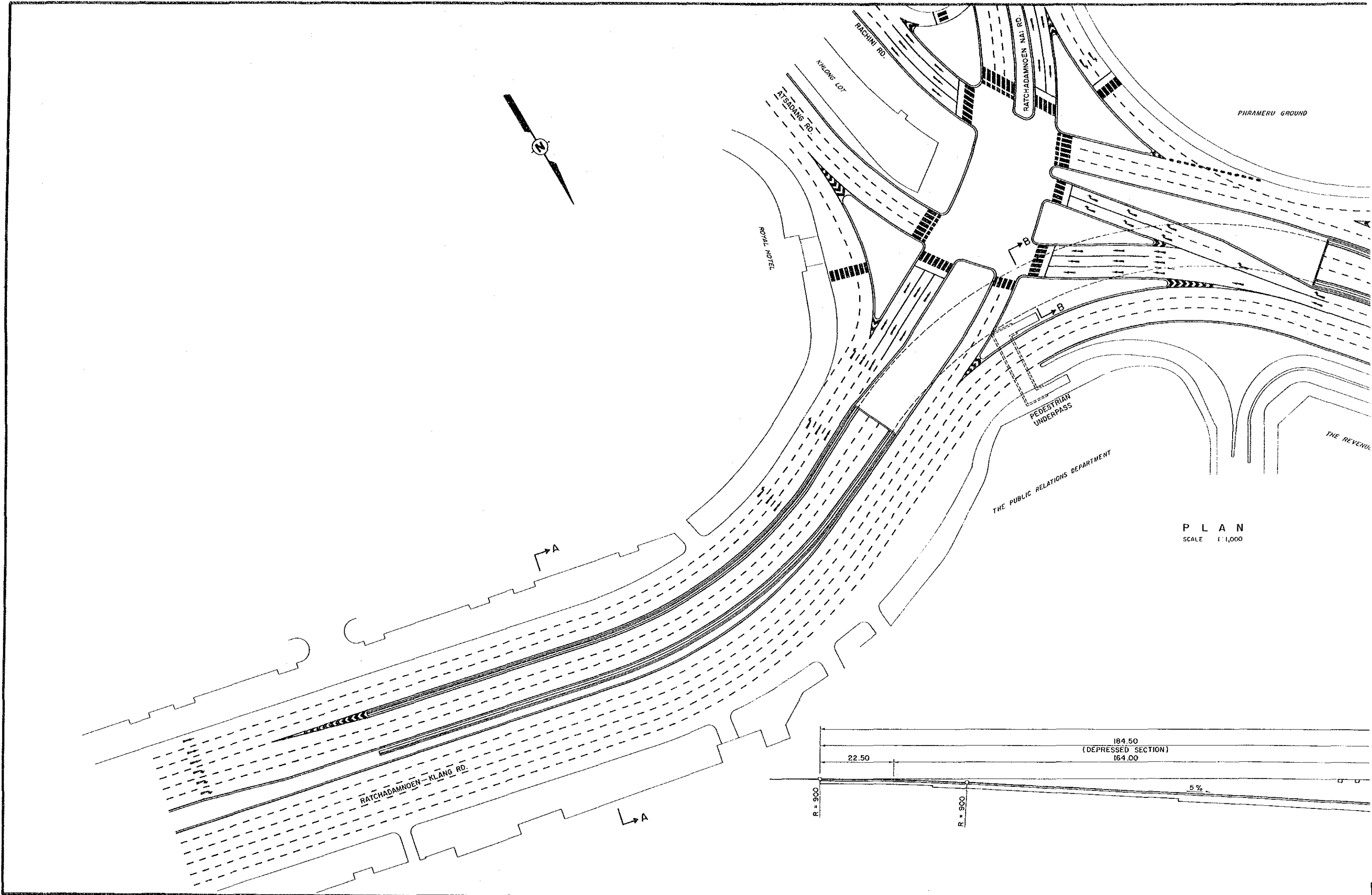


ELEVATION OF FLYOVER
SCALE 1 : 1,000





KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	ROAD IMPROVEMENT		
IMPROVE. PLAN	TWO-WAY FOUR-LANE PARTIALLY TWO-LANE FLYOVER		
LOCATION	NAME OF ROAD RAMA IV-SI PHRAYA, SATHON(2) NODE NUMBER 020, 021, 022, 023		
SCALE	1 : 400, 1 : 1000	SHEET NO.	I - 2



PHRAMERU GROUND

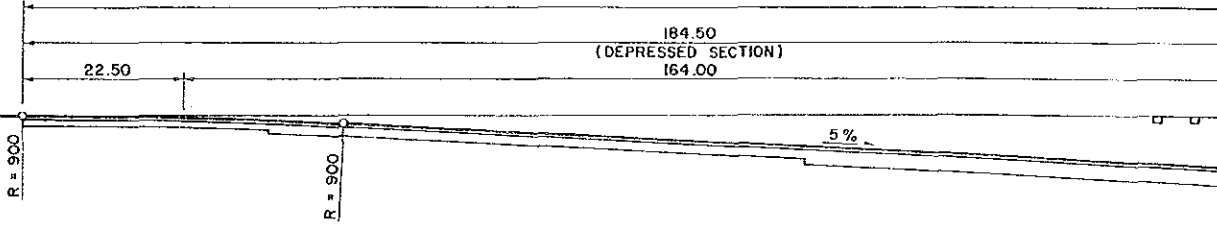
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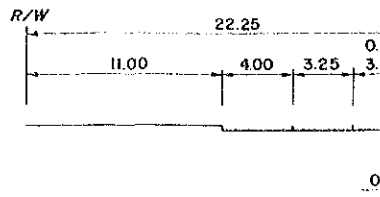
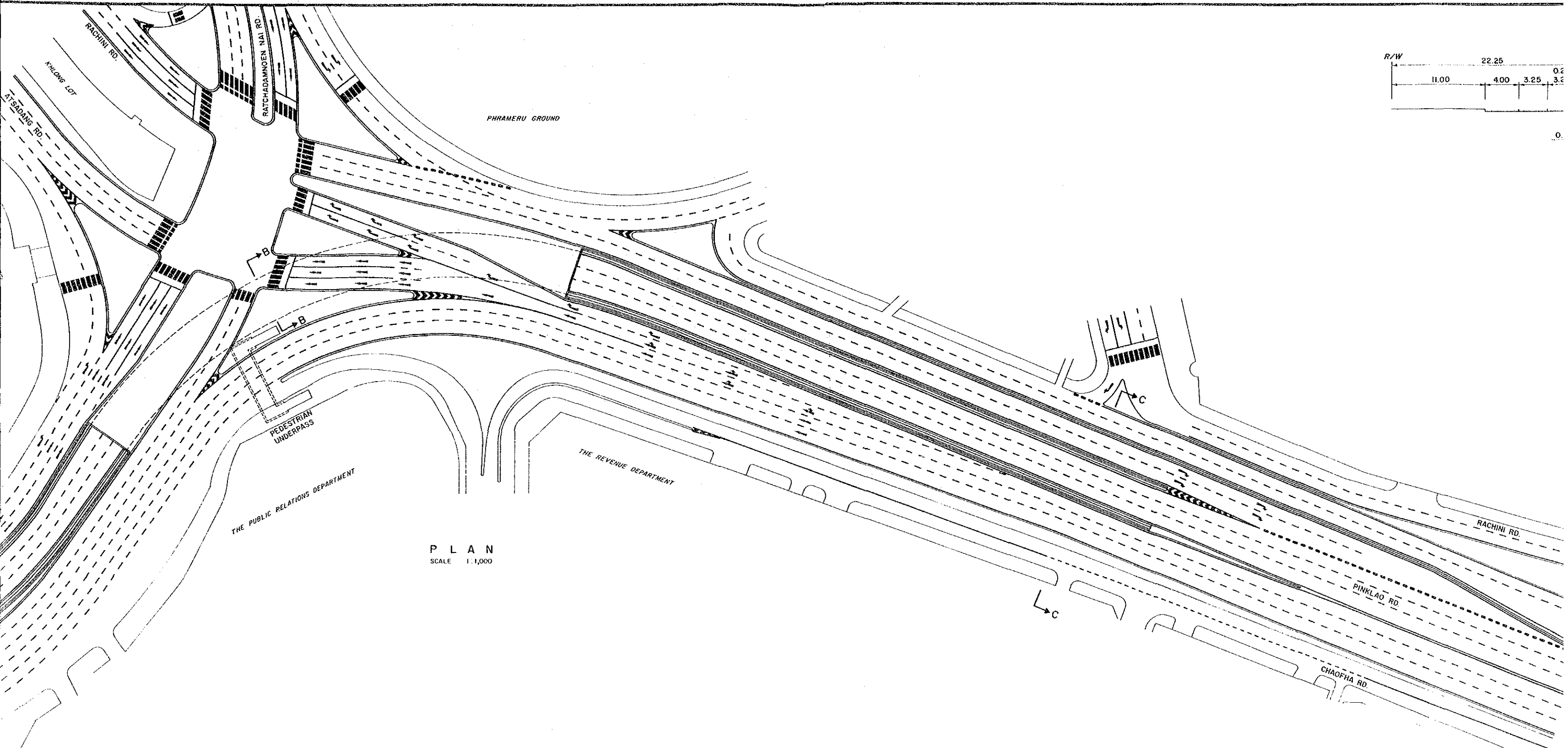
THE PUBLIC RELATIONS DEPARTMENT

THE REVENUE

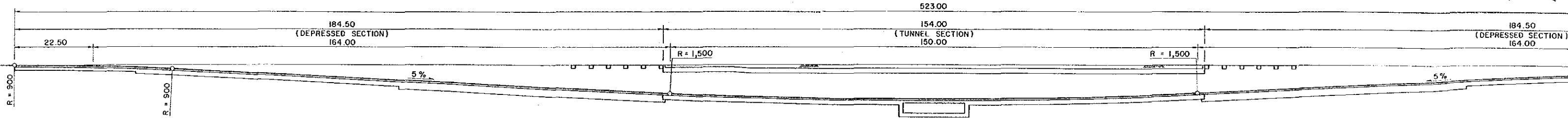
PLAN
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RATCHADAMNOEN-KLANG RD.

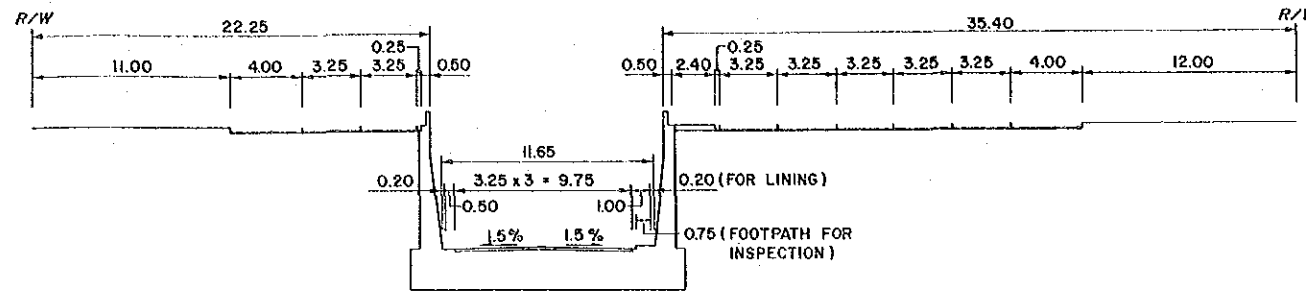




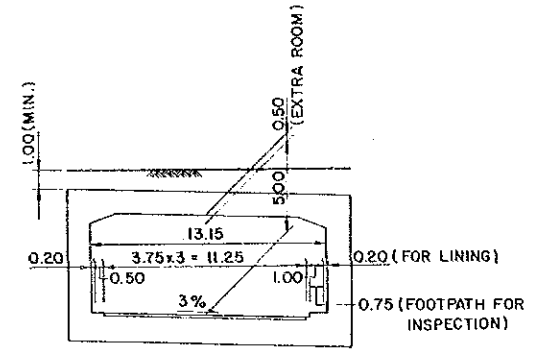
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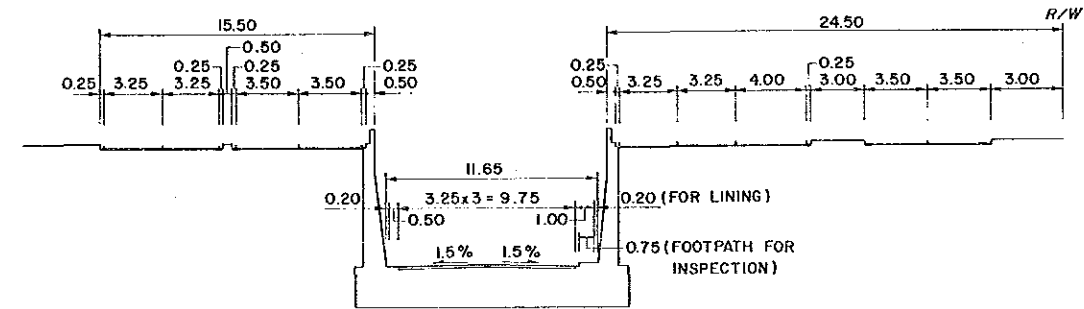
ELEVATION OF UNDERPASS
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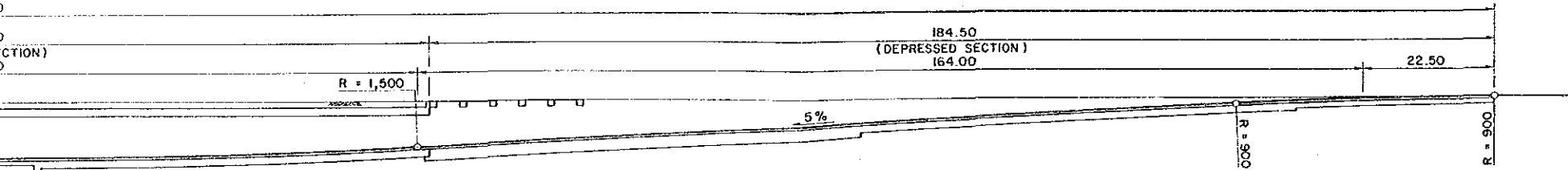
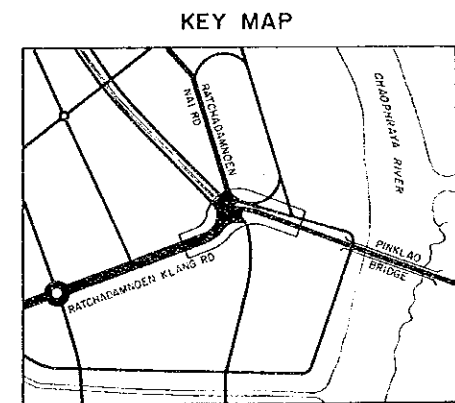
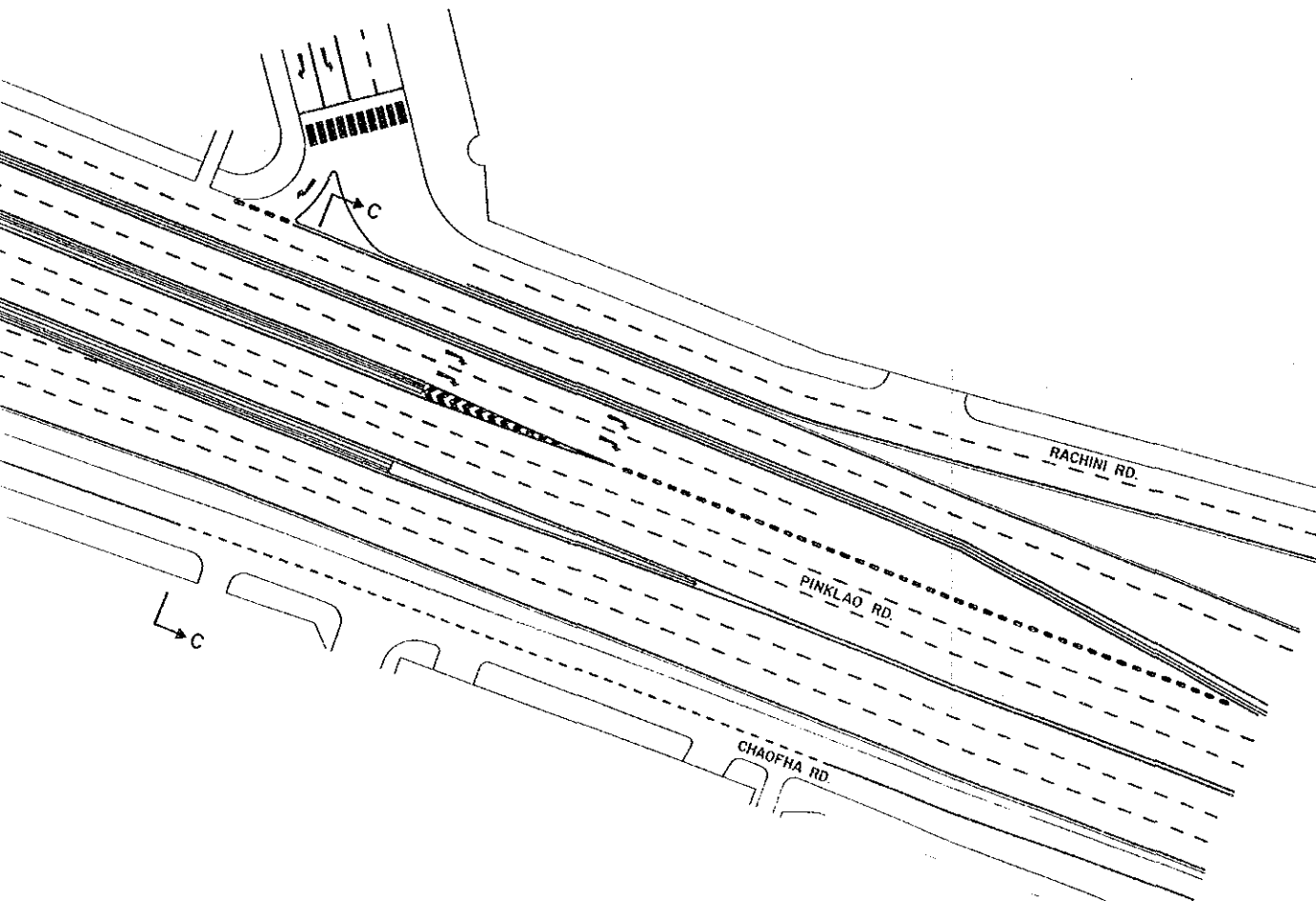
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SCALE 1:400



SECTION B-B
SCALE 1:400



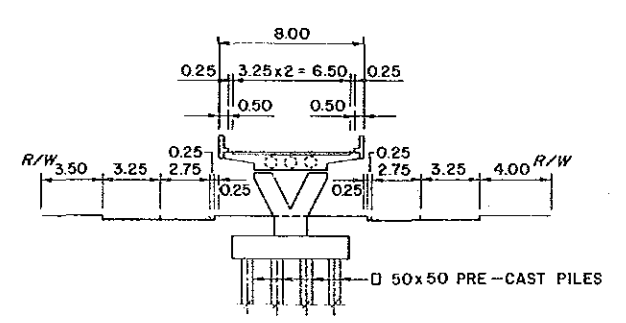
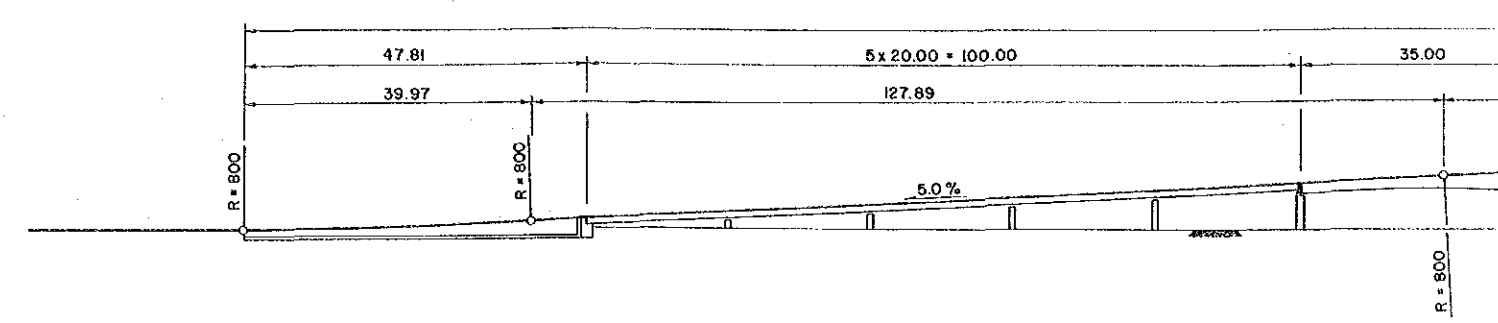
SECTION C-C
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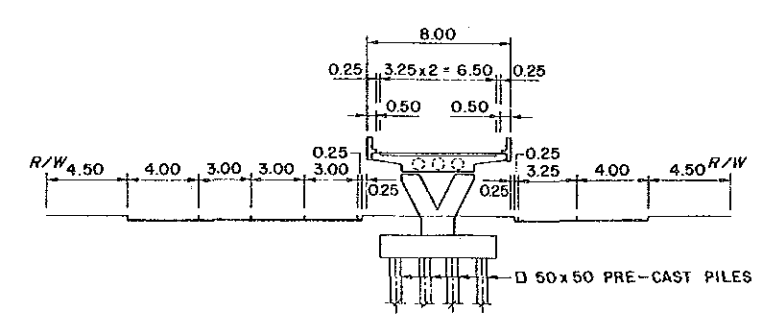
UNDERPASS
SCALE 1:1,000



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PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	ROAD IMPROVEMENT		
IMPROVE. PLAN	ONE-WAY, THREE-LANE UNDERPASS		
LOCATION	NAME OF ROAD	RATCHADAMNOEN KLANG- RATCHADAMNOEN NAI	
	ROAD NODE NUMBER	202	
SCALE	1:400, 1:1000	SHEET NO.	1 - 3

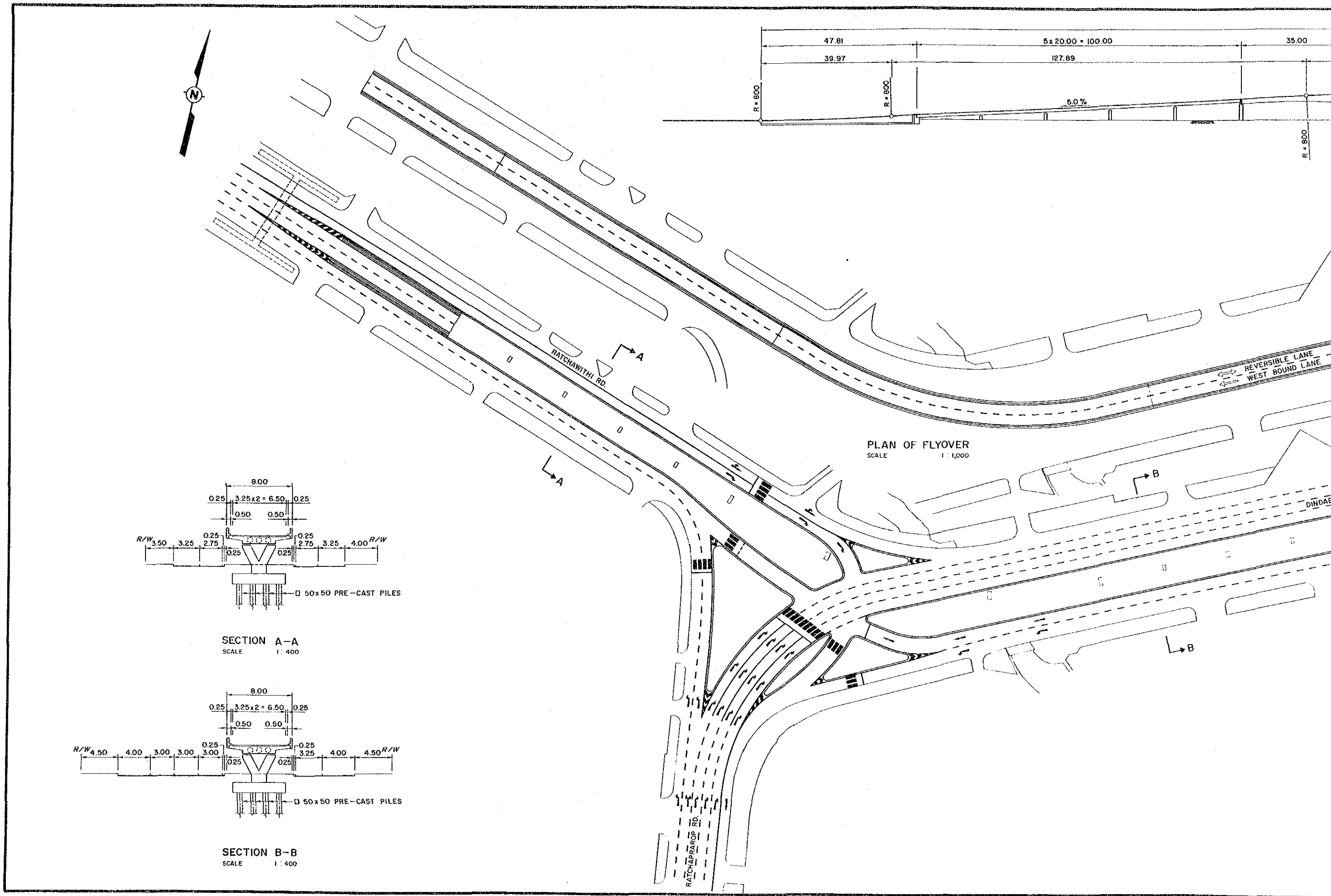


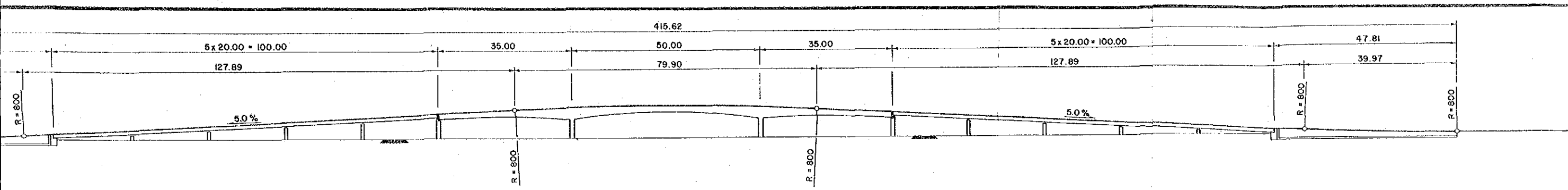
SECTION A-A
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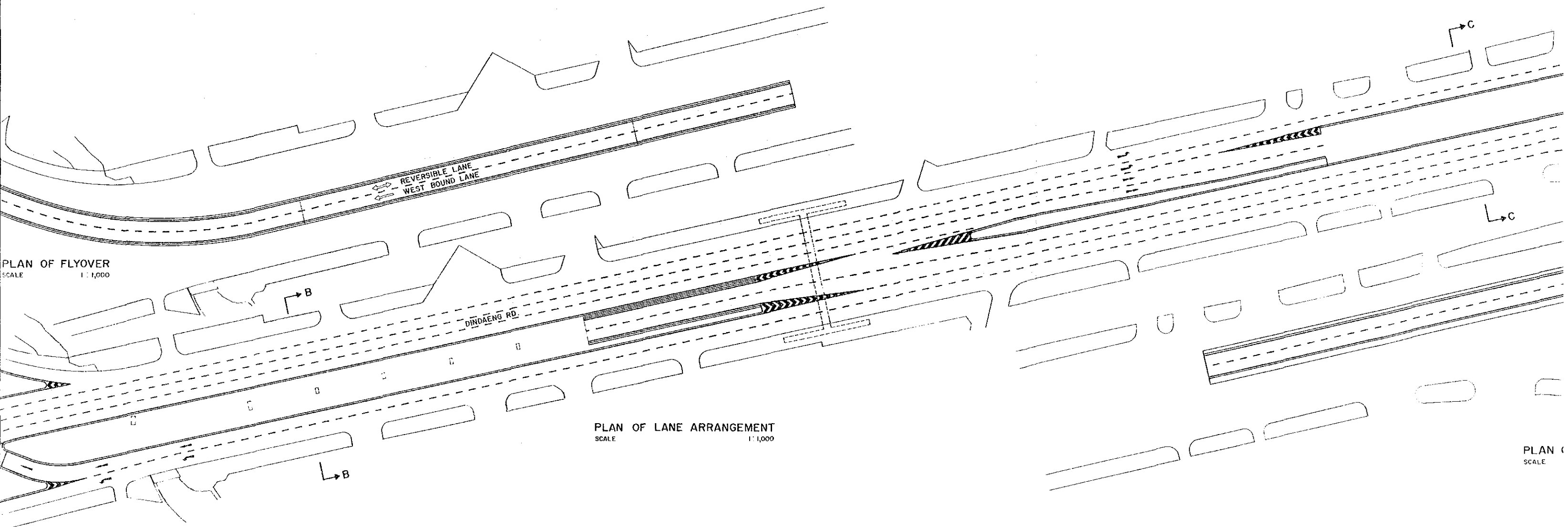
SECTION B-B
SCALE 1:400

PLAN OF FLYOVER
SCALE 1:1,000





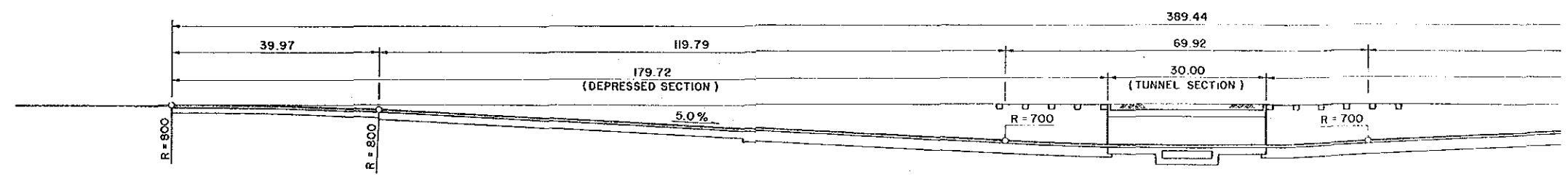
ELEVATION OF FLYOVER
SCALE 1:1,000



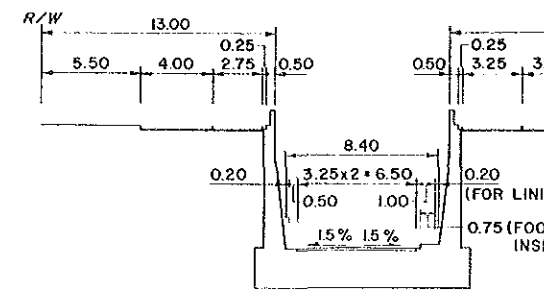
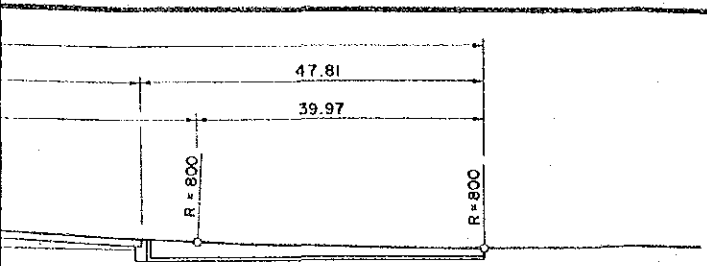
PLAN OF FLYOVER
SCALE 1:1,000

PLAN OF LANE ARRANGEMENT
SCALE 1:1,000

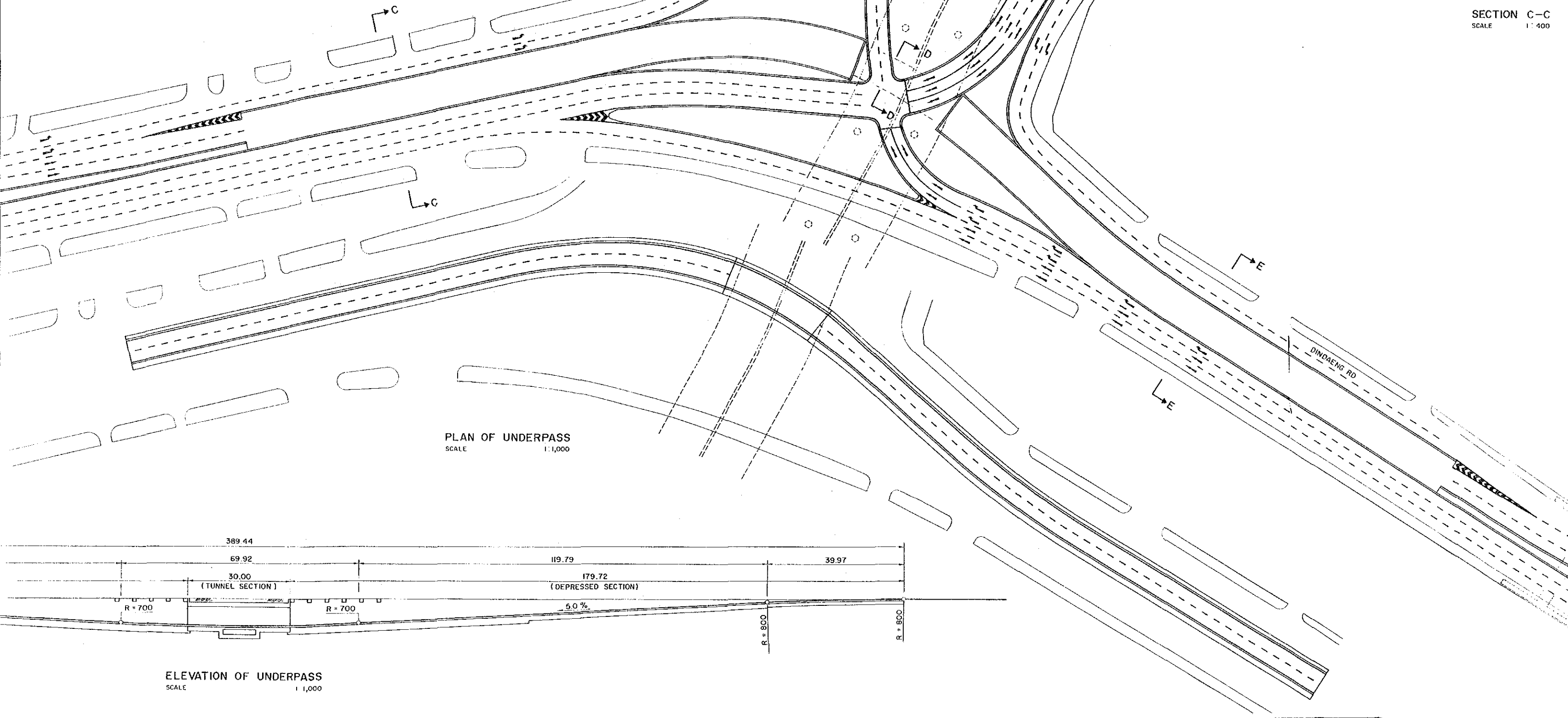
PLAN (C)
SCALE



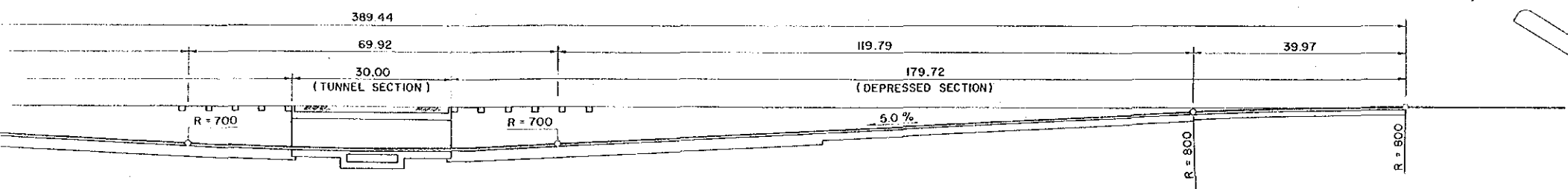
ELEVATION OF UNDERPASS
SCALE 1:1,000



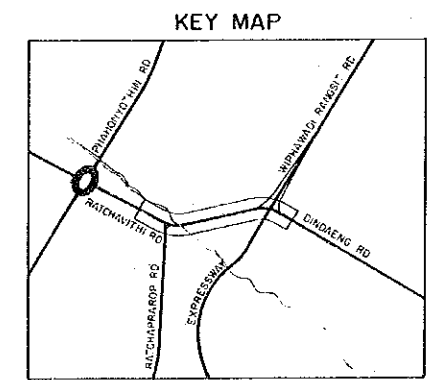
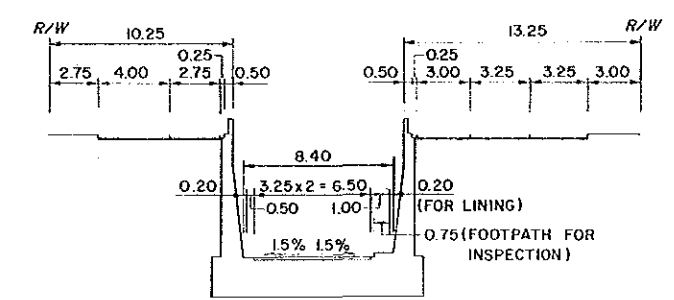
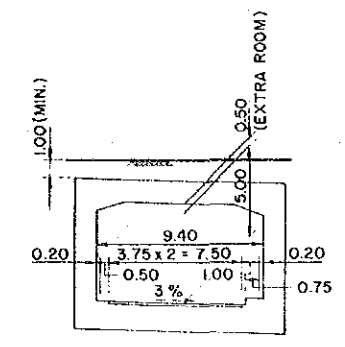
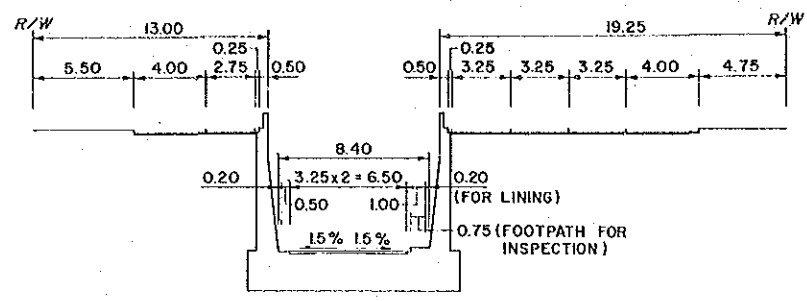
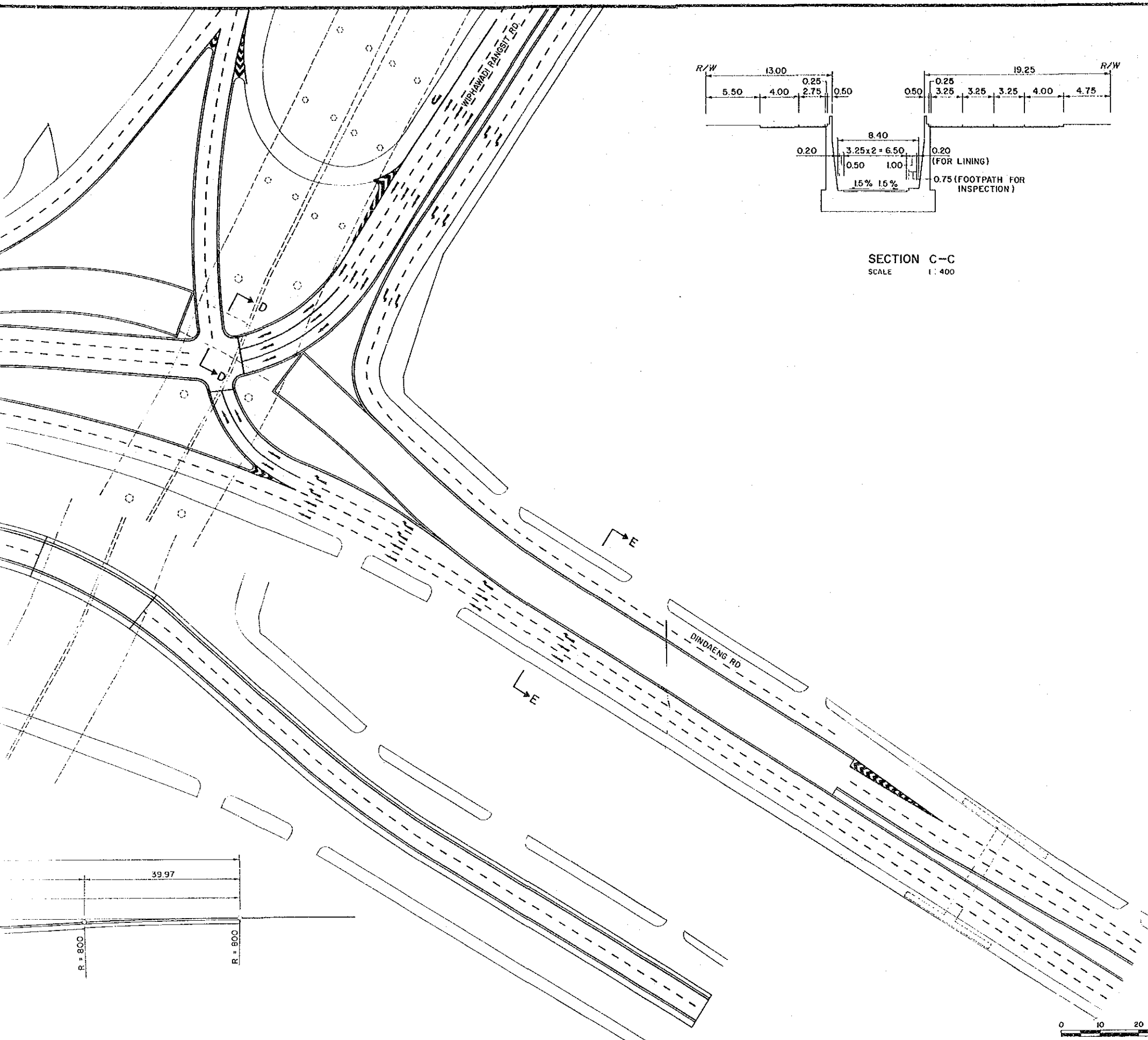
SECTION C-C
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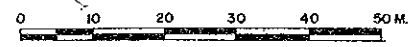
PLAN OF UNDERPASS
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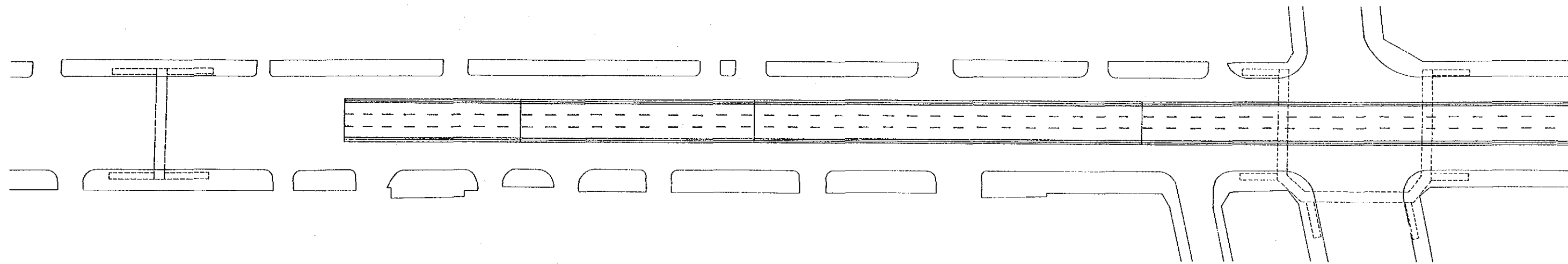


ELEVATION OF UNDERPASS
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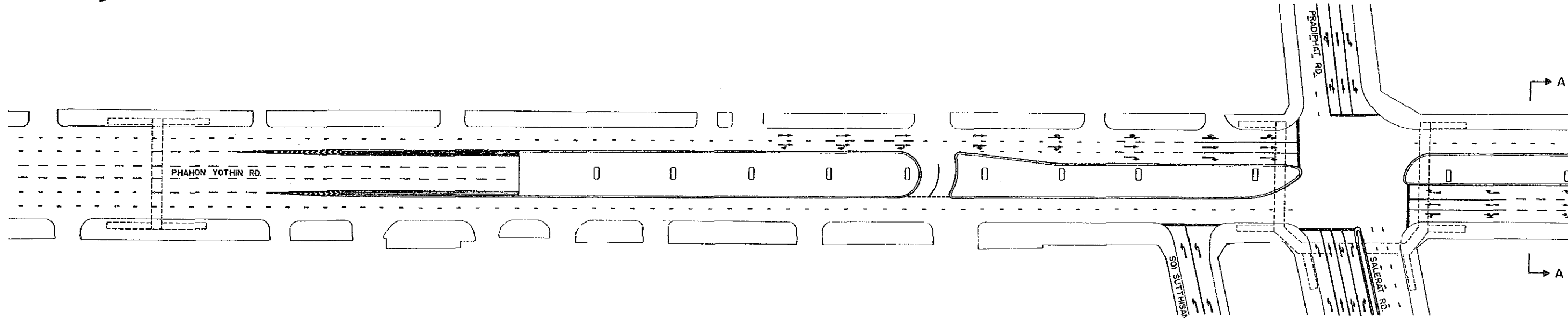


KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	ROAD IMPROVEMENT		
IMPROVE. PLAN	PARTIAL TIME ZONE TWO-WAY, TWO-LANE FLYOVER AND ONE-WAY, TWO-LANE UNDERPASS		
LOCATION	NAME OF ROAD DINDAENG - RATCHAPRAROP NODE NUMBER 613, 614		
SCALE	1:400, 1:1000	SHEET NO.	1 - 4

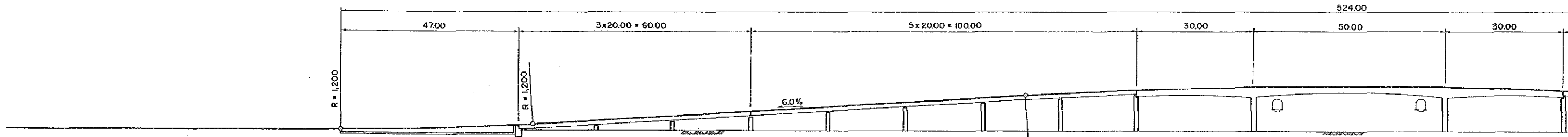




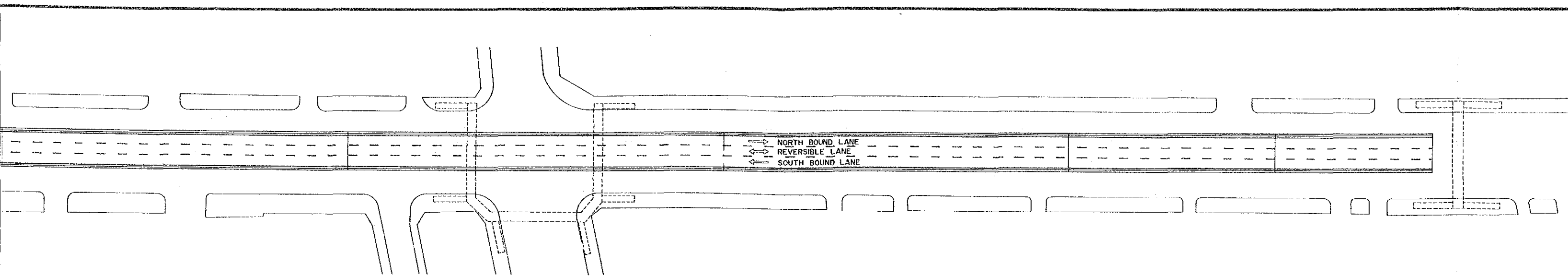
PLAN OF FLYOVER
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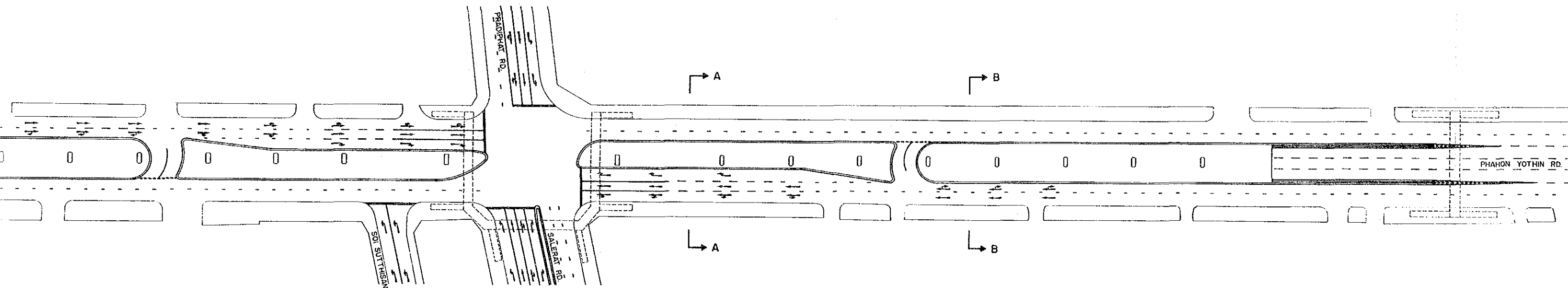
PLAN OF LANE ARRANGEMENT
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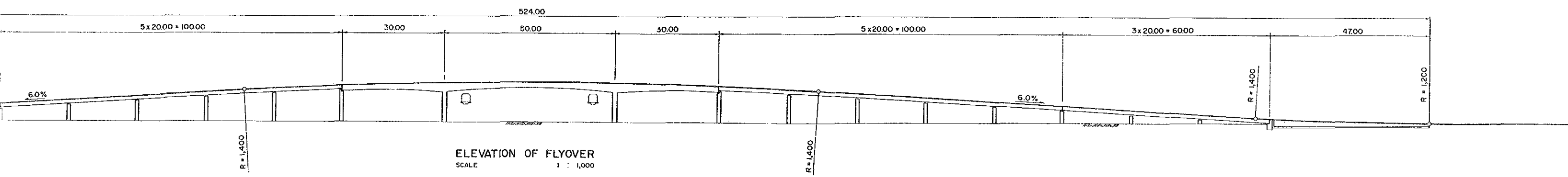
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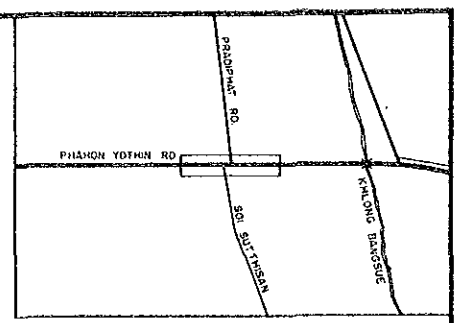
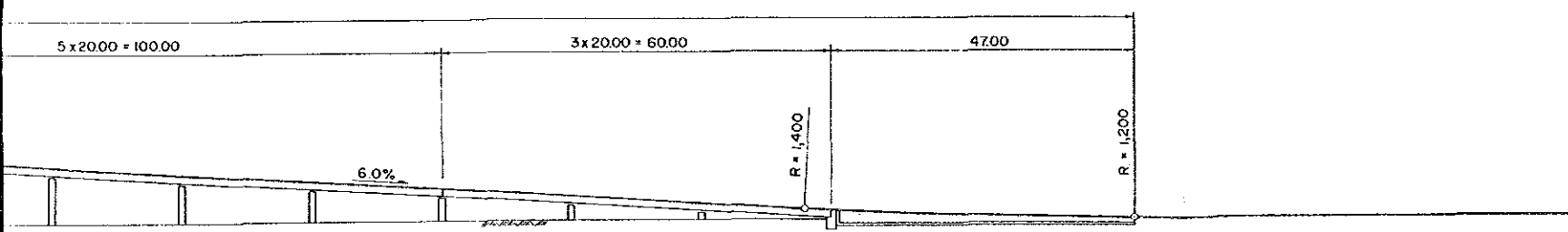
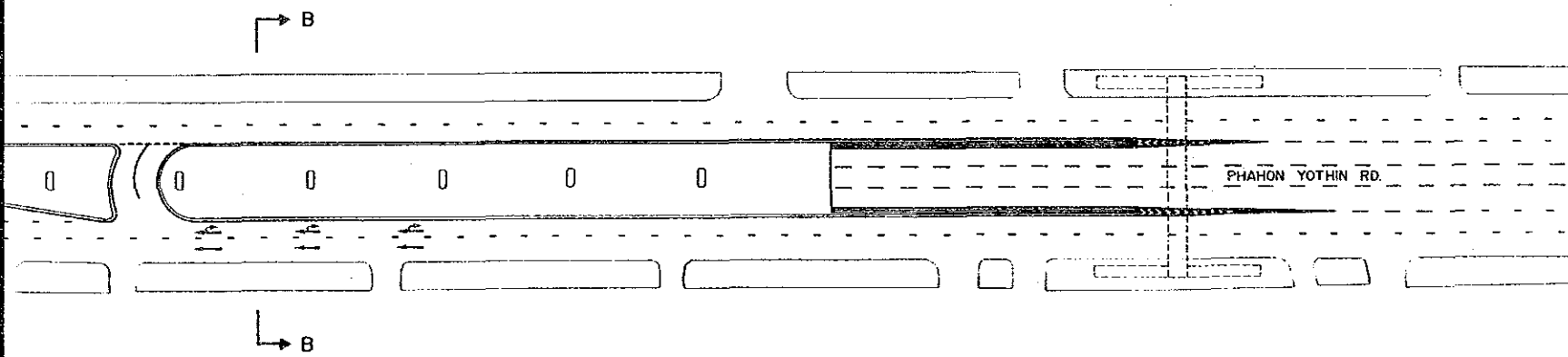
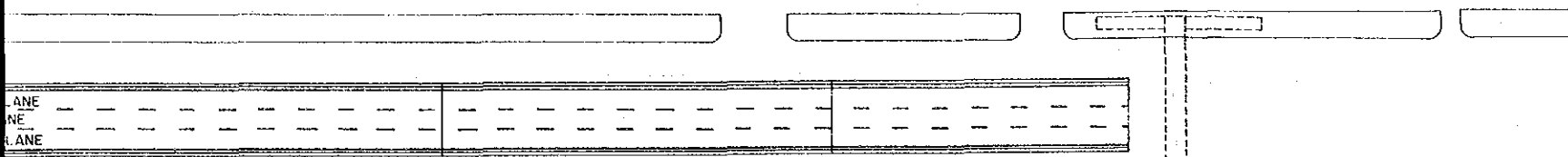
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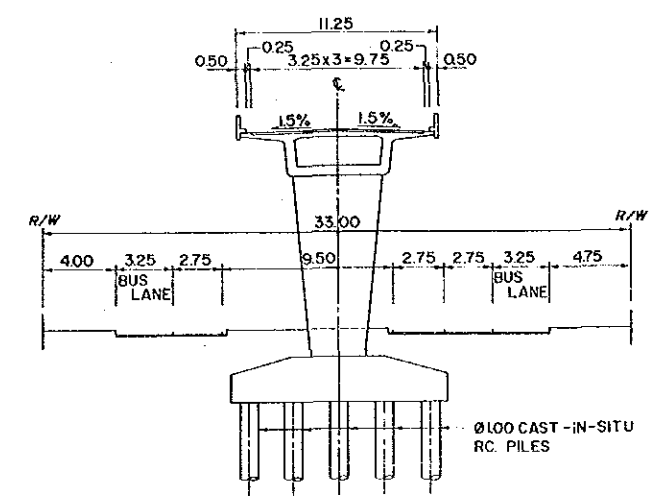
PLAN OF LANE ARRANGEMENT
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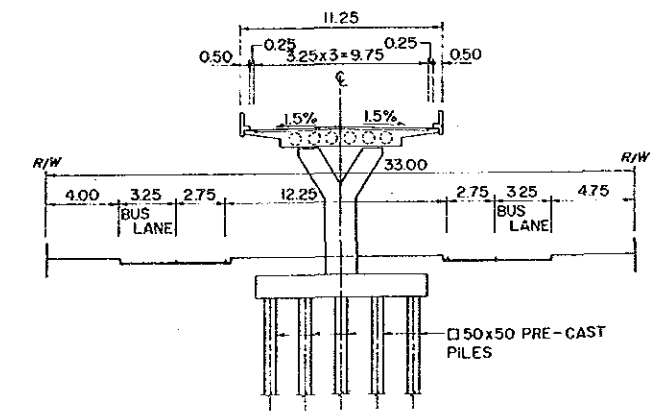
ELEVATION OF FLYOVER
SCALE 1 : 1,000



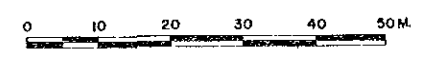
KEY MAP



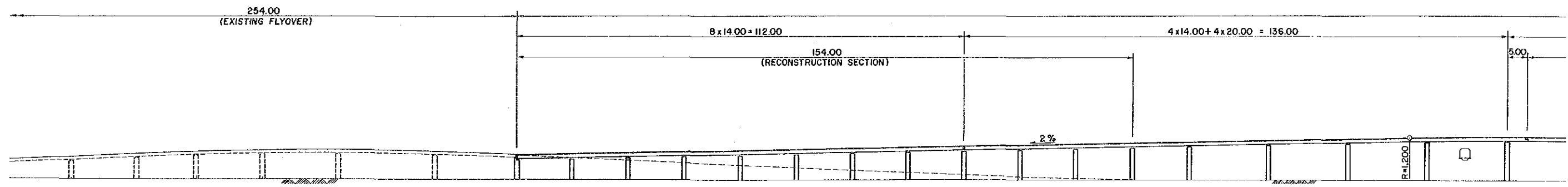
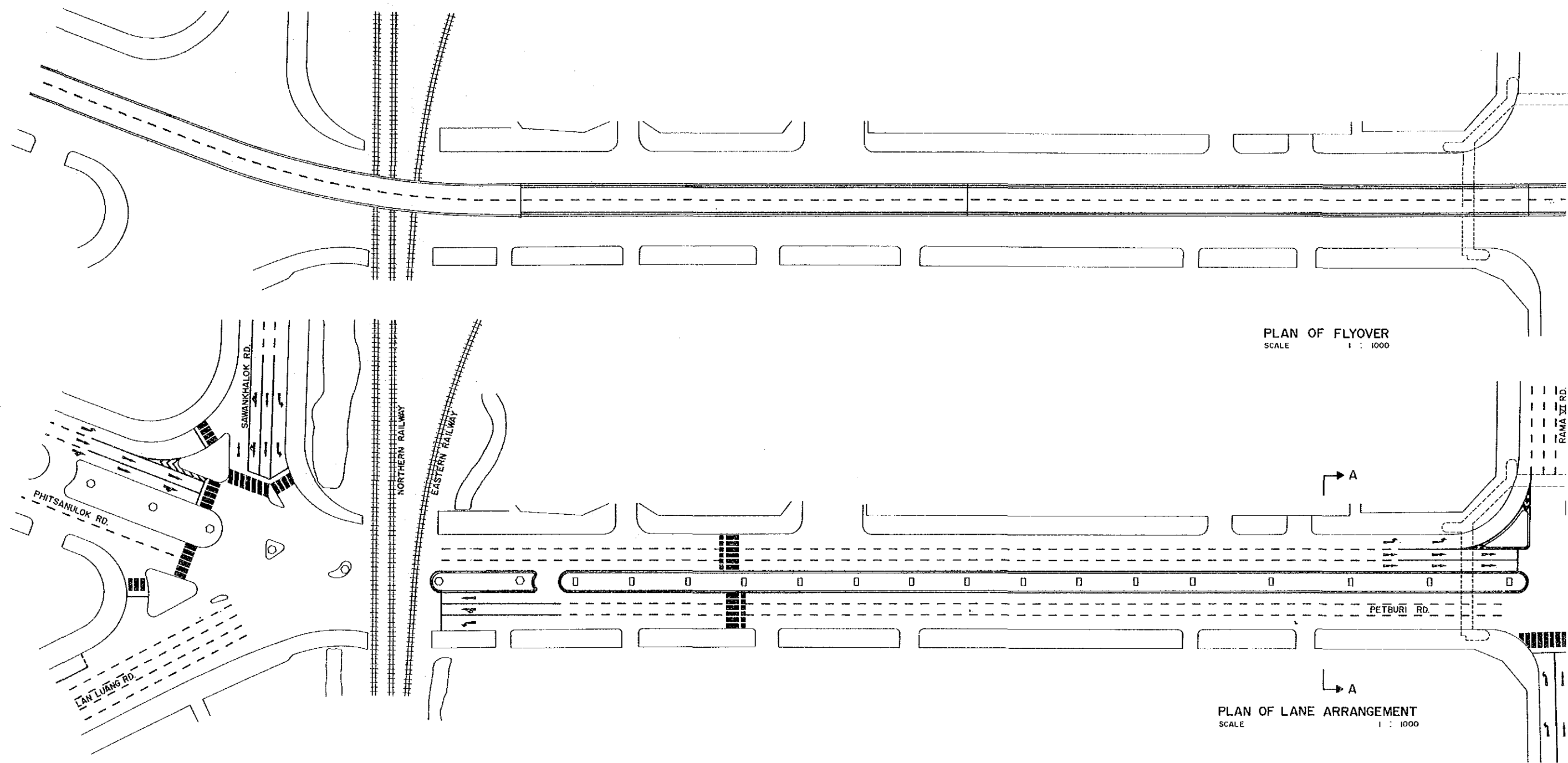
SECTION A - A
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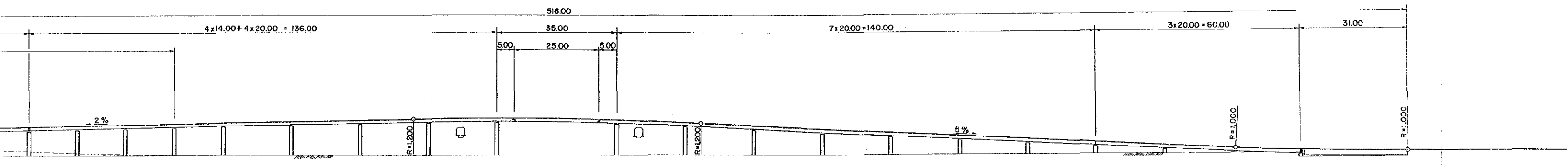
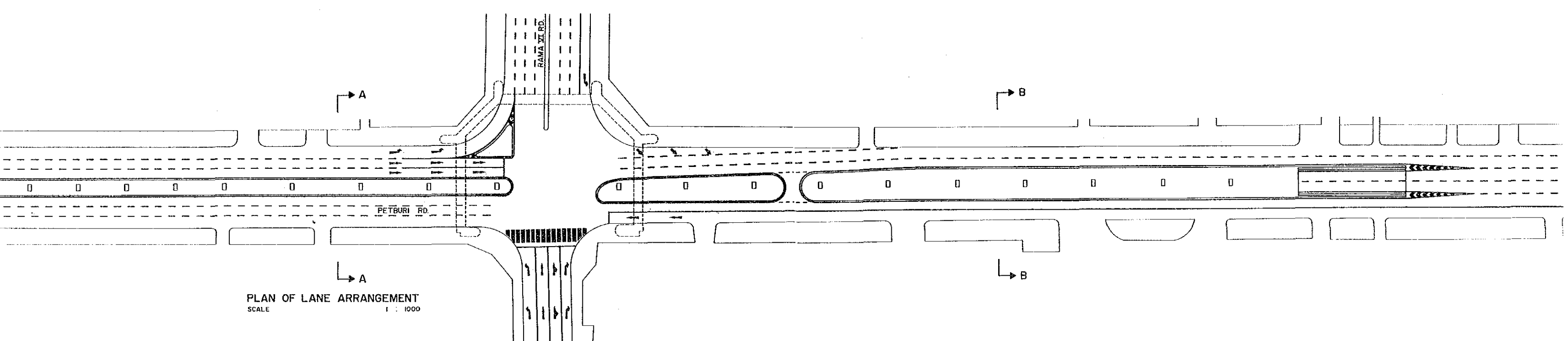
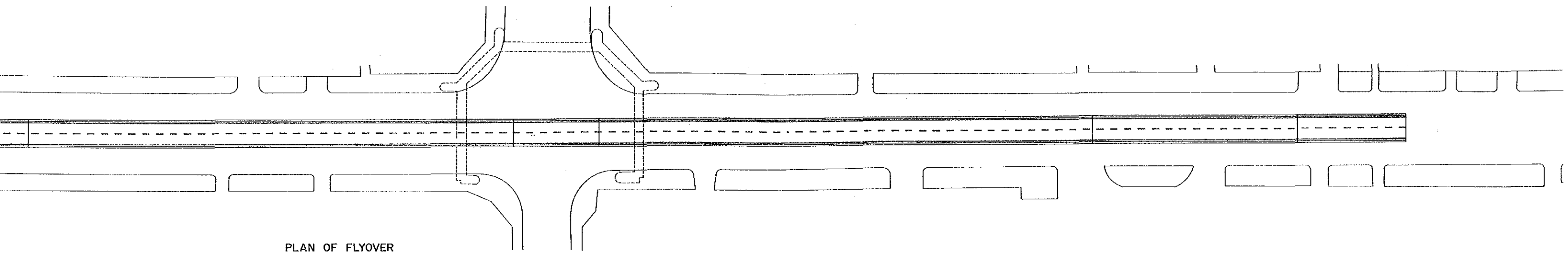
SECTION B - B
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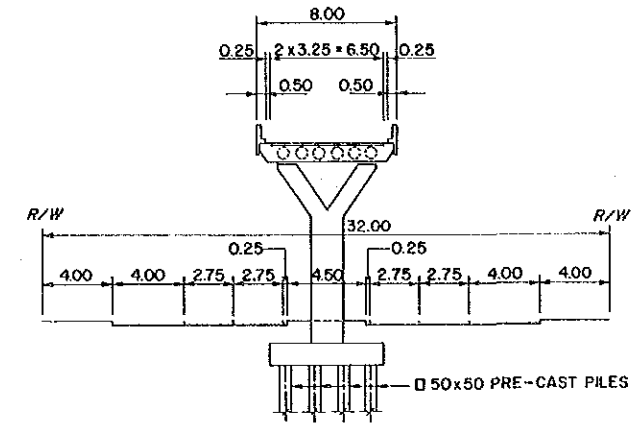
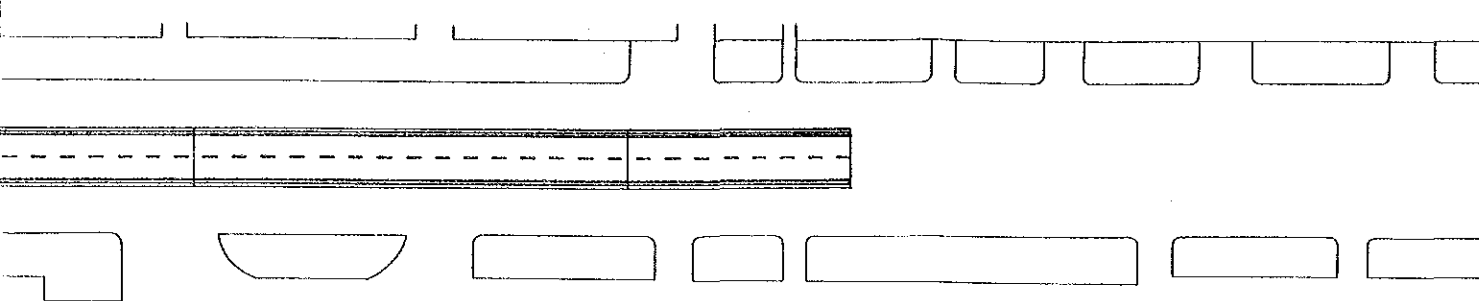


KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK			
PROJECT	ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	ROAD IMPROVEMENT		
IMPROVE. PLAN	THREE - LANE FLYOVER WITH ONE REVERSIBLE LANE		
LOCATION	NAME OF ROAD PHAHON YOTHIN - PRADIPAT NODE NUMBER 511		
SCALE	1 : 400, 1 : 1000	SHEET NO.	1 - 5

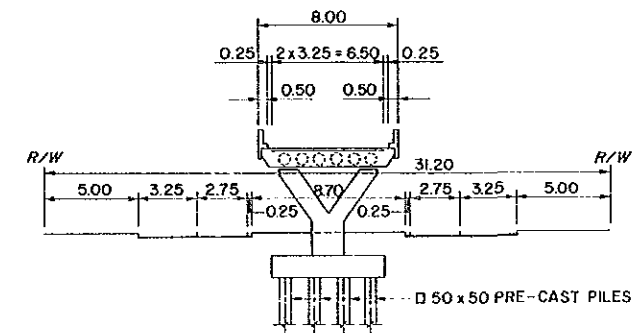
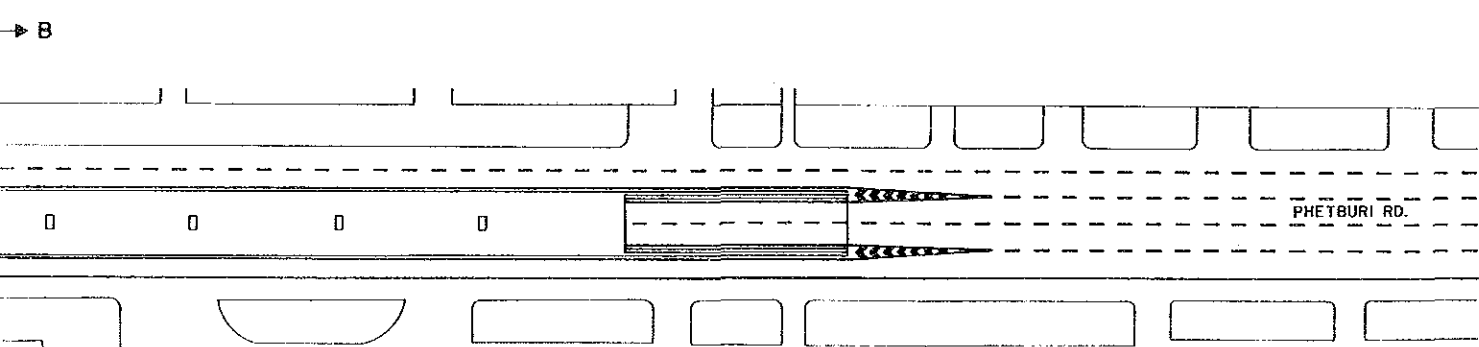


ELEVATION OF FLYOVER
SCALE 1 : 1000



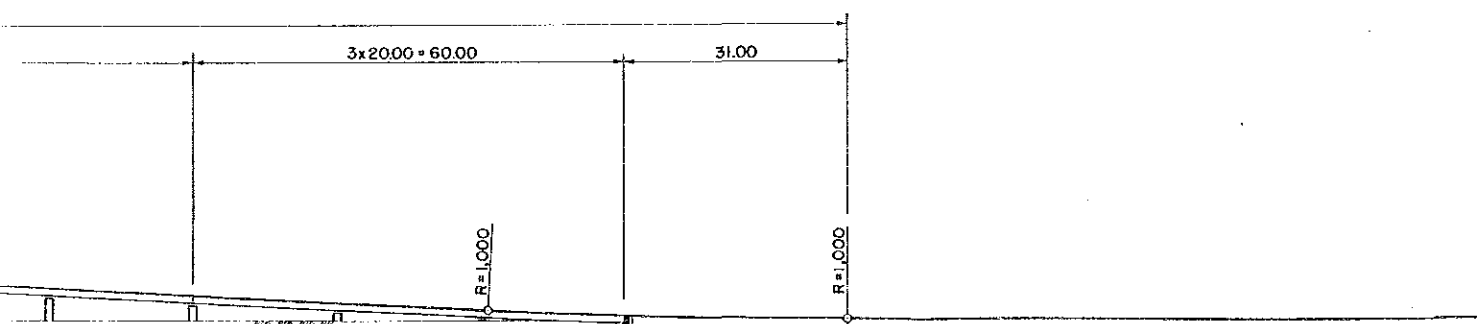
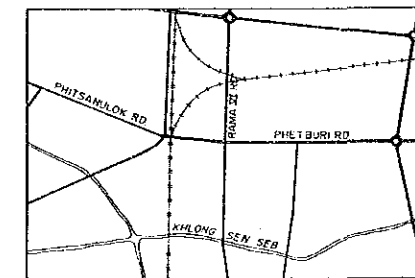


SECTION A-A
SCALE 1 : 400

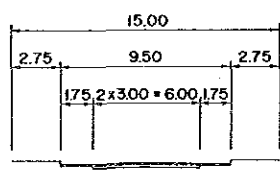
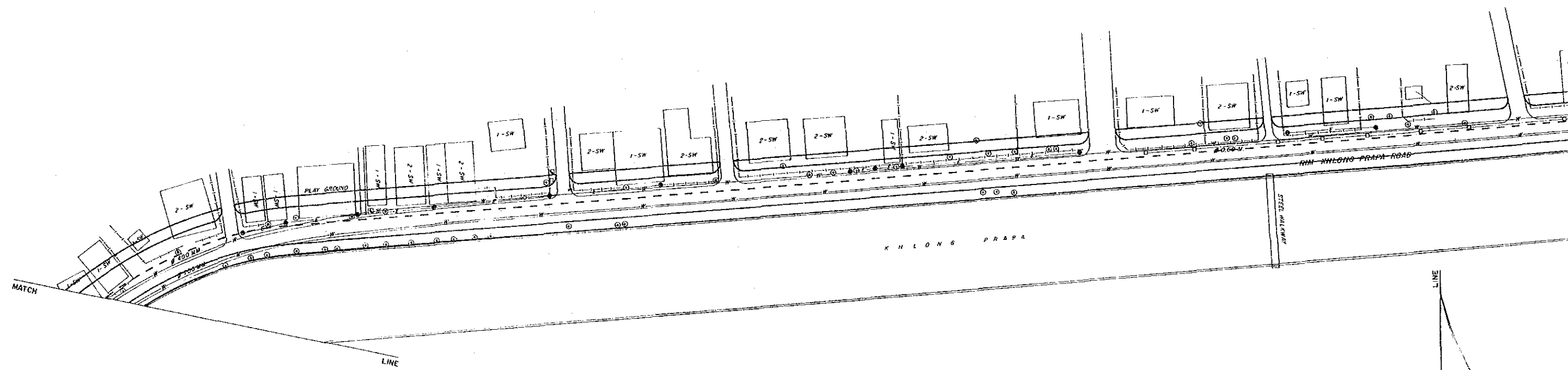


SECTION B-B
SCALE 1 : 400

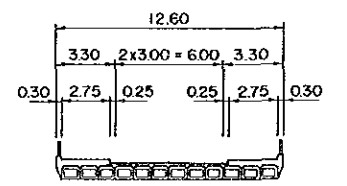
KEY MAP



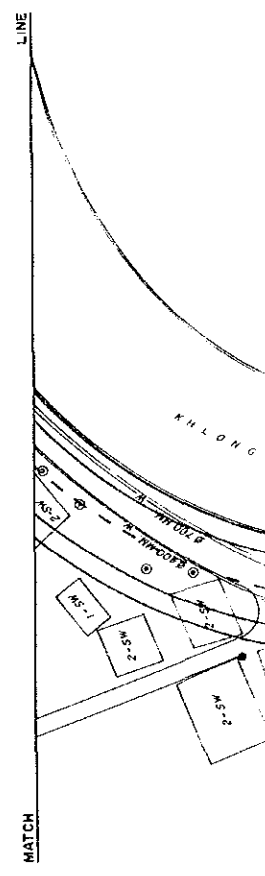
KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	ROAD IMPROVEMENT		
IMPROVE. PLAN	ONE - WAY , TWO-LANE FLYOVER		
LOCATION	NAME OF ROAD	PETBURI - RAMA VI	
	NODE NUMBER	212	
SCALE	1 : 400 . 1 : 1000	SHEET NO.	1 - 6

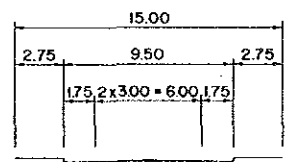
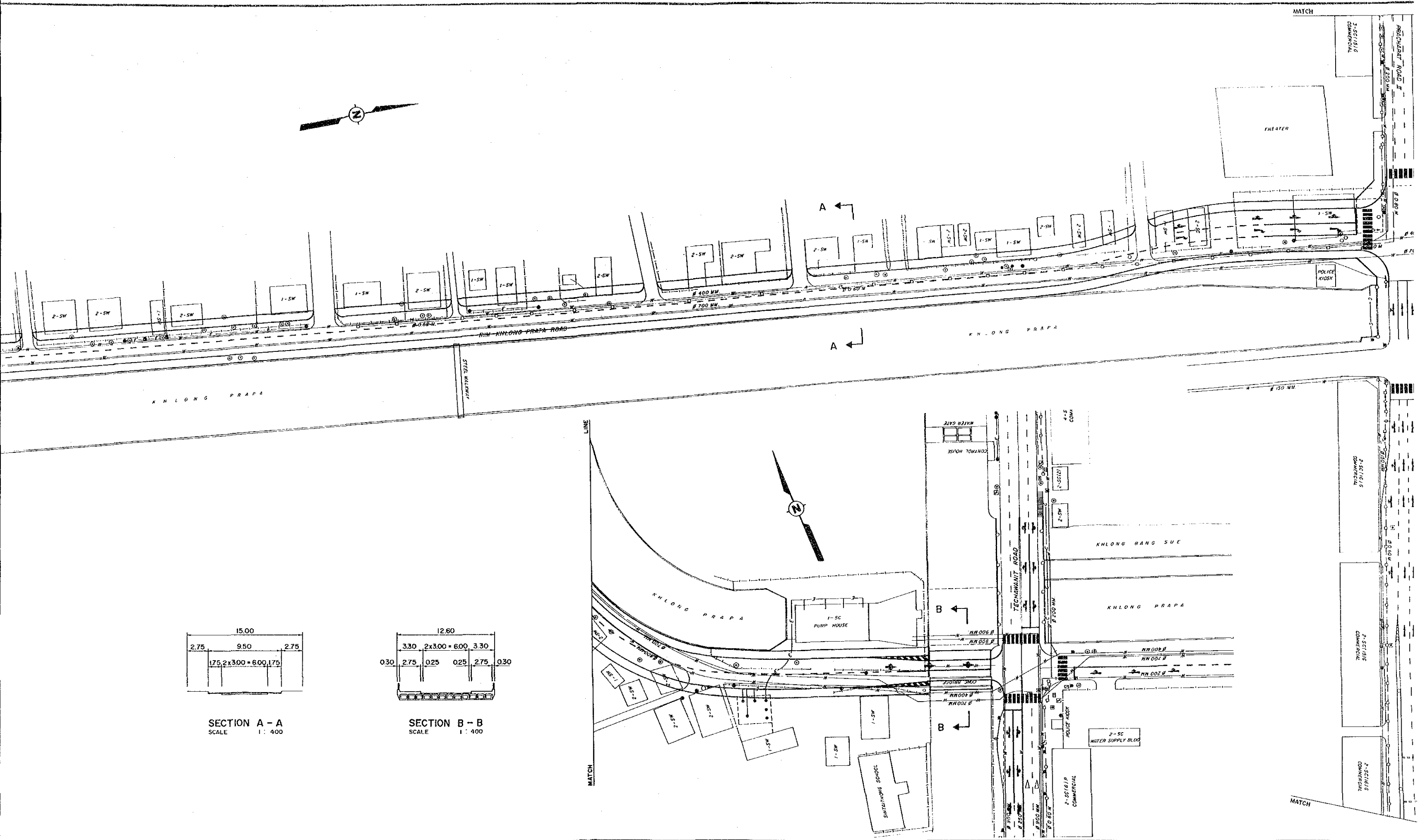


SECTION A - A
SCALE 1 : 400

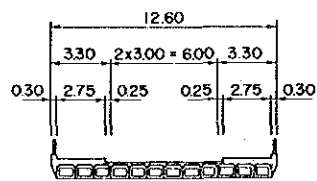


SECTION B - B
SCALE 1 : 400





SECTION A - A
SCALE 1 : 400



SECTION B - B
SCALE 1 : 400

MATCH

3-SC17/12/10
COMMERCIAL

PROCHAOT ROAD II

THEATER

POLICE KIOSK

KHLONG PRAPA

R/W KHLONG PRAPA ROAD

KHLONG PRAPA

LINE



KHLONG PRAPA

1-SC PUMP HOUSE

CONTROL HOUSE

WATER GATE

KHLONG RANG SUE

KHLONG PRAPA

TECHAMMIT ROAD

RR 006 B

RR 005 B

RR 004 B

RR 003 B

RR 002 B

RR 001 B

RR 000 B

POLICE KIOSK

2-SC WATER SUPPLY BLDG

2-SC16/1P
COMMERCIAL

2-SC16/2P
COMMERCIAL

2-SC16/3P
COMMERCIAL

2-SC16/4P
COMMERCIAL

2-SC16/5P
COMMERCIAL

2-SC16/6P
COMMERCIAL

2-SC16/7P
COMMERCIAL

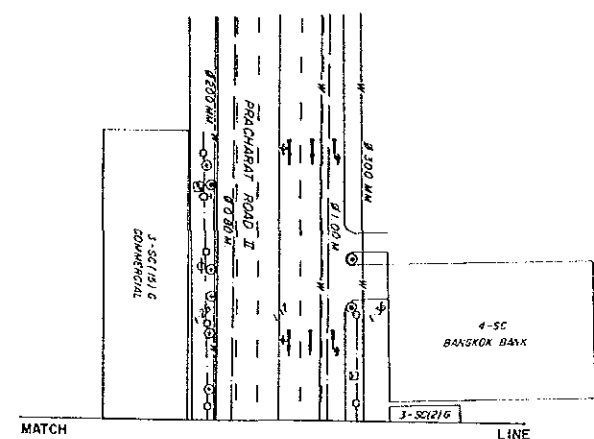
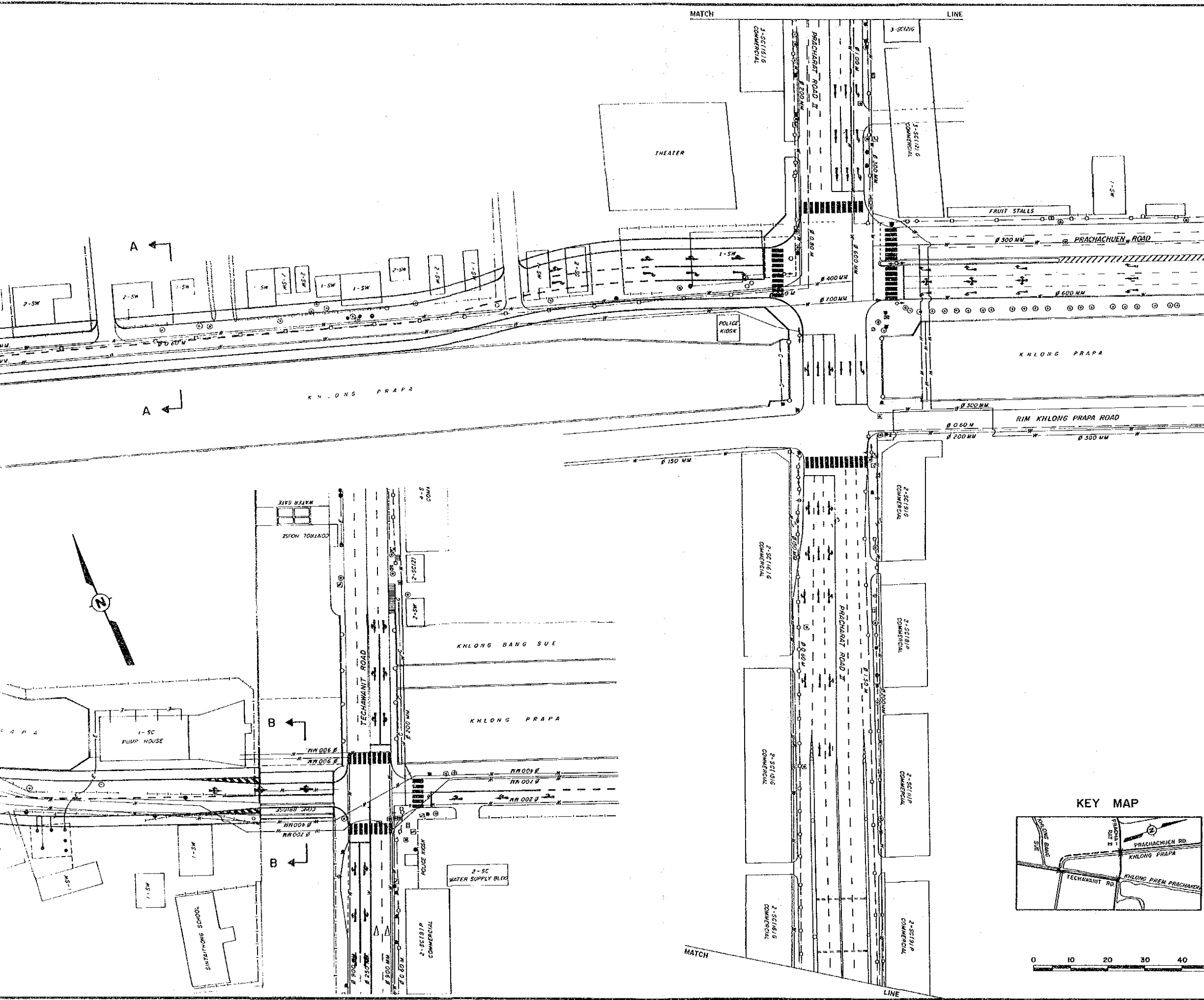
2-SC17/10
COMMERCIAL

2-SC17/11
COMMERCIAL

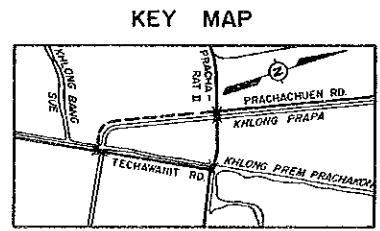
2-SC17/12
COMMERCIAL

2-SC17/13
COMMERCIAL

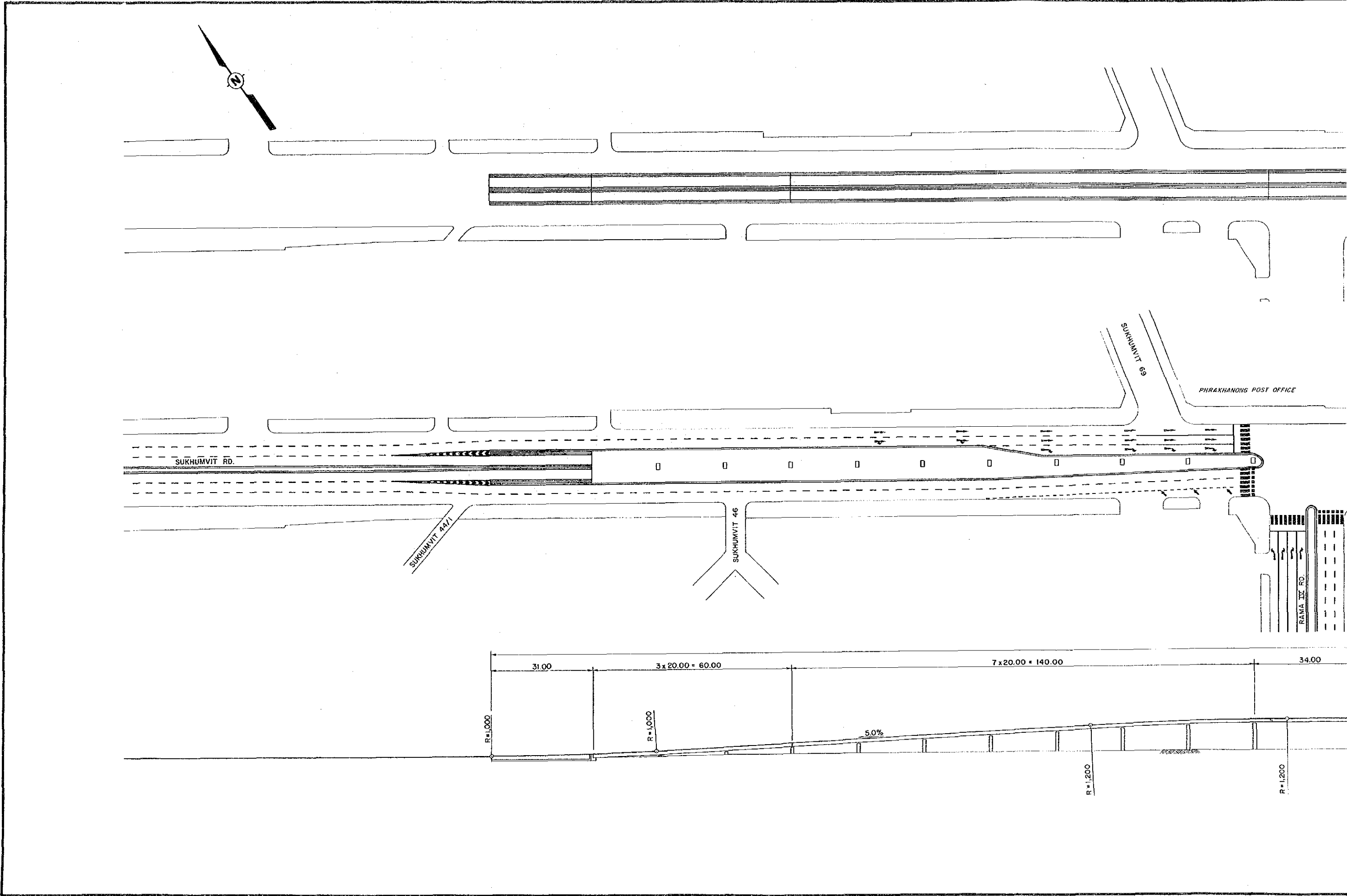
MATCH

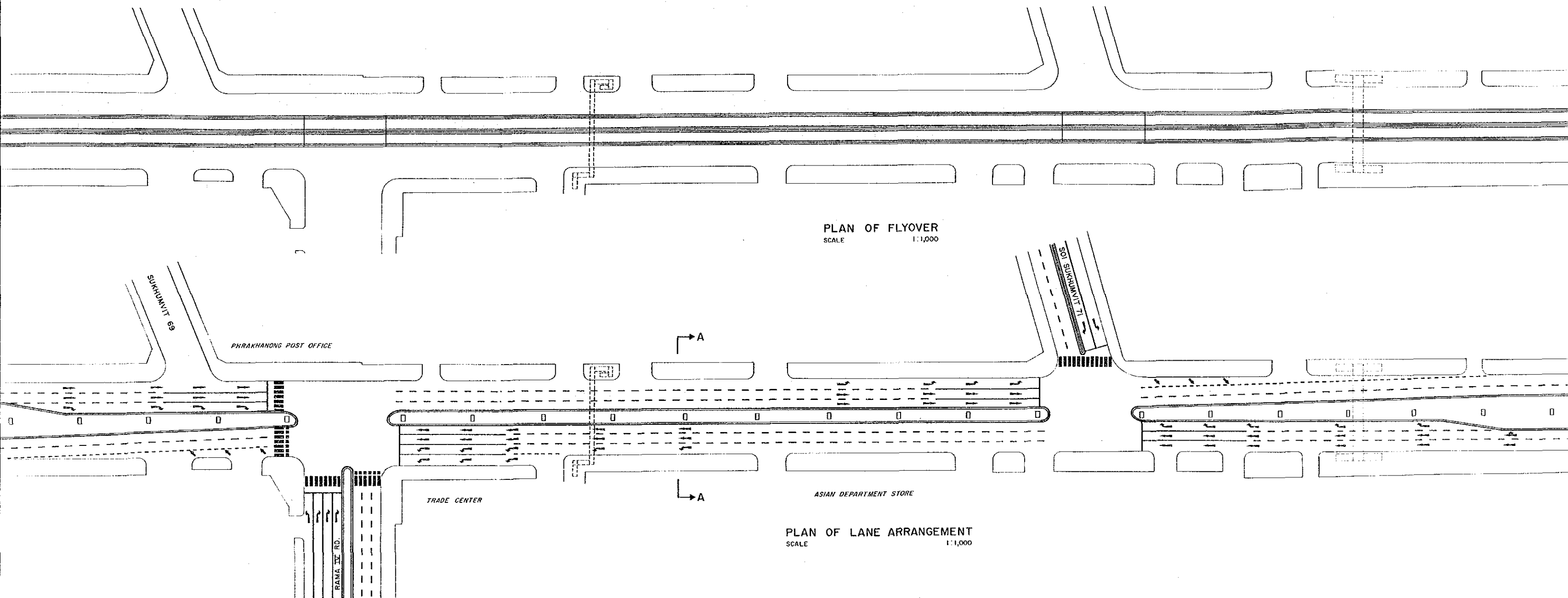


- LEGEND :**
- C—C— CABLE TELEPHONE LINE
 - T—T— TELEPHONE LINE W/POLE
 - E—E— POWER LINE W/POLE
 - W—W— WATER PIPE LINE, W/STOPPER
 - S—S— STORMDRAIN W/MANHOLE
 - □ □ □ CABLE CONDUIT W/MANHOLE
 - LAMP POST
 - TRAFFIC LIGHT SIGNAL
 - FIRE HYDRANT
 - BUS STOP
 - TREE / SHRUB
 - TRAFFIC SIGN
 - TELEPHONE RELAY BOX
 - POST BOX
 - TRAFFIC CONTROL SWITCH BOARD
 - TELEPHONE KIOSK
 - LITTER BIN
 - BUS SHELTER
 - POWER POLE W/LAM
 - PARKING METER
 - 3-SC1916 3 STOREY, CONCRETE FRAME (10 UNITS) GOOD CONDITION
 - 2-SW P 2 STOREY, WOOD FRAME, POOR CONDITION



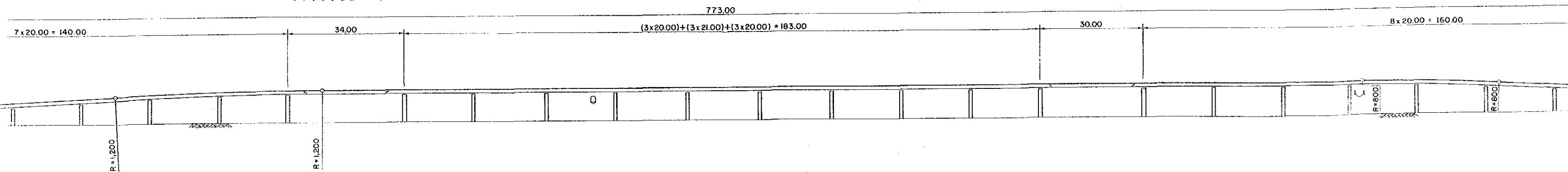
KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	ROAD IMPROVEMENT		
IMPROVE. PLAN	TWO-WAY, 2-LANE NEW ROAD		
LOCATION	PRACHARAT II - PRACHACHUEN NODE NO. 360		
SCALE	1 : 400 , 1 : 1000	SHEET NO.	1 - 7



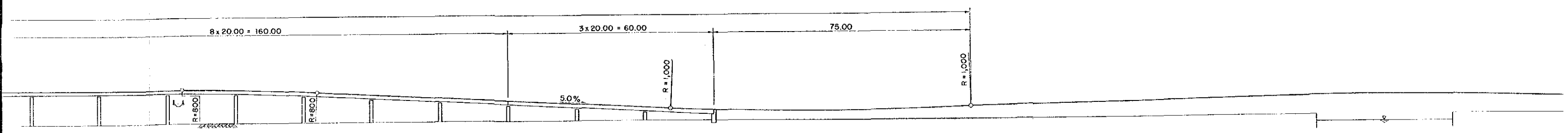
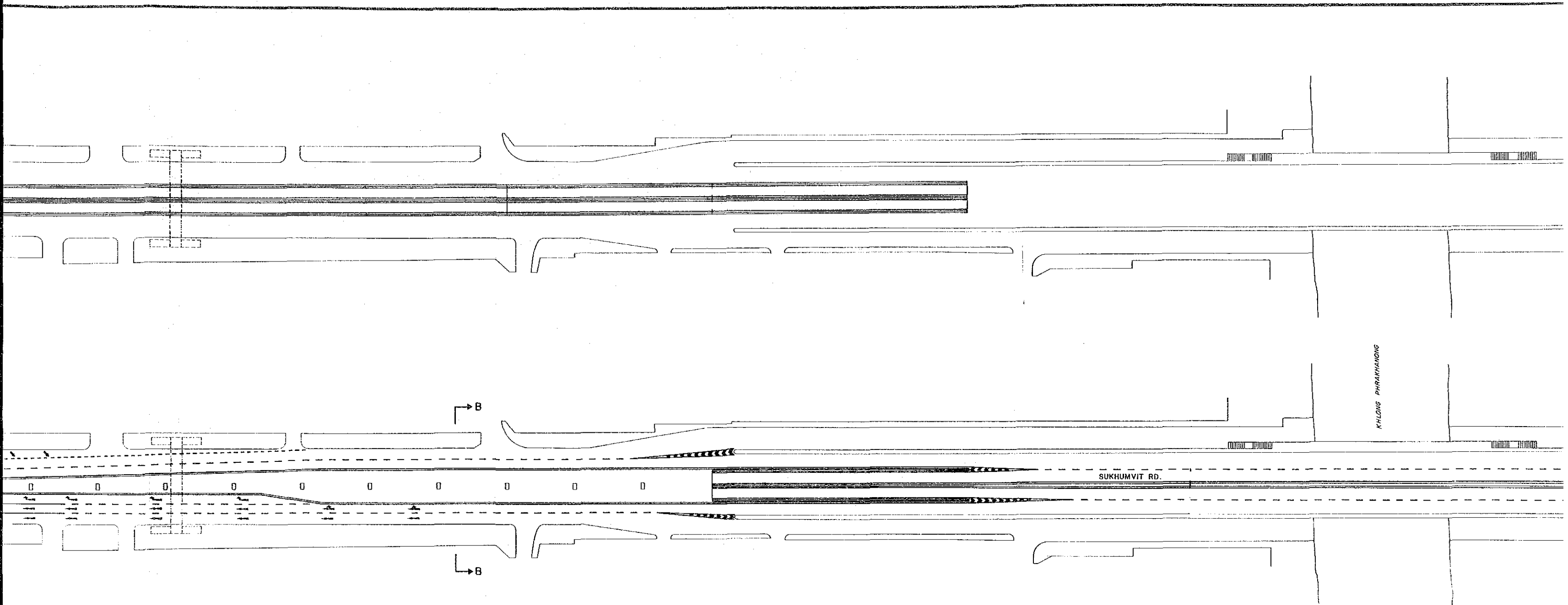


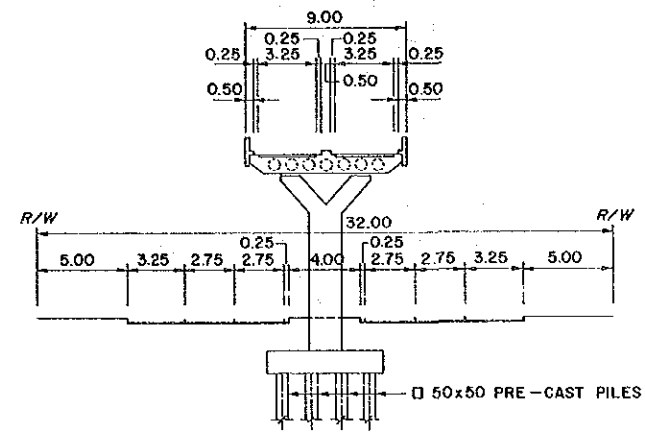
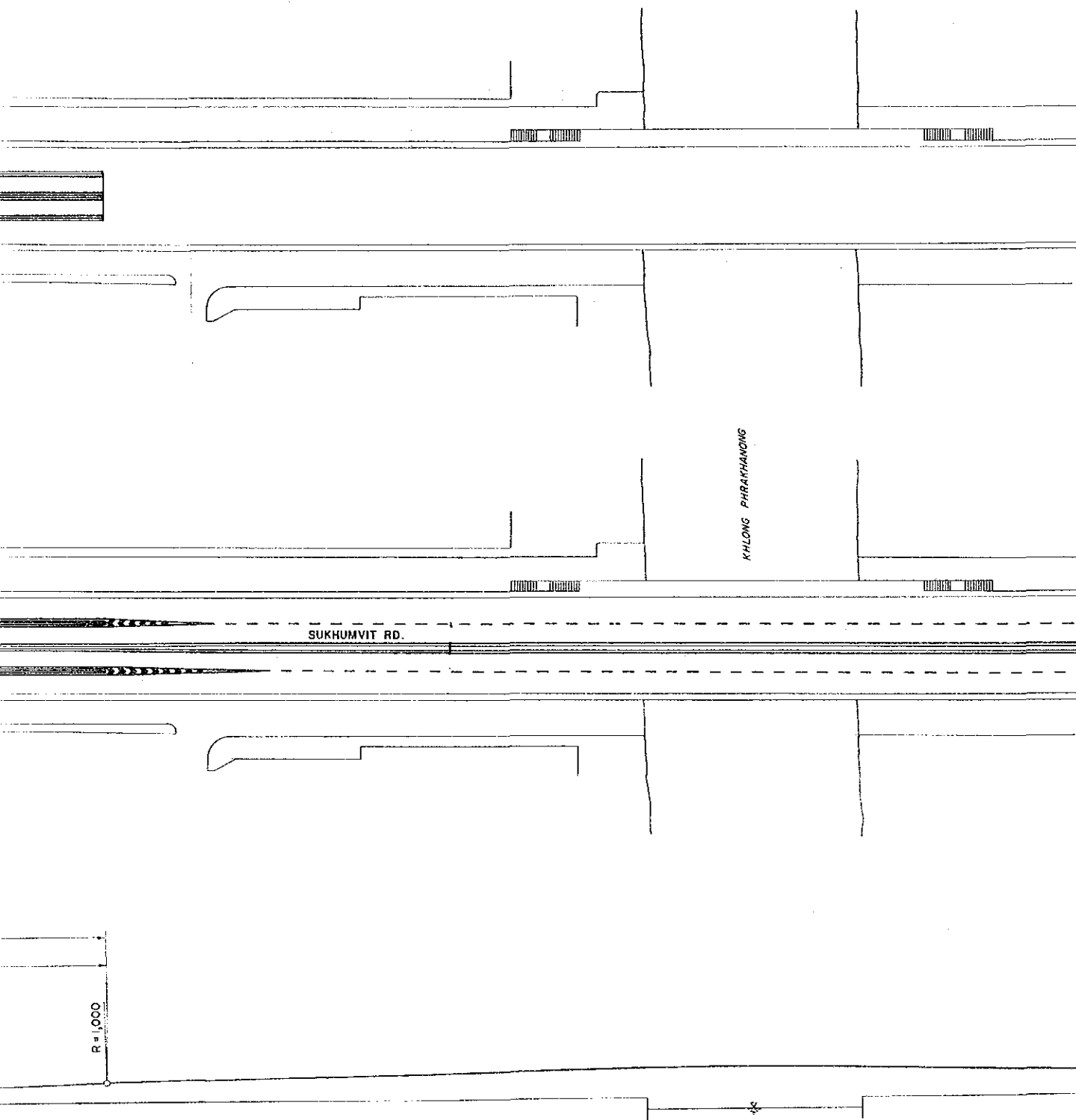
PLAN OF FLYOVER
SCALE 1:1,000

PLAN OF LANE ARRANGEMENT
SCALE 1:1,000

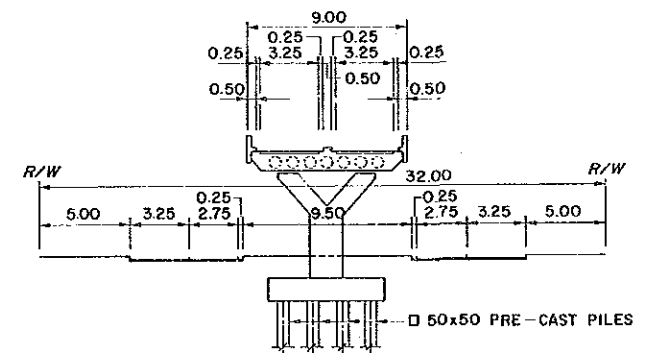


ELEVATION OF FLYOVER
SCALE 1:1,000

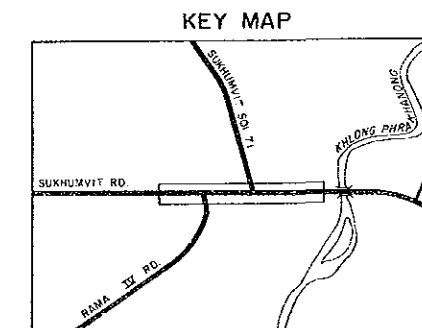




SECTION A-A
SCALE 1:400



SECTION B-B
SCALE 1:400



KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	ROAD IMPROVEMENT		
IMPROVE. PLAN	TWO-WAY, TWO-LANE FLYOVER		
LOCATION	NAME OF ROAD	SUKHUMVIT - RAMA IV	
	NODE NUMBER	131	
SCALE	1:400, 1:1000	SHEET NO.	1-8



3-SC (16) P
COMMERCIAL

A

4-SC (19) G
COMMERCIAL

MOSQUE
2-SC

4-SC (19) G
COMMERCIAL

VILLA CAFE
1-SC

SAENSAB

USED CAR DEALER
1-SC

MATERIAL SHOP

1-SC

4-SC (15) G
COMMERCIAL

3-SC (8) G
COMMERCIAL

4-SC (12) G
COMMERCIAL

4-SC (21) G
COMMERCIAL

POLICE KIOSK

4-SC (6) G
COMMERCIAL

OPEN AREA

KHLONG

PETRURI ROAD

CABLE CONDUIT

4-SC (18) G
COMMERCIAL

4-SC (13) G
COMMERCIAL

4-SC (15) G
COMMERCIAL

3-SC (10) P
COMMERCIAL

3-SC (11) G
COMMERCIAL

3-SC (12) G
COMMERCIAL

3-SC (17) G
COMMERCIAL

4-SC (17) G
COMMERCIAL

4-SC (14) G
COMMERCIAL

4-SC (16) G
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4-SC (95) G
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4-SC (96) G
COMMERCIAL

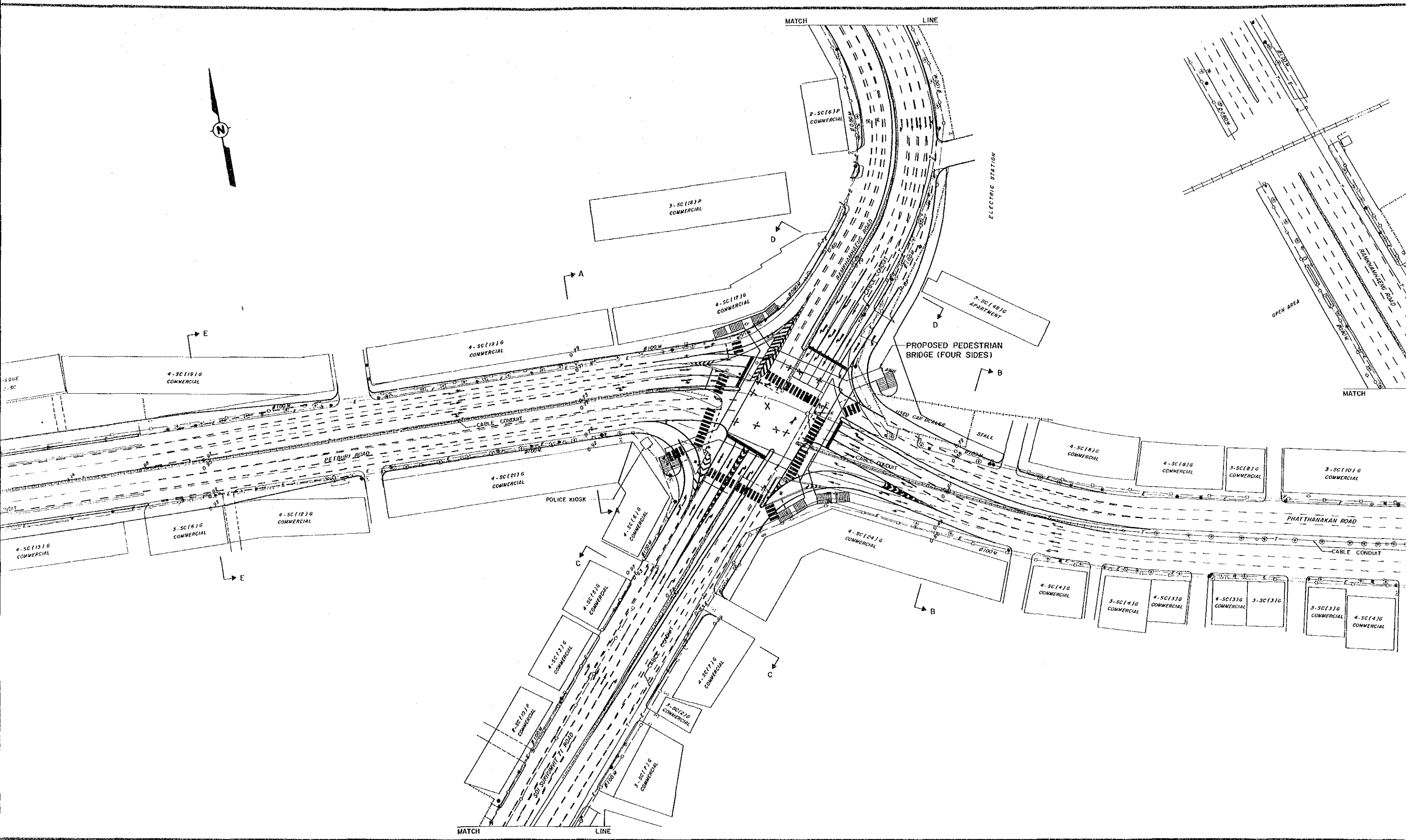
4-SC (97) G
COMMERCIAL

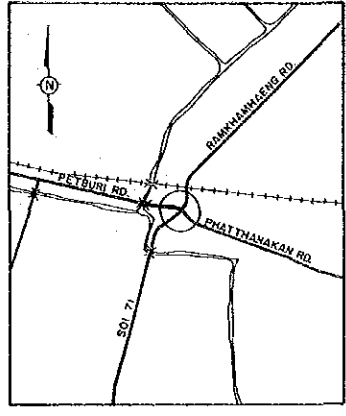
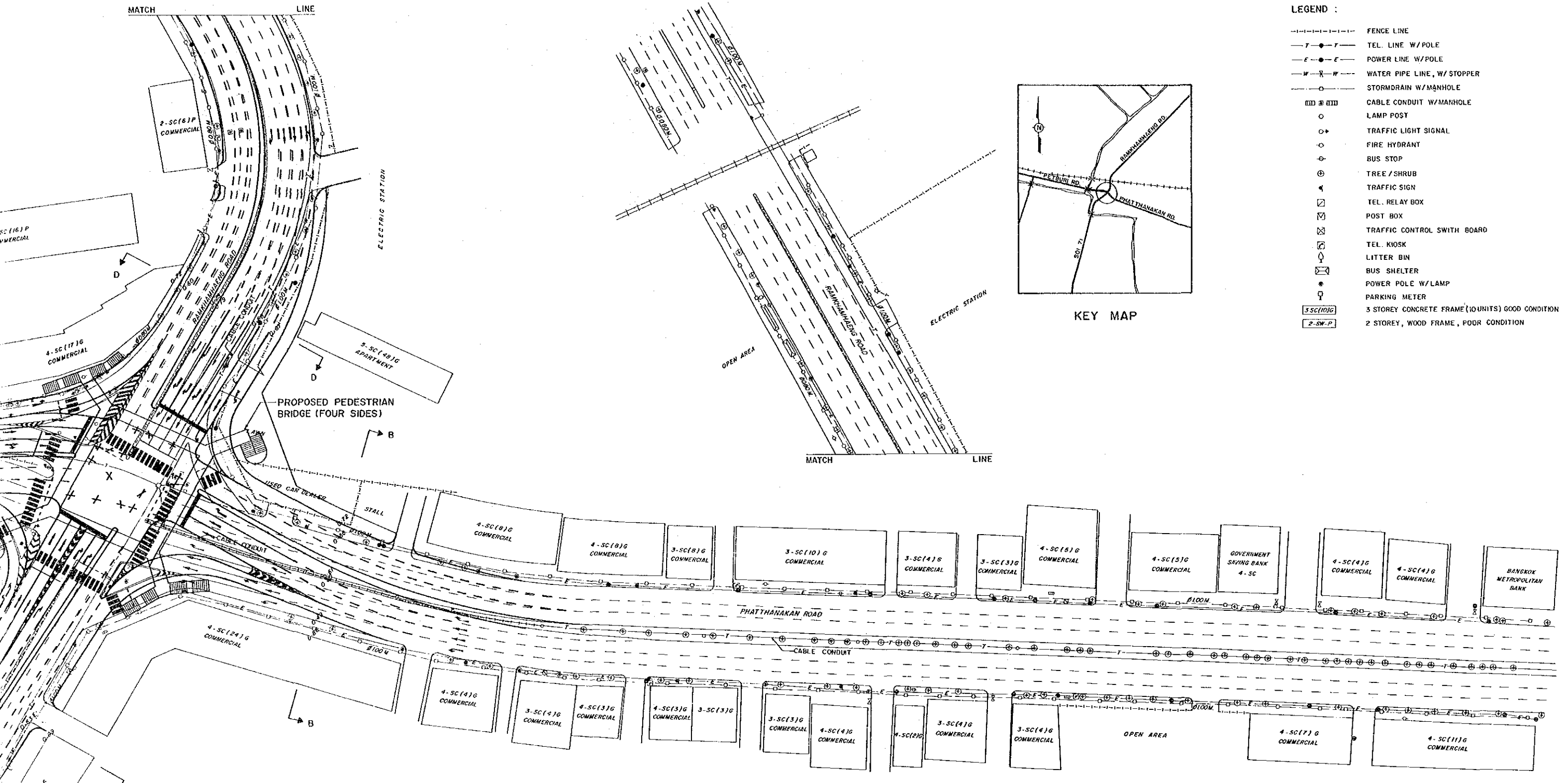
4-SC (98) G
COMMERCIAL

4-SC (99) G
COMMERCIAL

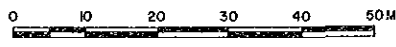
4-SC (100) G
COMMERCIAL

MATCH LINE

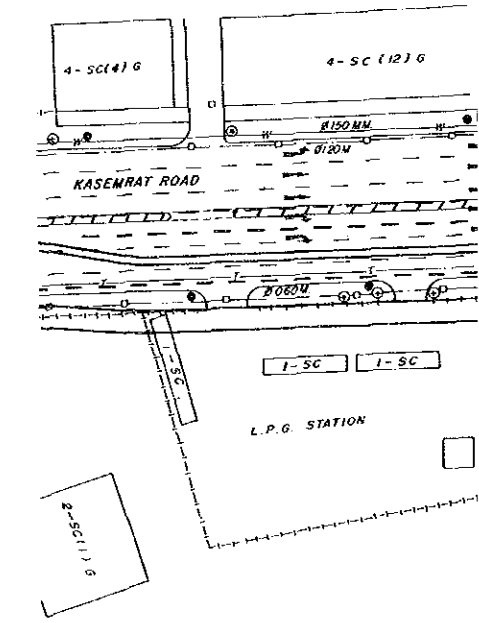
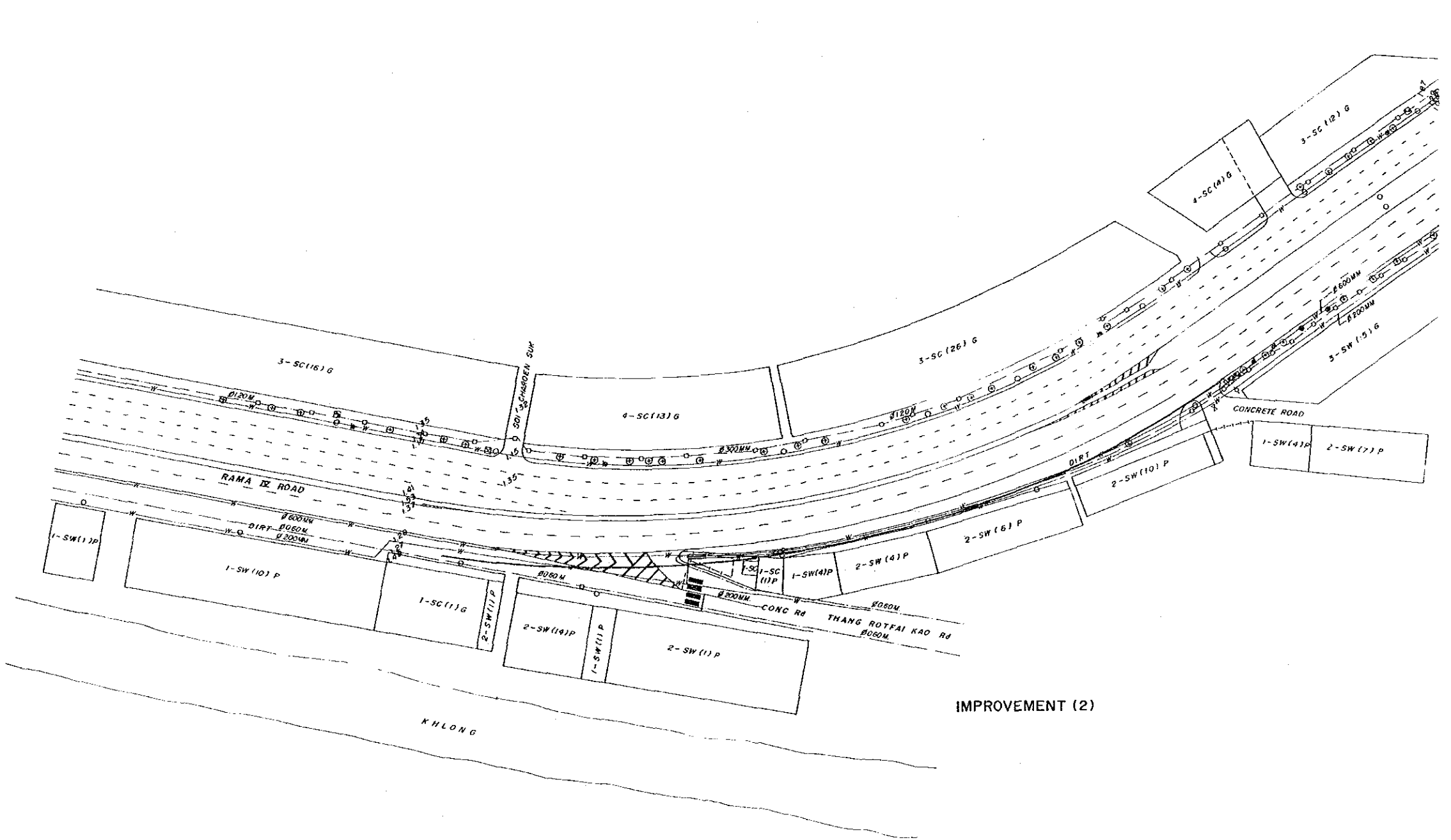




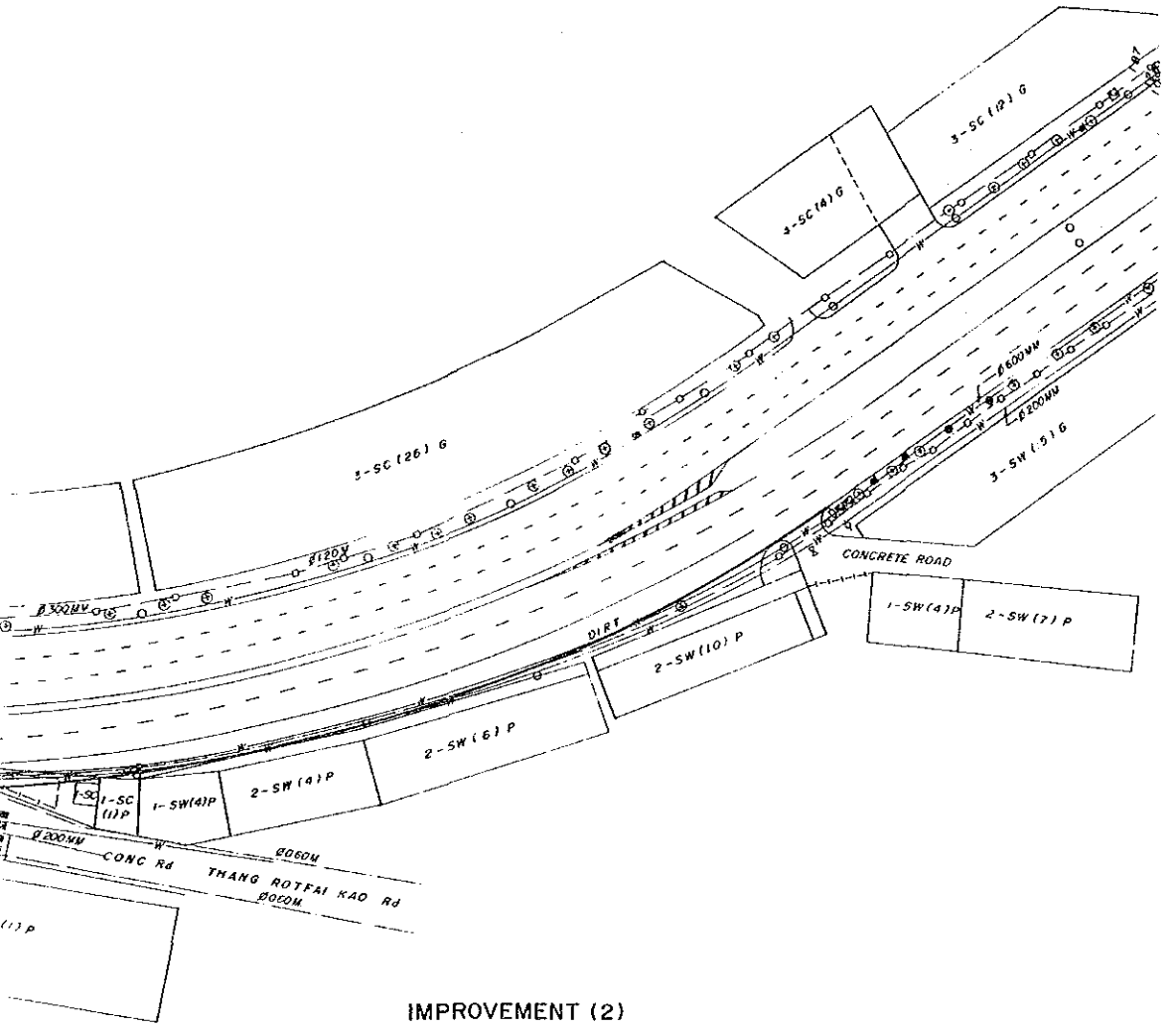
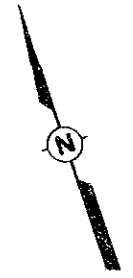
- LEGEND :**
- FENCE LINE
 - TEL. LINE W/POLE
 - POWER LINE W/POLE
 - X-X- WATER PIPE LINE, W/ STOPPER
 - STORMDRAIN W/MANHOLE
 - CABLE CONDUIT W/MANHOLE
 - LAMP POST
 - + TRAFFIC LIGHT SIGNAL
 - FIRE HYDRANT
 - BUS STOP
 - TREE /SHRUB
 - △ TRAFFIC SIGN
 - TEL. RELAY BOX
 - POST BOX
 - TRAFFIC CONTROL SWITCH BOARD
 - TEL. KIOSK
 - LITTER BIN
 - BUS SHELTER
 - POWER POLE W/LAMP
 - PARKING METER
 - 3-SC(10)G 3 STOREY CONCRETE FRAME(10UNITS) GOOD CONDITION
 - 2-SW-P 2 STOREY, WOOD FRAME, POOR CONDITION



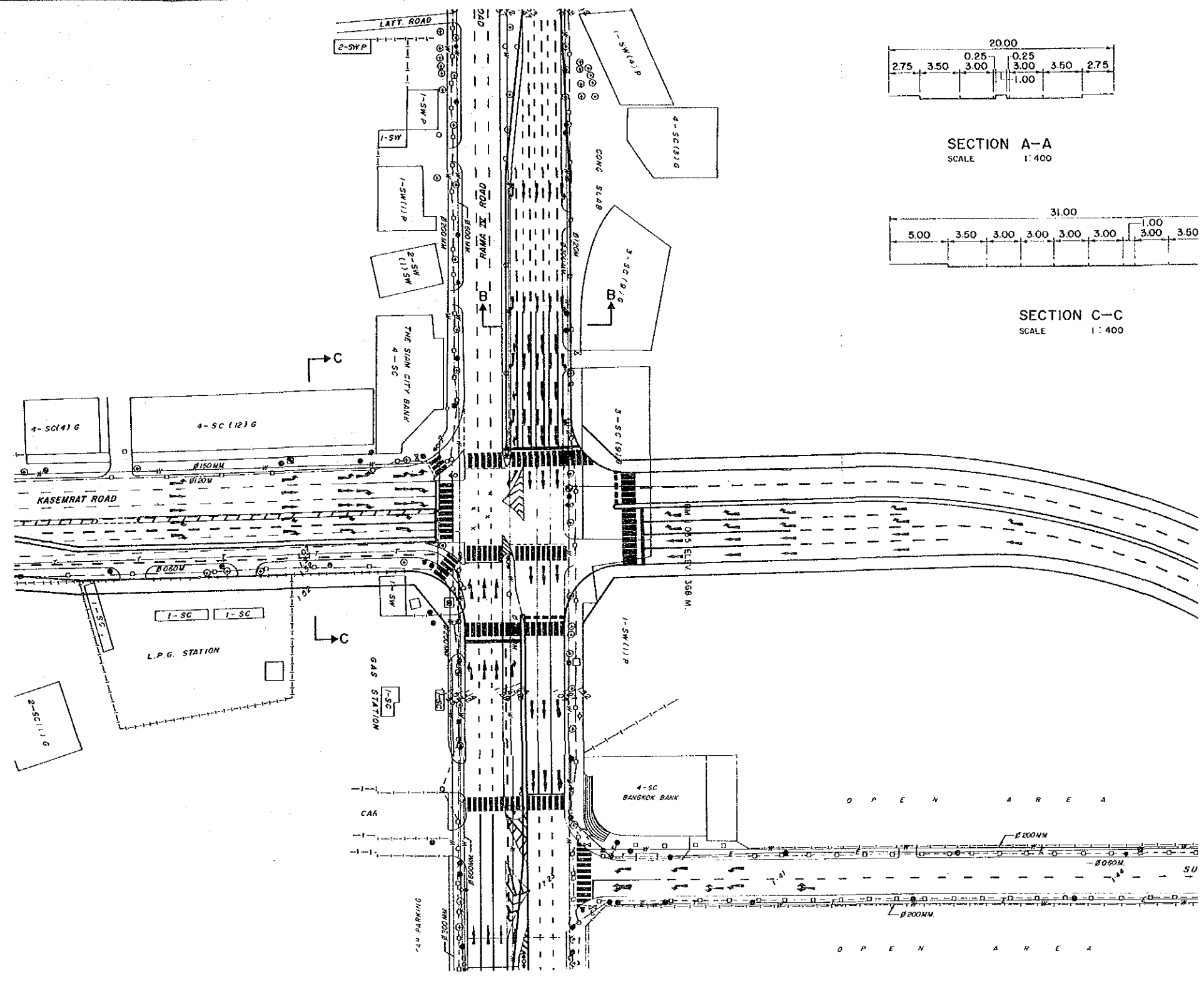
KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	ROAD IMPROVEMENT		
IMPROVE. PLAN	ROAD WIDENING		
LOCATION	NAME OF ROAD : PETBURI / RAMKHAMHAENG NODE NUMBER : 245		
SCALE	1:1000	SHEET NO	I-9



IMPROVEMENT (2)



IMPROVEMENT (2)



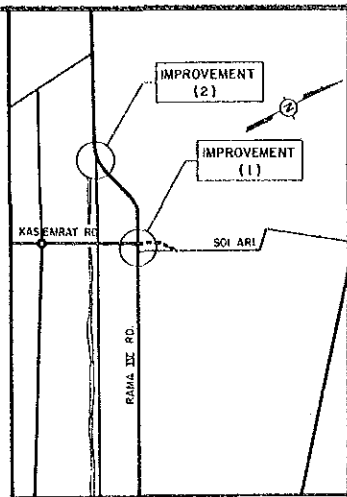
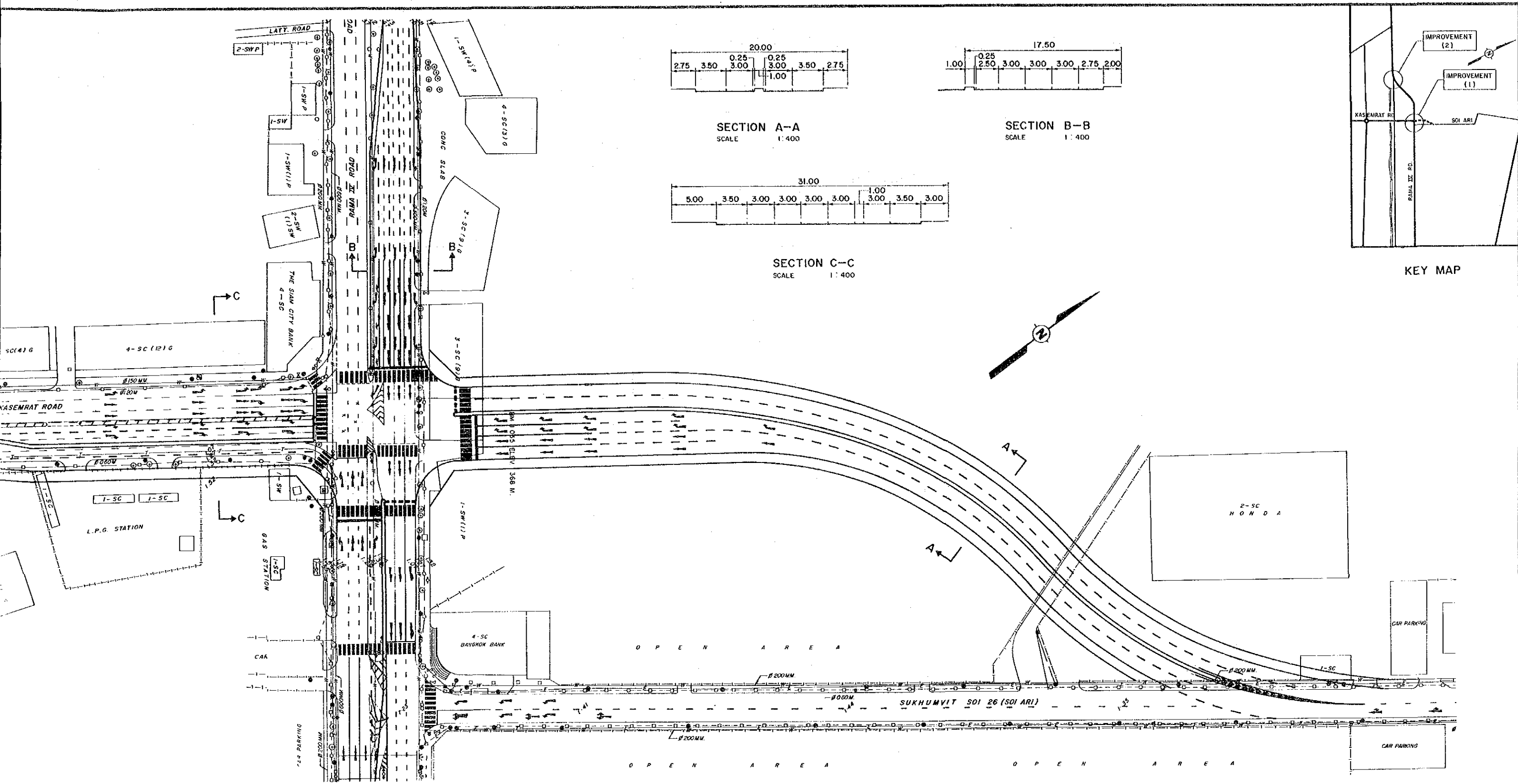
IMPROVEMENT (1)

2000					
2.75	3.50	0.25	0.25	3.00	2.75
		1.00			

SECTION A-A
SCALE 1:400

31.00							
5.00	3.50	3.00	3.00	3.00	3.00	1.00	3.50

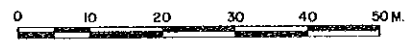
SECTION C-C
SCALE 1:400

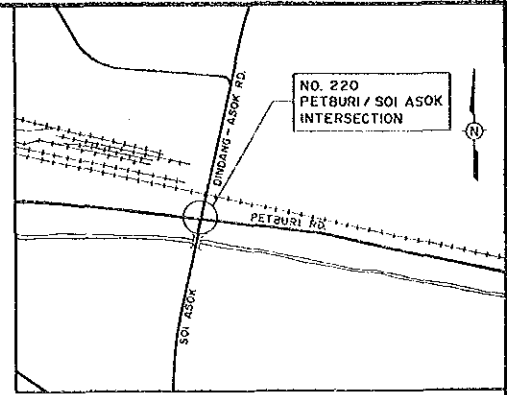
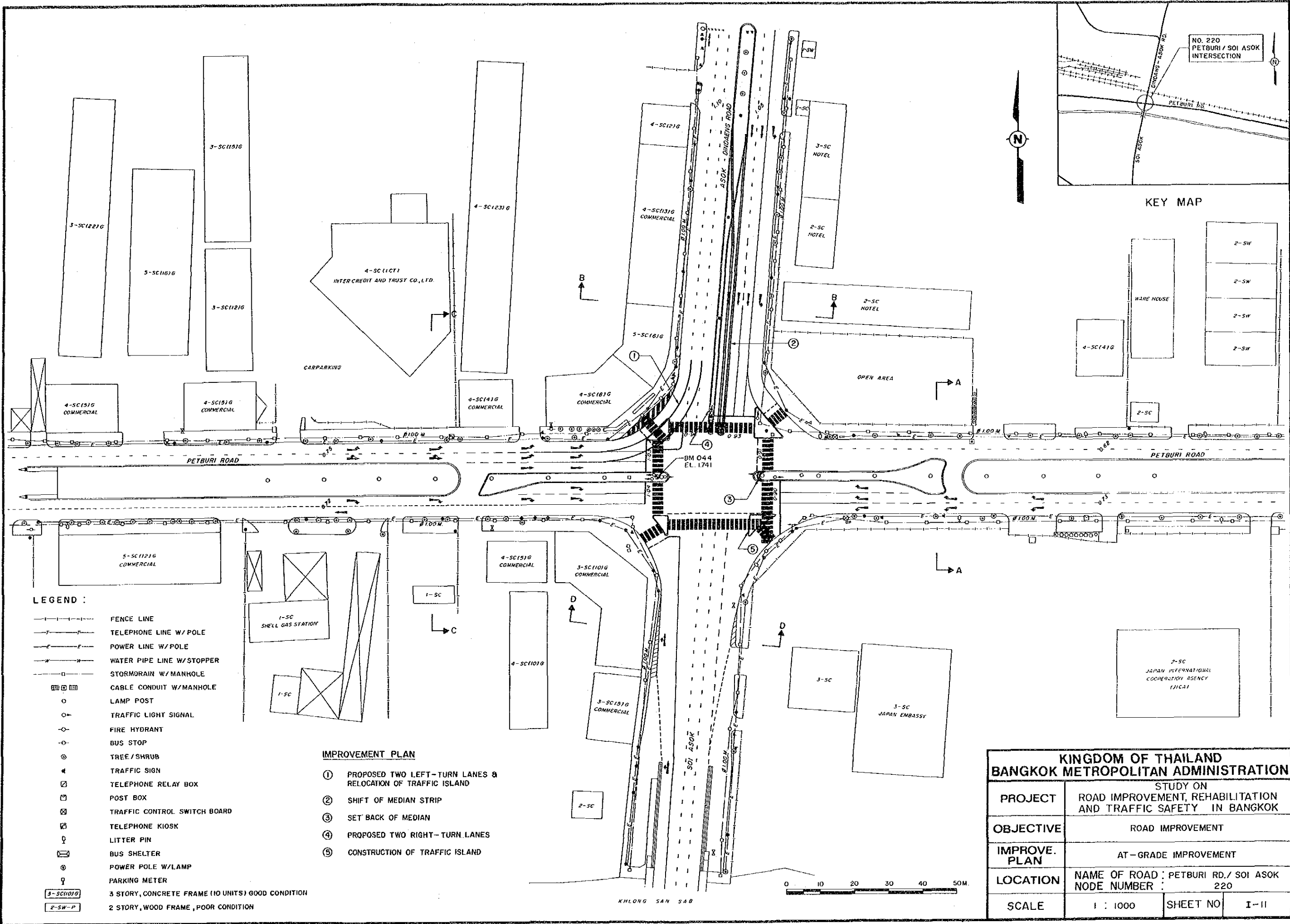


KEY MAP

IMPROVEMENT (1)

KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION	
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK
OBJECTIVE	ROAD IMPROVEMENT
IMPROVE. PLAN	AT-GRADE (NEW ROAD)
LOCATION	NAME OF ROAD : RAMA IX - KASEMRAT NODE NUMBER : 035
SCALE	1:400, 1:1000
SHEET NO.	1-10





KEY MAP

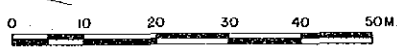
LEGEND :

- — — — — FENCE LINE
- — — — — TELEPHONE LINE W/ POLE
- — — — — POWER LINE W/ POLE
- — — — — WATER PIPE LINE W/ STOPPER
- — — — — STORMDRAIN W/ MANHOLE
- — — — — CABLE CONDUIT W/MANHOLE
- LAMP POST
- TRAFFIC LIGHT SIGNAL
- FIRE HYDRANT
- BUS STOP
- TREE / SHRUB
- 4 TRAFFIC SIGN
- ☒ TELEPHONE RELAY BOX
- ☐ POST BOX
- ☒ TRAFFIC CONTROL SWITCH BOARD
- ☒ TELEPHONE KIOSK
- ☒ LITTER PIN
- ☒ BUS SHELTER
- POWER POLE W/LAMP
- ☒ PARKING METER
- 3-SC1010 3 STORY, CONCRETE FRAME (10 UNITS) GOOD CONDITION
- 2-SW-P 2 STORY, WOOD FRAME, POOR CONDITION

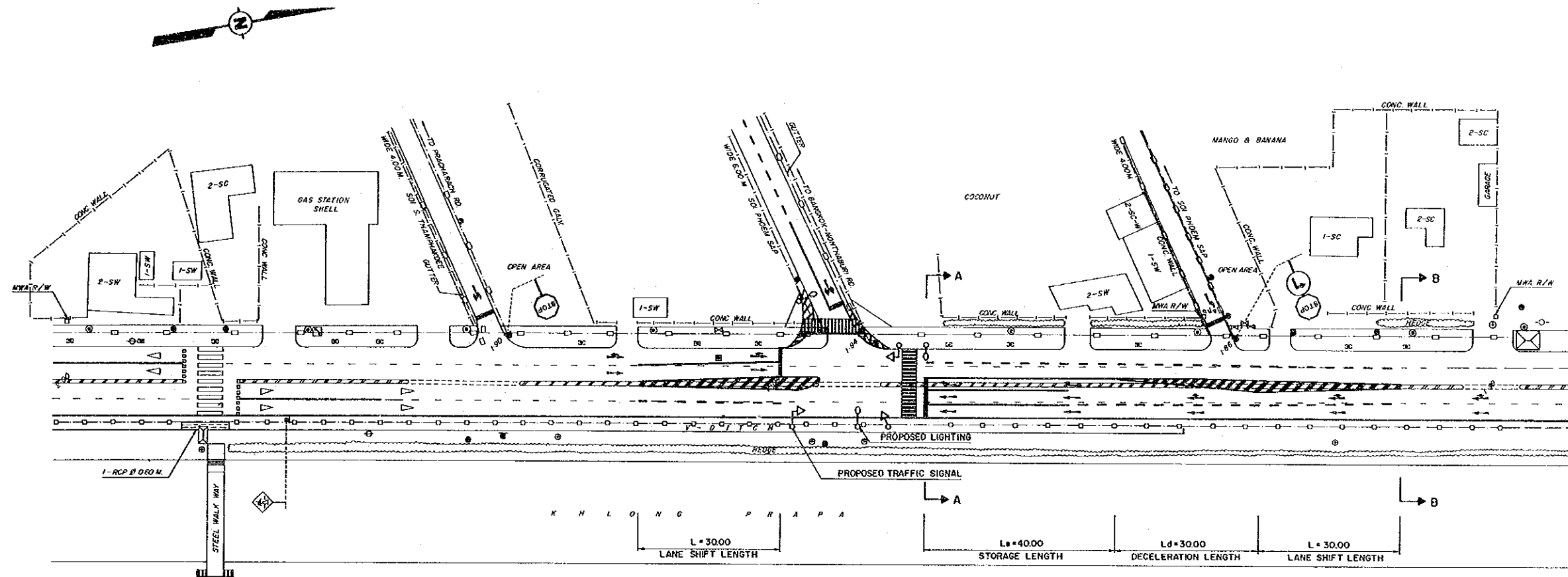
IMPROVEMENT PLAN

- ① PROPOSED TWO LEFT-TURN LANES & RELOCATION OF TRAFFIC ISLAND
- ② SHIFT OF MEDIAN STRIP
- ③ SET BACK OF MEDIAN
- ④ PROPOSED TWO RIGHT-TURN LANES
- ⑤ CONSTRUCTION OF TRAFFIC ISLAND

KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK			
PROJECT	ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	ROAD IMPROVEMENT		
IMPROVE. PLAN	AT-GRADE IMPROVEMENT		
LOCATION	NAME OF ROAD : PETBURI RD./ SOI ASOK NODE NUMBER : 220		
SCALE	1 : 1000	SHEET NO	I-II

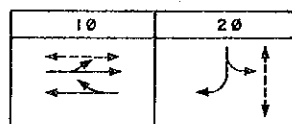


TRAFFIC SAFETY

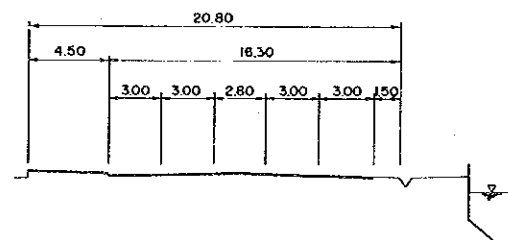


LEGEND

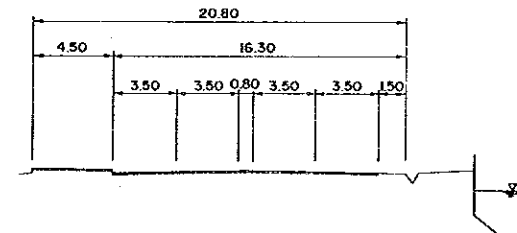
TYPE OF IMPROVEMENT	EXISTING	PROPOSED IMPROVEMENT
BROKEN LANE LINE MARKING	---	--- --
CONTINUOUS-LINE LANE MARKING	—	—
HATCHING		////
ARROW	→	→
PEDESTRAIN CROSSWALK	○○○○○○	



SIGNAL PHASE



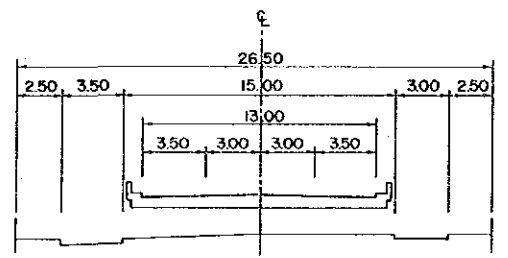
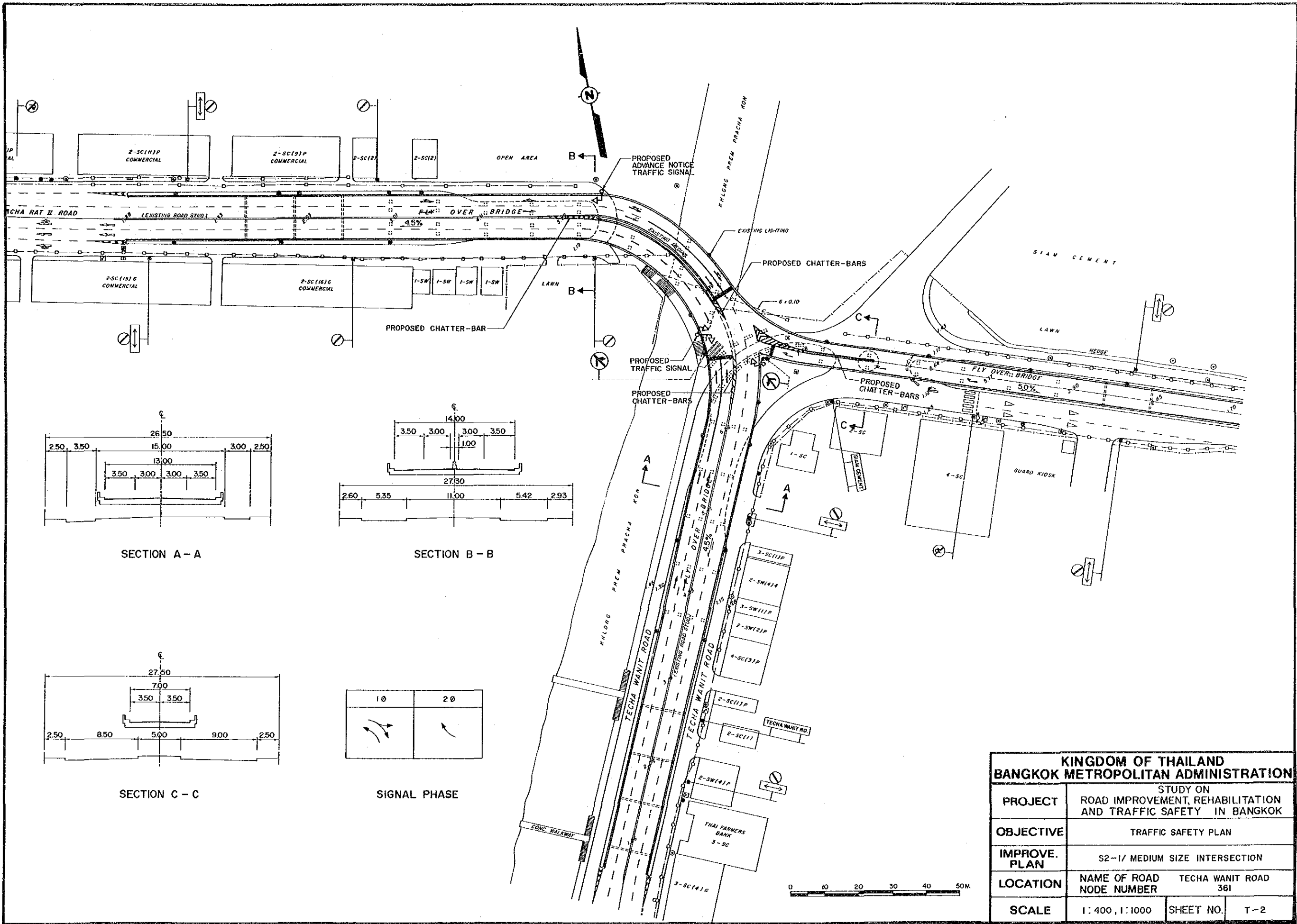
SECTION A - A



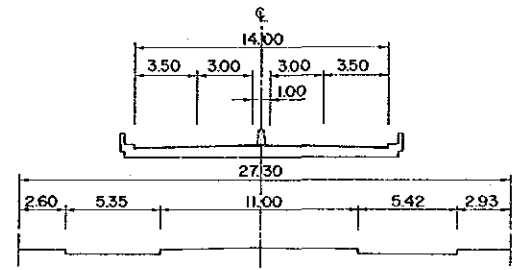
SECTION B - B



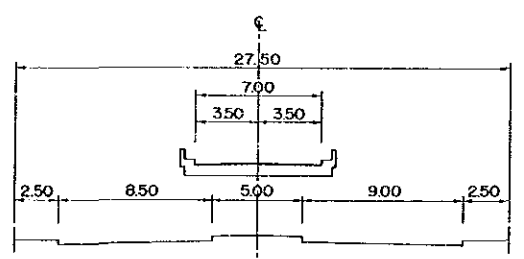
KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	SI / SMALL SIZE INTERSECTION		
LOCATION	NAME OF ROAD NODE NUMBER	PRACHA CHUEN ROAD 360-922	
SCALE	1:400, 1:1000	SHEET NO.	T-1



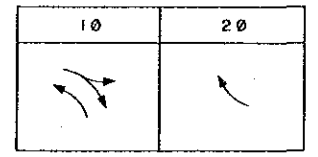
SECTION A - A



SECTION B - B



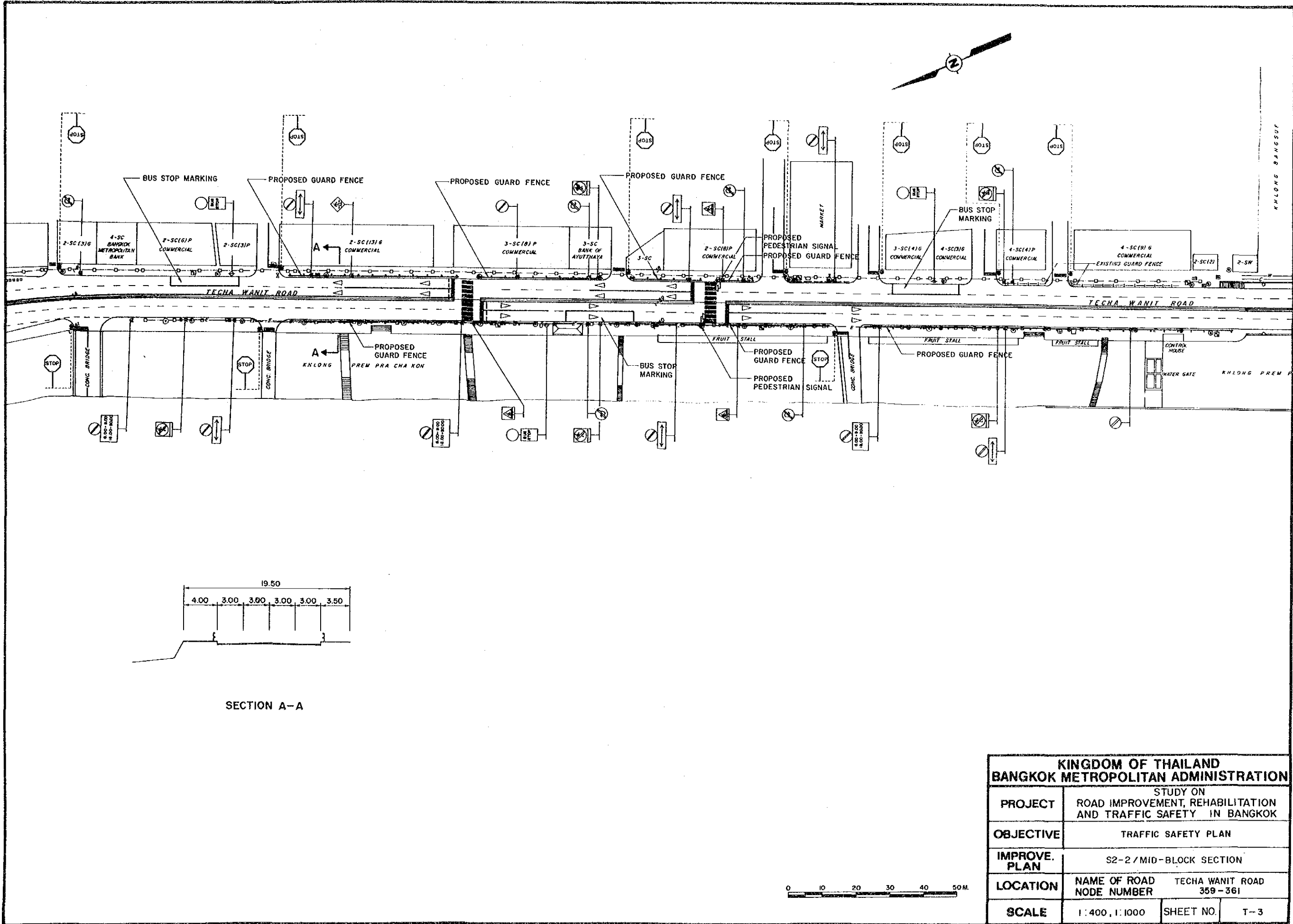
SECTION C - C



SIGNAL PHASE

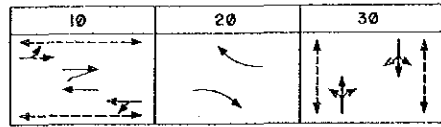


KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK			
PROJECT	ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S2-1/ MEDIUM SIZE INTERSECTION		
LOCATION	NAME OF ROAD	TECHA WANT ROAD	
	NODE NUMBER	361	
SCALE	1: 400, 1: 1000	SHEET NO.	T-2

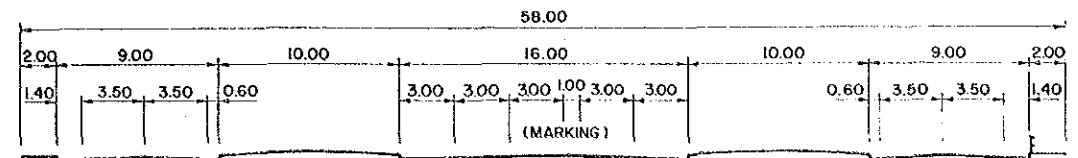


SECTION A-A

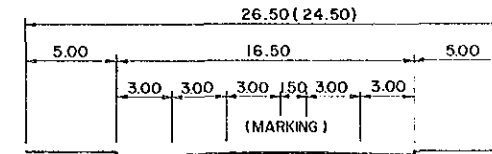
KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S2-2 / MID-BLOCK SECTION		
LOCATION	NAME OF ROAD	TECHA WANIT ROAD	
	NODE NUMBER	359 - 361	
SCALE	1:400, 1:1000	SHEET NO.	T-3



SIGNAL PHASE

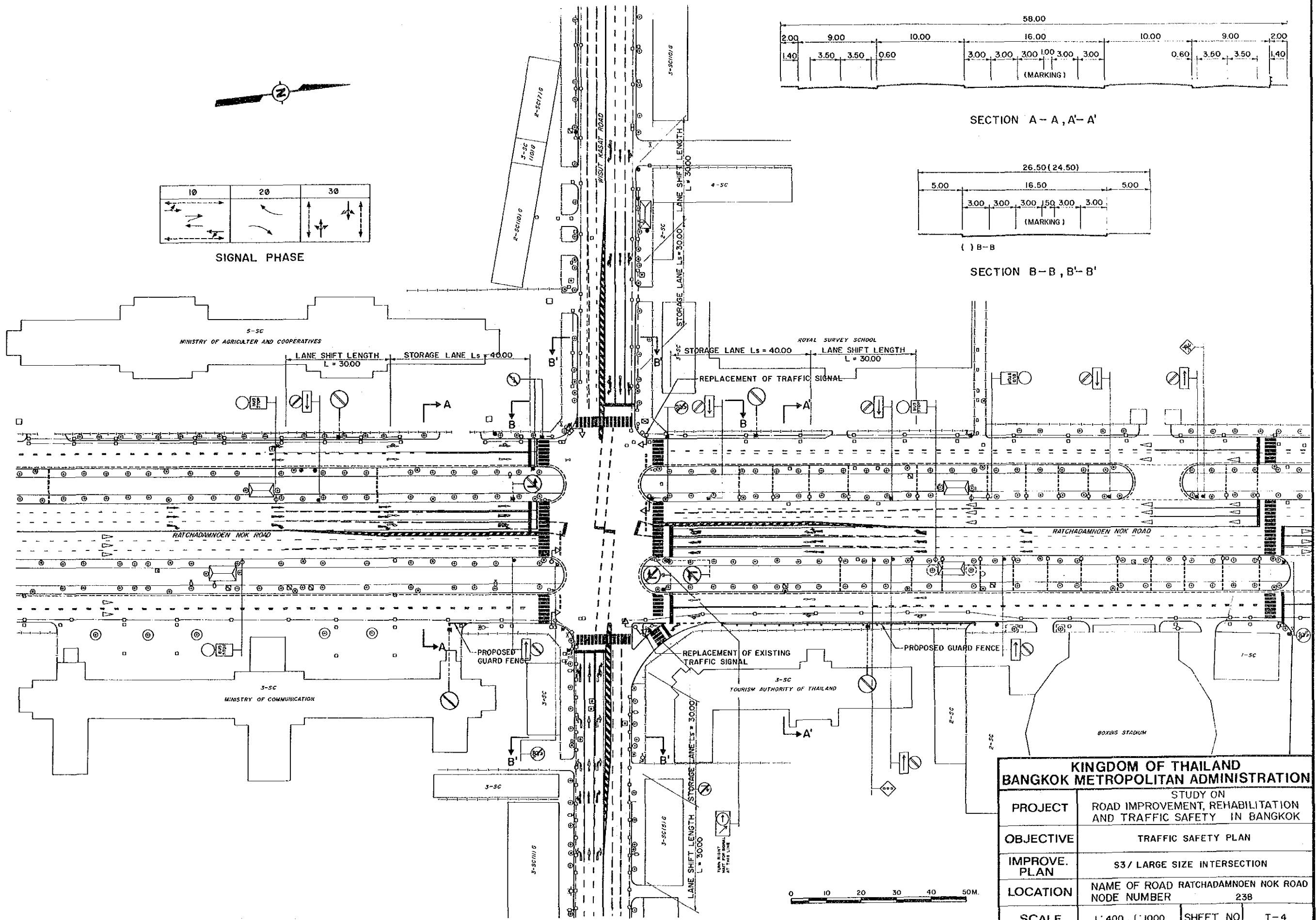


SECTION A - A , A' - A'

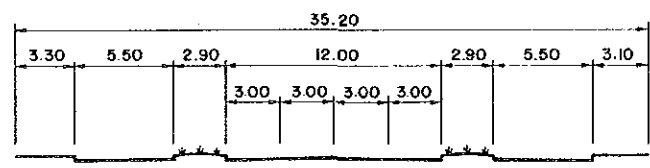
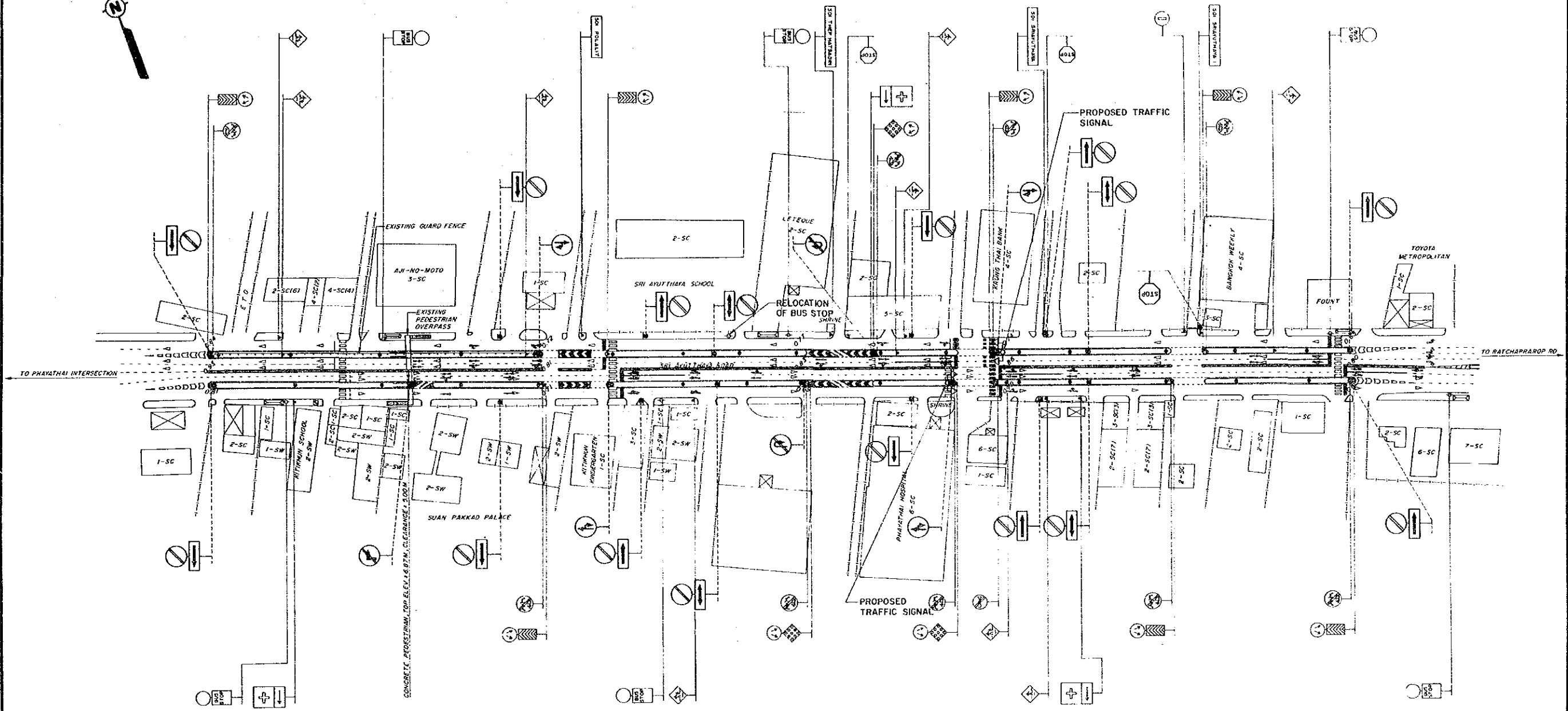


() B - B

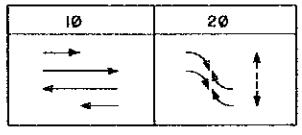
SECTION B - B , B' - B'



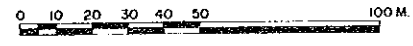
KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK			
PROJECT	ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S3 / LARGE SIZE INTERSECTION		
LOCATION	NAME OF ROAD RATCHADAMNOEN NOK ROAD NODE NUMBER 238		
SCALE	1 : 400 , 1 : 1000	SHEET NO	T - 4



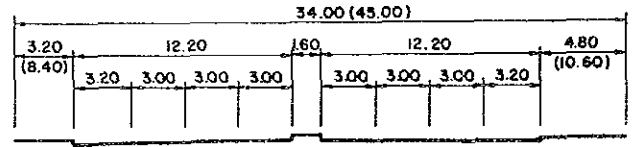
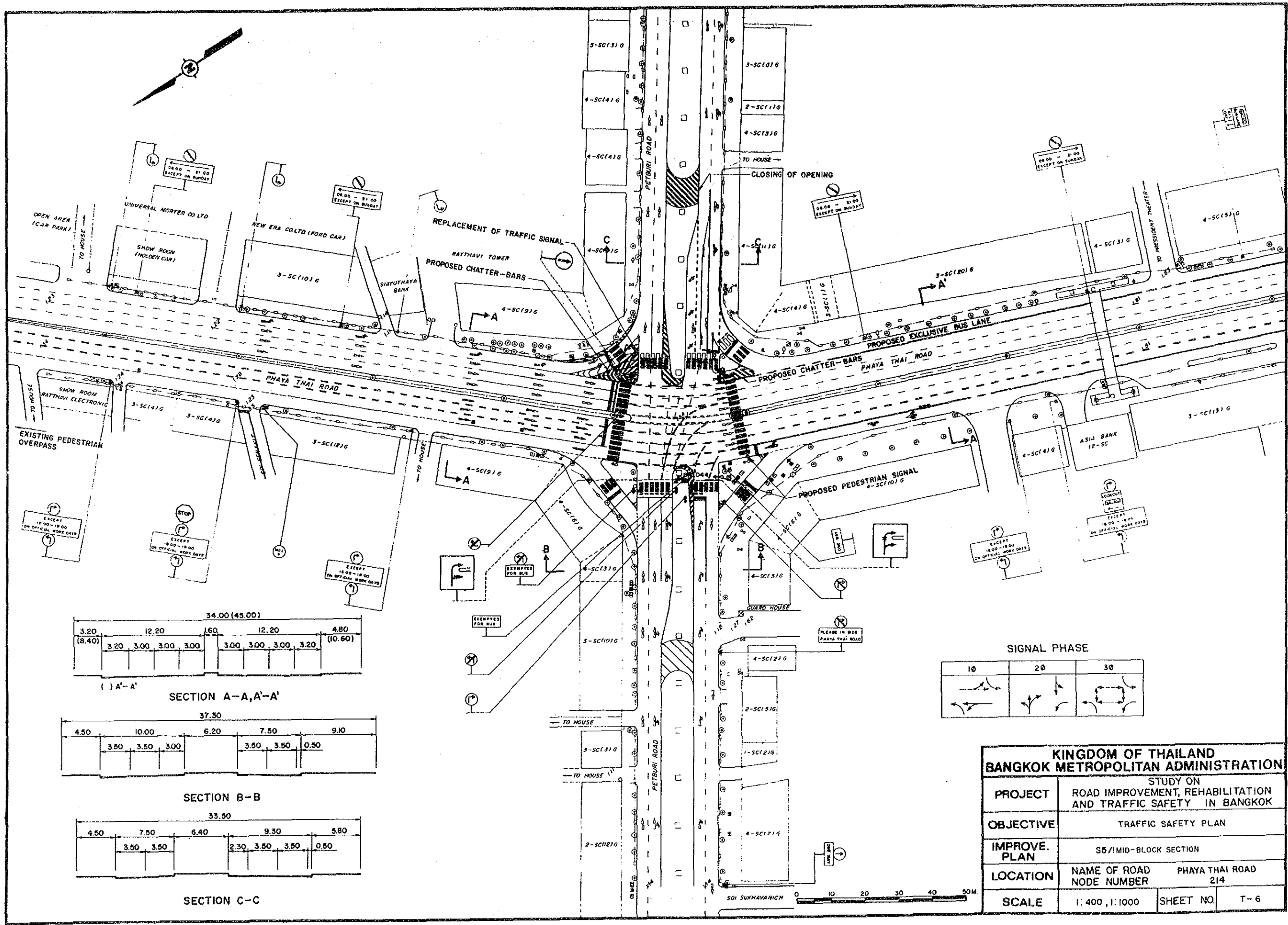
CROSS SECTION



SIGNAL PHASE

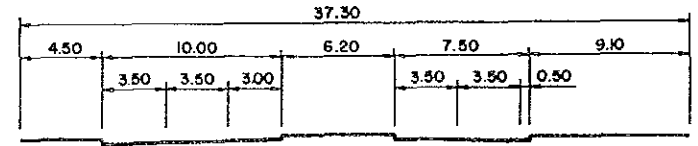


KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S4/MID-BLOCK SECTION		
LOCATION	NAME OF ROAD	SI AYUTTHAYA ROAD	
	NODE NUMBER	505-611	
SCALE	1:400, 1:2000	SHEET NO.	T-5

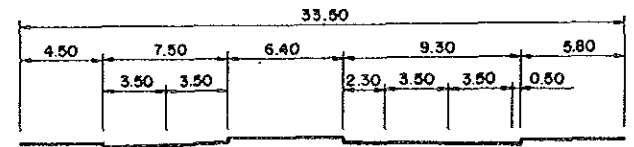


() A'-A'

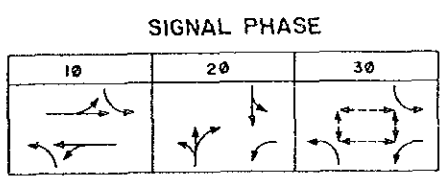
SECTION A-A, A'-A'



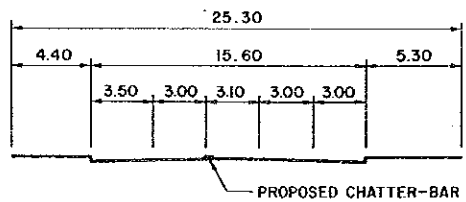
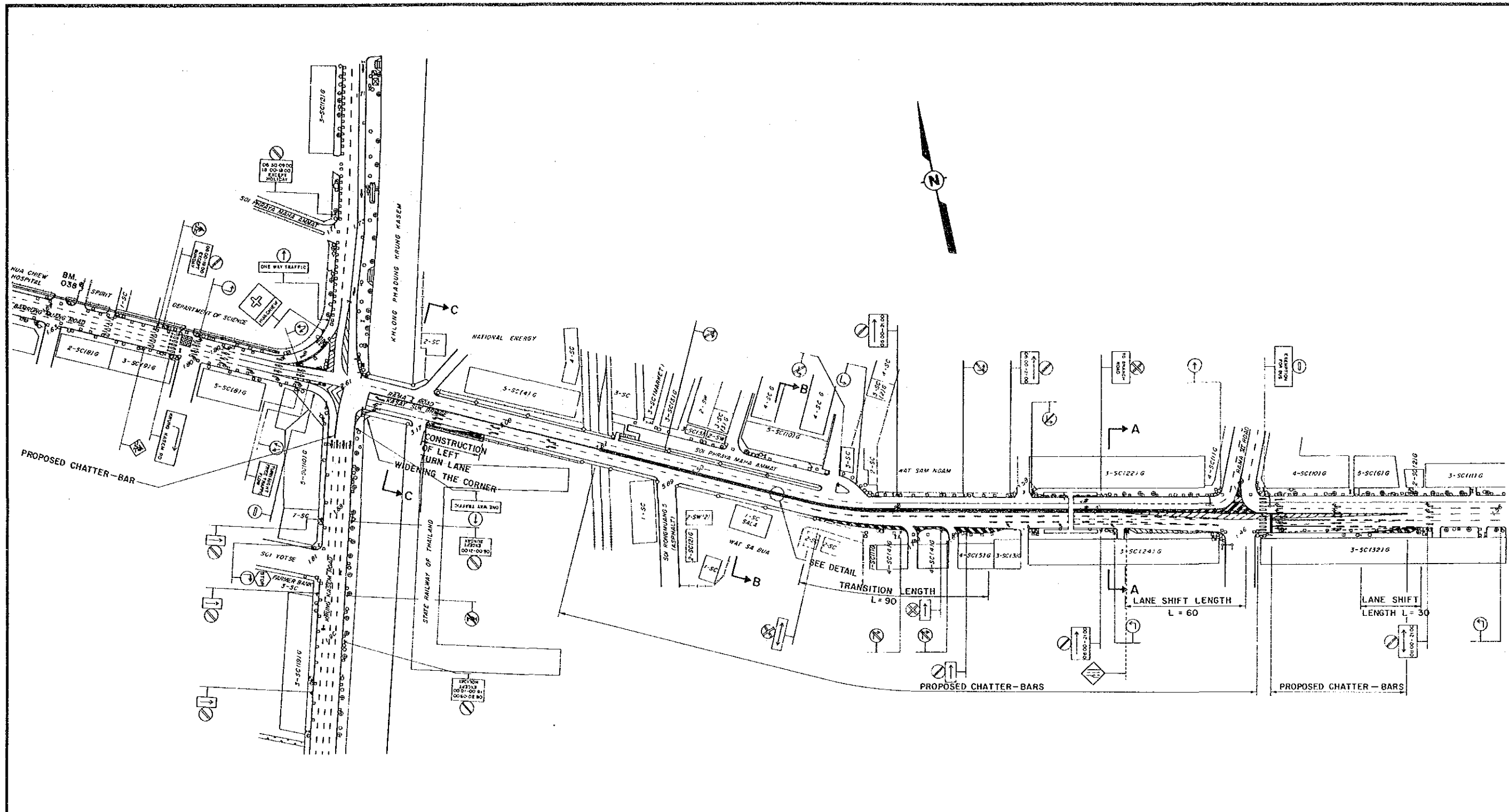
SECTION B-B



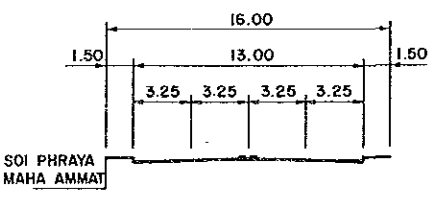
SECTION C-C



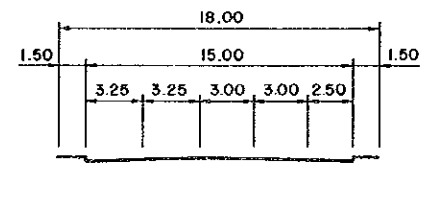
KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK			
PROJECT	ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S5/MID-BLOCK SECTION		
LOCATION	NAME OF ROAD NODE NUMBER	PHAYA THAI ROAD 214	
SCALE	1: 400, 1: 1000	SHEET NO.	T- 6



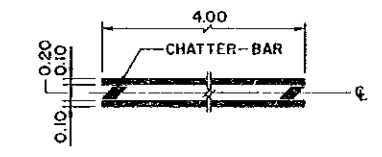
SECTION A-A



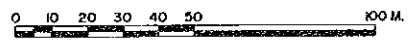
SECTION B-B



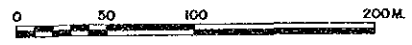
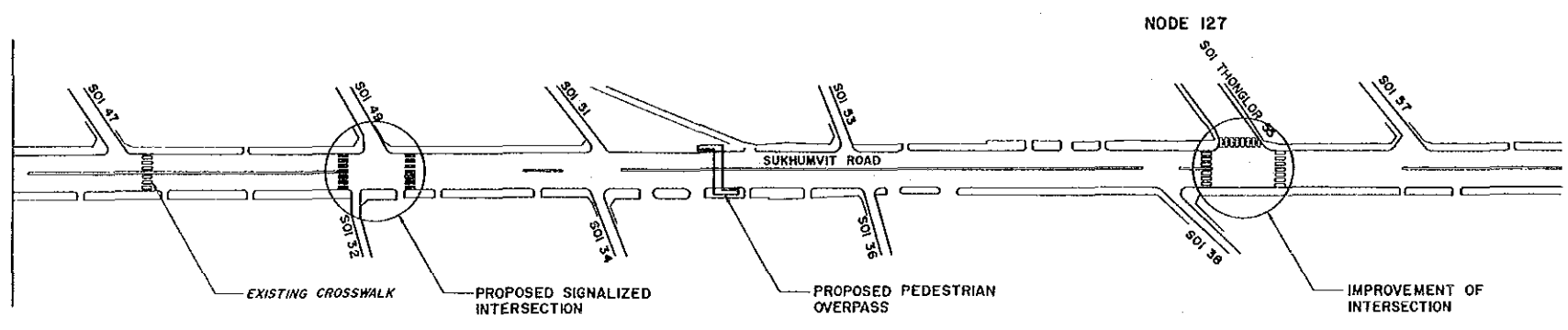
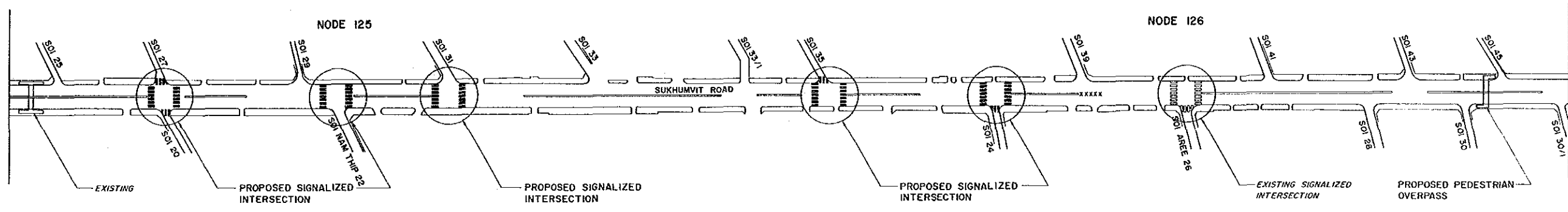
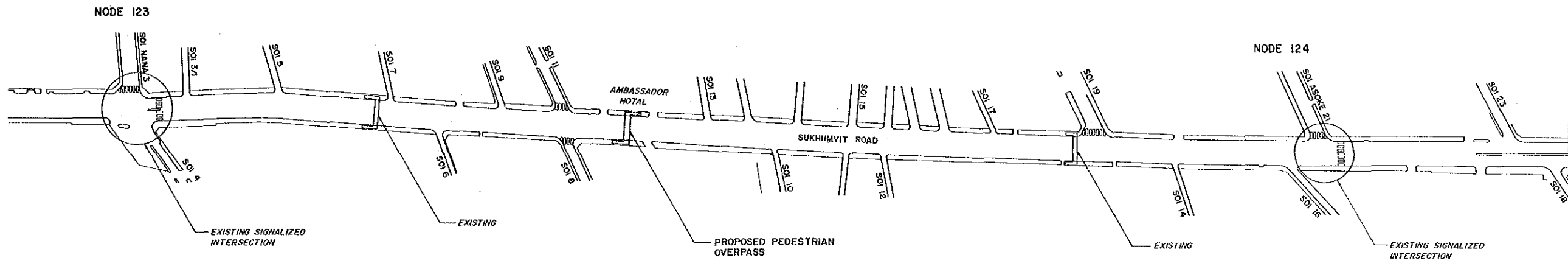
SECTION C-C



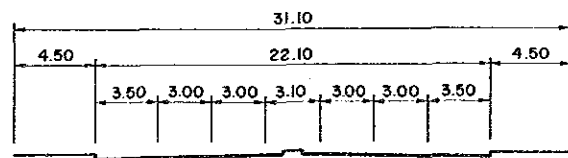
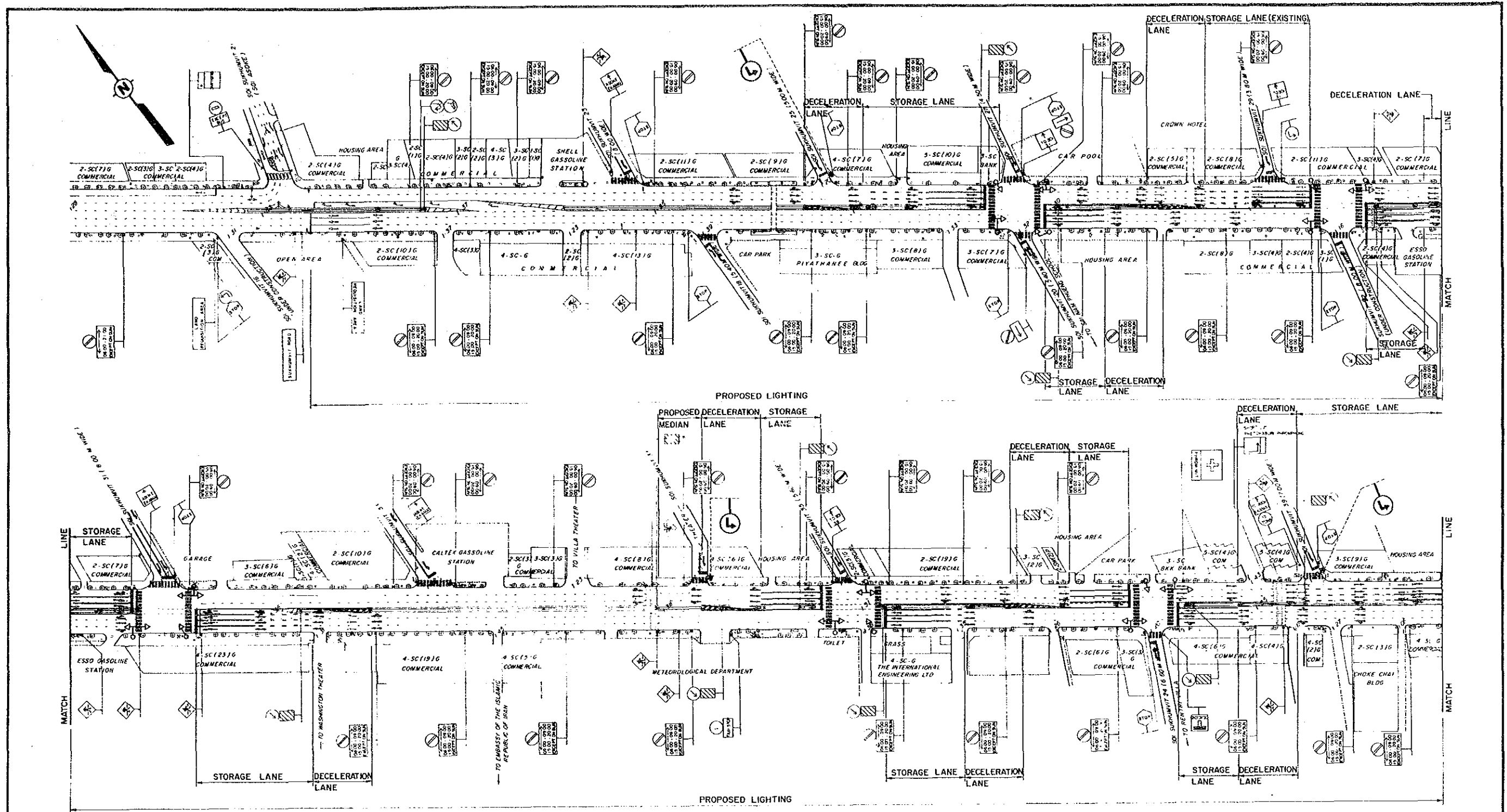
CHATTER-BAR ARRANGEMENT



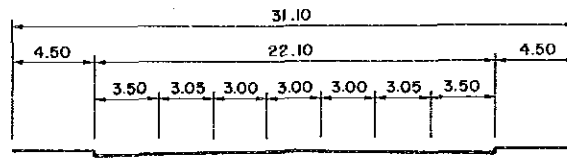
KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S6/MID-BLOCK SECTION		
LOCATION	NAME OF ROAD	RAMA I ROAD	
	NODE NUMBER	III - II3	
SCALE	1:400, 1:2000	SHEET NO.	T-7



KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S7(1)/OUTLINE OF SAFETY PLAN		
LOCATION	NAME OF ROAD	SUKHUMVIT ROAD	
	NODE NUMBER	123 - 127	
SCALE	1:4000	SHEET NO.	T-8

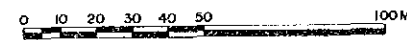


(AT ROADWAY SECTION)

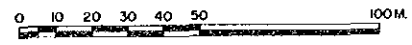
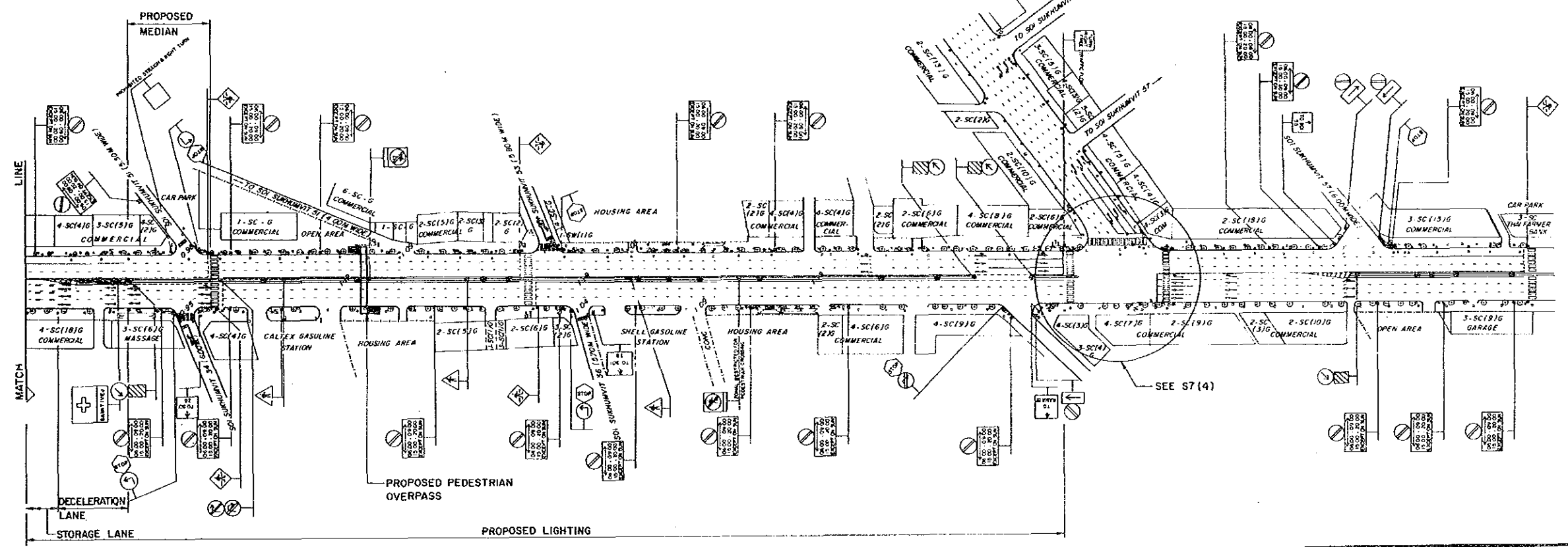
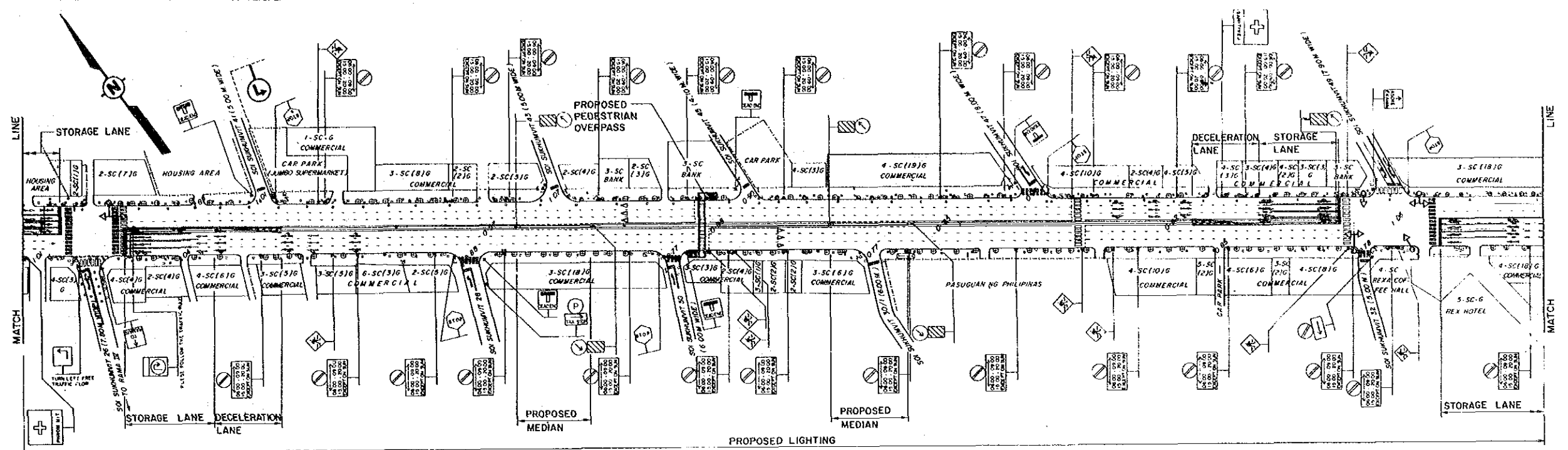


(AT INTERSECTION)

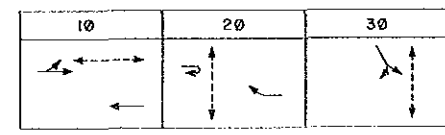
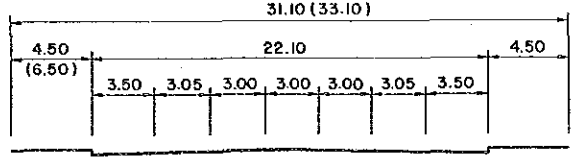
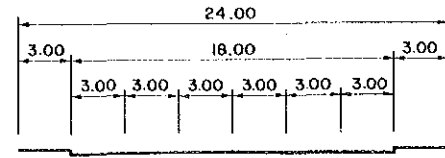
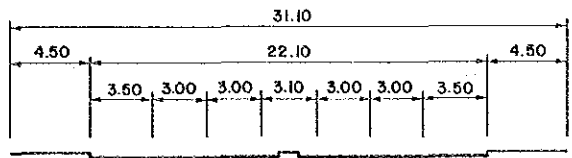
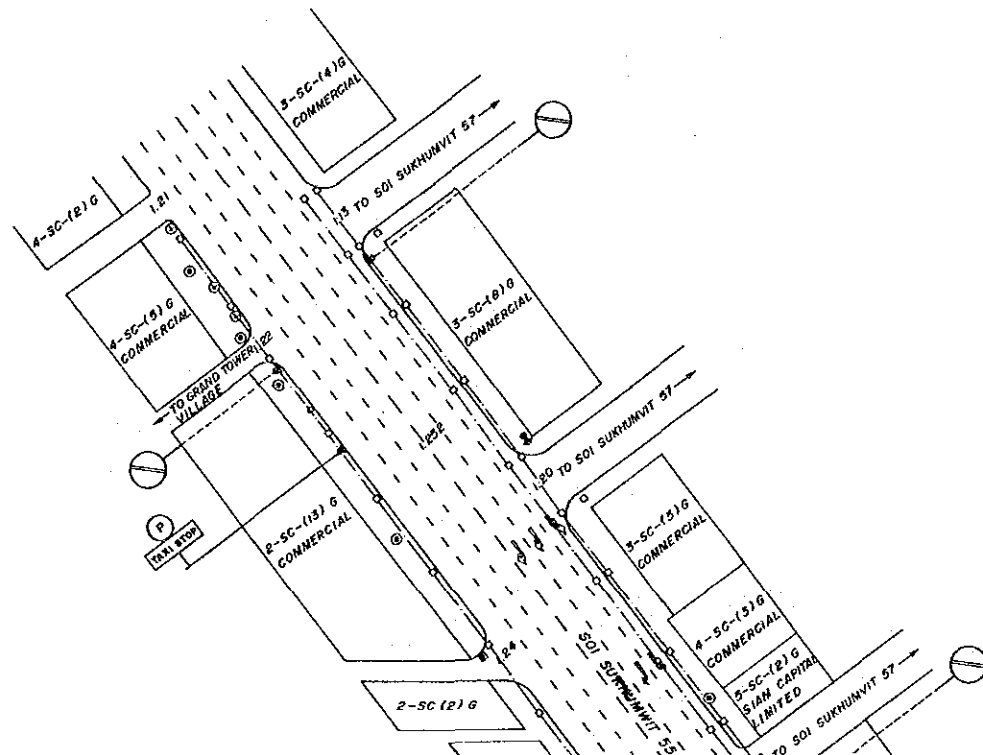
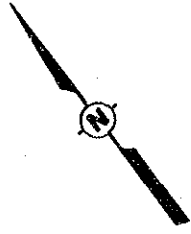
TYPICAL CROSS SECTION



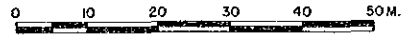
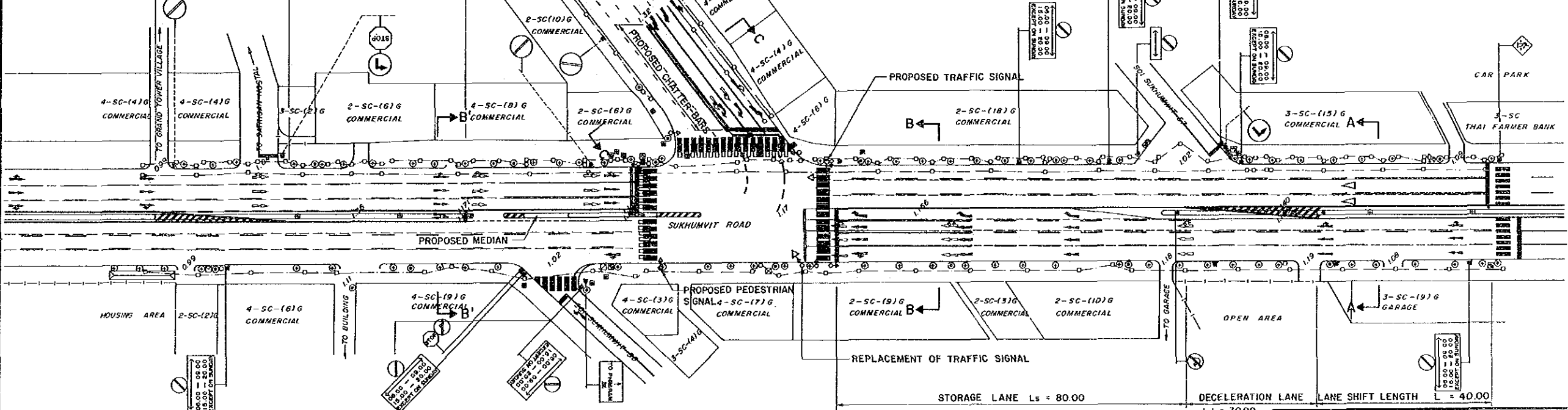
KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S7(2)/MID-BLOCK SECTION		
LOCATION	NAME OF ROAD	SUKHUMVIT ROAD	
	NODE NUMBER	124 - 127	
SCALE	1:400, 1:2000	SHEET NO.	T-9



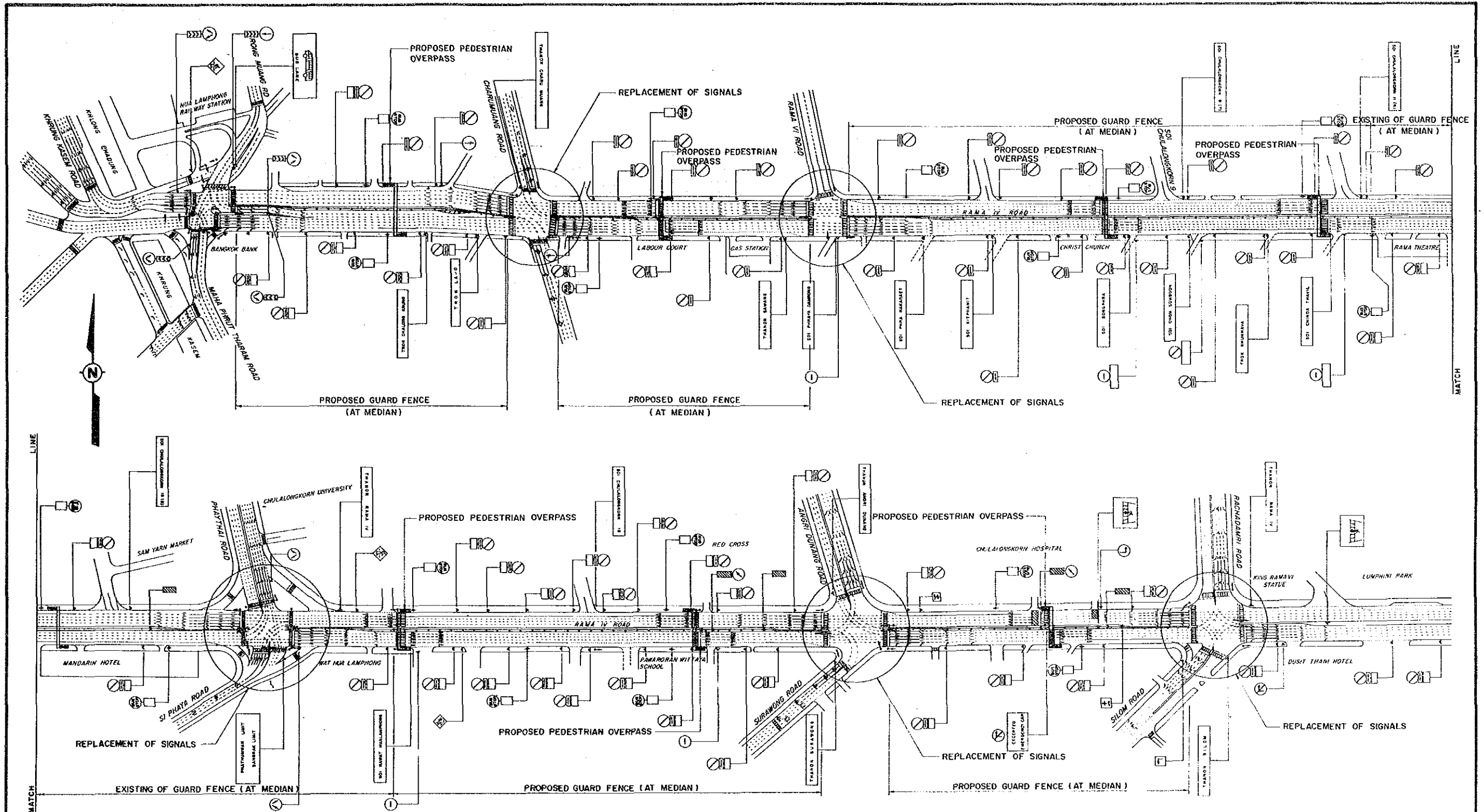
KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S7(3)/MID-BLOCK SECTION		
LOCATION	NAME OF ROAD	SUKHUMVIT ROAD	
	NODE NUMBER	124 - 127	
SCALE	1:2000	SHEET NO.	T-10

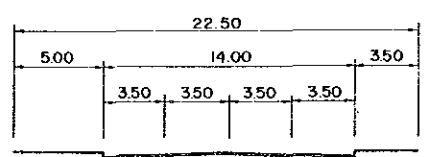
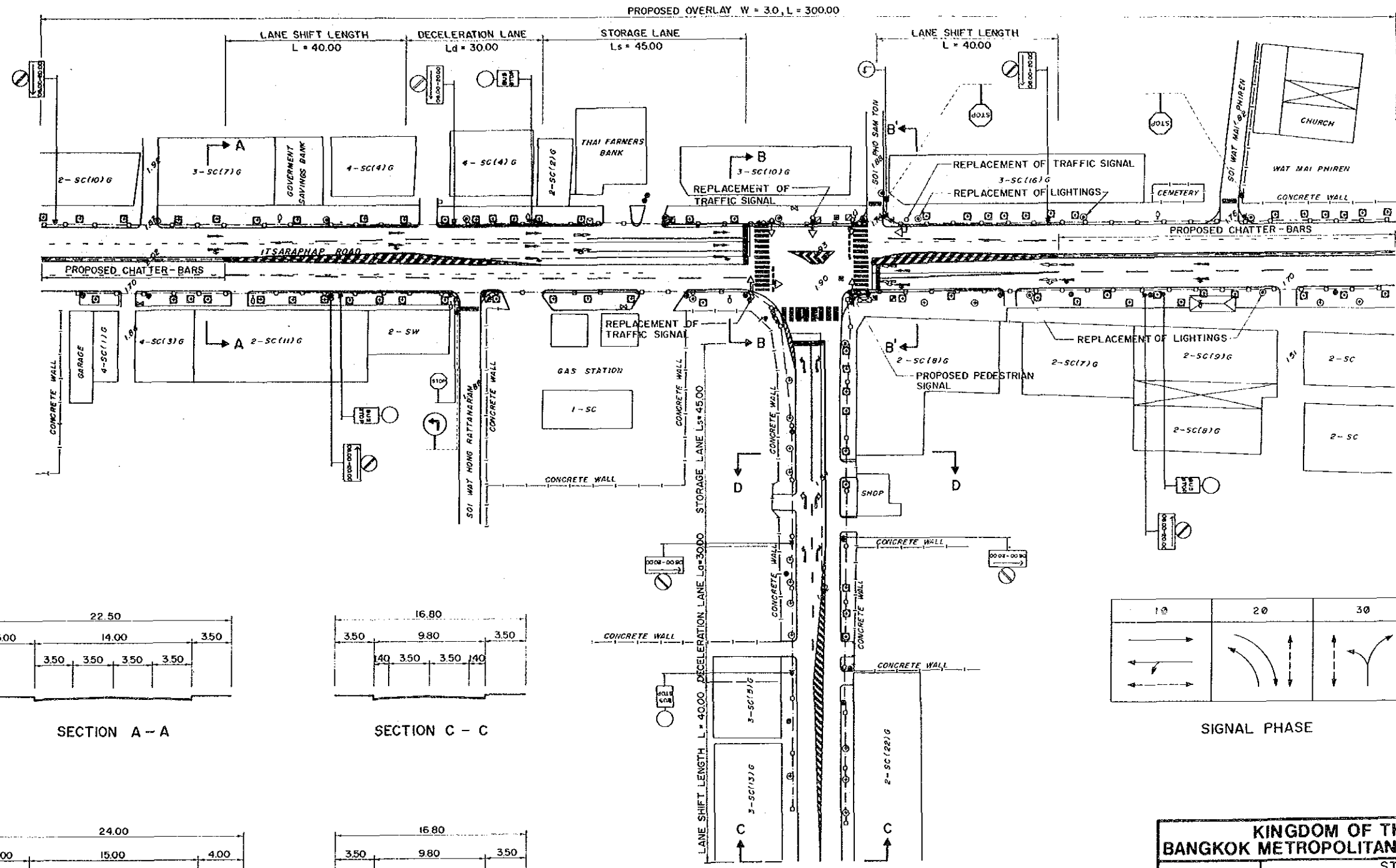
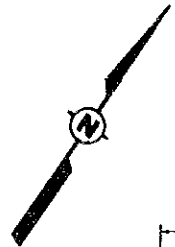


LANE SHIFT LENGTH L=40.00 DECELERATION LANE Ld = 30.00 STORAGE LANE Ls = 40.00

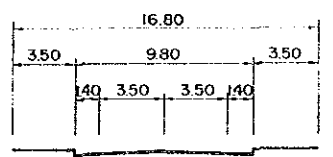


KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S7(4) / LARGE SIZE INTERSECTION		
LOCATION	NAME OF ROAD	SUKHUMVIT ROAD	
	NODE NUMBER	127	
SCALE	1:400, 1:1000	SHEET NO.	T-11

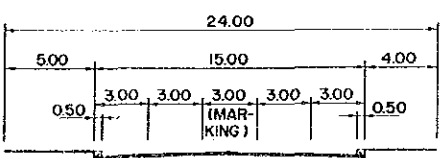




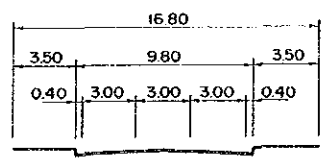
SECTION A - A



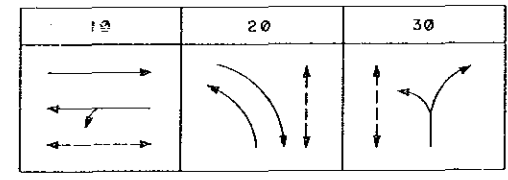
SECTION C - C



SECTION B - B, B' - B'



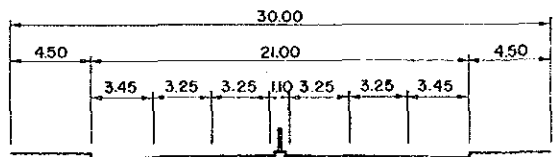
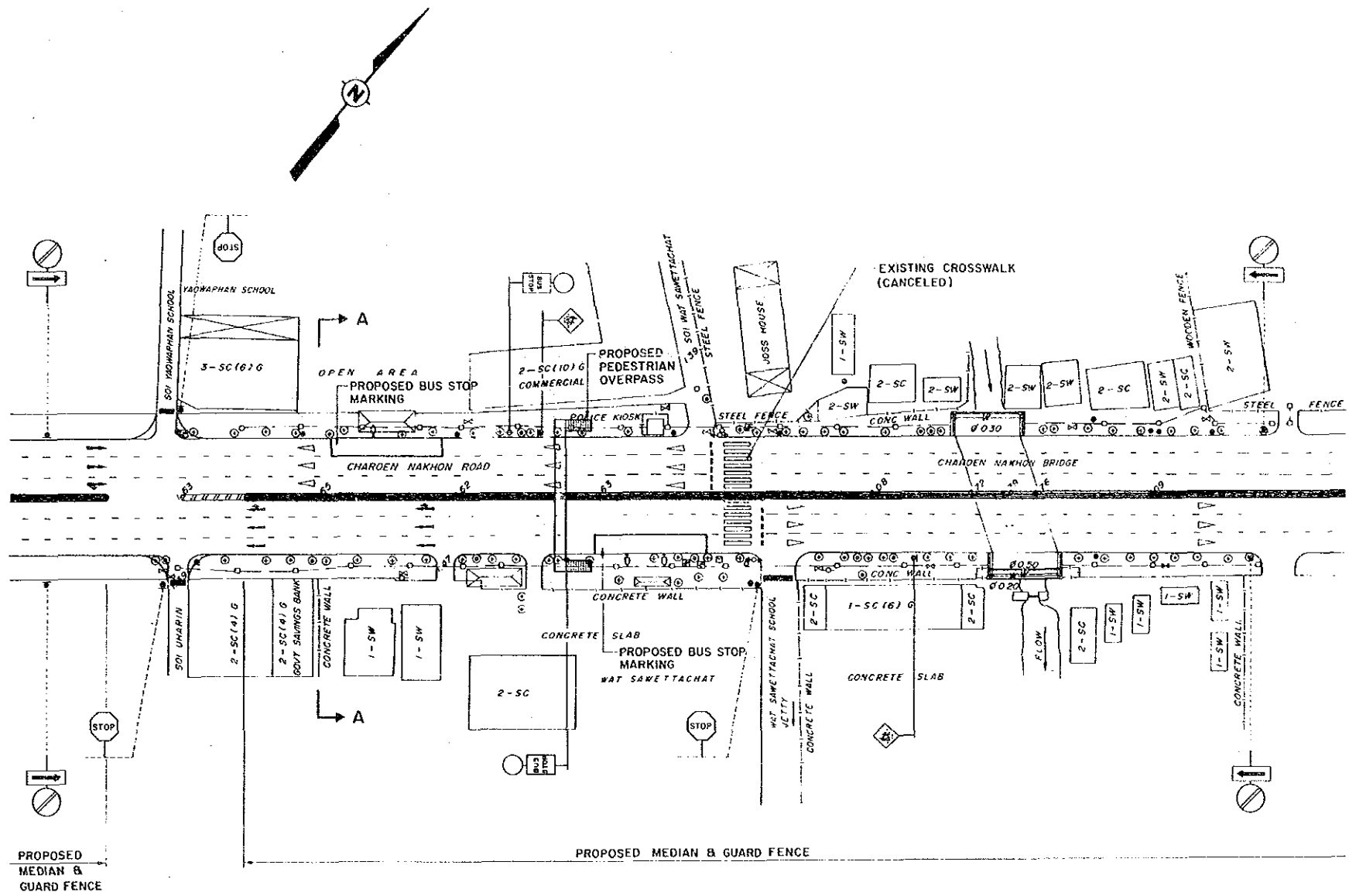
SECTION D - D



SIGNAL PHASE



KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK			
PROJECT	ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	S9/MEDIUM SIZE INTERSECTION MID-BLOCK SECTION		
LOCATION	NAME OF ROAD	ITSARAPHAP ROAD	
	NODE NUMBER	825	
SCALE	1:400, 1:1000	SHEET NO.	T-13



KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION			
PROJECT	STUDY ON ROAD IMPROVEMENT, REHABILITATION AND TRAFFIC SAFETY IN BANGKOK		
OBJECTIVE	TRAFFIC SAFETY PLAN		
IMPROVE. PLAN	SIO/MID-BLOCK SECTION		
LOCATION	NAME OF ROAD	CHAROEN NAKHON ROAD	
	NODE NUMBER	734-735	
SCALE	1:400, 1:1000	SHEET NO.	T-14

JICA