

2.2.3 OUTLINE DESIGN DRAWING

Contents of the facilities under outline design scheme are summarized in Table 2.2-4.

Table 2.2-4 Contents of the Facilities under Outline Design Scheme

Facilities	Specifications	Unit
Road Length	Chipembere Highway: Section-3 (2.75km), Section-4 (0.72km) Livingstone Avenue: Section-5 (0.89km)	km
Carriageway Pavement	Surface Course (Hot Asphalt Concrete) (t=50mm)	sq.m
	Base Course (Hot Asphalt Concrete) (t=50mm)	sq.m
	Upper Sub-base Course (Mechanical Stabilized Aggregate) (t=200mm~350mm)	sq.m
	Lower Sub-base Course (Crusher Run) (t=200mm~400mm)	sq.m
Sidewalk Pavement	Interlocking Block (t=60mm)	sq.m
	Sub-base Course (Mechanical Stabilized Aggregate) (t=100mm)	sq.m
Approach Road Pavement	Surface Course (Hot Asphalt Concrete) (t=30mm)	sq.m
	Sub-base Course (Mechanical Stabilized Aggregate) (t=100mm)	sq.m
Drainage	U-Shape Concrete Drain (Bottom Width = 535mm)	l.m
	V-Shape Concrete Drain (Bottom Width = 600mm)	l.m
	V-Shape Concrete Drain (Bottom Width = 300mm)	l.m
	Catch Pit	set
	RC pipe Culvert (Pre-cast, Inner Diameter = 600mm)	l.m
	RC Pipe Culvert (Cast-in-place, Inner Diameter = 600mm)	l.m
	RC Pipe Culvert (Pre-cast, Inner Diameter = 1,500mm)	l.m
Kerb Stone	Kerb Stone	l.m
	Verge Block	l.m
Traffic Sign	Warning & Regulatory Signs	set
Road Marking	Center Line (w=150mm), Shoulder Line (w=150mm), Pedestrian Crossing (w=450mm), Stop Line (w=450mm), etc.	l.m

Outline Design Drawings are presented from next page, and contents of the drawings are summarized in Table 2.2-5.

Table 2.2-5 Contents of the Outline Design Drawings

Title of the Drawings	Number of the Drawings
Location Map	G-1
Key Plan	G-2~8
Typical Cross Sections	G9~10
Plan	PL-1~7
Profile	PR-1~7
Cross Section	CS-1~20
Rubble Work	CM-1
Cross Drainage (Pipe Culvert)	CD-1~2
Drainage	DR-1~3
Kerb Stone, Median Barrier, Verge Block	M-1
Traffic Sign	M-2
Road Marking	M-3
Street Light	M-4
Hand Hall for Street Light	M-5
Access Way	AW-1

**THE PREPARATORY SURVEY
ON
THE PROJECT FOR THE IMPROVEMENT
OF
BLANTYRE CITY ROADS
IN
THE REPUBLIC OF MALAWI**

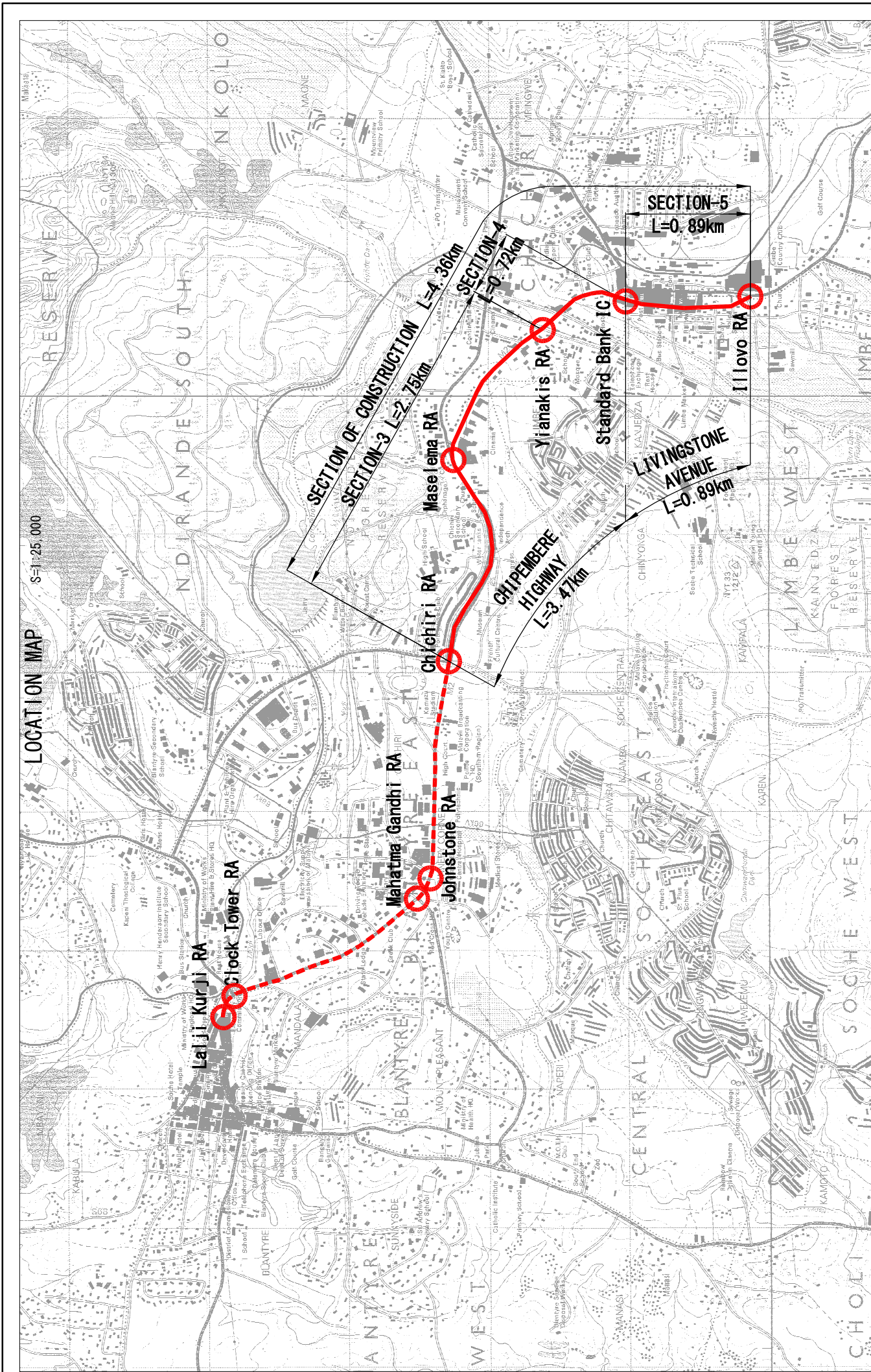
JANUARY 2010

DRAWINGS

JAPAN INTERNATIONAL COOPERATION AGENCY

CONTENTS OF DRAWINGS

1) LOCATION MAP	G - 1
2) KEY PLAN	G - 2 ~ 8
3) TYPICAL CROSS SECTIONS	G - 9 ~ 10
4) PLAN	PL - 1 ~ 7
5) PROFILE	PR - 1 ~ 7
6) CROSS SECTION	CS - 1 ~ 20
7) RUBBLE WORK	CM - 1
8) CROSS DRAINAGE (PIPE CULVERT)	CD - 1 ~ 2
9) DRAINAGE	DR - 1 ~ 3
10) KERB STONE , MEDIAN BARRIER , VERGE BLOCK	M - 1
11) TRAFFIC SIGN	M - 2
12) ROAD MARKING	M - 3
13) STREET LIGHT	M - 4
14) HAND HOLE FOR STREET LIGHT	M - 5
15) ACCESS WAY	AW - 1



BLANTYRE CITY ASSEMBLY THE REPUBLIC OF MALAWI	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	THE PREPARATORY SURVEY ON THE PROJECT FOR THE IMPROVEMENT OF BLANTYRE CITY ROADS IN THE REPUBLIC OF MALAWI	TITLE:	6 - 1
			LOCATION MAP	SCALE
			DATE	\$-1:25,000