

【添付資料－9】 概略設計図面

PREPARATORY SURVEY
FOR
THE PROJECT FOR THE REHABILITATION
OF
KIZILKALA – BOKHTAR SECTION OF
DUSHANBE – BOKHTAR ROAD

OUTLINE DESIGN DRAWINGS

February 2019

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

CTI ENGINEERING INTERNATIONAL CO., LTD.

DRAWING LIST

[illegible]

NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL	NO. of Sheets
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PLAN(1)



Pedestrian Guardrail L=1042.00

Pedestrian Guardrail L=41.60

Edge Block L=1042.00

Catch Basin N=40

L-type Gutter TYPE-1 L=1010.00

Reflective Road Stud N=96 (dc=10.0m)

Kent Stone L=678.00

Reflective Road Stud N=68 (dc=10.0m)

Edge Block L=37.30

Catch Basin N=1

L-type Gutter TYPE-2 L=41.60

L-type Gutter TYPE-2 L=63.00

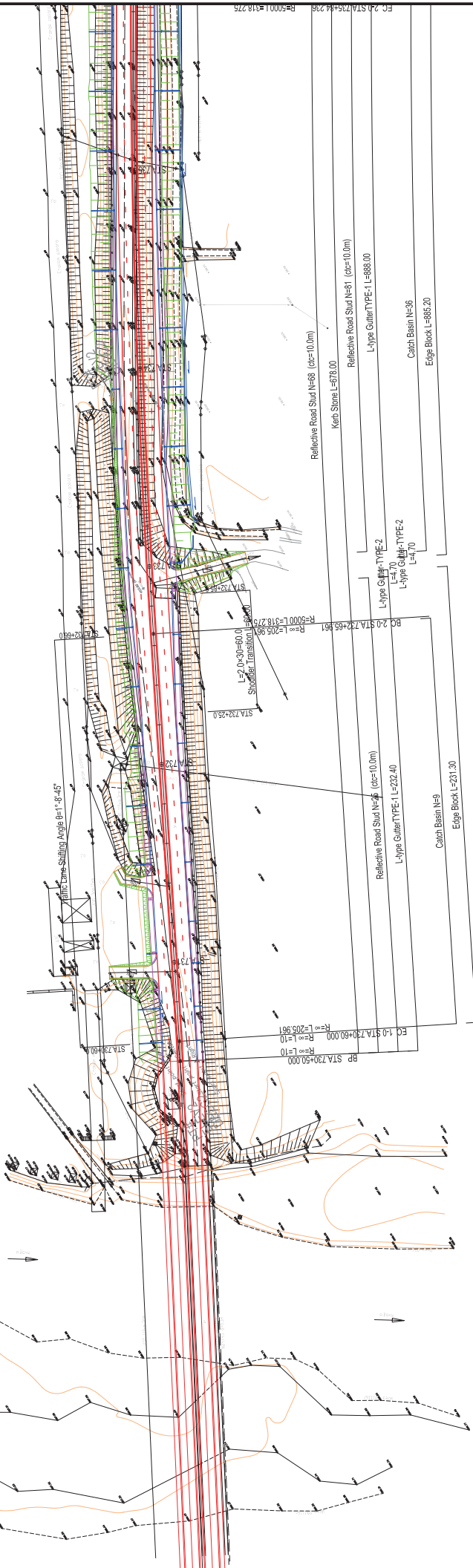
L-type Gutter TYPE-2 L=63.00

L-type Gutter TYPE-2 L=27.80

Reflective Road Stud N=4 (dc=10.0m)

Reflective Road Stud N=5 (dc=10.0m)

Right Time Shifting Angle $\theta = 1^{\circ} 8' 45''$



Pedestrian Guardrail L=316.30

U-Ditch-B680-H400 L=862.80

Reflective Road Stud N=68 (dc=10.0m)

Kent Stone L=678.00

Reflective Road Stud N=91 (dc=10.0m)

L-type Gutter TYPE-1 L=688.00

Catch Basin N=36

Edge Block L=865.20

L-type Gutter TYPE-2 L=4.70

L-type Gutter TYPE-2 L=4.70

Catch Basin N=9

Edge Block L=231.30

Reflective Road Stud N=2 (dc=10.0m)

L-type Gutter TYPE-1 L=232.40

BP STA 730+50.000

R=100 L=10

R=100 L=10

R=100 L=10

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NOTE: ALL DIMENSIONS ARE IN METER, UNLESS OTHERWISE MENTIONED.

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PLAN (1)		CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PL-01	SHEET NO. 1/13

PLAN (2)

U-Ditch-6680-4400 L=70.30
Pedestrian Guardrail L=39.50
Catch Basin B500-L500-H400
U-Ditch with Cover B300-H400
Edge Block L=7.80
Catch Basin N=2
L-type Gutter-TYPE-2 L=10.00
L-type Gutter-TYPE-1 L=5.00
Kerb Stone L=82.00
Reflective Road Stud N=38 (dist=10.0m)
Traffic Lane Shifting L=20.00 (Transition W=38.0m~26.5m)
SMT Taper L=20.00
U-Turn Lane TYPE-1 L=394.00
Storage Lane L=60.00
U-Turn Lane L=10.00
Reflective Road Stud N=31 (dist=10.0m)
Kerb Stone L=678.00
Reflective Road Stud N=8 (dist=10.0m)
Kerb Stone L=678.00
L-type Gutter-TYPE-1 L=268.00
Catch Basin N=36
Edge Block L=85.20
Pedestrian Guardrail L=516.30
U-Ditch-6680-4400 L=82.60
Concrete Curb (B680) N=6

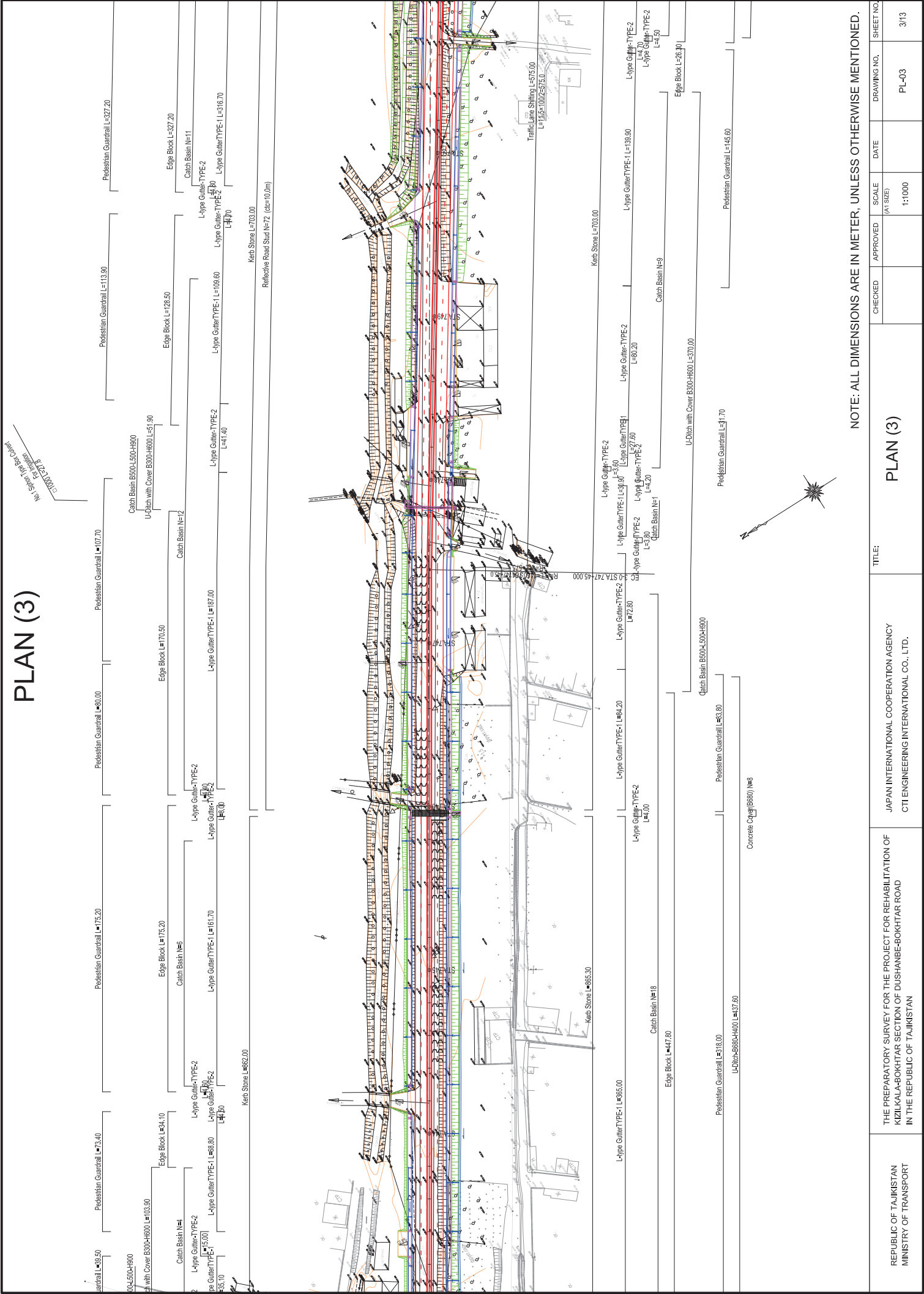
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R=5000.1 L=318.275
STA:737+5.0
STA:737+20.0
STA:737+40.0
STA:737+60.0
STA:737+75.0
Taper
Shoulder Widening
Taper
Reflective Road Stud N=8 (dist=10.0m)
Kerb Stone L=678.00
Reflective Road Stud N=31 (dist=10.0m)
L-type Gutter-TYPE-1 L=268.00
Catch Basin N=36
Edge Block L=85.20
U-Ditch with Cover B300-H400 L=39.40
Catch Basin B500-L500-H400
Pedestrian Guardrail L=56.80
U-Ditch-6680-4400 L=37.80
Concrete Curb (B680) N=6

NOTE: ALL DIMENSIONS ARE IN METER, UNLESS OTHERWISE MENTIONED.

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	TITLE:	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	PLAN (2)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO.	SHEET NO.
								PL-02	2/13

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE:		PLAN (2)	CHECKED	APPROVED	SCALE	DATE	DRAWING NO.	SHEET NO.
			(A3 SIZE)	1:1000				PL-02	2/13		

PLAN (3)



NOTE: ALL DIMENSIONS ARE IN METER, UNLESS OTHERWISE MENTIONED.

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE:		PLAN (3)		CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO.	SHEET NO.
											PL-03	3/13

PLAN (4)

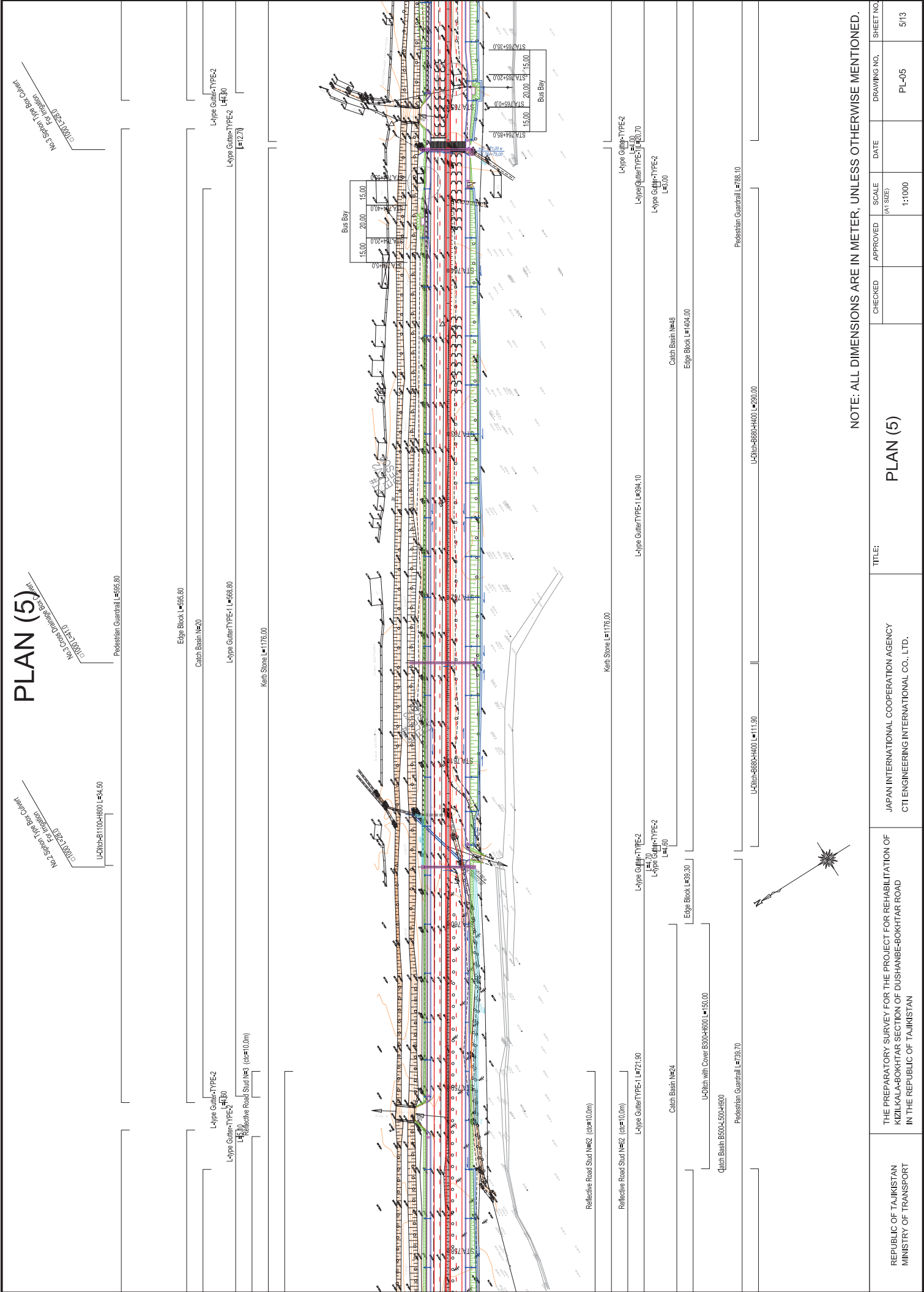


No. 2 Cross Drainage Box Culvert
1000 L=39.0

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NOTE: ALL DIMENSIONS ARE IN METER, UNLESS OTHERWISE MENTIONED.

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PLAN (4)		CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PL-04	SHEET NO. 4/13
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□ 10000 L=37.0
No.4 Cross Drainage Box Culvert



REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PLAN (6)				SHEET NO.	SHEET NO.
			CHECKED	APPROVED	SCALE (AT 1:1000)	DATE	DRAWING NO.	6/13

PLAN (7)

NOTE: ALL DIMENSIONS ARE IN METER, UNLESS OTHERWISE MENTIONED.

TITLE: PLAN (7)

THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN

JAPAN INTERNATIONAL COOPERATION AGENCY
CTI ENGINEERING INTERNATIONAL CO., LTD.

REPUBLIC OF TAJIKISTAN
MINISTRY OF TRANSPORT

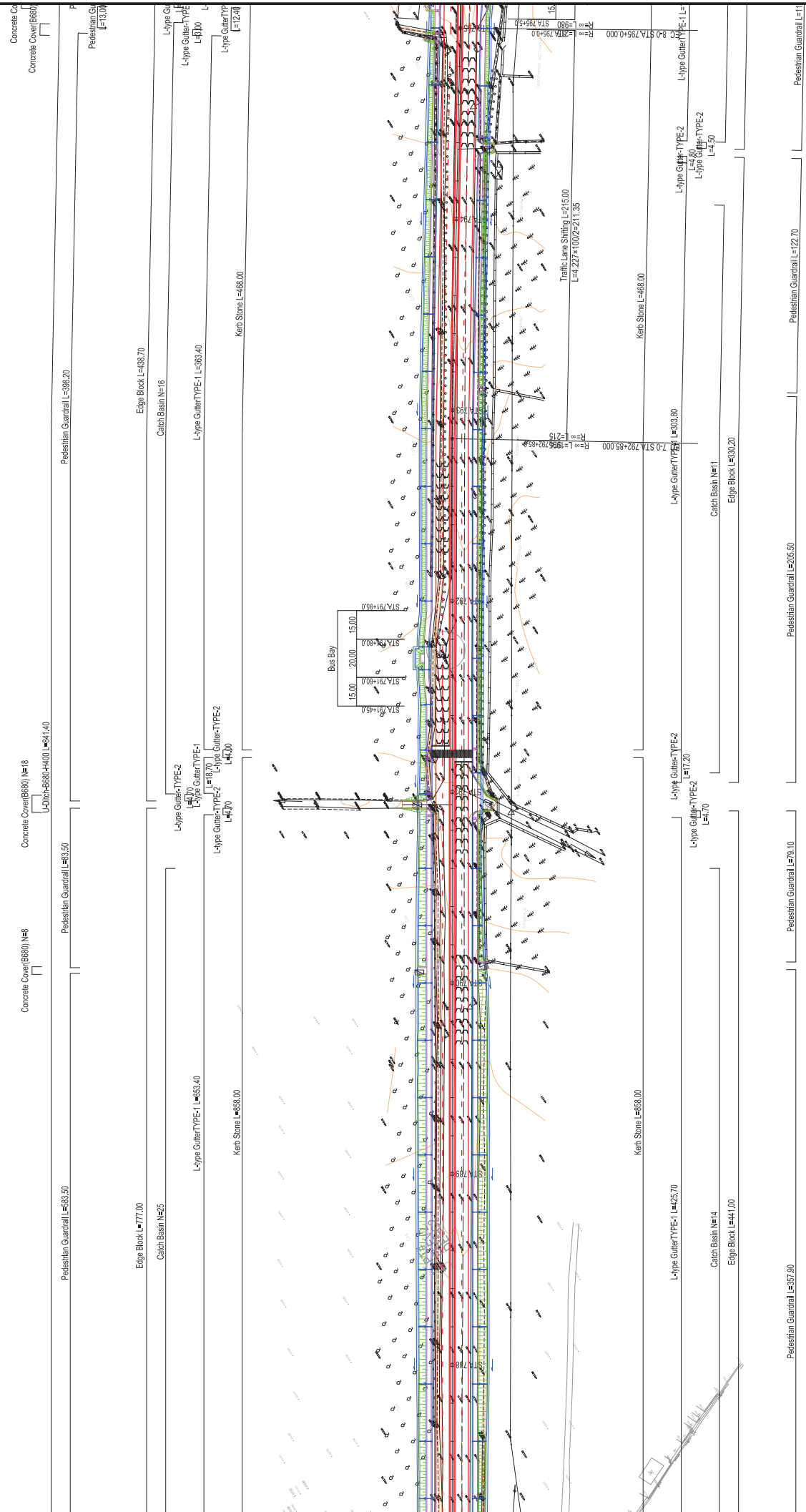
CHECKED: **APPROVED:** **SCALE:** 1:1000 **DATE:** **DRAWING NO.:** PL-07 **SHEET NO.:** 7/13

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PLAN (7)		CHECKED	APPROVED	SCALE (AT SIZE) 1:1000	DATE	DRAWING NO. PL-07	SHEET NO. 7/13
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REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PLAN (8)					
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					1:1000		PL-08	8/13

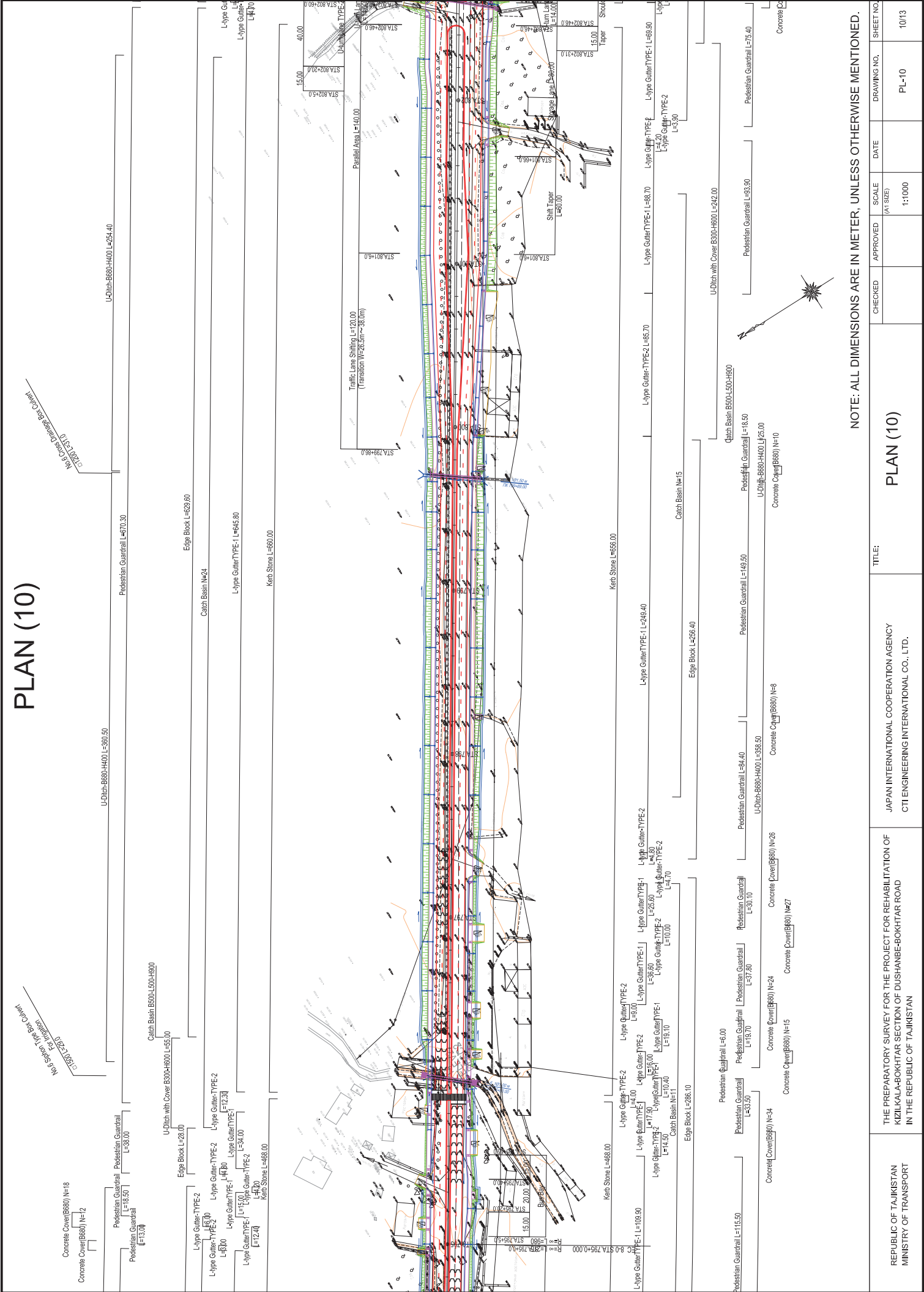
PLAN (9)



NOTE: ALL DIMENSIONS ARE IN METER, UNLESS OTHERWISE MENTIONED.

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PLAN (9)	CHECKED	APPROVED	SCALE (A1 SIZE) 1:1000	DATE	DRAWING NO. PL-09	SHEET NO. 9/13
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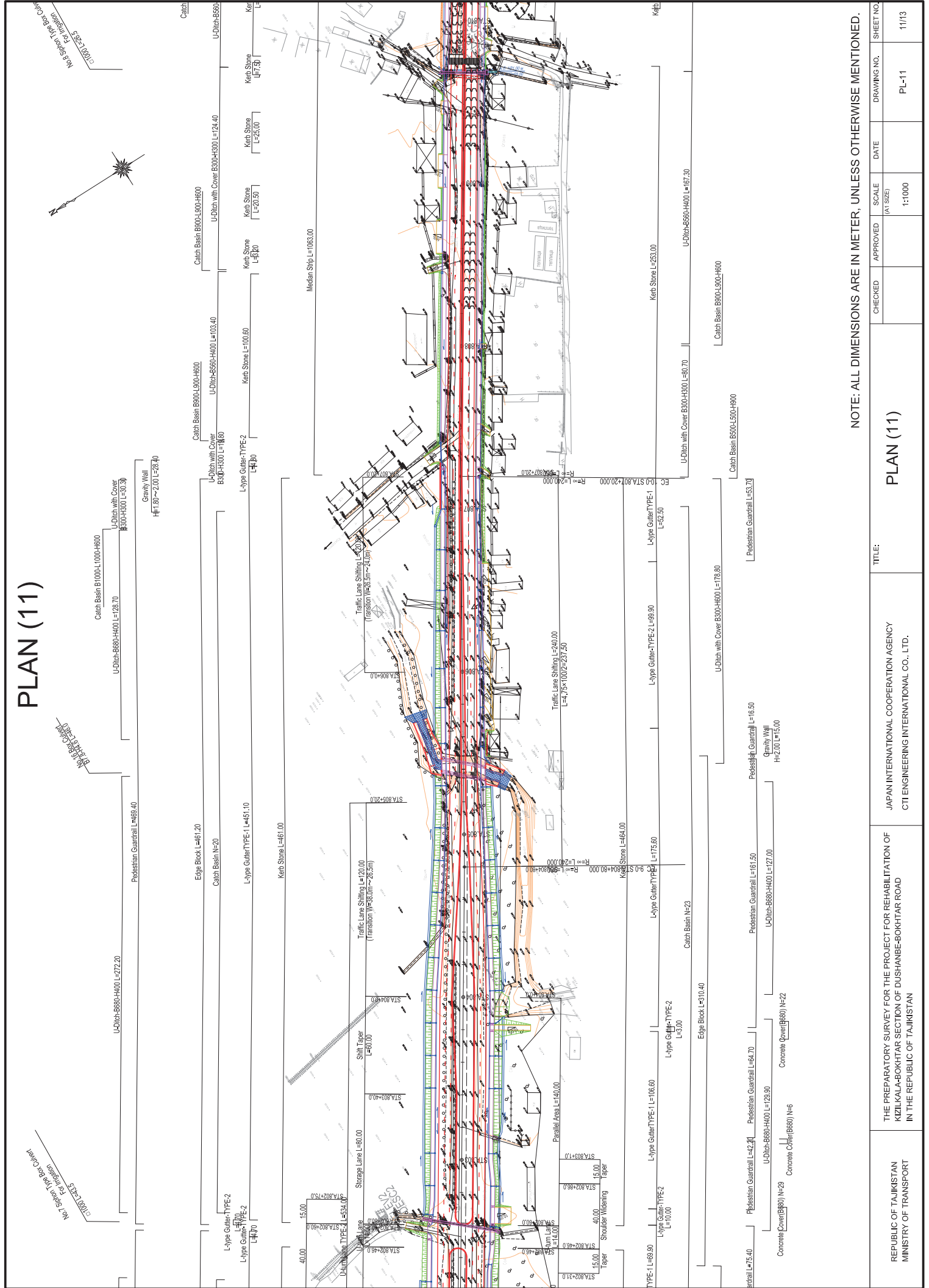
PLAN (10)



NOTE: ALL DIMENSIONS ARE IN METER, UNLESS OTHERWISE MENTIONED.

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	TITLE: PLAN (10)	CHECKED	APPROVED	SCALE (A1 SIZE)	DATE	DRAWING NO.	SHEET NO.
					1:1000		PL-10	10/13

PLAN (11)



NOTE: ALL DIMENSIONS ARE IN METER, UNLESS OTHERWISE MENTIONED.

REPUBLIC OF TAJIKISTAN MINISTRY OF TRANSPORT	THE PREPARATORY SURVEY FOR THE PROJECT FOR REHABILITATION OF KIZILKALA-BOKHTAR SECTION OF DUSHANBE-BOKHTAR ROAD IN THE REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD.	TITLE: PLAN (1:1)		CHECKED	APPROVED	SCALE (AT SIZE) 1:1000	DATE	DRAWING NO. PL-11	SHEET NO. 11/13
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