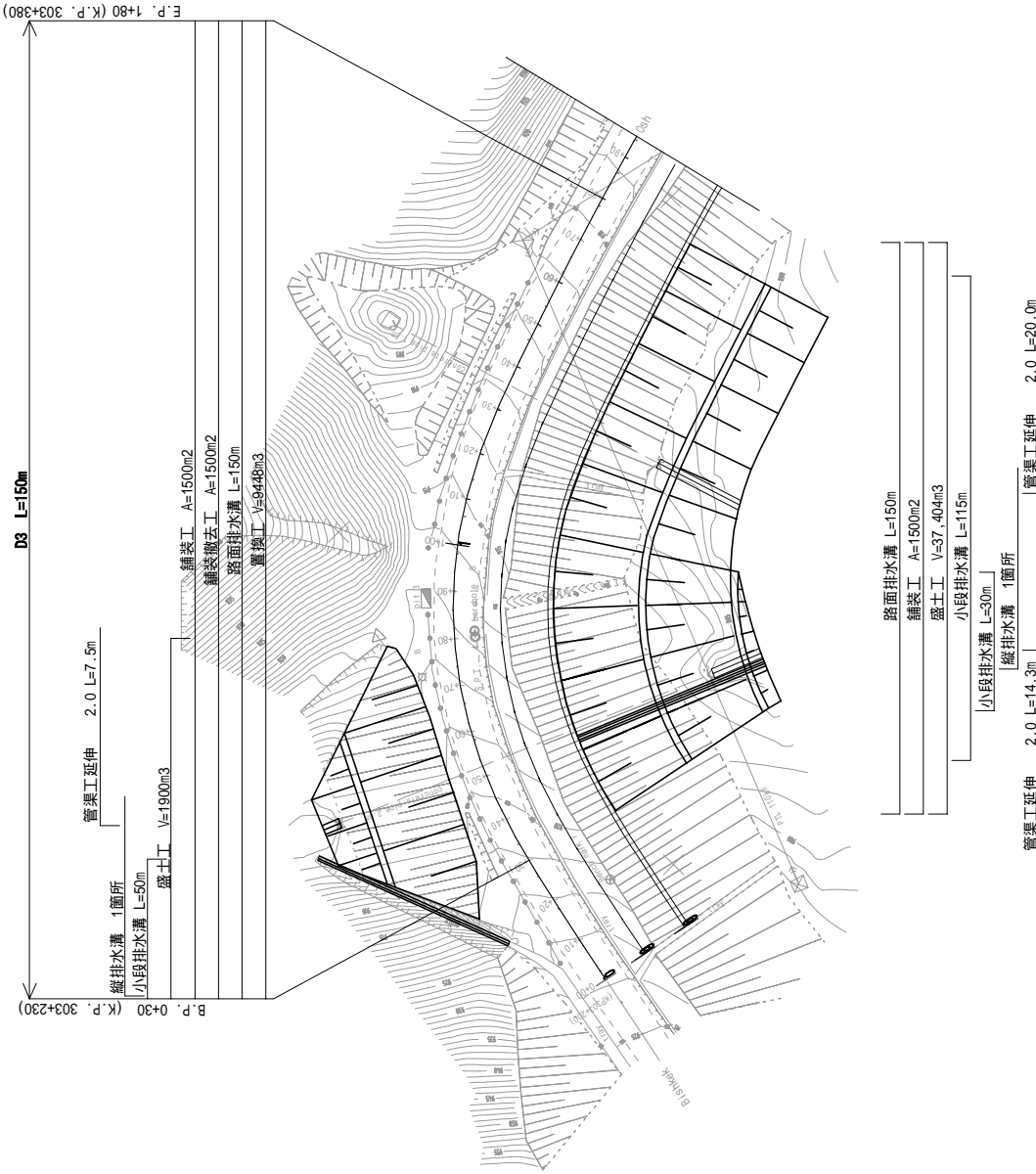


1-3. 詳細調査個所の補修計画、数量表

D3 (K:P 303+230 - K:P 303+380 L=150m)

補修施工図 平面図 縮尺 1: 1000



REVISIONS		Description	Drawing No.	Sheet No.
No.	Date			

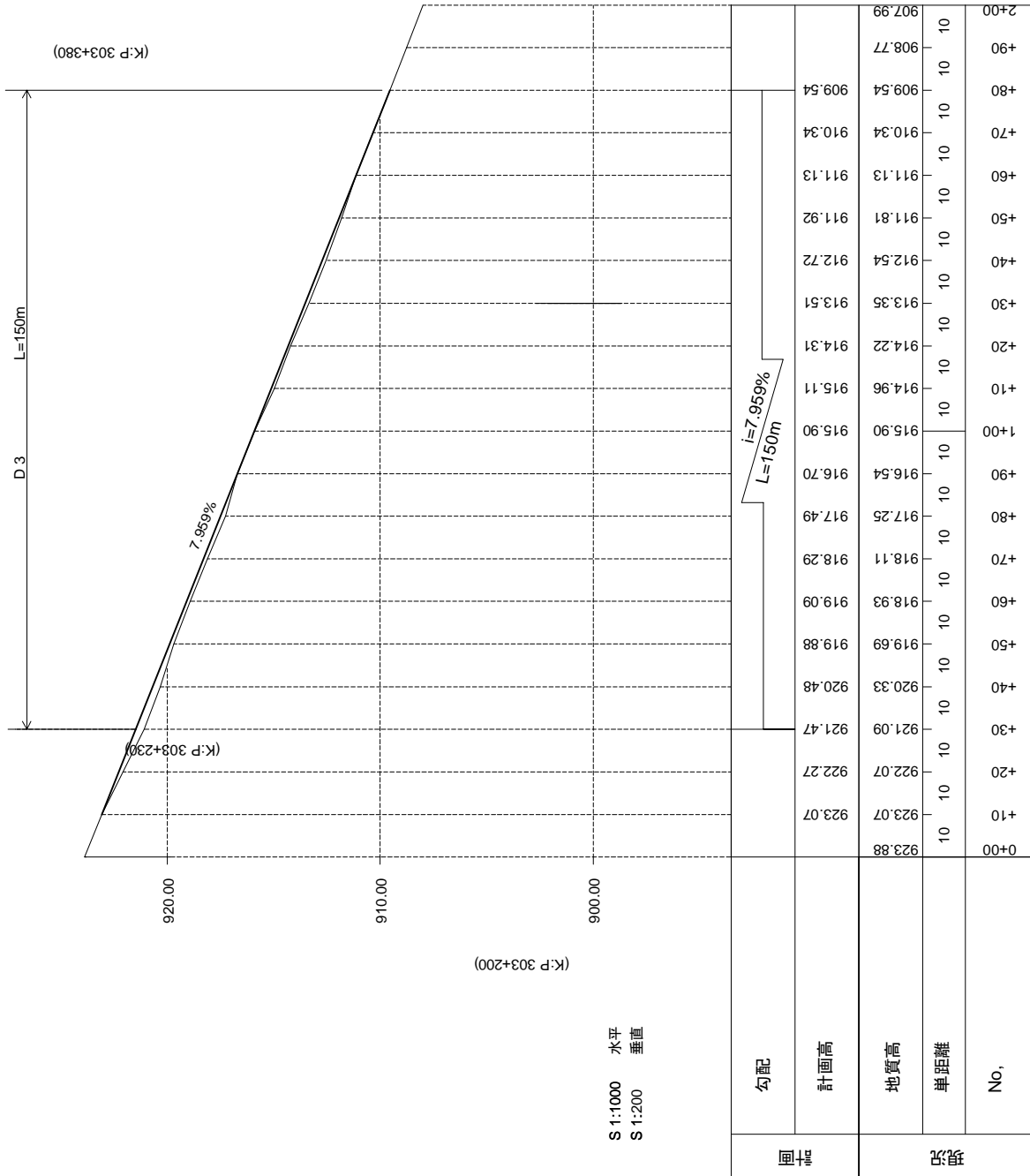
Ministry of Transport and Communication (MOTC) 42, Tsarong, Sheikh Mujib Road, Dhaka, The People's Republic of Bangladesh	 KATAHARA & ERDI INTERNATIONAL	TITLE : Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SNPS) in Kyrgyz	Approved by : Checked by : Designated by :
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管渠工延伸 2.0 L=14.3m	管渠工延伸 2.0 L=20.0m
縦排水溝 1箇所	

路面排水溝 L=150m	舗装工 A=1500m²	盛土工 V=37,404m³	小段排水溝 L=115m
小段排水溝 L=30m	縦排水溝 1箇所		

D 3 (K.P. 303+230- K.P. 303+380 L=150m)

補修施工図 縦断面



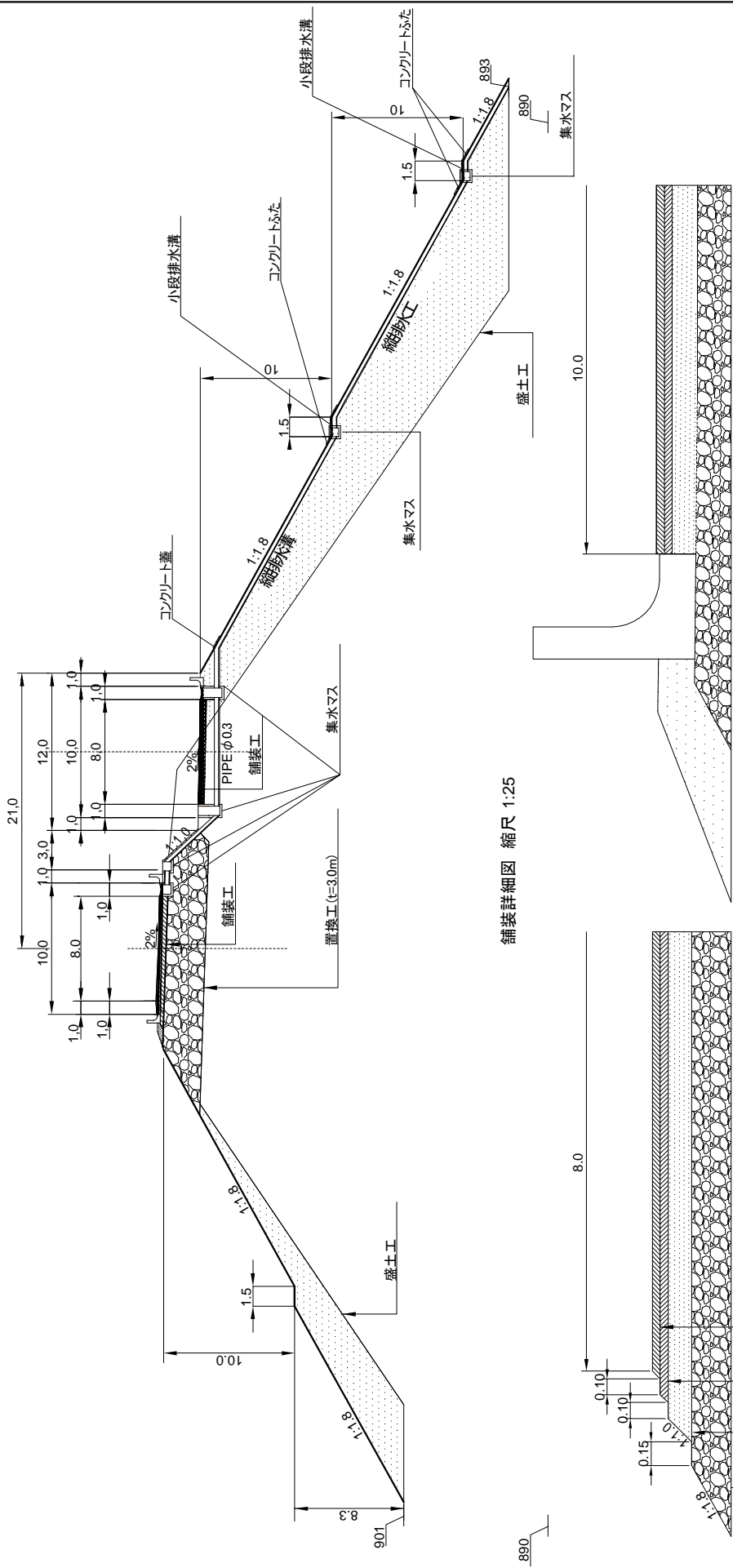
S 1:1000 水平
S 1:200 垂直

図	勾配	計画高	地質高	単距離	No.
		923.07	923.88	10	+10
		922.27	921.09	10	+20
		921.47	920.48	10	+30
		919.88	919.69	10	+40
		919.09	918.93	10	+50
		918.29	918.11	10	+60
		917.49	917.25	10	+70
		916.70	916.54	10	+80
		915.90	915.90	10	+90
		915.11	914.96	10	+100
		914.31	914.22	10	+110
		913.51	913.35	10	+120
		912.72	912.54	10	+130
		911.92	911.81	10	+140
		911.13	911.13	10	+150
		910.34	910.34	10	+160
		909.54	909.54	10	+170
		908.77	908.77	10	+180
		907.99	907.99	10	+190

No.	REVISIONS			Ministry of Transport and Civil Aviation (MOTC) 42 Bure Str Bishkek, Kyrgyz Republic		Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz	TITLE:	Approved by:	Date:	Drawing No.	Sheet No.
	Date	Description						Checked by:	Date:	Scale:	Designed by:

D3 補修施工図 標準横断面

縮尺 1:300



舗装詳細図 縮尺 1:25

REVISIONS		TITLE:		Approved By:		Drawing No.:		Sheet No.:	
No.	Date	Description	Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz		General Manager	Date	Scale:	Date	AUG. 2012



Ministry of Transport and Communications (MOTC)
42 Buncur Str Bishkek, Kyrgyz Republic



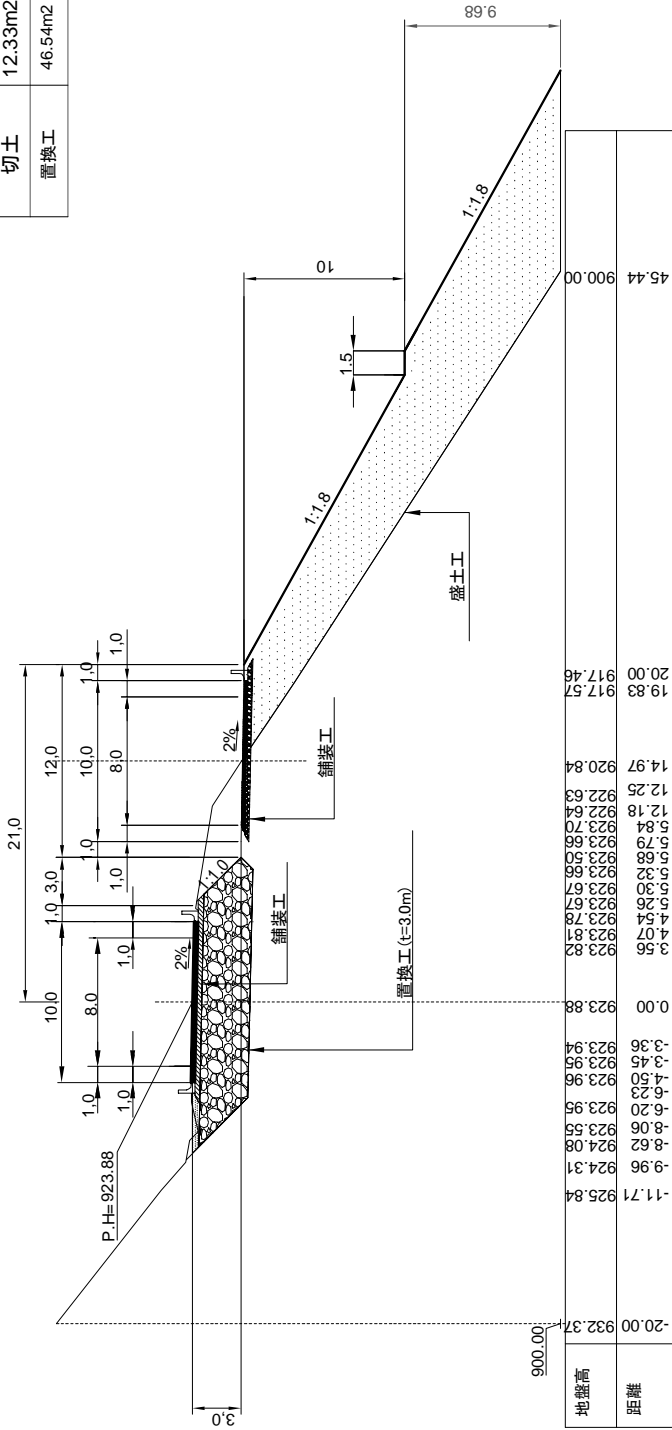
Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

Checked By: _____
Designed By: _____

D 3 補修施工図 横断面

縮尺 1:300
0+00.00

0+00 (R)	
盛土	179.22m ²
切土	12.33m ²
置換工	46.54m ²



地盤高	-20.00	932.37	-11.71	928.84	-9.66	924.31	-8.62	924.08	-8.06	923.55	-6.20	923.95	-4.50	923.96	-3.45	923.95	-3.36	923.94	0.00	923.88	14.97	920.84	19.83	917.57	20.00	917.46	45.44	900.00
距離																												

REVISIONS	
No.	Date



Ministry of Transport and Communications of the Kyrgyz Republic
42 Bulevar Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

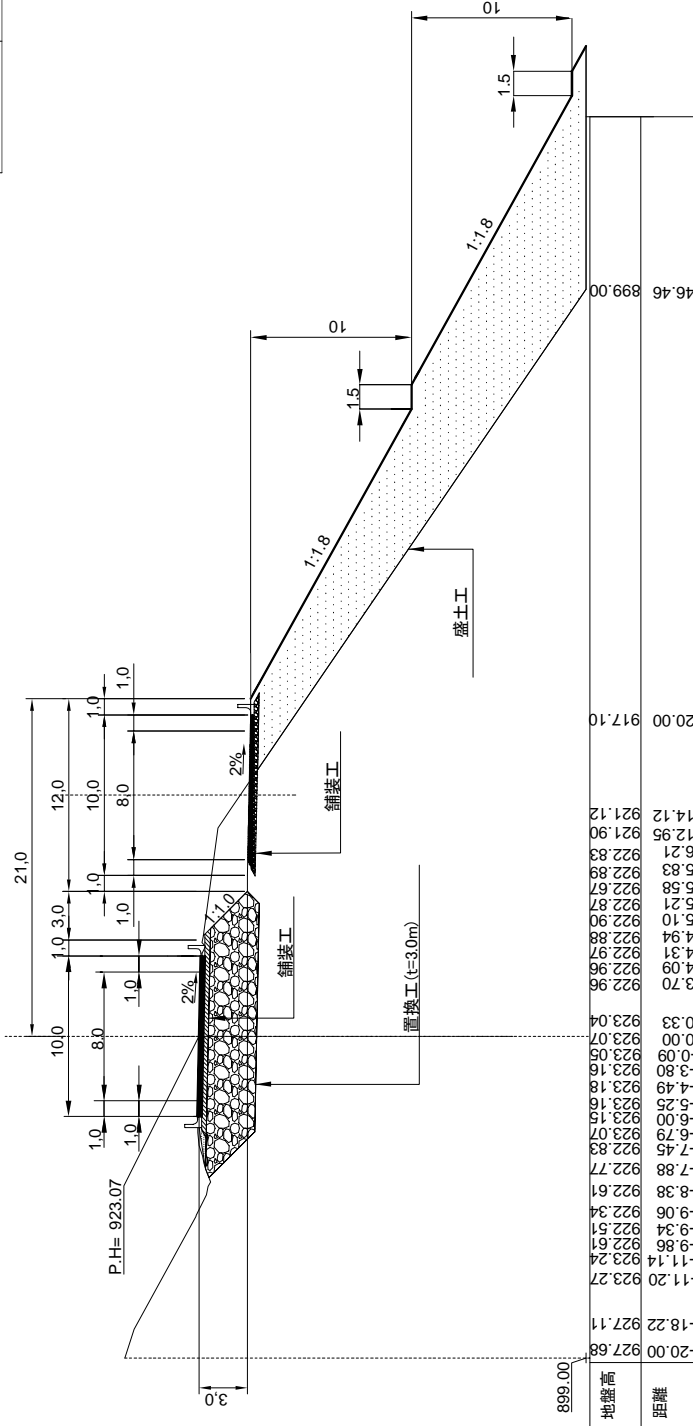
Drawing No.:
Scale:
Date: AUG. 2012

D 3 補修施工図 横断面図

縮尺 1:300

0+10.00

0+10 (R)	
盛土	194.79m ²
切土	14.44m ²
置換工	46.45m ²



地盤高	899.00	20.00	917.10	46.46	899.00
距離	-20.00	927.68	-18.22	927.11	-11.20
	-11.14	923.27	-9.34	922.51	-8.86
	-9.06	922.34	-7.88	922.61	-7.45
	-6.00	923.16	-5.25	923.16	-4.49
	-3.80	923.08	-0.09	923.16	-4.49
	0.00	923.07	0.33	923.04	4.09
	3.70	922.96	4.31	922.97	4.94
	5.21	922.87	5.10	922.88	5.58
	6.21	922.83	5.83	922.89	6.21
	12.96	921.90	14.12	921.12	14.12

REVISIONS

No.	Date	Description



Ministry of Transport and Communications (MOTC)
42 Lenin Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

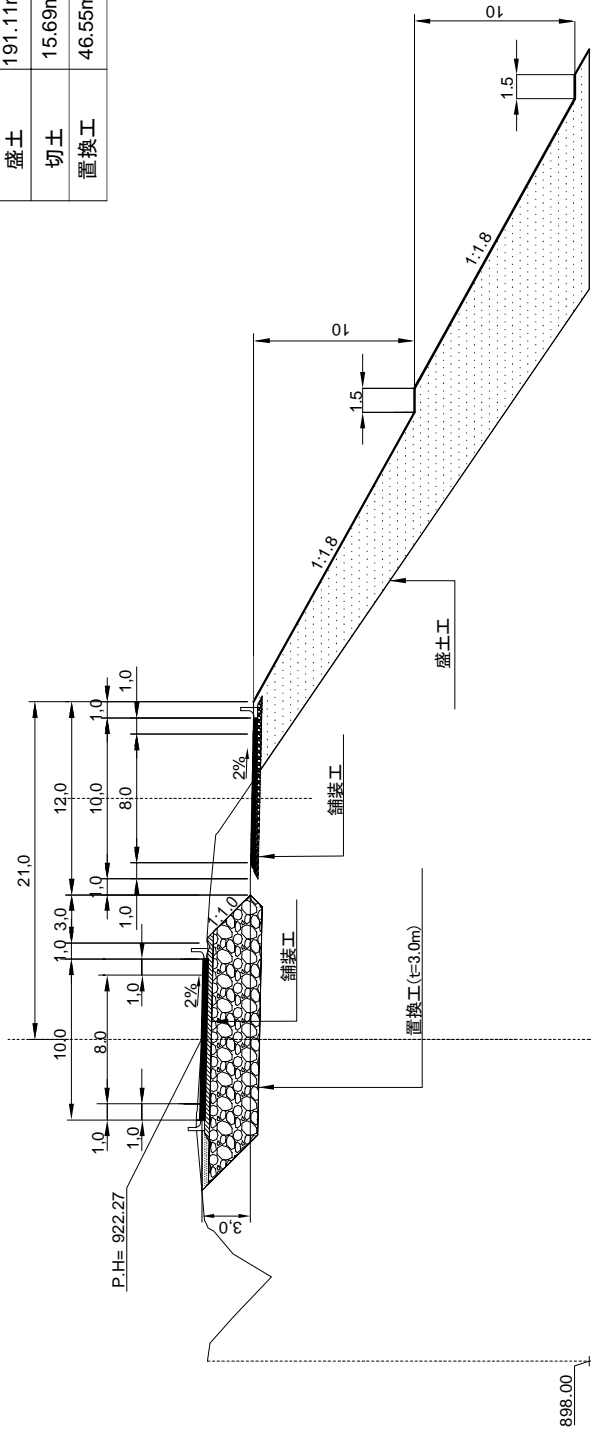
Drawing No.:
Scale:
Date: AUG. 2012

D 3 補修施工図

縮尺 1:300

0+20.00

0+20 (R)	
盛土	191.11m ²
切土	15.69m ²
置換工	46.55m ²



距離	地盤高
-20.00	921.74
-18.87	921.57
-17.29	920.13
-14.76	917.76
-13.35	920.14
-11.92	921.35
-11.71	921.69
-11.49	921.80
-11.26	921.93
-5.37	922.44
-4.54	922.40
-4.42	922.39
-0.75	922.14
-0.08	922.08
0.00	922.07
1.03	922.00
4.23	921.88
4.85	921.81
5.17	921.79
5.43	921.73
5.49	921.70
5.81	921.56
5.85	921.60
6.07	921.77
8.81	921.59
12.72	921.20
12.90	921.07
20.00	916.22
46.67	898.00

REVISIONS

No.	Date	Description



Ministry of Transport and Civil Aviation (MOTC)
42 Bunev Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by
General Manager

Checked by:

Designed by:

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Drawing No.

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Sheet No.

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Date:

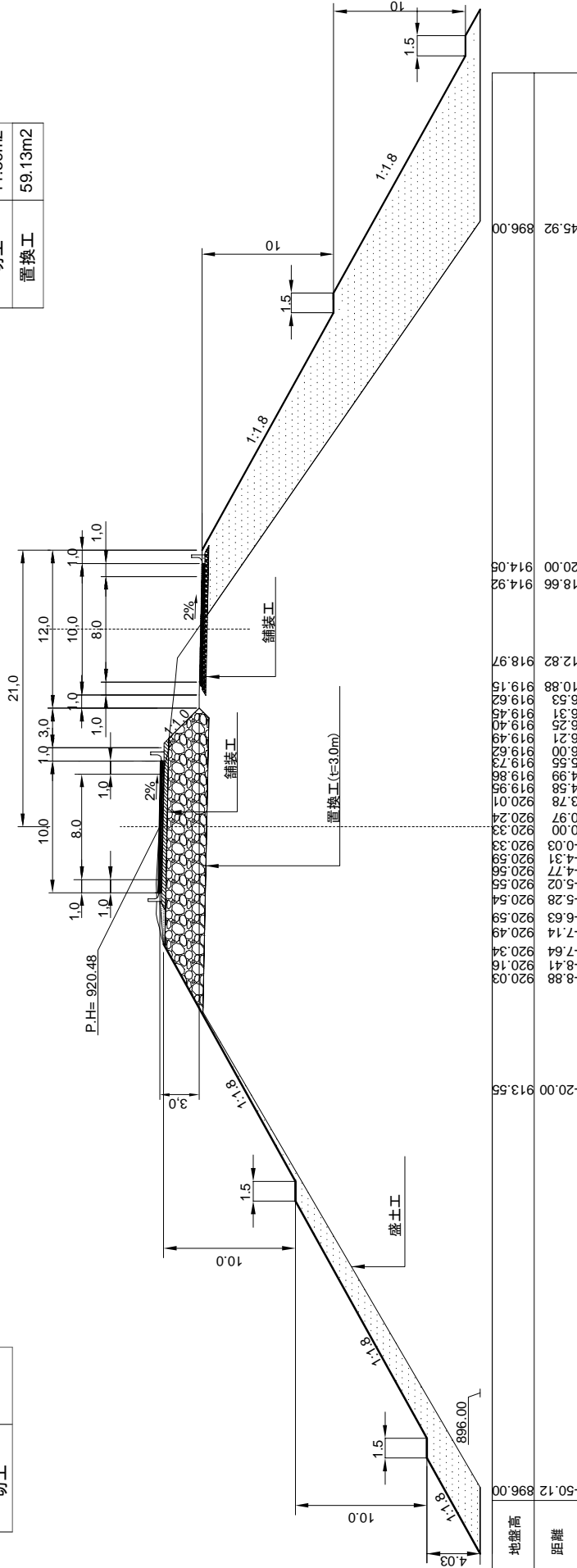
D 3 補修施工増 横断面図

縮尺 1:300

0+40.00

0+40 (L)	
盛土	51.33m2
切土	-

0+40 (R)	
盛土	213.13m2
切土	11.59m2
置換工	59.13m2



REVISIONS	
No.	Date



Ministry of Transport and Communications (MOTC)
42 Namay Str Bishkek, Ky.
The Kyrgyz Republic.



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys

TITLE:

Approved by: General Manager
Checked by:
Designed by:

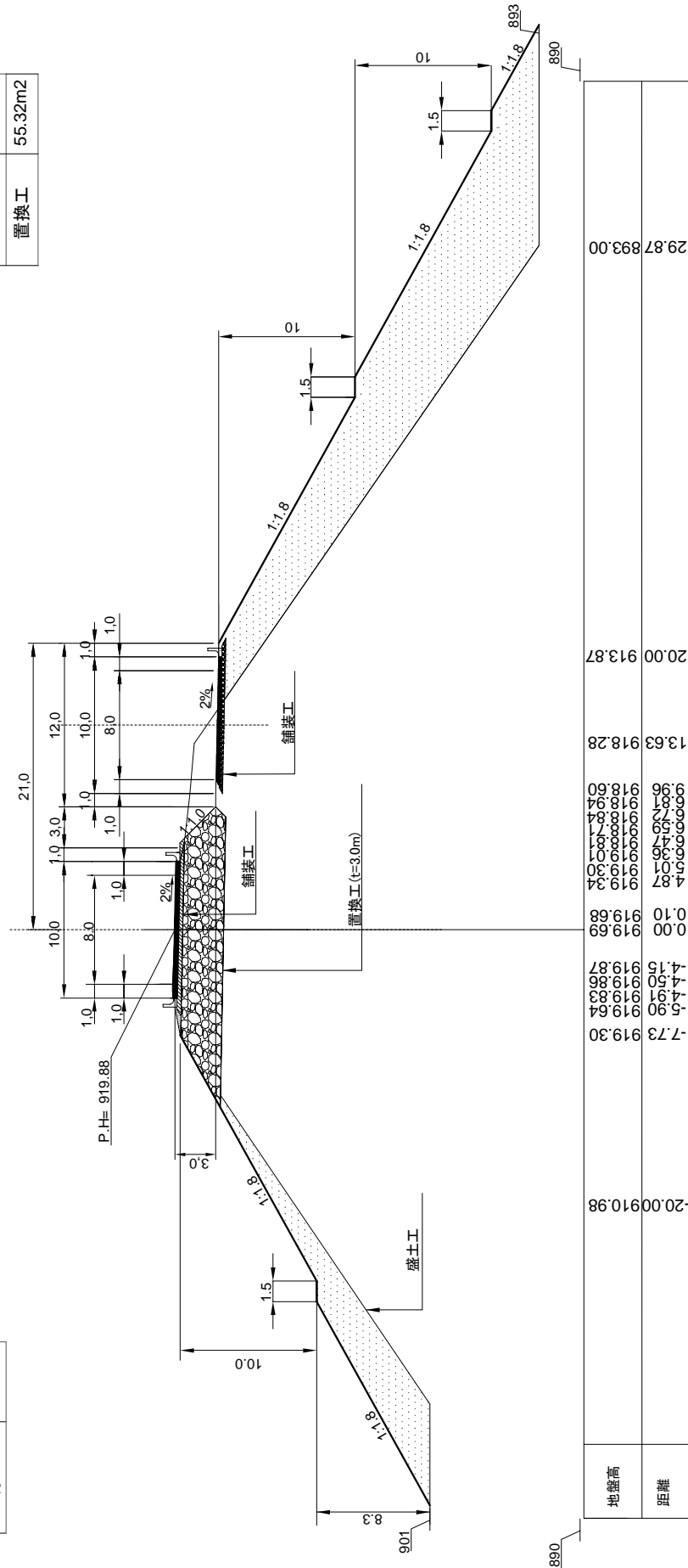
Drawing No.:
Scale:
Date: AUG. 2012

D 3 補修施工図 縦断面図

縮尺 1:300
0+50.00

0+50 (L)	
盛土	66.81m ²
切土	-

0+50 (R)	
盛土	234.59m ²
切土	12.86m ²
置換工	55.32m ²



No.	Date	REVISIONS	 Ministry of Transport and Communications (MOTC) 42 Hanev Str. Bishkek, Ky. The Kyrgyz Republic.		TITLE: Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys	Approved By:	Date:	Sheet No.
	Date	Description				General Manager	Date	
						Checked By:	Date:	
						Designed By:	Date:	AUG. 2012

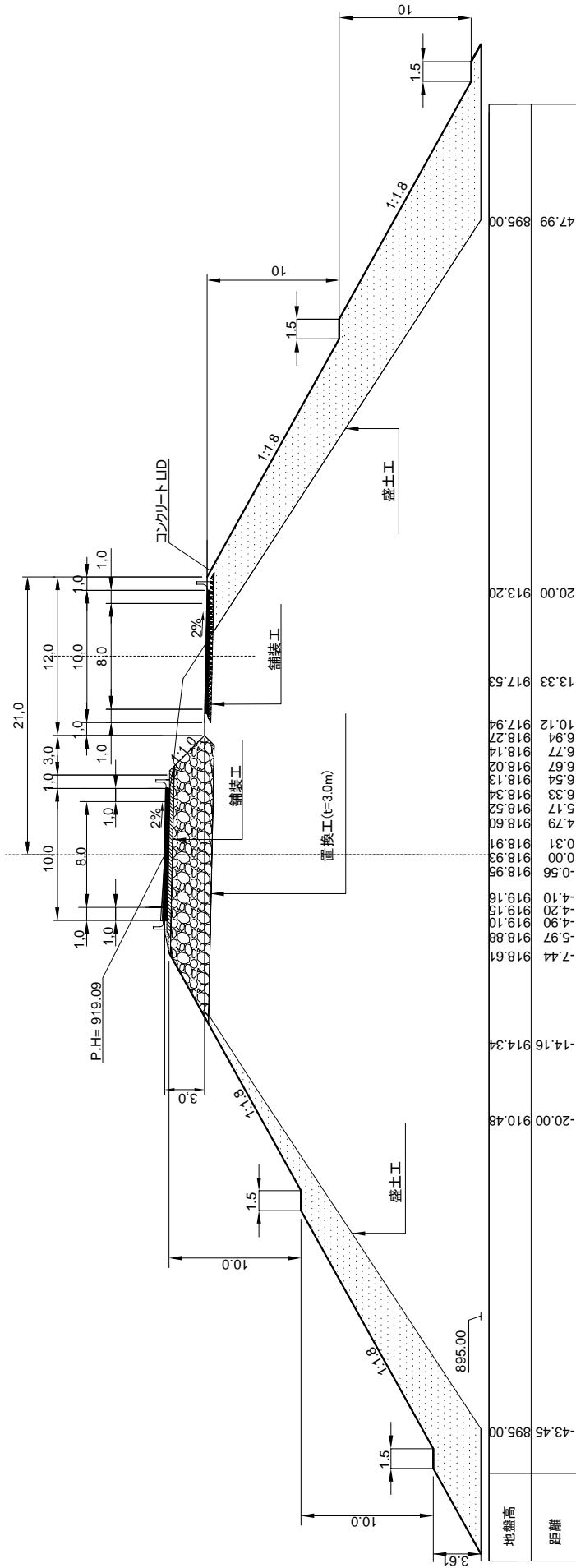
D 3 補修施工図 横断面図

縮尺 1:300

0+60.00

0+60 (L)	
盛土	102.35m ²
切土	-

0+60 (R)	
盛土	173.04m ²
切土	13.02m ²
置換工	54.84m ²



REVISIONS

No.	Date	Description



Ministry of Transport and Communications (MOTC)
42 Namak Str. Bishkek, Ky.
The Kyrgyz Republic.



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by
General Manager

Checked by:

Designed by:

Date:

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Date:

Sheet No.

AUG. 2012

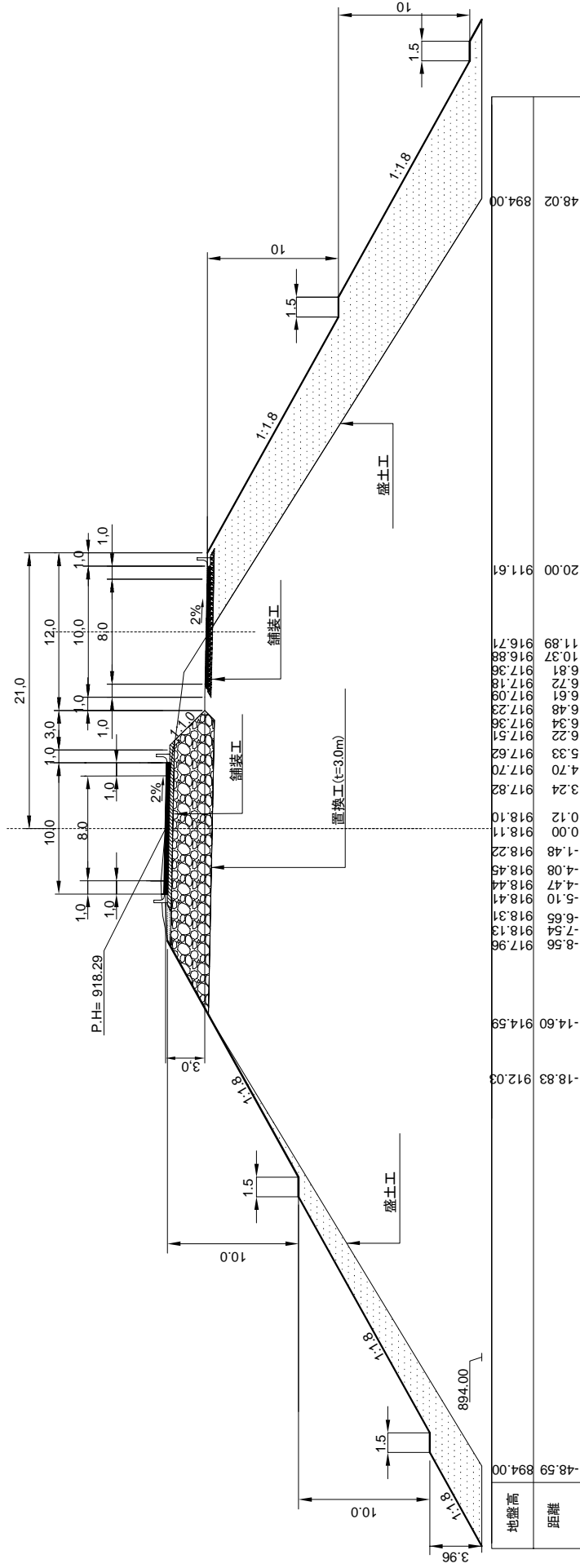
D 3 補修施工図 横断面

縮尺 1:300

0+70.00

0+70 (L)	
盛土	64.08m ²
切土	-

0+70 (R)	
盛土	191.98m ²
切土	9.58m ²
置換工	58.92m ²



No.	Date	Description

Approved By:	General Manager	Date:		Sheet No.:	
Checked By:		Date:		Scale:	
Designed By:		Date:		Date:	AUG. 2012

TITLE: Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

KATAHARA & ENGINEERS INTERNATIONAL

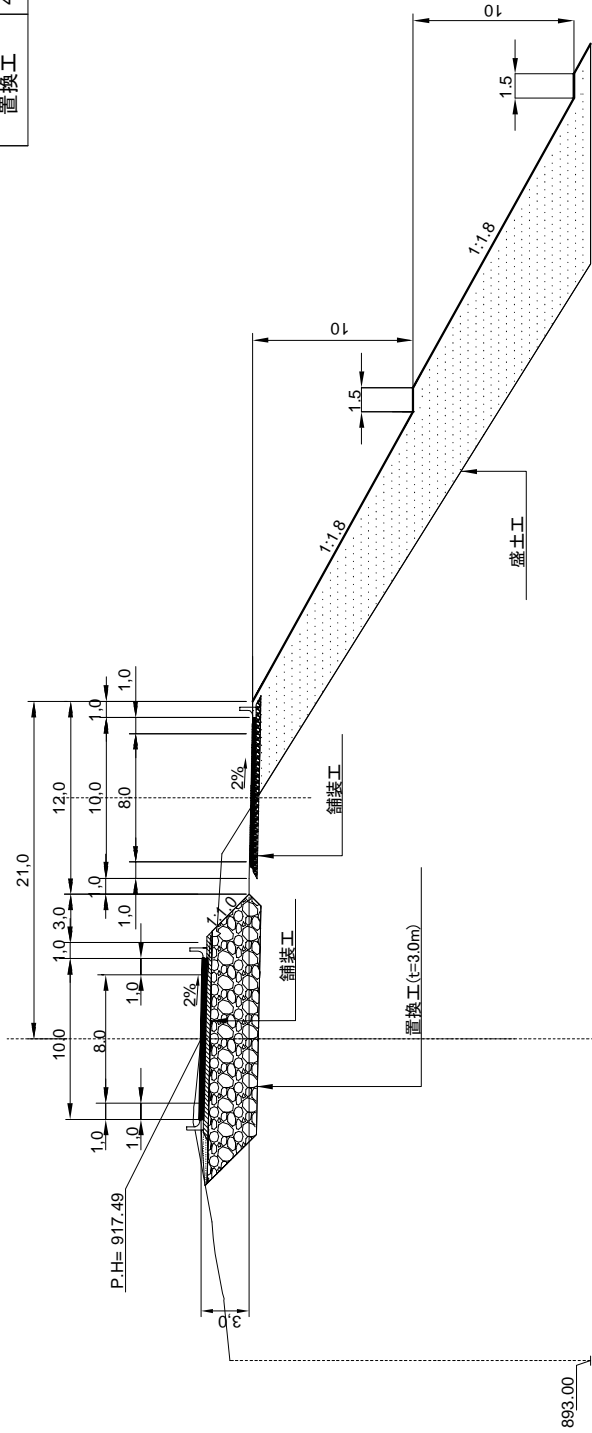
Ministry of Transport and Communications (MOTC) 42 Namai St. Bishkek, Ky. The Kyrgyz Republic

D 3 補修施工図 横断面図

縮尺 1:300

0+80.00

0+80 (R)	
盛土	196.44m ²
切土	8.57m ²
置換工	46.54m ²



地盤高	893.00	915.43	-20.00	915.82	-16.26	915.80	-16.15	915.89	-15.83	915.89	-13.96	916.36	-12.39	916.47	-11.39	916.53																		
距離	48.18	893.00	20.00	910.62	11.50	915.93	7.06	916.23	6.72	916.27	6.56	916.01	6.55	916.02	6.41	916.23	6.39	916.25	6.36	916.62	4.62	916.77	4.58	916.77	4.55	916.77	4.47	916.77	4.37	916.78	0.13	917.23	0.00	917.24

REVISIONS

No.	Date	Description



Ministry of Transport
and Construction
(MOTC)
42 Namay Str. Bishkek, Ky.
The Kyrgyz Republic.



Special Assistance
for Project Sustainability
on Bishkek-Osh Road
Rehabilitation Project Phase 2
(SAPS) in Kyrgyz

TITLE:

Approved by
General Manager

Checked by

Designed by

Date

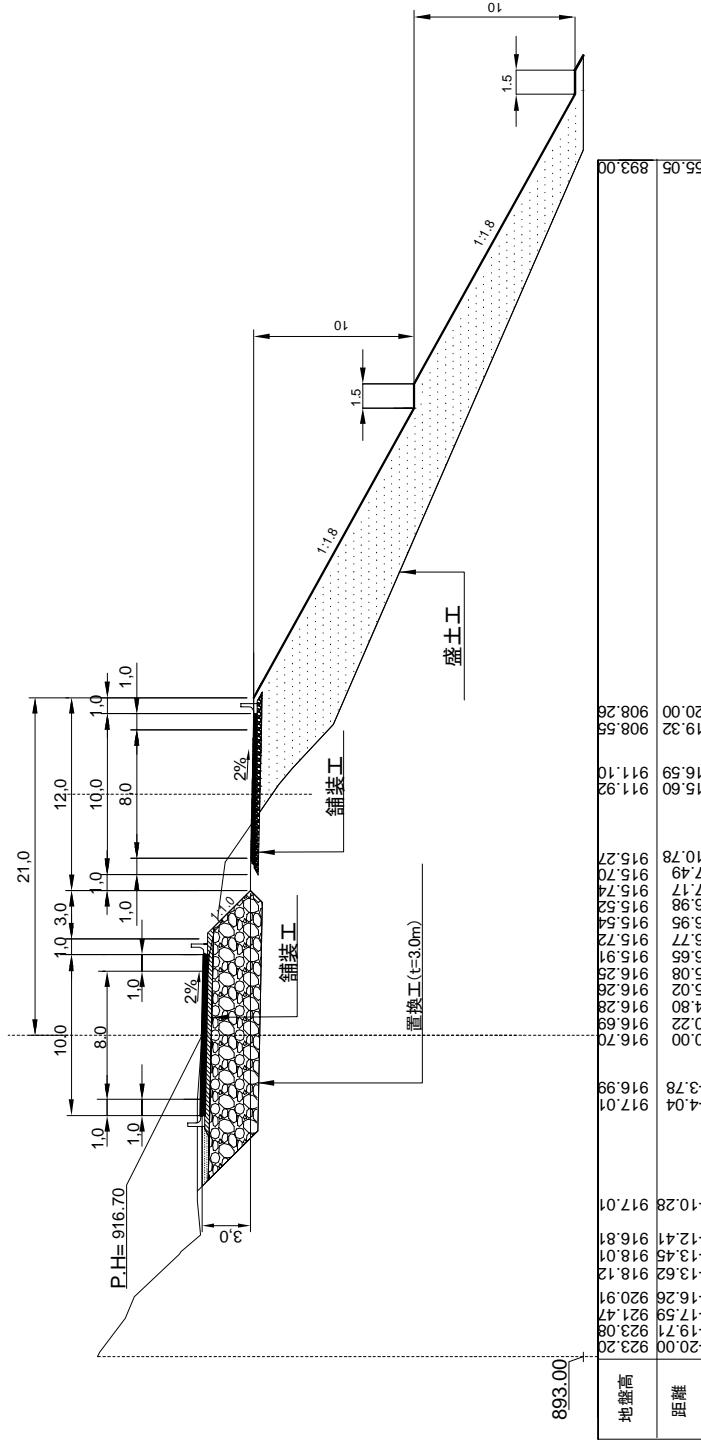
Sheet No.

D 3 補修施工図 横断面

縮尺 1:300

0+90.00

0+90 (R)	
盛土	162.61m ²
切土	6.70m ²
置換工	46.54m ²



REVISIONS

No.	Date	Description



Ministry of Transport and Communications (MOTC)
42 Namay Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

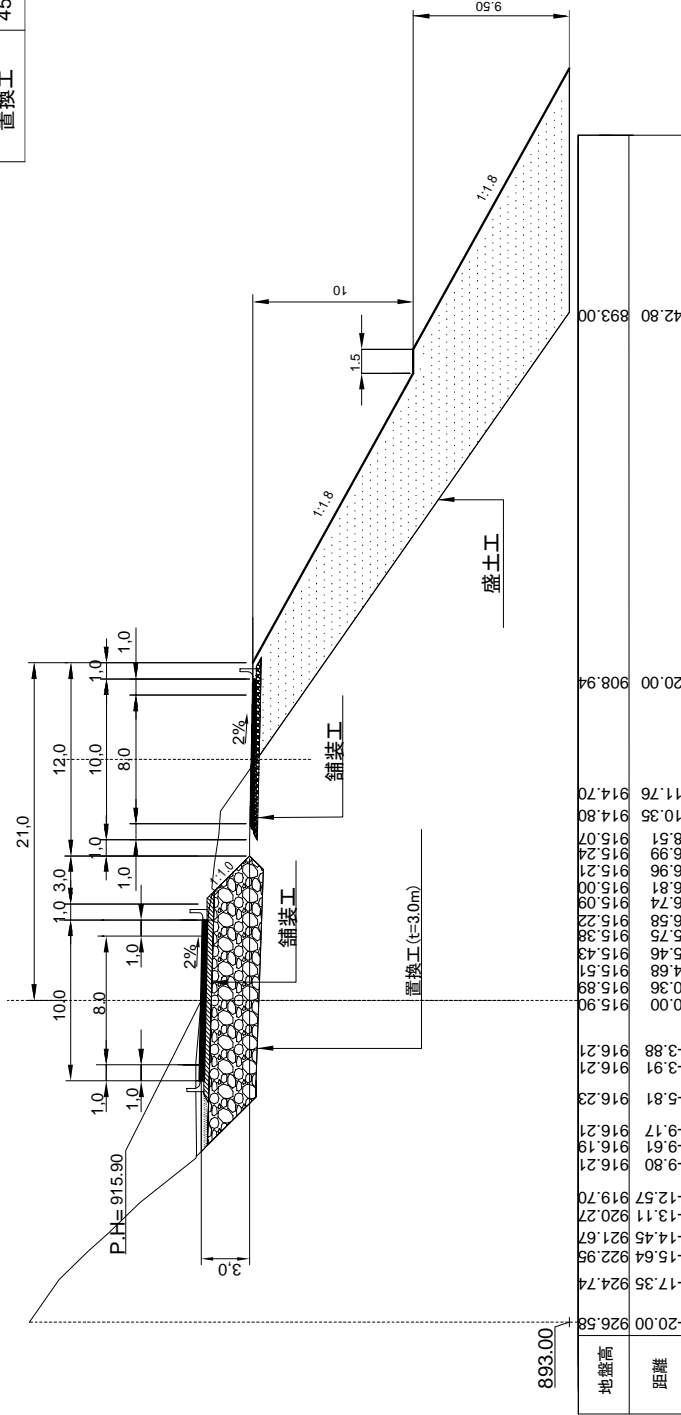
Approved by:	General Manager	Date:		Drawing No.:		Sheet No.:	
Checked by:		Date:		Scale:		Date:	
Designed by:		Date:		Date:		Date:	AUG. 2012

D 3 補修施工図 横断面図

縮尺 1:300

1+00.00

1+00 (R)	
盛土	209.56m ²
切土	10.34m ²
置換工	45.98m ²



REVISIONS

No.	Date	Description



Ministry of Transport and Communications (MOTC)
42 Bazaar St. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

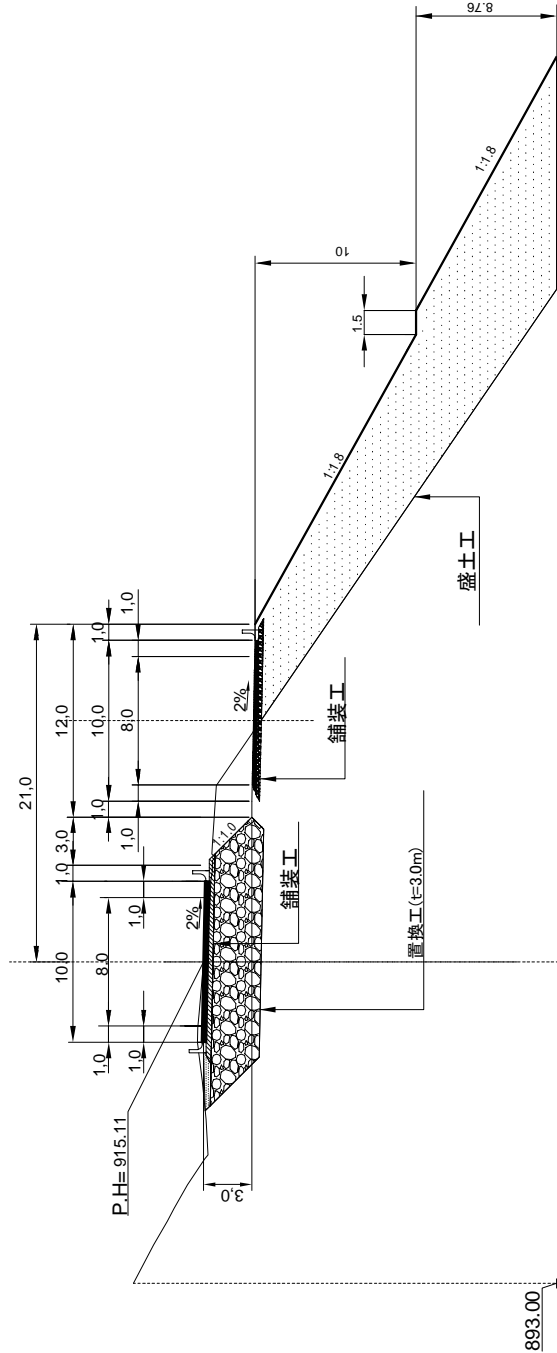
Drawing No.:
Scale:
Date: AUG. 2012

D 3 補修施工図 横断面

縮尺 1:300

1+10.00

1+10 (R)	
盛土	193.64m ²
切土	11.05m ²
置換工	46.47m ²



893.00	20.00	907.96	10.96	914.16	914.39	914.44	914.47	914.50	914.53	914.56	914.59	914.62	914.65	914.68	914.71	914.74	914.77	914.80	914.83	914.86	914.89	914.92	914.95	914.98	915.01	915.04	915.07	915.10	915.13	915.16	915.19	915.22	915.25	915.28	
地盤高	距離																																		

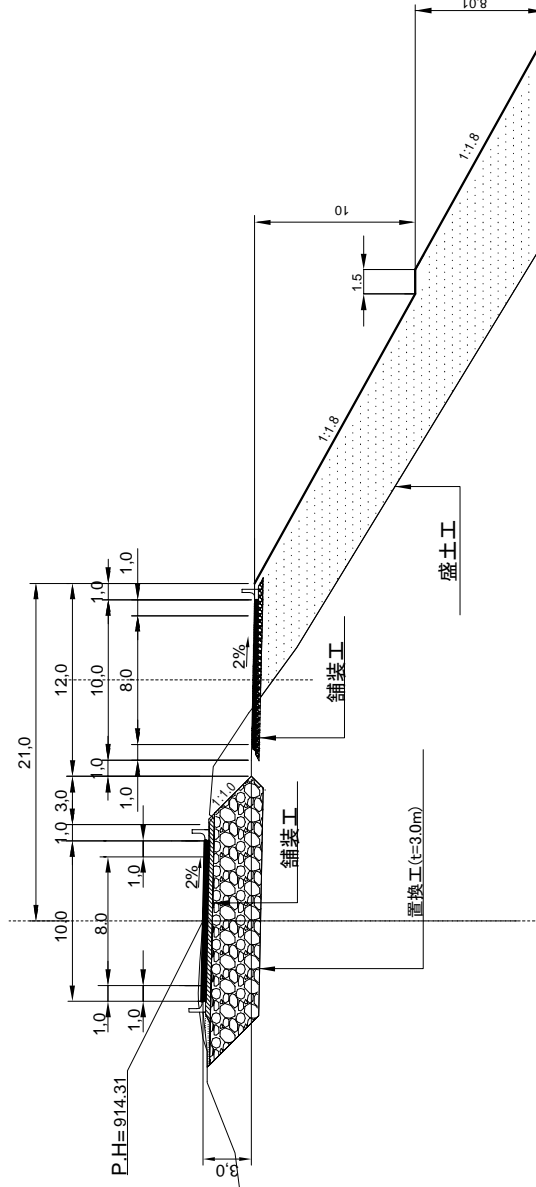
REVISIONS	No.	Date	Description
Ministry of Transport and Communications (MOTC) 42 Lenin Str. Bishkek, Kyrgyz Republic.			
KATEKHA & ENGINEERS INTERNATIONAL			
Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz			
TITLE:			Sheet No.
Approved by: General Manager			Date:
Checked by:			Date:
Designed by:			Date:
			Date: AUG. 2012

D 3 補修施工図 横断面図

縮尺 1:300

1+20.00

1+20 (R)	
盛土	184.05m ²
切土	8.94m ²
置換工	46.42m ²



距離	地盛高
-20.00	911.56
-17.25	911.87
-14.43	912.23
-10.05	913.96
-9.98	913.96
-8.10	913.96
-7.31	914.20
-7.02	914.27
-5.44	914.47
-5.14	914.46
-4.46	914.51
-2.54	914.41
0.00	914.22
0.03	914.21
2.21	913.96
13.96	913.96
13.93	913.93
13.73	913.73
13.69	913.69
13.57	913.57
13.58	913.58
13.36	913.36
13.04	913.04
12.90	912.90
12.88	912.88
17.00	908.38
20.00	906.55
42.24	893.00

REVISIONS

No.	Date	Description



Ministry of Transport and Communications (MOTC)
42 Tianshi St. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

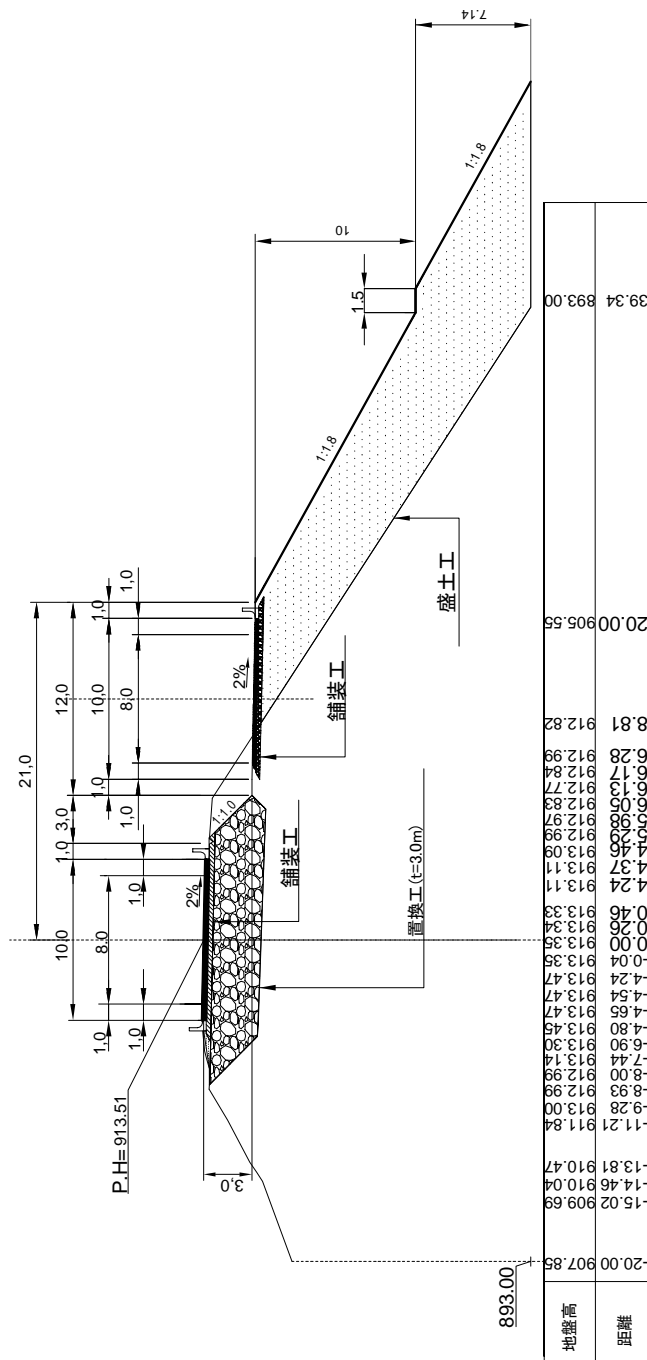
Drawing No.:
Sheet No.:
Scale:
Date: AUG. 2012

D 3 補修施工図 横断面

縮尺 1:300

1+30.00

1+30(R)	
盛土	184.38m ²
切土	7.57m ²
置換工	46.67m ²



No.	Date	Description



Ministry of Transport and Communications (MOTC)
42 Lenin Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

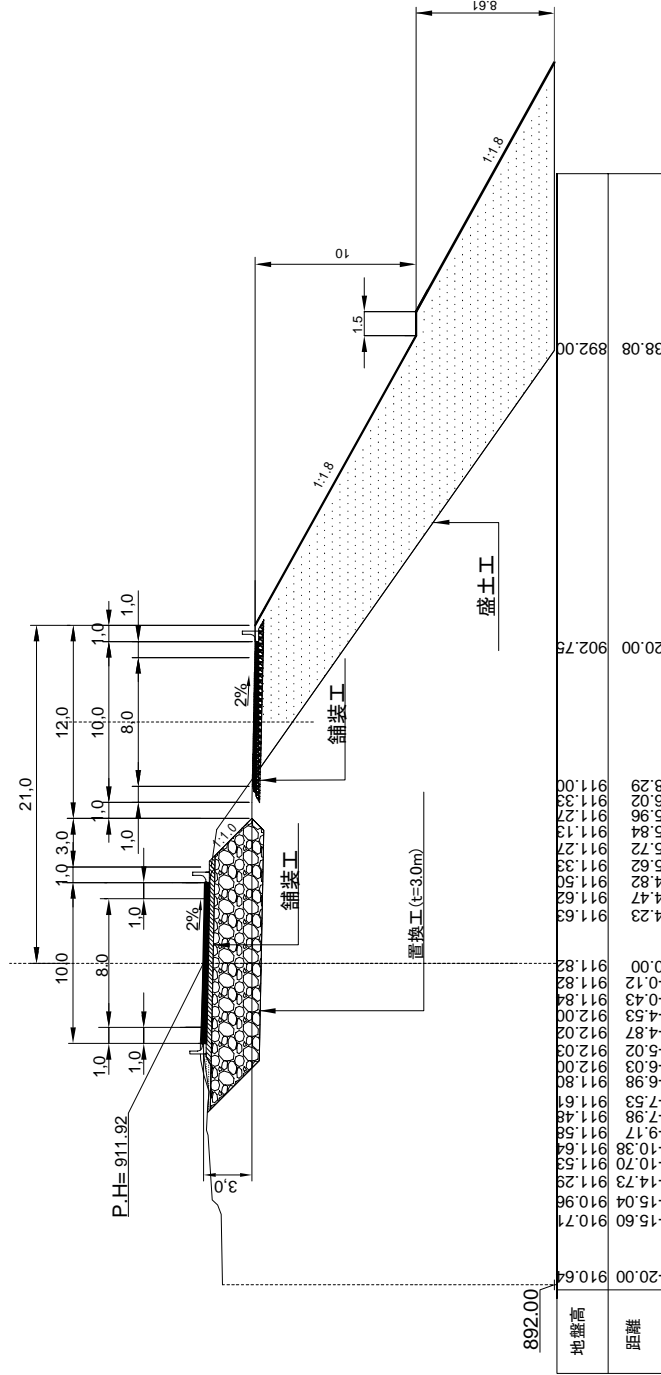
Drawing No. _____
Scale: _____
Date: AUG. 2012

D 3 補修施工図 横断面

縮尺 1:300

1+50.00

1+50 (R)	
盛土	249.30m ²
切土	4.43m ²
置換工	46.90m ²



No.	Date	Description



Ministry of Transport and Communications (MOTC) of the Kyrgyz Republic
42 Lenin Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

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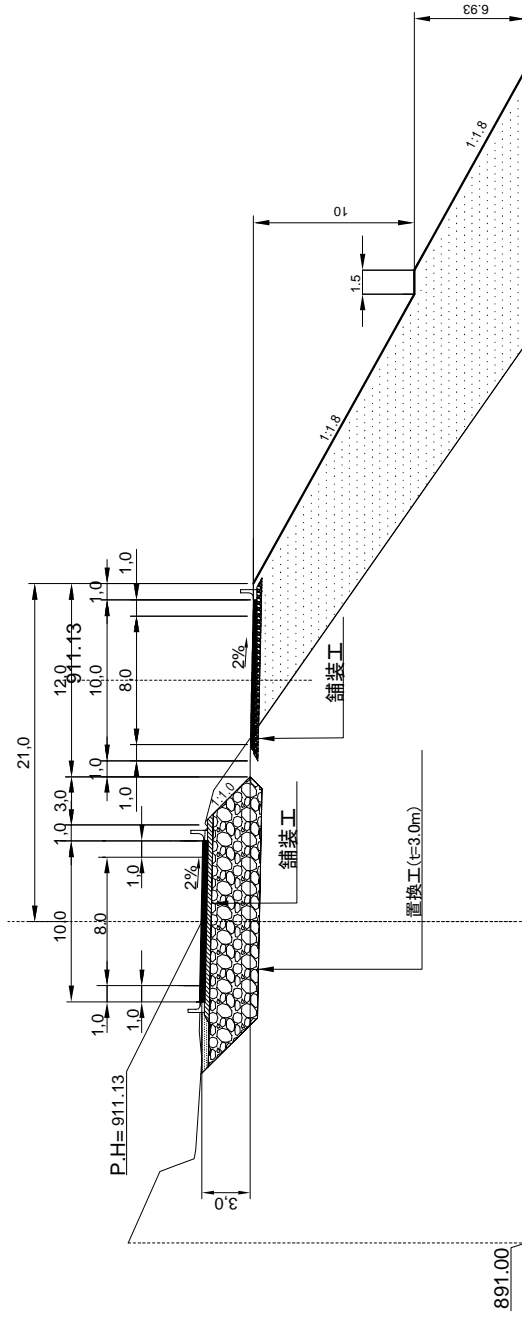
Date:

D 3 補修施工図 横断面図

縮尺 1:300

1+60.00

1+60 (R)	
盛土	217.72m ²
切土	4.76m ²
置換工	46.68m ²



地盤高	距離
-20.00	915.71
-15.54	913.74
-15.18	912.80
-14.75	911.61
-14.21	911.52
-8.57	911.14
-6.84	911.28
-5.48	911.25
-4.98	911.26
-4.66	911.26
-0.11	911.12
0.00	911.13
4.28	911.01
5.50	910.93
5.57	910.93
5.57	910.93
5.62	910.92
5.88	910.75
6.08	910.93
8.16	910.41
20.00	902.12
35.88	891.00

No.	Date	Description

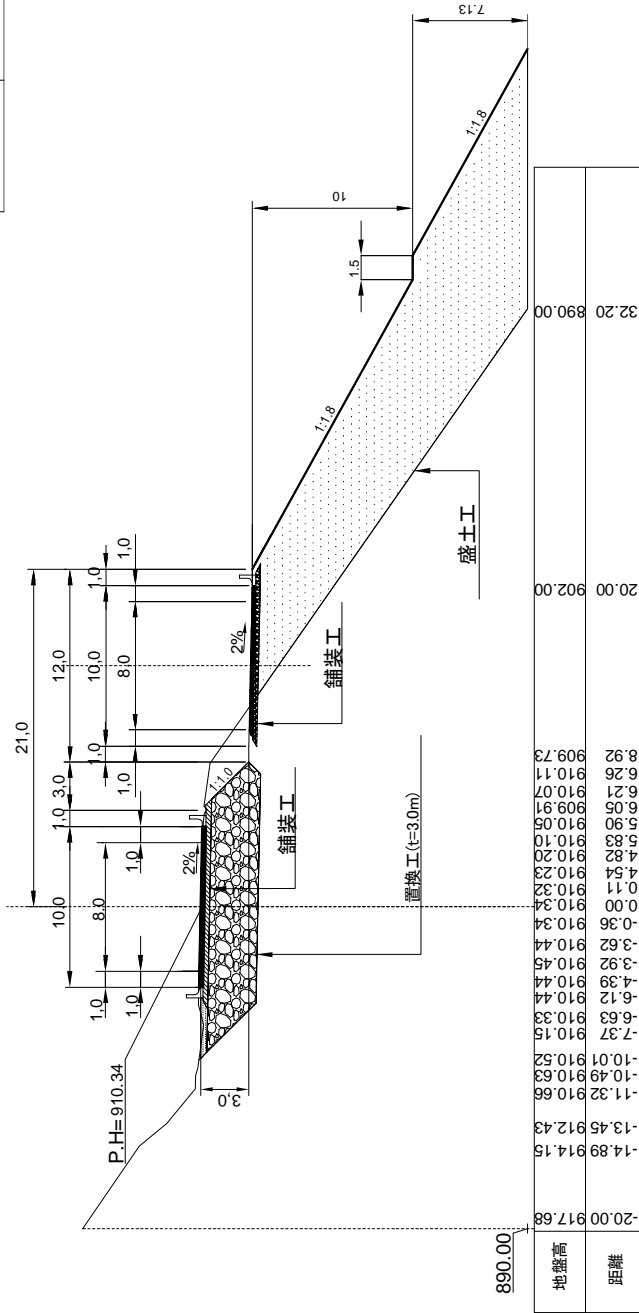
Ministry of Transport and Communications (MOTC) 42 Namye Str. Bishkek, Kyrgyz Republic			Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz		TITLE:	
Approved by: General Manager	Date:		Drawing No.	Sheet No.		
Checked by:	Date:	Scale:	Date:			
Designed by:	Date:	Date:	Date:			

D 3 補修施工図 横断面図

縮尺 1:300

1+70.00

1+70 (R)	
盛土	204.77m ²
切土	7.32m ²
置換工	46.68m ²



REVISIONS

No.	Date	Description



Ministry of Transport and Communications (MOTC)
42 Lenin Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
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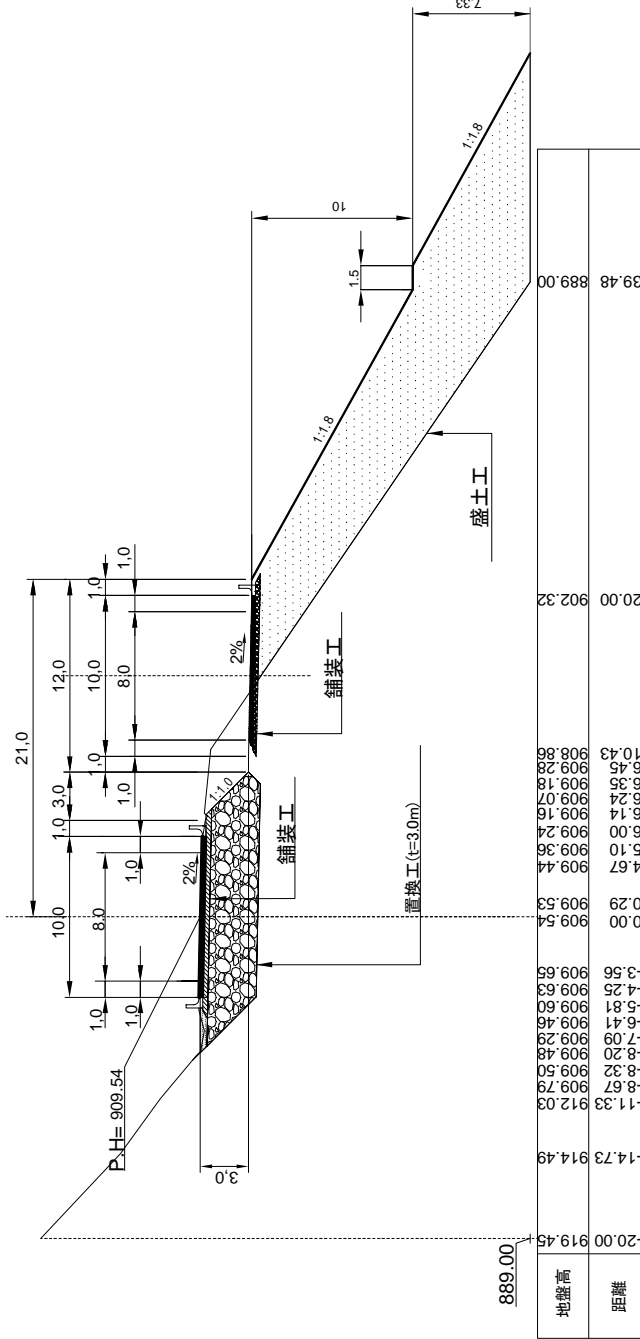
Date:

D 3 補修施工図 横断面図

縮尺 1:300

1+80.00

1+80 (R)	
盛土	178.40m ²
切土	11.00m ²
置換工	43.67m ²



REVISIONS

No.	Date	Description



Ministry of Transport and Communications (MOTC)
42 Tienar Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

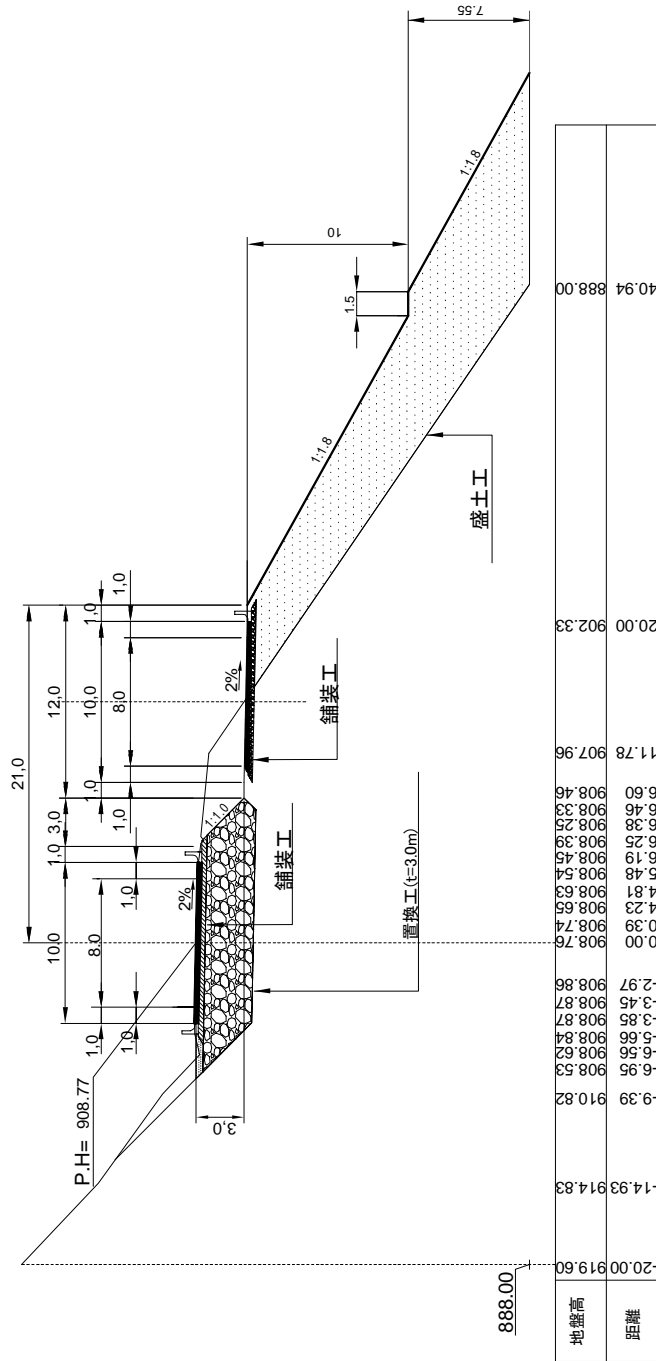
Drawing No.:
Scale:
Date: AUG. 2012

D 3 補修施工図 横断面図

縮尺 1:300

1+90.00

1+90 (R)	
盛土	161.80m ²
切土	13.70m ²
置換工	43.67m ²



REVISIONS		Ministry of Transport and Communications (MOTC)		KATAHIRA & ENGINEERS INTERNATIONAL	Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz	Approved by General Manager		Approved by	
No.	Date	Description	Signature			Date	Signature	Date	Signature

D3数量総括表

項目	種別	単位	数量	備考
盛土工		m3	39,303	
置換工	t=3m	m3	9,448	
置換工	t=1m	m3		
舗装工		m2	3,000	
舗装撤去工		m3	608	
路面排水溝		m	300	
小段排水溝		m	195	
縦排水溝		箇所	2	
管渠工 延伸	φ 2.0m	m	42	

D3盛土工計算書

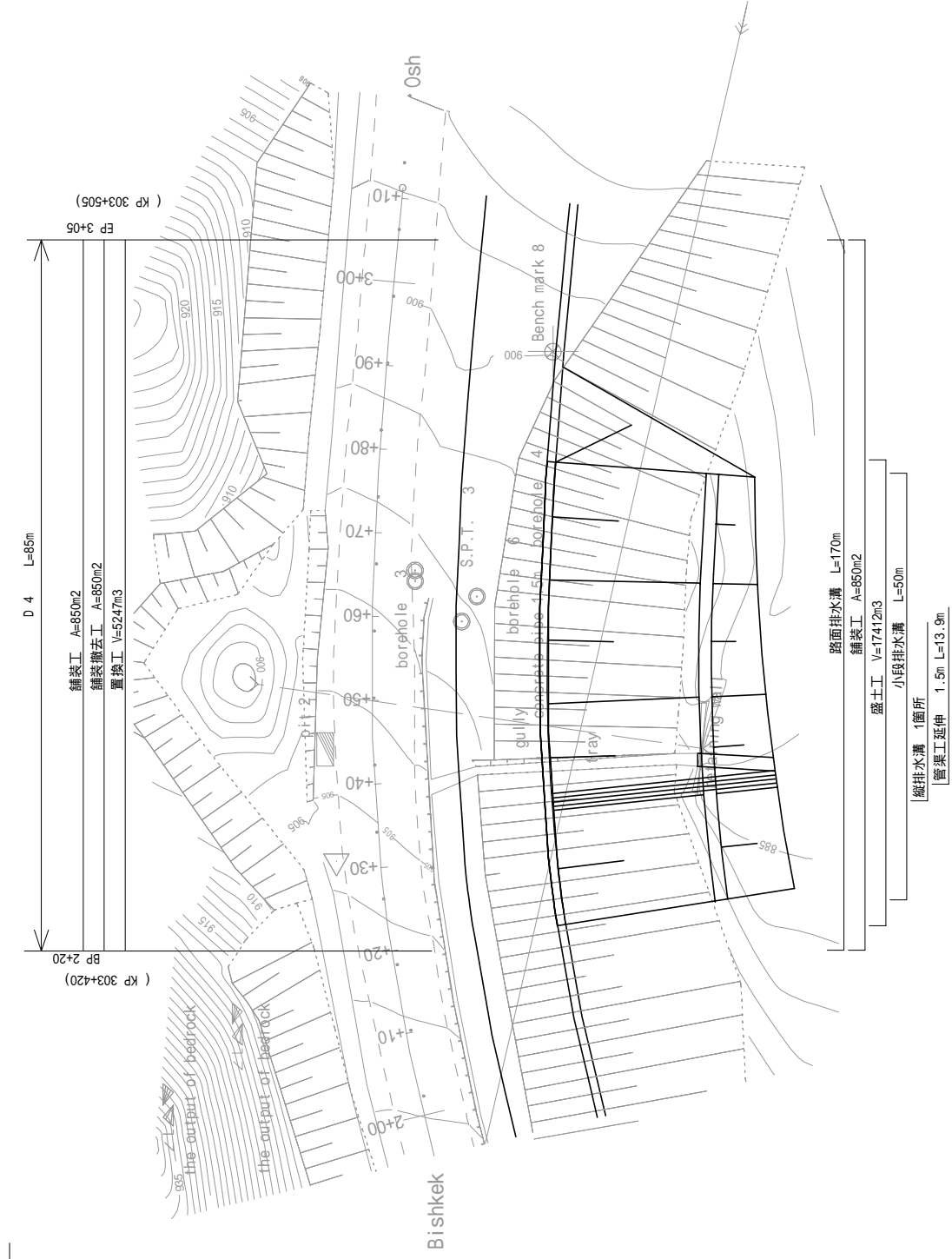
KP	短距離 m	左側		右側	
		断面積 m2	土量 m3	断面積 m2	土量 m3
0+00	0	12.33		179.22	0.00
0+10	10	14.44	133.85	194.79	1,870.05
0+20	10	15.69	150.65	191.11	1,929.50
0+30	10	13.82	147.55	187.99	1,895.50
0+40	10	11.59	127.05	213.13	2,005.60
0+50	10	12.86	122.25	234.59	2,238.60
0+60	10	13.02	129.40	173.04	2,038.15
0+70	10	9.58	113.00	191.98	1,825.10
0+80	10	8.57	90.75	196.44	1,942.10
0+90	10	6.70	76.35	162.61	1,795.25
1+00	10	10.34	85.20	209.56	1,860.85
1+10	10	11.05	106.95	193.64	2,016.00
1+20	10	8.94	99.95	184.05	1,888.45
1+30	10	7.57	82.55	184.38	1,842.15
1+40	10	5.26	64.15	202.34	1,933.60
1+50	10	4.43	48.45	249.30	2,258.20
1+60	10	4.76	45.95	217.72	2,335.10
1+70	10	7.32	60.40	204.77	2,112.45
1+80	10	11.00	91.60	178.40	1,915.85
1+90	10	13.70	123.50	161.80	1,701.00
小計	190		1,899.55		37,403.50
合計			39,303.05		

D3置換工 (t=3m)

KP	単距離 m	断面積 m2	体積 m3
0+00	0	46.54	
0+10	10	46.45	464.95
0+20	10	46.55	465.00
0+30	10	69.31	579.30
0+40	10	59.13	642.20
0+50	10	55.32	572.25
0+60	10	54.84	550.80
0+70	10	58.92	568.80
0+80	10	46.54	527.30
0+90	10	46.54	465.40
1+00	10	45.98	462.60
1+10	10	46.47	462.25
1+20	10	46.42	464.45
1+30	10	46.67	465.45
1+40	10	46.65	466.60
1+50	10	46.90	467.75
1+60	10	46.68	467.90
1+70	10	46.68	466.80
1+80	10	43.67	451.75
1+90	10	43.67	436.70
合計	190		9,448.25

D 4 (K:P 303+420 - K:P 303+505 L=85m)

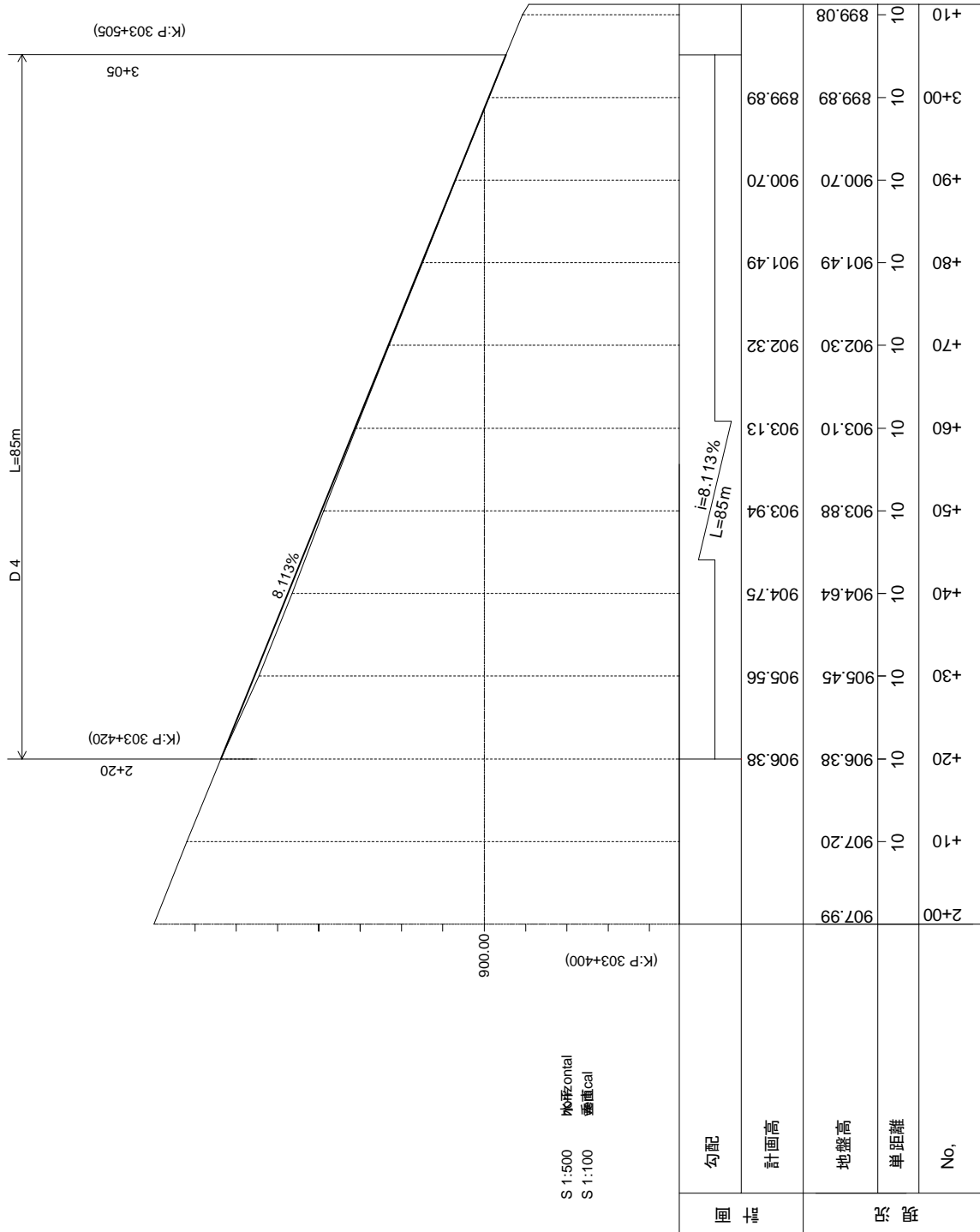
補修施工図 平面図 縮尺 1: 500



No.	Date	REVISIONS Description

Ministry of Transport and Communication (MOTC) 42 Lenin str. Bishkek City, the Kyrgyz Republic		Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz	TITLE :	Approved by: <u>Semchik Dzagajur</u> Checked by: _____ Designed by: _____	Drawing No. _____ Sheet No. _____
			Date : AUG. 2012	Scale : _____	Date : _____

D 4 303+420 - 303+505 L=85m
補修施工図 縦断面



S 1:500 地形図
S 1:100 断面図

No.	REVISIONS	Date	Description	Approval by General Manager	Date	Drawing No.	Sheet No.
				Checked by:	Date:	Scale:	
				Designed by:	Date:	Date:	AUG. 2012

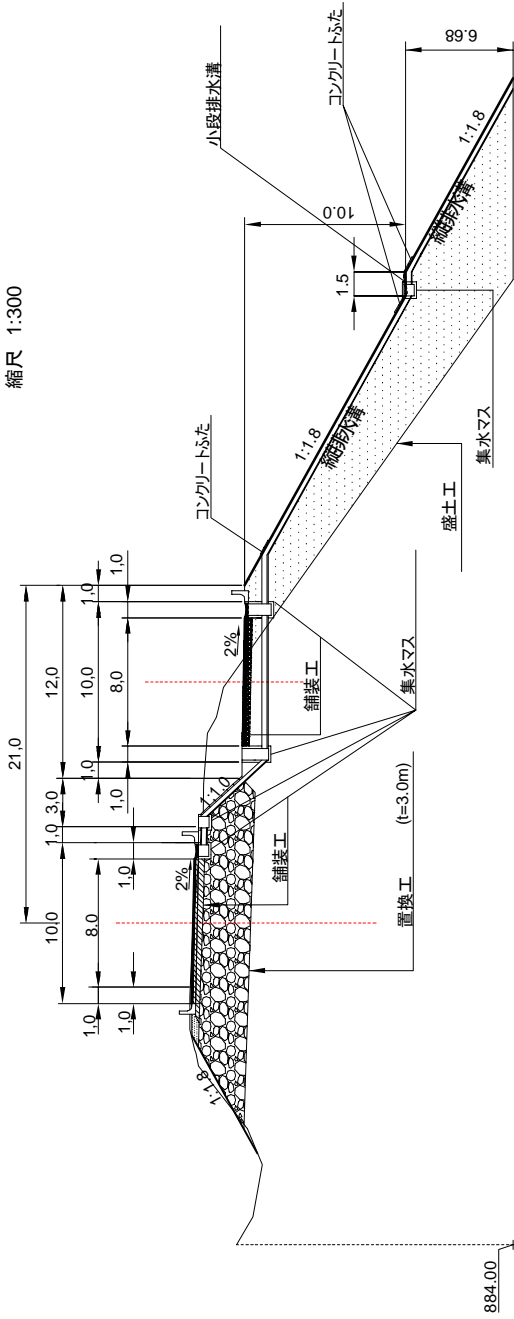
TITLE: Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

KAI INTERNATIONAL

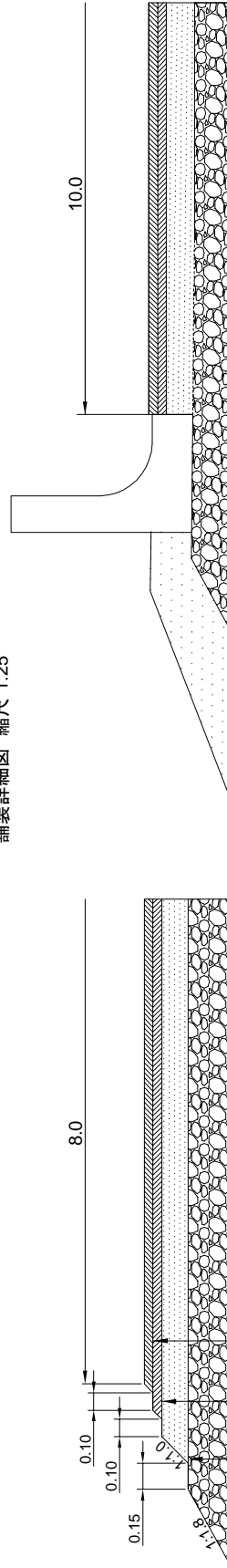
Ministry of Transport and Communications (MOTC)
42 Namai Str Bishkek, Kyrgyz Republic

標準横断面図

縮尺 1:300



舗装詳細図 縮尺 1:25



粒状路盤工 (t=25cm)

アスファルトコンクリート基礎工 (t=5cm)

アスファルトコンクリート表層工 (t=5cm)

No.	Date	Description

Ministry of Transport and Communications (MOTC)
42 Bazaar St. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

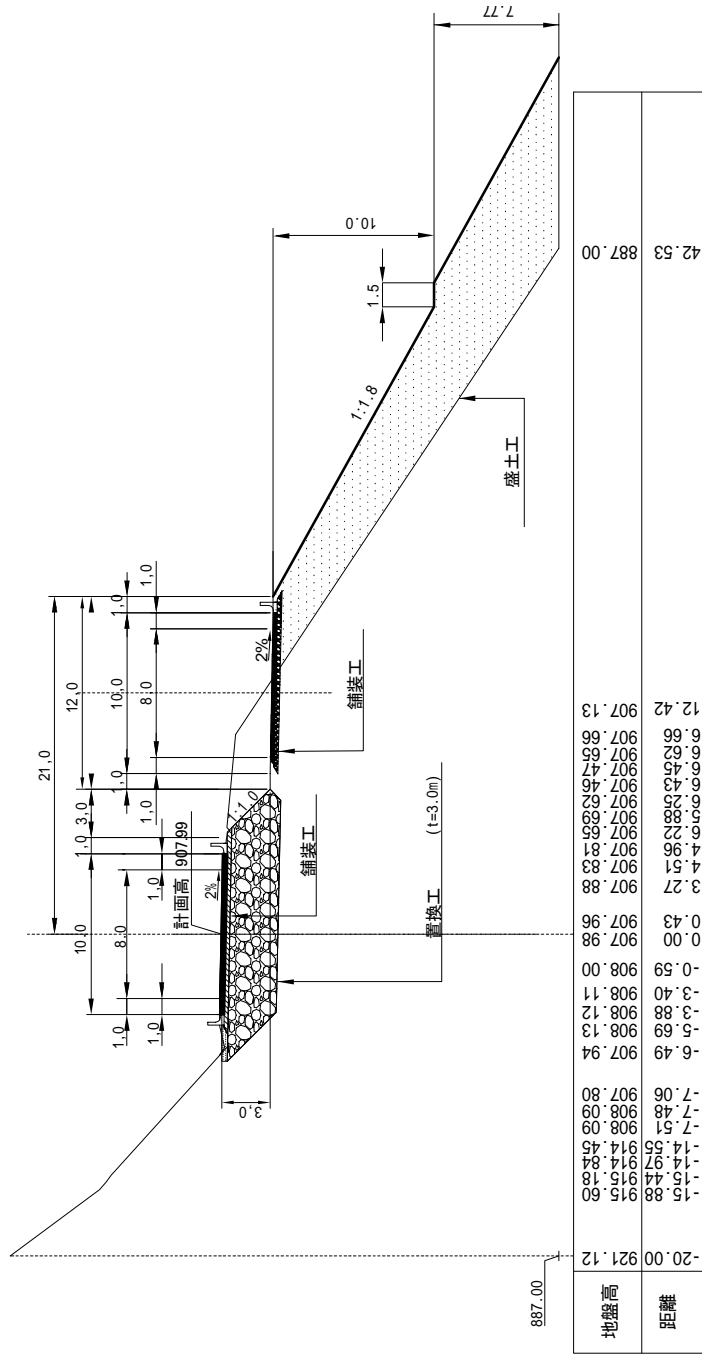
Approved by	Date	Sheet No.
General Manager		
Checked by	Date	Scale
Designed by	Date	Date
		AUG. 2012

D4 補修施工図 横断面

縮尺 1:300

2+00 (R)	
盛土	146.97m ²
切土	-
置換工	43.16m ²

2+00.00



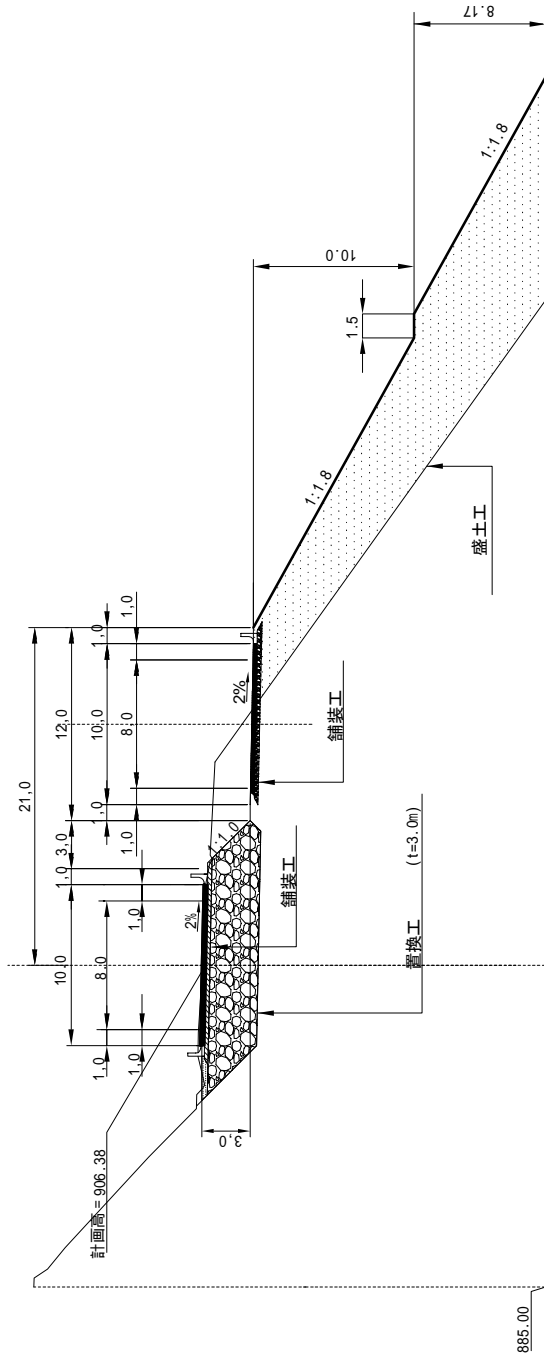
REVISIONS		Description	
No.	Date		
Ministry of Transport and Construction (MOTC) 42 Imayev Str. Bishkek City, The Kyrgyz Republic			
Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz			
TITLE :		Approved by	Special Designer
		Checked by	
		Designed by	
		Date :	
		Scale :	
		Date :	
		Date :	AUG. 2012
		Sheet No.	

D4 補修施工図 横断面

縮尺 1:300

2+20.00

2+20 (R)	
盛土	168.66m ²
切土	-
置換工	43.62m ²



地盤高	距離	41.36	885.00	20.00	900.29	12.62	905.57	6.85	905.87	6.72	905.78	6.59	905.67	6.47	905.88	6.36	905.88	5.13	906.11	5.09	906.11	1.23	906.28	1.13	906.29	0.32	906.31	0.00	906.38	-2.34	906.47	-3.86	906.58	-4.16	906.59	-5.68	906.62	-7.00	906.30	-7.45	906.19	-7.67	906.35	-8.08	906.70	-8.92	906.73	-10.76	908.56	-11.94	909.68	-17.55	914.89	-19.45	915.98	-20.00	916.85
-----	----	-------	--------	-------	--------	-------	--------	------	--------	------	--------	------	--------	------	--------	------	--------	------	--------	------	--------	------	--------	------	--------	------	--------	------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

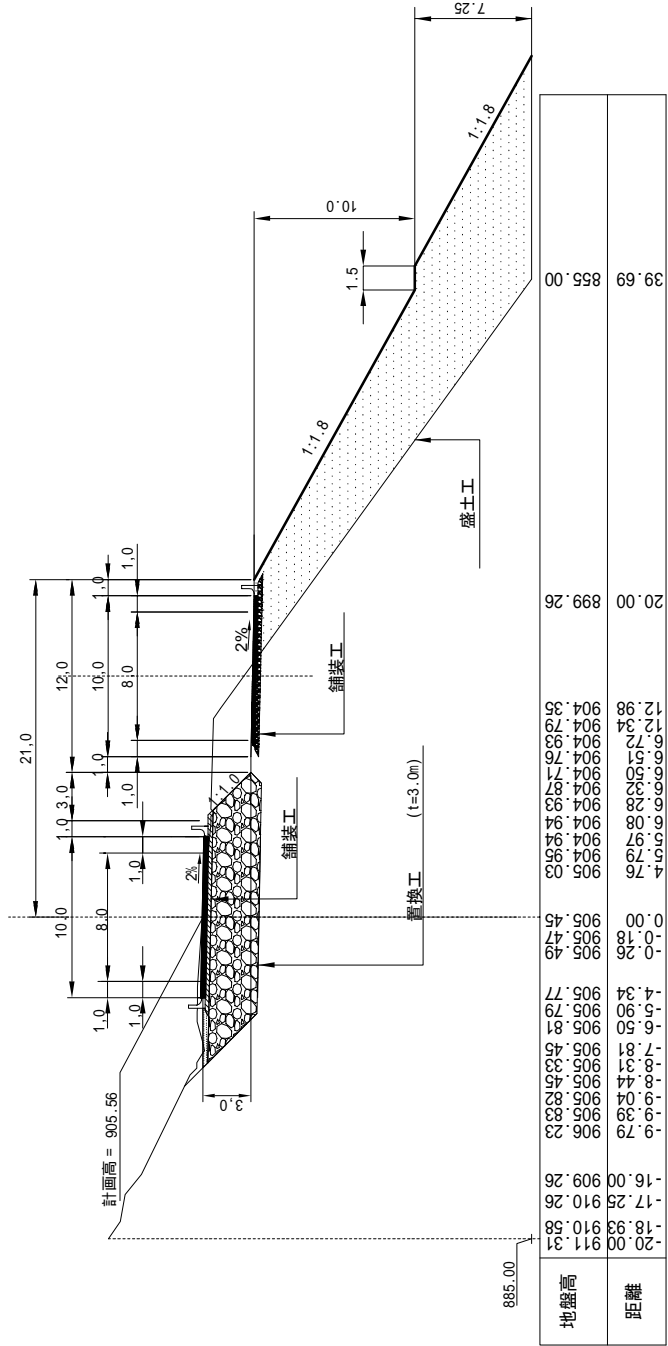
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				Ministry of Transport and Construction (MOTC)		KATAHARA & ENGINEERS INTERNATIONAL		KEI INTERNATIONAL	
				42 Imanov Str. Bishkek City, The Kyrgyz Republic					
				Checked By :		Designed By :		Scale :	
				Date :		Date :		Date :	
								AUG. 2012	

D4 補修施工図 横断図

2+30 (R)	
盛土	160.02m ²
切土	-
置換工	46.59m ²

縮尺 1:300

2+30.00



REVISIONS	Description	No.	Date			

	Ministry of Transport and Construction (MOTC) 42 Tennev Str. Bishkek City, The Kyrgyz Republic		Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys

	Ministry of Transport and Construction (MOTC) 42 Tennev Str. Bishkek City, The Kyrgyz Republic		Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys

TITLE :	Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys	Drawing No. :	Sheet No. :

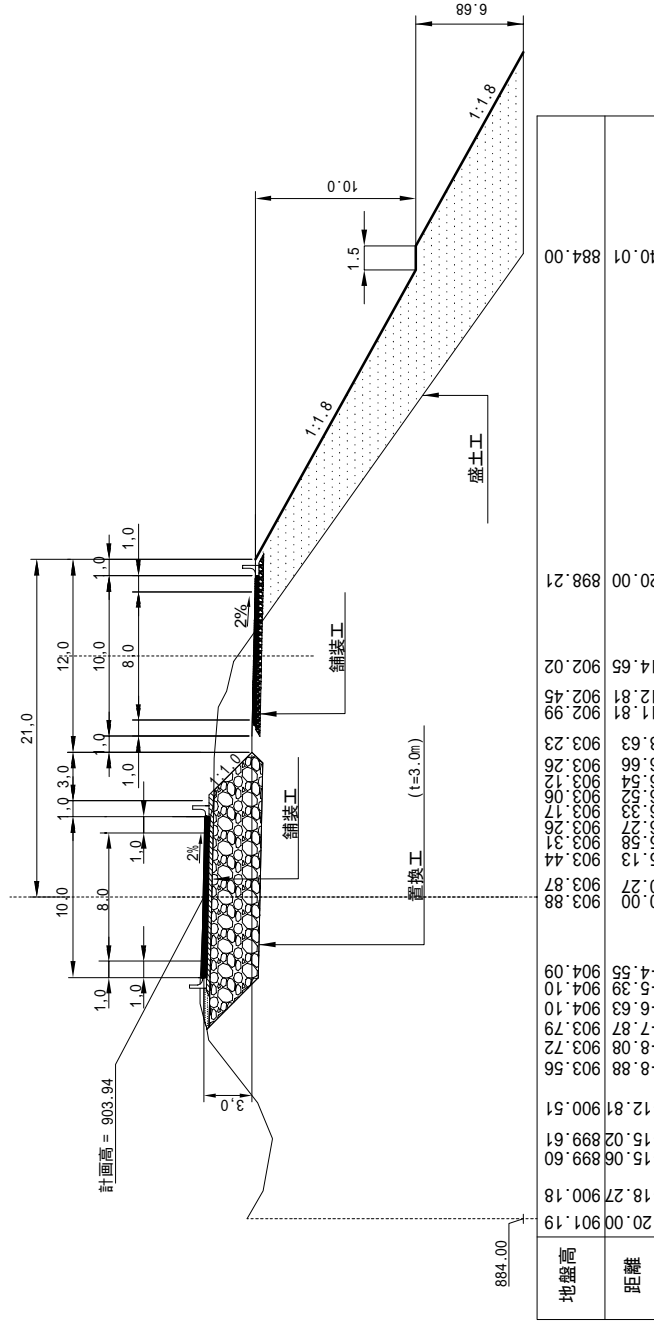
DATE :	DATE :	DATE :	DATE :

D4 補修施工図 横断面図

縮尺 1:300

2+50.00

2+50 (R)	
盛土	137.72m ²
切土	-
置換工	43.62m ²



地盤高	距離
-20.00	901.19
-18.27	900.18
-15.08	899.60
-15.02	899.61
-12.81	900.51
-8.88	903.56
-8.08	903.72
-7.87	903.79
-6.63	904.10
-5.39	904.10
-4.59	904.09
0.00	903.88
0.27	903.87
903.44	903.14
903.03	903.17
903.23	903.06
903.25	903.05
903.26	903.05
903.26	903.05
903.26	903.05
903.26	903.05
903.26	903.05
903.26	903.05
903.26	903.05
8.63	903.06
903.23	903.05
903.23	903.05
11.81	902.99
11.81	902.45
14.65	902.02
20.00	898.21
40.01	884.00

REVISIONS		TITLE :		Approved By :		Drawing No. :		Sheet No. :	
No.	Date			General Manager	Date				
		Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz							
				Checked By :	Date :				
				Designated By :	Date :				

Ministry of Transport and Construction (MOTC)
 42 Manas St, Bishkek City,
 The Kyrgyz Republic



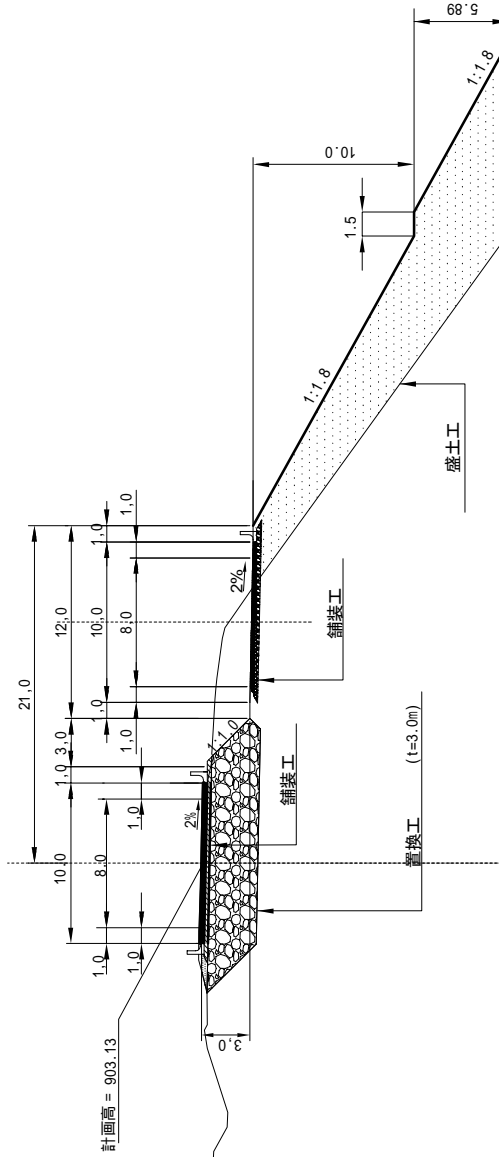
KATAHARA & ENGINEERS INTERNATIONAL

D4 補修施工図 横断面


縮尺 1:300

2+60.00

2+60 (R)	
盛土	121.40m ²
切土	-
置換工	43.66m ²



地盤高	距離
884.00	-20.00
	902.44
	-17.92
	902.34
	-16.39
	901.50
	-16.48
	901.47
	-11.52
	902.74
	-10.06
	902.74
	-7.97
	902.76
	-6.91
	903.04
	-6.02
	903.27
	-4.36
	903.26
	-4.25
	903.26
	-4.20
	903.26
	0.00
	903.10
	0.34
	903.09
	4.04
	902.81
	4.92
	902.76
	6.24
	902.49
	6.57
	902.34
	6.78
	902.46
	10.22
	902.25
	10.94
	902.20
	11.51
	902.12
	13.98
	901.81
	14.65
	901.65
	17.36
	899.73
	20.00
	897.83
	39.17
	884.00

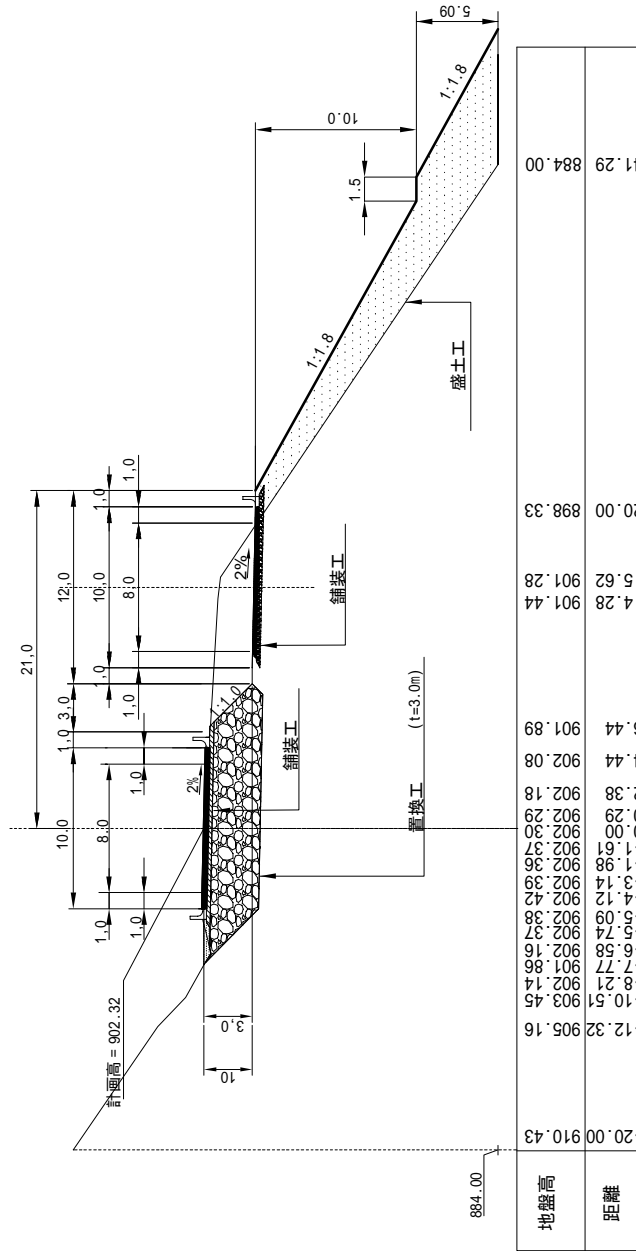
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No.	Date	Description																																					
Approved By :	Date :																																						
Special Designer																																							
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Drawing No.	Sheet No.																																						
Scale :	Date :																																						
Date :	AUG. 2012																																						

D4 補修施工図 横断面図

縮尺 1:300

2+70.00

2+70 (R)	
盛土	75.32m ²
切土	-
置換工	43.67m ²



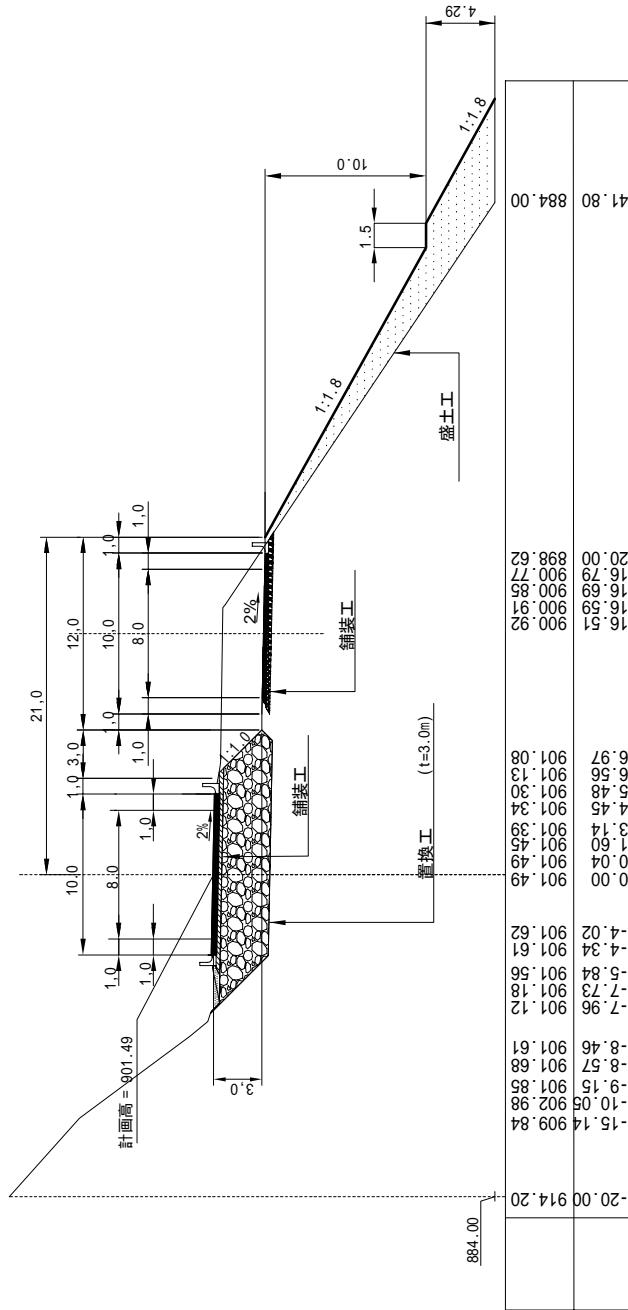
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Ministry of Transport and Construction (MOTC) 42, Lenin Str., Bishkek City, The Kyrgyz Republic				
			TITLE : Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz	
Approved By		Date :		Drawing No.
Checked By		Date :		Scale :
Designed By		Date :		Date : AUG. 2012

D4 補修施工図 横断面

縮尺 1:300

2+80.00

2+80 (R)	
盛土	45.46m ²
切土	-
置換工	43.67m ²



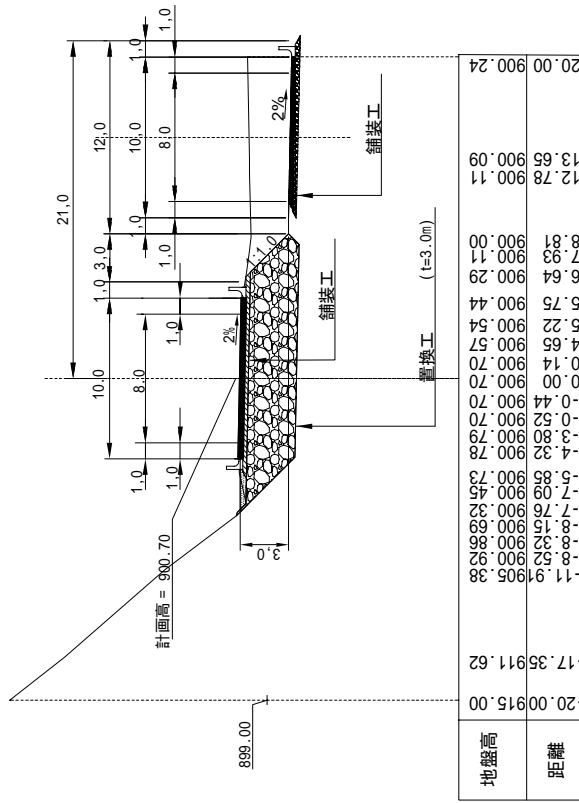
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No.	Date		
Ministry of Transport and Communication (MOTC) 42 Ironov Str. Bishkek City, The Kyrgyz Republic		KATAHARA & ENGINEERS INTERNATIONAL	
Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys		TITLE :	
Approved by	Date :	Checked by	Date :
Designed by	Date :	Scale :	Sheet No.
			AUG. 2012

D4 補修施工図 横断面

縮尺 1:300

2+90.00

2+90 (R)	
盛土	-
切土	-
置換工	43.34m ²



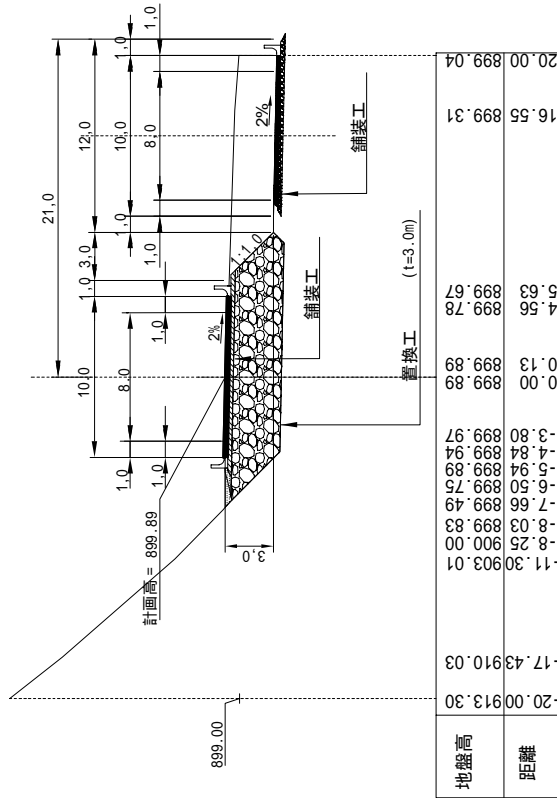
REVISIONS No. Date Description		Ministry of Transport and Communication (MOTC) 42, Manas St., Bishkek City, The Kyrgyz Republic		KATAHARA & ENGINEERS INTERNATIONAL		Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz		TITLE :		Approved By : Checked By : Designated By :	Drawing No. : Scale : Date :	Sheet No. : Date : AUG. 2012
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D4 補修施工図 横断面図

縮尺 1:300

3+00.00

3+00 (R)	
盛土	-
切土	-
置換工	42.57m ²



No.	Date	Description



 Ministry of Transport and Construction (MOTC) of the Kyrgyz Republic



 KATEHARA & ENGINEERS
 KEI INTERNATIONAL

Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE :

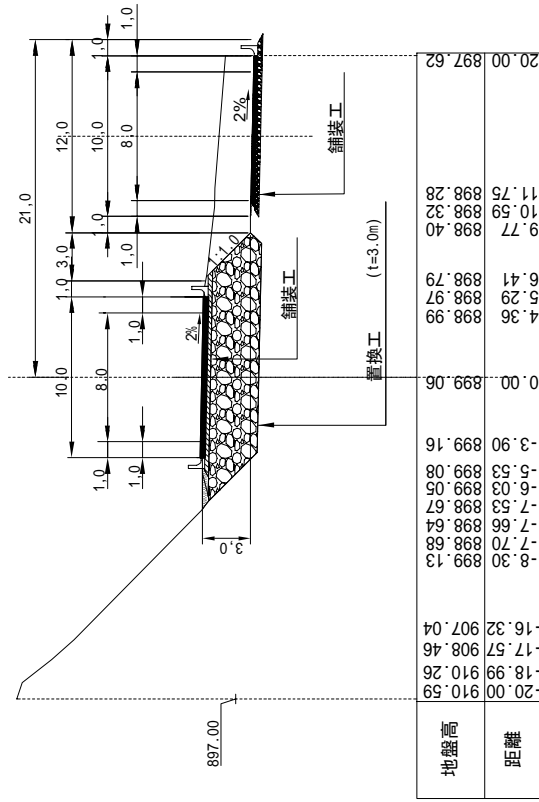
Approved by Special Designer	Date :	Drawing No.	Sheet No.
Checked by :	Date :	Scale :	
Designed by :	Date :	Date :	AUG. 2012


D4 補修施工図 横断面

縮尺 1:300

3+10.00

3+10	
盛土	45.46m ²
切土	-
置換工	42.60m ²



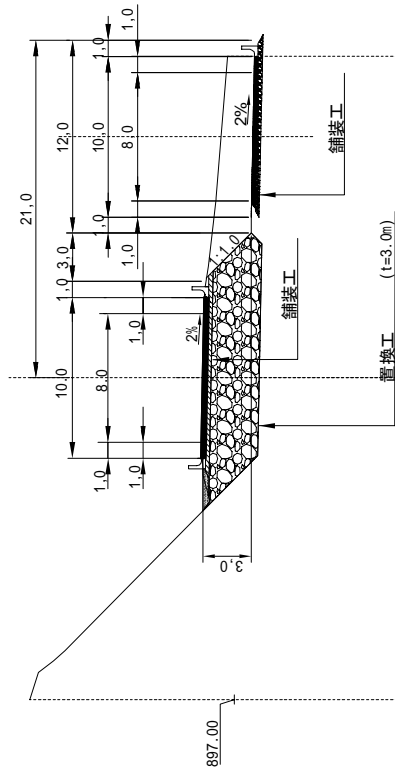
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	Checked By: <u> </u> Date: <u> </u> Scale: <u> </u>	
Ministry of Transport and Construction (MOTC) 42, Manas St., Bishkek City, The Kyrgyz Republic		Designed by: <u> </u> Date: <u> </u>
		TITLE: <u> </u>
KAI INTERNATIONAL ENGINEERS		Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz
Ministry of Transport and Construction (MOTC) 42, Manas St., Bishkek City, The Kyrgyz Republic		Date: <u> </u>

D4 補修施工図 横断面

縮尺 1:300

3+11

3+11	
盛土	-
切土	-
置換工	43.15m ²



地盤高	距離
-20.00	909.74
-18.31	909.19
-17.59	908.26
-16.95	907.54
-8.31	899.03
-7.66	898.54
-6.04	898.95
-5.78	898.96
-3.91	899.05
0.00	898.96
4.34	898.89
5.53	898.86
6.94	898.64
11.10	898.16
11.18	898.15
20.00	897.45

No.	Date	Description



Ministry of Transport and Communications (MOTC) of the Kyrgyz Republic
42 Manas St., Bishkek City, The Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

Approved by: Special Designer
Checked by:
Designed by:

Drawing No.:
Scale:
Date:
Date:
Date:
Date: AUG. 2012

D4数量総括表

項目	種別	単位	数量	備考
盛土工		m3	17,412	
置換工	t=3m	m3	5,247	
置換工	t=1m	m3		
舗装工		m2	1,700	
舗装撤去工		m3	336	
路面排水溝		m	170	
小段排水溝		m	50	
縦排水溝		箇所	1	
管渠工 延伸	φ 2.0m	m		
管渠工 延伸	φ 1.5m	m	13.9	

D4盛土工計算書

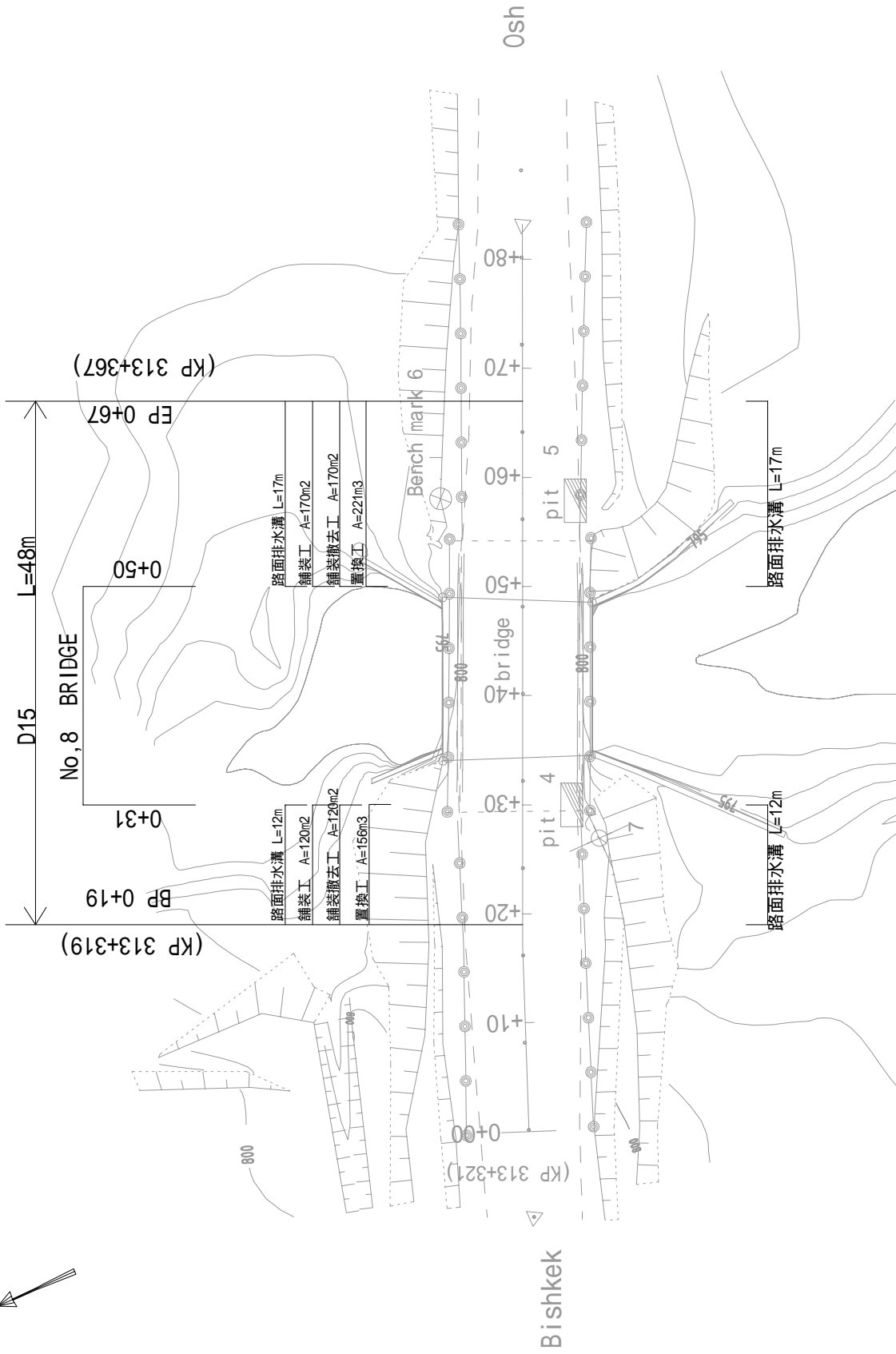
KP	短距離 m	左側		右側	
		断面積 m2	土量 m3	断面積 m2	土量 m3
2+00	0			146.97	0.00
2+10	10			142.79	1,448.80
2+20	10			168.00	1,553.95
2+30	10			160.02	1,640.10
2+40	10			136.97	1,484.95
2+50	10			137.72	1,373.45
2+60	10			121.40	1,295.60
2+70	10			755.32	4,383.60
2+80	10			45.46	4,003.90
2+90	10			0.00	227.30
3+00	10			0.00	0.00
3+10	10			0.00	0.00
小計	110		0.00		17,411.65
合計			17,411.65		

D4置換工 (t=3m)

KP	単距離 m	断面積 m2	体積 m3
2+00	10	43.16	0.00
2+10	10	43.59	433.75
2+20	10	43.62	436.05
2+30	10	46.59	451.05
2+40	10	43.62	451.05
2+50	10	43.62	436.20
2+60	10	43.66	436.40
2+70	10	43.67	436.65
2+80	10	43.67	436.70
2+90	10	43.34	435.05
3+00	10	42.57	429.55
3+10	10	43.60	430.85
3+20	10	43.15	433.75
合計	130	5,247.05	

D15 (K:P 313+340 - K:P 313+388 L=48m)

補修施工図 平面図 縮尺 1: 500

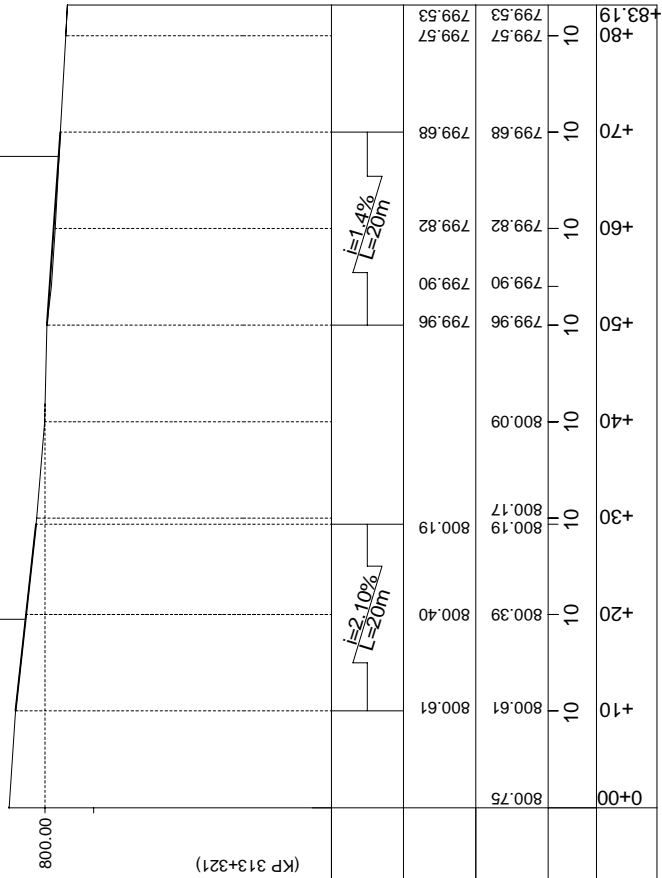
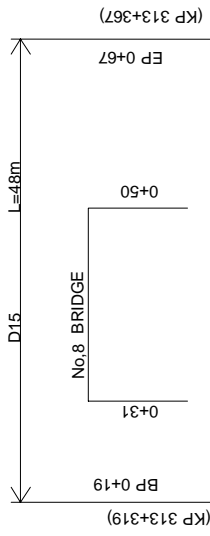


No.	Date	Description

<p>Ministry of Transport and Communication (MOTC) 42, Tashov Str, Bishkek, City, The Kyrgyz Republic</p>	<p>Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SPS) in Kyrgyz</p>	<p>THIS:</p>	<p>Approved by: General Manager</p>	<p>Drawing No.:</p>	<p>Sheet No.:</p>
	<p>KATYRAA & ENGINEER INTERNATIONAL</p>	<p>Checked by:</p>	<p>Date:</p>	<p>Scale:</p>	<p>Date:</p>
<p>Ministry of Transport and Communication (MOTC) 42, Tashov Str, Bishkek, City, The Kyrgyz Republic</p>	<p>Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SPS) in Kyrgyz</p>	<p>Designed by:</p>	<p>Date:</p>	<p>Date:</p>	<p>Date:</p>
<p>Ministry of Transport and Communication (MOTC) 42, Tashov Str, Bishkek, City, The Kyrgyz Republic</p>	<p>Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SPS) in Kyrgyz</p>	<p>Date:</p>	<p>Date:</p>	<p>Date:</p>	<p>AUG. 2012</p>

D 15 (K.P. 313+319 - K.P. 313+367 L=48m)

補修施工図 横断面



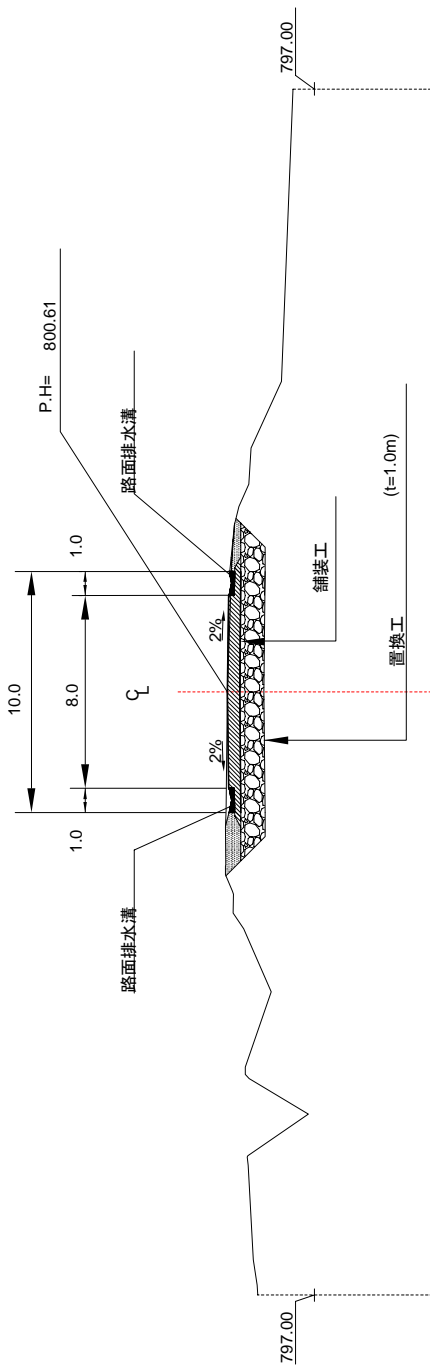
S 1:500 水平
S 1:100 垂直

項目	勾配	計面高	地盤高	単距離	No.
		800.61	800.61	10	0+00
		800.40	800.39	10	+20
		800.19	800.19	10	+30
		800.09	800.09	10	+40
		799.96	799.96	10	+50
		799.90	799.90	10	+55
		799.82	799.82	10	+60
		799.68	799.68	10	+70
		799.57	799.57	10	+80
		799.53	799.53	10	+83.19

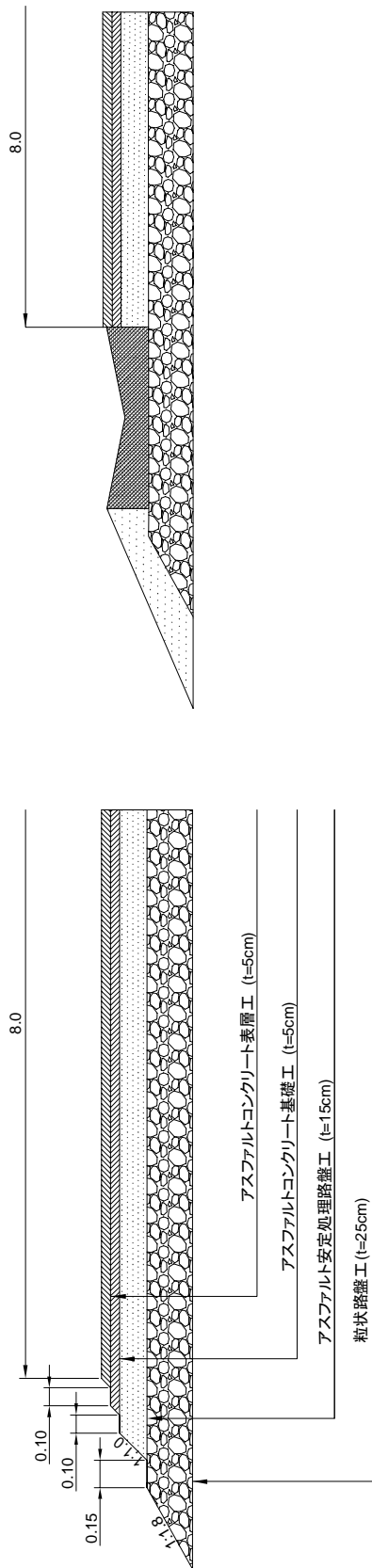
REVISIONS		Approved by:		Drawing No.		Sheet No.	
No.	Date	Description	General Manager	Date	Scale	Date	
			Checked by:				
			Designed by:				AUG. 2012
			TITLE : Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz			Approved by: General Manager	
Ministry of Transport and Construction (MOTC) 42 Isaeva St. Bishkek City, The Kyrgyz Republic.						Approved by: General Manager	

D 15 補修施工図 標準横断面

縮尺1:200



舗装詳細図 縮尺 1:25



REVISIONS	DESCRIPTION	DATE	DESIGNED BY	CHECKED BY	APPROVED BY	DRAWING NO.	SHEET NO.

TITLE:	Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz
Approved by:	General Manager
Checked by:	
Designed by:	AUS-2012
Date:	
Date:	
Date:	

Ministry of Transport and Communication (MOTC) 42 Bessary St. Bishkek City, The Kyrgyz Republic		
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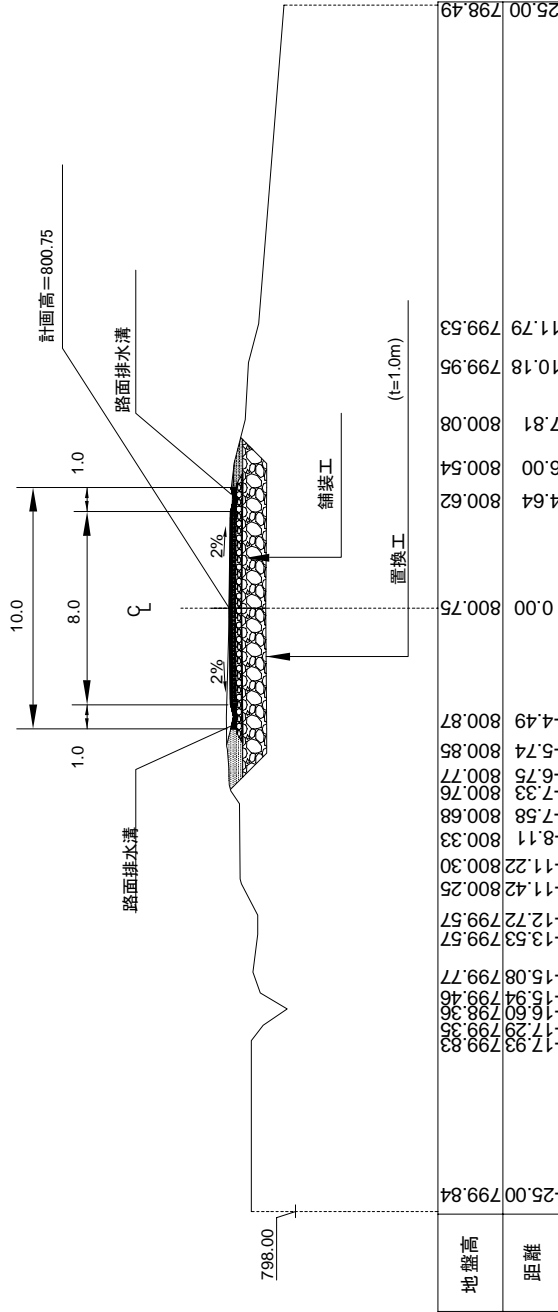
D15 補修施工図 横断面図

縮尺 1:200

0+00

0+00 (L)	
盛土	-
切土	-

0+00 (R)	
盛土	-
切土	-



REVISIONS



Ministry of Transport and Construction (MOTC)
42 Isaeva St. Bishkek City, The Kyrgyz Republic.



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

Drawing No.:
Scale:
Date: AUS-2012

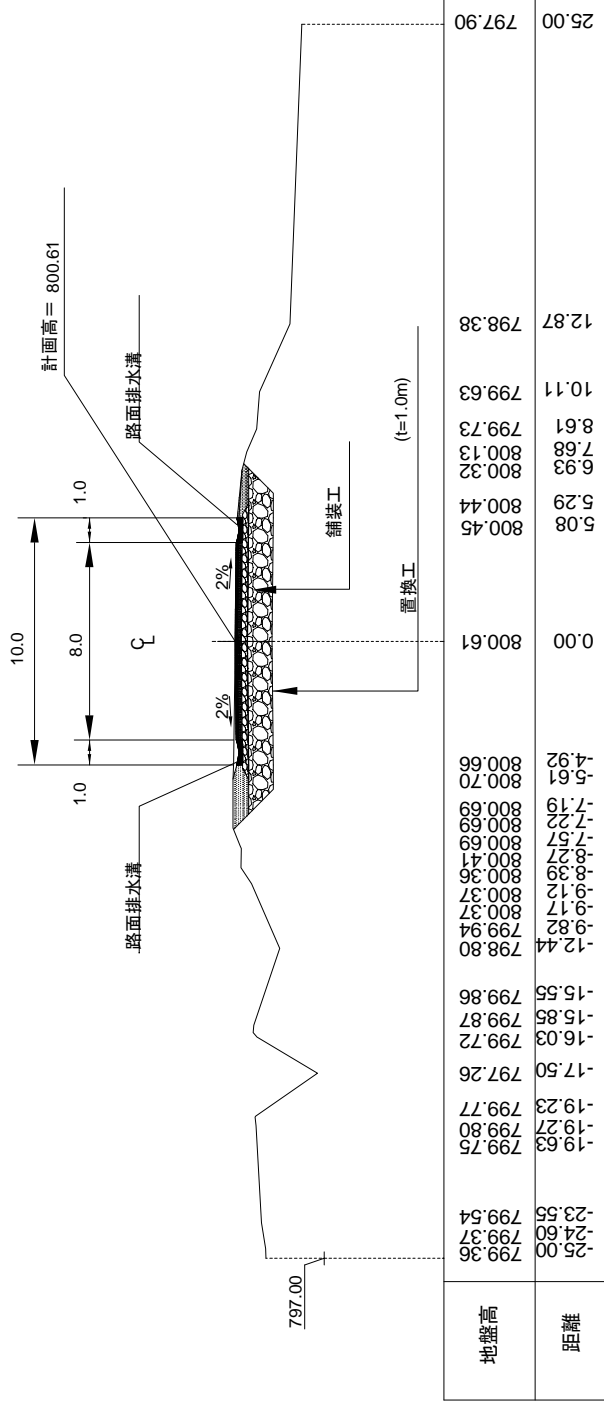
D15 補修施工図 横断面図

縮尺 1:200

0+10

0+10 (R)	
盛土	-
切土	-

0+10 (L)	
盛土	-
切土	-



地盤高	距離
799.36	-25.00
799.37	-24.60
799.54	-23.55
799.75	-19.63
799.80	-19.27
799.77	-19.23
797.26	-17.50
799.72	-16.03
799.87	-15.85
799.86	-15.55
798.80	-12.44
799.94	-9.82
800.37	-9.17
800.37	-9.12
800.36	-8.39
800.41	-8.27
800.41	-8.27
800.69	-7.57
800.69	-7.22
800.69	-7.19
800.70	-5.61
800.66	-4.92
800.61	0.00
800.45	5.08
800.44	5.29
800.32	6.93
800.13	7.68
799.73	8.61
799.63	10.11
798.38	12.87
797.90	25.00

REVISIONS	Description					
No.	Date	By	Checked	Date	By	Checked
Ministry of Transport and Communication (MOTC) 42, Isaev Street, Bishkek City, The Kyrgyz Republic			Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz			
						
TITLE:						
	Approved by:	Date:	Drawing No.:	Sheet No.:		
	General Manager					
	Checked by:	Date:	Scale:			
	Designed by:	Date:				
					Date: AUG-2012	

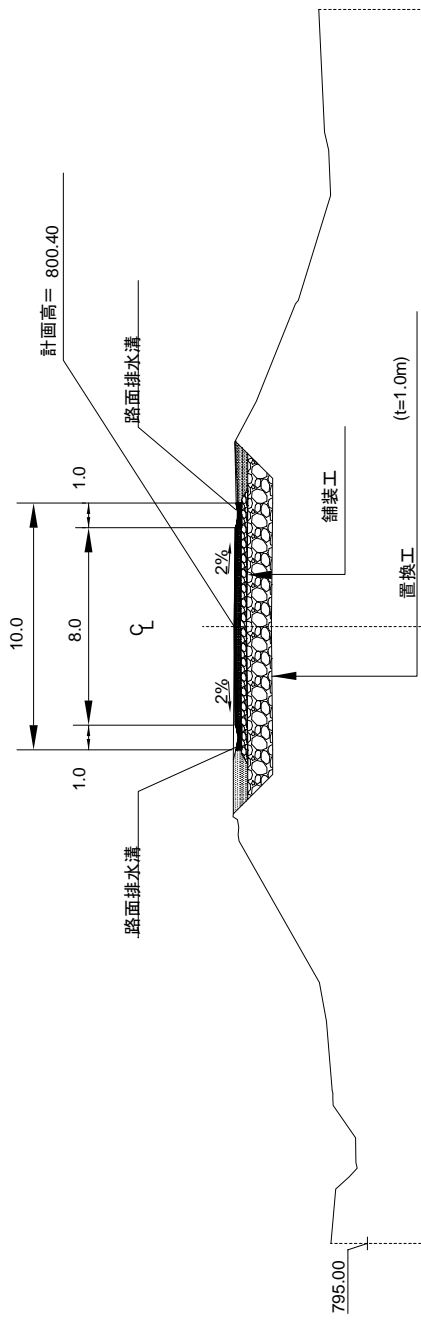
D15 補修施工図 横断面図

縮尺 1:200

0+20

0+20 (L)	
盛土	-
切土	-

0+20 (R)	
盛土	-
切土	-



地盤高	-25.00	796.47	796.28	796.28	796.28	796.28	795.74	795.41	795.46	795.46	-20.72	795.48	-19.41	796.38	-19.14	796.39	-18.91	796.39	-18.82	796.42	-16.00	796.65	-14.43	796.94	-8.70	800.19	-8.45	800.24	-8.14	800.21	-7.82	800.25	-7.72	800.43	-7.60	800.43	-5.36	800.43	0.00	800.39	5.31	800.25	7.45	800.36	7.49	800.36	9.13	799.49	13.07	797.91	13.21	797.80	17.46	796.49	19.29	796.56	20.04	796.73	25.00	796.97
距離																																																												

No.	Description

Ministry of Transport and Communication (MOTC)
 42, Isaan, Sair, Bishkek City, The Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

Approved by: General Manager	Date: _____
Checked by:	Date: _____
Designed by:	Date: _____
Drawing No.	Sheet No.
Scale:	Date: AUCS-2012

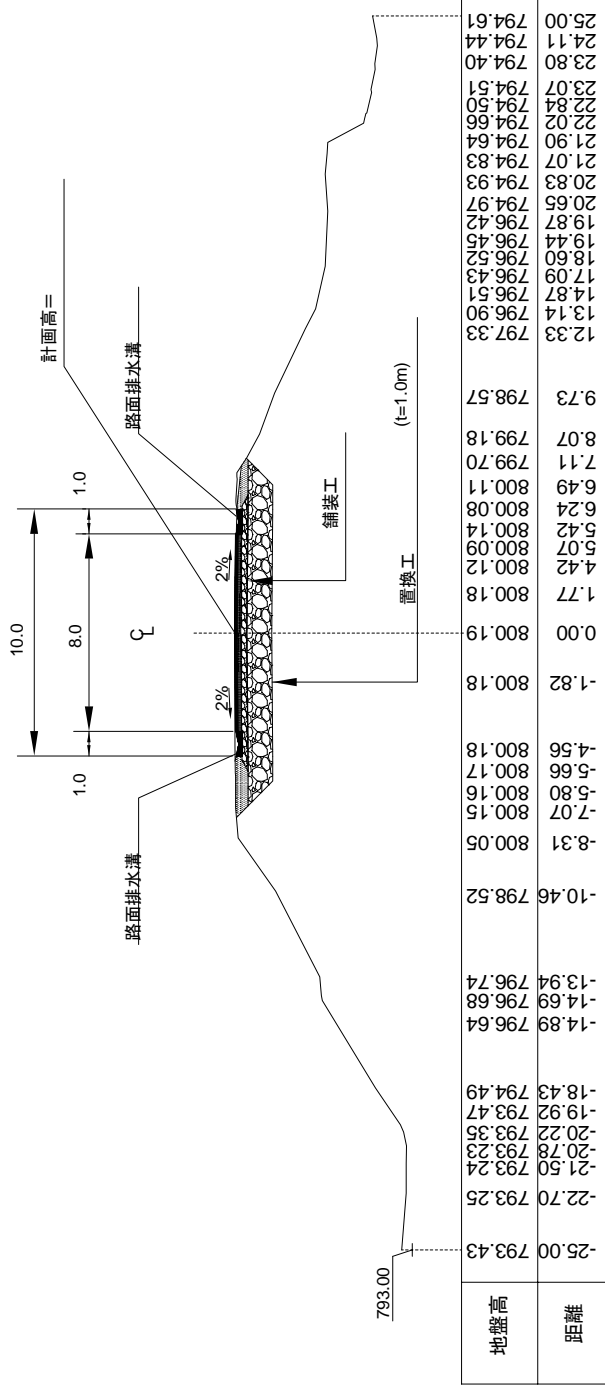
D15 補修施工図 横断面図

縮尺 1:200

0+29.31

0+29.31 (L)	
盛土	-
切土	-

0+29.31 (R)	
盛土	-
切土	-



REVISED	Description



Ministry of Transport and Communication (MOTC)
42 Isaeva Street, Bishkek City, The Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by:	Date:	Drawing No.	Sheet No.
General Manager			
Checked by:	Date:	Scale:	
Designed by:	Date:	Date:	AUG-2012

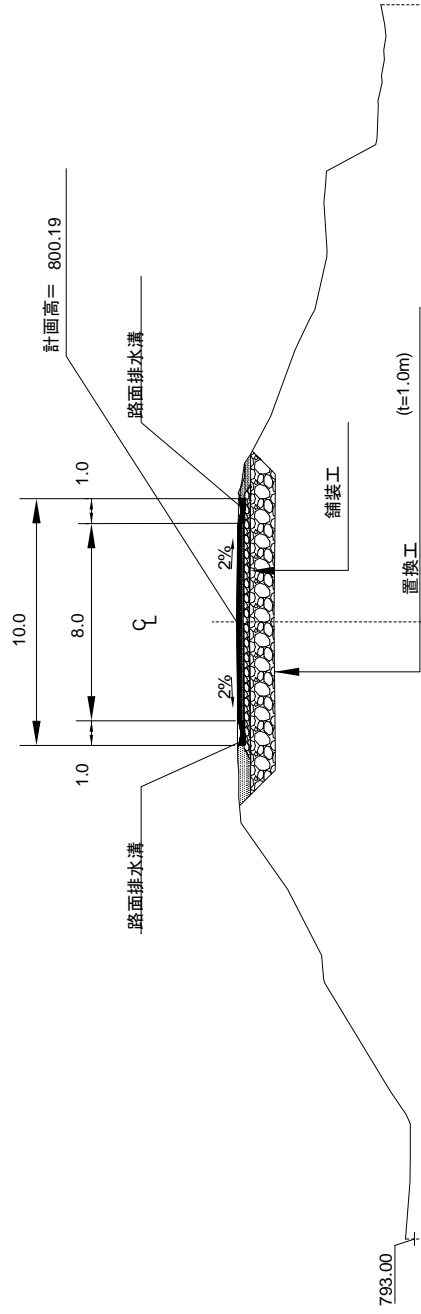
D15 補修施工図 横断面図

縮尺 1:200

0+30

0+30 (L)	
盛土	-
切土	-

0+30 (R)	
盛土	-
切土	-



地盤高	距離
793.36	-25.00
793.18	-22.69
793.17	-21.65
793.17	-20.45
793.17	-20.34
793.33	-19.96
793.97	-19.02
796.65	-14.61
796.68	-14.46
796.76	-13.51
798.13	-10.84
800.03	-8.15
800.11	-7.10
800.13	-6.02
800.15	-5.82
800.16	-5.65
800.17	-4.99
800.16	-4.99
800.17	-4.99
799.88	8.34
799.88	6.43
799.87	6.34
799.87	6.34
800.14	5.21
800.11	5.12
800.13	4.75
800.16	3.21
800.16	3.14
800.16	3.21
797.23	12.28
797.03	12.66
796.55	14.79
796.54	15.03
796.66	17.00
796.61	17.88
796.56	18.27
794.56	19.33
794.52	19.60
794.46	20.91
794.47	21.11
794.30	21.86
794.34	22.15
794.22	22.78
794.24	23.17
794.16	23.73
794.20	24.20
794.36	25.00

REVISED	Description



Ministry of Transport and Communication (MOTC)
42, Isaeva Street, Bishkek City, The Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by:	Date:	Drawing No.	Sheet No.
General Manager			
Checked by:	Date:	Scale:	
Designed by:	Date:	Date:	AUG-2012

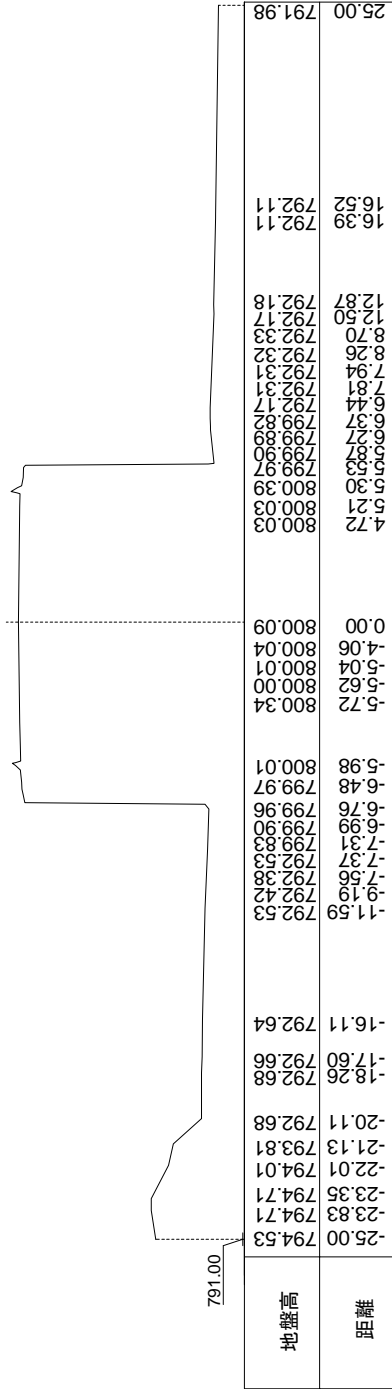
D15 補修施工図 横断面図

縮尺 1:200

0+40

0+40 (R)	
盛土	-
切土	-

0+40 (L)	
盛土	-
切土	-



地盤高	距離	25.00	791.98
-25.00	794.53	16.39	792.11
-23.83	794.71	12.87	792.18
-23.35	794.71	8.70	792.17
-22.01	794.01	8.26	792.32
-21.13	793.81	7.94	792.31
-20.11	792.68	7.81	792.31
-18.26	792.68	6.44	792.17
-17.60	792.68	6.37	799.82
-16.11	792.64	6.27	799.89
-11.59	792.53	5.87	799.90
-9.19	792.42	5.53	799.97
-7.56	792.38	5.30	800.39
-7.31	792.83	5.21	800.03
-6.99	799.90	4.72	800.03
-6.76	799.66	0.00	800.09
-6.48	799.97	-4.06	800.04
-5.98	800.01	-5.04	800.01
-5.72	800.34	-5.62	800.00
-5.72	800.34	-5.72	800.34

REVISED	Description



Ministry of Transport and Communication (MOTC)
42 Isaeva Street, Bishkek City,
The Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by:	Date:	Drawing No.	Sheet No.
General Manager			
Checked by:		Scale:	
Designed by:		Date:	
		Date:	AUG-2012

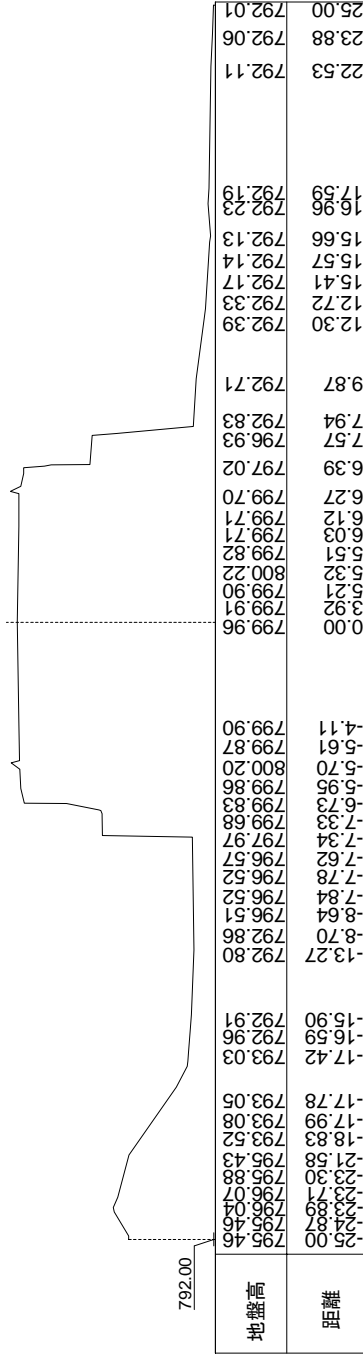
D15 補修施工図 横断面図

縮尺 1:200

0+48.73

0+48.73 (L)	
盛土	-
切土	-

0+48.73 (R)	
盛土	-
切土	-



REVISED	Description



Ministry of Transport and Communication (MOTC)
42, Isaev Str, Bishkek City, The Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by:	General Manager	Date:	
Checked by:		Date:	
Designed by:		Date:	
Drawing No.		Sheet No.	
Scale:		Date:	
Date:		Date:	
AUG-2012			

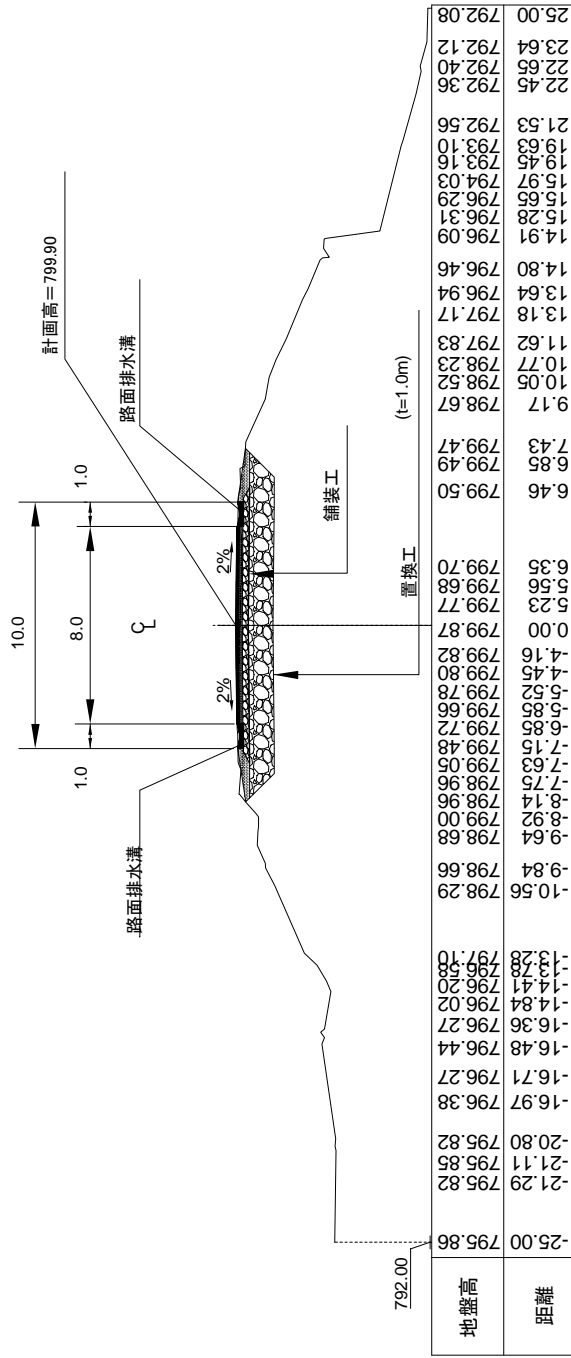
D15 補修施工図 横断面

縮尺 1:200

0+54.16

0+54.16 (L)	
盛土	-
切土	-

0+54.16 (R)	
盛土	-
切土	-



REVISED	Description

Ministry of Transport and Communication (MOTC)
42, Isaev Street, Bishkek City, The Kyrgyz Republic

KATAHARA & ENGINEERS
KEI INTERNATIONAL

Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by:	Date:	Drawing No.	Sheet No.
General Manager			
Checked by:	Date:	Scale:	
Designed by:	Date:	Date:	ADD-2012

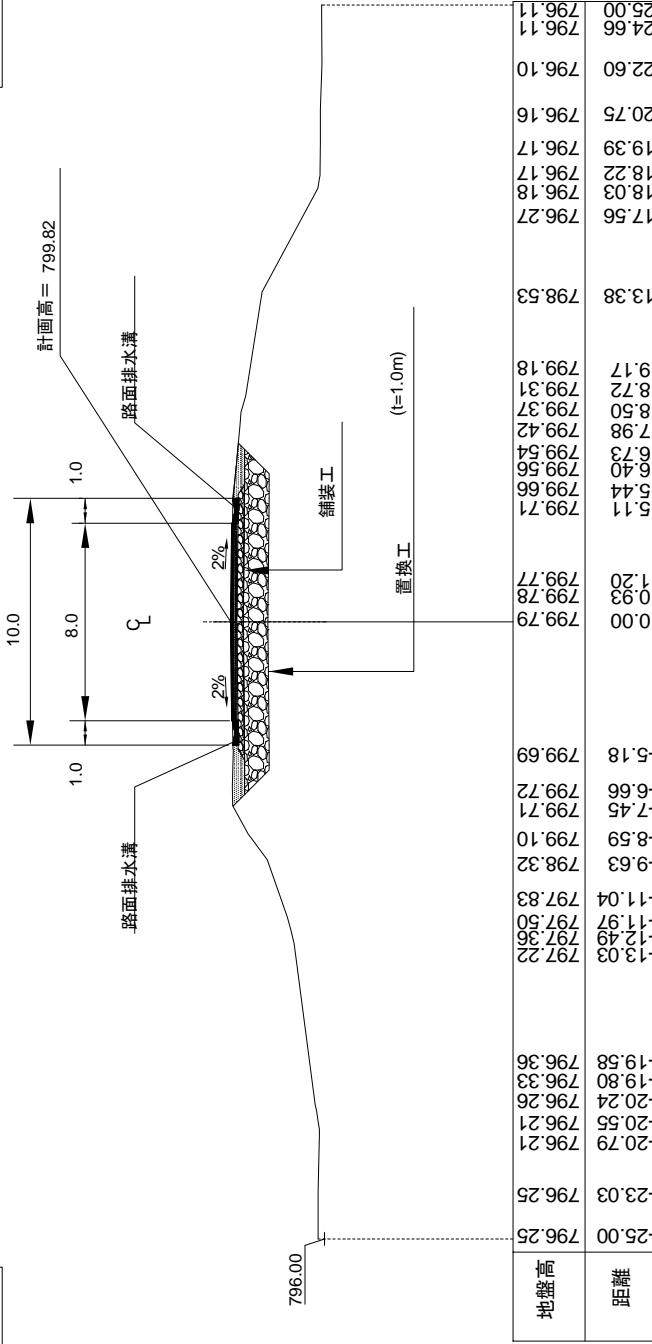
D15 補修施工図 横断面図

縮尺 1:200

0+60

0+60 (L)	
盛土	-
切土	-

0+60 (R)	
盛土	-
切土	-



REVISED	Description



Ministry of Transport and Communication (MOTC)
42, Isaev Street, Bishkek City, The Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by:	Date:
Checked by:	Date:
Designed by:	Date:

Drawing No.	Sheet No.
Scale:	Date:
Date:	Date:
Date:	Date:

AUCS-2012

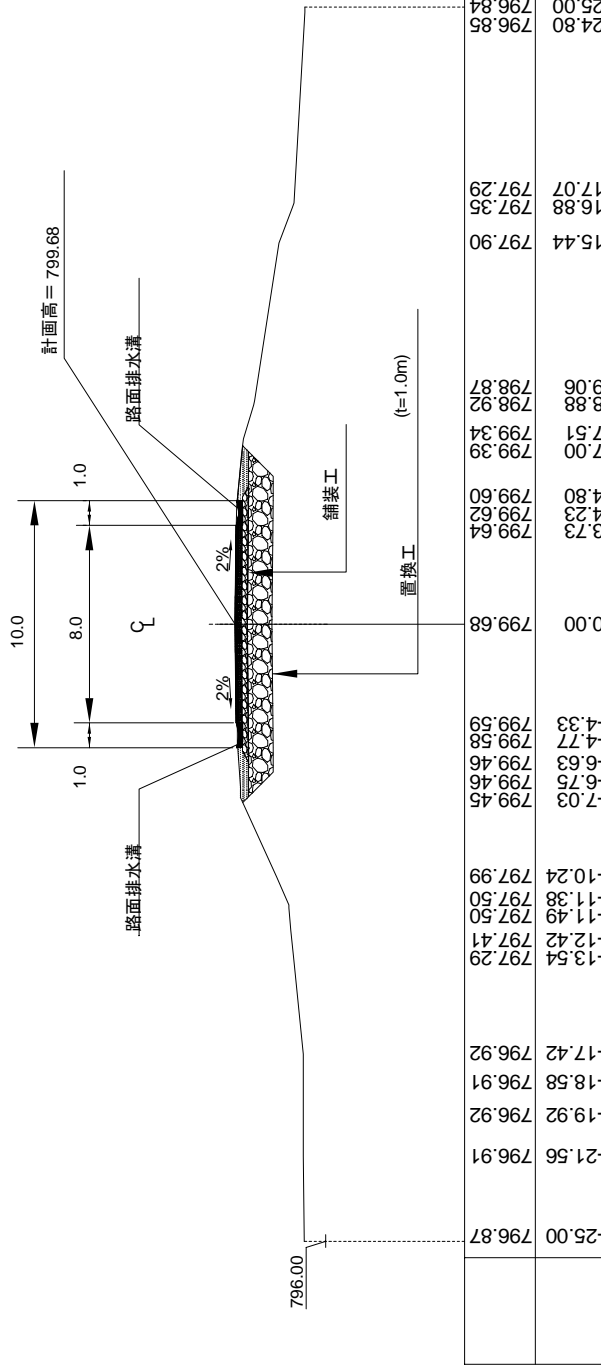
D15 補修施工図 横断面図

縮尺 1:200

0+70

0+70 (L)	
盛土	-
切土	-

0+70 (R)	
盛土	-
切土	-



REVISED	Description



Ministry of Transport and Communication (MOTC)
42, Isaev Street, Bishkek City, The Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by:	Date:	Drawing No.	Sheet No.
General Manager			
Checked by:	Date:	Scale:	
Designed by:	Date:	Date:	
			AUCS-2012

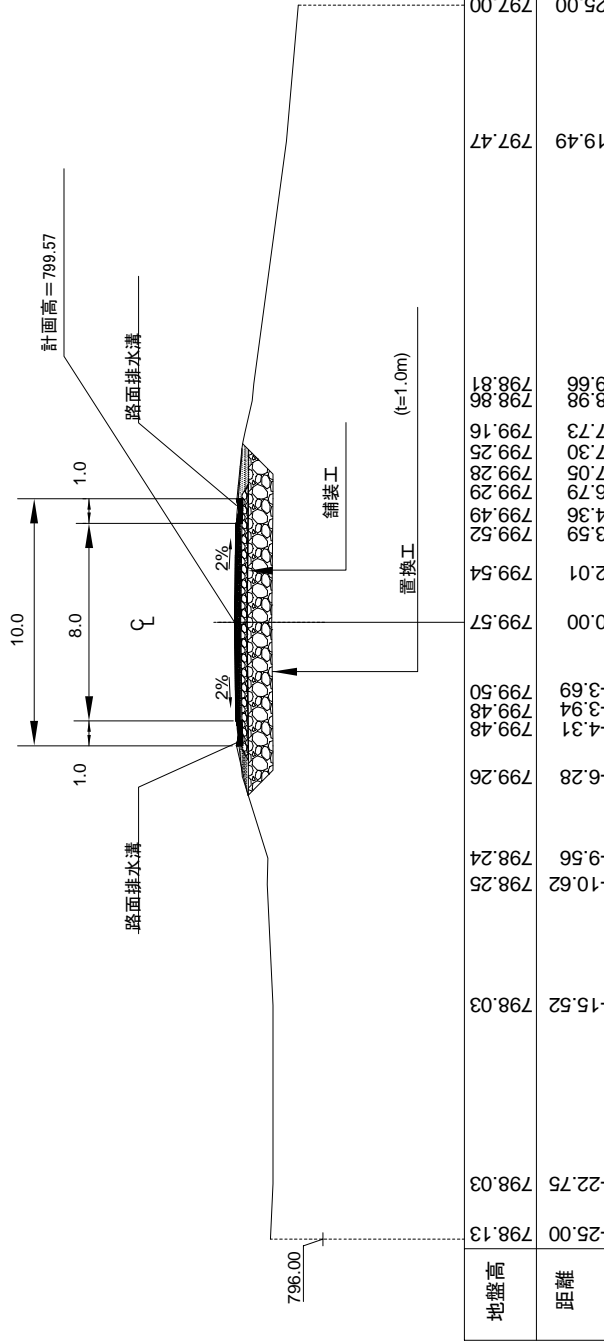
D15 補修施工図 横断面

縮尺 1:200

0+80

0+80 (L)	
盛土	-
切土	-

0+80 (R)	
盛土	-
切土	-



地盤高	798.13	-25.00	798.03	-22.75	798.03	-15.52	798.25	-10.62	798.24	-9.56	799.26	-6.28	799.48	-4.31	799.48	-3.94	799.50	-3.69	799.57	0.00	799.54	2.01	799.52	3.59	799.49	4.36	799.29	6.79	799.28	7.05	799.25	7.30	799.16	7.73	798.86	8.98	797.47	19.49	797.00	25.00					
距離																																													

REVISED	Description



 Ministry of Transport and Communication (MOTC)

 42, Isaev Street, Bishkek City, The Kyrgyz Republic



 KATAHARA & ENGINEERS

 KEI INTERNATIONAL

Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by:	General Manager	Date:		Drawing No.		Sheet No.	
Checked by:		Date:		Scale:			
Designed by:		Date:		Date:		ADD-2012	

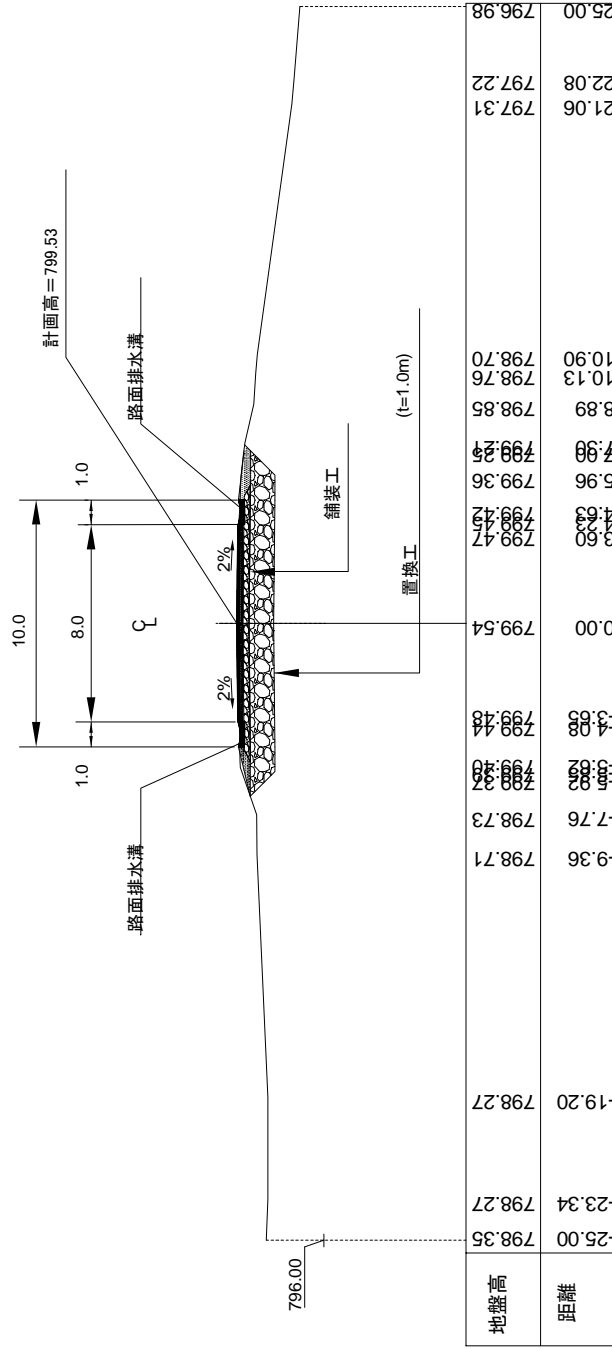
D15 補修施工図 横断面図

縮尺 1:200

0+83.19

0+83.19 (L)	
盛土	-
切土	-

0+83.19 (R)	
盛土	-
切土	-



REVISIONS	Description



Ministry of Transport and Communication (MOTC)
42 Isaeva Street, Bishkek City,
The Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager	Date:	Drawing No.	Sheet No.
Checked by:	Date:	Scale:	
Designed by:	Date:	Date:	2012

D15 数量総括表

項目	種別	単位	数量	備考
盛土工		m3	0	
置換工	t=3m	m3		
置換工	t=1m	m3	377.00	
舗装工		m2		
舗装撤去工		m2		
路面排水溝		m		
小段排水溝		m		
縦排水溝		箇所		
管渠工 延伸	φ 2.0m	m		

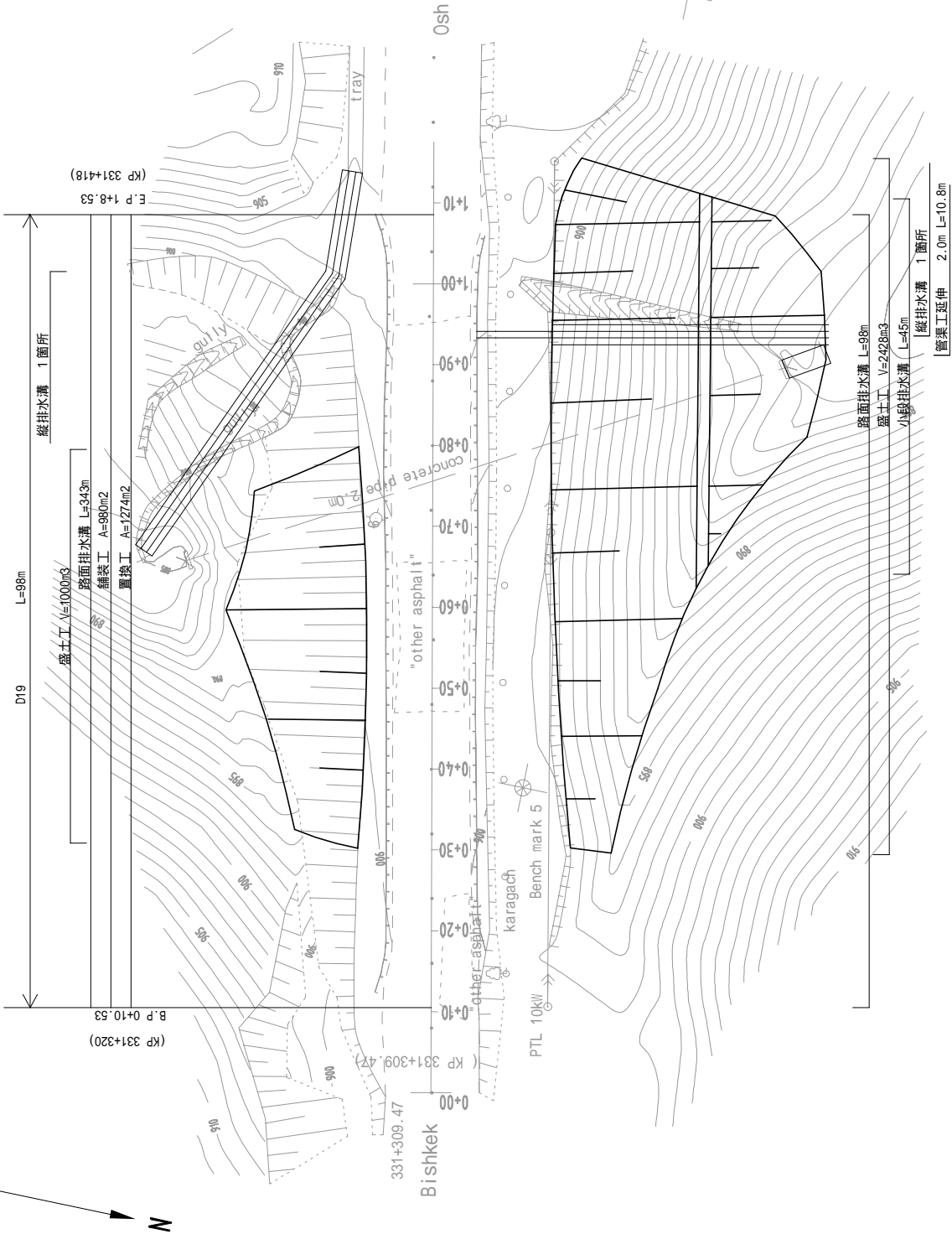
D15 盛土工計算書

KP	短距離 m	左側		右側	
		断面積 m2	土量 m3	断面積 m2	土量 m3
小計	0		0.00		0.00
合計			0.00		



D15 置換工 (t=1m)

KP	単距離 m	断面積 m2	体積 m3
0+19			
0+31	12	13.00	156.00
0+50			
0+67	17	13.00	221.00
合計	29		377.00

D19 (K:P 331+320- K:P 331+418 L=98m)
 補修施工圖 平面圖 縮尺 1: 500

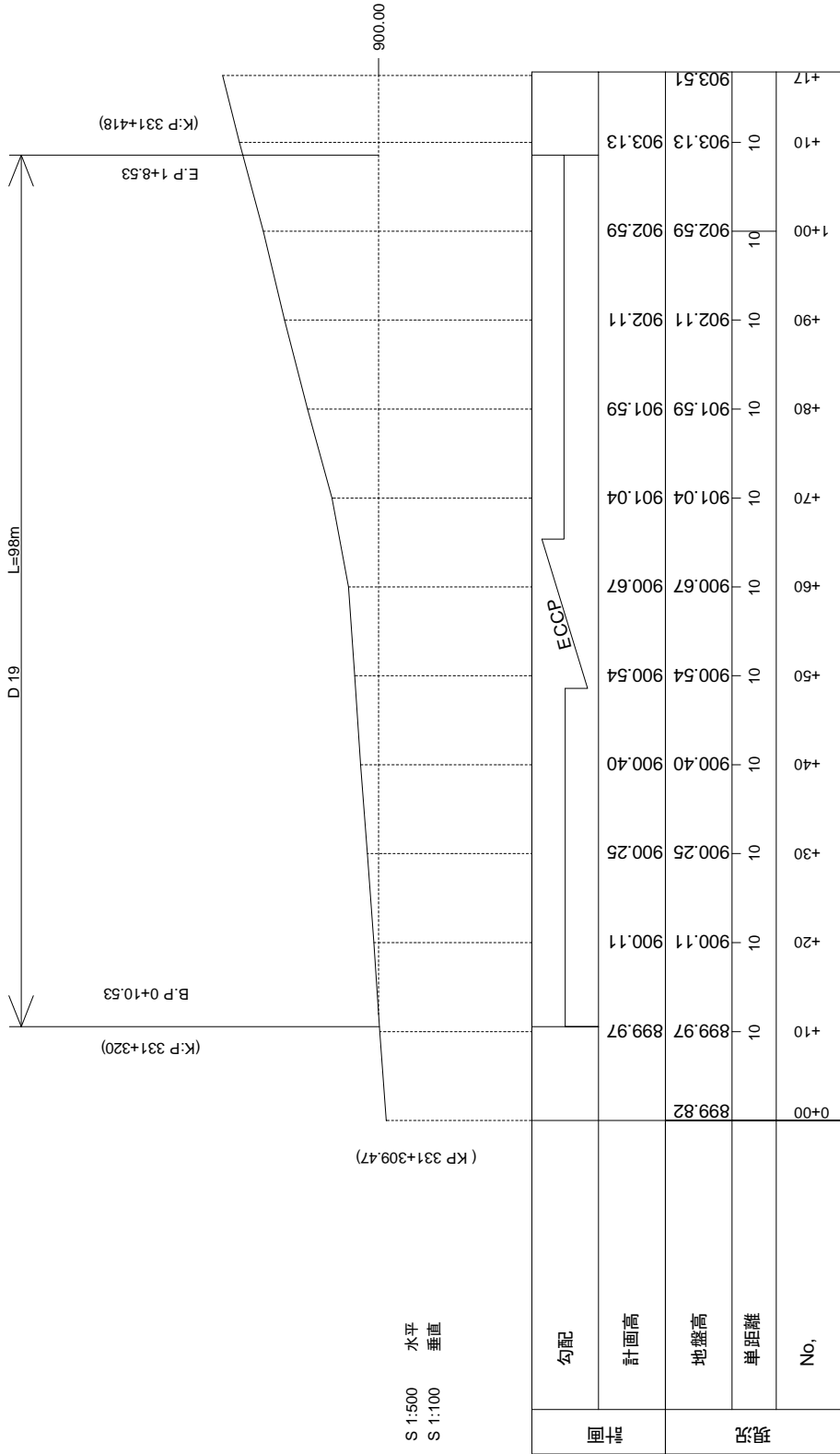


REVISIONS		Description	Date	No.
No.	Date			

Ministry of Transport and Construction (MOTC) 42 Lenin Str. Bishkek City, The Kyrgyz Republic			TITLE : Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys	
			Approved by: Special Designer	Date :
			Checked by :	Date :
Designated by :	Date :	Drawing No.	Sheet No.	
Date :	Date :	Scale :	Date :	
Date :	Date :	Date :	Date :	

D 19 (K.P. 331+320- K.P. 331+418 L=98m)

補修施工図 縦断面



S 1:500 水平
S 1:100 垂直

平面	勾配
縦断面	No.
	単距離
	地盤高
	計画高

No.	Date	Description

Ministry of Transport and Communications (MOTC)
42 Manas St. Bishkek, Kyrgyz Republic



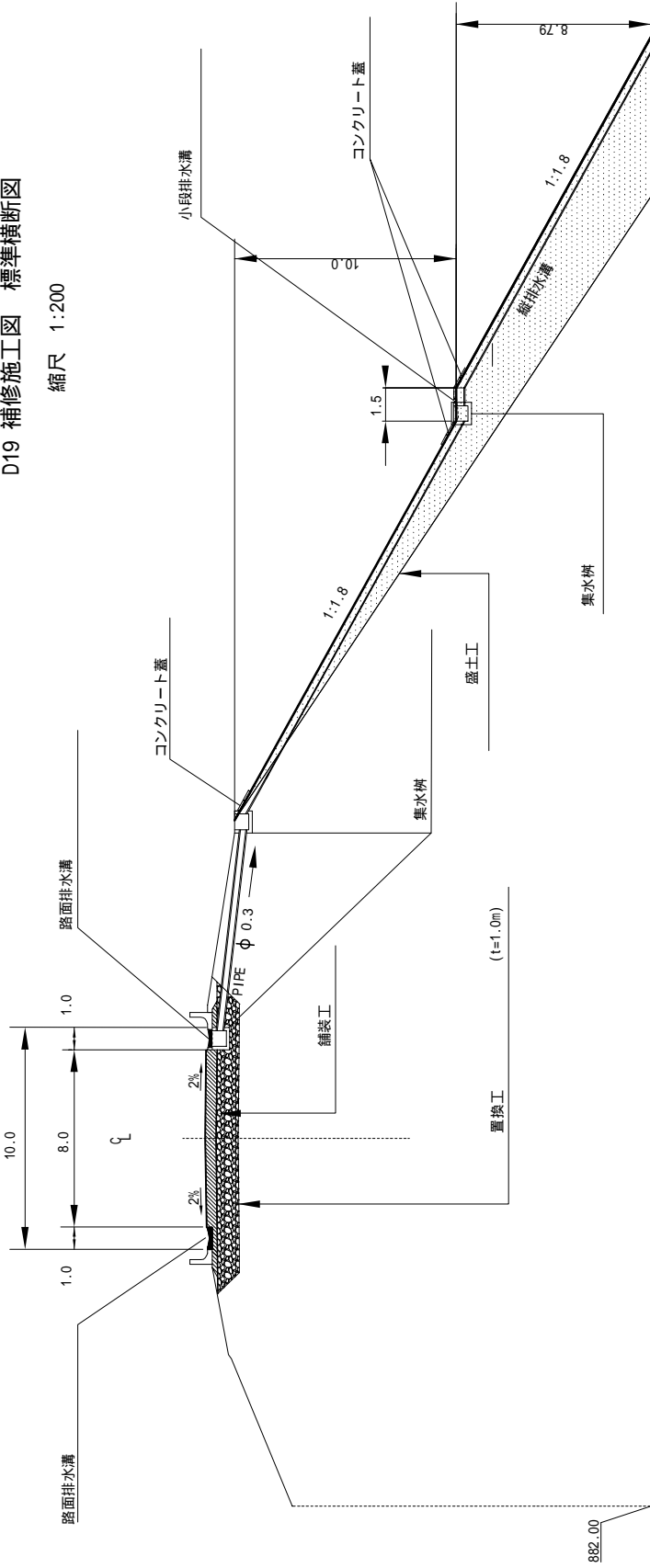
Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

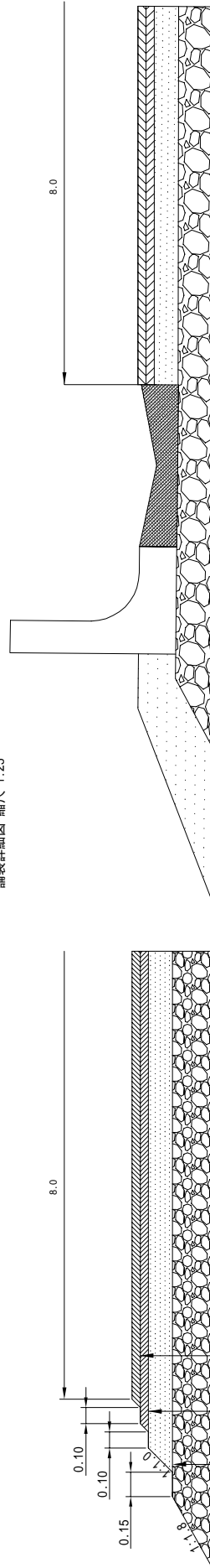
Approved by: General Manager	Date:	Drawing No.	Sheet No.
Checked by:	Date:	Scale:	
Designed by:	Date:	Date:	AUG. 2012

D19 補修施工図 標準横断面

縮尺 1:200



舗装詳細図 縮尺 1:25



No.	Date	Description	Approved By	Date	Drawing No.	Sheet No.
			Special Designer			
			Checked By		Scale	
			Designed by		Date	AUG. 2012

TITLE :
Special Assistance
for Project Sustainability
on Bishkek-Osh Road
Rehabilitation Project Phase 2
(SAPS) in Kyrgyz



Ministry of Transport
and Communications
(MOTC)
42 Lenin Str. Bishkek City,
The Kyrgyz Republic



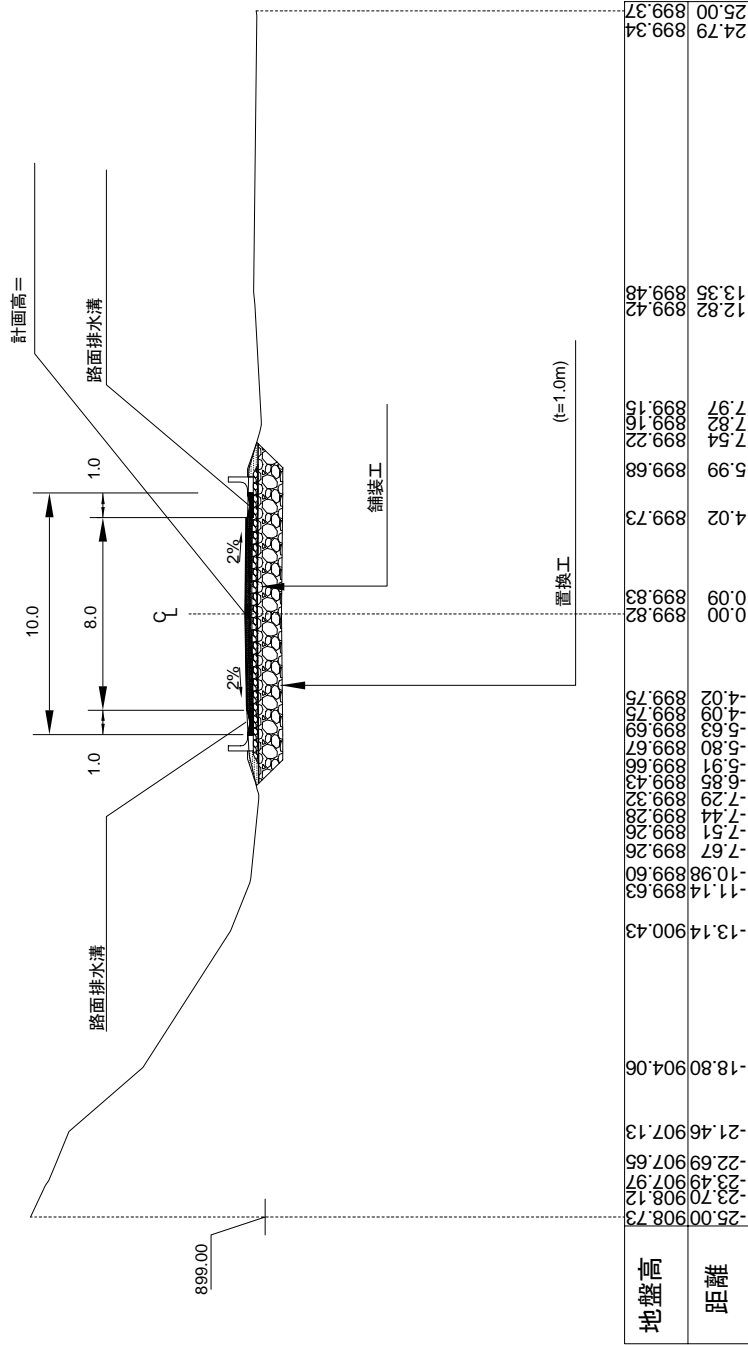
D19 補修施工図 横断面

縮尺 1:200

0+00

0+00 (R)	
盛土	-
切土	-

0+00 (L)	
盛土	-
切土	-



地盤高	距離	25.00	908.73	-23.49	907.97	-22.69	907.65	-21.46	907.13	-18.80	904.06	-13.14	900.43	-11.14	899.63	-10.98	899.60	-7.67	899.26	-7.51	899.26	-7.44	899.28	-7.29	899.33	-6.85	899.66	-5.91	899.43	-5.80	899.67	-5.63	899.69	-4.09	899.75	-4.02	899.75	0.09	899.83	0.00	899.83	4.02	899.73	5.99	899.68	7.54	899.22	7.83	899.16	7.97	899.16	12.82	899.42	13.35	899.42	24.79	899.34	25.00	899.37
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REVISIONS	
No.	Date



Ministry of Transport and Communications (MOTC)
42 Bishkek Str. Bishkek, Chy. The Kyrgyz Republic.



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

Drawing No. _____
Scale: _____
Date: AUG. 2012

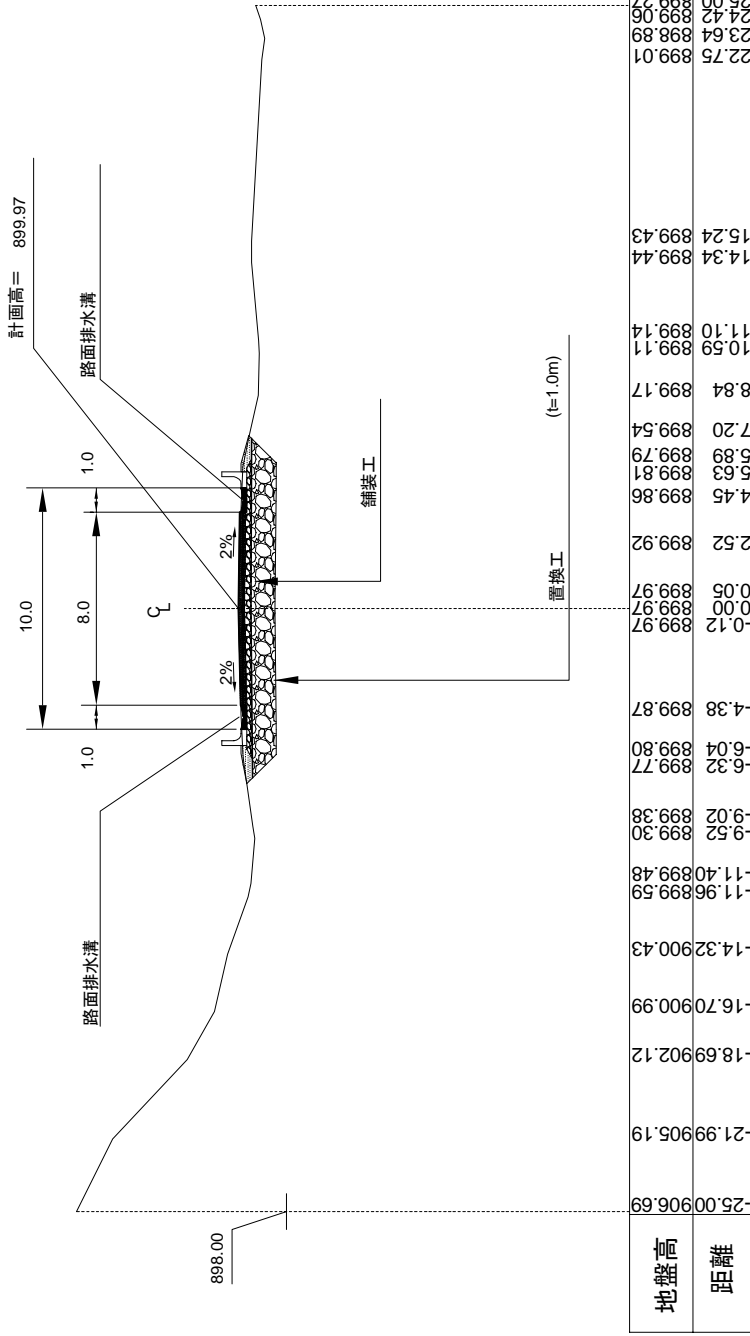
D19 補修施工図 横断面

縮尺 1:200

0+10

0+10 (R)	
盛土	-
切土	-

0+10 (L)	
盛土	-
切土	-



REVISIONS

No.	Date	Description

Ministry of Transport and Communications (MOTC)
42 Tynys St. Bishkek, Kyrgyz Republic.

KATAHARA & ENGINEERS
KEI INTERNATIONAL

TITLE:
Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

Approved by: General Manager
Checked by:
Designed by:

Drawing No.:
Scale:
Date: AUG. 2012

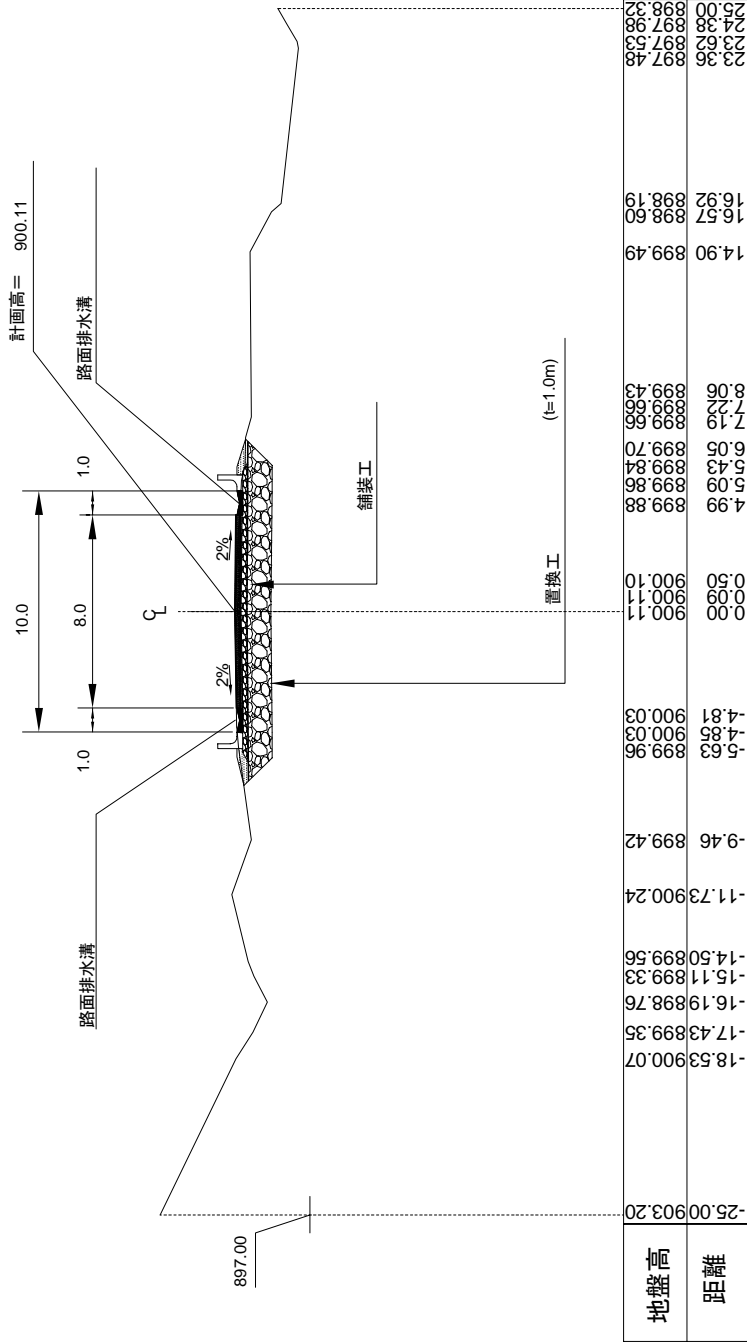
D19 補修施工図 横断面

縮尺 1:200

0+20

0+20 (R)	
盛土	-
切土	-

0+20 (L)	
盛土	-
切土	-



No.	Date	Description



Ministry of Transport and Communications (MOTC)
42 Lenin Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

Drawing No. _____
Scale: _____
Date: AUG. 2012

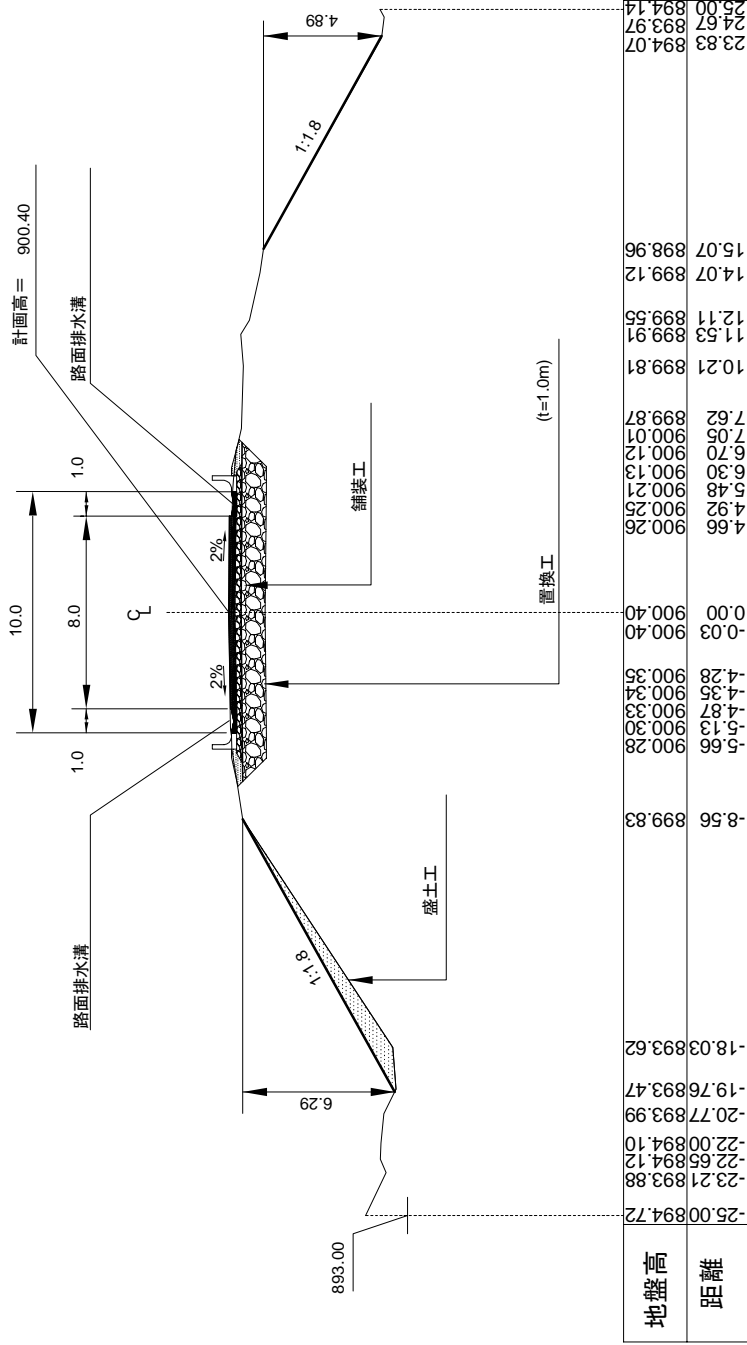
D19 補修施工図 横断面

縮尺 1:200

0+40

0+40 (L)	
盛土	5.43m ²
切土	-

0+40 (R)	
盛土	-
切土	-



No.	Date	Description



Ministry of Transport and Construction (MOTC)
42 Bishkek Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

Drawing No. _____ Sheet No. _____
Scale: _____
Date: _____ Date: _____ Date: _____
Date: AUG. 2012

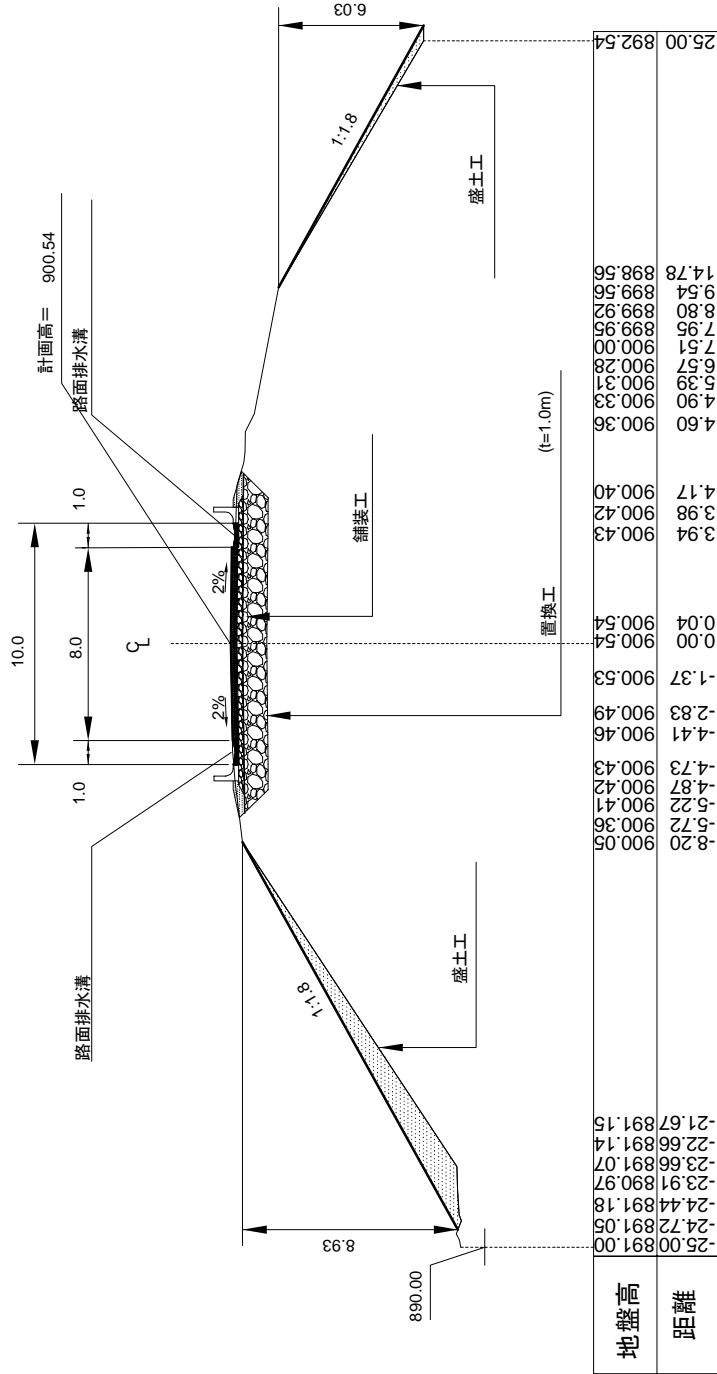
D19 補修施工図 横断面

縮尺 1:200

0+50

0+50 (R)	
盛土	1.88m ²
切土	-

0+50 (L)	
盛土	11.52m ²
切土	-



地盤高	距離
891.00	-25.00
891.05	-24.72
891.18	-24.44
890.97	-23.91
891.07	-23.66
891.14	-22.66
891.15	-21.67
900.05	-8.20
900.36	-5.72
900.41	-5.22
900.42	-4.87
900.43	-4.73
900.46	-4.41
900.49	-2.83
900.53	-1.37
900.54	0.00
900.54	0.04
900.43	3.94
900.42	3.98
900.40	4.17
900.36	4.60
900.33	4.90
900.31	5.39
900.28	6.57
900.00	7.51
899.99	7.96
899.92	8.80
899.56	9.54
892.54	25.00

No.	Date	Description



Ministry of Transport and Communications (MOTC) of the Kyrgyz Republic
42 Bishkek Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

Drawing No.:
Scale:
Date: AUG. 2012

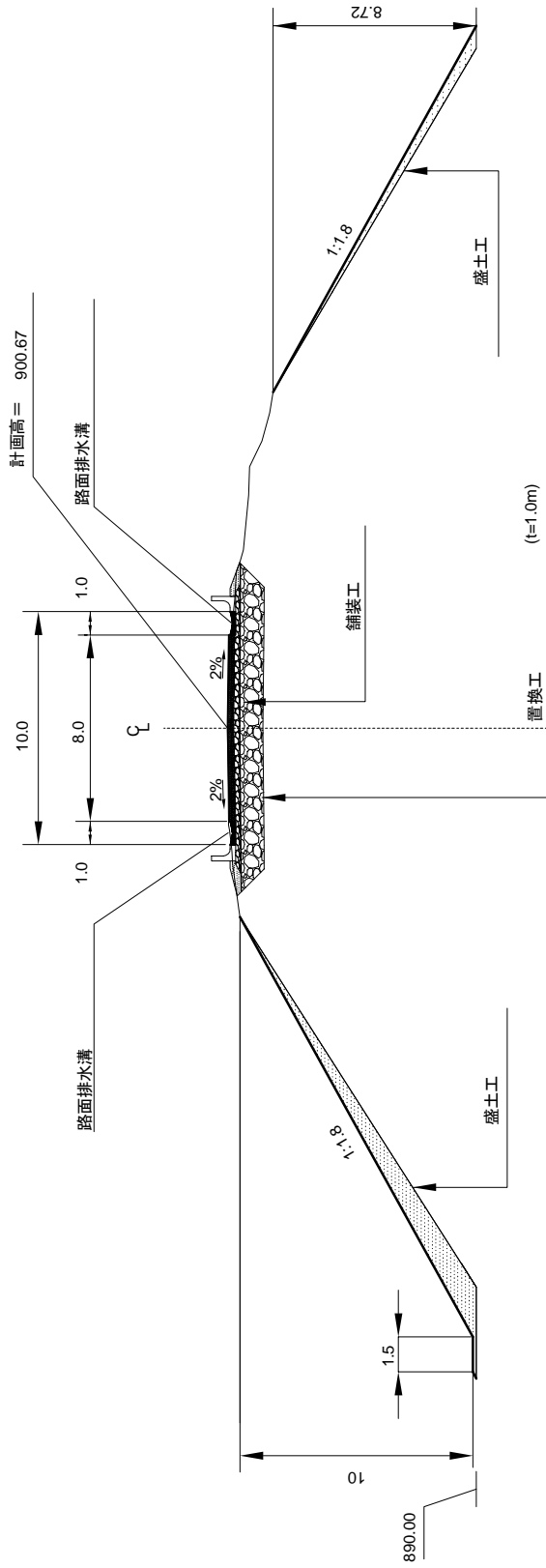
D19 補修施工図 横断面

縮尺 1:200

0+60

0+60 (L)	
盛土	12.54m ²
切土	-

0+60 (R)	
盛土	4.20m ²
切土	-



地盤高	距離	890.12	890.17	-25.00	890.12	-23.70	890.17	900.16	900.20	-7.76	900.47	900.49	900.54	900.60	900.64	900.67	900.67	0.00	0.12	0.96	4.06	4.14	4.40	4.69	5.14	5.50	6.22	6.76	7.18	7.64	8.99	11.22	899.74	12.31	899.20	13.51	898.89	14.41	898.72	25.00	892.45	29.14	890.00
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REVISIONS	
No.	Date



Ministry of Transport and Communications (MOTC)
42 Bazaar St. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

Drawing No. _____
Scale: _____
Date: AUG. 2012

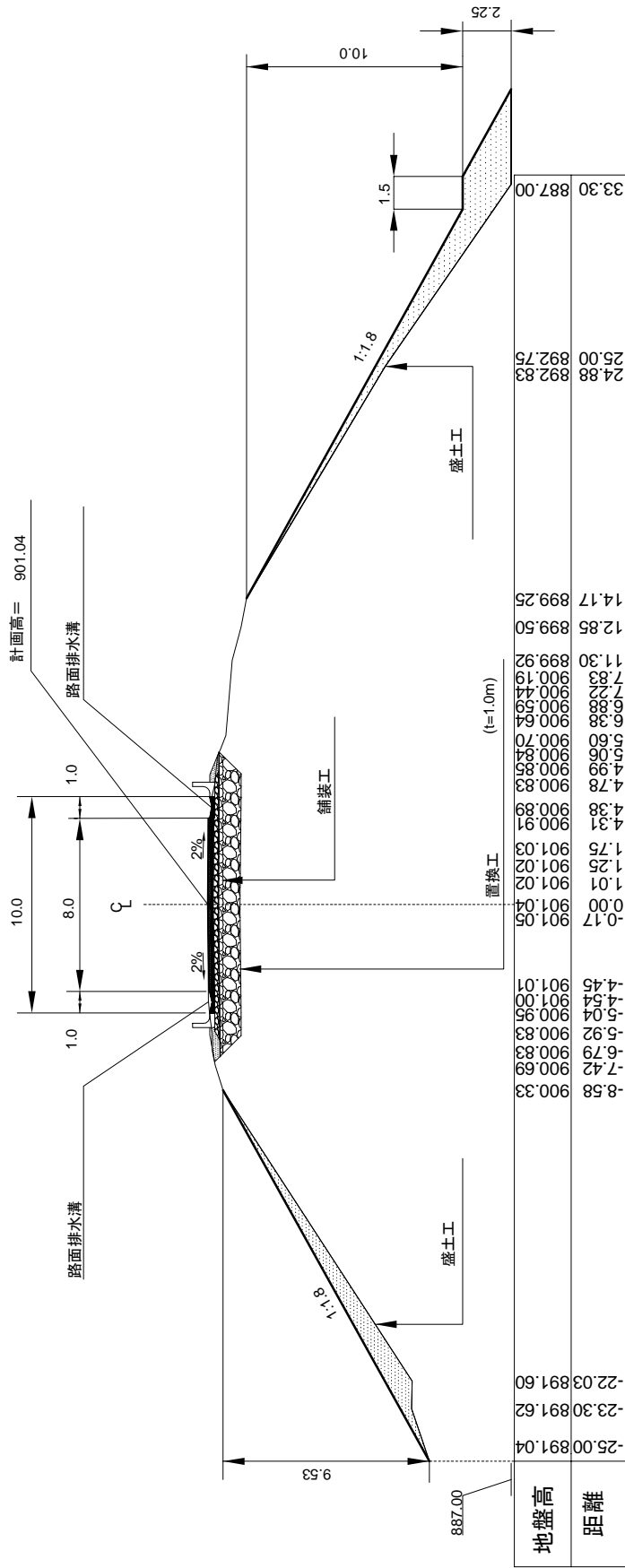
D19 補修施工図 横断面

縮尺 1:200

0+70

0+70 (R)	
盛土	17.03m ²
切土	-

0+70 (L)	
盛土	10.22m ²
切土	-



REVISIONS	
No.	Date



Ministry of Transport and Communications (MOTC) of the Kyrgyz Republic
42 Bazaar St. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

Drawing No.:
Scale:
Date: AUG. 2012

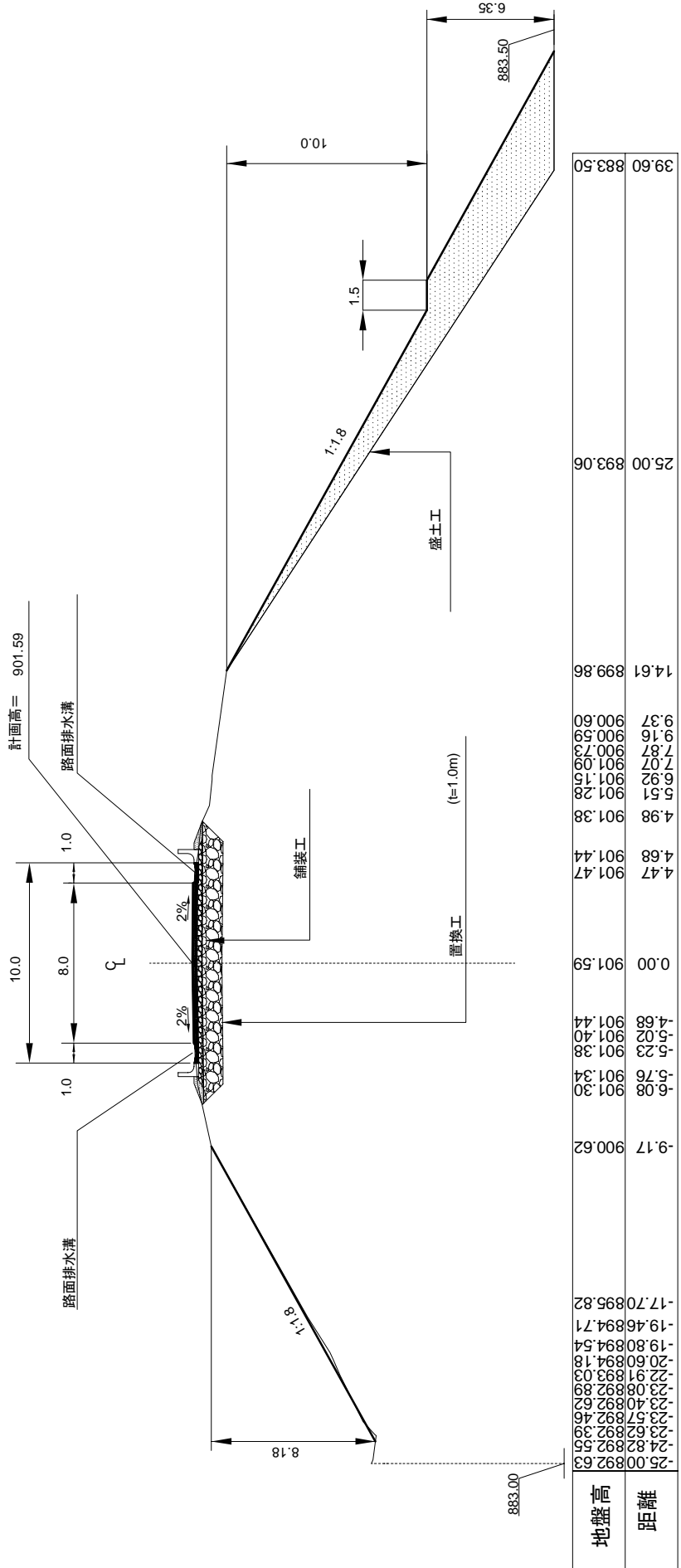
D19 補修施工図 横断面

縮尺 1:200

0+80

0+80 (L)	
盛土	-
切土	-

0+80 (R)	
盛土	45.86m ²
切土	-



No.	Date	Description


 Ministry of Transport
 and Civil Aviation
 (MOTC) of Kyrgyzstan
 42 Baimak Str. Bishkek, Ky.
 The Kyrgyz Republic.


KEI INTERNATIONAL
ATAHARA & ENGINEERS

**Special Assistance
 for Project Sustainability
 on Bishkek-Osh Road
 Rehabilitation Project Phase 2
 (SAPS) in Kyrgyz**

TITLE:

Approved by: General Manager	Date:	Sheet No.:
Checked by:	Date:	Scale:
Designed by:	Date:	Date: AUG. 2012

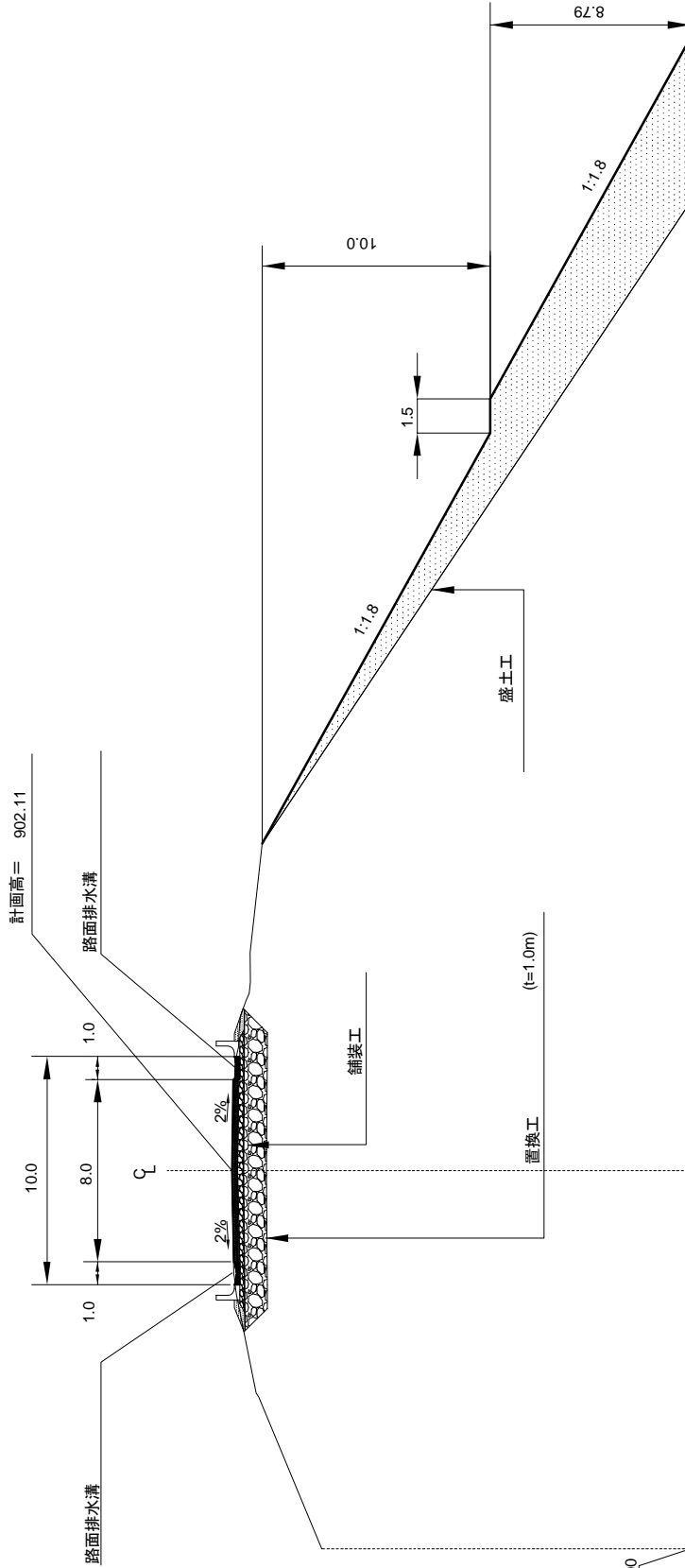
D19 補修施工図 横断面

縮尺 1:200

0+90

0+90 (L)	
盛土	-
切土	-

0+90 (R)	
盛土	66.49m ²
切土	-



地盤高	882.00	-9.94	-9.76	-9.48	-5.48	-4.66	-4.55	0.00	0.02	4.63	5.02	5.44	5.44	6.02	6.77	7.47	8.26	9.55	14.34	25.00	42.48	
距離	900.93	901.06	901.92	902.11	901.97	901.92	901.83	901.83	901.81	901.74	901.49	901.39	901.32	900.79	893.67	882.00						

No.	Date	Description

REVISIONS

Ministry of Transport and Communications (MOTC) 42 Namye Str. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

Drawing No.:
Scale:
Date: AUG. 2012

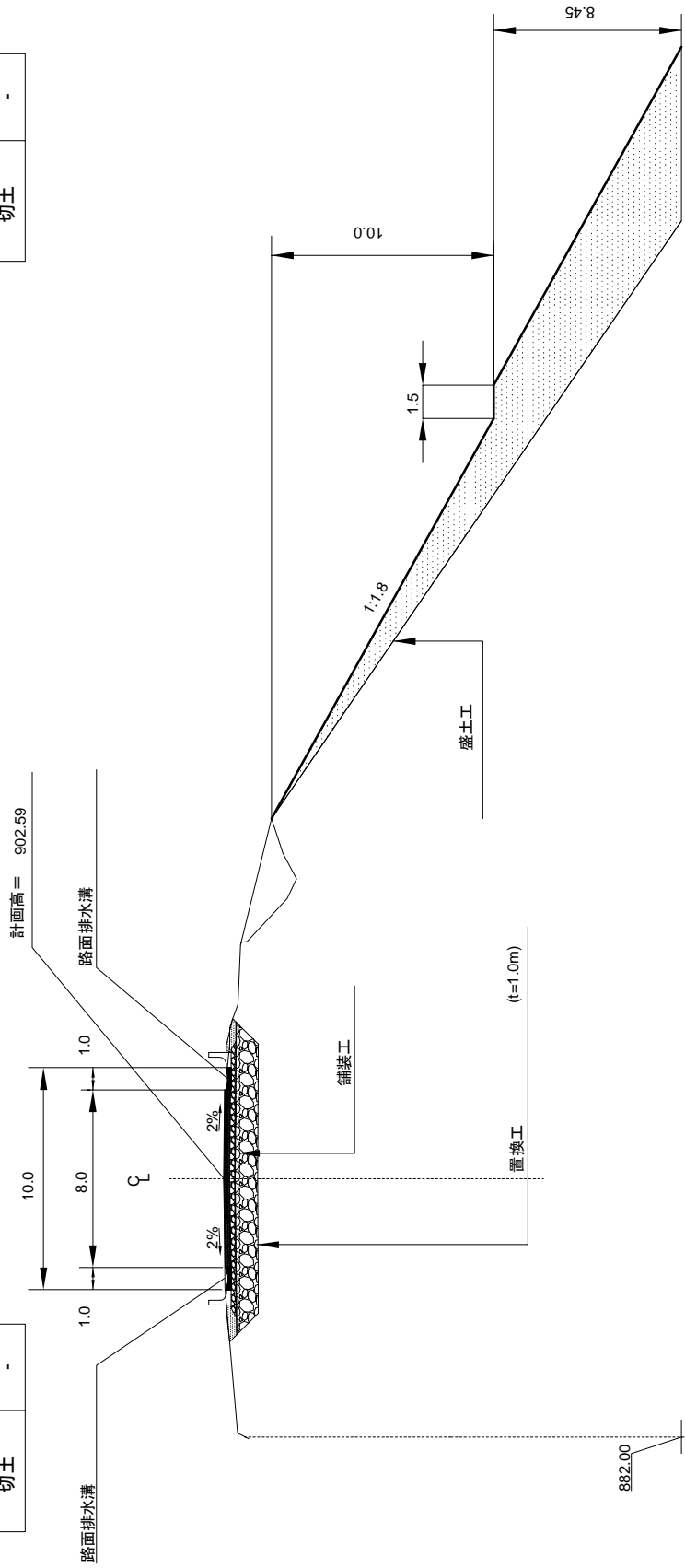
D19 補修施工図 横断面

縮尺 1:200

1+00

1+00 (L)	
盛土	-
切土	-

1+00 (R)	
盛土	71.11m ²
切土	-



地盤高	距離	882.00	-11.70	-11.45	-11.52	901.84	901.99	902.48	902.39	902.41	902.37	902.38	902.39	902.38	902.32	902.34	902.32	902.27	901.97	7.84	10.53	901.85	10.63	901.82	10.66	901.56	12.60	899.75	13.50	899.33	14.63	899.94	16.20	900.46	31.43	890.00	43.09	882.00
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No.	Date	Description



Ministry of Transport and Communications (MOTC)
42 Bazaar St. Bishkek, Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE:

Approved by: General Manager
Checked by:
Designed by:

Drawing No.:
Scale:
Date: AUG. 2012

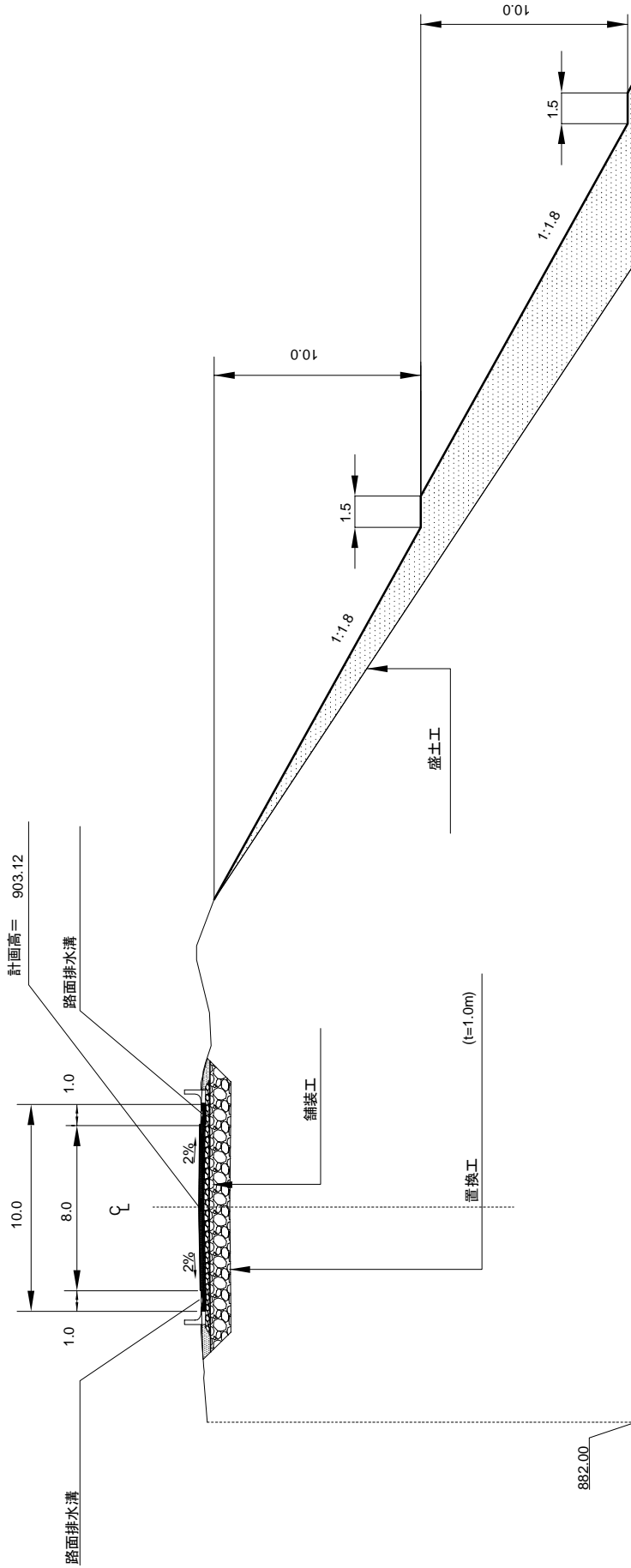
D19 補修施工図 横断面

縮尺 1:200

1+10

1+00 (R)	
盛土	76.32m ²
切土	-

1+10 (L)	
盛土	-
切土	-



地盤高	-10.36	902.73	-8.22	902.90	-7.94	902.87	-7.69	902.91	-7.19	902.93	-6.24	902.97	-0.79	903.12	0.00	903.13	1.65	903.11	3.21	903.08	5.80	902.90	9.44	902.61	12.00	903.23	14.92	902.40	25.00	895.73	33.65	890.00	45.69	882.00		
距離																																				

No.	Date	Description

REVISIONS



Ministry of Transport and Communications (MOTC) 42 Nam-Su Bldg., Ch. The Kyrgyz Republic

SPECIAL ASSISTANCE FOR PROJECT SUSTAINABILITY ON BISHKEK-OSH ROAD REHABILITATION PROJECT PHASE 2 (SAPS) IN KYRGYS

TITLE:

Approved by:	Date:	Drawing No.:	Sheet No.:
Checked by:	Date:	Scale:	
Designed by:	Date:	Date:	AUG. 2012

D19 数量総括表

項目	種別	単位	数量	備考
盛土工		m3	2,771	
置換工	t=3m	m3		
置換工	t=1m	m3	1,274	
舗装工		m2	980	
舗装撤去工		m3	382	
路面排水溝		m	196	
小段排水溝		m	45	
縦排水溝		箇所	2	
管渠工 延伸	φ 2.0m	m	10.8	

D19 盛土工計算書

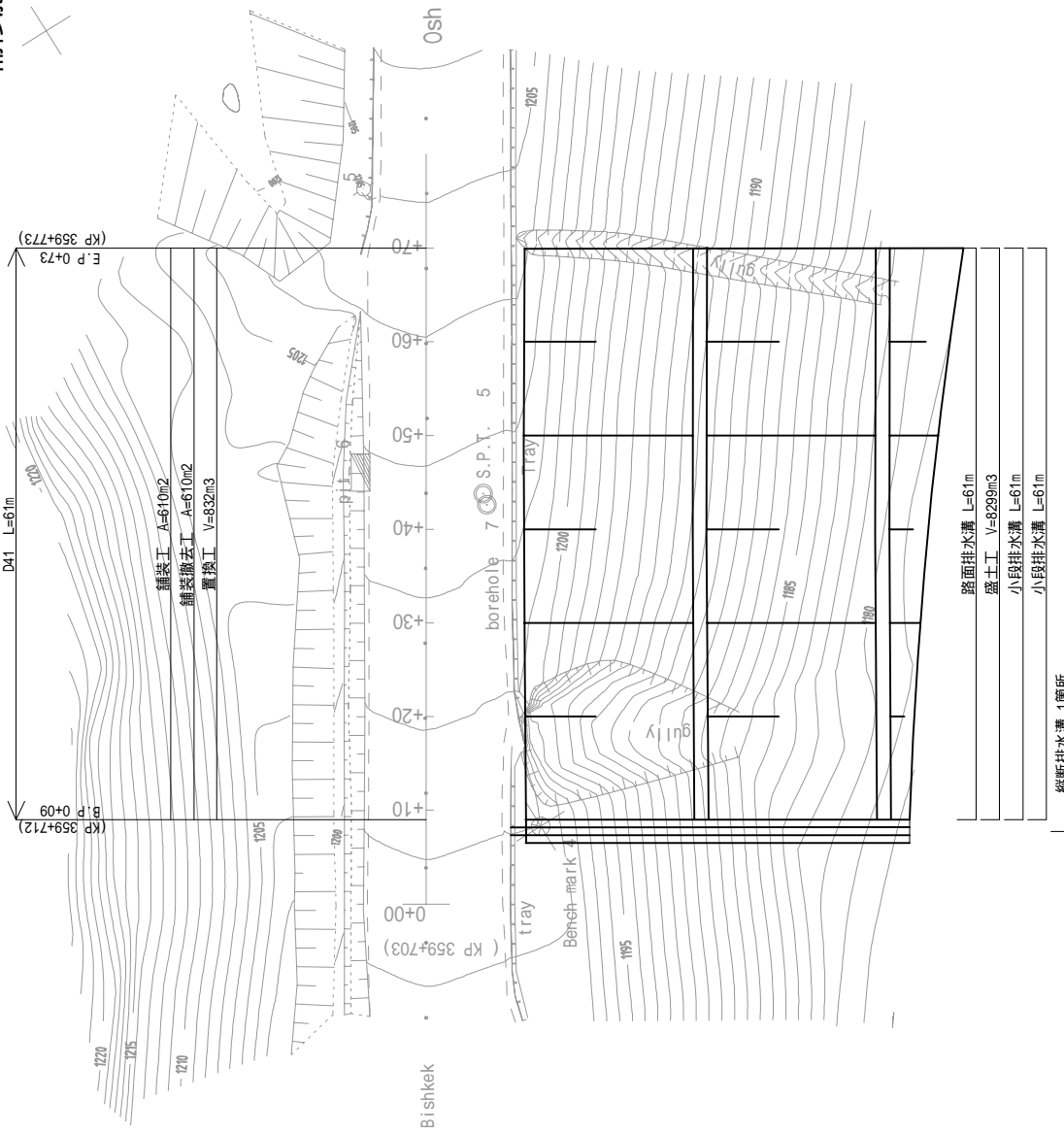
KP	短距離 m	左側		右側	
		断面積 m2	土量 m3	断面積 m2	土量 m3
0+00	0	0.00		0.00	
0+10	10	0.00	0.00	0.00	0.00
0+20	10	0.00	0.00	0.00	0.00
0+30	10	0.00	0.00	0.00	0.00
0+40	10	0.00	0.00	0.00	0.00
0+50	10	11.52	57.60	0.00	0.00
0+60	10	12.54	120.30	4.20	21.00
0+70	10	10.22	113.80	17.03	106.15
0+80	10	0.00	51.10	45.86	314.45
0+90	10	0.00	0.00	66.49	561.75
1+00	10	0.00	0.00	71.11	688.00
1+10	10	0.00	0.00	76.32	737.15
小計	110		342.80		2,428.50
合計			2,771.30		

D19 置換工(t=1m)



KP	単距離 m	断面積 m2	体積 m3
0+10.53			
1+8.53	98	13.00	1,274.00
合計	98	13.00	1,274.00

D41 (K:P 359+712 - K:P 359+773 L=61m)

補修施工図 平面図 縮尺 1: 500

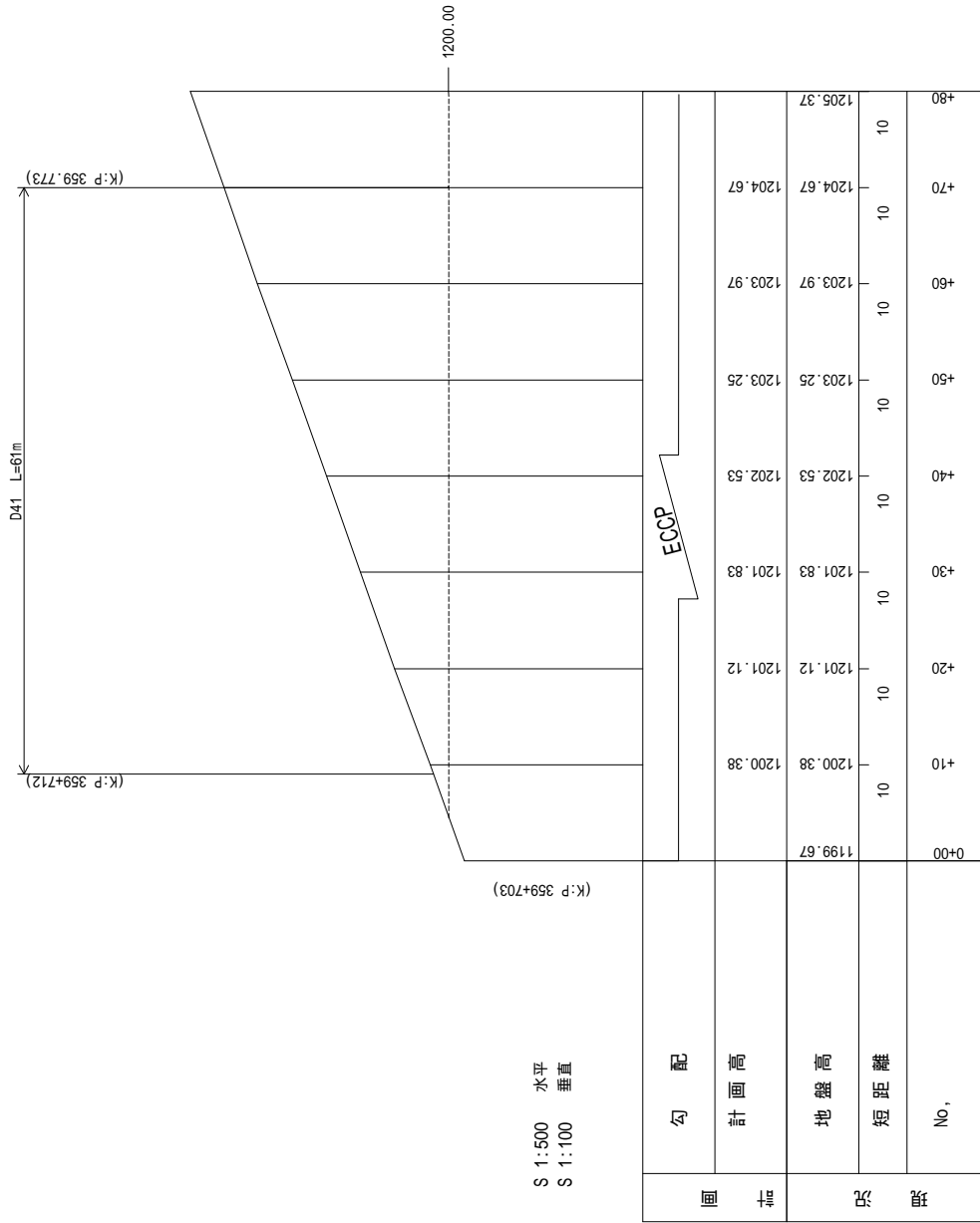


No.	Date	REVISIONS Description

 <p>Ministry of Transport and Construction (MOTC) of the Kyrgyz Republic 42 Lenin Str. Bishkek City, The Kyrgyz Republic</p>		TITLE : Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys	Approved by : Checked by : Designed by :	Drawing No. : Scale : Date :	Sheet No. : Date : Date : Date : Date :
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D41 (K.P. 359+712- K.P. 359+773 L=61m)

補修施工図 縦断面図



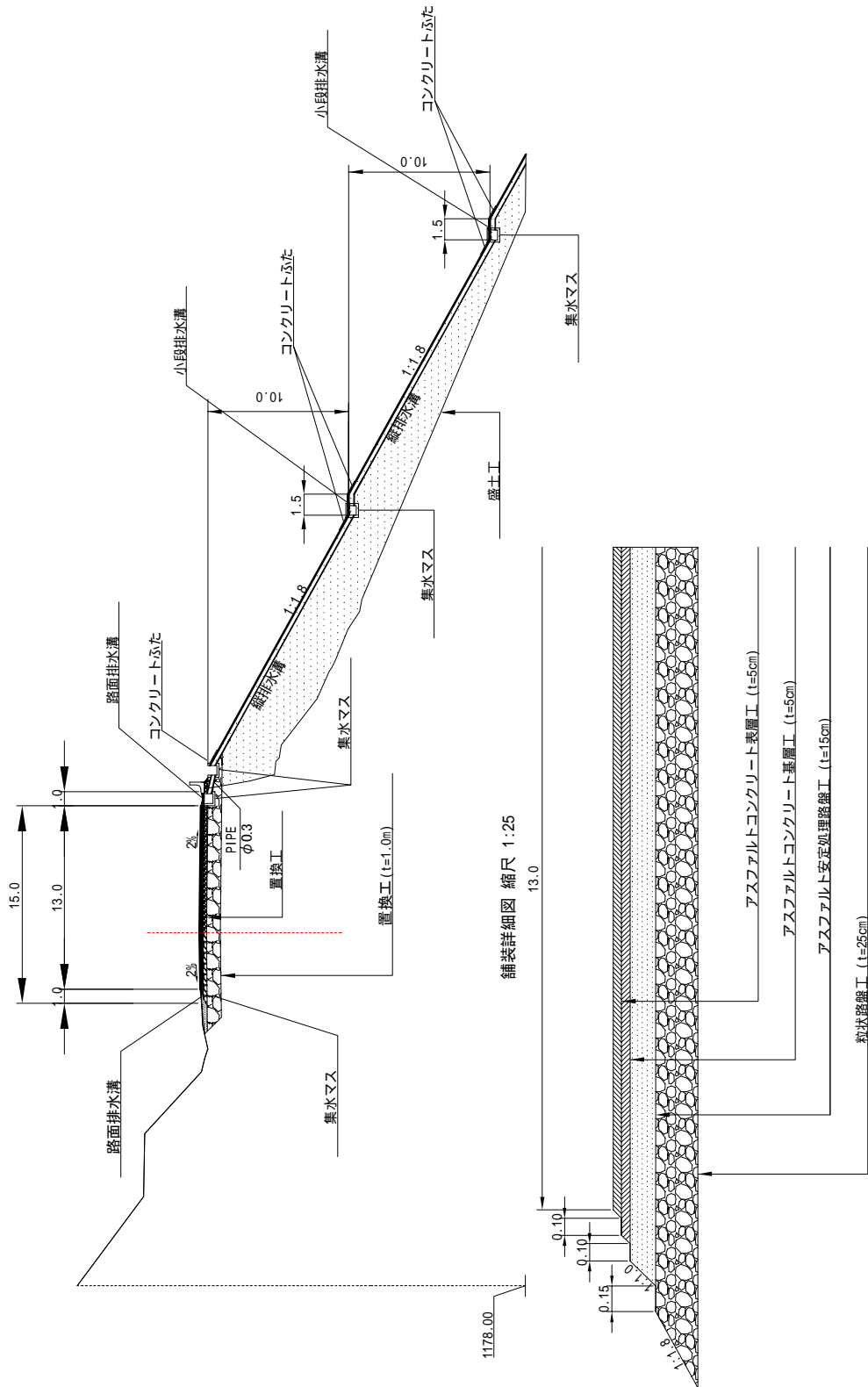
S 1:500 水平
S 1:100 垂直

勾配	ECCP			
計画高	1205.37	1204.67	1203.97	1203.25
地盤高	1201.83	1201.12	1201.83	1202.53
短距離	10	10	10	10
No.	10	10	10	10

No.	REVISIONS		<p>Ministry of Transport and Construction (MOTC) 42 Lenin Str. Bishkek City, The Kyrgyz Republic</p>	<p>KATEHARA & ENGINE AS INTERNATIONAL</p>	TITLE : Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz	Approved By : Special Designer	Date :	Drawing No.	Sheet No.
	Date	Description				Checked By :	Date :	Scale :	Designed by :
									AUG. 2012

D41補修施工図 標準横断面図

縮尺 1:300



舗装詳細図 縮尺 1:25

No.	Date	Description

Approved by	Special Designer	Date		Drawing No.	Sheet No.
Checked by		Date		Scale	
Designed by		Date		Date	AUG. 2012

TITLE :	
Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz	

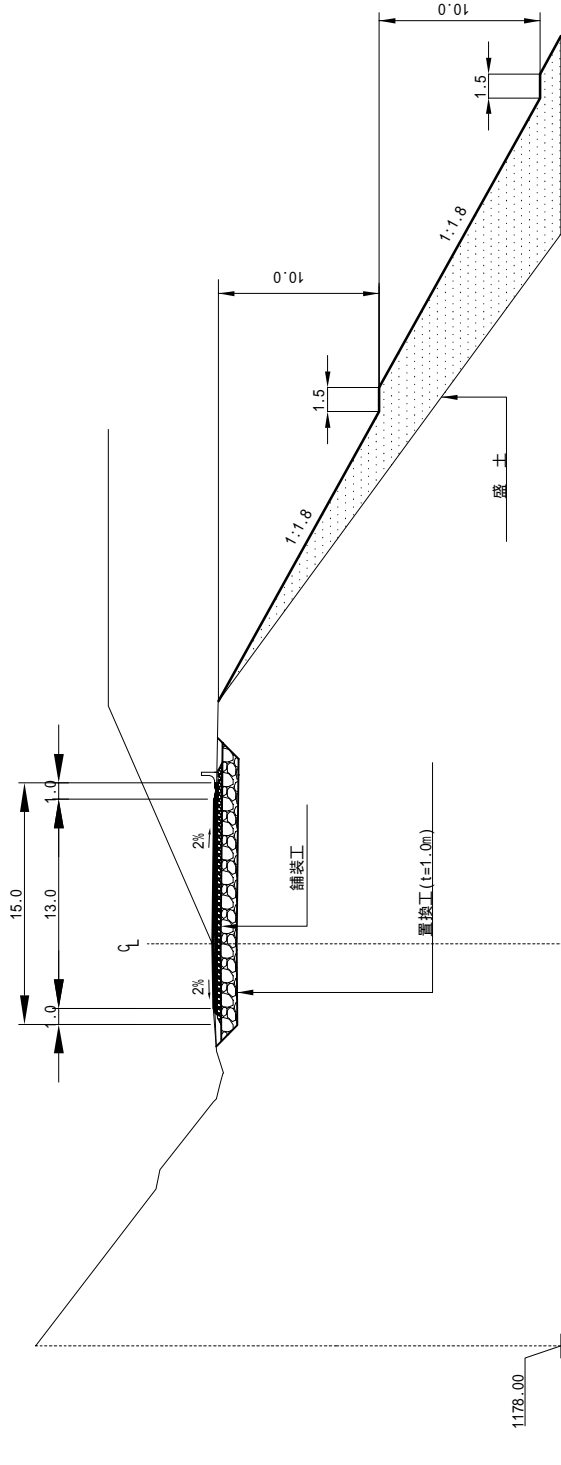
KATEHIRA & ENGINEERS KEI INTERNATIONAL	Ministry of Transport and Communications (MOTC) 42 Manas St., Bishkek City, The Kyrgyz Republic

D41補修施工図 横断面図

縮尺 1:300

0+00

0+00 (R)	
盛土	118.39m ²
切土	-



地盤工	-25.00	1210.67	-15.24	1203.19	-14.07	1202.95	-9.84	1199.63	-9.62	1199.44	-9.59	1199.43	-8.72	1199.20	-8.06	1199.02	-8.02	1199.01	-7.93	1199.03	-7.83	1199.49	7.52	1199.47	8.20	1199.47	9.45	1199.43	14.90	1199.32	15.09	1199.31	25.00	1192.04	44.11	1178.00		
距離																																						

No.	Date	Description



Ministry of Transport and Communications (MOTC) of the Kyrgyz Republic
42 Imenov Str. Bishkek City, The Kyrgyz Republic



Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys

TITLE :

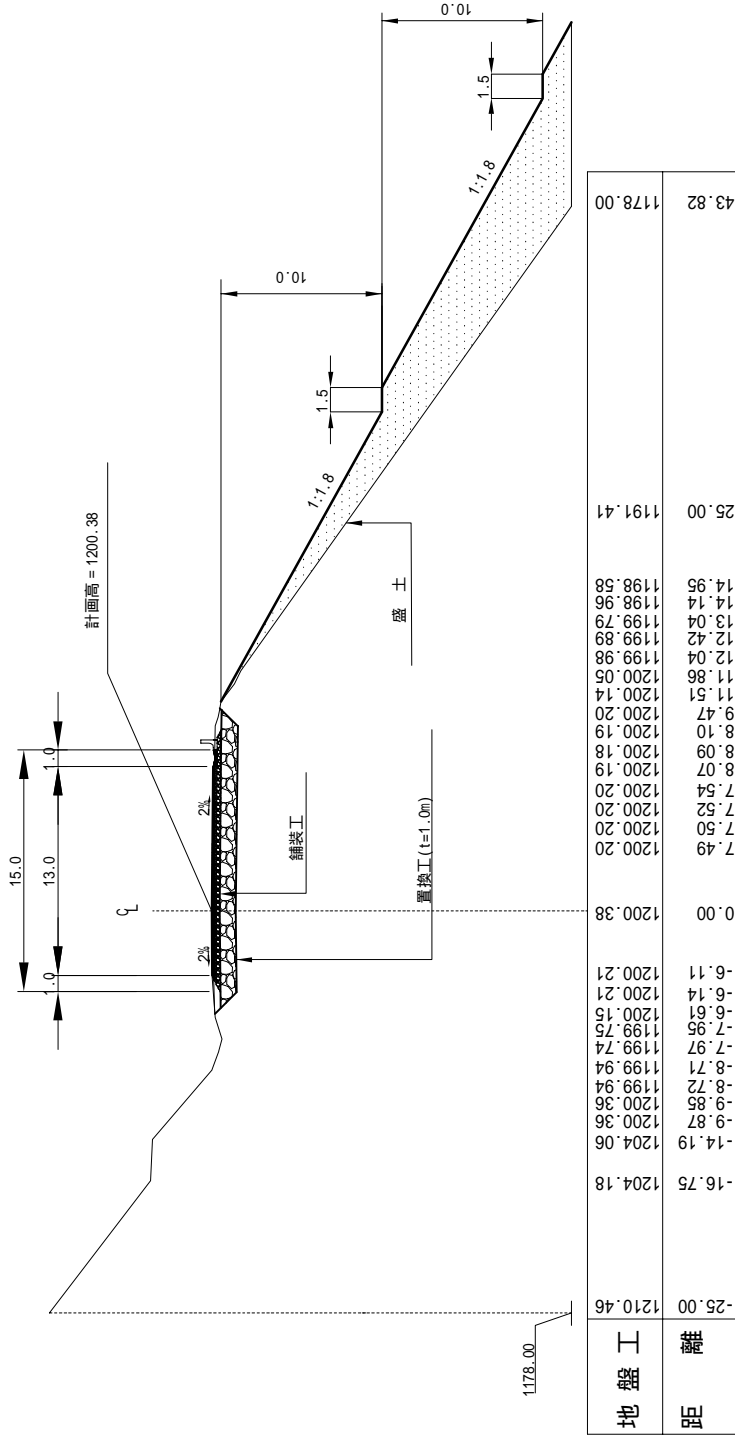
Approved by	Date :	Drawing No.	Sheet No.
Checked by	Date :	Scale :	
Designed by	Date :	Date :	ALC 2012

D41補修施工図 横断面図

縮尺 1:300

0+10

0+10 (R)	
盛土	112.46m ²
切土	-



No.	Date	Description



Ministry of Transport and Construction (MOTC) of the Kyrgyz Republic. 42 Barysh Str., Bishkek City, The Kyrgyz Republic.



Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys

TITLE :

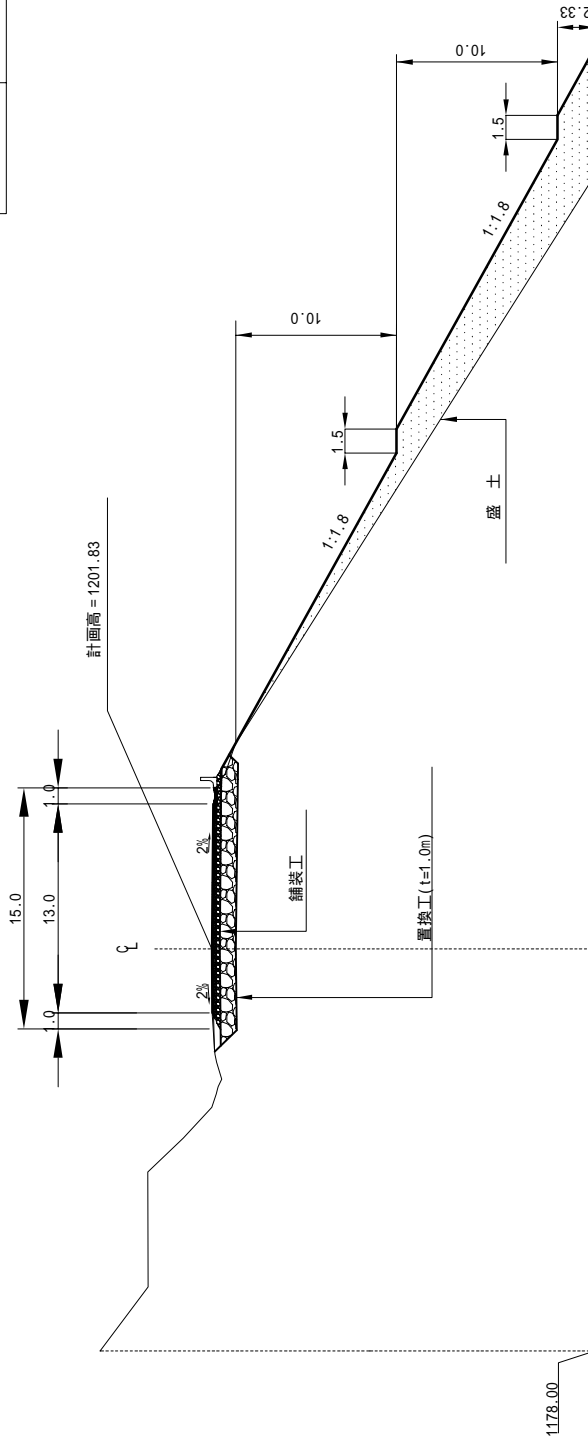
Approved By	Date :	Drawing No.	Sheet No.
Special Designer			
Checked By :	Date :	Scale :	
Designed by :	Date :	Date :	AUC 2012

D41補修施工図 横断面

縮尺 1:300

0+30

0+30 (R)	
盛土	76.99m ²
切土	-



地盤工	1208.77	-25.00	1205.78	1205.83	-13.89	1205.84	1203.61	-11.78	1201.84	-9.87	1201.54	-8.71	1201.46	-8.57	1201.22	-8.12	1201.41	-8.57	1201.52	-7.07	1201.63	-6.58	1201.66	-6.20	1201.68	-6.09	1201.89	-0.07	1201.93	0.00	1201.72	4.14	1201.66	4.52	1201.65	7.90	1201.59	8.36	1201.52	8.58	1201.52	9.21	1201.53	9.53	1201.52	9.69	1201.53	9.50	1201.53	10.50	1201.24	10.88	1200.99	12.81	1200.34
距離	1178.00	1208.77	-21.04	1205.78	-13.89	1205.84	-11.78	1203.61	-9.87	1201.54	-8.71	1201.46	-8.57	1201.22	-8.12	1201.41	-8.57	1201.52	-7.07	1201.63	-6.58	1201.66	-6.20	1201.68	-6.09	1201.89	-0.07	1201.93	0.00	1201.72	4.14	1201.66	4.52	1201.65	7.90	1201.59	8.36	1201.52	8.58	1201.52	9.21	1201.53	9.53	1201.52	9.69	1201.53	10.50	1201.24	10.88	1200.99	12.81	1200.34			
48.10	1178.00	13.30	1199.99	25.00	1192.59	48.10	1178.00																																																

No.	Date	Description



Ministry of Transport and Construction (MOTC) of the Republic of Kyrgyzstan. 42 Imanov Str., Bishkek City, The Kyrgyz Republic.



Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE :

Approved by	Date :
Checked by	Date :
Designed by	Date :

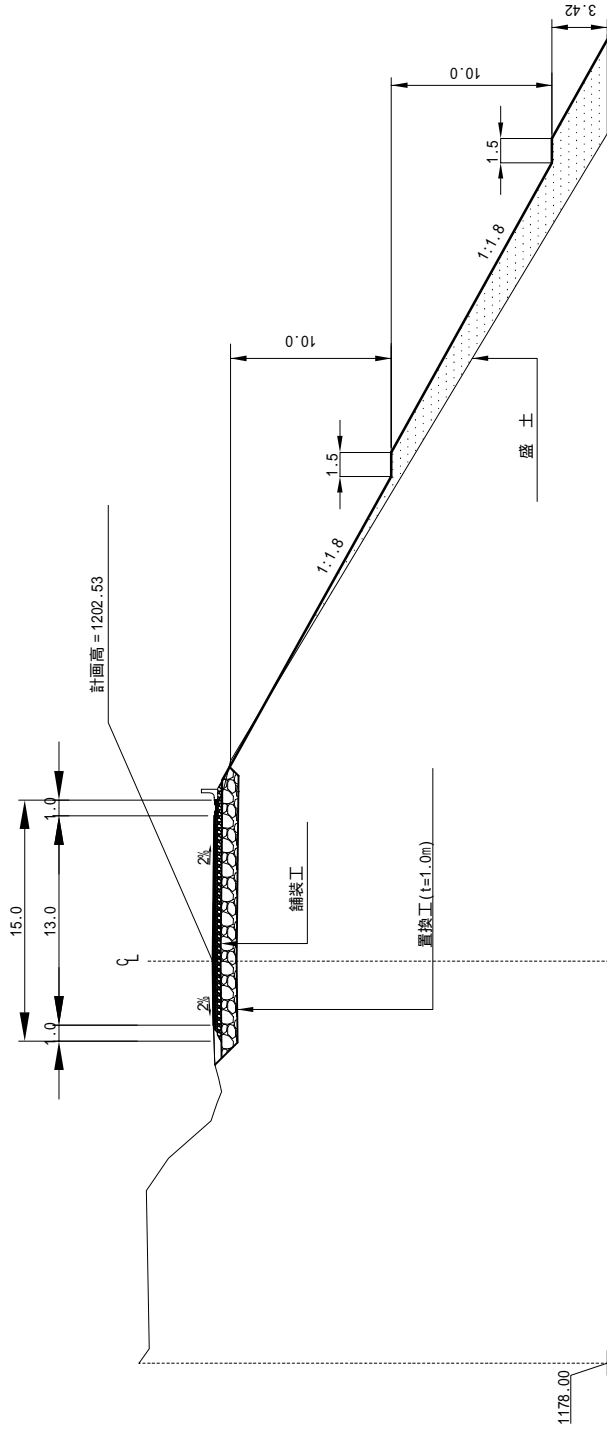
Drawing No.	Sheet No.
Scale :	Date :
Date :	Date :
Date :	Date :
Date :	Date :

D41補修施工図 横断面図

縮尺 1:300

0+40

0+40 (R)	
盛土	62.14m ²
切土	-



距離	地盤工	量
1206.65		-14.27
1206.65		-12.28
1202.64		-9.95
1202.43		-9.36
1202.23		-8.76
1202.11		-8.45
1201.98		-8.13
1202.16		-7.32
1202.36		-6.62
1202.38		-6.36
1202.40		-6.11
1202.44		-4.97
1202.46		-4.45
1202.53		-1.64
1202.53		0.00
1202.44		3.37
1202.44		4.31
1202.25		7.82
1202.25		8.08
1202.25		8.58
1202.25		9.76
1202.23		10.82
1201.83		12.43
1201.42		25.00
1178.00		51.44

No.	Date	Description



Ministry of Transport and Construction (MOTC) of the Kyrgyz Republic, 42 Lenin Str., Bishkek City.



Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys

TITLE :

Approved by:
 Checked by:
 Designed by:

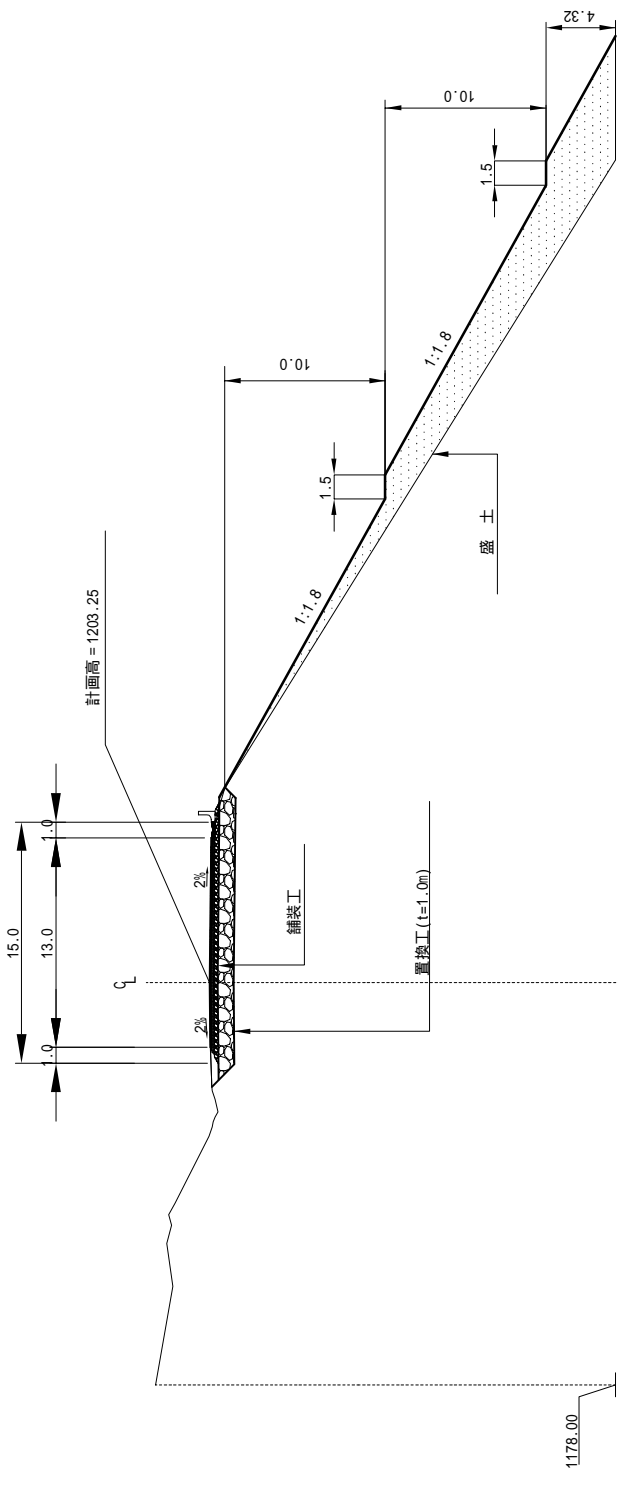
Drawing No. :
 Sheet No. :
 Scale :
 Date :
 Date :
 Date :
 Date : AUC 2012

D41補修施工図 横断面

縮尺 1:300

0+50

0+50 (R)	
盛土	85.19m ²
切土	-



地盤距離	距離
-25.00	1206.60
-18.87	1205.54
-16.20	1205.93
-15.07	1205.62
-14.41	1205.80
-13.70	1205.40
-9.54	1203.27
-8.97	1203.09
-8.65	1203.02
-8.35	1202.89
-8.03	1202.72
-7.25	1202.89
-6.71	1203.07
-6.31	1203.11
-6.07	1203.13
-3.60	1203.21
0.00	1203.25
0.07	1203.25
0.89	1203.21
1.46	1203.19
2.67	1203.15
8.26	1202.96
8.74	1202.95
14.4	1202.97
9.39	1202.97
9.62	1202.97
11.02	1202.62
12.09	1202.32
25.00	1194.29
25.00	1178.00

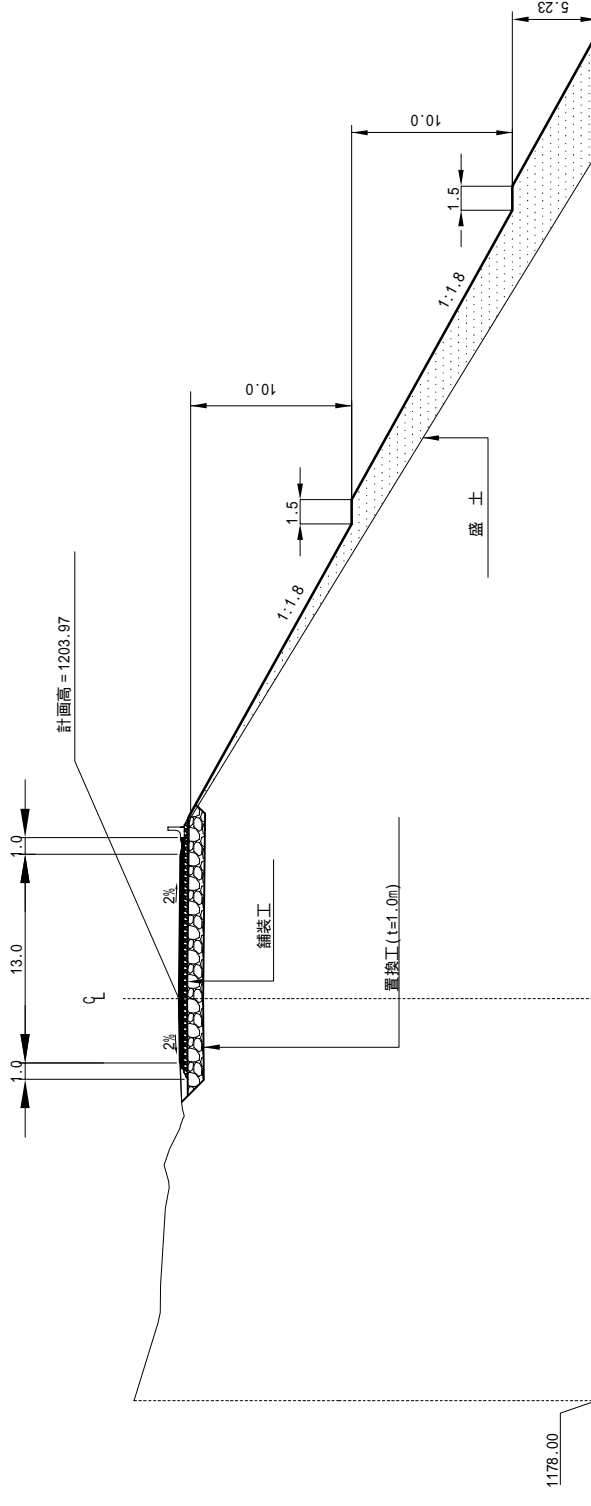
	Ministry of Transport and Construction (MOTC) 42 Imayev Str. Bishkek City, The Kyrgyz Republic		TITLE :		Approved By : Special Engineer	Drawing No. :	Sheet No. :
			Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyzs		Checked By :	Date :	Scale :
				Designed By :	Date :	Date : AUG 2012	

D41補修施工図 横断面

縮尺 1:300

0+60

0+60 (R)	
盛土	90.02m ²
切土	-



地盤工	距離	1206.77	1205.26	1205.15	1205.15	1205.25	1205.10	1204.80	1204.80	1204.80	1204.80	1204.55	1204.55	1203.92	1203.88	1203.88	1203.88	1203.66	1203.66	1203.66	1203.23	1203.57	11.26	9.61	9.61	8.37	8.31	9.54	1.58	0.00	1203.97	1203.88	1203.88	1203.88	1203.88	1203.88	1203.97	25.00	1194.82	52.52
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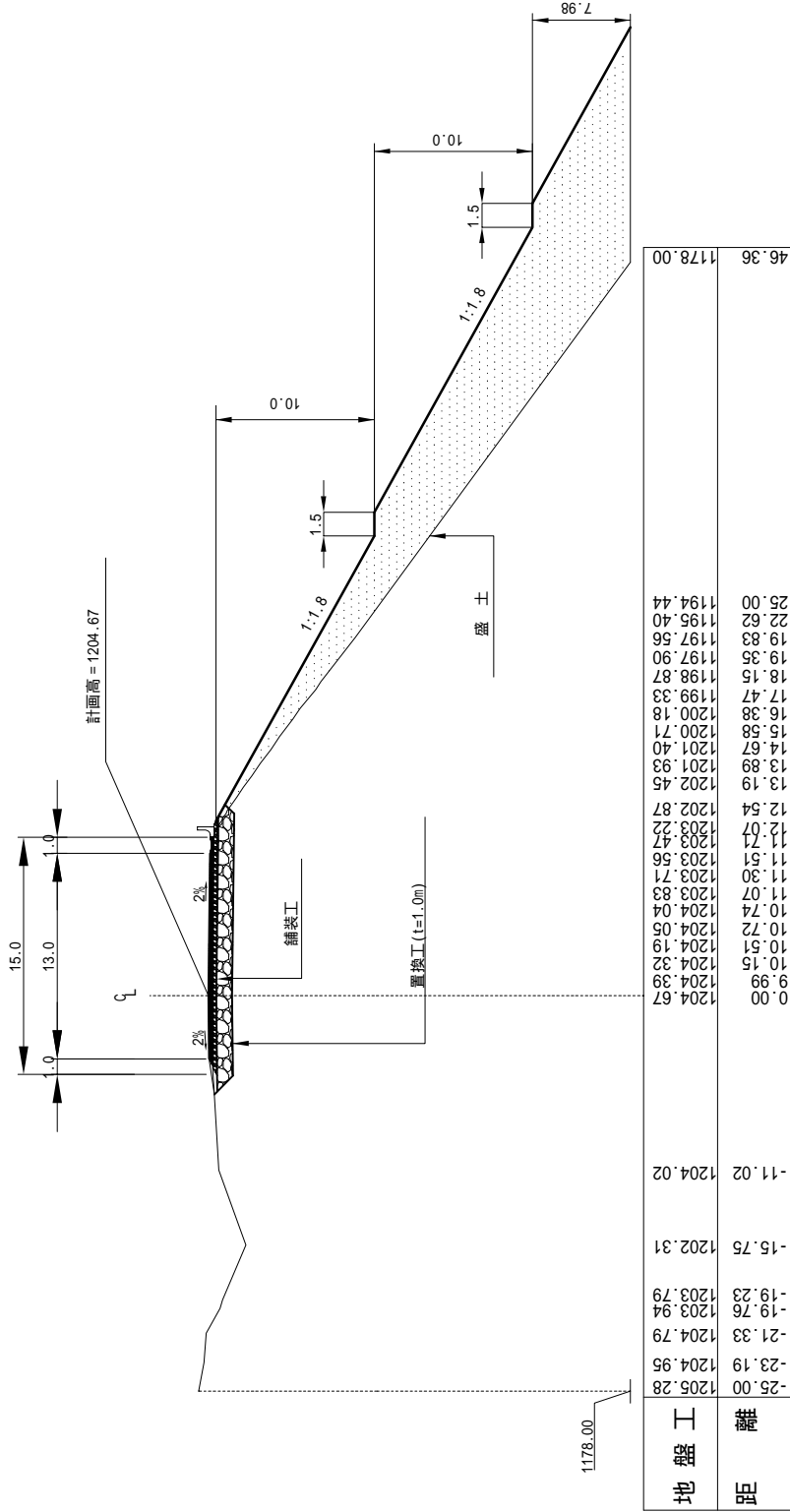
REVISIONS	No.	Date	Description
Ministry of Transport and Construction (MOTC) 42 Bishov Str. Bishkek City, The Kyrgyz Republic			
Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys			
TITLE :		Approved By : General Manager	Drawing No. : _____
		Checked By : _____	Date : _____
		Designed By : _____	Date : _____
			Date : _____
			Date : _____
			Date : AUG 2012
			Sheet No. _____

D41補修施工図 横断面図

縮尺 1:300

0+70

0+70 (R)	
盛土	178.52m ²
切土	-



No.	Date	Description



Ministry of Transport
and Construction
(MOTC)
42 Imenov Str. Bishkek City,
The Kyrgyz Republic



Special Assistance
for Project Sustainability
on Bishkek-Josh Road
Rehabilitation Project Phase 2
(SAPS) in Kyrgyz

TITLE :

Approved by
Special Designer
Checked by
Designed by

Date :
Date :
Date :

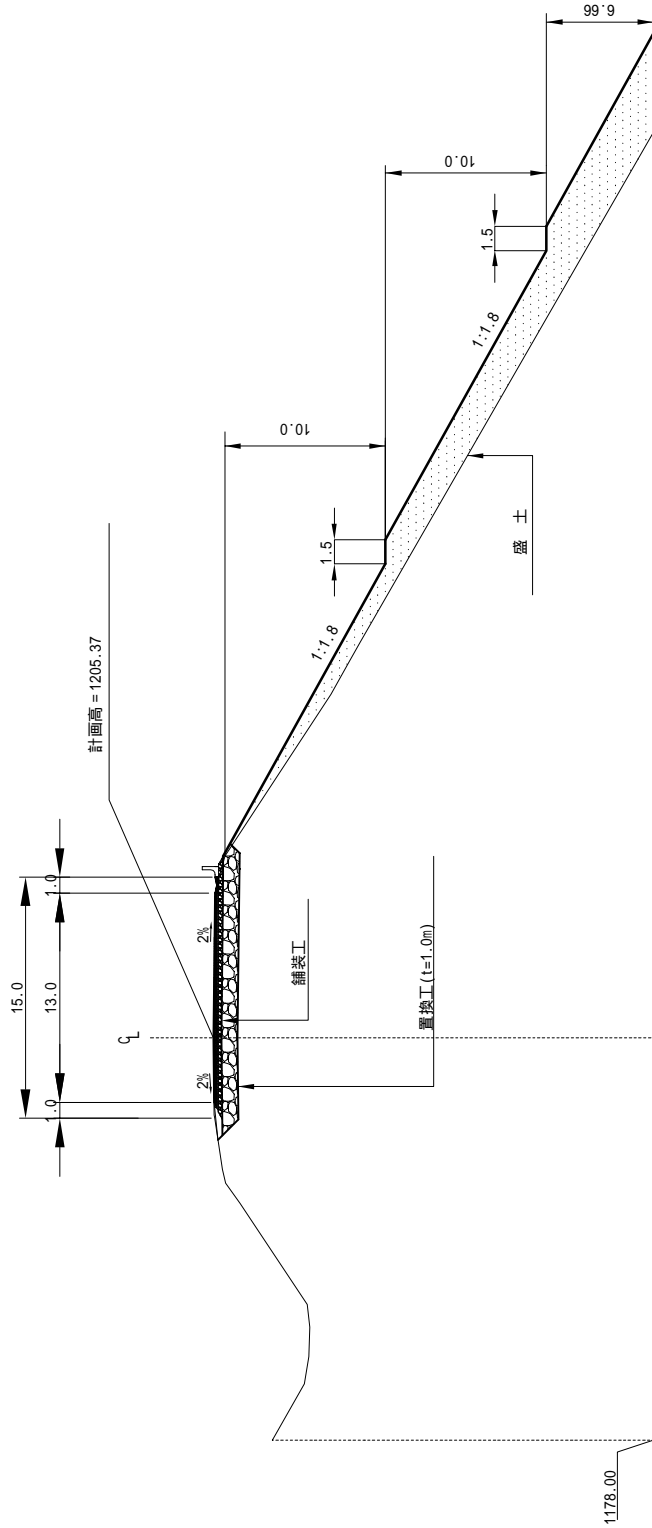
Drawing No.
Scale :
Date :
Sheet No.
Date :
Date :
Date :
AUG 2012

D41補修施工図 横断面図



縮尺 1:300

0+80

0+80 (R)	
盛土	88.78m ²
切土	-



地盤工	距離	1178.00	1201.71	1199.70	-21.51	1199.42	-19.81	1199.37	-17.98	-16.59	1199.51	-10.27	1203.71	-9.03	1204.61	-8.18	1204.82	-4.99	1205.29	-4.79	1205.32	-4.78	1205.32	-4.78	1205.35	-3.17	1205.35	-2.89	1205.33	0.00	1205.37	3.94	1205.24	8.16	1205.14	8.19	1205.13	8.41	1205.14	8.57	1205.13	8.58	1205.10	9.71	1204.66	11.32	21.37	1198.06	23.41	1196.93	25.00	1196.02	56.30	1178.00
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REVISIONS		Description	
No.	Date		
Ministry of Transport and Communication (MOTC) 42, Manas St., Bishkek City, The Kyrgyz Republic			
KATAHARA & ENGINEERS INTERNATIONAL			
Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz		TITLE :	
Approved by	Date :	Approved by	Date :
Checked by :	Date :	Checked by :	Date :
Designed by :	Date :	Designed by :	Date :
		Drawing No.	Sheet No.
		Scale :	
		Date :	AUG 2012

D41 数量総括表

項目	種別	単位	数量	備考
盛土工		m3	8,299	
置換工	t=3m	m3		
置換工	t=1m	m3	832	
舗装工		m2	610	
舗装撤去工		m3	360	
路面排水溝		m	122	
小段排水溝		m	122	
縦排水溝		箇所	1	
管渠工 延伸	φ 2.0m	m		

D41 盛土工計算書

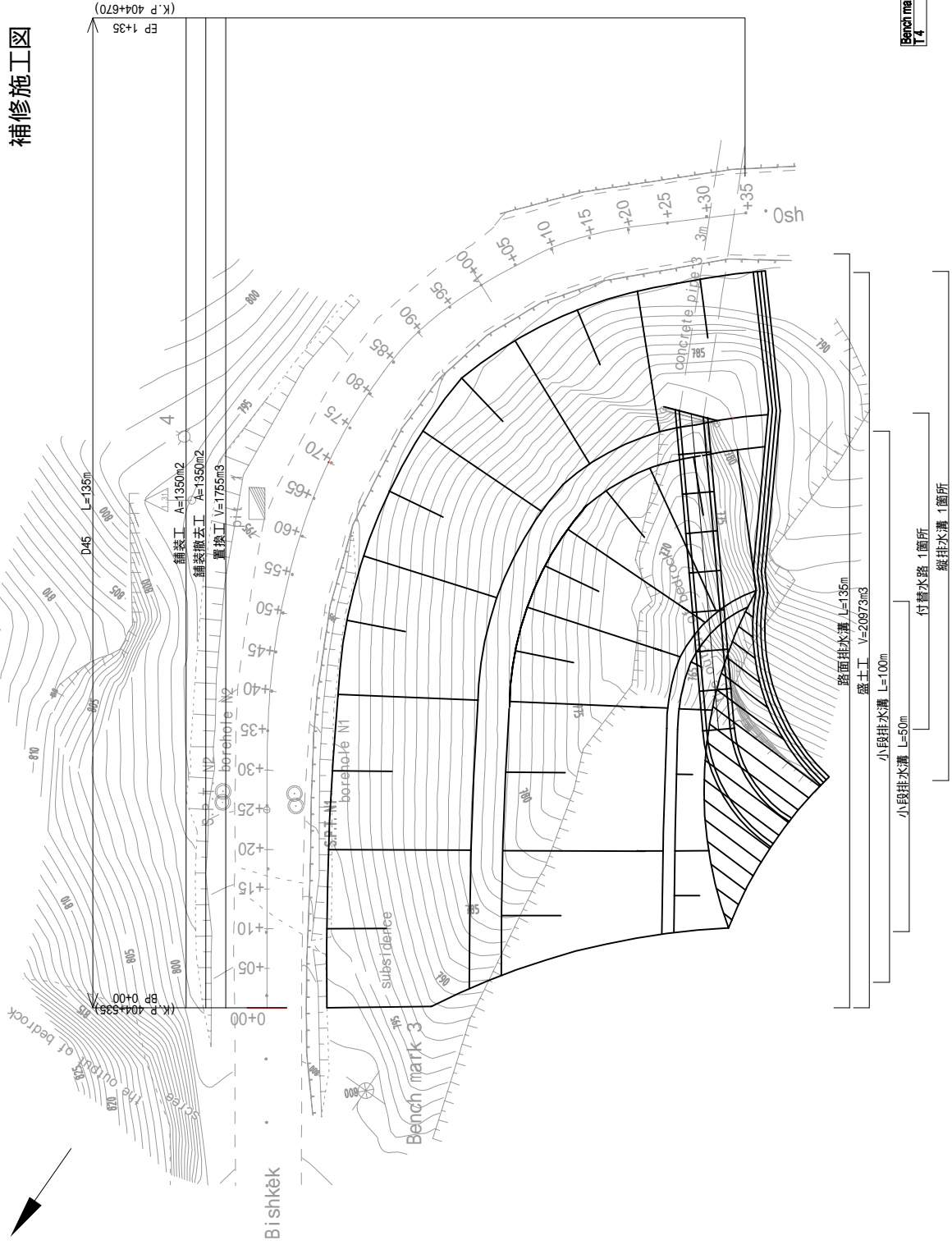
KP	短距離 m	左側		右側	
		断面積 m2	土量 m3	断面積 m2	土量 m3
0+00	10			118.39	0.00
0+10	10			112.46	1,154.25
0+20	10			127.68	1,200.70
0+30	10			76.99	1,023.35
0+40	10			62.14	695.65
0+50	10			85.19	736.65
0+60	10			83.35	842.70
0+70	10			178.52	1,309.35
0+80	10			88.78	1,336.50
小計	90		0.00		8,299.15
合計			8,299.15		

D41 置換工(t=1m)

KP	単距離 m	断面積 m2	体積 m3
0+09			
0+73	64	13.00	832
合計	64	832.00	

D45 (K.P. 404+535 - K.P. 404+670 L=135m)

補修施工図 平面図 縮尺 1: 500



No.	Date	Description

Approved by Special Designer	Date : _____	Drawing No.	Sheet No.
Checked by :	Date : _____	Scale :	
Designed by :	Date : _____	Date :	AUG. 2012

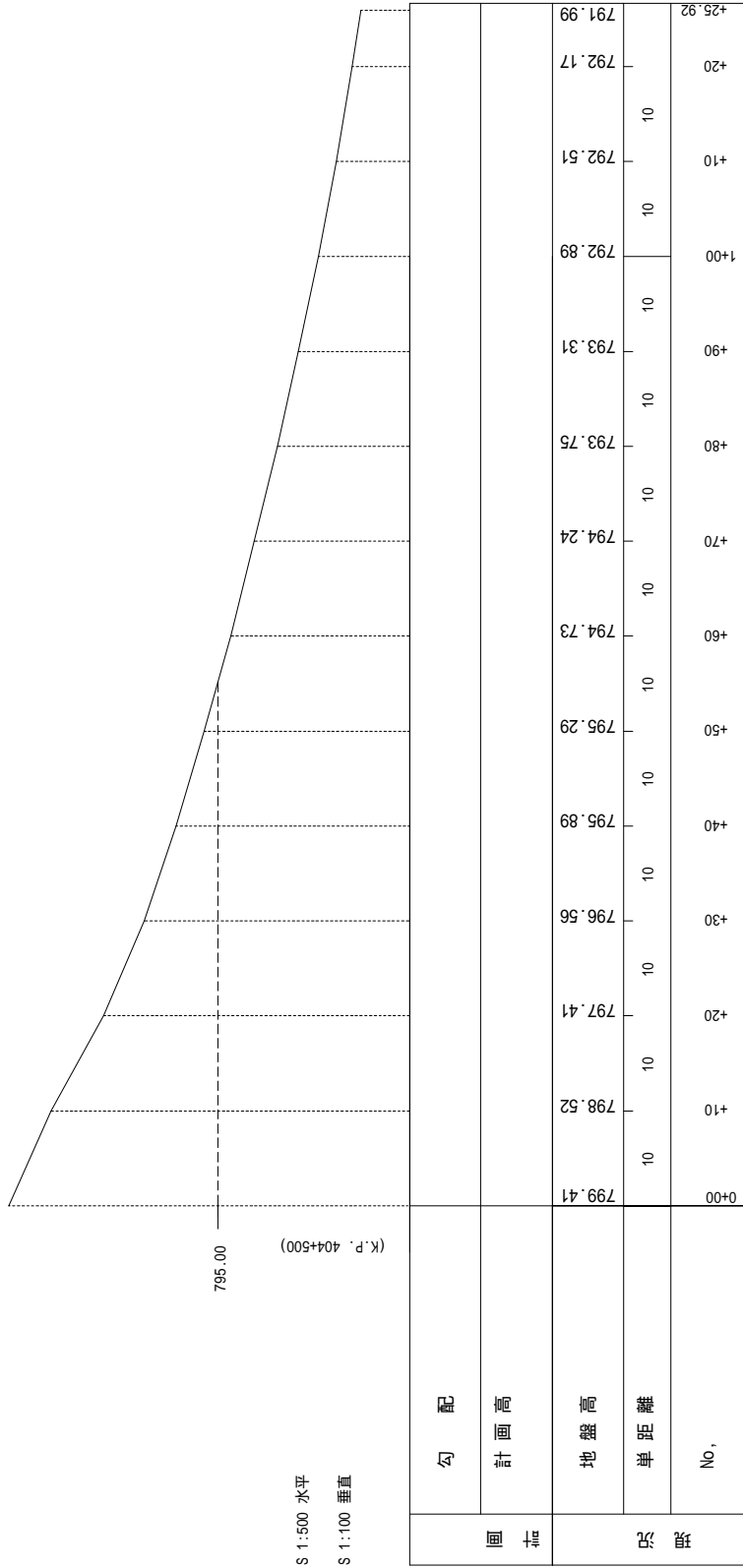
TITLE :

Special Assistance
for Project Sustainability
on Bishkek-Osh Road
Rehabilitation Project Phase 2
(SAPS) in Kyrgys



KAI KATAHARA & ENGINEERS
INTERNATIONAL

Ministry of Transport
and Communication
(MOTC)
42 Lenin Str. Bishkek City,
The Kyrgyz Republic

補修施工図 縦断面
D45

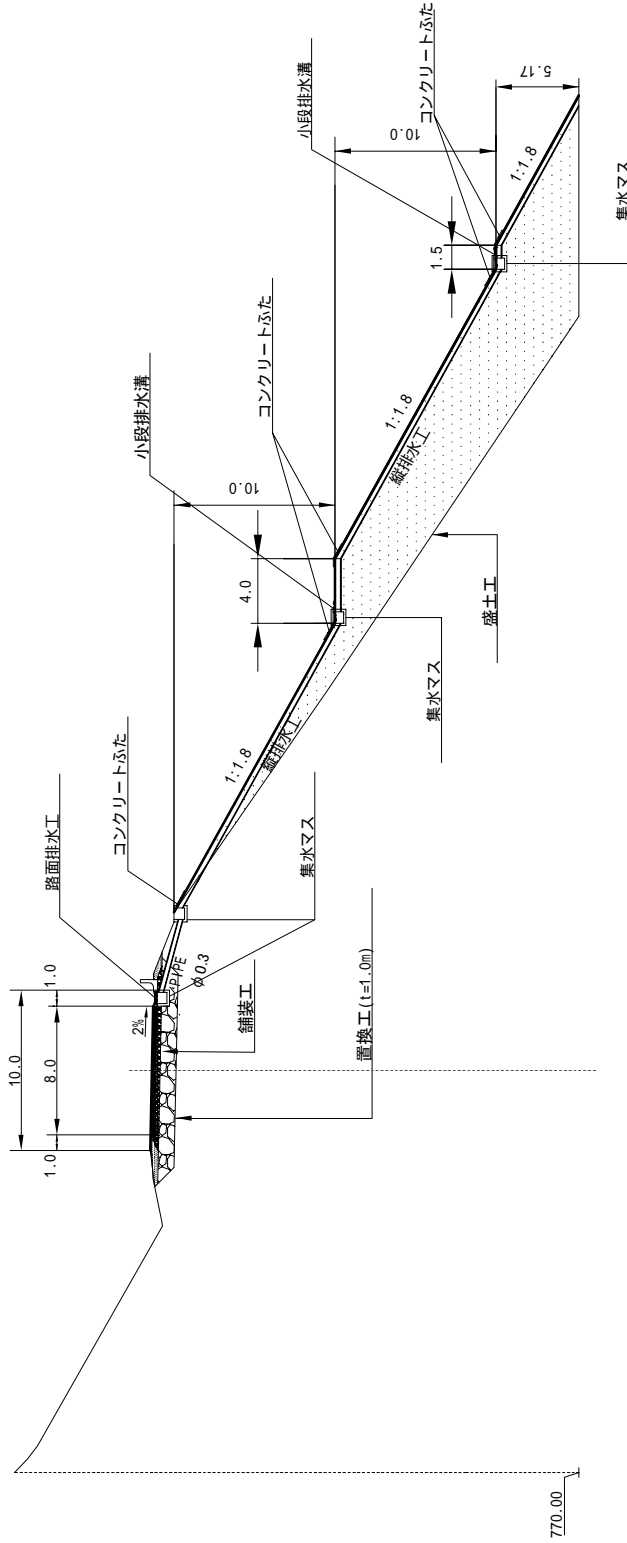


勾配	計画高	地盤高	単距離	No.
		799.41	10	0+00
		798.52	10	+10
		797.41	10	+20
		796.56	10	+30
		795.89	10	+40
		795.29	10	+50
		794.73	10	+60
		794.24	10	+70
		793.75	10	+80
		793.31	10	+90
		792.89	10	+100
		792.51	10	+110
		792.17	10	+120
		791.99		+25.92

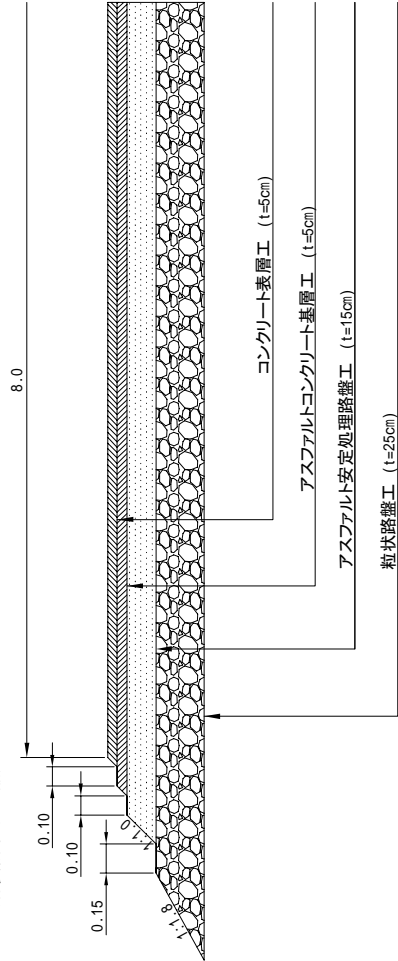
No.	REVISIONS		 <p>Ministry of Transport and Construction (MOTC) 42 Lenin Str. Bishkek City, The Kyrgyz Republic</p>		Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz	TITLE :	Approved By	Date :	Drawing No.	Sheet No.
	Date	Description					Special Designer			Scale :
							Checked By :	Date :		
							Designed by :	Date :		AUG. 2012

D45 補修施工図 標準横断面

縮尺 1:300



舗装詳細図 縮尺 1:25



No.	Date	Description

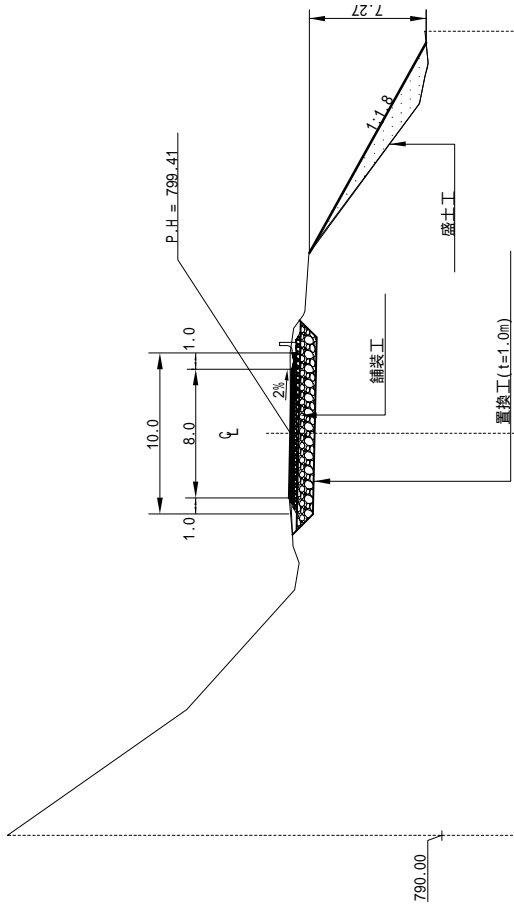
Ministry of Transport and Communication (MOTC) 42 Ironov Str. Bishkek City, The Kyrgyz Republic	KATAHARA & ENGINEERS INTERNATIONAL	Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz	TITLE :	Approved by : Checked by : Designed by :	Drawing No. : Scale : Date :	Sheet No. : Date : AUG. 2012
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D45 補修施工図 横断面

縮尺 1:300

0+00

0+00 (R)	
盛土	11.61m ²
切土	-



地盤高	距離	799.00	-25.00	817.03	-17.17	805.89	-16.94	805.69	-9.73	799.17	-8.07	798.91	-7.02	799.27	-4.09	799.40	-4.07	799.40	0.00	799.47	4.39	799.47	4.42	799.47	4.56	799.45	5.04	799.46	5.04	799.24	6.53	799.24	7.34	798.54	7.60	798.54	11.02	798.29	11.37	798.25	20.50	791.40	22.28	791.04	23.03	790.86	25.00	791.08
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REVISIONS		DESCRIPTION	
No.	Date		

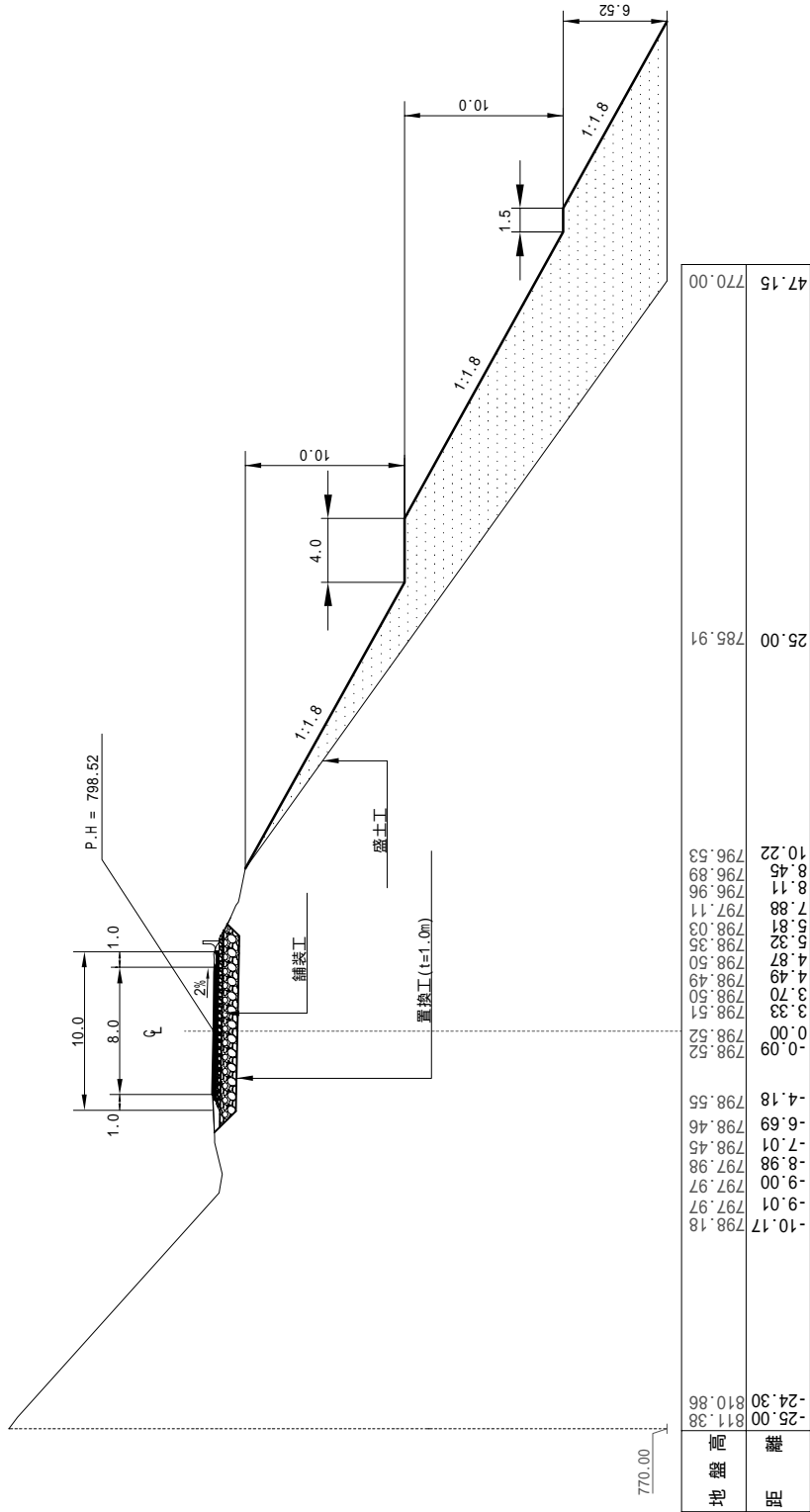
				TITLE : Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz		Approved By : Checked By : Designed By :		Drawing No. : Scale : Date :		Sheet No. : Date : Date : Date :	
Ministry of Transport and Construction (MOTC) 42 Lenin Str. Bishkek City, The Kyrgyz Republic		KATEHIRA & ENGINEERS INTERNATIONAL		Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz		Approved By : Checked By : Designed By :		Drawing No. : Scale : Date :		Sheet No. : Date : Date : Date :	

D45 補修施工図 横断面図

縮尺 1:300

0+10

0+10 (R)	
盛土	219.38m ²
切土	-



地盤高	距離	770.00	798.52	798.52	798.52	798.51	798.50	798.49	798.50	798.35	798.03	797.11	788.81	796.89	796.89	796.53	10.22	25.00	770.00
-25.00	811.38	-24.30	810.86	-10.17	798.18	-9.01	797.97	-9.00	797.97	-8.98	797.98	-8.98	798.45	-7.01	798.46	-4.18	798.55	0.00	798.52
3.33	798.51	3.70	798.50	4.49	798.50	4.87	798.50	5.32	798.03	7.88	797.11	7.88	796.89	8.11	796.89	10.22	25.00	770.00	

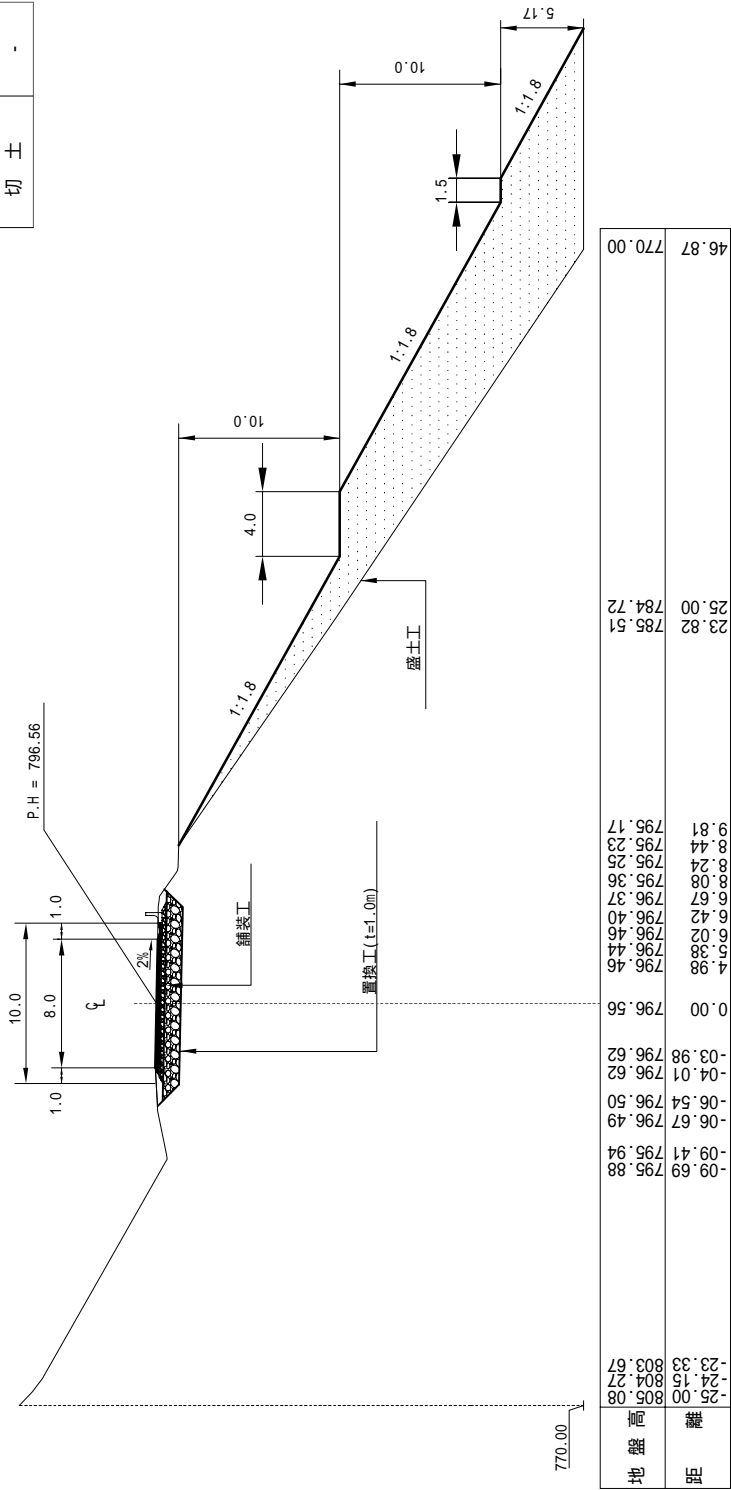
REVISIONS		Description	
No.	Date		
Ministry of Transport and Construction (MOTC) 42 Imanov Str. Bishkek City, The Kyrgyz Republic		Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz	
Approved by: Special Designer		Checked by:	
Date:		Date:	
Drawing No.		Scale:	
Sheet No.		Date:	
		Designed by:	
		Date:	
		AUG. 2012	

D45 補修施工図 横断面

縮尺 1:300

0+30

0+30 (R)	
盛土	174.94m ²
切土	-



No.	Date	Description	REVISIONS

Approved By	Special Designer	Date		Drawing No.	Sheet No.
Checked By		Date		Scale	
Designed By		Date		Date	AUG. 2012

TITLE : Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

KAI INTERNATIONAL

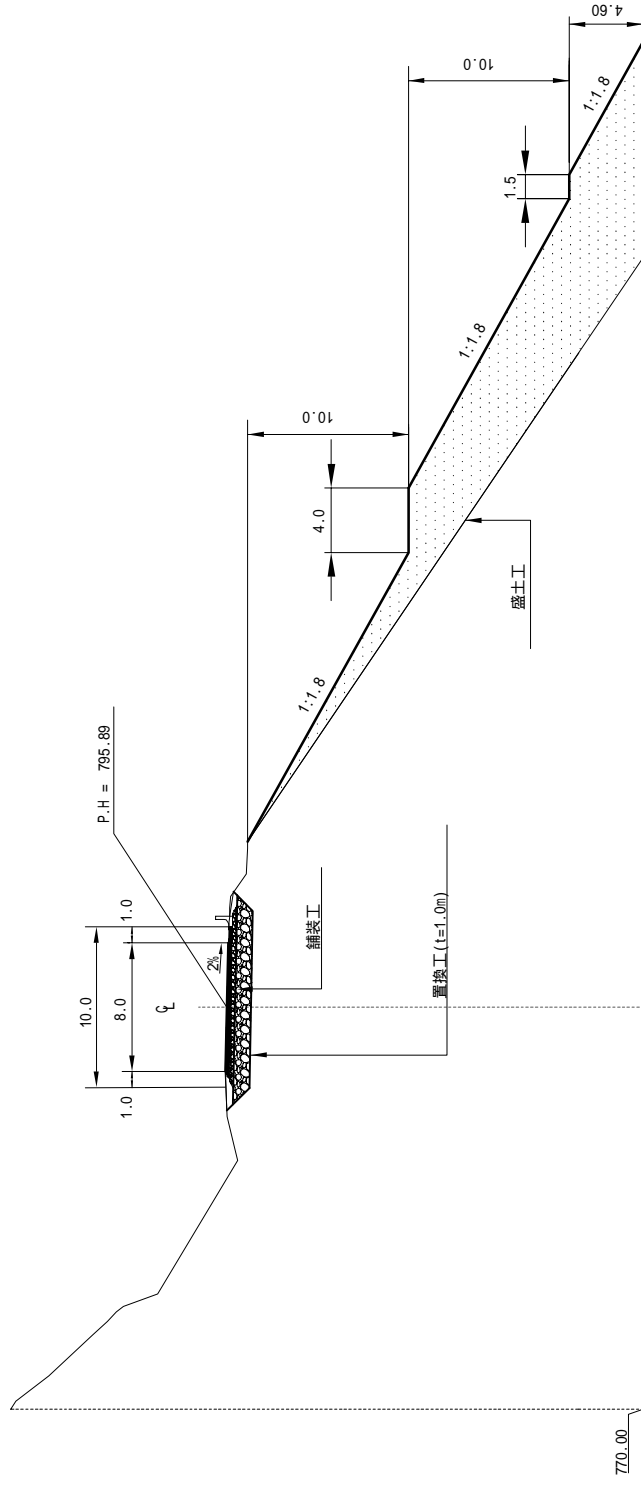
Ministry of Transport and Communication (MOTC) 42 Manas St., Bishkek City, The Kyrgyz Republic

D45 補修施工図 横断面図

縮尺 1:300

0+40

0+40 (R)	
盛土	162.85m ²
切土	-



地盤高	距離	770.00	795.89	795.89	0.11	795.89	4.93	795.74	4.93	795.74	5.29	795.74	5.59	795.71	6.17	795.73	6.88	795.64	7.23	795.43	7.95	794.61	8.27	794.61	9.86	794.59	10.27	793.15	12.41	784.63	25.00	770.00	40.68
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REVISIONS		DESCRIPTION		DATE		DATE		DATE		DATE	
No.	Date	Description		Date	Date	Date	Date	Date	Date	Date	Date

Approved by	Special Designer	Date		Drawing No.		Sheet No.	
Checked by		Date		Scale			
Designed by		Date		Date		AUG. 2012	

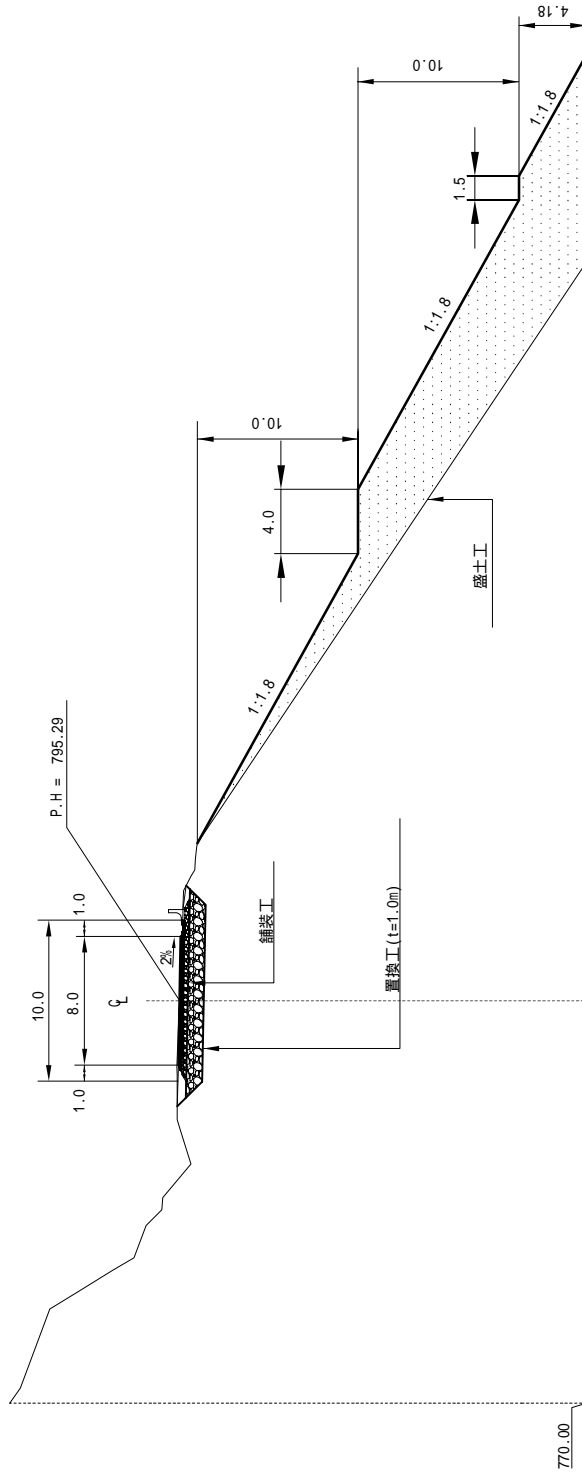
Ministry of Transport and Communications (MOTC) 42 Imayev Str., Bishkek City, The Kyrgyz Republic		KATEHARA & ENGINEERS INTERNATIONAL		Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys		TITLE :	
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D45 補修施工図 横断面

縮尺 1:300

0+50

0+50 (R)	
盛土	152.65m ²
切土	-




地盤	河	距	-25.00	-24.00	-23.00	-22.00	-21.00	-20.00	-19.18	-18.14	-17.73	-16.73	-15.98	-15.38	-14.50	-13.95	-13.00	-12.23	-11.59	-10.15	-7.91	-7.39	-4.61	-4.07	-0.49	0.28	796.10	795.10	795.12	795.66	794.29	794.29	794.21	794.80	794.19	45.93
			805.86	805.86	805.86	805.86	805.86	805.86	803.37	801.67	799.43	799.13	798.88	798.13	797.38	796.40	796.00	796.33	794.59	794.15	795.30	795.43	795.44	795.46	795.31	795.29	795.10	795.68	795.66	794.56	794.29	794.80				770.00

REVISIONS		DESCRIPTION		DATE	
No.	Date	Description	Date	Date	Date

Approved By	Sanchal Itayeva	Date	
Checked By		Date	
Designed By		Date	


Drawing No.		Sheet No.	
Scale		Date	
Date		Date	
Date		Date	

TITLE	
Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys	



KATEM & ENGINEERS INTERNATIONAL

Ministry of Transport and Construction (MOTC)	
42 Lenin Str. Bishkek City, The Kyrgyz Republic	

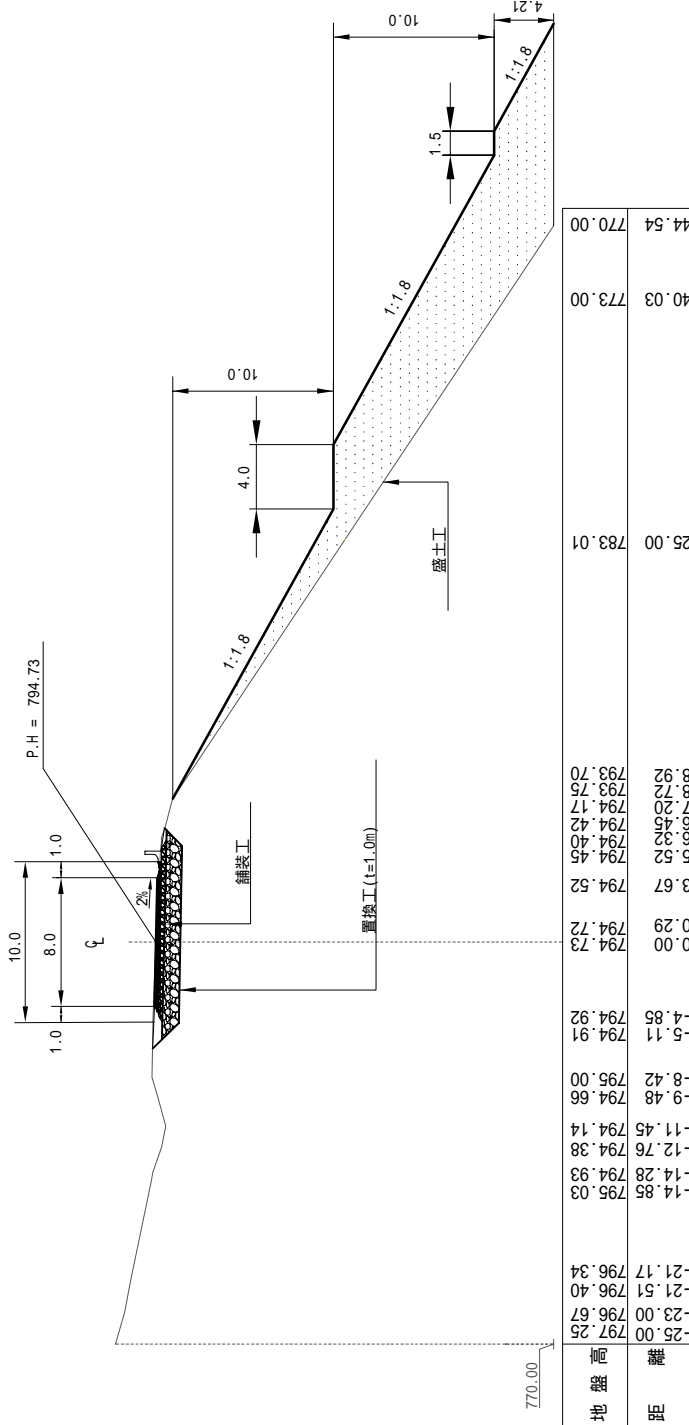


D45 補修施工図 横断面

縮尺 1:300

0+60

0+60 (R)	
盛土	143.78m ²
切土	-



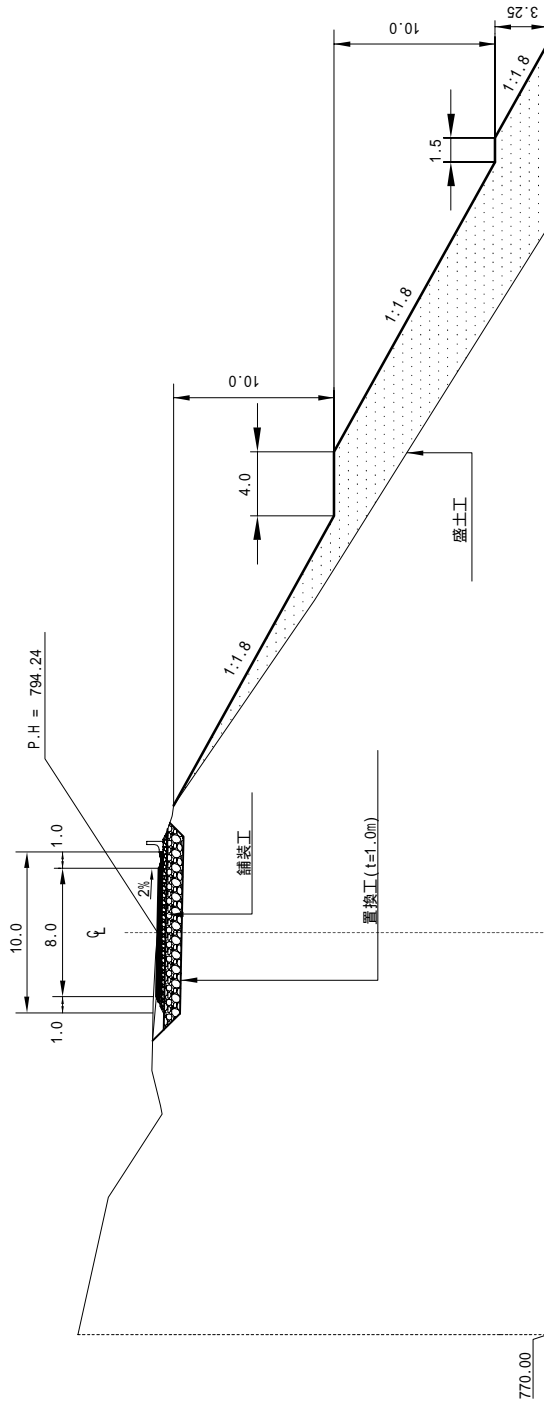
REVISIONS		Description	
Date			
		Ministry of Transport and Construction (MOTC) 42 Imayev Str. Bishkek City, The Kyrgyz Republic	
		Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz	
TITLE :			
Approved by	Date :	Special Designer	Drawing No.
Checked by :	Date :		Scale :
Designed by :	Date :		Date :
			Sheet No.
			AUG. 2012

D45 補修施工図 横断面

縮尺 1:300

0+70

0+70 (R)	
盛土	136.75m ²
切土	-



地盤高	距離	799.17	797.42	797.31	796.34	793.96	794.05	794.59	794.56	794.52	-1.33	794.36	794.24	794.21	794.03	793.86	793.33	793.55	793.25	793.21	793.90	781.74	784.47	20.64	25.00	773.00	38.99	770.00	43.79
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REVISIONS		TITLE :		Approved By :		Drawing No. :		Sheet No. :	
Date	Description	Special Assistance for Project Sustainability on Bishkek-osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz		Special Designer	Date	Scale	Date	Date	
				Checked by :	Date :				
				Designed by :	Date :				
					Date :				

Ministry of Transport and Communication (MOTC)
42 Lenin Str. Bishkek City, The Kyrgyz Republic



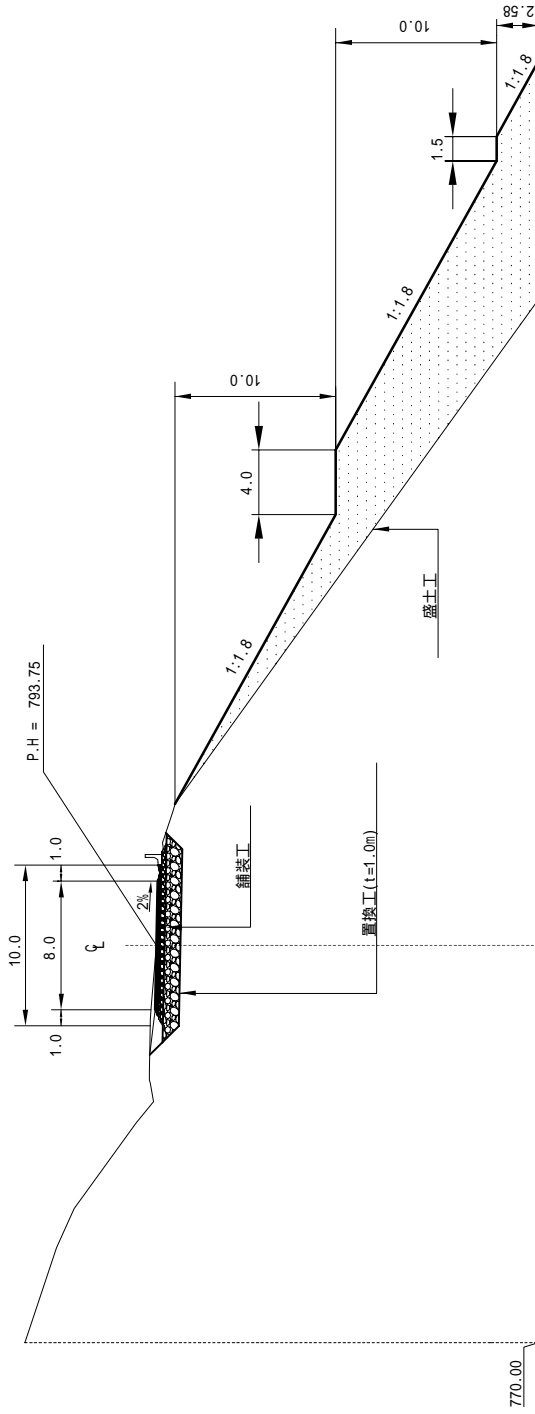
KATAHARA & ENGINEERS INTERNATIONAL

D45 補修施工図 横断面

縮尺 1:300

0+80

0+80 (R)	
盛土	159.16m ²
切土	-



距離	770.00	-24.69	801.92	-18.78	799.94	-16.36	798.86	-11.04	794.98	-9.71	793.93	-8.58	794.13	-8.38	794.18	-7.89	794.17	-4.56	794.12	-3.73	794.06	0.00	793.75	0.08	793.75	5.59	793.33	6.11	793.31	6.39	793.36	6.30	792.74	6.62	792.62	8.71	792.59	8.79	792.59	25.00	780.91	40.15	770.00
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REVISIONS	Date	Description



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Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE :

Approved by: Special Designer
Checked by:
Designed by:

Drawing No.:
Scale:
Date:
Date:
Date:
Date:

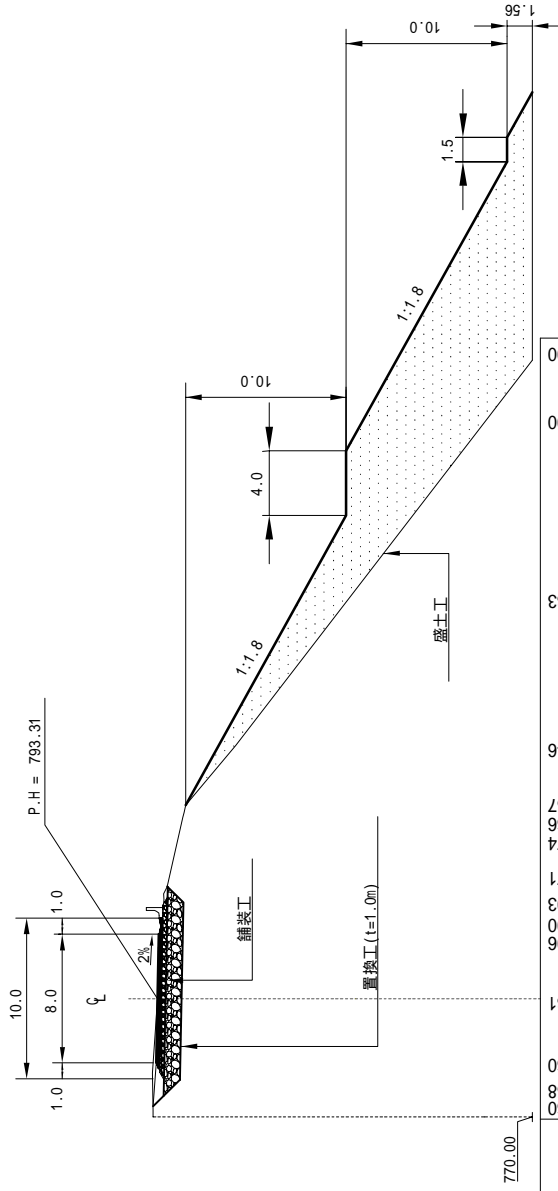
Sheet No.:
Date: AUG. 2012

D45 補修施工図 横断面


縮尺 1:300

0+90

0+90 (R)	
盛土	172.11m ²
切土	-



距離	地盤高
-7.36	793.60
-6.94	793.58
-4.64	793.60
0.00	793.31
5.55	792.96
6.16	792.90
6.52	792.93
6.95	792.71
11.26	791.74
11.58	791.66
12.04	791.57
15.74	788.46
25.00	781.33
35.80	773.00
39.69	770.00

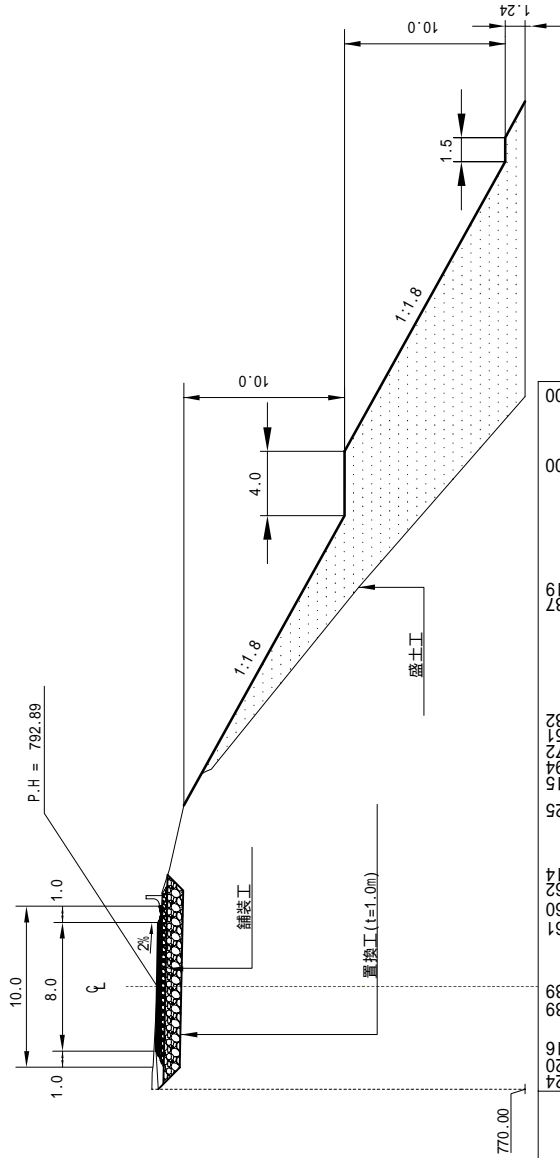
No.	REVISIONS	Date	Description	Approved By	Special Designer	Checked By	Designed By	Date	Drawing No.	Sheet No.	
TITLE :				Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz							
								Ministry of Transport and Construction (MOTC) of the Kyrgyz Republic 42 Manas St., Bishkek City, The Kyrgyz Republic			

D45 補修施工図 横断面

縮尺 1:300

1+00

1+00 (R)	
盛土	177.01m ²
切土	-



地盤高	距離	793.24	793.20	793.16	-0.03	792.89	792.89	792.61	792.61	792.60	792.62	792.14	791.25	790.15	789.73	789.51	789.32	780.37	780.19	774.00	770.00
11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26

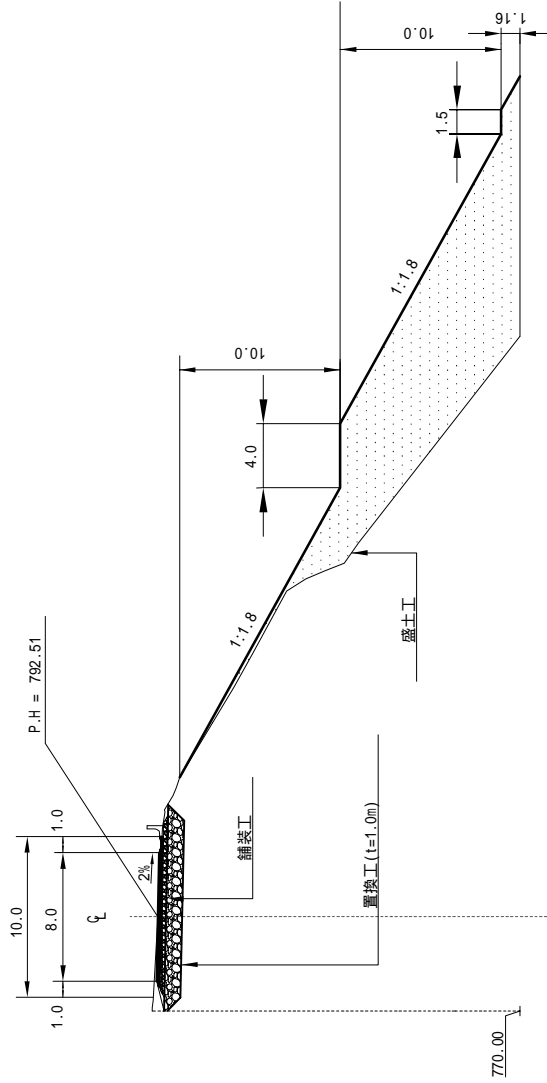
No.	REVISIONS		Description	Date	Approved by	Special Designer	Checked by	Designed by	Date	Drawing No.	Sheet No.
TITLE : Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys											
Ministry of Transport and Communication (MOTC) 42 Lenin Str. Bishkek City, The Kyrgyz Republic								Approved by: _____ Date: _____ Checked by: _____ Date: _____ Designed by: _____ Date: _____			

D45 補修施工図 横断面

縮尺 1:300

1+10

1+10 (R)	
盛土	144.03m ²
切土	-



地盤	距離	792.86	792.86	-0.66	792.82	-5.19	792.62	-1.62	792.51	0.00	792.50	0.15	792.24	5.52	792.09	6.51	792.07	6.63	792.09	6.63	791.57	7.53	791.38	8.01	791.17	8.67	787.79	14.25	786.61	16.36	784.51	20.25	783.30	21.03	782.13	21.50	780.92	21.98	780.03	23.26	778.67	25.00	770.00						
36.11	11																																																

REVISIONS		DESCRIPTION	
No.	Date		

Ministry of Transport and Communication (MOTC) 42 Manas St., Bishkek City, The Kyrgyz Republic

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Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

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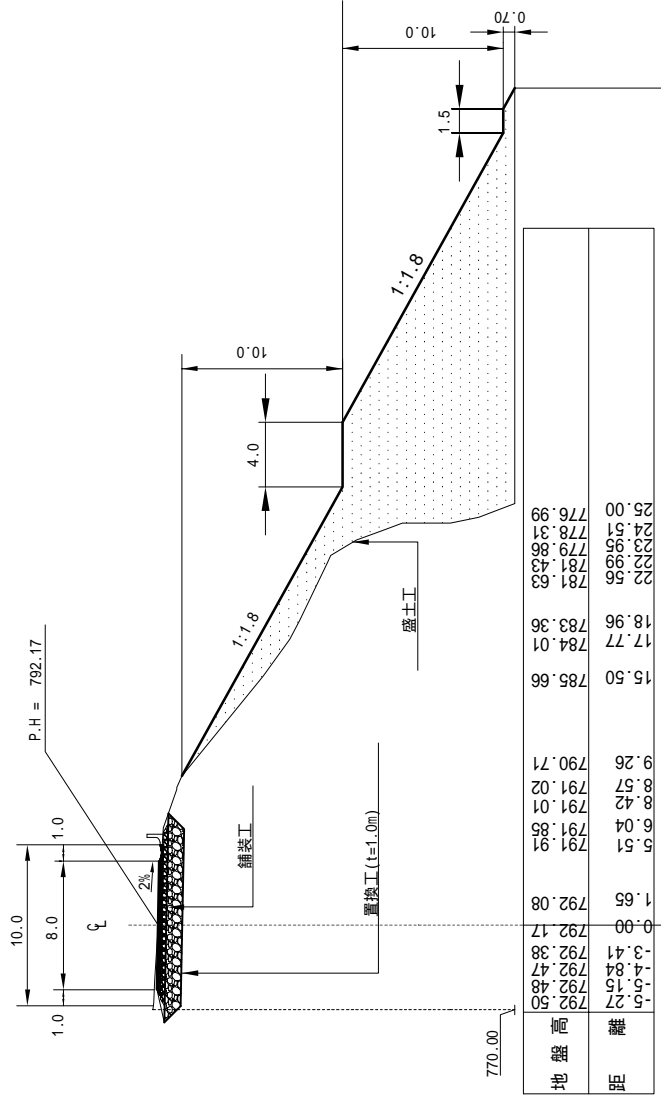
Approved By : Special Designer Date : Drawing No. : Sheet No. :
 Checked By : Date : Scale :
 Designed By : Date : AUG. 2012

D45 補修施工図 横断図

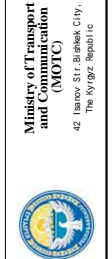
縮尺 1:300

1+20

1+20 (R)	
盛土	195.39m ²
切土	-



No.	Date	Description



Ministry of Transport
and Construction
(MOTC)
42 Lenin Str. Bishkek City,
The Kyrgyz Republic



Special Assistance
for Project Sustainability
on Bishkek-Osh Road
Rehabilitation Project Phase 2
(SAPS) in Kyrgys

TITLE :

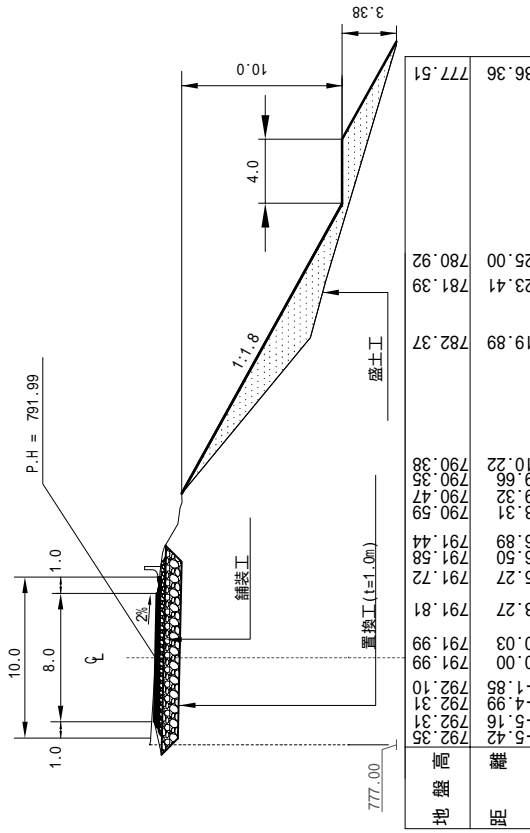
Approved By	Date	Drawing No.	Sheet No.
Special Designer			
Checked By	Date	Scale	
Designed By	Date	Date	
		Date	
		AUG. 2012	

D45 補修施工図 横断面

縮尺 1:300

1+25

1+25 (R)	
盛土	34.43m ²
切土	-



No.	Date	Description

REVISIONS	
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Ministry of Transport and Communication (MOTC) 42 Lenin Str. Bishkek City, The Kyrgyz Republic	KATAHARA & ENGINEERS INTERNATIONAL	Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys	TITLE :
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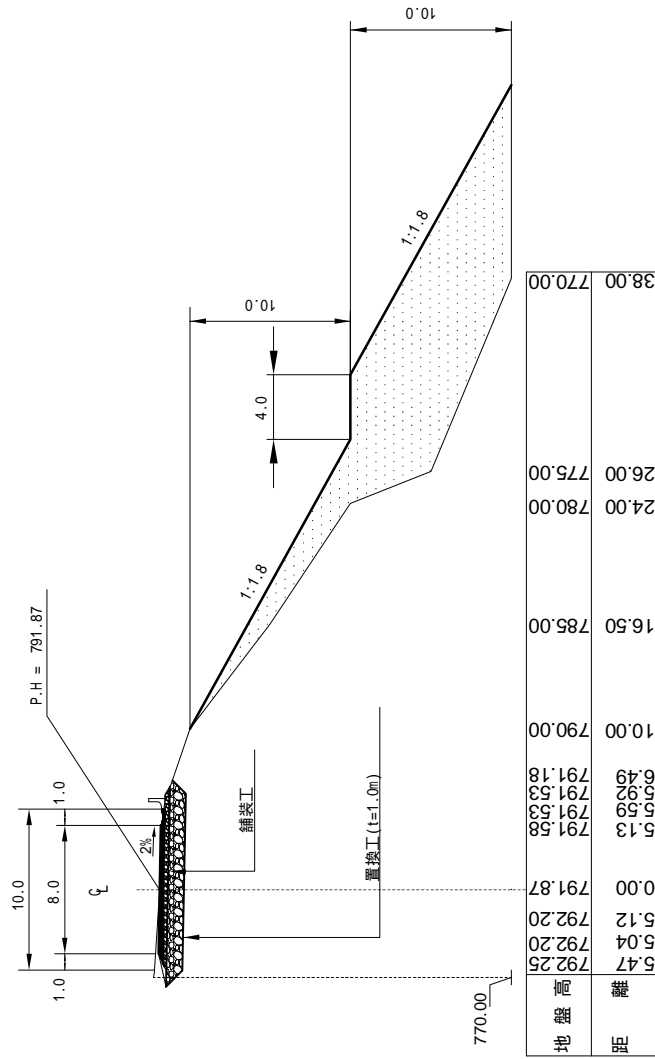
Approved by Special Designer	Date :	Drawing No.	Sheet No.
Checked by :	Date :	Scale :	
Designed by :	Date :	Date :	AUG. 2012

D45 補修施工図 横断面

縮尺 1:300

1+30

1+30 (R)	
盛土	147.36m ²
切土	-



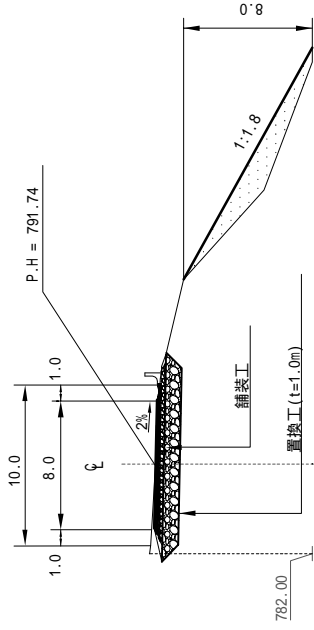
REVISIONS		No.		Date		Description	
Ministry of Transport and Communication (MOTC) 42, Manas St., Bishkek City, The Kyrgyz Republic							
KREI INTERNATIONAL ENGINEERS				TITLE : Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz			
Approved by		Date :		Drawing No.		Sheet No.	
Checked by :		Date :		Scale :		Date :	
Designed by :		Date :		Date :		AUG. 2012	

D45 補修施工図 横断面図

縮尺 1:300

1+35

1+35 (R)	
盛土	15.22m ²
切土	-



地盤高	距離	792.12	792.11	792.06	791.74	791.44	791.37	791.09	790.00	785.00	782.00
-5.57	-5.49	-5.05	-0.08	0.00	5.32	5.76	6.07	6.85	11.50	17.00	25.00

No.	Date	Description



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42 Lenin St., Bishkek City, The Kyrgyz Republic



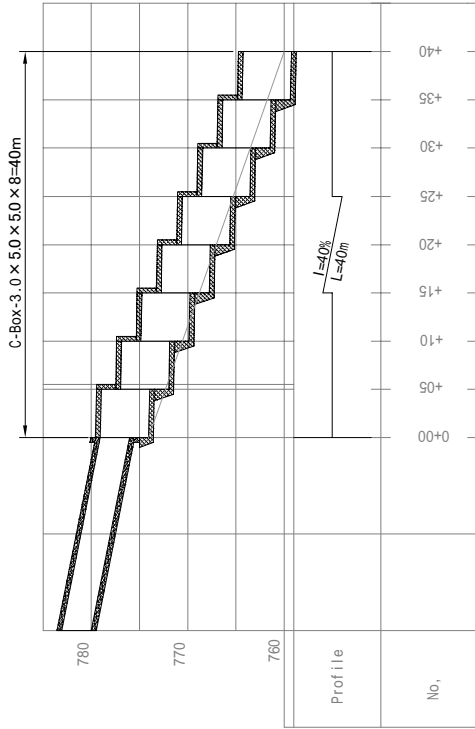
Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgys

TITLE :

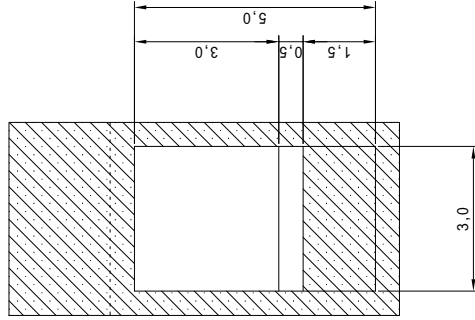
Approved by	Special Designer	Date :	Drawing No.	Sheet No.
Checked by :		Date :	Scale :	
Designed by :		Date :	Date :	AUG. 2012

D45 付替水路工 一般図

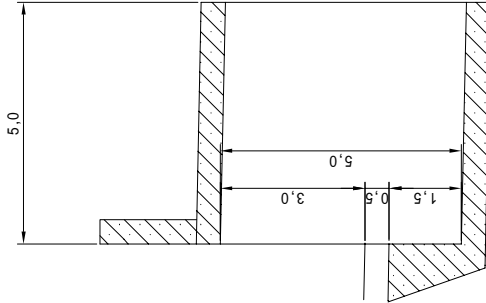
縦断面図 縮尺 1:250



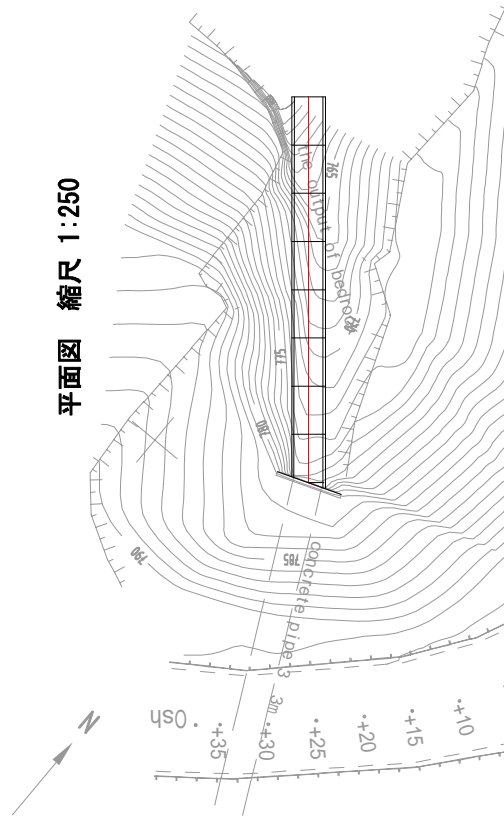
正面図 縮尺 1:50





側面図 縮尺 1:50



平面図 縮尺 1:250



注意:
ここに示す一般図は参考図であり、施工に際しては
現地状況に合わせて修正すること。

REVISIONS		TITLE		Approved by		Drawing No.		Sheet No.	
No.	Date	Date	Date	Special Engineer	Date	Scale	Date	Date	Date
				Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz					
				 KREI INTERNATIONAL					
				Ministry of Transport and Construction (MOTC) 42 Lenin Str., Bishkek City, The Kyrgyz Republic					
									
				Design by : _____ Date : _____ Checked by : _____ Date : _____ Designed by : _____ Date : _____				AUG. 2012	

D45 数量総括表

項目	種別	単位	数量	備考
盛土工		m3	20,973	
置換工	t=3m	m3		
置換工	t=1m	m3	1,755	
舗装工		m2	1,350	
舗装撤去工		m3	607	
路面排水溝		m	135	
小段排水溝		m	150	
縦排水溝		箇所	1	
管渠工 延伸	φ 2.0m	m		
付替水路		箇所	1	

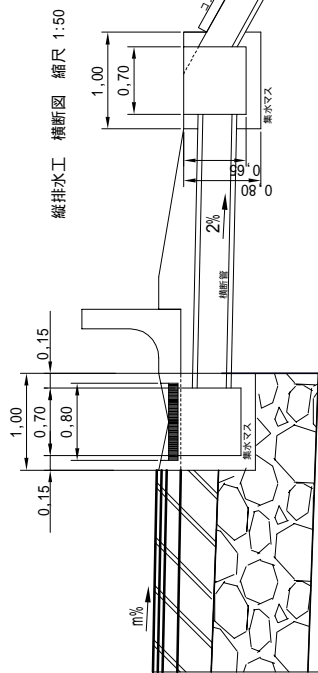
D45 盛土工計算書

KP	短距離 m	左側		右側	
		断面積 m2	土量 m3	断面積 m2	土量 m3
0+00	0			11.61	0.00
0+10	10			219.38	1,154.95
0+20	10			207.61	2,134.95
0+30	10			174.94	1,912.75
0+40	10			162.85	1,688.95
0+50	10			152.65	1,577.50
0+60	10			143.78	1,482.15
0+70	10			136.75	1,402.65
0+80	10			159.16	1,479.55
0+90	10			172.11	1,656.35
1+00	10			177.01	1,745.60
1+10	10			144.03	1,605.20
1+20	10			195.39	1,697.10
1+25	5			34.43	574.55
1+30	5			147.36	454.48
1+35	5			15.22	406.45
小計	135		0.00		20,973.18
合計			20,973.18		

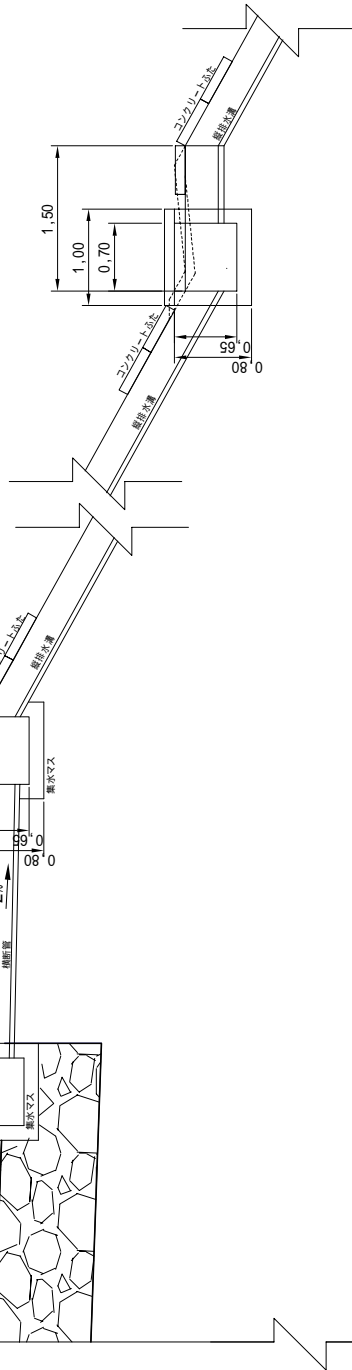
D45 置換工 (t=1m)

KP	単距離 m	断面積 m2	体積 m3
0+00			
1+35	135	13.00	1,755.00
合計	135	13.00	1,755.00

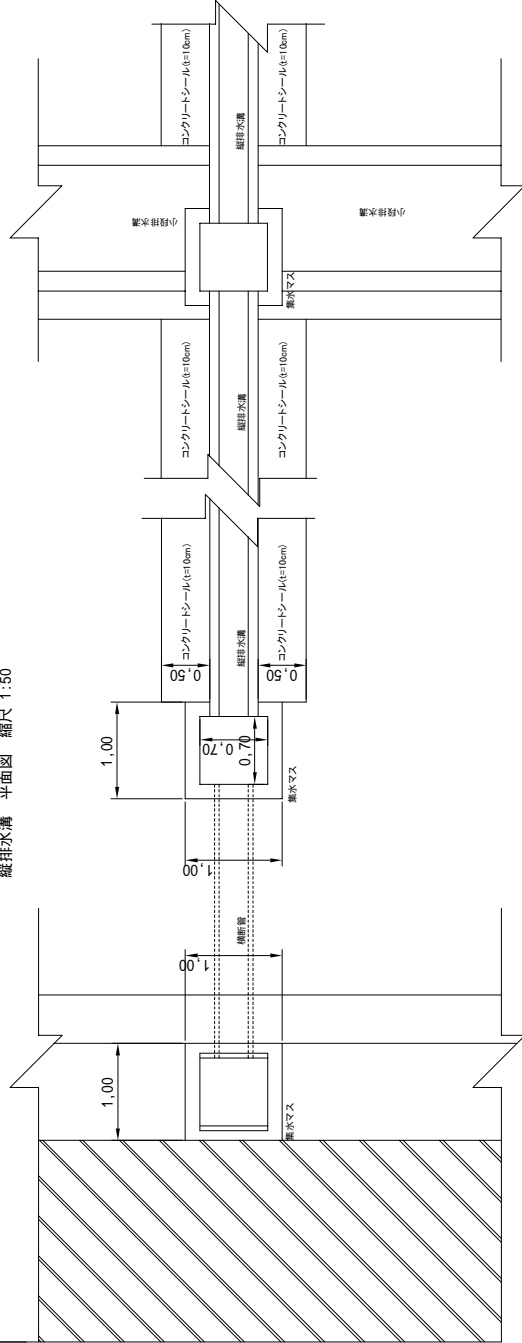
縦排水工 一般図



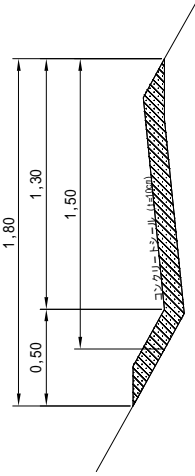
縦排水工 横断面図 縮尺 1:50



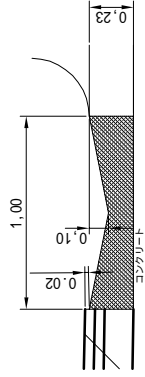
縦排水溝 平面図 縮尺 1:50



小段排水溝 詳細図 縮尺 1:25



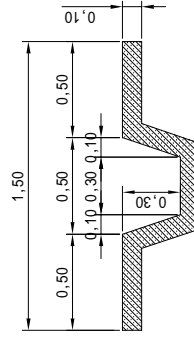
路面排水溝 詳細図 縮尺 1:25



材料表 (m単位)

項目	単位	数量	摘要
コンクリート	m ³	0.180	
型枠	m ²	0.46	

縦排水溝 詳細図 縮尺 1:25



材料表 (m単位)

項目	単位	数量	摘要
コンクリート	m ³	0.986	
型枠	m ²	0.2	

注意:
ここに示す一般図は参考図であり、施工に際しては
現地状況に合わせて修正すること。

No.	Date	Description

REVISIONS

Ministry of Transport and Construction (MOTC)
42 Lenin Str. Bishkek City, The Kyrgyz Republic

KATAHARA & ENGINEERS
INTERNATIONAL

Special Assistance for Project Sustainability on Bishkek-Osh Road Rehabilitation Project Phase 2 (SAPS) in Kyrgyz

TITLE :

Approved By: *Special Designer*
Checked By:
Designed By:

Date: Date: Date:

Drawing No. Sheet No.

Scale: Date: Date:

AUG. 2012