

Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project

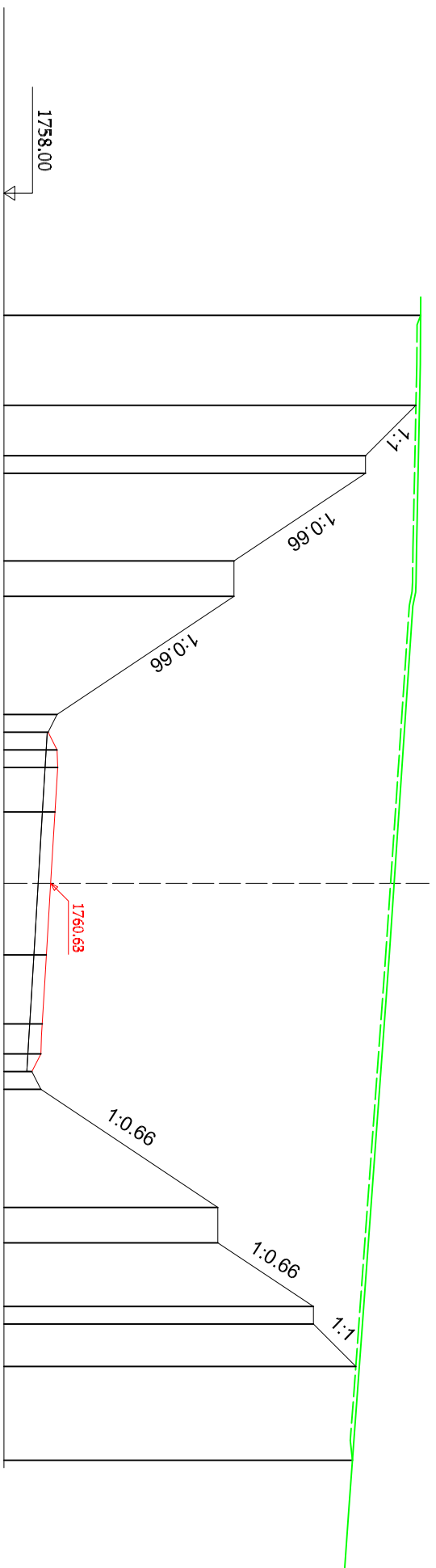
Workshop Drawing

**Submission of Typical Cross Sections for Earthworks
in Section Km11+540-K12+000**

Approved by the Engineer:

CRCC23G

Aug 20 2021



REMOVAL OF TOPSOIL.
 ნაგრეგობრივი ძირის ამხსნა S=12.667მ²
 EXCAVATION
 უბეკვანის S=704.116მ²

Design date შემუშავის თარიღი	Elevation m სიმაღლე, მ	Distance m აბსცისა, მ
	1781.17	26.87
	1778.33	24.05
	1778.33	23.05
	1770.93	18.12
	1770.93	16.13
	1760.98	9.50
	1760.48	8.50
	1760.98	7.50
	1761.02	6.50
	1760.87	4.00
	1760.63	0.00
	1760.38	4.00
	1760.16	7.90
	1760.07	9.60
	1759.57	10.60
	1760.07	11.60
	1770.02	18.22
	1770.02	20.21
	1775.40	23.79
	1775.40	24.78
	1777.78	27.17
Actual date ყველაზე ახალი თარიღი	1781.43	31.93
	1777.59	32.44

K11+30=11+540

The Employer



Roads Department of the Ministry of Regional Development and Infrastructure of Georgia

The Engineer



UBM ULSI, ARKASTI BILKESIMIS MÜŞAVİRLER MÜŞAVİRLİK HİZMETLERİ A.Ş.

The Contractor



China Railway 23rd Bureau Group Co., Ltd

Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project

TITLE: Roadbed

Number: LJSJ-11-01

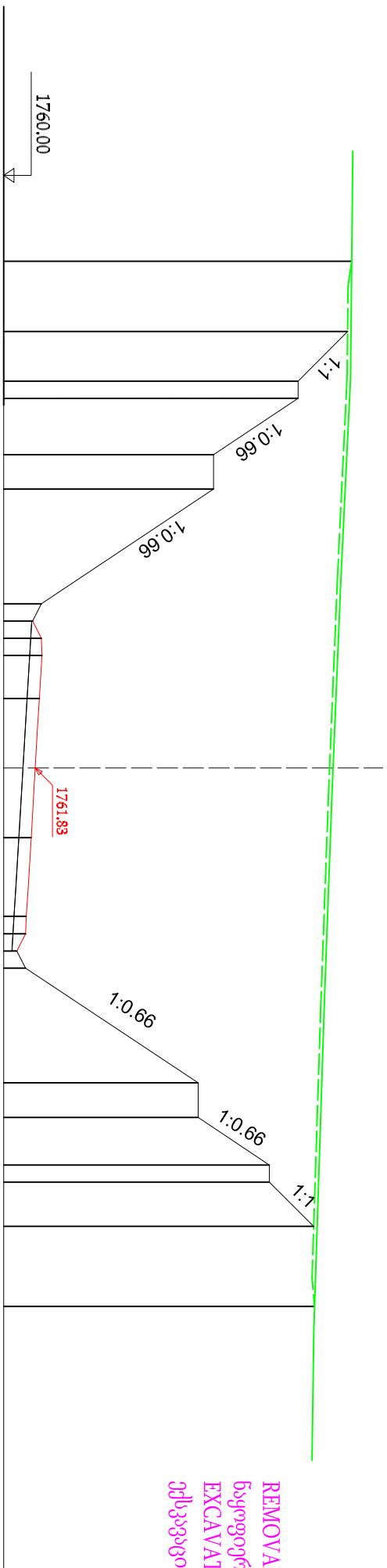
DESIGNER INTERNAL APPROVAL

DESIGNER: Feng Qi DATE: 2021.08.12

CHECKED INTERNAL BY: Guo Panfeng DATE: 2021.08.12

APPROVED INTERNAL BY: Yan Panfeng DATE: 2021.08.12







APPROVAL:

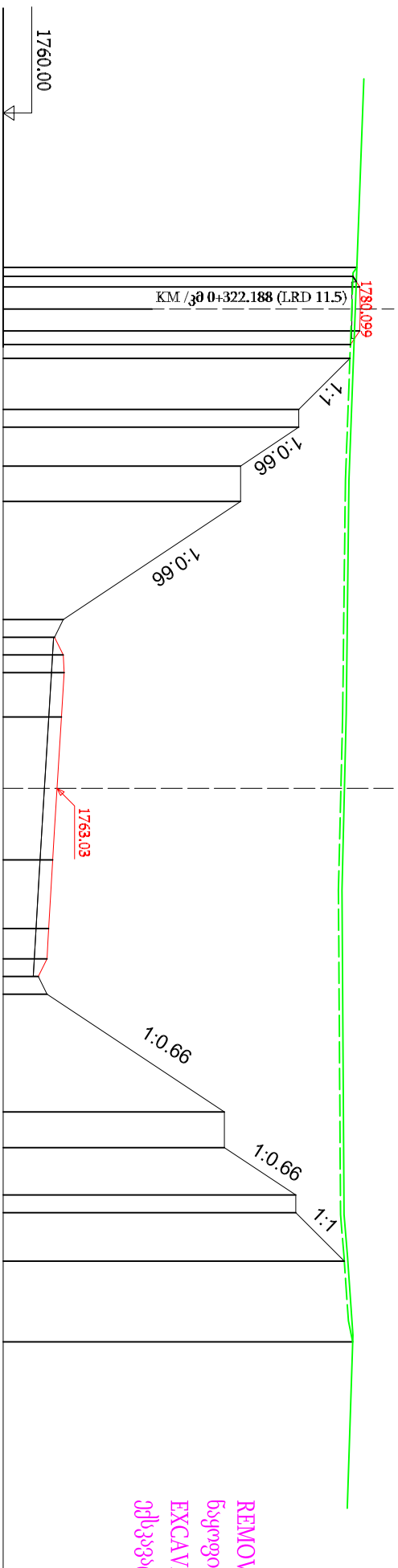


REMOVAL OF TOPSOIL
 56ყოფილი მიწის მოხდა S=11.8498²
 EXCAVATION
 26333333 S=611.6198²

Design date პროექტის დასრულება	Elevation სიღრმე, მ	Distance in მეტრებში	Actual date ყოფილი მოხდა	Elevation სიღრმე, მ	Distance in მეტრებში
		25.37		1780.21	29.45
		22.49		1779.97	
		21.49		1777.10	
		18.22		1772.18	
		16.22		1772.18	
		9.55		1762.19	
		8.55		1761.68	
		7.55		1762.19	
		6.55		1762.22	
		4.05		1762.07	
		0.00		1761.83	0.00
		4.05		1761.59	
		8.65		1761.31	
		9.65		1761.27	
		10.65		1760.76	
		11.65		1761.27	
		18.30		1771.29	
		20.32		1771.29	
		23.08		1775.42	
		24.08		1775.42	
		26.64		1778.00	
		31.30		1778.05	







KM / 38=11+560

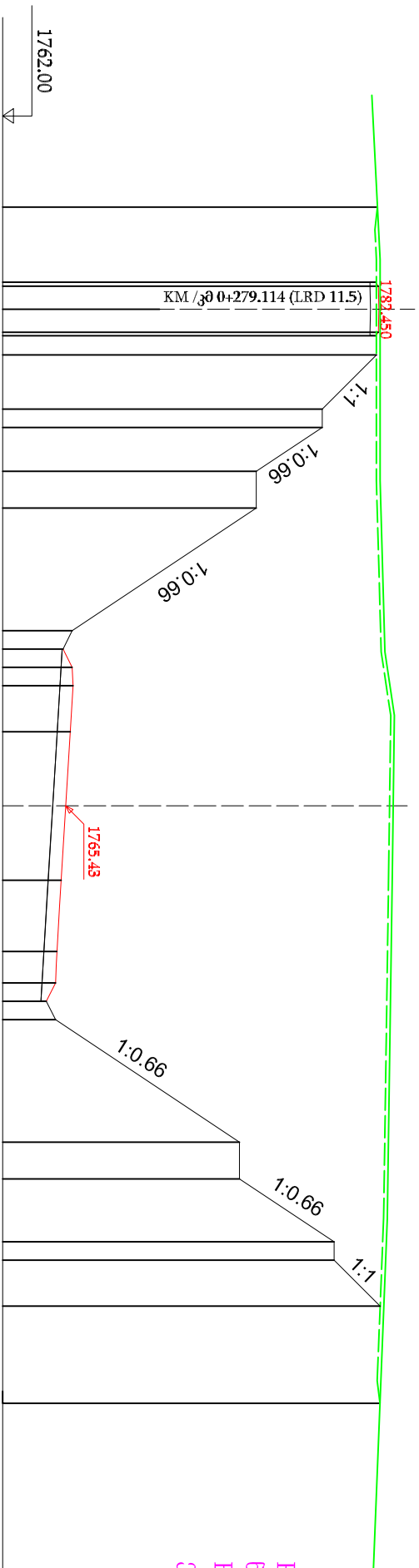
<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p>  <p>UBM LLC, ARKASTI BILKESMIS MTSAVRILER MTSAVRILK HIZMETLERI A. S.</p>		<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
<p>TITLE: Roadbed</p>		<p>Number: LJSJ-11-02</p>		<p>DESIGNER INTERNAL APPROVAL</p>	
<p>DRAN BR: Feng Qi</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>	<p>CHECKED INTERNAL BR: Guo Panfeng</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>
<p>APPROVED INTERNAL BR: Yan Panfei</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>	<p>APPROVAL:</p>		



REMOVAL OF TOPSOIL
 Եզրային թերթի մաքում S=12.0228²
 EXCAVATION
 Ծիկնային S=563.4918²

Design date Ճարված ամսաթիվ	Elevation Վերին հեղջիվ	Distance Հեռավոր մետր	Actual date Գործարկ ամսաթիվ	Elevation Վերին հեղջիվ	Distance Հեռավոր մետր
1.84	1779.75	0.00	29.45	1779.97	0.00
1.25	1780.13	0.00			
0.00	1780.099	0.00			
1.24	1780.13	0.00			
2.01	1779.61	0.00			
24.31	1779.58	0.00			
21.42	1776.69	4.05			
20.42	1776.69	4.05			
18.22	1773.40	4.05			
16.22	1773.40	4.05			
9.55	1763.39	4.05			
8.55	1762.90	4.05			
7.55	1763.39	4.05			
6.55	1763.44	4.05			
4.05	1763.29	4.05			
0.00	1763.03	0.00			
4.05	1762.80	4.05			
7.95	1762.56	4.05			
9.65	1762.47	4.05			
10.65	1761.98	4.05			
11.65	1762.47	4.05			
18.30	1772.49	4.05			
20.30	1772.49	4.05			
23.00	1776.52	4.05			
24.00	1776.52	4.05			
26.73	1779.26	4.05			
31.30	1779.73	4.05			

<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p>  <p>UBM ULSI, ARKASTI BILRESIMS MTSAVRILER MTSAVRILIK HIZMETLERI A.S.</p>		<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
TITLE:		Roadbed		Number:	
LJSJ-11-03					
DESIGNER INTERNAL APPROVAL			APPROVAL:		
DRAN BR:	Feng Qi	SIGNATURE:		DATE:	2021.08.12
CHECKED INTERNAL BR:	Guo Panfeng	SIGNATURE:		DATE:	2021.08.12
APPROVED INTERNAL BR:	Yan Panfei	SIGNATURE:		DATE:	2021.08.12



REMOVAL OF TOPSOIL
 654000000 00000 00000 S=12.8450²
 EXCAVATION
 000000000 S=624.9780²

Design date საგეგმავი თარიღი	Elevation სიმაღლე	Distance აბსოლუტი	Actual date აქტუალური თარიღი	Elevation სიმაღლე	Distance აბსოლუტი
	1782.33	1.48		1782.43	32.67
	1782.48	1.25			
	1782.450	0.00			
	1782.48	1.25			
	1782.34	1.44			
	1782.38	24.60			
	1779.42	21.65			
	1779.42	20.65			
	1775.82	18.25			
	1775.82	16.25			
	1765.79	9.55			
	1765.29	8.55			
	1765.79	7.55			
	1765.84	6.55			
	1765.68	4.05			
	1765.43	0.00			
	1765.19	4.05			
	1764.95	7.95			
	1764.89	9.65			
	1764.38	10.65			
	1764.89	11.65			
	1774.90	18.35			
	1774.90	20.35			
	1780.07	23.80			
	1780.07	24.80			
	1782.58	27.30			
	1782.57	32.60			

KM / 30+11+620

The Employer



Roads Department of the Ministry of Regional Development and Infrastructure of Georgia

The Engineer



UBM ULSI, ARKASTI BILRESIMS MTSAVRLEL
 MTSAVRLEL HZMETLERI A. S.

The Contractor



China Railway 23rd Bureau Group Co., Ltd

Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project

TITLE: Roadbed

Number: LJSJ-11-05

DESIGNER INTERNAL APPROVAL

DESIGNER: Peng Qi

CHECKED INTERNAL BY: Guo Panfeng

APPROVED INTERNAL BY: Yan Panfei

SIGNATURE: [Signature]

SIGNATURE: [Signature]

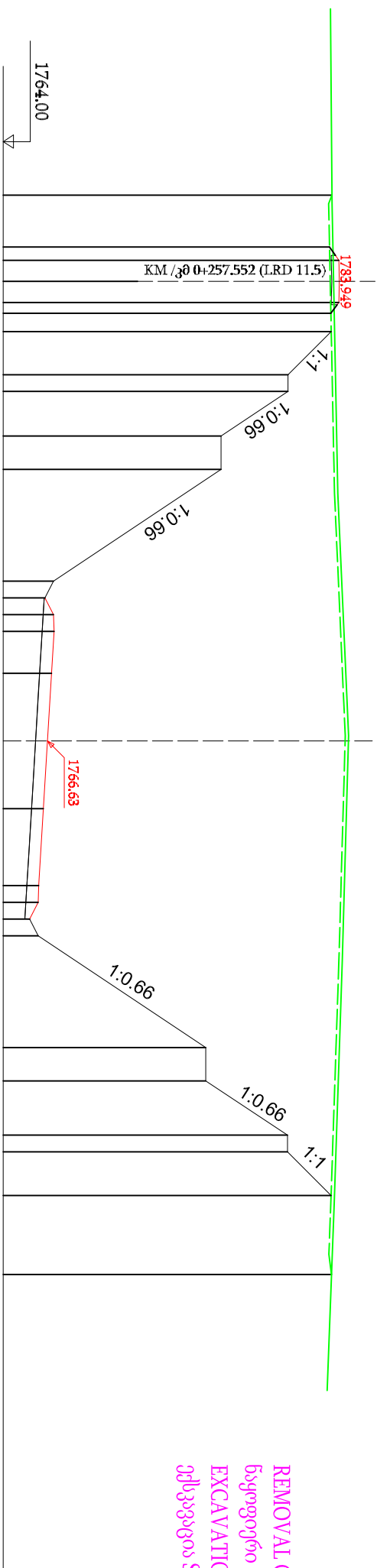
SIGNATURE: [Signature]

DATE: 2021.08.12

DATE: 2021.08.12




DATE: 2021.08.12

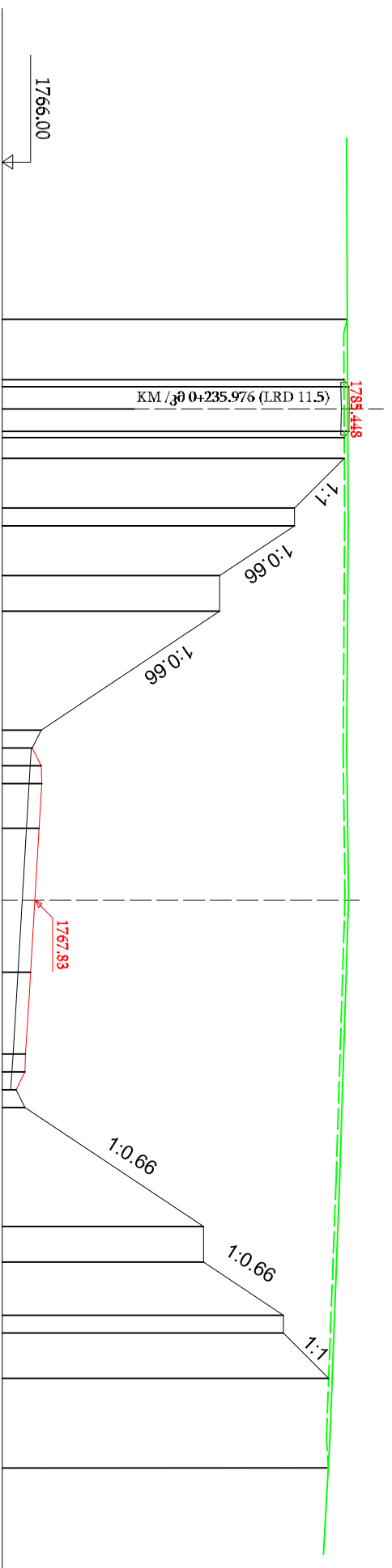
APPROVAL:















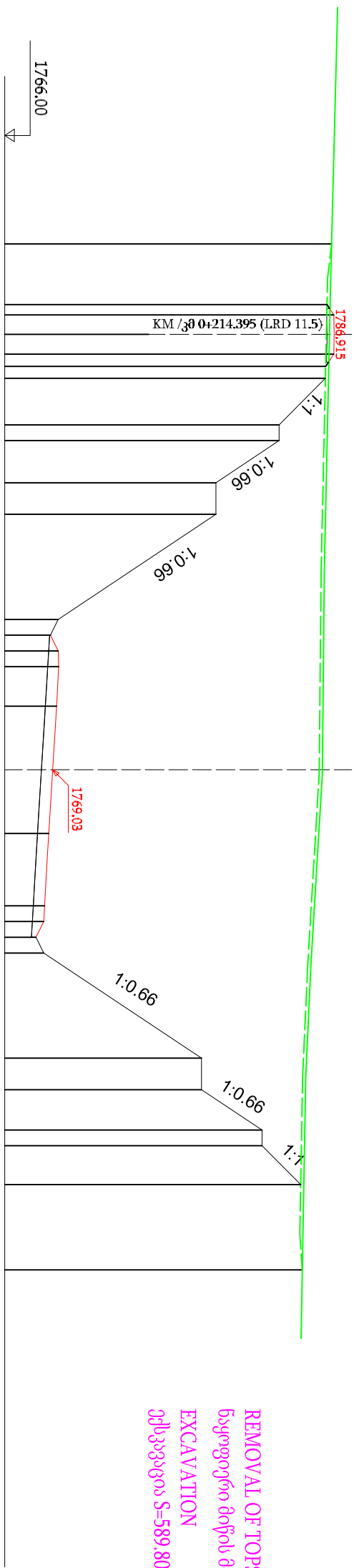
Design date საგებობის დასრულების თარიღი	Elevation სიღრმე/მაღალი	Distance აბსოლუტი	Actual date საგებობის დასრულების აბსოლუტი	Elevation სიღრმე/მაღალი	Distance აბსოლუტი
	1783.37	2.05		1783.49	32.44
	1783.93	1.25		1783.49	32.44
	1783.949	0.00		1783.49	32.44
	1783.93	1.25		1783.49	32.44
	1783.45	1.89		1783.49	32.44
	1783.47	24.33		1783.49	32.44
	1780.91	21.76		1783.49	32.44
	1780.91	20.77		1783.49	32.44
	1776.93	18.12		1783.49	32.44
	1776.93	16.13		1783.49	32.44
	1766.98	9.50		1783.49	32.44
	1766.48	8.50		1783.49	32.44
	1766.98	7.50		1783.49	32.44
	1767.02	6.50		1783.49	32.44
	1766.87	4.00		1783.49	32.44
	1766.63	0.00		1783.49	32.44
	1766.38	4.00		1783.49	32.44
	1766.11	8.60		1783.49	32.44
	1766.07	9.60		1783.49	32.44
	1765.57	10.60		1783.49	32.44
	1766.07	11.60		1783.49	32.44
	1776.02	18.22		1783.49	32.44
	1776.02	20.21		1783.49	32.44
	1780.88	23.43		1783.49	32.44
	1780.88	24.43		1783.49	32.44
	1783.46	27.02		1783.49	32.44
	1783.49	31.71		1783.49	32.44

REMOVAL OF TOPSOIL
 ნაკვეთის მიწის მოხდა S=12.6000²
 EXCAVATION
 ცმის სიღრმის S=617.3740²

<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p>  <p>UBM LLC, ARKASTI BILKESIMIS MTSAVRILER MTSAVRILK HIZMETLERI A. S.</p>		<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
<p>TITLE: Roadbed</p>		<p>Number: LJSJ-11-06</p>		<p>DESIGNER INTERNAL APPROVAL</p>	
<p>DRAN BR: Peng Qi</p>	<p>SIGNATURE: [Signature]</p>	<p>DATE: 2021.08.12</p>	<p>DRAN BR: Guo Panfeng</p>	<p>SIGNATURE: [Signature]</p>	<p>DATE: 2021.08.12</p>
<p>APPROVED INTERNAL BR: Yan Panfei</p>	<p>SIGNATURE: [Signature]</p>	<p>DATE: 2021.08.12</p>	<p>APPROVAL:</p>		






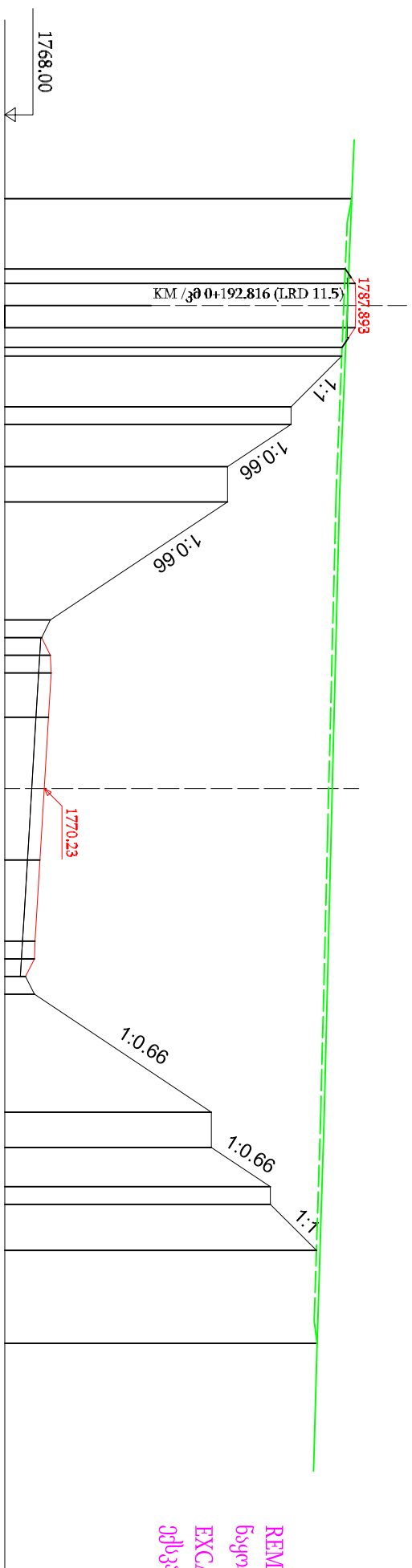
<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>	<p>The Engineer</p>  <p>UBM LLC, ARKASTI BILKESMIS MTSAVRILER MTSAVRILIK HIZMETLERI A. S.</p>	<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p> <p>TITLE: Roadbed</p> <p>Number: LJSJ-11-07</p>									
<p>DESIGNER INTERNAL APPROVAL</p> <table border="1" style="width: 100%;"> <tr> <td>DRAN BR: Feng Qi</td> <td>SIGNATURE: </td> <td>DATE: 2021.08.12</td> </tr> <tr> <td>CHECKED INTERNAL BR: Guo Panfeng</td> <td>SIGNATURE: </td> <td>DATE: 2021.08.12</td> </tr> <tr> <td>APPROVED INTERNAL BR: Yan Panfeng</td> <td>SIGNATURE: </td> <td>DATE: 2021.08.12</td> </tr> </table>		DRAN BR: Feng Qi	SIGNATURE: 	DATE: 2021.08.12	CHECKED INTERNAL BR: Guo Panfeng	SIGNATURE: 	DATE: 2021.08.12	APPROVED INTERNAL BR: Yan Panfeng	SIGNATURE: 	DATE: 2021.08.12	<p>APPROVAL:</p>	
DRAN BR: Feng Qi	SIGNATURE: 	DATE: 2021.08.12										
CHECKED INTERNAL BR: Guo Panfeng	SIGNATURE: 	DATE: 2021.08.12										
APPROVED INTERNAL BR: Yan Panfeng	SIGNATURE: 	DATE: 2021.08.12										















REMOVAL OF TOPSOIL
 Ելքային թղթի ծավալ S=12.5893²
 EXCAVATION
 Չվնասված S=589.8093²

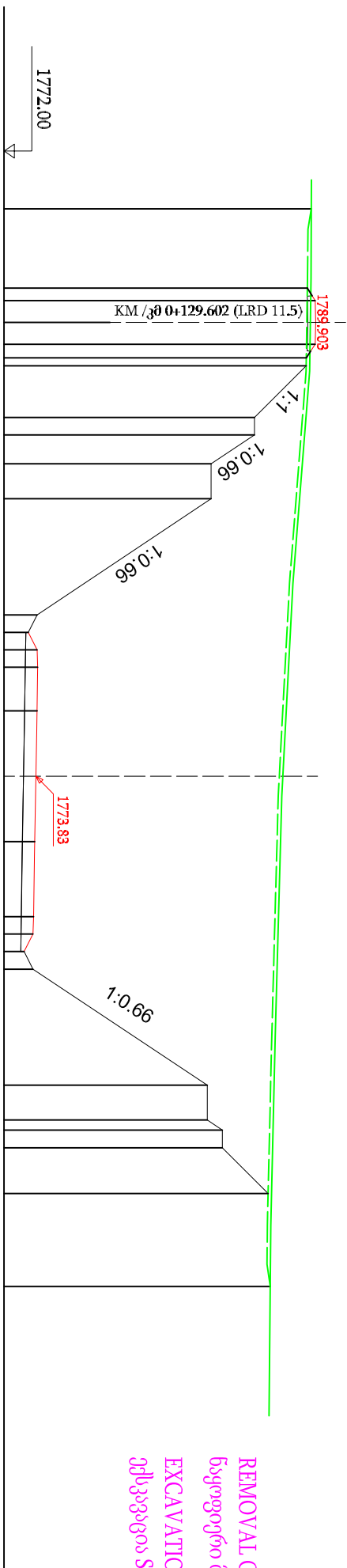
Design date Ճարված օրոք	Elevation Ցածրություն	Distance Հեռավորություն	Actual date Գործարար օրոք	Elevation Ցածրություն	Distance Հեռավորություն
	1786.46	1.64		1786.75	33.38
	1786.89	1.24			
	1786.915	0.00			
	1786.89	1.25			
	1786.37	1.76			
	1786.36	24.85			
	1783.42	21.89			
	1783.42	20.89			
	1779.40	18.22			
	1779.40	16.22			
	1769.39	9.55			
	1768.90	8.55			
	1769.39	7.55			
	1769.42	7.55			
	1769.29	4.05			
	1769.03	0.00			
	1768.80	4.05			
	1768.52	8.65			
	1768.47	9.65			
	1767.98	10.65			
	1768.47	11.65			
	1778.49	18.32			
	1778.49	20.32			
	1782.34	22.88			
	1782.34	23.88			
	1784.79	26.34			
	1784.89	31.76			

<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p>  <p>UBM ULSI, ARARASI BIRLESIMS MİSAVİRLER MİSAVİRLİK HİZMETLERİ A.Ş.</p>		<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
<p>TITLE: Roadbed</p>		<p>Number: LJSJ-11-08</p>		<p>DESIGNER INTERNAL APPROVAL</p>	
<p>DESIGNER: Peng Qi</p>	<p>CHECKED INTERNAL BY: Guo Panfeng</p>	<p>APPROVED INTERNAL BY: Yan Panfeng</p>	<p>SIGNATURE: [Signature]</p>	<p>SIGNATURE: [Signature]</p>	<p>DATE: 2021.08.12</p>
<p>APPROVAL:</p>					















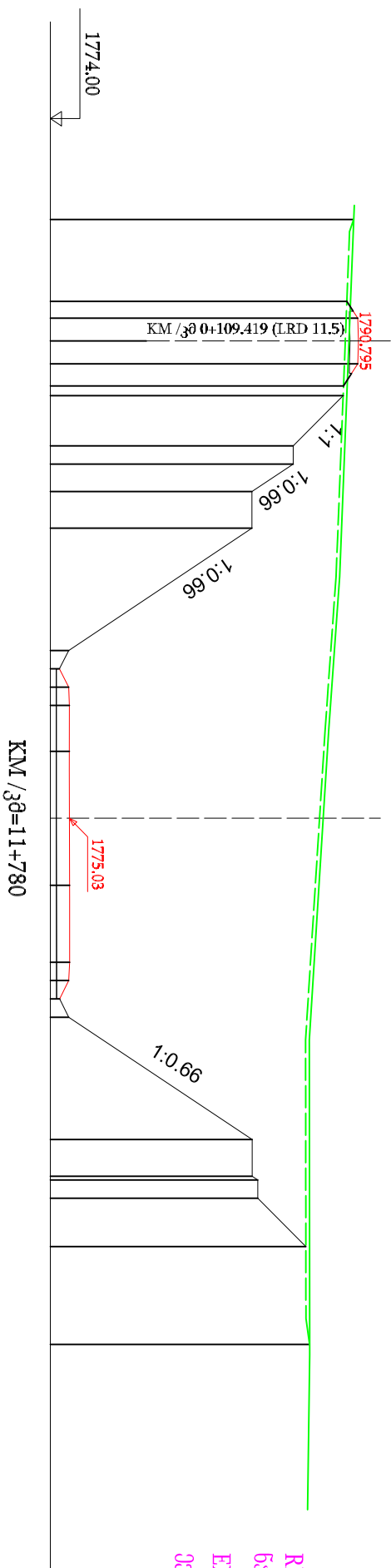
Design date პროექტის დასრულება	Elevation სიმაღლე	Distance შეშორება	Actual date ფაქტობრივი დასრულება	Elevation სიმაღლე	Distance შეშორება
	1787.25	2.07		1787.61	33.38
	1787.81	1.25			
	1787.893	0.00			
	1787.81	1.25			
	1787.07	2.36			
	1787.05	24.47			
	1784.18	21.61			
	1784.18	20.61			
	1780.59	18.22			
	1780.59	16.22			
	1770.58	9.55			
	1770.08	8.55			
	1770.58	7.55			
	1770.63	6.55			
	1770.47	4.05			
	1770.23	0.00			
	1769.98	4.05			
	1769.71	8.65			
	1769.68	9.65			
	1769.17	10.65			
	1769.68	11.65			
	1779.68	18.32			
	1779.68	20.32			
	1783.01	22.54			
	1783.01	23.54			
	1785.62	26.14			
	1785.65	31.40			

<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>	<p>The Engineer</p>  <p>UBM UUSI, ARKASTI BILISWIS შპს შპს "UBM HIZMETLERI A.Ş."</p>	<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</td> </tr> <tr> <td style="width: 50%;">TITLE:</td> <td style="text-align: center;">Roadbed</td> </tr> <tr> <td style="width: 50%;">Number:</td> <td style="text-align: center;">LJSJ-11-09</td> </tr> </table>	Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project		TITLE:	Roadbed	Number:	LJSJ-11-09		
Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project											
TITLE:	Roadbed										
Number:	LJSJ-11-09										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DESIGNER INTERNAL APPROVAL</td> <td style="width: 50%;">APPROVAL:</td> </tr> <tr> <td> DESIGNER: Feng Qi CHECKED INTERNAL BY: Guo Panfeng APPROVED INTERNAL BY: Yan Panfeng </td> <td> SIGNATURE:  SIGNATURE:  SIGNATURE:  </td> </tr> <tr> <td>DATE: 2021.08.12</td> <td>DATE: 2021.08.12</td> </tr> <tr> <td>DATE: 2021.08.12</td> <td>DATE: 2021.08.12</td> </tr> </table>		DESIGNER INTERNAL APPROVAL	APPROVAL:	DESIGNER: Feng Qi CHECKED INTERNAL BY: Guo Panfeng APPROVED INTERNAL BY: Yan Panfeng	SIGNATURE:  SIGNATURE:  SIGNATURE: 	DATE: 2021.08.12	DATE: 2021.08.12	DATE: 2021.08.12	DATE: 2021.08.12		
DESIGNER INTERNAL APPROVAL	APPROVAL:										
DESIGNER: Feng Qi CHECKED INTERNAL BY: Guo Panfeng APPROVED INTERNAL BY: Yan Panfeng	SIGNATURE:  SIGNATURE:  SIGNATURE: 										
DATE: 2021.08.12	DATE: 2021.08.12										
DATE: 2021.08.12	DATE: 2021.08.12										



Design date საპროექტო თარიღი	Elevation სიმაღლე	Distance განსაზღვრული	Actual date ფაქტობრივი თარიღი	Elevation სიმაღლე	Distance განსაზღვრული
	1789.42	1.97		1789.65	32.57
	1789.87	1.25			
	1789.903	0.00			
	1789.87	1.25			
	1789.36	2.03			
	1789.36	23.56			
	1786.39	20.59			
	1786.39	19.59			
	1783.90	17.93			
	1783.90	15.93			
	1773.90	9.25			
	1773.40	8.25			
	1773.90	7.25			
	1773.93	6.25			
	1773.90	3.75			
	1773.83	0.00			
	1772.76	3.75			
	1773.69	8.05			
	1773.66	9.05			
	1773.16	10.05			
	1773.66	11.05			
	1783.68	17.74			
	1783.68	19.74			
	1784.54	20.32			
	1784.54	21.33			
	1787.17	23.96			
	1787.29	29.30			

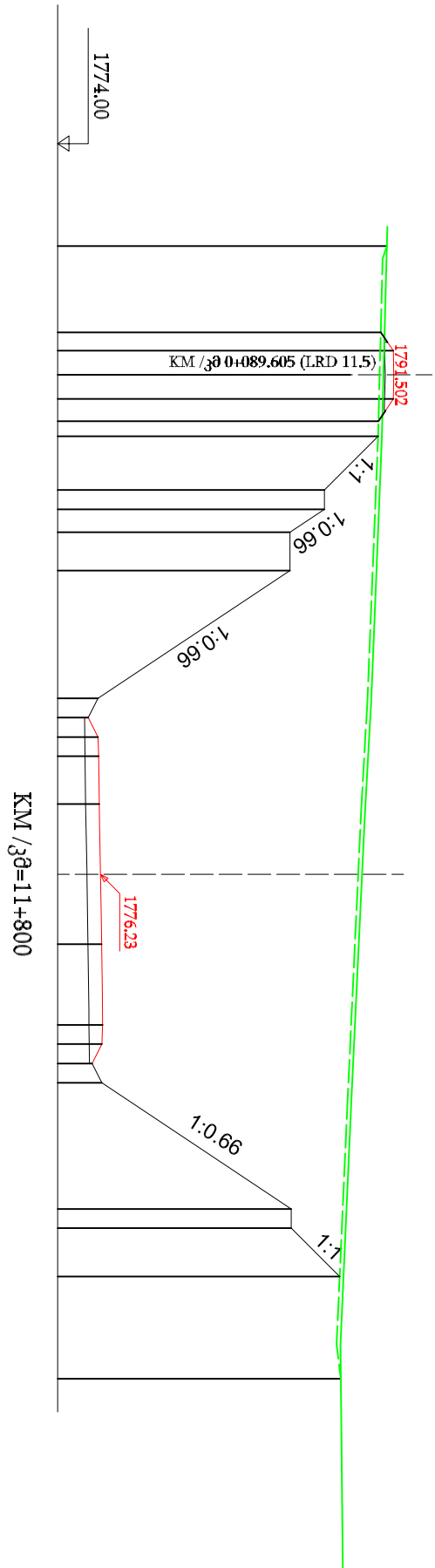
<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>	<p>The Engineer</p>  <p>UBM UUSJ, ARKASTI BILKESMIS MTSAVRLEL MTSAVRLEK HIZMETLERI A. S.</p>	<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	<p>DESIGNER INTERNAL APPROVAL</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNER NAME: Feng Qi</td> <td>SIGNATURE: </td> <td>DATE: 2021.08.12</td> </tr> <tr> <td>CHECKED INTERNAL BY: Guo Panfeng</td> <td>SIGNATURE: </td> <td>DATE: 2021.08.12</td> </tr> <tr> <td>APPROVED INTERNAL BY: Yan Panfei</td> <td>SIGNATURE: </td> <td>DATE: 2021.08.12</td> </tr> </table>	DESIGNER NAME: Feng Qi	SIGNATURE: 	DATE: 2021.08.12	CHECKED INTERNAL BY: Guo Panfeng	SIGNATURE: 	DATE: 2021.08.12	APPROVED INTERNAL BY: Yan Panfei	SIGNATURE: 	DATE: 2021.08.12
DESIGNER NAME: Feng Qi	SIGNATURE: 	DATE: 2021.08.12										
CHECKED INTERNAL BY: Guo Panfeng	SIGNATURE: 	DATE: 2021.08.12										
APPROVED INTERNAL BY: Yan Panfei	SIGNATURE: 	DATE: 2021.08.12										
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>			<p>TITLE: Roadbed</p> <p>Number: UJSJ-11-12</p>									
<p>APPROVAL:</p>												



REMOVAL OF TOPSOIL
 Ենպացուցելու ժամկետի ժամկետ S=12.0840²
 EXCAVATION
 շրջանակի S=435.7320²







Design date Ճարված օրեկային	Elevation Սկզբնական	Distance Հեռավորություն	Actual date Գյուծող օրեկային	Elevation Սկզբնական	Distance Հեռավորություն
	1790.18	2.15		1790.55	32.67
	1790.78	1.25			
	1790.795	0.00			
	1790.78	1.25			
	1790.00	2.46			
	1789.98	23.06			
	1787.25	20.32			
	1787.25	19.32			
	1785.00	17.83			
	1785.00	15.83			
	1775.00	9.15			
	1774.50	8.15			
	1775.00	7.15			
	1775.03	6.15			
	1775.03	3.65			
	1775.03	0.00		1788.69	0.00
	1775.05	3.65			
	1775.05	7.85			
	1775.00	8.85			
	1774.50	9.85			
	1775.00	10.85			
	1785.01	17.54			
	1785.01	19.54			
	1785.32	19.74			
	1785.32	20.74			
	1787.94	23.38			
	1788.15	28.72			

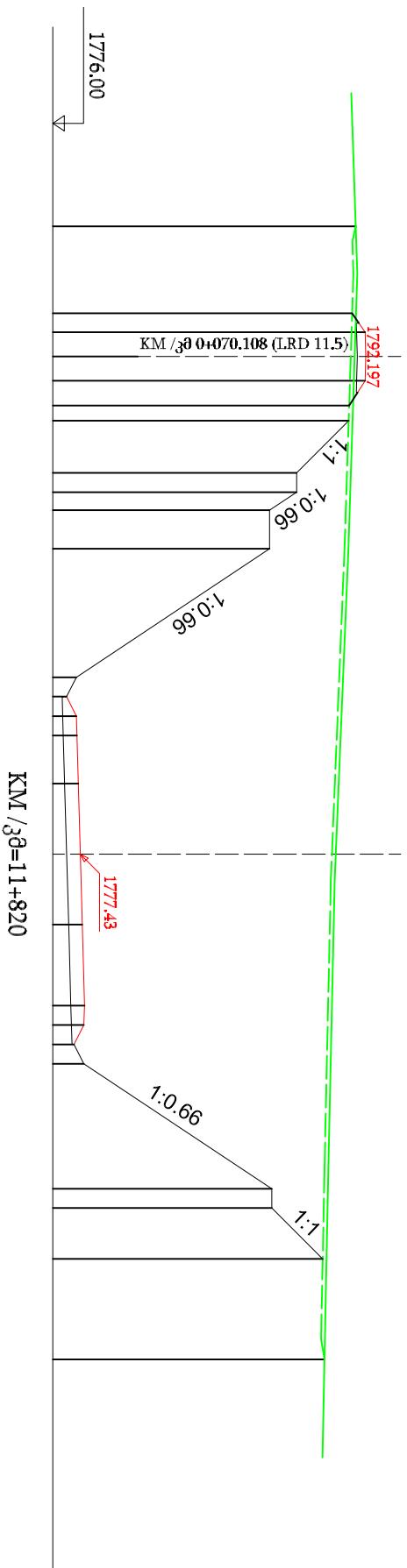
<p>The Employer</p> <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p> <p>UBM ULSI, ARKASTI BILKESİMİS MİSAVİRLER MİSAVİRLİK HİZMETLERİ A.Ş.</p>		<p>The Contractor</p> <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
<p>TITLE: Roadbed</p>		<p>Number: LJSJ-11-13</p>		<p>DESIGNER INTERNAL APPROVAL</p>	
<p>DESIGNER: Peng Qi</p>	<p>SIGNATURE: [Signature]</p>	<p>CHECKED INTERNAL BY: Guo Panfeng</p>	<p>SIGNATURE: [Signature]</p>	<p>APPROVED INTERNAL BY: Yan Panfei</p>	<p>SIGNATURE: [Signature]</p>
<p>DATE: 2021.08.12</p>	<p>DATE: 2021.08.12</p>	<p>DATE: 2021.08.12</p>	<p>DATE: 2021.08.12</p>	<p>DATE: 2021.08.12</p>	<p>DATE: 2021.08.12</p>
<p>APPROVAL:</p>					



REMOVAL OF TOPSOIL
 ნაკვეთის მიწის მოხსნა S=11.5700²
 EXCAVATION
 კვეთის ფართობი S=418.8390²

Design date საპროექტო თარიღი	Elevation სიღრმე	Distance შეშორება	Actual date გაქმნის თარიღი	Elevation სიღრმე	Distance შეშორება
	1790.83	1.69		1791.14	33.20
	1791.49	1.25			
	1791.502	0.00			
	1791.49	1.25			
	1790.71	1.86			
	1790.69	23.28			
	1787.90	20.03			
	1787.90	19.01			
	1786.10	17.83			
	1786.10	15.83			
	1776.10	9.15			
	1775.60	8.15			
	1776.10	7.15			
	1776.14	6.15			
	1776.17	3.65			
	1776.23	0.00			
	1776.29	3.65			
	1776.34	7.85			
	1776.30	8.85			
	1775.80	9.85			
	1776.30	10.85			
	1786.17	17.44			
	1786.17	18.44			
	1788.69	20.96			
	1788.75	26.28			

<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p>  <p>UBM UUSJAKRASI BILISWIS შ.პ.ს. შ.პ.ს. UBSAURUK HZMETLERI A.Ş.</p>		<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
<p>Roadbed</p>					
<p>LJSJ-11-14</p>					
<p>DESIGNER INTERNAL APPROVAL</p>			<p>APPROVAL:</p>		
<p>DRAN BY: Feng Qi</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>	<p>DRAN BY: Gao Panfeng</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>
<p>APPROVED INTERNAL BY: Yan Panfei</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>			



Design date შემუშავების თარიღი	Elevation in სიმაღლე	Distance in შეშორება
Actual date შემუშავების თარიღი	Elevation in სიმაღლე	Distance in შეშორება
	1791.68	32.54
	1791.50	1.73
	1792.17	1.25
	1792.197	0.00
	1792.17	1.25
	1791.34	1.86
	1791.32	22.47
	1788.62	19.76
	1788.62	18.76
	1787.22	17.83
	1787.22	15.83
	1777.22	9.15
	1776.72	8.15
	1777.22	7.15
	1777.25	6.15
	1777.32	3.65
	1777.43	0.00
	1777.53	3.65
	1777.64	7.85
	1777.61	8.85
	1777.10	9.85
	1777.61	10.85
	1787.34	17.34
	1787.34	18.34
	1789.97	20.97
	1790.07	26.18

The Employer



Roads Department of the Ministry of Regional Development and Infrastructure of Georgia

The Engineer



UBM ULSI, ARKASTI BILKESIMIS MTSAVITLERI
MTSAVITLERI HZMETLERI A. S.

The Contractor



China Railway 23rd Bureau Group Co., Ltd

Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project

TITLE: Roadbed

Number: LJSJ-11-15

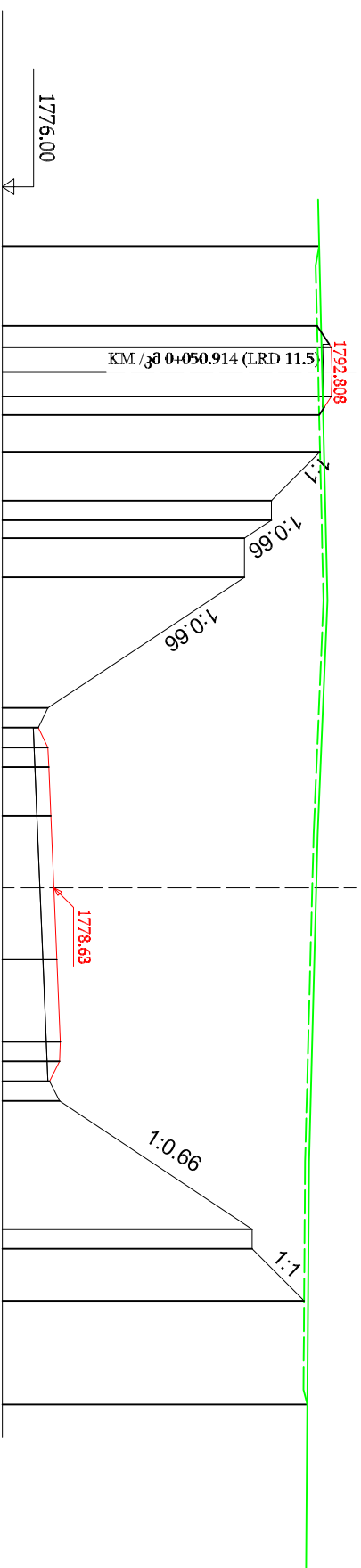
DESIGNER INTERNAL APPROVAL

DESIGNER: Peng Qi DATE: 2021.08.12

CHECKED INTERNAL BY: Guo Panfeng DATE: 2021.08.12

APPROVED INTERNAL BY: Yan Panfei DATE: 2021.08.12

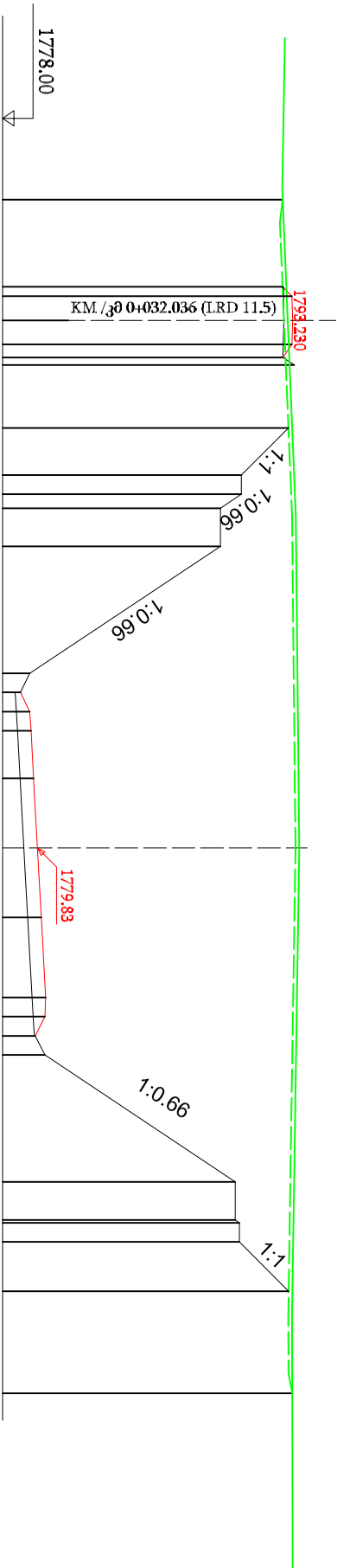
APPROVAL:



Design date შენიშნული თარიღი	Elevation სიღრმე/სიმაღლე	Distance შებენი შებენი	Actual date გაქმნის თარიღი	Elevation სიღრმე/სიმაღლე	Distance შებენი შებენი
	1792.03	2.34		1792.14	32.71
	1792.76	1.25			
	1792.808	0.00			
	1792.76	1.25			
	1792.14	2.20			
	1792.18	22.23			
	1789.71	19.74			
	1789.71	18.74			
	1788.34	17.83			
	1788.34	15.83			
	1778.32	9.15			
	1777.83	8.15			
	1778.32	7.15			
	1778.37	6.15			
	1778.47	3.65			
	1778.63	0.00		1791.79	0.00
	1778.78	3.65			
	1778.95	7.85			
	1778.91	8.85			
	1778.41	9.85			
	1778.91	10.85			
	1788.73	17.40			
	1788.73	18.40			
	1791.37	21.05			
	1791.54	26.33			

REMOVAL OF TOPSOIL
 მსუბუქი ნივთიერების S=11.6380²
 EXCAVATION
 მსუბუქი ნივთიერების S=408.2800²

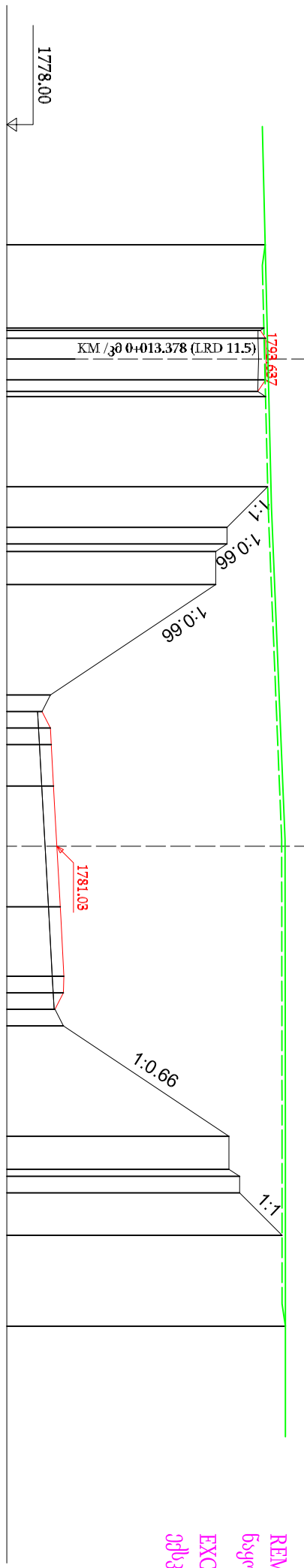
<p>The Employer</p> <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p> <p>UBM LLC/საინჟინრო ბიზნესის კომპანია უბი ლიმიტიდ</p>		<p>The Contractor</p> <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
<p>TITLE: Roadbed</p>		<p>Number: LJSJ-11-16</p>		<p>DESIGNER INTERNAL APPROVAL</p>	
<p>DESIGNER: Feng Qi</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>	<p>APPROVED INTERNAL BY: Gao Panfeng</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>
<p>APPROVED INTERNAL BY: Yan Panfei</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>	<p>APPROVAL:</p>		



Design date საინჟინრო დასაბუთება	Elevation სიმაღლე	Distance შესაღწევად	Actual date ფაქტობრივი დასაბუთება	Elevation სიმაღლე	Distance შესაღწევად
	1792.70	1.77		1792.71	34.03
	1793.20	1.25			
	1793.230	0.00			
	1793.20	1.25			
	1792.73	1.95			
	1793.32	2.34			
	1793.01	22.05			
	1790.54	19.57			
	1790.54	18.57			
	1789.44	17.83			
	1789.44	15.83			
	1779.42	9.15			
	1778.93	8.15			
	1779.42	7.15			
	1779.49	6.15			
	1779.63	3.65			
	1779.83	0.00			
	1780.03	3.65			
	1780.25	7.85			
	1780.22	8.85			
	1779.72	9.85			
	1780.22	10.85			
	1790.22	17.52			
	1790.22	19.52			
	1790.44	19.67			
	1790.44	20.67			
	1793.03	23.26			
	1793.22	28.62			




REMOVAL OF TOPSOIL
 ნაკვეთის მიწის მოხსნის S=12.3098²
 EXCAVATION
 ცხსკვსკვოს S=422.3643²

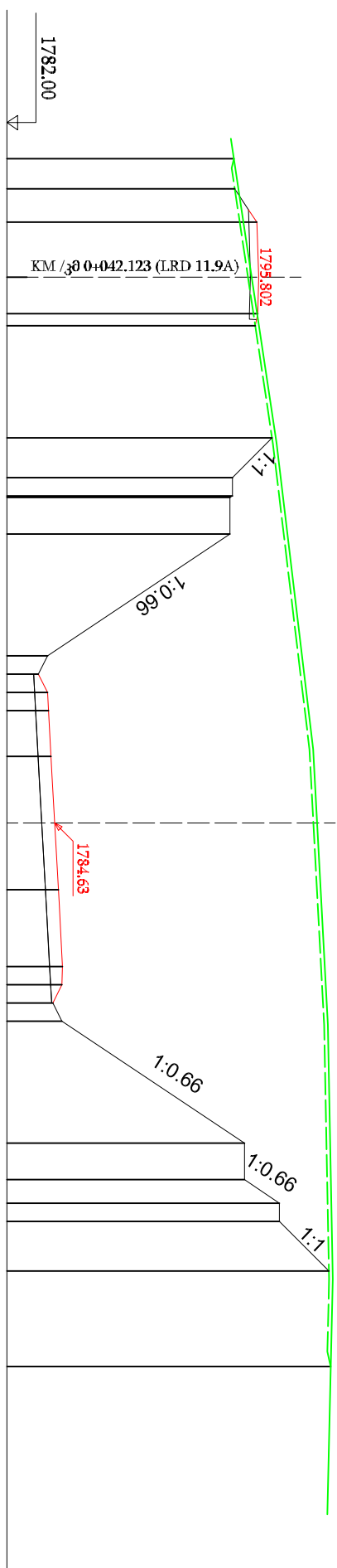
<p>The Employer</p> <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p> <p>UBM LLC (საინჟინრო დასაბუთების უზოპიერობა) UBM LLC (საინჟინრო დასაბუთების უზოპიერობა) შპს</p>		<p>The Contractor</p> <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
<p>TITLE: Roadbed</p>		<p>Number: LJSJ-11-17</p>		<p>DESIGNER INTERNAL APPROVAL</p>	
<p>DRAN BY: Peng Qi</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>	<p>CHECKED INTERNAL BY: Guo Panfeng</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>
<p>APPROVED INTERNAL BY: Yan Panfei</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>	<p>APPROVAL:</p>		



REMOVAL OF TOPSOIL
 Եսկայցոցնո ձոփոս ձոփոս S=12.8263²
 EXCAVATION
 Չլկսչոցոս S=421.8313²







Design date Ճեղքվոյ ձոնչոյթոյ	Elevation ձոնչոյթոյ	Distance ձոնչոյթոյ	Actual date Օրնոնոյն ձոնչոյթոյ	Elevation ձոնչոյթոյ	Distance ձոնչոյթոյ
	1793.55	0.00		1793.63	36.38
	1793.34	1.25			
	1793.637	1.97			
	1787.03	2.28			
	1793.66				
	1793.18				
	1793.65				
		21.75			
	1793.78				
	1791.32	19.28			
	1791.32	18.28			
	1790.64	17.83			
	1790.64	15.83			
	1780.64	9.15			
	1780.14	8.15			
	1780.64	7.15			
	1780.69	6.15			
	1780.83	3.65			
	1781.03	0.00		1794.63	0.00
	1781.24	3.65			
	1780.64	7.85			
	1781.42	8.85			
	1780.91	9.85			
	1781.42	10.85			
	1791.44	17.54			
	1791.44	19.54			
	1792.08	19.96			
	1792.08	20.96			
	1794.65	23.53			
	1794.85	29.03			

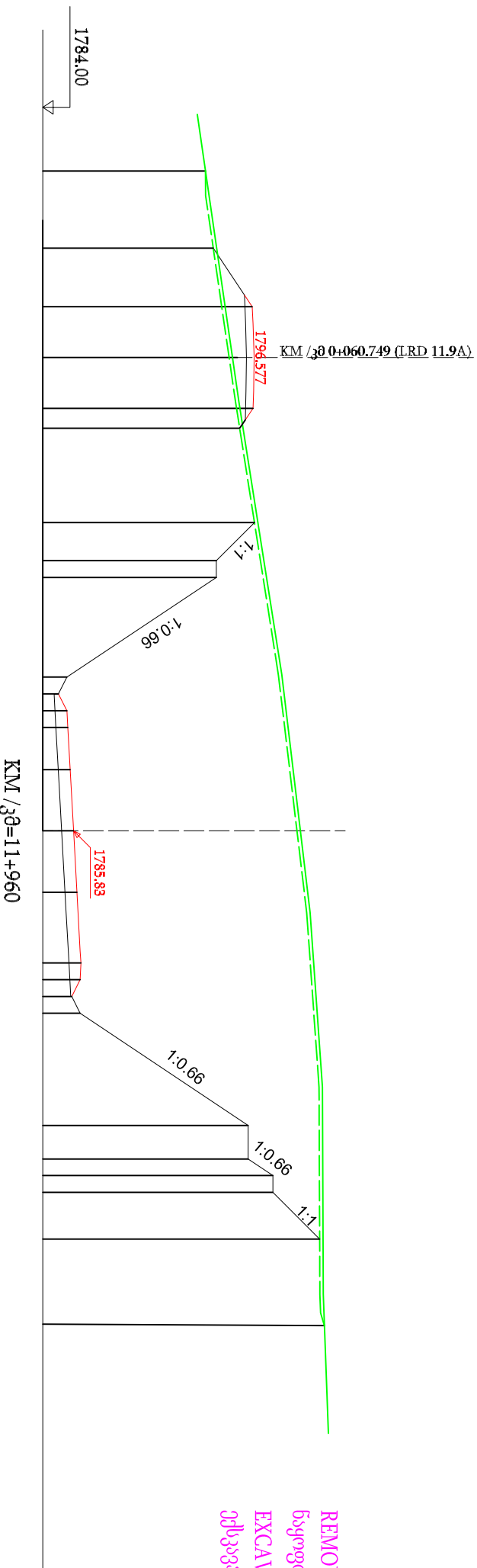
<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p>  <p>UBM UUSJ, ARKASTI BIKLESIMS MIŠAVIRLER MIŠAVIRLIK HIZMETLERI A.Ş.</p>		<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
<p>TITLE: Roadbed</p>		<p>Number: LJSJ-11-18</p>		<p>DESIGNER INTERNAL APPROVAL</p>	
<p>DESIGNER: Peng Qi</p>	<p>CHECKED INTERNAL BY: Guo Panfeng</p>	<p>APPROVED INTERNAL BY: Yan Panfeng</p>	<p>SIGNATURE: [Signature]</p>	<p>SIGNATURE: [Signature]</p>	<p>DATE: 2021.08.12</p>
<p>APPROVAL:</p>					















REMOVAL OF TOPSOIL
 Բացարձակ թմբի թմբմես S=13.161մ²
 EXCAVATION
 Չվեցցեցո S=446.016մ²

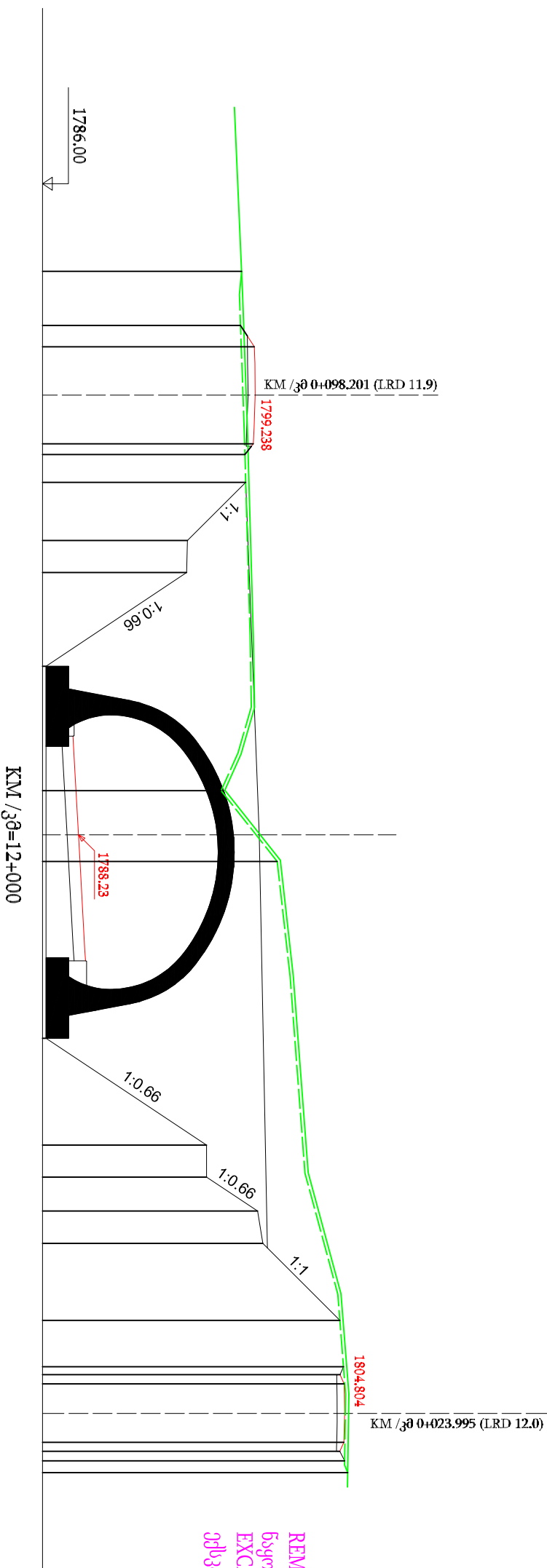
Design date Ճարված ամսաթիվ	Elevation m Սկզբնական մետր	Distance մետր	Actual date Կիրառված ամսաթիվ	Elevation m Սկզբնական մետր	Distance մետր
	1794.50	4.84		1794.45	36.38
	1795.71	3.02			
	1795.802	0.00			
	1795.76	2.00			
	1795.62	2.66			
	1796.54	21.10			
	1794.37	18.91			
	1794.37	17.91			
	1794.23	17.83			
	1794.23	15.83			
	1784.24	9.15			
	1783.73	8.15			
	1784.24	7.15			
	1784.29	6.15			
	1784.42	3.65			
	1784.63	0.00		1798.81	0.00
	1784.83	3.65			
	1785.05	7.85			
	1785.02	8.85			
	1784.52	9.85			
	1785.02	10.85			
	1795.03	17.54			
	1795.03	19.54			
	1796.95	20.83			
	1796.95	21.83			
	1799.66	24.54			
	1799.76	29.77			

<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p>  <p>UBM UUSJ, ARKASTI BILRESIMS MTSAVRILER MTSAVRILER HZMETLERI A. S.</p>		<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
<p>TITLE: Roadbed</p>		<p>Number: LJSJ-11-21</p>		<p>DESIGNER INTERNAL APPROVAL</p>	
<p>DESIGNER: Feng Qi</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>	<p>DESIGNER: Gao Panfeng</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>
<p>APPROVED INTERNAL BY: Yan Panfei</p>	<p>SIGNATURE: </p>	<p>DATE: 2021.08.12</p>	<p>APPROVAL:</p>		






Design date შემუშავების თარიღი	Elevation სიმაღლე, მ	Distance შეშორება, მ
	1794.16	8.51
	1796.48	3.02
	1796.577	0.00
	1796.53	3.03
	1795.73	4.22
	1796.61	18.36
	1794.34	16.09
	1794.34	15.09
	1785.44	9.15
	1784.93	8.15
	1785.44	7.15
	1785.49	6.15
	1785.63	3.65
	1785.83	0.00
	1786.03	3.65
	1786.27	7.85
	1786.22	8.85
	1785.73	9.85
	1786.22	10.85
	1796.24	17.55
	1796.24	19.55
	1797.71	20.53
	1797.71	21.53
	1800.50	24.31
Actual date შემუშავების თარიღი	1793.69	39.29
	1800.78	29.38

<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>	<p>The Engineer</p>  <p>UBM ULSI, ARKASTI BILISWIS, SAVILER M. SAVILER, H. ZEMETLARI A. S.</p>	<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</td> </tr> <tr> <td style="width: 50%;">TITLE:</td> <td style="text-align: center;">Roadbed</td> </tr> <tr> <td style="width: 50%;">Number:</td> <td style="text-align: center;">LJSJ-11-22</td> </tr> </table>	Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project		TITLE:	Roadbed	Number:	LJSJ-11-22		
Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project											
TITLE:	Roadbed										
Number:	LJSJ-11-22										
<p>DESIGNER INTERNAL APPROVAL</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DRAWN BY: Feng Qi</td> <td style="width: 50%;">SIGNATURE: </td> </tr> <tr> <td>CHECKED INTERNAL BY: Guo Panfeng</td> <td>SIGNATURE: </td> </tr> <tr> <td>APPROVED INTERNAL BY: Yan Panfei</td> <td>SIGNATURE: </td> </tr> <tr> <td>DATE: 2021.08.12</td> <td>DATE: 2021.08.12</td> </tr> </table>		DRAWN BY: Feng Qi	SIGNATURE: 	CHECKED INTERNAL BY: Guo Panfeng	SIGNATURE: 	APPROVED INTERNAL BY: Yan Panfei	SIGNATURE: 	DATE: 2021.08.12	DATE: 2021.08.12	<p>APPROVAL:</p>	
DRAWN BY: Feng Qi	SIGNATURE: 										
CHECKED INTERNAL BY: Guo Panfeng	SIGNATURE: 										
APPROVED INTERNAL BY: Yan Panfei	SIGNATURE: 										
DATE: 2021.08.12	DATE: 2021.08.12										



REMOVAL OF TOPSOIL
 Բացարցողորն ձեղքի ճածեն S=15.184թ²
 EXCAVATION
 Գլխեքցեցոս S=495.611թ²


Design date Ճարվածի թվական	Elevation Վերին ձևակերպ	Distance Անկյուն	Actual date Գլխեքցեցոս թվական	Elevation Վերին ձևակերպ	Distance Անկյուն
			35.15	1798.41	
		4.35		1798.34	
		3.02		1799.21	
		0.00		1799.238	
		3.03		1799.14	
		3.71		1798.61	
		21.99		1798.66	
		18.36		1795.04	
		16.36		1795.04	
		10.51		1786.22	
		2.75		1797.13	
		0.00		1799.31	
		1.67		1780.63	
		12.70		1786.22	
		19.36		1796.22	
		21.36		1796.22	
		23.48		1799.41	
		25.50		1799.73	
		30.30		1804.53	
		2.91		1804.76	
		2.42		1804.55	
		1.85		1804.80	
		0.00		1804.804	
		1.80		1804.78	
		2.36		1804.53	
		2.95		1804.83	
		39.80		1805.02	

<p>The Employer</p>  <p>Roads Department of the Ministry of Regional Development and Infrastructure of Georgia</p>		<p>The Engineer</p>  <p>UBM ULSI, ARKASTI BILISIMIS MTSAVRILER MTSAVRILER HIZMETLERI A. S.</p>		<p>The Contractor</p>  <p>China Railway 23rd Bureau Group Co., Ltd</p>	
<p>Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project</p>					
<p>TITLE: Roadbed</p>		<p>DESIGNER INTERNAL APPROVAL</p> <p>DESIGNER: Peng Qi CHECKED INTERNAL BY: Guo Panfeng APPROVED INTERNAL BY: Yan Panfeng</p>		<p>APPROVAL:</p> <p>DATE: 2021.08.12</p>	
<p>Number: LJSJ-11-24</p>		<p>SIGNATURE: [Signature]</p>		<p>DATE: 2021.08.12</p>	

QUANTITY OF REMOVAL OF TOPSOIL				
კმ ჰმ	Area at K M m ² განობილი ჰმ გ ²	Average area m ² საშუალო განობილი გ ²	Length m სიგრძე მ	Volume m ³ მოცულობა მ ³
11540	12.667	12.258	20.00	245.160
11560	11.849	11.936	20.00	238.710
11580	12.022	12.236	20.00	244.710
11600	12.449	12.647	20.00	252.940
11620	12.845	12.723	20.00	254.450
11640	12.600	12.629	20.00	252.570
11660	12.657	12.623	20.00	252.460
11680	12.569	12.647	20.00	252.940
11700	12.705	12.648	20.00	252.950
11720	12.590	12.251	20.00	245.020
11740	11.912	12.013	20.00	240.250
11760	12.113	12.099	20.00	241.970
11780	12.084	11.827	20.00	236.540
11800	11.570	11.570	20.00	231.390
11820	11.569	11.804	20.00	232.070
11840	11.638	11.974	20.00	239.470
11860	12.309	12.568	20.00	251.350
11880	12.826	11.878	20.00	237.560
11900	10.930	10.972	20.00	219.440
11920	11.014	12.088	20.00	241.750
11940	13.161	13.392	20.00	267.830
11960	13.622	13.696	20.00	273.920
11980	13.770	14.477	20.00	289.540
12000	15.184			
Total				5594.990


QUANTITY OF EXCAVATION				
კმ ჰმ	Area at K M m ² განობილი ჰმ გ ²	Average area m ² საშუალო განობილი გ ²	Length m სიგრძე მ	Volume m ³ მოცულობა მ ³
11540	704.116	657.868	20.00	13157.350
11560	611.619	587.555	20.00	11751.100
11580	563.491	562.073	20.00	11241.460
11600	560.655	592.817	20.00	11855.330
11620	624.978	621.176	20.00	12423.520
11640	617.374	615.610	20.00	12312.190
11660	613.845	601.827	20.00	12035.540
11680	589.809	576.212	20.00	11524.230
11700	562.614	545.779	20.00	10915.580
11720	528.944	512.087	20.00	10241.740
11740	495.230	477.262	20.00	9545.230
11760	459.293	447.513	20.00	8950.250
11780	435.732	427.286	20.00	8545.710
11800	418.839	411.827	20.00	8236.530
11820	404.814	406.547	20.00	8130.940
11840	408.280	415.322	20.00	8306.440
11860	422.364	422.098	20.00	8441.950
11880	421.831	429.097	20.00	8581.940
11900	436.363	442.997	20.00	8858.930
11920	449.630	447.823	20.00	8956.460
11940	446.016	428.551	20.00	8571.020
11960	411.086	396.062	20.00	7921.240
11980	381.038	438.325	20.00	8766.490
12000	495.611			
Total				229274.170

The Employer




Roads Department of the Ministry of Regional Development and Infrastructure of Georgia

The Engineer



UBM ULSJAKRABSI BILKUSIMS
MISAVIKRUK HIZMETLERI A.Ş.

The Contractor



China Railway 23rd Bureau Group Co., Ltd

Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project

Roadded

Number: LJSJ-11-25

DESIGNER INTERNAL APPROVAL			
DESIGNER: Peng Qi	SIGNATURE: [Signature]	DATE: 2021.08.12	
CHECKED INTERNAL BY: Guo Panfeng	SIGNATURE: [Signature]	DATE: 2021.08.12	
APPROVED INTERNAL BY: Yan Panfei	SIGNATURE: [Signature]	DATE: 2021.08.12	

APPROVAL:



CHINA RAILWAY 23RD BUREAU GROUP CO., LTD.

ADD: No.10, Section 2, Western Second Ring Road, Chengdu City, Sichuan Province, PRC.
TEL: +995 577 270829 EMAIL: crcc23.kkrp@gmail.com

Serial No.: KKRP-2021(224)

Date: 20/8/2021

To: Mr. Krishna Sharan Chakhun

Team Leader/the Engineer of UBM ULUSLARARASI BİRLEŞMİŞ MÜŞAVİRLER MÜŞAVİRLİK HİZMETLERİ A. Ş.

Copy to: Mr. Levan Kupatashvili

Deputy Chairman of Roads Department

Ministry of Regional Development and Infrastructure of Georgia (RDMRDI)

Project: Construction of Kvesheti-Kobi Road (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project (No. KKRP/CW/CP-02)

Subject: Submission of Typical Cross Sections for Earthworks in Section Km11+540-Km12+000

Dear Mr. Krishna Sharan Chakhun,

Within the scope of Construction of Kvesheti-Kobi (Road Section) under North-South Corridor (Kvesheti-Kobi) Road Project-KKRP/CWCP-02, the Contractor hereby submit the typical cross sections for earthworks in section Km11+540-Km12+000 to the Engineer for approval.

Sincerely,

Shen Miye

The Contractor's Acting Project Manager



Attachment:

1. Typical cross sections for earthworks in section Km11+540-Km12+000 (025 pages).

21.08.2021