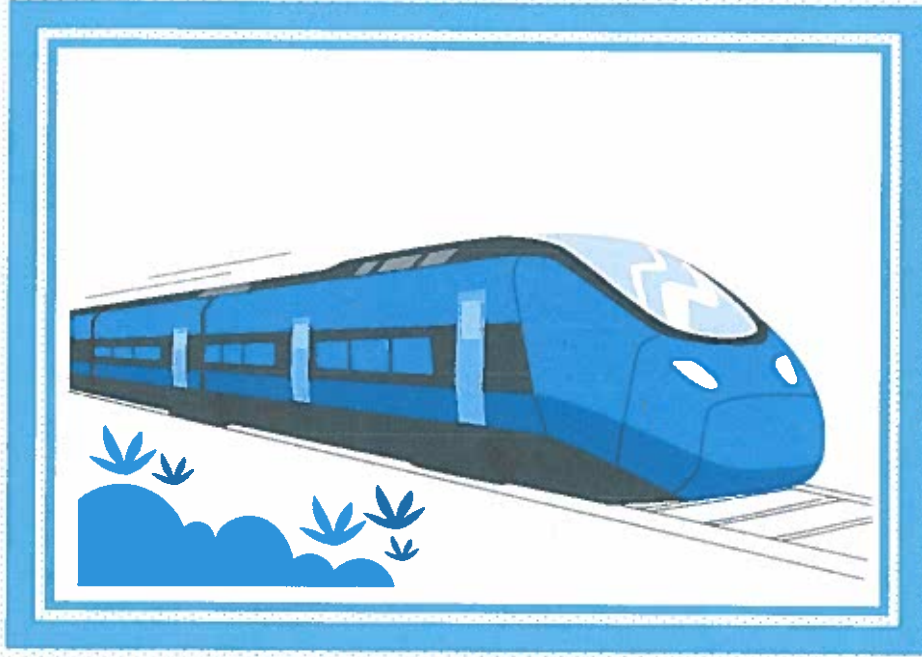




اختبارات تتبع الأرض الطبيعية

شركة الغازى للمقاولات العامة



project	Elelectric Express Train			Date of Sample	14/12/2023
Company	الغازى			Date of Report.	16/12/2023
Station	445+140	to	445+300	Level	-11 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)	Value(3)
Mass of total Wet Matrials	gm	87,643	95,369	90188
Moistur Content of total Matrials	%	3.32	3.25	3.30
Mass of total Dry Matrials	gm	84,824	92,369	87,310
Mass of Wet OverSize Fraction	gm	40,067	43,918	42071
Moistur Content of OverSize Fraction	%	1.18	1.16	1.19
Mass of Dry Oversize Fraction	gm	39,598	43,413	41575
Mass of Wet Control Fraction	gm	47,576	51,451	48117
Moistur Content of Control Fraction	%	5.2	5.1	5.21
Mass of Dry Control Fraction	gm	45,226	48,956	45735

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)	Value(3)
Mass of Calibrated Sand in pit and Tamplate	gm	75,620	80,734	76983
Mass of Calibrated Sand in Tamplate	gm	20,472	20,472	20,472
Mass of Calibrated Sand in pit	gm	55,148	60,262	56,511
Density of Calibrated Sand	gm/Cm3	1.49	1.49	1.49
Volume of the Pit	Cm3	37,012	40,444	37927
Specific Gravity of Oversize Fraction	gm/Cm3	2.443	2.443	2.443
Volume of Oversize Fraction	Cm3	16,401	17,977	17,221
Volume of Control Fraction	Cm3	20,611	22,467	20,706

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.194	2.179	2.209
Modified Proctor	gm/Cm3	2.25	2.25	2.25
Compaction	%	97.52%	96.84%	98.2%
Pass/Fail	95%(min.)	Pass	Pass	Pass

contractor

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project	Elelectric Express Train			Date of Sample	13/12/2023
Company	الغازى			Date of Report.	14/12/2023
Station	445+300	to	445+460	Level	-11 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)	Value(3)
Mass of total Wet Matrials	gm	102,764	93,158	114036
Moistur Content of total Matrials	%	3.29	3.28	3.35
Mass of total Dry Matrials	gm	99,486	90,202	110,341
Mass of Wet OverSize Fraction	gm	46,383	41,037	49861
Moistur Content of OverSize Fraction	%	1.12	1.18	1.14
Mass of Dry Oversize Fraction	gm	45,868	40,557	49298
Mass of Wet Control Fraction	gm	56,381	52,121	64175
Moistur Content of Control Fraction	%	5.15	4.99	5.13
Mass of Dry Control Fraction	gm	53,618	49,645	61043

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)	Value(3)
Mass of Calibrated Sand in pit and Tamplate	gm	84,679	79,560	92347
Mass of Calibrated Sand in Tamplate	gm	20,472	20,472	20,472
Mass of Calibrated Sand in pit	gm	64,207	59,088	71,875
Density of Calibrated Sand	gm/Cm3	1.49	1.49	1.49
Volume of the Pit	Cm3	43,092	39,656	48238
Specific Gravity of Oversize Fraction	gm/Cm3	2.443	2.443	2.443
Volume of Oversize Fraction	Cm3	18,986	16,798	20,410
Volume of Control Fraction	Cm3	24,106	22,858	27,828

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.224	2.172	2.194
Modified Proctor	gm/Cm3	2.27	2.27	2.27
Compaction	%	97.99%	95.68%	96.6%
Pass/Fail	95%(min.)	Pass	Pass	Pass

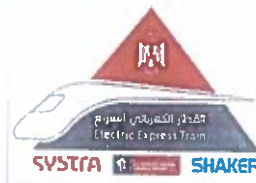


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غازى



الغازي للمقاولات العمومية



project	Electric Express Train	Date of Sample	29/11/2023
Company	الغازي	Date of Report.	30/11/2023
Station	445+080 to 445+140	Level	-12.5 M

Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16

1- Mass of Materials

Item	Unit	Value
Mass of total Wet Materials	gm	104,251
Moistur Content of total Materials	%	3.23
Mass of total Dry Materials	gm	100985
Mass of Wet OverSize Fraction	gm	46,917
Moistur Content of OverSize Fraction	%	1.13
Mass of Dry OverSize Fraction	gm	46,392
Mass of Wet Control Fraction	gm	57,334
Moistur Content of Control Fraction	%	5.02
Mass of Dry Control Fraction	gm	54,593

2- Volume of the Pit

Item	Unit	Value
Mass of Calibrated Sand in pit and Tamplate	gm	85,693
Mass of Calibrated Sand in Tamplate	gm	20,522
Mass of Calibrated Sand in pit	gm	65,171
Density of Calibrated Sand	gm/Cm3	1.49
Volume of the Pit	Cm3	43,739
Specific Gravity of Oversize Fraction	gm/Cm3	2.443
Volume of Oversize Fraction	Cm3	19,205
Volume of Control Fraction	Cm3	24,534

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.225
Modified Proctor	gm/Cm3	2.26
Compaction	%	98.5%
Pass/Fail	95%(min.)	Pass

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project	Elelectric Express Train			Date of Sample	23/11/2023
Company	الغازي			Date of Report.	25/11/2023
Station	445+140	to	445+300	Level	-11.5 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)	Value(3)
Mass of total Wet Matrials	gm	118,643	110,316	95061
Moistur Content of total Matrials	%	3.29	3.3	3.42
Mass of total Dry Matrials	gm	114,859	106,796	91,917
Mass of Wet OverSize Fraction	gm	53,714	49,931	41675
Moistur Content of OverSize Fraction	%	1.13	1.17	1.18
Mass of Dry Oversize Fraction	gm	53,112	49,352	41187
Mass of Wet Control Fraction	gm	64,929	60,385	53386
Moistur Content of Control Fraction	%	5.15	5.12	5.24
Mass of Dry Control Fraction	gm	61,747	57,444	50730

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)	Value(3)
Mass of Calibrated Sand in pit and Tamplate	gm	95,356	89,829	79967
Mass of Calibrated Sand in Tamplate	gm	20,538	20,538	20,538
Mass of Calibrated Sand in pit	gm	74,818	69,291	59,429
Density of Calibrated Sand	gm/Cm3	1.49	1.49	1.49
Volume of the Pit	Cm3	50,213	46,504	39885
Specific Gravity of Oversize Fraction	gm/Cm3	2.439	2.439	2.439
Volume of Oversize Fraction	Cm3	22,023	20,472	17,087
Volume of Control Fraction	Cm3	28,190	26,032	22,798

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.190	2.207	2.225
Modified Proctor	gm/Cm3	2.27	2.27	2.27
Compaction	%	96.49%	97.21%	98.0%
Pass/Fail	95%(min.)	Pass	Pass	Pass

Contractor

El Sayed

Consultant


الهيئة القومية للإنفاق



EL-RAEID
EL-RAEID ENGINEERING CONSULTANTS
الرائد للاستشارات الهندسية

GH
الغازي للمقاولات العمومية



project	Eleelectric Express Train			Date of Sample	23/11/2023
Company	الغازي			Date of Report.	25/11/2023
Station	445+300	to	445+460	Level	-11.5 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)	Value(3)
Mass of total Wet Matrials	gm	97,601	104,239	88912
Moistur Content of total Matrials	%	3.37	3.28	3.35
Mass of total Dry Matrials	gm	94,419	100,930	86,030
Mass of Wet OverSize Fraction	gm	44,163	46,971	37614
Moistur Content of OverSize Fraction	%	1.21	1.19	1.16
Mass of Dry Oversize Fraction	gm	43,637	46,417	37181
Mass of Wet Control Fraction	gm	53,438	57,268	51298
Moistur Content of Control Fraction	%	5.23	5.05	5.13
Mass of Dry Control Fraction	gm	50,782	54,513	48849

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)	Value(3)
Mass of Calibrated Sand in pit and Tamplate	gm	82,168	86,952	77629
Mass of Calibrated Sand in Tamplate	gm	20,538	20,538	20,538
Mass of Calibrated Sand in pit	gm	61,630	66,414	57,091
Density of Calibrated Sand	gm/Cm3	1.49	1.49	1.49
Volume of the Pit	Cm3	41,362	44,573	38316
Specific Gravity of Oversize Fraction	gm/Cm3	2.439	2.439	2.439
Volume of Oversize Fraction	Cm3	18,107	19,258	15,422
Volume of Control Fraction	Cm3	23,255	25,315	22,894

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.184	2.153	2.131
Modified Proctor	gm/Cm3	2.23	2.23	2.23
Compaction	%	97.92%	96.57%	95.6%
Pass/Fail	95%(min.)	Pass	Pass	Pass

contractor

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project	Eleelectric Express Train			Date of Sample	12/11/2023
Company	الغازى			Date of Report.	13/11/2023
Station	445+140	to	445+260	Level	-12 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)
Mass of total Wet Matrials	gm	109,418	98,672
Moistur Content of total Matrials	%	3.25	3.35
Mass of total Dry Matrials	gm	105,978	95,470
Mass of Wet OverSize Fraction	gm	49,163	41,385
Moistur Content of OverSize Fraction	%	1.15	1.20
Mass of Dry Oversize Fraction	gm	48,603	40,893
Mass of Wet Control Fraction	gm	60,255	57,287
Moistur Content of Control Fraction	%	5.02	4.97
Mass of Dry Control Fraction	gm	57,375	54,577

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)
Mass of Calibrated Sand in pit and Tamplate	gm	89,061	83,132
Mass of Calibrated Sand in Tamplate	gm	20,617	20,617
Mass of Calibrated Sand in pit	gm	68,444	62,515
Density of Calibrated Sand	gm/Cm3	1.49	1.49
Volume of the Pit	Cm3	45,936	41,956
Specific Gravity of Oversize Fraction	gm/Cm3	2.427	2.427
Volume of Oversize Fraction	Cm3	20,257	17,052
Volume of Control Fraction	Cm3	25,679	24,904

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.234	2.191
Modified Proctor	gm/Cm3	2.27	2.27
Compaction	%	98.43%	96.54%
Pass/Fail	95%(min.)	Pass	Pass

contractor

Consultant

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Handwritten signature and stamp of the consultant, El-Raeid Engineering Consultants.



project	Elelectric Express Train			Date of Sample	12/11/2023
Company	الغازي			Date of Report.	13/11/2023
Station	445+260	to	445+400	Level	-12 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)
Mass of total Wet Matrials	gm	103,297	117,346
Moistur Content of total Matrials	%	3.31	3.39
Mass of total Dry Matrials	gm	99,985	113,501
Mass of Wet OverSize Fraction	gm	46,748	50,379
Moistur Content of OverSize Fraction	%	1.19	1.23
Mass of Dry OverSize Fraction	gm	46,196	49,769
Mass of Wet Control Fraction	gm	56,549	66,967
Moistur Content of Control Fraction	%	5.13	5.1
Mass of Dry Control Fraction	gm	53,789	63,732

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)
Mass of Calibrated Sand in pit and Tamplate	gm	85,643	93,987
Mass of Calibrated Sand in Tamplate	gm	20,617	20,617
Mass of Calibrated Sand in pit	gm	65,026	73,370
Density of Calibrated Sand	gm/Cm3	1.49	1.49
Volume of the Pit	Cm3	43,642	49,242
Specific Gravity of Oversize Fraction	gm/Cm3	2.427	2.427
Volume of Oversize Fraction	Cm3	19,262	20,758
Volume of Control Fraction	Cm3	24,380	28,484

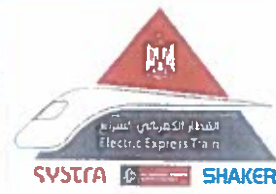
3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.206	2.237
Modified Proctor	gm/Cm3	2.27	2.27
Compaction	%	97.19%	98.54%
Pass/Fail	95%(min.)	Pass	Pass

contractor

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project	Elelectric Express Train	Date of Sample	12/11/2023
Company	الغازى	Date of Report.	13/11/2023
Station	445+460 to 445+460	Level	-12 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value
Mass of total Wet Matrials	gm	91,634
Moistur Content of total Matrials	%	3.19
Mass of total Dry Matrials	gm	88804
Mass of Wet OverSize Fraction	gm	42,918
Moistur Content of OverSize Fraction	%	1.29
Mass of Dry OverSize Fraction	gm	42,373
Mass of Wet Control Fraction	gm	48,716
Moistur Content of Control Fraction	%	4.92
Mass of Dry Control Fraction	gm	46,431

2- Volume of the Pit

Item	Unit	Value
Mass of Calibrated Sand in pit and Tamplate	gm	78,958
Mass of Calibrated Sand in Tamplate	gm	20,617
Mass of Calibrated Sand in pit	gm	58,341
Density of Calibrated Sand	gm/Cm3	1.49
Volume of the Pit	Cm3	39,155
Specific Gravity of Oversize Fraction	gm/Cm3	2.427
Volume of Oversize Fraction	Cm3	17,684
Volume of Control Fraction	Cm3	21,471

3-Relative Density Calculation

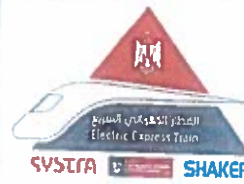
Density of Control Fraction	gm/Cm3	2.162
Modified Proctor	gm/Cm3	2.25
Compaction	%	96.1%
Pass/Fail	95%(min.)	Pass

Contractor

Consultant

Tarek El Sayed

فانوس



project	Eleelectric Express Train			Date of Sample	24/10/2023
Company	الغازى			Date of Report.	25/10/2023
Station	445+140	(t)	445+240	Level	-12.5 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)
Mass of total Wet Matrials	gm	106,311	99,158
Moistur Content of total Matrials	%	3.1	3.16
Mass of total Dry Matrials	gm	103,110	96,118
Mass of Wet OverSize Fraction	gm	51,347	48,691
Moistur Content of OverSize Fraction	%	1.34	1.32
Mass of Dry Oversize Fraction	gm	50,669	48,058
Mass of Wet Control Fraction	gm	54,964	50,467
Moistur Content of Control Fraction	%	4.81	5
Mass of Dry Control Fraction	gm	52,441	48,060

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)
Mass of Calibrated Sand in pit and Tamplate	gm	86,951	82,467
Mass of Calibrated Sand in Tamplate	gm	20,468	20,468
Mass of Calibrated Sand in pit	gm	66,483	61,999
Density of Calibrated Sand	gm/Cm3	1.49	1.49
Volume of the Pit	Cm3	44,619	41,610
Specific Gravity of Oversize Fraction	gm/Cm3	2.436	2.436
Volume of Oversize Fraction	Cm3	21,078	19,988
Volume of Control Fraction	Cm3	23,541	21,622

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.228	2.223
Modified Proctor	gm/Cm3	2.27	2.27
Compaction	%	98.1%	97.93%
Pass/Fail	95%(min.)	Pass	Pass

contractor

Consultant

Tarek El-Sayed

El-Sayed



project	Eleelectric Express Train			Date of Sample	24/10/2023
Company	الغازى			Date of Report.	25/10/2023
Station	445+240	(L)	445+340	Level	-12.5 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)
Mass of total Wet Matrials	gm	94,876	112,461
Moistur Content of total Matrials	%	3.2	3.2
Mass of total Dry Matrials	gm	91,951	108,974
Mass of Wet OverSize Fraction	gm	43,947	52,826
Moistur Content of OverSize Fraction	%	1.23	1.27
Mass of Dry Oversize Fraction	gm	43,411	52,166
Mass of Wet Control Fraction	gm	50,929	59,635
Moistur Content of Control Fraction	%	4.92	4.98
Mass of Dry Control Fraction	gm	48,540	56,808

2- Volume of the Pit

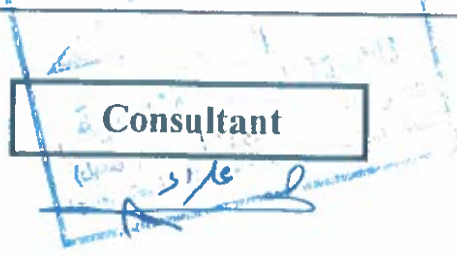
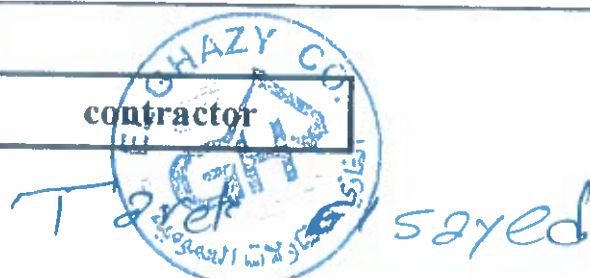
Item	Unit	Value(1)	Value(2)
Mass of Calibrated Sand in pit and Tamplate	gm	80,179	90,783
Mass of Calibrated Sand in Tamplate	gm	20,468	20,468
Mass of Calibrated Sand in pit	gm	59,711	70,315
Density of Calibrated Sand	gm/Cm3	1.49	1.49
Volume of the Pit	Cm3	40,074	47,191
Specific Gravity of Oversize Fraction	gm/Cm3	2.436	2.436
Volume of Oversize Fraction	Cm3	18,041	21,686
Volume of Control Fraction	Cm3	22,033	25,505

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.203	2.227
Modified Proctor	gm/Cm3	2.27	2.27
Compaction	%	97.1%	98.12%
Pass/Fail	95%(min.)	Pass	Pass

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project	Eleelectric Express Train	Date of Sample	24/10/2023
Company	الغازى	Date of Report.	25/10/2023
Station	445+340 to 445+460	Level	-12.5 M

Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16

1- Mass of Materials

Item	Unit	Value (1)	Value (2)
Mass of total Wet Matrials	gm	88,736	100,239
Moistur Content of total Matrials	%	3.22	3.35
Mass of total Dry Matrials	gm	85961	96,990
Mass of Wet OverSize Fraction	gm	42,157	46371
Moistur Content of OverSize Fraction	%	1.29	1.21
Mass of Dry Oversize Fraction	gm	41,622	45,815
Mass of Wet Control Fraction	gm	46,579	53,868
Moistur Content of Control Fraction	%	5.1	5.26
Mass of Dry Control Fraction	gm	44,339	51,175

2- Volume of the Pit

Item	Unit	Value (1)	Value (2)
Mass of Calibrated Sand in pit and Tamplate	gm	76,313	83,287
Mass of Calibrated Sand in Tamplate	gm	20,468	20,468
Mass of Calibrated Sand in pit	gm	55,845	62,819
Density of Calibrated Sand	gm/Cm3	1.49	1.49
Volume of the Pit	Cm3	37,480	42,160
Specific Gravity of Oversize Fraction	gm/Cm3	2.436	2.436
Volume of Oversize Fraction	Cm3	17,306	19,036
Volume of Control Fraction	Cm3	20,174	23,124

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.197	2.21
Modified Proctor	gm/Cm3	2.27	2.27
Compaction	%	96.8%	97.5
Pass/Fail	95%(min.)	Pass	Pass

contractor

Consultant

Sayed



project	Eleelectric Express Train			Date of Sample	1/10/2023
Company	الغازي			Date of Report.	2/10/2023
Station	445+480	to	445+620	Level	-10.5 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)	Value (3)
Mass of total Wet Matrials	gm	99,736	95,483	106591
Moistur Content of total Matrials	%	3.87	3.89	3.8
Mass of total Dry Matrials	gm	96,016	91,905	102,685
Mass of Wet OverSize Fraction	gm	45,194	43,926	47261
Moistur Content of OverSize Fraction	%	2.32	2.43	2
Mass of Dry Oversize Fraction	gm	44,168	42,885	46321
Mass of Wet Control Fraction	gm	54,542	51,557	59330
Moistur Content of Control Fraction	%	5.195	5.18	5.26
Mass of Dry Control Fraction	gm	51,848	49,020	56364

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)	Value(2)
Mass of Calibrated Sand in pit and Tamplate	gm	82,740	80,774	87328
Mass of Calibrated Sand in Tamplate	gm	20,389	20,389	20,389
Mass of Calibrated Sand in pit	gm	62,351	60,385	66,939
Density of Calibrated Sand	gm/Cm3	1.49	1.49	1.49
Volume of the Pit	Cm3	41,846	40,527	44926
Specific Gravity of Oversize Fraction	gm/Cm3	2.431	2.431	2.431
Volume of Oversize Fraction	Cm3	18,591	18,069	19,441
Volume of Control Fraction	Cm3	23,255	22,458	25,485

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.230	2.183	2.21
Modified Proctor	gm/Cm3	2.278	2.273	2.273
Compaction	%	98.1%	96.03%	97.3%
Pass/Fail	95%(min.)	Pass	Pass	Pass

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project	Electric Express Train	Date of Sample	26/8/2023
Company	الغازى	Date of Report.	27/8/2023
Station	445+620 to 445+680	Level	-10.5 M

Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16

1- Mass of Materials

Item	Unit	Value
Mass of total Wet Matrials	gm	89,352
Moistur Content of total Matrials	%	4.9
Mass of total Dry Matrials	gm	85172
Mass of Wet OverSize Fraction	gm	42,178
Moistur Content of OverSize Fraction	%	3.2
Mass of Dry Oversize Fraction	gm	40,828
Mass of Wet Control Fraction	gm	47,174
Moistur Content of Control Fraction	%	6
Mass of Dry Control Fraction	gm	44,344

2- Volume of the Pit

Item	Unit	Value
Mass of Calibrated Sand in pit and Tamplate	gm	76,534
Mass of Calibrated Sand in Tamplate	gm	20,474
Mass of Calibrated Sand in pit	gm	56,060
Density of Calibrated Sand	gm/Cm3	1.49
Volume of the Pit	Cm3	37,624
Specific Gravity of Oversize Fraction	gm/Cm3	2.483
Volume of Oversize Fraction	Cm3	16,987
Volume of Control Fraction	Cm3	20,637

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.179
Modified Proctor	gm/Cm3	2.250
Compaction	%	96.8%
Pass/Fail	95%(min.)	Pass

contractor

Tarek Elsayed
27/8/2023

Consultant

الهيئة العامة للإعطاء



الغازي للمقاولات العمومية



project	Eleelectric Express Train			Date of Sample	23/9/2023
Company	الغازي			Date of Report.	24/9/2023
Station	445+460	to	445+560	Level	-11 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)
Mass of total Wet Matrials	gm	94,768	97,415
Moistur Content of total Matrials	%	4.3	4.1
Mass of total Dry Matrials	gm	90,863	93,577
Mass of Wet OverSize Fraction	gm	43,372	46,537
Moistur Content of OverSize Fraction	%	2.81	2.74
Mass of Dry Oversize Fraction	gm	42,188	45,294
Mass of Wet Control Fraction	gm	51,396	50,878
Moistur Content of Control Fraction	%	5.59	5.37
Mass of Dry Control Fraction	gm	48,675	48,283

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)
Mass of Calibrated Sand in pit and Tamplate	gm	80,126	81,728
Mass of Calibrated Sand in Tamplate	gm	20,491	20,491
Mass of Calibrated Sand in pit	gm	59,635	61,237
Density of Calibrated Sand	gm/Cm3	1.49	1.49
Volume of the Pit	Cm3	40,023	41,099
Specific Gravity of Oversize Fraction	gm/Cm3	2.419	2.415
Volume of Oversize Fraction	Cm3	17,930	19,270
Volume of Control Fraction	Cm3	22,093	21,829

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.203	2.212
Modified Proctor	gm/Cm3	2.273	2.278
Compaction	%	96.9%	97.32%
Pass/Fail	95%(min.)	Pass	Pass

contractor

Consultant

Tarek El sayed



project	Elelectric Express Train	Date of Sample	23/9/2023
Company	الغازى	Date of Report.	24/9/2023
Station	445+560 to 445+620	Level	-11 M

Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16

1- Mass of Materials

Item	Unit	Value
Mass of total Wet Matrials	gm	101,846
Moistur Content of total Matrials	%	3.18
Mass of total Dry Matrials	gm	98709
Mass of Wet OverSize Fraction	gm	47,318
Moistur Content of OverSize Fraction	%	1.2
Mass of Dry Oversize Fraction	gm	46,755
Mass of Wet Control Fraction	gm	54,528
Moistur Content of Control Fraction	%	4.95
Mass of Dry Control Fraction	gm	51,954

2- Volume of the Pit

Item	Unit	Value
Mass of Calibrated Sand in pit and Tamplate	gm	85,063
Mass of Calibrated Sand in Tamplate	gm	20,491
Mass of Calibrated Sand in pit	gm	64,572
Density of Calibrated Sand	gm/Cm3	1.49
Volume of the Pit	Cm3	43,337
Specific Gravity of Oversize Fraction	gm/Cm3	2.415
Volume of Oversize Fraction	Cm3	19,593
Volume of Control Fraction	Cm3	23,744

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.188
Modified Proctor	gm/Cm3	2.27
Compaction	%	96.3%
Pass/Fail	95%(min.)	Pass

Contractor

Tarek El sayed

Consultant

فادي عيسى



project	Eleelectric Express Train		Date of Sample	26/7/2023
Company	الغازى		Date of Report.	27/7/2023
Station	445+460	to	445+600	Level -11.5 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)
Mass of total Wet Matrials	gm	93,636	89,057
Moistur Content of total Matrials	%	3.18	3.23
Mass of total Dry Matrials	gm	90,750	86,247
Mass of Wet OverSize Fraction	gm	45,269	42,811
Moistur Content of OverSize Fraction	%	1.32	1.41
Mass of Dry OverSize Fraction	gm	44,681	42,216
Mass of Wet Control Fraction	gm	48,367	46,246
Moistur Content of Control Fraction	%	4.99	5.03
Mass of Dry Control Fraction	gm	46,070	44,031

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)
Mass of Calibrated Sand in pit and Tamplate	gm	79,215	75,849
Mass of Calibrated Sand in Tamplate	gm	20,401	20,401
Mass of Calibrated Sand in pit	gm	58,814	55,448
Density of Calibrated Sand	gm/Cm3	1.49	1.49
Volume of the Pit	Cm3	39,472	37,213
Specific Gravity of Oversize Fraction	gm/Cm3	2.438	2.438
Volume of Oversize Fraction	Cm3	18,568	17,560
Volume of Control Fraction	Cm3	20,904	19,653

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.204	2.240
Modified Proctor	gm/Cm3	2.27	2.27
Compaction	%	97.1%	98.70%
Pass/Fail	95%(min.)	Pass	Pass

contractor

Tarek El sayed

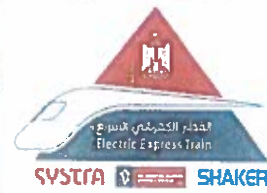
Consultant

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الهيئة القومية للإنفاق



الغازي للمقاولات العمومية



project	Eleelectric Express Train			Date of Sample	18/7/2023
Company	الغازي			Date of Report.	19/7/2023
Station	445+460	to	445+580	Level	-12 M

**Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16**

1- Mass of Materials

Item	Unit	Value (1)	Value (2)
Mass of total Wet Matrials	gm	81,419	93,865
Moistur Content of total Matrials	%	3.46	3.47
Mass of total Dry Matrials	gm	78,696	90,736
Mass of Wet OverSize Fraction	gm	36,780	41,624
Moistur Content of OverSize Fraction	%	1.73	1.55
Mass of Dry Oversize Fraction	gm	36,155	40,987
Mass of Wet Control Fraction	gm	44,639	52,241
Moistur Content of Control Fraction	%	4.93	5
Mass of Dry Control Fraction	gm	42,541	49,749

2- Volume of the Pit

Item	Unit	Value(1)	Value(2)
Mass of Calibrated Sand in pit and Tamplate	gm	71,692	79,467
Mass of Calibrated Sand in Tamplate	gm	20,423	20,423
Mass of Calibrated Sand in pit	gm	51,269	59,044
Density of Calibrated Sand	gm/Cm3	1.49	1.49
Volume of the Pit	Cm3	34,409	39,627
Specific Gravity of Oversize Fraction	gm/Cm3	2.443	2.443
Volume of Oversize Fraction	Cm3	15,055	17,038
Volume of Control Fraction	Cm3	19,354	22,589

3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.198	2.203
Modified Proctor	gm/Cm3	2.27	2.27
Compaction	%	96.8%	97.03%
Pass/Fail	95%(min.)	Pass	Pass

contractor

Tarek El sand

Consultant

Handwritten signature of the consultant



project	Eleelectric Express Train	Date of Sample	12/7/2023
Company	الغازى	Date of Report.	13/7/2023
Station	445+500 to 445+560	Level	-12.5 M

Field Density Test By Sand Replacement Test According to
ASTM D-4914 M -16

1- Mass of Materials

Item	Unit	Value
Mass of total Wet Matrials	gm	61,853
Moistur Content of total Matrials	%	4.76
Mass of Wet OverSize Fraction	gm	29,043
Moistur Content of OverSize Fraction	%	3.8
Mass of Dry OverSize Fraction	gm	27,939
Mass of Wet Control Fraction	gm	32,810
Moistur Content of Control Fraction	%	5.2
Mass of Dry Control Fraction	gm	31,103

2- Volume of the Pit

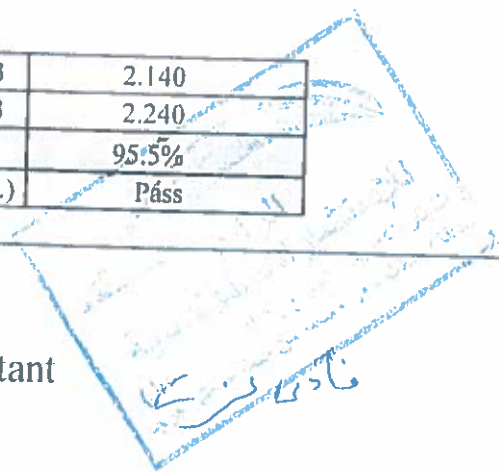
Item	Unit	Value
Mass of Calibrated Sand in pit and Tamplate	gm	53,818
Mass of Calibrated Sand in Tamplate	gm	14,977
Mass of Calibrated Sand in pit	gm	38,841
Density of Calibrated Sand	gm/Cm3	1.49
Volume of the Pit	Cm3	26,068
Specific Gravity of Oversize Fraction	gm/Cm3	2.540
Volume of Oversize Fraction	Cm3	11,434
Volume of Control Fraction	Cm3	14,634

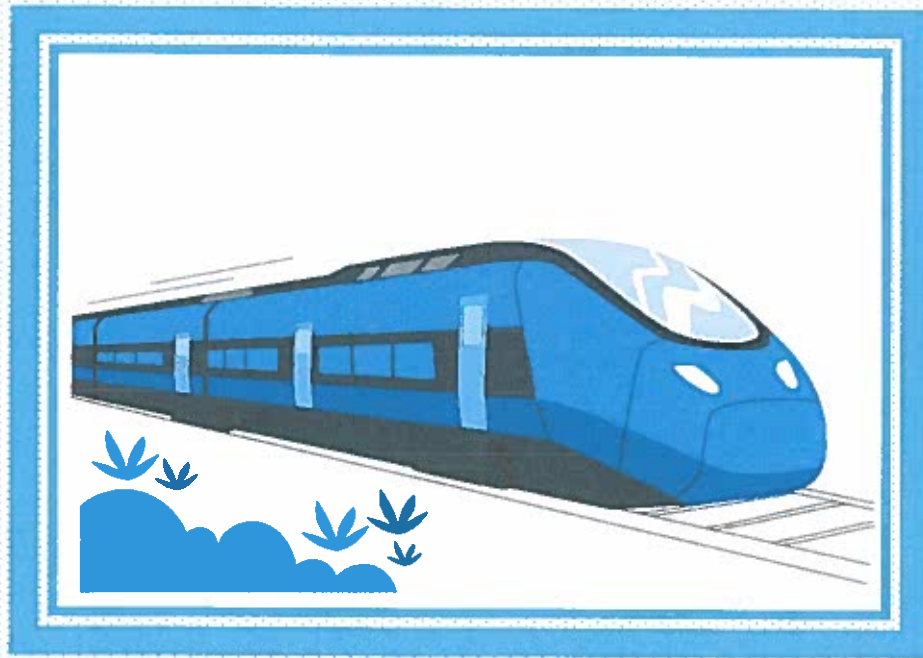
3-Relative Density Calculation

Density of Control Fraction	gm/Cm3	2.140
Modified Proctor	gm/Cm3	2.240
Compaction	%	95.5%
Pass/Fail	95%(min.)	Pass

contractor **Tarek Elsayed**

Consultant





اعتماد الهيئة لطلبات الاستلام

شركة الغازى للمقاولات العامة



التاريخ:- ٢٠٢٤/٠١/٠٣

اسم المشروع:- مشروع القطار الكهربائي السريع قطاع (6 أكتوبر - أبو سمبل).

الموضوع:- اعتماد الهيئة العامة للطرق والكباري لطلبات استلام الأعمال الخاصة بالمشروع.

الشركة المنفذة:- شركة الغازي للمقاولات العامة في المسافة من ٧٧٠+٤٤٤ الى ٨٠٠+٤٤٥.

عقد رقم:- ٢٠٢٤/٢٠٢٣/٥٥٤

تم الاطلاع على طلبات الفحص الخاصة بالمشروع المذكور عالية والمرفقة

بمستخلص جاري رقم (١) لعدد طلب فحص واعتمادها تنقسم الى :

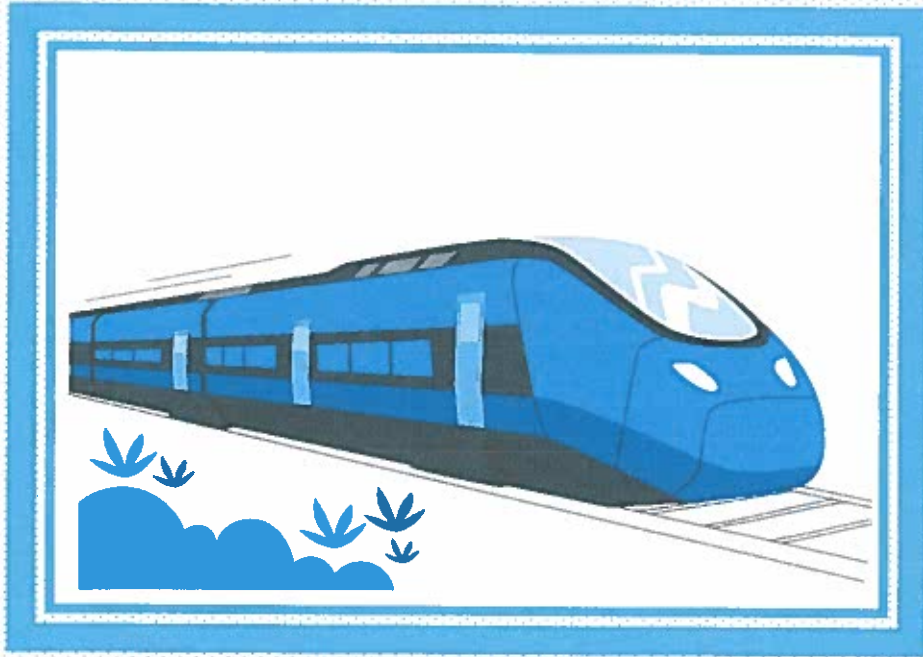
• عدد (١٥) طلب استلام أعمال ردم

٩٤

يعتمد " " " " " "

مهندس الهيئة العامة للطرق والكباري

٩٤



البرنامج الزمني

شركة الغاز للمقاولات العامة

بھارتی

أبراهيم
ابن يوسف بن محمد بن علي بن أحمد بن الحسين بن علي بن أبي طالب

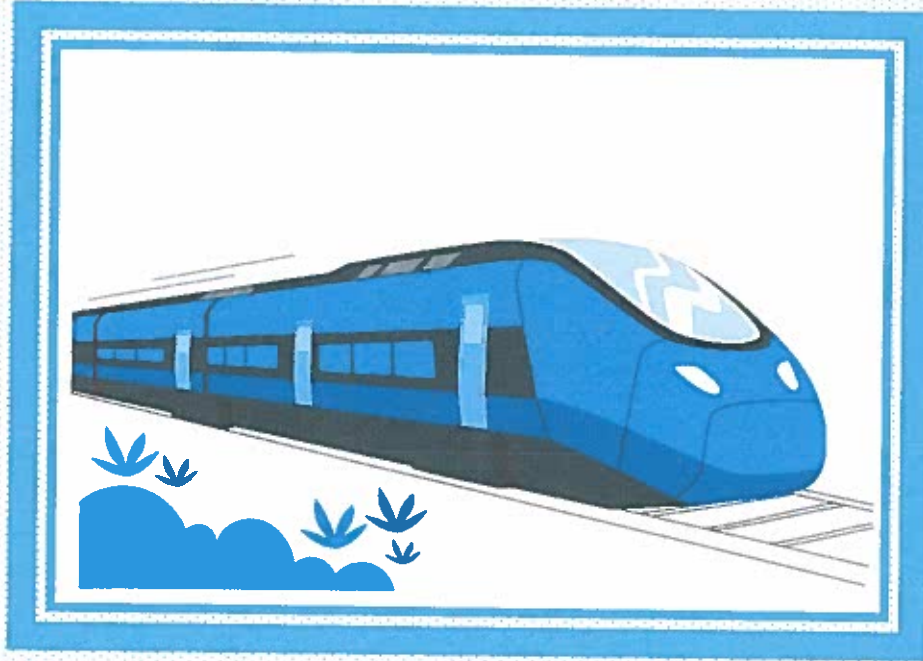
پروپوزیشن

تاريخ نشر الاعمال ٢٠٢١ / ٠٧ / ٢٢

مركز تقييد الصليبي في سوريا

١٠١١ / ١١ / ١١

[illegible]



الرفع المساحي المعتمد

شركة الغازى للمقاولات العامة

الرفع المساحي مستخلص جاري (١)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1	346731.144	2925103.674	332.2978	335	347156.2676	2924740.087	334.7428
2	346735.3206	2925100.925	332.2928	336	347160.4442	2924737.339	334.7378
3	346739.4973	2925098.176	332.2878	337	347164.6208	2924734.59	334.7328
4	346743.6739	2925095.427	332.2828	338	347168.7975	2924731.841	334.7278
5	346747.8505	2925092.678	332.2778	339	347172.9741	2924729.092	334.7228
6	346752.0272	2925089.93	332.2728	340	347177.1507	2924726.343	334.7178
7	346756.2038	2925087.181	332.2678	341	347181.3274	2924723.595	334.7128
8	346760.3804	2925084.432	332.2628	342	347185.504	2924720.846	334.7078
9	346764.5571	2925081.683	332.2578	343	347189.6806	2924718.097	334.7028
10	346768.7337	2925078.935	332.2528	344	347193.8573	2924715.348	334.6978
11	346772.9103	2925076.186	332.2478	345	347198.0339	2924712.6	334.6928
12	346777.087	2925073.437	332.2428	346	347202.2105	2924709.851	334.6878
13	346781.2636	2925070.688	332.2378	347	347206.3872	2924707.102	334.6828
14	346785.4402	2925067.94	332.2328	348	347210.5638	2924704.353	334.6778
15	346789.6169	2925065.191	332.2278	349	347214.7404	2924701.605	334.6728
16	346793.7935	2925062.442	332.2228	350	347218.9171	2924698.856	334.6678
17	346797.9701	2925059.693	332.2178	351	347223.0937	2924696.107	334.6628
18	346802.1468	2925056.944	332.2128	352	347227.2703	2924693.358	334.6578
19	346806.3234	2925054.196	334.2078	353	347231.447	2924690.609	334.6528
20	346810.5	2925051.447	334.2028	354	347235.6236	2924687.861	334.6478
21	346814.6767	2925048.698	334.1978	355	347239.8002	2924685.112	334.6428
22	346818.8533	2925045.949	334.1928	356	347243.9769	2924682.363	334.6378
23	346823.0299	2925043.201	334.1878	357	347248.1535	2924679.614	334.6328
24	346827.2066	2925040.452	334.1828	358	347252.3301	2924676.866	334.6278
25	346831.3832	2925037.703	334.1778	359	347256.5068	2924674.117	334.6228
26	346835.5598	2925034.954	334.1728	360	347260.6834	2924671.368	334.6178
27	346839.7365	2925032.206	334.1678	361	347264.86	2924668.619	334.6128
28	346843.9131	2925029.457	334.1628	362	347269.0367	2924665.871	336.1078
29	346848.0897	2925026.708	334.1578	363	347273.2133	2924663.122	336.1028
30	346852.2664	2925023.959	334.1528	364	347277.3899	2924660.373	336.0978
31	346856.443	2925021.21	334.1478	365	347281.5666	2924657.624	336.0928
32	346860.6196	2925018.462	334.1428	366	347285.7432	2924654.875	336.0878
33	346864.7963	2925015.713	334.1378	367	347289.9198	2924652.127	336.0828
34	346868.9729	2925012.964	334.1328	368	347294.0965	2924649.378	336.0778
35	346873.1495	2925010.215	334.1278	369	347298.2731	2924646.629	336.0728
36	346877.3262	2925007.467	334.1228	370	347302.4497	2924643.88	336.0678
37	346881.5028	2925004.718	334.1178	371	347306.6264	2924641.132	336.0628
38	346885.6794	2925001.969	334.1128	372	347310.803	2924638.383	336.0578
39	346889.8561	2924999.22	334.1078	373	347314.9796	2924635.634	336.0528
40	346894.0327	2924996.472	334.1028	374	347319.1563	2924632.885	336.0478
41	346898.2093	2924993.723	334.0978	375	347323.3329	2924630.137	336.0428
42	346902.386	2924990.974	334.0928	376	347327.5095	2924627.388	336.0378
43	346906.5626	2924988.225	334.0878	377	347331.6862	2924624.639	336.0328
44	346910.7392	2924985.476	334.0828	378	347335.8628	2924621.89	336.0278
45	346914.9159	2924982.728	334.0778	379	347340.0395	2924619.141	336.0228
46	346919.0925	2924979.979	334.0728	380	347344.2161	2924616.393	336.0178
47	346923.2691	2924977.23	334.0678	381	347348.3927	2924613.644	336.0128
48	346927.4458	2924974.481	334.0628	382	347352.5694	2924610.895	336.0078
49	346931.6224	2924971.733	334.0578	383	347356.746	2924608.146	336.0028
50	346935.799	2924968.984	334.0528	384	347360.9226	2924605.398	335.9978
51	346939.9757	2924966.235	334.0478	385	347365.0993	2924602.649	335.9928
52	346944.1523	2924963.486	334.0428	386	347369.2759	2924599.9	335.9878
53	346948.3289	2924960.738	334.0378	387	347373.4525	2924597.151	335.9828
54	346952.5056	2924957.989	334.0328	388	347377.6292	2924594.403	335.9778
55	346956.6822	2924955.24	334.0278	389	347381.8058	2924591.654	335.9728
56	346960.8589	2924952.491	334.0228	390	347385.9824	2924588.905	335.9678
57	346965.0355	2924949.742	334.0178	391	347390.1591	2924586.156	335.9628
58	346969.2121	2924946.994	334.0128	392	347394.3357	2924583.407	335.9578
59	346973.3888	2924944.245	334.0078	393	347398.5123	2924580.659	335.9528
60	346977.5654	2924941.496	334.0028	394	347402.689	2924577.91	335.9478
61	346981.742	2924938.747	333.9978	395	347406.8656	2924575.161	335.9428
62	346985.9187	2924935.999	333.9928	396	347411.0422	2924572.412	335.9378
63	346990.0953	2924933.25	333.9878	397	347415.2189	2924569.664	335.9328

الرفع المساحي مستخلص جاري (١)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
64	346994.2719	2924930.501	333.9828	398	347419.3955	2924566.915	337.4278
65	346998.4486	2924927.752	333.9778	399	347423.5721	2924564.166	337.4228
66	347002.6252	2924925.004	333.9728	400	347427.7488	2924561.417	337.4178
67	347006.8018	2924922.255	333.9678	401	347431.9254	2924558.669	337.4128
68	347010.9785	2924919.506	333.9628	402	347436.102	2924555.92	337.4078
69	347015.1551	2924916.757	333.9578	403	347440.2787	2924553.171	337.4028
70	347019.3317	2924914.008	333.9528	404	347444.4553	2924550.422	337.3978
71	347023.5084	2924911.26	333.9478	405	347448.6319	2924547.673	337.3928
72	347027.685	2924908.511	333.9428	406	347452.8086	2924544.925	337.3878
73	347031.8616	2924905.762	333.9378	407	347456.9852	2924542.176	337.3828
74	347036.0383	2924903.013	333.9328	408	347461.1618	2924539.427	337.3778
75	347040.2149	2924900.265	334.9278	409	347465.3385	2924536.678	337.3728
76	347044.3915	2924897.516	334.9228	410	347469.5151	2924533.93	337.3678
77	347048.5682	2924894.767	334.9178	411	347473.6917	2924531.181	337.3628
78	347052.7448	2924892.018	334.9128	412	347477.8684	2924528.432	337.3578
79	347056.9214	2924889.27	334.9078	413	347482.045	2924525.683	337.3528
80	347061.0981	2924886.521	334.9028	414	347486.2216	2924522.935	337.3478
81	347065.2747	2924883.772	334.8978	415	347490.3983	2924520.186	337.3428
82	347069.4513	2924881.023	334.8928	416	347494.5749	2924517.437	337.3378
83	347073.628	2924878.274	334.8878	417	347498.7515	2924514.688	337.3328
84	347077.8046	2924875.526	334.8828	418	347502.9282	2924511.939	337.3278
85	347081.9812	2924872.777	334.8778	419	347507.1048	2924509.191	337.3228
86	347086.1579	2924870.028	334.8728	420	347511.2814	2924506.442	337.3178
87	347090.3345	2924867.279	334.8678	421	347515.4581	2924503.693	337.3128
88	347094.5111	2924864.531	334.8628	422	347519.6347	2924500.944	337.3078
89	347098.6878	2924861.782	334.8578	423	347523.8113	2924498.196	337.3028
90	347102.8644	2924859.033	334.8528	424	347527.988	2924495.447	337.2978
91	347107.041	2924856.284	334.8478	425	347532.1646	2924492.698	337.2928
92	347111.2177	2924853.536	334.8428	426	347536.3412	2924489.949	337.2878
93	347115.3943	2924850.787	334.8378	427	347540.5179	2924487.201	337.2828
94	347119.5709	2924848.038	334.8328	428	347544.6945	2924484.452	337.2778
95	347123.7476	2924845.289	334.8278	429	347548.8711	2924481.703	337.2728
96	347127.9242	2924842.541	334.8228	430	347553.0478	2924478.954	337.2678
97	347132.1008	2924839.792	334.8178	431	347557.2244	2924476.205	337.2628
98	347136.2775	2924837.043	334.8128	432	347561.401	2924473.457	337.2578
99	347140.4541	2924834.294	334.8078	433	347565.5777	2924470.708	337.2528
100	347144.6307	2924831.545	334.8028	434	347569.7543	2924467.959	337.2478
101	347148.8074	2924828.797	334.7978	435	347573.9309	2924465.21	337.2428
102	347152.984	2924826.048	334.7928	436	347578.1076	2924462.462	337.2378
103	347157.1606	2924823.299	334.7878	437	347582.2842	2924459.713	337.2328
104	347161.3373	2924820.55	334.7828	438	347586.4608	2924456.964	337.2278
105	347165.5139	2924817.802	334.7778	439	347590.6375	2924454.215	337.2228
106	347169.6905	2924815.053	334.7728	440	347594.8141	2924451.467	337.2178
107	347173.8672	2924812.304	334.7678	441	347598.9907	2924448.718	337.2128
108	347178.0438	2924809.555	334.7628	442	347603.1674	2924445.969	337.2078
109	347182.2204	2924806.807	334.7578	443	347607.344	2924443.22	337.2028
110	347186.3971	2924804.058	334.7528	444	347611.5206	2924440.472	337.1978
111	347190.5737	2924801.309	334.7478	445	347615.6973	2924437.723	337.1928
112	347194.7503	2924798.56	334.7428	446	347619.8739	2924434.974	337.1878
113	347198.927	2924795.811	334.7378	447	347624.0506	2924432.225	337.1828
114	347203.1036	2924793.063	334.7328	448	347628.2272	2924429.476	337.1778
115	347207.2802	2924790.314	334.7278	449	347632.4039	2924426.727	337.1728
116	347211.4569	2924787.565	334.7228	450	347636.5805	2924423.978	337.1678
117	347215.6335	2924784.816	334.7178	451	347640.7572	2924421.229	337.1628
118	347219.8101	2924782.068	334.7128	452	347644.9338	2924418.48	337.1578
119	347223.9868	2924779.319	334.7078	453	347649.1105	2924415.731	337.1528
120	347228.1634	2924776.57	334.7028	454	347653.2871	2924412.982	337.1478
121	347232.34	2924773.821	334.6978	455	347657.4638	2924410.233	337.1428
122	347236.5167	2924771.073	334.6928	456	347661.6404	2924407.484	337.1378
123	347240.6933	2924768.324	334.6878	457	347665.8171	2924404.735	337.1328
124	347244.8699	2924765.575	334.6828	458	347670.0000	2924401.986	337.1278
125	347249.0466	2924762.826	334.6778	459	347674.1800	2924399.237	337.1228
126	347253.2232	2924760.077	334.6728	460	347678.3600	2924396.488	337.1178

الرفع المساحي مستخلص جاري (١)

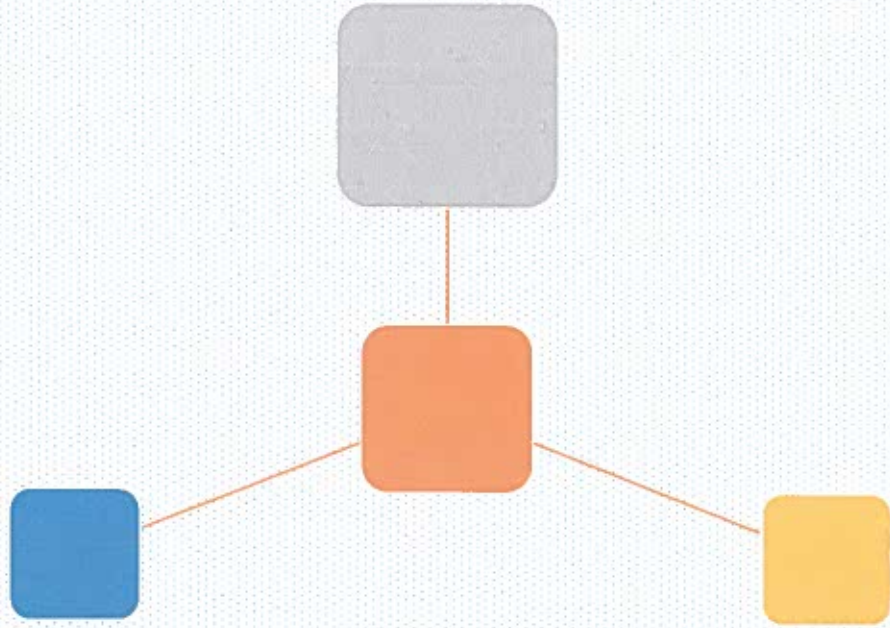
Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
190	347520.5278	2924584.156	337.3528	524	347091.2276	2924950.491	334.9128
191	347524.7044	2924581.407	337.8478	525	347095.4042	2924947.742	334.9078
192	347528.881	2924578.659	337.8428	526	347099.5808	2924944.994	334.9028
193	347533.0577	2924575.91	337.8378	527	347103.7575	2924942.245	334.8978
194	347537.2343	2924573.161	337.8328	528	347107.9341	2924939.496	334.8928
195	347541.4109	2924570.412	337.8278	529	347112.1107	2924936.747	334.8878
196	347545.5876	2924567.664	337.8228	530	347116.2874	2924933.999	334.8828
197	347549.7642	2924564.915	337.8178	531	347120.464	2924931.25	334.8778
198	347553.9408	2924562.166	337.8128	532	347124.6406	2924928.501	334.8728
199	347558.1175	2924559.417	337.8078	533	347128.8173	2924925.752	334.8678
200	347562.2941	2924556.669	337.8028	534	347132.9939	2924923.004	334.8628
201	347566.4707	2924553.92	337.7978	535	347137.1705	2924920.255	334.8578
202	347570.6474	2924551.171	337.7928	536	347141.3472	2924917.506	334.8528
203	347574.824	2924548.422	337.7878	537	347145.5238	2924914.757	334.8478
204	347579.0006	2924545.673	338.7828	538	347149.7004	2924912.008	334.8428
205	347583.1773	2924542.925	338.7778	539	347153.8771	2924909.26	334.8378
206	347587.3539	2924540.176	338.7728	540	347158.0537	2924906.511	334.8328
207	347591.5305	2924537.427	338.7678	541	347162.2303	2924903.762	334.8278
208	347595.7072	2924534.678	338.7628	542	347166.407	2924901.013	334.8228
209	347599.8838	2924531.93	338.7578	543	347170.5836	2924898.265	334.8178
210	347604.0604	2924529.181	338.7528	544	347174.7602	2924895.516	334.8128
211	347608.2371	2924526.432	338.7478	545	347178.9369	2924892.767	334.8078
212	347612.4137	2924523.683	338.7428	546	347183.1135	2924890.018	334.8028
213	347616.5903	2924520.935	338.7378	547	347187.2901	2924887.27	334.7978
214	347620.767	2924518.186	338.7328	548	347191.4668	2924884.521	334.7928
215	347624.9436	2924515.437	338.7278	549	347195.6434	2924881.772	334.7878
216	347629.1202	2924512.688	338.7228	550	347199.82	2924879.023	334.7828
217	347633.2969	2924509.939	338.7178	551	347203.9967	2924876.274	334.7778
218	347637.4735	2924507.191	338.7128	552	347208.1733	2924873.526	334.7728
219	347641.6501	2924504.442	338.7078	553	347212.3499	2924870.777	334.7678
220	347645.8268	2924501.693	338.7028	554	347216.5266	2924868.028	334.7628
221	347650.0034	2924498.944	338.6978	555	347220.7032	2924865.279	334.7578
222	347654.18	2924496.196	338.6928	556	347224.8798	2924862.531	334.7528
223	347658.3566	2924493.447	338.6878	557	347229.0565	2924859.782	334.7478
224	347662.5332	2925045.201	332.2978	558	347233.2331	2924857.033	334.7428
225	347666.7098	2925042.452	332.2928	559	347237.4097	2924854.284	334.7378
226	347670.8864	2925039.703	332.2878	560	347241.5864	2924851.536	334.7328
227	347675.063	2925036.954	332.2828	561	347245.763	2924848.787	334.7278
228	347679.2396	2925034.206	332.2778	562	347249.9396	2924846.038	334.7228
229	347683.4162	2925031.457	332.2728	563	347254.1163	2924843.289	334.7178
230	347687.5928	2925028.708	332.2678	564	347258.2929	2924840.54	334.7128
231	347691.7694	2925025.959	332.2628	565	347262.4695	2924837.792	334.7078
232	347695.946	2925023.211	332.2578	566	347266.6462	2924835.043	334.7028
233	347699.1226	2925020.462	332.2528	567	347270.8228	2924832.294	334.6978
234	347703.2992	2925017.713	332.2478	568	347274.9994	2924829.545	334.6928
235	347707.4758	2925014.964	332.2428	569	347279.1761	2924826.797	334.6878
236	347711.6524	2925012.215	332.2378	570	347283.3527	2924824.048	334.6828
237	347715.829	2925009.467	332.2328	571	347287.5293	2924821.299	334.6778
238	347719.9956	2925006.718	332.2278	572	347291.706	2924818.55	334.6728
239	347724.1722	2925003.969	332.2228	573	347295.8826	2924815.802	334.6678
240	347728.3488	2925001.22	332.2178	574	347300.0592	2924813.053	334.6628
241	347732.5254	2924998.472	332.2128	575	347304.2359	2924810.304	334.6578
242	347736.702	2924995.723	334.2078	576	347308.4125	2924807.555	334.6528
243	347740.8786	2924992.974	334.2028	577	347312.5891	2924804.806	334.6478
244	347745.0552	2924990.225	334.1978	578	347316.7658	2924802.058	334.6428
245	347749.2318	2924987.477	334.1928	579	347320.9424	2924799.309	334.6378
246	347753.4084	2924984.728	334.1878	580	347325.119	2924796.56	334.6328
247	347757.585	2924981.979	334.1828	581	347329.2957	2924793.811	334.6278
248	347761.7616	2924979.23	334.1778	582	347333.4723	2924791.063	334.6228
249	347765.9382	2924976.481	334.1728	583	347337.6489	2924788.314	334.6178
250	347770.1148	2924973.733	334.1678	584	347341.8256	2924785.565	334.6128
251	347774.2914	2924970.984	334.1628	585	347346.0022	2924782.816	334.6078
252	347778.468	2924968.235	334.1578	586	347350.1788	2924780.068	334.6028

الرفع المساحي مستخلص جاري (١)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
253	346813.7836	2924965.486	334.1528	587	347354.3555	2924777.319	336.0978
254	346817.9602	2924962.738	334.1478	588	347358.5321	2924774.57	336.0928
255	346822.1369	2924959.989	334.1428	589	347362.7087	2924771.821	336.0878
256	346826.3135	2924957.24	334.1378	590	347366.8854	2924769.072	336.0828
257	346830.4901	2924954.491	334.1328	591	347371.062	2924766.324	336.0778
258	346834.6668	2924951.743	334.1278	592	347375.2386	2924763.575	336.0728
259	346838.8434	2924948.994	334.1228	593	347379.4153	2924760.826	336.0678
260	346843.02	2924946.245	334.1178	594	347383.5919	2924758.077	336.0628
261	346847.1967	2924943.496	334.1128	595	347387.7685	2924755.329	336.0578
262	346851.3733	2924940.747	334.1078	596	347391.9452	2924752.58	336.0528
263	346855.5499	2924937.999	334.1028	597	347396.1218	2924749.831	336.0478
264	346859.7266	2924935.25	334.0978	598	347400.2984	2924747.082	336.0428
265	346863.9032	2924932.501	334.0928	599	347404.4751	2924744.334	336.0378
266	346868.0798	2924929.752	334.0878	600	347408.6517	2924741.585	336.0328
267	346872.2565	2924927.004	334.0828	601	347412.8283	2924738.836	336.0278
268	346876.4331	2924924.255	334.0778	602	347417.005	2924736.087	336.0228
269	346880.6097	2924921.506	334.0728	603	347421.1816	2924733.338	336.0178
270	346884.7864	2924918.757	334.0678	604	347425.3583	2924730.59	336.0128
271	346888.963	2924916.009	334.0628	605	347429.5349	2924727.841	336.0078
272	346893.1396	2924913.26	334.0578	606	347433.7115	2924725.092	336.0028
273	346897.3163	2924910.511	334.0528	607	347437.8882	2924722.343	335.9978
274	346901.4929	2924907.762	334.0478	608	347442.0648	2924719.595	335.9928
275	346905.6695	2924905.013	334.0428	609	347446.2414	2924716.846	335.9878
276	346909.8462	2924902.265	334.0378	610	347450.4181	2924714.097	335.9828
277	346914.0228	2924899.516	334.0328	611	347454.5947	2924711.348	335.9778
278	346918.1994	2924896.767	334.0278	612	347458.7713	2924708.6	335.9728
279	346922.3761	2924894.018	334.0228	613	347462.948	2924705.851	335.9678
280	346926.5527	2924891.27	334.0178	614	347467.1246	2924703.102	335.9628
281	346930.7294	2924888.521	334.0128	615	347471.3012	2924700.353	335.9578
282	346934.906	2924885.772	334.0078	616	347475.4779	2924697.604	335.9528
283	346939.0826	2924883.023	334.0028	617	347479.6545	2924694.856	335.9478
284	346943.2593	2924880.275	333.9978	618	347483.8311	2924692.107	335.9428
285	346947.4359	2924877.526	333.9928	619	347488.0078	2924689.358	335.9378
286	346951.6125	2924874.777	333.9878	620	347492.1844	2924686.609	335.9328
287	346955.7892	2924872.028	333.9828	621	347496.361	2924683.861	337.4278
288	346959.9658	2924869.279	333.9778	622	347500.5377	2924681.112	337.4228
289	346964.1424	2924866.531	333.9728	623	347504.7143	2924678.363	337.4178
290	346968.3191	2924863.782	333.9678	624	347508.8909	2924675.614	337.4128
291	346972.4957	2924861.033	333.9628	625	347513.0676	2924672.866	337.4078
292	346976.6723	2924858.284	333.9578	626	347517.2442	2924670.117	337.4028
293	346980.849	2924855.536	333.9528	627	347521.4208	2924667.368	337.3978
294	346985.0256	2924852.787	333.9478	628	347525.5975	2924664.619	337.3928
295	346989.2022	2924850.038	333.9428	629	347529.7741	2924661.87	337.3878
296	346993.3789	2924847.289	333.9378	630	347533.9507	2924659.122	337.3828
297	346997.5555	2924844.541	333.9328	631	347538.1274	2924656.373	337.3778
298	347001.7321	2924841.792	334.9278	632	347542.304	2924653.624	337.3728
299	347005.9088	2924839.043	334.9228	633	347546.4806	2924650.875	337.3678
300	347010.0854	2924836.294	334.9178	634	347550.6573	2924648.127	337.3628
301	347014.262	2924833.545	334.9128	635	347554.8339	2924645.378	337.3578
302	347018.4387	2924830.797	334.9078	636	347559.0105	2924642.629	337.3528
303	347022.6153	2924828.048	334.9028	637	347563.1872	2924639.88	337.3478
304	347026.7919	2924825.299	334.8978	638	347567.3638	2924637.132	337.3428
305	347030.9685	2924822.55	334.8928	639	347571.5404	2924634.383	337.3378
306	347035.1452	2924819.802	334.8878	640	347575.7171	2924631.634	337.3328
307	347039.3218	2924817.053	334.8828	641	347579.8937	2924628.885	337.3278
308	347043.4985	2924814.304	334.8778	642	347584.0703	2924626.136	337.3228
309	347047.6751	2924811.555	334.8728	643	347588.247	2924623.388	337.3178
310	347051.8517	2924808.807	334.8678	644	347592.4236	2924620.639	337.3128
311	347056.0284	2924806.058	334.8628	645	347596.6002	2924617.89	337.3078
312	347060.205	2924803.309	334.8578	646	347600.7769	2924615.141	337.3028
313	347064.3816	2924800.56	334.8528	647	347604.9535	2924612.393	337.2978
314	347068.5583	2924797.811	334.8478	648	347609.1301	2924609.644	337.2928
315	347072.7349	2924795.063	334.8428	649	347613.3068	2924606.895	337.2878

الرفع المساحي مستخلص جاري (١)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
316	347076.9115	2924792.314	334.8378	650	347617.4834	2924604.146	338.7828
317	347081.0882	2924789.565	334.8328	651	347621.66	2924601.398	338.7778
318	347085.2648	2924786.816	334.8278	652	347625.8367	2924598.649	338.7728
319	347089.4414	2924784.068	334.8228	653	347630.0133	2924595.9	338.7678
320	347093.6181	2924781.319	334.8178	654	347634.1899	2924593.151	338.7628
321	347097.7947	2924778.57	334.8128	655	347638.3666	2924590.402	338.7578
322	347101.9713	2924775.821	334.8078	656	347642.5432	2924587.654	338.7528
323	347106.148	2924773.073	334.8028	657	347646.7198	2924584.905	338.7478
324	347110.3246	2924770.324	334.7978	658	347650.8965	2924582.156	338.7428
325	347114.5012	2924767.575	334.7928	659	347655.0731	2924579.407	338.7378
326	347118.6779	2924764.826	334.7878	660	347659.2497	2924576.659	338.7328
327	347122.8545	2924762.077	334.7828	661	347663.4264	2924573.91	338.7278
328	347127.0311	2924759.329	334.7778	662	347667.603	2924571.161	338.7228
329	347131.2078	2924756.58	334.7728	663	347671.7796	2924568.412	338.7178
330	347135.3844	2924753.831	334.7678	664	347675.9563	2924565.664	338.7128
331	347139.561	2924751.082	334.7628	665	347680.1329	2924562.915	338.7078
332	347143.7377	2924748.334	334.7578	666	347684.3095	2924560.166	338.7028
333	347147.9143	2924745.585	334.7528	667	347688.4862	2924557.417	338.6978
334	347152.0909	2924742.836	334.7478	668	347692.6628	2924554.668	338.696
				669	347692.6628	2924554.668	338.6928



الهيكل التنظيمي

شركة الغازى للمقاولات العامة

هيكل تنظيمي للعاملين بمشروع القطار السريع شركة الغازي للمقاولات العامة

التاريخ : ٢٠٢٣/٠١/٠٣
اسم المشروع : مشروع القطار السريع (أكتوبر-أبوسمبل)
رقم العقد : (٢٠٢٤/٢٠٢٣/٥٥٤)

ملاحظات	عدد سنوات الخبرة	الوظيفة	الاسم	مستسل
	١٥	مدير المشروع	أحمد خالد عباس	١
	٧	مدير المكتب الفني	عبدالعزیز حسن عبدالعزیز	٢
	٥	مهندس تنفيذ	كريم مصطفى	٣
	٧	مدير ضبط الجودة	طارق السيد كامل	٤
	٧	مدير السلامة الوقائية	خليل محمد	٥
	٨	مهندس صيانة (ميكانيكا وكهرباء)	أحمد محمد أمباري	٦
	٤	محاسب	أحمد عبدالحكيم	٧
	٢	محاسب	عمرو مصطفى عبدالموجود	٨
	٩	فني المعمل	عبدالرحمن محمد شحاته	٩
	٧	مساح	كرم فرج على	١٠
	٧	مساح	اسماعيل عوض حسانين	١١
	٦	مساح	راشد محسن جلال	١٢
	٤	مساح	وليد ابو السعود احمد	١٣
	٥	مساح	أحمد اشرف اسماعيل	١٤
	٩	مسئول الاشراف	محمد عبدالمعتم منتصر	١٥
	٦	مسئول اشراف	على قاسم محمددين	١٦
	٥	مشرف	محمد ابو الوفا حسانين	١٧
	٣	مشرف	أحمد محمد ابراهيم	١٨
	٤	مشرف	محمددين قاسم محمددين	١٩
	٣	مشرف	عز الدين عبدالرازق محمد	٢٠
	٢	مشرف	أحمد على محمد	٢١
	٣	مشرف	ابراهيم قاسم محمددين	٢٢
	٢	مشرف	حسن ابو الوفا ابراهيم	٢٣
	٢	مشرف	كريم محمد محمددين	٢٤
	١	مساعد مساح	علاء عيد	٢٥
	١	مساعد مساح	محمد يحيى هليل	٢٦
	١	مساعد مساح	ناصر محمد	٢٧
	١	مساعد مساح	زياد عبدالله	٢٨
	١	مساعد مساح	حسن شحاته السيد	٢٩
	٧	سائق	محمود ابو بكر	٣٠
	٥	سائق	محمد ربيع محمد	٣١
	٤	سائق	شحاته متولى	٣٢

الهيئة العامة للطرق والكباري

مكتب الرائد للاستشارات الهندسيه

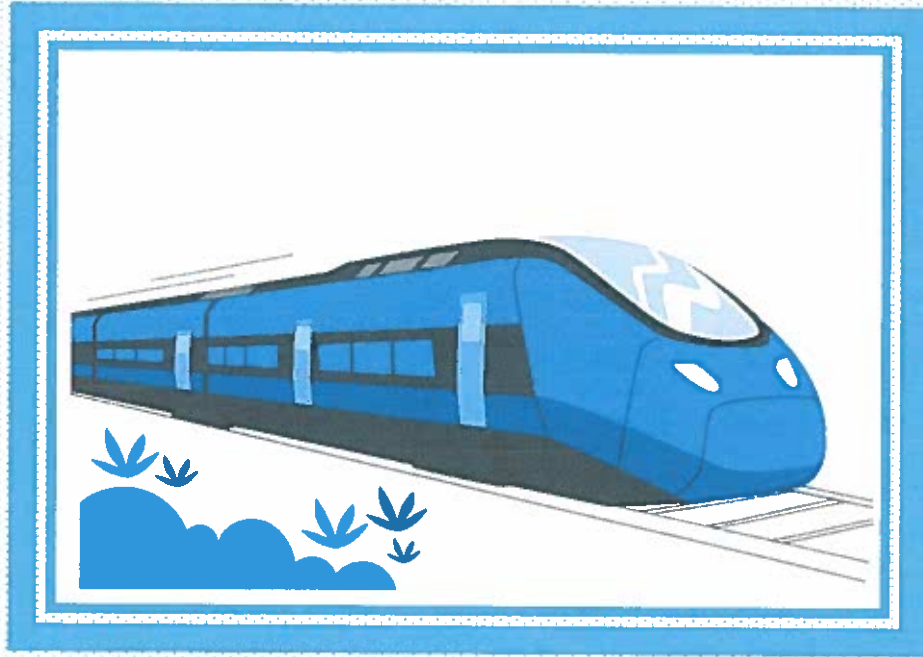
الشركة المنفذه

الاسم : **مبا محمد أمين**

التوقيع :







بيان الأعمال

شركة الغازى للمقاولات العامة



عن عملية : تنفيذ الجسر الترابي والأعمال الصناعية بقطاعات مشروع إنشاء القطار

الكهربائي (أكتوبر - أسوان)

لتنفيذ أعمال الجسر الترابي القطاع الثالث (منفلوط - جرجا)

من الكم ٤٤٤+٧٧٠ الى الكم ٤٤٥+٨٠٠ بطول ١,٠٣٠ كم

من منسوب -١٣ م حتى منسوب -١٠,٢٥ م

اتجاه جرجا (بالأمر المباشر) تنفيذ : الغازي للمقاولات العمومية

بيان أعمال

مستخلص جاري (١) عن الفترة من بداية العمل حتى ٢٠٢٤/٠١/٠٣ - العقد رقم (٢٠٢٤/٢٠٢٣/٥٥٤)

رقم البند	بيان الأعمال	الوحدة	الكمية حسب المقايضة	الكمية المنصرفة
١٢	أعمال الردم			
١٢	بالمتر المكعب اعمال تحميل وتوريد ونقل اترية مطابقة للمواصفات و تشغيلها باستخدام الات التسوية بسلك لا يزيد عن ٥٠ سم حتى منسوب (-2.00 متر) ويسمك لا يزيد عن ٢٥ سم لاستكمال المنسوب التصميمي لتشكيل الجسر و الاكتاف (نسبة تحمل كاليفورنيا لا تقل عن ٢٠%) و رشها بالمياه الاصلوية للوصول الى نسبة الرطوبة المطلوبة و الدمك الجيد بالهراسات للوصول الى اقصى كثافة جافة (95 % من الكثافة الجافة القصوى) ويتم التنفيذ طبقا للمناسيب التصميمية و القطاعات العرضية النموذجية و الرسومات التفصيلية المعتمدة و البند بجميع مشتملاته طبقا لاصول الصناعة و مواصفات الهيئة العامة للطرق و الكباري وتعليمات المهندس المشرف.	م ٣	121,730.00	81,000.00
	ملحوظة - في حالة طلب جهاز الاشراف زيادة نسبة الدمك من ٩٥% بحسب زيادة ١ جنية علي زيادة نسبة الدمك لكل ١% - مسافة النقل حتى ٢ كم ويتم حساب علاوة ١,٥ جنيه لكل كم بالزيادة او النقصان - السعر يشمل عمل تشوينات وتخليط واختبارات ونقل موقع العمل حتى مسافة ٢ كم والبند لا يشمل القيمة المحجورة			
	علاوة مسافة نقل ٢٥ كم		121730.00	81,000.00
	قيمة المواد المحجورة للاترية		121730.00	81,000.00
	علاوة زيادة السولار		121730.00	81,000.00

يعتمد ،،،
مهندس الهيئة
التوقيع /

SA





بيان المعدات

شركة الغازى للمقاولات العامة

بيان المعدات

التاريخ : ٢٠٢٣/٠١/٠٣

اسم المشروع : مشروع القطار السريع (أكتوبر-أبوسمبل)
المسافة من كم ٤٤٤+٧٧٠ وحتى كم ٤٤٥+٨٠٠ بطول ١,٠٣٠ كم

بالإشارة الى العقد المبرم بين الهيئة العامة للطرق والكباري وشركة الغازى للمقاولات العامة
رقم (٢٠٢٤/٢٠٢٣/٥٥٤)
لتنفيذ المشروع عاليه بالمعدات الآتية :

العدد	المعدة
٥	حفار
٤	لودر
٥	عربية قلاب
١	بلدوزر
٤	جريدر
٥	تانك مياه
٣	سيارات خدمة
٤	هراس

الهيئة العامة للطرق والكباري

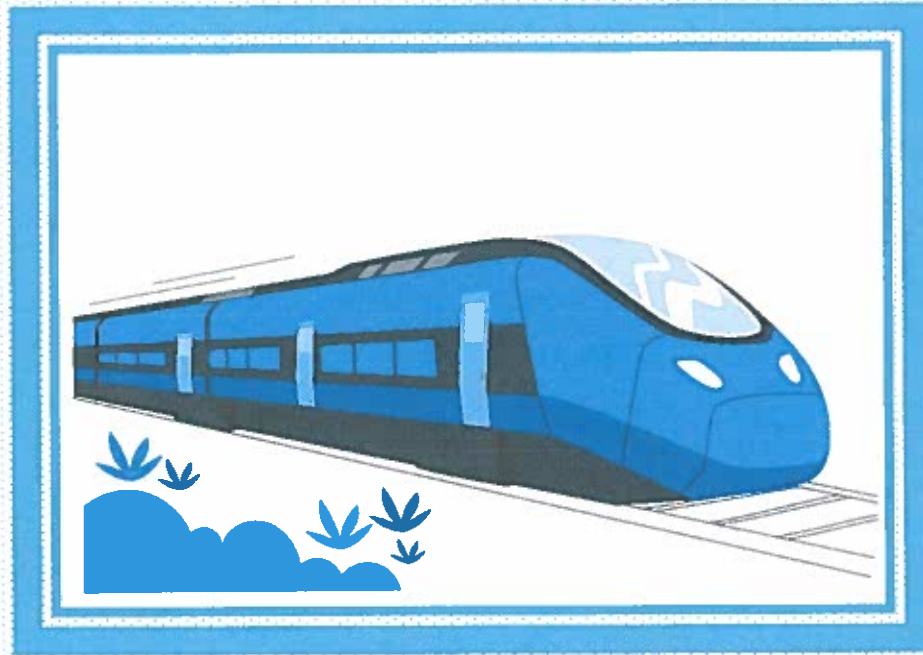
مكتب الاستشاري الرائد

الشركة المنفذة

الاسم : صيا مبرجبة أمين

التوقيع :





حصر المستخلص والقطاعات العرضية

شركة الغازى للمقاولات العامة



حصر as built لكميات الردم المنفذة لشركة الغازى للمقاولات العامة حتى تاريخ ٢٠٢٤/١/٠٣

اسم المشروع /			المالك /
مشروع القطار الكهربائي السريع القطاع الثالث منفلووط / جرجا			الهيئة العامة للطرق والكباري
الهيئة العامة للطرق والكباري			مكتب الدولية للمساحة والخرائط
مكتب الدولية للمساحة والخرائط			مكتب الرائد للاستشارات الهندسية
قطاع شركة الغازى للمقاولات العامة فى المسافة من الكم ٤٤٤+٧٧٠ الى الكم ٤٤٥+٨٠٠ من ملسوب ١٢٠ م حتى ملسوب ١٠٠,٢٥٠ م			الشركة المنفذة /
Station	Fill Area (Cu.M.)	Fill Volume (Cu.M.)	Cum. Fill Vol. (Cu.M.)
444+770	0	0.00	0
444+780	0	0.00	0
444+800	0	0.00	0
444+820	0	0.00	0
444+840	0	0.00	0
444+860	36.47	364.69	364.69
444+880	96.08	1,325.46	1690.15
444+900	101.33	1,974.03	3664.17
444+920	101.33	2,026.52	5690.69
444+940	101.33	2,026.52	7717.21
444+960	101.33	2,026.52	9743.73
444+980	101.33	2,026.52	11770.25
445+000	101.33	2,026.52	13796.77
445+020	101.33	2,026.52	15823.29
445+040	101.33	2,026.52	17849.8
445+060	101.33	2,026.52	19876.32
445+080	101.33	2,026.52	21902.84
445+100	101.33	2,026.52	23929.36
445+120	101.07	2,024.00	25953.36
445+140	159.38	2,604.54	28557.9
445+160	118.02	2,774.00	31331.9
445+180	127.05	2,450.69	33782.59
445+200	155.06	2,821.11	36603.71
445+220	162.96	3,180.23	39783.94
445+240	109.45	2,724.13	42508.07
445+260	90.18	1,996.33	44504.39
445+280	46.72	1,369.00	45873.39
445+300	68.06	1,147.78	47021.18
445+320	85.47	1,535.33	48556.51
445+340	161.60	2,470.79	51027.3
445+360	161.30	3,229.03	54256.33
445+380	146.78	3,080.77	57337.1
445+400	87.52	2,342.98	59680.09
445+420	18.67	1,061.92	60742.01
445+440	26.45	391.21	61133.22
445+460	44.13	645.79	61779.01
445+480	63.27	1,074.01	62853.02
445+500	135.28	1,985.52	64838.53
445+520	156.11	2,913.94	67752.47
445+540	138.58	2,946.92	70699.39

الاستشارات الهندسية
للإدارة العامة للطرق والكباري
القطاع الثالث منفلووط / جرجا
مكتب الرائد للاستشارات الهندسية

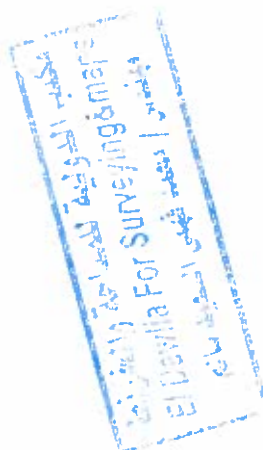
مكتب الرائد للاستشارات الهندسية
للإدارة العامة للطرق والكباري
القطاع الثالث منفلووط / جرجا
مكتب الرائد للاستشارات الهندسية

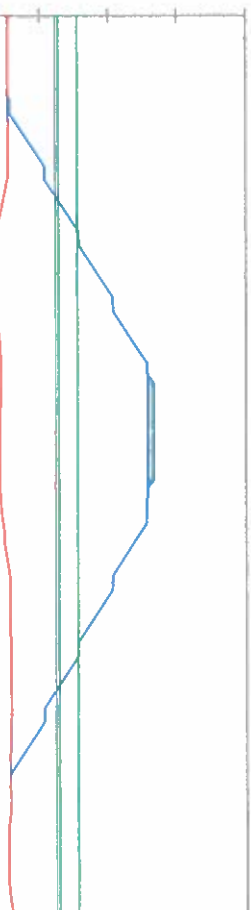
مكتب الرائد للاستشارات الهندسية
للإدارة العامة للطرق والكباري
القطاع الثالث منفلووط / جرجا
مكتب الرائد للاستشارات الهندسية



حصر كميات الردم المنفذة لشركة الغازي للمقاولات النامة حتى تاريخ ٢٠٢٤/٠١/٠٣

اسم المشروع /		مشروع القطار الكهربائي السريع القطاع الثالث منفوط / جرجا	
المالك /		الهيئة العامة للطرق والكباري	
استشاري المساحة /		مكتب الدولية للمساحة والخرائط	
استشاري المشروع /		مكتب الرائد للاستشارات الهندسية	
الشركة المنفذة /		قطاع شركة الغازي للمقاولات العامة في المسافة من الكم ٤٤٤+٧٧٠ الى الكم ٤٤٥+٨٠٠ من منسوب ١٣٠ م حتى منسوب ١٠٠,٢٥ م	
Station	Fill Area (Cu.M.)	Fill Volume (Cu.M.)	Cum. Fill Vol. (Cu.M.)
445+560	139.69	2,782.65	73482.04
445+580	100.29	2,399.71	75881.75
445+600	81.25	1,815.32	77697.07
445+620	56.62	1,378.67	79075.75
445+640	49.14	1,057.64	80133.38
445+660	34.18	833.27	80966.65
445+680	16.52	507.01	81473.67
445+700	7.64	241.59	81715.26
445+720	3.78	114.24	81829.49
445+740	0	37.82	81867.31
445+760	0	0.00	81867.31
445+780	0	0.00	81867.31
445+800	0	0.00	81867.31
445+820	0	0.00	81867.31
445+840	0	0.00	81867.31
445+860	0	0.00	81867.31
445+866.78	0	0.00	81867.31
81867		اجمالي كمية الردم (متر مكعب)	
مهندس الشركة		عبد الزمزمه فار	
مهندس المكتب الفني (مكتب الدولية)		عبد الله فخرى	
مهندس المكتب الفني (مكتب الرائد)		م. حاتم	
مدير مشروع استشاري الهيئة (مكتب الرائد)		م. حاتم	
مهندس الاشراف (هيئة الطرق والكباري)		م. حاتم	



$$444 + 780.00$$


Inspected (FBI) at Station 444-706-202		
Material Inspected	Area	Comments/Volume
Material - (1)	4-000	4-000

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
325.76		
325.33		
325.34		
325.34		
325.31		
325.28		
325.33	325.62	-0.29
325.19	325.72	-0.53
325.43	326.96	-1.53
325.43	328.29	-2.86
325.42	329.62	-4.20
325.42	330.72	-5.31
325.33	330.96	-5.72
324.82	332.29	-7.47
324.40	333.62	-9.22
323.91	334.96	-11.04
323.67	335.72	-12.06
323.42	336.29	-12.87
323.36	337.62	-14.26
323.44	338.96	-15.52
323.50	340.29	-16.79
323.61	340.72	-17.12
323.83	341.62	-17.80
324.04	342.96	-18.91
324.18	344.29	-20.11
324.30	345.62	-21.33
324.31	345.78	-21.47
324.32	345.78	-21.46
324.29	345.78	-21.49
324.19	345.78	-21.60
324.07	345.78	-21.71
324.08	345.78	-21.71
324.09	345.78	-21.69
324.13	345.78	-21.66
324.19	345.78	-21.60
324.27	345.72	-21.45
324.45	345.64	-21.19
324.72	345.15	-20.43
324.82	344.82	-19.00
325.14	342.48	-17.35
325.48	341.15	-15.66
325.56	340.58	-15.02
325.60	339.82	-14.22
325.62	338.48	-12.86
325.65	337.15	-11.50
325.67	335.82	-10.14
325.71	335.58	-9.88
325.73	334.48	-8.76
325.74	334.15	-7.41
325.75	333.82	-6.06
325.77	330.58	-4.81
325.76	330.48	-4.72
325.71	329.15	-3.44
325.65	327.82	-2.17
325.58	326.48	-0.91
325.66		
325.65		
325.46		
325.32		
325.30		
325.29		
325.28		
325.44		
325.73		

ELGHAZY



ELDAWLIA



ELRAEID





ESM
El dawila
for Surveying & Maps

EL-RAEID
Engineering & Consulting

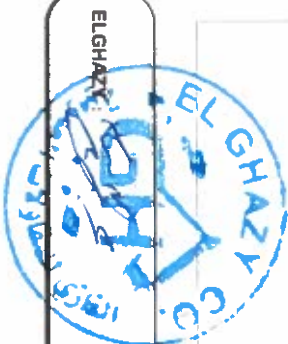
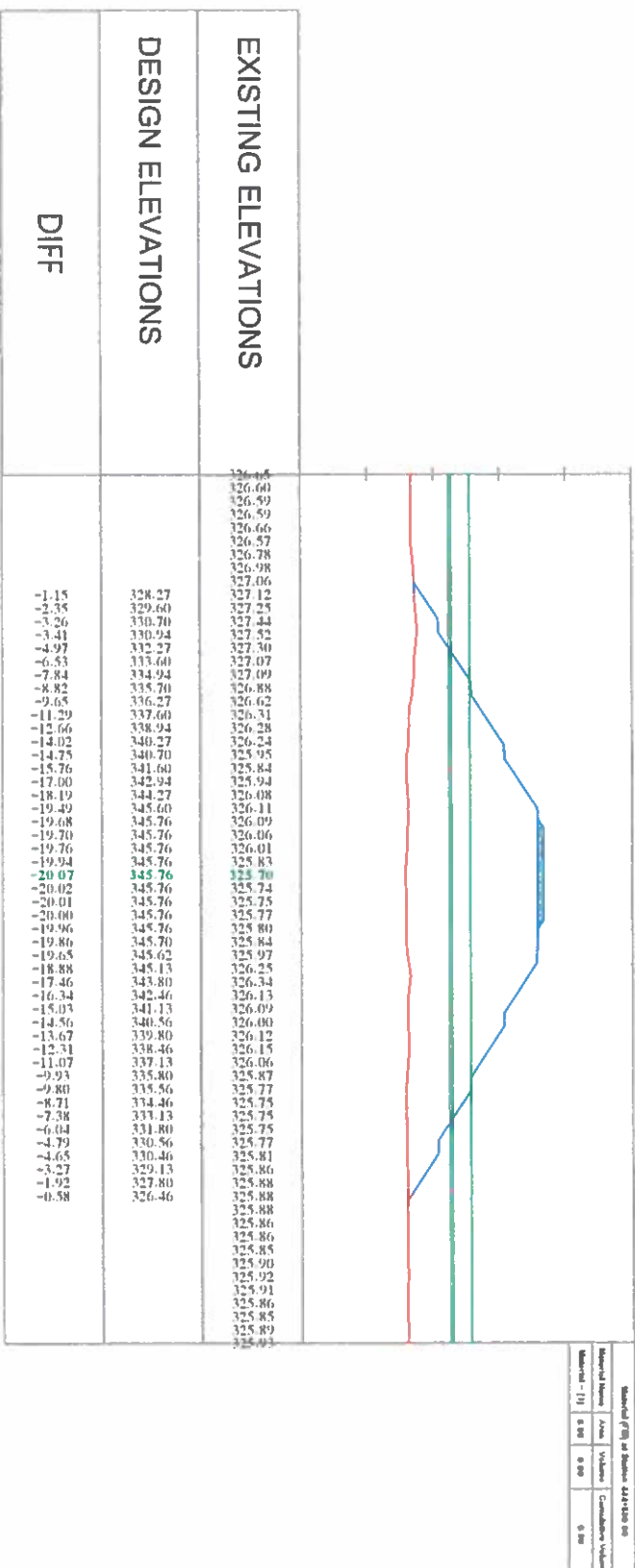
OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfouf – Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



الهيئة العامة
للمساحة والخرائط
El Dawila For Surveying & Maps



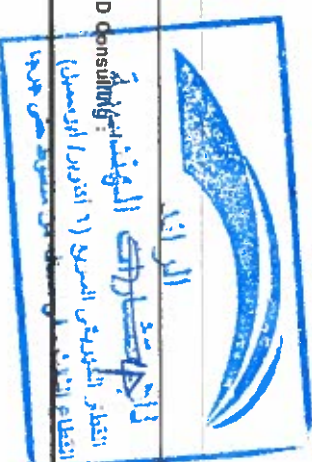
444+800.00



ELGHAZY

ELDAWILA

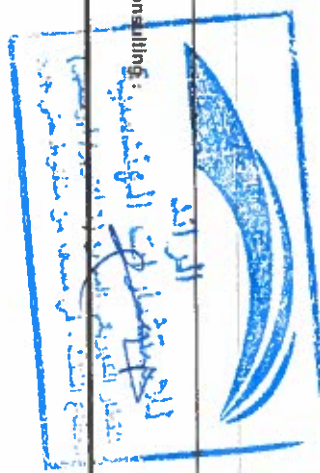
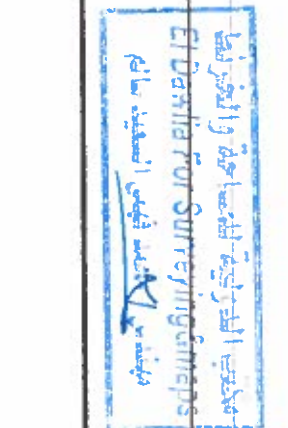
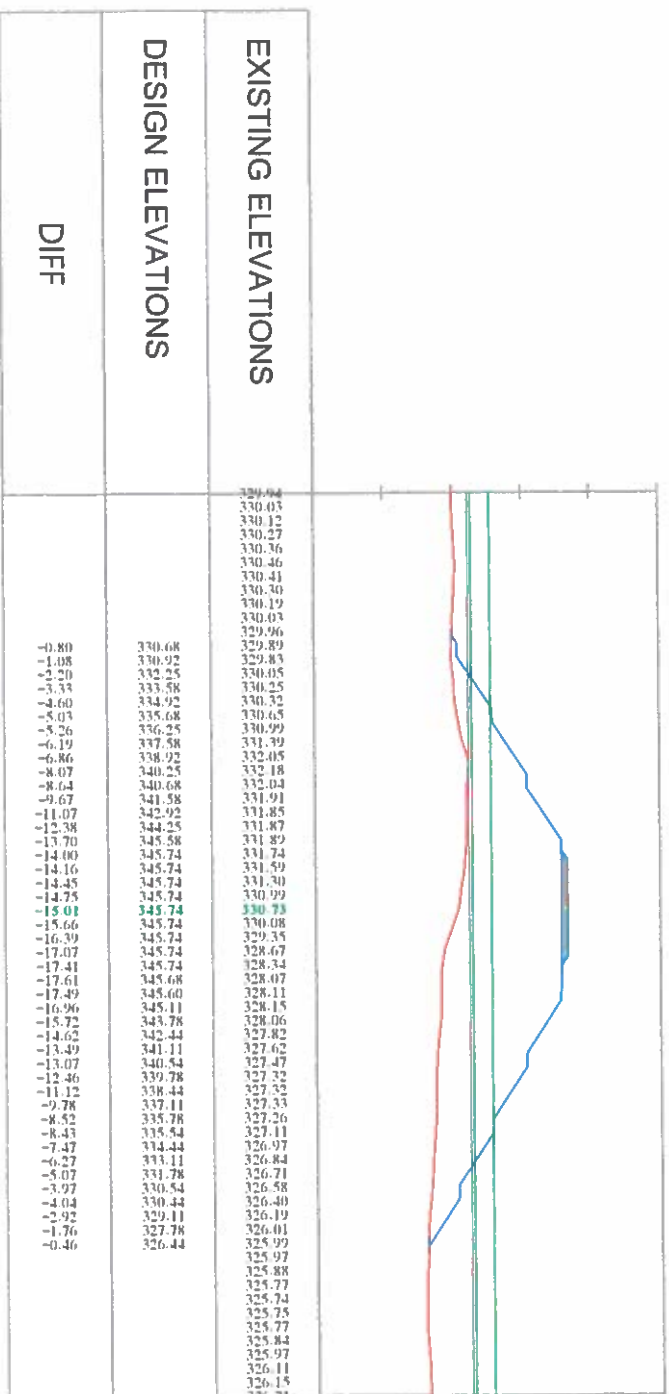
ELRAEID

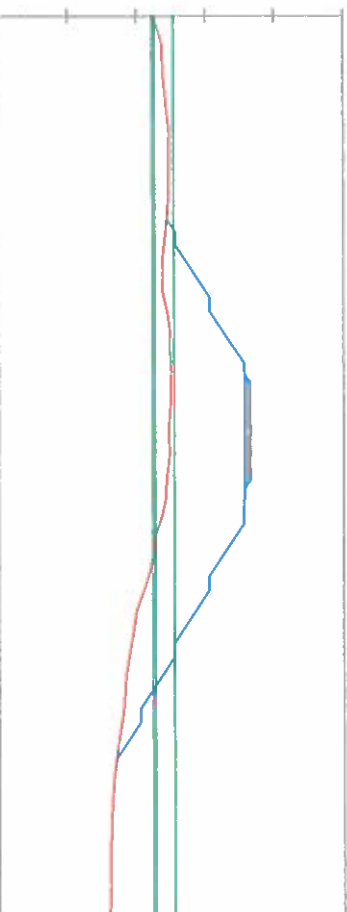


الهيئة العامة
للمساحة والخرائط
El Dawila For Surveying & Maps



444+820.00



$$444 + 840.00$$


Material (F7) in Section 4.4.4.40.00			
Material Name	Area	Volume	Compressive Volume
Material - (1)	0.00	0.00	0.00

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
332.51		
333.09		
333.69		
333.78		
333.87		
334.01		
334.24		
334.46		
334.69		
334.75		
334.73		
333.71		
334.68		
334.62		
334.52		
334.39	334.90	-0.51
334.17	335.66	-1.49
333.94	336.23	-2.29
333.83	337.56	-3.73
333.82	338.90	-5.07
333.82	340.23	-6.41
334.27	340.66	-6.39
334.65	341.56	-6.92
334.84	342.90	-8.05
334.86	344.23	-9.37
334.99	345.56	-10.57
335.00	345.72	-10.72
335.00	345.72	-10.72
334.96	345.72	-10.77
334.81	345.72	-10.91
334.67	345.72	-11.05
334.75	345.72	-10.97
334.73	345.72	-10.99
334.46	345.72	-11.26
334.29	345.72	-11.43
334.11	345.66	-11.55
333.67	345.58	-11.91
333.02	345.09	-12.07
332.59	343.76	-11.17
331.30	342.42	-10.12
331.92	341.09	-9.07
331.50	340.52	-9.23
330.57	339.76	-9.18
329.91	338.42	-8.51
329.61	337.09	-7.48
329.26	335.76	-6.50
328.92	335.52	-6.60
328.59	334.89	-5.84
328.32	333.09	-4.77
328.18	331.76	-3.58
328.02	330.52	-2.50
327.75	330.42	-2.67
327.44	329.09	-1.65
327.14	327.76	-0.61
326.87		
326.60		
326.49		
326.36		
326.25		
326.19		
326.07		
326.05		
326.10		
326.11		
326.02		

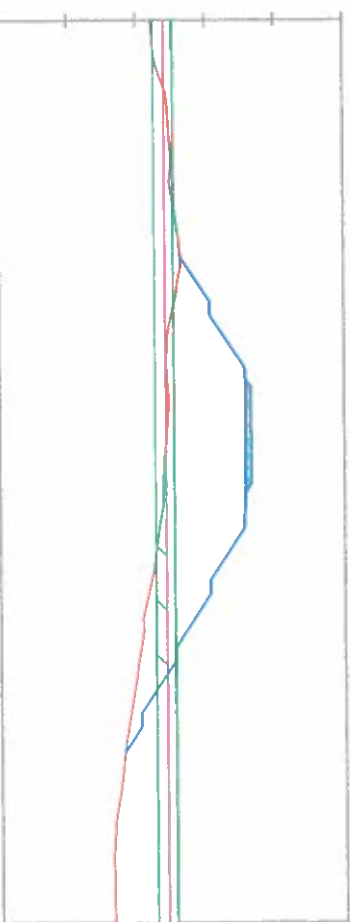
ELGHATY :

ELDAWLIA

ELRAEID CO

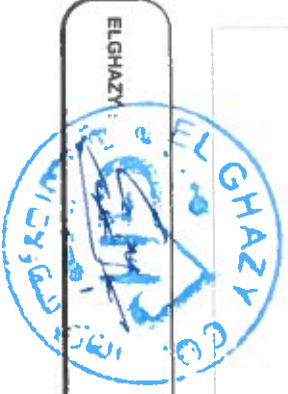
El David For Surveying & maps

444+860.00



Stationed 444+860.00			
Material Name	Area	Volume	Compensated Volume
Material - (1)	35.27	164.63	344.43

EXISTING ELEVATIONS	332.44 332.42 332.68 332.94 333.55 334.28 334.61 334.77 334.89 335.01 335.13 335.03 335.00 335.31 335.61 335.86 336.12 336.32 336.34 335.92 335.71 335.23 334.76 334.45 334.34 334.31 334.44 334.58 334.57 334.47 334.33 334.16 334.01 333.89 333.84 333.79 333.47 333.16 332.82 332.55 332.20 331.74 331.27 330.81 330.75 330.50 330.15 329.86 329.56 329.21 328.86 328.53 328.20 327.93 327.71 327.47 327.17 326.82 326.56 326.42 326.26 326.27 326.38 326.32 326.35
DESIGN ELEVATIONS	337.54 338.88 340.21 340.64 341.54 342.88 344.21 345.54 345.70 345.70 345.70 345.70 345.70 345.70 345.70 345.64 345.56 345.07 343.74 342.40 341.07 340.50 339.74 338.40 337.07 335.74 335.50 334.40 333.07 331.74 330.50 330.40 329.07
DIFF	-1.20 -1.26 -1.50 -1.51 -1.78 -1.42 -1.87 -1.23 -1.26 -1.13 -1.13 -1.23 -1.37 -1.55 -1.69 -1.81 -1.86 -1.84 -1.09 -1.91 -10.85 -8.85 -8.87 -10.50 -8.46 -7.50 -7.22 -7.53 -7.51 -7.91 -7.62 -7.88 -9.86

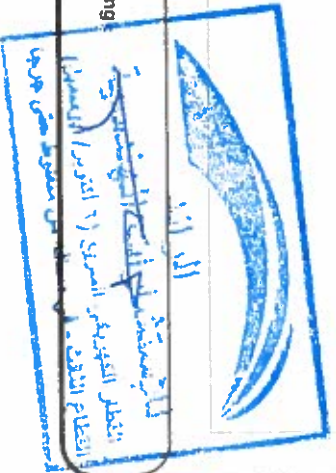


ELGHAZY

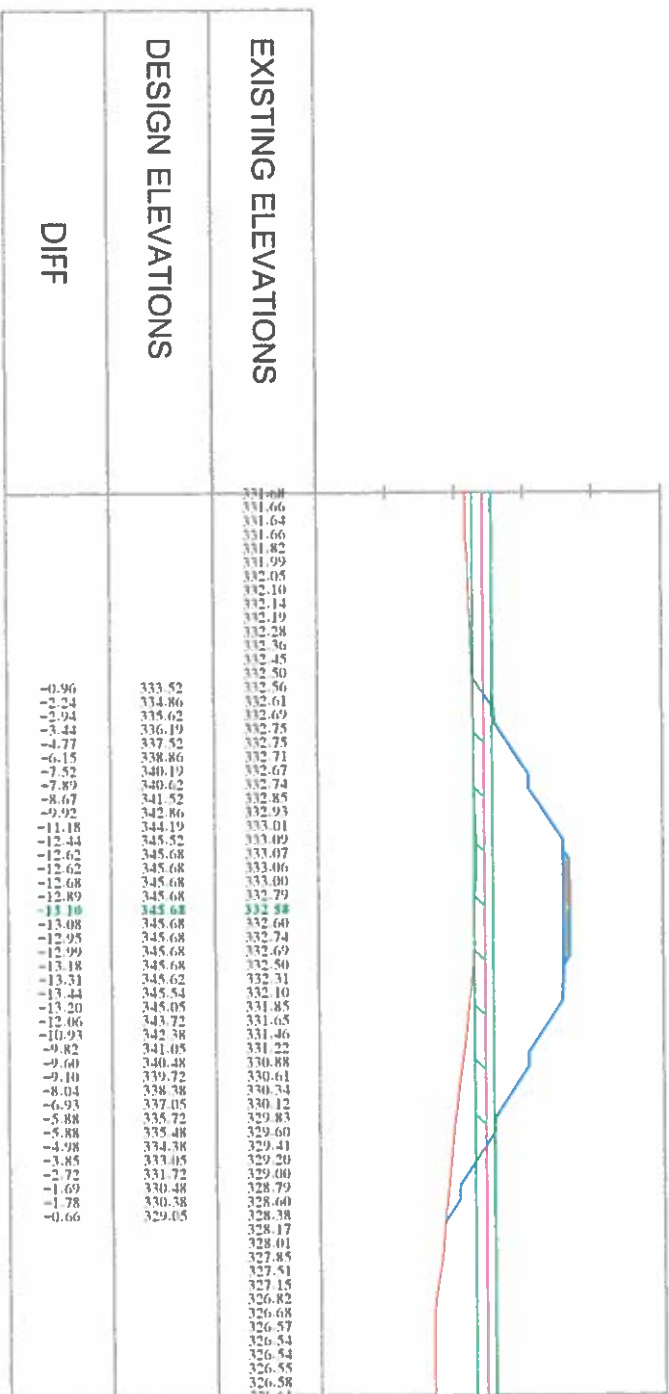
ELDAWLIA

مكتب الدراسات والتصاميم
 El Dawila For Surveying & Maps
 برطس / وسط القاهرة
 10111

ELRAEID Consulting

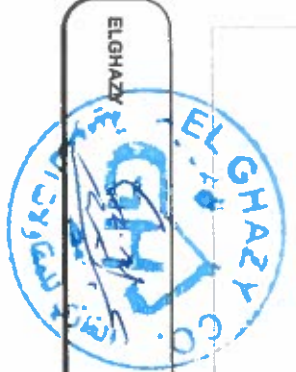


444+880.00



Elevation (m) at Station 444+880.00			
Horizontal Station	Area	Volume	Consolidating Volume
Stationed - (1)	54.58	1127.46	1490.15

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
334.44	333.52	-0.96
334.66	334.86	-2.24
334.64	335.62	-2.94
334.66	336.19	-3.77
334.82	337.52	-7.15
334.99	338.86	-7.52
332.05	340.19	-7.89
332.10	340.62	-8.67
332.14	341.52	-9.92
332.19	342.86	-11.18
332.28	344.19	-12.44
332.36	345.52	-12.62
332.43	345.68	-12.68
332.50	345.68	-12.89
332.56	345.68	-13.10
332.61	345.68	-13.08
332.69	345.68	-12.95
332.75	345.68	-12.99
332.75	345.68	-13.18
332.71	345.62	-13.51
332.67	345.54	-14.14
332.74	345.05	-13.20
332.85	343.72	-12.06
332.93	342.38	-10.93
333.01	341.05	-9.82
333.09	340.48	-8.10
333.07	339.72	-6.93
333.06	338.38	-5.88
333.00	337.05	-5.88
332.79	335.72	-5.98
332.58	335.48	-5.78
332.60	334.38	-5.85
332.74	333.05	-5.72
332.69	331.72	-5.16
332.50	330.48	-4.17
332.31	329.72	-3.78
332.10	328.38	-3.66
331.85	328.60	-3.25
331.65	328.38	-3.27
331.46	328.17	-3.29
331.22	328.01	-3.21
330.88	327.85	-3.03
330.61	327.51	-3.10
330.34	327.15	-3.19
330.12	326.82	-3.30
329.83	326.68	-3.15
329.60	326.57	-3.03
329.41	326.54	-2.87
329.20	326.43	-2.77
329.00	326.55	-2.45
328.79	326.58	-2.21
328.60		
328.38		
328.17		
328.01		
327.85		
327.51		
327.15		
326.82		
326.68		
326.57		
326.54		
326.43		
326.55		
326.58		



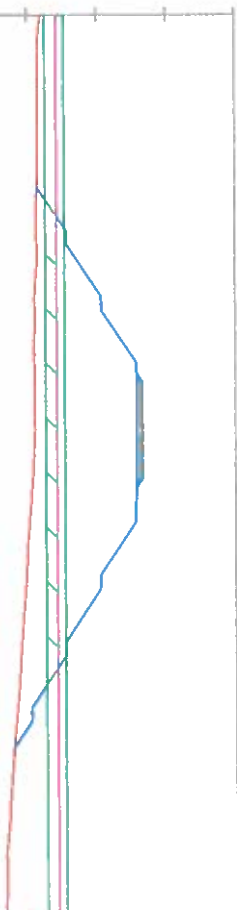
ELDAWILA :

مكتب الدوايلة للمساحة والخرائط
 El Dawila For Surveying & Maps
 المهندس / محمد فتحي السيد سالم

ELRAEID Consulting :

الشركة العامة
 للاستشارات الهندسية
 انشطار الكونكريت السويدي (م. انشطار الكونكريت)
 انشطار الكونكريت السويدي (م. انشطار الكونكريت)

444+900.00



Material (178) of Division 444: 999 000			
Material Name	Area	Volume	Compressive Volume
Material - (1)	101.33	6974.03	1044.17

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
332.05		
331.77		
331.64		
331.62		
331.59		
331.50		
331.47		
331.48		
331.49		
331.51		
331.50		
331.49		
331.48		
331.41		
331.34		
331.27		
331.34		
331.43		
331.38		
331.23		
331.10		
331.03		
331.03		
331.03		
331.00		
330.97		
330.98		
330.98		
331.00		
331.03		
331.06		
331.08		
330.98		
330.90		
330.85		
330.64		
330.52		
330.35		
330.18		
330.03		
329.94		
329.85		
329.72		
329.56		
329.41		
329.27		
329.12		
328.99		
328.87		
328.75		
328.59		
328.41		
328.22		
328.02		
327.84		
327.69		
327.53		
327.38		
327.23		
327.14		
326.95		
326.73		
326.71		
326.75		
326.73		
326.66		
	332.17	-0.76
	333.50	-2.16
	334.84	-3.56
	335.60	-4.26
	336.17	-4.74
	337.50	-6.12
	338.84	-7.61
	340.17	-9.07
	340.60	-9.58
	341.50	-10.47
	342.84	-11.80
	344.17	-13.17
	345.50	-14.54
	345.66	-14.68
	345.66	-14.66
	345.66	-14.64
	345.66	-14.60
	345.66	-14.59
	345.66	-14.68
	345.66	-14.76
	345.66	-14.86
	345.66	-15.02
	345.60	-15.07
	345.52	-15.17
	345.03	-14.85
	343.70	-13.67
	342.36	-12.43
	341.03	-11.18
	340.46	-10.74
	339.70	-10.13
	338.36	-8.95
	337.03	-7.76
	335.70	-6.58
	335.46	-6.48
	334.36	-5.49
	333.03	-4.28
	331.70	-3.10
	330.46	-2.06
	330.36	-2.15
	329.03	-1.01

ELGHAZY

ELDAWLIA :

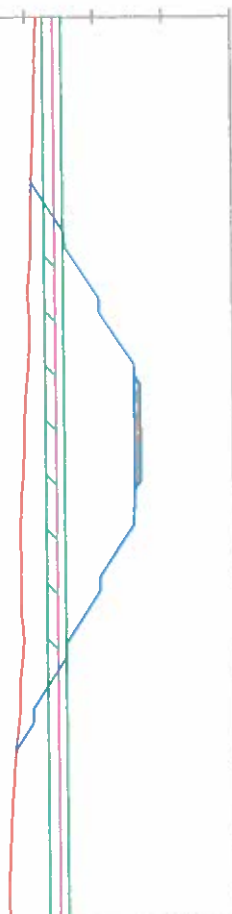
ELRAEID Consulting :

உயர்ப்படிக்கப்பட்டது.

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المستخرج النكاح - في ماله من نفقة من

444+920.00



Material (Fib) as Specimen 440-925 000			
Material Name	Area	Volume	Calculated Volume
Material - (1)	106.28	2026.32	3470.69

[illegible]

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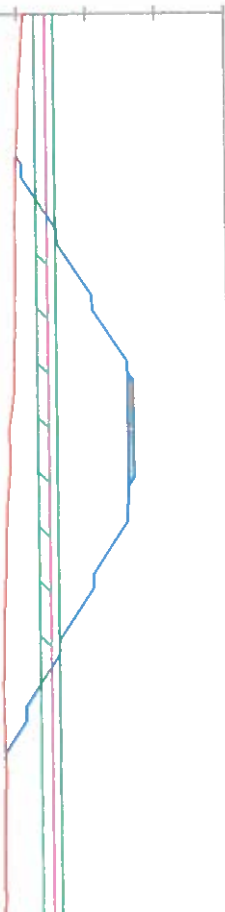
ELDAWLIA:

El Daria For Surveying and Maps

ELRAEID Consulting



444+940.00



Material 15 00, or Division 444-5-20 000		
Material Name	Area	Volume
Material - (1)	101.15	2026.12
		7717.11

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
330.99		
330.82		
330.70		
330.53		
330.38		
330.23		
330.10		
330.03		
329.98		
329.88		
329.78		
329.69		
329.65	330.56	-0.88
329.58	330.80	-1.15
329.50	332.13	-2.55
329.47	333.46	-3.96
329.49	334.80	-5.33
329.51	335.56	-6.07
329.47	336.13	-6.61
329.43	337.46	-7.99
329.35	338.80	-9.37
329.31	340.13	-10.72
329.35	340.56	-11.21
329.33	341.46	-12.14
329.31	342.80	-13.49
329.26	344.13	-14.87
329.26	345.46	-16.21
329.16	345.62	-16.46
329.08	345.62	-16.54
328.93	345.62	-16.69
328.62	345.62	-17.00
328.34	345.62	-17.28
328.38	345.62	-17.24
328.41	345.62	-17.21
328.48	345.62	-17.24
328.20	345.62	-17.42
328.04	345.56	-17.51
327.93	345.48	-17.55
327.84	344.99	-17.15
327.77	343.66	-15.89
327.71	342.32	-14.62
327.64	340.99	-17.38
327.57	340.42	-12.85
327.50	339.66	-12.16
327.42	338.32	-10.90
327.35	336.99	-9.64
327.28	335.66	-8.37
327.24	335.42	-8.19
327.19	334.32	-7.13
327.14	333.99	-6.85
327.11	333.66	-4.54
327.08	330.42	-3.34
327.15	330.32	-3.17
327.21	328.99	-1.78
327.24	327.66	-0.42
327.20		
327.12		
327.05		
327.01		
326.97		
326.28		
327.00		
327.02		
327.04		

ELDAWIA :

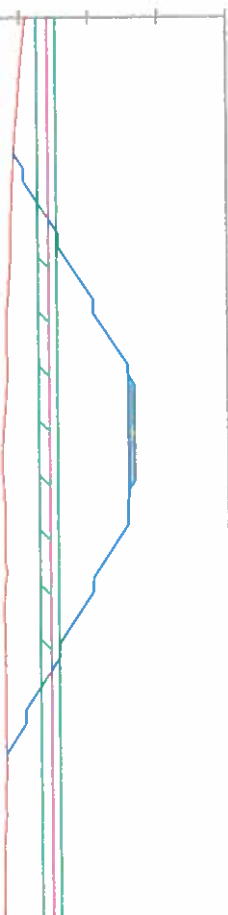
El Daria For Surveying & maps

ELRAEID Consulting

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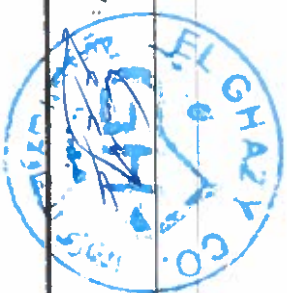
444+960.00



Revised (5th) of Question 444-544 000			
Revised Name	Area	Volume	Counting Volume
Revised - (1)	101 13	2236 13	9783 73

	EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
	330.98		
	330.73		
	330.50		
	328.28		
	330.07		
	329.91		
	329.75		
	329.61		
	329.39		
	329.26		
	329.13		
	329.03		
	328.89		
	328.78		
	328.72		
	328.66		
	328.64		
	328.61		
	328.48		
	328.35		
	328.21		
	328.04		
	327.97		
	327.93		
	327.93		
	327.86		
	327.79		
	327.87		
	327.73		
	327.55		
	327.39		
	327.31		
	327.24		
	327.29		
	327.41		
	327.51		
	327.51		
	327.50		
	327.41		
	327.79		
	327.47		
	327.39		
	327.33		
	327.39		
	327.42		
	327.44		
	327.45		
	327.46		
	327.43		
	327.41		
	327.42		
	327.43		
	327.45		
	327.45		
	327.44		
	327.42		
	327.39		
	327.32		
	327.17		
	327.07		
	327.07		
	327.07		
	327.07		
	327.07		
	327.07		
	327.07		
-0.31		329.44	
-1.51		330.54	
-1.89		330.78	
-3.33		332.11	
-4.72		333.44	
-6.12		334.78	
-6.91		335.54	
-7.50		336.11	
-8.96		337.44	
-10.43		338.78	
-11.90		340.11	
-12.51		340.54	
-13.48		341.44	
-14.85		342.78	
-16.18		344.11	
-17.38		345.44	
-17.61		345.60	
-17.74		345.60	
-17.88		345.60	
-18.05		345.60	
-18.21		345.60	
-18.29		345.60	
-18.37		345.60	
-18.31		345.60	
-18.19		345.60	
-18.03		345.54	
-17.95		345.46	
-17.47		344.97	
-16.13		343.64	
-14.79		342.30	
-13.18		340.77	
-12.94		340.40	
-12.25		339.64	
-10.97		338.30	
-9.58		336.97	
-8.22		335.64	
-7.96		335.40	
-6.85		334.30	
-5.51		332.97	
-4.20		331.64	
-2.99		330.40	
-2.89		330.30	
-1.54		328.97	
-0.19		327.64	

ELGHAZY :



ELDAWLIA :

كتاب الملوحة للشيخ محمد بن عبد الله بن داود
El Davila For Surveying & map

EL

and Consulting:

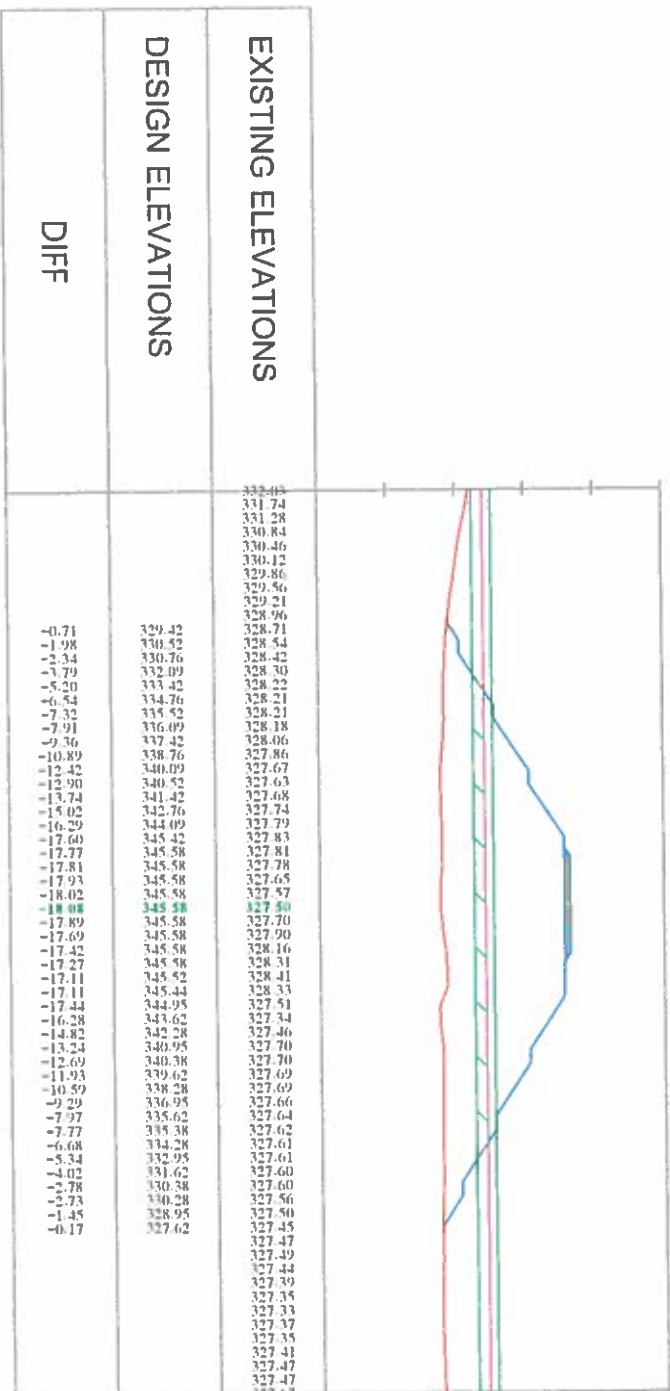




OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manflout - Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



444+980.00



Stationed (m)	Area	Volume	Construction Volume
Stationed - (1)	581.21	205.57	11726.11

EXISTING ELEVATIONS

329.85	329.42
331.74	329.42
331.28	329.42
330.84	329.42
330.46	329.42
330.12	329.42
329.86	329.42
329.56	329.42
329.21	329.42
328.96	329.42
328.71	329.42
328.54	329.42
328.42	329.42
328.30	329.42
328.22	329.42
328.21	329.42
328.21	329.42
328.18	329.42
328.06	329.42
327.86	329.42
327.67	329.42
327.63	329.42
327.68	329.42
327.74	329.42
327.79	329.42
327.83	329.42
327.81	329.42
327.78	329.42
327.65	329.42
327.57	329.42
327.50	329.42
327.70	329.42
327.00	329.42
326.16	329.42
328.31	329.42
328.41	329.42
328.33	329.42
327.51	329.42
327.34	329.42
327.46	329.42
327.70	329.42
327.70	329.42
327.69	329.42
327.66	329.42
327.64	329.42
327.62	329.42
327.61	329.42
327.60	329.42
327.60	329.42
327.56	329.42
327.50	329.42
327.45	329.42
327.47	329.42
327.49	329.42
327.44	329.42
327.39	329.42
327.35	329.42
327.33	329.42
327.37	329.42
327.35	329.42
327.41	329.42
327.47	329.42
327.47	329.42
327.47	329.42

DIFF

9.0.71
9.0.78
9.0.79
9.0.20
9.0.54
9.0.32
9.0.91
9.0.76
10.89
12.42
12.90
13.74
14.02
16.29
17.60
17.77
17.81
17.93
18.02
18.08
17.89
17.69
17.42
17.27
17.11
17.11
17.44
16.28
14.82
13.24
12.69
11.93
10.59
9.29
7.97
6.68
5.34
4.02
2.78
1.53
0.27

ELGHAZY :

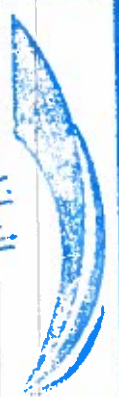


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El Dawila for Surveying & Mapping

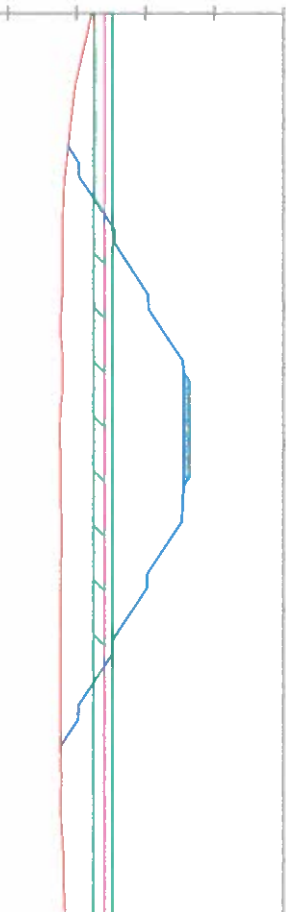
El Dawila for Surveying & Mapping

ELRAEID Consulting



ELRAEID Consulting

445+000.00



Material (°) of Section 4.1.5-000 200		
Material Name	Area	Volume
Material - (1)	10.3 25	1216.52
		11796.77

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
331.77		
331.74		
330.88		
330.42		
329.96		
329.66		
329.42		
329.18		
328.96	329.40	-0.44
328.74	330.50	-1.98
328.52	330.74	-2.43
328.30	332.07	-3.88
328.19	333.40	-5.30
328.10	334.74	-6.72
328.01	335.50	-7.51
328.00	336.07	-8.04
328.03	337.40	-9.36
328.04	338.74	-10.71
328.02	340.07	-12.07
328.00	340.50	-12.62
327.88	341.40	-13.65
327.75	342.74	-14.99
327.74	344.07	-16.18
327.89	345.40	-17.37
327.83	345.56	-17.56
327.90	345.56	-17.59
327.97	345.56	-17.71
327.86	345.56	-17.85
327.72	345.56	-17.97
327.59	345.56	-17.93
327.63	345.56	-17.83
327.73	345.56	-17.83
327.74	345.56	-17.83
327.75	345.56	-17.82
327.76	345.50	-17.73
327.76	345.42	-17.58
327.83	344.93	-17.03
327.90	343.60	-15.68
327.91	342.26	-14.41
327.85	340.93	-13.16
327.77	340.76	-12.60
327.77	339.60	-11.83
327.76	338.26	-10.50
327.78	336.93	-9.15
327.79	335.60	-7.80
327.77	335.36	-7.59
327.75	334.26	-6.51
327.77	332.93	-5.16
327.73	331.60	-3.86
327.75	330.36	-2.61
327.75	330.26	-2.51
327.75	328.93	-1.18
327.75		
327.75		
327.79		
327.85		
327.83		
327.82		
327.83		
327.92		
328.07		
328.13		
328.16		
328.21		
328.33		

ELGHAZY



ELDAWLIA :

El Diario For Survivors

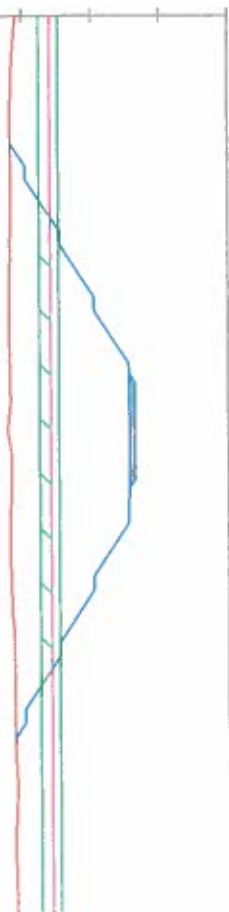
ELRAEID

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Resulting in a 10% increase in the number of people who are able to access the internet.

445+040.00



Material (F20) as Supplier 441 10-20 000			
Material Name	Area	Volume	Customer's Volume
Material - 111	101.15	2016.12	17849.80

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
329.43		
328.96		
328.80		
328.65		
328.52		
328.45		
328.38		
328.33		
328.31		
328.29		
328.29	329.36	-1.07
328.29	330.46	-2.17
328.30	330.70	-2.40
328.31	332.03	-3.72
328.32	333.36	-5.05
328.31	334.70	-6.39
328.26	335.46	-7.20
328.21	336.03	-7.82
328.19	337.36	-9.17
328.15	338.70	-10.55
328.11	340.03	-11.92
328.07	340.46	-12.39
328.04	341.36	-13.33
328.06	342.70	-14.64
328.10	344.03	-15.93
328.20	345.36	-17.23
328.17	345.52	-17.36
328.21	345.52	-17.31
328.22	345.52	-17.31
328.03	345.52	-17.49
327.84	345.52	-17.68
328.19	345.52	-17.34
328.19	345.52	-17.09
328.38	345.52	-17.14
328.31	345.52	-17.22
328.29	345.46	-17.17
328.17	345.38	-17.20
328.17	344.89	-16.72
328.18	343.56	-15.38
328.20	342.22	-14.02
328.33	340.89	-12.66
328.30	340.32	-12.02
328.37	339.56	-11.19
328.43	338.22	-9.79
328.55	336.89	-8.34
328.72	335.56	-6.84
328.70	333.32	-6.62
328.68	331.02	-5.54
328.66	332.89	-2.23
328.65	331.56	-2.90
328.69	330.32	-1.64
328.73	330.22	-1.49
328.75	328.89	-0.14
328.76		
328.88		
329.01		
329.02		
328.94		
328.85		
328.76		
328.70		
328.76		
328.83		
328.86		
328.84		

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ELDAWLIA

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ELRAEID Consulting



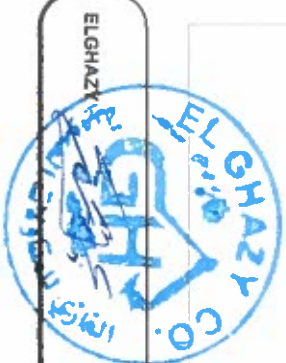
OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfiout - Gerga)
Al-Ghazl Contracting Company Section From Station 444+770 To 445+800



445+080.00

EXISTING ELEVATIONS	328.48 328.48 328.53 328.58 328.61 328.60 328.60 328.60 328.61 328.60 328.60 328.60 328.61 328.64 328.67 328.70 328.74 328.77 328.80 328.81 328.79 328.79 328.78 328.77 328.73 328.73 328.72 328.72 328.69 328.60 328.39 328.17 327.28 327.92 328.04 328.16 328.24 328.35 328.46 328.50 328.48 328.50 328.51 328.53 328.50 328.46 328.71 328.95 329.14 329.14 329.25 329.40 329.51 329.58 329.65 329.58 329.60 329.68 329.70 329.71 329.78 329.81 329.80 329.82
DESIGN ELEVATIONS	329.32 330.42 330.66 331.99 333.32 334.66 335.42 335.99 337.32 338.66 339.99 340.42 341.32 342.66 343.99 345.32 345.48 345.48 345.48 345.48 345.48 345.48 345.48 345.42 345.34 344.85 343.52 342.18 340.85 340.28 339.52 338.18 336.85 335.52 334.28 334.18 333.71 331.52 330.28 330.18
DIFF	-0.72 -1.82 -2.05 -3.35 -3.66 -5.96 -6.68 -7.22 -8.53 -9.85 -11.20 -11.63 -12.54 -13.89 -15.25 -16.60 -16.76 -16.76 -16.79 -16.88 -17.10 -17.31 -17.51 -17.57 -17.44 -17.26 -17.10 -16.50 -15.06 -13.68 -12.37 -11.78 -11.00 -9.65 -8.35 -7.05 -6.57 -5.23 -3.71 -2.38 -1.15 -0.93

Station (770) of Station 445+800.00			
Original Station	445	Station	445+800.00
Station - (1)	120.23	Station	21162.84



ELGHAZY

ELDAWILA :

ELRAEID Consulting

El Dawila For Surveying & Maps

إدارة المساحة والخرائط



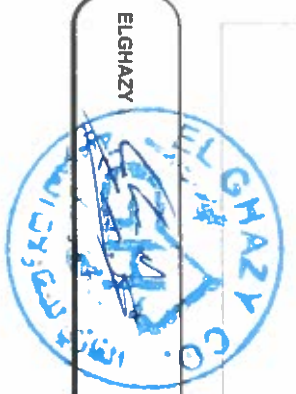
المهندس

للإستشارات الهندسية
المساحة والخرائط
والهندسة المدنية
والهندسة المعمارية
والهندسة الجيوتقنية
والهندسة البيئية
والهندسة الكهربائية
والهندسة الميكانيكية
والهندسة الكيميائية
والهندسة النووية
والهندسة الفضائية
والهندسة البحرية
والهندسة الجوية
والهندسة الطبية
والهندسة الزراعية
والهندسة الصناعية
والهندسة العسكرية
والهندسة المدنية
والهندسة المعمارية
والهندسة الجيوتقنية
والهندسة البيئية
والهندسة الكهربائية
والهندسة الميكانيكية
والهندسة الكيميائية
والهندسة النووية
والهندسة الفضائية
والهندسة البحرية
والهندسة الجوية
والهندسة الطبية
والهندسة الزراعية
والهندسة الصناعية
والهندسة العسكرية

445+120.00

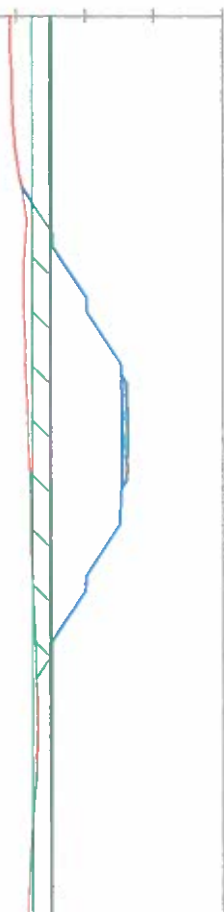
EXISTING ELEVATIONS	328.94 328.93 328.87 328.85 328.85 328.93 329.00 329.08 329.29 329.50 329.63 329.69 329.75 329.79 329.87 329.96 330.19 330.57 330.66 330.66 330.77 330.85 330.95 331.16 331.26 331.29 331.53 331.50 331.31 331.22 331.22 331.18 331.07 331.02 331.17 331.28 331.19 331.02 330.99 331.06 331.11 331.10 331.09 331.08 331.06 331.06 331.07 331.13 331.17 331.16 331.14 331.14 331.13 331.12 331.09 331.07 331.02 330.97 330.91 330.88 330.87 330.83 330.83 330.80 330.77 330.77
DESIGN ELEVATIONS	330.32 330.56 331.89 333.23 334.56 335.32 335.89 337.23 338.56 339.89 340.32 341.23 342.56 343.89 345.23 345.38 345.39 345.41 345.43 345.44 345.43 345.41 345.37 345.39 345.38 345.31 345.23 344.75 344.42 342.09 340.75 340.18 339.42 338.09 336.75 335.42 335.18 334.09 332.75 331.16
DIFF	-0.62 -0.81 -2.11 -3.35 -4.60 -5.12 -5.32 -6.59 -7.90 -9.12 -9.47 -10.27 -11.40 -12.61 -13.84 -13.85 -13.90 -14.10 -14.20 -14.23 -14.25 -14.34 -14.37 -14.21 -14.03 -14.04 -13.74 -12.43 -11.02 -9.65 -8.08 -8.33 -7.01 -5.70 -4.36 -3.11 -2.96 -1.77 -2.26

Station	Station	Station	Station
444+770	445+120.00	445+120.00	445+120.00



مكتب التوثيق الهندسي والخرائط
 El Dawila For Surveying & Maps
 مكتب / مكتب توثيق الخرائط

الهيئة العامة للقناة
 Suez Canal Authority
 الهيئة العامة للقناة
 Suez Canal Authority

$$445 + 140.00$$


Material (T ₁) at Pressure 445 ± 1 MPa (60)		
Material Name	Area	Volume
Material - (1)	159.38	2564.56
		28337.90

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
329.12		
329.14		
329.17		
329.21		
329.33		
329.39		
329.44		
329.50		
329.74		
329.99		
330.30		
330.68		
331.09	331.82	-0.73
331.37	333.15	-1.78
331.57	334.48	-2.91
331.44	335.23	-3.79
331.30	335.82	-4.52
331.20	337.15	-5.95
331.22	338.48	-7.27
331.14	339.82	-8.68
331.14	340.23	-9.08
331.21	341.15	-9.94
331.28	342.48	-11.21
331.32	343.82	-12.50
331.35	345.15	-13.80
331.42	345.29	-13.87
331.53	345.33	-13.79
331.65	345.36	-13.71
331.73	345.39	-13.66
331.78	345.42	-13.65
331.82	345.39	-13.58
331.86	345.36	-13.50
332.00	345.33	-13.33
332.08	345.29	-13.22
332.12	345.22	-13.10
332.15	345.14	-12.99
332.16	344.68	-12.51
332.15	343.34	-11.20
332.22	342.01	-9.79
332.33	340.68	-8.35
332.44	340.09	-7.65
332.55	339.34	-6.80
332.65	338.01	-5.36
332.77	336.68	-3.91
332.88	335.34	-2.46
332.92	335.09	-2.17
332.94		
332.97	334.01	-1.07
333.05		
333.11		
333.09		
333.08		
333.04		
332.96		
332.88		
332.74		
332.58		
332.42		
332.21		
332.09		
332.01		
331.93		
331.85		
331.78		

ELGHAZY

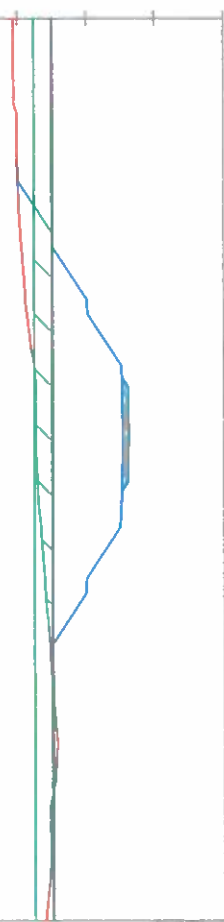


ELDAWLIA :

El Davila For Surveying & maps

ELRAEID Con

445+160.00

		329.46 329.49 329.51 329.50 329.48 329.46 329.44 329.94 330.00 329.97 329.94 330.00 330.07 330.15 330.22 330.36 330.51 330.66 330.80 330.96 331.11 331.26 331.50 331.73 331.97 332.42 332.60 332.67 332.60 332.64 332.66 332.68 332.77 332.84 332.92 333.05 333.26 333.43 333.55 333.71 333.87 333.98 334.10 334.31 334.51 334.65 334.76 334.86 334.98 335.15 335.32 335.48 335.65 335.58 335.49 335.41 334.96 334.61 334.66 334.74 334.67 334.74 334.55 334.74 333.44
EXISTING ELEVATIONS		329.46 329.49 329.51 329.50 329.48 329.46 329.44 329.94 330.00 329.97 329.94 330.00 330.07 330.15 330.22 330.36 330.51 330.66 330.80 330.96 331.11 331.26 331.50 331.73 331.97 332.42 332.60 332.67 332.60 332.64 332.66 332.68 332.77 332.84 332.92 333.05 333.26 333.43 333.55 333.71 333.87 333.98 334.10 334.31 334.51 334.65 334.76 334.86 334.98 335.15 335.32 335.48 335.65 335.58 335.49 335.41 334.96 334.61 334.66 334.74 334.67 334.74 334.55 334.74 333.44
DESIGN ELEVATIONS		330.14 330.41 331.74 333.07 334.41 335.14 335.74 337.07 338.41 339.74 340.14 341.07 342.41 343.74 345.07 345.12 345.26 345.31 345.35 345.40 345.35 345.31 345.26 345.21 345.14 345.06 344.60 343.27 341.93 340.60 340.00 339.27 337.93 336.60 335.27 335.00
DIFF		-0.14 -0.34 -1.59 -2.85 -4.05 -4.63 -5.08 -6.27 -7.45 -8.63 -8.88 -9.58 -10.68 -11.77 -12.66 -12.61 -12.59 -12.71 -12.71 -12.74 -12.67 -12.53 -12.42 -12.29 -12.08 -11.80 -11.17 -9.72 -8.22 -9.72 -9.02 -5.17 -3.63 -2.09 -0.62 -0

Station	From	To	Station
444+770	444+770	445+800	445+800



ELGHAZY :

ELDAWILA :

ELRAEID :

مكتب الدوائية للمساحة والخرائط
 El Dawila For Surveying & Maps
 مهندس / محمد فهد السيد سالم

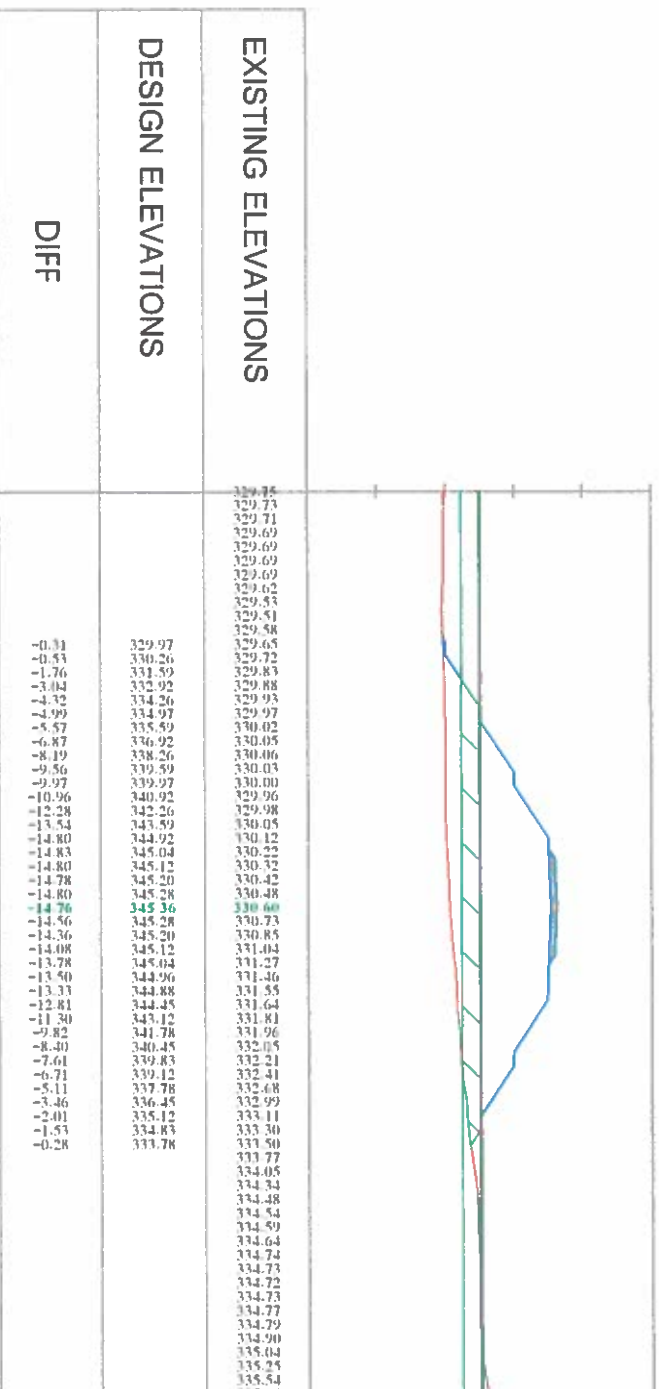
المهندس / محمد فهد السيد سالم
 ELRAEID Consulting
 مهندس / محمد فهد السيد سالم



OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manflout - Gerga)
Al-Ghaz Contracting Company Section From Station 444+770 To 445+800



445+200.00

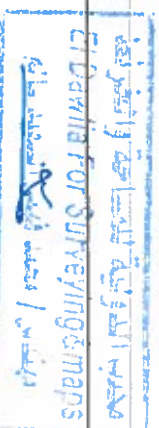


Elevation (P.M) of Station 445+200.00				
Stationed - (M)	Area	Volume	Compensation Volume	
Stationed - (M)	113.94	2211.11	14443.71	

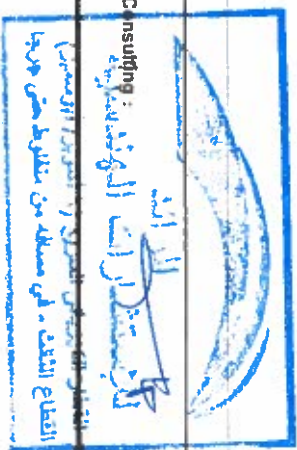
ELGHAZY :



ELDAWILA :



ELRAEID Consulting :

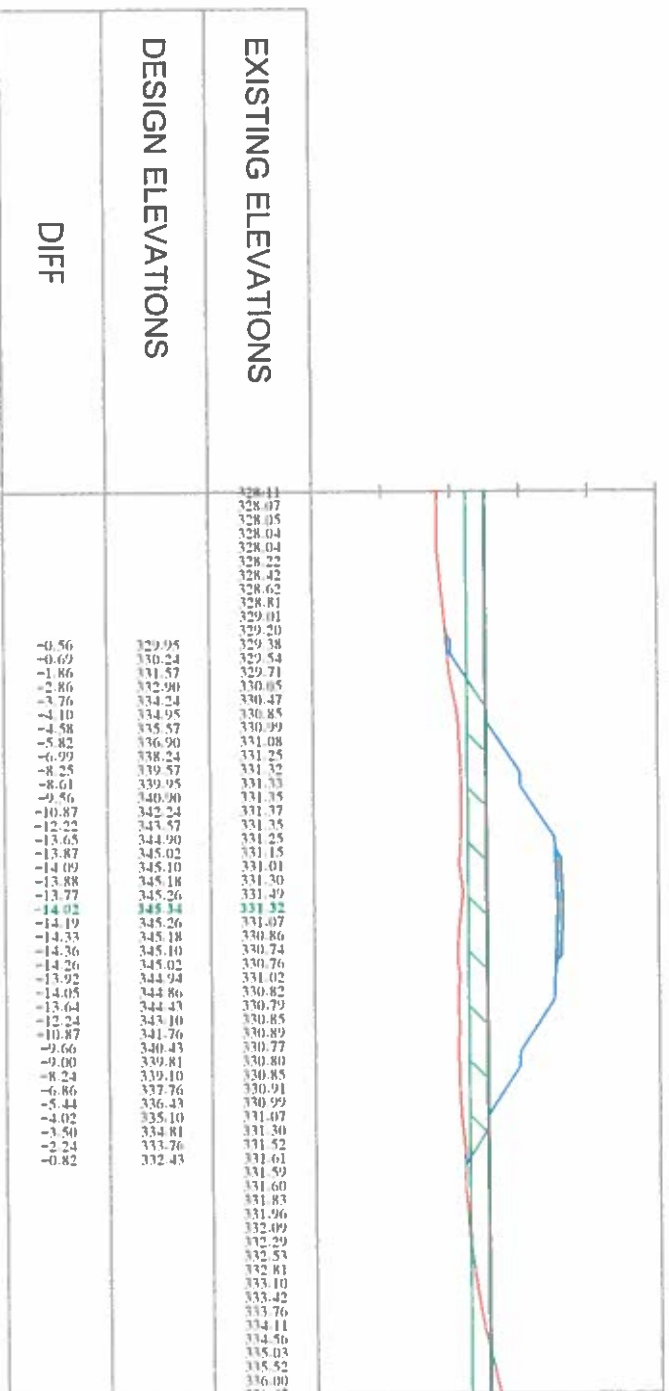




OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfout - Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



445+220.00



Stationed / From Station 444+770 to			
Stationed - To	From	Stationed - To	From
444+770	444+770	444+770	444+770

ELGHAZY :

ELDAWILA :

ELRAEID Consulting





OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfout – Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



445+240.00

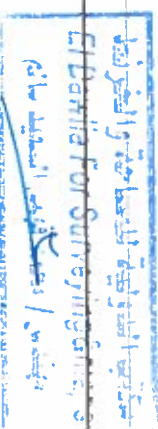
Stationed (TBM) at Station 444+240.00				
Stationed (TBM) at Station 444+240.00	Station	Volume	Stationed (TBM) at Station 444+240.00	Stationed (TBM) at Station 444+240.00
Stationed (TBM) at Station 444+240.00	Station	Volume	Stationed (TBM) at Station 444+240.00	Stationed (TBM) at Station 444+240.00

EXISTING ELEVATIONS	328.17 328.15 328.13 328.10 328.07 328.04 327.98 327.92 327.95 328.20 328.33 328.37 328.47 328.85 329.04 329.18 329.29 329.78 330.44 331.06 331.98 332.75 333.39 333.86 334.12 334.18 334.21 334.25 334.22 334.18 334.21 334.10 333.99 333.89 333.77 333.58 333.38 333.19 332.94 332.65 332.36 332.17 331.96 331.81 331.78 331.77 331.75 331.74 331.78 331.81 331.85 331.85 331.81 331.75 331.71 331.64 331.62 331.70 331.83 332.04 332.35 333.02 333.70 334.27 334.52	DESIGN ELEVATIONS	328.88 329.93 330.22 331.55 332.88 334.22 334.93 335.55 336.88 338.22 339.55 339.93 340.88 342.22 345.55 344.88 345.00 345.08 345.16 345.24 345.32 345.24 345.16 345.08 345.00 344.92 344.84 344.41 343.08 341.74 340.41 339.79 339.48 337.74 336.41 335.08 334.79 333.74 332.41	DIFF	-0.56 -1.45 -1.56 -2.70 -3.84 -5.04 -5.64 -5.77 -6.44 -7.15 -7.57 -7.17 -7.49 -8.35 -9.43 -10.70 -10.80 -10.83 -10.94 -11.07 -11.11 -11.14 -11.17 -11.19 -11.24 -11.34 -11.46 -11.22 -10.14 -9.09 -7.61 -7.12 -5.93 -4.63 -3.31 -3.03 -2.01 -0.63
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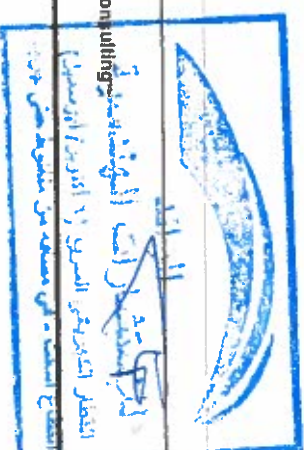
ELGHAZY :



ELDAWLA :



ELRAEID :

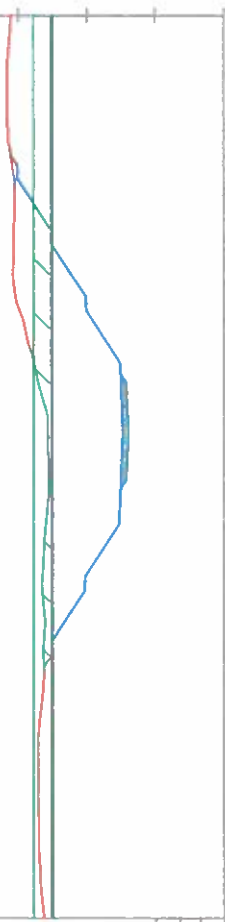




OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Mantlout - Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800

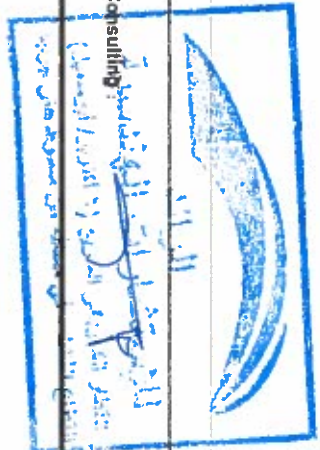


445+260.00



Stationing	Right of Station	Left of Station
444+770	444+770	444+770
444+800	444+800	444+800

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
328.83	329.91	7.08
328.70	330.20	7.50
328.53	331.53	7.99
328.43	332.86	8.43
328.38	334.20	8.82
328.37	334.91	9.54
328.31	335.53	9.22
328.49	336.86	9.37
328.47	338.20	9.73
328.74	339.53	10.79
329.25	339.91	11.66
329.57	340.86	11.29
329.47	342.20	12.73
329.47	343.53	14.06
329.43	344.86	15.43
329.39	344.98	15.59
329.34	345.06	15.72
329.30	345.14	15.84
329.27	345.22	15.95
329.58	345.30	15.72
330.01	345.38	15.37
330.75	345.48	14.73
331.19	345.56	14.37
331.72	345.64	13.92
332.32	345.72	13.40
332.77	345.80	13.03
333.27	345.88	12.61
333.87	345.96	12.09
334.39	346.04	11.65
334.98	346.12	11.14
335.53	346.20	10.67
336.06	346.28	10.22
336.57	346.36	9.79
337.06	346.44	9.38
337.54	346.52	8.98
338.00	346.60	8.60
338.45	346.68	8.23
338.88	346.76	7.88
339.29	346.84	7.55
339.68	346.92	7.24
340.06	347.00	6.94
340.43	347.08	6.65
340.79	347.16	6.37
341.14	347.24	6.10
341.48	347.32	5.84
341.81	347.40	5.59
342.13	347.48	5.35
342.44	347.56	5.12
342.74	347.64	4.90
343.03	347.72	4.69
343.31	347.80	4.49
343.58	347.88	4.30
343.84	347.96	4.12
344.09	348.04	3.95
344.33	348.12	3.79
344.56	348.20	3.64
344.78	348.28	3.50
345.00	348.36	3.36
345.20	348.44	3.24
345.39	348.52	3.13
345.56	348.60	3.04
345.72	348.68	2.96
345.87	348.76	2.89
346.00	348.84	2.84
346.12	348.92	2.80
346.23	349.00	2.77
346.33	349.08	2.75
346.42	349.16	2.74
346.50	349.24	2.74
346.57	349.32	2.75
346.63	349.40	2.77
346.68	349.48	2.80
346.72	349.56	2.84
346.75	349.64	2.89
346.77	349.72	2.95
346.78	349.80	3.02
346.78	349.88	3.10
346.77	349.96	3.19
346.75	350.04	3.29
346.72	350.12	3.40
346.68	350.20	3.52
346.63	350.28	3.65
346.57	350.36	3.79
346.50	350.44	3.94
346.42	350.52	4.10
346.33	350.60	4.27
346.23	350.68	4.45
346.12	350.76	4.64
346.00	350.84	4.84
345.87	350.92	5.05
345.72	351.00	5.28
345.56	351.08	5.52
345.39	351.16	5.77
345.20	351.24	6.04
345.00	351.32	6.32
344.78	351.40	6.62
344.56	351.48	6.92
344.33	351.56	7.23
344.09	351.64	7.55
343.84	351.72	7.88
343.58	351.80	8.22
343.31	351.88	8.57
343.03	351.96	8.93
342.74	352.04	9.30
342.44	352.12	9.68
342.13	352.20	10.07
341.81	352.28	10.47
341.48	352.36	10.88
341.14	352.44	11.30
340.79	352.52	11.73
340.43	352.60	12.17
340.06	352.68	12.62
339.68	352.76	13.08
339.29	352.84	13.55
338.88	352.92	14.04
338.45	353.00	14.55
338.00	353.08	15.08
337.54	353.16	15.62
337.06	353.24	16.18
336.57	353.32	16.75
336.06	353.40	17.34
335.53	353.48	17.95
334.98	353.56	18.58
334.39	353.64	19.25
333.75	353.72	19.97
333.06	353.80	20.74
332.32	353.88	21.56
331.53	353.96	22.43
330.68	354.04	23.36
329.78	354.12	24.34
328.83	354.20	25.37



EL-GHAZY :

ELDAWILA :

EL-RAEID CONSULTING :

445+280.00

EXISTING ELEVATIONS	329.18	329.25	330.18
	329.15	330.20	331.51
DESIGN ELEVATIONS	329.81	330.25	332.84
	329.85	330.14	334.18
DIFF	329.51	330.04	334.89
	329.18	330.14	335.51
	329.02	330.70	336.84
	329.13	331.03	338.18
	329.42	331.36	339.51
	329.79	331.70	339.89
	329.53	332.03	340.84
	329.70	332.37	342.18
	330.25	333.75	343.51
	330.20	334.98	344.84
	330.14	335.33	344.96
	330.70	335.69	345.04
	331.03	336.05	345.12
	331.36	336.29	345.20
	331.70	336.42	345.28
	332.03	336.55	345.20
	332.37	336.68	345.12
	333.75	336.73	345.04
	334.98	336.70	344.88
	335.33	336.52	344.80
	335.69	336.25	344.37
	336.05	335.98	343.04
	336.29	335.78	341.70
	336.42	335.61	340.37
	336.55	335.43	339.75
	336.68	335.30	339.04
	336.73	335.45	337.70
	336.70	335.60	336.37
	336.52	335.75	
	336.25	335.71	
	335.98	335.58	
	335.78	335.43	
	335.61	335.22	
	335.43	334.98	
	335.30	334.96	
	335.45	335.08	
	335.60	335.12	
	335.75	335.12	
	335.90	335.08	
	336.04	335.04	
	336.18	335.01	
	336.32	334.87	
	336.46	334.72	
	336.60	334.61	
	336.74	334.40	
	336.88	334.14	
	337.02	333.97	
	337.16	333.93	
	337.30	333.79	
	337.44	333.64	

Manflout (1/80) at Station 445+180.00			
Manflout Name	Area	Volume	Construction Volume
Manflout - (1)	44.73	1143.80	41821.15

ELGHAZY :

ELDAWILA :

ELRAEID Consulting :



El Dawia For Surveying & Maps



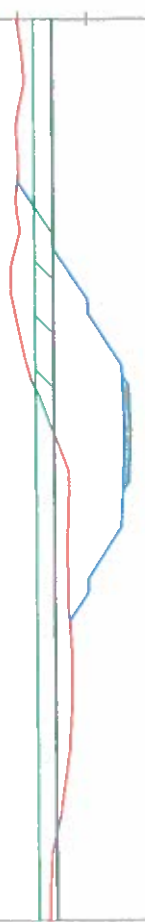


OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfouf - Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



445+300.00

Material (Kg) at Station 445+800.00			
Material Name	Area	Volume	Consolidation Volume
Material - (1)	64.04	1147.73	4701.11



EXISTING ELEVATIONS	329.82 330.15 330.47 330.68 330.83 330.72 330.28 329.89 329.68 329.79 329.89 329.96 329.79 329.58 329.69 330.08 329.83 329.28 328.77 328.78 328.87 329.27 329.69 330.12 330.55 331.03 331.59 332.44 333.60 334.18 334.95 335.72 336.50 337.02 337.00 336.96 336.90 336.80 336.74 336.77 336.79 336.80 336.80 336.94 337.06 337.17 337.28 337.26 337.23 337.23 337.20 337.09 336.95 336.80 336.51 336.23 335.93 335.63 335.26 334.77 334.29 334.16 334.03 333.88 333.88
DESIGN ELEVATIONS	330.16 331.49 332.82 334.16 334.87 335.49 336.82 336.16 339.49 339.87 340.82 342.16 343.49 344.82 344.94 345.02 345.10 345.18 345.26 345.18 345.10 345.02 344.94 344.86 344.78 344.35 343.02 341.68 340.35 339.73 339.02 337.68
DIFF	-0.37 -1.91 -3.14 -4.08 -5.03 -6.21 -8.05 -9.38 -10.62 -10.59 -11.13 -12.04 -12.94 -13.79 -13.35 -12.42 -11.66 -11.00 -10.32 -9.46 -8.60 -7.94 -7.90 -7.88 -7.55 -6.27 -4.91 -3.36 -2.93 -2.21 -0.74

ELGHAZY :



ELDAWILA :

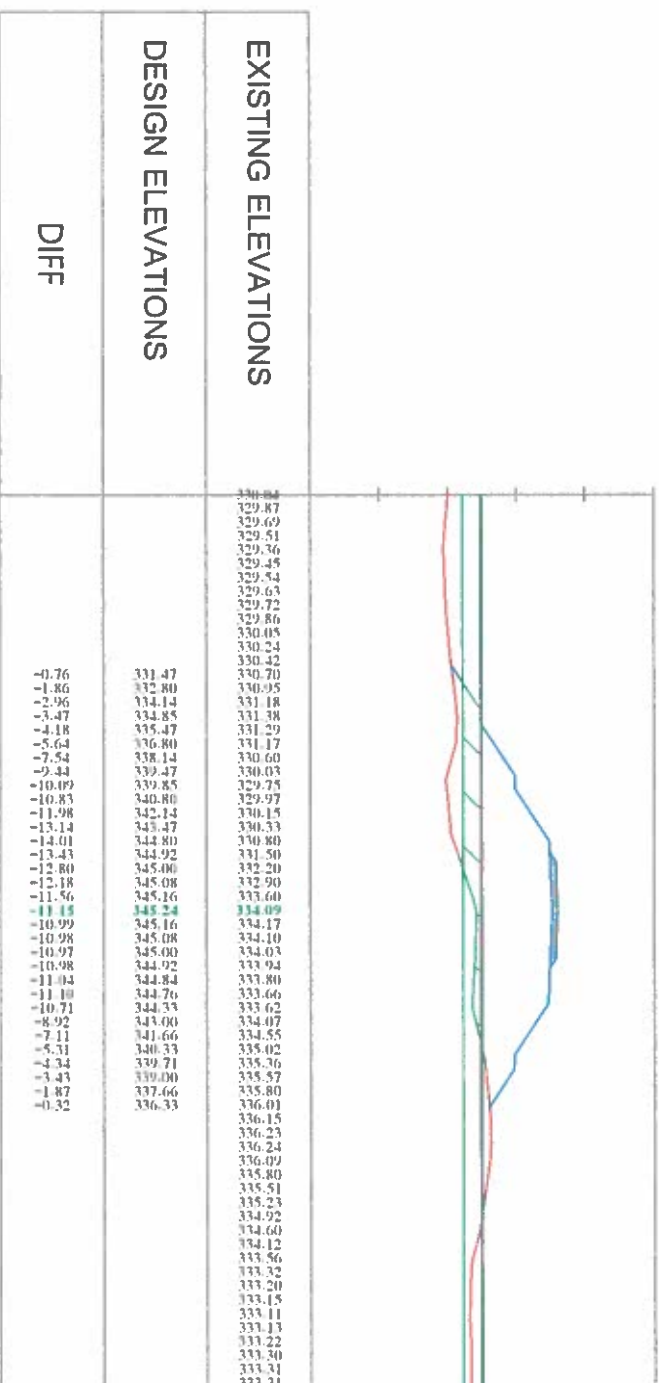


ELRAEID consulting :



445+320.00

Station	Area	Volume	Construction Volume
Stationed - (1)	54.47	1133.31	4233.54



ELGHAZY :

ELDAWILA :

El Dawila For Surveying & Maps

ELRAEID

El Dawila For Surveying & Maps



OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfout - Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



445+340.00

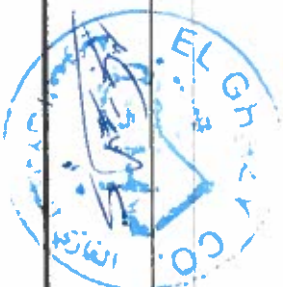
EXISTING ELEVATIONS	329.61 329.65 329.71 329.77 329.81 329.80 329.80 329.78 329.76 329.65 329.56 329.47 329.51 329.66 329.80 329.81 330.01 330.67 331.24 331.41 331.46 331.16 330.86 330.75 330.80 330.85 330.90 330.95 331.02 331.13 331.25 331.35 331.43 331.51 331.59 331.64 331.64 331.65 331.74 331.94 332.02 332.10 332.19 332.31 332.43 332.42 332.35 332.27 332.22 332.28 332.33 332.37 332.42 332.51 332.69 332.85 332.99 333.13 333.13 333.11 333.08 333.05 332.94 332.82 332.74 332.62
DESIGN ELEVATIONS	329.83 330.12 331.45 332.78 334.12 334.83 335.45 336.78 338.12 339.45 339.83 340.78 342.12 343.45 344.78 344.90 344.98 345.06 345.14 345.22 345.14 345.06 344.98 344.90 344.82 344.74 344.31 342.98 341.64 340.31 339.69 338.98 337.64 336.31 334.98 334.69 333.64 332.31
DIFF	-0.35 -0.61 -1.79 -2.99 -4.31 -4.82 -4.78 -5.54 -6.70 -7.99 -8.67 -9.93 -11.37 -12.65 -13.94 -14.80 -14.03 -14.04 -14.01 -13.98 -13.79 -13.63 -13.47 -13.32 -13.18 -13.10 -12.66 -11.23 -9.70 -8.29 -7.58 -6.78 -5.33 -3.88 -2.55 -2.34 -1.37 -0.07

Station (TBM) at Station 445+340.00			
Station Name	445	Station	445+340.00
Station - (1)	131.00	Station - (2)	131.00

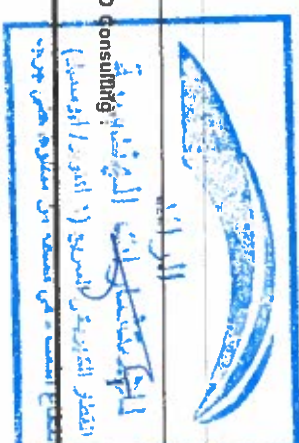
ELGHAZY :

ELDAWILA :

ELRAEID :



مكتب المراجعة والمساحة
El Dawila For Surveying & Maps
مهندسين / مهندسين المساحة والبناء



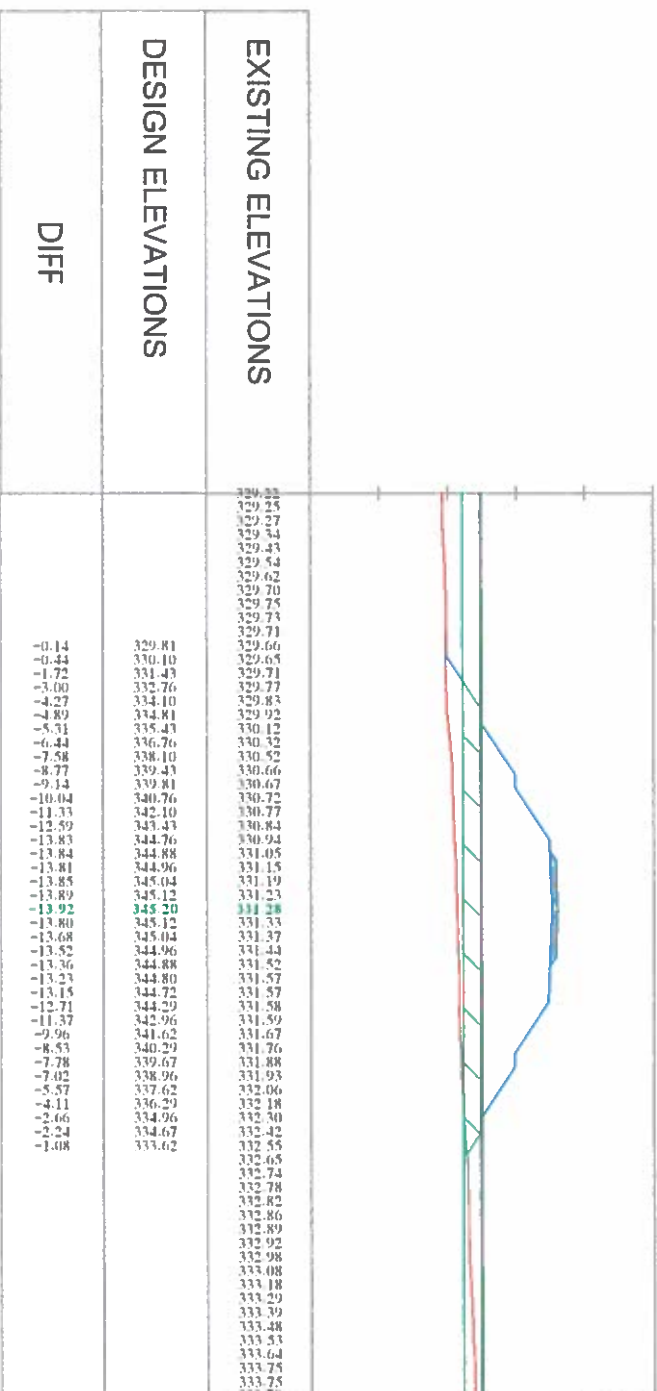


OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfouf – Gerga)

Al-Ghazal Contracting Company Section From Station 444+770 To 445+800



445+360.00

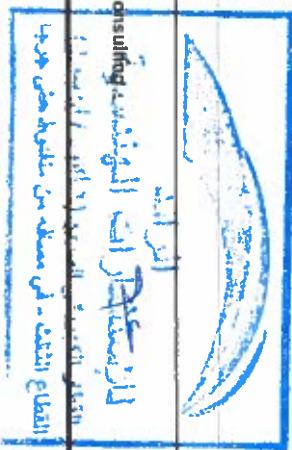
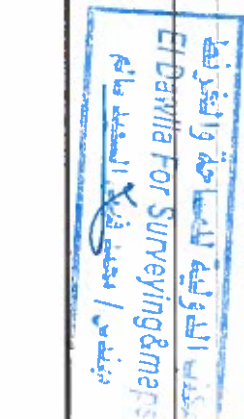


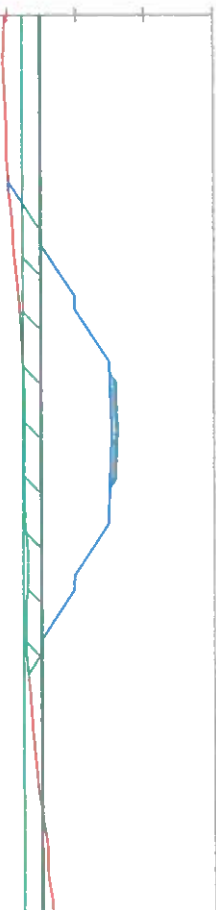
Stationing	Area	Volume	Consolidation Volume
Stationing - (1)	541.00	1117.01	5220.31

ELGHAZY :

ELDAWLIA :

ELRAEID Consulting Engineering & Surveying Co.



$$445 + 380.00$$


Material (779) at Section 445+380 (M)			
Material Name	Area	Volume	Compressive Performance
Material - (1)	146.76	1044.77	5733.10

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
329.65		
329.56		
329.48		
329.41		
329.45		
329.56		
329.66		
329.75		
329.86		
329.88		
329.91		
330.00		
330.11		
330.24		
330.47		
330.67		
330.77		
330.88		
331.07		
331.31		
331.50		
331.67		
331.79		
331.93		
332.08		
332.18		
332.29		
332.38		
332.42		
332.44		
332.45	332.45	
332.42		
332.48		
332.52		
332.55		
332.57		
332.58		
332.58		
332.56		
332.54		
332.62		
332.78		
332.94		
333.10		
333.25		
333.39		
333.46		
333.76		
333.95		
334.15		
334.36		
334.67		
335.00		
335.32		
335.56		
335.63		
335.67		
335.98		
336.29		
	331.41	-1.17
	332.74	-2.27
	334.08	-3.41
	334.79	-4.01
	335.41	-4.53
	336.74	-5.67
	338.08	-6.76
	339.41	-7.91
	339.79	-8.11
	340.74	-8.95
	342.08	-10.15
	343.41	-11.33
	344.74	-12.56
	344.86	-12.58
	344.94	-12.56
	345.02	-12.60
	345.10	-12.66
	345.18	-12.73
	345.10	-12.69
	345.02	-12.64
	344.94	-12.59
	344.86	-12.49
	344.78	-12.37
	344.70	-12.25
	344.27	-11.73
	342.94	-10.21
	341.60	-8.79
	340.27	-7.45
	339.65	-6.82
	338.94	-6.21
	337.60	-5.02
	336.27	-3.71
	334.94	-2.39
	334.65	-2.03
	333.60	-0.82

ELGHAZY



ELDAWLIA :

[illegible]

El Davila for Surveying & Mapping

1. History

ELRAEID Consulting :

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المحضر السيد يحيى المصطفى

445+420.00

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
329.41		
329.01		
328.90		
328.82		
329.24		
329.71		
330.19		
330.54		
330.75		
330.99		
331.28		
331.58		
331.85		
332.10		
332.43		
332.62		
332.80		
332.97		
333.23		
333.48		
333.74		
334.13		
334.53		
334.96		
335.36		
335.76		
336.05		
336.14		
336.24		
336.31		
336.32		
336.13		
336.03		
336.10		
336.18		
336.21		
336.27		
336.38		
336.55		
336.67		
336.87		
337.07		
337.27		
337.48		
337.76		
337.82		
338.12		
338.56		
338.75		
338.95		
338.88		
338.64		
338.45		
338.26		
338.09		
338.11		
338.15		
338.18		
338.30		
338.32		
338.33		
338.32		
338.39		
338.46		
338.53		
338.66		
332.70		
334.04		
334.75		
335.37		
336.70		
338.04		
339.37		
339.75		
340.70		
342.04		
343.37		
344.70		
344.90		
344.98		
345.06		
345.14		
345.06		
344.98		
344.90		
344.82		
344.74		
344.66		
344.23		
342.90		
341.56		
340.23		
339.61		
338.90		
337.56		
-0.28		
-1.42		
-1.94		
-2.40		
-3.47		
-4.55		
-5.61		
-6.17		
-7.08		
-8.00		
-8.95		
-8.77		
-8.76		
-8.75		
-8.75		
-8.82		
-8.93		
-8.95		
-8.80		
-8.64		
-8.53		
-8.40		
-7.85		
-6.35		
-4.89		
-3.36		
-2.33		
-1.62		
-0.09		

Station	From	To	Distance	Area	Volume	Construction Volume
Station (1)	444	445	1000.00	1000.00	1000.00	1000.00

ELGHAZY



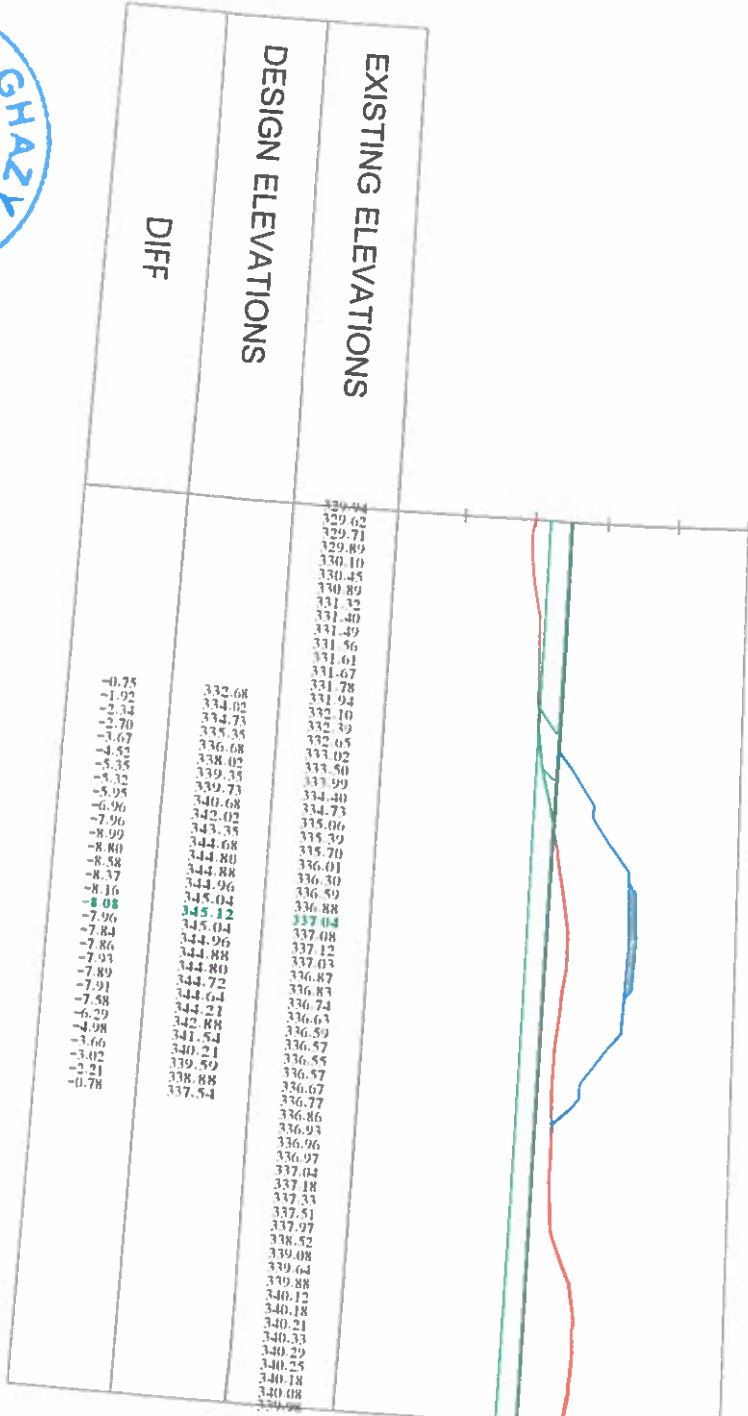
ELDAWILA

El dawila For Surveying & Maps
مكتب المساحة والخرائط
م. الدويلة / م. الدويلة / م. الدويلة

ELRAEID



445+440.00



Material Name	Area	Volume	Contractors Volume
Material - (1)	20.45	311.21	0.2213 22

ELGHAZY :



ELDAWILA :

El Dawila For Surveying & Maps
مكتب المساحة والتحقيق المساحي
للدراسات الهندسية والمساحة
والخرائط
مهندس / محمد عبد الحليم
مهندس / محمد عبد الحليم

ELRAEID Consulting Engineers & Surveyors

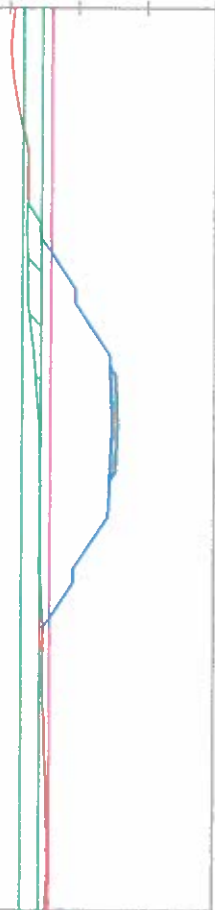




OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manifout - Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



445+460.00



Stationing (m) at Station 445+460.00	Area	Volume	Construction Volume
Stationing - 11	44.13	44.47	4177.91

EXISTING ELEVATIONS	330.42 330.35 330.23 330.30 330.56 330.92 331.40 331.67 332.16 332.59 332.82 332.99 332.80 332.79 332.77 332.70 332.78 332.87 332.91 332.90 332.88 333.11 333.36 333.62 333.88 333.99 334.16 334.30 334.49 334.67 334.73 334.80 334.83 334.82 334.81 334.81 334.80 334.78 334.76 334.72 334.81 334.99 335.05 335.19 335.23 335.21 335.21 335.20 335.19 335.20 335.41 335.48 335.51 335.59 335.69 335.79 335.83 335.84 335.88 335.89 335.91 335.95 335.99 336.02 336.05
DESIGN ELEVATIONS	334.00 334.71 335.33 336.66 338.00 339.33 339.71 340.66 342.00 343.33 344.66 344.78 344.86 344.94 345.02 345.10 345.02 344.94 344.86 344.78 344.70 344.62 344.19 342.86 341.52 340.19 339.57 338.86 337.52 336.19
DIFF	-1.22 -2.01 -2.55 -2.79 -5.09 -9.43 -9.82 -7.55 -8.63 -9.71 -10.83 -10.79 -10.70 -10.64 -10.53 -10.43 -10.29 -10.15 -10.04 -9.97 -9.89 -9.81 -9.39 -8.08 -6.76 -5.47 -7.73 -3.86 -2.48 -1.00

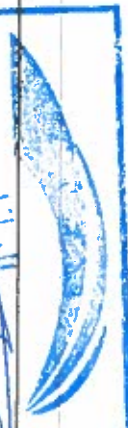


EL GHAZY

ELDAWILA :

El Dawila For Surveying & map
الداويلا للمساحة والخرائط
مهندسين / مهندسات / مهندسات

ELRAED Consulting
الإيريد للاستشارات الهندسية

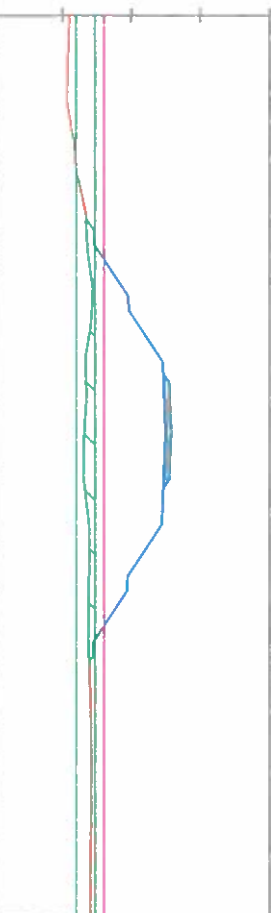




OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfiout - Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



445+480.00



Station	Area	Volume	Conditional Volume
Station 444+770	6.37	107.81	419.01

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
331.03	333.98	2.95
330.97	334.69	3.72
330.90	335.31	4.41
330.83	336.64	5.81
330.78	337.98	7.20
330.73	339.31	8.58
331.00	339.69	8.69
331.34	340.64	9.30
331.68	341.98	10.30
331.88	343.31	11.43
332.08	344.64	12.56
332.46	344.76	12.30
332.89	344.84	11.95
333.33	344.84	11.51
333.57	344.76	11.19
333.69	344.68	10.99
333.82	344.60	10.77
334.05	344.17	10.12
334.33	343.84	9.51
334.53	343.50	8.93
334.41	343.17	8.58
334.29	342.84	8.25
334.03	342.50	7.93
333.71	342.16	7.55
333.45	341.84	7.21
333.53	341.76	7.12
333.60	341.62	7.02
333.59	341.41	6.82
333.47	341.11	6.64
333.33	340.78	6.25
333.22	340.42	5.80
333.23	340.17	5.57
333.22	339.84	5.28
333.36	339.57	4.99
333.60	339.29	4.61
333.83	338.84	4.19
334.00	338.44	3.76
334.00	338.17	3.53
334.01	337.90	3.21
333.98	337.58	2.89
333.94	337.24	2.55
333.92	336.90	2.22
333.93	336.57	1.88
333.95	336.24	1.54
333.97	335.91	1.26
334.01	335.58	0.93
334.06	335.24	0.59
334.13	334.91	0.22
334.19	334.58	-0.15
334.21	334.24	-0.49
334.25	333.91	-0.82
334.27	333.58	-1.15
334.28	333.24	-1.49
334.28	332.91	-1.83
334.28	332.58	-2.17
334.29	332.24	-2.51
334.27	331.91	-2.84
334.21	331.58	-3.18
334.16	331.24	-3.52
334.13	330.91	-3.86
334.12	330.58	-4.20
334.14	330.24	-4.54
334.17	329.91	-4.88

ELGHAZY

ELDAWILA :

ELRAEID Consulting

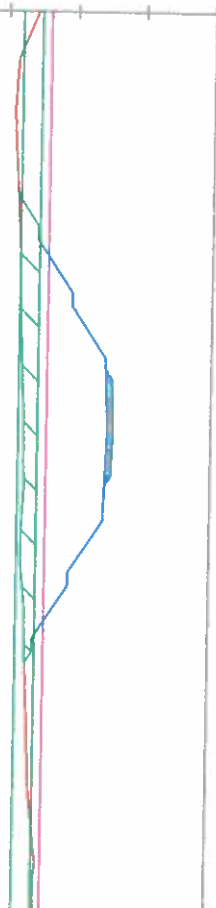
GHASY CO.

المكتب الهندسي للمساحة والمقاولات
El Dawila For Surveying & mpc

المرافق

المقاولات الهندسية والمساحة

445+500.00



Material Price at October 31, 1903			
Material Name	Price	Quantity	Estimated Value
Material - (1)	135.28	1003.92	64278.33

DIFF	DESIGN ELEVATIONS	EXISTING ELEVATIONS
-0.95	332.62	334.54
-2.17	333.96	333.41
-2.75	334.67	332.60
-3.23	335.29	331.78
-4.50	336.62	331.34
-5.82	337.96	331.20
-7.15	339.29	331.10
-7.48	339.67	331.00
-8.37	340.62	331.05
-9.64	341.96	331.10
-10.87	343.29	331.10
-12.13	344.62	331.20
-12.18	344.74	331.39
-12.20	344.82	331.47
-12.13	344.90	331.57
-12.18	344.98	331.68
-12.25	345.06	331.79
-12.09	344.98	331.92
-12.01	344.90	332.06
-11.88	344.82	332.12
-11.73	344.74	332.13
-11.74	344.66	332.14
-11.76	344.58	332.19
-11.42	344.15	332.25
-10.12	342.82	332.32
-8.81	341.48	332.42
-7.41	340.15	332.49
-6.61	339.53	332.56
-5.69	338.82	332.63
-4.20	337.48	332.77
-2.84	336.15	332.81
-1.44	334.82	332.89
-1.08	334.53	332.89
		332.95
		333.01
		332.97
		332.82
		332.73
		332.69
		332.67
		332.74
		332.91
		333.03
		333.29
		333.31
		333.38
		333.45
		333.50
		333.52
		333.57
		333.69
		333.81
		333.89
		333.95
		334.04
		334.13
		334.24
		334.37
		334.65
		334.88
		335.08
		335.29
		335.52
		335.12
		335.12

ELGHAZY

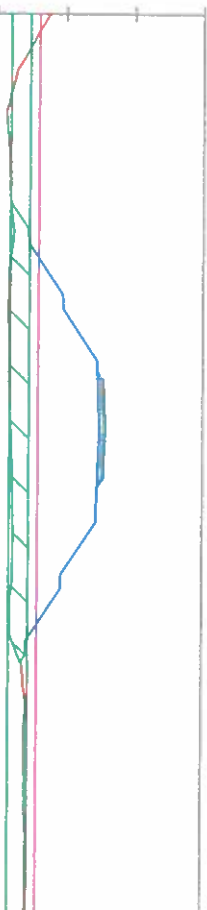
ELDAWLIA :

உறுப்பினர் / அங்கீகரிக்கப்பட்ட
 El Daria For Surviving Damaras

ELRAEID Consulting

11/11/11

445+520.00



Revised Price on October 44: \$30.00			
Revised Name	Page	Volume	Complete Volume
Material - (1)	26.13	1913-96	6775.47

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
337.58		
336.36		
335.27		
334.22		
332.97		
332.45		
331.98		
331.40		
331.51		
331.66		
331.81		
331.94		
332.03		
332.07		
332.16	332.60	-0.45
332.38	333.94	-1.55
332.52	334.65	-2.13
332.30	335.27	-2.97
331.98	336.60	-4.62
331.91	337.94	-6.03
331.87	339.27	-7.40
331.81	339.65	-7.83
331.84	340.60	-8.77
331.91	341.94	-10.03
331.92	343.27	-11.35
332.92	344.60	-12.68
331.97	344.72	-12.81
332.55	344.80	-12.85
332.04	344.88	-12.84
332.14	344.96	-12.82
332.23	345.04	-12.81
332.33	344.96	-12.63
332.44	344.88	-12.45
332.47	344.80	-12.33
332.49	344.72	-12.23
332.53	344.64	-12.11
332.58	344.56	-11.98
332.61	344.43	-11.52
332.62	342.80	-10.18
332.57	341.46	-8.89
332.56	340.13	-7.57
332.55	339.81	-6.96
332.33	338.80	-6.46
332.26	337.46	-5.20
332.30	336.13	-3.83
332.43	334.80	-2.37
333.19	334.51	-1.31
333.98		
334.08		
334.31		
334.54		
334.35		
334.32		
334.33		
334.33		
334.35		
334.37		
334.42		
334.58		
334.60		
334.61		
334.58		
334.55		
334.52		

ELGHAZY

ELDAWLIA :

ELRAEID Consulting



الماء والطين والجرار

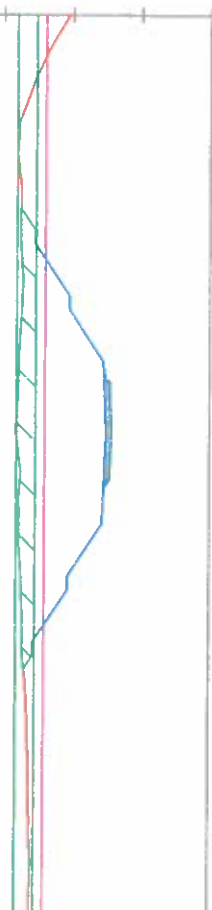
El Davaia For Surveying & map

Kilometer

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الاستشارات الهندسية

March 11, 1891

$$445 + 540.00$$


Material (F 75) at Boston 445 x 5.00 00			
Material Issues	4400	Volume	Constructive Volume
Material = (F)	110 JB	2546 92	10470 JB

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
339.44		
338.25		
337.69		
336.08		
335.15		
334.30		
333.57		
332.82		
332.22		
332.13		
332.02		
331.73		
331.41		
332.51		
332.52	332.58	+0.06
332.44	333.92	+1.37
332.46	334.63	+2.06
332.61	335.25	+2.62
332.79	336.58	+3.80
332.94	337.92	+4.98
332.88	339.25	+6.37
332.77	339.63	+6.85
332.66	340.58	+7.92
332.55	341.92	+9.37
332.46	343.25	+10.79
332.39	344.58	+12.20
332.34	344.70	+12.37
332.28	344.78	+12.50
332.19	344.86	+12.67
332.07	344.94	+12.88
331.91	345.02	+13.11
332.17	344.94	-12.78
332.42	344.86	-12.34
332.64	344.78	-12.14
332.51	344.70	-12.19
332.99	344.62	-12.23
332.43	344.54	-12.12
332.42	344.11	-11.69
332.43	342.78	-10.34
332.54	341.44	-8.90
332.68	340.11	-7.43
332.81	339.49	-6.68
332.89	338.78	-5.89
332.96	337.44	-4.48
333.02	336.11	-3.08
333.07	334.78	-1.71
333.04	334.49	-1.44
333.22	333.44	-0.22
333.40		
333.52		
333.62		
333.72		
333.80		
333.86		
333.91		
333.96		
334.01		
334.07		
334.15		
334.24		
334.32		
334.28		
334.22		
334.16		

ELGHAZY

ELDAWLIA :

ELRAEID Consulting

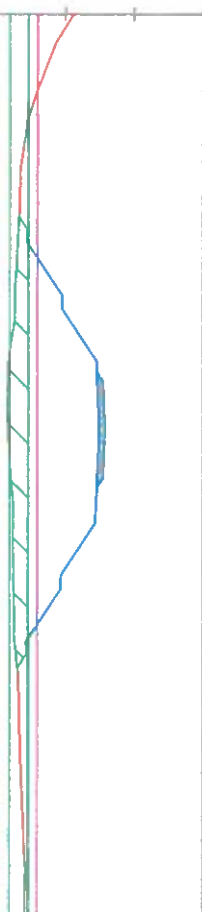
المؤلف: محمد بن عبد الله بن محمد بن عبد الله

Endville for surveying

15

Aluminum

... ..

$$445 + 560.00$$


Abstract 170g at Section 245+340 00		
Stationing	Asym	Calculated Volume
Station - (1)	119.69	71.082.64

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
341.21		
340.01		
338.77		
337.95		
337.17		
336.39		
335.68		
335.02		
334.49		
334.21		
333.91		
333.59		
333.42		
333.47		
333.42		
333.36	333.90	-0.53
333.27	334.61	-1.33
333.16	335.23	-2.07
333.07	336.56	-3.50
332.95	337.90	-4.95
332.82	339.23	-6.41
332.78	339.61	-6.82
332.75	340.56	-7.82
332.47	341.90	-9.42
332.14	343.23	-11.09
331.84	344.56	-12.75
331.70	344.68	-12.98
331.63	344.76	-13.14
331.59	344.84	-13.26
331.61	344.92	-13.31
331.74	345.00	-13.26
331.88	344.92	-13.04
332.01	344.84	-12.83
332.18	344.76	-12.58
332.36	344.68	-12.33
332.53	344.60	-12.07
332.59	344.52	-11.94
332.55	344.09	-11.54
332.61	342.76	-10.25
332.54	341.42	-8.88
332.60	340.09	-7.58
332.63	339.47	-6.83
332.67	338.76	-6.09
332.70	337.42	-4.73
332.71	336.09	-3.38
332.78	334.76	-1.98
332.98	334.47	-1.49
333.18	333.42	-0.24
333.34		
333.37		
333.41		
333.44		
333.50		
333.57		
333.63		
333.71		
333.80		
333.89		
333.98		
334.09		
334.19		
334.22		
334.32		
334.29		
334.25		



ELGHAZY

ELDAWLIA :

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ELRAEID Consulting

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445+580.00

Stationed	Area	Volume	Compensation Volume
Stationed - (1)	180.29	3279.71	7683.79

EXISTING ELEVATIONS	341.69 341.34 341.00 340.65 339.96 339.35 338.88 338.70 338.51 338.31 337.95 337.51 337.10 336.66 336.28 335.89 335.49 335.08 334.70 334.32 334.00 333.62 333.33 333.21 333.14 333.09 333.06 333.02 332.95 332.84 332.75 332.68 332.59 332.49 332.42 332.40 332.40 332.42 332.56 332.67 332.78 332.86 332.92 332.98 333.01 333.04 332.97 332.91 332.98 333.10 333.22 333.33 333.38 333.44 333.49 333.53 333.57 333.61 333.70 333.85 334.01 334.12 334.20 334.27 334.34		
DESIGN ELEVATIONS	335.21 336.54 337.88 339.21 339.59 340.54 341.88 343.21 344.54 344.66 344.74 344.82 344.90 344.98 344.90 344.82 344.74 344.66 344.58 344.50 344.07 342.74 341.40 340.07 339.45 338.74 337.40 336.07 334.74 334.45 333.40		
DIFF	-0.13 -1.84 -3.56 -5.21 -5.97 -7.22 -8.67 -10.07 -11.46 -11.61 -11.73 -11.87 -12.07 -12.24 -12.22 -12.24 -12.25 -12.24 -12.19 -12.11 -11.65 -10.18 -8.73 -7.29 -6.58 -5.82 -4.43 -3.06 -1.70 -1.47 -0.49		

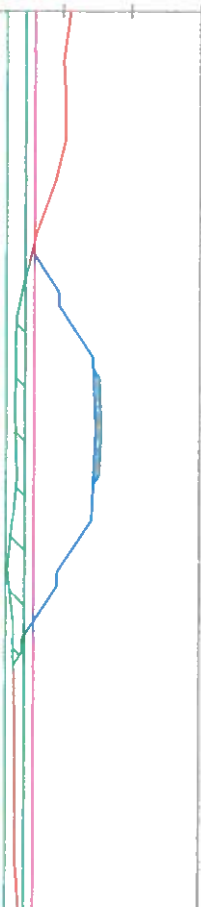
ELGHAZY :

ELDAWILA :

ELRAEID Consulting :



445+600.00



Material 72 at Stock 445 +400 mm		
Material Name	Area	Volume
Material - (1)	91.23	3948.25
		7767.97

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
341.18		
340.86		
340.57		
340.29		
340.19		
340.27		
340.35		
340.41		
340.45		
340.49		
340.10		
339.63		
339.16		
338.48		
337.74		
337.00		
336.29		
335.81		
335.34	336.52	-1.19
334.86	337.86	-3.00
334.40	339.19	-4.79
333.96	339.57	-5.61
333.52	340.52	-7.01
333.45	341.86	-8.41
333.38	343.19	-9.81
333.35	344.52	-11.17
333.35	344.64	-11.29
333.35	344.72	-11.37
333.34	344.80	-11.46
333.33	344.88	-11.55
333.34	344.96	-11.63
333.37	344.88	-11.51
333.46	344.80	-11.35
333.54	344.72	-11.18
333.61	344.64	-11.13
333.64	344.56	-11.22
333.66	344.48	-11.32
332.90	344.05	-11.15
332.68	342.72	-10.04
332.46	341.38	-8.92
332.26	340.05	-7.79
332.36	339.43	-7.06
332.49	338.72	-6.12
332.52	337.38	-4.56
331.05	336.05	-3.00
331.08	334.72	-1.64
331.10	334.43	-1.32
331.12	333.38	-0.26
331.15		
331.17		
331.20		
331.24		
331.29		
331.34		
331.38		
331.37		
331.38		
331.39		
331.39		
331.36		
331.35		
331.49		
331.65		
331.81		

ELGHAZY :

ELDAWLIA:

ELRAEID Consulting

El Diario de la Verdad

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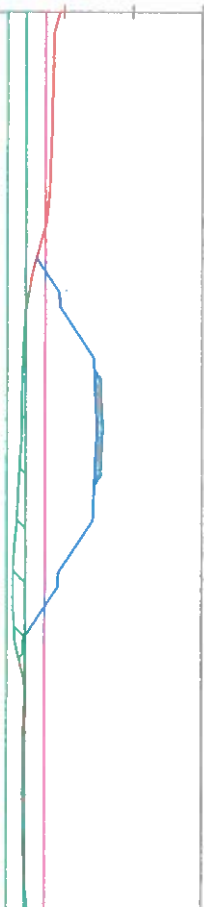
Consulting: Dr. J. B. Smith

445+620.00

Internals 17 Ry at Station 443 +520.00			
Material Name	Area	Volume	Candidate Volume
Material - (1)	16.61	1170.63	78835.33

EXISTING ELEVATIONS	339.76 339.67 339.58 339.41 339.25 339.14 339.10 339.28 339.43 339.55 339.55 339.57 339.64 339.11 338.51 337.92 337.28 336.60 335.90 335.36 334.93 334.55 334.26 334.07 333.90 333.80 333.78 333.76 333.72 333.65 333.58 333.54 333.52 333.53 333.53 333.56 333.46 333.34 333.22 333.10 333.11 333.16 333.25 333.44 333.60 333.60 333.62 333.62 333.63 333.65 333.70 333.78 333.86 333.94 334.08 334.22	336.50 337.84 339.17 339.55 340.50 341.84 343.17 344.50 344.62 344.70 344.78 344.86 344.94 344.86 344.78 344.70 344.62 344.54 344.46 344.03 342.70 341.36 340.03 339.41 338.70 337.36 336.03 334.70 333.41	-0.61 -2.48 -4.24 -4.99 -6.24 -7.76 -9.27 -10.71 -10.84 -10.94 -11.06 -11.21 -11.36 -11.33 -11.26 -11.18 -11.09 -10.99 -11.00 -10.69 -9.48 -8.27 -6.96 -6.29 -5.54 -4.12 -2.59 -1.09 -0.64
DESIGN ELEVATIONS			
DIFF			

445+640.00



Material 1701 in Section 441-6 (P. 10)		
Material Name	Area	Volume
Material - (3)	49.16	1857.64
		00113 18

EXISTING ELEVATIONS		DESIGN ELEVATIONS	DIFF
339.67			
338.94			-0.42
338.61			-2.28
338.56			-3.99
338.56			-4.69
338.52			-5.86
338.46			-7.32
338.40			-8.77
338.35			-10.20
338.31			-10.56
338.25			-10.49
338.18			-10.61
338.12			-10.73
338.02			-10.84
337.83			-10.80
337.64			-10.82
337.17			-10.86
336.62			-10.91
336.06			-10.94
335.53			-10.60
335.16			-9.48
334.84			-8.33
334.62			-7.12
334.50			-6.53
334.38			-5.84
334.29			-4.48
334.24			-3.02
334.20			-1.56
334.15			-0.93
334.12			
334.08			
334.05			
333.94			
333.82			
333.70			
333.59			
333.51			
333.41			
333.20			
333.01			
332.89			
332.86			
332.84			
332.86			
332.99			
333.12			
333.46			
333.90			
334.33			
334.63			
334.56			
334.44			
334.32			
334.30			
334.30			
334.30			
334.28			
334.26			
334.25			
334.34			
334.41			
334.52			
334.66			
334.90			

ELGHAZY

ELDAWLIA:

ELRAEID Consulting



المجلة العربية للعلوم الإنسانية

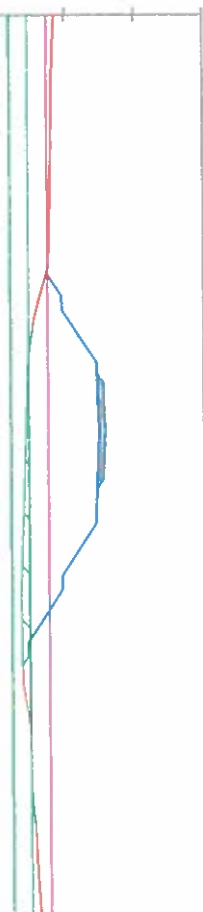
David For Surveying & Mapping

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الاستاذ المساعد الدكتور

445+660.00



Material (F 10) at Reaction 443 + 444 003		
Material Name	Area	Volume
Material - 111	34.18	835.27
		80% 60.65

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
338.43		
338.43		
338.34		
338.26		
338.18		
338.11		
338.07		
338.05		
338.02		
337.98		
337.94		
337.89		
337.85		
337.79		
337.74		
337.69		
337.67		
337.58		
337.49		
337.02		
336.44		
335.90		
335.38		
335.07		
334.79		
334.54		
334.44		
334.39		
334.33		
334.28		
334.23		
334.14		
334.05		
334.01		
333.95		
333.87		
333.80		
333.72		
333.64		
333.56		
333.49		
333.41		
333.33		
333.28		
333.22		
333.16		
333.10		
333.04		
332.98		
332.92		
332.86		
332.80		
332.74		
332.68		
332.62		
332.56		
332.50		
332.44		
332.38		
332.32		
332.26		
332.20		
332.14		
332.08		
332.02		
331.96		
331.90		
331.84		
331.78		
331.72		
331.66		
331.60		
331.54		
331.48		
331.42		
331.36		
331.30		
331.24		
331.18		
331.12		
331.06		
331.00		
330.94		
330.88		
330.82		
330.76		
330.70		
330.64		
330.58		
330.52		
330.46		
330.40		
330.34		
330.28		
330.22		
330.16		
330.10		
330.04		
330.00		
329.94		
329.88		
329.82		
329.76		
329.70		
329.64		
329.58		
329.52		
329.46		
329.40		
329.34		
329.28		
329.22		
329.16		
329.10		
329.04		
329.00		
328.94		
328.88		
328.82		
328.76		
328.70		
328.64		
328.58		
328.52		
328.46		
328.40		
328.34		
328.28		
328.22		
328.16		
328.10		
328.04		
328.00		
327.94		
327.88		
327.82		
327.76		
327.70		
327.64		
327.58		
327.52		
327.46		
327.40		
327.34		
327.28		
327.22		
327.16		
327.10		
327.04		
327.00		
326.94		
326.88		
326.82		
326.76		
326.70		
326.64		
326.58		
326.52		
326.46		
326.40		
326.34		
326.28		
326.22		
326.16		
326.10		
326.04		
326.00		
325.94		
325.		

ELGHAZY

ELDAWLIA

ELRAEID Co

CO. GHARY EL

El Davila For surveying & map

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القطر الكبريتي المبرق (٦) كثره / ايزو كثره

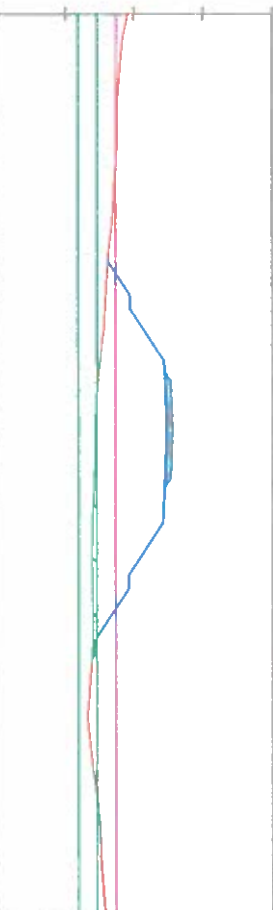


OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfout - Gerga)

Al-Ghazl Contracting Company Section From Station 444+770 To 445+800



445+680.00



General Information			
Stationing	444+770 to 445+800	Scale	1:500
Section	3	Sheet	3 of 3
Project	Al-Ghazl Contracting Company	Client	Ministry of Planning and Economic Development

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
338.75	338.75	0.00
338.78	338.78	0.00
338.17	338.17	0.00
337.96	337.96	0.00
337.84	337.84	0.00
337.70	337.70	0.00
337.61	337.61	0.00
337.60	337.60	0.00
337.49	337.49	0.00
337.36	337.36	0.00
337.24	337.24	0.00
337.11	337.11	0.00
336.99	336.99	0.00
336.88	336.88	0.00
336.63	336.63	0.00
336.36	336.36	0.00
336.19	336.19	0.00
336.10	336.10	0.00
336.00	336.00	0.00
335.87	335.87	0.00
335.73	335.73	0.00
335.49	335.49	0.00
335.35	335.35	0.00
335.12	335.12	0.00
334.88	334.88	0.00
334.73	334.73	0.00
334.60	334.60	0.00
334.48	334.48	0.00
334.40	334.40	0.00
334.41	334.41	0.00
334.42	334.42	0.00
334.36	334.36	0.00
334.27	334.27	0.00
334.18	334.18	0.00
334.09	334.09	0.00
334.03	334.03	0.00
333.96	333.96	0.00
333.90	333.90	0.00
333.95	333.95	0.00
334.00	334.00	0.00
334.06	334.06	0.00
334.08	334.08	0.00
334.09	334.09	0.00
334.09	334.09	0.00
333.96	333.96	0.00
333.79	333.79	0.00
333.62	333.62	0.00
333.47	333.47	0.00
333.32	333.32	0.00
333.29	333.29	0.00
333.50	333.50	0.00
333.71	333.71	0.00
333.93	333.93	0.00
334.21	334.21	0.00
334.49	334.49	0.00
334.77	334.77	0.00
334.96	334.96	0.00
335.10	335.10	0.00
335.19	335.19	0.00
335.28	335.28	0.00
335.42	335.42	0.00
335.57	335.57	0.00
335.73	335.73	0.00

ELGHAZY :

ELDAWILA :

ELRAEID Consulting :



المكتب الدولي للمساحة والتخطيط
El Dawila For Surveying & Maps
مهندس / محمد / السيد / سالم

المهندس / السيد / سالم
للإستشارات الهندسية
النظر والتخطيط للمساحة والتخطيط
ELRAEID Consulting



OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfouf - Gerga)

Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



445+700.00

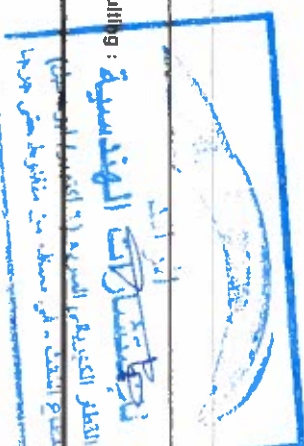
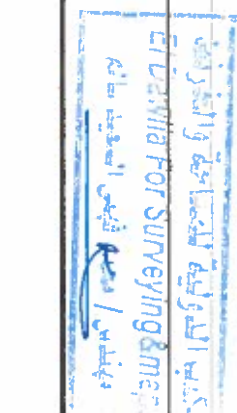
Material Price at Station 445+700.00			
Material Name	Qty	Volume	Contractor Volume
Material - (1)	7.64	343.55	0.0111 26

EXISTING ELEVATIONS	339.76 339.26 338.77 338.43 338.09 337.75 337.54 337.39 337.26 337.10 336.93 336.77 336.63 336.55 336.47 336.38 336.21 336.05 335.88 335.76 335.66 335.57 335.52 335.47 335.44 335.40 335.34 335.14 334.97 334.89 334.83 334.76 334.70 334.70 334.62 334.51 334.40 334.34 334.29 334.24 334.25 334.26 334.28 334.26 334.24 334.23 334.22 334.23 334.27 334.35 334.38 334.42 334.47 334.44 334.42 334.50 334.61 334.73 334.97 335.07 335.14 335.28 335.44 335.60 335.76 335.90	DESIGN ELEVATIONS	336.42 337.76 339.09 339.47 340.42 341.76 343.09 344.42 345.54 346.62 347.70 348.78 344.86 344.78 344.70 344.62 344.54 344.46 344.38 343.95 342.62 341.28 339.95 339.33 338.62 337.28 335.95 334.62 334.33	DIFF	-0.54 -1.99 -3.43 -3.89 -4.90 -6.28 -7.65 -9.03 -9.20 -9.48 -9.74 -9.90 -10.04 -10.02 -10.00 -10.01 -10.04 -10.07 -10.05 -9.66 -8.38 -7.03 -5.69 -5.05 -4.36 -3.04 -1.72 -0.40 -0.10

ELGHAZY :

ELDAWLIA :

ELRAEID Consulting :

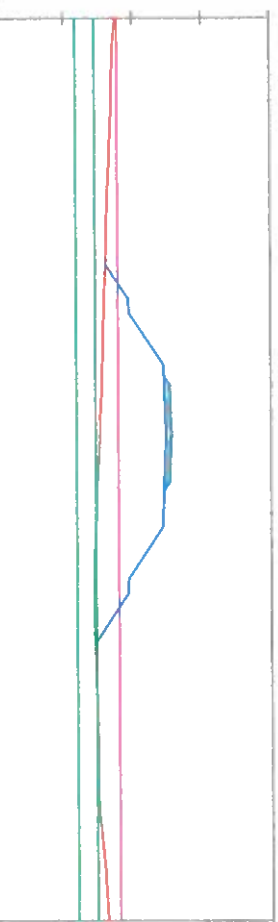




OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Mantout - Gerga)
Al-Ghaz Contracting Company Section From Station 444+770 To 445+800



445+720.00



Stationed @ 10' at Station 445+720.00			
Stationed	Station	Station	Station
Stationed - 10'	3' 7"	11' 3"	21' 3"

EXISTING ELEVATIONS	337.48 337.42 337.25 337.17 337.09 337.00 336.97 336.92 336.86 336.73 336.62 336.55 336.45 336.36 336.27 336.23 336.20 336.16 336.07 335.96 335.86 335.80 335.73 335.67 335.61 335.59 335.50 335.42 335.30 335.22 335.15 335.08 334.96 334.86 334.78 334.74 334.67 334.61 334.49 334.37 334.32 334.30 334.29 334.28 334.33 334.41 334.49 334.54 334.60 334.65 334.71 334.76 334.82 334.79 334.74 334.77 334.81 334.84 334.80 335.22 335.45 335.66 335.77 335.88 335.99 336.14
DESIGN ELEVATIONS	336.40 337.74 339.45 340.40 341.74 343.07 344.40 345.52 346.60 347.68 348.74 349.76 350.73 351.66 352.52 353.36 354.12 354.93 355.60 356.26 356.93 357.60
DIFF	6.33 6.28 6.12 6.65 6.67 6.07 7.46 8.81 9.02 9.19 9.36 9.59 9.69 9.73 9.74 9.74 9.70 9.69 9.62 9.10 9.90 9.61 9.91 9.31 9.60 9.76 9.33 9.41 9.49 9.54 9.60 9.65 9.71 9.76 9.82 9.79 9.74 9.77 9.81 9.84 9.80 9.52 9.45 9.46 9.57 9.58 9.59

ELGHAZY :

ELDAWILA :

ELRAEID Consulting :



مكتب الاستشارات الهندسية والبيئية
El Dawila For Surveying & me
البيئية / الهندسية
البيئية / الهندسية

المراد
مكتب الاستشارات الهندسية
البيئية / الهندسية
البيئية / الهندسية

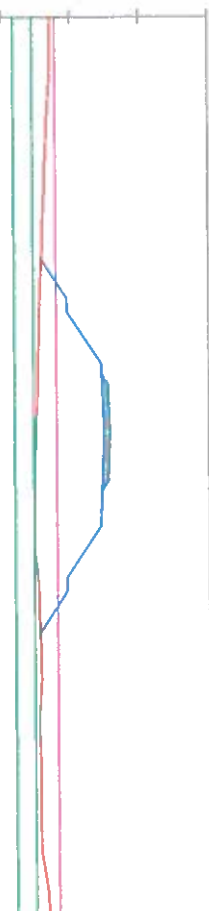


OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manflout - Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



445+740.00

Horizontal Profile at Station 445+740.00			
Stationed	Area	Volume	Construction Volume
Stationed - (1)	0.00	3181	8187.31



EXISTING ELEVATIONS	337.11 337.06 337.02 336.98 336.93 336.81 336.70 336.59 336.48 336.37 336.29 336.21 336.10 336.00 335.93 335.85 335.78 335.69 335.59 335.51 335.44 335.37 335.31 335.26 335.21 335.16 335.09 335.00 334.94 334.88 334.80 334.72 334.67 334.65 334.68 334.63 334.60 334.63 334.71 334.91 335.06 335.17 335.22 335.27 335.34 335.48 335.49 335.44 335.26 335.09 335.13 335.18 335.22 335.20 335.18 335.22 335.26 335.28 335.29 335.29 335.34
DESIGN ELEVATIONS	336.38 337.22 339.05 339.43 340.38 341.72 343.05 344.38 344.50 344.58 344.66 344.74 344.82 344.74 344.66 344.58 344.42 344.34 343.91 342.58 341.24 340.91 339.29 338.58 338.33
DIFF	0.70 -0.12 -1.54 -1.98 -1.01 -1.41 -1.79 -0.17 -0.34 -0.49 -0.66 -0.80 -0.94 -0.94 -0.94 -0.91 -0.86 -0.75 -0.72 -1.11 -1.95 -1.53 -1.00 -0.73 -1.23 -1.20 -0.79

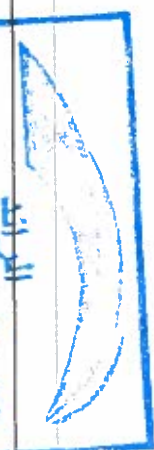
ELGHAZY

ELDAWLA :

ELRAEID Consulting



المصرية للمقاولات والهندسة
El Dawla For Surveying & m
الهندسة / المقاولات
الهندسة / المقاولات

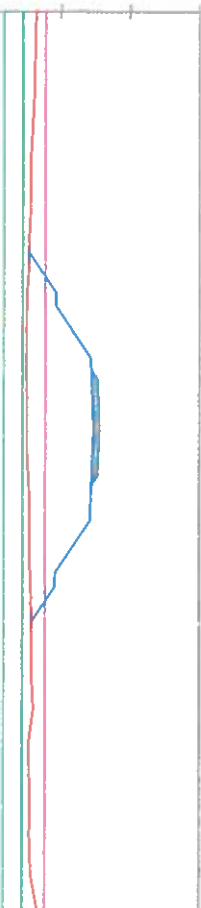




OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Mantlout - Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



445+760.00



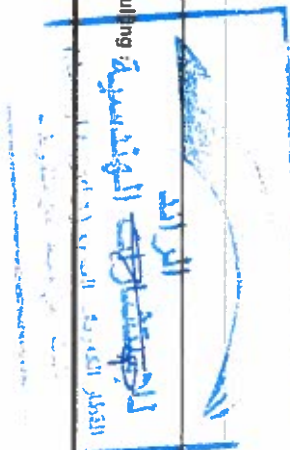
Material Pile at Station 445+760.00			
Material Name	Area	Volume	Compacting Volume
Material - (1)	0.00	0.00	0.00

EXISTING ELEVATIONS	335.42 336.38 336.33 336.28 336.23 336.18 336.10 336.00 335.89 335.79 335.76 335.73 335.69 335.64 335.60 335.53 335.47 335.42 335.38 335.24 335.16 335.10 335.06 335.02 335.01 335.03 335.08 335.13 335.13 335.11 335.15 335.28 335.42 335.51 335.54 335.53 335.49 335.51 335.59 335.67 335.78 335.80 335.85 335.88 335.88 335.84 335.90 336.00 336.10 335.93 335.66 335.43 335.50 335.55 335.61 335.60 335.58 335.55 335.59 335.67 335.74 336.07 336.45
DESIGN ELEVATIONS	336.36 337.70 339.03 339.41 340.36 341.70 343.03 344.36 344.48 344.56 344.64 344.72 344.80 344.72 344.64 344.56 344.48 344.40 344.32 343.89 342.56 341.22 339.89 339.27 338.56 337.22 335.89
DIFF	0-0.95 0-5.35 0-5.79 0-5.24 0-5.26 0-6.64 0-8.01 0-9.35 0-9.45 0-9.40 0-9.52 0-9.59 0-9.70 0-6.61 0-9.49 0-9.28 0-9.06 0-8.89 0-8.78 0-8.36 0-42.56 0-5.71 0-7.30 0-5.59 0-2.77 0-1.42 0-0.04

ELGHAZY

ELDAWILA

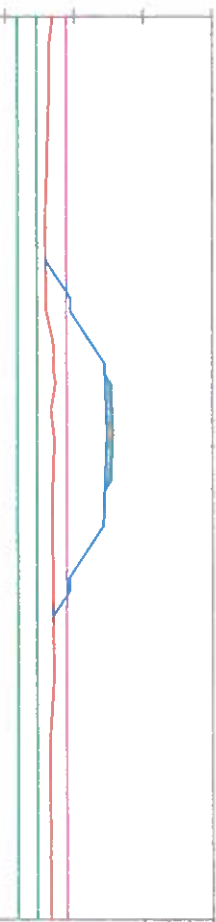
ELRAED Consulting



$$445 + 780.00$$

Vertical Profile of Bridge AA-1798-00			
Stationing	Area	Volume	Construction Volume
Stationing - (ft)	0.00	0.00	0.00
336.17			
336.04			
336.00			
335.99			
335.99			
335.96			
335.92			
335.83			
335.77			
335.73			
335.69			
335.65			
335.63			
335.72			
335.71			
335.59			
335.47			
335.42			
335.36			
335.30			
335.26			
335.27			
335.30			
335.34			
335.38			
335.40			
335.43			
335.51			
335.73			
335.96			
336.18			
336.41			
336.72			
337.06			
337.28			
337.12			
336.96			
336.81			
336.64			
336.47			
336.34			
336.37			
336.40			
336.44			
336.43			
336.41			
336.37			
336.33			
336.32			
336.32			
336.16			
336.01			
335.94			
335.90			
335.91			
335.90			
335.90			
335.89			
335.89			
335.89			
335.89			
336.01			
336.12			
336.24			
336.42			
336.71			

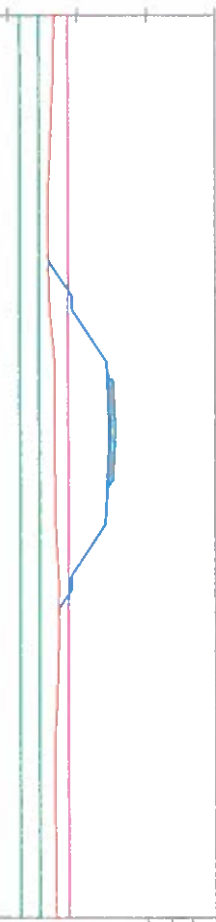
445+800.00



Horizontal (H) at Station 445+800.00			
Stationed - (H)	Area	Volume	Consolidation
0.00	0.00	0.00	0.00

EXISTING ELEVATIONS	DESIGN ELEVATIONS	DIFF
336.23	336.32	-0.61
336.57	337.66	-1.93
336.37	338.99	-3.24
336.32	339.37	-3.58
336.29	340.32	-4.18
336.27	341.66	-5.06
336.23	342.99	-6.08
336.18	344.32	-7.41
336.13	344.44	-7.42
336.06	344.52	-7.57
336.01	344.60	-7.97
335.95	344.68	-8.04
335.87	344.76	-7.91
335.80	344.68	-7.76
335.76	344.60	-7.70
335.73	344.52	-7.71
335.71	344.44	-7.72
335.70	344.36	-7.68
335.72	344.28	-7.54
335.73	343.85	-7.16
335.75	342.52	-5.82
335.77	341.18	-4.47
336.79	339.84	-3.12
336.82	339.23	-2.48
336.84	338.52	-1.74
336.88	337.81	-0.39
336.91		
336.93		
336.94		
336.96		
336.97		
336.98		
336.99		
337.00		
337.01		
337.02		
337.03		
337.04		
337.05		
337.06		
337.07		
337.08		
337.09		
337.10		
337.11		
337.12		
337.13		
337.14		
337.15		
337.16		
337.17		
337.18		
337.19		
337.20		
337.21		
337.22		
337.23		
337.24		
337.25		
337.26		
337.27		
337.28		
337.29		
337.30		
337.31		
337.32		
337.33		
337.34		
337.35		
337.36		
337.37		
337.38		
337.39		
337.40		
337.41		
337.42		
337.43		
337.44		
337.45		
337.46		
337.47		
337.48		
337.49		
337.50		
337.51		
337.52		
337.53		
337.54		
337.55		
337.56		
337.57		
337.58		
337.59		
337.60		
337.61		
337.62		
337.63		
337.64		
337.65		
337.66		
337.67		
337.68		
337.69		
337.70		
337.71		
337.72		
337.73		
337.74		
337.75		
337.76		
337.77		
337.78		
337.79		
337.80		
337.81		
337.82		
337.83		
337.84		
337.85		
337.86		
337.87		
337.88		
337.89		
337.90		
337.91		
337.92		
337.93		
337.94		
337.95		
337.96		
337.97		
337.98		
337.99		
338.00		

445+820.00



EXISTING ELEVATIONS	
336.73	
336.68	
336.63	
336.59	
336.51	
336.44	
336.35	
336.27	
336.20	
336.12	
336.04	
335.96	
335.94	
335.91	
335.89	
335.87	
335.86	
335.87	
335.91	
335.97	
336.07	
336.20	
336.40	
336.59	
336.75	
336.80	
336.77	
336.73	
336.69	
336.68	
336.72	
336.75	
336.78	
336.84	
336.88	
336.90	
336.92	
337.00	
337.11	
337.21	
337.29	
337.32	
337.35	
337.37	
337.34	
337.28	
337.22	
337.15	
337.06	
336.97	
336.87	
336.80	
336.77	
336.73	
336.69	
336.68	
336.72	
336.76	
336.81	
336.82	
336.83	
336.85	
336.86	
336.87	
336.88	
DESIGN ELEVATIONS	
336.30	
337.64	
338.97	
339.35	
340.30	
341.44	
342.97	
344.30	
344.42	
344.50	
344.58	
344.66	
344.74	
344.66	
344.58	
344.50	
344.42	
344.34	
344.26	
343.83	
342.50	
341.16	
339.83	
339.21	
338.50	
DIFF	
44	
-0.44	
-1.73	
-3.00	
-3.28	
-4.10	
-5.24	
-5.38	
-2.55	
-7.62	
-7.73	
-7.85	
-7.97	
-8.05	
-7.95	
-7.84	
-7.72	
-7.58	
-7.46	
-7.36	
-6.91	
-5.49	
-4.06	
-2.62	
-1.17	

Stationed (100' or Station 445+820.00)				
Stationed Name	Area	Volume	Consolidated Volume	
Stationed - (10)	0.00	0.00	0.00	0.00



ELGHAZY :

ELDAWILA :

ELRAEID Consulting:

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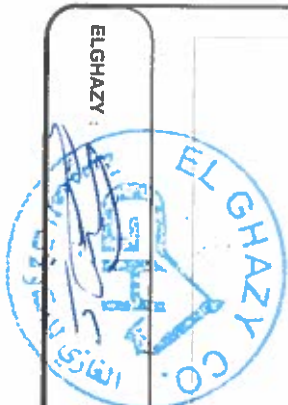


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 El Dawila For Surveying & me

445+840.00

EXISTING ELEVATIONS	336.78 336.67 336.57 336.46 336.37 336.42 336.45 336.45 336.40 336.30 336.21 336.13 336.13 336.12 336.10 336.06 336.00 335.93 335.91 335.92 335.93 336.00 336.09 336.18 336.26 336.36 336.46 336.56 336.69 336.85 337.02 337.19 337.35 337.32 337.23 337.15 337.08 337.07 337.07 337.07 337.08 337.13 337.17 337.22 337.28 337.44 337.60 337.62 337.62 337.63 337.58 337.62 337.70 337.76 337.77 337.79 337.75 337.62 337.44 337.27 337.13 337.16 337.18 337.20 337.23
DESIGN ELEVATIONS	336.28 337.62 338.95 339.33 340.28 341.62 342.95 344.28 344.40 344.48 344.56 344.64 344.72 344.80 344.86 344.98 344.40 344.32 344.24 345.81 342.48 341.14 339.81 339.19 338.48
DIFF	-0.38 -1.70 -3.02 -3.33 -4.20 -5.44 -6.69 -7.92 -7.94 -7.92 -7.87 -7.80 -7.70 -7.45 -7.21 -7.16 -7.17 -7.18 -7.16 -9.73 -5.40 -4.08 -2.73 -2.06 -1.1

Station 445+840.00			
Station Name	Area	Volume	Construction Volume
Station - (1)	0.00	0.00	0.00



ELGHAZY :

ELDAWLA :

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ELRAEID Consulting :

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 El dawila for Surveying & Design
 El dawila for Surveying & Design



OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE (Manfouf - Gerga)
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



445+850.00

Detailed Profile of Station 445+850.00			
Station Name	Area	Volume	Consolidation Volume
Station - (1)	0.00	0.00	0.00

EXISTING ELEVATIONS	336.80	336.80
	336.72	336.72
DESIGN ELEVATIONS	336.65	336.65
	336.56	336.56
DIFF	336.47	336.47
	336.41	336.41
	336.35	336.35
	336.28	336.28
	336.21	336.21
	336.20	336.20
	336.17	336.17
	336.15	336.15
	336.11	336.11
	336.07	336.07
	336.03	336.03
	335.97	335.97
	335.90	335.90
	335.84	335.84
	335.82	335.82
	335.88	335.88
	335.95	335.95
	336.07	336.07
	336.19	336.19
	336.29	336.29
	336.40	336.40
	336.63	336.63
	336.89	336.89
	337.09	337.09
	337.27	337.27
	337.30	337.30
	337.25	337.25
	337.22	337.22
	337.19	337.19
	337.21	337.21
	337.25	337.25
	337.24	337.24
	337.20	337.20
	337.23	337.23
	337.30	337.30
	337.31	337.31
	337.32	337.32
	337.34	337.34
	337.36	337.36
	337.40	337.40
	337.43	337.43
	337.46	337.46
	337.47	337.47
	337.50	337.50
	337.56	337.56
	337.63	337.63
	337.69	337.69
	337.66	337.66
	337.62	337.62
	337.60	337.60
	337.66	337.66
	337.69	337.69
	337.74	337.74
	337.74	337.74
	337.69	337.69
	337.54	337.54
	337.41	337.41
	337.35	337.35
	337.34	337.34
	337.37	337.37
	337.45	337.45
	337.45	337.45

DIFF

+0.44
+1.78
+3.05
+3.37
+4.20
+5.42
+6.64
+7.87
+7.76
+7.58
+7.47
+7.36
+7.42
+7.38
+7.34
+7.28
+7.18
+7.06
+6.99
+6.60
+5.23
+3.83
+2.49
+1.85
+1.13

EXISTING ELEVATIONS

336.27
337.61
338.94
339.32
340.27
341.61
342.94
344.27
344.39
344.47
344.55
344.63
344.71
344.63
344.55
344.47
344.39
344.31
344.23
343.80
342.47
341.13
339.80
339.18
338.47

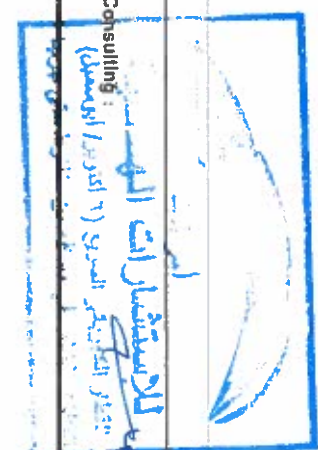
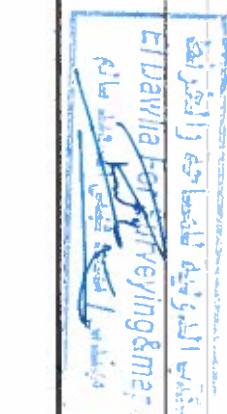
DESIGN ELEVATIONS

336.27
337.61
338.94
339.32
340.27
341.61
342.94
344.27
344.39
344.47
344.55
344.63
344.71
344.63
344.55
344.47
344.39
344.31
344.23
343.80
342.47
341.13
339.80
339.18
338.47

ELGHAZY :

ELDAWILA :

ELRAEID Consulting :



445+860.00

EXISTING ELEVATIONS	336.93 336.91 336.84 336.80 336.76 336.71 336.66 336.61 336.56 336.50 336.43 336.34 336.24 336.20 336.15 336.07 335.96 335.89 335.85 335.90 335.97 336.07 336.20 336.31 336.36 336.39 336.51 336.68 336.80 336.86 336.92 337.01 337.07 337.12 337.15 337.16 337.17 337.24 337.26 337.33 337.38 337.42 337.46 337.46 337.46 337.51 337.58 337.62 337.63 337.60 337.68 337.76 337.77 337.80 337.82 337.85 337.86 337.87 337.78 337.78 337.73 337.64 337.58 337.60 337.64 337.62
DESIGN ELEVATIONS	336.26 337.60 338.93 339.31 340.26 341.60 342.93 344.26 344.38 344.46 344.47 344.62 344.70 344.62 344.54 344.46 344.38 344.30 344.22 343.79 342.46 341.12 339.79 339.17 338.46
DIFF	-0.41 -1.70 -2.96 -3.23 -7.07 -5.28 -6.57 -7.87 -7.87 -7.78 -7.74 -7.76 -7.78 -7.62 -7.47 -7.35 -7.23 -7.14 -7.05 -6.55 -5.19 -3.79 -2.41 -1.75 -1.00

Stationed From Station 445+800.00	Area	Volume	Consulting Volume
Stationed - (1)	Station	Station	Station

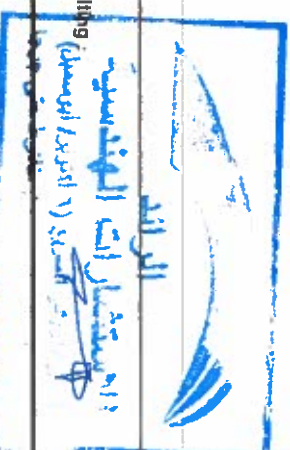
ELGHAZY

ELDAWILA

ELRAEID Consulting



مكتب المساحة والخرائط
El Dawila For Surveying & Maps
مهندسين معتمدين / مهندسين



445+866.78

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الهيئة العامة

للطرق والكباري والنقل البري

بخصوص مشروع تنفيذ انشاء الجسر الترابي

للقطار الكهربائي السريع القطاع الثالث منفوط / جرجا

في المسافة من كم (٤٤٤+٧٧٠) الي كم (٤٤٥+٨٠٠) بطول ١,٠٣٠ كم

مشروع مشروع القطار الكهربائي السريع (أكتوبر - أبو سمبل)

من منسوب -١٣ م حتى منسوب -١٠,٢٥ م

شركة الغازي للمقاولات العمومية

(محضر استلام موقع)

إشارة الي العقد رقم (٥٥٤ / ٢٠٢٣ / ٢٠٢٤) بين كلا من الهيئة العامة للطرق والكباري وبين شركة الغازي للمقاولات العمومية بتاريخ ٢٢ / ١٠ / ٢٠٢٣ م لتنفيذ المشروع عالية فقد اجتمعت اللجنة يوم الأربعاء الموافق ٢٢ / ١١ / ٢٠٢٣ م لتسليم الموقع في حضور كلا من :-

الهيئة العامة للطرق والكباري _ المنطقه السابعه

١- السيد المهندس / احمد منير كمال (مدير مشروع هيئة الطرق والكباري)

الهيئة العامة للطرق والكباري _ المنطقه السابعه

٢- السيد المهندس / مينا جرجس أمين (مهندس الاشراف هيئة الطرق والكباري)

مكتب الرائد استشاري الجبهه المالكة

٣- السيد المهندس / عمار اسماعيل الشحات (مدير مشروع)

مكتب الدوليه استشاري الاعمال المساحيه

٤- السيد المهندس / أسامة عبدالستار حمدالله (مدير مشروع)

الشركه المنفذه الغازي للمقاولات العمومية

٥- السيد المهندس / أحمد خالد عباس (مدير مشروع)

قامت اللجنة بالمرور علي موقع العمله عاليه ووجدت اللجنة انه لا توجد اي عوائق ظاهريه تعوق البدء في التنفيذ وعاليه يعتبر تاريخ ٢٢ / ١١ / ٢٠٢٣ م هو تاريخ استلام موقع المشروع عاليه .

وهذا محضر منا بذلك

توقيع اللجنة :-

٥-
٤-
٣-
٢-
١-

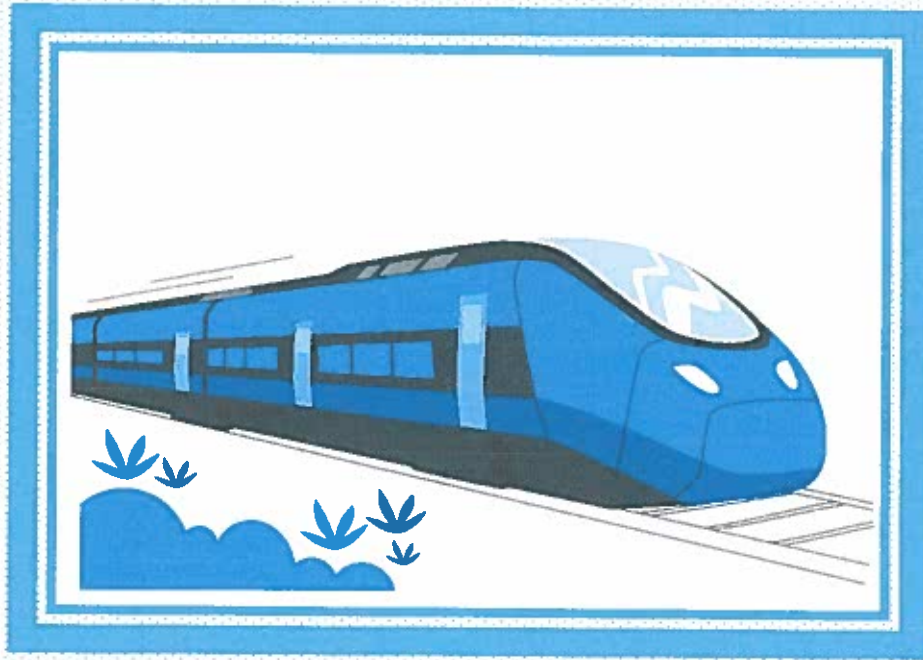


يعتمد

رئيس الاداره المركزيه

مهندس /

م / مصطفى علي مسعود



محضر مسـافة النقل

شركة الغازى للمقاولات العامة

محضر معاينة مسافة النقل

انه في يوم السبت الموافق ٢٠٢٣ / ١١ / ١١ تم التوجه الى محجر الضبع

احداثيات N ٢٦١٦٥٣,٢ - E ٣١٣٤٣٧,٩

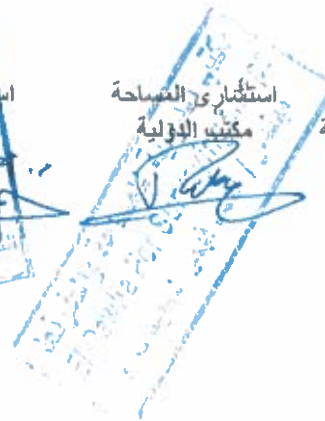
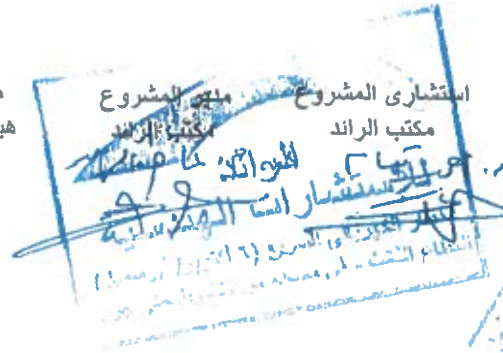
لتحديد مسافة نقل تربة صالحة للردم لأعمال الردم بقطاع شركة الغازى للمقاولات العامة (٧٧٠+٤٤٤ - ٨٠٠+٤٤٥) و تبين أن المسافة إلى منتصف القطاع .

احداثيات N ٢٩٢٤٦٦٨,٩٧ - E ٣٤٧٣١٥,٥٩ هي (٢٧ كم)

فقط سبعة وعشرون كيلو لا غير و عليه جرى التوقيع.

مهندس المشروع
هينة الطرق والكبارى

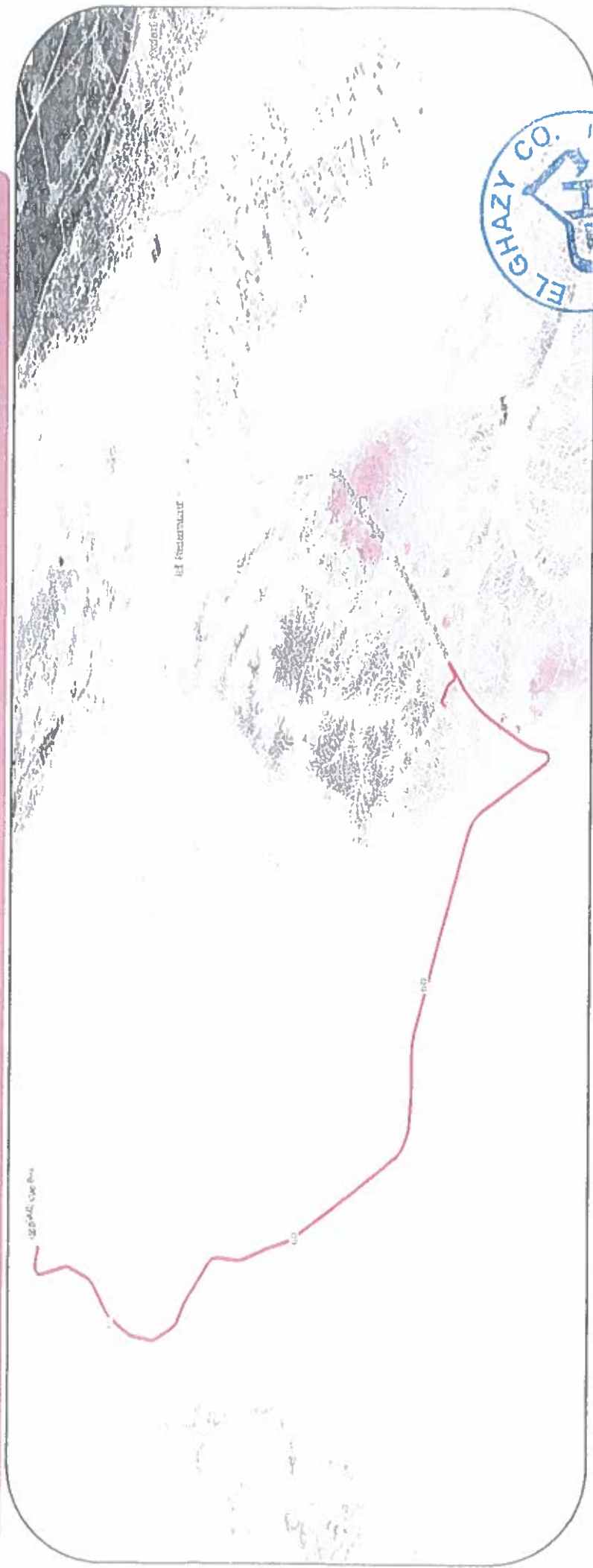
[Signature]



الموقع العام

مشروع القطار الكهربائي السريع (اكتوبر - اسوان) القطاع الثالث

قطاع شركة الغازى للمقاولات العامة من الكم ٧٧٠+٤٤٤ الى الكم ٨٠٠+٤٤٥





خاتمة المدة من ١٠/١٠/٢٠١٩ إلى ١٠/١٠/٢٠٢٠
 لاستطلاع محاور / كشوف / ملاحية رقم ١٩٠٣٦٦١
 بجهة الكوالم... محافظة الوادي الجديد

المشروع من قبله
 الوزارة المعنية للتحقيق
 وزارة الداخلية والمحاور والملاحات

اسم الشركة : الضمير للمقاولات العمومية والتوريدات نوع المادة الخام : تربية ناطقة

مدة التعاقد : من ١٠/١٠/٢٠١٩ إلى ١٠/١٠/٢٠٢٠ الى ١٠/١٠/٢٠٢٠ / ١٠/١٠/٢٠٢٠

طلب المرافقة هبة صليات القوات المسلحة رقم (١٩٠٣٦٦١) بتاريخ ١٠/١٠/٢٠١٩ / ١٠/١٠/٢٠٢٠

الى المدة : من ١٠/١٠/٢٠١٩ إلى ١٠/١٠/٢٠٢٠ الى ١٠/١٠/٢٠٢٠ / ١٠/١٠/٢٠٢٠

١٢٤

تتمتع في : ١٠/١٠/٢٠١٩ إلى ١٠/١٠/٢٠٢٠

التوقيع :
 رتبة / اسم :
 رئيس مجلس إدارة الشركة المضيفة للتعدين
 وإدارة وإستغلال المناجم والملاحات

يلحق
 يتم الإرفاق في إخراجات تجديد المرافقة / عند قبل نهاية المدة
 وذلك في...

001434

السيد المهندس / رئيس الإدارة المركزية
لمنطقة اسيوط
تحية طيبة وبعد

بالإشارة إلى الخطاب الوارد من سيادتكم بخصوص مشروع اعمال الجسر الترابي لمشروع القطار
تحتوى السرى (القوم/سى سويف - الأقصر - اسوان - اوسمبل) القطاع الثالث بالمشروع عاليه تفيد بان
سعر المحسنة للمادة المحجرة لتأثيره بتحميلها ٥ : جنيها / م^٣ (مرفق صورة) .
يتم احتساب قيمة المادة المحجرة طبقا لافادة المنطقة كالتالى :-

- حصص مبلغ ٣ جنية / م^٣ من قيمة المادة المحجرة المحدده بمعرفة المنطقة (تحميل اللودر) .
- يتم اضافة نسبة الهالك و الدمك و الاستقطاعات ليصبح قيمة المادة المحجرة
(٢ : ١,٢٥٦ - ١,١٢٧ - ٥٨,٨ جنية / م^٣)

وتفضلوا بقبول فائق الاحترام ,,,

رئيس قطاع التنفيذ والمناطق
مهندس /
"محسن زهران"

11