

عقد رقم (١٣٩٤/٥٤٣/٢٠٢٤)

الهيئة العامة  
للمنطقة السابعة  
بأسبوط والمنيا  
(GARBLT)



وزارة النقل  
الهيئة العامة للطرق والكباري  
المنطقة السابعة بأسبوط والمنيا  
ملف رقم: ٤٥١٨٨٠

شركة القابضة العامة  
للمنطقة السابعة بأسبوط والمنيا  
بخصوص: ٨٠٠ + ٤٥  
٢٠٢٤ الموافق ٢٨  
تنفيذ: شركة القابضة العامة  
للمنطقة السابعة بأسبوط والمنيا

السيد المهندس / رئيس قطاع التنفيذ والمناطق

٧  
٢٠٢٤/٥/٢٤

تحية طيبة ... وبعد ...

نتشرف بأن نرفق من طية المستخلص رقم ( ١ ) جاري للعملية عالية من أصل وصورتين مرفقا بها استمارة ( ٥٠ ع . ح ) .

برجاء التفضل بلاحظة والتوجيه باتخاذ اللازم نحو المراجعة والصرف والتنبيه بموافقاتنا بصورة من المستخلص بعد المراجعة .

وتفضلوا بقبول فائق الاحترام ،،،

تحريراً في: ٢٠٢٤/٥/٢٤

مرفقات :-  
عدد

( ١ ) مستخلص  
( ١ ) استمارة ٥٠ ع . ح )



رئيس الإدارة المركزية  
المنطقة السابعة بأسبوط/المنيا  
مهندس /  
مصطفى علي احمد مسعود

شركة إقطاع الأراضي  
بخصوص ص ٨٠ + ٤٥ مطول  
٣٨٠ المرفق ٣٨٠

عقد رقم (٤٣/١٣٤٣/٢٠٢٤)  
الهيئة العامة  
للطرق والكباري والنقل البري  
(GARBLT)



وزارة النقل

الهيئة العامة للطرق والكباري والنقل البري  
المنطقة السابعة بأسبوط والمنيا  
ملف رقم: ٤٥١٨٠

تنفيذ: مدير شركة القازي المقاولات  
(عطا سولي غاربي)

السيد المهندس / رئيس قطاع التنفيذ والمناطق

٤٥/١٣٤٣/٢٠٢٤

تحية طيبة ... وبعد ...

نتشرف بأن نرفق من طية المستخلص رقم ( ١ ) جاري للعملية عالية من اصل وصورتين  
مرفقا بها استمارة ( ٥٠ ع . ح ) .

برجاء التفضل بلاحاطة والتوجيه باتخاذ اللازم نحو المراجعة والصرف والتنبيه بموافقاتنا بصورة  
من المستخلص بعد المراجعة .

وتفضلوا بقبول فائق الاحترام ...

تحريراً في ٢٠٢٤/١٣٤٣/٢٠٢٤

مرفقات :-

عدد

( ١ ) مستخلص

( ١ ) استمارة ( ٥٠ ع . ح )

رئيس الإدارة المركزية

المنطقة السابعة بأسبوط/المنيا

مهندس /

مصطفى علي احمد مسعود



الهيئة العامة

للطرق والكباري والنقل البري

بخصوص مشروع تنفيذ انشاء الجسر الترابي

للقطار الكهربائي السريع القطاع الثالث منفلووط / جرجا

في المسافة من كم ( ٤٤٤+٧٧٠ ) الي كم ( ٤٤٥+٨٠٠ ) بطول ١,٠٣ كم

مشروع مشرووع القطار الكهربائي السريع ( اكتوبر - اوسمبل )

من منسوب ١٠,٢٥٠ م حتى منسوب ٨٠ م

شركة الغازي للمقاولات العمومية

( محضر استلام موقع )

إشاره الي العقد رقم ( ١٣٤٣ / ٢٠٢٣ / ٢٠٢٤ ) بين كلا من الهيئة العامة للطرق والكباري وبين شركة الغازي للمقاولات العمومية بتاريخ ٢٨ / ٠٣ / ٢٠٢٤ م لتنفيذ المشروع عالية فقد اجتمعت اللجنة يوم الأحد الموافق ٢٨ / ٠٤ / ٢٠٢٤ م لتسليم الموقع في حضور كلا من :-

- ١- السيد المهندس / احمد منير كمال ( مدير مشروع هيئة الطرق والكباري )  
الهيئة العامة للطرق والكباري \_ المنطقة السابعة
- ٢- السيد المهندس / مينا جرجس أمين ( مهندس الاشراف هيئة الطرق والكباري )  
الهيئة العامة للطرق والكباري \_ المنطقة السابعة
- ٣- السيد المهندس / عمار اسماعيل الشحات ( مدير مشروع )  
مكتب الرائد استشاري الجهة المالكه
- ٤- السيد المهندس / أسامة عبدالستار حمدالله ( مدير مشروع )  
مكتب الدولي استشاري الاعمال المساحيه
- ٥- السيد المهندس / أحمد خالد عباس (مدير مشروع)  
الشركة المنفذه الغازي للمقاولات العمومية

قامت اللجنة بالمرور علي موقع العمله عاليه ووجدت اللجنة انه لا توجد اي عوائق ظاهريه تعوق البدء في التنفيذ وعاليه يعتبر تاريخ ٢٨ / ٠٤ / ٢٠٢٤ م هو تاريخ استلام موقع المشروع عاليه .

وهذا محضر منا بذلك .....

توقيع اللجنة :-

٥- أحمد خالد عباس  
٤- مينا جرجس أمين  
٣- مينا جرجس أمين  
٢- مينا جرجس أمين  
١- مينا جرجس أمين



يعتمد  
مهندس /  
م / مصطفى علي مسعود



الهيئة العامة

للطرق والكباري والنقل البري

مشروع مشروع القطار الكهربائي السريع ( أكتوبر - أبو سميل )

بخصوص مشروع تنفيذ انشاء الجسر الترابي

للقطار الكهربائي السريع القطاع الثالث منقلوط / جرجا

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

من منسوب ١٠,٢٥٠ م حتى منسوب ٨٠ م

شركه الغازي للمقاولات العمومية

( محضر استلام موقع )

إشاره الي العقد رقم ( ١٣٤٣ / ٢٠٢٣ / ٢٠٢٤ ) بين كلا من الهيئة العامة للطرق والكباري وبين شركة الغازي للمقاولات العمومية بتاريخ ٢٨ / ٠٣ / ٢٠٢٤ م لتنفيذ المشروع عالية فقد اجتمعت اللجنة يوم الأحد الموافق ٢٨ / ٠٤ / ٢٠٢٤ م لتسليم الموقع في حضور كلا من :-

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

الهيئة العامة للطرق والكباري \_ المنطقة السابعة

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

الهيئة العامة للطرق والكباري \_ المنطقة السابعة

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

مكتب الرائد استشاري الجهة المالكة

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

مكتب الدولي استشاري الاعمال الساحية

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

الشركه المنفذه الغازي للمقاولات العمومية

قامت اللجنة بالمرور علي موقع العمله عاليه ووجدت اللجنة انه لا توجد اي عوائق ظاهريه تعوق البدء في التنفيذ وعاليه يعتبر تاريخ ٢٨ / ٠٤ / ٢٠٢٤ م هو تاريخ استلام موقع المشروع عاليه .

وهذا محضر منا بذلك .....



توقيع اللجنة :-

٥- أحمد منير كمال  
٤- مينا جرجس أمين  
٣- عمار اسماعيل الشحات  
٢- أسامة عبدالستار حمدالله  
١- أحمد خالد عباس

يعتمد  
مهندس /  
م / مصطفى علي مسعود

(د) الختم ذو التاريخ

(٢) قيد في دفاتر الحسابات المختصة : إماءات موظفى الشطب

(٣) سحب شيك رقم : إماء الكاتب المنوط : إذن صرف

(٤) قيد فى سجل الشيكات تحت رقم : إماء الكاتب المنوط : الحوالات

(٥) أدرج فى كشف الشيكات رقم : إماء الكاتب المنوط : الحوالات

## السيد المهندس / رئيس قطاع التنفيذ والمناطق

تحية طيبة وبعد ...

بخصوص:- تنفيذ أعمال الجسر الترابي (القطاع الثالث / منفلوط / جرجا) المسافة

من كم ٧٧٠+٤٤٤ إلى كم ٨٠٠+٤٤٥ بطول ١٠٣٠ متر من منسوب -٢٥، ١٠

متر الى منسوب -٨ متر من الفرما .

عقد :- ( ٢٠٢٤ / ٢٠٢٣ / ١٣٤٣ )

تنفيذ:- شركة الغازى للمقاولات العمومية.

نتشرف بأن نرفق لسيادتكم طيه مقايضة معدلة رقم ( ١ ) طبقا لأسعار محضر المفاوضة

للمشروع عاليه.

يرجى التكرم من سيادتكم بالاحاطة والعلم والتوجيه بما يلزم.

وتفضلوا سيادتكم بقبول وافر الإحتراء ...

تحريرا في: ٢٠٢٤ / ٠٤ / ٣٠

مرفقات عدد (١) مقايضة معدلة رقم (١)

رئيس الادارة المركزية  
المنطقة السابعة ( أسبوط - المنيا )

مهندس /

مصطفى علي مسعود



خط  
عليه  
القطاع - في مسئلة من منظومة حتى خرجا

## السيد المهندس / رئيس قطاع التنفيذ والمناطق

تحية طيبة وبعد ...

بخصوص:- تنفيذ أعمال الجسر الترابي (القطاع الثالث / منفلوط / جرجا) المسافة من كم ٧٧٠+٤٤٤ إلى كم ٨٠٠+٤٤٥ بطول ١٠٣٠ متر من منسوب -١٠,٢٥ متر الى منسوب -٨ متر من الفرما .

عقد :- (٢٠٢٤/ ٢٠٢٣/ ١٣٤٣).

تنفيذ:- شركة الغازى للمقاولات العمومية عطا متولى غازى .

يرجى التكرم بالإحاطة أن العملية غير تابعة لبروتوكول الشركة المصرية للمحاجر

وتفضلوا سيادتكم بقبول وافر الاحترام ...

تحريرا فى: ٢٠٢٤/٠٤/٣٠

رئيس الادارة المركزية  
المنطقة السابعة (أسبوط - المنيا)  
مهندس /  
مصطفى علي مسعود



## السيد المهندس / رئيس قطاع التنفيذ والمناطق

تحية طيبة وبعد ...

بخصوص:- تنفيذ أعمال الجسر الترابي (القطاع الثالث / منفلووط / جرجا) المسافة من كم ٧٧٠+٤٤٤ إلى كم ٨٠٠+٤٤٥ بطول ١٠٣٠ متر من منسوب -١٠,٢٥ متر الى منسوب -٨ متر من الفرما .

عقد : (٢٠٢٤/ ٢٠٢٣/ ١٣٤٣).

تنفيذ:- شركة الغازى للمقاولات العمومية عطا متولى غازى .

نحيط سيادتكم علماً بالأتى :-

١ - الكرفان المتحرك متواجد.

٢- لا يوجد عمالة محملة علي المشروع.

٣- يوجد سيارة محملة على العقد وغير متواجدة بالموقع .

وتفضلوا سيادتكم بقبول وافر الإحترام ...

تحريراًفى: ٢٠٢٤/٠٤/٣٠

رئيس الادارة المركزية  
المنطقة السابعة ( أسسيوط - المنيا )

مهندس /

مصطفى علي مسعود





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

الكهربائى (أكتوبر - أسوان)

لتنفيذ أعمال الجسر الترابى القطاع الثالث ( منفلوط - جرجا )

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

من منسوب - ١٠,٢٥ م حتى منسوب - ٨ م

اتجاه جرجا (بالأمر المباشر) تنفيذ : الغازى للمقاولات العمومية

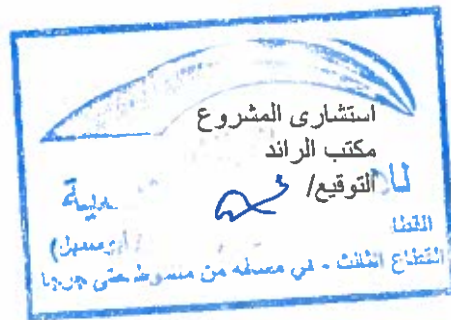
## بيان أعمال

مستخلص جاري (١) عن الفترة من بداية العمل حتى ٢٠٢٤/٤/٣٠ - العقد رقم (٢٠٢٤/٢٠٢٣/١٣٤٣)

| رقم البند | بيان الأعمال                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | الوحدة | الكمية حسب المقايضة | الكمية المنصرفة |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------|-----------------|
| ٩         | أعمال الردم                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                     |                 |
| ٩         | أعمال تحميل وتوريد و نقل اترية مطابقة للمواصفات وتشغيلها باستخدام آلات التسوية بسمك لا يزيد عن ٥٠ سم حتى منسوب - ٢ متر وبسمك لا يزيد عن ٢٥ سم لاستكمال المنسوب التصميمي لتشكيل الجسر والاكتاف نسبة تحمل كالبفورنيا لا تقل عن (١٥%) ورشها بالعمية الأصولية للوصول الى نسبة الرطوبة المطلوبة والدمك الجيد بالهراسات للوصول الى اقصى كثافة جافة (٩٥% من الكثافة الجافة القصوى ) ويتم التنفيذ طبقا للمناسيب التصميمية والقطاعات العرضية التكنولوجية والرسومات التفصيلية المعتمدة والبند بجميع مشتملاته طبقا لاصول الصناعة ومواصفات الهيئة العامة للطرق والكبارى وتعليمات المهندس المشرف فى حالة طلب جهاز الاشراف زيادة نسبة . الدمك عن ٩٥% بحسب زيادة ١ جنية على زيادة نسبة الدمك لكل ١ % | م ٣    | 117,531.22          | 70,800.00       |
|           | مسافة النقل حتى ٢ كم و يتم احتساب علاوة ١,٤ جنية للكم بالزيادة أو النقصان و تصبح ١,٥ جنية / كم ابتداء من ٢٠٢٣/٥/٤                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |                     | 70800.00        |
|           | السعر يشمل عمل تشوينات و تخليط و اختبارات و نقل الموقع العمل .<br>- السعر لا يشمل قيمة المادة المحجربة -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |                     | 70800.00        |
|           | علاوة مسافة نقل ٢٧ كم                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |                     |                 |
|           | قيمة المواد المحجربة للاتربة                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                     |                 |

يعتمد  
مهندس الهيئة  
التوقيع

CH

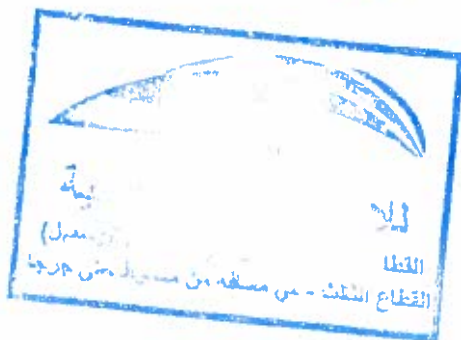




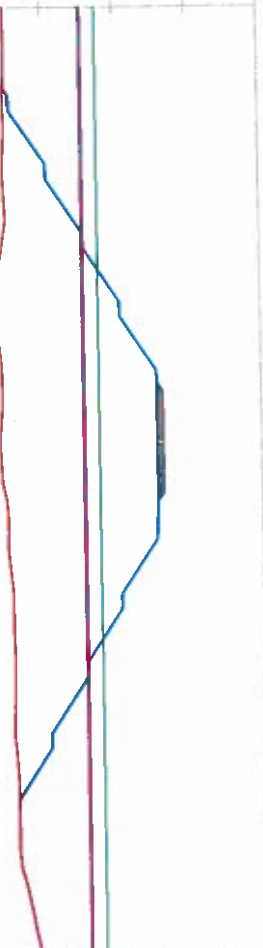


حصر as built لكميات الردم المنفذة لشركة الغازي للمقاولات العامة حتى تاريخ ٢٠٢٤/٠٤/٢٨

| اسم المشروع /                                                                       |                   | مشروع القطر 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 ١٠,٢٥٠ م حتى منسوب ٨ م |                        |
| Station                                                                             | Fill Area (Cu.M.) | Fill Volume (Cu.M.)                                                                                           | Cum. Fill Vol. (Cu.M.) |
| 445+560                                                                             | 120.04            | 2,400.72                                                                                                      | 55573.79               |
| 445+580                                                                             | 119.55            | 2,395.90                                                                                                      | 57969.69               |
| 445+600                                                                             | 117.54            | 2,370.98                                                                                                      | 60340.67               |
| 445+620                                                                             | 114.92            | 2,324.68                                                                                                      | 62665.35               |
| 445+640                                                                             | 113.4             | 2,283.20                                                                                                      | 64948.55               |
| 445+660                                                                             | 102.38            | 2,157.71                                                                                                      | 67106.26               |
| 445+680                                                                             | 100.75            | 2,031.25                                                                                                      | 69137.51               |
| 445+700                                                                             | 98.79             | 1,995.37                                                                                                      | 71132.88               |
| 445+720                                                                             | 89.73             | 1,885.21                                                                                                      | 73018.09               |
| 445+740                                                                             | 93.25             | 1,829.86                                                                                                      | 74847.95               |
| 445+760                                                                             | 76.76             | 1,700.13                                                                                                      | 76548.08               |
| 445+780                                                                             | 37.57             | 1,143.34                                                                                                      | 77691.42               |
| 445+800                                                                             | 10.04             | 476.16                                                                                                        | 78167.57               |
| 445+820                                                                             | 7.84              | 178.83                                                                                                        | 78346.4                |
| 445+840                                                                             | 10.38             | 182.20                                                                                                        | 78528.6                |
| 445+860                                                                             | 8.73              | 92.58                                                                                                         | 78722.03               |
| 445+866.78                                                                          | 5.6               | 48.55                                                                                                         | 78770.59               |
| 78770.59                                                                            |                   | اجمالي كمية الردم (متر مكعب)                                                                                  |                        |
|  |                   | مهندس الشركة                                                                                                  |                        |
|  |                   | مهندس المكتب الفني (مكتب الدولية)                                                                             |                        |
|  |                   | مهندس المكتب الفني (مكتب الرائد)                                                                              |                        |
|  |                   | مدير مشروع استشاري الهيئة (مكتب الرائد)                                                                       |                        |
|  |                   | مهندس الاشراف (هيئة الطرق والكباري)                                                                           |                        |



|            |       |        |            |
|------------|-------|--------|------------|
| 444+770.00 |       |        |            |
| Material   | Area  | Volume | Cum Volume |
| Fill       | 14.78 | 0.00   | 0.00       |



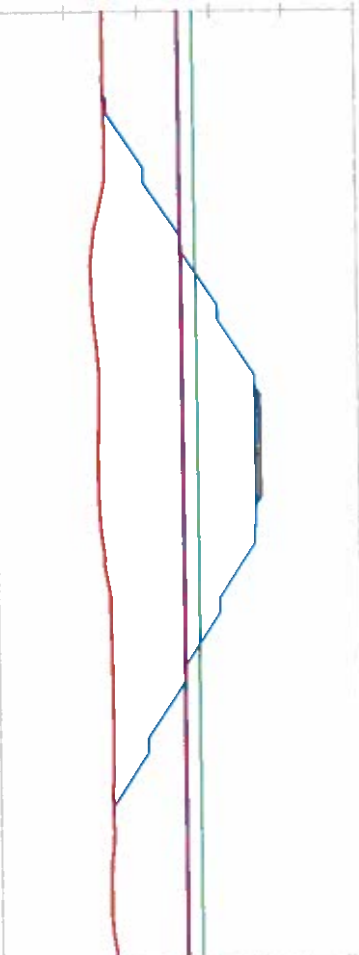
| DIFF   | DESIGN ELEVATIONS | EXISTING ELEVATIONS |
|--------|-------------------|---------------------|
| -0.67  | 325.63            | 325.08              |
| -0.73  | 325.73            | 325.09              |
| -1.92  | 326.97            | 325.11              |
| -3.30  | 328.30            | 325.13              |
| -4.72  | 329.63            | 325.09              |
| -5.90  | 330.73            | 325.05              |
| -6.10  | 330.97            | 324.96              |
| -7.33  | 332.30            | 325.00              |
| -8.56  | 333.63            | 325.04              |
| -9.94  | 334.97            | 324.99              |
| -11.02 | 335.73            | 324.92              |
| -11.91 | 336.30            | 324.87              |
| -13.44 | 337.63            | 324.97              |
| -14.80 | 338.97            | 325.07              |
| -16.16 | 340.30            | 325.03              |
| -16.67 | 340.73            | 324.71              |
| -17.70 | 341.63            | 324.39              |
| -18.95 | 342.97            | 324.20              |
| -20.08 | 344.30            | 324.17              |
| -21.24 | 345.63            | 324.14              |
| -21.38 | 345.79            | 324.06              |
| -21.37 | 345.79            | 323.94              |
| -21.46 | 345.79            | 324.01              |
| -21.62 | 345.79            | 324.22              |
| -21.74 | 345.79            | 324.39              |
| -21.64 | 345.79            | 324.41              |
| -21.54 | 345.79            | 324.43              |
| -21.33 | 345.79            | 324.33              |
| -20.95 | 345.79            | 324.18              |
| -20.75 | 345.73            | 324.05              |
| -20.67 | 345.65            | 324.15              |
| -20.20 | 345.16            | 324.25              |
| -18.75 | 343.83            | 324.46              |
| -17.20 | 342.49            | 324.84              |
| -15.65 | 341.16            | 324.98              |
| -15.04 | 340.59            | 324.98              |
| -14.26 | 339.83            | 324.96              |
| -12.90 | 338.49            | 325.08              |
| -11.53 | 337.16            | 325.29              |
| -10.16 | 335.83            | 325.51              |
| -9.92  | 335.59            | 325.55              |
| -8.84  | 334.49            | 325.57              |
| -7.59  | 333.16            | 325.59              |
| -6.31  | 331.83            | 325.63              |
| -5.12  | 330.59            | 325.67              |
| -4.83  | 330.49            | 325.67              |
| -3.36  | 329.16            | 325.67              |
| -1.93  | 327.83            | 325.65              |
| -0.53  | 326.49            | 325.57              |
|        |                   | 325.52              |
|        |                   | 325.47              |
|        |                   | 325.06              |
|        |                   | 325.80              |
|        |                   | 325.90              |
|        |                   | 325.97              |
|        |                   | 325.90              |
|        |                   | 325.89              |
|        |                   | 325.90              |
|        |                   | 325.94              |
|        |                   | 326.11              |
|        |                   | 326.69              |
|        |                   | 327.12              |
|        |                   | 327.55              |
|        |                   | 327.89              |
|        |                   | 328.35              |
|        |                   | 328.73              |



**ELRAEID Consulting**

1. Definition  
 2. Classification  
 3. Causes  
 4. Pathogenesis  
 5. Pathology  
 6. Diagnosis  
 7. Prognosis  
 8. Treatment

444+780.00



| 444+780.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| FIII       | 14.78 | 147.76 | 147.76     |

| DIFF   | DESIGN ELEVATIONS | EXISTING ELEVATIONS |
|--------|-------------------|---------------------|
| -0.29  | 325.62            | 325.36              |
| -0.33  | 325.72            | 325.33              |
| -1.53  | 326.96            | 325.14              |
| -1.86  | 328.29            | 325.34              |
| -4.20  | 329.61            | 325.31              |
| -5.31  | 330.72            | 325.28              |
| -5.72  | 330.96            | 325.33              |
| -7.47  | 332.29            | 325.39              |
| -9.22  | 333.62            | 325.43              |
| -11.04 | 334.96            | 325.43              |
| -12.06 | 335.72            | 325.42              |
| -12.87 | 336.29            | 325.42              |
| -14.26 | 337.62            | 325.36              |
| -15.52 | 338.96            | 325.44              |
| -16.79 | 340.29            | 325.50              |
| -17.12 | 340.72            | 323.61              |
| -17.80 | 341.62            | 323.83              |
| -18.91 | 342.96            | 324.04              |
| -20.11 | 344.29            | 324.18              |
| -21.33 | 345.62            | 324.30              |
| -21.47 | 345.78            | 324.31              |
| -21.46 | 345.78            | 324.32              |
| -21.49 | 345.78            | 324.29              |
| -21.60 | 345.78            | 324.19              |
| -21.71 | 345.78            | 324.07              |
| -21.71 | 345.78            | 324.08              |
| -21.69 | 345.78            | 324.09              |
| -21.66 | 345.78            | 324.13              |
| -21.60 | 345.78            | 324.19              |
| -21.45 | 345.72            | 324.27              |
| -21.19 | 345.64            | 324.45              |
| -20.43 | 345.15            | 324.72              |
| -19.00 | 343.82            | 324.82              |
| -17.35 | 342.48            | 325.14              |
| -15.66 | 341.15            | 325.48              |
| -15.02 | 340.58            | 325.56              |
| -14.22 | 339.82            | 325.60              |
| -12.86 | 338.48            | 325.62              |
| -11.50 | 337.15            | 325.65              |
| -10.14 | 335.82            | 325.67              |
| -9.88  | 335.58            | 325.71              |
| -8.76  | 334.48            | 325.73              |
| -7.41  | 333.15            | 325.74              |
| -6.06  | 331.82            | 325.75              |
| -4.81  | 330.58            | 325.77              |
| -4.72  | 330.48            | 325.76              |
| -3.44  | 329.15            | 325.71              |
| -2.17  | 327.82            | 325.65              |
| -0.91  | 326.48            | 325.58              |
|        |                   | 325.60              |
|        |                   | 325.63              |
|        |                   | 325.46              |
|        |                   | 325.32              |
|        |                   | 325.30              |
|        |                   | 325.28              |
|        |                   | 325.44              |
|        |                   | 325.73              |

**ELGHAZY :**

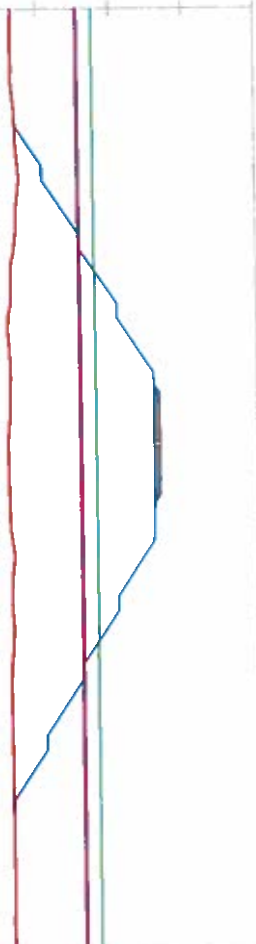


**ELDAWLA:**

**ELRAEID Consulting ::**



# 444+800.00



| 444+800.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| Fill       | 14.78 | 295.52 | 443.28     |

| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF   |
|---------------------|-------------------|--------|
| 326.65              | 328.27            | -1.15  |
| 326.60              | 329.60            | -2.35  |
| 326.59              | 330.70            | -3.26  |
| 326.59              | 330.94            | -3.41  |
| 326.66              | 332.27            | -4.97  |
| 326.57              | 333.60            | -6.53  |
| 326.78              | 334.94            | -7.84  |
| 326.98              | 335.70            | -8.82  |
| 327.06              | 336.27            | -9.65  |
| 327.12              | 337.60            | -11.29 |
| 327.25              | 338.94            | -12.66 |
| 327.44              | 340.27            | -14.02 |
| 327.52              | 340.70            | -14.75 |
| 327.30              | 341.60            | -15.76 |
| 327.07              | 342.94            | -17.00 |
| 327.09              | 344.27            | -18.19 |
| 326.88              | 345.60            | -19.49 |
| 326.62              | 345.76            | -19.68 |
| 326.31              | 345.76            | -19.70 |
| 326.28              | 345.76            | -19.76 |
| 326.24              | 345.76            | -19.94 |
| 325.95              | 345.76            | -20.07 |
| 325.84              | 345.76            | -20.02 |
| 325.84              | 345.76            | -20.01 |
| 325.80              | 345.76            | -20.00 |
| 325.84              | 345.76            | -19.96 |
| 325.97              | 345.70            | -19.86 |
| 326.25              | 345.62            | -19.65 |
| 326.34              | 345.13            | -18.88 |
| 326.13              | 343.80            | -17.46 |
| 326.09              | 342.46            | -16.34 |
| 326.00              | 341.13            | -15.03 |
| 326.12              | 340.56            | -14.56 |
| 326.15              | 339.80            | -13.67 |
| 326.06              | 338.46            | -12.31 |
| 325.87              | 337.13            | -11.07 |
| 325.77              | 335.80            | -9.93  |
| 325.75              | 335.56            | -9.80  |
| 325.75              | 334.46            | -8.71  |
| 325.75              | 333.13            | -7.38  |
| 325.75              | 331.80            | -6.04  |
| 325.77              | 330.56            | -4.79  |
| 325.81              | 330.46            | -4.65  |
| 325.86              | 329.13            | -3.27  |
| 325.88              | 327.80            | -1.92  |
| 325.88              | 326.46            | -0.58  |

ELGHAZY :

ELDAWILA :

ELRAEID Consulting



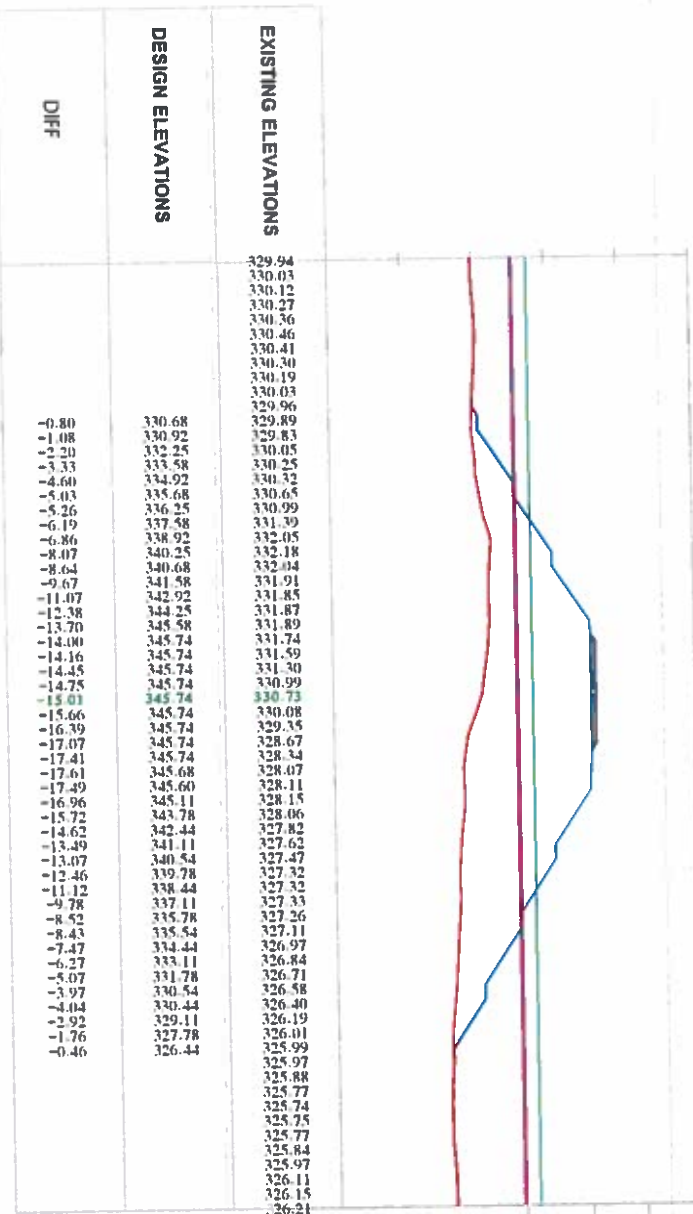


OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE ( Manfout - Garga)  
Al-Ghazl Contracting Company Section From Station 444+770 To 445+800



444+820.00

| 444+820.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| FILL       | 14.78 | 295.52 | 738.81     |



ELGHAZY :

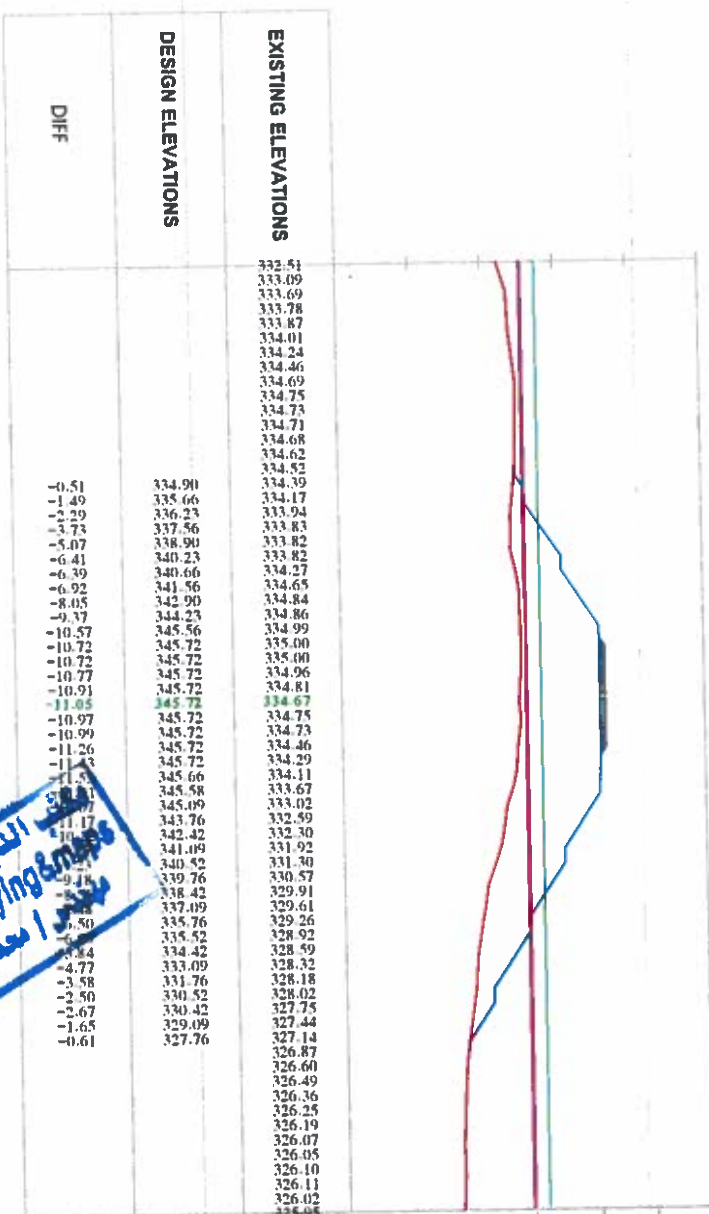
ELDAWLA :

ELRAIED Consulting :



# 444+840.00

| 444+840.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| Fill       | 14.78 | 295.52 | 1034.33    |



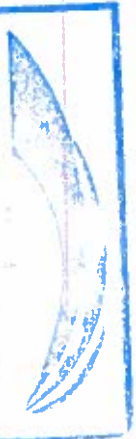
ELGHAZY :



ELDAWILA :

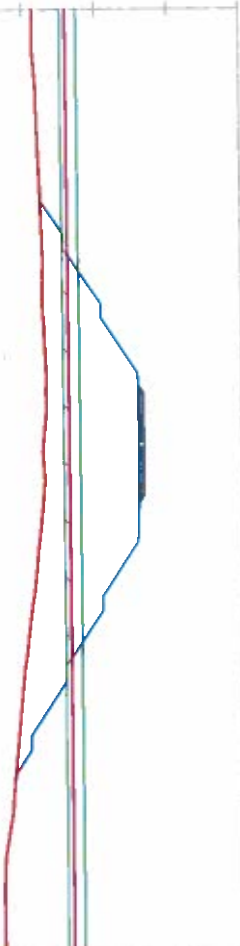
البوابة للمساحة والخرائط  
 El Dawila For Surveying & Mapping  
 محمد فهمي السيد ماسر

ELRAEID Consulting





| 444+880.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| Fill       | 42.81 | 553.29 | 1860.62    |

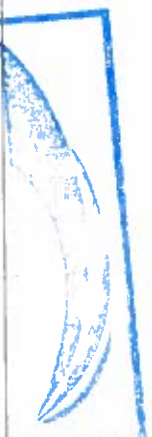


| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF |
|---------------------|-------------------|------|
| 331.68              |                   |      |
| 331.66              |                   |      |
| 331.64              |                   |      |
| 331.66              |                   |      |
| 331.82              |                   |      |
| 331.90              |                   |      |
| 332.05              |                   |      |
| 332.10              |                   |      |
| 332.14              |                   |      |
| 332.19              |                   |      |
| 332.28              |                   |      |
| 332.36              |                   |      |
| 332.45              |                   |      |
| 332.50              |                   |      |
| 332.56              |                   |      |
| 332.61              |                   |      |
| 332.69              |                   |      |
| 332.75              |                   |      |
| 332.75              |                   |      |
| 332.71              |                   |      |
| 332.67              |                   |      |
| 332.74              |                   |      |
| 332.85              |                   |      |
| 332.93              |                   |      |
| 333.01              |                   |      |
| 333.09              |                   |      |
| 333.07              |                   |      |
| 333.06              |                   |      |
| 333.00              |                   |      |
| 332.79              |                   |      |
| <b>332.58</b>       |                   |      |
| 332.60              |                   |      |
| 332.74              |                   |      |
| 332.69              |                   |      |
| 332.50              |                   |      |
| 332.31              |                   |      |
| 332.10              |                   |      |
| 331.85              |                   |      |
| 331.65              |                   |      |
| 331.46              |                   |      |
| 331.22              |                   |      |
| 330.88              |                   |      |
| 330.61              |                   |      |
| 330.34              |                   |      |
| 330.12              |                   |      |
| 329.83              |                   |      |
| 329.60              |                   |      |
| 329.41              |                   |      |
| 329.20              |                   |      |
| 329.00              |                   |      |
| 328.79              |                   |      |
| 328.60              |                   |      |
| 328.38              |                   |      |
| 328.17              |                   |      |
| 328.01              |                   |      |
| 327.85              |                   |      |
| 327.51              |                   |      |
| 327.15              |                   |      |
| 326.82              |                   |      |
| 326.68              |                   |      |
| 326.57              |                   |      |
| 326.54              |                   |      |
| 326.54              |                   |      |
| 326.45              |                   |      |
| 326.58              |                   |      |
| 326.61              |                   |      |

**ELRAEID Consulting**

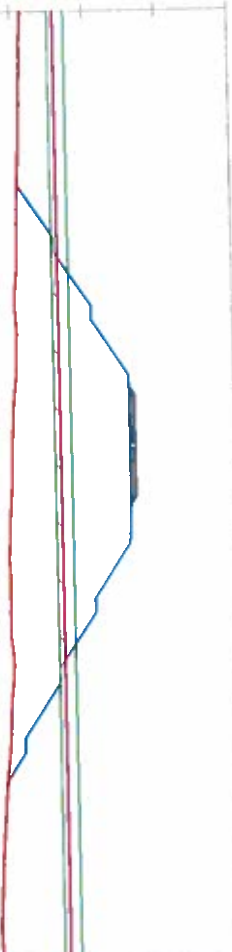


المجلس البلدي  
El Dawila For Surveying & maps  
المجلس البلدي  
المجلس البلدي



El Dawlia For Surveying & maps  
مكتب المساحة والخرائط  
م. محمد فهمي السيد

# 444+920.00



| 444+920.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| Fill       | 42.81 | 856.12 | 3572.86    |

| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF |
|---------------------|-------------------|------|
| 331.68              |                   |      |
| 331.56              |                   |      |
| 331.44              |                   |      |
| 331.39              |                   |      |
| 331.37              |                   |      |
| 331.28              |                   |      |
| 331.24              |                   |      |
| 331.18              |                   |      |
| 331.12              |                   |      |
| 331.04              |                   |      |
| 330.95              |                   |      |
| 330.86              |                   |      |
| 330.76              |                   |      |
| 330.71              |                   |      |
| 330.66              |                   |      |
| 330.61              |                   |      |
| 330.58              |                   |      |
| 330.55              |                   |      |
| 330.46              |                   |      |
| 330.28              |                   |      |
| 330.15              |                   |      |
| 330.23              |                   |      |
| 330.35              |                   |      |
| 330.34              |                   |      |
| 330.28              |                   |      |
| 330.20              |                   |      |
| 329.98              |                   |      |
| 329.77              |                   |      |
| 329.67              |                   |      |
| 329.57              |                   |      |
| 329.48              |                   |      |
| 329.43              |                   |      |
| 329.35              |                   |      |
| 329.25              |                   |      |
| 329.11              |                   |      |
| 329.00              |                   |      |
| 328.90              |                   |      |
| 328.79              |                   |      |
| 328.76              |                   |      |
| 328.85              |                   |      |
| 328.83              |                   |      |
| 328.80              |                   |      |
| 328.77              |                   |      |
| 328.78              |                   |      |
| 329.00              |                   |      |
| 329.12              |                   |      |
| 328.97              |                   |      |
| 328.76              |                   |      |
| 328.60              |                   |      |
| 328.54              |                   |      |
| 328.47              |                   |      |
| 328.29              |                   |      |
| 328.05              |                   |      |
| 327.84              |                   |      |
| 327.66              |                   |      |
| 327.54              |                   |      |
| 327.38              |                   |      |
| 327.23              |                   |      |
| 327.09              |                   |      |
| 327.01              |                   |      |
| 326.92              |                   |      |
| 326.81              |                   |      |
| 326.71              |                   |      |
| 326.63              |                   |      |
| 326.70              |                   |      |
| 326.77              |                   |      |

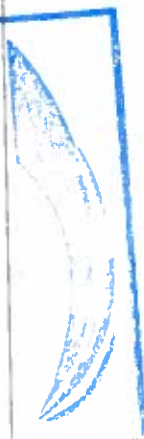


ELGHAZY :

ELDAWILA :

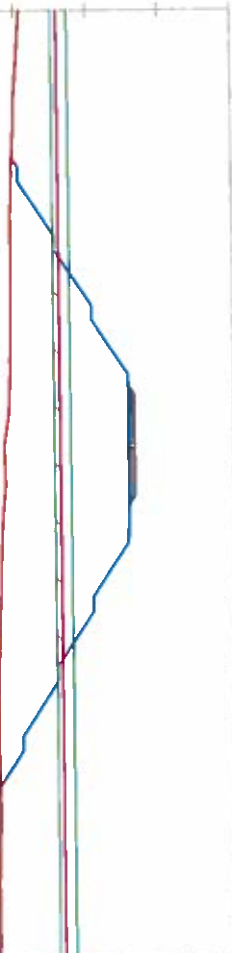
مهندس المساحة والمساحة والخرائط  
El Dawila For Surveying & Maps  
مهندس المساحة / محمد فهمي السيد سالم

ELRAEID Consulting



الخريطة  
الارتفاعات  
في منطقة من خطوط سكة حديد  
الخط 100

|            |       |        |            |
|------------|-------|--------|------------|
| 444+940.00 |       |        |            |
| Material   | Area  | Volume | Cum Volume |
| FIII       | 42.81 | 856.12 | 4428.98    |



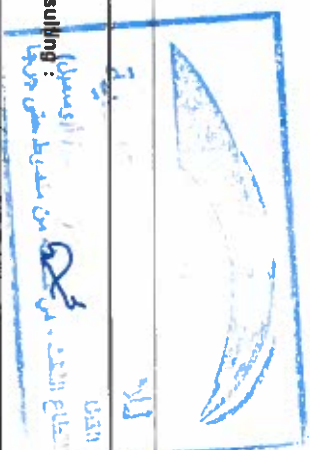
| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF   |
|---------------------|-------------------|--------|
| 330.99              |                   |        |
| 330.82              |                   |        |
| 330.70              |                   |        |
| 330.53              |                   |        |
| 330.38              |                   |        |
| 330.23              |                   |        |
| 330.10              |                   |        |
| 330.03              |                   |        |
| 329.98              |                   |        |
| 329.88              |                   |        |
| 329.78              |                   |        |
| 329.69              | 330.56            | -0.88  |
| 329.65              | 330.80            | -1.15  |
| 329.58              | 332.13            | -2.55  |
| 329.40              | 335.46            | -3.96  |
| 329.47              | 334.80            | -8.33  |
| 329.49              | 335.86            | -6.07  |
| 329.51              | 336.13            | -6.61  |
| 329.47              | 337.46            | -7.99  |
| 329.43              | 338.80            | -9.37  |
| 329.41              | 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 |
| 328.38              | 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            | -13.85 |
| 327.57              | 340.42            | -13.15 |
| 327.50              | 339.66            | -12.11 |
| 327.42              | 338.32            | -10.93 |
| 327.35              | 336.99            | -9.37  |
| 327.28              | 335.66            | -8.57  |
| 327.24              | 335.42            | -8.19  |
| 327.19              | 334.32            | -7.13  |
| 327.14              | 333.99            | -6.85  |
| 327.11              | 331.66            | -4.51  |
| 327.08              | 330.42            | -3.54  |
| 327.15              | 330.32            | -3.17  |
| 327.21              | 328.99            | -1.78  |
| 327.24              | 327.66            | -0.42  |
| 327.23              |                   |        |
| 327.24              |                   |        |
| 327.20              |                   |        |
| 327.12              |                   |        |
| 327.05              |                   |        |
| 327.01              |                   |        |
| 326.97              |                   |        |
| 326.98              |                   |        |
| 327.00              |                   |        |
| 327.02              |                   |        |
| 327.04              |                   |        |
| 326.84              |                   |        |

**ELRAEID Consulting :**



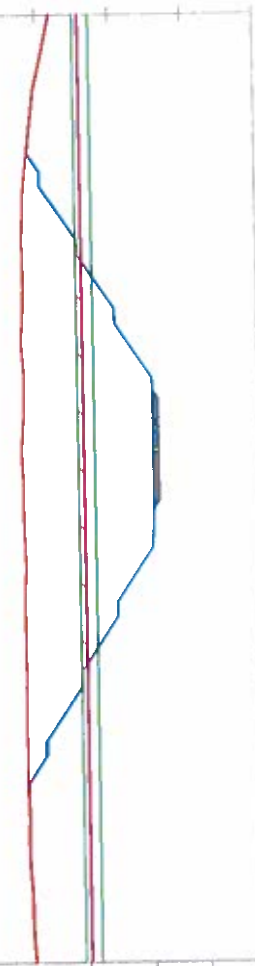
El Dawila For Surveying&maps





Uniting:

# 445+000.00



| Material | Area  | Volume | Cum Volume |
|----------|-------|--------|------------|
| FILL     | 42.81 | 856.12 | 6997.35    |

| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF   |
|---------------------|-------------------|--------|
| 332.20              | 329.40            | -0.66  |
| 331.77              | 330.50            | -1.98  |
| 331.34              | 330.74            | -2.43  |
| 330.88              | 332.07            | -1.88  |
| 330.42              | 333.40            | -5.30  |
| 329.96              | 334.74            | -9.72  |
| 329.66              | 335.50            | -7.51  |
| 329.42              | 336.07            | -8.04  |
| 329.18              | 337.40            | -9.36  |
| 328.96              | 338.74            | -10.71 |
| 328.74              | 340.07            | -12.07 |
| 328.52              | 340.50            | -12.62 |
| 328.30              | 341.40            | -13.65 |
| 328.19              | 342.74            | -14.99 |
| 328.10              | 344.07            | -16.18 |
| 328.01              | 345.40            | -17.37 |
| 328.00              | 345.56            | -17.56 |
| 328.03              | 345.56            | -17.59 |
| 328.04              | 345.56            | -17.71 |
| 328.02              | 345.56            | -17.85 |
| 328.00              | 345.56            | -17.97 |
| 327.88              | 345.56            | -17.93 |
| 327.75              | 345.56            | -17.83 |
| 327.74              | 345.56            | -17.83 |
| 327.89              | 345.56            | -17.82 |
| 328.03              | 345.50            | -17.73 |
| 328.00              | 345.42            | -17.58 |
| 327.97              | 344.93            | -17.03 |
| 327.86              | 343.60            | -15.68 |
| 327.72              | 342.26            | -14.41 |
| 327.59              | 340.93            | -13.16 |
| 327.63              | 340.36            | -12.60 |
| 327.73              | 339.60            | -11.83 |
| 327.73              | 338.26            | -10.44 |
| 327.73              | 336.93            | -7.40  |
| 327.78              | 335.60            | -7.50  |
| 327.79              | 335.36            | -7.50  |
| 327.75              | 334.26            | -7.50  |
| 327.75              | 332.93            | -7.50  |
| 327.75              | 331.60            | -7.50  |
| 327.75              | 330.36            | -7.50  |
| 327.75              | 330.26            | -7.50  |
| 327.75              | 328.93            | -7.50  |
| 327.79              |                   |        |
| 327.85              |                   |        |
| 327.83              |                   |        |
| 327.83              |                   |        |
| 327.83              |                   |        |
| 327.92              |                   |        |
| 328.07              |                   |        |
| 328.13              |                   |        |
| 328.16              |                   |        |
| 328.21              |                   |        |
| 328.33              |                   |        |
| 328.45              |                   |        |

مكتب الدولية للمساحة والخرائط  
 El Dawila For Surveying & Maps  
 محمد فهمي السيد صالح



ELGHAZY :

ELDAWILA :

ELRAEID Contracting :

الشركة  
 للتصاميم الهندسية  
 والبناء

**ELRAEID Consulting :**



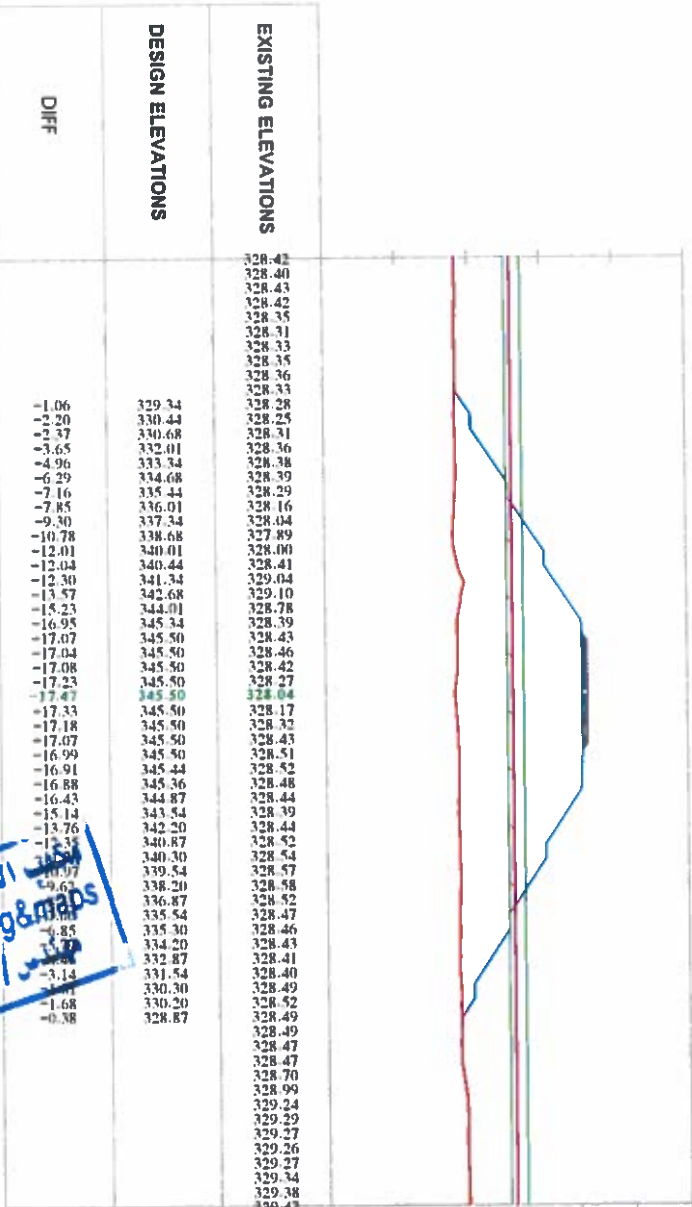


OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE ( Manfout - Gerga)  
Al-Ghazl Contracting Company Section From Station 444+770 To 445+800



# 445+060.00

| 445+060.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| FILL       | 42.81 | 856.12 | 9565.72    |



ELGHAZY :

ELDAWILA :

ELRAIED Consulting :



مكتب الدولة للمساحة والخرائط  
El Dawila For Surveying & Maps  
مهندس / محمد فهمي السيد سالم



445+080.00



| 445+080.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| Fill       | 42.81 | 856.12 | 10421.84   |

[illegible]

-8.35      336.85  
 -7.05      335.12  
 -5.75      334.25  
 -4.45      333.38  
 -3.15      332.50  
 -1.85      331.63  
 -0.55      330.75  
 0.75      329.88  
 2.05      329.00  
 3.35      328.13  
 4.65      327.25  
 5.95      326.38  
 7.25      325.50  
 8.55      324.63  
 9.85      323.75  
 11.15      322.88  
 12.45      322.00  
 13.75      321.13  
 15.05      320.25  
 16.35      319.38  
 17.65      318.50  
 18.95      317.63  
 20.25      316.75  
 21.55      315.88  
 22.85      315.00  
 24.15      314.13  
 25.45      313.25  
 26.75      312.38  
 28.05      311.50  
 29.35      310.63  
 30.65      309.75  
 31.95      308.88  
 33.25      308.00  
 34.55      307.13  
 35.85      306.25  
 37.15      305.38  
 38.45      304.50  
 39.75      303.63  
 41.05      302.75  
 42.35      301.88  
 43.65      301.00  
 44.95      300.13  
 46.25      299.25  
 47.55      298.38  
 48.85      297.50  
 50.15      296.63  
 51.45      295.75  
 52.75      294.88  
 54.05      294.00  
 55.35      293.13  
 56.65      292.25  
 57.95      291.38  
 59.25      290.50  
 60.55      289.63  
 61.85      288.75  
 63.15      287.88  
 64.45      287.00  
 65.75      286.13  
 67.05      285.25  
 68.35      284.38  
 69.65      283.50  
 70.95      282.63  
 72.25      281.75  
 73.55      280.88  
 74.85      280.00  
 76.15      279.13  
 77.45      278.25  
 78.75      277.38  
 80.05      276.50  
 81.35      275.63  
 82.65      274.75  
 83.95      273.88  
 85.25      273.00  
 86.55      272.13  
 87.85      271.25  
 89.15      270.38  
 90.45      269.50  
 91.75      268.63  
 93.05      267.75  
 94.35      266.88  
 95.65      266.00  
 96.95      265.13  
 98.25      264.25  
 99.55      263.38  
 100.85      262.50  
 102.15      261.63  
 103.45      260.75  
 104.75      259.88  
 106.05      259.00  
 107.35      258.13  
 108.65      257.25  
 109.95      256.38  
 111.25      255.50  
 112.55      254.63  
 113.85      253.75  
 115.15      252.88  
 116.45      252.00  
 117.75      251.13  
 119.05      250.25  
 120.35      249.38  
 121.65      248.50  
 122.95      247.63  
 124.25      246.75  
 125.55      245.88  
 126.85      245.00  
 128.15      244.13  
 129.45      243.25  
 130.75      242.38  
 132.05      241.50  
 133.35      240.63  
 134.65      239.75  
 135.95      238.88  
 137.25      238.00  
 138.55      237.13  
 139.85      236.25  
 141.15      235.38  
 142.45      234.50  
 143.75      233.63  
 145.05      232.75  
 146.35      231.88  
 147.65      231.00  
 148.95      230.13  
 150.25      229.25  
 151.55      228.38  
 152.85      227.50  
 154.15      226.63  
 155.45      225.75  
 156.75      224.88  
 158.05      224.00  
 159.35      223.13  
 160.65      222.25  
 161.95      221.38  
 163.25      220.50  
 164.55      219.63  
 165.85      218.75  
 167.15      217.88  
 168.45      217.00  
 169.75      216.13  
 171.05      215.25  
 172.35      214.38  
 173.65      213.50  
 174.95      212.63  
 176.25      211.75  
 177.55      210.88  
 178.85      210.00  
 180.15      209.13  
 181.45      208.25  
 182.75      207.38  
 184.05      206.50  
 185.35      205.63  
 186.65      204.75  
 187.95      203.88  
 189.25      203.00  
 190.55      202.13  
 191.85      201.25  
 193.15      200.38  
 194.45      199.50  
 195.75      198.63  
 197.05      197.75  
 198.35      196.88  
 199.65      196.00  
 200.95      195.13  
 202.25      194.25  
 203.55      193.38  
 204.85      192.50  
 206.15      191.63  
 207.45      190.75  
 208.75      189.88  
 210.05      189.00  
 211.35      188.13  
 212.65      187.25  
 213.95      186.38  
 215.25      185.50  
 216.55      184.63  
 217.85      183.75  
 219.15      182.88  
 220.45      182.00  
 221.75      181.13  
 223.05      180.25  
 224.35      179.38  
 225.65      178.50  
 226.95      177.63  
 228.25      176.75  
 229.55      175.88  
 230.85      175.00  
 232.15      174.13  
 233.45      173.25  
 234.75      172.38  
 236.05      171.50  
 237.35      170.63  
 238.65      169.75  
 239.95      168.88  
 241.25      168.00  
 242.55      167.13  
 243.85      166.25  
 245.15      165.38  
 246.45      164.50  
 247.75      163.63  
 249.05      162.75  
 250.35      161.88  
 251.65      161.00  
 252.95      160.13  
 254.25      159.25  
 255.55      158.38  
 256.85      157.50  
 258.15      156.63  
 259.45      155.75  
 260.75      154.88  
 262.05      154.00  
 263.35      1



**ELDAWLIA :**

ELRAEID Consulting

**دیت**

**سٹوڈنٹ**

**یونیورسٹی**

**کراچی**

**پاکستان**

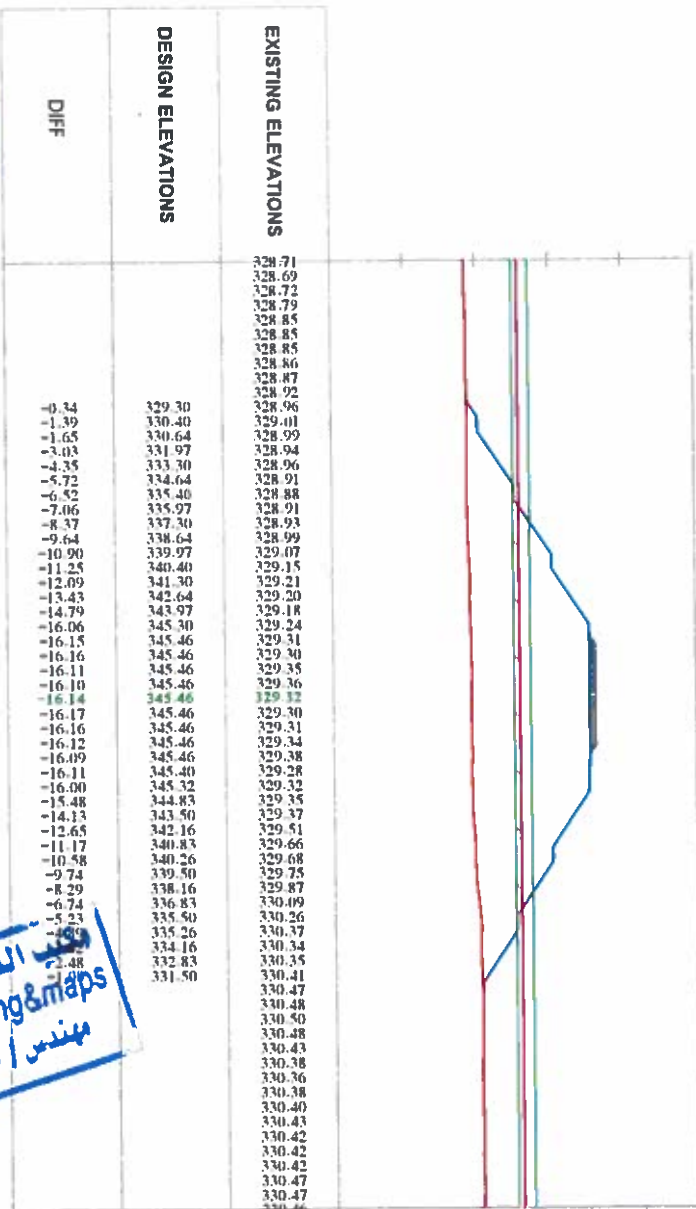


OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE ( Manfout - Gerge)  
Al-Ghazl Contracting Company Section From Station 444+770 To 445+800



# 445+100.00

| 445+100.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| Fill       | 42.81 | 856.12 | 11277.96   |



ELGHAZY :

ELDAWLIA :

ELRAIED Consulting

مكتب الدولية للمساحة والخرائط  
El Dawlia For Surveying&maps  
مهندس / محمد فهمي السيد ماسم



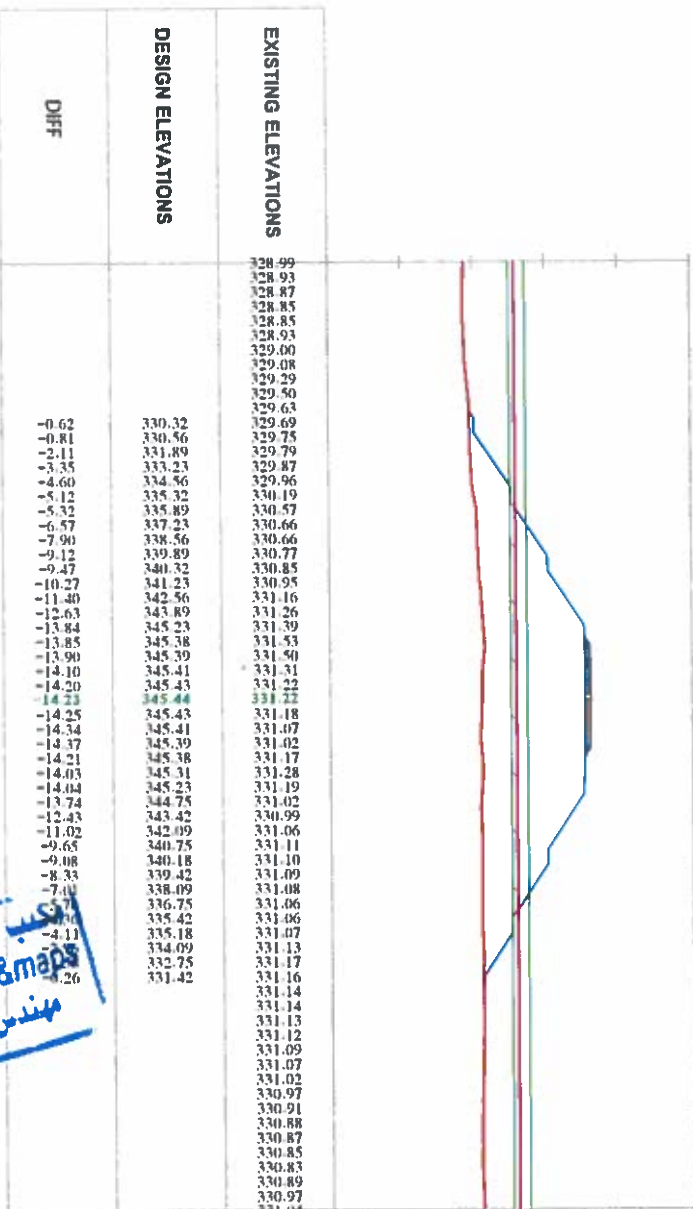


OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE ( Manfout - Gerga)  
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



# 445+120.00

| 445+120.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| FILL       | 42.45 | 852.52 | 12130.49   |



ELGHAZY :

ELDAWLIA :

ELRAEID Consulting :



مكتب الدولية للمساحة والخرائط  
El Dawlia For Surveying & maps  
مهندس / محمد فهد السعيد سالم



**ELRAEID Consulting**

445+160.00

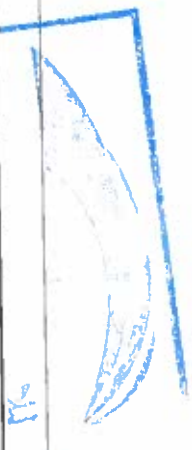


| 445+160.00 |       |         |            |
|------------|-------|---------|------------|
| Material   | Area  | Volume  | Cum Volume |
| Fill       | 95.25 | 1909.14 | 15420.69   |

| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF   |
|---------------------|-------------------|--------|
| 329.49              | 330.14            | -0.14  |
| 329.41              | 330.41            | -0.14  |
| 329.51              | 331.74            | -1.59  |
| 329.46              | 333.07            | -2.85  |
| 329.48              | 334.41            | -4.05  |
| 329.44              | 335.14            | -4.63  |
| 329.94              | 335.74            | -5.08  |
| 330.00              | 337.07            | -6.27  |
| 329.97              | 338.41            | -7.45  |
| 329.94              | 339.74            | -8.63  |
| 330.00              | 340.14            | -8.88  |
| 330.07              | 341.07            | -9.58  |
| 330.15              | 342.41            | -10.68 |
| 330.22              | 343.74            | -11.77 |
| 330.36              | 345.07            | -12.66 |
| 330.51              | 345.21            | -12.61 |
| 330.66              | 345.26            | -12.69 |
| 330.80              | 345.31            | -12.71 |
| 330.96              | 345.35            | -12.71 |
| 331.11              | 345.40            | -12.74 |
| 331.26              | 345.35            | -12.67 |
| 331.50              | 345.31            | -12.53 |
| 331.73              | 345.26            | -12.42 |
| 331.97              | 345.21            | -12.29 |
| 332.42              | 345.14            | -12.08 |
| 332.60              | 345.06            | -11.80 |
| 332.67              | 344.60            | -11.17 |
| 332.60              | 343.27            | -9.72  |
| 332.64              | 341.93            | -8.22  |
| 332.66              | 340.60            | -6.73  |
| 332.68              | 340.00            | -6.02  |
| 332.77              | 339.27            | -5.17  |
| 332.84              | 337.93            | -3.89  |
| 332.92              | 336.60            | -2.69  |
| 333.05              | 335.27            | -0.62  |
| 333.26              | 335.00            | -0.62  |
| 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              |                   |        |
| 335.78              |                   |        |
| 335.89              |                   |        |
| 335.96              |                   |        |
| 336.01              |                   |        |
| 336.04              |                   |        |
| 336.06              |                   |        |
| 336.07              |                   |        |
| 336.08              |                   |        |
| 336.09              |                   |        |
| 336.10              |                   |        |
| 336.11              |                   |        |
| 336.12              |                   |        |
| 336.13              |                   |        |
| 336.14              |                   |        |
| 336.15              |                   |        |
| 336.16              |                   |        |
| 336.17              |                   |        |
| 336.18              |                   |        |
| 336.19              |                   |        |
| 336.20              |                   |        |
| 336.21              |                   |        |
| 336.22              |                   |        |
| 336.23              |                   |        |
| 336.24              |                   |        |
| 336.25              |                   |        |
| 336.26              |                   |        |
| 336.27              |                   |        |
| 336.28              |                   |        |
| 336.29              |                   |        |
| 336.30              |                   |        |
| 336.31              |                   |        |
| 336.32              |                   |        |
| 336.33              |                   |        |
| 336.34              |                   |        |
| 336.35              |                   |        |
| 336.36              |                   |        |
| 336.37              |                   |        |
| 336.38              |                   |        |
| 336.39              |                   |        |
| 336.40              |                   |        |
| 336.41              |                   |        |
| 336.42              |                   |        |
| 336.43              |                   |        |
| 336.44              |                   |        |
| 336.45              |                   |        |
| 336.46              |                   |        |
| 336.47              |                   |        |
| 336.48              |                   |        |
| 336.49              |                   |        |
| 336.50              |                   |        |
| 336.51              |                   |        |
| 336.52              |                   |        |
| 336.53              |                   |        |
| 336.54              |                   |        |
| 336.55              |                   |        |
| 336.56              |                   |        |
| 336.57              |                   |        |
| 336.58              |                   |        |
| 336.59              |                   |        |
| 336.60              |                   |        |
| 336.61              |                   |        |
| 336.62              |                   |        |
| 336.63              |                   |        |
| 336.64              |                   |        |
| 336.65              |                   |        |
| 336.66              |                   |        |
| 336.67              |                   |        |
| 336.68              |                   |        |
| 336.69              |                   |        |
| 336.70              |                   |        |
| 336.71              |                   |        |
| 336.72              |                   |        |
| 336.73              |                   |        |
| 336.74              |                   |        |
| 336.75              |                   |        |
| 336.76              |                   |        |
| 336.77              |                   |        |
| 336.78              |                   |        |
| 336.79              |                   |        |
| 336.80              |                   |        |
| 336.81              |                   |        |
| 336.82              |                   |        |
| 336.83              |                   |        |
| 336.84              |                   |        |
| 336.85              |                   |        |
| 336.86              |                   |        |
| 336.87              |                   |        |
| 336.88              |                   |        |
| 336.89              |                   |        |
| 336.90              |                   |        |
| 336.91              |                   |        |
| 336.92              |                   |        |
| 336.93              |                   |        |
| 336.94              |                   |        |
| 336.95              |                   |        |
| 336.96              |                   |        |
| 336.97              |                   |        |
| 336.98              |                   |        |
| 336.99              |                   |        |
| 337.00              |                   |        |



الدولة للمساحة والخرائط  
El Dawla For Surveying & maps  
مهندسين / محمد فهد السيد سالم



ELRAIED Consulting

445+180.00

| Material | Area  | Volume  | Cum Volume |
|----------|-------|---------|------------|
| Fill     | 94.96 | 1902.14 | 17322.83   |

| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF |
|---------------------|-------------------|------|
| 329.53              |                   |      |
| 329.51              |                   |      |
| 329.51              |                   |      |
| 329.51              |                   |      |
| 329.51              |                   |      |
| 329.54              |                   |      |
| 329.56              |                   |      |
| 329.60              |                   |      |
| 329.66              |                   |      |
| 329.70              |                   |      |
| 329.75              |                   |      |
| 329.88              |                   |      |
| 329.97              |                   |      |
| 330.07              |                   |      |
| 330.17              |                   |      |
| 330.24              |                   |      |
| 330.31              |                   |      |
| 330.38              |                   |      |
| 330.46              |                   |      |
| 330.71              |                   |      |
| 330.96              |                   |      |
| 331.16              |                   |      |
| 331.33              |                   |      |
| 331.50              |                   |      |
| 331.60              |                   |      |
| 331.63              |                   |      |
| 331.73              |                   |      |
| 331.88              |                   |      |
| 331.98              |                   |      |
| 332.08              |                   |      |
| 332.25              |                   |      |
| 332.47              |                   |      |
| 332.50              |                   |      |
| 332.55              |                   |      |
| 332.60              |                   |      |
| 332.63              |                   |      |
| 332.79              |                   |      |
| 333.06              |                   |      |
| 333.23              |                   |      |
| 333.48              |                   |      |
| 333.79              |                   |      |
| 334.24              |                   |      |
| 334.68              |                   |      |
| 334.88              |                   |      |
| 335.12              |                   |      |
| 335.41              |                   |      |
| 335.75              |                   |      |
| 336.07              |                   |      |
| 336.29              |                   |      |
| 336.49              |                   |      |
| 336.67              |                   |      |
| 336.85              |                   |      |
| 337.02              |                   |      |
| 337.15              |                   |      |
| 337.29              |                   |      |
| 337.31              |                   |      |
| 337.32              |                   |      |
| 337.29              |                   |      |
| 337.21              |                   |      |
| 337.12              |                   |      |
| 336.94              |                   |      |
| 336.77              |                   |      |
| 336.57              |                   |      |
| 336.26              |                   |      |
| 335.95              |                   |      |
| 330.05              |                   |      |
| 330.33              |                   |      |
| 331.67              |                   |      |
| 333.00              |                   |      |
| 334.33              |                   |      |
| 335.05              |                   |      |
| 335.67              |                   |      |
| 337.00              |                   |      |
| 338.33              |                   |      |
| 339.67              |                   |      |
| 340.05              |                   |      |
| 341.00              |                   |      |
| 342.33              |                   |      |
| 343.67              |                   |      |
| 345.00              |                   |      |
| 345.13              |                   |      |
| 345.19              |                   |      |
| 345.25              |                   |      |
| 345.32              |                   |      |
| 345.38              |                   |      |
| 345.32              |                   |      |
| 345.32              |                   |      |
| 345.32              |                   |      |
| 345.25              |                   |      |
| 345.19              |                   |      |
| 345.13              |                   |      |
| 345.05              |                   |      |
| 344.97              |                   |      |
| 344.53              |                   |      |
| 343.19              |                   |      |
| 341.86              |                   |      |
| 340.53              |                   |      |
| 339.91              |                   |      |
| 339.19              |                   |      |
| 337.86              |                   |      |
| 336.53              |                   |      |
| 335.19              |                   |      |
| 330.30              |                   |      |
| 330.45              |                   |      |
| 331.69              |                   |      |
| 332.93              |                   |      |
| 334.16              |                   |      |
| 335.81              |                   |      |
| 335.35              |                   |      |
| 336.62              |                   |      |
| 337.87              |                   |      |
| 338.96              |                   |      |
| 339.10              |                   |      |
| 340.84              |                   |      |
| 341.00              |                   |      |
| 342.17              |                   |      |
| 343.40              |                   |      |
| 343.50              |                   |      |
| 343.46              |                   |      |
| 343.38              |                   |      |
| 343.33              |                   |      |
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| 343.07              |                   |      |
| 342.79              |                   |      |
| 342.69              |                   |      |
| 342.77              |                   |      |
| 342.65              |                   |      |
| 342.34              |                   |      |
| 341.74              |                   |      |
| 340.14              |                   |      |
| 338.63              |                   |      |
| 337.04              |                   |      |
| 335.95              |                   |      |
| 334.18              |                   |      |
| 332.53              |                   |      |
| 330.19              |                   |      |

ELGHAZY :

ELDAWLIA :

ELRAIED Consulting :



مكتب المساحة والخرائط  
El Dawlia For Surveying & Maps  
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# 445+200.00

| Material | Area  | Volume  | Cum Volume |
|----------|-------|---------|------------|
| Fill     | 94.67 | 1896.26 | 19219.09   |

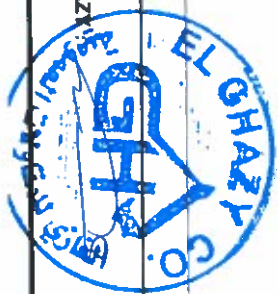
| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF |
|---------------------|-------------------|------|
| 329.75              |                   |      |
| 329.73              |                   |      |
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| 329.69              |                   |      |
| 329.69              |                   |      |
| 329.69              |                   |      |
| 329.62              |                   |      |
| 329.53              |                   |      |
| 329.51              |                   |      |
| 329.58              |                   |      |
| 329.65              |                   |      |
| 329.72              |                   |      |
| 329.83              |                   |      |
| 329.88              |                   |      |
| 329.93              |                   |      |
| 329.97              |                   |      |
| 330.02              |                   |      |
| 330.05              |                   |      |
| 330.06              |                   |      |
| 330.03              |                   |      |
| 330.00              |                   |      |
| 329.96              |                   |      |
| 329.98              |                   |      |
| 330.05              |                   |      |
| 330.12              |                   |      |
| 330.22              |                   |      |
| 330.32              |                   |      |
| 330.42              |                   |      |
| 330.48              |                   |      |
| 330.60              |                   |      |
| 330.73              |                   |      |
| 330.85              |                   |      |
| 331.04              |                   |      |
| 331.27              |                   |      |
| 331.46              |                   |      |
| 331.55              |                   |      |
| 331.64              |                   |      |
| 331.81              |                   |      |
| 331.96              |                   |      |
| 332.05              |                   |      |
| 332.21              |                   |      |
| 332.41              |                   |      |
| 332.68              |                   |      |
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| 333.11              |                   |      |
| 333.30              |                   |      |
| 333.50              |                   |      |
| 333.77              |                   |      |
| 334.05              |                   |      |
| 334.34              |                   |      |
| 334.48              |                   |      |
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| 334.59              |                   |      |
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| 334.73              |                   |      |
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| 334.90              |                   |      |
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| 335.84              |                   |      |
| 329.97              |                   |      |
| 330.26              |                   |      |
| 331.49              |                   |      |
| 332.02              |                   |      |
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| 343.49              |                   |      |
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| 344.88              |                   |      |
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| 339.12              |                   |      |
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| 335.12              |                   |      |
| 334.83              |                   |      |
| 333.78              |                   |      |



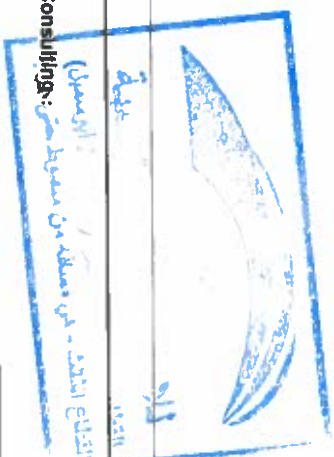
ELGHAZI

ELDAWILA :

ELRAEID Consulting: (المستشار)

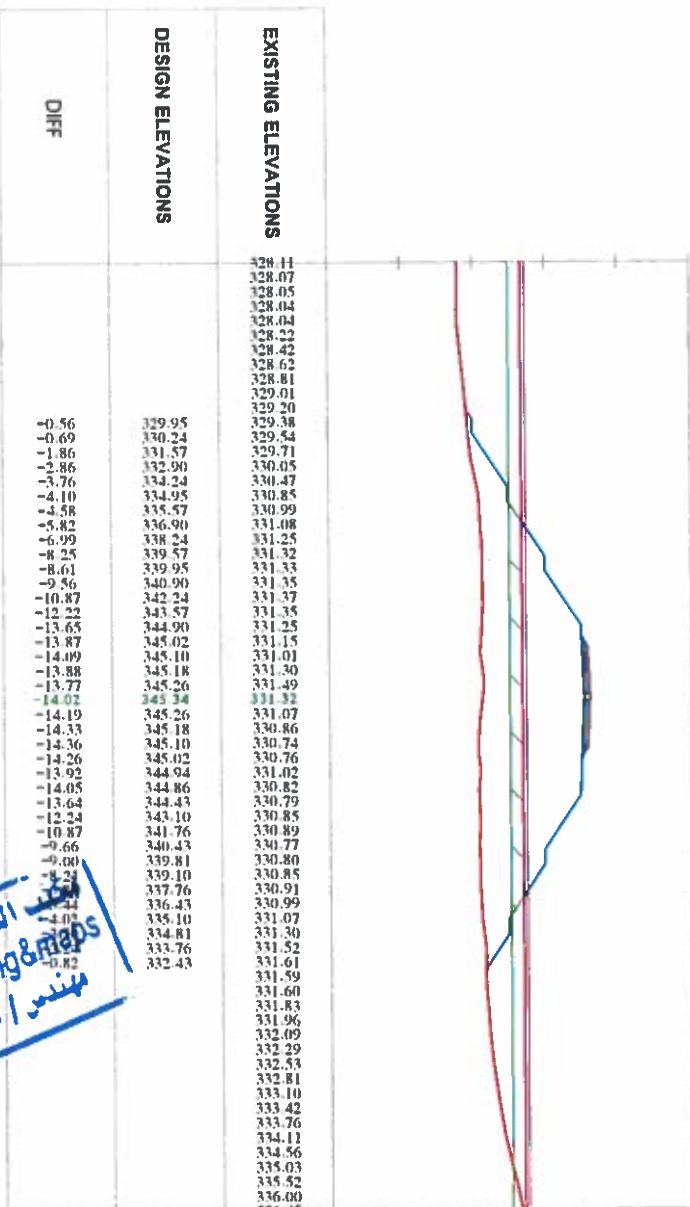


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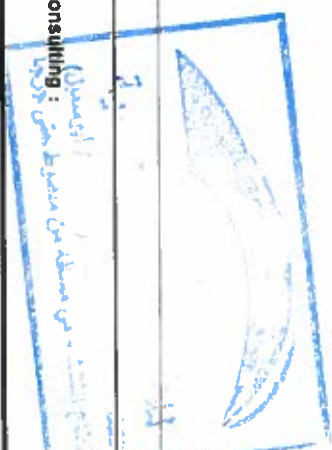


445+220.00

| Material | Area  | Volume  | Cum Volume |
|----------|-------|---------|------------|
| Fill     | 94.67 | 1893.32 | 21112.42   |

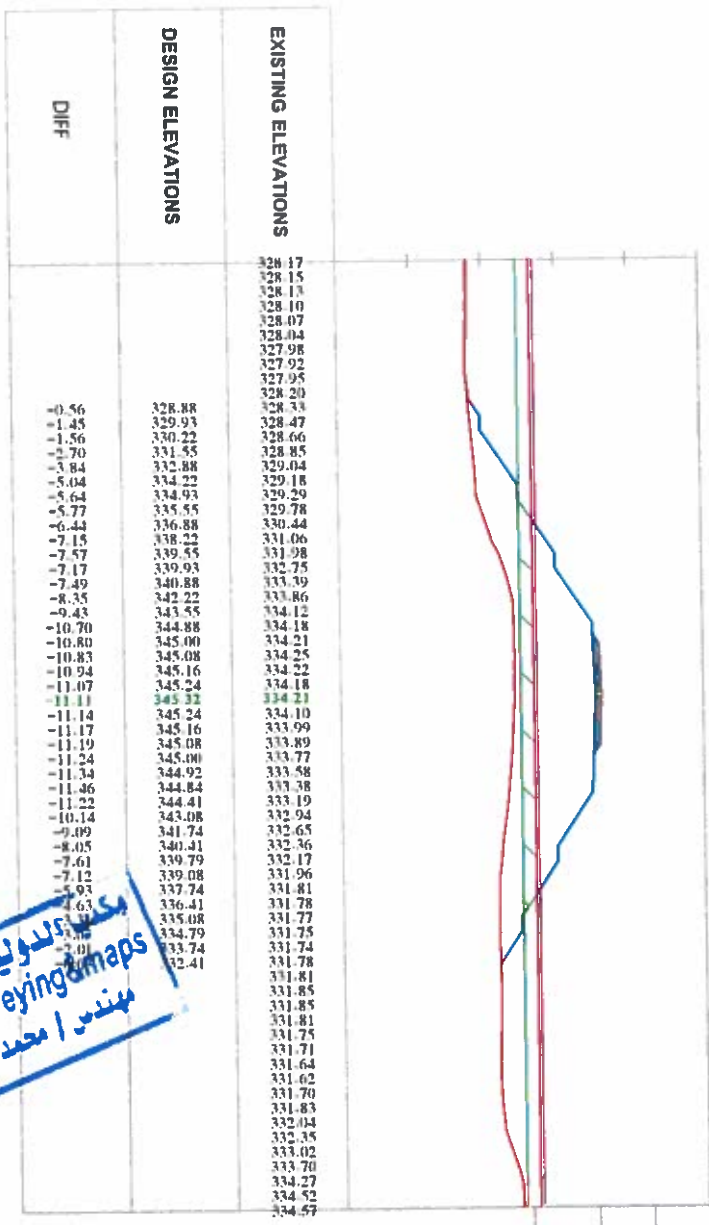


المكتب الدولي للمساحة والخرائط  
El Dawila For Surveying & Maps  
مهندس / محمد فهد السعيد سالم



# 445+240.00

| 445+240.00 |       |         |            |
|------------|-------|---------|------------|
| Material   | Area  | Volume  | Cum Volume |
| FILL       | 94.67 | 1893.32 | 23005.74   |



مكتب الدولية للمساحة والخرائط  
 El Dawlia For Surveying & maps  
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ELDAWLIA :

ELRAIED Consulting



445+260.00

| Material | Area  | Volume  | Cum Volume |
|----------|-------|---------|------------|
| Fill     | 94.67 | 1893.32 | 24899.06   |

| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF  |
|---------------------|-------------------|-------|
| 328.96              | 329.91            | 0.65  |
| 328.83              | 330.20            | 0.63  |
| 328.70              | 331.53            | 0.06  |
| 328.53              | 332.86            | 0.39  |
| 328.43              | 334.20            | 4.77  |
| 328.38              | 334.91            | 5.52  |
| 328.37              | 335.53            | 6.19  |
| 328.41              | 336.86            | 7.56  |
| 328.49              | 338.20            | 8.92  |
| 328.57              | 339.53            | 9.95  |
| 328.94              | 339.91            | 9.90  |
| 329.25              | 340.86            | 10.11 |
| 329.57              | 342.20            | 11.81 |
| 329.47              | 343.53            | 12.55 |
| 329.43              | 344.86            | 12.21 |
| 329.39              | 344.98            | 11.80 |
| 329.34              | 345.06            | 11.27 |
| 329.30              | 345.14            | 10.84 |
| 329.27              | 345.22            | 10.92 |
| 329.58              | 345.30            | 10.85 |
| 330.01              | 345.22            | 10.64 |
| 330.75              | 345.14            | 10.53 |
| 331.19              | 345.06            | 10.42 |
| 331.72              | 344.98            | 10.46 |
| 332.32              | 344.90            | 10.57 |
| 332.77              | 344.82            | 10.33 |
| 333.27              | 344.49            | 9.17  |
| 333.87              | 343.06            | 7.95  |
| 334.39              | 341.72            | 6.73  |
| 334.38              | 340.39            | 6.22  |
| 334.50              | 339.77            | 5.09  |
| 334.53              | 339.06            | 4.17  |
| 334.47              | 337.72            | 2.81  |
| 334.44              | 336.39            | 2.31  |
| 334.25              | 335.06            | 2.34  |
| 334.06              | 334.77            | 2.38  |
| 333.89              |                   |       |
| 333.77              |                   |       |
| 333.66              |                   |       |
| 333.54              |                   |       |
| 333.66              |                   |       |
| 333.85              |                   |       |
| 333.92              |                   |       |
| 333.80              |                   |       |
| 333.72              |                   |       |
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| 333.53              |                   |       |
| 333.29              |                   |       |
| 333.06              |                   |       |
| 332.89              |                   |       |
| 332.85              |                   |       |
| 332.83              |                   |       |
| 332.83              |                   |       |
| 332.82              |                   |       |
| 332.87              |                   |       |
| 332.91              |                   |       |
| 332.91              |                   |       |
| 332.93              |                   |       |
| 333.09              |                   |       |
| 333.22              |                   |       |
| 333.29              |                   |       |
| 333.52              |                   |       |
| 333.78              |                   |       |

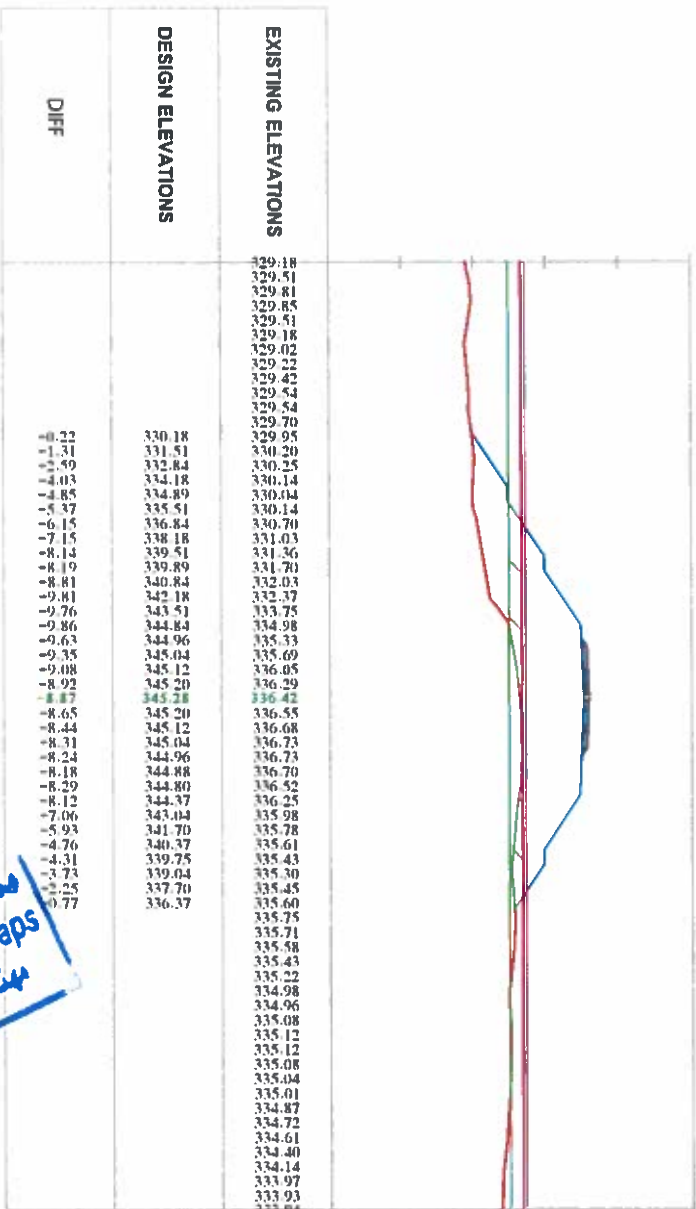


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El Dawila For Surveying & Mapping  
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# 445+280.00

| 445+280.00 |       |         |            |
|------------|-------|---------|------------|
| Material   | Area  | Volume  | Cum Volume |
| FILL       | 55.34 | 1500.05 | 26399.11   |



ELGHAZY

ELDAWILA :

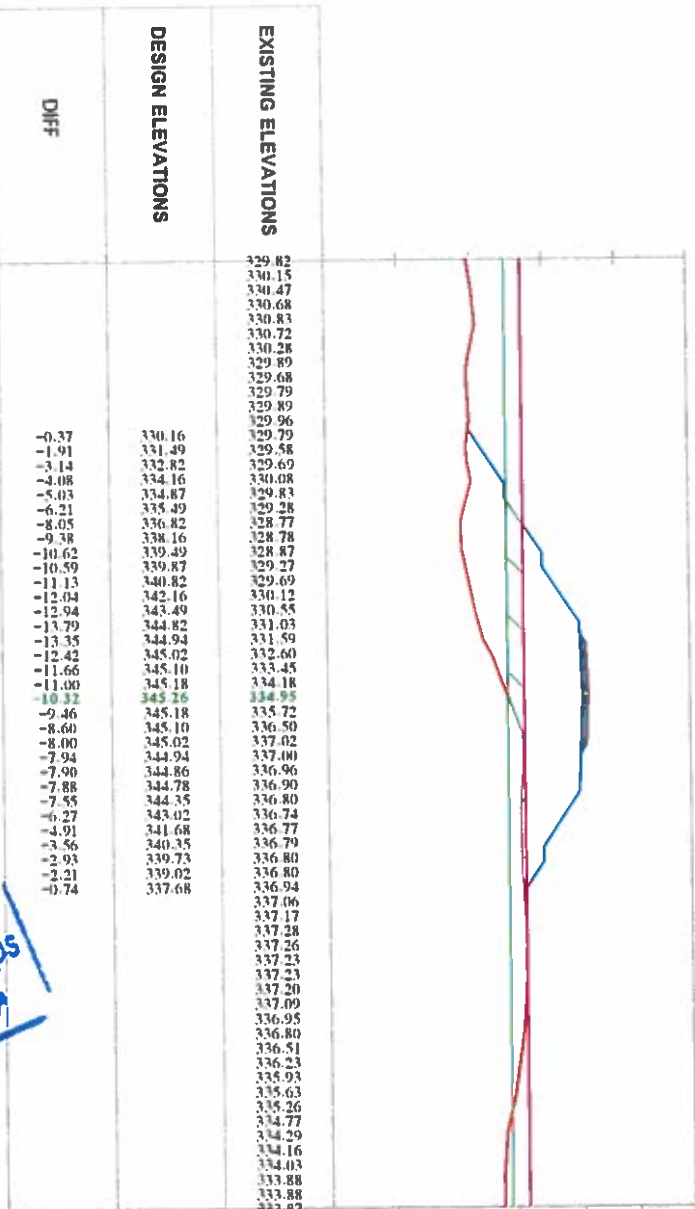
ELRAIED Consulting :

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El Dawila For Surveying & maps  
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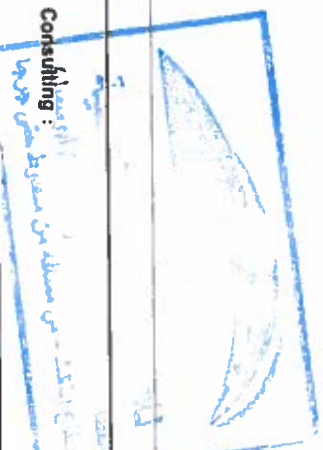
الخبر - من مكتبه من مسقط رأسه  
الخبر - من مكتبه من مسقط رأسه

# 445+300.00

| Material | Area  | Volume  | Cum Volume |
|----------|-------|---------|------------|
| FILL     | 71.71 | 1270.53 | 27669.64   |



مكتب المساحة والخرائط  
El Dawila For Surveying & Maps  
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# 445+320.00



| 445+320.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 114.19 | 1859.01 | 29528.65   |

| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF   |
|---------------------|-------------------|--------|
| 339.44              | 331.47            | -0.76  |
| 339.87              | 332.80            | -1.86  |
| 339.69              | 334.14            | -2.96  |
| 339.51              | 334.85            | -3.47  |
| 339.36              | 335.47            | -4.18  |
| 339.45              | 336.80            | -5.64  |
| 339.54              | 338.14            | -7.54  |
| 339.63              | 339.47            | -9.44  |
| 339.72              | 339.85            | -10.09 |
| 339.86              | 340.80            | -10.83 |
| 340.05              | 342.14            | -11.98 |
| 340.24              | 343.47            | -13.14 |
| 340.42              | 344.80            | -14.01 |
| 340.70              | 344.92            | -13.43 |
| 340.95              | 345.00            | -12.80 |
| 341.18              | 345.08            | -12.18 |
| 341.38              | 345.16            | -11.46 |
| 341.29              | 345.24            | -11.15 |
| 341.17              | 345.16            | -10.99 |
| 340.60              | 345.08            | -10.98 |
| 340.03              | 345.00            | -10.97 |
| 339.75              | 344.92            | -10.98 |
| 339.97              | 344.84            | -11.04 |
| 340.15              | 344.76            | -11.10 |
| 340.33              | 344.33            | -10.71 |
| 340.60              | 343.00            | -8.92  |
| 340.80              | 341.66            | -7.11  |
| 341.00              | 340.33            | -5.31  |
| 341.20              | 339.71            | -3.44  |
| 341.40              | 339.00            | -1.87  |
| 341.60              | 337.66            | -1.87  |
| 341.80              | 336.33            | -1.87  |
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| 397.80              |                   |        |
| 398.00              |                   |        |
| 398.20              |                   |        |
| 398.40              |                   |        |
| 398.60              |                   |        |
| 398.80              |                   |        |
| 399.00              |                   |        |
| 399.20              |                   |        |
| 399.40              |                   |        |
| 399.60              |                   |        |
| 399.80              |                   |        |
| 400.00              |                   |        |

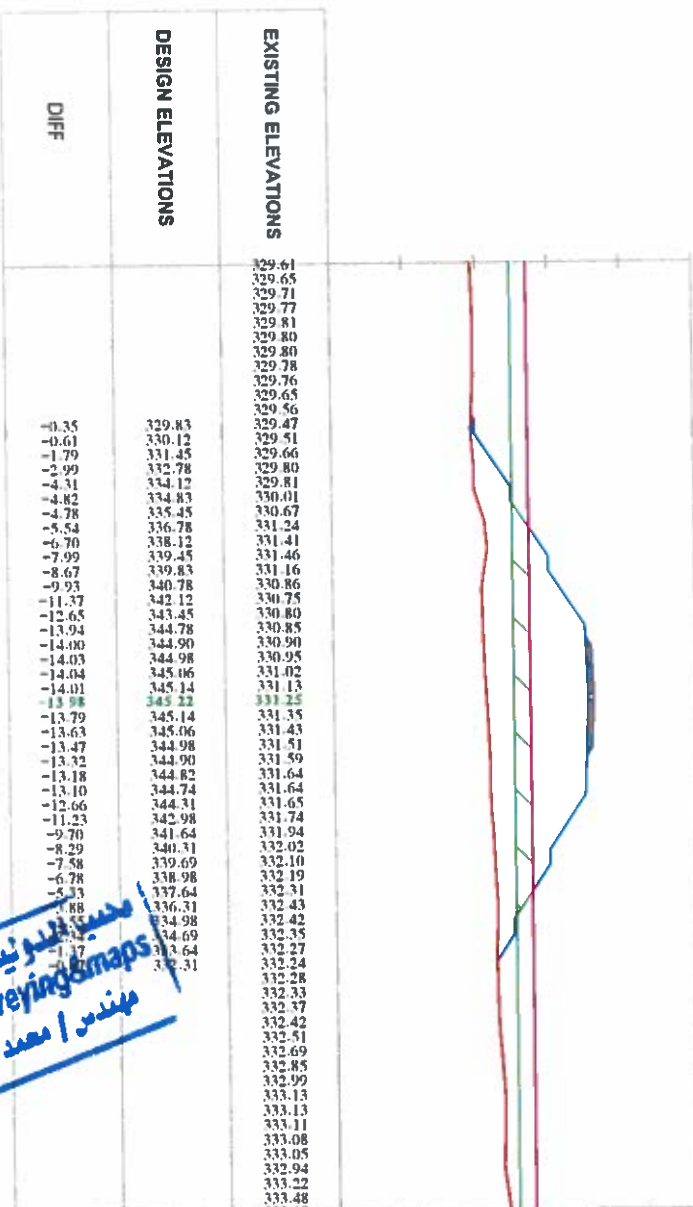


**المكتب الهندسي للمساحة والتخزين**  
**El Dawila For Surveying & maps**  
**مهندس / محمد فهمي السيد مام**

**ELRAEID Consulting**  
**المهندسين الاستشاريين**  
**مهندس / محمد فهمي السيد مام**

# 445+340.00

| 445+340.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| FILL       | 120.03 | 2342.13 | 31870.77   |



EXISTING ELEVATIONS

DESIGN ELEVATIONS

DIFF

329.61  
329.65  
329.71  
329.77  
329.81  
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  
332.24  
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  
333.22  
333.48  
333.48

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  
334.64  
332.31

3.35  
3.61  
1.79  
1.99  
1.31  
1.82  
1.78  
1.54  
1.70  
1.99  
8.67  
9.93  
11.37  
12.65  
13.94  
14.00  
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  
7.48  
6.78  
5.33  
3.88  
2.34  
1.17  
3.31

مهندس / محمد فهمي المعيد ماسم  
El Dawlia For Surveying & Mapping  
مهندس / محمد فهمي المعيد ماسم



ELDAWLIA :

ELRAEID Consulting :

التوقيع :  
القطاع الثالث - في منطقة من مشروع خط حديد جرجا

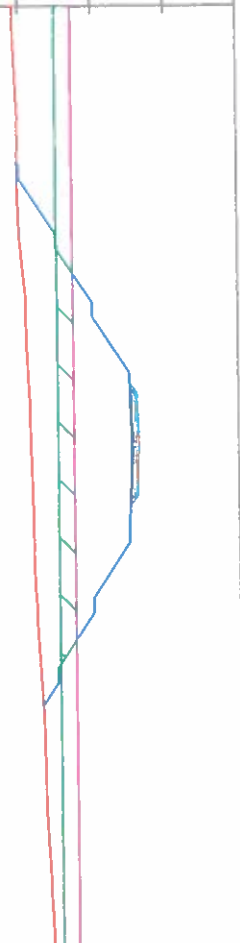


ELGHAZY

# 445+360.00

| 445+360.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 120.03 | 2400.52 | 34271.30   |

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>EXISTING ELEVATIONS</b><br>329.23<br>329.25<br>329.27<br>329.34<br>329.43<br>329.54<br>329.62<br>329.70<br>329.75<br>329.73<br>329.71<br>329.66<br>329.65<br>329.71<br>329.77<br>329.83<br>329.92<br>330.12<br>330.32<br>330.52<br>330.66<br>330.67<br>330.72<br>330.77<br>330.84<br>330.94<br>331.05<br>331.15<br>331.19<br>331.23<br><b>331.28</b><br>331.33<br>331.37<br>331.44<br>331.52<br>331.57<br>331.58<br>331.59<br>331.67<br>331.76<br>331.88<br>331.93<br>332.06<br>332.18<br>332.30<br>332.42<br>332.55<br>332.65<br>332.74<br>332.78<br>332.82<br>332.86<br>332.89<br>332.92<br>332.98<br>333.08<br>333.18<br>333.29<br>333.39<br>333.48<br>333.53<br>333.64<br>333.75<br>333.75<br>333.78 | <b>DESIGN ELEVATIONS</b><br>329.81<br>330.10<br>331.43<br>332.76<br>334.10<br>334.81<br>335.43<br>336.76<br>338.10<br>339.43<br>339.81<br>340.76<br>342.10<br>343.43<br>344.76<br>344.88<br>344.96<br>345.04<br>345.12<br><b>345.20</b><br>345.12<br>345.04<br>344.96<br>344.88<br>344.80<br>344.72<br>344.29<br>342.96<br>341.62<br>340.29<br>339.67<br>338.96<br>337.62<br>336.29<br>334.96<br>334.67<br>333.62 | <b>DIFF</b><br>-0.14<br>-0.14<br>-1.72<br>-3.00<br>-4.27<br>-4.89<br>-5.31<br>-6.44<br>-7.58<br>-8.77<br>-9.14<br>-10.04<br>-11.33<br>-12.59<br>-13.83<br>-13.84<br>-13.81<br>-13.85<br>-13.89<br>-13.92<br>-13.80<br>-13.68<br>-13.52<br>-13.36<br>-13.23<br>-13.15<br>-12.71<br>-11.37<br>-9.96<br>-8.53<br>-7.28<br>-6.04<br>-4.71<br>-3.42<br>-2.18 |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

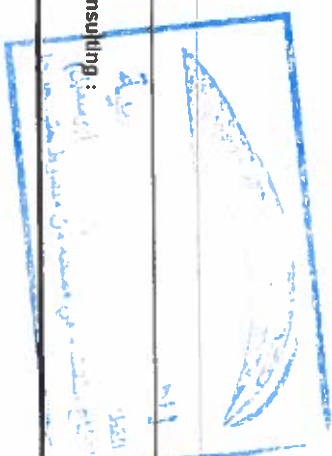
ELGHAZI



ELDAWLIA :

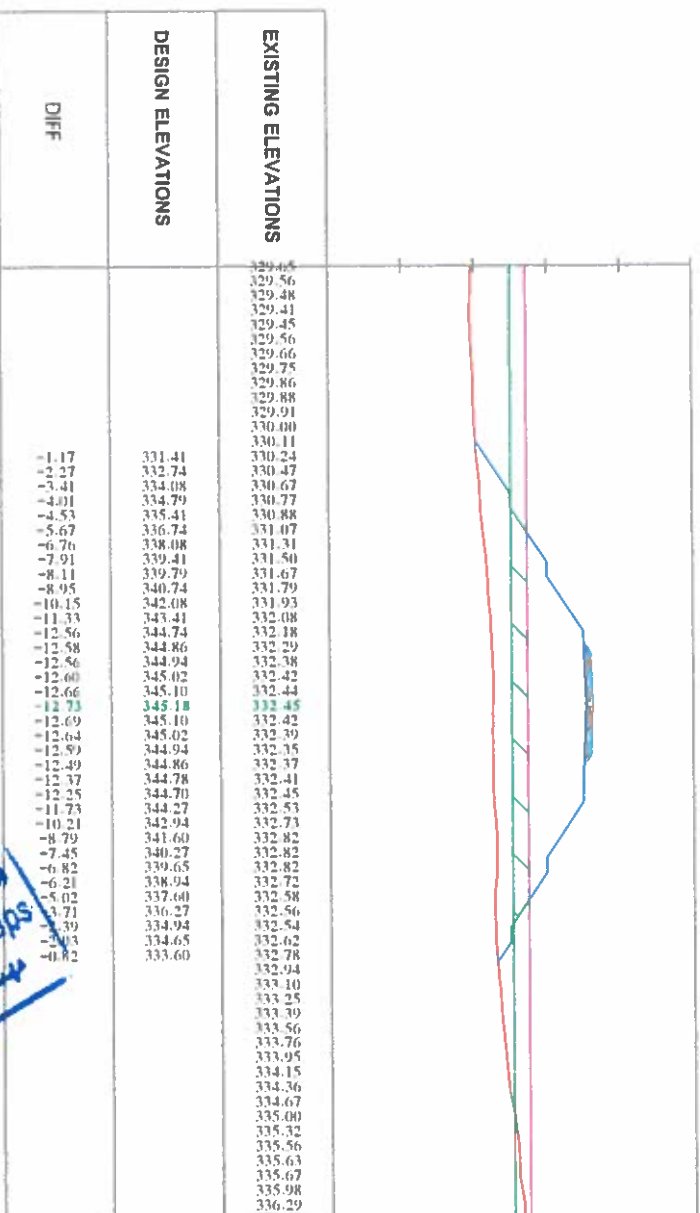
مكتب المساحة والخرائط  
 El Dawlia For Surveying & Maps  
 مهندسين / محمد فهدى المكيدي طامه

ELRAEID Consulting :



# 445+380.00

| 445+380.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 120.03 | 2400.52 | 36671.82   |



EXISTING ELEVATIONS

DESIGN ELEVATIONS

DIFF

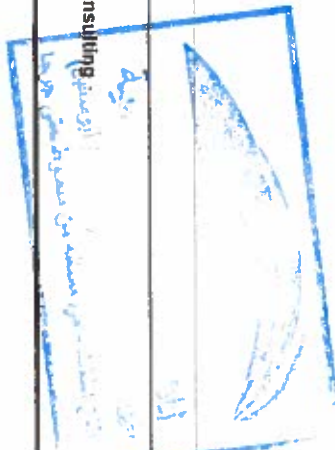


ELGHAZY :

ELDAWLIA :

ELRAEID Consulting

مكتب الدولية للمساحة والخرائط  
El Dawlia For Surveying & maps  
مهندسين / محمد فهمي المصيلح عالم





ESM  
El dawlia  
for Surveying & Maps



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



الهيئة العامة للمساحة  
EGSMA  
Surveying & Mapping



# 445+400.00

| 445+400.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 120.01 | 2400.40 | 39072.21   |

|                     |        |  |
|---------------------|--------|--|
| EXISTING ELEVATIONS | 329.60 |  |
|                     | 329.00 |  |
| DESIGN ELEVATIONS   | 328.86 |  |
|                     | 329.19 |  |
| DIFF                | 329.56 |  |
|                     | 329.76 |  |
| EXISTING ELEVATIONS | 329.95 |  |
|                     | 330.21 |  |
| DESIGN ELEVATIONS   | 330.57 |  |
|                     | 330.93 |  |
| DIFF                | 331.28 |  |
|                     | 331.48 |  |
| EXISTING ELEVATIONS | 331.37 |  |
|                     | 331.07 |  |
| DESIGN ELEVATIONS   | 331.04 |  |
|                     | 331.13 |  |
| DIFF                | 331.21 |  |
|                     | 331.37 |  |
| EXISTING ELEVATIONS | 331.62 |  |
|                     | 331.85 |  |
| DESIGN ELEVATIONS   | 332.08 |  |
|                     | 332.24 |  |
| DIFF                | 332.41 |  |
|                     | 332.57 |  |
| EXISTING ELEVATIONS | 332.69 |  |
|                     | 332.91 |  |
| DESIGN ELEVATIONS   | 333.05 |  |
|                     | 333.08 |  |
| DIFF                | 333.19 |  |
|                     | 333.30 |  |
| EXISTING ELEVATIONS | 333.42 |  |
|                     | 333.54 |  |
| DESIGN ELEVATIONS   | 333.61 |  |
|                     | 333.65 |  |
| DIFF                | 333.79 |  |
|                     | 333.98 |  |
| EXISTING ELEVATIONS | 334.16 |  |
|                     | 334.35 |  |
| DESIGN ELEVATIONS   | 334.45 |  |
|                     | 334.51 |  |
| DIFF                | 334.56 |  |
|                     | 334.65 |  |
| EXISTING ELEVATIONS | 334.74 |  |
|                     | 334.96 |  |
| DESIGN ELEVATIONS   | 335.05 |  |
|                     | 335.11 |  |
| DIFF                | 335.27 |  |
|                     | 335.48 |  |
| EXISTING ELEVATIONS | 335.70 |  |
|                     | 335.89 |  |
| DESIGN ELEVATIONS   | 336.09 |  |
|                     | 336.30 |  |
| DIFF                | 336.51 |  |
|                     | 336.74 |  |
| EXISTING ELEVATIONS | 337.02 |  |
|                     | 337.29 |  |
| DESIGN ELEVATIONS   | 337.47 |  |
|                     | 337.63 |  |
| DIFF                | 337.75 |  |
|                     | 337.83 |  |
| EXISTING ELEVATIONS | 337.92 |  |
|                     | 338.00 |  |
| DESIGN ELEVATIONS   | 338.00 |  |
|                     | 337.93 |  |
| DIFF                | 337.93 |  |
|                     | 337.96 |  |

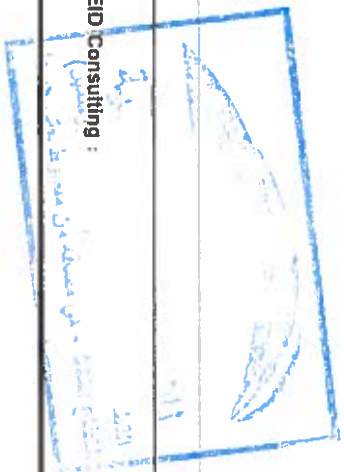


ELGHAZY

ELDAWLIA :

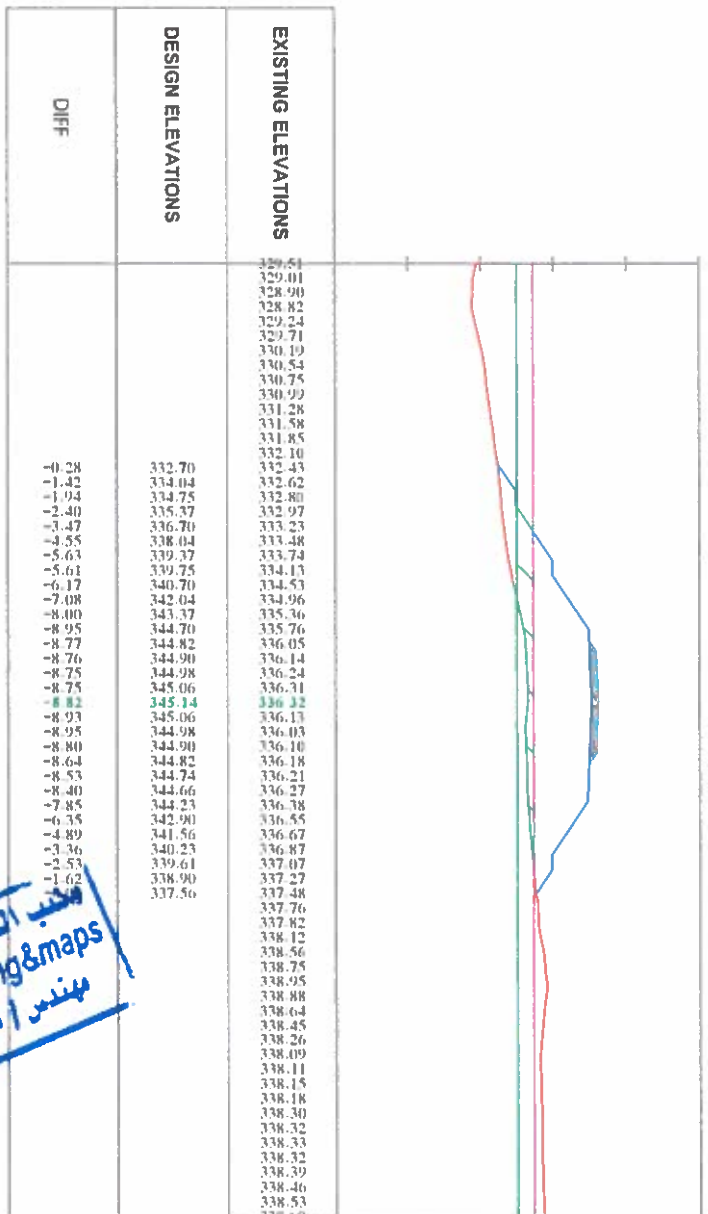
ELRAEID Consulting :

مكتب الدولية للمساحة والخرائط  
El Dawlia For Surveying & Maps  
مهندس / محمد فهد السيد مام



# 445+420.00

| 445+420.00 |       |         |            |
|------------|-------|---------|------------|
| Material   | Area  | Volume  | Cum Volume |
| Fill       | 58.81 | 1788.19 | 40860.41   |



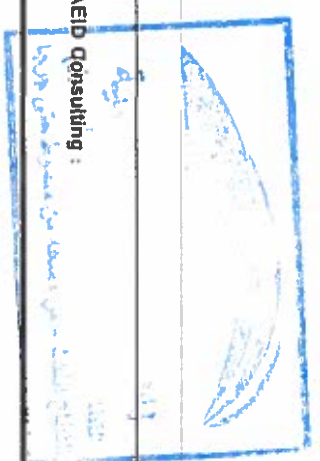
ELGHAZY :



ELDAWLIA :

مكتب الدولية للمساحة والخرائط  
 El Dawlia For Surveying & maps  
 مهندس / محمد فهمي السيد سالم

ELRAEID consulting :



# 445+440.00

| 445+440.00 |       |         |            |
|------------|-------|---------|------------|
| Material   | Area  | Volume  | Cum Volume |
| Fill       | 47.74 | 1065.51 | 41925.91   |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                                                                          |      |                                                                                                                                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXISTING ELEVATIONS | 329.44<br>329.62<br>329.71<br>329.89<br>330.10<br>330.45<br>330.89<br>331.32<br>331.40<br>331.49<br>331.56<br>331.61<br>331.67<br>331.78<br>331.94<br>332.10<br>332.39<br>332.65<br>333.02<br>333.50<br>333.99<br>334.40<br>334.73<br>335.06<br>335.39<br>335.70<br>336.01<br>336.30<br>336.59<br>336.88<br>337.04<br>337.12<br>337.03<br>336.87<br>336.83<br>336.74<br>336.63<br>336.59<br>336.57<br>336.55<br>336.57<br>336.67<br>336.77<br>336.86<br>336.93<br>336.96<br>336.97<br>337.04<br>337.18<br>337.33<br>337.51<br>337.97<br>338.52<br>339.08<br>339.64<br>339.88<br>340.12<br>340.18<br>340.21<br>340.23<br>340.29<br>340.25<br>340.18<br>340.08<br>339.80 | DESIGN ELEVATIONS | 332.68<br>334.02<br>334.73<br>335.35<br>336.68<br>338.02<br>339.35<br>339.73<br>340.68<br>342.02<br>343.35<br>344.68<br>344.80<br>344.88<br>344.96<br>345.04<br>345.12<br>345.04<br>344.96<br>344.88<br>344.80<br>344.72<br>344.64<br>344.21<br>342.88<br>341.54<br>340.21<br>339.59<br>338.88<br>337.54 | DIFF | -0.75<br>-1.92<br>-2.34<br>-2.70<br>-3.67<br>-4.52<br>-5.35<br>-5.32<br>-5.95<br>-6.96<br>-7.96<br>-8.99<br>-8.80<br>-8.58<br>-8.37<br>-8.16<br>-8.08<br>-7.96<br>-7.84<br>-7.86<br>-7.93<br>-7.89<br>-7.91<br>-7.58<br>-6.29<br>-4.98<br>-3.66<br>-3.02<br>-2.21<br>-0.78 |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

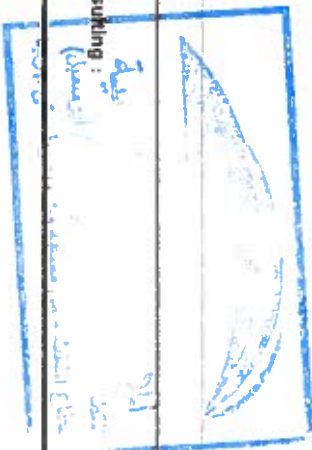
ELGHAZY :



ELDAWLIA :

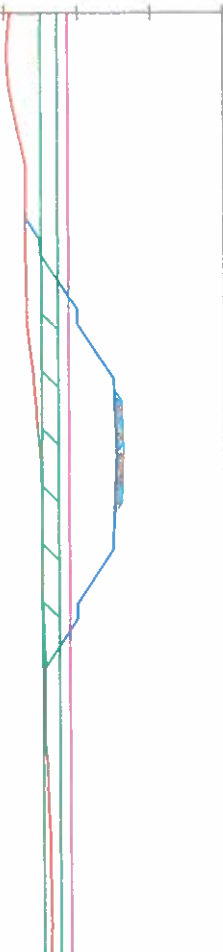
مكتب الدورية للمساحة والخرائط  
El Dawlia For Surveying & maps  
مهندس / محمد فهيم السيد سالم

ELRAEID Consulting :



# 445+460.00

| 445+460.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 118.36 | 1661.04 | 43586.95   |



| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF |
|---------------------|-------------------|------|
| 330.69              |                   |      |
| 330.52              |                   |      |
| 330.34              |                   |      |
| 330.23              |                   |      |
| 330.39              |                   |      |
| 330.56              |                   |      |
| 330.92              |                   |      |
| 331.30              |                   |      |
| 331.67              |                   |      |
| 332.16              |                   |      |
| 332.59              |                   |      |
| 332.82              |                   |      |
| 332.79              |                   |      |
| 332.80              |                   |      |
| 332.79              |                   |      |
| 332.77              |                   |      |
| 332.70              |                   |      |
| 332.78              |                   |      |
| 332.87              |                   |      |
| 332.91              |                   |      |
| 332.90              |                   |      |
| 332.88              |                   |      |
| 333.11              |                   |      |
| 333.36              |                   |      |
| 333.62              |                   |      |
| 333.83              |                   |      |
| 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              |                   |      |
| 334.83              |                   |      |
| 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              |                   |      |
| 335.92              |                   |      |
| 335.82              |                   |      |
| 335.73              |                   |      |
| 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              |                   |      |
| -1.22               |                   |      |
| -2.01               |                   |      |
| -2.55               |                   |      |
| -3.79               |                   |      |
| -5.09               |                   |      |
| -6.43               |                   |      |
| -6.82               |                   |      |
| -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               |                   |      |
| -4.73               |                   |      |
| -3.86               |                   |      |
| -2.48               |                   |      |
| -1.00               |                   |      |

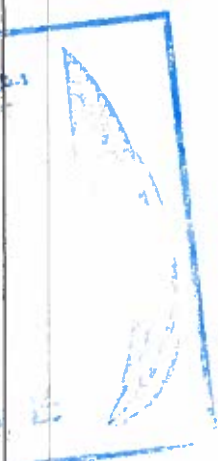
ELGHAZY

ELDAWLIA :

ELRAEID Consulting :



مكتب الدولية للمساحة والخرائط  
El Dawla For Surveying&maps  
مهندس / محمد فهمي السيد سالم



# 445+480.00

| 445+480.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 120.04 | 2383.95 | 45970.90   |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                                                                                                                                                                                                                                                                                                                              |      |                                                                                                                                                                                                                                                                                                           |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXISTING ELEVATIONS | 331.09<br>331.03<br>330.97<br>330.90<br>330.83<br>330.78<br>330.73<br>331.00<br>331.34<br>331.68<br>331.88<br>332.08<br>332.46<br>332.89<br>333.33<br>333.57<br>333.69<br>333.82<br>334.05<br>334.33<br>334.53<br>334.41<br>334.29<br>334.03<br>333.71<br>333.45<br>333.53<br>333.60<br>333.59<br>333.47<br>333.33<br>333.22<br>333.23<br>333.22<br>333.36<br>333.60<br>333.83<br>334.00<br>334.00<br>334.00<br>334.01<br>334.01<br>333.98<br>333.94<br>333.92<br>333.93<br>333.95<br>333.97<br>334.01<br>334.06<br>334.13<br>334.19<br>334.23<br>334.25<br>334.27<br>334.28<br>334.28<br>334.28<br>334.29<br>334.27<br>334.21<br>334.16<br>334.13<br>334.12<br>334.11<br>334.11<br>334.11 | DESIGN ELEVATIONS | 333.98<br>334.69<br>335.31<br>336.64<br>337.98<br>339.31<br>339.69<br>340.64<br>341.98<br>343.31<br>344.64<br>344.76<br>344.84<br>344.92<br>345.00<br>345.08<br>345.00<br>344.92<br>344.84<br>344.76<br>344.68<br>344.60<br>344.17<br>342.84<br>341.50<br>340.17<br>339.55<br>338.84<br>337.50<br>336.17<br>334.84<br>334.55 | DIFF | -0.41<br>-1.00<br>-1.49<br>-2.59<br>-3.64<br>-4.78<br>-5.28<br>-6.35<br>-7.95<br>-9.60<br>-11.19<br>-11.24<br>-11.24<br>-11.33<br>-11.53<br>-11.75<br>-11.78<br>-11.69<br>-11.62<br>-11.41<br>-11.09<br>-10.77<br>-10.17<br>-8.83<br>-7.51<br>-6.16<br>-5.57<br>-4.89<br>-3.58<br>-2.24<br>-0.89<br>-0.58 |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

مكتب الدورية للمساحة والخرائط  
El Dawlia For Surveying & maps  
مهندس / محمد فهمي السيد سالم

ELGHAZY :

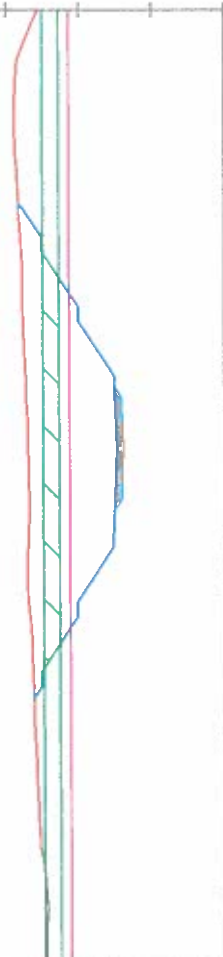
ELDAWLIA :

ELRAEID Consulting :



# 445+500.00

| 445+500.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 120.04 | 2400.72 | 48371.62   |



| EXISTING ELEVATIONS | 333.41<br>332.60<br>331.78<br>331.74<br>331.20<br>331.10<br>331.00<br>331.05<br>331.10<br>331.20<br>331.39<br>331.47<br>331.57<br>331.68<br>331.79<br>331.92<br>332.06<br>332.12<br>332.13<br>332.14<br>332.19<br>332.25<br>332.32<br>332.42<br>332.49<br>332.56<br>332.63<br>332.77<br>332.81<br>332.81<br>332.89<br>332.89<br>332.95<br>333.01<br>332.93<br>332.82<br>332.73<br>332.69<br>332.67<br>332.74<br>332.91<br>333.13<br>333.29<br>333.31<br>333.38<br>333.45<br>333.50<br>333.52<br>333.57<br>333.69<br>333.81<br>333.89<br>333.95<br>334.04<br>334.13<br>334.24<br>334.37<br>334.65<br>334.88<br>335.08<br>335.29<br>335.51<br>335.72<br>335.93 |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DESIGN ELEVATIONS   | 332.62<br>333.96<br>334.67<br>335.29<br>336.62<br>337.96<br>339.29<br>339.67<br>340.62<br>341.96<br>343.29<br>344.62<br>344.74<br>344.82<br>344.90<br>344.98<br>345.06<br>344.98<br>344.90<br>344.82<br>344.74<br>344.66<br>344.58<br>344.45<br>344.15<br>343.82<br>341.48<br>340.15<br>339.53<br>338.82<br>337.48<br>336.15<br>334.82<br>334.53                                                                                                                                                                                                                                                                                                             |
| DIFF                | -0.95<br>-2.17<br>-2.75<br>-3.23<br>-4.50<br>-5.82<br>-7.15<br>-7.48<br>-8.37<br>-9.64<br>-10.87<br>-12.13<br>-12.18<br>-12.20<br>-12.13<br>-12.18<br>-12.25<br>-12.09<br>-12.01<br>-11.88<br>-11.73<br>-11.74<br>-11.76<br>-11.42<br>-10.12<br>-8.81<br>-7.41<br>-6.61<br>-5.69<br>-4.20<br>-2.84<br>-1.44<br>-1.08                                                                                                                                                                                                                                                                                                                                         |

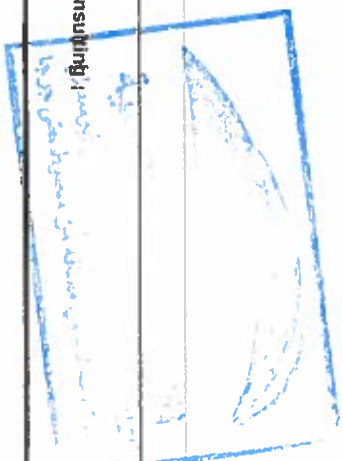
ELGHAZY



ELDAWILA :

مكتب الدوائية للمساحة والخريف  
El Dawila For Surveying & maps  
مهندس / محمد فهمي السعيد سالم

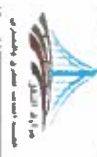
ELRAEID Consulting



புது  
புது



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+540.00

| 445+540.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 120.04 | 2400.72 | 53173.06   |

|  |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                                                                                                                  |      |                                                                                                                                                                                                                                                                                                                               |
|--|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | EXISTING ELEVATIONS | 339.44<br>338.25<br>337.09<br>336.08<br>335.15<br>334.30<br>333.57<br>332.82<br>332.22<br>332.13<br>332.02<br>332.23<br>332.43<br>332.51<br>332.52<br>332.54<br>332.56<br>332.63<br>332.79<br>332.94<br>332.88<br>332.77<br>332.66<br>332.55<br>332.46<br>332.39<br>332.34<br>332.28<br>332.19<br>332.07<br>331.91<br>332.17<br>332.42<br>332.64<br>332.51<br>332.39<br>332.43<br>332.42<br>332.43<br>332.54<br>332.68<br>332.81<br>332.89<br>332.96<br>333.02<br>333.07<br>333.04<br>333.22<br>333.40<br>333.52<br>333.62<br>333.72<br>333.80<br>333.86<br>333.91<br>333.96<br>333.99<br>334.01<br>334.07<br>334.15<br>334.24<br>334.32<br>334.28<br>334.22<br>334.16 | DESIGN ELEVATIONS | 332.58<br>333.92<br>334.63<br>335.25<br>336.58<br>337.92<br>339.25<br>339.63<br>340.58<br>341.92<br>343.25<br>344.58<br>344.70<br>344.78<br>344.86<br>344.94<br>345.02<br>344.94<br>344.86<br>344.78<br>344.70<br>344.62<br>344.54<br>344.11<br>342.78<br>341.44<br>340.11<br>339.49<br>338.78<br>337.44<br>336.11<br>334.78<br>334.49<br>333.44 | DIFF | -0.06<br>-1.37<br>-2.06<br>-2.62<br>-3.80<br>-4.98<br>-6.37<br>-6.85<br>-7.92<br>-9.37<br>-10.79<br>-12.20<br>-12.37<br>-12.50<br>-12.67<br>-12.88<br>-13.11<br>-12.78<br>-12.44<br>-12.14<br>-12.19<br>-12.23<br>-12.12<br>-11.69<br>-10.34<br>-8.90<br>-7.43<br>-6.68<br>-5.89<br>-4.48<br>-3.08<br>-1.71<br>-1.44<br>-0.22 |
|  |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                                                                                                                  |      |                                                                                                                                                                                                                                                                                                                               |
|  |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                                                                                                                  |      |                                                                                                                                                                                                                                                                                                                               |
|  |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                                                                                                                  |      |                                                                                                                                                                                                                                                                                                                               |



مهندس / محمد فهى السعيد سالم  
El Dawlia For Surveying & maps  
محاسب الدونية للمساحة والخريطة



ELRAEID CONSULTING  
الكشاح المثلث - من محطة من سكة حديد حرق حرجا

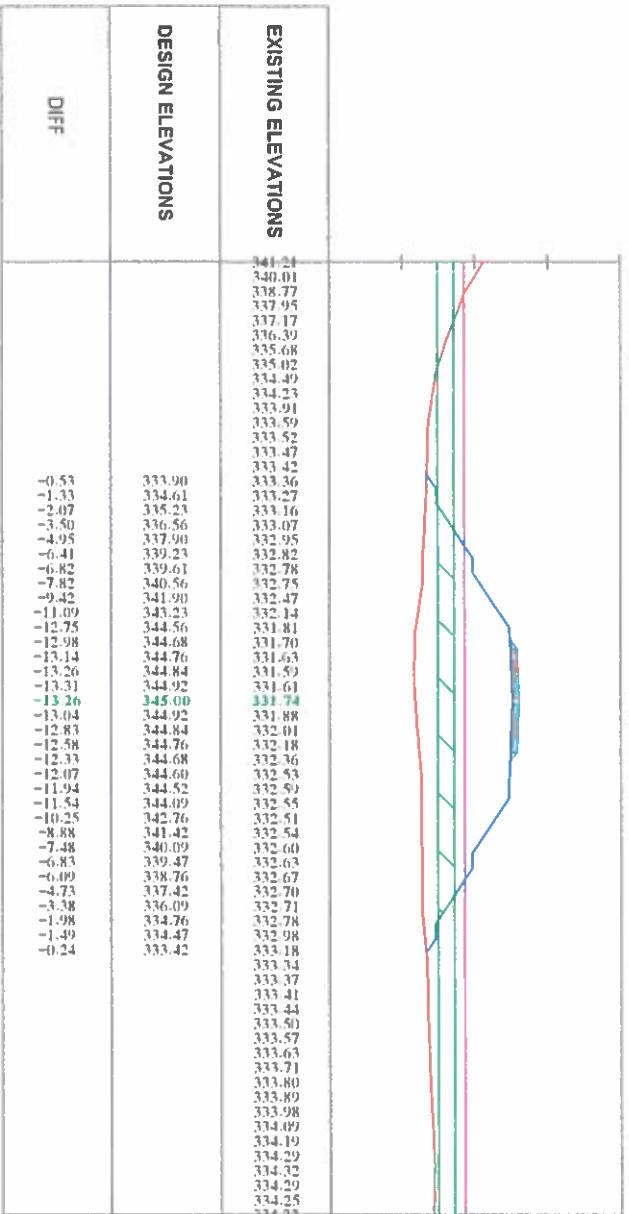


OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE ( Manflout - Gerga)  
Al-Ghazi Contracting Company Section From Station 444+770 To 445+800



# 445+560.00

| 445+560.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 120.04 | 2400.72 | 55573.79   |



مكتب الدورية للمساحة والخرائط  
El Dawlia For Surveying&maps  
مهندس / محمد فهمي السيد سالم

ELRAEID Consulting :  
القناع ايلع - من وسط بين محطة حسي حفر  
1000

# 445+580.00

| 445+580.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 119.55 | 2395.90 | 57969.69   |

|                     |        |
|---------------------|--------|
| EXISTING ELEVATIONS | 341.34 |
|                     | 341.00 |
| DESIGN ELEVATIONS   | 340.65 |
|                     | 339.96 |
| DIFF                | 339.35 |
|                     | 338.88 |
| EXISTING ELEVATIONS | 338.70 |
|                     | 338.51 |
| DESIGN ELEVATIONS   | 338.31 |
|                     | 337.95 |
| DIFF                | 337.51 |
|                     | 337.10 |
| EXISTING ELEVATIONS | 336.66 |
|                     | 336.28 |
| DESIGN ELEVATIONS   | 335.89 |
|                     | 335.49 |
| DIFF                | 335.08 |
|                     | 334.70 |
| EXISTING ELEVATIONS | 334.32 |
|                     | 334.00 |
| DESIGN ELEVATIONS   | 333.62 |
|                     | 333.33 |
| DIFF                | 333.21 |
|                     | 333.14 |
| EXISTING ELEVATIONS | 333.09 |
|                     | 333.06 |
| DESIGN ELEVATIONS   | 333.02 |
|                     | 332.95 |
| DIFF                | 332.84 |
|                     | 332.75 |
| EXISTING ELEVATIONS | 332.68 |
|                     | 332.59 |
| DESIGN ELEVATIONS   | 332.49 |
|                     | 332.42 |
| DIFF                | 332.40 |
|                     | 332.40 |
| EXISTING ELEVATIONS | 332.40 |
|                     | 332.42 |
| DESIGN ELEVATIONS   | 332.56 |
|                     | 332.67 |
| DIFF                | 332.78 |
|                     | 332.86 |
| EXISTING ELEVATIONS | 332.92 |
|                     | 332.98 |
| DESIGN ELEVATIONS   | 333.01 |
|                     | 333.04 |
| DIFF                | 332.97 |
|                     | 332.91 |
| EXISTING ELEVATIONS | 332.98 |
|                     | 333.10 |
| DESIGN ELEVATIONS   | 333.22 |
|                     | 333.33 |
| DIFF                | 333.38 |
|                     | 333.44 |
| EXISTING ELEVATIONS | 333.49 |
|                     | 333.53 |
| DESIGN ELEVATIONS   | 333.57 |
|                     | 333.61 |
| DIFF                | 333.70 |
|                     | 333.85 |
| EXISTING ELEVATIONS | 334.01 |
|                     | 334.12 |
| DESIGN ELEVATIONS   | 334.20 |
|                     | 334.27 |
| DIFF                | 334.34 |
|                     | 334.44 |



مكتب الدولية للمساحة والخرائط  
El Dawlia For Surveying & maps  
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ELGHAZY :

ELDAWLIA :

ELRAEID Consulting :

مهندس / محمد فهمي السيد سالم

445+600.00

| 445+600.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 117.54 | 2370.98 | 60340.67   |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                                                                                                                                                                                                                                                                                                          |      |                                                                                                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXISTING ELEVATIONS | 341.18<br>340.86<br>340.57<br>340.29<br>340.19<br>340.27<br>340.35<br>340.41<br>340.45<br>340.49<br>340.10<br>339.63<br>339.16<br>338.48<br>337.74<br>337.00<br>336.29<br>335.81<br>335.34<br>334.86<br>334.40<br>333.96<br>333.52<br>333.45<br>333.38<br>333.35<br>333.35<br>333.35<br>333.34<br>333.33<br>333.34<br>333.37<br>333.46<br>333.54<br>333.51<br>333.34<br>333.16<br>332.90<br>332.68<br>332.46<br>332.26<br>332.36<br>332.59<br>332.82<br>333.05<br>333.08<br>333.10<br>333.12<br>333.15<br>333.17<br>333.20<br>333.24<br>333.29<br>333.34<br>333.38<br>333.37<br>333.38<br>333.39<br>333.39<br>333.38<br>333.36<br>333.35<br>333.49<br>333.65<br>333.81<br>333.95 | DESIGN ELEVATIONS | 336.52<br>337.86<br>339.19<br>339.57<br>340.52<br>341.86<br>343.19<br>344.52<br>344.64<br>344.72<br>344.80<br>344.88<br>344.96<br>344.88<br>344.80<br>344.72<br>344.64<br>344.56<br>344.48<br>344.05<br>342.72<br>341.38<br>340.05<br>339.43<br>338.72<br>337.38<br>336.05<br>334.72<br>334.43<br>333.38 | DIFF | -1.19<br>-3.00<br>-4.79<br>-5.61<br>-7.01<br>-8.41<br>-9.81<br>-11.17<br>-11.29<br>-11.37<br>-11.40<br>-11.55<br>-11.63<br>-11.51<br>-11.35<br>-11.18<br>-11.13<br>-11.22<br>-11.32<br>-11.15<br>-10.04<br>-8.92<br>-7.79<br>-7.06<br>-6.12<br>-4.56<br>-3.00<br>-1.64<br>334.72<br>334.43<br>333.38 |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

مكتب المساحة والخرائط  
El Dawlia For Surveying & maps  
مهندس / محمد فهمي السيد سالم



ELGHAZY :

ELDAWLIA :

ELRAEID Consulting



# 445+620.00

| 445+620.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 114.92 | 2324.68 | 62665.35   |

|                     |        |
|---------------------|--------|
| EXISTING ELEVATIONS | 339.76 |
|                     | 339.67 |
| DESIGN ELEVATIONS   | 339.58 |
|                     | 339.41 |
| DIFF                | 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 |
|                     | 333.07 |
|                     | 333.11 |
|                     | 333.16 |
|                     | 333.25 |
|                     | 333.44 |
|                     | 333.60 |
|                     | 333.77 |
|                     | 333.84 |
|                     | 333.70 |
|                     | 333.57 |
|                     | 333.55 |
|                     | 333.61 |
|                     | 333.66 |
|                     | 333.70 |
|                     | 333.68 |
|                     | 333.65 |
|                     | 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 |
|                     | 334.41 |
|                     | -0.64  |
|                     | -0.61  |
|                     | -2.48  |
|                     | -4.24  |
|                     | -7.99  |
|                     | -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  |
|                     | -2.89  |
|                     | -1.09  |

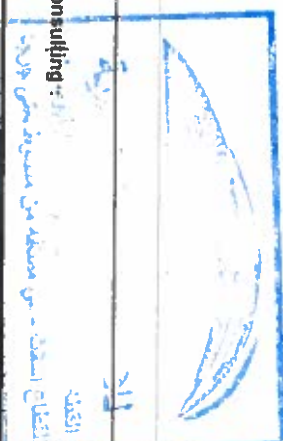
ELGHAZY :

ELDAWLIA :

ELRAEID Consulting :

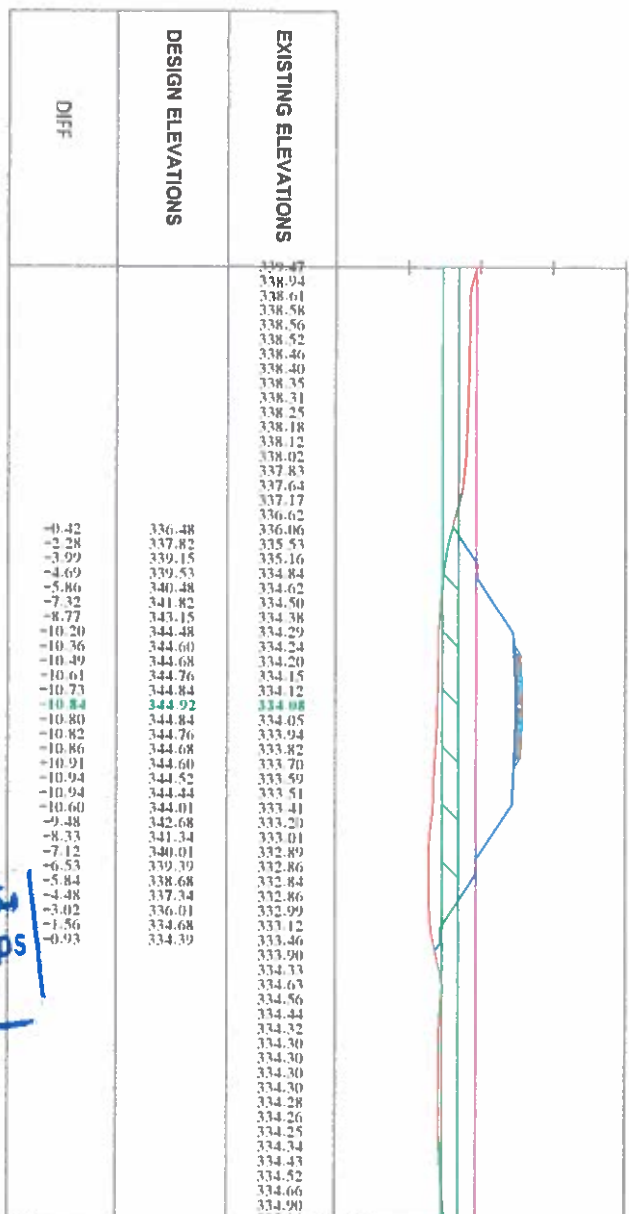


مكتب الدولية للمساحة والخرائط  
El Dawlia For Surveying & maps  
مهندس / محمد فهى السيد سالم

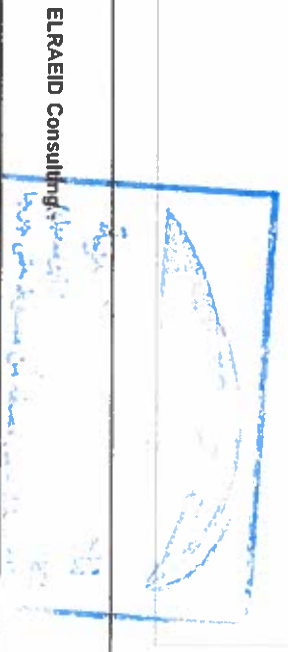


# 445+640.00

| 445+640.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 113.40 | 2283.20 | 64948.55   |



مكتب الدولية للمساحة والخريطة  
 El Dawlia For Surveying&maps  
 مهندس / محمد فهمي السيد سالم



# 445+660.00

| 445+660.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| Fill       | 102.38 | 2157.71 | 67106.26   |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                                                      |      |                                                                                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXISTING ELEVATIONS | 338.43<br>338.43<br>338.26<br>338.18<br>338.11<br>338.07<br>338.05<br>338.02<br>337.98<br>337.94<br>337.89<br>337.85<br>337.79<br>337.74<br>337.69<br>337.67<br>337.58<br>337.49<br>337.02<br>336.44<br>335.90<br>335.38<br>335.07<br>334.79<br>334.54<br>334.44<br>334.39<br>334.33<br>334.28<br>334.23<br>334.14<br>334.05<br>334.01<br>333.95<br>333.87<br>333.80<br>333.72<br>333.64<br>333.56<br>333.49<br>333.41<br>333.33<br>333.38<br>333.42<br>333.46<br>333.46<br>333.45<br>333.45<br>333.77<br>334.10<br>334.43<br>334.62<br>334.64<br>334.66<br>334.70<br>334.76<br>334.91<br>335.06<br>335.20<br>335.32<br>335.43<br>335.53<br>335.65<br>335.79<br>335.93 | DESIGN ELEVATIONS | 337.80<br>339.13<br>339.51<br>340.46<br>341.80<br>343.13<br>344.46<br>344.58<br>344.66<br>344.74<br>344.82<br>344.90<br>344.82<br>344.74<br>344.66<br>344.58<br>344.50<br>344.42<br>343.99<br>342.66<br>341.32<br>339.99<br>339.37<br>338.66<br>337.32<br>335.99<br>334.66<br>334.37 | DIFF | -0.77<br>-2.69<br>-3.61<br>-5.08<br>-6.73<br>-8.34<br>-9.93<br>-10.14<br>-10.28<br>-10.41<br>-10.55<br>-10.67<br>-10.68<br>-10.70<br>-10.66<br>-10.63<br>-10.63<br>-10.62<br>-10.27<br>-9.01<br>-7.76<br>-6.50<br>-5.95<br>-5.33<br>-3.94<br>-2.57<br>-1.19<br>-0.90 |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



مكتب الدولة للمساحة والخرائط  
El Dawila For Surveying & maps  
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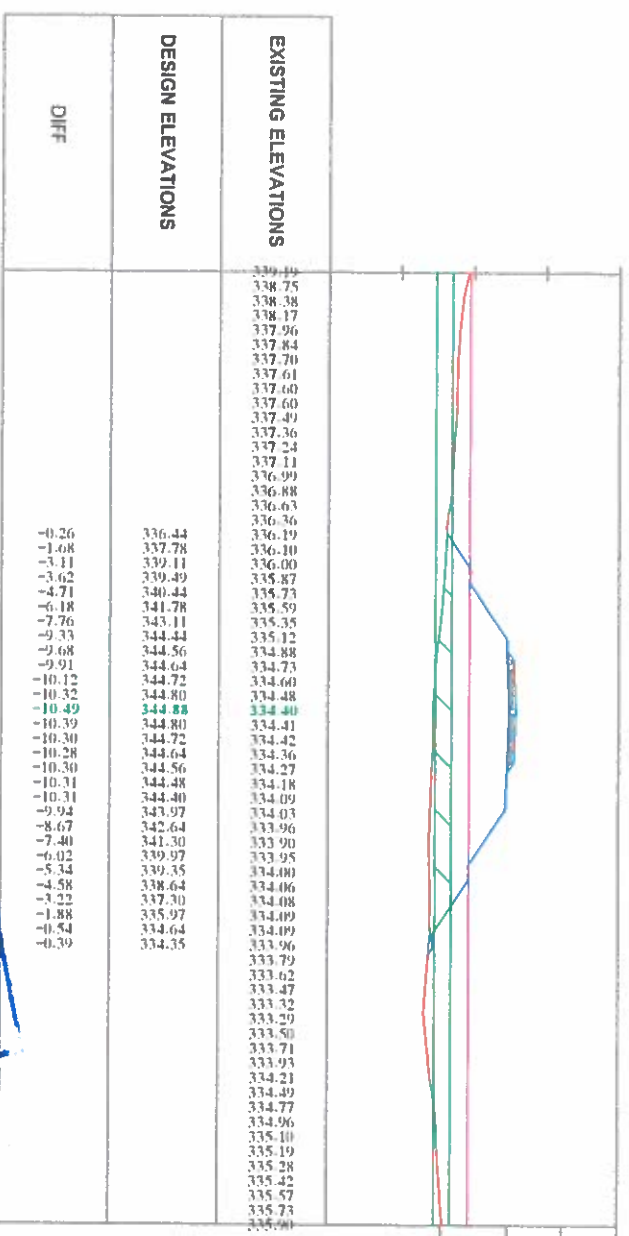
ELGHAZY :

ELDAWILA :

ELRAEID Consulting :

# 445+680.00

| 445+680.00 |        |         |            |
|------------|--------|---------|------------|
| Material   | Area   | Volume  | Cum Volume |
| FILL       | 100.75 | 2031.25 | 69137.51   |

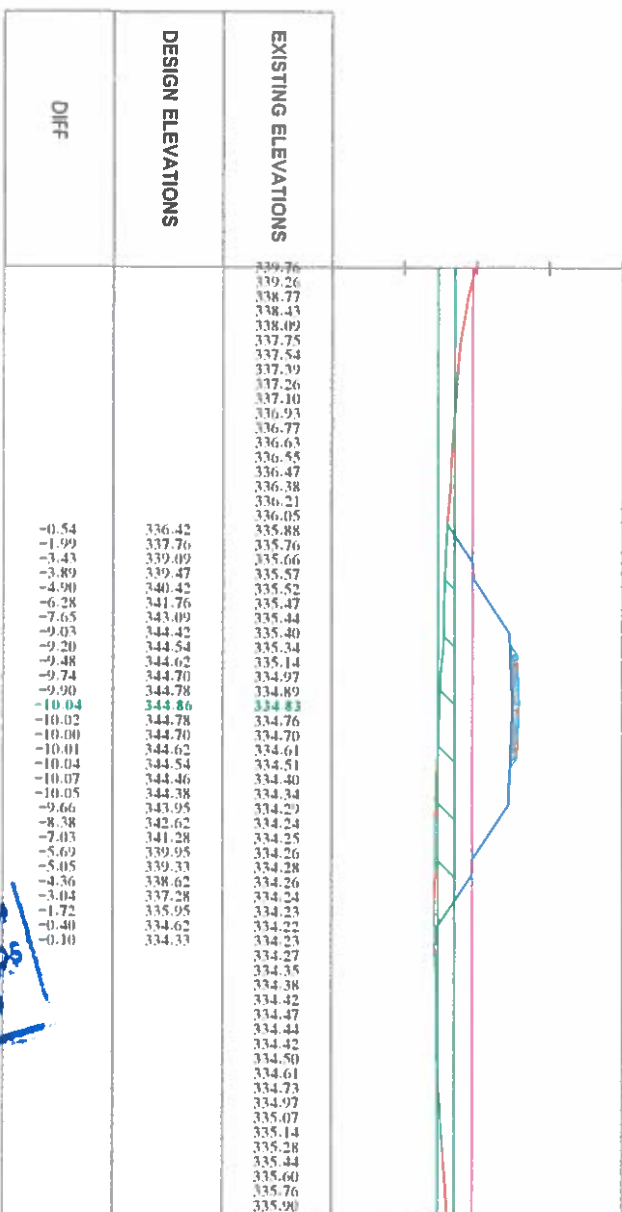


مكتب الدولية للمساحة والخرائط  
 El Dawila For Surveying&maps  
 مهندس / محمد فهمي السيد سالم

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

# 445+700.00

| 445+700.00 |       |         |            |
|------------|-------|---------|------------|
| Material   | Area  | Volume  | Cum Volume |
| Fill       | 98.79 | 1995.37 | 71132.88   |



ELGHAZI

ELDAWLIA :

ELRAEID Consulting :

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مكتب الدولية للمساحة والخرائط  
El Dawlia For Surveying & Maps  
مهندس / محمد فهمي السيد سالم

# 445+720.00

| 445+720.00 |       |         |            |
|------------|-------|---------|------------|
| Material   | Area  | Volume  | Cum Volume |
| Fill       | 89.73 | 1885.21 | 73018.09   |

|                     |        |  |
|---------------------|--------|--|
| EXISTING ELEVATIONS | 337.42 |  |
|                     | 337.25 |  |
| DESIGN ELEVATIONS   | 337.17 |  |
|                     | 337.09 |  |
| DIFF                | 337.00 |  |
|                     | 336.97 |  |
|                     | 336.92 |  |
|                     | 336.86 |  |
|                     | 336.73 |  |
|                     | 336.62 |  |
|                     | 336.55 |  |
|                     | 336.45 |  |
|                     | 336.36 |  |
|                     | 336.27 |  |
|                     | 336.18 |  |
|                     | 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 |  |
|                     | 335.00 |  |
|                     | 335.22 |  |
|                     | 335.45 |  |
|                     | 335.66 |  |
|                     | 335.77 |  |
|                     | 335.88 |  |
|                     | 335.99 |  |
|                     | 336.13 |  |
|                     | 336.13 |  |

ELGHAZY

ELDAWLIA :

ELRAEID Consulting :



مكتب الدولية للمساحة والخرائط  
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مهندس / محمد فهمي السيد سالم



# 445+740.00

| 445+740.00 |       |         |            |
|------------|-------|---------|------------|
| Material   | Area  | Volume  | Cum Volume |
| Fill       | 93.25 | 1829.86 | 74847.95   |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                   |                                                                                                                                                                                                                                                                            |      |                                                                                                                                                                                                                                                 |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXISTING ELEVATIONS | 337.28<br>337.11<br>337.06<br>337.02<br>336.98<br>336.93<br>336.81<br>336.70<br>336.59<br>336.48<br>336.37<br>336.29<br>336.21<br>336.10<br>336.00<br>335.93<br>335.85<br>335.78<br>335.69<br>335.59<br>335.51<br>335.44<br>335.37<br>335.31<br>335.26<br>335.21<br>335.16<br>335.09<br>335.00<br>334.94<br>334.88<br>334.80<br>334.72<br>334.67<br>334.65<br>334.68<br>334.63<br>334.63<br>334.71<br>334.91<br>335.06<br>335.17<br>335.22<br>335.27<br>335.34<br>335.44<br>335.49<br>335.44<br>335.26<br>335.15<br>335.09<br>335.13<br>335.18<br>335.23<br>335.22<br>335.20<br>335.18<br>335.22<br>335.26<br>335.28<br>335.58<br>335.89<br>336.19<br>336.34 | DESIGN ELEVATIONS | 336.38<br>337.72<br>339.05<br>339.43<br>340.38<br>341.72<br>343.05<br>344.38<br>344.50<br>344.58<br>344.66<br>344.74<br>344.82<br>344.74<br>344.66<br>344.58<br>344.50<br>344.42<br>344.34<br>343.91<br>342.58<br>341.24<br>339.91<br>339.29<br>338.58<br>337.24<br>335.91 | DIFF | -0.70<br>-2.12<br>-3.54<br>-3.98<br>-5.01<br>-6.41<br>-7.79<br>-9.17<br>-9.34<br>-9.40<br>-9.66<br>-9.80<br>-9.94<br>-9.94<br>-9.94<br>-9.91<br>-9.86<br>-9.75<br>-9.72<br>-9.31<br>-7.95<br>-6.53<br>-5.00<br>-3.23<br>-3.41<br>-2.02<br>-0.64 |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



مكتب الدولية للمساحة والخرائط  
El Dawla For Surveying & maps  
مهندس / محمد فهمي السيد سالم

ELRAEID Consulting :  
10/2011

445+760.00

| 445+760.00 |       |         |            |
|------------|-------|---------|------------|
| Material   | Area  | Volume  | Cum Volume |
| FILL       | 76.76 | 1700.13 | 76548.08   |

|                     |        |
|---------------------|--------|
| EXISTING ELEVATIONS | 336.45 |
|                     | 336.42 |
| DESIGN ELEVATIONS   | 336.38 |
|                     | 336.33 |
| DIFF                | 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 |
|                     | 335.35 |
|                     | 335.24 |
|                     | 335.16 |
|                     | 335.10 |
|                     | 335.06 |
|                     | 335.02 |
|                     | 335.01 |
|                     | 335.03 |
|                     | 335.08 |
|                     | 335.13 |
|                     | 335.13 |
|                     | 335.11 |
|                     | 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 |
|                     | 336.45 |



مكتب الدوائية للمساحة والخرائط  
 El Dawila For Surveying&maps  
 مهندس / محمد فهمي السيد سالم



ELGHAZY :

ELDAWILA :

ELRAEID Consulting

# 445+780.00

| 445+780.00 |       |         |            |
|------------|-------|---------|------------|
| Material   | Area  | Volume  | Cum Volume |
| FILL       | 37.57 | 1143.34 | 77691.42   |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                                                                                                                                                                                                                                                                  |      |                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXISTING ELEVATIONS | 336.17<br>336.04<br>336.00<br>335.99<br>335.99<br>335.96<br>335.92<br>335.83<br>335.77<br>335.73<br>335.69<br>335.65<br>335.65<br>335.72<br>335.71<br>335.69<br>335.47<br>335.42<br>335.36<br>335.30<br>335.26<br>335.27<br>335.30<br>335.34<br>335.38<br>335.40<br>335.43<br>335.51<br>335.73<br>335.96<br>336.18<br>336.41<br>336.72<br>337.06<br>337.28<br>337.12<br>336.96<br>336.81<br>336.64<br>336.47<br>336.34<br>336.37<br>336.40<br>336.44<br>336.43<br>336.41<br>336.37<br>336.33<br>336.32<br>336.32<br>336.16<br>336.01<br>335.94<br>335.90<br>335.91<br>335.90<br>335.90<br>335.89<br>335.89<br>335.89<br>335.89<br>336.01<br>336.12<br>336.24<br>336.42<br>336.71 | DESIGN ELEVATIONS | 336.34<br>337.68<br>339.01<br>339.39<br>340.34<br>341.68<br>343.01<br>344.34<br>344.46<br>344.54<br>344.62<br>344.70<br>344.78<br>344.70<br>344.62<br>344.54<br>344.46<br>344.38<br>344.30<br>343.87<br>342.54<br>341.20<br>339.87<br>339.25<br>338.54<br>337.20 | DIFF | -0.98<br>-2.37<br>-3.75<br>-4.11<br>-5.05<br>-6.33<br>-7.63<br>-8.94<br>-9.04<br>-9.04<br>-8.89<br>-8.75<br>-8.60<br>-8.30<br>-7.91<br>-7.49<br>-7.19<br>-7.27<br>-7.34<br>-7.06<br>-5.89<br>-4.73<br>-3.53<br>-2.87<br>-2.13<br>-0.76 |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



مكتب الدولية للمساحة والخريطة  
El Dawlia For Surveying & maps  
مهندس / محمد فهمي السيد سالم



ELRAEID Consulting :

# 445+800.00

| 445+800.00 |       |        |            |
|------------|-------|--------|------------|
| Material   | Area  | Volume | Cum Volume |
| FILL       | 10.04 | 476.16 | 78167.57   |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                                                                                                                                                                                                                                                                  |      |                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXISTING ELEVATIONS | 336.73<br>336.57<br>336.37<br>336.32<br>336.29<br>336.27<br>336.23<br>336.18<br>336.13<br>336.06<br>336.01<br>335.95<br>335.87<br>335.80<br>335.76<br>335.73<br>335.71<br>335.70<br>335.72<br>335.73<br>335.75<br>335.78<br>336.15<br>336.59<br>336.91<br>336.92<br>337.02<br>336.95<br>336.63<br>336.64<br>336.85<br>336.92<br>336.90<br>336.81<br>336.72<br>336.68<br>336.74<br>336.69<br>336.70<br>336.71<br>336.73<br>336.75<br>336.77<br>336.79<br>336.82<br>336.84<br>336.88<br>336.91<br>336.84<br>336.73<br>336.60<br>336.48<br>336.36<br>336.27<br>336.30<br>336.33<br>336.36<br>336.36<br>336.37<br>336.36<br>336.34<br>336.34<br>336.34<br>336.38<br>336.38<br>336.38 | DESIGN ELEVATIONS | 336.32<br>337.66<br>338.99<br>339.37<br>340.32<br>341.66<br>342.99<br>344.32<br>344.44<br>344.52<br>344.60<br>344.68<br>344.76<br>344.68<br>344.60<br>344.52<br>344.44<br>344.36<br>344.28<br>343.85<br>342.52<br>341.18<br>339.85<br>339.23<br>338.52<br>337.18 | DIFF | -0.61<br>-1.93<br>-1.24<br>-1.58<br>-1.18<br>-5.06<br>-6.08<br>-7.41<br>-7.42<br>-7.57<br>-7.97<br>-8.04<br>-7.91<br>-7.76<br>-7.70<br>-7.71<br>-7.72<br>-7.68<br>-7.54<br>-7.16<br>-5.82<br>-4.47<br>-3.12<br>-2.48<br>-1.74<br>-0.39 |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

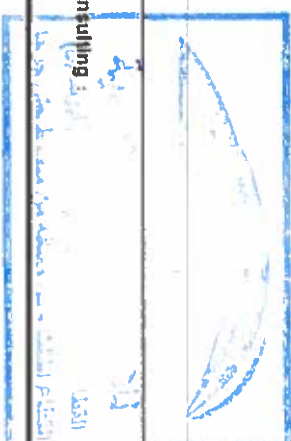
ELGHAZY :

ELDAWLIA :

ELRAEID Consulting :



مكتب الدورية للمساحة والتخطيط  
 El Dawlia For Surveying & Maps  
 مهندس / محمد فهم السعيد سالم



# 445+820.00

| 445+820.00 |      |        |            |
|------------|------|--------|------------|
| Material   | Area | Volume | Cum Volume |
| Fill       | 7.84 | 178.83 | 78346.40   |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                        |      |                                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXISTING ELEVATIONS | 336.82<br>336.73<br>336.68<br>336.63<br>336.59<br>336.53<br>336.44<br>336.35<br>336.27<br>336.20<br>336.12<br>336.04<br>335.96<br>335.94<br>335.91<br>335.89<br>335.87<br>335.86<br>335.87<br>335.91<br>335.97<br>336.07<br>336.20<br>336.40<br>336.59<br>336.75<br>336.80<br>336.77<br>336.73<br>336.69<br>336.69<br>336.72<br>336.75<br>336.78<br>336.84<br>336.88<br>336.90<br>336.92<br>337.00<br>337.11<br>337.21<br>337.29<br>337.32<br>337.35<br>337.37<br>337.34<br>337.28<br>337.22<br>337.15<br>337.06<br>336.97<br>336.87<br>336.80<br>336.77<br>336.73<br>336.69<br>336.68<br>336.72<br>336.76<br>336.81<br>336.82<br>336.83<br>336.85<br>336.86<br>336.87 | DESIGN ELEVATIONS | 336.30<br>337.64<br>338.97<br>339.35<br>340.30<br>341.64<br>342.97<br>344.30<br>344.42<br>344.50<br>344.58<br>344.66<br>344.74<br>344.66<br>344.58<br>344.50<br>344.42<br>344.34<br>344.26<br>343.83<br>342.50<br>341.16<br>339.83<br>339.21<br>338.50 | DIFF | -0.44<br>-0.73<br>-0.60<br>-0.28<br>-0.10<br>-0.24<br>-0.38<br>-0.55<br>-0.62<br>-0.73<br>-0.85<br>-0.97<br>-0.97<br>-0.05<br>-0.95<br>-0.84<br>-0.72<br>-0.58<br>-0.46<br>-0.36<br>-0.91<br>-0.49<br>-0.06<br>-0.62<br>-0.92<br>-1.17 |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

مكتب الدولية للمساحة والخرائط  
El Dawlia For Surveying & maps  
مهندس / محمد فهمي السعيد سالم

ELRAEID Consulting :  
الهيئة العامة للخرائط  
EGSMA  
Surveying & Maps

ELGHAZY CO.  
الهيئة العامة للخرائط  
EGSMA  
Surveying & Maps

ELGHAZY :

ELDAWLIA :

ELRAEID Consulting :

# 445+840.00

| Material | Area  | Volume | Cum Volume |
|----------|-------|--------|------------|
| Fill     | 10.38 | 182.20 | 78528.60   |

| EXISTING ELEVATIONS | DESIGN ELEVATIONS | DIFF  |
|---------------------|-------------------|-------|
| 336.78              | 336.28            | -0.38 |
| 336.67              | 337.62            | -1.70 |
| 336.46              | 338.95            | -5.02 |
| 336.37              | 339.33            | -5.33 |
| 336.42              | 340.28            | -5.20 |
| 336.45              | 341.62            | -5.44 |
| 336.45              | 342.95            | -6.69 |
| 336.40              | 344.28            | -7.92 |
| 336.30              | 344.40            | -7.94 |
| 336.21              | 344.48            | -7.92 |
| 336.13              | 344.56            | -7.87 |
| 336.13              | 344.64            | -7.80 |
| 336.12              | 344.72            | -7.70 |
| 336.10              | 344.64            | -7.45 |
| 336.06              | 344.56            | -7.21 |
| 336.00              | 344.48            | -7.16 |
| 335.93              | 344.40            | -7.17 |
| 335.91              | 344.32            | -7.18 |
| 335.92              | 344.24            | -7.16 |
| 335.93              | 343.81            | -9.73 |
| 336.00              | 342.48            | -5.40 |
| 336.09              | 341.14            | -4.08 |
| 336.18              | 339.81            | -2.73 |
| 336.26              | 339.19            | -2.06 |
| 336.36              | 338.48            | -1.31 |
| 336.46              |                   |       |
| 336.57              |                   |       |
| 336.67              |                   |       |
| 336.78              |                   |       |



ELGHAZY :

ELDAWLIA :

ELRAEID Consulting :

مكتب الدولية للمساحة والخرائط  
El Dawlia For Surveying & maps  
مهندس / محمد فهيم السعيد سالم



التوقيع

445+850.00

| 445+850.00 |      |        |            |
|------------|------|--------|------------|
| Material   | Area | Volume | Cum Volume |
| Fill       | 9.79 | 100.85 | 78629.45   |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                        |      |                                                                                                                                                                                                                               |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXISTING ELEVATIONS | 336.80<br>336.72<br>336.65<br>336.56<br>336.47<br>336.41<br>336.35<br>336.28<br>336.21<br>336.20<br>336.17<br>336.15<br>336.11<br>336.07<br>336.03<br>335.97<br>335.90<br>335.84<br>335.82<br>335.88<br>335.95<br>336.07<br>336.19<br>336.29<br>336.40<br>336.63<br>336.89<br>337.09<br>337.27<br>337.30<br>337.25<br>337.22<br>337.19<br>337.21<br>337.25<br>337.24<br>337.20<br>337.23<br>337.30<br>337.31<br>337.32<br>337.34<br>337.36<br>337.40<br>337.43<br>337.46<br>337.47<br>337.50<br>337.56<br>337.63<br>337.69<br>337.66<br>337.62<br>337.60<br>337.66<br>337.69<br>337.74<br>337.74<br>337.69<br>337.55<br>337.41<br>337.35<br>337.34<br>337.37<br>337.44 | DESIGN ELEVATIONS | 336.27<br>337.61<br>338.94<br>339.32<br>340.27<br>341.61<br>342.94<br>344.27<br>344.39<br>344.47<br>344.55<br>344.63<br>344.71<br>344.63<br>344.55<br>344.47<br>344.39<br>344.31<br>344.23<br>343.80<br>342.47<br>341.13<br>339.80<br>338.18<br>338.47 | DIFF | -0.44<br>-1.78<br>-3.05<br>-3.37<br>-4.20<br>-5.42<br>-6.64<br>-7.87<br>-7.76<br>-7.58<br>-7.47<br>-7.36<br>-7.42<br>-7.38<br>-7.34<br>-7.28<br>-7.18<br>-7.06<br>-6.99<br>-6.60<br>-5.23<br>-3.83<br>-2.49<br>-1.85<br>-1.13 |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

ELGHAZY :

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ELRAEID Consulting

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El Dawila For Surveying&maps  
مهندس / محمد فهمي السيد سالم



# 445+860.00

| 445+860.00 |      |        |            |
|------------|------|--------|------------|
| Material   | Area | Volume | Cum Volume |
| Fill       | 8.73 | 92.58  | 78722.03   |

|  |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | EXISTING ELEVATIONS | 336.97<br>336.91<br>336.84<br>336.80<br>336.76<br>336.71<br>336.66<br>336.61<br>336.56<br>336.50<br>336.43<br>336.34<br>336.24<br>336.20<br>336.15<br>336.07<br>335.96<br>335.89<br>335.85<br>335.90<br>335.97<br>336.07<br>336.20<br>336.31<br>336.36<br>336.39<br>336.51<br>336.68<br>336.80<br>336.86<br>336.92<br>337.01<br>337.07<br>337.12<br>337.15<br>337.16<br>337.17<br>337.24<br>337.26<br>337.33<br>337.38<br>337.42<br>337.46<br>337.46<br>337.46<br>337.51<br>337.58<br>337.62<br>337.63<br>337.60<br>337.68<br>337.76<br>337.77<br>337.80<br>337.82<br>337.85<br>337.86<br>337.87<br>337.78<br>337.78<br>337.73<br>337.64<br>337.58<br>337.60<br>337.64<br>337.62 |
|  | DESIGN ELEVATIONS   | 336.26<br>337.60<br>338.93<br>339.31<br>340.26<br>341.60<br>342.93<br>344.26<br>344.38<br>344.46<br>344.54<br>344.62<br>344.70<br>344.62<br>344.54<br>344.46<br>344.38<br>344.30<br>344.22<br>343.79<br>342.46<br>341.12<br>339.79<br>339.17<br>338.46                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  | DIFF                | -0.41<br>-1.70<br>-2.96<br>-3.23<br>-4.07<br>-5.28<br>-6.57<br>-7.87<br>-7.87<br>-7.78<br>-7.74<br>-7.76<br>-7.78<br>-7.62<br>-7.47<br>-7.35<br>-7.23<br>-7.14<br>-7.05<br>-6.55<br>-5.19<br>-3.79<br>-2.41<br>-1.75<br>-1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|  |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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El Dawlia For Surveying & maps  
مهندسين / محمد فهمي السيد سالم



# 445+866.78

| 445+866.78 |      |        |            |
|------------|------|--------|------------|
| Material   | Area | Volume | Cum Volume |
| Fill       | 5.60 | 48.55  | 78770.59   |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                                                                                                                                                                                                                                                        |      |                                                                                                                                                                                                                               |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXISTING ELEVATIONS | 337.86<br>336.98<br>336.91<br>336.82<br>336.72<br>336.67<br>336.64<br>336.60<br>336.55<br>336.47<br>336.40<br>336.31<br>336.28<br>336.27<br>336.23<br>336.15<br>336.05<br>335.99<br>336.09<br>336.18<br>336.26<br>336.35<br>336.43<br>336.44<br>336.43<br>336.44<br>336.54<br>336.64<br>336.78<br>336.90<br>336.95<br>337.00<br>337.03<br>337.06<br>337.07<br>337.10<br>337.12<br>337.21<br>337.29<br>337.32<br>337.33<br>337.39<br>337.45<br>337.51<br>337.57<br>337.61<br>337.63<br>337.66<br>337.68<br>337.65<br>337.72<br>337.82<br>337.80<br>337.78<br>337.80<br>337.85<br>337.90<br>337.90<br>337.89<br>337.89<br>337.93<br>338.00<br>337.95<br>337.85<br>337.76<br>337.74 | DESIGN ELEVATIONS | 336.26<br>337.59<br>338.92<br>339.30<br>340.26<br>341.59<br>342.92<br>344.26<br>344.38<br>344.46<br>344.54<br>344.62<br>344.70<br>344.62<br>344.54<br>344.46<br>344.38<br>344.30<br>344.22<br>343.78<br>342.45<br>341.12<br>339.78<br>339.16<br>338.45 | DIFF | -0.17<br>-1.41<br>-2.66<br>-2.95<br>-3.83<br>-5.15<br>-6.50<br>-7.82<br>-7.84<br>-7.81<br>-7.76<br>-7.71<br>-7.75<br>-7.62<br>-7.51<br>-7.39<br>-7.30<br>-7.19<br>-7.09<br>-6.58<br>-5.16<br>-3.80<br>-2.45<br>-1.77<br>-1.00 |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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مهندسين / محمد فهد السيد سالم





عملية مشروع إنشاء القطار الكهربائي  
السريع . أكتوبر - أبوسمبل

من المحطة ٤٤+٧٧ الى المحطة ٤٤+٨٠.

بطول ۱۰۲۰ ک

تاریخ استلام الموقع ۲۰۲۴ / ۰۶ / ۲۸

مدى تنفيذ العملية A

تاریخ نھو الاعمال ۲۸ / ۱۲ / ۲۰۲۴

[illegible]

الهيئة العامة للطرق والكباري

مهندس الأشرف / **سليم حسين أمين** / التوقيع /

المنهجية

مكتب الاستشارات الهندسية

م المكتب الفني /

[illegible]

|           |  |
|-----------|--|
| التوزيع / |  |
|-----------|--|

مفيد المستور

المجلد ١

|   |  |
|---|--|
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|---|--|

مجلس الشورى - في مصلته من منظور حتى درجا