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FROM THE AMERICAN PEOPLE

Local Construction Program (LCP)  
Task Order No.: AID-294-TO-15-00011  
Contract No.: AID-294-I-00-13-00002

Ramallah-Rafat (Southern Entrance) Road

## **MONTHLY PROGRESS REPORT**

From December 01, 2015 to December 31, 2015

**Prepared By:**  
**SAQQA AND KHOUDARY CO. LTD.**

### **DISCLAIMER**

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## List of Abbreviations

CD	Calendar Day
CE	Chief Engineer
CEng	Contracts Engineer
CMC	Construction Management Contractor
CO	Contracting Officer
COB	Close of Business
COP	Chief of Party
COR	Contracting Officer Representative
CQC	Contractor Quality Control
CQCP	Contractor Quality Control Program
CRMP	Construction Risk Management Plan
CV	Curriculum Vita
DCL	District Civil Liaison
FO	Field Order
IQC	Indefinite Quantities Contract
MRR	Material Receiving Report
NCN	Non Compliance Notice
NUC	Notice of Unsafe Conditions
O&M	Operation and Maintenance
OSHA	Occupational Safety and Health Act (both Federal and State)
PA	Palestinian Authority
PCO	Project Control Officer
PIO	Public Information Officer
PM	Project Manager
PSU	Program Support Unit
PWA	Palestinian Water Authority
QA	Quality Assurance
QC	Quality Control
RE	Resident Engineers
RFI	Request For Information
RFTOP	Request for Task Order Proposal
SAK	Saqqa & Khoudary General Contracting co.
TO	Task Order
TOL	Task Order Leader
TOM	Task Order Manager
SOP	Standard Operating Procedure
USAID	United State Agency for International Development
VO	Variation Order
VOR	Variation Order Request
WBG	West Bank Gaza
WBWD	West Bank Water Department



## 1. Task Order Overview:

### 1.1. Background

The USAID West Bank and Gaza, Local Construction Program (LCP) is designed to support U.S. Government efforts with the peace process by improving Palestinian access to basic infrastructure and services throughout the West Bank, and if conditions and funding permit, in Gaza.

Roads Infrastructure in the West Bank suffers from years of neglect and lack of investment. The USAID Mission's Local Construction Program (LCP) focuses on the rehabilitation or construction of roads, water, wastewater, and buildings construction projects.

### 1.2. Project Objective

The objective of this Task Order is to improve road infrastructure by rehabilitating and improving sections of a main urban/rural road at the southern entrance to the City of Ramallah.

The project serves sixteen local communities beyond Rafat village in addition to all of diplomatic cars passing through Al Jeb Checkpoint located near Rafat village.

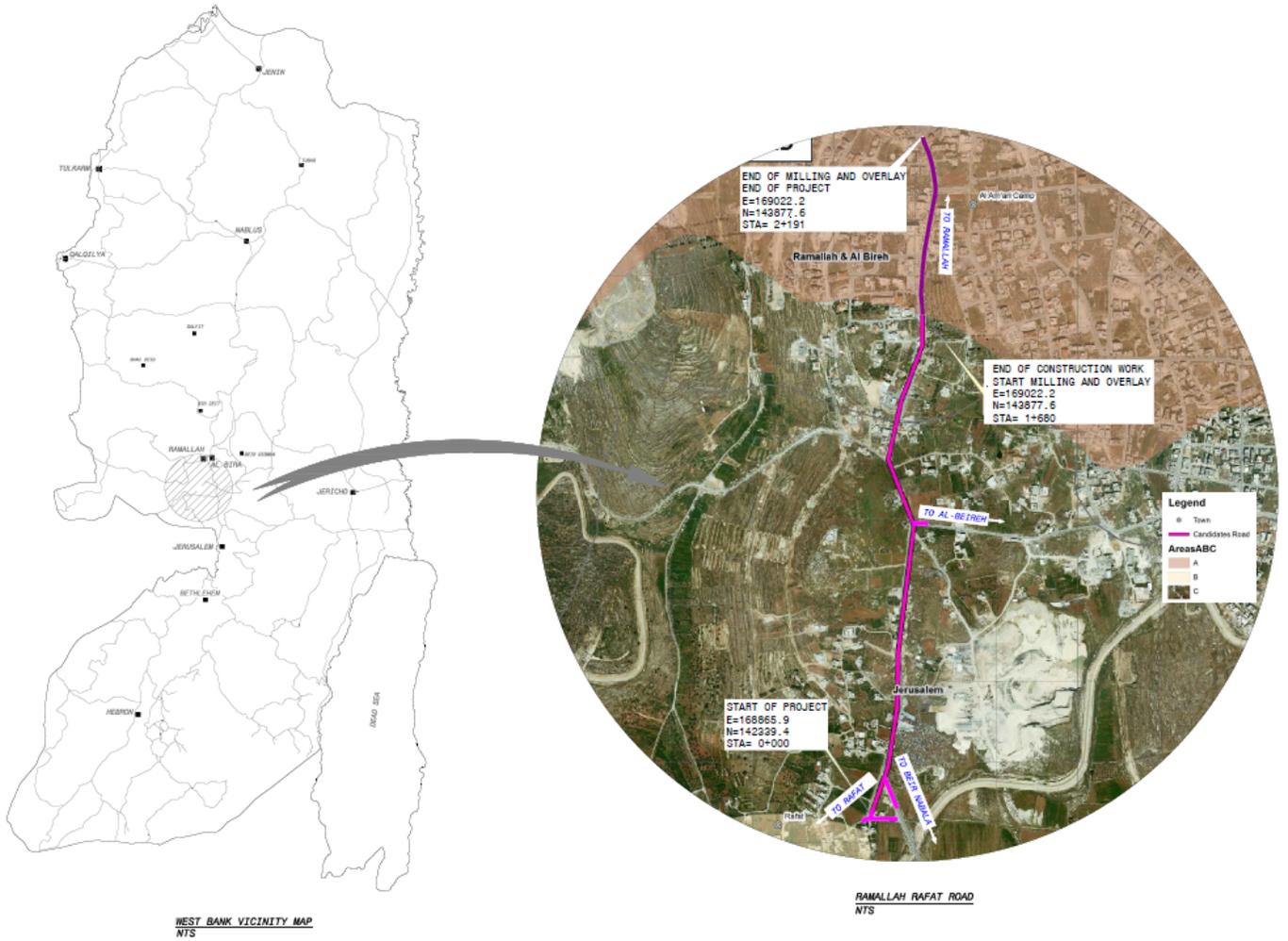
### 1.3. Statement Of Work

The United States Agency for International Development (USAID) is rehabilitating a 2.2 km section of the Ramallah – Rafat (Southern Entrance) Road. Below is a summary description of the SOW,

- Reconstruction of 1.7 km of the Ramallah-Rafat southern entrance including the following features:
  - a. Two-lane road with shoulders and sidewalks as needed.
  - b. Drainage system upgrades
  - c. Retaining structures
  - d. Required roadway accessories.
- Milling and overlay of 0.5 km of four-lane divided road with sidewalks and landscaping in Ramallah.



1.4. Overview Map



**Figure 1: Ramallah-Rafat (Southern Entrance) Road**



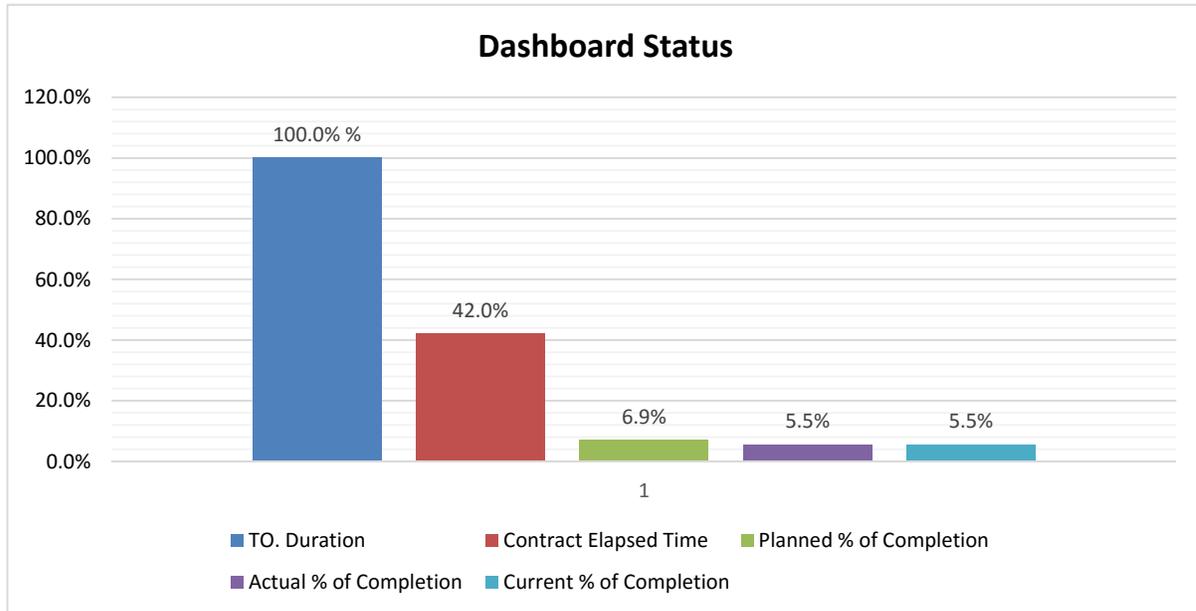
**2. Task Order Key Data**

<b>Task Order Name</b>	<b>Ramallah-Rafat (Southern Entrance) Road</b>
<b>Contract Number</b>	AID-294-I-00-13-00002
<b>Task Order Number</b>	AID-294-TO-15-00011
<b>Owner</b>	Palestinian Ministry of Public Works & Housing
<b>Client</b>	USAID West Bank and Gaza
<b>Contractor</b>	Saqqa and Khoudary Co. Ltd. (SAK)
<b>CMC</b>	Black and Veatch (BV)
<b>Award Date</b>	September 29, 2015
<b>Task Order Contract Value</b>	\$ 2,846,960.91
<b>Project Total Amount</b>	\$2,696,960.91
<b>Day work amount</b>	\$150,000.00
<b>Modified Project Total Amount</b>	N.A
<b>Modified Day work Amount</b>	N.A
<b>Notice To Proceed</b>	October 09, 2015
<b>Period Of Performance</b>	200 Calendar Days
<b>Modified Period Of Performance</b>	N.A
<b>Contractual Completion Date</b>	April 25, 2016
<b>Approved Time Extensions</b>	N.A
<b>Modified Completion Date</b>	N.A
<b>Estimated Completion Date</b>	April 25, 2016
<b>Final Acceptance Certificate Issuance Date</b>	N.A
<b>Start of Construction (Ground Breaking)</b>	December 01, 2015
<b>Project Key Personnel</b>	Task Order Manager: Wael Al Ashy
	Quality Control Manager: Suheir Suleibi
	Safety & Environmental Compliance Officer: Majd Masha'leh
	Project Engineer: Ameer Awad
	Surveyor: Yousef Abu Al Reesh



### 3. Project Dashboard Status

Contract Elapsed Time as of December 31, 2015 [%]	42.00 %
Planned Percentage of Completion through December 31, 2015 [%]	6.9 %
Actual Percentage of Completion through December 31, 2015 [%]	5.5 %
Current percentage of completion through December 31, 2015 [%]	5.5 %
Float (Days)	21 (Negative)



### 4. Safety Status

#### 4.1. Safety Plan and Measures

To achieve the desired goal of "Zero Losses" Saqqa and Khoudary Company promulgates specific Safety Plan. This Safety Plan incorporates the belief that Quality, Production, Efficiency, and Safety shall be planned into each job and each shall have EQUAL importance in the execution of this project. This program will enhance our effort at achieving "Zero Losses" and avoid employee injury, property damage, loss production, and occupational illnesses.

SAK has qualified Safety and Environmental Officer who is responsible for making regular job site safety inspections, enforcing the use of safety gear and equipment, ensuring that all staffs are complying with safety requirements and providing on-going safety training to staff.

During November, Safety Plan submittal consists of SAK's plan to implement and monitor safety measures before and during construction work was submitted to CMC on November 08, 2015 and it was accepted on November 17, 2015.

During this reporting period, all safety measures were taken into consideration while implementing excavation, grading, compaction and benching works.



#### 4.2. Safety Meetings

SAK will provide safety training to its staff and labors through informal weekly talks (Safety Tool Box Meetings) that will be held onsite to discuss and ensure applying safety measures such as the Personal Protective Equipment “PPEs” and the importance of keeping the site clean and safe.

During this reporting period, there were two Safety Tool Box Meetings as shown in the table below:

Safety Tool Box Meeting Log			
No.	Meeting No.	Submitted Date	Subject
1	STBM-15-00011-RAF-001	December 13, 2015	PPE's and other safety issues
2	STBM-15-00011-RAF-002	December 12, 2015	PPE's and other safety issues
3	STBM-15-00011-RAF-003	December 27, 2015	PPE's and other safety issues

#### 4.3. Accident Status

During this reporting period there were no accident reports.

#### 4.4. Notice of Unsafe Condition

No Notices of Unsafe Condition (NUCs) were issued during this reporting period.

#### 4.5. Safety Conclusion

As per the signed executed task order document and prior to starting any work, the Contractor shall submit safety plan for CMC’s review and approval. Therefore; SAK prepared and submitted a comprehensive safety plan to CMC as one of the preconstruction submittals.

During this reporting period, many safety reports were issued:

- Two risk assessment reports.
- Construction safety checklist report.

### 5. Traffic Control

#### 5.1. Traffic Control Plan

The project work area is located in Area A & C, therefore coordination meetings shall be conducted with Israeli and local councils that has jurisdiction over any portion of the works to get their

SAK got the Israeli authorities approval followed by getting all concerned local parties approvals (Police station and Rafat Council) for the proposed traffic control plan. Therefore, a Traffic Control Plan as per SUB-15-00011-RAF-035-A was submitted to CMC on November 25, 2015 and it was accepted on December 02, 2015. A Traffic Control Plan submittals from Sta. 0+400 to Sta. 1+620 was also submitted to CMC on December 29, 2015 and it is still under review.

The Sequence of work for the project will be as indicated below starting from Phase IA, then Phase IB, then Phase II, then Phase III, then Phase IV and finally Phase V:

- **Phase I:**  
**Phase 1.A: from Sta.0+000 to Sta.0+200:**



Segment B will be closed for traffic from B+020 to B0+108 and the road segment from Sta. 0 + 000 to Sta. 0+200 will be used as a detour.

**Phase 1.B: from Sta. B0+000 to Sta.B 0+108:**

During this reporting period, Segment A and B had been used as a detour and the road at Sta. 0+200 had been closed to work on the segment from Sta. 0+000 to Sta. 0+200.

- **Phase II:**

**Phase 2.1: from Sta. A0+000 to Sta.0+460 RHS & LHS:**

Work will be conducted as work in stop/go approach; work on the RHS of the road while diverting one way traffic on the LHS. The traffic will be controlled by flagmen. Once completed, the same approach will be adopted for the construction of the LHS.

- **Phase III:**

**From 0+460 to 0+880:**

Work will be conducted as work in stop/go approach; work on the RHS of the road while diverting one way traffic on the LHS. The traffic will be controlled by flagmen. Once completed, the same approach will be adopted for the construction of the LHS.

- **Phase IV:**

**Roundabout area (0+880 to 1+080):**

This phase will include 4 to 5 sub-phases. Work will be conducted as work in stop/go approach; while diverting the one way traffic on the different legs of the proposed roundabout. The traffic will be controlled by flagmen. Once completed adopt the same approach for the construction of the LHS.

- **Phase V:**

**From 1+080 to 1+650:**

During this reporting period, work had been conducted as work in stop/go approach; work on the RHS of the road while diverting one way traffic on the LHS. The traffic had been controlled by flagmen. Once completed; the same approach will be adopted for the construction of the LHS.

## 5.2. Traffic Control Measures

The required Traffic Control and Safety Measures were implemented during installing safety and temporary projects signs excavation, grading, compaction and benching works.



## **6. Mitigation, Monitoring and Environmental Plan (EMMP):**

One of SAK's goals and responsibilities is to protect the environment during construction. SAK prepared and submitted an Environmental Monitoring & Mitigation Plan (EMMP) includes all necessary actions to be taken including institutional strengthening needs, capacity building and training, project documentation and a summary of environmental impacts of the project and mitigation measures.

EMMP was submitted as per SUB-15-00011-RAF-024-A to CMC on November 05, 2015 and it was returned with Action –C (Revise & Resubmit). Accordingly a revised Mitigation and Monitoring Plan was submitted to CMC on November 17, 2015 and was accepted on November 23, 2015.

No environmental issues were reported during the current reporting period. On the other hand, SAK will monitor the impact of construction activities on surrounding area.

## **7. Construction Risk Management Plan (CRMP):**

A comprehensive dilapidation survey along the project was carried out by Saqqa and Khoudary during October, 2015 in order to record the existing site conditions and to prepare a comprehensive Risk Management plan. The aforementioned plan was submitted to CMC on November 08, 2015 for review and it was returned with Action –C (Revise & Resubmit). Accordingly a revised CRMP submittal was submitted to CMC on November 16, 2015 and it was accepted on November 23, 2015.

No updates for CRMP were issued during this reporting period.

## **8. Community Outreach:**

As per signed executed task order contract, two temporary project signs should be furnished and installed on approved locations. The required temporary signs were submitted and approved as per SUB-15-00011-RAF-005-A. The two approved temporary signs were manufactured and installed at the approved locations: Sta.A-0+070 RHS and Sta. 2+078 RHS on November 03, 2015.

Saqqa and Khoudary Co. Ltd. prepared the Project's Flyers and sent to USAID for approval on November 24, 2015. The approval was received on November 27, 2015; therefore SAK distributed the approved flyers to the public on November 29, 2015.

During this reporting period, there were no community outreach meetings.

## **9. Gender Consideration:**

As per IQC Contract and executed task order contract requirements section F.5 regarding Gender Action Plan; all employment and man power data were disaggregated in daily joint reports to reflect gender. In addition; the Geo-MIS indicator no. 02 (Person Days of employment generated) data was disaggregated



to reflect gender.

Saqqa and Khoudary Co. Ltd. qualified a female office engineer and a female quality control manager since October, 2015.

**10. Meetings and Coordination activities:**

The following table summarizes the list of meetings and coordination activities carried out during this reporting period:

Coordination Meetings		
Date	Attendees	Description
December 02, 2015	USAID-Rami Abu Ktaish BV-Karim Husari, Walid Aboudi, Ahmad Abbad, Eliana Salameh, Iman Jaradat MOPWH-Mohammad Adawi SAK-Saleem Tafesh, Wael Ashy, Majd Masha'la, Suheir Alqam	Bi-Weekly Progress Meeting #1 was conducted at BV site office
December 02, 2015	<ul style="list-style-type: none"> <li>JDECO</li> <li>JWA</li> <li>MOPWH</li> <li>DCL</li> </ul>	To discuss : <ul style="list-style-type: none"> <li>Traffic plan &amp; dumping area located in Area C - DCL</li> <li>Existing Electrical Cables-JDECO</li> <li>Another existing utilities-JWA, MOPWH</li> </ul>
December 07, 2015	<ul style="list-style-type: none"> <li>JDECO</li> <li>JWA</li> <li>MOPWH</li> <li>DCL</li> </ul>	To discuss : <ul style="list-style-type: none"> <li>Traffic plan &amp; dumping area located in Area C - DCL</li> <li>Existing Electrical Cables-JDECO</li> <li>Another existing utilities-JWA, MOPWH</li> </ul>
December 08, 2015	PALTEL	To discuss the relocation of the existing telecommunication cables and poles.
December 09, 2015	Rafat Council	To discuss the existing utilities locations
December 12, 2015	JDECO	To discuss the underground electricity cables locations.
December 15, 2015	<ul style="list-style-type: none"> <li>JDECO</li> <li>JWA-Mohammad Taha</li> <li>MOPWH</li> <li>DCL</li> </ul>	To discuss : <ul style="list-style-type: none"> <li>Traffic plan &amp; dumping area located in Area C - DCL</li> <li>Existing Electrical Cables-JDECO</li> <li>Another existing utilities-JWA, MOPWH</li> </ul>
December 16, 2015	BV-Karim Husari, Firas awad, Eliana Salameh, Iman Jaradat SAK- Wael Ashy, Suheir Alqam, Muna Al Shaer	Bi-Weekly Progress Meeting #2 was conducted at BV site office
December 20, 2015	<ul style="list-style-type: none"> <li>JDECO</li> <li>JWA</li> <li>MOPWH</li> <li>DCL</li> </ul>	To discuss : <ul style="list-style-type: none"> <li>Traffic plan &amp; dumping area located in Area C - DCL</li> <li>Existing Electrical Cables-JDECO</li> </ul>



		<ul style="list-style-type: none"> <li>Another existing utilities-JWA,MOPWH</li> </ul>
December 28, 2015	<ul style="list-style-type: none"> <li>JDECO</li> <li>JWA</li> <li>MOPWH</li> <li>DCL</li> </ul>	To discuss : <ul style="list-style-type: none"> <li>Traffic plan &amp; dumping area located in Area C - DCL</li> <li>Existing Electrical Cables-JDECO</li> <li>Another existing utilities-JWA,MOPWH</li> </ul>
December 30, 2015	USAID-Rami Abu Ktaish BV-Mahmoud Jaradat,Eliana Salameh, Firas Awad, Iman Jaradat SAK- Sleem Tafesh,Wael Ashy, Suheir Alqam ,Muna Al Shaer	Bi-Weekly Progress Meeting #3 was conducted at BV site office

**11. Site Visits:**

The following table summarizes the site visits occurred during this reporting period:

Site Visit		
Date	Company	Location
December 02, 2015	USAID –Rami Abu Ktaish MOPWH-Mohammad Adawi	Site
December 07, 2015	USAID –Rami Abu Ktaish	Site
December 15, 2015	JWA-Mohammad Taha	Site
December 16, 2015	JWA-Mohammad Taha	Site
December 27, 2015	BV-Adnan Safi	Site
December 28, 2015	BV-Adnan Azazmeh	Site
December 29, 2015	USAID-Rami Abu Ktaish Rafat Council	Site
December 30, 2015	JDECO	Site

**12. Procurement Status:**

**12.1 Procurement activities:**

During this reporting period, the procurement activities were focused on completion of CMC and SAK offices which included the following:

- Procurement of field offices furnitures.
- Procurement of computers and IT equipments.



The following table summarizes the status of procured materials:

Procurement Schedule for construction activities		
Procured items	Date of order	Expected delivery date
3” Steel Pipes	November 09, 2015	January 20, 2016

**12.2 Material and Equipment Delivered on Site:**

Materials delivered to site during this reporting period:

Material Log		
Date	Material Delivered to Site	Quantity
<b>Month : December, 2015</b>		
December 1, 2015	None	None
December 2, 2015	Base Course Material	32 m3
December 3, 2015	Concrete Barriers	20 l.m
December 4, 2015		
December 5, 2015	Base Course Material	230 m3
December 6, 2015	None	None
December 7, 2015	None	None
December 8, 2015	Sub base Material	42 m3
December 9, 2015	None	None
December 10, 2015	None	None
December 11, 2015		
December 12, 2015	None	None
December 13, 2015	None	None
December 14, 2015	Concrete Barriers T2W3	156 l.m
	Traffic signs	
December 15, 2015	Curbstone	288 l.m
	Edge beam	400 l.m
	Sub base Material	45 m3
December 16, 2015	Concrete B200	4 m3
	Sub base Material	45 m3
December 17, 2015	None	None
December 18, 2015		
December 19 2015	None	None
December 20, 2015	Sub base Material	100 m3
	Single Size	16 m3
December 21, 2015	Sub base Material	210 m3
	Concrete B300	2 m3
December 22, 2015	Sub base Material	100 m3
	Concrete B300	14 m3
December 23, 2015	Reinforcement Steel $\phi$ 14 & $\phi$ 16	2 ton
December 24, 2015	None	None
December 25, 2015		
December 26, 2015	Sub base Material	160 m3
	Concrete B200	4 m3
December 27, 2015	Base Course Material	160 m3
December 28, 2015	Base Course Material	32 m3



	Compextra HF	125 kg
	Nito Bond SBR 201	50 liter
	Nitoproof 30	180 liter
December 29, 2015	Base Course Material	100 m3
	Concrete	14 m3
December 30, 2015	None	None
December 31, 2015	None	None

The following table consists of all equipment used on site during this reporting period:

Date Equipment		Equipment Log																														
		1-Dec-15	2-Dec-15	3-Dec-15	4-Dec-15	5-Dec-15	6-Dec-15	7-Dec-15	8-Dec-15	9-Dec-15	10-Dec-15	11-Dec-15	12-Dec-15	13-Dec-15	14-Dec-15	15-Dec-15	16-Dec-15	17-Dec-15	18-Dec-15	19-Dec-15	20-Dec-15	21-Dec-15	22-Dec-15	23-Dec-15	24-Dec-15	25-Dec-15	26-Dec-15	27-Dec-15	28-Dec-15	29-Dec-15	30-Dec-15	31-Dec-15
JCB	Quantity in use		1						1	1		1	1	1									1	1								
	Quantity idle																															
Wheel Excavator	Quantity in use	1					1							1																		
	Quantity idle																															
Chain Excavator	Quantity in use																												1	1	1	
	Quantity idle																															
Wheel Loader	Quantity in use					1	1	1	1	1		1	1		1	1	1			1	1			1	1		1	1	1	1		
	Quantity idle																						1									
Grader	Quantity in use																				1	1			1							
	Quantity idle																				1	1			1							
Truck	Quantity in use	1	2	1		3	1	1	1												2	2	2				2	2	2	5	3	
	Quantity idle																			2				2	2							
Water Tank	Quantity in use							1													1	1			1			1	1			
	Quantity idle																				1	1		1								
Truck Crane	Quantity in use		1																													
	Quantity idle																															
Concrete Mixer	Quantity in use															1							2				1			2		
	Quantity idle																															
Concrete Pump	Quantity in use																							1					1			
	Quantity idle																															
Milling Machine	Quantity in use					1																										
	Quantity idle																															
Steel Roller	Quantity in use							1		1		1	1		1	1	1			1		1	1	1	1			1	2			
	Quantity idle													1						1	2		2	2	1		2	1				

### 13. Progress and Scheduling

During the month of December, Saqqa and Khoudary activities were focused on the completion of major items as indicated below:

- Completion of Mobilization activities.
- Completion of Preconstruction submittals
- Preparing shop drawings for road segments, retaining walls and stone walls.



A preliminary progress schedule including detailed activities of the above-mentioned items for the initial 60 Day Plan of Operation schedule was submitted under submittal SUB-15-00011-RAF-007-A on October 20, 2015 to CMC and was returned with Action-C (Revise & Resubmit). Consequently SAK addressed all the comments and resubmitted it on October 29, 2015 to CMC and it was accepted on November 03, 2015.

A detailed original CPM submittal also was submitted to the CMC on November 05, 2015 and it was returned with Action-C (Revise & Resubmit). Consequently SAK addressed all the comments and resubmitted it on December 09, 2015 to CMC and it was accepted on December 14, 2015.

### 13.1. Activities during the Current Reporting Period:

- Continue preparing and submitting pre-construction submittals:
  - Submittals Schedule.
  - Quality Control Plan.
  - Test Laboratories profile.
  - Key personnel
  - Original CPM Schedule
  - General Construction Method.
  - Dilapidation Survey.
  - Traffic Control Plan from Sta.0+400 to Sta.1+620.
  - Security Plan
  - Dumping area.
  - Storage yard.
- Total of (22) material submittals were submitted to the Engineer.
- Continue preparing Engineer and SAK field offices.
- Continue site surveying works from Sta.0+000 to Sta.2+191.
- Handed over center line coordination from Sta.0+200 to Sta.0+400 and from Sta.1+040 to Sta.1+500.
- Continue preparing storage yard area.
- Preparing and submission of shop drawings for:
  - The road -plan, profile and cross sections-from Sta.0+000 to Sta.0+200 and from Sta.1+050 to Sta.1+350.
  - Segment A (from Sta.A0+000 to Sta.A 0+164.7).
  - Segment B (from Sta.B 0+000 to Sta.B 0+113.74).
  - Retaining walls (from Sta. 0+000 to Sta. 0+050) LHS.
  - Stone walls (from Sta.0+000 to Sta.0+023.5) RHS.
  - Shop drawings for storm water.
  - Survey plan for main road, segment A and Segment B.
- Completion of mobilization activities.
- Start benching works from Sta.0+055 to Sta.0+083 LHS.
- Start and complete excavation works for retaining wall from Sta.0+000 to Sta.0+015 LHS.
- Shuttering steel reinforcement and casting concrete works for retaining wall footing from Sta.0+000 to Sta. 0+015 LHS
- Start excavation works for soil replacement from Sta.0+173 to Sta.0+195 LHS.
- Excavation works for the carriage way from Sta. 0+000 to Sta.0+200.
- Start excavation works for subgrade layer from Sta.0+040 to Sta.0+195 and from Sta.1+050 to Sta.1+200.



### 13.2. Planned Activities for Next Month

The following are the main activities planned for next reporting period:

- Completing submission of preconstruction Submittals.
- Continue preparing material and construction submittals.
- Continue the surveying works.
- Continue preparing, submission and approval of shop drawings for :
  - Plan & profile for road segment from Sta.0+900 to Sta.1+680.
  - Retaining walls from Sta.0+014 to Sta.0+049 RHS , from Sta.1+010 to Sta.1+010 to Sta.1+049 & from Sta.0+420 to Sta. 0+461 RHS.
  - Pipe culverts at Sta.0+720, Sta.0+953 &Sta.1+166.
- Construction works for stone wall at segment B from Sta.B 0+000 to Sta.B 0+103.
- Base course works for the road segment from Sta. 0+000 to Sta.0+200 and from Sta.B 0+000 to Sta.B 0+103
- Excavation works for reinforced concrete wall from Sta.0+420 to Sta. 0+461 RHS.
- Excavation works for Road Segment from Sta. A0+000 to Sta. 0+480 LHS.

### 14. Task Order Indicators

#### 14.1. Roads Sector Task Order Contract Indicator 1: Number of kilometers of transportation infrastructure constructed or repaired through USG assistance.

This indicator is measured by the number of kilometers of transportation infrastructure, such as regional, main and local roads, which are constructed or repaired through USG assistance under this Task Order.

SAK was provided with this indicator values (As per new PCBS) which are summarized in the table below:

Total No. of Beneficiaries	Female		Male	
	No.	Percentage	No.	Percentage
81,757	40,061	49%	41,696	51%

#### 14.2. Roads Sector Task Order Contract Indicator 2: Person Days of employment generated

This indicator is measured by the number of person days of employment generated by this Task Order. Saqqa and Khoudary measures person days of employment directly generated by construction work on site. Saqqa and Khoudary will measure this daily during Task Order implementation through Daily Joint Reports (DJRs). Neither expatriate person days of employment (i.e. those worked by American or other Third Country National staff) nor management nor administrative person days of employment (i.e. program level and other general and administrative staff shared among multiple task orders) shall be included in the Geo- MIS related reporting.

The following table summarizes the total number of Persons days of employment generated previously and during the current reporting period:

<b>Target value</b>	<b>7500</b>
Person Days of Employment Generated Previously	<b>252</b>
Person Days of Employment Generated During the Current Reporting Period	<b>433</b>
Accumulative Persons Days of Employment Generated	<b>685</b>
<b>Male Person Days of Employment</b>	



Person Days of Employment Generated Previously	167
Person Days of Employment Generated during the current reporting period	380
Accumulative Persons Days of Employment Generated	547
<b>Female Person Days of Employment</b>	
Person Days of Employment Generated Previously	85
Person Days of Employment Generated during the current reporting period	53
Accumulative Persons Days of Employment Generated	138
<b>Total Number of Full Time Equivalent Jobs (FTE)</b>	
Number of Full Time Equivalent Jobs Generated Previously	11
Number of Full Time Equivalent Jobs Generated During Current Period	18
<b>Total Number of Full Time Equivalent Jobs Generated</b>	<b>29</b>

For more details, please refer to Geo-MIS log in Annexes – Annex H

### 15. Working / Non – Working Days

The following table summarizes the total number of working and non-working days during this reporting period:

Description	Days
Contractual Period of Performance (Original)	200 Calendar Days
Total Excusable Delays/Approved Time Extensions	---
Modified Period of Performance	---
Modified Completion Date	----
Number of Working Days during this month	25 Calendar Days
Accumulated Working Days	71 Calendar Days
Number of non-working days (holidays and weekends) during this reporting period	4 Calendar Days
Accumulated non-working days (holidays and weekends)	11 Calendar Days
Number of other non-working days due to bad weather(Rain)	2 Calendar Days
Accumulated other non-working days (Hot/Snow/Rain)	2 Calendar Days

### 16. Site Memorandum

There were no site memos during this reporting period:

Site Memorandum log						
SM No.	From	To	Description	Sent Date	Type	
From C-E						
No site memos during this reporting period						
Site Memorandum log						
SM No.	From	To	Description	Received Date	Type	
From E-C						
SM-15-00011-RAF-E-C-003	BV	SAK	Dumping area	December 30, 2015	Site Instruction	
SM-15-00011-RAF-E-C-004	BV	SAK	Unsafe condition for electrical poles	December 30, 2015	Site Instruction	



**17. Quality Control Status**

This Quality Control Plan is established to provide all the necessary testing and documentation of the contract in order to assure that all work (Onsite/Offsite, Work by Subcontractors, Fabricators, Suppliers and Purchasing agents Subcontractors, Fabricators, and Suppliers) accomplished and all materials and equipment supplied are in accordance with the plans and specifications applicable to the work and meet the quality control provisions of the said plans and specifications.

The Quality Control Plan (QCP) was submitted to CMC for approval on October 25, 2015. It includes the proposed quality control program that should be followed during the construction phase, including the forms of recording the quality control operations, organization chart, control activities, testing, administration of the system for onsite and offsite work, submittal procedures, materials, three phase inspection system, and documentation procedures. The aforementioned submittal was returned with Action-C C (Revise & Resubmit). Accordingly a revised Quality Control Plan submittal was submitted to CMC on December 06, 2015 and it was accepted on December 13, 2015.

**17.1. Inspection Requests:**

The following table indicates the list of Inspection Requests issued during this reporting period:

Inspection Request Log							
IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
IR-15-00011-RAF-003-A	Safety enhancement for excavation works for the retaining wall from Sta.0+000 to Sta.0+050	November 30, 2015	December 1, 2015	December 2, 2015	2	C	
IR-15-00011-RAF-004-A	Handing Over Coordinates and Natural Ground Level From 0+031.95 to 0+195.16	December 6, 2015	December 6, 2015	December 6, 2015	0	A	
IR-15-00011-RAF-005-A	Start excavation works from 0+031.95 to 0+195.16	December 6, 2015	December 6, 2015	December 6, 2015	0	A	
IR-15-00011-RAF-006-A	Excavation for benching from Sta.0+055 to Sta.0+083LHS	December 8, 2015	December 8, 2015	December 8, 2015	0	A	
IR-15-00011-RAF-007-A	Benching First layer from Sta.0+055 to Sta.0+083LHS	December 9, 2015	December 9, 2015	December 9, 2015	0	C	A
IR-15-00011-RAF-008-A	Benching second layer from Sta.0+055 to Sta.0+083LHS	December 10, 2015	December 12, 2015	December 13, 2015	3	C	



IR-15-00011-RAF-009-A	Handing over excavation for replacement from Sta.0+070 to Sta.0+190 RHS	December 15, 2015	December 15, 2015	December 15, 2015	0	A	
IR-15-00011-RAF-010-A	Base course layer under retaining wall foundation from Sta.0+000 to Sta.0+015 LHS	December 15, 2015	December 15, 2015	December 15, 2015	0	A	
IR-15-00011-RAF-011-A	Retaining Wall Blinding Concrete From Sta.0+000 to Sta.0+015 LHS	December 16, 2015	December 16, 2015	December 16, 2015	0	A	
IR-15-00011-RAF-012-A	First replacement layer from Sta.0+070 to Sta.0+190 RHS	December 17, 2015	December 17, 2015	December 17, 2015	0	C	
IR-15-00011-RAF-012-B	First replacement layer from Sta.0+070 to Sta.0+190 RHS	December 20, 2015	December 20, 2015	December 20, 2015	0	A	
IR-15-00011-RAF-013-A	Handing over mobilization of storage yard	December 17, 2015	December 17, 2015	December 17, 2015	0	C	
IR-15-00011-RAF-013-B	Handing over mobilization of storage yard	December 23, 2015	December 23, 2015	December 23, 2015	0	C	
IR-15-00011-RAF-013-C	Handing over mobilization of storage yard	December 28, 2015	December 28, 2015	December 28, 2015	0	A	
IR-15-00011-RAF-014-A	Handing over mobilization of field office IT and computers system	December 17, 2015	December 17, 2015	December 17, 2015	0	C	
IR-15-00011-RAF-014-B	Handing over mobilization of field office furniture's & IT and computers system	December 28, 2015	December 28, 2015	December 28, 2015	0	A	
IR-15-00011-RAF-015-A	Base course layer under retaining wall foundation from Sta.0+015 to Sta.0+030 LHS	December 17, 2015	December 19, 2015	December 20, 2015	3	C	
IR-15-00011-RAF-016-A	Benching third layer from Sta.0+055 to Sta.0+083LHS	December 17, 2015	December 19, 2015	December 20, 2015	3	A	
IR-15-00011-RAF-017-A	Retaining Walls Footing Level, Dimension , Formwork, Reinforcement From Sta.0+000 to Sta.0+015 LHS	December 21, 2015	December 21, 2015	December 21, 2015	0	C	A
IR-15-00011-	<del>Casting reinforced concrete for retaining walls footing from</del>	<del>December</del>	<del>December</del>			Retrac	



RAF-018-A	Sta.0+000 to Sta.0+015 LHS	21, 2015	21, 2015				ted	
IR-15-00011-RAF-018-A	Casting reinforced concrete for retaining walls footing from Sta.0+000 to Sta.0+015 LHS	December 22, 2015	December 22, 2015	December 22, 2015	0		A	
IR-15-00011-RAF-019-A	Fourth benching layer from Sta.0+055 to Sta.0+083LHS	December 23, 2015	December 23, 2015	December 23, 2015	0		C	
<del>IR-15-00011-RAF-020-A</del>	<del>Second replacement layer from Sta.0+070 to Sta.0+190 RHS</del>	<del>December 23, 2015</del>	<del>December 23, 2015</del>				<del>Retrae</del> <del>ted</del>	
IR-15-00011-RAF-021-A	Handing over Coordinates and Natural Ground Level From 0+195 to 0+450	December 23, 2015	December 24, 2015	December 26, 2015	3		A	
IR-15-00011-RAF-022-A	Handing over retaining wall formwork and reinforcement steel from Sta.0+000 to Sta.0+015 LHS	December 23, 2015	December 26, 2015	December 27, 2015	4		A	
IR-15-00011-RAF-023-A	Handing over Coordinates and Natural Ground Level from 1+040 to 1+500	December 27, 2015	December 27, 2015	December 27, 2015	0		A	
IR-15-00011-RAF-024-A	Implementing Safety Traffic Plan to start excavation From Sta.1+050 to Sta.1+200	December 28, 2015	December 28, 2015	December 28, 2015	0		A	
IR-15-00011-RAF-025-A	Retaining Walls Footing Level, Dimension , Formwork, Reinforcement steel From Sta.0+015 to Sta.0+030 LHS	December 28, 2015	December 28, 2015	December 28, 2015	0		A	
IR-15-00011-RAF-026-A	Subgrade width and level from Sta.0+040 to Sta.0+190	December 28, 2015	December 28, 2015	December 28, 2015	0		A	
IR-15-00011-RAF-027-A	start excavation works From Sta.1+050 to Sta.1+200	December 28, 2015	December 28, 2015	December 29, 2015	1		A	
IR-15-00011-RAF-028-A	Casting reinforced concrete for retaining walls footing from Sta.0+015 to Sta.0+030 LHS	December 29, 2015	December 29, 2015	December 29, 2015	0		A	
IR-15-00011-RAF-029-A	Casting reinforced concrete B300 for retaining wall from Sta.0+000 to Sta.0+007.50	December 30, 2015	December 31, 2015				P	



	LHS						
IR-15-00011-RAF-030-A	Handing over retaining wall formwork and reinforcement steel from Sta.0+015 to Sta.0+023 LHS	December 30, 2015	January 2, 2015			P	
IR-15-00011-RAF-031-A	Casting reinforced concrete B300 for retaining walls from Sta.0+015 to Sta.0+023 LHS	December 30, 2015	January 2, 2015			P	
*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit, D:Rejected-Resubmit, E:Review Not Required, P:Pending							

**17.2 Testing Reports:**

The following table summarizes the test submittals issued during this reporting period:

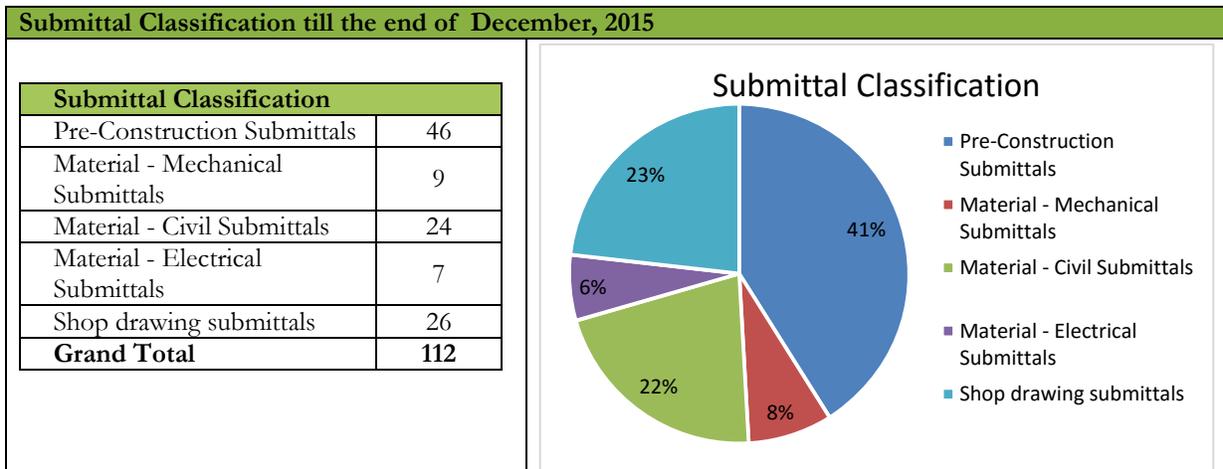
QC Submittals Log					
Submittal No.	Description	Submitted Date	Response Date	Review Days	Status
TEST-15-00011-RAF-001-A	Sub base materials Rep. No. AGB 15/0754	December 14, 2015	December 20, 2015	6	B
TEST-15-00011-RAF-002-A	Soil replacement first layer from Sta.0+070 to Sta.0+120 Rep. No. BFD/15/1006 & Retest at Sta.0+140 RHS Rep. No. BFD/15/1007	December 20, 2015	December 28, 2015	8	C
TEST-15-00011-RAF-002-B	Soil replacement first layer from Sta.0+070 to Sta.0+195 RHS Rep. No. BFD/15/1006 & Retest Rep. No. BFD/15/1007	December 28, 2015	December 30, 2015	2	A
TEST-15-00011-RAF-003-A	Proctor for sub base material at Sta.140 RHS Rep.No. AGB 15/0756	December 20, 2015	December 28, 2015	8	C
TEST-15-00011-RAF-003-B	Proctor for first replacement layer from Sta.0+070 to Sta.0+195 RHS Rep.No. AGB 15/0756	December 28, 2015	December 30, 2015	2	A
TEST-15-00011-RAF-004-A	Soil replacement second layer from Sta.0+055 to Sta.0+083 LHS Rep. No. BFD/15/1005	December 21, 2015	December 28, 2015	7	B
TEST-15-00011-RAF-005-A	Proctor for sub base material from Sta.0+055 to Sta.0+083 LHS & from Sta.0+070 to Sta.195 RHS Rep.No. .AGB/15/0760/GMT Testing Center	December 27, 2015	December 28, 2015	1	A

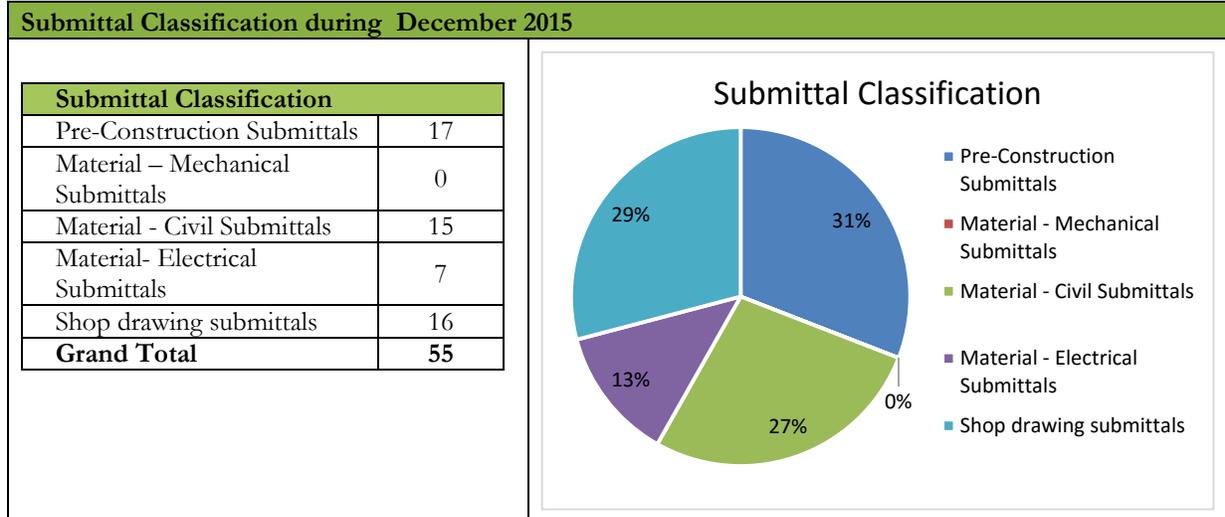


TEST-15-00011-RAF-006-A	Soil replacement second layer from Sta.0+070 to Sta.0+195 RHS and forth benching layer from Sta.0+055 to Sta.0+083 LHS Rep.No .BFD/15/1013-R/GMT Testing Center	December 27, 2015	December 28, 2015	1	C
TEST-15-00011-RAF-006-B	Soil replacement second layer from Sta.0+070 to Sta.0+195 RHS and forth benching layer from Sta.0+055 to Sta.0+083 LHS Rep.No .BFD/15/1013-R/GMT Testing Center	December 28, 2015	December 30, 2015	2	A
TEST-15-00011-RAF-007-A	Proctor for sub base material from Sta.0+055 to Sta.0+083 LHS & from Sta.0+070 to Sta.195 RHS Rep.No. TB/ 15-300/ECES	December 27, 2015	December 28, 2015	1	A
TEST-15-00011-RAF-008-A	Soil replacement second layer from Sta.0+070 to Sta.0+195 RHS and forth benching layer from Sta.0+055 to Sta.0+083 LHS Rep.No .TFD/15-317/ 15-300/ECES	December 27, 2015	December 28, 2015	1	A
*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit, D:Rejected-Resubmit, E:Review Not Required, P:Pending					

**18. Submittals Status**

During the current reporting period pre-construction submittals, material submittals and shop drawings submittals were prepared and submitted to the CMC for review and approval. The following charts summarizes the status of submittals during December, 2015 .





For more information please refer to the following submittal log table for submittals issued during the current reporting period and for Annex H that include accumulative submittals log.

Submittals Log					
Submittal No.	Description	Submitted Date	Response Date	Review Days	Status
SUB-15-00011-RAF-006-A	Submittals Schedule	December 02, 2015	December 16, 2015	14	B
SUB-15-00011-RAF-017-B	Quality Control Plan	December 06, 2015	December 13, 2015	7	B
SUB-15-00011-RAF-020-B	Developed Company Profile and Job Mix Design	December 20, 2015	December 21, 2015	1	E
SUB-15-00011-RAF-021-C	Shop drawings (Plan, Profile and Cross Sections) from Sta. 0+000 to Sta.0+200	December 03, 2015			Retracted
SUB-15-00011-RAF-021-C	Shop drawings (Plan, Profile and Cross Sections) from Sta. 0+000 to Sta.0+200	December 03, 2015	December 08, 2015	5	B
SUB-15-00011-RAF-021-D	Shop drawings (Plan, Profile and Cross Sections) from Sta. 0+031.95 to Sta.0+195.16/For construction	December 10, 2015	December 13, 2015	3	A
SUB-15-00011-RAF-023-B	Original CPM Schedule	December 09, 2015	December 14, 2015	5	B
SUB-15-00011-RAF-023-C	Original CPM Schedule	December 27, 2015			P
SUB-15-00011-RAF-027-B	Emar Laboratory Profile	December 28, 2015			P
SUB-15-00011-RAF-028-B	Steel Reinforcement Supplier and Data Sheet	December 07, 2015	December 20, 2015	13	B
SUB-15-00011-RAF-029-B	Shop drawings (Plan,Profile and Cross Sections) for Segment B from Sta.B 0+000 to Sta.B0+113.74 & for Segment A	December 06, 2015	December 08, 2015	2	C



	from Sta.A0+000 to Sta.A 0+150)				
SUB-15-00011-RAF-029-C	Shop drawings (Plan, Profile and Cross Sections) for from Sta. 0+000 to Sta.B0+113.74 & for Segment A from Sta.A0+000 to Sta.A 0+164.7)	December 13, 2015	December 21, 2015	8	B
SUB-15-00011-RAF-029-D	Shop drawings (Plan, Profile and Cross Sections) from Sta. 0+000 to Sta.B0+113.74 & for Segment A from Sta.A0+000 to Sta.A 0+164.7) / For Construction	December 22, 2015	December 30, 2015	8	A
SUB-15-00011-RAF-030-B	General Construction Method Statement	December 08, 2015	December 16, 2015	8	B
SUB-15-00011-RAF-031-C	Shop drawings for retaining walls from Sta.0+000 to Sta. 0+050 LHS	December 16, 2015	December 29, 2015	13	B
SUB-15-00011-RAF-032-D	Shop drawings for Stone Wall from Sta.0+000 to Sta. 0+023.5 RHS / FOR CONSTRUCTION	December 06, 2015	December 07, 2015	1	A
SUB-15-00011-RAF-033-B	Dilapidation Survey for main road from Sta.0+000 to Sta. 2+191 , Segment A & B	December 20, 2015	December 27, 2015	7	C
SUB-15-00011-RAF-036-B	Sealing material for concrete joints- Nitoseal PU40	December 06, 2015	December 13, 2015	7	C
SUB-15-00011-RAF-038-B	Bitumen Protective Coating Material for Concrete Surfaces Nitoproof 30	December 06, 2015	December 08, 2015	2	C
SUB-15-00011-RAF-039-A	Curb stone, edge beams and Interlocking Blocks /Al Sous Global Company For Construction Industries	December 03, 2015	December 13, 2015	10	B
SUB-15-00011-RAF-040-A	Key Personal	December 06, 2015	December 08, 2015	2	E
SUB-15-00011-RAF-041-A	Base Course Loose Sample Testing Results-Kofer Aqab Stockpile (Report # ABG 15/0751)	December 06, 2015	December 13, 2015	7	C
SUB-15-00011-RAF-041-B	Sub base material loose sample testing results - Rep No. AGB 15/0751-R-R / Source Kofer Aqab Stockpile	December 21, 2015	December 27, 2015	6	C
SUB-15-00011-RAF-041-C	Base Course Loose Sample Testing Results-Al Reehan (Report # TB/15-299-R)	December 27, 2015	December 29, 2015	2	B
SUB-15-00011-RAF-042A	Shop drawing of storm water manholes	December 8, 2015			Retracted
SUB-15-00011-RAF-042A	Precast storm water manholes / ADDASI COMPANY	December 13, 2015	December 29, 2015	16	C
SUB-15-00011-RAF-043A	Security plan	December 08, 2015	December 13, 2015	5	A



SUB-15-00011-RAF-044A	Building Center Laboratory profile / Alternative	December 09, 2015	December 16, 2015	7	B
SUB-15-00011-RAF-045A	Al Tarifi contracting and reconstruction company profile and 3/4" wearing asphalt mix design	December 09, 2015	December 20, 2015	11	B
SUB-15-00011-RAF-046A	Al Nabali & Al Sheikh co. profile and Job mix design / Alternative ready mix concrete source	December 10, 2015	December 16, 2015	6	B
SUB-15-00011-RAF-047A	Public Relation Plan (PRP)	December 13, 2015	December 13, 2015	0	B
SUB-15-00011-RAF-048A	Coordination With Local Authorities Plan	December 13, 2015	December 14, 2015	1	B
SUB-15-00011-RAF-049A	Granular fill-Single size coarse aggregate No.67 (19.0-4.75mm) /Qandeel Crusher	December 13, 2015	December 14, 2015	1	A
SUB-15-00011-RAF-050A	Survey Plan for main Road , Segment A and Segment B	December 13, 2015	December 27, 2015	14	B
SUB-15-00011-RAF-051A	Unplasticized Polyvinyl Chloride (UPVC) 10" Pipes/Royal industrial trading company	December 14, 2015	December 20, 2015	6	A
SUB-15-00011-RAF-052A	Shop Drawings Plan , Profile & Cross Sections for Main Road from Sta. 0+280 to Sta. 0+900	December 14, 2015			P
SUB-15-00011-RAF-053A	Storage Yard	December 16, 2015	December 27, 2015	11	A
SUB-15-00011-RAF-054A	Dumping area	December 20, 2015	December 21, 2015	1	C
SUB-15-00011-RAF-054B	Dumping area	December 30, 2015	December 30, 2015	0	A
SUB-15-00011-RAF-055A	<del>Cobra –spiral pipe</del>	<del>December 20, 2015</del>			<del>Retracted</del>
SUB-15-00011-RAF-055A	Cobra –spiral pipe 3" for Lighting pole power cable	December 21, 2015			P
SUB-15-00011-RAF-056A	Grounding system	December 20, 2015			P
SUB-15-00011-RAF-057A	Lighting fixture	December 20, 2015			P
SUB-15-00011-RAF-058A	Lighting pole	December 20, 2015			P
SUB-15-00011-RAF-059A	Power cable	December 20, 2015			P
SUB-15-00011-RAF-060A	Electrical cable warning tap	December 21, 2015			P
SUB-15-00011-RAF-061A	Shop Drawing (Plan , Profile & Cross Sections) for Main Road From Sta.1+050 to Sta.1+350	December 21, 2015			P
SUB-15-00011-RAF-062A	1 inch Binder Asphalt Mix Design - Tarifi contracting and	December 22, 2015	December 27, 2015	5	B



	construction co.				
SUB-15-00011-RAF-063A	Shop Drawing (Plan , Profile & Cross Sections) for storm water	December 27, 2015			P
SUB-15-00011-RAF-064A	Sub base material loose sample testing results - Rep No. AGB 15/0751-R-R / Source Kofer Aqab Stockpile	December 27, 2015	December 29, 2015	2	B
SUB-15-00011-RAF-065A	Prim Coat ( Bitumol M-10) / Leading Waterproofing Technologies	December 28, 2015			P
SUB-15-00011-RAF-066A	Traffic Control Plan from Sta.0+400 to Sta.1+620	December 29, 2015			P
SUB-15-00011-RAF-067A	Tarifi ready mix concrete company / Alternative ready mix concrete source	December 29, 2015			P
SUB-15-00011-RAF-068A	Heavy equipment's license and insurance	December 30, 2015			P
SUB-15-00011-RAF-069A	Dumping Area / Alternative locations	December 30, 2015			P
*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit, D:Rejected-Resubmit, E:Review Not Required, P:Pending					

**19. Transmittals:**

CONTRACTOR LETTERS LOG				
Letter No.	Description	Submitted Date	From	To
<b>LETTERS FROM CONTRACTOR TO LOCAL AUTHORITY</b>				
LTR.15.011.SAK-LOCAL.012	Telephone Poles Located in Retaining wall excavation location	December 01, 2015	SAK	PALTEL
LTR.15.011.SAK-LOCAL.013	Start works on stone wall from Sta.0+000 to Sta.0+015 RHS	December 22, 2015	SAK	Rafat Council
LTR.15.011.SAK-LOCAL.014	Fence from Sta.0+850 to Sta.1+180 RHS	December 29, 2015	SAK	Rafat Council
Letter No.	Description	Submitted Date	From	To
<b>LETTERS FROM CONTRACTOR TO ENGINEER</b>				
No letters were issued from contractor to Engineer during this reporting period				
Letter No.	Description	Submitted Date	From	To
<b>LETTERS FROM CONTRACTOR TO USAID</b>				
No letters were issued from contractor to USAID during this reporting period				
LOCAL AUTHORITIES LETTERS LOG				
Letter No.	Description	Submitted Date	From	To
LTR.15.011.LOCAL.001	Working on Rafat road	December 16, 2015	JDECO	SAK



LTR.15.011.LOCAL.002	Proposed road of Ramallah-Rafat	December 27, 2015	Rafat Council	SAK
LTR.15.011.LOCAL.003	Changing proposed stone wall to concrete wall	December 27, 2015	Rafat Council	SAK
LTR.15.011.LOCAL.004	Removing of Al Zagroust wall	December 30, 2015	Rafat Council	SAK

**20. Requests for Information**

One Request for Information was issued during this reporting period.

Request for information log			
RFI No.	Description	Submitted Date	Response Date
RFI-15-00011-RAF-C-E-001-A	Relocation of Existing Electrical Utilities by JDECO	December 29, 2015	P
*Note: P:Pending			

**21. Payments**

Mobilization payment was issued during this reporting period:

Progress Payment Log					
Invoice No.	Invoiced Amount	Cumulative Amount	Task Order Amount	Remaining Amount	Date Submitted to B&V
PAY-15-00011-RAF-001	\$ 102,741.37	\$ 102,741.37	\$2,846,960.91	\$2,744,219.54	December 29, 2015

**22. Variation Order Request**

No Variation Orders Requests were issued during this reporting period:

Variation Order Requests Log					
VOR No.	Description	Cost Impact (\$)	Time Impact (Calendar Day)	Submission Date	Response Date
No Variation Orders Requests					

**23. Variation Order**

No Variation Orders was issued during this reporting period:

Variation Order Log					
Variation Order No.	Description	PVOs/VOs Amount	PVOs/VOs (Calendar Days)	PVO/VO Status	Date Approved By USAID
No Variation Orders					



## 24. Obstacles and Challenges

### 24.1 Challenges:

There are many challenges during this reporting period:

- Coordination with Jerusalem District Electricity Company (JDECO) to relocate the existing utilities which were not indicated in their existing utilities maps provided to SAK before starting excavation works.
- Coordination with PALTEL to relocate the existing telecommunication cables and poles.
- No signed contract yet between SAK & JDECO as there is no agreement on the contract value.
- Getting approval from Israeli Authorities for the dumping area and traffic plan located in Area-C.
- Heavy traffic in the construction area.

### 24.2 Obstacles:

The following table summarizes the obstacles and actions taken during this reporting period:

Obstacles	Station		Reason	Date		Action Taken
	From	To		From	To	
Stoppage of excavation works for retaining wall	Sta.0+000 LHS	Sta.0+050 LHS	<ul style="list-style-type: none"> <li>• Rainy Weather</li> <li>• Existing utilities (telecommunication &amp; Electrical pole)</li> </ul>	Dec 01, 2015	Dec 01, 2015	Coordination with JEDCO & PALTEL
Stoppage of excavation works for retaining wall	Sta.0+000 LHS	Sta.0+050 LHS	<ul style="list-style-type: none"> <li>• Rainy Weather</li> <li>• Existing utilities (Electrical pole)</li> </ul>	Dec 14, 2015	Dec 14, 2015	Coordination with JEDCO
Stoppage of compaction works for benching from Sta.0+055 to Sta.0+083 LHS	Sta.0+055 LHS	Sta.0+083 LHS				
Stoppage of excavation works for retaining wall	Sta.0+030 LHS	Sta.0+050 LHS	<ul style="list-style-type: none"> <li>• Existing utilities (Electrical pole)</li> </ul>	Dec 15, 2015	Dec 17, 2015	Coordination with JEDCO
				Dec 19, 2015	Dec 26, 2015	Coordination with JEDCO



Stoppage of benching (1 <sup>st</sup> Layer)	Sta.0+070 RHS	Sta.0+190 RHS	<ul style="list-style-type: none"><li>Existing utilities (Electrical pole)</li></ul>	Dec 20, 2015	Dec 20, 2015	Coordination with JEDCO
Stoppage of benching (3 <sup>rd</sup> Layer)	Sta.0+055 LHS	Sta.0+083 LHS	<ul style="list-style-type: none"><li>Wet layer due to rainy weather on Saturday Dec.19, 2015</li></ul>			



**25. Progress Photos:**



**Photo# 1: Start excavation works for the retaining wall footing from Sta.0+000 to Sta.0+050LHS**



**Photo# 2: Survey works at Sta.0+030**



Photo# 3: Start excavation works for the carriage way from Sta.0+040 to Sta.0+200.



Photo# 4: Safety tool box meeting.



**Photo# 5: Benching (1st layer) works from Sta.0+055 to Sta.0+083LH**



**Photo# 6: Sub base course material spreading, mixing and compaction works for 1<sup>st</sup> layer replacement from Sta.0+070 to Sta.0+190 RHS**



Photo#7: Field density retest for the 1st layer replacement from Sta.0+070 to Sta.0+190 RHS and.



Photo#8: Casting concrete B300 for the retaining wall footing from Sta.0+000 to Sta.0+015 LHS



Photo#8: Leveling, grading and compaction works for sub grade from Sta.0+030 to Sta.0+195.



Photo#9: Implementation of the traffic plan from Sta. Sta.1+050 to Sta.1+200



**Photo#10: USIAD and Rafat Municipality site visit**



# Annexes

- A. Materials- Equipment Received Log
- B. Site Memorandum Log
- C. Inspection Request Log
- D. Submittals Log.
- E. RFP's Log for the Reporting Period
- F. Payment Log
- G. Transmittal Log
- H. Geo-MIS Data
- I. Risk Register
- J. Project Updated Schedule(Updated 60 Day Plan of Operation)
- K. One Month Look ahead Schedule
- L. Completed and in progress activities
- M. Progress S-Curve versus Actual
- N. Approved Original CPM Schedule and Narrative Report



# Annex A:

## Materials- Equipment Received Log



USAID WEST BANK - GAZA  
Local Construction Program (LCP)  
CONTRACT NO. AID-294-I-00-13-00002  
TASK ORDER NO. AID-294-TO-15-00011  
Ramallah\_Rafat (Southern Entrance) Road



Updated Date: December 31, 2015

Material Log

Date	Material Delivered to Site	Quantity
<b>Month : October, 2015</b>		
October 9, 2015		
October 10, 2015	None	None
October 11, 2015	None	None
October 12, 2015	None	None
October 13, 2015	None	None
October 14, 2015	None	None
October 15, 2015	None	None
October 16, 2015		
October 17, 2015	None	None
October 18, 2015	None	None
October 19, 2015	None	None
October 20, 2015	None	None
October 21, 2015	None	None
October 22, 2015	None	None
October 23, 2015		
October 24, 2015	None	None
October 25, 2015	None	None
October 26, 2015	None	None
October 27, 2015	None	None
October 28, 2015	None	None
October 29, 2015	None	None
October 30, 2015		
October 31, 2015	None	None
<b>Month : November, 2015</b>		
November 1, 2015	None	None
November 2, 2015	None	None
November 3, 2015	Concrete B300	3 m <sup>3</sup>
November 4, 2015	None	None
November 5, 2015	None	None
November 6, 2015		
November 7, 2015	None	None
November 8, 2015	None	None
November 9, 2015	None	None
November 10, 2015	None	None
November 11, 2015	None	None
November 12, 2015	None	None
November 13, 2015		
November 14, 2015	None	None
November 15, 2015	None	None
November 16, 2015	None	None



**USAID WEST BANK - GAZA**  
**Local Construction Program (LCP)**  
**CONTRACT NO. AID-294-I-00-13-00002**  
**TASK ORDER NO. AID-294-TO-15-00011**  
**Ramallah\_Rafat (Southern Entrance) Road**



Updated Date: December 31, 2015

**Material Log**

<b>Date</b>	<b>Material Delivered to Site</b>	<b>Quantity</b>
November 17, 2015	None	None
November 18, 2015	Traffic signs	
November 19, 2015	None	None
November 20, 2015		
November 21, 2015	Fence	100 l.m
November 22, 2015	None	None
November 23, 2015	None	None
November 24, 2015	None	None
November 25, 2015	Concrete Barriers	24 l.m
November 26, 2015	None	None
November 27, 2015		
November 28, 2015	None	None
November 29, 2015	None	None
November 30, 2015	None	None
<b>Month : December, 2015</b>		
December 1, 2015	None	None
December 2, 2015	Base Course Material	32 m3
December 3, 2015	Concrete Barriers	20 l.m
December 4, 2015		
December 5, 2015	Base Course Material	230 m3
December 6, 2015	None	None
December 7, 2015	None	None
December 8, 2015	Sub base Material	42 m3
December 9, 2015	None	None
December 10, 2015	None	None
December 11, 2015		
December 12, 2015	None	None
December 13, 2015	None	None
December 14, 2015	Concrete Barriers T2W3	156 l.m
	Traffic signs	
December 15, 2015	Curbstone	288 l.m
	Edge beam	400 l.m
	Sub base Material	45 m3
December 16, 2015	Concrete B200	4 m3
	Sub base Material	45 m3
December 17, 2015	None	None
December 18, 2015		
December 19, 2015	None	None
December 20, 2015	Sub base Material	100 m3
	Single Size	16 m3
December 21, 2015	Sub base Material	210 m3



**USAID WEST BANK - GAZA**  
**Local Construction Program (LCP)**  
**CONTRACT NO. AID-294-I-00-13-00002**  
**TASK ORDER NO. AID-294-TO-15-00011**  
**Ramallah\_Rafat (Southern Entrance) Road**



Updated Date: December 31, 2015

**Material Log**

<b>Date</b>	<b>Material Delivered to Site</b>	<b>Quantity</b>
December 21, 2015	Concrete B300	2 m3
December 22, 2015	Sub base Material	100 m3
	Concrete B300	14 m3
December 23, 2015	Reinforcement Steel $\phi 14$ & $\phi 16$	2 ton
December 24, 2015	None	None
December 25, 2015		
December 26, 2015	Sub base Material	160 m3
	Concrete B200	4 m3
December 27, 2015	Base Course Material	160 m3
December 28, 2015	Base Course Material	32 m3
	Compextra HF	125 kg
	Nito Bond SBR 201	50 liter
	Nitoproof 30	180 liter
December 29, 2015	Base Course Material	100 m3
	Concrete	14 m3
December 30, 2015	None	None
December 31, 2015	None	None







**USAID WEST BANK - GAZA**  
**Local Construction Program (LCP)**  
**CONTRACT NO. AID-294-I-13-00002**  
**TASK ORDER NO. AID-294-TO-15-00011**  
**Ramallah-Rafat (Southern Entrance) Road**



Updated Date: December 31, 2015

**Equipment Log**

Date Equipment		1-Dec-15	2-Dec-15	3-Dec-15	4-Dec-15	5-Dec-15	6-Dec-15	7-Dec-15	8-Dec-15	9-Dec-15	10-Dec-15	11-Dec-15	12-Dec-15	13-Dec-15	14-Dec-15	15-Dec-15	16-Dec-15	17-Dec-15	18-Dec-15	19-Dec-15	20-Dec-15	21-Dec-15	22-Dec-15	23-Dec-15	24-Dec-15	25-Dec-15	26-Dec-15	27-Dec-15	28-Dec-15	29-Dec-15	30-Dec-15	31-Dec-15	
		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use		Quantity in use	
JCB	Quantity in use		1							1	1		1	1	1								1	1									
	Quantity idle																																
Wheel Excavator	Quantity in use	1						1							1																		
	Quantity idle																																
Chain Excavator	Quantity in use																													1	1	1	
	Quantity idle																																
Wheel Loader	Quantity in use						1	1	1	1	1		1	1		1	1	1		1	1			1	1		1	1	1	1	1		
	Quantity idle																							1									
Grader	Quantity in use																					1	1		1								
	Quantity idle																			1	1			1									
Truck	Quantity in use	1	2	1		3	1	1	1													2	2	2				2	2	2	5	3	
	Quantity idle																			2				2	2								
Water Tank	Quantity in use								1													1	1		1			1	1				
	Quantity idle																			1	1			1									
Truck Crane	Quantity in use			1																													
	Quantity idle																																
Concrete Mixer	Quantity in use																1							2				1			2		
	Quantity idle																																
Concrete Pump	Quantity in use																							1						1			
	Quantity idle																																
Milling Machine	Quantity in use						1																										
	Quantity idle																																
Steel Roller	Quantity in use								1		1		1	1		1	1	1		1		1	1	1	1			1	2				
	Quantity idle														1					1	2		2	2	1		2	1					



# **Annex B:**

## **Site Memorandum Log**



USAID WEST BANK/GAZA

CONTRACT NO. AID-294-I-13-00002  
TASK ORDER NO. AID-294-TO-15-00011  
Ramallah -Rafat (Southern Entrance) Road



SITE MEMOS LOG FROM ENGINEER TO CONTRACTOR					
No.	SM No.	Project	Description	Received Date	Type
1	SM-15-00011-RAF-E-C-001	RAF	Replacement of Clayey Material from Sta.0+070 to Sta.0+195 RHS	December 13, 2015	Site Instruction
2	SM-15-00011-RAF-E-C-002	RAF	Elimination of Sections of Retaining walls	December 13, 2015	Site Instruction
3	SM-15-00011-RAF-E-C-003	RAF	Dumping area	December 30, 2015	Site Instruction
4	SM-15-00011-RAF-E-C-004	RAF	Unsafe condition for electrical poles	December 30, 2015	Site Instruction



# Annex C:

## Inspection Request Log



**USAID WEST BANK/GAZA**  
**LOCAL CONSTRUCTION PROGRAM (LCP)**  
**CONTRACT NO. AID-294-I-13-00002**  
**TASK ORDER NO.AID-294-TO-15-00011**  
**Ramallah -Rafat (Southern Entrance) Road**



INSPECTION REQUEST LOG_PROJECT ID										
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection	
1	IR-15-00011-RAF-001-A	Installation for temporary sign at Sta.A.0+070 RHS and Sta.2+078 RHS	November 3, 2015	November 3, 2015	November 4, 2015	November 3, 2015	0	A		
2	IR-15-00011-RAF-002-A	Coordinates, alignment and start structural excavation works for the retaining wall from St. 0+000 to St. 0+050 LHS.	November 30, 2015	November 30, 2015	December 1, 2015	November 30, 2015	0	A		
3	IR-15-00011-RAF-003-A	Safety enhancement for excavation works for the retaining wall from Sta.0+000 to Sta.0+050	November 30, 2015	December 1, 2015	December 2, 2015	December 2, 2015	2	C		
4	IR-15-00011-RAF-004-A	Handing Over Coordinates and Natural Ground Level From 0+031.95 to 0+195.16	December 6, 2015	December 6, 2015	December 7, 2015	December 6, 2015	0	A		
5	IR-15-00011-RAF-005-A	Start excavation works from 0+031.95 to 0+195.16	December 6, 2015	December 6, 2015	December 7, 2015	December 6, 2015	0	A		
6	IR-15-00011-RAF-006-A	Excavation for benching from Sta.0+055 to Sta.0+083LHS	December 8, 2015	December 8, 2015	December 9, 2015	December 8, 2015	0	A		
7	IR-15-00011-RAF-007-A	Benching First layer from Sta.0+055 to Sta.0+083LHS	December 9, 2015	December 9, 2015	December 10, 2015	December 9, 2015	0	C	A	
8	IR-15-00011-RAF-008-A	Benching second layer from Sta.0+055 to Sta.0+083LHS	December 10, 2015	December 12, 2015	December 13, 2015	December 13, 2015	3	C		
9	IR-15-00011-RAF-009-A	Handing over excavation for replacement from Sta.0+070 to Sta.0+190 RHS	December 15, 2015	December 15, 2015	December 16, 2015	December 15, 2015	0	A		
10	IR-15-00011-RAF-010-A	Base course layer under retaining wall foundation from Sta.0+000 to Sta.0+015 LHS	December 15, 2015	December 15, 2015	December 16, 2015	December 15, 2015	0	A		
11	IR-15-00011-RAF-011-A	Retaining Wall Blinding Concrete From Sta.0+000 to Sta.0+015 LHS	December 16, 2015	December 16, 2015	December 17, 2015	December 16, 2015	0	A		
12	IR-15-00011-RAF-012-A	First replacement layer from Sta.0+070 to Sta.0+190 RHS	December 17, 2015	December 17, 2015	December 18, 2015	December 17, 2015	0	C		
13	IR-15-00011-RAF-012-B	First replacement layer from Sta.0+070 to Sta.0+190 RHS	December 20, 2015	December 20, 2015	December 21, 2015	December 20, 2015	0	A		
14	IR-15-00011-RAF-013-A	Handing over mobilization of storage yard	December 17, 2015	December 17, 2015	December 18, 2015	December 17, 2015	0	C		
15	IR-15-00011-RAF-013-B	Handing over mobilization of storage yard	December 23, 2015	December 23, 2015	December 24, 2015	December 23, 2015	0	C		
16	IR-15-00011-RAF-013-C	Handing over mobilization of storage yard	December 28, 2015	December 28, 2015	December 29, 2015	December 28, 2015	0	A		
17	IR-15-00011-RAF-014-A	Handing over mobilization of field office IT and computers system	December 17, 2015	December 17, 2015	December 18, 2015	December 17, 2015	0	C		
18	IR-15-00011-RAF-014-B	Handing over mobilization of field office furniture's & IT and computers system	December 28, 2015	December 28, 2015	December 29, 2015	December 28, 2015	0	A		
19	IR-15-00011-RAF-015-A	Base course layer under retaining wall foundation from Sta.0+015 to Sta.0+030 LHS	December 17, 2015	December 19, 2015	December 20, 2015	December 20, 2015	3	C		
20	IR-15-00011-RAF-016-A	Benching third layer from Sta.0+055 to Sta.0+083LHS	December 17, 2015	December 19, 2015	December 20, 2015	December 20, 2015	3	A		
21	IR-15-00011-RAF-017-A	Retaining Walls Footing Level, Dimension , Formwork, Reinforcement From Sta.0+000 to Sta.0+015 LHS	December 21, 2015	December 21, 2015	December 22, 2015	December 21, 2015	0	C	A	
22	IR-15-00011-RAF-018-A	Casting reinforced concrete for retaining walls footing from Sta.0+000 to Sta.0+015 LHS	December 21, 2015	December 21, 2015	December 22, 2015			Retracted		
23	IR-15-00011-RAF-018-A	Casting reinforced concrete for retaining walls footing from Sta.0+000 to Sta.0+015 LHS	December 22, 2015	December 22, 2015	December 23, 2015	December 22, 2015	0	A		
24	IR-15-00011-RAF-019-A	Fourth benching layer from Sta.0+055 to Sta.0+083LHS	December 23, 2015	December 23, 2015	December 24, 2015	December 23, 2015	0	C		
25	IR-15-00011-RAF-020-A	Second replacement layer from Sta.0+070 to Sta.0+190 RHS	December 23, 2015	December 23, 2015	December 24, 2015			Retracted		
26	IR-15-00011-RAF-021-A	Handing over Coordinates and Natural Ground Level From 0+195 to 0+450	December 23, 2015	December 24, 2015	December 25, 2015	December 26, 2015	3	A		



USAID WEST BANK/GAZA  
 LOCAL CONSTRUCTION PROGRAM (LCP)  
 CONTRACT NO. AID-294-I-13-00002  
 TASK ORDER NO. AID-294-TO-15-00011  
 Ramallah -Rafat (Southern Entrance) Road



INSPECTION REQUEST LOG_PROJECT ID										
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection	
27	IR-15-00011-RAF-022-A	Handing over retaining wall formwork and reinforcement steel from Sta.0+000 to Sta.0+015 LHS	December 23, 2015	December 26, 2015	December 27, 2015	December 27, 2015	4	A		
28	IR-15-00011-RAF-023-A	Handing over Coordinates and Natural Ground Level from 1+040 to 1+500	December 27, 2015	December 27, 2015	December 28, 2015	December 27, 2015	0	A		
29	IR-15-00011-RAF-024-A	Implementing Safety Traffic Plan to start excavation From Sta.1+050 to Sta.1+200	December 28, 2015	December 28, 2015	December 29, 2015	December 28, 2015	0	A		
30	IR-15-00011-RAF-025-A	Retaining Walls Footing Level, Dimension , Formwork, Reinforcement steel From Sta.0+015 to Sta.0+030 LHS	December 28, 2015	December 28, 2015	December 29, 2015	December 28, 2015	0	A		
31	IR-15-00011-RAF-026-A	Subgrade width and level from Sta.0+040 to Sta.0+190	December 28, 2015	December 28, 2015	December 29, 2015	December 28, 2015	0	A		
32	IR-15-00011-RAF-027-A	start excavation works From Sta.1+050 to Sta.1+200	December 28, 2015	December 28, 2015	December 29, 2015	December 29, 2015	1	A		
33	IR-15-00011-RAF-028-A	Casting reinforced concrete for retaining walls footing from Sta.0+015 to Sta.0+030 LHS	December 29, 2015	December 29, 2015	December 30, 2015	December 29, 2015	0	A		
34	IR-15-00011-RAF-029-A	Casting reinforced concrete B300 for retaining wall from Sta.0+000 to Sta.0+007.50 LHS	December 30, 2015	December 31, 2015	January 1, 2016			P		
35	IR-15-00011-RAF-030-A	Handing over retaining wall formwork and reinforcement steel from Sta.0+015 to Sta.0+023 LHS	December 30, 2015	January 2, 2015	January 3, 2015			P		
36	IR-15-00011-RAF-031-A	Casting reinforced concrete B300 for retaining walls from Sta.0+015 to Sta.0+023 LHS	December 30, 2015	January 2, 2015	January 3, 2015			P		



# Annex D:

## Submittals Log.



USAID WEST BANK/GAZA  
 LOCAL CONSTRUCTION PROGRAM (LCP)  
 CONTRACT NO. AID-294-I-13-00002  
 TASK ORDER NO. AID-294-TO-15-00011  
 Ramallah -Rafat (Southern Entrance) Road



TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
1	SUB-15-00011-RAF-001-A	RAF	Insurance Guarantee	Pre-Construction	October 14, 2015	November 13, 2015	November 03, 2015	20	E
2	SUB-15-00011-RAF-002-A	RAF	Bank Guarantee Certificate	Pre-Construction	October 14, 2015	November 13, 2015	November 03, 2015	20	E
3	SUB-15-00011-RAF-003-A	RAF	Scheduling Qualification Submittal	Pre-Construction	October 14, 2015	November 13, 2015	October 19, 2015	5	A
4	SUB-15-00011-RAF-004-A	RAF	Lists of Permits and Licenses	Pre-Construction	October 14, 2015	November 13, 2015	October 19, 2015	5	E
5	SUB-15-00011-RAF-005-A	RAF	Temporary Project Sign	Pre-Construction	October 18, 2015	November 17, 2015	October 19, 2015	1	B
6	SUB-15-00011-RAF-006-A	RAF	Submittals Schedule	Pre-Construction	October 20, 2015	November 19, 2015			Retracted
7	SUB-15-00011-RAF-006-A	RAF	Submittals Schedule	Pre-Construction	December 02, 2015	January 01, 2016	December 16, 2015	14	B
8	SUB-15-00011-RAF-007-A	RAF	Preliminary Progress Schedule (60 Day Plan of Operation)	Pre-Construction	October 20, 2015	November 19, 2015	October 27, 2015	7	C
9	SUB-15-00011-RAF-007-B	RAF	Preliminary Progress Schedule (60 Day Plan of Operation)	Pre-Construction	October 29, 2015	November 28, 2015	November 03, 2015	5	B
10	SUB-15-00011-RAF-008-A	RAF	Field Office Computer Systems and Miscellaneous	Pre-Construction	October 20, 2015	November 19, 2015			Retracted
11	SUB-15-00011-RAF-008-A	RAF	Field Office Computer Systems and Miscellaneous	Pre-Construction	October 26, 2015	November 25, 2015	October 27, 2015	1	C
12	SUB-15-00011-RAF-008-B	RAF	Field Office Computer Systems and Miscellaneous	Pre-Construction	November 04, 2015	December 04, 2015	November 08, 2015	4	B
13	SUB-15-00011-RAF-009-A	RAF	Field Office Furniture	Pre-Construction	October 20, 2015	November 19, 2015	October 25, 2015	5	B
14	SUB-15-00011-RAF-010-A	RAF	3" Steel pipes-FIP Products	Mechanical-Material	October 21, 2015	November 20, 2015	October 27, 2015	6	B
15	SUB-15-00011-RAF-011-A	RAF	Bolts, Washers and Nuts	Mechanical-Material	October 21, 2015	November 20, 2015	October 27, 2015	6	C
16	SUB-15-00011-RAF-011-B	RAF	Bolts, Washers and Nuts	Mechanical-Material	October 29, 2015	November 28, 2015	November 08, 2015	10	B
17	SUB-15-00011-RAF-012-A	RAF	Steel Flanged (Hubbed Slip On-Type 12)	Mechanical-Material	October 21, 2015	November 20, 2015	October 27, 2015	6	C
18	SUB-15-00011-RAF-013-A	RAF	Combination Air Valves 1"&2"	Mechanical-Material	October 21, 2015	November 20, 2015	October 27, 2015	6	C
19	SUB-15-00011-RAF-013-B	RAF	Combination Air Valves 1"&2"	Mechanical-Material	October 29, 2015	November 28, 2015	November 08, 2015	10	B
20	SUB-15-00011-RAF-014-A	RAF	Flange Gasket AFM34	Mechanical-Material	October 21, 2015	November 20, 2015	October 27, 2015	6	A
21	SUB-15-00011-RAF-015-A	RAF	Dismantling Joint PN16 & 25	Mechanical-Material	October 21, 2015	November 20, 2015	October 27, 2015	6	B
22	SUB-15-00011-RAF-016-A	RAF	3" & 4" Gate Valve (GV-2)/PN16	Mechanical-Material	October 21, 2015	November 20, 2015	October 27, 2015	6	B
23	SUB-15-00011-RAF-017-A	RAF	Quality Control Plan	Pre-Construction	October 25, 2015	November 24, 2015	November 08, 2015	14	C



**USAID WEST BANK/GAZA**  
**LOCAL CONSTRUCTION PROGRAM (LCP)**  
**CONTRACT NO. AID-294-I-13-00002**  
**TASK ORDER NO. AID-294-TO-15-00011**  
**Ramallah -Rafat (Southern Entrance) Road**



TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
24	SUB-15-00011-RAF-017-B	RAF	Quality Control Plan	Pre-Construction	November 22, 2015	December 22, 2015			Retracted
25	SUB-15-00011-RAF-017-B	RAF	Quality Control Plan	Pre-Construction	December 06, 2015	January 05, 2016	December 13, 2015	7	B
26	SUB-15-00011-RAF-018-A	RAF	Storm Water Pipe -Palestinian Construction Product Co.Ltd (PCP).	Civil-Material Submittal	October 25, 2015	November 24, 2015	November 08, 2015	14	B
27	SUB-15-00011-RAF-019-A	RAF	Engineer's Field Office Location and Layout	Pre-Construction	October 26, 2015	November 25, 2015	October 27, 2015	1	B
28	SUB-15-00011-RAF-020-A	RAF	Developed Company Profile and Job Mix Design	Civil-Material	October 28, 2015	November 27, 2015	November 03, 2015	6	C
29	SUB-15-00011-RAF-020-B	RAF	<del>Developed Company Profile and Job Mix Design</del>	<del>Civil-Material</del>	November 29, 2015	December 29, 2015			Retracted
30	SUB-15-00011-RAF-020-B	RAF	Developed Company Profile and Job Mix Design	Civil-Material	December 20, 2015	January 19, 2016	December 21, 2015	1	E
31	SUB-15-00011-RAF-021-A	RAF	Shop drawings (Plan, Profile and Cross Sections) from Sta. 0+000 to Sta.0+450)	Shop drawing	November 02, 2015	December 02, 2015	November 11, 2015	9	C
32	SUB-15-00011-RAF-021-B	RAF	<del>Shop drawings (Plan, Profile and Cross Sections) from Sta. 0+000 to Sta.0+450)</del>	<del>Shop drawing</del>	November 16, 2015	December 16, 2015			Retracted
33	SUB-15-00011-RAF-021-B	RAF	Shop drawings (Plan, Profile and Cross Sections) from Sta. 0+000 to Sta.0+200	Shop drawing	November 26, 2015	December 26, 2015	November 29, 2015	3	C
34	SUB-15-00011-RAF-021-C	RAF	<del>Shop drawings (Plan, Profile and Cross Sections) from Sta. 0+000 to Sta.0+200</del>	<del>Shop drawing</del>	December 03, 2015	January 02, 2016			Retracted
35	SUB-15-00011-RAF-021-C	RAF	Shop drawings (Plan, Profile and Cross Sections) from Sta. 0+000 to Sta.0+200	Shop drawing	December 03, 2015	January 02, 2016	December 08, 2015	5	B
36	SUB-15-00011-RAF-021-D	RAF	Shop drawings (Plan, Profile and Cross Sections) from Sta. 0+031.95 to Sta.0+195.16/For construction	Shop drawing	December 10, 2015	January 09, 2016	December 13, 2015	3	A
37	SUB-15-00011-RAF-022-A	RAF	Shop drawings Frame and Cover Template	Pre-Construction	November 04, 2015	December 04, 2015	November 10, 2015	6	C
38	SUB-15-00011-RAF-022-B	RAF	Shop drawings Frame and Cover Template	Pre-Construction	November 16, 2015	December 16, 2015	November 19, 2015	3	A
39	SUB-15-00011-RAF-023-A	RAF	Original CPM Schedule	Pre-Construction	November 05, 2015	December 05, 2015	November 17, 2015	12	C
40	SUB-15-00011-RAF-023-B	RAF	Original CPM Schedule	Pre-Construction	December 09, 2015	January 08, 2016	December 14, 2015	5	B
41	SUB-15-00011-RAF-023-C	RAF	Original CPM Schedule	Pre-Construction	December 27, 2015	January 26, 2016			P
42	SUB-15-00011-RAF-024-A	RAF	Environmental Mitigation & Monitoring Plan	Pre-Construction	November 05, 2015	December 05, 2015	November 10, 2015	5	C
43	SUB-15-00011-RAF-024-B	RAF	<del>Environmental Mitigation &amp; Monitoring Plan</del>	<del>Pre-Construction</del>	November 12, 2015	December 12, 2015			Retracted
44	SUB-15-00011-RAF-024-B	RAF	Environmental Mitigation & Monitoring Plan	Pre-Construction	November 17, 2015	December 17, 2015	November 23, 2015	6	B
45	SUB-15-00011-RAF-025-A	RAF	Construction Risk Management Program (CRM)	Pre-Construction	November 08, 2015	December 08, 2015	November 11, 2015	3	C



**USAID WEST BANK/GAZA**  
**LOCAL CONSTRUCTION PROGRAM (LCP)**  
**CONTRACT NO. AID-294-I-13-00002**  
**TASK ORDER NO.AID-294-TO-15-00011**  
**Ramallah -Rafat (Southern Entrance) Road**



TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
46	SUB-15-00011-RAF-025-B	RAF	Construction Risk Management Program (CRM)	Pre-Construction	November 16, 2015	December 16, 2015	November 23, 2015	7	B
47	SUB-15-00011-RAF-026-A	RAF	Safety Plan	Pre-Construction	November 08, 2015	December 08, 2015	November 17, 2015	9	B
48	SUB-15-00011-RAF-027-A	RAF	Emar Laboratory Profile	Pre-Construction	November 10, 2015	December 10, 2015	November 12, 2015	2	B
49	SUB-15-00011-RAF-027-B	RAF	Emar Laboratory Profile	Pre-Construction	December 28, 2015	January 27, 2016			P
50	SUB-15-00011-RAF-028-A	RAF	Steel Reinforcement Supplier and Data Sheet	Civil-Material	November 11, 2015	December 11, 2015	November 23, 2015	12	C
51	SUB-15-00011-RAF-028-B	RAF	Steel Reinforcement Supplier and Data Sheet	Civil-Material	December 07, 2015	January 06, 2016	December 20, 2015	13	B
52	SUB-15-00011-RAF-029-A	RAF	Shop drawings (Plan,Profile and Cross Sections) for Segment B from Sta.B 0+000 to Sta.B0+113.74 & for Segment A from Sta.A0+000 to Sta.A 0+164)	Shop drawing	November 11, 2015	December 11, 2015	November 29, 2015	18	C
53	SUB-15-00011-RAF-029-B	RAF	Shop drawings (Plan,Profile and Cross Sections) for Segment B from Sta.B 0+000 to Sta.B0+113.74 & for Segment A from Sta.A0+000 to Sta.A 0+150)	Shop drawing	December 06, 2015	January 05, 2016	December 08, 2015	2	C
54	SUB-15-00011-RAF-029-C	RAF	Shop drawings (Plan,Profile and Cross Sections) for from Sta. 0+000 to Sta.B0+113.74 & for Segment A from Sta.A0+000 to Sta.A 0+164.7)	Shop drawing	December 13, 2015	January 12, 2016	December 21, 2015	8	B
55	SUB-15-00011-RAF-029-D	RAF	Shop drawings (Plan,Profile and Cross Sections) from Sta. 0+000 to Sta.B0+113.74 & for Segment A from Sta.A0+000 to Sta.A 0+164.7) / For Construction	Shop drawing	December 22, 2015	January 21, 2016	December 30, 2015	8	A
56	SUB-15-00011-RAF-030-A	RAF	General Construction Method Statement	Pre-Construction	November 11, 2015	December 11, 2015	November 24, 2015	13	C
57	SUB-15-00011-RAF-030-B	RAF	General Construction Method Statement	Pre-Construction	December 08, 2015	January 07, 2016	December 16, 2015	8	B
58	SUB-15-00011-RAF-031-A	RAF	Shop drawings for retaining walls from Sta.0+020 to Sta. 0+080 LHS	Shop drawing	November 12, 2015	December 12, 2015			Retracted
59	SUB-15-00011-RAF-031-A	RAF	Shop drawings for retaining walls from Sta.0+013 to Sta. 0+88.9 LHS	Shop drawing	November 22, 2015	December 22, 2015	November 29, 2015	7	C
60	SUB-15-00011-RAF-031-B	RAF	Shop drawings for retaining walls from Sta.0+000 to Sta. 0+050 LHS	Shop drawing	November 30, 2015	December 30, 2015	December 13, 2015	13	C
61	SUB-15-00011-RAF-031-C	RAF	Shop drawings for retaining walls from Sta.0+000 to Sta. 0+050 LHS	Shop drawing	December 16, 2015	January 15, 2016	December 29, 2015	13	B
62	SUB-15-00011-RAF-032-A	RAF	Shop drawings for Stone Wall fromSta.0+000 to Sta. 0+015 RHS	Construction	November 16, 2015	December 16, 2015	November 23, 2015	7	C
63	SUB-15-00011-RAF-032-B	RAF	Shop drawings for Stone Wall fromSta.0+000 to Sta. 0+023.5 RHS	Construction	November 26, 2015	December 26, 2015	November 29, 2015	3	B
64	SUB-15-00011-RAF-032-C	RAF	Shop drawings for Stone Wall fromSta.0+000 to Sta. 0+023.5 RHS / FOR CONSTRUCTION	Construction	November 30, 2015	December 30, 2015	December 02, 2015	2	B
65	SUB-15-00011-RAF-032-D	RAF	Shop drawings for Stone Wall fromSta.0+000 to Sta. 0+023.5 RHS / FOR CONSTRUCTION	Construction	December 06, 2015	January 05, 2016	December 07, 2015	1	A



**USAID WEST BANK/GAZA**  
**LOCAL CONSTRUCTION PROGRAM (LCP)**  
**CONTRACT NO. AID-294-I-13-00002**  
**TASK ORDER NO. AID-294-TO-15-00011**  
**Ramallah -Rafat (Southern Entrance) Road**



TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
66	SUB-15-00011-RAF-033-A	RAF	Dilapidation Survey from Sta.0+000 to Sta. 2+191	Pre-Construction	November 16, 2015	December 16, 2015	November 25, 2015	9	C
67	SUB-15-00011-RAF-033-B	RAF	Dilapidation Survey for main road from Sta.0+000 to Sta. 2+191 , Segment A & B	Pre-Construction	December 20, 2015	January 19, 2016	December 27, 2015	7	C
68	SUB-15-00011-RAF-034-A	RAF	Geotechnical & Material Testing Center (GMT) Profile	Pre-Construction	November 24, 2015	December 24, 2015	November 29, 2015	5	B
69	SUB-15-00011-RAF-035-A	RAF	Traffic Control Plan	Pre-Construction	November 25, 2015	December 25, 2015	December 02, 2015	7	A
70	SUB-15-00011-RAF-036-A	RAF	Fosroc Nitoseal PU40 – Sealant (Data Sheet) & Safety Data Sheet	Civil-Material	November 29, 2015	December 29, 2015	December 03, 2015	4	C
71	SUB-15-00011-RAF-036-B	RAF	Sealing material for concrete joints- Nitoseal PU40	Civil-Material	December 06, 2015	January 05, 2016	December 13, 2015	7	C
73	SUB-15-00011-RAF-037-A	RAF	Formwork Design For Retaining Walls	Civil-Material	November 29, 2015	December 29, 2015	November 30, 2015	1	B
74	SUB-15-00011-RAF-038-A	RAF	Nitoproof 30- External Coating Fosroc & Safety Data Sheet	Civil-Material	November 29, 2015	December 29, 2015	December 03, 2015	4	C
75	SUB-15-00011-RAF-038-B	RAF	Bitumen Protective Coating Material for Concrete Surfaces Nitoproof 30	Civil-Material	December 06, 2015	January 05, 2016	December 08, 2015	2	C
77	SUB-15-00011-RAF-039-A	RAF	Curb stone, edge beams and Interlocking Blocks /Al Sous Global Company For Construction Industries	Civil-Material	December 03, 2015	January 02, 2016	December 13, 2015	10	B
78	SUB-15-00011-RAF-040-A	RAF	Key Personal	Pre-Construction	December 06, 2015	January 05, 2016	December 08, 2015	2	E
79	SUB-15-00011-RAF-041-A	RAF	Base Course Loose Sample Testing Results-Kofer Aqab Stockpile (Report # ABG 15/0751)	Civil-Material	December 06, 2015	January 05, 2016	December 13, 2015	7	C
80	SUB-15-00011-RAF-041-B	RAF	Sub base material loose sample testing results - Rep No. AGB 15/0751-R-R / Source Kofer Aqab Stockpile	Civil-Material	December 21, 2015	January 20, 2016	December 27, 2015	6	C
81	SUB-15-00011-RAF-041-C	RAF	Base Course Loose Sample Testing Results-Al Reehan (Report # TB/15-299-R)	Civil-Material	December 27, 2015	January 26, 2016	December 29, 2015	2	B
82	SUB-15-00011-RAF-042A	RAF	Shop drawing of storm water manholes	Shop drawing	December 8, 2015	January 7, 2016			Retracted
83	SUB-15-00011-RAF-042A	RAF	Precast stormwater manholes / ADDASI COMPANY	Civil-Material	December 13, 2015	January 12, 2016	December 29, 2015	16	C
84	SUB-15-00011-RAF-043A	RAF	Security plan	Pre-Construction	December 08, 2015	January 07, 2016	December 13, 2015	5	A
85	SUB-15-00011-RAF-044A	RAF	Building Center Laboratory profile / Alternative	Construction	December 09, 2015	January 08, 2016	December 16, 2015	7	B
86	SUB-15-00011-RAF-045A	RAF	Al Tariqi contracting and reconstruction company profile and 3/4" waering asphalt mix design	Construction	December 09, 2015	January 08, 2016	December 20, 2015	11	B
87	SUB-15-00011-RAF-046A	RAF	Al Nabali & Al Sheikh co. profile and Job mix design / Alternative ready mix concrete source	Civil-Material	December 10, 2015	January 09, 2016	December 16, 2015	6	B
88	SUB-15-00011-RAF-047A	RAF	Public Relation Plan (PRP)	Pre-Construction	December 13, 2015	January 12, 2016	December 13, 2015	0	B



**USAID WEST BANK/GAZA**  
**LOCAL CONSTRUCTION PROGRAM (LCP)**  
**CONTRACT NO. AID-294-I-13-00002**  
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**Ramallah -Rafat (Southern Entrance) Road**



TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
89	SUB-15-00011-RAF-048A	RAF	Coordination With Local Authorities Plan	Pre-Construction	December 13, 2015	January 12, 2016	December 14, 2015	1	B
90	SUB-15-00011-RAF-049A	RAF	Granular fill-Single size coarse aggregate No.67 (19.0-4.75mm) /Qandeel Crusher	Civil-Material	December 13, 2015	January 12, 2016	December 14, 2015	1	A
91	SUB-15-00011-RAF-050A	RAF	Survey Plan for main Road , Segment A and Segment B	Shop drawing	December 13, 2015	January 12, 2016	December 27, 2015	14	B
92	SUB-15-00011-RAF-051A	RAF	Unplasticized Polyvinyl Chloride (UPVC) 10" Pipes/Royal industrial trading company	Civil-Material	December 14, 2015	January 13, 2016	December 20, 2015	6	A
93	SUB-15-00011-RAF-052A	RAF	Shop Drawings Plan , Profile & Cross Sections for Main Road from Sta. 0+280 to Sta. 0+900	Shop drawing	December 14, 2015	January 13, 2016			P
94	SUB-15-00011-RAF-053A	RAF	Storage Yard	Pre-Construction	December 16, 2015	January 15, 2016	December 27, 2015	11	A
95	SUB-15-00011-RAF-054A	RAF	Dumping area	Pre-Construction	December 20, 2015	January 19, 2016	December 21, 2015	1	C
96	SUB-15-00011-RAF-054B	RAF	Dumping area	Pre-Construction	December 30, 2015	January 29, 2016	December 30, 2015	0	A
97	SUB-15-00011-RAF-055A	RAF	Cobra –spiral pipe	Electrical-Material	December 20, 2015	January 19, 2016			Retracted
98	SUB-15-00011-RAF-055A	RAF	Cobra –spiral pipe 3" for Lighting pole power cable	Electrical-Material	December 21, 2015	January 20, 2016			P
99	SUB-15-00011-RAF-056A	RAF	Grounding system	Electrical-Material	December 20, 2015	January 19, 2016			P
100	SUB-15-00011-RAF-057A	RAF	Lighting fixture	Electrical-Material	December 20, 2015	January 19, 2016			P
101	SUB-15-00011-RAF-058A	RAF	Lighting pole	Electrical-Material	December 20, 2015	January 19, 2016			P
102	SUB-15-00011-RAF-059A	RAF	Power cable	Electrical-Material	December 20, 2015	January 19, 2016			P
103	SUB-15-00011-RAF-060A	RAF	Electrical cable warning tap	Electrical-Material	December 21, 2015	January 20, 2016			P
104	SUB-15-00011-RAF-061A	RAF	Shop Drawing (Plan , Profile & Cross Sections) for Main Road From Sta.1+050 to Sta.1+350	Shop drawing	December 21, 2015	January 20, 2016			P
105	SUB-15-00011-RAF-062A	RAF	1 inch Binder Asphalt Mix Design - Tarifi contracting and construction co.	Civil-Material	December 22, 2015	January 21, 2016	December 27, 2015	5	B
106	SUB-15-00011-RAF-063A	RAF	Shop Drawing (Plan , Profile & Cross Sections) for storm water	Shop drawing	December 27, 2015	January 26, 2016			P
107	SUB-15-00011-RAF-064A	RAF	Sub base material loose sample testing results - Rep No. AGB 15/0751-R-R / Source Kofer Aqab Stockpile	Shop drawing	December 27, 2015	January 26, 2016	December 29, 2015	2	B
108	SUB-15-00011-RAF-065A	RAF	Prim Coat ( Bitumul M-10) / Leading Waterproofing Technologies	Civil-Material	December 28, 2015	January 27, 2016			P
109	SUB-15-00011-RAF-066A	RAF	Traffic Control Plan from Sta.0+400 to Sta.1+620	Pre-Construction	December 29, 2015	January 28, 2016			P
110	SUB-15-00011-RAF-067A	RAF	Tarifi ready mix concrete company / Alternative ready mix concrete source	Civil-Material	December 29, 2015	January 28, 2016			P
111	SUB-15-00011-RAF-068A	RAF	Heavy equipment's license and insurance	Pre-Construction	December 30, 2015	January 29, 2016			P



USAID WEST BANK/GAZA  
 LOCAL CONSTRUCTION PROGRAM (LCP)  
 CONTRACT NO. AID-294-I-13-00002  
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 Ramallah -Rafat (Southern Entrance) Road



TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
112	SUB-15-00011-RAF-069A	RAF	Dumping Area /Alternative locations	Pre-Construction	December 30, 2015	January 29, 2016			P



# Annex E:

## RFI's Log for the Reporting Period



USAID WEST BANK/GAZA

CONTRACT NO. AID-294-I-13-00002  
 TASK ORDER NO. AID-294-TO-15-00011  
 Ramallah -Rafat (Southern Entrance) Road



REQUEST FOR INFORMATION LOG							
No.	RFI No.	Project	Description	Submitted Date	Contract Due Date	Response Date	Review Days
1	RFI-15-00011-RAF-C-E-001-A	RAF	Relocation of Existing Electrical Utilities by JDECO	December 29, 2015	January 28, 2016	P	



# Annex F:

## Payments Log



USAID WEST BANK/GAZA  
 LOCAL CONSTRUCTION PROGRAM (LCP)  
 CONTRACT NO. AID-294-I-13-00002  
 TASK ORDER NO. AID-294-TO-15-00011  
 Ramallah -Rafat (Southern Entrance) Road



PROGRESS PAYMENTS LOG										
No.	Payment No.	TO No.	Invoiced Amount	Cumulative Amount	Task Order Amount	Remaining Amount	Date Received by B&V	Date Sent to USAID	Review Period (Work Days)	COR
1	PAY-15-00011-RAF-001	15-00011	\$ 102,741.37	\$ 102,741.37	\$ 2,846,960.91	\$ 2,744,219.54	December 29, 2016	December 30, 2016	1	Rami Abu Ktaish



# Annex G:

## Transmittal Log



USAID WEST BANK/GAZA

CONTRACT NO. AID-294-I-13-00002  
 TASK ORDER NO.AID-294-TO-15-00011  
 Ramallah -Rafat (Southern Entrance) Road



CONTRACTOR LETTERS LOG						
No.	Letter No.	Project	Description	Submitted Date	Organization	Organization
<b>LETTERS FROM CONTRACTOR TO LOCAL AUTHORITY</b>						
1	LTR.15.011.SAK-LOCAL.001	RAF	As built drawings from PALTEL for Ramallah-Rafat Road Project	October 13, 2015	SAK	PALTEL
2	LTR.15.011.SAK-LOCAL.002	RAF	As built drawings from JWUL for Ramallah-Rafat Road Project	October 13, 2015	SAK	JWU
3	LTR.15.011.SAK-LOCAL.003	RAF	As built drawings from Ramallah Municipality for Ramallah-Rafat Road Project	October 14, 2015	SAK	Ramallah Municipality
4	LTR.15.011.SAK-LOCAL.004	RAF	As built drawings from Jerusalem District Electrical Company Ramallah-Rafat Road Project	October 14, 2015	SAK	Jerusalem District Electrical Company
5	LTR.15.011.SAK-LOCAL.005	RAF	As built drawings from Rafat Council for Ramallah-Rafat Road Project	October 14, 2015	SAK	Rafat Council
6	LTR.15.011.SAK-LOCAL.006	RAF	Fiber line route from Mada Company for Ramallah-Rafat Road Project	October 17, 2015	SAK	Mada Company
7	LTR.15.011.SAK-LOCAL.007	RAF	As built drawings from MOPWH for Ramallah Rafat Project	October 18, 2015	SAK	MOPWH
8	LTR.15.011.SAK-LOCAL.008	RAF	As built drawings from Ramallah Governorate for Ramallah Rafat Project	October 18, 2015	SAK	Ramallah Governorate
9	LTR.15.011.SAK-LOCAL.009	RAF	Fiber line route-Al Wataneyya Company	October 18, 2015	SAK	Al Wataneyya Company
10	LTR.15.011.SAK-LOCAL.010	RAF	Getting approval for Traffic Plan from Police	November 24, 2015	SAK	Police
11	LTR.15.011.SAK-LOCAL.011	RAF	Getting approval for Traffic Plan from Rafat Council	November 24, 2015	SAK	Rafat Council
12	LTR.15.011.SAK-LOCAL.012	RAF	Telephone Poles Located in Retaining wall excavation location	December 1, 2015	SAK	PALTEL
13	LTR.15.011.SAK-LOCAL.013	RAF	Start works on stone wall from Sta.0+000 to Sta.0+015 RHS	December 22, 2015	SAK	Rafat Council
14	LTR.15.011.SAK-LOCAL.014	RAF	Fence from Sta.0+850 to Sta.1+180 RHS	December 29, 2015	SAK	Rafat Council
<b>LETTERS FROM CONTRACTOR TO ENGINEERS</b>						
<b>LETTERS FROM CONTRACTOR TO USAID</b>						
1	LTR.15.011.SAK-USAID.001	RAF	Ramallah-Rafat (Southern Entrance) Road -Insurances and bank Guarantee	October 9, 2015	SAK	USAID



USAID WEST BANK/GAZA

CONTRACT NO. AID-294-I-13-00002  
 TASK ORDER NO. AID-294-TO-15-00011  
 Ramallah -Rafat (Southern Entrance) Road



LETTERS FROM LOCAL AUTHORITIES						
No.	Letter No.	Project	Description	Submitted Date	From	To
<b>LOCAL AUTHORITY LETTERS</b>						
1	LTR.15.011.LOCAL.001	RAF	Working on Rafat road	December 16, 2015	JDECO	SAK
2	LTR.15.011.LOCAL.002	RAF	Proposed road of Ramallah-Rafat	December 27, 2015	Rafat Council	SAK
3	LTR.15.011.LOCAL.003	RAF	Changing proposed stone wall to concrete wall	December 27, 2015	Rafat Council	SAK
4	LTR.15.011.LOCAL.004	RAF	Removing of Al Zagroun wall	December 30, 2015	Rafat Council	SAK



# Annex H:

## Geo-MIS Data



USAID WEST BANK/ GAZA - LOCAL CONSTRUCTION PROGRAM

CONTRACT NO. :AID-294-I-00-13-00002

TASK ORDER NO.: AID-294-TO-15-00011

TASK ORDER SHORT NAME :RAF

Temporay Job Days Summary Report



Task Order Name:  
Ramallah-Rafat (Southern Entrance Road)

PERIOD FROM: October 09, 2015

CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

PERIOD TO: December 31, 2015

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation By Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Female	Male	
October	2015	57	38	0	0	0	95	4	38	57	
November	2015	75	49	13	5	15	157	7	47	110	
December	2015	79	81	117	83	73	433	18	53	380	
January	2016										
February	2016										
March	2016										
April	2016										
May	2016										
June	2016										
July	2016										
August	2016										
September	2016										
<b>Total of FY 2016</b>		<b>211</b>	<b>169</b>	<b>130</b>	<b>88</b>	<b>88</b>	<b>685</b>	<b>29</b>	<b>138</b>	<b>547</b>	
October	2017										
November	2017										
December	2017										
January	2017										
February	2017										
March	2017										
April	2017										
May	2017										
June	2017										
July	2017										
August	2017										
September	2017										
<b>Total of FY 2017</b>											

Note :

\* No of Full Time Equivalent (FTE) Jobs in the Month = Total Job Days / Avg. Days in the Month(23.8)

\*\* This data collection sheet is for Palestinian staff only , experts and foreign employee shall not be included.



**USAID WEST BANK/ GAZA**  
**LOCAL CONSTRUCTION PROGRAM**  
**CONTRACT NO. :AID-294-I-00-13-00002**  
**TASK ORDER NO.: AID-294-TO-15-00011**  
**TASK ORDER SHORT NAME: RAF**  
**Temporay Job Days Report**



Task Order Name:  
Ramallah-Rafat (Southern Entrance) Road

PERIOD FROM: October 09, 2015

PERIOD TO: October 31, 2015

CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

DATE	Site Staff Job Days **																				
	Worker/Classification (Hours)													Man-days*					Gender		
	Management			Engineers			Skilled labor				Unskilled labor		Other		Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female
	Task Order Manager	Quality Control Manager(F)	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	Surveyor	Foreman	Skilled Labor	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Security Guard							
October 9, 2015															0	0	0	0	0	0	0
October 10, 2015	8	8	8		8	8									3	2	0	0	0	4	1
October 11, 2015	8	8	8		8	8									3	2	0	0	0	4	1
October 12, 2015	8	8	8		8	8									3	2	0	0	0	4	1
October 13, 2015	8	8	8		8	8									3	2	0	0	0	4	1
October 14, 2015	8	8	8		8	8									3	2	0	0	0	4	1
October 15, 2015	8	8	8		8	8									3	2	0	0	0	4	1
October 16, 2015															0	0	0	0	0	0	0
October 17, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 18, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 19, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 20, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 21, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 22, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 23, 2015															0	0	0	0	0	0	0
October 24, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 25, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 26, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 27, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 28, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 29, 2015	8	8	8		8	8									3	2	0	0	0	3	2
October 30, 2015															0	0	0	0	0	0	0
October 31, 2015	8	8	8		8	8									3	2	0	0	0	3	2
<b>Total of Month</b>	<b>152</b>	<b>152</b>	<b>152</b>	<b>0</b>	<b>152</b>	<b>152</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>57</b>	<b>38</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>57</b>	<b>38</b>

\* Total Man-days = Total Hours / 8

\*\* This data collection sheet is for Local (CCN) staff only , expatriate and third country national employee shall not be included.



USAID WEST BANK/ GAZA  
 LOCAL CONSTRUCTION PROGRAM  
 CONTRACT NO. :AID-294-I-00-13-00002  
 TASK ORDER NO.: AID-294-TO-15-00011  
 TASK ORDER SHORT NAME: RAF  
 Temporary Job Days Report



Task Order Name:  
 Ramallah-Rafat (Southern Entrance) Road

PERIOD FROM: November 01, 2015

PERIOD TO: November 30, 2015

CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

DATE	Site Staff Job Days **																				
	Worker/Classification (Hours)													Man-days*					Gender		
	Management			Engineers			Skilled labor			Unskilled labor		Other		Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager (F)	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	Surveyor	Foreman	Skilled Labor	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy								Security Guard
November 1, 2015	8	8	8		8	8									3	2	0	0	0	3	2
November 2, 2015	8	8	8		8	8									3	2	0	0	0	3	2
November 3, 2015	8	8	8		8	8									3	2	0	0	0	3	2
November 4, 2015	8	8	8	8	8	8									3	3	0	0	0	4	2
November 5, 2015	8	8	8		8	8									3	2	0	0	0	3	2
November 6, 2015															0	0	0	0	0	0	0
November 7, 2015	8	8	8		8	8									3	2	0	0	0	3	2
November 8, 2015	8	8	8		8	8									3	2	0	0	0	3	2
November 9, 2015	8	8	8		8	8									3	2	0	0	0	3	2
November 10, 2015	8	8	8		8	8									3	2	0	0	0	3	2
November 11, 2015	8	8	8		8	8									3	2	0	0	0	3	2
November 12, 2015	8	8	8	8	8	8									3	3	0	0	0	4	2
November 13, 2015															0	0	0	0	0	0	0
November 14, 2015	8	8	8	8	8	8							8		3	3	0	0	1	5	2
November 15, 2015	8	8	8	8	8	8							8		3	3	0	0	1	5	2
November 16, 2015	8	8	8	8	8	8							8		3	3	0	0	1	5	2
November 17, 2015	8	8	8	8	8	8							8		3	3	0	0	1	5	2
November 18, 2015	8	8	8	8	8	8		24				32	8		3	3	3	4	1	12	2
November 19, 2015	8	8	8	8	8	8							8		3	3	0	0	1	5	2
November 20, 2015								8		2		8			0	0	1	1	0	2	0
November 21, 2015	8	8	8	8	8	8		8		2			8		3	3	1	0	1	6	2
November 22, 2015		8	8										8		2	0	0	0	1	2	1
November 23, 2015	8	8	8										8		3	0	0	0	1	3	1
November 24, 2015		8	8										8		2	0	0	0	1	2	1
November 25, 2015		8	8							8			8		2	0	1	0	1	3	1
November 26, 2015	5	8	8										8		3	0	0	0	1	3	1
November 27, 2015															0	0	0	0	0	0	0
November 28, 2015	8	8	8		8	3		16					8		3	1	2	0	1	5	2
November 29, 2015	8	8	8		8			16					8		3	1	2	0	1	5	2
November 30, 2015	8	8	8		8	8		16	4				8		3	2	3	0	1	7	2
<b>Total of Month</b>	<b>181</b>	<b>208</b>	<b>208</b>	<b>72</b>	<b>168</b>	<b>155</b>	<b>0</b>	<b>88</b>	<b>4</b>	<b>12</b>	<b>0</b>	<b>40</b>	<b>120</b>	<b>0</b>	<b>75</b>	<b>49</b>	<b>13</b>	<b>5</b>	<b>15</b>	<b>110</b>	<b>47</b>

\* Total Man-days = Total Hours / 8

\*\* This data collection sheet is for Local (CCN) staff only, expatriate and third country national employee shall not be included.

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USAID WEST BANK/ GAZA  
 LOCAL CONSTRUCTION PROGRAM  
 CONTRACT NO. :AID-294-I-00-13-00002  
 TASK ORDER NO.: AID-294-TO-15-00011  
 TASK ORDER SHORT NAME: RAF  
 Temporary Job Days Report



Task Order Name:  
 Ramallah-Rafat (Southern Entrance) Road

PERIOD FROM: December 01, 2015

PERIOD TO: December 31, 2015

CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

DATE	Site Staff Job Days **																					
	Worker/Classification (Hours)															Man-days*					Gender	
	Management			Engineers			Skilled labor			Unskilled labor		Other			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager (F)	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	Surveyor	Foreman	Skilled Labor	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Security Guard								Storage Yard Guard
December 1, 2015	0	8	8	0	8	2		16	6			8			2	1	3	0	1	5	2	
December 2, 2015	8	8	8	0	8	0		16	10			8			3	1	3	0	1	6	2	
December 3, 2015	8	0	8	8	8	0		16	3			8			2	2	2	0	1	6	1	
December 4, 2015															0	0	0	0	0	0	0	
December 5, 2015	8	8	8	8	8	8		16	24			8			3	3	5	0	1	10	2	
December 6, 2015	8	8	8	8	8	8			24		16	16	8	8	8	3	3	3	4	3	14	2
December 7, 2015	8	8	8	8	8	0		16	24		16		8	8	8	3	2	5	2	3	13	2
December 8, 2015	8	8	8	8	8	8		8	22		16		8	8	8	3	3	4	2	3	13	2
December 9, 2015	8	8	8	8	8	8			16		16	8	8	8	8	3	3	2	3	3	12	2
December 10, 2015	8	8	8	8	8	8		8	15		16		8	8	8	3	3	3	2	3	12	2
December 11, 2015															0	0	0	0	0	0	0	0
December 12, 2015	8	8	8	8	8	8		8	4		16		8	8	8	3	3	2	2	3	11	2
December 13, 2015	8	8	8	8	8	8			2		4		8	8	8	3	3	0	1	3	8	2
December 14, 2015	8	8	8	8	8	8		16	12		16	24	8	8	8	3	3	4	5	3	16	2
December 15, 2015	8	8	8	8	8	8		16	16		16	8	8	8	8	3	3	4	3	3	14	2
December 16, 2015	8	8	8	8	8	8		8	17		16	16	8	8	8	3	3	3	4	3	14	2
December 17, 2015	8	8	8	8	8	8			16		16	16	8	8	8	3	3	2	4	3	13	2
December 18, 2015															0	0	0	0	0	0	0	0
December 19, 2015	8	8	8	8	8	8		8	7		16	8	8	8	8	3	3	2	3	3	12	2
December 20, 2015	8	8	8	8	8	8		11	20		16	24	8	8	8	3	3	4	5	3	16	2
December 21, 2015	8	8	8	8	8	8		8	36		16	32	8	8	8	3	3	6	6	3	19	2
December 22, 2015	8	8	8	8	8	8		32	51		16	24	8	8	8	3	3	10	5	3	22	2
December 23, 2015	8	8	8	8	8	8		32	16		16	16	8	8	8	3	3	6	4	3	17	2
December 24, 2015	8	8	8	8	8	8		32	24		16	16	8	8	8	3	3	7	4	3	18	2
December 25, 2015															0	0	0	0	0	0	0	0
December 26, 2015	8	8	8	8	8	8		16	25		8	16	8	8	8	3	3	5	3	3	15	2
December 27, 2015	8	8	8	8	8	20		16	40		16	16	8	8	8	3	5	7	4	3	20	2
December 28, 2015	8	8	8	8	8	20		16	44		32	16	8	8	8	3	5	8	6	3	22	2
December 29, 2015	8	8	8	8	8	16		16	68		32	16	8	8	8	3	4	11	6	3	25	2
December 30, 2015	8	8	8	8	8	16		16	40		16	16	8	8	8	3	4	7	4	3	19	2
December 31, 2015	8	8	8	8	8	16		8				8	8	8	8	3	4	1	1	3	10	2
<b>Total of Month</b>	<b>208</b>	<b>208</b>	<b>216</b>	<b>200</b>	<b>216</b>	<b>234</b>	<b>0</b>	<b>355</b>	<b>582</b>	<b>0</b>	<b>364</b>	<b>296</b>	<b>216</b>	<b>184</b>	<b>184</b>	<b>79</b>	<b>81</b>	<b>117</b>	<b>83</b>	<b>73</b>	<b>380</b>	<b>53</b>

\* Total Man-days = Total Hours / 8

\*\* This data collection sheet is for Local (CCN) staff only , expatriate and third country national employee shall not be included.

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# Annex I:

## Risk Register

None encountered to date



# Annex J:

## Project Updated Schedule

**TO-15-11-RAF - Draft Updated Baseline -Ramallah - Rafat (Southern Entrance) Road**



02-Jan-16 21:55  
01-Jan-16

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016											
						N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O
<b>TO-15-11-RAF - Draft Updated Baseline -Ramallah - Rafat (Southern Entrance) Road</b>																		17-May-16, TO-15-11-RAF -											
<b>Milestones</b>																		17-May-16, Milestones											
<b>General Milestones</b>																		17-May-16, General Mileston											
A-1	Notice to Proceed (NTP)	0d	09-Oct-15 A															◆ Notice to Proceed (NTP)											
A-2	Project Completion	0d		17-May-16*	-21d													◆ Project Completion											
A-20	Project Duration	200d	09-Oct-15 A	17-May-16	-21d													◆ Project Duration											
<b>Intermediate Milestones</b>																		15-May-16, Intermediate Mile											
IA-01	Start of Mobilization	0d	10-Oct-15 A															◆ Start of Mobilization											
IA-02	Finish of Mobilization	0d		13-Dec-15														◆ Finish of Mobilization											
IA-03	Start of Pre-Construction Submittals	0d	10-Oct-15 A															◆ Start of Pre-Construction Subm...											
IA-04	Finish of Pre-Construction Submittals	0d		14-Feb-16	71d													◆ Finish of Pre-Construction Sub...											
IA-05	Start of Construction Submittals	0d	12-Oct-15 A															◆ Start of Construction Submitta...											
IA-06	Finish of Construction Submittals	0d		14-Mar-16	43d													◆ Finish of Construction Submitt...											
IA-07	Start of Construction of Milling Area from Station 1+680 to Station 2+191	0d	14-Mar-16		24d													◆ Start of Construction of Mill...											
IA-08	Finish of Construction of Milling Area from Station 1+680 to Station 2+191	0d		28-Mar-16	27d													◆ Finish of Construction of Mill...											
IA-09	Start of Construction Area from Station 0+000 to Station 1+680	0d	01-Dec-15															◆ Start of Construction Area fro...											
IA-10	Finish of Construction Area from Station 0+000 to Station 1+680	0d		15-May-16	-21d													◆ Finish of Construction Area f											
<b>PreConstruction Phase</b>																		14-Feb-16, PreConstruction Pha...											
<b>Mobilization</b>																		13-Dec-15 A, Mobilization											
MOB0000	Receive Conformed Documents	1d	12-Oct-15 A	12-Oct-15 A														Receive Conformed Documents											
MOB1000	Pre-Construction Dilapidation Survey	2d	19-Oct-15 A	16-Nov-15														■ Pre-Construction Dilapidation ...											
MOB1010	Provide, furnish and erect Temporary Project Signs	1d	04-Nov-15	04-Nov-15														Provide, furnish and erect Tem...											
MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	3d	01-Nov-15	29-Nov-15														■ Supply and furnish Field Offic...											
MOB1030	Supply and install Field Office Computer Systems and IT Equipments	4d	03-Nov-15	30-Nov-15														■ Supply and install Field Offic...											
MOB1040	Arrange for and erect Contractor's work and Storage Yards	15d	10-Oct-15 A	30-Nov-15														■ Arrange for and erect Contract...											
MOB1060	Post OSHA-required notices and establish safety programs	4d	19-Nov-15	26-Nov-15														■ Post OSHA-required notices and...											
MOB1070	Installation of Temporary Facilities as per section 01500	2d	16-Nov-15	30-Nov-15														■ Installation of Temporary Faci...											
MOB1080	Survey Work	7d	11-Oct-15 A	20-Oct-15 A														■ Survey Work											
MOB1090	Mobilization Summary	25d	10-Oct-15 A	13-Dec-15														Mobilization Summary											
<b>PreConstruction Submittals</b>																		02-Feb-16, PreConstruction Sub...											
PC-SUB-010	Preparation & Submit Copy of Bank Guarantee Certificates (for record)	3d	10-Oct-15 A	14-Oct-15 A														Preparation & Submit Copy of B...											
PC-SUB-020	Review & Approval of Bank Guarantee Certificates (for record)	21d	14-Oct-15 A	03-Nov-15														■ Review & Approval of Bank Guar...											
PC-SUB-030	Preparation & Submit Scheduling Qualification Submittal	3d	10-Oct-15 A	14-Oct-15 A														Preparation & Submit Scheduling...											
PC-SUB-040	Review & Approval of Scheduling Qualification Submittal	21d	14-Oct-15 A	19-Oct-15 A														■ Review & Approval of Scheduling...											
PC-SUB-050	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	4d	13-Oct-15 A	20-Oct-15 A														■ Preparation & Submit Prelimina...											
PC-SUB-060	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21d	20-Oct-15 A	03-Nov-15														■ Review & Approval of Prelimina...											
PC-SUB-070	Preparation & Submit Submittals Schedule	10d	10-Oct-15 A	02-Dec-15														■ Preparation & Submit Submittal...											
PC-SUB-080	Review & Approval of Submittals Schedule	21d	02-Dec-15	16-Dec-15														■ Review & Approval of Submittal...											
PC-SUB-090	Preparation & Submit Key Staff	10d	19-Oct-15 A	06-Dec-15														■ Preparation & Submit Key Staff											
PC-SUB-100	Review & Approval of Key Staff	21d	06-Dec-15	08-Dec-15														Review & Approval of Key Staff											
PC-SUB-110	Preparation & Submit Project Temporary Signs	1d	10-Oct-15 A	18-Oct-15 A														■ Preparation & Submit Project T...											
PC-SUB-120	Review & Approval of Project Temporary Signs	18d	18-Oct-15 A	19-Oct-15 A														Review & Approval of Project T...											
PC-SUB-130	Preparation & Submit Engineer's Field Office Location and Layout	3d	10-Oct-15 A	26-Oct-15 A														■ Preparation & Submit Engineer'...											
PC-SUB-140	Review & Approval of Engineer's Field Office Location and Layout	16d	26-Oct-15 A	27-Oct-15 A														Review & Approval of Engineer'...											
PC-SUB-150	Preparation & Submit Field Office Furniture and Equipment Plan	3d	11-Oct-15 A	20-Oct-15 A														■ Preparation & Submit Field Off...											
PC-SUB-160	Review & Approval of Field Office Furniture and Equipment Plan	12d	20-Oct-15 A	25-Oct-15 A														■ Review & Approval of Field Off...											
PC-SUB-170	Preparation & Submit Field Office Computer Systems and Miscellaneous	2d	10-Oct-15 A	26-Oct-15 A														■ Preparation & Submit Field Off...											
PC-SUB-180	Review & Approval of Field Office Computer Systems and Miscellaneous	16d	26-Oct-15 A	08-Nov-15														■ Review & Approval of Field Off...											

■ Actual Work   
 ■ Critical Remaining Work   
 ▬ Summary  
■ Remaining Work   
 ◆ Milestone









**TO-15-11-RAF - Draft Updated Baseline -Ramallah - Rafat  
(Southern Entrance) Road**



02-Jan-16 21:55  
01-Jan-16

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016											
						N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O
<b>Phase II - Road Segment from Station A0+000 to Station 0+480</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 29-Feb-16, Phase II - Road Seg...</span> <span>▼ 29-Feb-16, Phase II - Road Seg...</span> </div>																							
<b>Traffic Control Plan and Safety Measures</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 29-Feb-16, Traffic Control Pla...</span> <span>▼ 29-Feb-16, Traffic Control Pla...</span> </div>																							
E-PH-II-1040	Implementation of Traffic Control Plan - Phase II	1d	02-Jan-16	02-Jan-16	-2d	<div style="display: flex; justify-content: space-between;"> <span>▼ 29-Feb-16, Traffic Control Pla...</span> <span>▼ 29-Feb-16, Traffic Control Pla...</span> </div>																							
E-PH-II-1050	Maintain of Traffic Control Plan and Safety - Phase II	41d	05-Jan-16	29-Feb-16	40d	<div style="display: flex; justify-content: space-between;"> <span>▼ 29-Feb-16, Traffic Control Pla...</span> <span>▼ 29-Feb-16, Traffic Control Pla...</span> </div>																							
<b>Phase II - Road Segment from Station A0+000 to Station 0+480 - LHS</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> </div>																							
<b>Road Work from Station A0+000 to Station 0+480 - LHS</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> </div>																							
E-PH-II-L-1000	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 LHS	4d	12-Jan-16	16-Jan-16	-5d	<div style="display: flex; justify-content: space-between;"> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> </div>																							
E-PH-II-L-1010	Replacement of Existing Soil from Station A0+000 to Station 0+340 LHS	14d	14-Jan-16	30-Jan-16	-4d	<div style="display: flex; justify-content: space-between;"> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> </div>																							
E-PH-II-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 LHS	10d	20-Jan-16	31-Jan-16	1d	<div style="display: flex; justify-content: space-between;"> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> </div>																							
E-PH-II-L-1030	Base course layers for Road Segment from Station A0+000 to Station 0+480 LHS	5d	28-Jan-16	02-Feb-16	4d	<div style="display: flex; justify-content: space-between;"> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> </div>																							
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	9d	26-Jan-16	04-Feb-16	56d	<div style="display: flex; justify-content: space-between;"> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> <span>▼ 04-Feb-16, Phase II - Road Seg...</span> </div>																							
<b>Phase II - Road Segment from Station A0+000 to Station 0+480 - RHS</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 28-Feb-16, Phase II - Road Seg...</span> <span>▼ 28-Feb-16, Phase II - Road Seg...</span> </div>																							
<b>New and Existing Utilities</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 25-Feb-16, New and Existing Ut...</span> <span>▼ 25-Feb-16, New and Existing Ut...</span> </div>																							
E-PH-II-R-1000	Relocation of underground Medium Voltage Cables by JEDCO - RHS	5d	02-Jan-16	12-Jan-16	-4d	<div style="display: flex; justify-content: space-between;"> <span>▼ 25-Feb-16, New and Existing Ut...</span> <span>▼ 25-Feb-16, New and Existing Ut...</span> </div>																							
E-PH-II-R-1010	Installation of Storm water Drainage Pipes from station A 0+083 to Station 0+469 - RHS	8d	15-Feb-16	25-Feb-16	-12d	<div style="display: flex; justify-content: space-between;"> <span>▼ 25-Feb-16, New and Existing Ut...</span> <span>▼ 25-Feb-16, New and Existing Ut...</span> </div>																							
<b>Retaining Wall from Station 0+420 to Station 0+461 - RHS</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 09-Feb-16, Retaining Wall from...</span> <span>▼ 09-Feb-16, Retaining Wall from...</span> </div>																							
E-PH-II-R-1045	Structural Excavation for Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS	2d	19-Jan-16	21-Jan-16	0d	<div style="display: flex; justify-content: space-between;"> <span>▼ 09-Feb-16, Retaining Wall from...</span> <span>▼ 09-Feb-16, Retaining Wall from...</span> </div>																							
E-PH-II-R-1050	Construction of Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS (including Backfilling)	14d	21-Jan-16	09-Feb-16	0d	<div style="display: flex; justify-content: space-between;"> <span>▼ 09-Feb-16, Retaining Wall from...</span> <span>▼ 09-Feb-16, Retaining Wall from...</span> </div>																							
<b>Road Work from Station A0+000 to Station 0+480 - RHS</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 28-Feb-16, Road Work from Stat...</span> <span>▼ 28-Feb-16, Road Work from Stat...</span> </div>																							
E-PH-II-R-1020	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 RHS	4d	14-Jan-16	18-Jan-16	-5d	<div style="display: flex; justify-content: space-between;"> <span>▼ 28-Feb-16, Road Work from Stat...</span> <span>▼ 28-Feb-16, Road Work from Stat...</span> </div>																							
E-PH-II-R-1025	Replacement of Existing Soil from Station A0+000 to Station 0+340 RHS	14d	18-Jan-16	02-Feb-16	-5d	<div style="display: flex; justify-content: space-between;"> <span>▼ 28-Feb-16, Road Work from Stat...</span> <span>▼ 28-Feb-16, Road Work from Stat...</span> </div>																							
E-PH-II-R-1030	Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 RHS	10d	30-Jan-16	11-Feb-16	-5d	<div style="display: flex; justify-content: space-between;"> <span>▼ 28-Feb-16, Road Work from Stat...</span> <span>▼ 28-Feb-16, Road Work from Stat...</span> </div>																							
E-PH-II-R-1040	Base course layers for Road Segment from Station A0+000 to Station 0+480 RHS	5d	18-Feb-16	25-Feb-16	-12d	<div style="display: flex; justify-content: space-between;"> <span>▼ 28-Feb-16, Road Work from Stat...</span> <span>▼ 28-Feb-16, Road Work from Stat...</span> </div>																							
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	9d	16-Feb-16	28-Feb-16	40d	<div style="display: flex; justify-content: space-between;"> <span>▼ 28-Feb-16, Road Work from Stat...</span> <span>▼ 28-Feb-16, Road Work from Stat...</span> </div>																							
<b>Asphalt work for Phase II - Road Segment from Station A0+000 to Station 0+480</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 29-Feb-16, Asphalt work for Ph...</span> <span>▼ 29-Feb-16, Asphalt work for Ph...</span> </div>																							
E-AS-1020	Asphalt Binder Course layer (including MC) for road segment from Station A0+000 to Station 0+480	1d	29-Feb-16	29-Feb-16	40d	<div style="display: flex; justify-content: space-between;"> <span>▼ 29-Feb-16, Asphalt work for Ph...</span> <span>▼ 29-Feb-16, Asphalt work for Ph...</span> </div>																							
<b>Phase III - Road Segment from Station 0+480 to Station 0+880</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 24-Mar-16, Phase III - Road Se...</span> <span>▼ 24-Mar-16, Phase III - Road Se...</span> </div>																							
<b>Traffic Control Plan and Safety Measures - from Station 0+480 to Station 0+880</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 24-Mar-16, Phase III - Road Se...</span> <span>▼ 24-Mar-16, Phase III - Road Se...</span> </div>																							
E-PH-III-1050	Implementation of Traffic Control Plan - Phase III	2d	27-Feb-16	28-Feb-16	-12d	<div style="display: flex; justify-content: space-between;"> <span>▼ 24-Mar-16, Phase III - Road Se...</span> <span>▼ 24-Mar-16, Phase III - Road Se...</span> </div>																							
E-PH-III-1060	Maintain of Traffic Control Plan and Safety - Phase III	22d	29-Feb-16	24-Mar-16	19d	<div style="display: flex; justify-content: space-between;"> <span>▼ 24-Mar-16, Phase III - Road Se...</span> <span>▼ 24-Mar-16, Phase III - Road Se...</span> </div>																							
<b>Phase III - Road Segment from 0+480 to Station 0+880 - LHS</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 23-Mar-16, Phase III - Road Se...</span> <span>▼ 23-Mar-16, Phase III - Road Se...</span> </div>																							
<b>New and Existing Utilities</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 09-Mar-16, New and Existing Ut...</span> <span>▼ 09-Mar-16, New and Existing Ut...</span> </div>																							
E-PH-III-L-1085	Construction of Pipe Culvert at Station 0+720 500mm length 12 m - LHS	5d	05-Mar-16	09-Mar-16	-7d	<div style="display: flex; justify-content: space-between;"> <span>▼ 09-Mar-16, New and Existing Ut...</span> <span>▼ 09-Mar-16, New and Existing Ut...</span> </div>																							
<b>Road Work from Station 0+480 to Station 0+880 - LHS</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 23-Mar-16, Road Work from Stat...</span> <span>▼ 23-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-L-1000	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 LHS	4d	29-Feb-16	03-Mar-16	-12d	<div style="display: flex; justify-content: space-between;"> <span>▼ 23-Mar-16, Road Work from Stat...</span> <span>▼ 23-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-L-1010	Replacement of Existing Soil from Station 0+536 to Station 0+880 LHS	8d	05-Mar-16	13-Mar-16	-10d	<div style="display: flex; justify-content: space-between;"> <span>▼ 23-Mar-16, Road Work from Stat...</span> <span>▼ 23-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 LHS	7d	10-Mar-16	17-Mar-16	-10d	<div style="display: flex; justify-content: space-between;"> <span>▼ 23-Mar-16, Road Work from Stat...</span> <span>▼ 23-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-L-1030	Base course layers for Road Segment from Station 0+480 to Station 0+880 LHS	4d	16-Mar-16	20-Mar-16	-12d	<div style="display: flex; justify-content: space-between;"> <span>▼ 23-Mar-16, Road Work from Stat...</span> <span>▼ 23-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	3d	21-Mar-16	23-Mar-16	19d	<div style="display: flex; justify-content: space-between;"> <span>▼ 23-Mar-16, Road Work from Stat...</span> <span>▼ 23-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-L-1110	Construction of Stone wall from station 0+854 to station 0+872	5d	19-Mar-16	23-Mar-16	19d	<div style="display: flex; justify-content: space-between;"> <span>▼ 23-Mar-16, Road Work from Stat...</span> <span>▼ 23-Mar-16, Road Work from Stat...</span> </div>																							
<b>Phase III - Road Segment from Station 0+480 to Station 0+880 - RHS</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 21-Mar-16, Phase III - Road Se...</span> <span>▼ 21-Mar-16, Phase III - Road Se...</span> </div>																							
<b>New and Existing Utilities</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 12-Mar-16, New and Existing Ut...</span> <span>▼ 12-Mar-16, New and Existing Ut...</span> </div>																							
E-PH-III-R-106	Relocation of underground Medium Voltage Cables by JEDCO - RHS	6d	13-Jan-16	19-Jan-16	20d	<div style="display: flex; justify-content: space-between;"> <span>▼ 12-Mar-16, New and Existing Ut...</span> <span>▼ 12-Mar-16, New and Existing Ut...</span> </div>																							
E-PH-III-R-106	Construction of Pipe Culvert at Station 0+720 500mm length 12 m - RHS	5d	07-Mar-16	12-Mar-16	-9d	<div style="display: flex; justify-content: space-between;"> <span>▼ 12-Mar-16, New and Existing Ut...</span> <span>▼ 12-Mar-16, New and Existing Ut...</span> </div>																							
<b>Road Work from Station 0+480 to Station 0+880 - RHS</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 21-Mar-16, Road Work from Stat...</span> <span>▼ 21-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-R-106	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 RHS	4d	02-Mar-16	06-Mar-16	-12d	<div style="display: flex; justify-content: space-between;"> <span>▼ 21-Mar-16, Road Work from Stat...</span> <span>▼ 21-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-R-107	Replacement of Existing Soil from Station 0+536 to Station 0+880 RHS	8d	07-Mar-16	15-Mar-16	-12d	<div style="display: flex; justify-content: space-between;"> <span>▼ 21-Mar-16, Road Work from Stat...</span> <span>▼ 21-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-R-107	Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 RHS	7d	13-Mar-16	20-Mar-16	-12d	<div style="display: flex; justify-content: space-between;"> <span>▼ 21-Mar-16, Road Work from Stat...</span> <span>▼ 21-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-R-107	Base course layers for Road Segment from Station 0+480 to Station 0+880 RHS	4d	16-Mar-16	20-Mar-16	-12d	<div style="display: flex; justify-content: space-between;"> <span>▼ 21-Mar-16, Road Work from Stat...</span> <span>▼ 21-Mar-16, Road Work from Stat...</span> </div>																							
E-PH-III-R-107	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	3d	19-Mar-16	21-Mar-16	21d	<div style="display: flex; justify-content: space-between;"> <span>▼ 21-Mar-16, Road Work from Stat...</span> <span>▼ 21-Mar-16, Road Work from Stat...</span> </div>																							
<b>Asphalt work for Phase III - Road Segment from Station 0+480 to Station 0+880</b>						<div style="display: flex; justify-content: space-between;"> <span>▼ 24-Mar-16, Asphalt work for Ph...</span> <span>▼ 24-Mar-16, Asphalt work for Ph...</span> </div>																							
E-AS-1000	Asphalt Binder Course layer (including MC) for road segment from Station 0+480 to Station 0+880	1d	24-Mar-16	24-Mar-16	19d	<div style="display: flex; justify-content: space-between;"> <span>▼ 24-Mar-16, Asphalt work for Ph...</span> <span>▼ 24-Mar-16, Asphalt work for Ph...</span> </div>																							

█ Actual Work   
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TO-15-11-RAF - Draft Updated Baseline -Ramallah - Rafat  
(Southern Entrance) Road



02-Jan-16 21:55  
01-Jan-16

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016											
						N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O
<b>Phase IV - Road Segment from Station 0+880 to Station 1+080</b>																													
<b>Traffic Control Plan and Safety Measures - from Station 0+880 to Station 1+080</b>																													
E-PH-IV-1050	Implementation of Traffic Control Plan - Phase IV	1d	21-Mar-16	21-Mar-16	-12d																								
E-PH-IV-1060	Maintain of Traffic Control Plan and Safety - Phase IV	27d	22-Mar-16	23-Apr-16	-5d																								
<b>Phase IV - Road Segment from 0+880 to Station 1+080 - LHS</b>																													
<b>New and Existing Utilities</b>																													
E-PH-IV-L-105	Construction of Pipe Culvert at Station 0+953 1000mm length 15 m - LHS	5d	26-Mar-16	30-Mar-16	-11d																								
E-PH-IV-L-117	Construction of Foundation of Electrical Poles	10d	07-Apr-16	19-Apr-16	-5d																								
<b>Road Work from Station 0+880 to Station 1+080 - LHS</b>																													
E-PH-IV-L-100	Excavation / Cut to specified level for Road Segment from Station 0+880 to Station 1+080 LHS	3d	22-Mar-16	24-Mar-16	-12d																								
E-PH-IV-L-101	Replacement of Existing Soil from Station 0+880 to Station 1+080 LHS	7d	26-Mar-16	02-Apr-16	-12d																								
E-PH-IV-L-102	Sub base layer and Subgrade preparation for Road Segment from Station 0+880 to Station 1+080 LHS	8d	29-Mar-16	06-Apr-16	-12d																								
E-PH-IV-L-103	Base course layers for Road Segment from Station 0+880 to Station 1+080 LHS	4d	04-Apr-16	07-Apr-16	-12d																								
E-PH-IV-L-104	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	10d	30-Mar-16	10-Apr-16	4d																								
<b>Phase IV - Road Segment from 0+880 to Station 1+080 - RHS</b>																													
<b>New and Existing Utilities</b>																													
E-PH-IV-R-105	Relocation of underground Medium Voltage Cables by JEDCO - RHS	5d	20-Jan-16	25-Jan-16	37d																								
E-PH-IV-R-106	Excavation, Bedding, Installation and Backfilling of 3" steel pipes from station 0+935 to Station 1+080 RHS	3d	03-Apr-16	05-Apr-16	-8d																								
E-PH-IV-R-107	Construction of Pipe Culvert at Station 0+953 1000mm length 15 m - RHS	5d	31-Mar-16	05-Apr-16	-11d																								
E-PH-IV-R-116	Construction of Foundation of Electrical Poles	10d	10-Apr-16	21-Apr-16	-7d																								
<b>Concrete Work at Station 0+970</b>																													
<b>Retaining Wall from Station S0+014 to Station S0+049 - RHS</b>																													
E-PH-IV-R-108	Structural Excavation for Reinforced Concrete Wall from Station S0+014 to Station S0+049 RHS	3d	13-Feb-16	15-Feb-16	-17d																								
E-PH-IV-R-109	Construction of Reinforced Concrete Wall from Station S0+014 to Station S0+049 RHS (including Backfilling)	14d	16-Feb-16	05-Mar-16	-17d																								
<b>Retaining Wall from Station S0+000 to Station S0+039 - LHS</b>																													
E-PH-IV-R-110	Structural Excavation for Reinforced Concrete Wall from Station S0+000 to Station S0+039 LHS	3d	06-Mar-16	08-Mar-16	-17d																								
E-PH-IV-R-111	Construction of Reinforced Concrete Wall from Station S0+000 to Station S0+039 LHS (including Backfilling)	15d	09-Mar-16	26-Mar-16	-17d																								
<b>Retaining Wall from Station 1+010 to Station 1+049 - RHS</b>																													
E-PH-IV-R-112	Structural Excavation for Reinforced Concrete Wall from Station 1+010 to Station 1+049 RHS	3d	27-Mar-16	29-Mar-16	-17d																								
E-PH-IV-R-113	Construction of Reinforced Concrete Wall from Station 1+010 to Station 1+049 (including Backfilling)	15d	30-Mar-16	17-Apr-16	-17d																								
<b>Road Work from Station 0+880 to Station 1+080 - RHS</b>																													
E-PH-IV-R-104	Excavation / Cut to specified level for Road Segment from Station 0+880 to Station 1+080 RHS	3d	24-Mar-16	27-Mar-16	-9d																								
E-PH-IV-R-105	Replacement of Existing Soil from Station 0+880 to Station 1+080 RHS	7d	28-Mar-16	04-Apr-16	-9d																								
E-PH-IV-R-106	Sub base layer and Subgrade preparation for Road Segment from Station 0+880 to Station 1+080 RHS	8d	31-Mar-16	09-Apr-16	-9d																								
E-PH-IV-R-107	Base course layers for Road Segment from Station 0+880 to Station 1+080 RHS	3d	14-Apr-16	17-Apr-16	-17d																								
E-PH-IV-R-108	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	10d	07-Apr-16	19-Apr-16	-3d																								
<b>Asphalt work for Phase IV - Road Segment from 0+880 to Station 1+080</b>																													
E-AS-1035	Asphalt Binder Course layer (including MC) for road segment from Station 0+880 to Station 1+080	1d	23-Apr-16	23-Apr-16	-5d																								
<b>Phase V - Road Segment from Station 1+080 to Station 1+680</b>																													
<b>Traffic Control Plan and Safety Measures - from Station 1+080 to Station 1+680</b>																													
E-PH-V-1050	Implementation of Traffic Control Plan - Phase V	1d	27-Dec-15	28-Dec-15																									
E-PH-V-1060	Maintain of Traffic Control Plan and Safety - Phase V	18d	28-Dec-15	09-May-16	-17d																								
<b>Phase V - Road Segment from Station 1+080 to Station 1+680 - LHS</b>																													
<b>Pipe Culvert</b>																													
E-PH-V-L-1070	Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - LHS	4d	18-Apr-16	21-Apr-16	-15d																								
<b>Road Work from Station 1+080 to Station 1+680 - LHS</b>																													
E-PH-V-L-1000	Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 LHS	4d	28-Dec-15	21-Apr-16	-17d																								
E-PH-V-L-1010	Replacement of Existing Soil from Station 1+189 to Station 1+317 LHS	6d	18-Apr-16	24-Apr-16	-14d																								
E-PH-V-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station 1+080 to Station 1+680 LHS	9d	20-Apr-16	30-Apr-16	-14d																								
E-PH-V-L-1030	Base course layers for Road Segment from Station 1+080 to Station 1+680 LHS	6d	25-Apr-16	02-May-16	-13d																								
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	8d	24-Apr-16	03-May-16	-14d																								
<b>Phase V - Road Segment from Station 1+080 to Station 1+680 - RHS</b>																													

█ Actual Work   
 █ Critical Remaining Work   
 Summary  
█ Remaining Work   
 Milestone







# Annex K:

## One Month Look ahead Schedule

**TO-15-11-RAF - Draft Updated Baseline -Ramallah - Rafat (Southern Entrance) Road**



02-Jan-16 21:56  
01-Jan-16

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016																	
						N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O	N	D				
<b>TO-15-11-RAF - Draft Updated Baseline -Ramallah - Rafat (Southern Entrance) Road</b>																																			
<b>Milestones</b>																																			
<b>General Milestones</b>																																			
A-20	Project Duration	200d	09-Oct-15 A	17-May-16	-21d																									17-May-16, TO-15-11-RAF					
<b>PreConstruction Phase</b>																																			
<b>PreConstruction Submittals</b>																																			
PC-SUB-310	Preparation & Submit Dilapidation Survey	10d	10-Nov-15	12-Jan-16	66d																									17-May-16, Milestones					
PC-SUB-320	Review & Approval of Dilapidation Survey	21d	16-Nov-15	02-Feb-16	58d																									17-May-16, General Milestone					
<b>Traffic Control Plan, Coordination and Permits</b>																																			
PC-SUB-1000	Preparation & Submit Traffic Control Plan for Road Segment from Station 1+680 to Station 2+191 ( Area A)	7d	02-Jan-16	14-Jan-16	40d																									14-Feb-16, PreConstruction Phase					
PC-SUB-1010	Review & Approval of Traffic Control Plan for Road Segment from Station 1+680 to Station 2+191 ( Area A)	21d	17-Jan-16	14-Feb-16	36d																									02-Feb-16, PreConstruction Submittals					
PC-SUB-1037	Review & Approval of Traffic Control Plan for Road Segment from Station 0+460 to Station 1+680 ( Area C)	21d	29-Dec-15	27-Jan-16	9d																									14-Feb-16, Traffic Control Plan					
<b>Construction Phase</b>																																			
<b>Construction Submittals</b>																																			
<b>Shopdrawing submittals</b>																																			
<b>Water Pipeline Shopdrawing</b>																																			
<b>3" Pipes</b>																																			
CS-SH-W-03	Prep. & Sub. Shop drawing for 3" Steel pipeline	10d	12-Jan-16	23-Jan-16	23d																									15-May-16, Construction Phase					
CS-SH-W-04	Review & Approval of Shop drawing for 3" Steel pipeline	21d	24-Jan-16	21-Feb-16	23d																									24-Feb-16, Construction Submittals					
<b>Chambers Shopdrawing</b>																																			
<b>Gate Valve Chambers</b>																																			
CS-SH-W-31	Prep. & Sub. Shop drawing for DN 75 mm PN16 flanged Gate Valve Chamber	5d	24-Jan-16	28-Jan-16	28d																									22-Feb-16, Shopdrawing submittals					
<b>AVAR Chambers</b>																																			
CS-SH-W-25	Prep. & Sub. Shop drawing for DN 50 mm PN16 Combination Air Valve chamber	5d	24-Jan-16	28-Jan-16	31d																									21-Feb-16, Water Pipeline Shopdrawing					
<b>Road Shopdrawing (Plan, Profile and Cross section)</b>																																			
<b>Road Segment from Station 0+000 to Station 1+680 ( Area C) - Plan, Profile and Cross section</b>																																			
CS-SH-W-08b	Review & Approval of Shop drawing for Road Segment from station 0+200 to station 0+450	21d	14-Dec-15	11-Jan-16	-8d																									21-Feb-16, 3" Pipes					
CS-SH-W-10	Review & Approval of Shop drawing for Road Segment from station 0+450 to station 0+900	21d	14-Dec-15	11-Jan-16	-13d																									28-Jan-16, Chambers Shopdrawing					
CS-SH-W-490	Prep. & Sub. Shop drawing for Road Segment from station 0+900 to station 1+680	15d	15-Dec-15	19-Jan-16	8d																									28-Jan-16, Gate Valve Chambers					
CS-SH-W-500	Review & Approval of Shop drawing for Road Segment from station 0+900 to station 1+680	21d	21-Dec-15	09-Feb-16	7d																									28-Jan-16, AVAR Chambers					
<b>Concrete Wall</b>																																			
CS-SH-W-065	Prep. & Sub. Shop drawing for Retaining Wall from station 0+013 to Station 0+087	5d	16-Dec-15	02-Jan-16 A																										09-Feb-16, Road Shopdrawing (Plan, Profile and Cross section)					
CS-SH-W-180	Prep. & Sub. Shop drawing for Retaining Wall from station 0+420 to Station 0+461	0d	02-Jan-16	02-Jan-16	11d																									09-Feb-16, Road Segment from Station 0+000 to Station 1+680 ( Area C) - Plan, Profile and Cross section					
CS-SH-W-190	Review & Approval of Shop drawing for Retaining Wall from station 0+420 to Station 0+461	0d	03-Jan-16	03-Jan-16	13d																									Review & Approval of Shop drawing for Road Segment from station 0+200 to station 0+450					
CS-SH-W-240	Prep. & Sub. Shop drawing for Retaining Wall from station S0+014 to Station S0+049 RHS	5d	05-Jan-16	13-Jan-16	-14d																									Review & Approval of Shop drawing for Road Segment from station 0+450 to station 0+900					
CS-SH-W-250	Review & Approval of Shop drawing for Retaining Wall from station S0+014 to Station S0+049 RHS	21d	14-Jan-16	11-Feb-16	-16d																									Prep. & Sub. Shop drawing for Road Segment from station 0+900 to station 1+680					
CS-SH-W-300	Prep. & Sub. Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS	5d	14-Jan-16	19-Jan-16	-2d																									Review & Approval of Shop drawing for Road Segment from station 0+900 to station 1+680					
CS-SH-W-310	Review & Approval of Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS	21d	20-Jan-16	17-Feb-16	-2d																									Prep. & Sub. Shop drawing for Retaining Wall from station 0+013 to Station 0+087					
CS-SH-W-340	Prep. & Sub. Shop drawing for Retaining Wall from station 1+010 to Station 1+049	5d	05-Jan-16	13-Jan-16	21d																									Prep. & Sub. Shop drawing for Retaining Wall from station 0+420 to Station 0+461					
CS-SH-W-350	Review & Approval of Shop drawing for Retaining Wall from station 1+010 to Station 1+049	21d	14-Jan-16	11-Feb-16	19d																									Review & Approval of Shop drawing for Retaining Wall from station 0+420 to Station 0+461					
<b>Pipe Culvert</b>																																			
CS-SH-W-155	Prep. & Sub. Shop drawing for Pipe Culvert at Station 0+720	5d	02-Jan-16	12-Jan-16	12d																									17-Feb-16, Concrete Wall					
CS-SH-W-160	Review & Approval of Shop drawing for Pipe Culvert at Station 0+720	21d	13-Jan-16	10-Feb-16	10d																									Prep. & Sub. Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS					
CS-SH-W-165	Prep. & Sub. Shop drawing for Pipe Culvert at Station 0+953	5d	13-Jan-16	18-Jan-16	18d																									Prep. & Sub. Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS					
CS-SH-W-170	Review & Approval of Shop drawing for for Pipe Culvert at Station 0+953	21d	19-Jan-16	16-Feb-16	17d																									Review & Approval of Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS					
CS-SH-W-440	Prep. & Sub. Shop drawing for Pipe Culvert at Station 1+166	5d	19-Jan-16	24-Jan-16	27d																									Prep. & Sub. Shop drawing for Retaining Wall from station 1+010 to Station 1+049					
CS-SH-W-450	Review & Approval of Shop drawing for for Pipe Culvert at Station 1+166	21d	25-Jan-16	22-Feb-16	26d																									Review & Approval of Shop drawing for Retaining Wall from station 1+010 to Station 1+049					

█ Actual Work   
 █ Critical Remaining Work   
  Summary  
█ Remaining Work   
 ◆ ◆ Milestone

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02-Jan-16 21:56  
01-Jan-16

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016											
						N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O
<b>Storm water Drainage Pipes</b>																													
CS-SH-W-130	Review & Approval of Shop drawing for Storm water Drainage Pipes from station A 0+083 to Station 0+469	21d	27-Dec-15	25-Jan-16	3d																								
<b>Material Submittals</b>																													
<b>Mechanical Material Submittals</b>																													
MMS-SUB-1020	Prep. & Sub. Flanges	5d	19-Oct-15 A	12-Jan-16	1d																								
MMS-SUB-1030	Review & Approval of Flanges	21d	21-Oct-15 A	10-Feb-16	1d																								
MMS-SUB-1060	Prep. & Sub. Heat Shrinkable for Steel Pipes	5d	02-Jan-16	12-Jan-16	37d																								
MMS-SUB-1070	Review & Approval of Heat Shrinkable for Steel Pipes	21d	03-Jan-16	31-Jan-16	38d																								
<b>Civil Material Submittals</b>																													
CMS-SUB-1000	Prep. & Sub. Bedding Material	5d	02-Jan-16	12-Jan-16	0d																								
CMS-SUB-1010	Review & Approval of Bedding Material	21d	13-Jan-16	10-Feb-16	30d																								
CMS-SUB-1080	Prep. & Sub. Guard rail	3d	02-Jan-16	06-Jan-16	41d																								
CMS-SUB-1090	Review & Approval of Guard rail	21d	07-Jan-16	04-Feb-16	52d																								
CMS-SUB-1100	Prep. & Sub. Traffic Signs	3d	09-Jan-16	13-Jan-16	49d																								
CMS-SUB-1110	Review & Approval of Traffic Signs	21d	14-Jan-16	11-Feb-16	46d																								
CMS-SUB-1120	Prep. & Sub. Road Marking Paint	3d	14-Jan-16	17-Jan-16	49d																								
CMS-SUB-1130	Review & Approval of Road Marking Paint	21d	18-Jan-16	15-Feb-16	44d																								
CMS-SUB-1180	Prep. & Sub. Bituminous Cold Material	2d	28-Nov-15	06-Jan-16	0d																								
CMS-SUB-1190	Review & Approval of Bituminous Cold Material	21d	29-Nov-15	18-Jan-16	0d																								
CMS-SUB-1200	Prep. & Sub. Manhole covers and frames	4d	02-Jan-16	09-Jan-16	41d																								
CMS-SUB-1210	Review & Approval of Manhole covers and frames	21d	10-Jan-16	07-Feb-16	41d																								
CMS-SUB-1220	Prep. & Sub. Pipe's supports	4d	12-Jan-16	16-Jan-16	47d																								
CMS-SUB-1230	Review & Approval of Pipe's supports	21d	17-Jan-16	14-Feb-16	43d																								
CMS-SUB-1240	Prep. & Sub. Manhole Rungs	2d	12-Jan-16	13-Jan-16	41d																								
CMS-SUB-1250	Review & Approval of Manhole Rungs	21d	14-Jan-16	11-Feb-16	37d																								
CMS-SUB-1290	Review & Approval of Prime Coat and Tack Coat	21d	28-Dec-15	27-Jan-16	50d																								
CMS-SUB-1322	Prep. & Sub. Catch basin	7d	02-Jan-16	14-Jan-16	-8d																								
CMS-SUB-1332	Review & Approval of Catch basin	21d	17-Jan-16	14-Feb-16	-11d																								
CMS-SUB-1342	Prep. & Sub. Hand Rail	7d	09-Jan-16	18-Jan-16	41d																								
CMS-SUB-1352	Review & Approval of Hand Rail	21d	19-Jan-16	16-Feb-16	44d																								
CMS-SUB-1362	Prep. & Sub. Cat eyes	7d	19-Jan-16	26-Jan-16	41d																								
CMS-SUB-1372	Review & Approval of Cat eyes	21d	27-Jan-16	24-Feb-16	37d																								
CMS-SUB-1520	Prep. & Sub. Identification Tape	5d	02-Jan-16	12-Jan-16	32d																								
CMS-SUB-1530	Review & Approval of Identification Tape	21d	13-Jan-16	10-Feb-16	30d																								
CMS-SUB-1540	Prep. & Sub. Interlock Tiles	7d	02-Jan-16	14-Jan-16	24d																								
CMS-SUB-1550	Review & Approval of Interlock Tiles	21d	17-Jan-16	14-Feb-16	21d																								
<b>Electrical Material Submittals</b>																													
EMS-SUB-1332	Review & Approval of Lighting Poles	21d	20-Dec-15	21-Jan-16	15d																								
<b>Method Statement</b>																													
MS-SUB-1040	Prep. & Sub. Concrete Repair Method Statement	5d	02-Jan-16	12-Jan-16	59d																								
MS-SUB-1050	Review & Approval of Concrete Repair Method Statement	21d	13-Jan-16	10-Feb-16	52d																								
MS-SUB-1060	Prep. & Sub. Storm water Pipe installation Method Statement	5d	27-Dec-15	05-Jan-16	-3d																								
MS-SUB-1070	Review & Approval of Storm water Pipe installation Method Statement	21d	05-Jan-16	03-Feb-16	-4d																								
<b>Procurement</b>																													
PRO-1000	Order and delivery of 3" Steel Pipes	60d	09-Nov-15	21-Mar-16	2d																								
PRO-1020	Order and Delivery of Storm water Drainage Pipes	30d	02-Jan-16	13-Feb-16	-11d																								
PRO-1030	Order and Delivery of Street Lighting Poles	40d	21-Jan-16	13-Mar-16	16d																								
<b>Execution</b>																													

█ Actual Work    █ Critical Remaining Work    Summary  
█ Remaining Work    ◆ ◆ Milestone



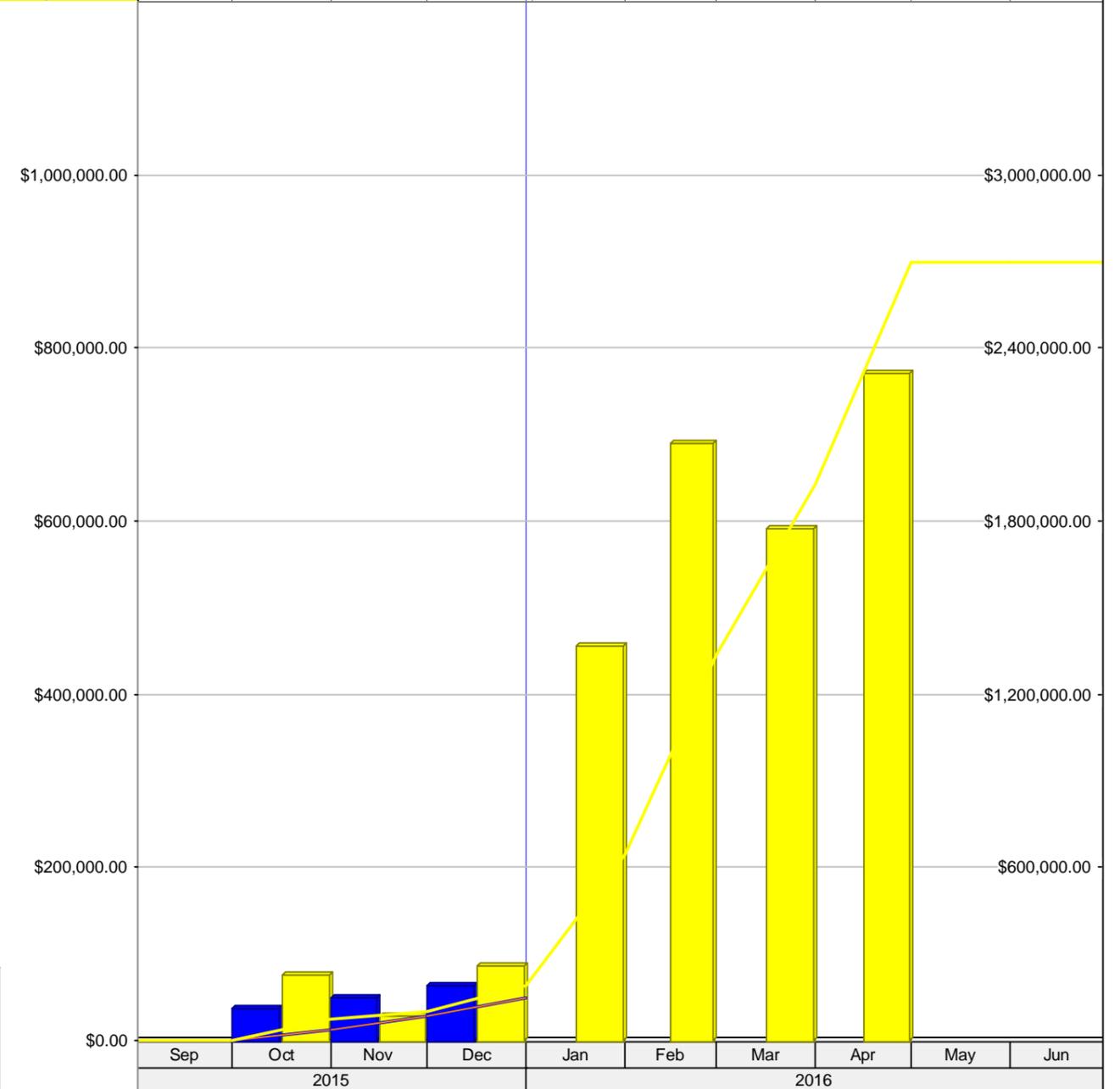




# Annex L:

## Progress S-Curve versus Actual

WBS Name	Start	Finish	Schedule % Complete	Cost % Complete	2015				2016					
					Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>TO-15-11-RAF - Draft Updated Baseline -Ramallah - Rafat (Southern Entrance) I</b>	09-Oct-15 A	17-May-16	6.98%	5.5%	09-Oct-15 A									17-May-16
<b>Milestones</b>	09-Oct-15 A	17-May-16	0%	0%	09-Oct-15 A									17-May-16
General Milestones	09-Oct-15 A	17-May-16	0%	0%	09-Oct-15 A									17-May-16
Intermediate Milestones	10-Oct-15 A	15-May-16	0%	0%	10-Oct-15 A									15-May-16
<b>PreConstruction Phase</b>	10-Oct-15 A	14-Feb-16	100%	100%	10-Oct-15 A									14-Feb-16
Mobilization	10-Oct-15 A	13-Dec-15 A	100%	100%	10-Oct-15 A			13-Dec-15 A						
PreConstruction Submittals	10-Oct-15 A	02-Feb-16	0%	0%	10-Oct-15 A					02-Feb-16				
Traffic Control Plan, Coordination and Permits	18-Oct-15 A	14-Feb-16	0%	0%	18-Oct-15 A					14-Feb-16				
<b>Construction Phase</b>	10-Oct-15 A	17-May-16	3.33%	1.78%	10-Oct-15 A									17-May-16
Construction Submittals	10-Oct-15 A	24-Mar-16	0%	0%	10-Oct-15 A						24-Mar-16			
Procurement	09-Nov-15 A	30-Mar-16	0%	0%		09-Nov-15 A						30-Mar-16		
Execution	29-Nov-15 A	17-May-16	3.33%	1.78%		29-Nov-15 A								17-May-16
<b>Post Construction Phase</b>	28-Mar-16	17-May-16	0%	0%							28-Mar-16			17-May-16
Post Construction Submittals	31-Mar-16	17-May-16	0%	0%							31-Mar-16			17-May-16



■ Actual Total Cost  
■ Planned Value Cost  
■ Earned Value Cost  
■ BL Project Total Cost

▾ All EPS Elements    ▬ WBS Elements below Project    ▬ Forecast Bar  
▾ All Projects    ▬ Summary



# Annex M:

## Approved Original CPM Schedule and Narrative Report



UNITED STATES AGENCY FOR INTERNATIONAL  
DEVELOPMENT  
WEST BANK / GAZA

LOCAL CONSTRUCTION PROGRAM  
(LCP)

CMC: BLACK & VEATCH

**Original CPM Schedule Submittal**

Prepared by:



Contract No: AID-294-I-13-00002  
Task Order No: AID-294-TO-15-00011

## Narrative report

### 1. Task Order Overview:

#### 1.1. Background

The USAID West Bank and Gaza, Local Construction Program (LCP) is designed to support U.S. Government efforts with the peace process by improving Palestinian access to basic infrastructure and services throughout the West Bank, and if conditions and funding permit, in Gaza.

Infrastructure in the West Bank and Gaza suffers from years of neglect and lack of investment.

The USAID Mission's Local Construction Program (LCP) focuses on the rehabilitation or construction of roads, water, wastewater, and buildings construction projects. The USAID objective is to help the Palestinian economy by improving Palestinian access to basic infrastructure and services

#### 1.2. Project Objective

The objective of this Task Order is to improve road infrastructure by rehabilitating and improving sections of a main urban/rural road at the southern entrance to the City of Ramallah.

#### 1.3. Statement Of Work

The United States Agency for International Development (USAID) is rehabilitating a 2.2 k section of the Ramallah – Rafat (Southern Entrance) Road. Below is a summary description of the SOW:

- Reconstruction of 1.7 km of the Ramallah-Rafat southern entrance including the following features:
  - ✓ Two-lane road with shoulders and sidewalks as needed.
  - ✓ Drainage system upgrades
  - ✓ Retaining structures
  - ✓ Required roadway accessories.
- Milling and overlay of 0.5 km of four-lane divided road with sidewalks and landscaping in Ramallah.

1.4. Overview Map

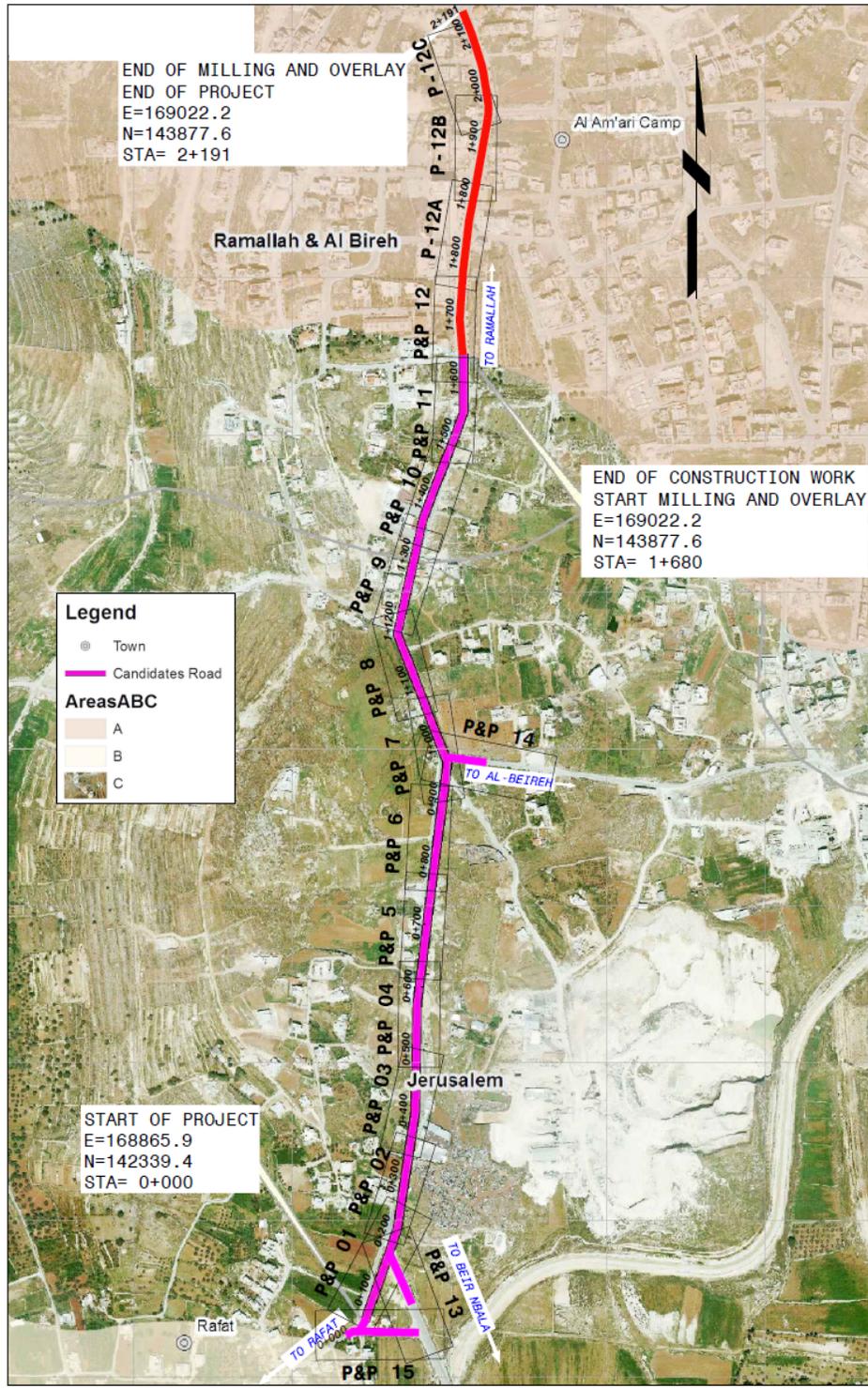


Figure 1: Ramallah-Rafat (Southern Entrance) Road

## 2. Task Order Key Data

Task Order Name	Ramallah – Rafat (Southern Entrance) Road
Contract Number	AID-294-I-13-00002
Task Order Number	AID-294-TO-15-00011
Client	USAID West Bank and Gaza
Contractor	Saqqa and Khoudary Co. Ltd. (SAK)
CMC	Black and Veatch (BV)
Task Order Contract Value	\$ 2,846,960.91
Project Total Amount	\$ 2,696,960.91
Day work amount	\$ 150,000.00
Modified Project Total Amount	---
Modified Day work Amount	---
Notice To Proceed	October 09, 2015
Period Of Performance	200 calendar day
Contractual Completion Date	April 25, 2016
Approved Time Extensions	---
Modified Completion Date	---
Start of Construction (Ground Breaking)	---

## 3. Contract Milestones:

The contractual milestones are:

**Start Milestone - Notice to Proceed:** October 09, 2015

**Finish Milestone - Project Completion:** April 25, 2016

## 4. Permits

The following permits have been obtained for the work under this Task Order.

- ✓ Construction Permit from the Israeli Civil Administration (ICA).
- ✓ Approval of the Ministry of Public Works and Housing (MoPWH)
- ✓ Approval of the Ministry of Local Governance (MoLG).

## 5. Project Construction Area

- The project construction area are within Areas A and C. Therefore; coordination needed with the District Civil Liaison Office (DCL), Civil Administration Departments, Ma'atz (Israeli National Roads Company), the Israeli Police is required. In addition SAK will coordinate with all other relevant authority or utility that has jurisdiction over any portion of the construction works. Coordination includes, but is not limited to, any work needed to obtain approvals; coordinating the movement of personnel, equipment and materials to and from the project site; and any other coordination required by the relevant authorities to ensure no hindrance of the scheduled completion of the project in a timely manner.
- Time Schedule was built and coordinated with the traffic control plan, method statement and site restrains.

## 6. Traffic Control Plan

The Original CPM Schedule was prepared and coordinated with the traffic control plan, method statement and site restrains.

Saqqa and Khoudary - SAK will implement the approved traffic control plan prior to starting any work in the road right-of-way/easement and the traffic control plan and safety measures will be maintained during construction activities.

## 7. Safety Program:

Saqqa and Khoudary will post OSHA-required notices and establish safety programs prior to starting any work as per the approved safety plan and stated in section C.9.2 of basic IQC Contract; protect life, property and the environment with respect to all work performed under this IQC.

## 8. Period of Performance

The period of performance for this project **“Ramallah – Rafat (Southern Entrance) Road”** under this Task Order is 200 calendar days from the date of USAID’s issuance of the Notice to Proceed (NTP) to the date of project completion and acceptance by USAID.

### 1. Task Order Constraints

All schedule constraints were incorporated in the preliminary schedule as required in executed task order section F5.

Activity Name	Constraint
Preparation & Submit Copy of <b>Bank Guarantee Certificates</b>	Within (14) calendar days after the date of Task Order award
Preparation & Submit <b>Scheduling Qualification Submittal</b>	within 10 Days after Notice to Proceed
Preparation & Submit <b>Key Staff</b>	Due no later than 14 days NTP
Preparation & Submit <b>Quality Control Plan with Testing Lab C.V</b>	Due no later than 30 days after Notice to Proceed and prior to commencement of any construction activity.
Preparation & Submit <b>Safety Plan</b>	Due no later than 28 days after issuance of NTP and prior to commencement of any construction activity.
Preparation & Submit <b>Traffic Control Plan</b>	Due prior to commencement of any construction activity.
Preparation & Submit <b>Environmental Monitoring and Mitigation Plan</b>	Due no later than 28 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit <b>Original CPM Construction Schedule</b>	Due no later than 28 days after issuance of NTP

## 9. SAK General approach Sequence of work and Work Plan

SAK will use the CPM scheduling technique to plan, schedule, and tracking and control the performance of work prior, during, and after construction period of the project.

The Original Baseline Schedule comprise all the detailed construction-related activities using the critical path method (CPM). The Schedule provide sufficient detail and clarity to reflect the intricacies and interdependencies of activities so SAK can plan, schedule, monitor, control and report on the progress of his work. In addition, it shall provide the Engineer and Owner a tool to monitor and follow the progress for all phases of the Work.

The original CPM Schedule show detailed construction-related activities for the entire project including preconstruction, construction and post construction Phase, which consist of mobilization, permit acquisition, submittals necessary for material and equipment procurement, submittals necessary for long lead equipment procurement, shop drawing and method statement submittals.

Based on the proposed work groups and crews and the task order scope of work, the construction related activities was planned and sequence to minimize public disruption and to complete the project with the time frame.

The execution activities were scheduled to be started following approval and implementation of traffic control plan and safety measures.

The execution activities will be started following arrival of material and approval of all related construction submittals.

The above work will be scheduled and sequenced to ensure continuous operation of the existing plant facilities as per specification section 01310 part 24.04.

Saqqa and Khoudary establish the original schedule as follows:

- The project was divided in to three main phases; Preconstruction Phase, Construction Phase and Post Construction phase, in addition to the general and intermediate milestones.
- The **Preconstruction Phase** consist the following:
  - List of Preconstruction Submittals activities that will be submitted during the mobilization period and prior to commencement of any construction activities.
  - List of mobilization activities that will be completed during the initial 30 days after Notice to Proceed (NTP).
  - Traffic Control Plan and Coordination activities were scheduled to start immediately after NTP.
- The **Construction Phase** consist the following activities:
  - Construction submittals that consist of Shop drawing submittals, Material Submittal, and Method Statement submittals activities.
  - Procurement activities are planned to be started immediately following approval of Material submittals for Drainage pipes and 3” steel pipes.

○ **Execution activities:**

Based on the proposed Traffic Control Plan the execution phase will be divided to the following phases and sequence:

**Phase I:**

**Phase I.A:** Close road segment from Station 0+000 to Station 0+200 and use the road segment B as a detour. Note the segment between 0+000 and 0+040 shall not be closed and shall be worked in half/half approach.

**Phase I.B:** After constructing completing road segment from 0+000 to 0+200 in Phase I.A, use it as a detour and work at road Segment B from station B+020 to B0+108 in stop/go approach; work on the LHS of the road while diverting one way traffic on the right side. The traffic will be controlled by flagmen. Once completed adopt the same approach for the construction of the RHS.

**Phase II:** From A0+000 to 0+480: work in stop/go approach; work on the LHS of the road while diverting one way traffic on the right side. The traffic will be controlled by flagmen. Once completed adopt the same approach for the construction of the RHS.

**Phase III:** From 0+480 to 0+880: work in stop/go approach; work on the LHS of the road while diverting one way traffic on the right side. The traffic will be controlled by flagmen. Once completed adopt the same approach for the construction of the RHS.

**Phase IV:** Roundabout area (0+880 to 1+080): this phase will include 4 to 5 sub-phases. Work in stop/go approach while diverting the one way traffic on the different legs of the proposed roundabout. The traffic will be controlled by flagmen.

**Phase V:** From 1+080 to 1+650: work in stop/go approach; work on the LHS of the road while diverting one way traffic on the right side. The traffic will be controlled by flagmen. Once completed adopt the same approach for the construction of the RHS.

**The general sequence of work will be Phase I.A, then Phase I.B,**

**In parallel and following receive of vetting of approval for JEDCO and Israeli related authorities for Traffic control plan; Phase II will be started immediately, then Phase III, then Phase IV, then Phase V as per the approved traffic control plan.**

For each phase of the above mentioned phases the general sequence of work will be

- ✓ Relocation of underground Medium Voltage Cables by JEDCO
- ✓ Excavation to the required level.
- ✓ Construction of Retaining walls
- ✓ Soil replacement
- ✓ Execution of sub base layers.
- ✓ Installation of new utilities (3" steel pipes or Storm Drainage system)
- ✓ Execution of Base course layers.

- ✓ Execution of Sidewalk and Curb stone activities.
- ✓ Asphalt wok (Binder course and Wearing course)
- ✓ Roadway marking signs and other road furnishings needed to satisfactorily complete the works

For Road Work From station 1+680 to Station 2+191 (Area A)

- ✓ Milling of the existing asphalt layer
  - ✓ Asphalt overlay.
  - ✓ Roadway marking signs and other road furnishings needed to satisfactorily complete the works
- The **Post Construction Phase** consist the following activities:
    - Post Construction submittals that include Final Acceptance Certificate, warranties and other post construction submittals activities.

For more details, please refer to the original Baseline schedule and WBS.

## 10. Work Groups and Crews:

The construction work plan was established based on the following work groups and crews:  
Works will be divided into 4 groups (multiple crews) and two segments:

### Group 1: Pipelines

- Crew will be responsible for replacement of the existing 3” pipes that includes excavation, bedding, installation and backfilling of 3” steel pipes. With an average productivity rate of 50 – 70 linear meter per day.
- Crew will be responsible for construction of Concrete Chambers. With an average productivity of one chamber each 15 days - Cast In situ.
- Crew will be responsible for installation of mechanical valves and fittings.

### Group 2: Storm Water Drainage Pipes (Concrete Pipes) – Productivity of: 40 – 50 m per day

- Crew will be responsible for Installation of Storm water Drainage pipes that includes excavation, bedding, installation and backfilling. And construction of Manholes and Catch basin.

### Group 3: Concrete work.

- Two Crews will be responsible for Retaining Walls construction, with an average productivity rate of: 3-5 linear meters per day for (3 meter height)
- Crew will be responsible for Sidewalk and concrete ditches construction with productivity rate of: 10-20 linear meter per day.

### Group 4: Road Work: This Group will be responsible of all road activities; including excavation, filling horizontal layer, spreading and compaction of sub base layers, spreading and compaction of base course layers, Supplying, spreading and compacting bituminous wearing course, concrete work and road marking

- One Crew will be responsible for excavation, with an average productivity rate of 500 cubic meters per day.
- One Crew will be responsible for Soil replacement and Sub base layers, with an average productivity rate of 500-800 m<sup>2</sup> per day.
- One Crew will be responsible for base course layers, with an average productivity rate of 800 – 1000 m<sup>2</sup> per day
- One Crew will be responsible for Asphalt Crew: 2000 – 2200 m<sup>2</sup> of asphalt per day
- One Crew will be responsible for Asphalt Milling Crew: 2000-3000 m<sup>2</sup> per day.
- One Crew will be responsible for Curb stone: 100-150 m per day.
- One Crew will be responsible for Pipe culvert: 3-4 m per day
- One Crew will be responsible for road furniture including traffic sign, road marking, and guardrail. With productivity rate as follows:
  - Guardrail: 50 – 70 m per day
  - Road Marking. 300 m per day
- One Crew will be responsible for Stone Wall construction with an average productivity rate of 10 - 15 linear meter per day.

For more details regarding the Work Crews, Manpower and Equipment for each crew please refer to below table:









## 11. Critical Path activities

- Activity: A-1 Notice to Proceed (NTP)
- Activity: A-2 Project Completion
- Activity: E-195 Road Marking
- Activity: E-200 Installation of Traffic Signs
- Activity: E-205 Installation of Steel guard Rail
- Activity: E-AS-1045 Asphalt Binder Course layer (including MC) for road segment from Station 1+080 to Station 1+680
- Activity: E-AS-1050 Asphalt Wearing Course layer (including RC) for road segment from Station 1+080 to Station 1+680
- Activity: E-C-100 Implementation of Traffic Control Plan - Road Segment from Station 0+000 to Station 1+680 (Area C)
- Activity: E-PH-II-L-1000 Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 LHS
- Activity: E-PH-II-R-1000 Relocation of underground Medium Voltage Cables by JDECO - RHS
- Activity: E-PH-II-R-1010 Installation of Storm water Drainage Pipes from station A 0+083 to Station 0+469 - RHS
- Activity: E-PH-II-R-1020 Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 RHS
- Activity: E-PH-II-R-1025 Replacement of Existing Soil from Station A0+000 to Station 0+340 RHS
- Activity: E-PH-II-R-1030 Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 RHS
- Activity: E-PH-II-R-1040 Base course layers for Road Segment from Station A0+000 to Station 0+480 RHS
- Activity: E-PH-III-1050 Implementation of Traffic Control Plan - Phase III
- Activity: E-PH-III-L-1000 Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 LHS
- Activity: E-PH-III-L-1030 Base course layers for Road Segment from Station 0+480 to Station 0+880 LHS
- Activity: E-PH-III-R-1000 Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 RHS
- Activity: E-PH-III-R-1010 Replacement of Existing Soil from Station 0+536 to Station 0+880 RHS
- Activity: E-PH-III-R-1020 Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 RHS
- Activity: E-PH-III-R-1030 Base course layers for Road Segment from Station 0+480 to Station 0+880 RHS
- Activity: E-PH-IV-1050 Implementation of Traffic Control Plan - Phase IV
- Activity: E-PH-IV-L-1000 Excavation / Cut to specified level for Road Segment from Station 0+880 to Station 1+080 LHS
- Activity: E-PH-IV-L-1010 Replacement of Existing Soil from Station 0+880 to Station 1+080 LHS

- Activity: E-PH-IV-L-1020 Sub base layer and Subgrade preparation for Road Segment from Station 0+880 to Station 1+080 LHS
- Activity: E-PH-IV-L-1035 Base course layers for Road Segment from Station 0+880 to Station 1+080 LHS
- Activity: E-PH-IV-R-1035 Base course layers for Road Segment from Station 0+880 to Station 1+080 RHS
- Activity: E-PH-V-1050 Implementation of Traffic Control Plan - Phase V
- Activity: E-PH-V-L-1000 Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 LHS
- Activity: E-PH-V-L-1070 Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - LHS
- Activity: E-PH-V-R-1000 Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 RHS
- Activity: E-PH-V-R-1010 Replacement of Existing Soil from Station 1+189 to Station 1+317 RHS
- Activity: E-PH-V-R-1020 Sub base layer and Subgrade preparation for Road Segment from Station 1+080 to Station 1+680 RHS
- Activity: E-PH-V-R-1030 Base course layers for Road Segment from Station 1+080 to Station 1+680 RHS
- Activity: E-PH-V-R-1070 Excavation, Bedding, Installation and Backfilling of 3" steel pipes from station 1+080 to Station 1+680 RHS
- Activity: E-PH-V-R-1100 Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - RHS
- Activity: IA-01 Start of Mobilization
- Activity: IA-10 Finish of Construction Area from Station 0+000 to Station 1+680
- Activity: PC-SUB-1015 Coordination with the COGAT and DCL to obtain all the necessary approvals inclusive of traffic plans (Area C)
- Activity: PC-SUB-1030 Review & Approval of Traffic Control Plan for Road Segment from Station 0+000 to Station 0+460 ( Area C)
- Activity: PCS-1010 Inspection and Handover - Final Acceptance Certificate

## Scheduling assumptions

### 11.1. Project Constraint:

All schedule constraints were incorporated in the original CPM schedule as required in executed task order section F5.

Activity Name	Constraint
Start Milestone - <b>Notice to Proceed</b>	December 15, 2014
Finish Milestone - <b>Project Completion:</b>	August 11, 2015
Preparation & Submit Copy of <b>Bank Guarantee Certificates</b>	Within (14) calendar days after the date of Task Order award
Preparation & Submit <b>Scheduling Qualification Submittal</b>	within 10 Days after Notice to Proceed
Preparation & Submit <b>Key Staff</b>	Due no later than 14 days NTP
Preparation & Submit <b>Quality Control Plan with Testing Lab C.V</b>	Due no later than 30 days after issuance of Notice to Proceed and prior to commencement of any construction activity.
Preparation & Submit <b>Safety Plan</b>	Due no later than 28 days after issuance of NTP and prior to commencement of any construction activity.
Preparation & Submit <b>Traffic Control Plan</b>	Due prior to commencement of any construction activity.
Preparation & Submit <b>Environmental Monitoring and Mitigation Plan</b>	Due no later than 28 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit <b>Original CPM Construction Schedule</b>	Due no later than 28 days after issuance of NTP

### 11.2. Activity Codes:

A: General Milestone  
 IA: Intermediate Milestone  
 MOB: Mobilization  
 PC-SUB: Preconstruction Submittals  
 R&A: Review and Approval  
 COR: Coordination activities  
 CS: Construction Submittals  
 CS-SH: Construction Shop drawing Submittals  
 CS-SH-W: Construction Shop drawing Submittals for retaining walls  
 MMS-SUB: Mechanical Material Submittals  
 CMS-SUB: Civil Material Submittals  
 MS-SUB: Method Statement Material Submittals  
 EMS-SUB: Electrical Material Submittals  
 MIS: Miscellaneous  
 PRO: Procurement  
 E: Execution activities  
 A: Segment A  
 B: Segment B  
 C: Area C  
 PH: Phase  
 R: Right

L: Left  
AS: Asphalt  
PCS: Post Construction Submittals

### 11.3. Calendars:

Three types of calendars were used for the Preliminary progress schedule

- 7-Day Workweek (without holidays): for Milestones activities
  - Working Days: 7 days / week.
  - Working Hours: 8 hours / day.
- RAF - 6 Day Work: for Contractor's activities:
  - Working Days: 6 days / week
  - Working Hours: 8 hours / day
  - Weekly Holiday: Friday
  - Including local holidays listed below.
  - Including rainy days listed below.
- RAF - 5 Day Work: for Engineer's activities:
  - Working Days: 5 days / week
  - Working Hours: 8 hours / day
  - Weekly Holiday: Friday and Saturday.
  - Including local holidays listed below.
- Working Hours (Normal): 8 hours / day,
- Working Hours during month of Ramadan: Saturday – Thursday, 5 hours / day,  
During the Ramadan period, the Governmental Authorities, utility agencies, and many other organizations work short hours, normally from 9:00 a.m. to 2:00 p.m. (unless otherwise announced by the Palestinian Government). Traffic patterns change at this time. SAK will accommodate and revise their operations during this period according to their actual working hour requirements.
- Official Palestinian Holidays:
  - ✓ November 15, 2015: Independence Day (Palestinian State Declaration)
  - ✓ December 25, 2015: Christmas Day (Western calendar).
  - ✓ January 01, 2016: National Day
  - ✓ April 12, 2016: Easter Day (Eastern)
  - ✓ May 01, 2016: Labor Day (International)
  - ✓ Any public holiday that falls on a Friday will be taken on a Thursday but if that Thursday is part of the holiday then the preceding non-holiday day will be taken instead
  - ✓ Any public holiday that falls on a Saturday (for RAF - 5 Day Work ) will be taken on a Sunday but if that Sunday is part of the holiday then the following non-holiday day will be taken instead
- Weather Delays:

The project geographic area has a rainy weather season. SAK is familiar with local climatological conditions and adjust the schedule accordingly. The weather data will be obtained during construction from a reputable source and will be reported on the daily joint reports. The CPM schedule includes 12 days of delay in accordance with FAR 52.236-3.

  - ✓ Three days during December 2015: December 01, 15 and 16, 2015.
  - ✓ Five days during January 2016: January 3, 4, 7, 10, and 11, 2016.
  - ✓ Four days during February 2016: February 6, 7, 20, 21, 2016.

#### 11.4. Duration Estimates:

The activities included in the CPM Schedule defined in work days. Durations based on the labor (crafts), equipment, and materials required performing each activity on a normal workday basis. Maximum Activity durations is 20 working days or less except in the case of non-construction activities such as procurement of materials and delivery of equipment.

Duration estimate based on the Productivity rates mentioned above.

For submittal review activities, the original duration was established to be 21 working days associated with project calendar of 5 day work week, which is equal to 30 calendar days as per contract specifications

#### 11.5. Primavera Setting

##### A. Schedule Options:

- i. defined as “Use expected finish dates”;
- ii. Scheduling progressed activities set as “Use only retained logic”, not progress override option;
- iii. Critical Path activities defined as Total Float less than or equal to zero;
- iv. Calculating start-to-start lag from “early start” dates; and computing total float as “finish float = late finish – early finish”;
- v. Calendar set for scheduling relationship lag as “Predecessor Activity Calendar.”

B. Activity progress will be shown using Remaining Duration. Date format DDMMYY.

C. The Default activity type is “Independent Task”.

D. Date/time activity constraint(s): included in the original BL schedule as per executed task order Section F.5 REPORTS AND DELIVERABLES OR OUTPUTS.

#### 11.6. Scheduling setting

Scheduling .....Yes  
 Leveling .....No  
 Ignore relationships to and from other projects .....No  
 Make open-ended activities critical .....No  
 Use Expected Finish Dates .....Yes  
 Schedule automatically when a change affects dates .....No  
 Level resources during scheduling .....No  
 Recalculate assignment costs after scheduling .....No  
 When scheduling progressed activities use .....Retained Logic  
 Calculate start-to-start lag from .....Early Start  
 Define critical activities as Total Float less than or equal to 0  
 Compute Total Float as .....Finish Float  
 Calculate float based on finish date of .....Each project  
 Calendar for scheduling Relationship Lag .....Predecessor Activity Calendar

### 11.7. Scheduling Statistics:

# Projects.....	1
# Activities.....	316
# Not Started.....	316
# In Progress.....	0
# Completed.....	0
# Relationships.....	661
# Activities with Constraint.....	10
Activity:A-1	Notice to Proceed (NTP)
Activity:A-2	Project Completion
Activity:IA-02	Finish of Mobilization
Activity:IA-04	Finish of Pre-Construction Submittals
Activity:PC-SUB-030	Preparation & Submit Scheduling Qualification Submittal
Activity:PC-SUB-050	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)
Activity:PC-SUB-190	Preparation & Submit Quality Control Plan
Activity:PC-SUB-210	Preparation & Submit Safety Plan
Activity:PC-SUB-230	Preparation & Submit Environmental Monitoring and Mitigation Plan
Activity:PC-SUB-270	Preparation & Submit Original CPM Construction Schedule

**Report for:**  
**Summary Schedule – WBS**

WBS Code	WBS Name	2015				2016				2017				
		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
TO 15-11-RAF-BL-MP	TO-15-11-RAF - Ramallah - Rafat (Southern Entrance) Road				09-Oct-15				25-Apr-16					
TO 15-11-RAF-BL-MP.1	Milestones				09-Oct-15									
TO 15-11-RAF-BL-MP.1.1	General Milestones				09-Oct-15									
TO 15-11-RAF-BL-MP.1.2	Intermediate Milestones				09-Oct-15									
TO 15-11-RAF-BL-MP.2	PreConstruction Phase				09-Oct-15									
TO 15-11-RAF-BL-MP.2.MOB	Mobilization				10-Oct-15									
TO 15-11-RAF-BL-MP.2.2	PreConstruction Submittals				10-Oct-15									
TO 15-11-RAF-BL-MP.2.1	Traffic Control Plan, Coordination and Permits				09-Oct-15									
TO 15-11-RAF-BL-MP.3	Construction Phase				10-Oct-15									
TO 15-11-RAF-BL-MP.3.1	Construction Submittals				10-Oct-15									
TO 15-11-RAF-BL-MP.3.1.1	Shopdrawing submittals				25-Oct-15									
TO 15-11-RAF-BL-MP.3.1.1.1	Water Pipeline Shopdrawing				17-Dec-15									
TO 15-11-RAF-BL-MP.3.1.1.1.1	3" Pipes				17-Dec-15									
TO 15-11-RAF-BL-MP.3.1.1.1.2	Chambers Shopdrawing				30-Dec-15									
TO 15-11-RAF-BL-MP.3.1.1.1.2.1	Gate Valve Chambers				30-Dec-15									
TO 15-11-RAF-BL-MP.3.1.1.1.2.2	AVAR Chambers				30-Dec-15									
TO 15-11-RAF-BL-MP.3.1.1.5	Road Shopdrawing (Plan, Profile and Cross section)				25-Oct-15									
TO 15-11-RAF-BL-MP.3.1.1.5.1	Road Segment from Station 1+680 to Station 2+191 ( Area A) - Plan, Profile and Cross section				09-Jan-16									
TO 15-11-RAF-BL-MP.3.1.1.5.2	Road Segment from Station 0+000 to Station 1+680 ( Area C) - Plan, Profile and Cross section				25-Oct-15									
TO 15-11-RAF-BL-MP.3.1.1.3	Concrete Wall				31-Oct-15									
TO 15-11-RAF-BL-MP.3.1.1.4	Pipe Culvert				18-Nov-15									
TO 15-11-RAF-BL-MP.3.1.1.2	Storm water Drainage Pipes				25-Oct-15									
TO 15-11-RAF-BL-MP.3.1.1.6	Road Furniture				09-Jan-16									
TO 15-11-RAF-BL-MP.3.1.2	Material Submittals				10-Oct-15									
TO 15-11-RAF-BL-MP.3.1.2.1	Mechanical Material Submittals				10-Oct-15									
TO 15-11-RAF-BL-MP.3.1.2.2	Civil Material Submittals				19-Oct-15									
TO 15-11-RAF-BL-MP.3.1.2.3	Electrical Material Submittals				18-Nov-15									
TO 15-11-RAF-BL-MP.3.1.3	Method Statement				05-Nov-15									
TO 15-11-RAF-BL-MP.3.5	Procurement				21-Nov-15									
TO 15-11-RAF-BL-MP.3.2	Execution				22-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2	Road Segment from Station 0+000 to Station 1+680 ( Area C)				22-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.7	Traffic Control Plan Area C				22-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.1	Phase I - Road Segment from Station 0+000 to Station 0+200 and Segment B				22-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.1.1	Phase I-A - Construction of Road Segment from Station 0+000 to Station 0+200				22-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.1.1.1	Traffic Control Plan and Safety Measures				22-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.1.1.2	Retaining Wall from Station 0+000 to Station 0+087				23-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.1.1.3	Road Work from Station 0+000 to Station 0+200				23-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.1.2	Phase I-B - Construction of Road Segment B				13-Jan-16									
TO 15-11-RAF-BL-MP.3.2.2.1.2.1	Traffic Control Plan and Safety Measures				13-Jan-16									
TO 15-11-RAF-BL-MP.3.2.2.1.2.3	Road Work for Segment B from Station B0+000 to Station B0+103				14-Jan-16									
TO 15-11-RAF-BL-MP.3.2.2.2	Phase II - Road Segment from Station A0+000 to Station 0+480				23-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.2.4	Traffic Control Plan and Safety Measures				23-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.2.1	Phase II - Road Segment from Station A0+000 to Station 0+480 - LHS				29-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.2.1.3	Road Work from Station A0+000 to Station 0+480 - LHS				29-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.2.2	Phase II - Road Segment from Station A0+000 to Station 0+480 - RHS				23-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.2.2.1	New and Existing Utilities				23-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.2.2.2	Retaining Wall from Station 0+420 to Station 0+461 - RHS				13-Jan-16									
TO 15-11-RAF-BL-MP.3.2.2.2.2.3	Road Work from Station A0+000 to Station 0+480 - RHS				02-Jan-16									
TO 15-11-RAF-BL-MP.3.2.2.2.3	Asphalt work for Phase II - Road Segment from Station A0+000 to Station 0+480				11-Feb-16									
TO 15-11-RAF-BL-MP.3.2.2.3	Phase III - Road Segment from Station 0+480 to Station 0+880				29-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.3.4	Traffic Control Plan and Safety Measures - from Station 0+480 to Station 0+880				09-Feb-16									
TO 15-11-RAF-BL-MP.3.2.2.3.1	Phase III - Road Segment from 0+480 to Station 0+880 - LHS				10-Feb-16									
TO 15-11-RAF-BL-MP.3.2.2.3.1.1	New and Existing Utilities				15-Feb-16									
TO 15-11-RAF-BL-MP.3.2.2.3.1.3	Road Work from Station 0+480 to Station 0+880 - LHS				10-Feb-16									
TO 15-11-RAF-BL-MP.3.2.2.3.2	Phase III - Road Segment from Station 0+480 to Station 0+880 - RHS				29-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.3.2.1	New and Existing Utilities				29-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.3.2.3	Road Work from Station 0+480 to Station 0+880 - RHS				13-Feb-16									
TO 15-11-RAF-BL-MP.3.2.2.3.3	Asphalt work for Phase III - Road Segment from Station 0+480 to Station 0+880				08-Mar-16									
TO 15-11-RAF-BL-MP.3.2.2.5	Phase IV - Road Segment from Station 0+880 to Station 1+080				23-Dec-15									
TO 15-11-RAF-BL-MP.3.2.2.5.4	Traffic Control Plan and Safety Measures - from Station 0+880 to Station 1+080				05-Mar-16									

WBS Code	WBS Name	2015				2016				2017				
		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
TO 15-11-RAF-BL-MP.3.2.2.5.1	Phase IV - Road Segment from 0+880 to Station 1+080 - LHS						06-Mar-16							
TO 15-11-RAF-BL-MP.3.2.2.5.1.1	New and Existing Utilities						09-Mar-16							
TO 15-11-RAF-BL-MP.3.2.2.5.1.3	Road Work from Station 0+880 to Station 1+080 - LHS						06-Mar-16							
TO 15-11-RAF-BL-MP.3.2.2.5.2	Phase IV - Road Segment from 0+880 to Station 1+080 - RHS						23-Dec-15							
TO 15-11-RAF-BL-MP.3.2.2.5.2.1	New and Existing Utilities						12-Jan-16							
TO 15-11-RAF-BL-MP.3.2.2.5.2.2	Concrete Work at Station 0+970						23-Dec-15							
TO 15-11-RAF-BL-MP.3.2.2.5.2.2.1	Retaining Wall from Station S0+014 to Station S0+049 - RHS						23-Dec-15							
TO 15-11-RAF-BL-MP.3.2.2.5.2.2.2	Retaining Wall from Station S0+000 to Station S0+039 - LHS						20-Jan-16							
TO 15-11-RAF-BL-MP.3.2.2.5.2.2.3	Retaining Wall from Station 1+010 to Station 1+049 - RHS						13-Feb-16							
TO 15-11-RAF-BL-MP.3.2.2.5.2.3	Road Work from Station 0+880 to Station 1+080 - RHS						08-Mar-16							
TO 15-11-RAF-BL-MP.3.2.2.5.3	Asphalt work for Phase IV - Road Segment from 0+880 to Station 1+080						05-Apr-16							
TO 15-11-RAF-BL-MP.3.2.2.6	Phase V - Road Segment from Station 1+080 to Station 1+680						24-Jan-16							
TO 15-11-RAF-BL-MP.3.2.2.6.4	Traffic Control Plan and Safety Measures - from Station 1+080 to Station 1+680						26-Mar-16							
TO 15-11-RAF-BL-MP.3.2.2.6.1	Phase V - Road Segment from Station 1+080 to Station 1+680 - LHS						27-Mar-16							
TO 15-11-RAF-BL-MP.3.2.2.6.1.2	Pipe Culvert						30-Mar-16							
TO 15-11-RAF-BL-MP.3.2.2.6.1.3	Road Work from Station 1+080 to Station 1+680 - LHS						27-Mar-16							
TO 15-11-RAF-BL-MP.3.2.2.6.2	Phase V - Road Segment from Station 1+080 to Station 1+680 - RHS						24-Jan-16							
TO 15-11-RAF-BL-MP.3.2.2.6.2.2	Pipe Culvert						04-Apr-16							
TO 15-11-RAF-BL-MP.3.2.2.6.2.3	New and Existing Utilities						24-Jan-16							
TO 15-11-RAF-BL-MP.3.2.2.6.2.4	Road Work from Station 1+080 to Station 1+680 - RHS						29-Mar-16							
TO 15-11-RAF-BL-MP.3.2.2.6.3	Asphalt work for Phase V - Road Segment from Station 1+080 to Station 1+680						17-Apr-16							
TO 15-11-RAF-BL-MP.3.2.2.22	Asphalt work and Road Furniture						13-Feb-16							
TO 15-11-RAF-BL-MP.3.2.2.22.1	Asphalt Work for Road Segment from Station 0+000 to Station 480						13-Feb-16							
TO 15-11-RAF-BL-MP.3.2.2.22.2	Asphalt Work for Road Segment from Station 0+480 to Station 0+880						09-Mar-16							
TO 15-11-RAF-BL-MP.3.2.2.22.3	Asphalt Work for Road Segment from Station 0+880 to Station 1+080						06-Apr-16							
TO 15-11-RAF-BL-MP.3.2.2.22.4	Asphalt Work for Road Segment from Station 1+080 to Station 1+680						18-Apr-16							
TO 15-11-RAF-BL-MP.3.2.2.22.5	Road Furniture						05-Apr-16							
TO 15-11-RAF-BL-MP.3.2.2.8	Mechanical Installation and Testing						21-Mar-16							
TO 15-11-RAF-BL-MP.3.2.1	Phase VI - Road Segment from Station 1+680 to Station 2+191 ( Area A) Milling and Overlay						13-Feb-16							
TO 15-11-RAF-BL-MP.3.2.1.1	Traffic Control Plan and Safety Measures						13-Feb-16							
TO 15-11-RAF-BL-MP.3.2.1.3	Asphalting - Milling & Overlay						15-Feb-16							
TO 15-11-RAF-BL-MP.3.2.3	Misc						09-Feb-16							
TO 15-11-RAF-BL-MP.4	Post Construction Phase						23-Feb-16							
TO 15-11-RAF-BL-MP.4.1	Post Construction Submittals						23-Feb-16							

**Report for:**  
**Activities sorted by Early Start and Total Float**

**TO-15-11-RAF - Ramallah - Rafat (Southern Entrance) Road**



27-Dec-15 10:40  
09-Oct-15

Activity ID	Activity Name	Original Duration	Start	Finish	2016											
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
<b>TO-15-11-RAF - Ramallah - Rafat (Southern Entrance) Road</b>					25-Apr-16, TO-15-11-RAF - Rama...											
<b>Milestones</b>					25-Apr-16, Milestones											
<b>General Milestones</b>					25-Apr-16, General Milestones											
A-1	Notice to Proceed (NTP)	0.00	09-Oct-15*		◆ Notice to Proceed (NTP)											
A-2	Project Completion	0.00		25-Apr-16*	◆ Project Completion											
A-20	Project Duration	155.00	10-Oct-15	25-Apr-16	◆ Project Duration											
<b>Intermediate Milestones</b>					23-Apr-16, Intermediate Milest...											
IA-01	Start of Mobilization	0.00	09-Oct-15		◆ Start of Mobilization											
IA-02	Finish of Mobilization	0.00		07-Nov-15*	◆ Finish of Mobilization											
IA-03	Start of Pre-Construction Submittals	0.00	09-Oct-15		◆ Start of Pre-Construction Subm...											
IA-04	Finish of Pre-Construction Submittals	0.00		17-Dec-15*	◆ Finish of Pre-Construction Sub...											
IA-05	Start of Construction Submittals	0.00	09-Oct-15		◆ Start of Construction Submitta...											
IA-06	Finish of Construction Submittals	0.00		14-Feb-16	◆ Finish of Construction Submitt...											
IA-07	Start of Construction of Milling Area from Station 1+680 to Station 2+191	0.00	15-Feb-16		◆ Start of Construction of Milli...											
IA-08	Finish of Construction of Milling Area from Station 1+680 to Station 2+191	0.00		01-Mar-16	◆ Finish of Construction of Mill...											
IA-09	Start of Construction Area from Station 0+000 to Station 1+680	0.00	22-Dec-15		◆ Start of Construction Area fro...											
IA-10	Finish of Construction Area from Station 0+000 to Station 1+680	0.00		23-Apr-16	◆ Finish of Construction Area fr...											
<b>PreConstruction Phase</b>					28-Dec-15, PreConstruction Pha...											
<b>Mobilization</b>					07-Nov-15, Mobilization											
MOB0000	Receive Conformed Documents	1.00	11-Oct-15	11-Oct-15	Receive Conformed Documents											
MOB1000	Pre-Construction Dilapidation Survey	2.00	14-Oct-15	15-Oct-15	Pre-Construction Dilapidation ...											
MOB1010	Provide, furnish and erect Temporary Project Signs	1.00	04-Nov-15	04-Nov-15	Provide, furnish and erect Tem...											
MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	3.00	01-Nov-15	04-Nov-15	Supply and furnish Field Offic...											
MOB1030	Supply and install Field Office Computer Systems and IT Equipments	4.00	03-Nov-15	07-Nov-15	Supply and install Field Offic...											
MOB1040	Arrange for and erect Contractor's work and Storage Yards	15.00	10-Oct-15	26-Oct-15	Arrange for and erect Contract...											
MOB1060	Post OSHA-required notices and establish safety programs	4.00	27-Oct-15	31-Oct-15	Post OSHA-required notices and...											
MOB1070	Installation of Temporary Facilities as per section 01500	2.00	04-Nov-15	05-Nov-15	Installation of Temporary Faci...											
MOB1080	Survey Work	7.00	14-Oct-15	21-Oct-15	Survey Work											
MOB1090	Mobilization Summary	25.00	10-Oct-15	07-Nov-15	Mobilization Summary											
<b>PreConstruction Submittals</b>					17-Dec-15, PreConstruction Sub...											
PC-SUB-010	Preparation & Submit Copy of Bank Guarantee Certificates (for record)	3.00	10-Oct-15	12-Oct-15	Preparation & Submit Copy of B...											
PC-SUB-020	Review & Approval of Bank Guarantee Certificates (for record)	21.00	13-Oct-15	10-Nov-15	Review & Approval of Bank Guar...											
PC-SUB-030	Preparation & Submit Scheduling Qualification Submittal	3.00	10-Oct-15	12-Oct-15*	Preparation & Submit Scheduling...											
PC-SUB-040	Review & Approval of Scheduling Qualification Submittal	21.00	13-Oct-15	10-Nov-15	Review & Approval of Scheduling...											
PC-SUB-050	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	4.00	13-Oct-15	17-Oct-15*	Preparation & Submit Prelimina...											
PC-SUB-060	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21.00	18-Oct-15	16-Nov-15	Review & Approval of Prelimina...											
PC-SUB-070	Preparation & Submit Submittals Schedule	10.00	10-Oct-15	20-Oct-15	Preparation & Submit Submittal...											
PC-SUB-080	Review & Approval of Submittals Schedule	21.00	21-Oct-15	19-Nov-15	Review & Approval of Submittal...											
PC-SUB-090	Preparation & Submit Key Staff	10.00	19-Oct-15	29-Oct-15	Preparation & Submit Key Staff											
PC-SUB-100	Review & Approval of Key Staff	21.00	01-Nov-15	30-Nov-15	Review & Approval of Key Staff											
PC-SUB-110	Preparation & Submit Project Temporary Signs	1.00	10-Oct-15	10-Oct-15	Preparation & Submit Project T...											
PC-SUB-120	Review & Approval of Project Temporary Signs	18.00	11-Oct-15	03-Nov-15	Review & Approval of Project T...											
PC-SUB-130	Preparation & Submit Engineer's Field Office Location and Layout	3.00	10-Oct-15	12-Oct-15	Preparation & Submit Engineer'...											
PC-SUB-140	Review & Approval of Engineer's Field Office Location and Layout	16.00	13-Oct-15	03-Nov-15	Review & Approval of Engineer'...											
PC-SUB-150	Preparation & Submit Field Office Furniture and Equipment Plan	3.00	11-Oct-15	14-Oct-15	Preparation & Submit Field Off...											
PC-SUB-160	Review & Approval of Field Office Furniture and Equipment Plan	12.00	14-Oct-15	01-Nov-15	Review & Approval of Field Off...											
PC-SUB-170	Preparation & Submit Field Office Computer Systems and Miscellaneous	2.00	10-Oct-15	11-Oct-15	Preparation & Submit Field Off...											
PC-SUB-180	Review & Approval of Field Office Computer Systems and Miscellaneous	16.00	12-Oct-15	02-Nov-15	Review & Approval of Field Off...											

█ Actual Work   
 █ Critical Remaining Work   
 ▬ Summary  
█ Remaining Work   
 ◆ Milestone



Activity ID	Activity Name	Original Duration	Start	Finish	2016																		
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
PC-SUB-190	Preparation & Submit Quality Control Plan	20.00	10-Oct-15	01-Nov-15*				█															
PC-SUB-200	Review & Approval of Quality Control Plan	21.00	02-Nov-15	01-Dec-15				█															
PC-SUB-210	Preparation & Submit Safety Plan	10.00	10-Oct-15	20-Oct-15*			█																
PC-SUB-220	Review & Approval of Safety Plan	21.00	21-Oct-15	19-Nov-15			█																
PC-SUB-230	Preparation & Submit Environmental Monitoring and Mitigation Plan	10.00	10-Oct-15	20-Oct-15*			█																
PC-SUB-240	Review & Approval of Environmental Monitoring and Mitigation Plan	21.00	21-Oct-15	19-Nov-15			█																
PC-SUB-250	Preparation & Submit General Construction Method Statement	20.00	13-Oct-15	04-Nov-15			█																
PC-SUB-260	Review & Approval of General Construction Method Statement	21.00	05-Nov-15	06-Dec-15			█																
PC-SUB-270	Preparation & Submit Original CPM Construction Schedule	21.00	13-Oct-15	05-Nov-15*			█																
PC-SUB-280	Review & Approval of Original CPM Construction Schedule	21.00	17-Nov-15	15-Dec-15			█																
PC-SUB-290	Preparation & Submit Construction Risk Management Program	15.00	10-Oct-15	26-Oct-15			█																
PC-SUB-300	Review & Approval of Construction Risk Management Program	21.00	27-Oct-15	25-Nov-15			█																
PC-SUB-310	Preparation & Submit Dilapidation Survey	10.00	17-Oct-15	27-Oct-15			█																
PC-SUB-320	Review & Approval of Dilapidation Survey	21.00	28-Oct-15	26-Nov-15			█																
PC-SUB-330	Preparation & Submit of Testing Lab C.V	5.00	10-Oct-15	14-Oct-15			█																
PC-SUB-340	Review & Approval of Testing Lab C.V	21.00	15-Oct-15	12-Nov-15			█																
PC-SUB-350	Preparation & Submit Insurances (for record)	4.00	10-Oct-15	13-Oct-15			█																
PC-SUB-360	Review & Approval of Insurances (for record)	21.00	14-Oct-15	11-Nov-15			█																
PC-SUB-370	Preparation & Submit Lists of Permits and Licenses	4.00	10-Oct-15	13-Oct-15			█																
PC-SUB-380	Review & Approval of Lists of Permits and Licenses	21.00	14-Oct-15	11-Nov-15			█																
PC-SUB-390	Preparation & Submit Dumping Site	15.00	14-Oct-15	31-Oct-15			█																
PC-SUB-400	Review & Approval of Dumping Site	21.00	01-Nov-15	30-Nov-15			█																
PC-SUB-410	Preparation & Submit Storage Yard	15.00	01-Nov-15	18-Nov-15			█																
PC-SUB-420	Review & Approval of Storage Yard	21.00	19-Nov-15	17-Dec-15			█																
<b>Traffic Control Plan, Coordination and Permits</b>																							
PC-SUB-1000	Preparation & Submit Traffic Control Plan for Road Segment from Station 1+680 to Station 2+191 ( Area A)	7.00	21-Oct-15	28-Oct-15																			
PC-SUB-1010	Review & Approval of Traffic Control Plan for Road Segment from Station 1+680 to Station 2+191 ( Area A)	21.00	29-Oct-15	29-Nov-15																			
PC-SUB-1015	Coordination with the COGAT and DCL to obtain all the necessary approvals inclusive of traffic plans (Area C)	45.00	09-Oct-15	22-Nov-15																			
PC-SUB-1020	Preparation & Submit Traffic Control Plan for Road Segment from Station 0+000 to Station 0+460 ( Area C)	8.00	10-Oct-15	18-Oct-15																			
PC-SUB-1030	Review & Approval of Traffic Control Plan for Road Segment from Station 0+000 to Station 0+460 ( Area C)	21.00	23-Nov-15	21-Dec-15																			
PC-SUB-1035	Preparation & Submit Traffic Control Plan for Road Segment from Station 0+460 to Station 1+680 ( Area C)	5.00	23-Nov-15	28-Nov-15																			
PC-SUB-1037	Review & Approval of Traffic Control Plan for Road Segment from Station 0+460 to Station 1+680 ( Area C)	21.00	29-Nov-15	28-Dec-15																			
PC-SUB-1040	Coordination with JDECO for relocation of Underground Medium Voltage Cables	18.00	09-Oct-15	26-Oct-15																			
PC-SUB-1050	Preparation and Submission of Vetting Request for JDECO Company	14.00	27-Oct-15	09-Nov-15																			
PC-SUB-1060	Receive eligible letter for JDECO Company	21.00	10-Nov-15	30-Nov-15																			
PC-SUB-1070	Sign agreement with JDECO Company for relocation of Underground Medium Voltage Cables	9.00	01-Dec-15	09-Dec-15																			
<b>Construction Phase</b>																							
<b>Construction Submittals</b>																							
<b>Shopdrawing submittals</b>																							
<b>Water Pipeline Shopdrawing</b>																							
<b>3" Pipes</b>																							
CS-SH-W-03	Prep. & Sub. Shop drawing for 3" Steel pipeline	10.00	17-Dec-15	29-Dec-15																			
CS-SH-W-04	Review & Approval of Shop drawing for 3" Steel pipeline	21.00	30-Dec-15	28-Jan-16																			
<b>Chambers Shopdrawing</b>																							
<b>Gate Valve Chambers</b>																							
CS-SH-W-31	Prep. & Sub. Shop drawing for DN 75 mm PN16 flanged Gate Valve Chamber	5.00	30-Dec-15	09-Jan-16																			
CS-SH-W-32	Review & Approval of Shop drawing for DN 75 mm PN16 flanged Gate Valve Chamber	21.00	10-Jan-16	07-Feb-16																			
<b>AVAR Chambers</b>																							

█ Actual Work   
 █ Critical Remaining Work   
 ▬ Summary  
█ Remaining Work   
 ◆ Milestone



Activity ID	Activity Name	Original Duration	Start	Finish	2016																				
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
CS-SH-W-25	Prep. & Sub. Shop drawing for DN 50 mm PN16 Combination Air Valve chamber	5.00	30-Dec-15	09-Jan-16																					
CS-SH-W-30	Review & Approval of Shop drawing for DN 50 mm PN16 Combination Air Valve chamber	21.00	10-Jan-16	07-Feb-16																					
<b>Road Shopdrawing (Plan, Profile and Cross section)</b>																									
<b>Road Segment from Station 1+680 to Station 2+191 ( Area A) - Plan, Profile and Cross section</b>																									
CS-SH-W-05	Prep. & Sub. Shop drawing for Road Segment from Station 1+680 to Station 2+191 ( Area A)	4.00	09-Jan-16	14-Jan-16																					
CS-SH-W-06	Review & Approval of Shop drawing for Road Segment from Station 1+680 to Station 2+191 ( Area A)	21.00	17-Jan-16	14-Feb-16																					
<b>Road Segment from Station 0+000 to Station 1+680 ( Area C) - Plan, Profile and Cross section</b>																									
CS-SH-W-07	Prep. & Sub. Shop drawing for Road Segment from station 0+000 to station 0+200	5.00	25-Oct-15	29-Oct-15																					
CS-SH-W-08	Review & Approval of Shop drawing for Road Segment from station 0+000 to station 0+200	21.00	01-Nov-15	30-Nov-15																					
CS-SH-W-08a	Prep. & Sub. Shop drawing for Road Segment from station 0+200 to station 0+450	5.00	31-Oct-15	04-Nov-15																					
CS-SH-W-08b	Review & Approval of Shop drawing for Road Segment from station 0+200 to station 0+450	21.00	05-Nov-15	06-Dec-15																					
CS-SH-W-09	Prep. & Sub. Shop drawing for Road Segment from station 0+450 to station 0+900	15.00	31-Oct-15	17-Nov-15																					
CS-SH-W-10	Review & Approval of Shop drawing for Road Segment from station 0+450 to station 0+900	21.00	18-Nov-15	16-Dec-15																					
CS-SH-W-455	Prep. & Sub. Shop drawing for Road Segment B from station B0+000 to station B0+103	15.00	31-Oct-15	17-Nov-15																					
CS-SH-W-460	Review & Approval of Shop drawing for Road Segment from station B0+000 to station B0+103	21.00	18-Nov-15	16-Dec-15																					
CS-SH-W-470	Prep. & Sub. Shop drawing for Road Segment A from station A0+000 to station A0+160	15.00	31-Oct-15	17-Nov-15																					
CS-SH-W-480	Review & Approval of Shop drawing for Road Segment A from station A0+000 to station A0+160	21.00	18-Nov-15	16-Dec-15																					
CS-SH-W-490	Prep. & Sub. Shop drawing for Road Segment from station 0+900 to station 1+680	15.00	18-Nov-15	06-Dec-15																					
CS-SH-W-500	Review & Approval of Shop drawing for Road Segment from station 0+900 to station 1+680	21.00	07-Dec-15	06-Jan-16																					
<b>Concrete Wall</b>																									
CS-SH-W-065	Prep. & Sub. Shop drawing for Retaining Wall from station 0+013 to Station 0+087	5.00	31-Oct-15	04-Nov-15																					
CS-SH-W-070	Review & Approval of Shop drawing for Retaining Wall from station 0+013 to Station 0+087	21.00	05-Nov-15	06-Dec-15																					
CS-SH-W-180	Prep. & Sub. Shop drawing for Retaining Wall from station 0+420 to Station 0+461	5.00	05-Nov-15	10-Nov-15																					
CS-SH-W-190	Review & Approval of Shop drawing for Retaining Wall from station 0+420 to Station 0+461	21.00	11-Nov-15	10-Dec-15																					
CS-SH-W-240	Prep. & Sub. Shop drawing for Retaining Wall from station S0+014 to Station S0+049 RHS	5.00	18-Nov-15	23-Nov-15																					
CS-SH-W-250	Review & Approval of Shop drawing for Retaining Wall from station S0+014 to Station S0+049 RHS	21.00	24-Nov-15	22-Dec-15																					
CS-SH-W-300	Prep. & Sub. Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS	5.00	24-Nov-15	29-Nov-15																					
CS-SH-W-310	Review & Approval of Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS	21.00	30-Nov-15	29-Dec-15																					
CS-SH-W-340	Prep. & Sub. Shop drawing for Retaining Wall from station 1+010 to Station 1+049	5.00	18-Nov-15	23-Nov-15																					
CS-SH-W-350	Review & Approval of Shop drawing for Retaining Wall from station 1+010 to Station 1+049	21.00	24-Nov-15	22-Dec-15																					
<b>Pipe Culvert</b>																									
CS-SH-W-155	Prep. & Sub. Shop drawing for Pipe Culvert at Station 0+720	5.00	18-Nov-15	23-Nov-15																					
CS-SH-W-160	Review & Approval of Shop drawing for Pipe Culvert at Station 0+720	21.00	24-Nov-15	22-Dec-15																					
CS-SH-W-165	Prep. & Sub. Shop drawing for Pipe Culvert at Station 0+953	5.00	24-Nov-15	29-Nov-15																					
CS-SH-W-170	Review & Approval of Shop drawing for for Pipe Culvert at Station 0+953	21.00	30-Nov-15	29-Dec-15																					
CS-SH-W-440	Prep. & Sub. Shop drawing for Pipe Culvert at Station 1+166	5.00	30-Nov-15	06-Dec-15																					
CS-SH-W-450	Review & Approval of Shop drawing for for Pipe Culvert at Station 1+166	21.00	07-Dec-15	06-Jan-16																					
<b>Storm water Drainage Pipes</b>																									
CS-SH-W-125	Prep. & Sub. Shop drawing for Storm water Drainage Pipes from station A 0+083 to Station 0+469	10.00	25-Oct-15	04-Nov-15																					
CS-SH-W-130	Review & Approval of Shop drawing for Storm water Drainage Pipes from station A 0+083 to Station 0+469	21.00	05-Nov-15	06-Dec-15																					
<b>Road Furniture</b>																									
CS-SH-510	Prep. & Sub. Shop drawing for Street Lighting Poles	10.00	09-Jan-16	21-Jan-16																					
CS-SH-520	Review & Approval of Shop drawing for Street Lighting Poles	21.00	24-Jan-16	21-Feb-16																					
CS-SH-530	Prep. & Sub. Shop drawing for Road Marking and Furniture	10.00	09-Jan-16	21-Jan-16																					
CS-SH-540	Review & Approval of Shop drawing for Road Marking and Furniture	21.00	24-Jan-16	21-Feb-16																					
<b>Material Submittals</b>																									
<b>Mechanical Material Submittals</b>																									
MMS-SUB-1000	Prep. & Sub. Dismantling joints	5.00	25-Oct-15	29-Oct-15																					

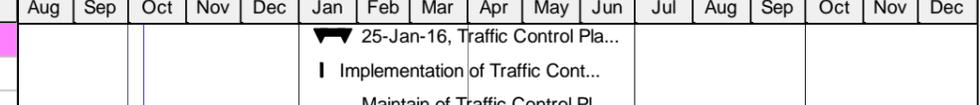
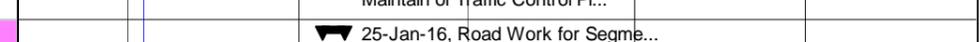
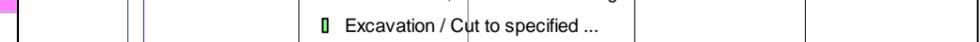
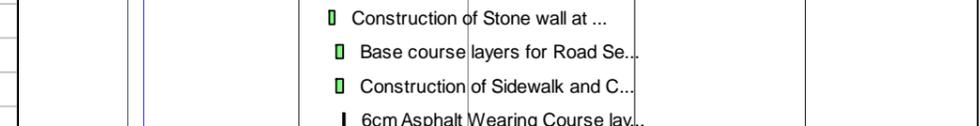
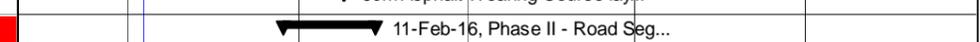
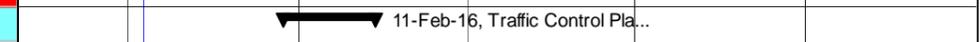
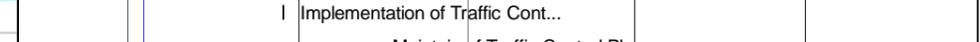
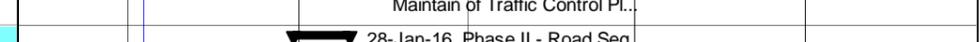
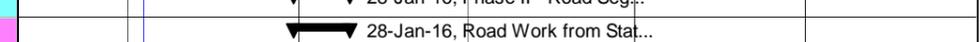
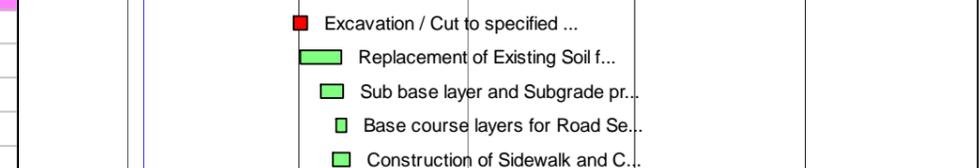
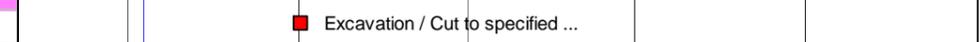
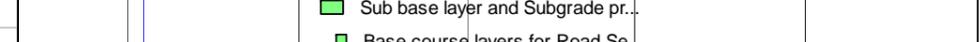
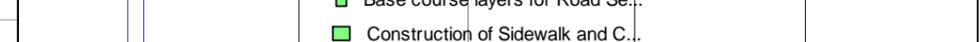
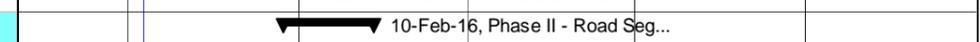
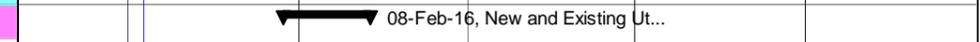
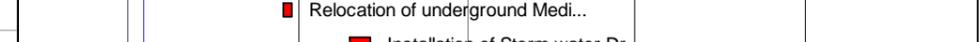
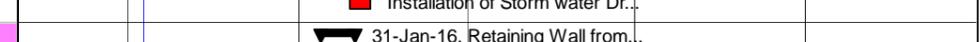
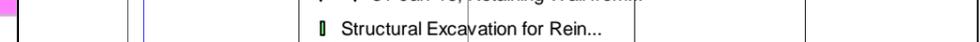
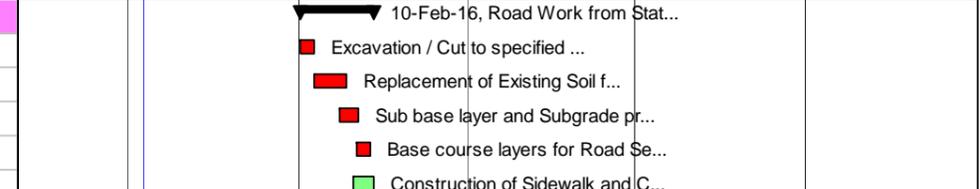
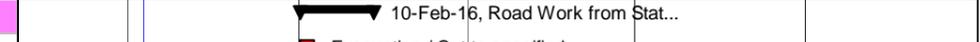
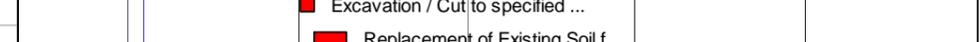
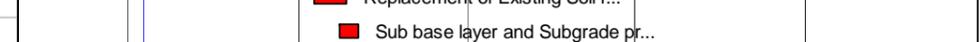
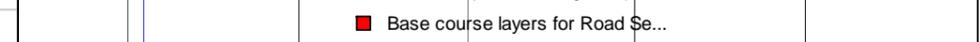
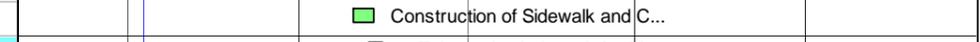
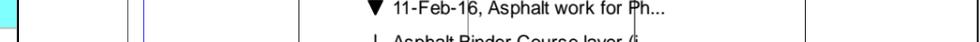
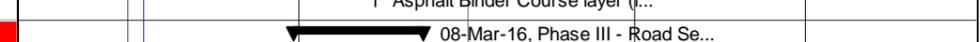
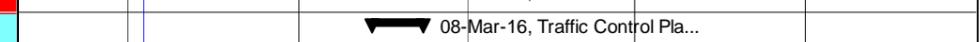
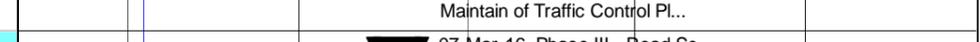
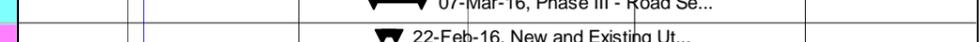
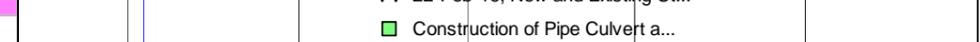
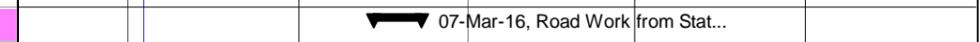
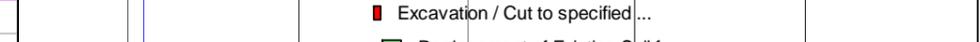
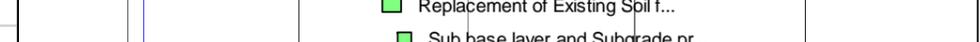
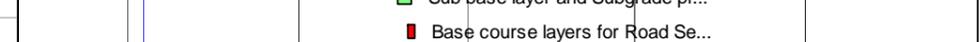
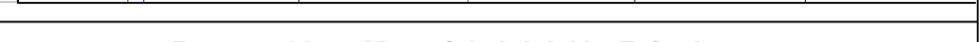
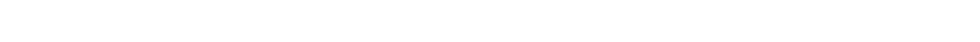
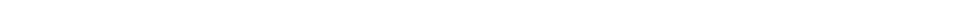
█ Actual Work    
 █ Critical Remaining Work    
 ▼ Summary  
█ Remaining Work    
 ◆ Milestone





Activity ID	Activity Name	Original Duration	Start	Finish	2016																		
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CMS-SUB-1311	Prep. & Sub. Asphalt Mix Design - Wearing Course	7.00	30-Nov-15	08-Dec-15																			
CMS-SUB-1312	Review & Approval of Asphalt Mix Design - Wearing Course	21.00	09-Dec-15	10-Jan-16																			
CMS-SUB-1322	Prep. & Sub. Catch basin	7.00	21-Oct-15	28-Oct-15																			
CMS-SUB-1332	Review & Approval of Catch basin	21.00	29-Oct-15	29-Nov-15																			
CMS-SUB-1342	Prep. & Sub. Hand Rail	7.00	29-Nov-15	07-Dec-15																			
CMS-SUB-1352	Review & Approval of Hand Rail	21.00	08-Dec-15	07-Jan-16																			
CMS-SUB-1362	Prep. & Sub. Cat eyes	7.00	08-Dec-15	17-Dec-15																			
CMS-SUB-1372	Review & Approval of Cat eyes	21.00	20-Dec-15	19-Jan-16																			
CMS-SUB-1520	Prep. & Sub. Identification Tape	5.00	25-Oct-15	29-Oct-15																			
CMS-SUB-1530	Review & Approval of Identification Tape	21.00	01-Nov-15	30-Nov-15																			
CMS-SUB-1540	Prep. & Sub. Interlock Tiles	7.00	25-Nov-15	03-Dec-15																			
CMS-SUB-1550	Review & Approval of Interlock Tiles	21.00	06-Dec-15	05-Jan-16																			
CMS-SUB-1560	Prep. & Sub. Landscaping Materials	7.00	06-Jan-16	17-Jan-16																			
CMS-SUB-1570	Review & Approval of Landscaping Materials	21.00	18-Jan-16	15-Feb-16																			
<b>Electrical Material Submittals</b>																							
EMS-SUB-1322	Prep. & Sub. Lighting Poles	7.00	18-Nov-15	25-Nov-15																			
EMS-SUB-1332	Review & Approval of Lighting Poles	21.00	26-Nov-15	27-Dec-15																			
<b>Method Statement</b>																							
MS-SUB-1040	Prep. & Sub. Concrete Repair Method Statement	5.00	05-Nov-15	10-Nov-15																			
MS-SUB-1050	Review & Approval of Concrete Repair Method Statement	21.00	11-Nov-15	10-Dec-15																			
MS-SUB-1060	Prep. & Sub. Storm water Pipe installation Method Statement	5.00	05-Nov-15	10-Nov-15																			
MS-SUB-1070	Review & Approval of Storm water Pipe installation Method Statement	21.00	11-Nov-15	10-Dec-15																			
<b>Procurement</b>																							
PRO-1000	Order and delivery of 3" Steel Pipes	60.00	24-Nov-15	15-Feb-16																			
PRO-1010	Order and Delivery of Mechanical Fittings	50.00	12-Dec-15	22-Feb-16																			
PRO-1020	Order and Delivery of Storm water Drainage Pipes	30.00	21-Nov-15	29-Dec-15																			
PRO-1030	Order and Delivery of Street Lighting Poles	40.00	28-Dec-15	23-Feb-16																			
<b>Execution</b>																							
<b>Road Segment from Station 0+000 to Station 1+680 ( Area C)</b>																							
<b>Traffic Control Plan Area C</b>																							
E-C-100	Implementation of Traffic Control Plan - Road Segment from Station 0+000 to Station 1+680 ( Area C)	1.00	22-Dec-15	22-Dec-15																			
E-C-105	Maintain of Traffic Control Plan and Safety - Road Segment from Station 0+000 to Station 1+680 ( Area C)	93.00	23-Dec-15	23-Apr-16																			
<b>Phase I - Road Segment from Station 0+000 to Station 0+200 and Segment B</b>																							
<b>Phase I-A - Construction of Road Segment from Station 0+000 to Station 0+200</b>																							
<b>Traffic Control Plan and Safety Measures</b>																							
E-Ph-I-A-1090	Implementation of Traffic Control Plan - Close Road from Sta. 0+000 to Sta. 0+200 and use Segment B as a detour	1.00	22-Dec-15	22-Dec-15																			
E-Ph-I-A-1100	Maintain of Traffic Control Plan and Safety - Close Road from Sta. 0+000 to Sta. 0+200 and use Segment B as a detour	21.00	23-Dec-15	24-Jan-16																			
<b>Retaining Wall from Station 0+000 to Station 0+087</b>																							
E-Ph-I-A-0990	Structural Excavation for Retaining Wall	2.00	23-Dec-15	26-Dec-15																			
E-Ph-I-A-1000	Construction of Reinforced Concrete Wall from Station 0+013 to Station 0+058 (including Backfilling)	15.00	27-Dec-15	19-Jan-16																			
E-Ph-I-A-1010	Construction of Reinforced Concrete Wall from Station 0+058 to Station 0+087 (including Backfilling)	9.00	27-Dec-15	12-Jan-16																			
<b>Road Work from Station 0+000 to Station 0+200</b>																							
E-Ph-I-A-1060	Excavation / Cut to specified level for Road Segment from Station 0+000 to Station 0+200	3.00	23-Dec-15	27-Dec-15																			
E-Ph-I-A-1070	Soil Replacement for Road Segment from Station 0+100 to Station 0+195	6.00	28-Dec-15	06-Jan-16																			
E-Ph-I-A-1080	Base course layers for Road Segment from Station 0+000 to Station 0+200	2.00	09-Jan-16	12-Jan-16																			
E-Ph-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	3.00	20-Jan-16	23-Jan-16																			
E-Ph-I-A-1095	6cm Asphalt Wearing Course layer (including MC) for road segment from Station 0+000 to Station 0+200	1.00	24-Jan-16	24-Jan-16																			
<b>Phase I-B - Construction of Road Segment B</b>																							

█ Actual Work   
 █ Critical Remaining Work   
 ▾ Summary  
█ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Start	Finish	2016											
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
<b>Traffic Control Plan and Safety Measures</b>																
E-PH-I-B-1060	Implementation of Traffic Control Plan for Segment B and use Road from Sta. 0+000 to Sta. 0+200 as a detour as required	1.00	13-Jan-16	13-Jan-16												
E-PH-I-B-1070	Maintain of Traffic Control Plan for Segment B and use Road from Sta. 0+000 to Sta. 0+200 as a detour as required	10.00	14-Jan-16	25-Jan-16												
<b>Road Work for Segment B from Station B0+000 to Station B0+103</b>																
E-PH-I-B-1080	Excavation / Cut to specified level for Road Segment B from Station B0+000 to Station B0+103	2.00	14-Jan-16	16-Jan-16												
E-PH-I-B-1090	Construction of Stone wall at Segment B	4.00	17-Jan-16	20-Jan-16												
E-PH-I-B-1100	Base course layers for Road Segment B from Station B0+000 to Station B0+103	3.00	21-Jan-16	24-Jan-16												
E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0+103	3.00	21-Jan-16	24-Jan-16												
E-PH-I-B-1120	6cm Asphalt Wearing Course layer (including MC) for road segment B from Station B0+000 to Station B0+103	1.00	25-Jan-16	25-Jan-16												
<b>Phase II - Road Segment from Station A0+000 to Station 0+480</b>																
<b>Traffic Control Plan and Safety Measures</b>																
E-PH-II-1040	Implementation of Traffic Control Plan - Phase II	1.00	23-Dec-15	23-Dec-15												
E-PH-II-1050	Maintain of Traffic Control Plan and Safety - Phase II	34.00	26-Dec-15	11-Feb-16												
<b>Phase II - Road Segment from Station A0+000 to Station 0+480 - LHS</b>																
<b>Road Work from Station A0+000 to Station 0+480 - LHS</b>																
E-PH-II-L-1000	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 LHS	4.00	29-Dec-15	05-Jan-16												
E-PH-II-L-1010	Replacement of Existing Soil from Station A0+000 to Station 0+340 LHS	14.00	02-Jan-16	23-Jan-16												
E-PH-II-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 LHS	10.00	13-Jan-16	24-Jan-16												
E-PH-II-L-1030	Base course layers for Road Segment from Station A0+000 to Station 0+480 LHS	5.00	21-Jan-16	26-Jan-16												
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	9.00	19-Jan-16	28-Jan-16												
<b>Phase II - Road Segment from Station A0+000 to Station 0+480 - RHS</b>																
<b>New and Existing Utilities</b>																
E-PH-II-R-1000	Relocation of underground Medium Voltage Cables by JDECO - RHS	4.00	23-Dec-15	28-Dec-15												
E-PH-II-R-1010	Installation of Storm water Drainage Pipes from station A 0+083 to Station 0+469 - RHS	8.00	28-Jan-16	08-Feb-16												
<b>Retaining Wall from Station 0+420 to Station 0+461 - RHS</b>																
E-PH-II-R-1045	Structural Excavation for Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS	2.00	13-Jan-16	14-Jan-16												
E-PH-II-R-1050	Construction of Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS (including Backfilling)	14.00	16-Jan-16	31-Jan-16												
<b>Road Work from Station A0+000 to Station 0+480 - RHS</b>																
E-PH-II-R-1020	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 RHS	4.00	02-Jan-16	09-Jan-16												
E-PH-II-R-1025	Replacement of Existing Soil from Station A0+000 to Station 0+340 RHS	14.00	09-Jan-16	26-Jan-16												
E-PH-II-R-1030	Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 RHS	10.00	23-Jan-16	02-Feb-16												
E-PH-II-R-1040	Base course layers for Road Segment from Station A0+000 to Station 0+480 RHS	5.00	01-Feb-16	08-Feb-16												
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	9.00	30-Jan-16	10-Feb-16												
<b>Asphalt work for Phase II - Road Segment from Station A0+000 to Station 0+480</b>																
E-AS-1020	Asphalt Binder Course layer (including MC) for road segment from Station A0+000 to Station 0+480	1.00	11-Feb-16	11-Feb-16												
<b>Phase III - Road Segment from Station 0+480 to Station 0+880</b>																
<b>Traffic Control Plan and Safety Measures - from Station 0+480 to Station 0+880</b>																
E-PH-III-1050	Implementation of Traffic Control Plan - Phase III	1.00	09-Feb-16	09-Feb-16												
E-PH-III-1060	Maintain of Traffic Control Plan and Safety - Phase III	22.00	10-Feb-16	08-Mar-16												
<b>Phase III - Road Segment from 0+480 to Station 0+880 - LHS</b>																
<b>New and Existing Utilities</b>																
E-PH-III-L-1085	Construction of Pipe Culvert at Station 0+720 500mm length 12 m - LHS	5.00	15-Feb-16	22-Feb-16												
<b>Road Work from Station 0+480 to Station 0+880 - LHS</b>																
E-PH-III-L-1000	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 LHS	4.00	10-Feb-16	14-Feb-16												
E-PH-III-L-1010	Replacement of Existing Soil from Station 0+536 to Station 0+880 LHS	8.00	15-Feb-16	25-Feb-16												
E-PH-III-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 LHS	7.00	23-Feb-16	01-Mar-16												
E-PH-III-L-1030	Base course layers for Road Segment from Station 0+480 to Station 0+880 LHS	4.00	29-Feb-16	03-Mar-16												
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	3.00	05-Mar-16	07-Mar-16												

 Actual Work   
  Critical Remaining Work   
  Summary  
 Remaining Work   
  Milestone



**TO-15-11-RAF - Ramallah - Rafat (Southern Entrance) Road**



27-Dec-15 10:40  
09-Oct-15

Activity ID	Activity Name	Original Duration	Start	Finish	2016																													
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec													
E-PH-IV-R-10	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	10.00	16-Mar-16	27-Mar-16									█	Construction of Sidewalk and C...																				
<b>Asphalt work for Phase IV - Road Segment from 0+880 to Station 1+080</b>																																		
E-AS-1035	Asphalt Binder Course layer (including MC) for road segment from Station 0+880 to Station 1+080	1.00	05-Apr-16	05-Apr-16																														
<b>Phase V - Road Segment from Station 1+080 to Station 1+680</b>																																		
<b>Traffic Control Plan and Safety Measures - from Station 1+080 to Station 1+680</b>																																		
E-PH-V-1050	Implementation of Traffic Control Plan - Phase V	1.00	26-Mar-16	26-Mar-16																														
E-PH-V-1060	Maintain of Traffic Control Plan and Safety - Phase V	18.00	27-Mar-16	17-Apr-16																														
<b>Phase V - Road Segment from Station 1+080 to Station 1+680 - LHS</b>																																		
<b>Pipe Culvert</b>																																		
E-PH-V-L-1070	Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - LHS	4.00	30-Mar-16	03-Apr-16																														
<b>Road Work from Station 1+080 to Station 1+680 - LHS</b>																																		
E-PH-V-L-1000	Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 LHS	4.00	27-Mar-16	30-Mar-16																														
E-PH-V-L-1010	Replacement of Existing Soil from Station 1+189 to Station 1+317 LHS	6.00	29-Mar-16	04-Apr-16																														
E-PH-V-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station 1+080 to Station 1+680 LHS	9.00	31-Mar-16	10-Apr-16																														
E-PH-V-L-1030	Base course layers for Road Segment from Station 1+080 to Station 1+680 LHS	6.00	05-Apr-16	11-Apr-16																														
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	8.00	04-Apr-16	13-Apr-16																														
<b>Phase V - Road Segment from Station 1+080 to Station 1+680 - RHS</b>																																		
<b>Pipe Culvert</b>																																		
E-PH-V-R-1100	Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - RHS	5.00	04-Apr-16	09-Apr-16																														
<b>New and Existing Utilities</b>																																		
E-PH-V-R-1060	Relocation of underground Medium Voltage Cables by JDECO - RHS	9.00	24-Jan-16	02-Feb-16																														
E-PH-V-R-1070	Excavation, Bedding, Installation and Backfilling of 3" steel pipes from station 1+080 to Station 1+680 RHS	10.00	04-Apr-16	16-Apr-16																														
<b>Road Work from Station 1+080 to Station 1+680 - RHS</b>																																		
E-PH-V-R-1000	Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 RHS	4.00	29-Mar-16	02-Apr-16																														
E-PH-V-R-1010	Replacement of Existing Soil from Station 1+189 to Station 1+317 RHS	6.00	02-Apr-16	07-Apr-16																														
E-PH-V-R-1020	Sub base layer and Subgrade preparation for Road Segment from Station 1+080 to Station 1+680 RHS	9.00	04-Apr-16	14-Apr-16																														
E-PH-V-R-1030	Base course layers for Road Segment from Station 1+080 to Station 1+680 RHS	5.00	10-Apr-16	16-Apr-16																														
<b>Asphalt work for Phase V - Road Segment from Station 1+080 to Station 1+680</b>																																		
E-AS-1045	Asphalt Binder Course layer (including MC) for road segment from Station 1+080 to Station 1+680	1.00	17-Apr-16	17-Apr-16																														
<b>Asphalt work and Road Furniture</b>																																		
<b>Asphalt Work for Road Segment from Station 0+000 to Station 480</b>																																		
E-AS-1030	Asphalt Wearing Course layer (including RC) for road segment from Station A0+000 to Station 0+480	1.00	13-Feb-16	13-Feb-16																														
<b>Asphalt Work for Road Segment from Station 0+480 to Station 0+880</b>																																		
E-AS-1010	Asphalt Wearing Course layer (including RC) for road segment from Station 0+480 to Station 0+880	1.00	09-Mar-16	09-Mar-16																														
<b>Asphalt Work for Road Segment from Station 0+880 to Station 1+080</b>																																		
E-AS-1040	Asphalt Wearing Course layer (including RC) for road segment from Station 0+880 to Station 1+080	1.00	06-Apr-16	06-Apr-16																														
<b>Asphalt Work for Road Segment from Station 1+080 to Station 1+680</b>																																		
E-AS-1050	Asphalt Wearing Course layer (including RC) for road segment from Station 1+080 to Station 1+680	1.00	18-Apr-16	18-Apr-16																														
<b>Road Furniture</b>																																		
E-195	Road Marking	3.00	19-Apr-16	21-Apr-16																														
E-200	Installation of Traffic Signs	4.00	19-Apr-16	23-Apr-16																														
E-205	Installation of Steel guard Rail	6.00	19-Apr-16	25-Apr-16																														
E-210	Installation of Steel Handrail for Pedestrians	3.00	19-Apr-16	21-Apr-16																														
E-225	Landscaping	3.00	19-Apr-16	21-Apr-16																														
E-240	Installation of Street Lighting	8.00	05-Apr-16	14-Apr-16																														
<b>Mechanical Installation and Testing</b>																																		
E-100	Construction of Gate Valves	15.00	21-Mar-16	06-Apr-16																														
E-110	Construction of Air Release Valves	5.00	21-Mar-16	26-Mar-16																														

█ Actual Work     
 █ Critical Remaining Work     
 ▼ Summary  
█ Remaining Work     
 ◆ Milestone

TO-15-11-RAF - Ramallah - Rafat (Southern Entrance)  
Road



27-Dec-15 10:40  
09-Oct-15

Activity ID	Activity Name	Original Duration	Start	Finish	2016																			
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
E-125	Mechanical valves Installation	4.00	27-Mar-16	30-Mar-16																				
E-135	Water Pipe line Testing	2.00	31-Mar-16	02-Apr-16																				
<b>Phase VI - Road Segment from Station 1+680 to Station 2+191 ( Area A) Milling and Overlay</b>																								
<b>Traffic Control Plan and Safety Measures</b>																								
E-PH-VI-1050	Implementation of Traffic Control Plan - Road Segment from Station 1+680 to Station 2+191 ( Area A)	2.00	13-Feb-16	14-Feb-16																				
E-PH-VI-1060	Maintain of Traffic Control Plan and Safety - Road Segment from Station 1+680 to Station 2+191 ( Area A)	12.00	15-Feb-16	01-Mar-16																				
<b>Asphalting – Milling &amp; Overlay</b>																								
E-PH-VI-1000	Milling of the existing road from Station 1+680 to Station 2+191 ( Area A)	2.00	15-Feb-16	16-Feb-16																				
E-PH-VI-1005	Replace defective areas in the existing road from Station 1+680 to Station 2+191 ( Area A)	5.00	17-Feb-16	24-Feb-16																				
E-PH-VI-1010	Asphalt Wearing Course Layer for Road Segment from Station 1+680 to Station 2+191 ( Area A)	2.00	25-Feb-16	27-Feb-16																				
E-PH-VI-1020	Paint existing Curb stone	3.00	28-Feb-16	01-Mar-16																				
E-PH-VI-1030	Concrete Pedestrian Stairs at Station 1+850	3.00	17-Feb-16	22-Feb-16																				
<b>Misc</b>																								
E-1000	Base-course for Temporary Detours	15.00	10-Feb-16	29-Feb-16																				
E-1010	Road Crossings (Sleeves) - 10" dia. Pipe	15.00	09-Feb-16	28-Feb-16																				
<b>Post Construction Phase</b>																								
A1000	Demobilization Summary	46.00	02-Mar-16	25-Apr-16																				
<b>Post Construction Submittals</b>																								
PCS-1000	Warranties	1.00	24-Apr-16	24-Apr-16																				
PCS-1010	Inspection and Handover - Final Acceptance Certificate	1.37	24-Apr-16	25-Apr-16																				
PCS-1020	Start Preparation of Final Report	1.00	24-Apr-16	24-Apr-16																				
PCS-1030	Operation and Maintenance O&M Manual	20.00	23-Feb-16	16-Mar-16																				
PCS-1040	Preliminary As-Built Drawings	1.00	24-Apr-16	24-Apr-16																				
PCS-1050	Release of Liens and Waiver of Debts and Claims letter	1.00	24-Apr-16	24-Apr-16																				
PCS-1060	Preparation of Final Payment	1.00	24-Apr-16	24-Apr-16																				
PCS-1070	Clearance Certificate from Local Authorities	1.00	24-Apr-16	24-Apr-16																				

■ Actual Work   
 ■ Critical Remaining Work   
  Summary  
■ Remaining Work   
 ◆ Milestone

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
A-1	Notice to Proceed (NTP)	0.00	0.00	0%	09-Oct-15*		09-Oct-15		0.00
IA-01	Start of Mobilization	0.00	0.00	0%	09-Oct-15		09-Oct-15		0.00
PC-SUB-1015	Coordination with the COGAT and DCL to obtain all the necessary approvals inclusive of traffic plans (Area C)	45.00	45.00	0%	09-Oct-15	22-Nov-15	09-Oct-15	22-Nov-15	0.00
IA-03	Start of Pre-Construction Submittals	0.00	0.00	0%	09-Oct-15		11-Oct-15		2.00
PC-SUB-1040	Coordination with JDECO for relocation of Underground Medium Voltage Cables	18.00	18.00	0%	09-Oct-15	26-Oct-15	28-Oct-15	14-Nov-15	19.00
IA-05	Start of Construction Submittals	0.00	0.00	0%	09-Oct-15		01-Nov-15		23.00
A-20	Project Duration	155.00	155.00	0%	10-Oct-15	25-Apr-16	10-Oct-15	25-Apr-16	0.00
MOB1090	Mobilization Summary	25.00	25.00	0%	10-Oct-15	07-Nov-15	10-Oct-15	08-Nov-15	1.00
PC-SUB-130	Preparation & Submit Engineer's Field Office Location and Layout	3.00	3.00	0%	10-Oct-15	12-Oct-15	11-Oct-15	13-Oct-15	1.00
PC-SUB-170	Preparation & Submit Field Office Computer Systems and Miscellaneous	2.00	2.00	0%	10-Oct-15	11-Oct-15	11-Oct-15	12-Oct-15	1.00
PC-SUB-030	Preparation & Submit Scheduling Qualification Submittal	3.00	3.00	0%	10-Oct-15	12-Oct-15*	11-Oct-15	14-Oct-15	1.75
PC-SUB-110	Preparation & Submit Project Temporary Signs	1.00	1.00	0%	10-Oct-15	10-Oct-15	12-Oct-15	12-Oct-15	2.00
MOB1040	Arrange for and erect Contractor's work and Storage Yards	15.00	15.00	0%	10-Oct-15	26-Oct-15	18-Oct-15	03-Nov-15	7.00
PC-SUB-190	Preparation & Submit Quality Control Plan	20.00	20.00	0%	10-Oct-15	01-Nov-15*	18-Oct-15	09-Nov-15	7.00
PC-SUB-370	Preparation & Submit Lists of Permits and Licenses	4.00	4.00	0%	10-Oct-15	13-Oct-15	27-Oct-15	31-Oct-15	15.00
PC-SUB-230	Preparation & Submit Environmental Monitoring and Mitigation Plan	10.00	10.00	0%	10-Oct-15	20-Oct-15*	27-Oct-15	08-Nov-15	15.63
PC-SUB-210	Preparation & Submit Safety Plan	10.00	10.00	0%	10-Oct-15	20-Oct-15*	28-Oct-15	08-Nov-15	16.00
MMS-SUB-108	Prep. & Sub. Storm water Drainage Pipes	10.00	10.00	0%	10-Oct-15	20-Oct-15	01-Nov-15	11-Nov-15	19.00
PC-SUB-1020	Preparation & Submit Traffic Control Plan for Road Segment from Station 0+000 to Station 0+460 (Area C)	8.00	8.00	0%	10-Oct-15	18-Oct-15	12-Nov-15	22-Nov-15	29.00
PC-SUB-290	Preparation & Submit Construction Risk Management System	15.00	15.00	0%	10-Oct-15	26-Oct-15	19-Nov-15	07-Dec-15	34.00
PC-SUB-070	Preparation & Submit Submittals Schedule	10.00	10.00	0%	10-Oct-15	20-Oct-15	25-Nov-15	07-Dec-15	39.00
PC-SUB-330	Preparation & Submit of Testing Lab C.V	5.00	5.00	0%	10-Oct-15	14-Oct-15	02-Dec-15	07-Dec-15	44.00
PC-SUB-350	Preparation & Submit Insurances (for record)	4.00	4.00	0%	10-Oct-15	13-Oct-15	03-Dec-15	07-Dec-15	45.00
PC-SUB-010	Preparation & Submit Copy of Bank Guarantee Certificates (for record)	3.00	3.00	0%	10-Oct-15	12-Oct-15	05-Dec-15	07-Dec-15	46.00
PC-SUB-120	Review & Approval of Project Temporary Signs	18.00	18.00	0%	11-Oct-15	03-Nov-15	13-Oct-15	05-Nov-15	2.00
MOB0000	Receive Conformed Documents	1.00	1.00	0%	11-Oct-15	11-Oct-15	24-Oct-15	24-Oct-15	11.00
PC-SUB-150	Preparation & Submit Field Office Furniture and Equipment Plan	3.00	3.00	0%	11-Oct-15	14-Oct-15	14-Oct-15	17-Oct-15	2.25
PC-SUB-180	Review & Approval of Field Office Computer Systems and Miscellaneous	16.00	16.00	0%	12-Oct-15	02-Nov-15	13-Oct-15	03-Nov-15	1.00
PC-SUB-050	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	4.00	4.00	0%	13-Oct-15	17-Oct-15*	14-Oct-15	19-Oct-15	1.75
PC-SUB-270	Preparation & Submit Original CPM Construction Schedule	21.00	21.00	0%	13-Oct-15	05-Nov-15*	14-Oct-15	08-Nov-15	1.88
PC-SUB-140	Review & Approval of Engineer's Field Office Location and Layout	16.00	16.00	0%	13-Oct-15	03-Nov-15	15-Oct-15	05-Nov-15	2.00
PC-SUB-250	Preparation & Submit General Construction Method Statement	20.00	20.00	0%	13-Oct-15	04-Nov-15	12-Nov-15	07-Dec-15	26.00
PC-SUB-020	Review & Approval of Bank Guarantee Certificates (for record)	21.00	21.00	0%	13-Oct-15	10-Nov-15	08-Dec-15	07-Jan-16	39.00
PC-SUB-040	Review & Approval of Scheduling Qualification Submittal	21.00	21.00	0%	13-Oct-15	10-Nov-15	08-Dec-15	07-Jan-16	39.00
MOB1000	Pre-Construction Dilapidation Survey	2.00	2.00	0%	14-Oct-15	15-Oct-15	25-Oct-15	26-Oct-15	9.00
MOB1080	Survey Work	7.00	7.00	0%	14-Oct-15	21-Oct-15	25-Oct-15	01-Nov-15	9.00
PC-SUB-390	Preparation & Submit Dumping Site	15.00	15.00	0%	14-Oct-15	31-Oct-15	01-Nov-15	18-Nov-15	15.00
PC-SUB-360	Review & Approval of Insurances (for record)	21.00	21.00	0%	14-Oct-15	11-Nov-15	08-Dec-15	07-Jan-16	38.00
PC-SUB-380	Review & Approval of Lists of Permits and Licenses	21.00	21.00	0%	14-Oct-15	11-Nov-15	08-Dec-15	07-Jan-16	38.00
PC-SUB-160	Review & Approval of Field Office Furniture and Equipment Plan	12.00	12.00	0%	14-Oct-15	01-Nov-15	18-Oct-15	02-Nov-15	1.25
PC-SUB-340	Review & Approval of Testing Lab C.V	21.00	21.00	0%	15-Oct-15	12-Nov-15	08-Dec-15	07-Jan-16	37.00
PC-SUB-310	Preparation & Submit Dilapidation Survey	10.00	10.00	0%	17-Oct-15	27-Oct-15	25-Nov-15	07-Dec-15	33.00
PC-SUB-060	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21.00	21.00	0%	18-Oct-15	16-Nov-15	08-Nov-15	07-Dec-15	15.00
CMS-SUB-1140	Prep. & Sub. Concrete Mix Design	28.00	28.00	0%	19-Oct-15	21-Nov-15	29-Oct-15	02-Dec-15	9.00
CMS-SUB-100	Prep. & Sub. Bedding Material	5.00	5.00	0%	19-Oct-15	24-Oct-15	14-Nov-15	21-Nov-15	22.50
PC-SUB-090	Preparation & Submit Key Staff	10.00	10.00	0%	19-Oct-15	29-Oct-15	25-Nov-15	07-Dec-15	31.00
MMS-SUB-118	Prep. & Sub. 3" Steel Pipes	5.00	5.00	0%	19-Oct-15	24-Oct-15	25-Nov-15	30-Nov-15	31.00
MMS-SUB-110	Prep. & Sub. Combination Air Valve	5.00	5.00	0%	19-Oct-15	24-Oct-15	03-Dec-15	08-Dec-15	37.00
CMS-SUB-102	Prep. & Sub. Single Size Backfilling Material	5.00	5.00	0%	20-Oct-15	26-Oct-15	17-Nov-15	23-Nov-15	22.50
MMS-SUB-109	Review & Approval of Storm water Drainage Pipes	21.00	21.00	0%	21-Oct-15	19-Nov-15	12-Nov-15	13-Dec-15	16.00
PC-SUB-1000	Preparation & Submit Traffic Control Plan for Road Segment from Station 1+680 to Station 2+191 (Area A)	7.00	7.00	0%	21-Oct-15	28-Oct-15	29-Nov-15	07-Dec-15	32.00
PC-SUB-080	Review & Approval of Submittals Schedule	21.00	21.00	0%	21-Oct-15	19-Nov-15	08-Dec-15	07-Jan-16	33.00
PC-SUB-220	Review & Approval of Safety Plan	21.00	21.00	0%	21-Oct-15	19-Nov-15	08-Dec-15	07-Jan-16	33.00
PC-SUB-240	Review & Approval of Environmental Monitoring and Mitigation Plan	21.00	21.00	0%	21-Oct-15	19-Nov-15	08-Dec-15	07-Jan-16	33.00
CMS-SUB-132	Prep. & Sub. Catch basin	7.00	7.00	0%	21-Oct-15	28-Oct-15	20-Dec-15	28-Dec-15	47.00
CMS-SUB-104	Prep. & Sub. Base Course	5.00	5.00	0%	22-Oct-15	28-Oct-15	19-Nov-15	24-Nov-15	22.50
CMS-SUB-130	Prep. & Sub. Sub Base Course	5.00	5.00	0%	22-Oct-15	28-Oct-15	02-Dec-15	07-Dec-15	32.50
CS-SH-W-07	Prep. & Sub. Shop drawing for Road Segment from station 0+000 to station 0+200	5.00	5.00	0%	25-Oct-15	29-Oct-15	04-Nov-15	09-Nov-15	9.00
MMS-SUB-119	Review & Approval of 3" Steel Pipes	21.00	21.00	0%	25-Oct-15	23-Nov-15	01-Dec-15	30-Dec-15	26.00
MMS-SUB-100	Prep. & Sub. Dismantling joints	5.00	5.00	0%	25-Oct-15	29-Oct-15	09-Dec-15	14-Dec-15	37.00
CS-SH-W-125	Prep. & Sub. Shop drawing for Storm water Drainage Pipes from station A 0+083 to Station 0+469	10.00	10.00	0%	25-Oct-15	04-Nov-15	14-Dec-15	28-Dec-15	41.00
MMS-SUB-1110	Review & Approval of Combination Air Valve	21.00	21.00	0%	25-Oct-15	23-Nov-15	30-Dec-15	28-Jan-16	46.00
MMS-SUB-120	Prep. & Sub. Gate Valve	5.00	5.00	0%	25-Oct-15	29-Oct-15	23-Dec-15	29-Dec-15	47.00
MMS-SUB-107	Review & Approval of Heat Shrinkable for Steel Pipes	21.00	21.00	0%	25-Oct-15	23-Nov-15	22-Feb-16	21-Mar-16	83.00
CMS-SUB-101	Review & Approval of Bedding Material	21.00	21.00	0%	25-Oct-15	23-Nov-15	22-Feb-16	21-Mar-16	83.00
CMS-SUB-152	Prep. & Sub. Identification Tape	5.00	5.00	0%	25-Oct-15	29-Oct-15	14-Feb-16	18-Feb-16	83.00
MMS-SUB-106	Prep. & Sub. Heat Shrinkable for Steel Pipes	5.00	5.00	0%	25-Oct-15	29-Oct-15	22-Feb-16	27-Feb-16	88.00

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
CMS-SUB-103C	Review & Approval of Single Size Backfilling Material	21.00	21.00	0%	26-Oct-15	25-Nov-15	03-Dec-15	04-Jan-16	26.25
MOB1060	Post OSHA-required notices and establish safety programs	4.00	4.00	0%	27-Oct-15	31-Oct-15	04-Nov-15	08-Nov-15	7.00
PC-SUB-1050	Preparation and Submission of Vetting Request for JDECO Company	14.00	14.00	0%	27-Oct-15	09-Nov-15	15-Nov-15	28-Nov-15	19.00
PC-SUB-300	Review & Approval of Construction Risk Management Program	21.00	21.00	0%	27-Oct-15	25-Nov-15	08-Dec-15	07-Jan-16	29.00
PC-SUB-320	Review & Approval of Dilapidation Survey	21.00	21.00	0%	28-Oct-15	26-Nov-15	08-Dec-15	07-Jan-16	28.00
CMS-SUB-1160	Prep. & Sub. Steel Reinforcement	4.00	4.00	0%	28-Oct-15	02-Nov-15	25-Nov-15	29-Nov-15	22.50
CMS-SUB-131C	Review & Approval of Sub Base Course	21.00	21.00	0%	28-Oct-15	29-Nov-15	08-Dec-15	07-Jan-16	27.50
CMS-SUB-105C	Review & Approval of Base Course	21.00	21.00	0%	28-Oct-15	29-Nov-15	22-Feb-16	21-Mar-16	79.50
PC-SUB-1010	Review & Approval of Traffic Control Plan for Road Segment from Station 1+680 to Station 2+191 (Area A)	21.00	21.00	0%	29-Oct-15	29-Nov-15	08-Dec-15	07-Jan-16	27.00
CMS-SUB-1332	Review & Approval of Catch basin	21.00	21.00	0%	29-Oct-15	29-Nov-15	29-Dec-15	27-Jan-16	41.00
CS-SH-W-470	Prep. & Sub. Shop drawing for Road Segment A from station A0+000 to station A0+160	15.00	15.00	0%	31-Oct-15	17-Nov-15	10-Nov-15	28-Nov-15	9.00
CS-SH-W-09	Prep. & Sub. Shop drawing for Road Segment from station 0+450 to station 0+900	15.00	15.00	0%	31-Oct-15	17-Nov-15	21-Nov-15	08-Dec-15	17.00
CS-SH-W-08a	Prep. & Sub. Shop drawing for Road Segment from station 0+200 to station 0+450	5.00	5.00	0%	31-Oct-15	04-Nov-15	23-Nov-15	28-Nov-15	19.00
CS-SH-W-065	Prep. & Sub. Shop drawing for Retaining Wall from station 0+013 to Station 0+087	5.00	5.00	0%	31-Oct-15	04-Nov-15	24-Nov-15	29-Nov-15	20.00
MMS-SUB-102C	Prep. & Sub. Flanges	5.00	5.00	0%	31-Oct-15	04-Nov-15	17-Dec-15	22-Dec-15	37.00
CS-SH-W-455	Prep. & Sub. Shop drawing for Road Segment B from station B0+000 to station B0+103	15.00	15.00	0%	31-Oct-15	17-Nov-15	17-Feb-16	07-Mar-16	81.00
PC-SUB-410	Preparation & Submit Storage Yard	15.00	15.00	0%	01-Nov-15	18-Nov-15	19-Nov-15	07-Dec-15	15.00
PC-SUB-100	Review & Approval of Key Staff	21.00	21.00	0%	01-Nov-15	30-Nov-15	08-Dec-15	07-Jan-16	26.00
PC-SUB-400	Review & Approval of Dumping Site	21.00	21.00	0%	01-Nov-15	30-Nov-15	08-Dec-15	07-Jan-16	26.00
MMS-SUB-121C	Review & Approval of Gate Valve	21.00	21.00	0%	01-Nov-15	30-Nov-15	30-Dec-15	28-Jan-16	41.00
MMS-SUB-101C	Review & Approval of Dismantling joints	21.00	21.00	0%	01-Nov-15	30-Nov-15	30-Dec-15	28-Jan-16	41.00
CMS-SUB-153C	Review & Approval of Identification Tape	21.00	21.00	0%	01-Nov-15	30-Nov-15	22-Feb-16	21-Mar-16	78.00
CS-SH-W-08	Review & Approval of Shop drawing for Road Segment from station 0+000 to station 0+200	21.00	21.00	0%	01-Nov-15	30-Nov-15	23-Feb-16	22-Mar-16	79.00
MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	3.00	3.00	0%	01-Nov-15	04-Nov-15	03-Nov-15	05-Nov-15	1.25
PC-SUB-200	Review & Approval of Quality Control Plan	21.00	21.00	0%	02-Nov-15	01-Dec-15	08-Dec-15	07-Jan-16	25.00
CMS-SUB-1170	Review & Approval of Steel Reinforcement	21.00	21.00	0%	02-Nov-15	02-Dec-15	03-Dec-15	04-Jan-16	21.50
CMS-SUB-1180	Prep. & Sub. Bituminous Cold Material	2.00	2.00	0%	02-Nov-15	04-Nov-15	30-Nov-15	02-Dec-15	22.50
MOB1030	Supply and install Field Office Computer Systems and IT Equipments	4.00	4.00	0%	03-Nov-15	07-Nov-15	04-Nov-15	08-Nov-15	1.00
MOB1070	Installation of Temporary Facilities as per section 01500	2.00	2.00	0%	04-Nov-15	05-Nov-15	07-Nov-15	08-Nov-15	2.00
MOB1010	Provide, furnish and erect Temporary Project Signs	1.00	1.00	0%	04-Nov-15	04-Nov-15	08-Nov-15	08-Nov-15	3.00
CMS-SUB-1190	Review & Approval of Bituminous Cold Material	21.00	21.00	0%	04-Nov-15	06-Dec-15	03-Dec-15	04-Jan-16	19.50
CS-SH-W-08b	Review & Approval of Shop drawing for Road Segment from station 0+200 to station 0+450	21.00	21.00	0%	05-Nov-15	06-Dec-15	29-Nov-15	28-Dec-15	15.00
CS-SH-W-070	Review & Approval of Shop drawing for Retaining Wall from station 0+013 to Station 0+087	21.00	21.00	0%	05-Nov-15	06-Dec-15	30-Nov-15	29-Dec-15	16.00
PC-SUB-260	Review & Approval of General Construction Method Statement	21.00	21.00	0%	05-Nov-15	06-Dec-15	08-Dec-15	07-Jan-16	22.00
CS-SH-W-180	Prep. & Sub. Shop drawing for Retaining Wall from station 0+420 to Station 0+461	5.00	5.00	0%	05-Nov-15	10-Nov-15	09-Dec-15	14-Dec-15	27.00
CS-SH-W-130	Review & Approval of Shop drawing for Storm water Drainage Pipes from station A 0+083 to Station 0+469	21.00	21.00	0%	05-Nov-15	06-Dec-15	29-Dec-15	27-Jan-16	36.00
MS-SUB-1060	Prep. & Sub. Storm water Pipe Installation Method Statement	5.00	5.00	0%	05-Nov-15	10-Nov-15	22-Dec-15	28-Dec-15	36.00
MMS-SUB-103C	Review & Approval of Flanges	21.00	21.00	0%	05-Nov-15	06-Dec-15	30-Dec-15	28-Jan-16	37.00
MMS-SUB-104C	Prep. & Sub. Pressure Gauge, ball valve, and snubber	5.00	5.00	0%	05-Nov-15	10-Nov-15	23-Dec-15	29-Dec-15	37.00
MS-SUB-1040	Prep. & Sub. Concrete Repair Method Statement	5.00	5.00	0%	05-Nov-15	10-Nov-15	21-Mar-16	26-Mar-16	102.00
IA-02	Finish of Mobilization	0.00	0.00	0%	07-Nov-15*	07-Nov-15*		08-Nov-15	1.00
PC-SUB-1060	Receive eligible letter for JDECO Company	21.00	21.00	0%	10-Nov-15	30-Nov-15	29-Nov-15	19-Dec-15	19.00
CS-SH-W-190	Review & Approval of Shop drawing for Retaining Wall from station 0+420 to Station 0+461	21.00	21.00	0%	11-Nov-15	10-Dec-15	17-Dec-15	18-Jan-16	25.00
MS-SUB-1070	Review & Approval of Storm water Pipe installation Method Statement	21.00	21.00	0%	11-Nov-15	10-Dec-15	29-Dec-15	27-Jan-16	32.00
MMS-SUB-105C	Review & Approval of Pressure Gauge, ball valve, and snubber	21.00	21.00	0%	11-Nov-15	10-Dec-15	30-Dec-15	28-Jan-16	33.00
MS-SUB-1050	Review & Approval of Concrete Repair Method Statement	21.00	21.00	0%	11-Nov-15	10-Dec-15	27-Mar-16	25-Apr-16	94.00
PC-SUB-280	Review & Approval of Original CPM Construction Schedule	21.00	21.00	0%	17-Nov-15	15-Dec-15	08-Dec-15	07-Jan-16	15.00
CS-SH-W-480	Review & Approval of Shop drawing for Road Segment A from station A0+000 to station A0+160	21.00	21.00	0%	18-Nov-15	16-Dec-15	29-Nov-15	28-Dec-15	7.00
CS-SH-W-10	Review & Approval of Shop drawing for Road Segment from station 0+450 to station 0+900	21.00	21.00	0%	18-Nov-15	16-Dec-15	09-Dec-15	10-Jan-16	15.00
CS-SH-W-240	Prep. & Sub. Shop drawing for Retaining Wall from station S0+014 to Station S0+049 RHS	5.00	5.00	0%	18-Nov-15	23-Nov-15	09-Dec-15	14-Dec-15	17.00
CS-SH-W-490	Prep. & Sub. Shop drawing for Road Segment from station 0+900 to station 1+680	15.00	15.00	0%	18-Nov-15	06-Dec-15	27-Dec-15	19-Jan-16	29.00
EMS-SUB-1322	Prep. & Sub. Lighting Poles	7.00	7.00	0%	18-Nov-15	25-Nov-15	30-Dec-15	13-Jan-16	32.00
CS-SH-W-155	Prep. & Sub. Shop drawing for Pipe Culvert at Station 0+720	5.00	5.00	0%	18-Nov-15	23-Nov-15	19-Jan-16	24-Jan-16	43.00
CS-SH-W-340	Prep. & Sub. Shop drawing for Retaining Wall from station 1+010 to Station 1+049	5.00	5.00	0%	18-Nov-15	23-Nov-15	31-Jan-16	04-Feb-16	53.00
CS-SH-W-460	Review & Approval of Shop drawing for Road Segment from station B0+000 to station B0+103	21.00	21.00	0%	18-Nov-15	16-Dec-15	08-Mar-16	05-Apr-16	77.00
PC-SUB-420	Review & Approval of Storage Yard	21.00	21.00	0%	19-Nov-15	17-Dec-15	08-Dec-15	07-Jan-16	13.00
PRO-1020	Order and Delivery of Storm water Drainage Pipes	30.00	30.00	0%	21-Nov-15	29-Dec-15	14-Dec-15	27-Jan-16	19.00
CMS-SUB-1150	Review & Approval of Concrete Mix Design	21.00	21.00	0%	22-Nov-15	20-Dec-15	03-Dec-15	04-Jan-16	9.00
CMS-SUB-106C	Prep. & Sub. Curbstone	3.00	3.00	0%	22-Nov-15	24-Nov-15	01-Feb-16	03-Feb-16	51.00
CMS-SUB-126C	Prep. & Sub. Asphalt Mix Design - Binder Course	7.00	7.00	0%	22-Nov-15	29-Nov-15	01-Mar-16	08-Mar-16	72.00
CMS-SUB-128C	Prep. & Sub. Prime Coat and Tack Coat	3.00	3.00	0%	22-Nov-15	24-Nov-15	06-Mar-16	08-Mar-16	76.00
PC-SUB-1030	Review & Approval of Traffic Control Plan for Road Segment from Station 0+000 to Station 0+460 (Area C)	21.00	21.00	0%	23-Nov-15	21-Dec-15	23-Nov-15	21-Dec-15	0.00
PC-SUB-1035	Preparation & Submit Traffic Control Plan for Road Segment from Station 0+460 to Station 1+680 (Area C)	5.00	5.00	0%	23-Nov-15	28-Nov-15	30-Dec-15	09-Jan-16	28.00
CS-SH-W-250	Review & Approval of Shop drawing for Retaining Wall from station S0+014 to Station S0+049 RHS	21.00	21.00	0%	24-Nov-15	22-Dec-15	17-Dec-15	18-Jan-16	17.00

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
PRO-1000	Order and delivery of 3" Steel Pipes	60.00	60.00	0%	24-Nov-15	15-Feb-16	02-Jan-16	21-Mar-16	28.00
CS-SH-W-300	Prep. & Sub. Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS	5.00	5.00	0%	24-Nov-15	29-Nov-15	05-Jan-16	13-Jan-16	29.00
CS-SH-W-160	Review & Approval of Shop drawing for Pipe Culvert at Station 0+720	21.00	21.00	0%	24-Nov-15	22-Dec-15	25-Jan-16	22-Feb-16	42.00
CS-SH-W-165	Prep. & Sub. Shop drawing for Pipe Culvert at Station 0+953	5.00	5.00	0%	24-Nov-15	29-Nov-15	02-Feb-16	09-Feb-16	50.00
CS-SH-W-350	Review & Approval of Shop drawing for Retaining Wall from station 1+010 to Station 1+049	21.00	21.00	0%	24-Nov-15	22-Dec-15	08-Feb-16	07-Mar-16	52.00
CMS-SUB-154C	Prep. & Sub. Interlock Tiles	7.00	7.00	0%	25-Nov-15	03-Dec-15	04-Feb-16	14-Feb-16	51.00
CMS-SUB-108C	Prep. & Sub. Guard rail	3.00	3.00	0%	25-Nov-15	28-Nov-15	29-Feb-16	02-Mar-16	68.00
CMS-SUB-129C	Review & Approval of Prime Coat and Tack Coat	21.00	21.00	0%	25-Nov-15	23-Dec-15	09-Mar-16	06-Apr-16	73.00
CMS-SUB-107C	Review & Approval of Curbsone	21.00	21.00	0%	25-Nov-15	23-Dec-15	14-Mar-16	11-Apr-16	76.00
EMS-SUB-1332	Review & Approval of Lighting Poles	21.00	21.00	0%	26-Nov-15	27-Dec-15	14-Jan-16	11-Feb-16	33.00
PC-SUB-1037	Review & Approval of Traffic Control Plan for Road Segment from Station 0+460 to Station 1+680 ( Area C)	21.00	21.00	0%	29-Nov-15	28-Dec-15	11-Jan-16	08-Feb-16	29.00
CMS-SUB-1342	Prep. & Sub. Hand Rail	7.00	7.00	0%	29-Nov-15	07-Dec-15	03-Mar-16	10-Mar-16	68.00
CMS-SUB-1100	Prep. & Sub. Traffic Signs	3.00	3.00	0%	29-Nov-15	02-Dec-15	13-Mar-16	15-Mar-16	76.00
CMS-SUB-109C	Review & Approval of Guard rail	21.00	21.00	0%	29-Nov-15	28-Dec-15	20-Mar-16	18-Apr-16	78.00
CS-SH-W-310	Review & Approval of Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS	21.00	21.00	0%	30-Nov-15	29-Dec-15	14-Jan-16	11-Feb-16	31.00
CS-SH-W-170	Review & Approval of Shop drawing for Pipe Culvert at Station 0+953	21.00	21.00	0%	30-Nov-15	29-Dec-15	10-Feb-16	09-Mar-16	50.00
CS-SH-W-440	Prep. & Sub. Shop drawing for Pipe Culvert at Station 1+166	5.00	5.00	0%	30-Nov-15	06-Dec-15	24-Feb-16	29-Feb-16	60.00
CMS-SUB-127C	Review & Approval of Asphalt Mix Design - Binder Course	21.00	21.00	0%	30-Nov-15	29-Dec-15	09-Mar-16	06-Apr-16	70.00
CMS-SUB-1311	Prep. & Sub. Asphalt Mix Design - Wearing Course	7.00	7.00	0%	30-Nov-15	08-Dec-15	09-Mar-16	06-Apr-16	72.00
PC-SUB-1070	Sign agreement with JDECO Company for relocation of Underground Medium Voltage Cables	9.00	9.00	0%	01-Dec-15	09-Dec-15	20-Dec-15	28-Dec-15	19.00
CMS-SUB-120C	Prep. & Sub. Manhole covers and frames	4.00	4.00	0%	02-Dec-15	06-Dec-15	29-Feb-16	03-Mar-16	63.00
CMS-SUB-1110	Review & Approval of Traffic Signs	21.00	21.00	0%	03-Dec-15	04-Jan-16	20-Mar-16	18-Apr-16	74.00
CMS-SUB-1120	Prep. & Sub. Road Marking Paint	3.00	3.00	0%	03-Dec-15	06-Dec-15	16-Mar-16	19-Mar-16	76.00
CMS-SUB-155C	Review & Approval of Interlock Tiles	21.00	21.00	0%	06-Dec-15	05-Jan-16	15-Feb-16	14-Mar-16	49.00
CS-SH-W-500	Review & Approval of Shop drawing for Road Segment from station 0+900 to station 1+680	21.00	21.00	0%	07-Dec-15	06-Jan-16	20-Jan-16	17-Feb-16	30.00
CS-SH-W-450	Review & Approval of Shop drawing for Pipe Culvert at Station 1+166	21.00	21.00	0%	07-Dec-15	06-Jan-16	01-Mar-16	29-Mar-16	59.00
CMS-SUB-121C	Review & Approval of Manhole covers and frames	21.00	21.00	0%	07-Dec-15	06-Jan-16	07-Mar-16	04-Apr-16	63.00
CMS-SUB-124C	Prep. & Sub. Manhole Rungs	2.00	2.00	0%	07-Dec-15	08-Dec-15	05-Mar-16	06-Mar-16	63.00
CMS-SUB-122C	Prep. & Sub. Pipe's supports	4.00	4.00	0%	07-Dec-15	10-Dec-15	12-Mar-16	15-Mar-16	69.00
CMS-SUB-1130	Review & Approval of Road Marking Paint	21.00	21.00	0%	07-Dec-15	06-Jan-16	20-Mar-16	18-Apr-16	72.00
CMS-SUB-1362	Prep. & Sub. Cat eyes	7.00	7.00	0%	08-Dec-15	17-Dec-15	12-Mar-16	19-Mar-16	68.00
CMS-SUB-1352	Review & Approval of Hand Rail	21.00	21.00	0%	08-Dec-15	07-Jan-16	21-Mar-16	19-Apr-16	72.00
CMS-SUB-125C	Review & Approval of Manhole Rungs	21.00	21.00	0%	09-Dec-15	10-Jan-16	07-Mar-16	04-Apr-16	61.00
CMS-SUB-1312	Review & Approval of Asphalt Mix Design - Wearing Course	21.00	21.00	0%	09-Dec-15	10-Jan-16	17-Mar-16	17-Apr-16	69.00
PRO-1010	Order and Delivery of Mechanical Fittings	50.00	50.00	0%	12-Dec-15	22-Feb-16	30-Jan-16	31-Mar-16	33.00
CMS-SUB-123C	Review & Approval of Pipe's supports	21.00	21.00	0%	13-Dec-15	12-Jan-16	16-Mar-16	14-Apr-16	66.00
CS-SH-W-03	Prep. & Sub. Shop drawing for 3" Steel pipeline	10.00	10.00	0%	17-Dec-15	29-Dec-15	08-Feb-16	18-Feb-16	36.00
IA-04	Finish of Pre-Construction Submittals	0.00	0.00	0%		17-Dec-15*		09-Jan-16	23.00
CMS-SUB-1372	Review & Approval of Cat eyes	21.00	21.00	0%	20-Dec-15	19-Jan-16	20-Mar-16	18-Apr-16	63.00
E-C-100	Implementation of Traffic Control Plan - Road Segment from Station 0+000 to Station 1+680 ( Area C)	1.00	1.00	0%	22-Dec-15	22-Dec-15	22-Dec-15	22-Dec-15	0.00
E-Ph-I-A-1090	Implementation of Traffic Control Plan - Close Road from Sta. 0+000 to Sta. 0+200 and use Segment B as a detour	1.00	1.00	0%	22-Dec-15	22-Dec-15	29-Dec-15	29-Dec-15	5.00
IA-09	Start of Construction Area from Station 0+000 to Station 1+680	0.00	0.00	0%	22-Dec-15		23-Mar-16		92.00
E-C-105	Maintain of Traffic Control Plan and Safety - Road Segment from Station 0+000 to Station 1+680 ( Area C)	93.00	93.00	0%	23-Dec-15	23-Apr-16	23-Dec-15	23-Apr-16	0.00
E-PH-II-R-1000	Relocation of underground Medium Voltage Cables by JDECO - RHS	4.00	4.00	0%	23-Dec-15	28-Dec-15	23-Dec-15	28-Dec-15	0.00
E-PH-II-1040	Implementation of Traffic Control Plan - Phase II	1.00	1.00	0%	23-Dec-15	23-Dec-15	28-Dec-15	28-Dec-15	3.00
E-Ph-I-A-0990	Structural Excavation for Retaining Wall	2.00	2.00	0%	23-Dec-15	26-Dec-15	30-Dec-15	02-Jan-16	5.00
E-PH-IV-R-1092	Structural Excavation for Reinforced Concrete Wall from Station S0+014 to Station S0+049 RHS	3.00	3.00	0%	23-Dec-15	27-Dec-15	19-Jan-16	21-Jan-16	16.00
E-Ph-I-A-1100	Maintain of Traffic Control Plan and Safety - Close Road from Sta. 0+000 to Sta. 0+200 and use Segment B as a detour	21.00	21.00	0%	23-Dec-15	24-Jan-16	30-Dec-15	17-Apr-16	67.00
E-Ph-I-A-1060	Excavation / Cut to specified level for Road Segment from Station 0+000 to Station 0+200	3.00	3.00	0%	23-Dec-15	27-Dec-15	23-Mar-16	26-Mar-16	67.00
E-PH-II-1050	Maintain of Traffic Control Plan and Safety - Phase II	34.00	34.00	0%	26-Dec-15	11-Feb-16	29-Dec-15	17-Apr-16	53.00
E-Ph-I-A-1000	Construction of Reinforced Concrete Wall from Station 0+013 to Station 0+058 (including Backfilling)	15.00	15.00	0%	27-Dec-15	19-Jan-16	05-Jan-16	25-Jan-16	5.00
E-Ph-I-A-1010	Construction of Reinforced Concrete Wall from Station 0+058 to Station 0+087 (including Backfilling)	9.00	9.00	0%	27-Dec-15	12-Jan-16	05-Jan-16	18-Jan-16	5.00
E-PH-IV-R-1100	Construction of Reinforced Concrete Wall from Station S0+014 to Station S0+049 RHS (including Backfilling)	14.00	14.00	0%	28-Dec-15	19-Jan-16	23-Jan-16	09-Feb-16	16.00
PRO-1030	Order and Delivery of Street Lighting Poles	40.00	40.00	0%	28-Dec-15	23-Feb-16	13-Feb-16	31-Mar-16	32.00
E-Ph-I-A-1070	Soil Replacement for Road Segment from Station 0+100 to Station 0+195	6.00	6.00	0%	28-Dec-15	06-Jan-16	27-Mar-16	02-Apr-16	67.00
E-PH-II-L-1000	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 LHS	4.00	4.00	0%	29-Dec-15	05-Jan-16	29-Dec-15	05-Jan-16	0.00
E-PH-III-R-1060	Relocation of underground Medium Voltage Cables by JDECO - RHS	6.00	6.00	0%	29-Dec-15	09-Jan-16	01-Feb-16	09-Feb-16	23.00
CS-SH-W-04	Review & Approval of Shop drawing for 3" Steel pipeline	21.00	21.00	0%	30-Dec-15	28-Jan-16	22-Feb-16	21-Mar-16	37.00
CS-SH-W-31	Prep. & Sub. Shop drawing for DN 75 mm PN16 flanged Gate Valve Chamber	5.00	5.00	0%	30-Dec-15	09-Jan-16	01-Mar-16	06-Mar-16	43.00
CS-SH-W-25	Prep. & Sub. Shop drawing for DN 50 mm PN16 Combination Air Valve chamber	5.00	5.00	0%	30-Dec-15	09-Jan-16	05-Mar-16	09-Mar-16	46.00
E-PH-II-R-1020	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 RHS	4.00	4.00	0%	02-Jan-16	09-Jan-16	02-Jan-16	09-Jan-16	0.00
E-PH-II-L-1010	Replacement of Existing Soil from Station A0+000 to Station 0+340 LHS	14.00	14.00	0%	02-Jan-16	23-Jan-16	05-Jan-16	24-Jan-16	1.00
CMS-SUB-156C	Prep. & Sub. Landscaping Materials	7.00	7.00	0%	06-Jan-16	17-Jan-16	15-Mar-16	22-Mar-16	52.00

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-PH-II-R-1025	Replacement of Existing Soil from Station A0+000 to Station 0+340 RHS	14.00	14.00	0%	09-Jan-16	26-Jan-16	09-Jan-16	26-Jan-16	0.00
CS-SH-510	Prep. & Sub. Shop drawing for Street Lighting Poles	10.00	10.00	0%	09-Jan-16	21-Jan-16	18-Feb-16	02-Mar-16	31.00
CS-SH-W-05	Prep. & Sub. Shop drawing for Road Segment from Station 1+680 to Station 2+191 ( Area A)	4.00	4.00	0%	09-Jan-16	14-Jan-16	05-Mar-16	08-Mar-16	42.00
CS-SH-530	Prep. & Sub. Shop drawing for Road Marking and Furniture	10.00	10.00	0%	09-Jan-16	21-Jan-16	08-Mar-16	19-Mar-16	45.00
E-PH-I-A-1080	Base course layers for Road Segment from Station 0+000 to Station 0+200	2.00	2.00	0%	09-Jan-16	12-Jan-16	03-Apr-16	04-Apr-16	67.00
CS-SH-W-32	Review & Approval of Shop drawing for DN 75 mm PN16 flanged Gate Valve Chamber	21.00	21.00	0%	10-Jan-16	07-Feb-16	07-Mar-16	04-Apr-16	41.00
CS-SH-W-30	Review & Approval of Shop drawing for DN 50 mm PN16 Combination Air Valve chamber	21.00	21.00	0%	10-Jan-16	07-Feb-16	10-Mar-16	07-Apr-16	44.00
E-PH-IV-R-1070	Relocation of underground Medium Voltage Cables by JDECO - RHS	10.00	10.00	0%	12-Jan-16	23-Jan-16	23-Feb-16	05-Mar-16	32.00
E-PH-II-R-1045	Structural Excavation for Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS	2.00	2.00	0%	13-Jan-16	14-Jan-16	19-Jan-16	20-Jan-16	5.00
E-PH-II-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 LHS	10.00	10.00	0%	13-Jan-16	24-Jan-16	20-Jan-16	31-Jan-16	6.00
E-PH-I-B-1060	Implementation of Traffic Control Plan for Segment B and use Road from Sta. 0+000 to Sta. 0+200 as a detour as required	1.00	1.00	0%	13-Jan-16	13-Jan-16	05-Apr-16	05-Apr-16	67.00
E-PH-I-B-1070	Maintain of Traffic Control Plan for Segment B and use Road from Sta. 0+000 to Sta. 0+200 as a detour as required	10.00	10.00	0%	14-Jan-16	25-Jan-16	06-Apr-16	18-Apr-16	67.00
E-PH-I-B-1080	Excavation / Cut to specified level for Road Segment B from Station B0+000 to Station B0+103	2.00	2.00	0%	14-Jan-16	16-Jan-16	06-Apr-16	07-Apr-16	67.00
E-PH-II-R-1050	Construction of Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS (including Backfilling)	14.00	14.00	0%	16-Jan-16	31-Jan-16	21-Jan-16	08-Feb-16	5.00
CS-SH-W-06	Review & Approval of Shop drawing for Road Segment from Station 1+680 to Station 2+191 ( Area A)	21.00	21.00	0%	17-Jan-16	14-Feb-16	09-Mar-16	06-Apr-16	38.00
E-PH-I-B-1090	Construction of Stone wall at Segment B	4.00	4.00	0%	17-Jan-16	20-Jan-16	09-Apr-16	13-Apr-16	67.00
CMS-SUB-1570	Review & Approval of Landscaping Materials	21.00	21.00	0%	18-Jan-16	15-Feb-16	23-Mar-16	21-Apr-16	47.00
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	9.00	9.00	0%	19-Jan-16	28-Jan-16	05-Apr-16	16-Apr-16	62.00
E-PH-IV-R-1120	Structural Excavation for Reinforced Concrete Wall from Station S0+000 to Station S0+039 LHS	3.00	3.00	0%	20-Jan-16	23-Jan-16	10-Feb-16	13-Feb-16	16.00
E-PH-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	3.00	3.00	0%	20-Jan-16	23-Jan-16	13-Apr-16	16-Apr-16	67.00
E-PH-II-L-1030	Base course layers for Road Segment from Station A0+000 to Station 0+480 LHS	5.00	5.00	0%	21-Jan-16	26-Jan-16	01-Feb-16	08-Feb-16	9.00
E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0	3.00	3.00	0%	21-Jan-16	24-Jan-16	14-Apr-16	17-Apr-16	67.00
E-PH-I-B-1100	Base course layers for Road Segment B from Station B0+000 to Station B0+103	3.00	3.00	0%	21-Jan-16	24-Jan-16	14-Apr-16	17-Apr-16	67.00
E-PH-II-R-1030	Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 RHS	10.00	10.00	0%	23-Jan-16	02-Feb-16	23-Jan-16	02-Feb-16	0.00
E-PH-IV-R-1130	Construction of Reinforced Concrete Wall from Station S0+000 to Station S0+039 LHS (including Backfilling)	15.00	15.00	0%	24-Jan-16	11-Feb-16	14-Feb-16	03-Mar-16	16.00
CS-SH-520	Review & Approval of Shop drawing for Street Lighting Poles	21.00	21.00	0%	24-Jan-16	21-Feb-16	03-Mar-16	31-Mar-16	29.00
CS-SH-540	Review & Approval of Shop drawing for Road Marking and Furniture	21.00	21.00	0%	24-Jan-16	21-Feb-16	20-Mar-16	18-Apr-16	40.00
E-PH-V-R-1060	Relocation of underground Medium Voltage Cables by JDECO - RHS	9.00	9.00	0%	24-Jan-16	02-Feb-16	16-Mar-16	26-Mar-16	41.00
E-PH-I-A-1095	6cm Asphalt Wearing Course layer (including MC) for road segment from Station 0+000 to Station 0+200	1.00	1.00	0%	24-Jan-16	24-Jan-16	17-Apr-16	17-Apr-16	67.00
E-PH-I-B-1120	6cm Asphalt Wearing Course layer (including MC) for road segment B from Station B0+000 to Station B0+103	1.00	1.00	0%	25-Jan-16	25-Jan-16	18-Apr-16	18-Apr-16	67.00
E-PH-II-R-1010	Installation of Storm water Drainage Pipes from station A 0+083 to Station 0+469 - RHS	8.00	8.00	0%	28-Jan-16	08-Feb-16	28-Jan-16	08-Feb-16	0.00
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	9.00	9.00	0%	30-Jan-16	10-Feb-16	05-Apr-16	16-Apr-16	53.00
E-PH-II-R-1040	Base course layers for Road Segment from Station A0+000 to Station 0+480 RHS	5.00	5.00	0%	01-Feb-16	08-Feb-16	01-Feb-16	08-Feb-16	0.00
E-PH-III-1050	Implementation of Traffic Control Plan - Phase III	1.00	1.00	0%	09-Feb-16	09-Feb-16	09-Feb-16	09-Feb-16	0.00
E-1010	Road Crossings (Sleeves) - 10" dia. Pipe	15.00	15.00	0%	09-Feb-16	28-Feb-16	05-Apr-16	23-Apr-16	46.00
E-PH-III-L-1000	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 LHS	4.00	4.00	0%	10-Feb-16	14-Feb-16	10-Feb-16	14-Feb-16	0.00
E-PH-III-1060	Maintain of Traffic Control Plan and Safety - Phase III	22.00	22.00	0%	10-Feb-16	08-Mar-16	10-Feb-16	17-Apr-16	33.00
E-1000	Base-course for Temporary Detours	15.00	15.00	0%	10-Feb-16	29-Feb-16	05-Apr-16	23-Apr-16	45.00
E-AS-1020	Asphalt Binder Course layer (including MC) for road segment from Station A0+000 to Station 0+480	1.00	1.00	0%	11-Feb-16	11-Feb-16	17-Apr-16	17-Apr-16	53.00
E-PH-III-R-1000	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 RHS	4.00	4.00	0%	13-Feb-16	16-Feb-16	13-Feb-16	16-Feb-16	0.00
E-PH-IV-R-1140	Structural Excavation for Reinforced Concrete Wall from Station 1+010 to Station 1+049 RHS	3.00	3.00	0%	13-Feb-16	15-Feb-16	05-Mar-16	07-Mar-16	16.00
E-PH-VI-1050	Implementation of Traffic Control Plan - Road Segment from Station 1+680 to Station 2+191 ( Area A)	2.00	2.00	0%	13-Feb-16	14-Feb-16	05-Apr-16	06-Apr-16	43.00
E-AS-1030	Asphalt Wearing Course layer (including RC) for road segment from Station A0+000 to Station 0+480	1.00	1.00	0%	13-Feb-16	13-Feb-16	18-Apr-16	18-Apr-16	53.00
IA-06	Finish of Construction Submittals	0.00	0.00	0%		14-Feb-16		25-Apr-16	71.00
E-PH-III-L-1010	Replacement of Existing Soil from Station 0+536 to Station 0+880 LHS	8.00	8.00	0%	15-Feb-16	25-Feb-16	17-Feb-16	28-Feb-16	2.00
E-PH-III-L-1085	Construction of Pipe Culvert at Station 0+720 500mm length 12 m - LHS	5.00	5.00	0%	15-Feb-16	22-Feb-16	23-Feb-16	28-Feb-16	5.00
E-PH-VI-1000	Milling of the existing road from Station 1+680 to Station 2+191 ( Area A)	2.00	2.00	0%	15-Feb-16	16-Feb-16	07-Apr-16	09-Apr-16	43.00
E-PH-VI-1060	Maintain of Traffic Control Plan and Safety - Road Segment from Station 1+680 to Station 2+191 ( Area A)	12.00	12.00	0%	15-Feb-16	01-Mar-16	07-Apr-16	24-Apr-16	44.63
IA-07	Start of Construction of Milling Area from Station 1+680 to Station 2+191	0.00	0.00	0%	15-Feb-16		06-Apr-16		52.00
E-PH-IV-R-1150	Construction of Reinforced Concrete Wall from Station 1+010 to Station 1+049 (including Backfilling)	15.00	15.00	0%	16-Feb-16	06-Mar-16	08-Mar-16	24-Mar-16	16.00
E-PH-III-R-1010	Replacement of Existing Soil from Station 0+536 to Station 0+880 RHS	8.00	8.00	0%	17-Feb-16	28-Feb-16	17-Feb-16	28-Feb-16	0.00
E-PH-III-R-1060	Construction of Pipe Culvert at Station 0+720 500mm length 12 m - RHS	5.00	5.00	0%	17-Feb-16	24-Feb-16	23-Feb-16	28-Feb-16	3.00
E-PH-VI-1005	Replace defective areas in the existing road from Station 1+680 to Station 2+191 ( Area A)	5.00	5.00	0%	17-Feb-16	24-Feb-16	10-Apr-16	16-Apr-16	43.00
E-PH-VI-1030	Concrete Pedestrian Stairs at Station 1+850	3.00	3.00	0%	17-Feb-16	22-Feb-16	13-Apr-16	16-Apr-16	45.00
E-PH-III-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 LHS	7.00	7.00	0%	23-Feb-16	01-Mar-16	25-Feb-16	03-Mar-16	2.00

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
PCS-1030	Operation and Maintenance O&M Manual	20.00	20.00	0%	23-Feb-16	16-Mar-16	02-Apr-16	25-Apr-16	33.00
E-PH-III-R-1020	Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 RHS	7.00	7.00	0%	25-Feb-16	03-Mar-16	25-Feb-16	03-Mar-16	0.00
E-PH-VI-1010	Asphalt Wearing Course Layer for Road Segment from Station 1+680 to Station 2+191 ( Area A)	2.00	2.00	0%	25-Feb-16	27-Feb-16	17-Apr-16	18-Apr-16	43.00
E-PH-VI-1020	Paint existing Curb stone	3.00	3.00	0%	28-Feb-16	01-Mar-16	20-Apr-16	24-Apr-16	44.63
E-PH-III-L-1030	Base course layers for Road Segment from Station 0+480 to Station 0+880 LHS	4.00	4.00	0%	29-Feb-16	03-Mar-16	29-Feb-16	03-Mar-16	0.00
E-PH-III-R-1030	Base course layers for Road Segment from Station 0+480 to Station 0+880 RHS	4.00	4.00	0%	29-Feb-16	03-Mar-16	29-Feb-16	03-Mar-16	0.00
IA-08	Finish of Construction of Milling Area from Station 1+680 to Station 2+191	0.00	0.00	0%		01-Mar-16		24-Apr-16	53.63
A1000	Demobilization Summary	46.00	46.00	0%	02-Mar-16	25-Apr-16	24-Apr-16	25-Apr-16	0.00
E-PH-III-L-1110	Construction of Stone wall from station 0+854 to station 0+872	5.00	5.00	0%	02-Mar-16	07-Mar-16	10-Apr-16	16-Apr-16	33.00
E-PH-III-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	3.00	3.00	0%	02-Mar-16	05-Mar-16	13-Apr-16	16-Apr-16	35.00
E-PH-IV-1050	Implementation of Traffic Control Plan - Phase IV	1.00	1.00	0%	05-Mar-16	05-Mar-16	05-Mar-16	05-Mar-16	0.00
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	3.00	3.00	0%	05-Mar-16	07-Mar-16	13-Apr-16	16-Apr-16	33.00
E-PH-IV-L-1000	Excavation / Cut to specified level for Road Segment from Station 0+880 to Station 1+080 LHS	3.00	3.00	0%	06-Mar-16	08-Mar-16	06-Mar-16	08-Mar-16	0.00
E-PH-IV-1060	Maintain of Traffic Control Plan and Safety - Phase IV	27.00	27.00	0%	06-Mar-16	05-Apr-16	06-Mar-16	17-Apr-16	9.00
E-PH-IV-R-1000	Excavation / Cut to specified level for Road Segment from Station 0+880 to Station 1+080 RHS	3.00	3.00	0%	08-Mar-16	10-Mar-16	12-Mar-16	14-Mar-16	3.00
E-AS-1000	Asphalt Binder Course layer (including MC) for road segment from Station 0+480 to Station 0+880	1.00	1.00	0%	08-Mar-16	08-Mar-16	17-Apr-16	17-Apr-16	33.00
E-PH-IV-L-1010	Replacement of Existing Soil from Station 0+880 to Station 1+080 LHS	7.00	7.00	0%	09-Mar-16	16-Mar-16	09-Mar-16	16-Mar-16	0.00
E-PH-IV-L-1090	Construction of Pipe Culvert at Station 0+953 1000mm length 15 m - LHS	5.00	5.00	0%	09-Mar-16	14-Mar-16	10-Mar-16	15-Mar-16	1.00
E-AS-1010	Asphalt Wearing Course layer (including RC) for road segment from Station 0+480 to Station 0+880	1.00	1.00	0%	09-Mar-16	09-Mar-16	18-Apr-16	18-Apr-16	33.00
E-PH-IV-R-1010	Replacement of Existing Soil from Station 0+880 to Station 1+080 RHS	7.00	7.00	0%	12-Mar-16	19-Mar-16	15-Mar-16	22-Mar-16	3.00
E-PH-IV-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station 0+880 to Station 1+080 LHS	8.00	8.00	0%	13-Mar-16	21-Mar-16	13-Mar-16	21-Mar-16	0.00
E-PH-IV-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	10.00	10.00	0%	14-Mar-16	24-Mar-16	04-Apr-16	16-Apr-16	18.00
E-PH-IV-R-1090	Construction of Pipe Culvert at Station 0+953 1000mm length 15 m - RHS	5.00	5.00	0%	15-Mar-16	20-Mar-16	16-Mar-16	21-Mar-16	1.00
E-PH-IV-R-1020	Sub base layer and Subgrade preparation for Road Segment from Station 0+880 to Station 1+080 RHS	8.00	8.00	0%	15-Mar-16	23-Mar-16	19-Mar-16	27-Mar-16	3.00
E-PH-IV-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	10.00	10.00	0%	16-Mar-16	27-Mar-16	04-Apr-16	16-Apr-16	16.00
E-PH-IV-R-1080	Excavation, Bedding, Installation and Backfilling of 3" steel pipes from station 0+935 to Station 1+080 RHS	3.00	3.00	0%	17-Mar-16	20-Mar-16	22-Mar-16	24-Mar-16	4.00
E-PH-IV-L-1035	Base course layers for Road Segment from Station 0+880 to Station 1+080 LHS	4.00	4.00	0%	19-Mar-16	22-Mar-16	19-Mar-16	22-Mar-16	0.00
E-100	Construction of Gate Valves	15.00	15.00	0%	21-Mar-16	06-Apr-16	05-Apr-16	23-Apr-16	13.00
E-110	Construction of Air Release Valves	5.00	5.00	0%	21-Mar-16	26-Mar-16	10-Apr-16	16-Apr-16	17.00
E-PH-IV-R-1030	Base course layers for Road Segment from Station 0+880 to Station 1+080 RHS	3.00	3.00	0%	22-Mar-16	24-Mar-16	22-Mar-16	24-Mar-16	0.00
E-PH-IV-L-1170	Construction of Foundation of Electrical Poles	10.00	10.00	0%	22-Mar-16	02-Apr-16	02-Apr-16	13-Apr-16	9.00
E-PH-IV-R-1160	Construction of Foundation of Electrical Poles	10.00	10.00	0%	24-Mar-16	04-Apr-16	02-Apr-16	13-Apr-16	7.00
E-PH-V-1050	Implementation of Traffic Control Plan - Phase V	1.00	1.00	0%	26-Mar-16	26-Mar-16	26-Mar-16	26-Mar-16	0.00
E-PH-V-L-1000	Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 LHS	4.00	4.00	0%	27-Mar-16	30-Mar-16	27-Mar-16	30-Mar-16	0.00
E-PH-V-1060	Maintain of Traffic Control Plan and Safety - Phase V	18.00	18.00	0%	27-Mar-16	17-Apr-16	27-Mar-16	17-Apr-16	0.00
E-125	Mechanical valves Installation	4.00	4.00	0%	27-Mar-16	30-Mar-16	17-Apr-16	20-Apr-16	17.00
E-PH-V-R-1000	Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 RHS	4.00	4.00	0%	29-Mar-16	02-Apr-16	29-Mar-16	02-Apr-16	0.00
E-PH-V-L-1010	Replacement of Existing Soil from Station 1+189 to Station 1+317 LHS	6.00	6.00	0%	29-Mar-16	04-Apr-16	31-Mar-16	06-Apr-16	2.00
E-PH-V-L-1070	Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - LHS	4.00	4.00	0%	30-Mar-16	03-Apr-16	30-Mar-16	03-Apr-16	0.00
E-PH-V-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station 1+080 to Station 1+680 LHS	9.00	9.00	0%	31-Mar-16	10-Apr-16	03-Apr-16	13-Apr-16	2.00
E-135	Water Pipe line Testing	2.00	2.00	0%	31-Mar-16	02-Apr-16	21-Apr-16	23-Apr-16	17.00
E-PH-V-R-1010	Replacement of Existing Soil from Station 1+189 to Station 1+317 RHS	6.00	6.00	0%	02-Apr-16	07-Apr-16	02-Apr-16	07-Apr-16	0.00
E-PH-V-R-1020	Sub base layer and Subgrade preparation for Road Segment from Station 1+080 to Station 1+680 RHS	9.00	9.00	0%	04-Apr-16	14-Apr-16	04-Apr-16	14-Apr-16	0.00
E-PH-V-R-1070	Excavation, Bedding, Installation and Backfilling of 3" steel pipes from station 1+080 to Station 1+680 RHS	10.00	10.00	0%	04-Apr-16	16-Apr-16	04-Apr-16	16-Apr-16	0.00
E-PH-V-R-1100	Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - RHS	5.00	5.00	0%	04-Apr-16	09-Apr-16	04-Apr-16	09-Apr-16	0.00
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	8.00	8.00	0%	04-Apr-16	13-Apr-16	06-Apr-16	16-Apr-16	2.00
E-PH-V-L-1030	Base course layers for Road Segment from Station 1+080 to Station 1+680 LHS	6.00	6.00	0%	05-Apr-16	11-Apr-16	09-Apr-16	16-Apr-16	3.00
E-240	Installation of Street Lighting	8.00	8.00	0%	05-Apr-16	14-Apr-16	14-Apr-16	23-Apr-16	7.00
E-AS-1035	Asphalt Binder Course layer (including MC) for road segment from Station 0+880 to Station 1+080	1.00	1.00	0%	05-Apr-16	05-Apr-16	17-Apr-16	17-Apr-16	9.00
E-AS-1040	Asphalt Wearing Course layer (including RC) for road segment from Station 0+880 to Station 1+080	1.00	1.00	0%	06-Apr-16	06-Apr-16	18-Apr-16	18-Apr-16	9.00
E-PH-V-R-1030	Base course layers for Road Segment from Station 1+080 to Station 1+680 RHS	5.00	5.00	0%	10-Apr-16	16-Apr-16	10-Apr-16	16-Apr-16	0.00
E-AS-1045	Asphalt Binder Course layer (including MC) for road segment from Station 1+080 to Station 1+680	1.00	1.00	0%	17-Apr-16	17-Apr-16	17-Apr-16	17-Apr-16	0.00
E-AS-1050	Asphalt Wearing Course layer (including RC) for road segment from Station 1+080 to Station 1+680	1.00	1.00	0%	18-Apr-16	18-Apr-16	18-Apr-16	18-Apr-16	0.00
E-195	Road Marking	3.00	3.00	0%	19-Apr-16	21-Apr-16	19-Apr-16	21-Apr-16	0.00
E-200	Installation of Traffic Signs	4.00	4.00	0%	19-Apr-16	23-Apr-16	19-Apr-16	23-Apr-16	0.00
E-205	Installation of Steel guard Rail	6.00	6.00	0%	19-Apr-16	25-Apr-16	19-Apr-16	25-Apr-16	0.00
E-210	Installation of Steel Handrail for Pedestrians	3.00	3.00	0%	19-Apr-16	21-Apr-16	20-Apr-16	23-Apr-16	1.00

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-225	Landscaping	3.00	3.00	0%	19-Apr-16	21-Apr-16	23-Apr-16	25-Apr-16	3.00
IA-10	Finish of Construction Area from Station 0+000 to Station 1+680	0.00	0.00	0%		23-Apr-16		23-Apr-16	0.00
PCS-1050	Release of Liens and Waiver of Debts and Claims letter	1.00	1.00	0%	24-Apr-16	24-Apr-16	25-Apr-16	25-Apr-16	1.00
PCS-1060	Preparation of Final Payment	1.00	1.00	0%	24-Apr-16	24-Apr-16	25-Apr-16	25-Apr-16	1.00
PCS-1070	Clearance Certificate from Local Authorities	1.00	1.00	0%	24-Apr-16	24-Apr-16	25-Apr-16	25-Apr-16	1.00
PCS-1000	Warranties	1.00	1.00	0%	24-Apr-16	24-Apr-16	25-Apr-16	25-Apr-16	1.00
PCS-1020	Start Preparation of Final Report	1.00	1.00	0%	24-Apr-16	24-Apr-16	25-Apr-16	25-Apr-16	1.00
PCS-1040	Preliminary As-Built Drawings	1.00	1.00	0%	24-Apr-16	24-Apr-16	25-Apr-16	25-Apr-16	1.00
PCS-1010	Inspection and Handover - Final Acceptance Certificate	1.37	1.37	0%	24-Apr-16	25-Apr-16	24-Apr-16	25-Apr-16	0.00
A-2	Project Completion	0.00	0.00	0%		25-Apr-16*		25-Apr-16	0.00

**Graphical Report for:**  
**Critical Path Activities**

**TO-15-11-RAF - Ramallah - Rafat (Southern Entrance) Road**



27-Dec-15 10:40  
09-Oct-15

Activity ID	Activity Name	Original Duration	Start	Finish	2016											
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
<b>TO-15-11-RAF - Ramallah - Rafat (Southern Entrance) Road</b>					25-Apr-16, TO-15-11-RAF - Rama...											
<b>Milestones</b>					25-Apr-16, Milestones											
<b>General Milestones</b>					25-Apr-16, General Milestones											
A-1	Notice to Proceed (NTP)	0.00	09-Oct-15*		◆ Notice to Proceed (NTP)											
A-2	Project Completion	0.00		25-Apr-16*	◆ Project Completion											
<b>Intermediate Milestones</b>					23-Apr-16, Intermediate Milest...											
IA-01	Start of Mobilization	0.00	09-Oct-15		◆ Start of Mobilization											
IA-10	Finish of Construction Area from Station 0+000 to Station 1+680	0.00		23-Apr-16	◆ Finish of Construction Area fr...											
<b>PreConstruction Phase</b>					21-Dec-15, PreConstruction Pha...											
<b>Traffic Control Plan, Coordination and Permits</b>					21-Dec-15, Traffic Control Pla...											
PC-SUB-1015	Coordination with the COGAT and DCL to obtain all the necessary approvals inclusive of traffic plans (Area C)	45.00	09-Oct-15	22-Nov-15	Coordination with the COGAT an...											
PC-SUB-1030	Review & Approval of Traffic Control Plan for Road Segment from Station 0+000 to Station 0+460 ( Area C)	21.00	23-Nov-15	21-Dec-15	Review & Approval of Traffic C...											
<b>Construction Phase</b>					25-Apr-16, Construction Phase											
<b>Execution</b>					25-Apr-16, Execution											
<b>Road Segment from Station 0+000 to Station 1+680 ( Area C)</b>					25-Apr-16, Road Segment from S...											
<b>Traffic Control Plan Area C</b>					22-Dec-15, Traffic Control Pla...											
E-C-100	Implementation of Traffic Control Plan - Road Segment from Station 0+000 to Station 1+680 ( Area C)	1.00	22-Dec-15	22-Dec-15	Implementation of Traffic Cont...											
<b>Phase II - Road Segment from Station A0+000 to Station 0+480</b>					08-Feb-16, Phase II - Road Seg...											
<b>Phase II - Road Segment from Station A0+000 to Station 0+480 - LHS</b>					05-Jan-16, Phase II - Road Seg...											
<b>Road Work from Station A0+000 to Station 0+480 - LHS</b>					05-Jan-16, Road Work from Stat...											
E-PH-II-L-1000	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 LHS	4.00	29-Dec-15	05-Jan-16	Excavation / Cut to specified ...											
<b>Phase II - Road Segment from Station A0+000 to Station 0+480 - RHS</b>					08-Feb-16, Phase II - Road Seg...											
<b>New and Existing Utilities</b>					08-Feb-16, New and Existing Ut...											
E-PH-II-R-1000	Relocation of underground Medium Voltage Cables by JDECO - RHS	4.00	23-Dec-15	28-Dec-15	Relocation of underground Medi...											
E-PH-II-R-1010	Installation of Storm water Drainage Pipes from station A 0+083 to Station 0+469 - RHS	8.00	28-Jan-16	08-Feb-16	Installation of Storm water Dr...											
<b>Road Work from Station A0+000 to Station 0+480 - RHS</b>					08-Feb-16, Road Work from Stat...											
E-PH-II-R-1020	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 RHS	4.00	02-Jan-16	09-Jan-16	Excavation / Cut to specified ...											
E-PH-II-R-1025	Replacement of Existing Soil from Station A0+000 to Station 0+340 RHS	14.00	09-Jan-16	26-Jan-16	Replacement of Existing Soil f...											
E-PH-II-R-1030	Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 RHS	10.00	23-Jan-16	02-Feb-16	Sub base layer and Subgrade pr...											
E-PH-II-R-1040	Base course layers for Road Segment from Station A0+000 to Station 0+480 RHS	5.00	01-Feb-16	08-Feb-16	Base course layers for Road Se...											
<b>Phase III - Road Segment from Station 0+480 to Station 0+880</b>					03-Mar-16, Phase III - Road Se...											
<b>Traffic Control Plan and Safety Measures - from Station 0+480 to Station 0+880</b>					09-Feb-16, Traffic Control Pla...											
E-PH-III-1050	Implementation of Traffic Control Plan - Phase III	1.00	09-Feb-16	09-Feb-16	Implementation of Traffic Cont...											
<b>Phase III - Road Segment from 0+480 to Station 0+880 - LHS</b>					03-Mar-16, Phase III - Road Se...											
<b>Road Work from Station 0+480 to Station 0+880 - LHS</b>					03-Mar-16, Road Work from Stat...											
E-PH-III-L-1000	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 LHS	4.00	10-Feb-16	14-Feb-16	Excavation / Cut to specified ...											
E-PH-III-L-1030	Base course layers for Road Segment from Station 0+480 to Station 0+880 LHS	4.00	29-Feb-16	03-Mar-16	Base course layers for Road Se...											
<b>Phase III - Road Segment from Station 0+480 to Station 0+880 - RHS</b>					03-Mar-16, Phase III - Road Se...											
<b>Road Work from Station 0+480 to Station 0+880 - RHS</b>					03-Mar-16, Road Work from Stat...											
E-PH-III-R-100	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 RHS	4.00	13-Feb-16	16-Feb-16	Excavation / Cut to specified ...											
E-PH-III-R-100'	Replacement of Existing Soil from Station 0+536 to Station 0+880 RHS	8.00	17-Feb-16	28-Feb-16	Replacement of Existing Soil f...											
E-PH-III-R-100	Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 RHS	7.00	25-Feb-16	03-Mar-16	Sub base layer and Subgrade pr...											
E-PH-III-R-100	Base course layers for Road Segment from Station 0+480 to Station 0+880 RHS	4.00	29-Feb-16	03-Mar-16	Base course layers for Road Se...											
<b>Phase IV - Road Segment from Station 0+880 to Station 1+080</b>					24-Mar-16, Phase IV - Road Seg...											
<b>Traffic Control Plan and Safety Measures - from Station 0+880 to Station 1+080</b>					05-Mar-16, Traffic Control Pla...											
E-PH-IV-1050	Implementation of Traffic Control Plan - Phase IV	1.00	05-Mar-16	05-Mar-16	Implementation of Traffic Cont...											
<b>Phase IV - Road Segment from 0+880 to Station 1+080 - LHS</b>					22-Mar-16, Phase IV - Road Seg...											

█ Actual Work   
 █ Critical Remaining Work   
 ▼ Summary  
█ Remaining Work   
 ◆ Milestone



**Report for:**  
**Cost and Resource Loading and S-curve**



USAID WEST BANK - GAZA - Local Construction Program (LCP)

CONTRACT NO. AID-294-I-13-00002

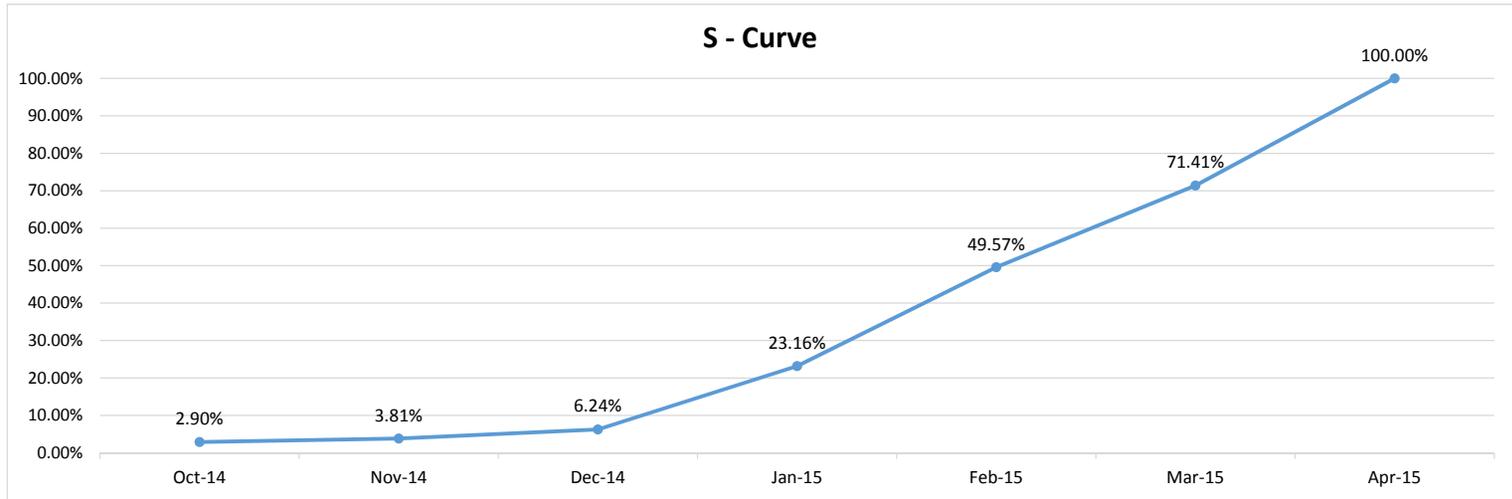
TASK ORDER NO. AID-294-TO-15-00011

Ramallah – Rafat (Southern Entrance) Road



**S-Curve**

Date	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15
Planned Value	\$ 78,083.44	\$ 24,657.93	\$ 65,658.34	\$ 456,247.39	\$ 712,106.84	\$ 589,109.34	\$ 771,097.63
Planned Value (Accumulative)	\$ 78,083.44	\$ 102,741.37	\$ 168,399.71	\$ 624,647.10	\$ 1,336,753.94	\$ 1,925,863.28	\$ 2,696,960.91
Planned %	2.90%	0.91%	2.43%	16.92%	26.40%	21.84%	28.59%
Planned % (Accumulative)	2.90%	3.81%	6.24%	23.16%	49.57%	71.41%	100.00%



**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>SAK</b>	<b>Saqqa and Khoudary Co. Ltd.</b>				
<b>SAK-WB</b>	<b>SAK - West Bank</b>				
<b>SAK-WB-R</b>	<b>SAK - West Bank - Roads Projects</b>				
<b>TO 15-11 RAF</b>	<b>Ramallah - Rafat</b>				
<b>TO 15-11-RAF-BL-N</b>	<b>TO-15-11-RAF - Ramallah - Rafat (Southern Entrance) Road</b>				
<b>TO 15-11-RAF-B</b>	<b>Milestones</b>				
<b>TO 15-11-RA</b>	<b>General Milestones</b>				
A-1	Notice to Proceed (NTP)	Not Started	\$0.00	\$0.00	\$0.00
A-2	Project Completion	Not Started	\$0.00	\$0.00	\$0.00
A-20	Project Duration	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Intermediate Milestones</b>				
IA-01	Start of Mobilization	Not Started	\$0.00	\$0.00	\$0.00
IA-02	Finish of Mobilization	Not Started	\$0.00	\$0.00	\$0.00
IA-03	Start of Pre-Construction Submittals	Not Started	\$0.00	\$0.00	\$0.00
IA-04	Finish of Pre-Construction Submittals	Not Started	\$0.00	\$0.00	\$0.00
IA-05	Start of Construction Submittals	Not Started	\$0.00	\$0.00	\$0.00
IA-06	Finish of Construction Submittals	Not Started	\$0.00	\$0.00	\$0.00
IA-07	Start of Construction of Milling Area from Station 1+680 to Station 2+191	Not Started	\$0.00	\$0.00	\$0.00
IA-08	Finish of Construction of Milling Area from Station 1+680 to Station 2+191	Not Started	\$0.00	\$0.00	\$0.00
IA-09	Start of Construction Area from Station 0+000 to Station 1+680	Not Started	\$0.00	\$0.00	\$0.00
IA-10	Finish of Construction Area from Station 0+000 to Station 1+680	Not Started	\$0.00	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO</b>	<b>PreConstruction Phase</b>				
<b>15-11-RAF-B</b>					
<b>TO</b>	<b>Mobilization</b>				
<b>15-11-RA</b>					
MOB0000	Receive Conformed Documents	Not Started	\$0.00	\$0.00	\$0.00
MOB1000	Pre-Construction Dilapidation Survey	Not Started	\$0.00	\$0.00	\$0.00
MOB1010	Provide, furnish and erect Temporary Project Signs	Not Started	\$0.00	\$0.00	\$0.00
MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	Not Started	\$0.00	\$0.00	\$0.00
MOB1030	Supply and install Field Office Computer Systems and IT Equipments	Not Started	\$0.00	\$0.00	\$0.00
MOB1040	Arrange for and erect Contractor's work and Storage Yards	Not Started	\$0.00	\$0.00	\$0.00
MOB1060	Post OSHA-required notices and establish safety programs	Not Started	\$0.00	\$0.00	\$0.00
MOB1070	Installation of Temporary Facilities as per section 01500	Not Started	\$0.00	\$0.00	\$0.00
MOB1080	Survey Work	Not Started	\$0.00	\$0.00	\$0.00
MOB1090	Mobilization Summary	Not Started	\$102,741.37	\$0.00	\$102,741.37
<b>Subtotal</b>			<b>\$102,741.37</b>	<b>\$0.00</b>	<b>\$102,741.37</b>
<b>TO</b>	<b>PreConstruction Submittals</b>				
<b>15-11-RA</b>					
PC-SUB-010	Preparation & Submit Copy of Bank Guarantee Certificates (for record)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-020	Review & Approval of Bank Guarantee Certificates (for record)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-030	Preparation & Submit Scheduling Qualification Submittal	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-040	Review & Approval of Scheduling Qualification Submittal	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-050	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	Not Started	\$0.00	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
PC-SUB-060	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-070	Preparation & Submit Submittals Schedule	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-080	Review & Approval of Submittals Schedule	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-090	Preparation & Submit Key Staff	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-100	Review & Approval of Key Staff	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-110	Preparation & Submit Project Temporary Signs	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-120	Review & Approval of Project Temporary Signs	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-130	Preparation & Submit Engineer's Field Office Location and Layout	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-140	Review & Approval of Engineer's Field Office Location and Layout	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-150	Preparation & Submit Field Office Furniture and Equipment Plan	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-160	Review & Approval of Field Office Furniture and Equipment Plan	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-170	Preparation & Submit Field Office Computer Systems and	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-180	Miscellaneous Review & Approval of Field Office Computer Systems and Miscellaneous	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-190	Preparation & Submit Quality Control Plan	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-200	Review & Approval of Quality Control Plan	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-210	Preparation & Submit Safety Plan	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-220	Review & Approval of Safety Plan	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-230	Preparation & Submit Environmental Monitoring and Mitigation Plan	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-240	Review & Approval of Environmental Monitoring and Mitigation Plan	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-250	Preparation & Submit General Construction Method Statement	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-260	Review & Approval of General Construction Method Statement	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-270	Preparation & Submit Original CPM Construction Schedule	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-280	Review & Approval of Original CPM Construction Schedule	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-290	Preparation & Submit Construction Risk Management Program	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-300	Review & Approval of Construction Risk Management Program	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-310	Preparation & Submit Dilapidation Survey	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-320	Review & Approval of Dilapidation Survey	Not Started	\$0.00	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
PC-SUB-330	Preparation & Submit of Testing Lab C.V	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-340	Review & Approval of Testing Lab C.V	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-350	Preparation & Submit Insurances (for record)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-360	Review & Approval of Insurances (for record)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-370	Preparation & Submit Lists of Permits and Licenses	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-380	Review & Approval of Lists of Permits and Licenses	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-390	Preparation & Submit Dumping Site	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-400	Review & Approval of Dumping Site	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-410	Preparation & Submit Storage Yard	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-420	Review & Approval of Storage Yard	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO Traffic Control Plan, Coordination and Permits</b>					
<b>15-11-RA</b>					
PC-SUB-1000	Preparation & Submit Traffic Control Plan for Road Segment from Station 1+680 to Station 2+191 ( Area A)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-1010	Review & Approval of Traffic Control Plan for Road Segment from Station 1+680 to Station 2+191 ( Area A)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-1015	Coordination with the COGAT and DCL to obtain all the necessary approvals inclusive of traffic plans (Area C)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-1020	Preparation & Submit Traffic Control Plan for Road Segment from Station 0+000 to Station 0+460 ( Area C)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-1030	Review & Approval of Traffic Control Plan for Road Segment from Station 0+000 to Station 0+460 ( Area C)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-1035	Preparation & Submit Traffic Control Plan for Road Segment from Station 0+460 to Station 1+680 ( Area C)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-1037	Review & Approval of Traffic Control Plan for Road Segment from Station 0+460 to Station 1+680 ( Area C)	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-1040	Coordination with JDECO for relocation of Underground Medium Voltage Cables	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-1050	Preparation and Submission of Vetting Request for JDECO Company	Not Started	\$0.00	\$0.00	\$0.00
PC-SUB-1060	Receive eligible letter for JDECO Company	Not Started	\$0.00	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
PC-SUB-1070	Sign agreement with JDECO Company for relocation of Underground Medium Voltage Cables	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Subtotal</b>			<b>\$102,741.37</b>	<b>\$0.00</b>	<b>\$102,741.37</b>
<b>TO 15-11-RAF-B Construction Phase</b>					
<b>TO 15-11-RA Construction Submittals</b>					
<b>TO 15-11-RA Shopdrawing submittals</b>					
<b>TO 15-11-RA Water Pipeline Shopdrawing</b>					
<b>TO 15-11-RA 3" Pipes</b>					
CS-SH-W-03	Prep. & Sub. Shop drawing for 3" Steel pipeline	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-04	Review & Approval of Shop drawing for 3" Steel pipeline	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA Chambers Shopdrawing</b>					
<b>TO 15-11-RA Gate Valve Chambers</b>					
CS-SH-W-31	Prep. & Sub. Shop drawing for DN 75 mm PN16 flanged Gate Valve Chamber	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-32	Review & Approval of Shop drawing for DN 75 mm PN16 flanged Gate Valve Chamber	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>TO AVAR Chambers</b>					
<b>15-11-RA</b>					
CS-SH-W-25	Prep. & Sub. Shop drawing for DN 50 mm PN16 Combination Air Valve chamber	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-30	Review & Approval of Shop drawing for DN 50 mm PN16 Combination Air Valve chamber	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO Road Shopdrawing (Plan, Profile and Cross section)</b>					
<b>15-11-RA</b>					
<b>TO Road Segment from Station 1+680 to Station 2+191 ( Area A) - Plan, Profile and Cross</b>					
<b>15-11-RA section</b>					
CS-SH-W-05	Prep. & Sub. Shop drawing for Road Segment from Station 1+680 to Station 2+191 ( Area A)	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-06	Review & Approval of Shop drawing for Road Segment from Station 1+680 to Station 2+191 ( Area A)	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO Road Segment from Station 0+000 to Station 1+680 ( Area C) - Plan, Profile and Cross</b>					
<b>15-11-RA section</b>					
CS-SH-W-07	Prep. & Sub. Shop drawing for Road Segment from station 0+000 to station 0+200	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-08	Review & Approval of Shop drawing for Road Segment from station 0+000 to station 0+200	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-08a	Prep. & Sub. Shop drawing for Road Segment from station 0+200 to station 0+450	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-08b	Review & Approval of Shop drawing for Road Segment from station 0+200 to station 0+450	Not Started	\$0.00	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
CS-SH-W-09	Prep. & Sub. Shop drawing for Road Segment from station 0+450 to station 0+900	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-10	Review & Approval of Shop drawing for Road Segment from station 0+450 to station 0+900	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-455	Prep. & Sub. Shop drawing for Road Segment B from station B0+000 to station B0+103	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-460	Review & Approval of Shop drawing for Road Segment from station B0+000 to station B0+103	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-470	Prep. & Sub. Shop drawing for Road Segment A from station A0+000 to station A0+160	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-480	Review & Approval of Shop drawing for Road Segment A from station A0+000 to station A0+160	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-490	Prep. & Sub. Shop drawing for Road Segment from station 0+900 to station 1+680	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-500	Review & Approval of Shop drawing for Road Segment from station 0+900 to station 1+680	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO</b>	<b>Concrete Wall</b>				
<b>15-11-RA</b>					
CS-SH-W-065	Prep. & Sub. Shop drawing for Retaining Wall from station 0+013 to Station 0+087	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-070	Review & Approval of Shop drawing for Retaining Wall from station 0+013 to Station 0+087	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-180	Prep. & Sub. Shop drawing for Retaining Wall from station 0+420 to Station 0+461	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-190	Review & Approval of Shop drawing for Retaining Wall from station 0+420 to Station 0+461	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-240	Prep. & Sub. Shop drawing for Retaining Wall from station S0+014 to Station S0+049 RHS	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-250	Review & Approval of Shop drawing for Retaining Wall from station S0+014 to Station S0+049 RHS	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-300	Prep. & Sub. Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS	Not Started	\$0.00	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
CS-SH-W-310	Review & Approval of Shop drawing for Retaining Wall from station S0+000 to Station S0+039 LHS	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-340	Prep. & Sub. Shop drawing for Retaining Wall from station 1+010 to Station 1+049	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-350	Review & Approval of Shop drawing for Retaining Wall from station 1+010 to Station 1+049	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Pipe Culvert</b>				
CS-SH-W-155	Prep. & Sub. Shop drawing for Pipe Culvert at Station 0+720	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-160	Review & Approval of Shop drawing for Pipe Culvert at Station 0+720	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-165	Prep. & Sub. Shop drawing for Pipe Culvert at Station 0+953	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-170	Review & Approval of Shop drawing for for Pipe Culvert at Station 0+953	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-440	Prep. & Sub. Shop drawing for Pipe Culvert at Station 1+166	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-450	Review & Approval of Shop drawing for for Pipe Culvert at Station 1+166	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Storm water Drainage Pipes</b>				
CS-SH-W-125	Prep. & Sub. Shop drawing for Storm water Drainage Pipes from station A 0+083 to Station 0+469	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-W-130	Review & Approval of Shop drawing for Storm water Drainage Pipes from station A 0+083 to Station 0+469	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Road Furniture</b>				
CS-SH-510	Prep. & Sub. Shop drawing for Street Lighting Poles	Not Started	\$0.00	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
CS-SH-520	Review & Approval of Shop drawing for Street Lighting Poles	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-530	Prep. & Sub. Shop drawing for Road Marking and Furniture	Not Started	\$0.00	\$0.00	\$0.00
CS-SH-540	Review & Approval of Shop drawing for Road Marking and Furniture	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Material Submittals</b>				
<b>TO 15-11-RA</b>	<b>Mechanical Material Submittals</b>				
MMS-SUB-1000	Prep. & Sub. Dismantling joints	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1010	Review & Approval of Dismantling joints	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1020	Prep. & Sub. Flanges	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1030	Review & Approval of Flanges	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1040	Prep. & Sub. Pressure Gauge, ball valve, and snubber	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1050	Review & Approval of Pressure Gauge, ball valve, and snubber	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1060	Prep. & Sub. Heat Shrinkable for Steel Pipes	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1070	Review & Approval of Heat Shrinkable for Steel Pipes	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1080	Prep. & Sub. Storm water Drainage Pipes	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1090	Review & Approval of Storm water Drainage Pipes	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1100	Prep. & Sub. Combination Air Valve	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1110	Review & Approval of Combination Air Valve	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1180	Prep. & Sub. 3" Steel Pipes	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1190	Review & Approval of 3" Steel Pipes	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1200	Prep. & Sub. Gate Valve	Not Started	\$0.00	\$0.00	\$0.00
MMS-SUB-1210	Review & Approval of Gate Valve	Not Started	\$0.00	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO</b>	<b>Civil Material Submittals</b>				
<b>15-11-RA</b>					
CMS-SUB-1000	Prep. & Sub. Bedding Material	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1010	Review & Approval of Bedding Material	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1020	Prep. & Sub. Single Size Backfilling Material	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1030	Review & Approval of Single Size Backfilling Material	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1040	Prep. & Sub. Base Course	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1050	Review & Approval of Base Course	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1060	Prep. & Sub. Curbstone	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1070	Review & Approval of Curbstone	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1080	Prep. & Sub. Guard rail	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1090	Review & Approval of Guard rail	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1100	Prep. & Sub. Traffic Signs	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1110	Review & Approval of Traffic Signs	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1120	Prep. & Sub. Road Marking Paint	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1130	Review & Approval of Road Marking Paint	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1140	Prep. & Sub. Concrete Mix Design	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1150	Review & Approval of Concrete Mix Design	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1160	Prep. & Sub. Steel Reinforcement	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1170	Review & Approval of Steel Reinforcement	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1180	Prep. & Sub. Bituminous Cold Material	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1190	Review & Approval of Bituminous Cold Material	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1200	Prep. & Sub. Manhole covers and frames	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1210	Review & Approval of Manhole covers and frames	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1220	Prep. & Sub. Pipe's supports	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1230	Review & Approval of Pipe's supports	Not Started	\$0.00	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
CMS-SUB-1240	Prep. & Sub. Manhole Rungs	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1250	Review & Approval of Manhole Rungs	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1260	Prep. & Sub. Asphalt Mix Design - Binder Course	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1270	Review & Approval of Asphalt Mix Design - Binder Course	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1280	Prep. & Sub. Prime Coat and Tack Coat	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1290	Review & Approval of Prime Coat and Tack Coat	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1300	Prep. & Sub. Sub Base Course	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1310	Review & Approval of Sub Base Course	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1311	Prep. & Sub. Asphalt Mix Design - Wearing Course	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1312	Review & Approval of Asphalt Mix Design - Wearing Course	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1322	Prep. & Sub. Catch basin	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1332	Review & Approval of Catch basin	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1342	Prep. & Sub. Hand Rail	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1352	Review & Approval of Hand Rail	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1362	Prep. & Sub. Cat eyes	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1372	Review & Approval of Cat eyes	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1520	Prep. & Sub. Identification Tape	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1530	Review & Approval of Identification Tape	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1540	Prep. & Sub. Interlock Tiles	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1550	Review & Approval of Interlock Tiles	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1560	Prep. & Sub. Landscaping Materials	Not Started	\$0.00	\$0.00	\$0.00
CMS-SUB-1570	Review & Approval of Landscaping Materials	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO</b>	<b>Electrical Material Submittals</b>				
<b>15-11-RA</b>	EMS-SUB-1322	Prep. & Sub. Lighting Poles	Not Started	\$0.00	\$0.00
	EMS-SUB-1332	Review & Approval of Lighting Poles	Not Started	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO</b>	<b>Method Statement</b>				
<b>15-11-RA</b>					
MS-SUB-1040	Prep. & Sub. Concrete Repair Method Statement	Not Started	\$0.00	\$0.00	\$0.00
MS-SUB-1050	Review & Approval of Concrete Repair Method Statement	Not Started	\$0.00	\$0.00	\$0.00
MS-SUB-1060	Prep. & Sub. Storm water Pipe installation Method Statement	Not Started	\$0.00	\$0.00	\$0.00
MS-SUB-1070	Review & Approval of Storm water Pipe installation Method Statement	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO</b>	<b>Procurement</b>				
<b>15-11-RA</b>					
PRO-1000	Order and delivery of 3" Steel Pipes	Not Started	\$0.00	\$0.00	\$0.00
PRO-1010	Order and Delivery of Mechanical Fittings	Not Started	\$0.00	\$0.00	\$0.00
PRO-1020	Order and Delivery of Storm water Drainage Pipes	Not Started	\$0.00	\$0.00	\$0.00
PRO-1030	Order and Delivery of Street Lighting Poles	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO</b>	<b>Execution</b>				
<b>15-11-RA</b>					
<b>TO</b>	<b>Road Segment from Station 0+000 to Station 1+680 ( Area C)</b>				
<b>15-11-RA</b>					
<b>TO</b>	<b>Traffic Control Plan Area C</b>				
<b>15-11-RA</b>					

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
E-C-100	Implementation of Traffic Control Plan - Road Segment from Station 0+000 to Station 1+680 ( Area C)	Not Started	\$0.00	\$0.00	\$0.00
E-C-105	Maintain of Traffic Control Plan and Safety - Road Segment from Station 0+000 to Station 1+680 ( Area C)	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Phase I - Road Segment from Station 0+000 to Station 0+200 and Segment B</b>				
<b>TO 15-11-RA</b>	<b>Phase I-A - Construction of Road Segment from Station 0+000 to Station 0+200</b>				
<b>TO 15-11-RA</b>	<b>Traffic Control Plan and Safety Measures</b>				
E-Ph-I-A-1090	Implementation of Traffic Control Plan - Close Road from Sta. 0+000 to Sta. 0+200 and use Segment B as a detour	Not Started	\$0.00	\$0.00	\$0.00
E-Ph-I-A-1100	Maintain of Traffic Control Plan and Safety - Close Road from Sta. 0+000 to Sta. 0+200 and use Segment B as a detour	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Retaining Wall from Station 0+000 to Station 0+087</b>				
E-Ph-I-A-0990	Structural Excavation for Retaining Wall	Not Started	\$2,050.00	\$0.00	\$2,050.00
E-Ph-I-A-1000	Construction of Reinforced Concrete Wall from Station 0+013 to Station 0+058 (including Backfilling)	Not Started	\$21,018.00	\$0.00	\$21,018.00
E-Ph-I-A-1010	Construction of Reinforced Concrete Wall from Station 0+058 to Station 0+087 (including Backfilling)	Not Started	\$20,266.00	\$0.00	\$20,266.00
<b>Subtotal</b>			<b>\$43,334.00</b>	<b>\$0.00</b>	<b>\$43,334.00</b>
<b>TO 15-11-RA</b>	<b>Road Work from Station 0+000 to Station 0+200</b>				
E-Ph-I-A-1060	Excavation / Cut to specified level for Road Segment from Station 0+000 to Station 0+200	Not Started	\$14,400.00	\$0.00	\$14,400.00
E-Ph-I-A-1070	Soil Replacement for Road Segment from Station 0+100 to Station 0+195	Not Started	\$11,082.00	\$0.00	\$11,082.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
E-Ph-I-A-1080	Base course layers for Road Segment from Station 0+000 to Station 0+200	Not Started	\$13,000.00	\$0.00	\$13,000.00
E-Ph-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	Not Started	\$23,350.00	\$0.00	\$23,350.00
E-Ph-I-A-1095	6cm Asphalt Wearing Course layer (including MC) for road segment from Station 0+000 to Station 0+200	Not Started	\$21,120.00	\$0.00	\$21,120.00
<b>Subtotal</b>			<b>\$82,952.00</b>	<b>\$0.00</b>	<b>\$82,952.00</b>
<b>Subtotal</b>			<b>\$126,286.00</b>	<b>\$0.00</b>	<b>\$126,286.00</b>
<b>TO 15-11-RA</b>	<b>Phase I-B - Construction of Road Segment B</b>				
<b>TO 15-11-RA</b>	<b>Traffic Control Plan and Safety Measures</b>				
E-PH-I-B-1060	Implementation of Traffic Control Plan for Segment B and use Road from Sta. 0+000 to Sta. 0+200 as a detour as required	Not Started	\$0.00	\$0.00	\$0.00
E-PH-I-B-1070	Maintain of Traffic Control Plan for Segment B and use Road from Sta. 0+000 to Sta. 0+200 as a detour as required	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Road Work for Segment B from Station B0+000 to Station B0+103</b>				
E-PH-I-B-1080	Excavation / Cut to specified level for Road Segment B from Station B0+000 to Station B0+103	Not Started	\$6,000.00	\$0.00	\$6,000.00
E-PH-I-B-1090	Construction of Stone wall at Segment B	Not Started	\$2,300.00	\$0.00	\$2,300.00
E-PH-I-B-1100	Base course layers for Road Segment B from Station B0+000 to Station B0+103	Not Started	\$7,000.00	\$0.00	\$7,000.00
E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0	Not Started	\$23,350.00	\$0.00	\$23,350.00
E-PH-I-B-1120	6cm Asphalt Wearing Course layer (including MC) for road segment B from Station B0+000 to Station B0+103	Not Started	\$14,080.00	\$0.00	\$14,080.00
<b>Subtotal</b>			<b>\$52,730.00</b>	<b>\$0.00</b>	<b>\$52,730.00</b>

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>Subtotal</b>			<b>\$52,730.00</b>	<b>\$0.00</b>	<b>\$52,730.00</b>
<b>Subtotal</b>			<b>\$179,016.00</b>	<b>\$0.00</b>	<b>\$179,016.00</b>
<b>TO 15-11-RA</b>	<b>Phase II - Road Segment from Station A0+000 to Station 0+480</b>				
<b>TO 15-11-RA</b>	<b>Traffic Control Plan and Safety Measures</b>				
E-PH-II-1040	Implementation of Traffic Control Plan - Phase II	Not Started	\$0.00	\$0.00	\$0.00
E-PH-II-1050	Maintain of Traffic Control Plan and Safety - Phase II	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Phase II - Road Segment from Station A0+000 to Station 0+480 - LHS</b>				
<b>TO 15-11-RA</b>	<b>Road Work from Station A0+000 to Station 0+480 - LHS</b>				
E-PH-II-L-100C	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 LHS	Not Started	\$27,000.00	\$0.00	\$27,000.00
E-PH-II-L-101C	Replacement of Existing Soil from Station A0+000 to Station 0+340 LHS	Not Started	\$25,858.00	\$0.00	\$25,858.00
E-PH-II-L-102C	Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 LHS	Not Started	\$23,460.00	\$0.00	\$23,460.00
E-PH-II-L-103C	Base course layers for Road Segment from Station A0+000 to Station 0+480 LHS	Not Started	\$15,380.00	\$0.00	\$15,380.00
E-PH-II-L-104C	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	Not Started	\$39,775.00	\$0.00	\$39,775.00
<b>Subtotal</b>			<b>\$131,473.00</b>	<b>\$0.00</b>	<b>\$131,473.00</b>
<b>Subtotal</b>			<b>\$131,473.00</b>	<b>\$0.00</b>	<b>\$131,473.00</b>

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>TO 15-11-RA</b>	<b>Phase II - Road Segment from Station A0+000 to Station 0+480 - RHS</b>				
<b>TO 15-11-RA</b>	<b>New and Existing Utilities</b>				
	E-PH-II-R-100(Relocation of underground Medium Voltage Cables by JDECO - RHS	Not Started	\$0.00	\$0.00	\$0.00
	E-PH-II-R-101(Installation of Storm water Drainage Pipes from station A 0+083 to Station 0+469 - RHS	Not Started	\$94,864.00	\$0.00	\$94,864.00
	<b>Subtotal</b>		<b>\$94,864.00</b>	<b>\$0.00</b>	<b>\$94,864.00</b>
<b>TO 15-11-RA</b>	<b>Retaining Wall from Station 0+420 to Station 0+461 - RHS</b>				
	E-PH-II-R-104(Structural Excavation for Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS	Not Started	\$2,050.00	\$0.00	\$2,050.00
	E-PH-II-R-105(Construction of Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS (including Backfilling)	Not Started	\$27,093.00	\$0.00	\$27,093.00
	<b>Subtotal</b>		<b>\$29,143.00</b>	<b>\$0.00</b>	<b>\$29,143.00</b>
<b>TO 15-11-RA</b>	<b>Road Work from Station A0+000 to Station 0+480 - RHS</b>				
	E-PH-II-R-102(Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 RHS	Not Started	\$27,000.00	\$0.00	\$27,000.00
	E-PH-II-R-102(Replacement of Existing Soil from Station A0+000 to Station 0+340 RHS	Not Started	\$25,858.00	\$0.00	\$25,858.00
	E-PH-II-R-103(Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 RHS	Not Started	\$23,460.00	\$0.00	\$23,460.00
	E-PH-II-R-104(Base course layers for Road Segment from Station A0+000 to Station 0+480 RHS	Not Started	\$15,380.00	\$0.00	\$15,380.00
	E-PH-II-R-108(Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	Not Started	\$41,025.00	\$0.00	\$41,025.00
	<b>Subtotal</b>		<b>\$132,723.00</b>	<b>\$0.00</b>	<b>\$132,723.00</b>

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>Subtotal</b>			<b>\$256,730.00</b>	<b>\$0.00</b>	<b>\$256,730.00</b>
<b>TO 15-11-RA</b>	<b>Asphalt work for Phase II - Road Segment from Station A0+000 to Station 0+480</b>				
E-AS-1020	Asphalt Binder Course layer (including MC) for road segment from Station A0+000 to Station 0+480	Not Started	\$55,250.00	\$0.00	\$55,250.00
<b>Subtotal</b>			<b>\$55,250.00</b>	<b>\$0.00</b>	<b>\$55,250.00</b>
<b>Subtotal</b>			<b>\$443,453.00</b>	<b>\$0.00</b>	<b>\$443,453.00</b>
<b>TO 15-11-RA</b>	<b>Phase III - Road Segment from Station 0+480 to Station 0+880</b>				
<b>TO 15-11-RA</b>	<b>Traffic Control Plan and Safety Measures - from Station 0+480 to Station 0+880</b>				
E-PH-III-1050	Implementation of Traffic Control Plan - Phase III	Not Started	\$0.00	\$0.00	\$0.00
E-PH-III-1060	Maintain of Traffic Control Plan and Safety - Phase III	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Phase III - Road Segment from 0+480 to Station 0+880 - LHS</b>				
<b>TO 15-11-RA</b>	<b>New and Existing Utilities</b>				
E-PH-III-L-108	Construction of Pipe Culvert at Station 0+720 500mm length 12 m - LHS	Not Started	\$1,219.50	\$0.00	\$1,219.50
<b>Subtotal</b>			<b>\$1,219.50</b>	<b>\$0.00</b>	<b>\$1,219.50</b>
<b>TO 15-11-RA</b>	<b>Road Work from Station 0+480 to Station 0+880 - LHS</b>				
E-PH-III-L-100	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 LHS	Not Started	\$27,600.00	\$0.00	\$27,600.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
E-PH-III-L-101	Replacement of Existing Soil from Station 0+536 to Station 0+880 LHS	Not Started	\$14,776.00	\$0.00	\$14,776.00
E-PH-III-L-102	Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 LHS	Not Started	\$16,330.00	\$0.00	\$16,330.00
E-PH-III-L-103	Base course layers for Road Segment from Station 0+480 to Station 0+880 LHS	Not Started	\$21,520.00	\$0.00	\$21,520.00
E-PH-III-L-104	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	Not Started	\$29,550.00	\$0.00	\$29,550.00
E-PH-III-L-111	Construction of Stone wall from station 0+854 to station 0+872	Not Started	\$920.00	\$0.00	\$920.00
<b>Subtotal</b>			<b>\$110,696.00</b>	<b>\$0.00</b>	<b>\$110,696.00</b>
<b>Subtotal</b>			<b>\$111,915.50</b>	<b>\$0.00</b>	<b>\$111,915.50</b>
<b>TO 15-11-RA</b>	<b>Phase III - Road Segment from Station 0+480 to Station 0+880 - RHS</b>				
<b>TO 15-11-RA</b>	<b>New and Existing Utilities</b>				
E-PH-III-R-106	Relocation of underground Medium Voltage Cables by JDECO - RHS	Not Started	\$24,000.00	\$0.00	\$24,000.00
E-PH-III-R-106	Construction of Pipe Culvert at Station 0+720 500mm length 12 m - RHS	Not Started	\$1,219.50	\$0.00	\$1,219.50
<b>Subtotal</b>			<b>\$25,219.50</b>	<b>\$0.00</b>	<b>\$25,219.50</b>
<b>TO 15-11-RA</b>	<b>Road Work from Station 0+480 to Station 0+880 - RHS</b>				
E-PH-III-R-100	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 RHS	Not Started	\$27,600.00	\$0.00	\$27,600.00
E-PH-III-R-101	Replacement of Existing Soil from Station 0+536 to Station 0+880 RHS	Not Started	\$14,776.00	\$0.00	\$14,776.00
E-PH-III-R-102	Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 RHS	Not Started	\$16,330.00	\$0.00	\$16,330.00
E-PH-III-R-103	Base course layers for Road Segment from Station 0+480 to Station 0+880 RHS	Not Started	\$21,520.00	\$0.00	\$21,520.00
E-PH-III-R-104	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	Not Started	\$29,550.00	\$0.00	\$29,550.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>Subtotal</b>			<b>\$109,776.00</b>	<b>\$0.00</b>	<b>\$109,776.00</b>
<b>Subtotal</b>			<b>\$134,995.50</b>	<b>\$0.00</b>	<b>\$134,995.50</b>
<b>TO 15-11-RA</b>	<b>Asphalt work for Phase III - Road Segment from Station 0+480 to Station 0+880</b>				
E-AS-1000	Asphalt Binder Course layer (including MC) for road segment from Station 0+480 to Station 0+880	Not Started	\$63,896.00	\$0.00	\$63,896.00
<b>Subtotal</b>			<b>\$63,896.00</b>	<b>\$0.00</b>	<b>\$63,896.00</b>
<b>Subtotal</b>			<b>\$310,807.00</b>	<b>\$0.00</b>	<b>\$310,807.00</b>
<b>TO 15-11-RA</b>	<b>Phase IV - Road Segment from Station 0+880 to Station 1+080</b>				
<b>TO 15-11-RA</b>	<b>Traffic Control Plan and Safety Measures - from Station 0+880 to Station 1+080</b>				
E-PH-IV-1050	Implementation of Traffic Control Plan - Phase IV	Not Started	\$0.00	\$0.00	\$0.00
E-PH-IV-1060	Maintain of Traffic Control Plan and Safety - Phase IV	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Phase IV - Road Segment from 0+880 to Station 1+080 - LHS</b>				
<b>TO 15-11-RA</b>	<b>New and Existing Utilities</b>				
E-PH-IV-L-109	Construction of Pipe Culvert at Station 0+953 1000mm length 15 m - LHS	Not Started	\$2,200.00	\$0.00	\$2,200.00
E-PH-IV-L-117	Construction of Foundation of Electrical Poles	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$2,200.00</b>	<b>\$0.00</b>	<b>\$2,200.00</b>

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>TO 15-11-RA</b>	<b>Road Work from Station 0+880 to Station 1+080 - LHS</b>				
	E-PH-IV-L-100 Excavation / Cut to specified level for Road Segment from Station 0+880 to Station 1+080 LHS	Not Started	\$19,800.00	\$0.00	\$19,800.00
	E-PH-IV-L-101 Replacement of Existing Soil from Station 0+880 to Station 1+080 LHS	Not Started	\$12,005.50	\$0.00	\$12,005.50
	E-PH-IV-L-102 Sub base layer and Subgrade preparation for Road Segment from Station 0+880 to Station 1+080 LHS	Not Started	\$18,630.00	\$0.00	\$18,630.00
	E-PH-IV-L-103 Base course layers for Road Segment from Station 0+880 to Station 1+080 LHS	Not Started	\$9,600.00	\$0.00	\$9,600.00
	E-PH-IV-L-104 Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	Not Started	\$54,975.00	\$0.00	\$54,975.00
	<b>Subtotal</b>		<b>\$115,010.50</b>	<b>\$0.00</b>	<b>\$115,010.50</b>
	<b>Subtotal</b>		<b>\$117,210.50</b>	<b>\$0.00</b>	<b>\$117,210.50</b>
<b>TO 15-11-RA</b>	<b>Phase IV - Road Segment from 0+880 to Station 1+080 - RHS</b>				
<b>TO 15-11-RA</b>	<b>New and Existing Utilities</b>				
	E-PH-IV-R-107 Relocation of underground Medium Voltage Cables by JDECO - RHS	Not Started	\$0.00	\$0.00	\$0.00
	E-PH-IV-R-108 Excavation, Bedding, Installation and Backfilling of 3" steel pipes from station 0+935 to Station 1+080 RHS	Not Started	\$27,600.00	\$0.00	\$27,600.00
	E-PH-IV-R-109 Construction of Pipe Culvert at Station 0+953 1000mm length 15 m - RHS	Not Started	\$2,200.00	\$0.00	\$2,200.00
	E-PH-IV-R-116 Construction of Foundation of Electrical Poles	Not Started	\$0.00	\$0.00	\$0.00
	<b>Subtotal</b>		<b>\$29,800.00</b>	<b>\$0.00</b>	<b>\$29,800.00</b>
<b>TO 15-11-RA</b>	<b>Concrete Work at Station 0+970</b>				
<b>TO 15-11-RA</b>	<b>Retaining Wall from Station S0+014 to Station S0+049 - RHS</b>				

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
	E-PH-IV-R: Structural Excavation for Reinforced Concrete Wall from Station S0+014 to Station S0+049 RHS	Not Started	\$2,050.00	\$0.00	\$2,050.00
	E-PH-IV-R: Construction of Reinforced Concrete Wall from Station S0+014 to Station S0+049 RHS (including Backfilling)	Not Started	\$25,692.00	\$0.00	\$25,692.00
	<b>Subtotal</b>		<b>\$27,742.00</b>	<b>\$0.00</b>	<b>\$27,742.00</b>
<b>TO 15-11-RA</b>	<b>Retaining Wall from Station S0+000 to Station S0+039 - LHS</b>				
	E-PH-IV-R: Structural Excavation for Reinforced Concrete Wall from Station S0+000 to Station S0+039 LHS	Not Started	\$2,050.00	\$0.00	\$2,050.00
	E-PH-IV-R: Construction of Reinforced Concrete Wall from Station S0+000 to Station S0+039 LHS (including Backfilling)	Not Started	\$26,068.00	\$0.00	\$26,068.00
	<b>Subtotal</b>		<b>\$28,118.00</b>	<b>\$0.00</b>	<b>\$28,118.00</b>
<b>TO 15-11-RA</b>	<b>Retaining Wall from Station 1+010 to Station 1+049 - RHS</b>				
	E-PH-IV-R: Structural Excavation for Reinforced Concrete Wall from Station 1+010 to Station 1+049 RHS	Not Started	\$2,050.00	\$0.00	\$2,050.00
	E-PH-IV-R: Construction of Reinforced Concrete Wall from Station 1+010 to Station 1+049 (including Backfilling)	Not Started	\$22,993.00	\$0.00	\$22,993.00
	<b>Subtotal</b>		<b>\$25,043.00</b>	<b>\$0.00</b>	<b>\$25,043.00</b>
	<b>Subtotal</b>		<b>\$80,903.00</b>	<b>\$0.00</b>	<b>\$80,903.00</b>
<b>TO 15-11-RA</b>	<b>Road Work from Station 0+880 to Station 1+080 - RHS</b>				
	E-PH-IV-R-100 Excavation / Cut to specified level for Road Segment from Station 0+880 to Station 1+080 RHS	Not Started	\$19,800.00	\$0.00	\$19,800.00
	E-PH-IV-R-101 Replacement of Existing Soil from Station 0+880 to Station 1+080 RHS	Not Started	\$12,005.50	\$0.00	\$12,005.50
	E-PH-IV-R-102 Sub base layer and Subgrade preparation for Road Segment from Station 0+880 to Station 1+080 RHS	Not Started	\$18,630.00	\$0.00	\$18,630.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
	E-PH-IV-R-103 Base course layers for Road Segment from Station 0+880 to Station 1+080 RHS	Not Started	\$9,600.00	\$0.00	\$9,600.00
	E-PH-IV-R-104 Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	Not Started	\$54,975.00	\$0.00	\$54,975.00
<b>Subtotal</b>			<b>\$115,010.50</b>	<b>\$0.00</b>	<b>\$115,010.50</b>
<b>Subtotal</b>			<b>\$225,713.50</b>	<b>\$0.00</b>	<b>\$225,713.50</b>
<b>TO 15-11-RA</b>	<b>Asphalt work for Phase IV - Road Segment from 0+880 to Station 1+080</b>				
E-AS-1035	Asphalt Binder Course layer (including MC) for road segment from Station 0+880 to Station 1+080	Not Started	\$42,281.00	\$0.00	\$42,281.00
<b>Subtotal</b>			<b>\$42,281.00</b>	<b>\$0.00</b>	<b>\$42,281.00</b>
<b>Subtotal</b>			<b>\$385,205.00</b>	<b>\$0.00</b>	<b>\$385,205.00</b>
<b>TO 15-11-RA</b>	<b>Phase V - Road Segment from Station 1+080 to Station 1+680</b>				
<b>TO 15-11-RA</b>	<b>Traffic Control Plan and Safety Measures - from Station 1+080 to Station 1+680</b>				
E-PH-V-1050	Implementation of Traffic Control Plan - Phase V	Not Started	\$0.00	\$0.00	\$0.00
E-PH-V-1060	Maintain of Traffic Control Plan and Safety - Phase V	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Phase V - Road Segment from Station 1+080 to Station 1+680 - LHS</b>				
<b>TO 15-11-RA</b>	<b>Pipe Culvert</b>				
E-PH-V-L-107C	Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - LHS	Not Started	\$2,200.00	\$0.00	\$2,200.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>Subtotal</b>			<b>\$2,200.00</b>	<b>\$0.00</b>	<b>\$2,200.00</b>
<b>TO 15-11-RA</b>	<b>Road Work from Station 1+080 to Station 1+680 - LHS</b>				
	E-PH-V-L-100C Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 LHS	Not Started	\$27,600.00	\$0.00	\$27,600.00
	E-PH-V-L-101C Replacement of Existing Soil from Station 1+189 to Station 1+317 LHS	Not Started	\$11,082.00	\$0.00	\$11,082.00
	E-PH-V-L-102C Sub base layer and Subgrade preparation for Road Segment from Station 1+080 to Station 1+680 LHS	Not Started	\$21,160.00	\$0.00	\$21,160.00
	E-PH-V-L-103C Base course layers for Road Segment from Station 1+080 to Station 1+680 LHS	Not Started	\$19,200.00	\$0.00	\$19,200.00
	E-PH-V-L-104C Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	Not Started	\$40,550.00	\$0.00	\$40,550.00
<b>Subtotal</b>			<b>\$119,592.00</b>	<b>\$0.00</b>	<b>\$119,592.00</b>
<b>Subtotal</b>			<b>\$121,792.00</b>	<b>\$0.00</b>	<b>\$121,792.00</b>
<b>TO 15-11-RA</b>	<b>Phase V - Road Segment from Station 1+080 to Station 1+680 - RHS</b>				
<b>TO 15-11-RA</b>	<b>Pipe Culvert</b>				
	E-PH-V-R-110C Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - RHS	Not Started	\$2,200.00	\$0.00	\$2,200.00
<b>Subtotal</b>			<b>\$2,200.00</b>	<b>\$0.00</b>	<b>\$2,200.00</b>
<b>TO 15-11-RA</b>	<b>New and Existing Utilities</b>				
	E-PH-V-R-106C Relocation of underground Medium Voltage Cables by JDECO - RHS	Not Started	\$0.00	\$0.00	\$0.00
	E-PH-V-R-107C Excavation, Bedding, Installation and Backfilling of 3" steel pipes from station 1+080 to Station 1+680 RHS	Not Started	\$73,600.00	\$0.00	\$73,600.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>Subtotal</b>			<b>\$73,600.00</b>	<b>\$0.00</b>	<b>\$73,600.00</b>
<b>TO 15-11-RA</b>	<b>Road Work from Station 1+080 to Station 1+680 - RHS</b>				
E-PH-V-R-100	Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 RHS	Not Started	\$27,600.00	\$0.00	\$27,600.00
E-PH-V-R-101	Replacement of Existing Soil from Station 1+189 to Station 1+317 RHS	Not Started	\$11,082.00	\$0.00	\$11,082.00
E-PH-V-R-102	Sub base layer and Subgrade preparation for Road Segment from Station 1+080 to Station 1+680 RHS	Not Started	\$21,160.00	\$0.00	\$21,160.00
E-PH-V-R-103	Base course layers for Road Segment from Station 1+080 to Station 1+680 RHS	Not Started	\$19,200.00	\$0.00	\$19,200.00
<b>Subtotal</b>			<b>\$79,042.00</b>	<b>\$0.00</b>	<b>\$79,042.00</b>
<b>Subtotal</b>			<b>\$154,842.00</b>	<b>\$0.00</b>	<b>\$154,842.00</b>
<b>TO 15-11-RA</b>	<b>Asphalt work for Phase V - Road Segment from Station 1+080 to Station 1+680</b>				
E-AS-1045	Asphalt Binder Course layer (including MC) for road segment from Station 1+080 to Station 1+680	Not Started	\$99,798.00	\$0.00	\$99,798.00
<b>Subtotal</b>			<b>\$99,798.00</b>	<b>\$0.00</b>	<b>\$99,798.00</b>
<b>Subtotal</b>			<b>\$376,432.00</b>	<b>\$0.00</b>	<b>\$376,432.00</b>
<b>TO 15-11-RA</b>	<b>Asphalt work and Road Furniture</b>				
<b>TO 15-11-RA</b>	<b>Asphalt Work for Road Segment from Station 0+000 to Station 480</b>				
E-AS-1030	Asphalt Wearing Course layer (including RC) for road segment from Station A0+000 to Station 0+480	Not Started	\$64,880.00	\$0.00	\$64,880.00
<b>Subtotal</b>			<b>\$64,880.00</b>	<b>\$0.00</b>	<b>\$64,880.00</b>

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>TO 15-11-RA Asphalt Work for Road Segment from Station 0+480 to Station 0+880</b>					
E-AS-1010	Asphalt Wearing Course layer (including RC) for road segment from Station 0+480 to Station 0+880	Not Started	\$72,050.00	\$0.00	\$72,050.00
<b>Subtotal</b>			<b>\$72,050.00</b>	<b>\$0.00</b>	<b>\$72,050.00</b>
<b>TO 15-11-RA Asphalt Work for Road Segment from Station 0+880 to Station 1+080</b>					
E-AS-1040	Asphalt Wearing Course layer (including RC) for road segment from Station 0+880 to Station 1+080	Not Started	\$49,451.00	\$0.00	\$49,451.00
<b>Subtotal</b>			<b>\$49,451.00</b>	<b>\$0.00</b>	<b>\$49,451.00</b>
<b>TO 15-11-RA Asphalt Work for Road Segment from Station 1+080 to Station 1+680</b>					
E-AS-1050	Asphalt Wearing Course layer (including RC) for road segment from Station 1+080 to Station 1+680	Not Started	\$110,957.00	\$0.00	\$110,957.00
<b>Subtotal</b>			<b>\$110,957.00</b>	<b>\$0.00</b>	<b>\$110,957.00</b>
<b>TO 15-11-RA Road Furniture</b>					
E-195	Road Marking	Not Started	\$58,731.00	\$0.00	\$58,731.00
E-200	Installation of Traffic Signs	Not Started	\$22,730.20	\$0.00	\$22,730.20
E-205	Installation of Steel guard Rail	Not Started	\$12,900.00	\$0.00	\$12,900.00
E-210	Installation of Steel Handrail for Pedestrians	Not Started	\$40,000.00	\$0.00	\$40,000.00
E-225	Landscaping	Not Started	\$47,100.00	\$0.00	\$47,100.00
E-240	Installation of Street Lighting	Not Started	\$56,640.00	\$0.00	\$56,640.00
<b>Subtotal</b>			<b>\$238,101.20</b>	<b>\$0.00</b>	<b>\$238,101.20</b>

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
<b>Subtotal</b>			<b>\$535,439.20</b>	<b>\$0.00</b>	<b>\$535,439.20</b>
<b>TO 15-11-RA</b>	<b>Mechanical Installation and Testing</b>				
E-100	Construction of Gate Valves	Not Started	\$0.00	\$0.00	\$0.00
E-110	Construction of Air Release Valves	Not Started	\$0.00	\$0.00	\$0.00
E-125	Mechanical valves Installation	Not Started	\$8,680.00	\$0.00	\$8,680.00
E-135	Water Pipe line Testing	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$8,680.00</b>	<b>\$0.00</b>	<b>\$8,680.00</b>
<b>Subtotal</b>			<b>\$2,239,032.20</b>	<b>\$0.00</b>	<b>\$2,239,032.20</b>
<b>TO 15-11-RA</b>	<b>Phase VI - Road Segment from Station 1+680 to Station 2+191 ( Area A) Milling and Overlay</b>				
<b>TO 15-11-RA</b>	<b>Traffic Control Plan and Safety Measures</b>				
E-PH-VI-1050	Implementation of Traffic Control Plan - Road Segment from Station 1+680 to Station 2+191 ( Area A)	Not Started	\$0.00	\$0.00	\$0.00
E-PH-VI-1060	Maintain of Traffic Control Plan and Safety - Road Segment from Station 1+680 to Station 2+191 ( Area A)	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TO 15-11-RA</b>	<b>Asphalting – Milling &amp; Overlay</b>				
E-PH-VI-1000	Milling of the existing road from Station 1+680 to Station 2+191 ( Area A)	Not Started	\$27,500.00	\$0.00	\$27,500.00
E-PH-VI-1005	Replace defective areas in the existing road from Station 1+680 to Station 2+191 ( Area A)	Not Started	\$107,760.00	\$0.00	\$107,760.00
E-PH-VI-1010	Asphalt Wearing Course Layer for Road Segment from Station 1+680 to Station 2+191 ( Area A)	Not Started	\$145,660.00	\$0.00	\$145,660.00
E-PH-VI-1020	Paint existing Curb stone	Not Started	\$4,070.00	\$0.00	\$4,070.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
E-PH-VI-1030	Concrete Pedestrian Stairs at Station 1+850	Not Started	\$28,300.00	\$0.00	\$28,300.00
<b>Subtotal</b>			<b>\$313,290.00</b>	<b>\$0.00</b>	<b>\$313,290.00</b>
<b>Subtotal</b>			<b>\$313,290.00</b>	<b>\$0.00</b>	<b>\$313,290.00</b>
<b>TO 15-11-RA Misc</b>					
E-1000	Base-course for Temporary Detours	Not Started	\$8,100.00	\$0.00	\$8,100.00
E-1010	Road Crossings (Sleeves) - 10" dia. Pipe	Not Started	\$8,112.00	\$0.00	\$8,112.00
<b>Subtotal</b>			<b>\$16,212.00</b>	<b>\$0.00</b>	<b>\$16,212.00</b>
<b>Subtotal</b>			<b>\$2,568,534.20</b>	<b>\$0.00</b>	<b>\$2,568,534.20</b>
<b>Subtotal</b>			<b>\$2,568,534.20</b>	<b>\$0.00</b>	<b>\$2,568,534.20</b>
<b>TO 15-11-RAF-B Post Construction Phase</b>					
A1000	Demobilization Summary	Not Started	\$25,685.34	\$0.00	\$25,685.34
<b>TO 15-11-RA Post Construction Submittals</b>					
PCS-1000	Warranties	Not Started	\$0.00	\$0.00	\$0.00
PCS-1010	Inspection and Handover - Final Acceptance Certificate	Not Started	\$0.00	\$0.00	\$0.00
PCS-1020	Start Preparation of Final Report	Not Started	\$0.00	\$0.00	\$0.00
PCS-1030	Operation and Maintenance O&M Manual	Not Started	\$0.00	\$0.00	\$0.00
PCS-1040	Preliminary As-Built Drawings	Not Started	\$0.00	\$0.00	\$0.00
PCS-1050	Release of Liens and Waiver of Debts and Claims letter	Not Started	\$0.00	\$0.00	\$0.00

**AC-02 Activity Costs**

**WBS**

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
PCS-1060	Preparation of Final Payment	Not Started	\$0.00	\$0.00	\$0.00
PCS-1070	Clearance Certificate from Local Authorities	Not Started	\$0.00	\$0.00	\$0.00
<b>Subtotal</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Subtotal</b>			<b>\$25,685.34</b>	<b>\$0.00</b>	<b>\$25,685.34</b>
<b>Subtotal</b>			<b>\$2,696,960.91</b>	<b>\$0.00</b>	<b>\$2,696,960.91</b>
<b>Subtotal</b>			<b>\$2,696,960.91</b>	<b>\$0.00</b>	<b>\$2,696,960.91</b>
<b>Subtotal</b>			<b>\$2,696,960.91</b>	<b>\$0.00</b>	<b>\$2,696,960.91</b>
<b>Subtotal</b>			<b>\$2,696,960.91</b>	<b>\$0.00</b>	<b>\$2,696,960.91</b>
<b>Subtotal</b>			<b>\$2,696,960.91</b>	<b>\$0.00</b>	<b>\$2,696,960.91</b>
<b>Total</b>			<b>\$2,696,960.91</b>	<b>\$0.00</b>	<b>\$2,696,960.91</b>

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
<b>RAF-1.01a</b>	<b>Excavation to Specified or directed levels in all materials</b>		
E-PH-I-B-1080	Excavation / Cut to specified level for Road Segment B from Station B0+000 to Station B0+103	500.00	0.00
E-Ph-I-A-1060	Excavation / Cut to specified level for Road Segment from Station 0+000 to Station 0+200	1200.00	0.00
E-PH-III-L-1000	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 LHS	2300.00	0.00
E-PH-III-R-1000	Excavation / Cut to specified level for Road Segment from Station 0+480 to Station 0+880 RHS	2300.00	0.00
E-PH-IV-L-1000	Excavation / Cut to specified level for Road Segment from Station 0+880 to Station 1+080 LHS	1650.00	0.00
E-PH-IV-R-1000	Excavation / Cut to specified level for Road Segment from Station 0+880 to Station 1+080 RHS	1650.00	0.00
E-PH-V-L-1000	Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 LHS	2300.00	0.00
E-PH-V-R-1000	Excavation / Cut to specified level for Road Segment from Station 1+080 to Station 1+680 RHS	2300.00	0.00
E-PH-II-L-1000	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 LHS	2250.00	0.00
E-PH-II-R-1020	Excavation / Cut to specified level for Road Segment from Station A0+000 to Station 0+480 RHS	2250.00	0.00
	<b>Total</b>	<b>18700.00</b>	<b>0.00</b>
<b>RAF-1.01b</b>	<b>Structural excavation</b>		
E-PH-II-R-1045	Structural Excavation for Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS	100.00	0.00
E-PH-IV-R-1145	Structural Excavation for Reinforced Concrete Wall from Station 1+010 to Station 1+049 RHS	100.00	0.00
E-PH-IV-R-1125	Structural Excavation for Reinforced Concrete Wall from Station S0+000 to Station S0+039 LHS	100.00	0.00
E-PH-IV-R-1095	Structural Excavation for Reinforced Concrete Wall from Station S0+014 to Station S0+049 RHS	100.00	0.00
E-Ph-I-A-0990	Structural Excavation for Retaining Wall	100.00	0.00
	<b>Total</b>	<b>500.00</b>	<b>0.00</b>
<b>RAF-1.02 a</b>	<b>Filling Horizontal Layers</b>		
E-PH-III-L-1010	Replacement of Existing Soil from Station 0+536 to Station 0+880 LHS	80.00	0.00

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
E-PH-III-R-1010	Replacement of Existing Soil from Station 0+536 to Station 0+880 RHS	80.00	0.00
E-PH-IV-L-1010	Replacement of Existing Soil from Station 0+880 to Station 1+080 LHS	65.00	0.00
E-PH-IV-R-1010	Replacement of Existing Soil from Station 0+880 to Station 1+080 RHS	65.00	0.00
E-PH-V-L-1010	Replacement of Existing Soil from Station 1+189 to Station 1+317 LHS	60.00	0.00
E-PH-V-R-1010	Replacement of Existing Soil from Station 1+189 to Station 1+317 RHS	60.00	0.00
E-PH-II-L-1010	Replacement of Existing Soil from Station A0+000 to Station 0+340 LHS	140.00	0.00
E-PH-II-R-1025	Replacement of Existing Soil from Station A0+000 to Station 0+340 RHS	140.00	0.00
E-Ph-I-A-1070	Soil Replacement for Road Segment from Station 0+100 to Station 0+195	60.00	0.00
<b>Total</b>		<b>750.00</b>	<b>0.00</b>

### RAF-1.02 b Replacement of unsuitable soil

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E-PH-III-L-1010	Replacement of Existing Soil from Station 0+536 to Station 0+880 LHS	800.00	0.00
E-PH-III-R-1010	Replacement of Existing Soil from Station 0+536 to Station 0+880 RHS	800.00	0.00
E-PH-IV-L-1010	Replacement of Existing Soil from Station 0+880 to Station 1+080 LHS	650.00	0.00
E-PH-IV-R-1010	Replacement of Existing Soil from Station 0+880 to Station 1+080 RHS	650.00	0.00
E-PH-V-L-1010	Replacement of Existing Soil from Station 1+189 to Station 1+317 LHS	600.00	0.00
E-PH-V-R-1010	Replacement of Existing Soil from Station 1+189 to Station 1+317 RHS	600.00	0.00
E-PH-II-L-1010	Replacement of Existing Soil from Station A0+000 to Station 0+340 LHS	1400.00	0.00
E-PH-II-R-1025	Replacement of Existing Soil from Station A0+000 to Station 0+340 RHS	1400.00	0.00
E-Ph-I-A-1070	Soil Replacement for Road Segment from Station 0+100 to Station 0+195	600.00	0.00
<b>Total</b>		<b>7500.00</b>	<b>0.00</b>

### RAF-2.01 b Compacted Sub-Base 200 mm-Class A

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E-PH-III-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 LHS	3550.00	0.00
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## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
E-PH-III-R-1020	Sub base layer and Subgrade preparation for Road Segment from Station 0+536 to Station 0+880 RHS	3550.00	0.00
E-PH-IV-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station 0+880 to Station 1+080 LHS	4050.00	0.00
E-PH-IV-R-1020	Sub base layer and Subgrade preparation for Road Segment from Station 0+880 to Station 1+080 RHS	4050.00	0.00
E-PH-V-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station 1+080 to Station 1+680 LHS	4600.00	0.00
E-PH-V-R-1020	Sub base layer and Subgrade preparation for Road Segment from Station 1+080 to Station 1+680 RHS	4600.00	0.00
E-PH-II-L-1020	Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 LHS	5100.00	0.00
E-PH-II-R-1030	Sub base layer and Subgrade preparation for Road Segment from Station A0+000 to Station 0+340 RHS	5100.00	0.00
<b>Total</b>		<b>34600.00</b>	<b>0.00</b>

### RAF-2.02 a                      Compacted Base Course 150 mm-Class A

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E-PH-I-B-1100	Base course layers for Road Segment B from Station B0+000 to Station B0+103	0.00	0.00
E-Ph-I-A-1080	Base course layers for Road Segment from Station 0+000 to Station 0+200	0.00	0.00
E-PH-III-L-1030	Base course layers for Road Segment from Station 0+480 to Station 0+880 LHS	2400.00	0.00
E-PH-III-R-1030	Base course layers for Road Segment from Station 0+480 to Station 0+880 RHS	2400.00	0.00
E-PH-IV-L-1035	Base course layers for Road Segment from Station 0+880 to Station 1+080 LHS	2000.00	0.00
E-PH-IV-R-1035	Base course layers for Road Segment from Station 0+880 to Station 1+080 RHS	2000.00	0.00
E-PH-V-L-1030	Base course layers for Road Segment from Station 1+080 to Station 1+680 LHS	4000.00	0.00
E-PH-V-R-1030	Base course layers for Road Segment from Station 1+080 to Station 1+680 RHS	4000.00	0.00
E-PH-II-L-1030	Base course layers for Road Segment from Station A0+000 to Station 0+480 LHS	600.00	0.00
E-PH-II-R-1040	Base course layers for Road Segment from Station A0+000 to Station 0+480 RHS	600.00	0.00
<b>Total</b>		<b>18000.00</b>	<b>0.00</b>

### RAF-2.02 b                      Compacted Base Course 200 mm-Class A

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E-PH-I-B-1100	Base course layers for Road Segment B from Station B0+000 to Station B0+103	1400.00	0.00
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## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
E-Ph-I-A-1080	Base course layers for Road Segment from Station 0+000 to Station 0+200	2600.00	0.00
E-PH-III-L-1030	Base course layers for Road Segment from Station 0+480 to Station 0+880 LHS	2000.00	0.00
E-PH-III-R-1030	Base course layers for Road Segment from Station 0+480 to Station 0+880 RHS	2000.00	0.00
E-PH-IV-L-1035	Base course layers for Road Segment from Station 0+880 to Station 1+080 LHS	0.00	0.00
E-PH-IV-R-1035	Base course layers for Road Segment from Station 0+880 to Station 1+080 RHS	0.00	0.00
E-PH-V-L-1030	Base course layers for Road Segment from Station 1+080 to Station 1+680 LHS	0.00	0.00
E-PH-V-R-1030	Base course layers for Road Segment from Station 1+080 to Station 1+680 RHS	0.00	0.00
E-PH-II-L-1030	Base course layers for Road Segment from Station A0+000 to Station 0+480 LHS	2500.00	0.00
E-PH-II-R-1040	Base course layers for Road Segment from Station A0+000 to Station 0+480 RHS	2500.00	0.00
<b>Total</b>		<b>13000.00</b>	<b>0.00</b>

### RAF-2.03 a                      Supply Base Course 200 mm

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E-1000	Base-course for Temporary Detours	2000.00	0.00
<b>Total</b>		<b>2000.00</b>	<b>0.00</b>

### RAF-3.01 a                      Prime Coat MC

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E-PH-I-B-1120	6cm Asphalt Wearing Course layer (including MC) for road segment B from Station B0+000 to Station B0+103	1000.00	0.00
E-Ph-I-A-1095	6cm Asphalt Wearing Course layer (including MC) for road segment from Station 0+000 to Station 0+200	1500.00	0.00
E-AS-1035	Asphalt Binder Course layer (including MC) for road segment from Station 0+880 to Station 1+080	3300.00	0.00
E-AS-1000	Asphalt Binder Course layer (including MC) for road segment from Station 0+480 to Station 0+880	4800.00	0.00
E-AS-1045	Asphalt Binder Course layer (including MC) for road segment from Station 1+080 to Station 1+680	7200.00	0.00
E-AS-1020	Asphalt Binder Course layer (including MC) for road segment from Station A0+000 to Station 0+480	4200.00	0.00
<b>Total</b>		<b>22000.00</b>	<b>0.00</b>

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
<b>RAF-3.02 a                      Tack Coat RC</b>			
E-AS-1010	Asphalt Wearing Course layer (including RC) for road segment from Station 0+480 to Station 0+880	5000.00	0.00
E-AS-1040	Asphalt Wearing Course layer (including RC) for road segment from Station 0+880 to Station 1+080	2700.00	0.00
E-AS-1050	Asphalt Wearing Course layer (including RC) for road segment from Station 1+080 to Station 1+680	7700.00	0.00
E-AS-1030	Asphalt Wearing Course layer (including RC) for road segment from Station A0+000 to Station 0+480	5600.00	0.00
E-PH-VI-1010	Asphalt Wearing Course Layer for Road Segment from Station 1+680 to Station 2+191 ( Area A)	12000.00	0.00
<b>Total</b>		<b>33000.00</b>	<b>0.00</b>
<b>RAF-3.03 b                      50 mm bituminous wearing course</b>			
E-AS-1010	Asphalt Wearing Course layer (including RC) for road segment from Station 0+480 to Station 0+880	0.00	0.00
E-AS-1040	Asphalt Wearing Course layer (including RC) for road segment from Station 0+880 to Station 1+080	0.00	0.00
E-AS-1050	Asphalt Wearing Course layer (including RC) for road segment from Station 1+080 to Station 1+680	0.00	0.00
E-AS-1030	Asphalt Wearing Course layer (including RC) for road segment from Station A0+000 to Station 0+480	0.00	0.00
E-PH-VI-1010	Asphalt Wearing Course Layer for Road Segment from Station 1+680 to Station 2+191 ( Area A)	11000.00	0.00
<b>Total</b>		<b>11000.00</b>	<b>0.00</b>
<b>RAF-3.03 c                      60 mm bituminous wearing course</b>			
E-PH-I-B-1120	6cm Asphalt Wearing Course layer (including MC) for road segment B from Station B0+000 to Station B0+103	1000.00	0.00
E-Ph-I-A-1095	6cm Asphalt Wearing Course layer (including MC) for road segment from Station 0+000 to Station 0+200	1500.00	0.00
E-AS-1010	Asphalt Wearing Course layer (including RC) for road segment from Station 0+480 to Station 0+880	0.00	0.00
E-AS-1040	Asphalt Wearing Course layer (including RC) for road segment from Station 0+880 to Station 1+080	0.00	0.00
E-AS-1050	Asphalt Wearing Course layer (including RC) for road segment from Station 1+080 to Station 1+680	0.00	0.00

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
E-AS-1030	Asphalt Wearing Course layer (including RC) for road segment from Station A0+000 to Station 0+480	0.00	0.00
E-PH-VI-1010	Asphalt Wearing Course Layer for Road Segment from Station 1+680 to Station 2+191 ( Area A)	0.00	0.00
<b>Total</b>		<b>2500.00</b>	<b>0.00</b>
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<b>RAF-3.03 d</b>	<b>70 mm bituminous wearing course</b>		
E-AS-1010	Asphalt Wearing Course layer (including RC) for road segment from Station 0+480 to Station 0+880	5000.00	0.00
E-AS-1040	Asphalt Wearing Course layer (including RC) for road segment from Station 0+880 to Station 1+080	3500.00	0.00
E-AS-1050	Asphalt Wearing Course layer (including RC) for road segment from Station 1+080 to Station 1+680	7700.00	0.00
E-AS-1030	Asphalt Wearing Course layer (including RC) for road segment from Station A0+000 to Station 0+480	4400.00	0.00
E-PH-VI-1010	Asphalt Wearing Course Layer for Road Segment from Station 1+680 to Station 2+191 ( Area A)	0.00	0.00
<b>Total</b>		<b>20600.00</b>	<b>0.00</b>
<hr/>			
<b>RAF-3.05 c</b>	<b>70 mm bituminous binder course 1"</b>		
E-AS-1035	Asphalt Binder Course layer (including MC) for road segment from Station 0+880 to Station 1+080	2900.00	0.00
E-AS-1000	Asphalt Binder Course layer (including MC) for road segment from Station 0+480 to Station 0+880	4400.00	0.00
E-AS-1045	Asphalt Binder Course layer (including MC) for road segment from Station 1+080 to Station 1+680	6900.00	0.00
E-AS-1020	Asphalt Binder Course layer (including MC) for road segment from Station A0+000 to Station 0+480	3800.00	0.00
<b>Total</b>		<b>18000.00</b>	<b>0.00</b>
<hr/>			
<b>RAF-3.06 a</b>	<b>Replace defective areas in the existing road</b>		
E-PH-VI-1005	Replace defective areas in the existing road from Station 1+680 to Station 2+191 ( Area A)	300.00	0.00
<b>Total</b>		<b>300.00</b>	<b>0.00</b>

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
<b>RAF-3.06 b</b>	<b>Hot asphalt mix for patching and leveling course</b>		
E-PH-VI-1005	Replace defective areas in the existing road from Station 1+680 to Station 2+191 ( Area A)	400.00	0.00
	<b>Total</b>	<b>400.00</b>	<b>0.00</b>
<b>RAF-3.07 a</b>	<b>Milling of existing asphalt up to 40 mm</b>		
E-PH-VI-1000	Milling of the existing road from Station 1+680 to Station 2+191 ( Area A)	11000.00	0.00
	<b>Total</b>	<b>11000.00</b>	<b>0.00</b>
<b>RAF-4.01 d</b>	<b>UPVS pipes SN8- 10" dia. pipe</b>		
E-1010	Road Crossings (Sleeves) - 10" dia. Pipe	120.00	0.00
	<b>Total</b>	<b>120.00</b>	<b>0.00</b>
<b>RAF-4.02 a</b>	<b>400mm dia R.C Pipe</b>		
E-PH-II-R-1010	Installation of Storm water Drainage Pipes from station A 0+083 to Station 0+469 - RHS	60.00	0.00
	<b>Total</b>	<b>60.00</b>	<b>0.00</b>
<b>RAF-4.02 b</b>	<b>500mm dia R.C Pipe</b>		
E-PH-III-L-1085	Construction of Pipe Culvert at Station 0+720 500mm length 12 m - LHS	7.50	0.00
E-PH-III-R-1065	Construction of Pipe Culvert at Station 0+720 500mm length 12 m - RHS	7.50	0.00
	<b>Total</b>	<b>15.00</b>	<b>0.00</b>

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name		Planned Units	Actual Units
Activity ID	Activity			
<b>RAF-4.02 c</b>	<b>600mm dia R.C Pipe</b>			
E-PH-II-R-1010	Installation of Storm water Drainage Pipes from station A 0+083 to Station 0+469 - RHS		350.00	0.00
		<b>Total</b>	<b>350.00</b>	<b>0.00</b>
<b>RAF-4.02 g</b>	<b>2 X 1000mm dia R.C Pipe</b>			
E-PH-IV-L-1090	Construction of Pipe Culvert at Station 0+953 1000mm length 15 m - LHS		5.00	0.00
E-PH-IV-R-1090	Construction of Pipe Culvert at Station 0+953 1000mm length 15 m - RHS		5.00	0.00
E-PH-V-L-1070	Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - LHS		5.00	0.00
E-PH-V-R-1100	Construction of Pipe Culvert at Station 1+166 1000mm length 15 m - RHS		5.00	0.00
		<b>Total</b>	<b>20.00</b>	<b>0.00</b>
<b>RAF-4.03 1-a</b>	<b>Dito but Depth not exceeding 2.0 m</b>			
E-PH-II-R-1010	Installation of Storm water Drainage Pipes from station A 0+083 to Station 0+469 - RHS		9.00	0.00
		<b>Total</b>	<b>9.00</b>	<b>0.00</b>
<b>RAF-4.04 a</b>	<b>Catch basin drainage inlet-type A</b>			
E-PH-II-R-1010	Installation of Storm water Drainage Pipes from station A 0+083 to Station 0+469 - RHS		12.00	0.00
		<b>Total</b>	<b>12.00</b>	<b>0.00</b>
<b>RAF-4.07 a</b>	<b>Concrete Class-B 150</b>			
E-Ph-I-A-1000	Construction of Reinforced Concrete Wall from Station 0+013 to Station 0+058 (including Backfilling)		11.00	0.00

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
E-Ph-I-A-1010	Construction of Reinforced Concrete Wall from Station 0+058 to Station 0+087 (including Backfilling)	7.00	0.00
E-PH-II-R-1050	Construction of Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS (including Backfilling)	11.00	0.00
E-PH-IV-R-1150	Construction of Reinforced Concrete Wall from Station 1+010 to Station 1+049 (including Backfilling)	11.00	0.00
E-PH-IV-R-1130	Construction of Reinforced Concrete Wall from Station S0+000 to Station S0+039 LHS (including Backfilling)	11.00	0.00
E-PH-IV-R-1100	Construction of Reinforced Concrete Wall from Station S0+014 to Station S0+049 RHS (including Backfilling)	9.00	0.00
E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0	0.00	0.00
E-Ph-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	0.00	0.00
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	0.00	0.00
E-PH-III-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	0.00	0.00
E-PH-IV-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	0.00	0.00
E-PH-IV-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	0.00	0.00
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	0.00	0.00
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	0.00	0.00
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	0.00	0.00
<b>Total</b>		<b>60.00</b>	<b>0.00</b>

### RAF-4.07 b Concrete Class-B 250

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E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0	45.00	0.00
E-Ph-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	45.00	0.00
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	45.00	0.00
E-PH-III-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	45.00	0.00
E-PH-IV-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	110.00	0.00
E-PH-IV-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	110.00	0.00
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	100.00	0.00

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	85.00	0.00
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	85.00	0.00
<b>Total</b>		<b>670.00</b>	<b>0.00</b>
<hr/>			
<b>RAF-4.07 c</b>	<b>Concrete Class-B 300</b>		
E-Ph-I-A-1000	Construction of Reinforced Concrete Wall from Station 0+013 to Station 0+058 (including Backfilling)	60.00	0.00
E-Ph-I-A-1010	Construction of Reinforced Concrete Wall from Station 0+058 to Station 0+087 (including Backfilling)	60.00	0.00
E-PH-II-R-1050	Construction of Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS (including Backfilling)	85.00	0.00
E-PH-IV-R-1150	Construction of Reinforced Concrete Wall from Station 1+010 to Station 1+049 (including Backfilling)	65.00	0.00
E-PH-IV-R-1130	Construction of Reinforced Concrete Wall from Station S0+000 to Station S0+039 LHS (including Backfilling)	80.00	0.00
E-PH-IV-R-1100	Construction of Reinforced Concrete Wall from Station S0+014 to Station S0+049 RHS (including Backfilling)	80.00	0.00
<b>Total</b>		<b>430.00</b>	<b>0.00</b>
<hr/>			
<b>RAF-4.07 e</b>	<b>High Tensile Steel Bar</b>		
E-Ph-I-A-1000	Construction of Reinforced Concrete Wall from Station 0+013 to Station 0+058 (including Backfilling)	7.00	0.00
E-Ph-I-A-1010	Construction of Reinforced Concrete Wall from Station 0+058 to Station 0+087 (including Backfilling)	7.00	0.00
E-PH-II-R-1050	Construction of Reinforced Concrete Wall from Station 0+420 to Station 0+461 - RHS (including Backfilling)	8.00	0.00
E-PH-IV-R-1150	Construction of Reinforced Concrete Wall from Station 1+010 to Station 1+049 (including Backfilling)	8.00	0.00
E-PH-IV-R-1130	Construction of Reinforced Concrete Wall from Station S0+000 to Station S0+039 LHS (including Backfilling)	8.00	0.00
E-PH-IV-R-1100	Construction of Reinforced Concrete Wall from Station S0+014 to Station S0+049 RHS (including Backfilling)	8.00	0.00
E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0	2.00	0.00
E-Ph-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	2.00	0.00
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	5.00	0.00
E-PH-III-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	5.00	0.00

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## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
E-PH-IV-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	5.00	0.00
E-PH-IV-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	5.00	0.00
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	5.00	0.00
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	5.00	0.00
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	5.00	0.00
<b>Total</b>		<b>85.00</b>	<b>0.00</b>

### RAF-4.09 Stone walls

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E-PH-I-B-1090	Construction of Stone wall at Segment B	25.00	0.00
E-PH-III-L-1110	Construction of Stone wall from station 0+854 to station 0+872	10.00	0.00
<b>Total</b>		<b>35.00</b>	<b>0.00</b>

### RAF-4.12 a Curbstone for sidewalks

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E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0	350.00	0.00
E-Ph-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	350.00	0.00
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	350.00	0.00
E-PH-III-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	350.00	0.00
E-PH-IV-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	350.00	0.00
E-PH-IV-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	350.00	0.00
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	350.00	0.00
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	375.00	0.00
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	375.00	0.00
<b>Total</b>		<b>3200.00</b>	<b>0.00</b>

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
<b>RAF-4.12 b                      Curbstone for Medians</b>			
E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0	0.00	0.00
E-Ph-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	0.00	0.00
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	0.00	0.00
E-PH-III-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	0.00	0.00
E-PH-IV-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	300.00	0.00
E-PH-IV-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	300.00	0.00
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	0.00	0.00
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	0.00	0.00
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	0.00	0.00
<b>Total</b>		<b>600.00</b>	<b>0.00</b>
<b>RAF-4.12 c                      Concrete edge beam (10 x 20 cm)</b>			
E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0	100.00	0.00
E-Ph-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	100.00	0.00
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	200.00	0.00
E-PH-III-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	200.00	0.00
E-PH-IV-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	250.00	0.00
E-PH-IV-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	250.00	0.00
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	200.00	0.00
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	275.00	0.00
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	275.00	0.00
<b>Total</b>		<b>1850.00</b>	<b>0.00</b>

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
<b>RAF-4.12 d                      Paint existing curbstone</b>			
E-PH-VI-1020	Paint existing Curb stone	1100.00	0.00
	<b>Total</b>	<b>1100.00</b>	<b>0.00</b>
<b>RAF-4.12 e                      Curbstone to replace existing damaged</b>			
E-PH-VI-1030	Concrete Pedestrian Stairs at Station 1+850	1000.00	0.00
	<b>Total</b>	<b>1000.00</b>	<b>0.00</b>
<b>RAF-4.13 a                      Interlocking blocks -60mm thick</b>			
E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0	50.00	0.00
E-Ph-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	50.00	0.00
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	100.00	0.00
E-PH-III-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	100.00	0.00
E-PH-IV-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	150.00	0.00
E-PH-IV-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	150.00	0.00
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	100.00	0.00
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	100.00	0.00
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	150.00	0.00
	<b>Total</b>	<b>950.00</b>	<b>0.00</b>
<b>RAF-4.13 b                      Interlocking blocks -80mm thick</b>			

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
E-PH-I-B-1110	Construction of Sidewalk and Concrete Ditches for Road Segment B from Station B0+000 to Station B0	0.00	0.00
E-Ph-I-A-1085	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+000 to Station 0+200	0.00	0.00
E-PH-III-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+480 to Station 0+880 LHS	0.00	0.00
E-PH-III-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+610 to Station 0+650 RHS	0.00	0.00
E-PH-IV-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 LHS	75.00	0.00
E-PH-IV-R-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 0+880 to Station 1+080 RHS	75.00	0.00
E-PH-V-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station 1+080 to Station 1+680 LHS	0.00	0.00
E-PH-II-L-1040	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480	0.00	0.00
E-PH-II-R-1080	Construction of Sidewalk and Concrete Ditches for Road Segment from Station A0+000 to Station 0+480 RHS	0.00	0.00
<b>Total</b>		<b>150.00</b>	<b>0.00</b>

### RAF-5.01 a                      Circular sign face 600mm dia.

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E-200	Installation of Traffic Signs	22.00	0.00
<b>Total</b>		<b>22.00</b>	<b>0.00</b>

### RAF-5.01 b                      Triangular signe face 600 mm deep

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E-200	Installation of Traffic Signs	1.00	0.00
<b>Total</b>		<b>1.00</b>	<b>0.00</b>

### RAF-5.01 c                      Octagonal signe face 600 mm deep

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E-200	Installation of Traffic Signs	18.00	0.00
<b>Total</b>		<b>18.00</b>	<b>0.00</b>

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name		Planned Units	Actual Units
Activity ID	Activity			
<b>RAF-5.01 d                      Square signe face 600 mm deep</b>				
E-200	Installation of Traffic Signs		20.00	0.00
		<b>Total</b>	<b>20.00</b>	<b>0.00</b>
<b>RAF-5.01 e                      Circular sign face 900mm dia.</b>				
E-200	Installation of Traffic Signs		2.00	0.00
		<b>Total</b>	<b>2.00</b>	<b>0.00</b>
<b>RAF-5.01 f                      Triangular signe face 900 mm deep</b>				
E-200	Installation of Traffic Signs		2.00	0.00
		<b>Total</b>	<b>2.00</b>	<b>0.00</b>
<b>RAF-5.01 h                      Directional Sign</b>				
E-200	Installation of Traffic Signs		8.00	0.00
		<b>Total</b>	<b>8.00</b>	<b>0.00</b>
<b>RAF-5.01 i                      Large directional Sign</b>				
E-200	Installation of Traffic Signs		25.00	0.00
		<b>Total</b>	<b>25.00</b>	<b>0.00</b>
<b>RAF-5.01 j                      Rectangular Chevron signs Type (RS-112)</b>				

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name		Planned Units	Actual Units
Activity ID	Activity			
E-200	Installation of Traffic Signs		9.00	0.00
		<b>Total</b>	<b>9.00</b>	<b>0.00</b>
<hr/>				
<b>RAF-5.01 k</b>	<b>Rectangular Chevron signs Type (RS-108)</b>			
E-200	Installation of Traffic Signs		2.00	0.00
		<b>Total</b>	<b>2.00</b>	<b>0.00</b>
<hr/>				
<b>RAF-5.01 I</b>	<b>Rectangular Chevron signs Type (RS-118)</b>			
E-200	Installation of Traffic Signs		1.00	0.00
		<b>Total</b>	<b>1.00</b>	<b>0.00</b>
<hr/>				
<b>RAF-5.03 b</b>	<b>Thermoplastic paint</b>			
E-195	Road Marking		2150.00	0.00
		<b>Total</b>	<b>2150.00</b>	<b>0.00</b>
<hr/>				
<b>RAF-5.03 c</b>	<b>Single cat eyes</b>			
E-195	Road Marking		400.00	0.00
		<b>Total</b>	<b>400.00</b>	<b>0.00</b>
<hr/>				
<b>RAF-5.03 d</b>	<b>Double cat eyes</b>			
E-195	Road Marking		350.00	0.00

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## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code		Resource Name	Planned Units	Actual Units
Activity ID	Activity			
			<b>Total</b>	<b>350.00</b>
				<b>0.00</b>
<b>RAF-5.04 a</b>		<b>Grouted Rip Rap</b>		
E-225	Landscaping		10.00	0.00
			<b>Total</b>	<b>10.00</b>
				<b>0.00</b>
<b>RAF-5.05 d</b>		<b>Type H1-EDSP-W5</b>		
E-205	Installation of Steel guard Rail		150.00	0.00
			<b>Total</b>	<b>150.00</b>
				<b>0.00</b>
<b>RAF-5.07</b>		<b>Galvanized steel handrail</b>		
E-210	Installation of Steel Handrail for Pedestrians		250.00	0.00
			<b>Total</b>	<b>250.00</b>
				<b>0.00</b>
<b>RAF-5.09 a</b>		<b>Single arm H=12 m</b>		
E-240	Installation of Street Lighting		12.00	0.00
			<b>Total</b>	<b>12.00</b>
				<b>0.00</b>
<b>RAF-5.09 d</b>		<b>Relocation of existing Medium Voltage Electrical Pole</b>		
E-PH-III-R-1060	Relocation of underground Medium Voltage Cables by JDECO - RHS		3.00	0.00
			<b>Total</b>	<b>3.00</b>
				<b>0.00</b>

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
<b>RAF-5.10 a                      Artificial grass</b>			
E-225	Landscaping	140.00	0.00
	<b>Total</b>	<b>140.00</b>	<b>0.00</b>
<b>RAF-5.10 b                      Different kinds of flowers</b>			
E-225	Landscaping	140.00	0.00
	<b>Total</b>	<b>140.00</b>	<b>0.00</b>
<b>RAF-5.10 c                      Supply and install imported agricultural red soil</b>			
E-225	Landscaping	350.00	0.00
	<b>Total</b>	<b>350.00</b>	<b>0.00</b>
<b>RAF-5.11 a                      Deliver, install &amp; install 3" steel pipes</b>			
E-PH-IV-R-1080	Excavation, Bedding, Installation and Backfilling of 3" steel pipes from station 0+935 to Station 1+080 RHS	300.00	0.00
E-PH-V-R-1070	Excavation, Bedding, Installation and Backfilling of 3" steel pipes from station 1+080 to Station 1+680 RHS	800.00	0.00
	<b>Total</b>	<b>1100.00</b>	<b>0.00</b>
<b>RAF-5.11 b                      Deliver, install &amp; install complete DN 75mm PN16 Flanged gate valve</b>			
E-125	Mechanical valves Installation	6.00	0.00
	<b>Total</b>	<b>6.00</b>	<b>0.00</b>

## RA-01 Resource Assignments, All Activities

User's Notes:

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Resource Code	Resource Name	Planned Units	Actual Units
Activity ID	Activity		
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<b>RAF-5.11 c</b>	<b>Deliver, install &amp; install complete DN 50mm PN16 Combination air valve</b>		
E-125	Mechanical valves Installation	1.00	0.00
	<b>Total</b>	<b>1.00</b>	<b>0.00</b>
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<b>RAF-6.01a</b>	<b>Mobilization</b>		
MOB1090	Mobilization Summary	1.00	0.00
	<b>Total</b>	<b>1.00</b>	<b>0.00</b>
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<b>RAF-6.01 b</b>	<b>Demobilization</b>		
A1000	Demobilization Summary	1.00	0.00
	<b>Total</b>	<b>1.00</b>	<b>0.00</b>