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MONTHLY PROGRESS REPORT

TASK ORDER NO. 13-00015

Nahaleen Main Pipeline Project (NHT)

APCO/ArCon

October, 2014

MONTHLY TASK ORDER PROGRESS REPORT

INFRASTRUCTURE NEEDS PROGRAM

Contract No. 294-I-00-12-00005
Task Order No. AID-294-TO-13-00015

From Oct. 01, 2014 to Oct. 31, 2014

DISCLAIMER

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USAID Contract No.:	294-I-00-12-00005
TO No.:	13-00015
Contractor:	APCO/ArCon Construction and Services
T.O Key Personnel:	Eng. Naim Fannoon T.O.M Eng. Monther Ibhais- Q.C.M Eng. Basel Abu Ghayadah- S.E.O Eng. Motasem Abu Rayyan- P.E CWI. Aron Luke Gumpana

Monthly Progress Report number 12

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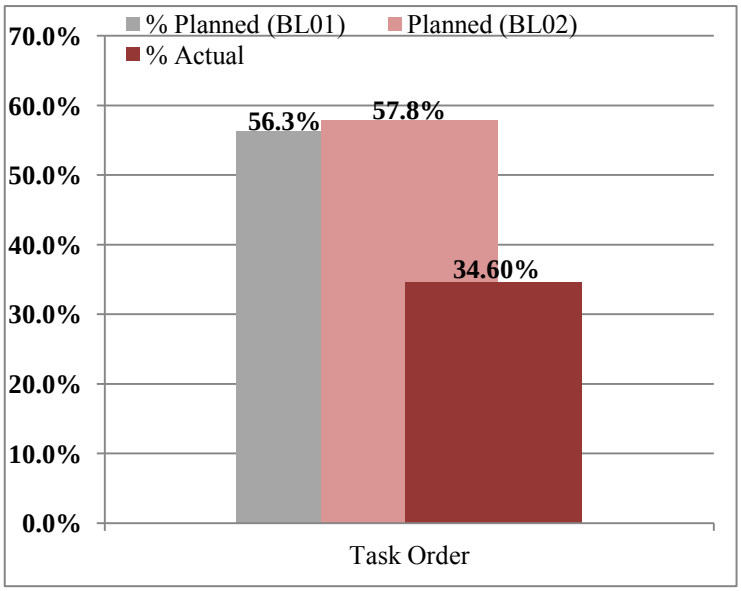
TASK ORDER OVERVIEW:

Task Order Project Name	Nahaleen Main Pipeline Project (NHT)
Project Description	This project consists of: 1. Installing a new 300mm, 250mm, 200mm, and 100mm diameter main transmission pipeline approximately 9.14 kilometers long to supply potable water to the towns of Nahaleen, Wadi Fukin, Husan, and Battir. The pipeline originates at a new connection to an existing Mekorot pipeline near Al Jaba' junction and terminates at new connection chambers for Nahaleen, Husan, and Battir, as well as at a connection to an existing pipeline to Wadi Fukin. A metered turnout (connection chamber) is provided for each town. 2. Installing approx. 7.24 km of local network connections for Nahaleen, Husan, and Battir. 3. Upgrading a total of 9.5 kilometers of existing roads within Nahaleen, Husan, and Battir. The road is a two-lane regional road connecting the communities of Nahaleen, Hussan, Battir and Wadi Fukin to Road 60 and Road 367 in the Bethlehem Governorate. And 1.3km of local roads in Nahaleen.
Statement of Work (SOW)	The scope entails water scope to include excavation works, supply and installation of piping and associated fittings for the transmission main, related civil and mechanical works, backfilling excavated areas, pipe pressure testing, pipe disinfection and cleaning for complete operation of the water system. Road scope details excavation works, embankment backfilling, pavement layer construction, construction of retaining structures, installation of safety features (signage, road marking, cat eyes, and guardrails).
Project Location	Nahaleen, Husan and Battir localities, Bethlehem District (Areas B and C)
Contract No.	294-I-00-12-00005
Task Order No.	AID-294-TO-13-00015
Employer	USAID
Contractor	APCO/ArCon
Engineer / CMC	Black and Veatch
Subcontractor Name	Al Tarifi Company
Notice of Award (NOA)	Sep. 20, 2013
Notice To Proceed (NTP)	Nov. 06, 2013
Task Order Contract Value	$12,214,885.00
Projects Total Value	$11,614,885.00
Day Work	$600,000
Modified Projects Total Value	---
Modified Day Work	---
Start of Construction	February 26, 2014
Contractual period of Performance	540 Calendar Days
Contractual End Date	April 29, 2015
Modified period of Performance	---
Modified End Date	---
Estimated Completion Date	April 29, 2015
Planned Percentage of Completion	56.3% (BL01)
Planned Percentage of Completion	57.82% (BL02)
Actual Percentage of Completion	34.6%



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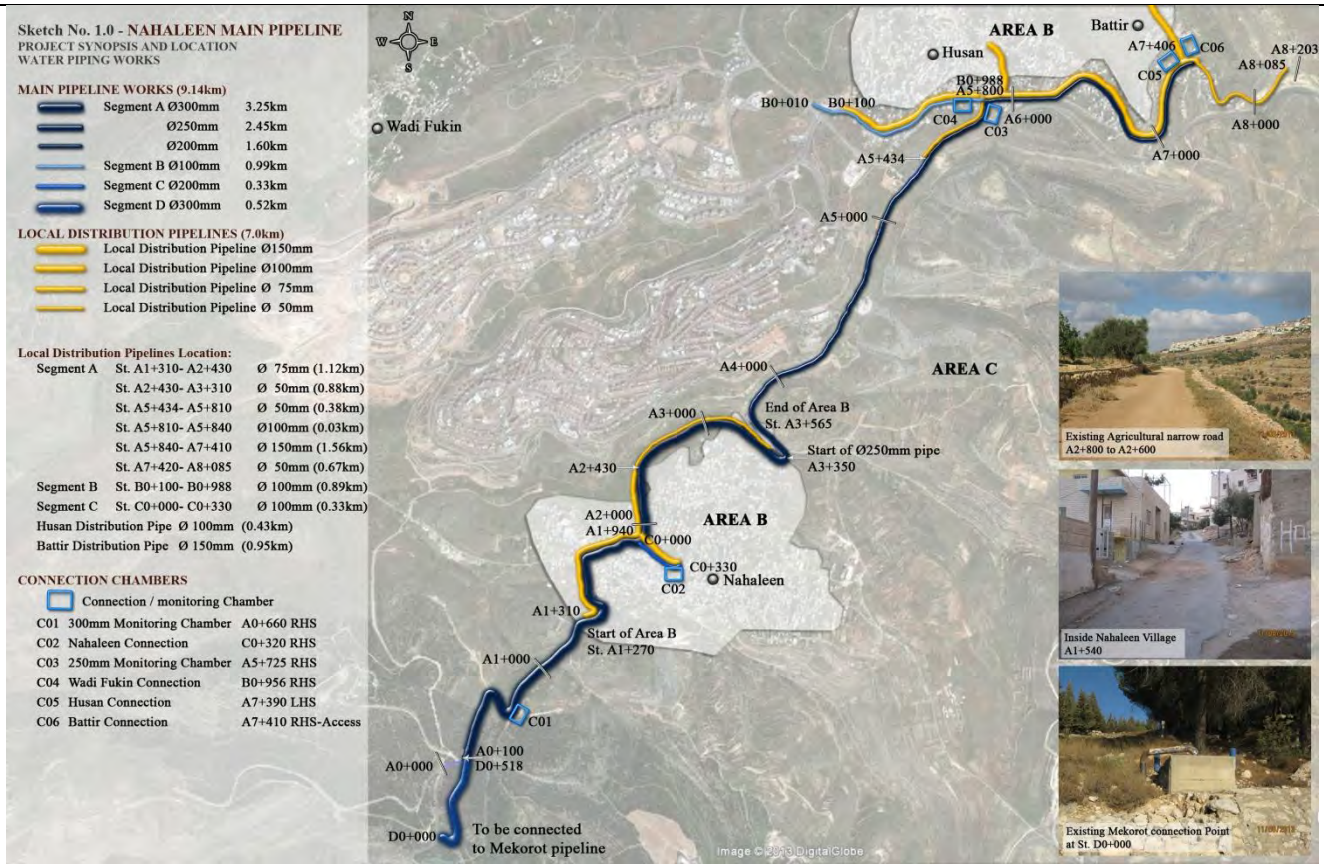

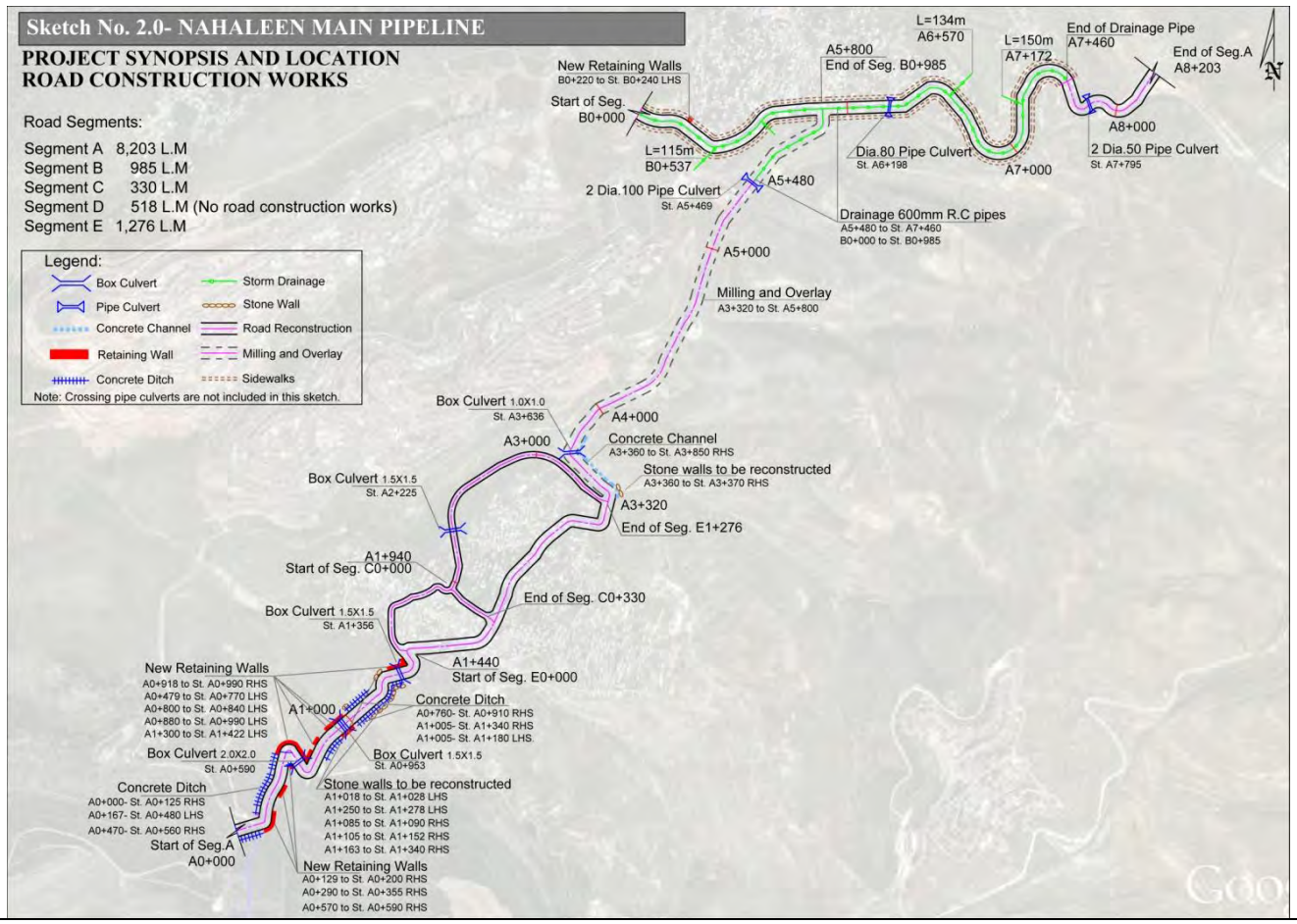

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SAFETY:
During this reporting period, zero accident were reported, no Notices of Unsafe Condition (NUCs) were issued and one toolbox talk was conducted as detailed below:

Date	Tool Box No.	Location	Description
October 23, 2014	009	Sta. E 0+500-Segment E.	Personal protective equipment (PPE) and scaffolding systems.

Figure 01: Safety toolbox talk on October 23, 2014

ENVIRONMENTAL COMPLIANCE:
Environmental mitigation plan detailed methods that respond to special conditions and construction activities that may impact on projects surroundings was prepared and submitted to CMC. Approval on this plan was received on Jan. 07, 2014. Environmental mitigation plan measures (such as public and labors health and safety, dust control, traffic control, and other measures) were implemented during this reporting period. Environmental checklists for the months of September and October were received on Oct. 30, 2014. The CMC highlighted three areas of specific concerns that require APCO attention: 1) Asphalt fragments along the road that need to be removed or recycled 2) unapproved dumping areas and stockpiling 3) crushed materials storage near the natural preserve area. APCO will adhere to the approved environmental mitigation plan in the above mentioned areas and rectify CMC notifications. Official close out of the two ECLs will be submitted in November.

Figure 02: Washing olive trees in Segment A.

TRAFFIC CONTROL MEASURES:
Conditional written approval was received from DCL on February 18, 2014 for traffic control plans in segment D, Segment A from St. 0+000 to St. 1+400 and from St. 3+330 to St. 5+800. Although verbal approval received to open Nahaleen eastern entrance and gate installed to allow passage of local traffic during day hours, the gate remained closed at direction of Israeli DCL. The contractor developed an alternate traffic plan that was approved by DCL and CMC on Feb. 20, 2014. Accordingly, contractor changed implementation method and started construction works at segment A from sta. 0+100 to sta. 1+400.
On Feb. 6th 2014 verbal approval received for (Seg. D above ground water pipe from sta. 0+000 to sta.0+515, and for Seg. A from sta. 0+000 to sta. 1+450. Traffic plan written approval received from DCL on Feb. 20th 2014 on:

- Phase II: From sta. 3+320 to sta. 5+800
- Phase IA: exposed water pipe line Seg. D
- Phase IB: Road and water pipe line works from sta. 0+000 to sta. 1+400

On May 4th 2014, DCL written approval was received for Seg. D from sta. 0+000 to sta. 0+515.
On May 4th 2014, DCL written approval was received for temporary traffic plan for Nahaleen Water line phase II (from sta. 3+320 to sta. 5+800)
Traffic plan from sta. 2+200 to sta. 3+300 was submitted and approved on May 20th 2014

Traffic plan for segment B from sta. B0+000 to sta. B0+980 was submitted to DCL proposing the use of existing roads as detours, this proposal was rejected by DCL and they requested working the segment in 2 phases (RHS and LHS), verbal Approval was obtained for Segment B temporary traffic plan from sta. 0+000 to sta. 0+980 and for segment A from sta. 5+800 to sta. 8+200 on June 28th, 2014. 13 copies were sent to ICA and written approval was received on July 17, 2014.

Regarding the Nature Reserve Israeli Authority approval for Segment D, a Joint walkthrough with related Israeli Authorities was conducted on May 22, 2014, proposed works plan and schedule were discussed during this walkthrough, and verbal approval was received to continue works at the Natural reserve, waiting to receive written approval. On Sep. 08 a meeting was conducted with Mr. Lt. Yotam from Bethlehem DCL and it was agreed on the followings:

- Cut down the trees that interfere with the road path.
- Granting contractor equipment access to Natural Reserve for pipe installation via blocked service road from the Highway.

Approval for temporarily access the Natural reserve from the Highway 260 during construction was received on Sep. 12, 2014.

Regarding Maatz Approvals: APCO received Maatz approval for Segment D, Segment A from St. A0+000 to St. A1+400 and from St. A3+320 to St. A5+800.

COMMUNITY OUTREACH, PUBLIC INFORMATION AND GENDER CONSIDERATION:

Coordinations with local councils, utility owners and residences continued during this reporting period.

COORDINATION:

During this reporting period, the following coordination and meetings occurred :

Date	Attendees	Subject	Description
October 13, 2014	APCO/ArCon- Abdullah Mojahed. Black and Veatch- Islam Qawasmeh. PWA/WBWD- Taher Safi And Ibrahim Awwad. Battir Village Council representative.	Coordination Meeting	Joint walkthrough to determine the alignment of water pipeline (6 inch & 2 inch) and future connection pipes at Battir road - Sta. A 7+410 at LHS.
October 16, 2014	APCO/ArCon-Mr. Najim Saymuah, Mr. Naim Fannoon and Mr. Mahmoud Jaradat. Black and Veatch-Mr. Adnan Safi, Mr. Adnan Azazmeh, Mr. Nimer Rjoub and Mr. Jamil Awwad. Sub-contractor-Mr. Abdulqader Hanayshah, Mr. Mohammad Altayeh, Mr. Wael Shraiteh and Mr. Abdul-Aziz Arda.	Bi-Weekly progress meeting.	To review progress of work, discussed project issues and provide solutions where required.
October 21, 2014	APCO/ArCon- Abdullah Mojahed. Black and Veatch- Jamil Awwad and Loay Hannouneh. Battir Village Council-Mr. Kamal Moammar. Hussan Village Council –Mr. Khalid Hamamreh.	Coordination Meeting	Joint walkthrough to determine location of future connection pipes from Sta. A 7+050 to Sta. A 8+203.
October 25, 2014	APCO/ArCon-Mr. Najim Saymuah, Mr. Naim Fannoon, Mr. Mahmoud Jaradat and Mr. Monther Ibhais. Black and Veatch-Mr. Adnan Safi and Mr. Nimer Rjoub. Sub-contractor-Mr. Abdulqader Hanayshah, Mr. Mohammad Altayeh, Mr. Wael Shraiteh and Mr. Abdul-Aziz Arda.	Bi-Weekly progress meeting	To review progress of work, discussed project issues and provide solutions where required.
Oct. 29, 2014	APCO- Basel Abu Ghayadah – SECO Amani Krunz B&V- Environmental Compliance Dept. representative – Tanya Santiago USAID Contractors Representatives	Environmental Compliance Workshop	Environmental Compliance Workshop which was conducted for CMC and Contractors' site team (QC and Safety) at BV Main Office.

SITE VISITORS:

During this reporting period, the following visits have occurred:

Date	Company	Location	Description
Task Order 15			
October 13, 2014	PWA/WBWD- Taher Safi And Ibrahim Awwad. Battir Village Council representative.	Battir road at Sta.A 7+410 at LHS.	To determine the alignment of water pipeline (6 inch & 2 inch) and future connection pipes
October 21, 2014	Battir Village Council-Mr. Kamal Moammar. Hussan Village Council –Mr. Khalid Hamamreh.	From Sta.A 7+050 to Sta.A 8+203.	To determine the future connection pipes.

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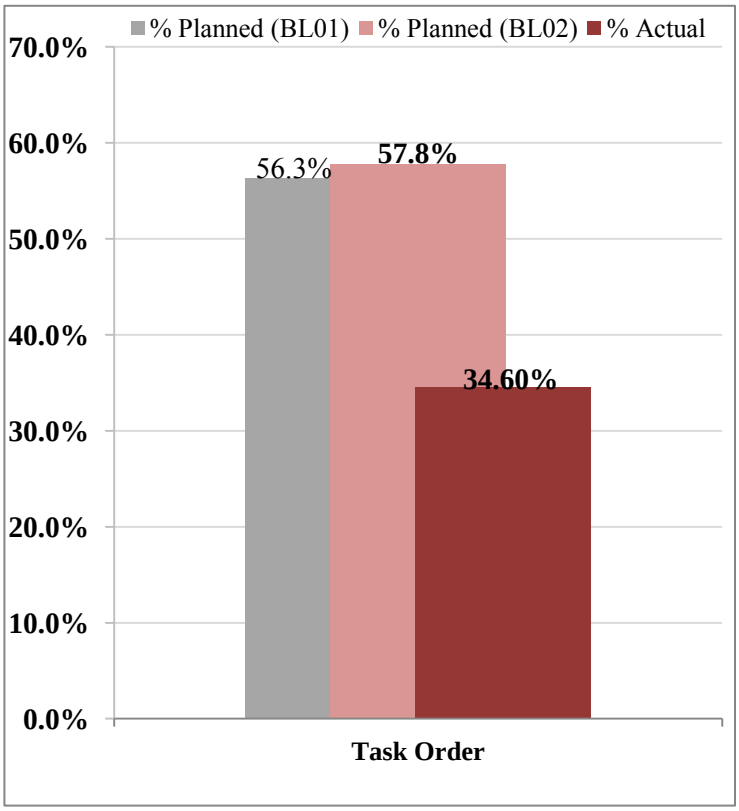
MATERIAL OR EQUIPMENT DELIVERED TO SITE:

Please refer to **Annex A-** Equipment and Material receiving log.

PROGRESS and SCHEDULING:

% of Completion:

- Excavation	82%
- Base course	40%
- Concrete Works	52%
- Installation steel pipes 12"	39%
- Installation steel pipes 10"	90%
- Installation steel pipes 8"	12%
- Installation steel pipes 6"	14%
- Installation steel pipes 4"	80%
- Installation steel pipes 3"	40%
- Installation steel pipes 2"	55%
- Chambers Construction	10%
- Stone Wall	75%
- Asphalt Works	25%



Overall percentages of completion are :

Completion%	T.O
Planned % Baseline 01	**56.3%**
Planned % Baseline 02	**57.82%**
Actual %	**34.6%**
Total Float	**-18**

Refer to **Appendix C** Progress s-curve planned versus Actual.

Nahaleen project is behind schedule due to previous month's delays and inconsistency of resources and progress momentum due to subcontractor resources.

The contractor recognizes the shortcomings and delays, accordingly APCO started to mitigate the delays and go back on track by increasing staffing and resourcing and implementing night work plan. APCO/ArCon strictly applied the terms and conditions of its contract with Subcontractor to ensure adequate resources are dedicated to the work in accordance with recovery plan. APCO/ArCon began interfering directly in the actual implementation of the project resulting in decreasing the negative float of the project. Revised recovery was submitted to BV and USAID on Sep. 14, 2014.

Please see project obstacles and challenges for more details.

ACTIVITIES DURING THIS REPORTING PERIOD:

- Continue survey works and preparation and submitting of material submittals.
- Maintain implementation of traffic control plan.
- Completion of Asphalt work from St. A 2+040 to St.3+300 (90% complete)
- Completion of asphalt work fromSt.A0+100 to St1+300 100%
- Continue excavation (cut/fill) from Sta.0+000 to St.1+440 (98% complete).
- Continue excavation of trench, bedding and installation of 75 mm pipe line from Sta. A1+500 to St.1+920(85% Complete).
- Continue subgrade work from St.1+500 to St.1+800 (100% completed)
- Continue Asphalt work from St.1+470 to St.1+800 (60% completed)
- Sub grade work from St. A 0+100 to St.1+450 (95% complete)
- Construction of stone walls from St. A 0+950 to 1+200 RHS and LHS (95% complete)
- Construction of stone walls from St. A 0+720 to 0+800 RHS (95% complete)
- Complete 1st layer of asphalt for segment B from sta. 0+200 to sta. 0+700 (95% complete).
- Starting side walk work in segment from St. 0+300 to sta. 0+700 (80% complete)
- Continue curb stone work in segment B from sta. 0+200 to sta. 0+700 (75% complete)
- Complete installing 4'' Steel Main water pipe line and (4''and 2'') distributions Water pipe line in segment B from sta. 0+700 to sta. 0+980 (80% completion)

- Complete installing guard rail from sta. 2+300 to sta. 3+200 in segment A (95% complete)
- Continue excavation and installation for storm water concrete pipe in segment B from Sta. B0+700 to Sta. B0+980 (75%)
- Continue formwork and casting concrete for concrete step barriers from sta. A0+500 to Sta. A0+950 (95% complete)
- Continue pouring concrete walls and roof slab for FCV Chamber at St.A0+720. (100% completed)
- Continue pouring concrete for the walls and roof slab combined Chamber at St.A1+180. (100% completed)
- Complete stone walls at St. A 1+200 to 1+250 LHS.(95% Completed)
- Complete first basecourse layer from St.A1+920 to St.2+260. (85% completed)
- Complete subgrade work in segment B from St.0+00 to 0+220.(100% completed)
- Complete first base course layer in segment B from St.0+00 to St.0+220. (100% completed)
- Complete asphalt 2st layer in segment B from St. .(100% completed)
- Complete stone walls repairing from St. A3+850 to St.5+500 (100% completed)
- Complete stone walls repairing from St. 2+300 to St. 3+300 (100% completed)
- Start road widening at intersection of segment E&A at St.A3+200.
- Continue retaining walls work at segment E from St.0+40 to St.0+720
- Continue retaining and boundary walls at segment b fromSt.0+00 to St.0+980
- Continue stone walls at segment B from fromSt.0+00 to St.0+980
- Continue stone walls at segment A from fromSt.3+200 to St.3+300
- Casting concrete for walls of combined chamber at St.3+850
- Starting excavation for flow control chamber at St.5+100
- Complete installing wash out chambers at segment A St. 0+700.
- Complete installing wash out chambers at segment A St. 0+930.
- Complete installing wash out chambers at segment A St. 1+1350.
- Complete installing wash out chambers at segment A St. 3+580.
- Complete installing Gate valve chambers segment A at St. 1+700, St. 1+830 and St. 2+260.
- Starting Subgrade work at segment A from St.6+200 to St.6+800.
- Starting 8".6" &3" pipe line from St.7+000 to St. 6+200
- Continue installing catch basins at segment B from St.0+00 to st.0+220.
- Starting road work in segment E from St.0+00 to St.0+240.
- Starting retaining wall work at segment A between St.6+400 to St.6+800
- Completion sub grade work in segment A from St.0=70 to St.0+120
- Completion 1st base course layer work in segment A from St.0=70 to St.0+120
- Complete 300mm pipe line from St. A 1+350 to1+500

PLANNED ACTIVITIES FOR NEXT MONTH:

- Continue survey works and preparation and submitting of material submittals.
- Continue delivery of steel pipes and fittings.
- Maintain implementation of traffic control plan.
- Start road widening at intersection of segment E & A at St.A3+200.
- Backfill behind retaining walls work at segment E from St.0+40 to St.0+720
- Continue retaining walls in segment E from St.0+500 to St.0+550.
- Continue excavation, bedding, installation of 50 mm and 100 mm steel pipes and backfill from Sta.B0+700 to Sta. B 0+980.
- Continue excavation, bedding, installation of 600 mm storm water pipes and backfill from Sta.B0+700 to Sta. B 0+980.
- Continue construction of road from Sta. B 0+700 to 0+980
- Start spreading and compacting second Base course layer in segment B from Sta. B0+700 to Sta0+900.
- Continue concrete work construction (Retaining Walls and Boundary Walls) in segment E.
- Continue formwork and casting concrete for concrete step barriers from sta. A1+280 to Sta. A1+440.
- Continue asphalt work from St. A 1+500 to St.2+300.
- Continue asphalt work from St. A 0+70 to St.0+120
- Continue Subgrade work in segment A from St. A6+200 to 6+700.
- Continue Pipeline work in segment A from St. A6+200 to 7+000.
- Starting concrete protection and ditches in segment A 0+100 to 0+500 and 2+300 to 3+100.
- Starting 300 mm pipe line in at segment E from st.0+00 to St.0+220.
- Start subgrade work at segment B from St.0+700 to St.0+980.
- Continue curbstone work at segment B.
- Continue pouring concrete for side walk in segment B.

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INDICATOR NO. 01- Number of pipelines installed, road constructed or repaired through USG assistance:

Road Works-	
Total Road reconstruction (100% Completed)	0.00 Km
Target value	10.8 Km
Number of kilometers constructed or repaired through end of this reporting period=	**0.00** Km
Water Pipeline Works-	
Total Pipelines installed (100% Completed)	2.80 Km
Target value	16.38 Km
Number of kilometers of pipelines installed through end of this reporting period.	**10.71** Km

WORKING / NON-WORKING DAYS

1	Total Period of Performance (Original)	540
2	Total Excusable delays/approved extensions	0
3	Modified Period of Performance	---
4	Modified Completion Date	---
5	No. of Working Days during this reporting Period	22
6	Accumulated Working Days	288
7	Total No. of non-working days (Holidays and weekends) during this reporting Period	9
8	Accumulated non-working days (Holidays and weekends)	62
9	No. of other non-working days during this month**	0
10	Accumulated other non-working days	10

INDICATOR NO. 2: GENERATED PERSON-DAYS OF EMPLOYMENT:

All reported materials are up to date and meet the five quality data standards (Clause H.9).

This indicator count only local Palestinian staff whose time is charged to the USAID activity (the Contractor at the "prime" and "first tier" subcontractor level only). 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) are included. All reported person-days are calculated based on the approved Daily Joint Reports.

Task Order

- Target value= **19,539**
- Employment generated previously = **11,759.2** ≈ 11,759 Person-Days (per CMC audit up to July 31, 2014)
- Employment generated this month =2,729.9 ≈ 2,730 Person-Days
- Total cumulative employment (Male and Female) generated to-date= **14,489.1** ≈ 14,489 Person-Days
- Total cumulative Female employment generated previously= **459.1** ≈ 459 Person-Days (audited up to July 31, 2014)
- Total Female employment generated during this reporting period= 44 Person-Days
- Total cumulative Female employment generated to-date= **503.1** ≈ 503 Person-Days

Total Person Days	**No. of Full Time Equivalent (FTE) Jobs =** (Total Person Days / 23.8)
Generated previously = 11,759 Person-days	Generated previously = 494.1≈ 494
During this reporting period = 2,730 Person-days	During this reporting period = 114.7≈ 115
Total generated to-date = 14,489 Person-days	Total generated to-date = 608.8≈ 609 (rounded to nearest FTE)

SITE MEMO:

- **See Appendix D** Site Memos log

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PROCUREMENT:

October 02, 2014	2 inch steel pipe	QTY	290.0 LM
October 12, 2014	12 inch steel pipe	QTY	597.8 LM
October 13, 2014	4 inch steel pipe	QTY	744.2 LM
	8 inch steel pipe	QTY	109.8 LM
October 14, 2014	8 inch steel pipe	QTY	597.8 LM
October 21, 2014	6 inch steel pipe	QTY	610.0 LM
October 26, 2014	3 inch steel pipe	QTY	1,622.6 LM

INSPECTION REQUEST:

- See **Appendix E**- Inspection request log

During this reporting period **160** inspection requests were issued and/or closed as follow:

NHT	No. of IRs	No. Reviewed	No. Pending	% No Exception Noted	% Make Corrections Noted	% Amend-Resubmit	% Rejected-Resubmit
No.	160	150	10	116	0	33	1
%		93.8%	6.3%	72.5%	0.0%	20.6%	0.6%

Non Compliance Report Log - NCR -

One NCR was issued during this reporting period as detailed below:

NCR log

Number	Date	Subject	Corrective Action
002	October 15, 2014	Casting concrete without engineer's acceptance at segment A.	The concrete step barriers from Sta. A 0+937.40 to Sta. A 0+944.80 at RHS and from Sta. A 0+952.20 to Sta. A 0+959.60 at RHS were demolished and it will be reconstructed.

QUALITY CONTROL AND TEST RESULTS:

During this reporting period **107** Test Reports were issued and/or closed as follow:

NHT	No. of Tests	No. Reviewed	No. Pending	% No Exception Noted	% Make Corrections Noted	% Amend-Resubmit	% Rejected-Resubmit	% Review Not Required
No.	107	35	72	30	0	5	0	0
%		32.7%	67.3%	28.0%	0.0%	4.7%	0.0%	0.0%

Tests Log summary table up to this reporting period

Material Description	Test description	Number of tests	Pass	Fail	Notes (Action taken for failed tests)
Soil under R.W Foundation	Bearing Capacity	1	1	0	
Soil	Slope Stability	1	1	0	
	Geotechnical	5	1	0	4 Pending Submittal
	Classification	2	2	0	
Concrete	Compressive Strength	181	148	1	3 Tests were returned as E (Review not required) since the same report was submitted twice. One 7 days test report was rejected. Result of 28 days was submitted and passed. 29 Pending Submittals

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Material Description	Test description	Number of tests	Pass	Fail	Notes (Action taken for failed tests)
Concrete	Core Test	2	1	0	1 Pending Submittal
Concrete Curb		1			1 Pending Submittal
Pre Cast Manhole	Compressive Strength	1		1	
Ductile Iron Covers and Frame	Ultimate load test	1		1	
Reinforcement Steel		3	2	0	1 Pending Submittal
Base course	Comprehensive	15	12	1	2 Pending Submittal
	Modified Proctor	1	1	0	
	Gradation test	3	2	1	
	Field density	46	35	4	7 Pending Submittal
	Sieve Analysis	3	-	2	1 Pending Submittal
Sub-Grade	Field density	27	21	2	4 Pending Submittal
	Modified Proctor	21	16	0	5 Pending Submittal
	Classification	2	2	0	
Benching	Field density	4	3	1	Failed area was Re-compacted , re-tested and passed
	Modified Proctor	2	2	0	
Topping Material	Comprehensive	1	1	0	
	Field density	2	2	0	
Bedding Material	Sieve analyses	14	12	0	2 Pending Submittal
Backfilling Material	Field density	32	29		3 Pending Submittal
	Modified Proctor	11	8		3 Pending Submittal
	Classification	2	2	0	
Welded Joints	Radiographic Testing	5	1	3	APCO to submit a plan for remedial plan for failed joints and submit required documents to close R.R test reports. 1 Pending Submittal
Asphalt	MC	4	4		
	Comprehensive Test	6	5		1 Pending Submittal
	Core Test	4			4 Pending Submittal
Water Pipeline	Pressure Test	5	2	2	1 Pending Submittal

SUBMITTALS:

- **See Appendix F** Submittals log for this reporting period.

No. of submittals submitted and/or closed during this reporting period:

NHT	No. of SUB	No. Reviewed	No. Pending	% No Exception Noted	% Make Corrections Noted	% Amend-Resubmit	% Rejected-Resubmit	% Review Not required
No.	38	29	9	0	21	8	0	0
%		76.3%	23.7%	0.0%	55.3%	21.1%	0.0%	0.0%

RFI:

- **See Appendix G** RFI's log for this reporting period.

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TRANSMITTALS:

Outgoing / Incoming USAID Transmittals (USAID/ APCO/ArCon)

Date	Contractor Trans. No.	Sender/Recipient	Subject
October 01. 2014	By Email	USAID/ APCO/ArCon	No work in Husan
October 02. 2014	By Email	APCO/ArCon/ USAID	RE: T.O 15- August 2014 - Monthly Report- Modified
October 08. 2014	By Email	APCO/ArCon/ USAID	Request for donation number - TO#15
October 09. 2014	By Email	APCO/ArCon/ USAID	T.O 15- September 2014 - Monthly Report- Draft
October 10. 2014	By Email	USAID/ APCO/ArCon	Re: Request for donation number - TO#15
October 15. 2014	By Email	APCO/ArCon/ USAID	RE: Request for donation number - TO#15
October 15. 2014	By Email	APCO/ArCon/ USAID	RE: TO 13-00015 NHT: Urgent Progress Meeting
October 15. 2014	By Email	USAID/ APCO/ArCon	MONTHLY CONTRACTING OFFICER"S MEETING # 12
October 16. 2014	By Email	APCO/ArCon/ USAID	REMINDER: T.O 15- August 2014 - Monthly Report- Modified
October 20. 2014	By Email	USAID/ APCO/ArCon	Re: Request for donation number - TO#15
October 20. 2014	By Email	USAID/ APCO/ArCon	Re: Request for donation number - TO#15
October 20. 2014	By Email	APCO/ArCon/ USAID	RE: Request for donation number - TO#15
October 20. 2014	By Email	APCO/ArCon/ USAID	RE: Request for donation number - TO#15
October 21. 2014	By Email	USAID/ APCO/ArCon	Re: Request for donation number - TO#15
October 21. 2014	By Email	USAID/ APCO/ArCon	Re: T.O 15- August 2014 - Monthly Report- Modified
October 21. 2014	By Email	USAID/ APCO/ArCon	Re: TO 13-000165 NHT: Accident At sta. A5+000
October 21. 2014	By Email	USAID/ APCO/ArCon	Re: TO 13-00015 NHT: Submission of VOR
October 21. 2014	By Email	USAID/ APCO/ArCon	Re: Request for welder approval documentation
October 22. 2014	By Email	APCO/ArCon/ USAID	RE: TO 13-000165 NHT: Accident At sta. A5+000
October 22. 2014	By Email	APCO/ArCon/ USAID	RE: T.O 15- August 2014 - Monthly Report- Modified
October 22. 2014	By Email	APCO/ArCon/ USAID	T.O 15- September 2014 - Monthly Report- Draft
October 22. 2014	By Email	APCO/ArCon/ USAID	RE: Request for welder approval documentation
October 22. 2014	By Email	USAID/ APCO/ArCon	Donation Number Request for APCO/ArCon
October 23. 2014	By Email	APCO/ArCon/ USAID	RE: Donation Number Request for APCO/ArCon
October 23. 2014	By Email	APCO/ArCon/ USAID	RE: TO 13-00015 NHT: Submission of VOR
October 24. 2014	By Email	USAID/ APCO/ArCon	Fwd: FW: TO 13-00015 NHT: Weekly summery Update, Photos, and resource sheets.
October 27. 2014	By Email	USAID/ APCO/ArCon	Re: MONTHLY CONTRACTING OFFICER"S MEETING # 12
October 28. 2014	By Email	APCO/ArCon/ USAID	REMINDER: T.O 15- September 2014 - Monthly Report- COR Comments
October 31. 2014	By Email	USAID/ APCO/ArCon	Past Performance under TO 13-00015
October 31. 2014	By Email	APCO/ArCon/ USAID	RE: Past Performance under TO 13-00015
October 31. 2014	By Email	USAID/ APCO/ArCon	Re: Past Performance under TO 13-00015

Outgoing / Incoming Consultant Correspondences (B&V/ APCO/ArCon)

Date	Contractor Trans. No.	Sender/Recipient	Subject
October 01.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: QCM During pouring concrete
October 02.2014	By Email	APCO/ArCon/ B&V	RE: Safety and Traffic controls during Eid Holiday
October 02.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Accident Report
October 08.2014	By Email	APCO/ArCon/ B&V	RE: Access to Natural Reserve
October 09.2014	By Email	B&V/APCO/ArCon	RE: Access to Natural Reserve
October 11.2014	By Email	APCO/ArCon/ B&V	All Task Orders- Geo-MIS Data - September 2014
October 11.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: RE: Improvements in Nahaleen noticed
October 11.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015 NHT: RE: Improvements in Nahaleen noticed
October 11.2014	By Email	APCO/ArCon/ B&V	RE: TO 13-00015 NHT: RE: Improvements in Nahaleen noticed
October 13.2014	By Email	B&V/APCO/ArCon	APCO Task Orders: Environmental Compliance Workshop
October 13.2014	By Email	B&V/APCO/ArCon	Possible Volunteer Activity -- Olive Picking

Date	Contractor Trans. No.	Sender/Recipient	Subject
October 14.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Manholes - Puddle Flanges
October 14.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Security Guard at Nahaleen Office
October 14.2014	By Email	B&V/APCO/ArCon	FW: TO 13-00015 NHT: Non compliance of traffic control plan at seg.B
October 15.2014	By Email	APCO/ArCon/ B&V	RE: TO 13-00015 NHT: Non compliance of traffic control plan at seg.B
October 15.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015 NHT: Non compliance of traffic control plan at seg.B
October 15.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Urgent Progress Meeting
October 15.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015 NHT: Urgent Progress Meeting
October 15.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015 NHT: Urgent Progress Meeting
October 16.2014	By Email	APCO/ArCon/ B&V	TO-13-00015-NHT-Submittal need to be expedite
October 16.2014	By Email	B&V/APCO/ArCon	RE: TO-13-00015-NHT-Submittal need to be expedite
October 16.2014	By Email	APCO/ArCon/ B&V	RE: TO-13-00015-NHT-Submittal need to be expedite
October 16.2014	By Email	APCO/ArCon/ B&V	RE: APCO Task Orders: Environmental Compliance Workshop
October 16.2014	By Email	B&V/APCO/ArCon	RE: TO-13-00015-NHT-Submittal need to be expedite
October 16.2014	By Email	APCO/ArCon/ B&V	RE: TO-13-00015-NHT-Submittal need to be expedite
October 19.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015 NHT: Storm Water Test
October 19.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015 NHT: Existing Pipe Culvert to be Cleaned and Extended
October 20.2014	By Email	B&V/APCO/ArCon	RE: TO: 13-00015-NHT-Existing pipe line at sta. 0+620 LHS
October 20.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Draft MOM #13
October 20.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Pipes handling and capping
October 20.2014	By Email	APCO/ArCon/ B&V	RE: TO: 13-00015-NHT-Existing pipe line at sta. 0+620 LHS
October 20.2014	By Email	B&V/APCO/ArCon	RE: TO: 13-00015-NHT-Existing pipe line at sta. 0+620 LHS
October 21.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Chambers log
October 22.2014	By Email	B&V/APCO/ArCon	TO 13-00015-NHT-Quality finish of Concrete supports Seg. D
October 22.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015-NHT-Quality finish of Concrete supports Seg. D
October 22.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015-NHT-Quality finish of Concrete supports Seg. D
October 22.2014	By Email	APCO/ArCon/ B&V	RE: TO 13-00015-NHT-Quality finish of Concrete supports Seg. D
October 22.2014	By Email	APCO/ArCon/ B&V	RE: TO 13-00015-NHT-Quality finish of Concrete supports Seg. D
October 22.2014	By Email	B&V/APCO/ArCon	FW: Asphalt work
October 23.2014	By Email	B&V/APCO/ArCon	FW: TO 13-00015 NHT: Final MOM #13
October 23.2014	By Email	APCO/ArCon/ B&V	RE: Asphalt work
October 23.2014	By Email	APCO/ArCon/ B&V	RE: TO 13-00015 NHT: Submission of VOR
October 23.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015 NHT: Submission of VOR
October 23.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Safety measures at Sta. A3+850
October 23.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Progress of concrete and pipe works
October 23.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015 NHT: Urgent Progress Meeting - follow up
October 27.2014	By Email	B&V/APCO/ArCon	FW: TO 13-000015-NHT-Temporary sign at sta. A0+080 LHS
October 27.2014	By Email	APCO/ArCon/ B&V	FW: All information about Unispeed -Topcoat /Nirlat Co. -TO 15
October 28.2014	By Email	B&V/APCO/ArCon	RE: All information about Unispeed -Topcoat /Nirlat Co. -TO 15
October 29.2014	By Email	B&V/APCO/ArCon	RE: TO 13-00015 NHT: RE: Improvements in Nahaleen noticed
October 29.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Draft MOM #14
October 31.2014	By Email	B&V/APCO/ArCon	TO 13-00015 NHT: Final MOM #14

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PAYMENTS:

Voucher Number	Submitted Date	Amount	Retention Amount	Amount Received	Date Received
01	January 21, 2014	$ 420,348.25	$0.00	$ 420,348.25	January 31, 2014
02	April 17, 2014	$ 196,557.35	$0.00	$ 196,557.35	May 07, 2014
03	May 26, 2014	$ 80,563.73	$0.00	$ 80,563.73	June 10, 2014
04	June 23, 2014	$ 307,982.25	$0.00	$307,982.25	July 07, 2014
05	July 07, 2014	$ 264,072.60	$0.00	$ 264,072.60	July 23, 2014
06	August 03, 2014	$ 196,970.51	$0.00	$ 196,970.51	August 22, 2014
07	Sep. 07, 2014	$ 358,685.86	$0.00	$ 358,685.86	Sep. 23, 2014
08	Oct. 11, 2014	$ 513,359.74	$0.00	$ 513,359.74	Oct. 28, 2014
Total		**$ 2,338,540.29**	**$0.00**	**$ 2,338,540.29**	

APCO/ArCon total accrued expenditures $1,678,305.71

VARIATION ORDERS

VO No.	DESCRIPTION	VO Status (AP/PE/RE/RJ)			Date Sent to B&V	USAD Approval Date	Variation order Amount	Time Ex.
		APCO	B&V	USAID				
No Variation Orders were issued during this reporting period.								

AP: Approved PE: Pending RE: Revise RJ: Rejected

VARIATION ORDER REQUESTS:

VOR No.	DESCRIPTION	Date Sent to B&V	Variation order Amount	Time Ex.
01	Concrete New jersey Barrier vs. Steel Barrier	June 02, 2014	$0.00 Approved	00 Days
02	Change in the requirements, Additional works, New item prices	Oct. 26, 2014	$106,360.89 In Progress	10 Days

OBSTACLES AND CHALLENGES

Issue	Action
Progress challenges and inconsistency of resources and progress momentum due to subcontractor resources.	APCO started to mitigate the delays and go back on track by increasing staffing and resourcing and implementing night work plan. APCO/ArCon strictly applied terms and conditions of its contract with Subcontractor to ensure adequate resources is dedicated to the work in accordance with recovery plan. APCO/ArCon interference directly in the actual implementation of the project resulted in minimizing project negative float and increasing project resources.

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PROGRESS PHOTOS

Segment A- Formwork and steel fixing for water chambers.

Segment A- Mixing, Spreading and compacting 2nd Base course layer from St. 0+720 to St. 0+860.

Segment A- Casting concrete for step barriers.

Segment A- Stone walls construction.

Segment E- Applying bituminous coating for retaining walls.

Segment B: Steel reinforcement for boundary wall.

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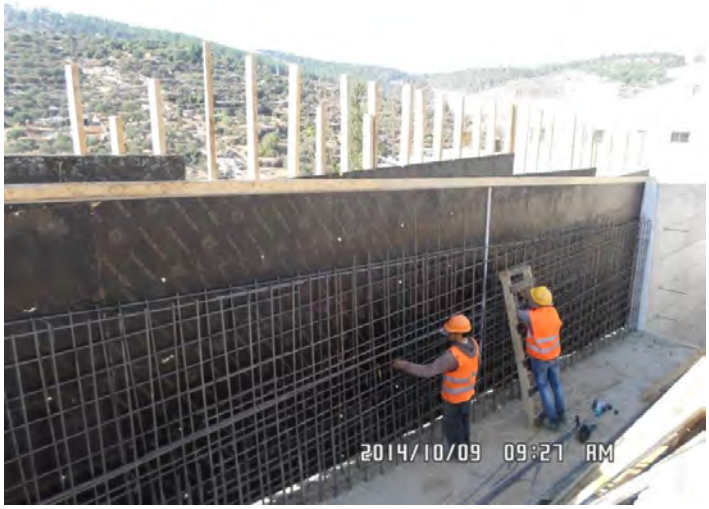
Segment B- Compaction of asphalt binder layer from St. B0+000 to St. B0+300.

Segment A- Asphalt wearing layer compaction.

Segment B- Digging for Storm water pipes.

Segment A- Triple pipe trench (3", 6" and 8") pipe installation and welding) from St. A7+000 to St.6+800.



Segment E- formwork and steel reinforcement for Retaining walls

Segment A- Concrete encasement for water pipelines.

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Segment B- Storm water pipes installation.

Segment A- Trench excavation at St. 7+000.

Segment A- Guardrail installation

Segment B- Casting concrete for sidewalks.

A | Materials- Equipments Receiving Log

Project: Nahaleen Main Pipeline Project
USAID Contract No. 294-I-00-12-00005
Contractor: APCO/ArCon

Title: Equipment receiving log/October, 2014

Date	Grader CAT		Bob Cat		Wheel roller		Wheel Loader		Wheel Excavator		Backhoe		Welding Machine		Truck, Mercedes		Marcedes(608)		MC Tank		Truck ,valavo		WATER TANK		Trensher		Finisher		Asphalt Steel Roller		chain loader		chain excavator		plate Compactor		Rubber roller		concrete pump		concrete mixer		Crane machine		Asphalt Cutting Machine		Steel Roller	
	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle
1-Oct	2		2		2		1		1		5		1		4								2	1										1	1						2		1					1
2-Oct	2			2	2		1			1	4	1		1	1	1							1	2										1		1					2			1			1	
3-Oct		2		2		2		1		1		5		1		2								3										1		1					2			1				1
4-Oct		2		2		2		1		1		5		1		2								3										1		1					2			1				1
5-Oct		2		2		2		1		1		5		1		2								3										1		1					2			1				1
6-Oct		2		2		2		1		1		5		1		2								3										1		1					2			1				1
7-Oct		2		2		2		1		1		5		1		2								3										1		1					2			1				1
8-Oct	2		1	1	2		1		1		5		1		4								1	1										1		1							1					1
9-Oct	2		1	1	2		1		2		5			1	4								1	1										1		1							1					1
10-Oct		2		2		2		1		2		5		1		4								2										1		1								1				1
11-Oct	2		2		2		1		2		5			1	4								1	1										1		1							1					1
12-Oct	2		2		2		1		2		5		1		4								1	1										1	1								1					1
13-Oct	2		2		2		1		2		5			1	4								1	1										1	1								1					1
14-Oct	2		2		2		1		2		5		1		4								1	1										1	1								1					1
15-Oct	2		2		2		1		2		5		1		4								1	1										1	1								1					1
16-Oct	2		2		2		1		2		5		1		4								1	1										1	1								1					1
17-Oct	2			2	2		1			2	2	3		1	2	2							1	1									1			1							1				1
18-Oct	3		2		2		1		2		5		1		4								2	1									1	2	1								1				1	
19-Oct	3		2		2		1		2		5			1	4								1	2									1	2	1								1				1	
20-Oct	3		2		2		2		2		5		1		9								2	1									3		1								1				1	
21-Oct	3		2		2		3		2		6		1		6								2	1									3		1								1				1	
22-Oct	3		2		4		3		2		6		1		6								2	1			1						3		1								1				2	
23-Oct	2	1	2		4		3		2		6		1		6								2	1			1						3		1								1				2	
24-Oct		3		2		4		3		2		6		1		6								3				1						3		1								1				2
25-Oct	2	1	2		2		2		2		6		1		6				1				2	1			1						2	1	1		2						1				2	
26-Oct	2	1	2		2		2		2		6		1		6				1				2	1	1		1		1				2	1	1		2						1				1	
27-Oct	2	1	2		2		2		2		6		1		6				1				2	1	1		1		1				2	1	1		2		1		3		1				1	
28-Oct	2	1	2		2		2		2		6		1		6				1				2	1		1	1			1			2	1	1		2		1		10		1				1	
29-Oct	2		2		2		2		2		6		1		6					1			2	1		1		1		1			2	1	1			2	1		9		1				1	
30-Oct	1	1	2		2		2		2		6		1		6					1			2	1		1		1		1			2	1	1			2	1		1		1				1	
31-Oct		2		2		2		2		2		6		1		6				1				3		1		1		1				3		1		2						1				1

Project: Nahaleen Main Pipeline Project
USAID Contract No. 294-I-00-12-00005
Contractor: APCO/ArCon

Title: Materials Receiving Log/October 2014

Date	Material Delivered to Site	Quantity
1-Oct	Concrete B 250	35 m3
	Concrete B 350 cylinder	18 m3
	2 inch Galvanize steel pipes	290.00 LM
	Base course	400 ton
2-Oct	Concrete B 250	7 m3
	Base course	400 ton
3-Oct		
4-Oct	(Eid Al- Adha holiday).	
5-Oct		
6-Oct		
7-Oct		
8-Oct		
9-Oct	Precast water manhole 1.5*1.5*2	4
10-Oct		
11-Oct	Ductile iron cover (750 mm) clear opening	30 piece
	Base course	400 ton
	Concrete B 350 cylinder	13 m3
	Concrete B 250	9 m3
12-Oct	Concrete B 250	11 m3
	12 inch steel pipes	597.8 LM
	12 inch shrinkable sheet	49 piece
	Base course	400 ton
13-Oct	Concrete B 250	47 m3
	4 inch and 8 inch steel pipes	854 LM
	4 inch and 8 inch shrinkable sheet	70 piece
	Base course	200 ton
14-Oct	Concrete B 250	47 m3
	8 inch steel pipes	597.8 LM
	8 inch shrinkable sheet	49 piece
15-Oct	Base course	500 ton
	Concrete B 250	9 m3
16-Oct	Base course	500 ton
	Concrete B 250	35 m3
17-Oct		
18-Oct	Base course	700 ton
19-Oct	Base course	700 ton
	Concrete B 250	40 m3
20-Oct	Concrete B 250	31 m3
21-Oct	Base course	150 ton
	Concrete B 250	40 m3
	6 inch steel pipes	610 LM
	6 inch shrinkable sheet	50 Piece

Project: Nahaleen Main Pipeline Project
USAID Contract No. 294-I-00-12-00005
Contractor: APCO/ArCon

Title: Materials Receiving Log/October 2014

Date	Material Delivered to Site	Quantity
22-Oct	Base course	150 ton
	Concrete B 250	12 m3
	Asphalt binder course	380 ton
	Asphalt wearing course	80 ton
23-Oct	Base course	400 ton
	Asphalt wearing course	389 ton
24-Oct		
25-Oct	Base course	400 ton
	Asphalt wearing course	270 ton
	Concrete B 250	36 m3
26-Oct	Base course	400 ton
	Asphalt wearing course	363.5 ton
	Concrete B 250	38 m3
	3 inch steel pipes	1622.6 LM
	3 inch shrinkable sheet	133 piece
27-Oct	Concrete B 250	30 m3
	Asphalt wearing course	189.49 ton
	Concrete B 350	5 m3
28-Oct	Concrete B 250	78 m3
	Asphalt wearing course	173.1 ton
	Concrete B 250	16 m3
29-Oct	Concrete B 250	59 m3
	Concrete B 350	9 m3
	Concrete B 150	21 m3
	Curbstone	250 LM
	600 mm precast pipes	46 LM
30-Oct	Blinding material	200 ton
	Backfilling material	300 ton
	600 mm precast pipes	46 LM
	Concrete	9 m3
31-Oct		

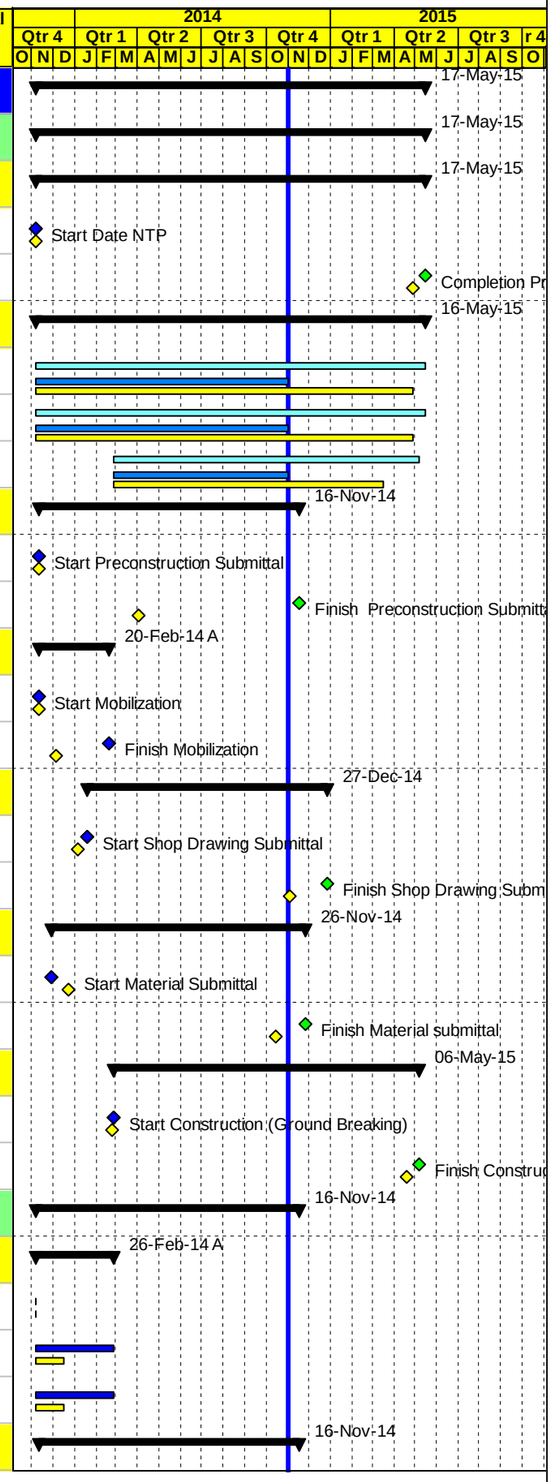
B | Detailed Time Schedule for the Project
Proposed Baseline Schedule

APCO ArCon
CONSTRUCTION AND SERVICES

Updated Construction Program
October 31, 2014

TO15
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Nahaleen Main Pipeline Project		557d		197d	06-Nov-13	29-Apr-15	06-Nov-13 A	17-May-15	-18d	$11,614,815	$4,016,846
Milestones		557d		197d	06-Nov-13	29-Apr-15	06-Nov-13 A	17-May-15	-18d	$0	$0
General Milestones		557d		0d	06-Nov-13	29-Apr-15	06-Nov-13 A	17-May-15	-18d	$0	$0
NHT0000	Start Date NTP	0d	100%	0d	06-Nov-13		06-Nov-13 A			$0	$0
NHT0010	Completion Project	0d	0%	0d		29-Apr-15		17-May-15	-18d	$0	$0
Task order Duration		539d		197d	06-Nov-13	28-Apr-15	06-Nov-13 A	16-May-15	-18d	$0	$0
NHT0020	Project Duration (Calendar Days)	539d	63.45%	197d	06-Nov-13	28-Apr-15	06-Nov-13 A	16-May-15	-18d	$0	$0
NHT0030	Project Duration (Working Days)	445d	65.39%	154d	06-Nov-13	28-Apr-15	06-Nov-13 A	16-May-15	-15d	$0	$0
NHT0040	Construction Duration (Working Days)	326d	55.26%	146d	26-Feb-14	16-Mar-15	26-Feb-14 A	06-May-15	-15d	$0	$0
Pre Construction Milestones		265d		0d	10-Nov-13	01-Apr-14	10-Nov-13 A	16-Nov-14	118d	$0	$0
NHT0050	Start Preconstruction Submittal	0d	100%	0d	10-Nov-13		10-Nov-13 A			$0	$0
NHT0060	Finish Preconstruction Submittal	0d	0%	0d		01-Apr-14		16-Nov-14	118d	$0	$0
Mobilization Milestones		20d		0d	11-Nov-13	04-Dec-13	11-Nov-13 A	20-Feb-14 A		$0	$0
NHT0070	Start Mobilization	0d	100%	0d	11-Nov-13		11-Nov-13 A			$0	$0
NHT0080	Finish Mobilization	0d	100%	0d		04-Dec-13		20-Feb-14 A		$0	$0
Shop Drawing Milestones		304d		0d	06-Jan-14	03-Nov-14	20-Jan-14 A	27-Dec-14	97d	$0	$0
NHT0090	Start Shop Drawing Submittal	0d	100%	0d	06-Jan-14		20-Jan-14 A			$0	$0
NHT0100	Finish Shop Drawing Submittal	0d	0%	0d		03-Nov-14		27-Dec-14	97d	$0	$0
Material Milestones		290d		0d	24-Dec-13	15-Oct-14	28-Nov-13 A	26-Nov-14	118d	$0	$0
NHT0110	Start Material Submittal	0d	100%	0d	24-Dec-13		28-Nov-13 A			$0	$0
NHT0120	Finish Material submittal	0d	0%	0d		15-Oct-14		26-Nov-14	118d	$0	$0
Construction Milestones		371d		0d	24-Feb-14	19-Apr-15	26-Feb-14 A	06-May-15	-15d	$0	$0
NHT0130	Start Construction (Ground Breaking)	0d	100%	0d	24-Feb-14		26-Feb-14 A			$0	$0
NHT0140	Finish Construction Phase	0d	0%	0d		19-Apr-15		06-May-15	-15d	$0	$0
Pre Construction Phase		358d		15d	06-Nov-13	12-Jun-14	06-Nov-13 A	16-Nov-14	164d	$442,472	$442,472
Conformed Drawings and Coordination		41d		0d	06-Nov-13	16-Dec-13	06-Nov-13 A	26-Feb-14 A		$0	$0
NHT0145	Final for Construction Drawing (Conformed)	1d	100%	0d	06-Nov-13	06-Nov-13	06-Nov-13 A	06-Nov-13 A		$0	$0
NHT0155	Coordination with local Authorities before Construction	40d	100%	0d	07-Nov-13	16-Dec-13	07-Nov-13 A	26-Feb-14 A		$0	$0
NHT0150	Coordination with Israeli authorities for approval and permit area C	40d	100%	0d	07-Nov-13	16-Dec-13	07-Nov-13 A	26-Feb-14 A		$0	$0
Pre Construction Submittals		255d		11d	06-Nov-13	12-Jun-14	10-Nov-13 A	16-Nov-14	118d	$0	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
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Milestone Early Bar | Milestone Actual | Critical Bar

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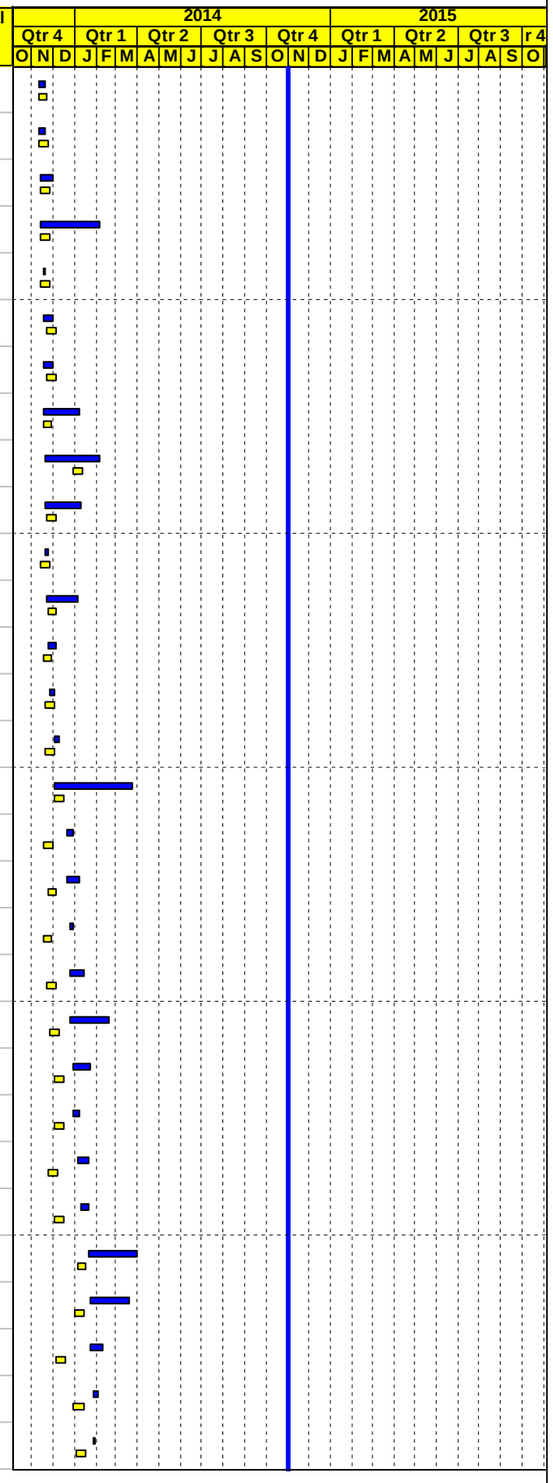
NHT0160	Schedule for Pre Construction Submittals & Mobilization	10d	100%	0d	10-Nov-13	21-Nov-13	10-Nov-13 A	20-Nov-13 A		$0	$0
NHT0170	Bank Guarantee Certificates	10d	100%	0d	10-Nov-13	24-Nov-13	10-Nov-13 A	19-Nov-13 A		$0	$0
NHT0190	Field Offices Location & Layout	10d	100%	0d	14-Nov-13	27-Nov-13	13-Nov-13 A	01-Dec-13 A		$0	$0
NHT0200	Field Offices Furniture & Equipment Plan	10d	100%	0d	14-Nov-13	27-Nov-13	13-Nov-13 A	06-Feb-14 A		$0	$0
NHT0210	Scheduling Qualification Submittals	10d	100%	0d	14-Nov-13	27-Nov-13	17-Nov-13 A	20-Nov-13 A		$0	$0
NHT0290	60-Day Plan of Operation	10d	100%	0d	21-Nov-13	04-Dec-13	17-Nov-13 A	01-Dec-13 A		$0	$0
NHT0300	Project Overview Bar Chart	10d	100%	0d	21-Nov-13	04-Dec-13	17-Nov-13 A	01-Dec-13 A		$0	$0
NHT0240	Submittals Schedule	10d	100%	0d	17-Nov-13	28-Nov-13	17-Nov-13 A	07-Jan-14 A		$0	$0
NHT0410	Trench safety plan	10d	100%	0d	29-Dec-13	12-Jan-14	19-Nov-13 A	06-Feb-14 A		$0	$0
NHT0280	Safety Plan	10d	100%	0d	21-Nov-13	04-Dec-13	19-Nov-13 A	09-Jan-14 A		$0	$0
NHT0180	Testing Lab	10d	100%	0d	14-Nov-13	27-Nov-13	20-Nov-13 A	24-Nov-13 A		$0	$0
NHT0330	Risk Management Plan	10d	100%	0d	24-Nov-13	05-Dec-13	22-Nov-13 A	05-Jan-14 A		$0	$0
NHT0230	Insurances	10d	100%	0d	17-Nov-13	28-Nov-13	24-Nov-13 A	05-Dec-13 A		$0	$0
NHT0260	Coordination with local Authorities Plan including list of permits & and licenses	10d	100%	0d	20-Nov-13	03-Dec-13	26-Nov-13 A	03-Dec-13 A		$0	$0
NHT0265	Temporary and Permanent Project Sign Plan	10d	100%	0d	20-Nov-13	03-Dec-13	03-Dec-13 A	09-Dec-13 A		$0	$0
NHT0390	CPM-Construction Schedule and S-Curve	10d	100%	0d	03-Dec-13	16-Dec-13	03-Dec-13 A	24-Mar-14 A		$0	$0
NHT0250	Subcontractors' profile	10d	100%	0d	18-Nov-13	01-Dec-13	22-Dec-13 A	30-Dec-13 A		$0	$0
NHT0320	Dilapidation Survey	10d	100%	0d	24-Nov-13	05-Dec-13	22-Dec-13 A	07-Jan-14 A		$0	$0
NHT0220	Key Personnel Plan	10d	100%	0d	17-Nov-13	28-Nov-13	25-Dec-13 A	30-Dec-13 A		$0	$0
NHT0270	QCP-Quality Control Program	10d	100%	0d	21-Nov-13	04-Dec-13	25-Dec-13 A	14-Jan-14 A		$0	$0
NHT0350	USAID Branding Plan	10d	100%	0d	26-Nov-13	09-Dec-13	25-Dec-13 A	20-Feb-14 A		$0	$0
NHT0370	Method Statement including asphalt disposal,pipeline install,formworks,curing,storm sys.,&R. mark	10d	100%	0d	03-Dec-13	16-Dec-13	29-Dec-13 A	23-Jan-14 A		$0	$0
NHT0380	Environmental Mitigation Plan	10d	100%	0d	03-Dec-13	16-Dec-13	29-Dec-13 A	07-Jan-14 A		$0	$0
NHT0340	Existing Survey Plan	10d	100%	0d	25-Nov-13	08-Dec-13	05-Jan-14 A	21-Jan-14 A		$0	$0
NHT0360	Material Staging ,Storage and dumping Areas Plan	10d	100%	0d	02-Dec-13	15-Dec-13	09-Jan-14 A	21-Jan-14 A		$0	$0
NHT0450	Welder Qualification procedure	10d	100%	0d	05-Jan-14	16-Jan-14	21-Jan-14 A	31-Mar-14 A		$0	$0
NHT0430	Welding procedure	10d	100%	0d	31-Dec-13	14-Jan-14	23-Jan-14 A	20-Mar-14 A		$0	$0
NHT0400	Traffic Control Plan Phase IA	10d	100%	0d	05-Dec-13	18-Dec-13	23-Jan-14 A	10-Feb-14 A		$0	$0
NHT0420	Public relation plan	10d	100%	0d	30-Dec-13	13-Jan-14	27-Jan-14 A	03-Feb-14 A		$0	$0
NHT0440	Third party testing lab	10d	100%	0d	02-Jan-14	15-Jan-14	27-Jan-14 A	30-Jan-14 A		$0	$0



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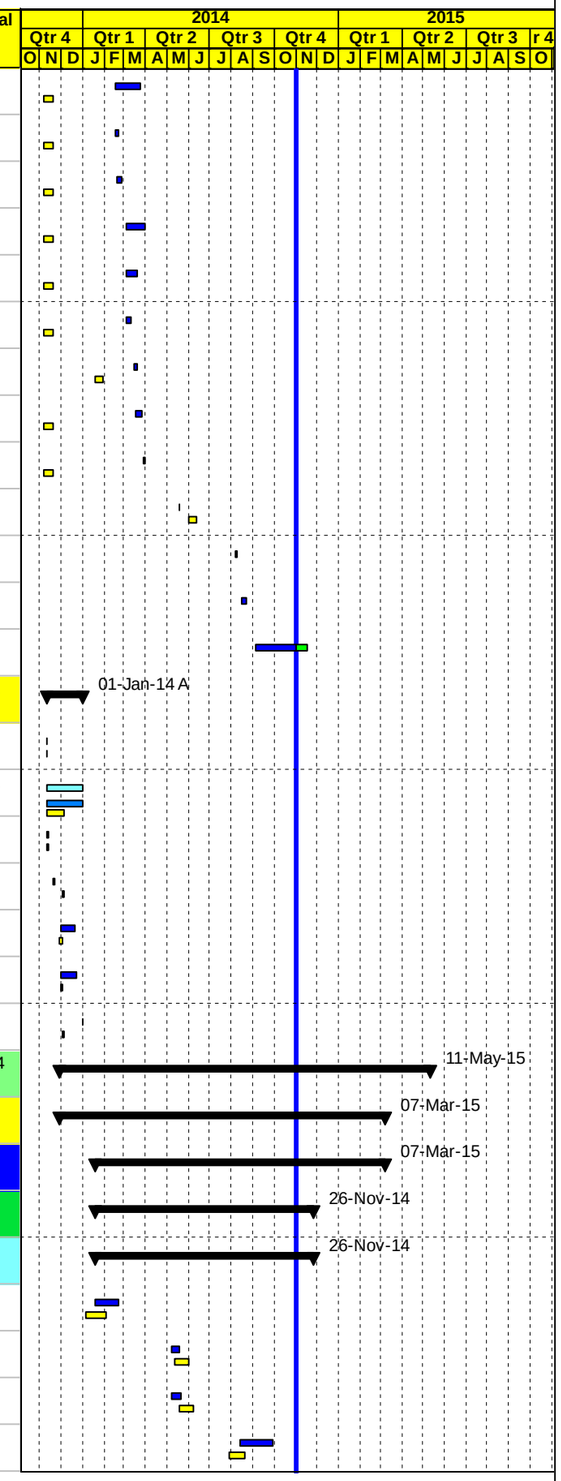
NHT0402-NEW	Traffic Control Plan - Phase 1B-Segment A from St. 0+000 to St. 1+450	10d	100%	0d	06-Nov-13	19-Nov-13	16-Feb-14 A	25-Mar-14 A		$0	$0
NHT0401-NEW	Traffic Control Plan Phase II	10d	100%	0d	06-Nov-13	19-Nov-13	17-Feb-14 A	22-Feb-14 A		$0	$0
NHT0431-NEW	3 inch Procedure Qualification Record(PQR)	10d	100%	0d	06-Nov-13	19-Nov-13	20-Feb-14 A	24-Feb-14 A		$0	$0
NHT0436-NEW	Radiographic Testing Safety Plan	10d	100%	0d	06-Nov-13	19-Nov-13	04-Mar-14 A	31-Mar-14 A		$0	$0
NHT0432-NEW	6 inch and over Procedure Qualification Recored (PQR)	10d	100%	0d	06-Nov-13	19-Nov-13	05-Mar-14 A	20-Mar-14 A		$0	$0
NHT0433-NEW	8-12 inch Procedure Qualification Record (PQR)	10d	100%	0d	06-Nov-13	19-Nov-13	05-Mar-14 A	12-Mar-14 A		$0	$0
NHT0455	R.T. testing agency qualifications	10d	100%	0d	19-Jan-14	30-Jan-14	15-Mar-14 A	20-Mar-14 A		$0	$0
NHT0435-NEW	Stockpile area for excavated material	10d	100%	0d	06-Nov-13	19-Nov-13	17-Mar-14 A	27-Mar-14 A		$0	$0
NHT0434-NEW	Welders Performance Qualification Certificates	10d	100%	0d	06-Nov-13	19-Nov-13	29-Mar-14 A	31-Mar-14 A		$0	$0
NHT0500-NEW	Traffic Control Plan from Sta.A2+270 to Sta.A3+320 -Segment A	10d	100%	0d	01-Jun-14	12-Jun-14	18-May-14 A	19-May-14 A		$0	$0
NHT0510-NEW	Traffic Control Plan from Sta.A1+940 to Sta.A2+270 -Segment A	10d	100%	0d			07-Aug-14 A	10-Aug-14 A		$0	$0
NHT0520-NEW	Husan Western Entrance Road Traffic Management Plan (Phases 03&05)	10d	100%	0d			17-Aug-14 A	22-Aug-14 A		$0	$0
NHT2020-NEW	pressure test, disinfection and chlorine plan for water pipelines	21d	50%	11d			04-Sep-14 A	16-Nov-14	118d	$0	$0
Mobilization		21d		0d	10-Nov-13	04-Dec-13	11-Nov-13 A	01-Jan-14 A		$442,472	$442,472
NHT0500	Site Hand Over	1d	100%	0d	11-Nov-13	11-Nov-13	11-Nov-13 A	11-Nov-13 A		$0	$0
NHT0480	Mobilization Total Cost (4.0%)	21d	100%	0d	10-Nov-13	04-Dec-13	11-Nov-13 A	01-Jan-14 A		$442,472	$442,472
NHT0510	Checking With CMC Existing-Bench Marks, Survey Control Points	2d	100%	0d	11-Nov-13	12-Nov-13	11-Nov-13 A	12-Nov-13 A		$0	$0
NHT0540	Start Preparation Construction Submittals (Survey plan , Shop Drawings & Materials)	3d	100%	0d	02-Dec-13	04-Dec-13	19-Nov-13 A	23-Nov-13 A		$0	$0
NHT0520	Supply and install Office Furniture's and Supplies	4d	100%	0d	28-Nov-13	02-Dec-13	30-Nov-13 A	22-Dec-13 A		$0	$0
NHT0530	Supply and install Office IT Equipments & Applience	4d	100%	0d	30-Nov-13	03-Dec-13	30-Nov-13 A	22-Dec-13 A		$0	$0
NHT0550	Install Temporary Project Sign	1d	100%	0d	04-Dec-13	04-Dec-13	01-Jan-14 A	01-Jan-14 A		$0	$0
Construction Phase		552d		192d	06-Nov-13	26-Apr-15	28-Nov-13 A	11-May-15	-13d	$11,061,726	$3,574,374
Construction Submittals		487d		127d	06-Nov-13	03-Nov-14	28-Nov-13 A	07-Mar-15	52d	$0	$0
Shop Drawing Submittals		487d		127d	06-Nov-13	03-Nov-14	20-Jan-14 A	07-Mar-15	52d	$0	$0
Plan Profile and Cross Sections		327d		21d	06-Nov-13	24-Aug-14	20-Jan-14 A	26-Nov-14	-15d	$0	$0
Plan Profile and Cross Sections for Group One		283d		21d	06-Jan-14	20-Aug-14	20-Jan-14 A	26-Nov-14	-15d	$0	$0
NHT0590	SEG.A From Sta.0+000 Ato Sta.1+440	21d	100%	0d	06-Jan-14	03-Feb-14	20-Jan-14 A	22-Feb-14 A		$0	$0
NHT0600	SEG.A From Sta.-A1+500 to A2+250	21d	100%	0d	12-May-14	31-May-14	07-May-14 A	19-May-14 A		$0	$0
NHT0610	SEG.A From Sta. 2+250 to Sta.A3+330	21d	100%	0d	19-May-14	08-Jun-14	08-May-14 A	21-May-14 A		$0	$0
NHT0630	Design and shop drawing for SEG. E From Sta. E0+000 to Sta.E1+367	21d	100%	0d	28-Jul-14	20-Aug-14	14-Aug-14 A	30-Sep-14 A		$0	$0



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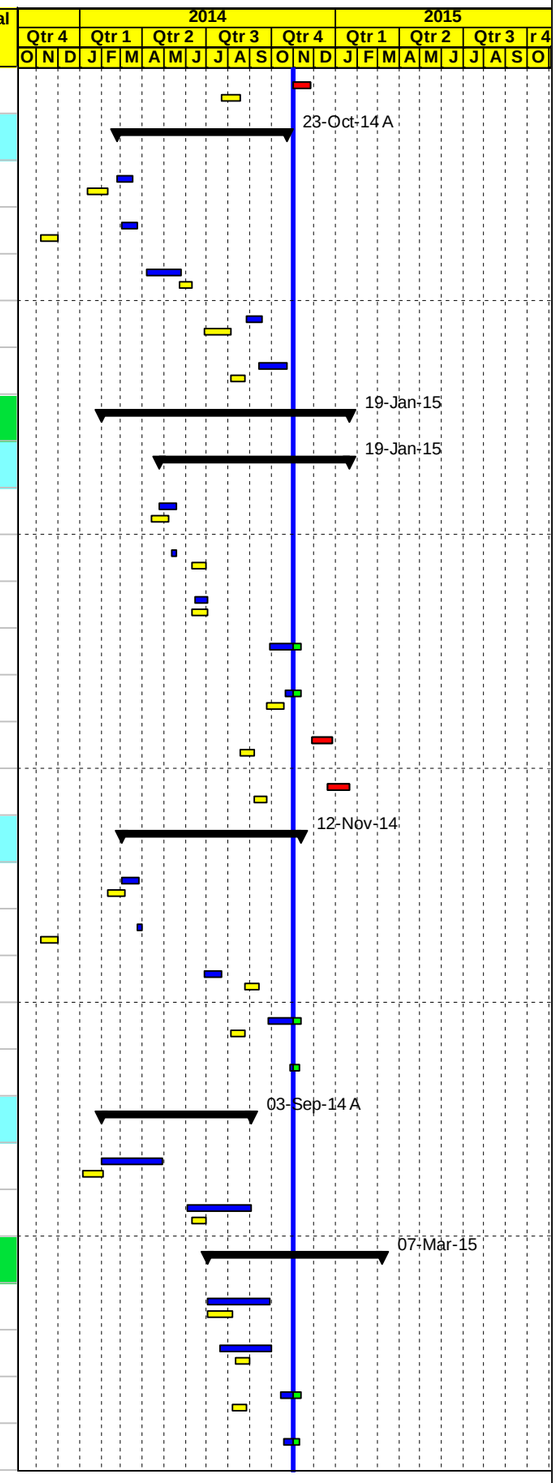
NHT0620	Seg.C From sta.C0+000 to C0+330	21d	0%	21d	21-Jul-14	17-Aug-14	01-Nov-14	26-Nov-14	-15d	$0	$0
Plan Profile and Cross Sections for Group Two		309d		0d	06-Nov-13	24-Aug-14	24-Feb-14 A	23-Oct-14 A		$0	$0
NHT0650	SEG.A From Sta.A3+850to Sta.A5+700	21d	100%	0d	13-Jan-14	09-Feb-14	24-Feb-14 A	17-Mar-14 A		$0	$0
NHT0651-NEW	SEG.A From Sta.3+330 to Sta.3+850	21d	100%	0d	06-Nov-13	01-Dec-13	03-Mar-14 A	25-Mar-14 A		$0	$0
NHT0680	SEG.B From Sta. B0+000 to Sta. B0+980	21d	100%	0d	22-May-14	10-Jun-14	06-Apr-14 A	26-May-14 A		$0	$0
NHT0660	SEG.A From Sta.A5+700 to Sta. 7+050	21d	100%	0d	28-Jun-14	04-Aug-14	26-Aug-14 A	18-Sep-14 A		$0	$0
NHT0670	SEG.A From Sta. 7+050 to Sta. A8+203	21d	100%	0d	04-Aug-14	24-Aug-14	14-Sep-14 A	23-Oct-14 A		$0	$0
Waterline		462d		80d	06-Nov-13	19-Oct-14	02-Feb-14 A	19-Jan-15	99d	$0	$0
Waterline for Group One		259d		59d	14-Apr-14	19-Oct-14	24-Apr-14 A	19-Jan-15	80d	$0	$0
NHT0705	300 mm & 75 mm Dia. Waterline Seg. A From Sta.A0+100 to Sta.A1+400	21d	100%	0d	14-Apr-14	08-May-14	24-Apr-14 A	20-May-14 A		$0	$0
NHT0720	50 mm Dia. Waterline Seg. A from Sta.2+260 to Sta.3+300	21d	100%	0d	10-Jun-14	30-Jun-14	12-May-14 A	20-May-14 A		$0	$0
NHT0715	75 mm Dia. Waterline Seg. A From Sta.A2+260- A1+440	21d	100%	0d	11-Jun-14	02-Jul-14	14-Jun-14 A	03-Jul-14 A		$0	$0
NHT0755-new	Water: From Sta.-0+038 To Sta.1+400-Segment E	21d	50%	11d			29-Sep-14 A	12-Nov-14	129d	$0	$0
NHT0735	150 mm Dia. Waterline for Battir distribution pipe from Sta.0+000 to Sta.1+040	21d	50%	11d	24-Sep-14	19-Oct-14	21-Oct-14 A	12-Nov-14	56d	$0	$0
NHT0725	200 mm & 100 mm Dia. waterline SEG.C from sta. 0+00 to st. C0+330	21d	0%	21d	17-Aug-14	06-Sep-14	27-Nov-14	27-Dec-14	-15d	$0	$0
NHT0730	100 mm Dia. Waterline for Hussan distribution pipe	21d	0%	21d	06-Sep-14	24-Sep-14	21-Dec-14	19-Jan-15	-15d	$0	$0
Waterline for Group Two		381d		12d	06-Nov-13	13-Sep-14	02-Mar-14 A	12-Nov-14	168d	$0	$0
NHT0740	250 mm & 50 mm Dia. Waterline Seg. A From Sta.A3+850 to Sta.A5+700	21d	100%	0d	10-Feb-14	05-Mar-14	02-Mar-14 A	27-Mar-14 A		$0	$0
NHT0741-NEW	250 mm & 50 mm Dia. Waterline Seg. A From Sta.3+350 to Sta.3+850 -Segment A	21d	100%	0d	06-Nov-13	01-Dec-13	24-Mar-14 A	01-Apr-14 A		$0	$0
NHT0750	100 mm Dia. for Main and Dist. Waterline SEG.B From Sta. B0+000 to Sta. B0+985	21d	100%	0d	24-Aug-14	13-Sep-14	28-Jun-14 A	22-Jul-14 A		$0	$0
NHT0745	200 mm, 150 mm & 100 mm Dia. Waterline Seg. A From Sta.A5+700 to Sta. 7+000	21d	50%	11d	04-Aug-14	24-Aug-14	28-Sep-14 A	12-Nov-14	48d	$0	$0
NHT0755	Waterline Seg. A From Sta.7+000 to Sta.7+425-Segment A	21d	50%	11d			29-Oct-14 A	11-Nov-14	169d	$0	$0
Waterline for Group Three		154d		0d	06-Jan-14	30-Jun-14	02-Feb-14 A	03-Sep-14 A		$0	$0
NHT0700	300 mm Dia. Waterline SEG. D From Sta.D0+515 to Sta.D0+000	21d	100%	0d	06-Jan-14	03-Feb-14	02-Feb-14 A	30-Apr-14 A		$0	$0
NHT0710-new	Concrete support details from Sta.0+000 to Sta.0+510-Segment D	21d	100%	0d	10-Jun-14	30-Jun-14	04-Jun-14 A	03-Sep-14 A		$0	$0
Valves (Mechanical and Civil Chambers)		249d		127d	02-Jul-14	03-Nov-14	03-Jul-14 A	07-Mar-15	52d	$0	$0
NHT0805	Structural & Mechanical Detail For Valve Chambers from Sta. 0+000 to Sta. 1+400 and from Sta.3+320 to Sta. 5+800	21d	100%	0d	02-Jul-14	07-Aug-14	03-Jul-14 A	30-Sep-14 A		$0	$0
NHT0810	300 mm flow monitoring chamber @ sta. A0+720	21d	100%	0d	11-Aug-14	31-Aug-14	20-Jul-14 A	02-Oct-14 A		$0	$0
NHT0815	Flow monitoring chamber @ sta. A5+365	21d	50%	11d	07-Aug-14	27-Aug-14	15-Oct-14 A	12-Nov-14	129d	$0	$0
NHT0840-new	Structural & Mechanical Detail For Flow Chambers Typical Section (G.V, Washout,ARV)	21d	50%	11d			20-Oct-14 A	11-Nov-14	169d	$0	$0



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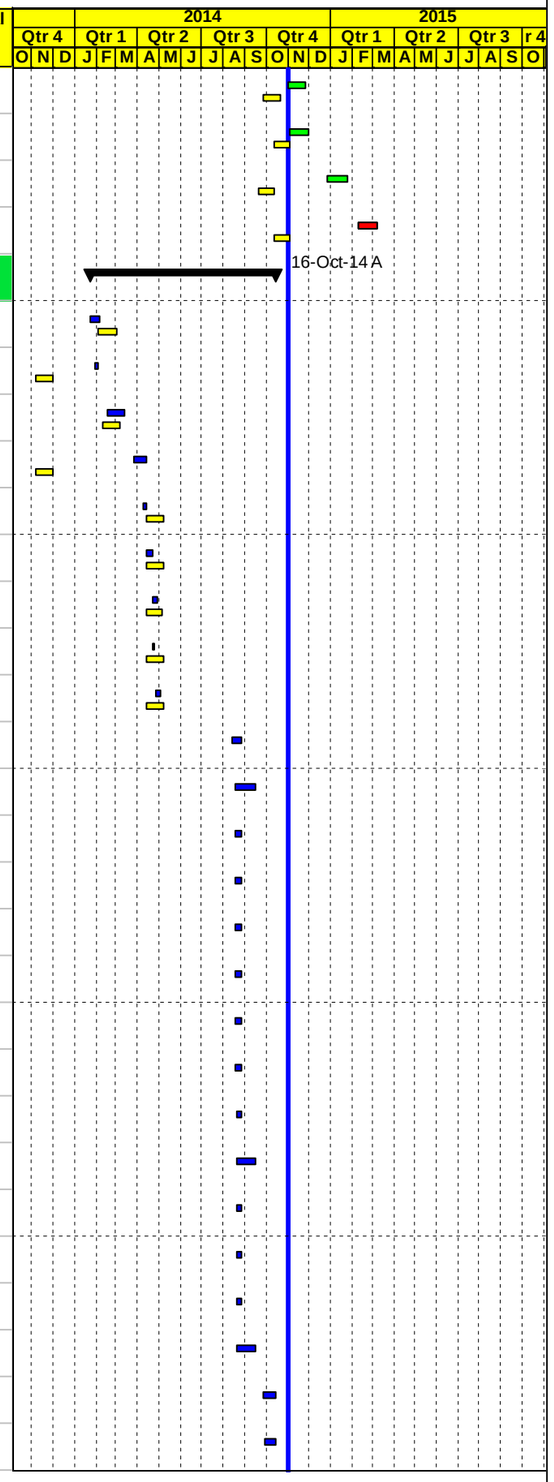
NHT0835	Wadi Fukin connection chamber @sta. B0+957	21d	0%	21d	27-Sep-14	21-Oct-14	01-Nov-14	26-Nov-14	8d	$0	$0
NHT0830	Battir Connection chamber @ Sta.A7+410	21d	0%	21d	13-Oct-14	03-Nov-14	04-Nov-14	01-Dec-14	56d	$0	$0
NHT0820	Nahaleen connection chamber @ st. C0+320	21d	0%	21d	20-Sep-14	13-Oct-14	28-Dec-14	25-Jan-15	14d	$0	$0
NHT0825	Hussan Connection chamber @ Sta.A7+390	21d	0%	21d	13-Oct-14	03-Nov-14	10-Feb-15	07-Mar-15	-15d	$0	$0
Concrete walls		300d		0d	06-Nov-13	08-May-14	23-Jan-14 A	16-Oct-14 A		$0	$0
NHT0870	Retaining wall from Sta. A0+200 to A0+129 RHS (71 LM)	21d	100%	0d	04-Feb-14	01-Mar-14	23-Jan-14 A	06-Feb-14 A		$0	$0
NHT0941-NEW	Formwork System for Retaining Work	21d	100%	0d	06-Nov-13	01-Dec-13	29-Jan-14 A	04-Feb-14 A		$0	$0
NHT0890	Retaining wall from Sta. A0+477 to A0+615 LHS (138 LM)	21d	100%	0d	10-Feb-14	05-Mar-14	16-Feb-14 A	12-Mar-14 A		$0	$0
NHT0891-NEW	Retaining Wall from Sta.0+640 to Sta.0+770 LHS (130 LM)	21d	100%	0d	06-Nov-13	01-Dec-13	26-Mar-14 A	14-Apr-14 A		$0	$0
NHT0942-NEW	Concrete Basement Wall-from Sta. E1+100 to E1+116 RHS (16 LM)	21d	100%	0d	14-Apr-14	08-May-14	08-Apr-14 A	13-Apr-14 A		$0	$0
NHT0943-NEW	Retaining Wall from Sta.0+790 to Sta.0+835 LHS	21d	100%	0d	14-Apr-14	08-May-14	13-Apr-14 A	22-Apr-14 A		$0	$0
NHT0892-NEW	Boundary/Retaining Walls From Sta.B0+436 To B0+467 RHS	21d	100%	0d	14-Apr-14	04-May-14	22-Apr-14 A	29-Apr-14 A		$0	$0
NHT0993-NEW	Retaining Walls From Sta.B0+471-B0+493.6 LHS&From Sta.B0+506.35-B0+522 LHS & From Sta.B0+523 To B0+529	21d	100%	0d	14-Apr-14	08-May-14	22-Apr-14 A	24-Apr-14 A		$0	$0
NHT0994-NEW	One Side Shutter Wall from St.0+480-St.0+574 LHSfrom St.0+614-St.0+790 LHS and from St.0+827-St.0+930 LHS	21d	100%	0d	14-Apr-14	08-May-14	27-Apr-14 A	04-May-14 A		$0	$0
NHT0995-NEW	Retaining Wall from Sta.0+106 to Sta.0+173 RHS	21d	100%	0d			14-Aug-14 A	27-Aug-14 A		$0	$0
NHT0997-NEW	Boundary Wall from Sta. 0+501.85 TO 0+550 LHS& On Side Shuttering Wall from Sta. 0+550 TO 0+595.29 LHS	21d	100%	0d			18-Aug-14 A	17-Sep-14 A		$0	$0
NHT0998-NEW	Boundary Wall from Sta.0+032 to Sta. 0+063 LHS	21d	100%	0d			18-Aug-14 A	28-Aug-14 A		$0	$0
NHT0999-NEW	Retaining Wall from Sta. 0+639 to Sta. 0+670 LHS-Segment E	21d	100%	0d			19-Aug-14 A	28-Aug-14 A		$0	$0
NHT1000-NEW	Boundary Wall from Sta.0+637 to Sta. 0+653 RHS-Segment E	21d	100%	0d			19-Aug-14 A	28-Aug-14 A		$0	$0
NHT1010-NEW	Boundary Wall from Sta.0+718 to Sta. 0+732 LHS-Segment E	21d	100%	0d			19-Aug-14 A	28-Aug-14 A		$0	$0
NHT1020-NEW	Boundary Wall from Sta.0+567 to Sta. 0+590 RHS-Segment E	21d	100%	0d			19-Aug-14 A	28-Aug-14 A		$0	$0
NHT1030-NEW	Retaining Wall from Sta. 0+812.5 to Sta. 0+839 LHS& Boundary Wall from Sta.0+839 to Sta. 0+850 LHS-Segment	21d	100%	0d			19-Aug-14 A	28-Aug-14 A		$0	$0
NHT1040-NEW	Boundary Wall from Sta.1+050 to Sta. 1+120 RHS-Segment E	21d	100%	0d			21-Aug-14 A	28-Aug-14 A		$0	$0
NHT1050-NEW	Retaining Wall from Sta. 0+754 to Sta. 0+774 LHS-Segment E	21d	100%	0d			21-Aug-14 A	16-Sep-14 A		$0	$0
NHT1060-NEW	Boundary Wall from Sta.0+818 to Sta. 0+884.3 RHS-Segment E	21d	100%	0d			21-Aug-14 A	28-Aug-14 A		$0	$0
NHT1070-NEW	Retaining Wall from Sta. 0+045 to Sta. 0+083 RHS-Segment E	21d	100%	0d			21-Aug-14 A	28-Aug-14 A		$0	$0
NHT1080-NEW	Boundary Wall from Sta.0+200 to Sta. 0+246 RHS-Segment E	21d	100%	0d			21-Aug-14 A	28-Aug-14 A		$0	$0
NHT1090-NEW	Boundary Wall from Sta.0+948 to Sta. 0+963 RHS-Segment E	21d	100%	0d			21-Aug-14 A	15-Sep-14 A		$0	$0
NHT1093-NEW	Retaining Wall From Sta.6+505 to Sta.6+560 LHS& Sta.6+574to Sta.6+603 LHS- Segment A	21d	100%	0d			28-Sep-14 A	16-Oct-14 A		$0	$0
NHT1095-NEW	Retaining Wall From Sta.6+761 To Sta.6+795 LHS& From Sta.6+920 To Sta.6+932 LHS-Segment A	21d	100%	0d			29-Sep-14 A	16-Oct-14 A		$0	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
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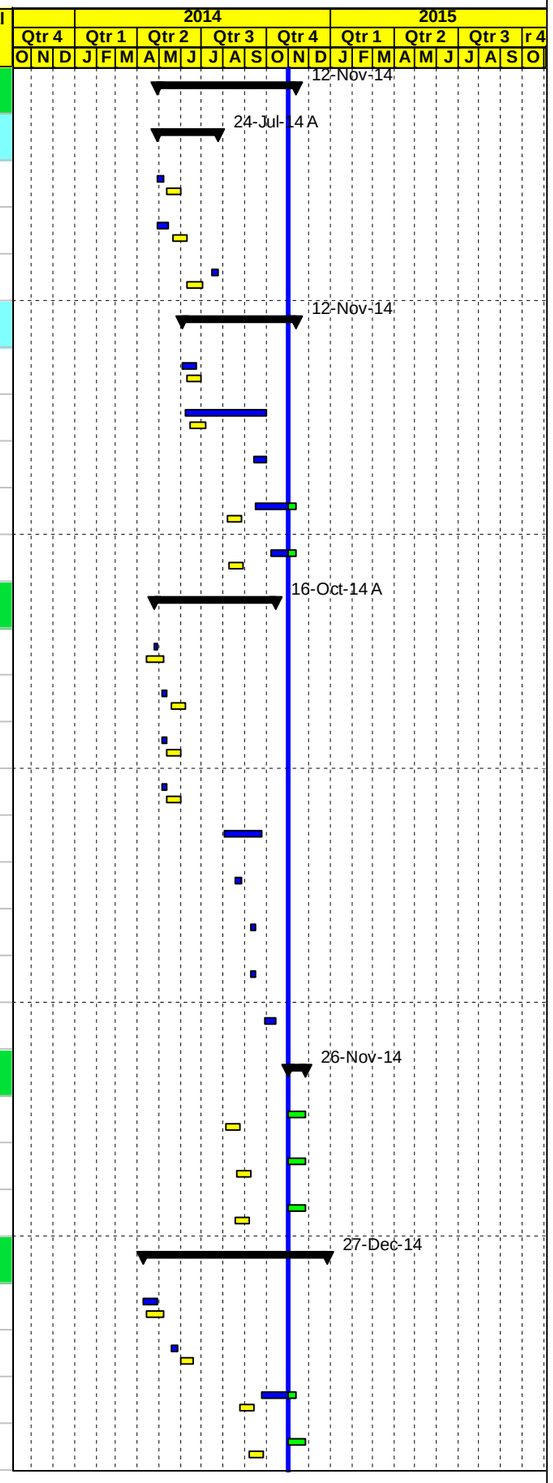
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Pipe and Box Culverts		172d		11d	12-May-14	28-Aug-14	28-Apr-14 A	12-Nov-14	128d	$0	$0
Pipe and Box Culverts for Group One		53d		0d	12-May-14	01-Jul-14	28-Apr-14 A	24-Jul-14 A		$0	$0
NHT0960	box culvert @Sta. A0+590.5 & R.W from Sta.0+570 to Sta.0+595 RHS& R.W from Sta.0+574.1 to Sta.0+614.0 LHS	21d	100%	0d	12-May-14	31-May-14	28-Apr-14 A	08-May-14 A		$0	$0
NHT0970	box culvert @Sta. A0+951.6 & R.W from Sta.0+930 to Sta.0+980 RHS& R.W from Sta.0+930 to Sta.0+980 LHS	21d	100%	0d	21-May-14	09-Jun-14	28-Apr-14 A	14-May-14 A		$0	$0
NHT0980	Tripple Pipe Culvert ST.1+356 & R.W ST.1+260 -1+380 LHS & One side Shutterring Wall ST.1+380-1+400 LHS	21d	100%	0d	10-Jun-14	01-Jul-14	16-Jul-14 A	24-Jul-14 A		$0	$0
Pipe and Box Culverts for Group Two		141d		11d	10-Jun-14	28-Aug-14	04-Jun-14 A	12-Nov-14	128d	$0	$0
NHT1015	Dia.1000 mm of double pipe culvert @ Sta.A5+469	21d	100%	0d	10-Jun-14	30-Jun-14	04-Jun-14 A	23-Jun-14 A		$0	$0
NHT1060	Storm concrete drainage system from sta. from Sta.0+710 to Sta.0+950-Segment B	21d	100%	0d	14-Jun-14	07-Jul-14	08-Jun-14 A	02-Oct-14 A		$0	$0
NHT1080	Pipe Culvert at Sta.3+281.3-Segment A	21d	100%	0d			14-Sep-14 A	02-Oct-14 A		$0	$0
NHT1030	Dia.800 mm of pipe culvert @ Sta.A6+197	21d	50%	11d	07-Aug-14	27-Aug-14	17-Sep-14 A	12-Nov-14	128d	$0	$0
NHT1040	Storm concrete drainage system SEG.A From sta. A5+800 to A6+040	21d	50%	11d	09-Aug-14	28-Aug-14	09-Oct-14 A	12-Nov-14	66d	$0	$0
Stone Walls		178d		0d	14-Apr-14	08-Jun-14	24-Apr-14 A	16-Oct-14 A		$0	$0
NHT1081-NEW	Stone Walls_Segment B	21d	100%	0d	14-Apr-14	08-May-14	24-Apr-14 A	29-Apr-14 A		$0	$0
NHT1070	S.W from Sta.0+980 to Sta.1+078 RHS,from Sta.1+083 to Sta.1+350 RHS & from Sta.0+980 to Sta.1+070 LHS	21d	100%	0d	19-May-14	08-Jun-14	06-May-14 A	12-May-14 A		$0	$0
NHT1082-NEW	Stone Walls from Sta.0+520 to Sta.0+550 RHS and from Sta.0+610 to Sta.0+660 RHS -Segment A	21d	100%	0d	12-May-14	31-May-14	06-May-14 A	12-May-14 A		$0	$0
NHT1083-NEW	Stone Walls from Sta.0+780 to Sta.0+890 RHS-Segment A	21d	100%	0d	12-May-14	31-May-14	06-May-14 A	12-May-14 A		$0	$0
NHT1084-NEW	Stone Walls from Sta.3+500 to Sta.3+540 RHS and from Sta.3+360 to Sta.3+420 RHS	21d	100%	0d			03-Aug-14 A	24-Sep-14 A		$0	$0
NHT1085-NEW	Stone Wall from Sta. 0+130 to Sta. 0+170 LHS-Segment E	21d	100%	0d			19-Aug-14 A	28-Aug-14 A		$0	$0
NHT1086-NEW	Stone Wall from Sta.3+270 to Sta. 3+300 RHS-Segment A	21d	100%	0d			10-Sep-14 A	15-Sep-14 A		$0	$0
NHT1087-NEW	Stone Wall from Sta.1+200 to Sta. 1+250 LHS-Segment A	21d	100%	0d			10-Sep-14 A	15-Sep-14 A		$0	$0
NHT1088-NEW	Stone Wall From Sta.6+706 To Sta.6+730 RHS-Segment A	21d	100%	0d			29-Sep-14 A	16-Oct-14 A		$0	$0
Concrete curbstone and side walk		21d		21d	04-Aug-14	09-Sep-14	01-Nov-14	26-Nov-14	118d	$0	$0
NHT1110	SEG.A From Sta.A5+800 to Sta. 7+460	21d	0%	21d	04-Aug-14	24-Aug-14	01-Nov-14	26-Nov-14	118d	$0	$0
NHT1100	SEG.E From Sta. E0+000 to Sta.E1+276	21d	0%	21d	20-Aug-14	09-Sep-14	01-Nov-14	26-Nov-14	118d	$0	$0
NHT1090	SEG.B From Sta. B0+000 to Sta. B0+985	21d	0%	21d	17-Aug-14	06-Sep-14	01-Nov-14	26-Nov-14	118d	$0	$0
Others		226d		42d	14-Apr-14	21-Oct-14	10-Apr-14 A	27-Dec-14	74d	$0	$0
NHT1150-new	10 inch Pipes Mitered Bends Schedule and fabrication from St. 3+350 to St. 5+700	21d	100%	0d	14-Apr-14	08-May-14	10-Apr-14 A	28-Apr-14 A		$0	$0
NHT1151-new	12" pipeline Mitered Bends Schedule and fabrication for -Segment D	21d	100%	0d	01-Jun-14	19-Jun-14	19-May-14 A	27-May-14 A		$0	$0
NHT1130	CONC.Ditch Plan From Sta.0+120 to Sta.0+480 & From Sta.3+320 to Sta.3+850	21d	50%	11d	24-Aug-14	13-Sep-14	25-Sep-14 A	12-Nov-14	84d	$0	$0
NHT1120	Street Lighting SEG.A from A5+800 TO 7+460 & B0+00 to B0+980	21d	0%	21d	07-Sep-14	27-Sep-14	01-Nov-14	26-Nov-14	74d	$0	$0



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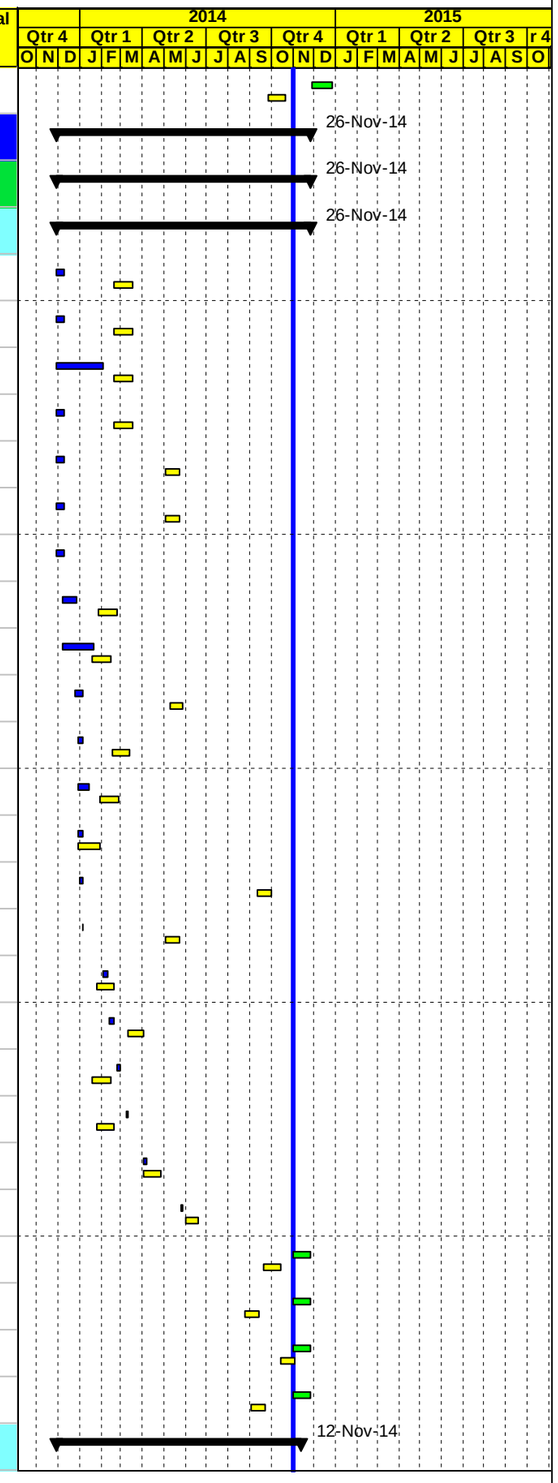
NHT1140	Road furnishing/Guard Rail	21d	0%	21d	27-Sep-14	21-Oct-14	27-Nov-14	27-Dec-14	74d	$0	$0
Material Submittals		327d		21d	06-Nov-13	03-Nov-14	28-Nov-13 A	26-Nov-14	118d	$0	$0
Material Submittals including Manufacturers Qualifications , Shop Test, Produ		327d		21d	06-Nov-13	03-Nov-14	28-Nov-13 A	26-Nov-14	118d	$0	$0
Material Submittals Roads		287d		21d	30-Dec-13	03-Nov-14	28-Nov-13 A	26-Nov-14	118d	$0	$0
NHT1260	Prime Coat	21d	100%	0d	19-Feb-14	16-Mar-14	28-Nov-13 A	09-Dec-13 A		$0	$0
NHT1270	Tack Coat	21d	100%	0d	19-Feb-14	16-Mar-14	28-Nov-13 A	09-Dec-13 A		$0	$0
NHT1280	Bituminous Binder Course-Mix Design	21d	100%	0d	19-Feb-14	16-Mar-14	28-Nov-13 A	04-Feb-14 A		$0	$0
NHT1290	Bituminous Wearing Course-Mix Design	21d	100%	0d	19-Feb-14	16-Mar-14	28-Nov-13 A	09-Dec-13 A		$0	$0
NHT1360	Cat eyes	21d	100%	0d	04-May-14	22-May-14	28-Nov-13 A	09-Dec-13 A		$0	$0
NHT1370	Thermoplastic paint	21d	100%	0d	04-May-14	22-May-14	28-Nov-13 A	09-Dec-13 A		$0	$0
NHT1420-new	Asphalt Mix Design -Wearing Asphalt 3/4 inch	21d	100%	0d			28-Nov-13 A	09-Dec-13 A		$0	$0
NHT1230	Base Course Source	21d	100%	0d	28-Jan-14	22-Feb-14	08-Dec-13 A	28-Dec-13 A		$0	$0
NHT1180	Concrete Mix Design including cement type	21d	100%	0d	19-Jan-14	13-Feb-14	08-Dec-13 A	22-Jan-14 A		$0	$0
NHT1400	Curbstone paint material	21d	100%	0d	10-May-14	28-May-14	25-Dec-13 A	06-Jan-14 A		$0	$0
NHT1250	Curbstone	21d	100%	0d	17-Feb-14	13-Mar-14	30-Dec-13 A	06-Jan-14 A		$0	$0
NHT1240	Concrete Pipes	21d	100%	0d	30-Jan-14	24-Feb-14	30-Dec-13 A	15-Jan-14 A		$0	$0
NHT1380	Guard Rail	21d	100%	0d	30-Dec-13	29-Jan-14	30-Dec-13 A	06-Jan-14 A		$0	$0
NHT1350	Galvanized steel Handrail	21d	100%	0d	11-Sep-14	01-Oct-14	02-Jan-14 A	06-Jan-14 A		$0	$0
NHT1390	Traffic sign	21d	100%	0d	04-May-14	22-May-14	05-Jan-14 A	06-Jan-14 A		$0	$0
NHT1200	Steel Reinforcement	21d	100%	0d	25-Jan-14	18-Feb-14	03-Feb-14 A	11-Feb-14 A		$0	$0
NHT1310	Concrete Repair	21d	100%	0d	10-Mar-14	02-Apr-14	12-Feb-14 A	18-Feb-14 A		$0	$0
NHT1190	Formwork material	21d	100%	0d	19-Jan-14	13-Feb-14	23-Feb-14 A	27-Feb-14 A		$0	$0
NHT1210	Precast Concrete Manholes and catch basin	21d	100%	0d	26-Jan-14	19-Feb-14	09-Mar-14 A	12-Mar-14 A		$0	$0
NHT1411-new	Concrete curing compound material	21d	100%	0d	01-Apr-14	26-Apr-14	01-Apr-14 A	06-Apr-14 A		$0	$0
NHT1412-new	Joint sealant material	21d	100%	0d	01-Jun-14	19-Jun-14	25-May-14 A	28-May-14 A		$0	$0
NHT1330	Street Lighting including poles	21d	0%	21d	21-Sep-14	15-Oct-14	01-Nov-14	26-Nov-14	47d	$0	$0
NHT1340	Interlocking Blocks	21d	0%	21d	24-Aug-14	13-Sep-14	01-Nov-14	26-Nov-14	118d	$0	$0
NHT1410	Lighting control	21d	0%	21d	14-Oct-14	03-Nov-14	01-Nov-14	26-Nov-14	47d	$0	$0
NHT1323	Geocell	21d	0%	21d	02-Sep-14	22-Sep-14	01-Nov-14	26-Nov-14	118d	$0	$0
Material Submittals Pipelines including Hydraulic calculation and wiring dia		300d		11d	06-Nov-13	25-Aug-14	28-Nov-13 A	12-Nov-14	128d	$0	$0



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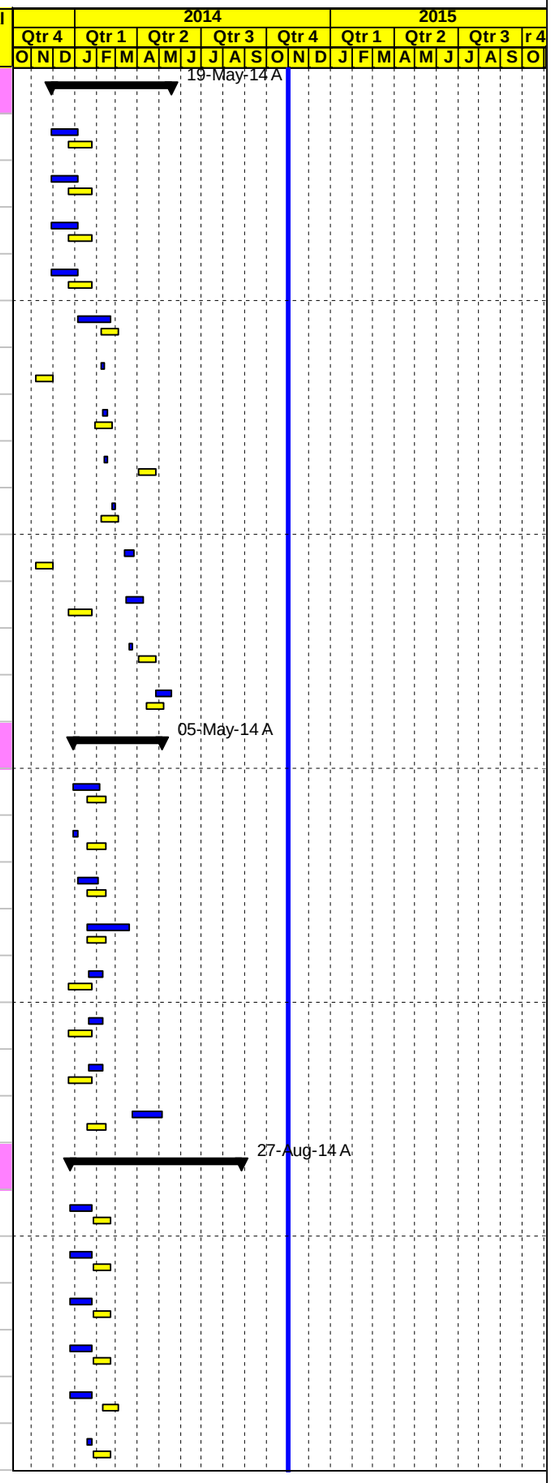
Pipes		143d		0d	06-Nov-13	08-May-14	28-Nov-13 A	19-May-14 A		$0	$0
NHT1420	Steel pipeline 300 mm	21d	100%	0d	24-Dec-13	26-Jan-14	28-Nov-13 A	05-Jan-14 A		$0	$0
NHT1430	Steel pipeline 200 mm	21d	100%	0d	24-Dec-13	26-Jan-14	28-Nov-13 A	05-Jan-14 A		$0	$0
NHT1440	Steel pipeline 150 mm	21d	100%	0d	24-Dec-13	26-Jan-14	28-Nov-13 A	05-Jan-14 A		$0	$0
NHT1450	Steel pipeline 100 mm	21d	100%	0d	24-Dec-13	26-Jan-14	28-Nov-13 A	05-Jan-14 A		$0	$0
NHT1500	Shrinkable sheet	21d	100%	0d	08-Feb-14	03-Mar-14	05-Jan-14 A	22-Feb-14 A		$0	$0
NHT1512-NEW	Mill Certificate and testing reports for 8 inch steel pipe	21d	100%	0d	06-Nov-13	01-Dec-13	09-Feb-14 A	13-Feb-14 A		$0	$0
NHT1480	Bedding material	21d	100%	0d	29-Jan-14	23-Feb-14	11-Feb-14 A	16-Feb-14 A		$0	$0
NHT1490	Backfilling material (Single size)	21d	100%	0d	01-Apr-14	26-Apr-14	12-Feb-14 A	16-Feb-14 A		$0	$0
NHT1510	Warning tape	21d	100%	0d	08-Feb-14	03-Mar-14	23-Feb-14 A	27-Feb-14 A		$0	$0
NHT1511-NEW	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers	21d	100%	0d	06-Nov-13	01-Dec-13	13-Mar-14 A	27-Mar-14 A		$0	$0
NHT1460	Steel pipeline 75 mm	21d	100%	0d	24-Dec-13	26-Jan-14	16-Mar-14 A	08-Apr-14 A		$0	$0
NHT1470	Galvanized Steel pipeline 0.5", 0.75",1",1.5",2"	21d	100%	0d	01-Apr-14	26-Apr-14	19-Mar-14 A	24-Mar-14 A		$0	$0
NHT1471-NEW	Pipe Expansion Joint	21d	100%	0d	14-Apr-14	08-May-14	27-Apr-14 A	19-May-14 A		$0	$0
Fittings		36d		0d	24-Dec-13	13-Feb-14	29-Dec-13 A	05-May-14 A		$0	$0
NHT1590	Dismantling Joint	21d	100%	0d	19-Jan-14	13-Feb-14	29-Dec-13 A	05-Feb-14 A		$0	$0
NHT1580	Mechanical coupling	21d	100%	0d	19-Jan-14	13-Feb-14	29-Dec-13 A	05-Jan-14 A		$0	$0
NHT1550	Flanges	21d	100%	0d	19-Jan-14	13-Feb-14	05-Jan-14 A	04-Feb-14 A		$0	$0
NHT1560	Gaskets	21d	100%	0d	19-Jan-14	13-Feb-14	20-Jan-14 A	20-Mar-14 A		$0	$0
NHT1520	Steel Elbows	21d	100%	0d	24-Dec-13	26-Jan-14	21-Jan-14 A	10-Feb-14 A		$0	$0
NHT1530	Steel Tees	21d	100%	0d	24-Dec-13	26-Jan-14	21-Jan-14 A	10-Feb-14 A		$0	$0
NHT1540	Steel reducers	21d	100%	0d	24-Dec-13	26-Jan-14	21-Jan-14 A	10-Feb-14 A		$0	$0
NHT1570	Bolts ,washers & nuts	21d	100%	0d	19-Jan-14	13-Feb-14	24-Mar-14 A	05-May-14 A		$0	$0
Gate Valves		209d		0d	27-Jan-14	04-Mar-14	25-Dec-13 A	27-Aug-14 A		$0	$0
NHT1600	Gate valves16 , 200mm	21d	100%	0d	27-Jan-14	20-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1610	Gate valves PN16,150	21d	100%	0d	27-Jan-14	20-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1620	Gate valves 100.	21d	100%	0d	27-Jan-14	20-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1630	Gate valves 75.	21d	100%	0d	27-Jan-14	20-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1650	Manual Actuator for gate valves	21d	100%	0d	09-Feb-14	04-Mar-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1640	Gate valves 50	21d	100%	0d	27-Jan-14	20-Feb-14	20-Jan-14 A	26-Jan-14 A		$0	$0



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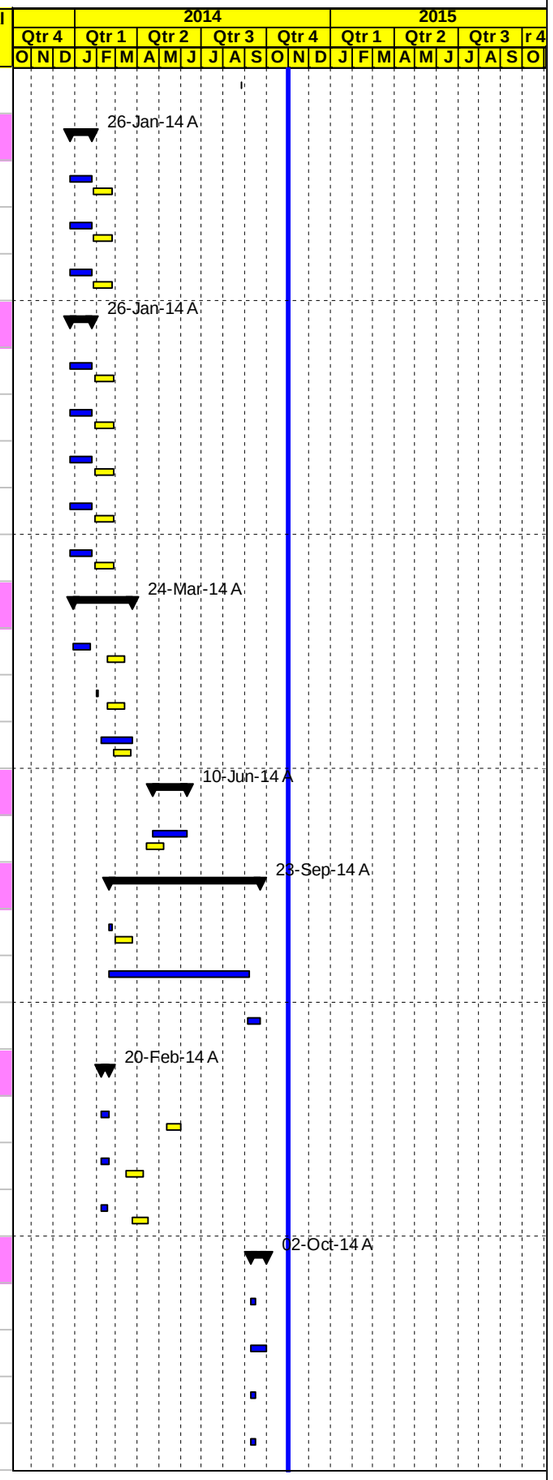
NHT1780-NEW	Ball Valve-Tyco F120 for Pressure Gauge	21d	100%	0d			26-Aug-14 A	27-Aug-14 A		$0	$0
Butterfly valves		21d		0d	28-Jan-14	22-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1660	Butterfly valves PN40,300 mm	21d	100%	0d	28-Jan-14	22-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1670	Butterfly valves PN40,250 mm	21d	100%	0d	28-Jan-14	22-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1680	Butterfly valves PN25,250 mm	21d	100%	0d	28-Jan-14	22-Feb-14	26-Dec-13 A	26-Jan-14 A		$0	$0
Washout valve		21d		0d	30-Jan-14	24-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1690	Washout gate valve PN40DN250	21d	100%	0d	30-Jan-14	24-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1700	Washout gate valve PN40DN200	21d	100%	0d	30-Jan-14	24-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1710	Washout gate valve PN25DN150	21d	100%	0d	30-Jan-14	24-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1720	PN 16 bar, DN 75 mm washout Gate Valve on DN 150 mm and on DN 100 mm pipelines	21d	100%	0d	30-Jan-14	24-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
NHT1730	PN 16 bar, DN 50 mm washout gate valve on DN 75 and DN 50 mm pipelines	21d	100%	0d	30-Jan-14	24-Feb-14	25-Dec-13 A	26-Jan-14 A		$0	$0
Air relief valves and Pressure reducing valve		29d		0d	16-Feb-14	22-Mar-14	29-Dec-13 A	24-Mar-14 A		$0	$0
NHT1740	Combination Air relief valves ,PN40,DN100-/PN25,DN80-/PN25,DN50	21d	100%	0d	16-Feb-14	12-Mar-14	29-Dec-13 A	23-Jan-14 A		$0	$0
NHT1750	Air relief valves	21d	100%	0d	16-Feb-14	12-Mar-14	02-Feb-14 A	04-Feb-14 A		$0	$0
NHT1760	Pressure reducing valves PN40 DN150	21d	100%	0d	25-Feb-14	22-Mar-14	09-Feb-14 A	24-Mar-14 A		$0	$0
Water meters		21d		0d	14-Apr-14	08-May-14	22-Apr-14 A	10-Jun-14 A		$0	$0
NHT1770	Electro-Magnetic water meter	21d	100%	0d	14-Apr-14	08-May-14	22-Apr-14 A	10-Jun-14 A		$0	$0
Manholes and chambers		183d		0d	27-Feb-14	24-Mar-14	18-Feb-14 A	23-Sep-14 A		$0	$0
NHT1820	Manhole Cover and Frame.	21d	100%	0d	27-Feb-14	24-Mar-14	18-Feb-14 A	24-Feb-14 A		$0	$0
NHT1825-new	Precast Water Manhole	21d	100%	0d			20-Feb-14 A	07-Sep-14 A		$0	$0
NHT1830-new	Pre-cast hand hole manhole for 2" gate valve	21d	100%	0d			04-Sep-14 A	23-Sep-14 A		$0	$0
Control Valves		70d		0d	16-Mar-14	31-May-14	09-Feb-14 A	20-Feb-14 A		$0	$0
NHT1880	Remote Control Monitoring Flow water meterPN40,DN300	21d	100%	0d	12-May-14	31-May-14	09-Feb-14 A	20-Feb-14 A		$0	$0
NHT1890	Remote Control Monitoring Flow water meterPN40,DN250	21d	100%	0d	16-Mar-14	08-Apr-14	09-Feb-14 A	20-Feb-14 A		$0	$0
NHT1870	Flow control valves	21d	100%	0d	23-Mar-14	15-Apr-14	09-Feb-14 A	17-Feb-14 A		$0	$0
House Connection		21d		0d			09-Sep-14 A	02-Oct-14 A		$0	$0
NHT1910-New	House Connection Check Valve	21d	100%	0d			09-Sep-14 A	16-Sep-14 A		$0	$0
NHT1782-new	House Connection- Pressure Reducing Valve	21d	100%	0d			10-Sep-14 A	02-Oct-14 A		$0	$0
NHT1990-new	House Connection Strainer	21d	100%	0d			10-Sep-14 A	16-Sep-14 A		$0	$0
NHT1995-new	House Connection Ball Valve	21d	100%	0d			10-Sep-14 A	16-Sep-14 A		$0	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

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APCO/ArCon CONSTRUCTION AND SERVICES

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TO15

Nahaleen Main Pipeline Project

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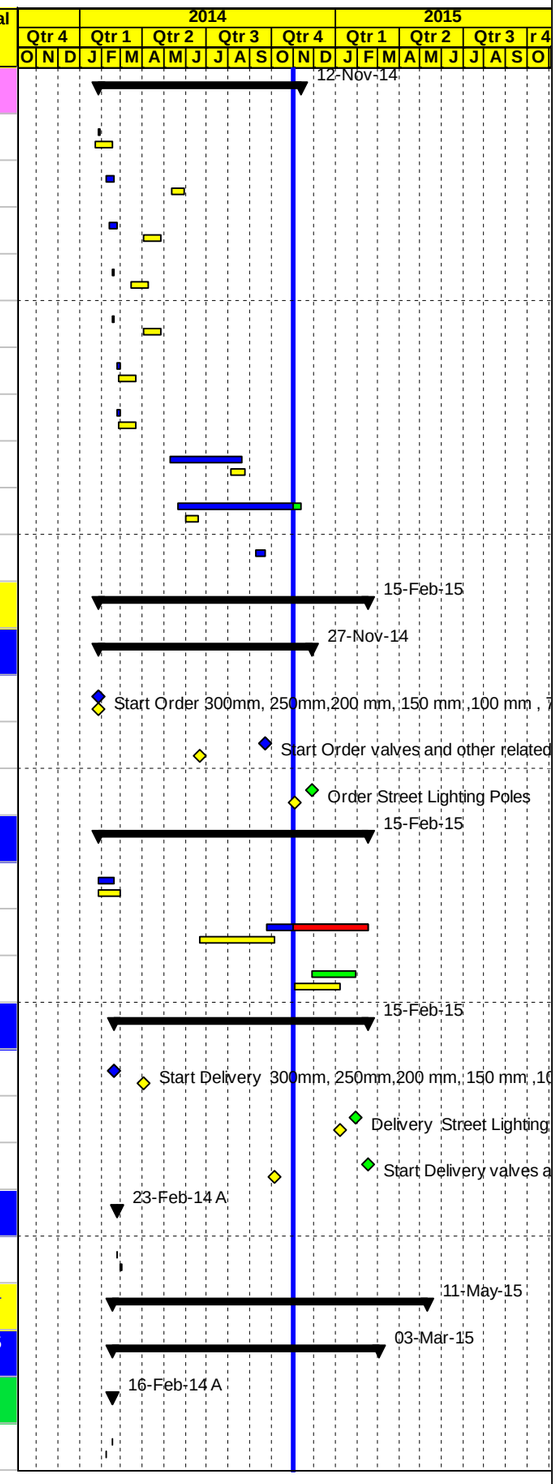
Others		245d		11d	22-Jan-14	25-Aug-14	27-Jan-14 A	12-Nov-14	128d	$0	$0
NHT1900	Strainers.	21d	100%	0d	22-Jan-14	17-Feb-14	27-Jan-14 A	29-Jan-14 A		$0	$0
NHT1980	Earthing grounding system	21d	100%	0d	11-May-14	29-May-14	09-Feb-14 A	20-Feb-14 A		$0	$0
NHT1991-NEW	Repairing and application of interior steel pipes cement lining	21d	100%	0d	01-Apr-14	26-Apr-14	12-Feb-14 A	24-Feb-14 A		$0	$0
NHT1992-NEW	Bitumen protective coating for underground concrete	21d	100%	0d	16-Mar-14	08-Apr-14	16-Feb-14 A	18-Feb-14 A		$0	$0
NHT1993-NEW	Form release agent	21d	100%	0d	01-Apr-14	26-Apr-14	16-Feb-14 A	18-Feb-14 A		$0	$0
NHT1920	Spacers	21d	100%	0d	25-Feb-14	22-Mar-14	23-Feb-14 A	27-Feb-14 A		$0	$0
NHT1930	Tie rods	21d	100%	0d	25-Feb-14	22-Mar-14	23-Feb-14 A	27-Feb-14 A		$0	$0
NHT1950	Pressure gauge with needle valve	21d	100%	0d	05-Aug-14	25-Aug-14	11-May-14 A	21-Aug-14 A		$0	$0
NHT2000-NEW	Paint as second coat to be sparyed over factory EPOXY coating to protect pipe against UV Rays- -Segment D	21d	50%	11d	01-Jun-14	19-Jun-14	21-May-14 A	12-Nov-14	128d	$0	$0
NHT2030-NEW	Concrete repairing material up to 3mm thickness and method statement	21d	100%	0d			10-Sep-14 A	23-Sep-14 A		$0	$0
Procurements		385d		106d	27-Jan-14	07-Jan-15	27-Jan-14 A	15-Feb-15	44d	$0	$0
Order		269d		0d	27-Jan-14	03-Nov-14	27-Jan-14 A	27-Nov-14	47d	$0	$0
NHT2000	Start Order 300mm, 250mm,200 mm, 150 mm ,100 mm , 75 mm& 50mm pipes and fittings	0d	100%	0d	27-Jan-14		27-Jan-14 A			$0	$0
NHT2010	Start Order valves and other related materials	0d	100%	0d	21-Jun-14		23-Sep-14 A			$0	$0
NHT2020	Order Street Lighting Poles	0d	0%	0d	03-Nov-14		27-Nov-14		47d	$0	$0
Manufacturing		293d		85d	27-Jan-14	07-Jan-15	27-Jan-14 A	15-Feb-15	38d	$0	$0
NHT2030	300mm, 250mm,200 mm, 150 mm ,100 mm , 75 mm& 50mm pipes and fittings	28d	100%	0d	27-Jan-14	27-Feb-14	27-Jan-14 A	18-Feb-14 A		$0	$0
NHT2040	Valves and other related materials	89d	5%	85d	22-Jun-14	05-Oct-14	24-Sep-14 A	15-Feb-15	-7d	$0	$0
NHT2050	Street Lighting Poles	50d	0%	50d	04-Nov-14	07-Jan-15	27-Nov-14	30-Jan-15	51d	$0	$0
Delivery		252d		13d	01-Apr-14	07-Jan-15	19-Feb-14 A	15-Feb-15	38d	$0	$0
NHT2060	Start Delivery 300mm, 250mm,200 mm, 150 mm ,100 mm , 75 mm& 50mm pipes and fittings	0d	100%	0d	01-Apr-14		19-Feb-14 A			$0	$0
NHT2080	Delivery Street Lighting Poles	0d	0%	0d		07-Jan-15		30-Jan-15	51d	$0	$0
NHT2070	Start Delivery valves and other related materials	0d	0%	0d	06-Oct-14		15-Feb-15		-7d	$0	$0
Testing		2d		0d	28-Feb-14	02-Mar-14	23-Feb-14 A	23-Feb-14 A		$0	$0
NHT2090	300mm, 250mm,200 mm, 150 mm ,100 mm , 75 mm& 50mm pipes and fittings	2d	100%	0d	28-Feb-14	02-Mar-14	23-Feb-14 A	23-Feb-14 A		$0	$0
Construction Work		458d		192d	08-Feb-14	26-Apr-15	16-Feb-14 A	11-May-15	-13d	$11,061,726	$3,574,374
Group One from Sta.A0+000 to Sta.A3+320 Seg. C , E,Hussan & Battir Distribution		389d		123d	08-Feb-14	02-Feb-15	16-Feb-14 A	03-Mar-15	56d	$3,616,897	$2,070,375
Implementation traffic control and safety plan		1d		0d	08-Feb-14	08-Feb-14	16-Feb-14 A	16-Feb-14 A		$0	$0
NHT2505	Start Implementation traffic control and safety plan	1d	100%	0d	08-Feb-14	08-Feb-14	16-Feb-14 A	16-Feb-14 A		$0	$0



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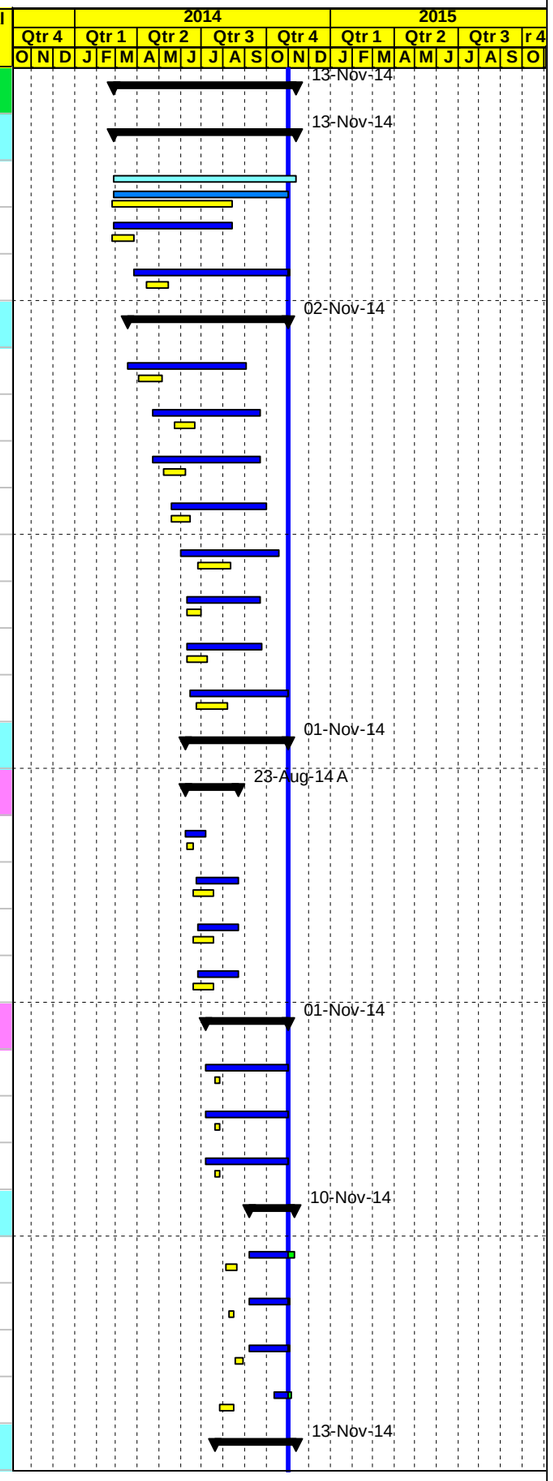
SEG.A From Sta.A0+000 to Sta.A1+440		263d		13d	24-Feb-14	31-Aug-14	26-Feb-14 A	13-Nov-14	167d	$1,572,882	$1,438,976
Safety and Excavation		145d		12d	24-Feb-14	12-Aug-14	26-Feb-14 A	13-Nov-14	128d	$180,753	$171,177
NHT2510	Maintain traffic control and safety plan ,coordination for relocation utilities and others	145d	92.07%	12d	24-Feb-14	12-Aug-14	26-Feb-14 A	13-Nov-14	77d	$0	$0
NHT2520	Excavation (Cut/ Fill) From Sta. A0+100 To A0+720	27d	100%	0d	24-Feb-14	27-Mar-14	26-Feb-14 A	14-Aug-14 A		$85,000	$85,000
NHT2540	Excavation (Cut/ Fill) From Sta. A0+720 To A1+440	27d	90%	3d	13-Apr-14	14-May-14	26-Mar-14 A	03-Nov-14	136d	$95,753	$86,177
Retaining wall and Box Culvert		117d		2d	01-Apr-14	10-Aug-14	17-Mar-14 A	02-Nov-14	138d	$434,568	$431,717
NHT2560	Construct R.Concrete Retaining wall from Sta. A0+129to A0+200 RHS	30d	100%	0d	01-Apr-14	06-May-14	17-Mar-14 A	02-Sep-14 A		$85,630	$85,630
NHT2580	Construct R.Concrete Backing wall (One Side Shutter Wall) from Sta. A0+479 to A0+574 LHS	32d	100%	0d	22-May-14	21-Jun-14	22-Apr-14 A	23-Sep-14 A		$44,325	$44,325
NHT2590	Construct R.Concrete Backing wall (One Side Shutter Wall) from Sta. A0+614 to A0+790 LHS	32d	100%	0d	08-May-14	07-Jun-14	22-Apr-14 A	23-Sep-14 A		$60,925	$60,925
NHT2650	Construct box culvert @Sta. A0+590.5 & R.W from Sta.0+570 to Sta.0+595 RHS& R.W from Sta.0+574.1 to	30d	100%	0d	18-May-14	15-Jun-14	19-May-14 A	01-Oct-14 A		$50,935	$50,935
NHT2660	Construct box culvert @Sta. A0+951.6 & R.W from Sta.0+930 to Sta.0+980 RHS& R.W from Sta.0+930 to	30d	100%	0d	24-Jun-14	10-Aug-14	02-Jun-14 A	19-Oct-14 A		$79,295	$79,295
NHT2770	Construct gravity Wall 0+790 to 0+827 LHS	20d	100%	0d	10-Jun-14	29-Jun-14	10-Jun-14 A	23-Sep-14 A		$27,040	$27,040
NHT2900	Construct R.Concrete Backing wall (One Side Shutter Wall) from Sta. A0+827 to A0+930LHS	30d	100%	0d	10-Jun-14	09-Jul-14	10-Jun-14 A	24-Sep-14 A		$24,498	$24,498
NHT2670	Construct Pipe culvert @Sta. A1+356 and Retaining Wall from Sta.1+260 to Sta.1+400 LHS	30d	95%	2d	22-Jun-14	07-Aug-14	15-Jun-14 A	02-Nov-14	138d	$61,920	$59,069
Pipe Installation		45d		0d	10-Jun-14	26-Jul-14	07-Jun-14 A	01-Nov-14	139d	$251,452	$260,078
300 mm main pipeline		39d		0d	10-Jun-14	17-Jul-14	07-Jun-14 A	23-Aug-14 A		$162,513	$180,033
NHT2770-new	Digging	10d	100%	0d	10-Jun-14	19-Jun-14	07-Jun-14 A	06-Jul-14 A		$0	$0
NHT2690	Trench excavation for 300mm main pipeline from Sta. A0+100 to sta. A1+080 length approx. (980 LM)	21d	100%	0d	18-Jun-14	17-Jul-14	24-Jun-14 A	23-Aug-14 A		$6,000	$23,520
NHT2700	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (980 LM)	21d	100%	0d	18-Jun-14	17-Jul-14	25-Jun-14 A	23-Aug-14 A		$138,243	$138,243
NHT2710	Backfill the pipe trench with (single size aggregate) to the required level (980 LM)	21d	100%	0d	18-Jun-14	17-Jul-14	25-Jun-14 A	23-Aug-14 A		$18,270	$18,270
300 mm main pipeline with 75 mm dist. Pipe		5d		0d	19-Jul-14	26-Jul-14	06-Jul-14 A	01-Nov-14	139d	$88,939	$80,045
NHT2680	Trench excavation for 300mm main pipeline with 75 mm dist. Pipe from sta. A1+080 TO A1+440 length approx. (360	4d	90%	0d	19-Jul-14	26-Jul-14	06-Jul-14 A	01-Nov-14	139d	$9,000	$8,100
NHT2682	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (360 LM)	4d	90%	0d	19-Jul-14	26-Jul-14	07-Jul-14 A	01-Nov-14	139d	$72,739	$65,465
NHT2685	Backfill the pipe trench with (single size aggregate) to the required level (360 LM)	4d	90%	0d	19-Jul-14	26-Jul-14	07-Jul-14 A	01-Nov-14	139d	$7,200	$6,480
Chamber work		29d		9d	26-Jul-14	28-Aug-14	07-Sep-14 A	10-Nov-14	81d	$291,720	$195,924
NHT2730	Construct - AR/AV Valve chamber @ Sta. A0+719, A1+108 and A1+213	17d	50%	9d	03-Aug-14	19-Aug-14	07-Sep-14 A	10-Nov-14	77d	$41,400	$20,700
NHT2740	Construct - Butterfly Valve chamber @ Sta.A1+084	8d	70%	2d	09-Aug-14	16-Aug-14	07-Sep-14 A	03-Nov-14	84d	$32,820	$22,974
NHT2750	Construct -300 mm flow monitoring chamber @ Sta.A0+720	12d	70%	4d	18-Aug-14	28-Aug-14	07-Sep-14 A	04-Nov-14	86d	$150,000	$105,000
NHT2720	Construct - Wash out Valve chamber @ Sta. A0+624 .A0+911& &A1+340	17d	70%	5d	26-Jul-14	16-Aug-14	13-Oct-14 A	06-Nov-14	81d	$67,500	$47,250
Testing		41d		3d	19-Jul-14	25-Aug-14	20-Jul-14 A	13-Nov-14	106d	$0	$0



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Level of effort Baseline
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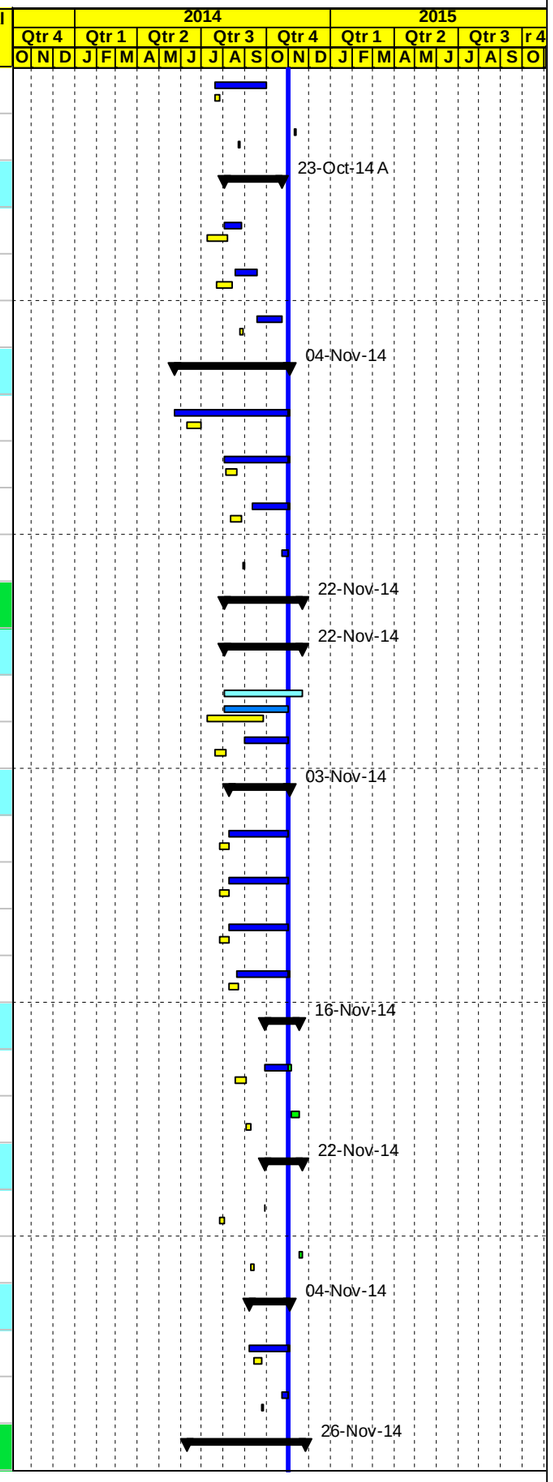
NHT2755	Radiographic Testing (RT)	1d	100%	0d	19-Jul-14	26-Jul-14	20-Jul-14 A	01-Oct-14 A		$0	$0
NHT2760	Pressure Testing	3d	0%	3d	23-Aug-14	25-Aug-14	10-Nov-14	13-Nov-14	77d	$0	$0
Base course and Asphalt From Sta. A0+000 To A0+720		74d		0d	09-Jul-14	28-Aug-14	02-Aug-14 A	23-Oct-14 A		$187,500	$187,500
NHT2780	20 cm thick for first base course layer	17d	100%	0d	09-Jul-14	07-Aug-14	02-Aug-14 A	28-Aug-14 A		$34,000	$34,000
NHT2790	20 cm thick for second base course layer	17d	100%	0d	23-Jul-14	14-Aug-14	19-Aug-14 A	18-Sep-14 A		$35,000	$35,000
NHT2800	7cm Asphalt wearing course including prime coat	3d	100%	0d	25-Aug-14	28-Aug-14	18-Sep-14 A	23-Oct-14 A		$118,500	$118,500
Base course ,Stone Wall and Asphalt From Sta. A0+720 To A1+440		110d		4d	10-Jun-14	31-Aug-14	24-May-14 A	04-Nov-14	135d	$226,890	$192,580
NHT2804	Construct stone walls from sta.A0+500 to A1+340	20d	80%	4d	10-Jun-14	29-Jun-14	24-May-14 A	04-Nov-14	135d	$32,300	$31,280
NHT2802	20 cm thick for first base course layer	17d	80%	3d	05-Aug-14	20-Aug-14	02-Aug-14 A	04-Nov-14	136d	$39,725	$34,000
NHT2805	20 cm thick for second base course layer	17d	80%	3d	10-Aug-14	26-Aug-14	11-Sep-14 A	04-Nov-14	136d	$36,365	$32,500
NHT2809	7cm Asphalt wearing course including prime coat	3d	80%	1d	28-Aug-14	31-Aug-14	23-Oct-14 A	01-Nov-14	138d	$118,500	$94,800
SEG.A From Sta.A1+440- A2+260		95d		22d	09-Jul-14	27-Sep-14	02-Aug-14 A	22-Nov-14	157d	$449,954	$321,143
Safety and Excavation		58d		17d	09-Jul-14	27-Sep-14	02-Aug-14 A	22-Nov-14	76d	$17,000	$13,600
NHT2810	Maintain traffic control and safety plan with coordination	58d	70.94%	17d	09-Jul-14	27-Sep-14	02-Aug-14 A	22-Nov-14	76d	$0	$0
NHT2820	Excavation for reconstruction road including subgrade and backfilling if required	8d	80%	2d	19-Jul-14	03-Aug-14	31-Aug-14 A	02-Nov-14	58d	$17,000	$13,600
Pipe Installation 75 mm dist. pipe		24d		3d	26-Jul-14	21-Aug-14	09-Aug-14 A	03-Nov-14	136d	$273,824	$219,059
NHT2830	Trench excavation for 75 mm dist. Pipe from A1+440 to sta. A2+260 length approx. (820 LM)	10d	80%	2d	26-Jul-14	09-Aug-14	09-Aug-14 A	02-Nov-14	137d	$19,000	$15,200
NHT2840	Bedding (crushed stone) and install distribution Steel pipes with welding inspection(820 LM)	10d	80%	2d	26-Jul-14	09-Aug-14	09-Aug-14 A	02-Nov-14	60d	$221,624	$177,299
NHT2850	Backfill the pipe trench with (single size aggregate) to the required level (820 LM)	10d	80%	2d	26-Jul-14	09-Aug-14	09-Aug-14 A	02-Nov-14	72d	$15,200	$12,160
NHT2854	House connection	14d	80%	3d	09-Aug-14	21-Aug-14	20-Aug-14 A	03-Nov-14	76d	$18,000	$14,400
Chamber work		24d		13d	18-Aug-14	09-Sep-14	29-Sep-14 A	16-Nov-14	76d	$63,900	$28,980
NHT2860	Construct - AR/AV Valve chamber @ A1+457, Sta. A1+727 &,A1+820,.	16d	70%	5d	18-Aug-14	01-Sep-14	29-Sep-14 A	05-Nov-14	76d	$41,400	$28,980
NHT2870	Construct - Wash out Valve chamber @ Sta.A1+503 & Sta.A2+222,	8d	0%	8d	02-Sep-14	09-Sep-14	05-Nov-14	16-Nov-14	76d	$22,500	$0
Testing		50d		6d	26-Jul-14	13-Sep-14	29-Sep-14 A	22-Nov-14	101d	$0	$0
NHT2873	Radiographic Testing (RT)	1d	100%	0d	26-Jul-14	02-Aug-14	29-Sep-14 A	29-Sep-14 A		$0	$0
NHT2880	Pressure Testing	4d	0%	4d	09-Sep-14	13-Sep-14	16-Nov-14	22-Nov-14	76d	$0	$0
Base course and Asphalt		16d		4d	13-Sep-14	27-Sep-14	08-Sep-14 A	04-Nov-14	135d	$95,230	$59,504
NHT2890	20 cm thick for base course layer	12d	70%	4d	13-Sep-14	24-Sep-14	08-Sep-14 A	04-Nov-14	135d	$19,390	$14,000
NHT2930	5cm asphalt wearing course including prime coat	3d	60%	1d	24-Sep-14	27-Sep-14	24-Oct-14 A	02-Nov-14	104d	$75,840	$45,504
SEG.A From Sta A2+260.to Sta. A3+320		149d		21d	10-Jun-14	22-Oct-14	10-Jun-14 A	26-Nov-14	84d	$203,922	$190,717



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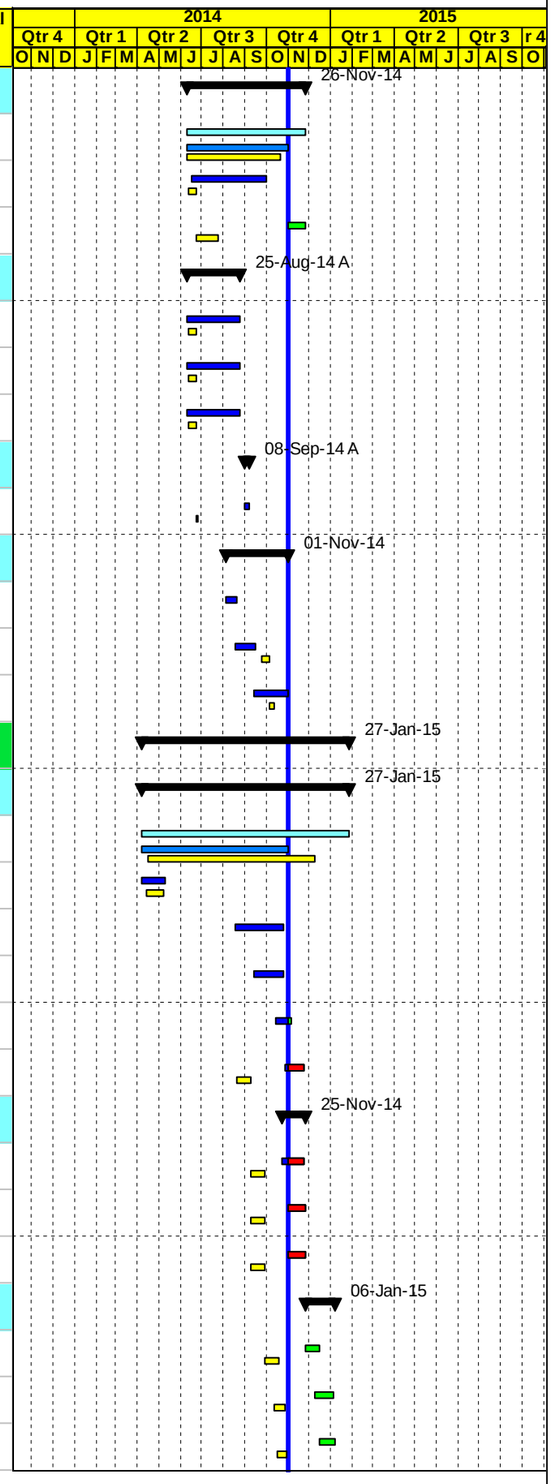
Safety, Excavation		149d		21d	10-Jun-14	22-Oct-14	10-Jun-14 A	26-Nov-14	84d	$22,250	$12,750
NHT2940	Maintain traffic control and safety plan with coordination	118d	82.24%	21d	10-Jun-14	22-Oct-14	10-Jun-14 A	26-Nov-14	84d	$0	$0
NHT2950	Excavation for reconstruction road including subgrade and backfilling if required	14d	100%	0d	11-Jun-14	24-Jun-14	18-Jun-14 A	02-Oct-14 A		$12,750	$12,750
NHT3600	Pipe Culvert at Sta.3+281.3-Segment A	21d	0%	21d	22-Jun-14	24-Jul-14	01-Nov-14	26-Nov-14	84d	$9,500	$0
Pipe Installation 50 mm dist. Pipe		12d		0d	11-Jun-14	22-Jun-14	11-Jun-14 A	25-Aug-14 A		$53,342	$62,792
NHT2985	Trench excavation for 50 mm dist. Pipe from A2+260 to sta. A3+310 length approx. (1050 LM)	12d	100%	0d	11-Jun-14	22-Jun-14	11-Jun-14 A	25-Aug-14 A		$7,700	$11,550
NHT2987	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection 1050 LM)	12d	100%	0d	11-Jun-14	22-Jun-14	11-Jun-14 A	25-Aug-14 A		$40,042	$42,842
NHT2999	Backfill the pipe trench with (single size aggregate) to the required level (1050 LM)	12d	100%	0d	11-Jun-14	22-Jun-14	11-Jun-14 A	25-Aug-14 A		$5,600	$8,400
Testing		4d		0d	23-Jun-14	26-Jun-14	01-Sep-14 A	08-Sep-14 A		$0	$0
NHT3040	Pressure Testing	4d	100%	0d	23-Jun-14	26-Jun-14	01-Sep-14 A	08-Sep-14 A		$0	$0
Base course and Asphalt		85d		0d	24-Sep-14	12-Oct-14	05-Aug-14 A	01-Nov-14	105d	$128,330	$115,175
NHT3240	Topping from sta. 2+440 to sta. 3+100	12d	100%	0d			05-Aug-14 A	20-Aug-14 A		$12,055	$12,055
NHT3050	20 cm thick for base course layer	12d	100%	0d	24-Sep-14	05-Oct-14	19-Aug-14 A	16-Sep-14 A		$29,475	$25,000
NHT3055	5 cm asphalt wearing course including prime coat	2d	90%	0d	05-Oct-14	12-Oct-14	13-Sep-14 A	01-Nov-14	105d	$86,800	$78,120
SEG.E From Sta. E0+000 to Sta.E1+276		288d		87d	14-Apr-14	02-Feb-15	05-Apr-14 A	27-Jan-15	54d	$821,733	$119,539
Safety, Excavation		240d		87d	14-Apr-14	09-Dec-14	05-Apr-14 A	27-Jan-15	54d	$126,009	$118,483
NHT3180	Maintain traffic control and safety plan ,coordination for relocation utilities and others	214d	70%	64d	15-Apr-14	09-Dec-14	05-Apr-14 A	27-Jan-15	43d	$0	$0
NHT3255-new	Construct R.Concrete Retaining wall from Sta. E1+100 to E1+116 RHS (16 LM)	21d	100%	0d	14-Apr-14	08-May-14	06-Apr-14 A	11-May-14 A		$21,540	$20,890
NHT3256-new	Construct R.Concrete Retaining wall from Sta. E0+106 to E0+173 RHS (67 LM)	27d	100%	0d			18-Aug-14 A	26-Oct-14 A		$40,610	$40,610
NHT3258-new	Boundary Wall E0+045 to E0+084 RHS	21d	100%	0d			13-Sep-14 A	26-Oct-14 A		$20,605	$20,605
NHT3259-new	One Side Shuter Wall and Boundary Wall E0+500 to E0+600 LHS	21d	80%	4d			15-Oct-14 A	05-Nov-14	60d	$40,160	$32,128
NHT3190	Excavation for reconstruction road including subgrade and backfilling if required	21d	10%	19d	20-Aug-14	09-Sep-14	29-Oct-14 A	24-Nov-14	0d	$3,094	$4,250
Pipe Installation		34d		20d	09-Sep-14	28-Sep-14	23-Oct-14 A	25-Nov-14	-1d	$161,920	$1,056
NHT3140	Trench excavation for 300 mm main pipeline (1276 lm)	20d	5%	19d	09-Sep-14	28-Sep-14	23-Oct-14 A	24-Nov-14	-1d	$21,120	$1,056
NHT3150	Bedding (crushed stone) and install Steel pipes with welding inspection	20d	0%	20d	09-Sep-14	28-Sep-14	01-Nov-14	25-Nov-14	-1d	$122,760	$0
NHT3160	Backfill the pipe trench with (single size aggregate) to the required level	20d	0%	20d	09-Sep-14	28-Sep-14	01-Nov-14	25-Nov-14	-1d	$18,040	$0
chambers		30d		30d	28-Sep-14	30-Oct-14	26-Nov-14	06-Jan-15	43d	$137,220	$0
NHT3035	Construct - AR/AV Valve chamber	16d	0%	16d	28-Sep-14	18-Oct-14	26-Nov-14	16-Dec-14	57d	$41,400	$0
NHT3020	Construct - Wash out Valve chamber	18d	0%	18d	12-Oct-14	28-Oct-14	09-Dec-14	04-Jan-15	45d	$63,000	$0
NHT3030	Construct - Butterfly Valve chamber	15d	0%	15d	16-Oct-14	30-Oct-14	16-Dec-14	06-Jan-15	43d	$32,820	$0



Project Baseline Bar
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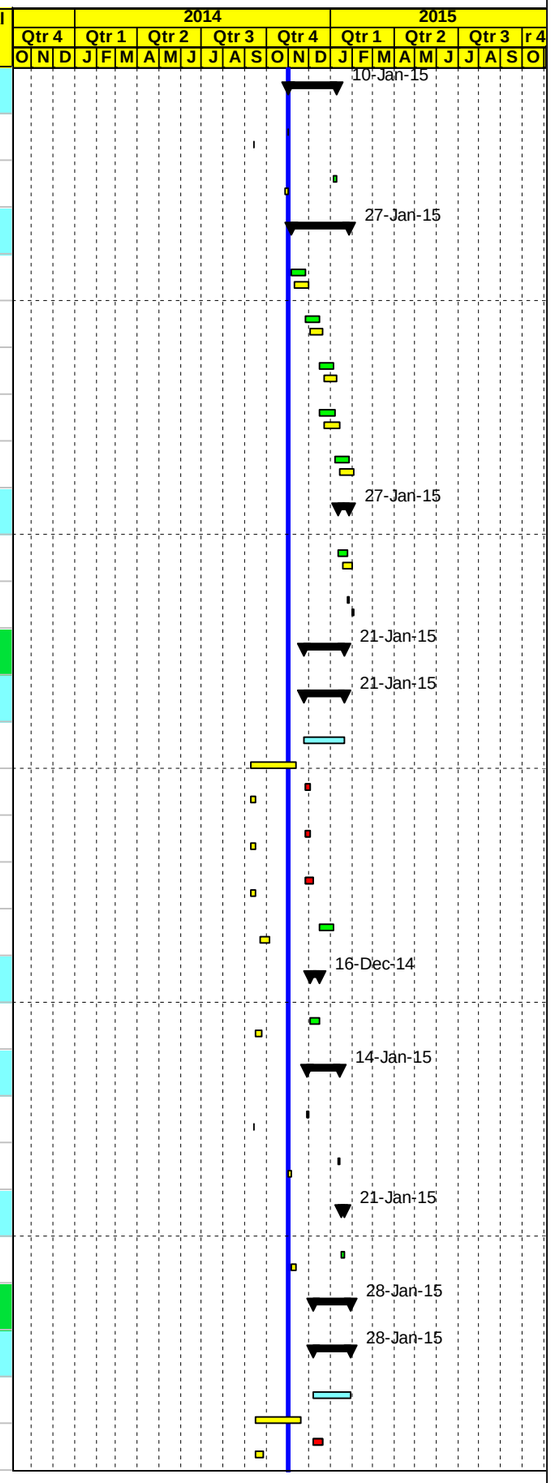
Testing		71d		71d	13-Sep-14	02-Nov-14	01-Nov-14	10-Jan-15	58d	$0	$0
NHT3125	Radiographic Testing (RT)	1d	0%	1d	13-Sep-14	13-Sep-14	01-Nov-14	01-Nov-14	17d	$0	$0
NHT3200	Pressure Testing	4d	0%	4d	28-Oct-14	02-Nov-14	05-Jan-15	10-Jan-15	45d	$0	$0
Base course		60d		60d	11-Nov-14	02-Feb-15	05-Nov-14	27-Jan-15	43d	$144,780	$0
NHT3220	20 cm thick for first base course layer E0+000 to Sta.E0+650	16d	0%	16d	11-Nov-14	01-Dec-14	05-Nov-14	26-Nov-14	43d	$36,195	$0
NHT3270	20 cm thick for first base course layer From Sta. E0+650 to Sta.E1+276	14d	0%	14d	02-Dec-14	21-Dec-14	26-Nov-14	15-Dec-14	43d	$36,195	$0
NHT3210	PVC conduct cable for street lighting	13d	0%	13d	22-Dec-14	10-Jan-15	15-Dec-14	04-Jan-15	58d	$0	$0
NHT3230	20 cm thick for second base course layer E0+000 to Sta.E0+650	16d	0%	16d	22-Dec-14	13-Jan-15	15-Dec-14	08-Jan-15	43d	$36,195	$0
NHT3280	20 cm thick for second base course layer From Sta. E0+650 to Sta.E1+276	14d	0%	14d	14-Jan-15	02-Feb-15	08-Jan-15	27-Jan-15	43d	$36,195	$0
Curbstone and Asphalt		11d		11d	19-Jan-15	02-Feb-15	12-Jan-15	27-Jan-15	43d	$251,804	$0
NHT3290	Curbstone ,concrete side walks, ramps including 15 cm base course under side walk	9d	0%	9d	19-Jan-15	31-Jan-15	12-Jan-15	25-Jan-15	43d	$14,804	$0
NHT3295	7 cm Asphalt wearing course including prime	2d	0%	2d	01-Feb-15	02-Feb-15	25-Jan-15	27-Jan-15	43d	$237,000	$0
Hussan Distribution pipes		58d		58d	09-Sep-14	12-Nov-14	24-Nov-14	21-Jan-15	57d	$192,980	$0
Safety and Pipe Installation		42d		42d	09-Sep-14	12-Nov-14	24-Nov-14	21-Jan-15	45d	$74,920	$0
NHT3310	Maintain traffic control and safety plan ,coordination for relocation utilities and others	42d	0%	42d	09-Sep-14	12-Nov-14	24-Nov-14	21-Jan-15	45d	$0	$0
NHT3320	Trench excavation for 100mm main pipeline at Hussan village length approx. (430 LM)	7d	0%	7d	09-Sep-14	15-Sep-14	25-Nov-14	02-Dec-14	0d	$30,503	$0
NHT3330	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (430 LM)	7d	0%	7d	09-Sep-14	15-Sep-14	26-Nov-14	03-Dec-14	-1d	$15,617	$0
NHT3340	Backfill the pipe trench with (single size aggregate) to the required level	7d	0%	7d	09-Sep-14	15-Sep-14	26-Nov-14	06-Dec-14	-1d	$0	$0
NHT3345	Water meters and House connection	14d	0%	14d	22-Sep-14	05-Oct-14	15-Dec-14	05-Jan-15	49d	$28,800	$0
Chamber work		10d		10d	15-Sep-14	24-Sep-14	03-Dec-14	16-Dec-14	61d	$90,060	$0
NHT3350	Construct AR/AV Valve chamber @ Hussan village	10d	0%	10d	15-Sep-14	24-Sep-14	03-Dec-14	16-Dec-14	61d	$90,060	$0
Testing		47d		47d	13-Sep-14	06-Nov-14	29-Nov-14	14-Jan-15	59d	$0	$0
NHT3354	Radiographic Testing (RT)	1d	0%	1d	13-Sep-14	13-Sep-14	29-Nov-14	29-Nov-14	0d	$0	$0
NHT3360	Pressure Testing	4d	0%	4d	02-Nov-14	06-Nov-14	11-Jan-15	14-Jan-15	45d	$0	$0
Asphalt		5d		5d	06-Nov-14	12-Nov-14	17-Jan-15	21-Jan-15	45d	$28,000	$0
NHT3370	Restoration pavement full width	5d	0%	5d	06-Nov-14	12-Nov-14	17-Jan-15	21-Jan-15	45d	$28,000	$0
Battir Distribution pipes		54d		54d	15-Sep-14	19-Nov-14	06-Dec-14	28-Jan-15	56d	$215,089	$0
Safety and Pipe Installation		39d		39d	15-Sep-14	19-Nov-14	06-Dec-14	28-Jan-15	45d	$100,139	$0
NHT3380	Maintain traffic control and safety plan ,coordination	39d	0%	39d	15-Sep-14	19-Nov-14	06-Dec-14	28-Jan-15	45d	$0	$0
NHT3390	Trench excavation for 150mm main pipeline at Battir village length approx. (950 LM)	12d	0%	12d	15-Sep-14	27-Sep-14	06-Dec-14	21-Dec-14	-1d	$0	$0



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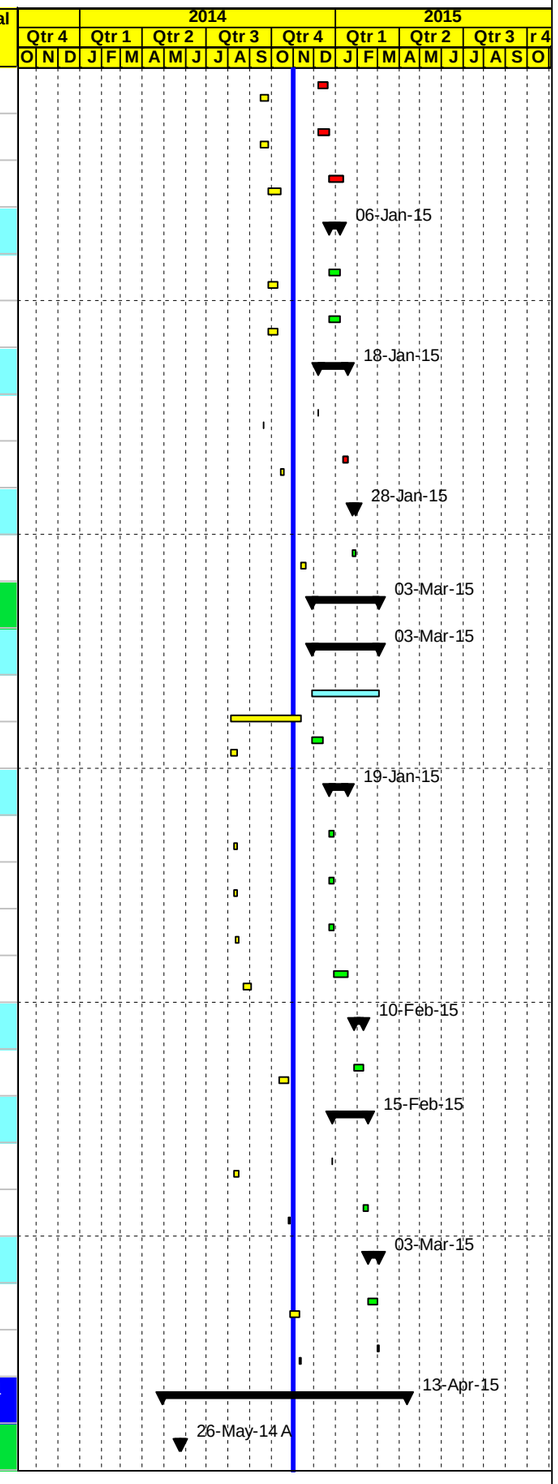
NHT3400	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection(950 LM)	12d	0%	12d	15-Sep-14	27-Sep-14	06-Dec-14	21-Dec-14	-1d	$82,139	$0
NHT3410	Backfill the pipe trench with (single size aggregate) to the required level	12d	0%	12d	15-Sep-14	27-Sep-14	06-Dec-14	22-Dec-14	-1d	$0	$0
NHT3415	Water meters and House connection	14d	0%	14d	27-Sep-14	14-Oct-14	22-Dec-14	12-Jan-15	-1d	$18,000	$0
Chamber work		10d		10d	27-Sep-14	11-Oct-14	22-Dec-14	06-Jan-15	3d	$84,150	$0
NHT3420	Construct -Gate Valve chamber @ Battir village	10d	0%	10d	27-Sep-14	11-Oct-14	22-Dec-14	06-Jan-15	3d	$56,250	$0
NHT3422	Construct - PRV chamber @ Battir village	10d	0%	10d	27-Sep-14	11-Oct-14	22-Dec-14	06-Jan-15	3d	$27,900	$0
Testing		43d		43d	20-Sep-14	18-Oct-14	06-Dec-14	18-Jan-15	-1d	$0	$0
NHT3425	Radiographic Testing (RT)	1d	0%	1d	20-Sep-14	20-Sep-14	06-Dec-14	06-Dec-14	2d	$0	$0
NHT3430	Pressure Testing	4d	0%	4d	14-Oct-14	18-Oct-14	12-Jan-15	18-Jan-15	-1d	$0	$0
Asphalt		5d		5d	12-Nov-14	19-Nov-14	24-Jan-15	28-Jan-15	45d	$30,800	$0
NHT3440	Restoration pavement full width	5d	0%	5d	12-Nov-14	19-Nov-14	24-Jan-15	28-Jan-15	45d	$30,800	$0
SEG.C From St.C0+000 -St.C0+330		97d		97d	03-Aug-14	12-Nov-14	27-Nov-14	03-Mar-15	18d	$160,337	$0
Safety and Excavation		72d		72d	03-Aug-14	12-Nov-14	27-Nov-14	03-Mar-15	14d	$4,522	$0
NHT3060	Maintain traffic control and safety plan with coordination	72d	0%	72d	03-Aug-14	12-Nov-14	27-Nov-14	03-Mar-15	14d	$0	$0
NHT3070	Excavation for reconstruction road including subgrade and backfilling if required	12d	0%	12d	03-Aug-14	14-Aug-14	27-Nov-14	13-Dec-14	39d	$4,522	$0
Pipe Installation		19d		19d	09-Aug-14	03-Sep-14	22-Dec-14	19-Jan-15	35d	$88,305	$0
NHT3080	Trench excavation for 200mm main pipeline with 100 mm dist. Pipe from C0+000 to sta. C0+330 (330 LM)	5d	0%	5d	09-Aug-14	13-Aug-14	22-Dec-14	29-Dec-14	23d	$10,810	$0
NHT3090	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (330 LM)	5d	0%	5d	09-Aug-14	13-Aug-14	22-Dec-14	29-Dec-14	35d	$51,870	$0
NHT3100	Backfill the pipe trench with (single size aggregate) to the required level (330 LM)	5d	0%	5d	11-Aug-14	16-Aug-14	22-Dec-14	30-Dec-14	35d	$7,625	$0
NHT3105	Water meters and House connection	14d	0%	14d	21-Aug-14	03-Sep-14	30-Dec-14	19-Jan-15	35d	$18,000	$0
Chamber work		12d		12d	13-Oct-14	25-Oct-14	26-Jan-15	10-Feb-15	14d	$9,050	$0
NHT3110	Construct -Nahaleen Connection chamber @ Sta.C0+320	12d	0%	12d	13-Oct-14	25-Oct-14	26-Jan-15	10-Feb-15	14d	$9,050	$0
Testing		51d		51d	09-Aug-14	28-Oct-14	27-Dec-14	15-Feb-15	16d	$0	$0
NHT3115	Radiographic Testing (RT)	1d	0%	1d	09-Aug-14	16-Aug-14	27-Dec-14	27-Dec-14	7d	$0	$0
NHT3120	Pressure Testing	4d	0%	4d	25-Oct-14	28-Oct-14	10-Feb-15	15-Feb-15	14d	$0	$0
Base course and Asphalt		14d		14d	28-Oct-14	12-Nov-14	15-Feb-15	03-Mar-15	14d	$58,460	$0
NHT3130	20 cm thick for base course layer	12d	0%	12d	28-Oct-14	10-Nov-14	15-Feb-15	01-Mar-15	14d	$11,060	$0
NHT3170	7 cm Asphalt wearing course including prime coat	2d	0%	2d	11-Nov-14	12-Nov-14	01-Mar-15	03-Mar-15	14d	$47,400	$0
Group Two SEG.A Road From Sta. 3+320 to Sta. A8+203 and Seg. B		332d		164d	17-May-14	31-Mar-15	29-Apr-14 A	13-Apr-15	15d	$5,030,633	$1,442,031
Implementation traffic control and safety plan		3d		0d	17-May-14	19-May-14	24-May-14 A	26-May-14 A		$0	$0



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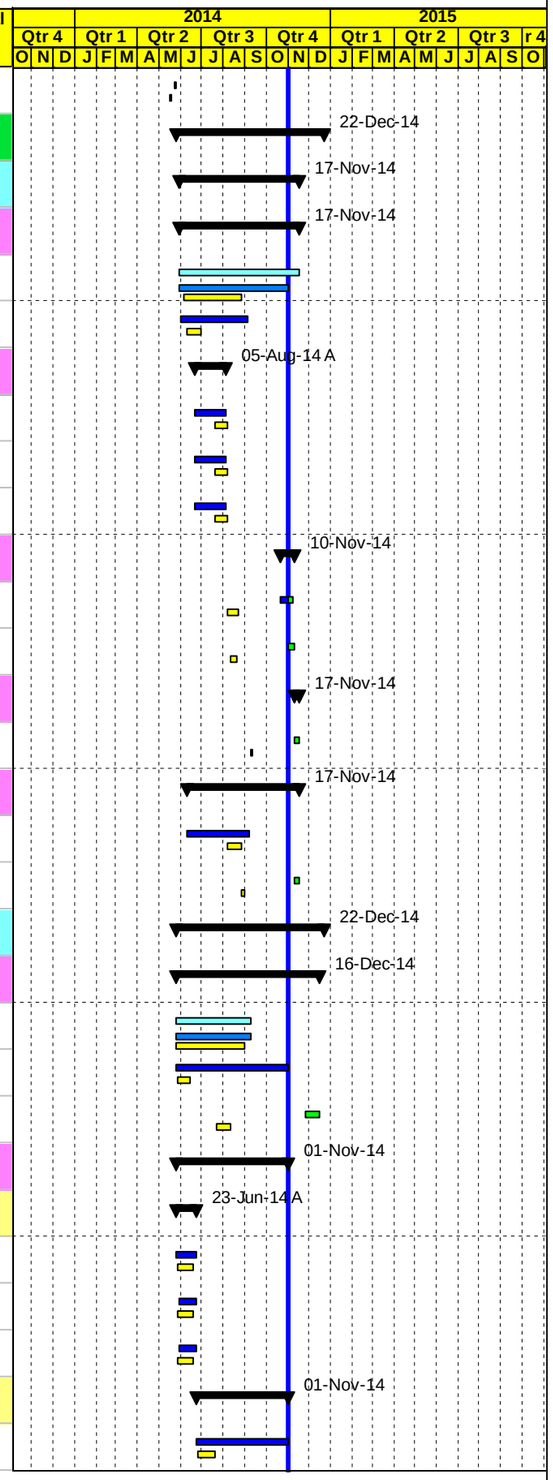
NHT3445	Start Implementation traffic control and safety plan	3d	100%	0d	17-May-14	19-May-14	24-May-14 A	26-May-14 A		$0	$0
SEG.A From Sta.A3+320 to Sta.A5+800		212d		52d	25-May-14	13-Oct-14	25-May-14 A	22-Dec-14	93d	$1,263,400	$763,449
SEG.A From Sta.A3+320 to Sta.A3+850		148d		14d	05-Jun-14	11-Sep-14	29-May-14 A	17-Nov-14	97d	$208,253	$186,608
Safety, Excavation, Culvert , concrete channel and Basecourse		70d		14d	05-Jun-14	27-Aug-14	29-May-14 A	17-Nov-14	97d	$56,049	$56,049
NHT3580	Maintain traffic control and safety plan ,coordination for relocation utilities and others	70d	80%	14d	05-Jun-14	27-Aug-14	29-May-14 A	17-Nov-14	97d	$0	$0
NHT3590	Saw Cut to Edge of Existing Asphalt , Excavation for road widening and slope cut	20d	100%	0d	10-Jun-14	29-Jun-14	02-Jun-14 A	06-Sep-14 A		$56,049	$56,049
Pipe Installation		10d		0d	20-Jul-14	06-Aug-14	21-Jun-14 A	05-Aug-14 A		$70,304	$85,559
NHT3620	Trench excavation for 250 mm main pipeline from A3+350 to sta.A3+850 with length approx. (500LM)	10d	100%	0d	20-Jul-14	06-Aug-14	21-Jun-14 A	05-Aug-14 A		$10,000	$13,450
NHT3630	Bedding (crushed stone) and install the above main and distribution Steel pipe with welding inspection (500LM)	10d	100%	0d	20-Jul-14	06-Aug-14	21-Jun-14 A	05-Aug-14 A		$53,554	$62,359
NHT3640	Backfill the pipe trench with (single size aggregate) to the required level (500LM)	10d	100%	0d	20-Jul-14	06-Aug-14	21-Jun-14 A	05-Aug-14 A		$6,750	$9,750
Chamber work		37d		9d	07-Aug-14	21-Aug-14	21-Oct-14 A	10-Nov-14	73d	$58,500	$22,500
NHT3650	Construct - Wash out Valve chamber @ Sta.3+612, 3+811	15d	50%	8d	07-Aug-14	21-Aug-14	21-Oct-14 A	09-Nov-14	73d	$45,000	$22,500
NHT3660	Construct - AR/AV Valve chamber @ Sta.A3+721	9d	0%	9d	10-Aug-14	19-Aug-14	01-Nov-14	10-Nov-14	73d	$13,500	$0
Testing		4d		4d	08-Sep-14	11-Sep-14	11-Nov-14	17-Nov-14	73d	$0	$0
NHT3680	Pressure Testing	4d	0%	4d	08-Sep-14	11-Sep-14	11-Nov-14	17-Nov-14	73d	$0	$0
Base course and Stone Wall		51d		5d	06-Aug-14	31-Aug-14	10-Jun-14 A	17-Nov-14	97d	$23,400	$22,500
NHT3685	Subgrad and install first and second layer of 20 cm base course for widening the road	21d	100%	0d	06-Aug-14	26-Aug-14	10-Jun-14 A	08-Sep-14 A		$22,500	$22,500
NHT3700	Construct - stone wall l from Sta.A3+360 to sta. A3+370 RHS	5d	0%	5d	26-Aug-14	31-Aug-14	11-Nov-14	17-Nov-14	97d	$900	$0
SEG.A From Sta.A3+850 to Sta.A5+800		212d		52d	25-May-14	28-Sep-14	25-May-14 A	22-Dec-14	68d	$644,347	$384,191
Safety, Excavation and Concrete Works		182d		36d	25-May-14	30-Aug-14	25-May-14 A	16-Dec-14	50d	$31,200	$12,920
NHT3710	Maintain traffic control and safety plan ,coordination for relocation utilities and others	84d	100%	0d	25-May-14	30-Aug-14	25-May-14 A	09-Sep-14 A		$0	$0
NHT3715	Saw Cut to Edge of Existing Asphalt and Excavation	18d	95%	1d	28-May-14	14-Jun-14	26-May-14 A	01-Nov-14	50d	$13,600	$12,920
NHT3720	Construct - Dia.1000 mm of double pipe culvert @ Sta.A5+469	15d	0%	15d	21-Jul-14	11-Aug-14	26-Nov-14	16-Dec-14	50d	$17,600	$0
Pipe Installation		112d		1d	28-May-14	10-Aug-14	26-May-14 A	01-Nov-14	58d	$300,747	$314,271
250 mm main pipeline		22d		0d	28-May-14	18-Jun-14	26-May-14 A	23-Jun-14 A		$211,322	$199,232
NHT3730	Trench excavation for 250 mm main pipeline from A3+850 to sta.A5+170 with length approx. (1320 LM)	22d	100%	0d	28-May-14	18-Jun-14	26-May-14 A	23-Jun-14 A		$31,600	$26,400
NHT3740	Bedding (crushed stone) and install the above main and distribution Steel pipe with welding inspection (1320 LM)	22d	100%	0d	28-May-14	18-Jun-14	31-May-14 A	23-Jun-14 A		$158,392	$155,012
NHT3750	Backfill the pipe trench with (single size aggregate) to the required level (1320 LM)	22d	100%	0d	28-May-14	18-Jun-14	31-May-14 A	23-Jun-14 A		$21,330	$17,820
250 mm main pipeline with 50 mm dist. Pipe		15d		1d	25-Jun-14	20-Jul-14	23-Jun-14 A	01-Nov-14	58d	$71,425	$97,039
NHT3760	Trench excavation for 250mm main pipeline with 50 mm dist. Pipe from sta.A5+170 to A5+800 length approx. (630 LM)	15d	95%	1d	25-Jun-14	20-Jul-14	23-Jun-14 A	01-Nov-14	58d	$8,510	$12,190



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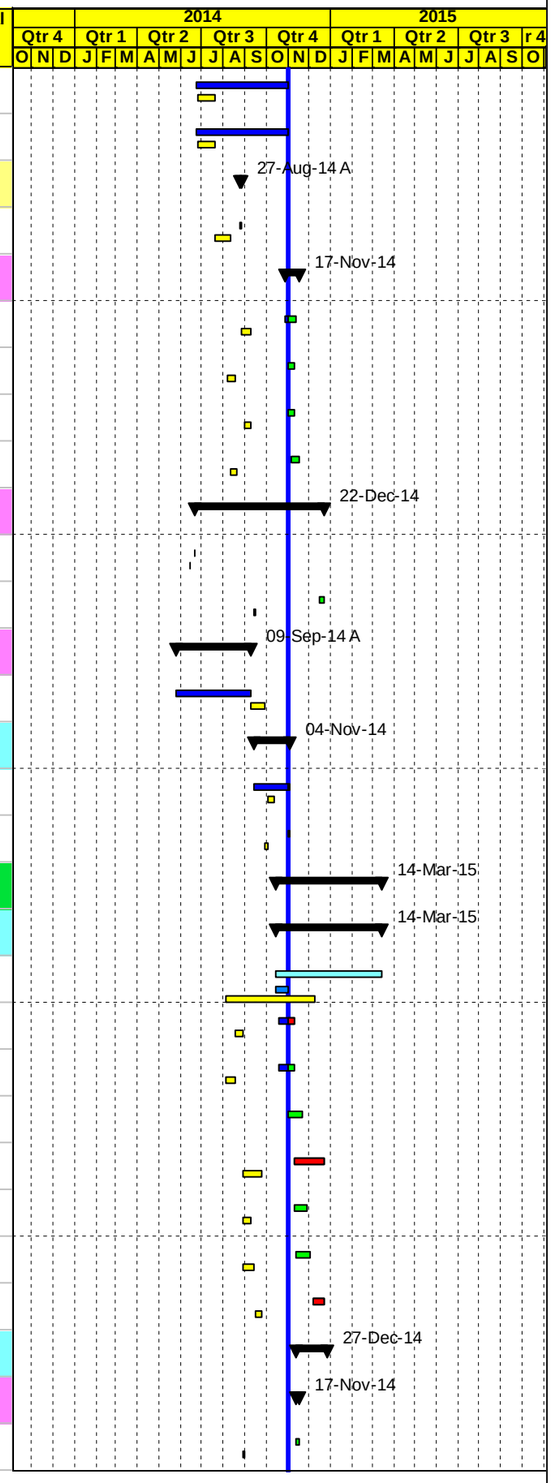
NHT3763	Bedding (crushed stone) and install the above main and distribution Steel pipe with welding inspection (630 LM)	15d	95%	1d	25-Jun-14	20-Jul-14	24-Jun-14 A	01-Nov-14	58d	$55,515	$74,249
NHT3766	Backfill the pipe trench with (single size aggregate) to the required level (630 LM)	15d	95%	1d	25-Jun-14	20-Jul-14	24-Jun-14 A	01-Nov-14	58d	$7,400	$10,600
House connection		14d		0d	20-Jul-14	10-Aug-14	24-Aug-14 A	27-Aug-14 A		$18,000	$18,000
NHT3769	House connection	14d	100%	0d	20-Jul-14	10-Aug-14	24-Aug-14 A	27-Aug-14 A		$18,000	$18,000
Chamber work		16d		14d	07-Aug-14	08-Sep-14	28-Oct-14 A	17-Nov-14	72d	$272,400	$17,000
NHT3810	Construct -250mm flow monitoring chamber @ Sta.A5+725	13d	10%	12d	27-Aug-14	08-Sep-14	28-Oct-14 A	13-Nov-14	73d	$170,000	$17,000
NHT3790	Construct - Wash out Valve chamber @ 5+590 & 4+092	10d	0%	10d	07-Aug-14	17-Aug-14	01-Nov-14	11-Nov-14	72d	$45,000	$0
NHT3670	Construct - Butterfly Valve chamber @ Sta.A4+088	9d	0%	9d	31-Aug-14	08-Sep-14	01-Nov-14	11-Nov-14	73d	$29,500	$0
NHT3800	Construct - Butterfly Valve chamber @ A5+587	10d	0%	10d	11-Aug-14	20-Aug-14	05-Nov-14	17-Nov-14	72d	$27,900	$0
Testing		157d		6d	14-Jun-14	16-Sep-14	22-Jun-14 A	22-Dec-14	68d	$0	$0
NHT3815	Radiographic Testing (RT)	1d	100%	0d	14-Jun-14	14-Jun-14	22-Jun-14 A	22-Jun-14 A		$0	$0
NHT3820	Pressure Testing	4d	0%	4d	13-Sep-14	16-Sep-14	16-Dec-14	22-Dec-14	50d	$0	$0
Base course		21d		0d	08-Sep-14	28-Sep-14	26-May-14 A	09-Sep-14 A		$40,000	$40,000
NHT3830	Subgrad and install first and second layer of 20 cm base course for widening the road	21d	100%	0d	08-Sep-14	28-Sep-14	26-May-14 A	09-Sep-14 A		$40,000	$40,000
SEG.A From Sta.A3+320 to Sta.A5+800 RHS & LHS (Asphalt -work)		18d		4d	30-Sep-14	13-Oct-14	14-Sep-14 A	04-Nov-14	89d	$410,800	$192,650
NHT3850	7 cm Asphalt wearing layer for road widening & 5cm overlay asphalt above milling road area including prime& tack coat	5d	50%	3d	04-Oct-14	13-Oct-14	14-Sep-14 A	03-Nov-14	90d	$385,300	$192,650
NHT3840	Asphalt milling for the existing road	4d	0%	4d	30-Sep-14	04-Oct-14	01-Nov-14	04-Nov-14	89d	$25,500	$0
SEG.A From Sta.A5+800 to Sta. 6+630 RHS & LHS		153d		133d	04-Aug-14	09-Dec-14	15-Oct-14 A	14-Mar-15	3d	$869,381	$7,650
Safety, Excavation, Pipe Culvert and storm system		120d		133d	04-Aug-14	09-Dec-14	15-Oct-14 A	14-Mar-15	3d	$378,012	$7,650
NHT3860	Maintain traffic control and safety plan ,coordination for relocation utilities and others	89d	30%	100d	04-Aug-14	09-Dec-14	15-Oct-14 A	14-Mar-15	3d	$0	$0
NHT4180	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work LHS	13d	30%	9d	17-Aug-14	28-Aug-14	19-Oct-14 A	11-Nov-14	-1d	$5,347	$3,825
NHT3870	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work RHS	13d	30%	9d	05-Aug-14	17-Aug-14	19-Oct-14 A	11-Nov-14	59d	$4,446	$3,825
NHT3870-new	Retaining Wall	21d	0%	21d			01-Nov-14	21-Nov-14	102d	$0	$0
NHT3890	Construct 600 &400 mm precast concrete pipe for storm sytem with manholes &catch basin from st. A5+800 to A6+630	30d	0%	30d	28-Aug-14	25-Sep-14	11-Nov-14	22-Dec-14	-1d	$174,350	$0
NHT3880	Construct -Dia.800 mm of precast pipe culvert @ Sta.A6+198	12d	0%	12d	28-Aug-14	09-Sep-14	11-Nov-14	27-Nov-14	17d	$11,490	$0
NHT3725	Storm concrete drainage system SEG.A From sta. A5+800 to A6+040	16d	0%	16d	28-Aug-14	13-Sep-14	12-Nov-14	03-Dec-14	66d	$142,900	$0
NHT4230	Construct outfall 600mm concrete pipe as storm system with manholes&headwall for hussan @ st.A6+570 (134 LM) LHS	10d	0%	10d	16-Sep-14	25-Sep-14	08-Dec-14	22-Dec-14	-1d	$39,480	$0
Pipe Installation		31d		31d	28-Aug-14	27-Sep-14	12-Nov-14	27-Dec-14	48d	$222,285	$0
200 mm main pipeline with 100 mm dist. Pipe		3d		3d	28-Aug-14	01-Sep-14	12-Nov-14	17-Nov-14	48d	$6,254	$0
NHT3900	Trench excavation for 200mm main pipeline with 100 mm dist. Pipe from A5+800 to sta.A5+840 length approx. (40	3d	0%	3d	28-Aug-14	01-Sep-14	12-Nov-14	17-Nov-14	48d	$1,125	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
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TO15
Nahaleen Main Pipeline Project

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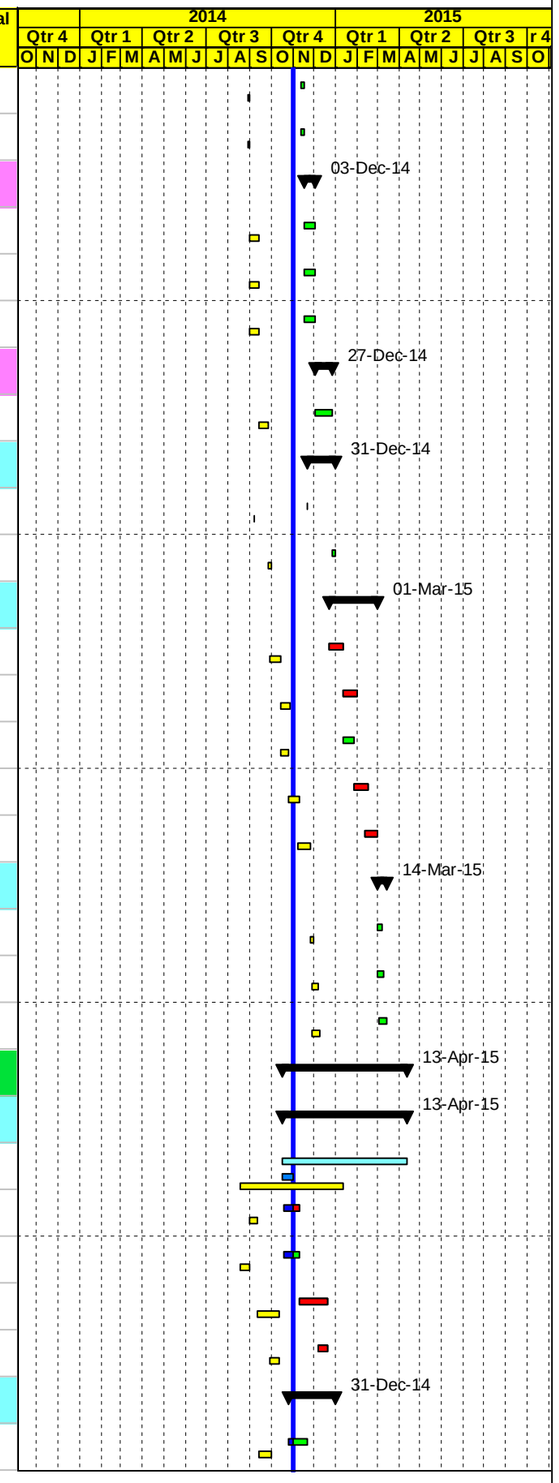
NHT3905	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (40 LM) RHS	3d	0%	3d	28-Aug-14	01-Sep-14	12-Nov-14	17-Nov-14	48d	$4,296	$0
NHT3908	Backfill the pipe trench with (single size aggregate) to the required level (40 LM) RHS	3d	0%	3d	28-Aug-14	01-Sep-14	12-Nov-14	17-Nov-14	48d	$833	$0
200 mm main pipeline with 150 mm dist. Pipe		13d		13d	01-Sep-14	13-Sep-14	17-Nov-14	03-Dec-14	48d	$198,032	$0
NHT3910	Trench excavation for 200mm main pipeline with 150 mm dist. Pipe from A5+840 to sta.A6+630 length (790 LM) RHS	13d	0%	13d	01-Sep-14	13-Sep-14	17-Nov-14	03-Dec-14	48d	$20,547	$0
NHT3920	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (790 LM) RHS	13d	0%	13d	01-Sep-14	13-Sep-14	17-Nov-14	03-Dec-14	48d	$162,265	$0
NHT3930	Backfill the pipe trench with (single size aggregate) to the required level (790 LM) RHS	13d	0%	13d	01-Sep-14	13-Sep-14	17-Nov-14	03-Dec-14	48d	$15,220	$0
House connection		15d		15d	13-Sep-14	27-Sep-14	03-Dec-14	27-Dec-14	48d	$18,000	$0
NHT3935	House connection	15d	0%	15d	13-Sep-14	27-Sep-14	03-Dec-14	27-Dec-14	48d	$18,000	$0
Testing		40d		40d	06-Sep-14	30-Sep-14	22-Nov-14	31-Dec-14	63d	$0	$0
NHT3937	Radiographic Testing (RT)	1d	0%	1d	06-Sep-14	06-Sep-14	22-Nov-14	22-Nov-14	11d	$0	$0
NHT3940	Pressure Testing	4d	0%	4d	27-Sep-14	30-Sep-14	27-Dec-14	31-Dec-14	48d	$0	$0
Base course		51d		51d	28-Sep-14	26-Nov-14	22-Dec-14	01-Mar-15	-1d	$82,380	$0
NHT3950	20 cm thick for first base course layer RHS	14d	0%	14d	28-Sep-14	15-Oct-14	22-Dec-14	12-Jan-15	-1d	$23,095	$0
NHT4210	20 cm thick for first base course layer LHS	14d	0%	14d	14-Oct-14	28-Oct-14	11-Jan-15	31-Jan-15	-1d	$18,095	$0
NHT3970	Foundation and PVC conduit cable for street lighting RHS	12d	0%	12d	14-Oct-14	26-Oct-14	11-Jan-15	27-Jan-15	25d	$0	$0
NHT3960	20 cm thick for second base course layer RHS	14d	0%	14d	26-Oct-14	10-Nov-14	27-Jan-15	15-Feb-15	-1d	$23,095	$0
NHT4220	20 cm thick for second base course layer LHS	14d	0%	14d	08-Nov-14	26-Nov-14	12-Feb-15	01-Mar-15	-1d	$18,095	$0
Side walk and asphalt		10d		10d	26-Nov-14	09-Dec-14	01-Mar-15	14-Mar-15	3d	$186,704	$0
NHT4240	5cm asphalt binder course including prime coat	4d	0%	4d	26-Nov-14	01-Dec-14	01-Mar-15	07-Mar-15	3d	$85,643	$0
NHT4250	Construct curbstone after Saw cut the edge of asphalt binder course	6d	0%	6d	27-Nov-14	06-Dec-14	02-Mar-15	10-Mar-15	3d	$33,185	$0
NHT4260	Reinforced concrete side walks, ramps and stairs including 15 cm base course under side walk LHS	8d	0%	8d	29-Nov-14	09-Dec-14	03-Mar-15	14-Mar-15	3d	$67,876	$0
SEG.A From Sta.A6+630 to Sta. 7+460 RHS &LHS		181d		164d	17-Aug-14	11-Jan-15	16-Oct-14 A	13-Apr-15	15d	$906,469	$50,420
Safety, Excavation and storm system		120d		126d	17-Aug-14	11-Jan-15	16-Oct-14 A	13-Apr-15	13d	$267,967	$7,650
NHT4010	Maintain traffic control and safety plan ,coordination for relocation utilities and others	118d	30%	126d	17-Aug-14	11-Jan-15	16-Oct-14 A	13-Apr-15	-15d	$0	$0
NHT4280	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work LHS	13d	30%	9d	30-Aug-14	11-Sep-14	19-Oct-14 A	11-Nov-14	-8d	$4,250	$3,825
NHT4020	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work RHS	13d	30%	9d	18-Aug-14	30-Aug-14	19-Oct-14 A	11-Nov-14	130d	$5,797	$3,825
NHT4030	Construct 600&400 mm precast concrete pipe for storm sytem with manholes & catch basin from st. A6+630 to	28d	0%	28d	11-Sep-14	12-Oct-14	11-Nov-14	20-Dec-14	-8d	$214,920	$0
NHT4330	Construct outfall 600mm concrete pipe as storm system with manholes&headwall for hussan @ A7+172 (150 LM) LHS	10d	0%	10d	28-Sep-14	12-Oct-14	06-Dec-14	20-Dec-14	-8d	$43,000	$0
Pipe Installation		27d		46d	13-Sep-14	04-Nov-14	26-Oct-14 A	31-Dec-14	48d	$212,298	$42,770
NHT4040	Trench excavation for 200mm main pipeline with 150 mm dist. Pipe from A6+630 to sta.A7+406.6 length (777 LM)	21d	20%	17d	13-Sep-14	02-Oct-14	26-Oct-14 A	22-Nov-14	48d	$20,223	$4,045



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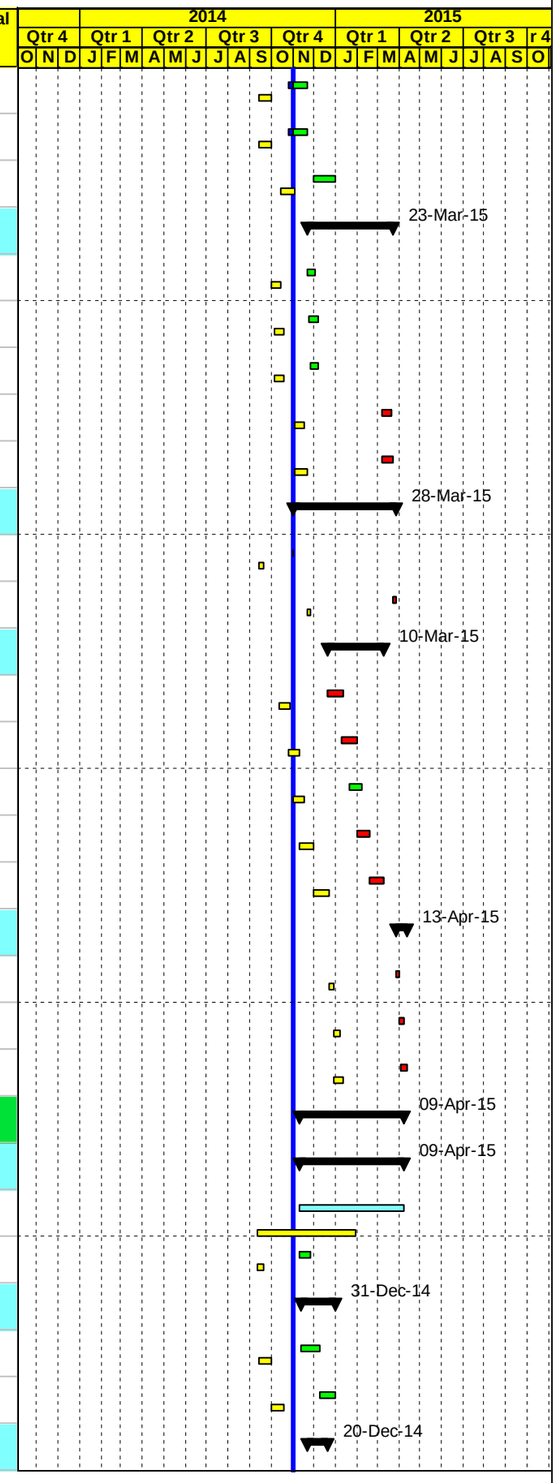
NHT4050	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (777 LM) RHS	21d	20%	17d	13-Sep-14	02-Oct-14	26-Oct-14 A	22-Nov-14	56d	$159,095	$35,729
NHT4060	Backfill the pipe trench with (single size aggregate) to the required level RHS	21d	20%	17d	13-Sep-14	02-Oct-14	26-Oct-14 A	22-Nov-14	13d	$14,980	$2,996
NHT4065	Water meters and House connection	21d	0%	21d	14-Oct-14	04-Nov-14	01-Dec-14	31-Dec-14	48d	$18,000	$0
Chamber work		92d		92d	02-Oct-14	22-Nov-14	22-Nov-14	23-Mar-15	-15d	$149,450	$0
NHT4070	Construct - AR/AV Valve chamber @ Sta.A7+046	9d	0%	9d	02-Oct-14	15-Oct-14	22-Nov-14	02-Dec-14	65d	$12,000	$0
NHT4080	Construct -200 Gate Valve chamber @ Sta.A7+085	9d	0%	9d	05-Oct-14	18-Oct-14	24-Nov-14	06-Dec-14	65d	$9,050	$0
NHT4090	Construct - Wash out Valve chamber @ Sta.A7+187	9d	0%	9d	05-Oct-14	19-Oct-14	25-Nov-14	07-Dec-14	65d	$17,000	$0
NHT4370	Construct -Hussan Connection chamber @ Sta.A7+390	12d	0%	12d	03-Nov-14	18-Nov-14	08-Mar-15	21-Mar-15	-15d	$70,000	$0
NHT4380	Construct -Battir Connection chamber @ Sta.A7+410	13d	0%	13d	04-Nov-14	22-Nov-14	09-Mar-15	23-Mar-15	-15d	$41,400	$0
Testing		148d		148d	13-Sep-14	26-Nov-14	01-Nov-14	28-Mar-15	-18d	$0	$0
NHT4095	Radiographic Testing (RT)	1d	0%	1d	13-Sep-14	20-Sep-14	01-Nov-14	01-Nov-14	17d	$0	$0
NHT4100	Pressure Testing	4d	0%	4d	22-Nov-14	26-Nov-14	24-Mar-15	28-Mar-15	-15d	$0	$0
Base course , street lighting		60d		60d	12-Oct-14	22-Dec-14	20-Dec-14	10-Mar-15	1d	$79,380	$0
NHT4110	20 cm thick for first base course layer RHS	16d	0%	16d	12-Oct-14	27-Oct-14	20-Dec-14	12-Jan-15	-8d	$21,595	$0
NHT4310	20 cm thick for first base course layer LHS	16d	0%	16d	25-Oct-14	11-Nov-14	10-Jan-15	01-Feb-15	-8d	$18,095	$0
NHT4130	Foundation and PVC conduit cable for street lighting RHS	12d	0%	12d	02-Nov-14	17-Nov-14	20-Jan-15	07-Feb-15	27d	$0	$0
NHT4120	20 cm thick for second base course layer RHS	16d	0%	16d	10-Nov-14	01-Dec-14	31-Jan-15	19-Feb-15	-8d	$21,595	$0
NHT4320	20 cm thick for second base course layer LHS	16d	0%	16d	30-Nov-14	22-Dec-14	18-Feb-15	10-Mar-15	-8d	$18,095	$0
Side walk andasphalt		13d		13d	22-Dec-14	11-Jan-15	29-Mar-15	13-Apr-15	-15d	$197,374	$0
NHT4340	5cm asphalt binder course including prime coat	4d	0%	4d	22-Dec-14	29-Dec-14	29-Mar-15	01-Apr-15	-15d	$85,643	$0
NHT4350	Construct curbstone after Saw cut the edge of asphalt binder course	6d	0%	6d	29-Dec-14	06-Jan-15	02-Apr-15	08-Apr-15	-15d	$33,185	$0
NHT4360	Reinforced concrete side walks, ramps and stairs including 15 cm base course under side walk LHS	8d	0%	8d	30-Dec-14	11-Jan-15	04-Apr-15	13-Apr-15	-15d	$78,546	$0
SEG.A Road From Sta. 7+460 to Sta. A8+203		150d		150d	11-Sep-14	28-Jan-15	11-Nov-14	09-Apr-15	-9d	$293,941	$0
Safety and Excavation		115d		115d	11-Sep-14	28-Jan-15	11-Nov-14	09-Apr-15	-8d	$4,250	$0
NHT4390	Maintain traffic control and safety plan ,coordination for relocation utilities and others	115d	0%	115d	11-Sep-14	28-Jan-15	11-Nov-14	09-Apr-15	-8d	$0	$0
NHT4400	Excavation for reconstruction road including subgrade and backfilling if required	10d	0%	10d	11-Sep-14	21-Sep-14	11-Nov-14	25-Nov-14	19d	$4,250	$0
Pipe Installation		34d		34d	13-Sep-14	19-Oct-14	13-Nov-14	31-Dec-14	69d	$24,604	$0
NHT4410	Trench Excavation, bedding, install & backfill for 50mm pipes (7+400 to 8+100) (700 LM)	20d	0%	20d	13-Sep-14	01-Oct-14	13-Nov-14	10-Dec-14	19d	$3,004	$0
NHT4415	Water meters and House connection	14d	0%	14d	01-Oct-14	19-Oct-14	10-Dec-14	31-Dec-14	69d	$21,600	$0
Chamber Work		21d		21d	17-Sep-14	12-Oct-14	22-Nov-14	20-Dec-14	19d	$69,000	$0



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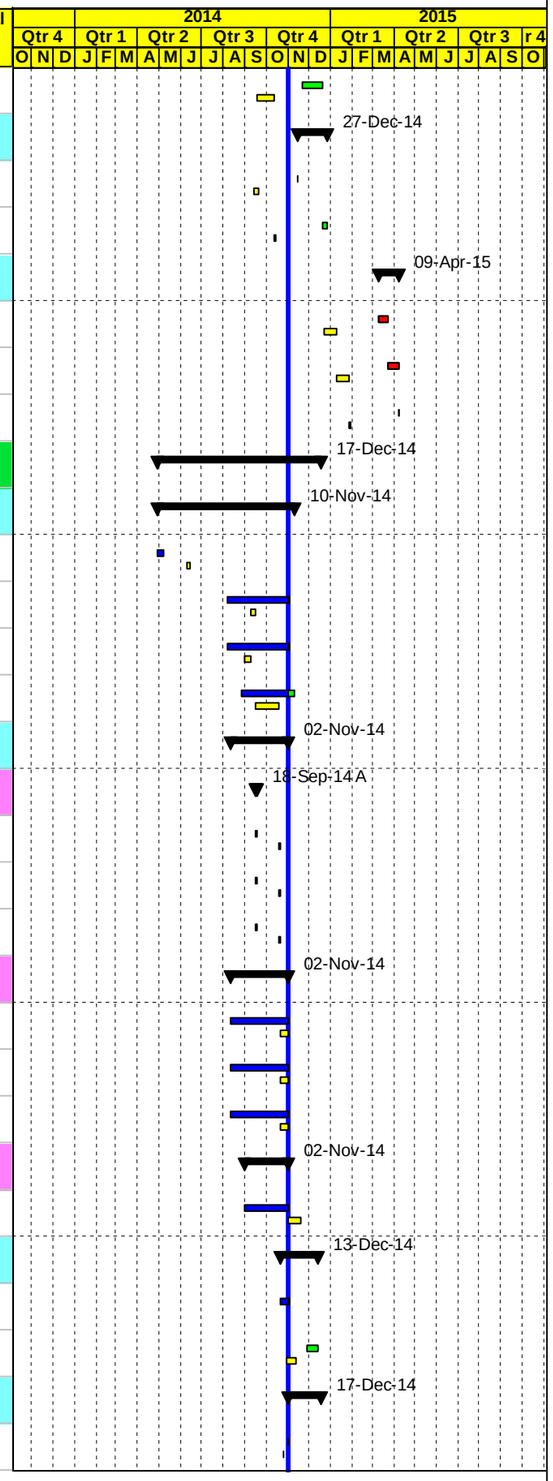
NHT4420	Gate Valves	21d	0%	21d	17-Sep-14	12-Oct-14	22-Nov-14	20-Dec-14	19d	$69,000	$0
Testing		42d		42d	13-Sep-14	15-Oct-14	15-Nov-14	27-Dec-14	63d	$0	$0
NHT4425	Radiographic Testing (RT)	1d	0%	1d	13-Sep-14	20-Sep-14	15-Nov-14	15-Nov-14	14d	$0	$0
NHT4430	Pressure Testing	4d	0%	4d	12-Oct-14	15-Oct-14	20-Dec-14	27-Dec-14	48d	$0	$0
Base course and Asphalt		27d		27d	22-Dec-14	28-Jan-15	10-Mar-15	09-Apr-15	-8d	$196,087	$0
NHT4440	20 cm thick for first base course layer	12d	0%	12d	22-Dec-14	10-Jan-15	10-Mar-15	24-Mar-15	-8d	$48,605	$0
NHT4450	20 cm thick for second base course layer	12d	0%	12d	10-Jan-15	26-Jan-15	24-Mar-15	07-Apr-15	-8d	$48,950	$0
NHT4460	5cm asphalt binder course including prime coat	2d	0%	2d	26-Jan-15	28-Jan-15	07-Apr-15	09-Apr-15	-8d	$98,532	$0
SEG.B From Sta. B0+000 to Sta. B0+985 RHS & LHS		197d		47d	10-Jun-14	31-Mar-15	29-Apr-14 A	17-Dec-14	132d	$857,691	$620,513
Safety, Excavation and Storm system		107d		8d	10-Jun-14	18-Oct-14	29-Apr-14 A	10-Nov-14	131d	$297,336	$230,752
NHT4650	Removing Asphalt	5d	100%	0d	10-Jun-14	14-Jun-14	29-Apr-14 A	07-May-14 A		$7,650	$7,650
NHT4640	Excavation for reconstruction road including subgrade work LHS	9d	60%	4d	08-Sep-14	16-Sep-14	07-Aug-14 A	04-Nov-14	135d	$13,413	$19,550
NHT4480	Excavation for reconstruction road including subgrade work RHS	10d	60%	4d	30-Aug-14	08-Sep-14	07-Aug-14 A	04-Nov-14	135d	$13,413	$19,550
NHT4490	Construct 600 &400 mm concrete pipe for storm sytem with manholes & catch basin from B0+110 to B0+230 - &	28d	70%	8d	16-Sep-14	18-Oct-14	26-Aug-14 A	10-Nov-14	131d	$262,860	$184,002
Pipe Installation		58d		1d	18-Oct-14	19-Nov-14	11-Aug-14 A	02-Nov-14	138d	$182,719	$164,949
100 mm main pipeline from		3d		0d	18-Oct-14	20-Oct-14	16-Sep-14 A	18-Sep-14 A		$4,181	$4,181
NHT4510	Trench excavation for 100 mm main pipeline from B0+010 to sta.B0+100 with length approx. (90 LM) RHS	3d	100%	0d	18-Oct-14	20-Oct-14	16-Sep-14 A	18-Sep-14 A		$0	$0
NHT4513	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (90 LM) RHS	3d	100%	0d	18-Oct-14	20-Oct-14	16-Sep-14 A	18-Sep-14 A		$4,181	$4,181
NHT4515	Backfill the pipe trench with (single size aggregate) to the required level (90 LM) RHS	3d	100%	0d	18-Oct-14	20-Oct-14	16-Sep-14 A	18-Sep-14 A		$0	$0
100 mm main pipeline with 100 mm dist. Pipe		13d		1d	20-Oct-14	02-Nov-14	11-Aug-14 A	02-Nov-14	138d	$156,938	$141,328
NHT4520	Trench excavation for 100mm main pipeline with 100 mm dist. Pipe from B0+100 to sta. B0+985 with length. (885 LM)	13d	90%	1d	20-Oct-14	02-Nov-14	11-Aug-14 A	02-Nov-14	138d	$21,240	$19,200
NHT4530	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (885 LM) RHS	13d	90%	1d	20-Oct-14	02-Nov-14	11-Aug-14 A	02-Nov-14	51d	$120,211	$108,189
NHT4540	Backfill the pipe trench with (single size aggregate) to the required level RHS	13d	90%	1d	20-Oct-14	02-Nov-14	11-Aug-14 A	02-Nov-14	29d	$15,488	$13,939
House connection		14d		1d	02-Nov-14	19-Nov-14	01-Sep-14 A	02-Nov-14	138d	$21,600	$19,440
NHT4545	House connection	14d	90%	1d	02-Nov-14	19-Nov-14	01-Sep-14 A	02-Nov-14	138d	$21,600	$19,440
Chamber work		74d		43d	29-Oct-14	12-Nov-14	21-Oct-14 A	13-Dec-14	49d	$40,300	$22,974
NHT4630	BFV Chamber @ 0+010	12d	70%	4d			21-Oct-14 A	04-Nov-14	88d	$0	$22,974
NHT4550	Construct -Wadi Fukin Connection chamber @ Sta.B0+957	12d	0%	12d	29-Oct-14	12-Nov-14	27-Nov-14	13-Dec-14	8d	$40,300	$0
Testing		47d		47d	25-Oct-14	18-Nov-14	01-Nov-14	17-Dec-14	51d	$0	$0
NHT4555	Radiographic Testing (RT)	1d	0%	1d	25-Oct-14	25-Oct-14	01-Nov-14	01-Nov-14	10d	$0	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

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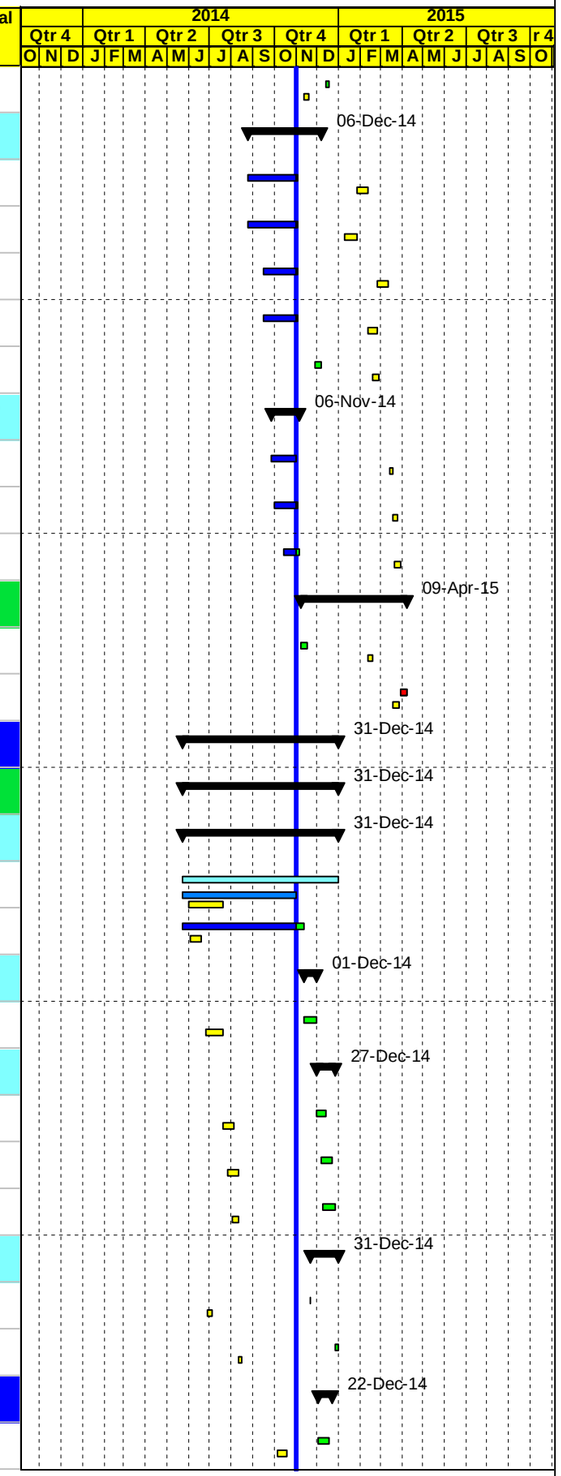
03-Nov-14			

APCO ArCon
CONSTRUCTION AND SERVICES

Updated Construction Program
October 31, 2014

TO15
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
NHT4560	Pressure Testing	4d	0%	4d	12-Nov-14	18-Nov-14	14-Dec-14	17-Dec-14	34d	$0	$0
Base course , street lighting ,		49d		28d	10-Jan-15	12-Mar-15	25-Aug-14 A	06-Dec-14	111d	$86,860	$60,802
NHT4660	20 cm thick for first base course layer LHS	12d	70%	4d	26-Jan-15	11-Feb-15	25-Aug-14 A	04-Nov-14	93d	$21,715	$15,201
NHT4570	20 cm thick for first base course layer RHS	12d	70%	4d	10-Jan-15	26-Jan-15	25-Aug-14 A	04-Nov-14	135d	$21,715	$15,201
NHT4670	20 cm thick for second base course layer LHS	12d	70%	4d	25-Feb-15	12-Mar-15	15-Sep-14 A	04-Nov-14	35d	$21,715	$15,201
NHT4580	20 cm thick for second base course layer RHS	12d	70%	4d	11-Feb-15	25-Feb-15	15-Sep-14 A	04-Nov-14	100d	$21,715	$15,201
NHT4590	Reinf.concrete foundation and PVC conduit cable for street lighting RHS	7d	0%	7d	18-Feb-15	26-Feb-15	27-Nov-14	06-Dec-14	79d	$0	$0
Side walk an asphalt		31d		5d	15-Mar-15	31-Mar-15	28-Sep-14 A	06-Nov-14	134d	$250,476	$141,036
NHT4600	5cm asphalt binder course including prime coat	3d	70%	1d	15-Mar-15	18-Mar-15	28-Sep-14 A	01-Nov-14	106d	$102,782	$71,948
NHT4610	Construct curbstone after Saw cut the edge of asphalt binder course	7d	60%	3d	18-Mar-15	26-Mar-15	01-Oct-14 A	03-Nov-14	136d	$39,323	$25,740
NHT4620	Reinforced concrete side walks, ramps and stairs included 15 cm base course under side walk	9d	40%	5d	21-Mar-15	31-Mar-15	15-Oct-14 A	06-Nov-14	125d	$108,371	$43,348
Asphalt for SEG. A5+800 to 8+203 A & B		117d		117d	11-Feb-15	29-Mar-15	08-Nov-14	09-Apr-15	-8d	$839,751	$0
NHT4705	Milling	7d	0%	7d	11-Feb-15	19-Feb-15	08-Nov-14	17-Nov-14	93d	$39,100	$0
NHT4708	5 cm Asphalt wearing course including prime and tack coats	9d	0%	9d	18-Mar-15	29-Mar-15	30-Mar-15	09-Apr-15	-8d	$800,651	$0
Group Three Seg D		213d		61d	01-Jun-14	16-Aug-14	22-May-14 A	31-Dec-14	16d	$200,747	$13,900
SEG.D From Sta.D0+518 to Sta.D0+000 (Non-Residential area)		213d		61d	01-Jun-14	16-Aug-14	22-May-14 A	31-Dec-14	16d	$200,747	$13,900
Safety, Excavation and Concrete Works		41d		46d	01-Jun-14	20-Jul-14	22-May-14 A	31-Dec-14	10d	$32,649	$13,900
NHT3450	Maintain traffic control and safety plan ,coordination for relocation utilities and others	41d	0%	46d	01-Jun-14	20-Jul-14	22-May-14 A	31-Dec-14	10d	$0	$0
NHT3460	Excavation and R.concrete foundation supports for main pipeline	18d	40%	11d	02-Jun-14	18-Jun-14	24-May-14 A	12-Nov-14	10d	$32,649	$13,900
Pipe Installation		14d		14d	25-Jun-14	19-Jul-14	12-Nov-14	01-Dec-14	10d	$62,678	$0
NHT3470	Install 300 mm main steel pipe line and cast concrete above supports (518 Lm)	14d	0%	14d	25-Jun-14	19-Jul-14	12-Nov-14	01-Dec-14	10d	$62,678	$0
Chamber work		17d		17d	19-Jul-14	12-Aug-14	01-Dec-14	27-Dec-14	10d	$105,420	$0
NHT3480	Construct - Butterfly Valve chamber @ Sta.D0+504	8d	0%	8d	19-Jul-14	04-Aug-14	01-Dec-14	13-Dec-14	10d	$32,820	$0
NHT3490	Construct - Wash out Valve chamber @ Sta.D0+500 & D0+080	11d	0%	11d	27-Jul-14	10-Aug-14	07-Dec-14	22-Dec-14	10d	$45,000	$0
NHT3500	Construct - AR/AV Valve chamber @ Sta.D0+110 & D0+068	11d	0%	11d	02-Aug-14	12-Aug-14	09-Dec-14	27-Dec-14	10d	$27,600	$0
Testing		40d		40d	28-Jun-14	16-Aug-14	22-Nov-14	31-Dec-14	16d	$0	$0
NHT3515	Radiographic Testing (RT)	1d	0%	1d	28-Jun-14	05-Jul-14	22-Nov-14	22-Nov-14	7d	$0	$0
NHT3520	Pressure Testing	4d	0%	4d	12-Aug-14	16-Aug-14	27-Dec-14	31-Dec-14	10d	$0	$0
Detours (If any)		13d		13d	05-Oct-14	21-Oct-14	03-Dec-14	22-Dec-14	91d	$58,500	$0
NHT4710	B.C 20 cm Detours	10d	0%	10d	05-Oct-14	19-Oct-14	03-Dec-14	17-Dec-14	91d	$18,000	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
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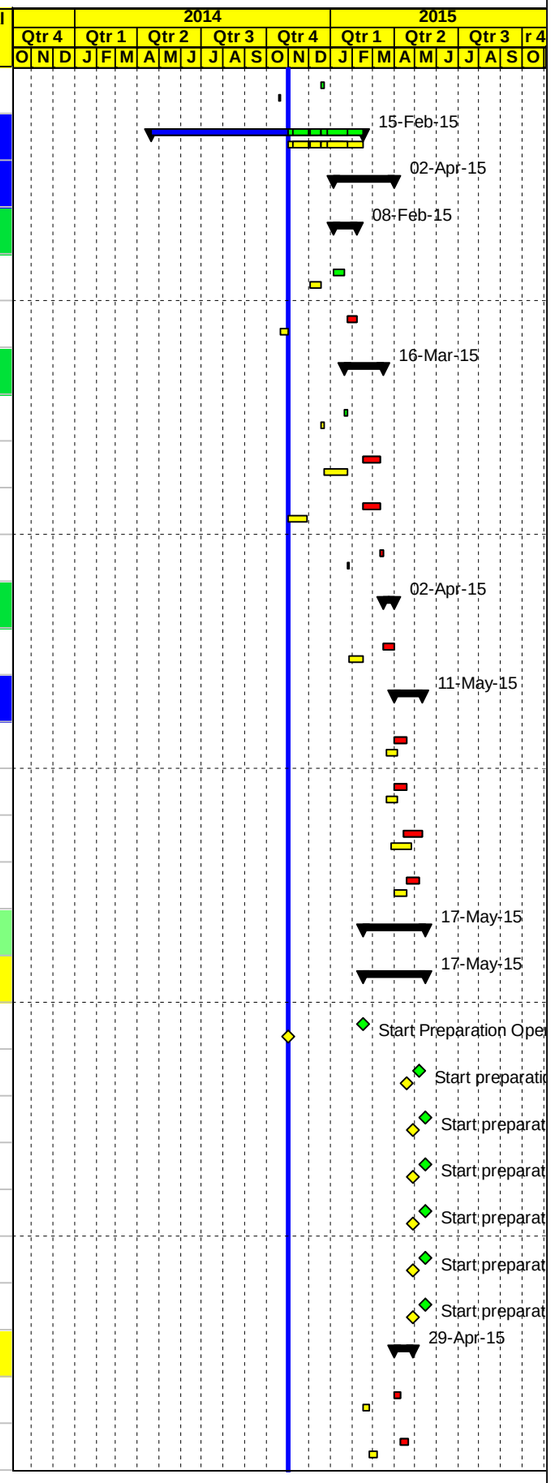
NHT4720	Wearing 5 cm Detour	3d	0%	3d	19-Oct-14	21-Oct-14	17-Dec-14	22-Dec-14	91d	$40,500	$0
Miscellaneous activities - If any as location is not determined yet		77d		79d	02-Nov-14	15-Feb-15	19-Apr-14 A	15-Feb-15	52d	$1,280,140	$48,068
Final Mechanical connection		70d		70d	22-Oct-14	16-Feb-15	05-Jan-15	02-Apr-15	-7d	$213,850	$0
Safety		24d		24d	22-Oct-14	17-Dec-14	05-Jan-15	08-Feb-15	-1d	$0	$0
NHT4818	Confined Space Safety Test Group two	11d	0%	11d	02-Dec-14	17-Dec-14	05-Jan-15	19-Jan-15	8d	$0	$0
NHT4830	Confined Space Safety Test Group one	11d	0%	11d	22-Oct-14	02-Nov-14	24-Jan-15	08-Feb-15	-1d	$0	$0
Mechanical		44d		44d	02-Nov-14	27-Jan-15	20-Jan-15	16-Mar-15	-7d	$203,850	$0
NHT4815	Nahaleen Tank future connection (200 LM)	4d	0%	4d	17-Dec-14	23-Dec-14	20-Jan-15	25-Jan-15	8d	$35,050	$0
NHT4820	Mech. Work including install valves fittings, and flushing pipes Group Two	21d	0%	21d	23-Dec-14	24-Jan-15	15-Feb-15	12-Mar-15	-7d	$168,800	$0
NHT4840	Mech. Work including install valves fittings, and flushing pipes Group one	21d	0%	21d	02-Nov-14	29-Nov-14	15-Feb-15	12-Mar-15	-7d	$0	$0
NHT4854	Connection to makarot pipeline	3d	0%	3d	24-Jan-15	27-Jan-15	12-Mar-15	16-Mar-15	-7d	$0	$0
Final Disinfection and Pressure Testing		14d		14d	28-Jan-15	16-Feb-15	17-Mar-15	02-Apr-15	-7d	$10,000	$0
NHT4850	Final Disinfection and Pressure Testing For main and dist.Pipeline	14d	0%	14d	28-Jan-15	16-Feb-15	17-Mar-15	02-Apr-15	-7d	$10,000	$0
Road Finishing work for SEG. A , B, C & E		33d		33d	21-Mar-15	26-Apr-15	01-Apr-15	11-May-15	-15d	$660,960	$0
NHT4890	Street Lighting	15d	0%	15d	21-Mar-15	07-Apr-15	01-Apr-15	20-Apr-15	-1d	$255,000	$0
NHT4910	Grouted rip rap protection	15d	0%	15d	21-Mar-15	07-Apr-15	01-Apr-15	20-Apr-15	-1d	$18,000	$0
NHT4900	Construct concrete ditch	24d	0%	24d	28-Mar-15	26-Apr-15	14-Apr-15	11-May-15	-15d	$15,660	$0
NHT4920	Guard rail,traffic signs , and Road furnishing	15d	0%	15d	01-Apr-15	19-Apr-15	20-Apr-15	06-May-15	-15d	$372,300	$0
Post Construction Phase		76d		76d	02-Nov-14	29-Apr-15	15-Feb-15	17-May-15	-15d	$110,617	$0
Post Submittals		76d		76d	02-Nov-14	29-Apr-15	15-Feb-15	17-May-15	-15d	$0	$0
NHT4922	Start Preparation Operation and Maintenance Manuals	0d	0%	0d	02-Nov-14		15-Feb-15		32d	$0	$0
NHT4925	Start preparation Warranties (to USAID)	0d	0%	0d	19-Apr-15		06-May-15		-7d	$0	$0
NHT4930	Start preparation Final Acceptance Certificate	0d	0%	0d	29-Apr-15		17-May-15		-15d	$0	$0
NHT4935	Start preparation Release of liens and waiver of debts and claims against the government	0d	0%	0d	29-Apr-15		17-May-15		-15d	$0	$0
NHT4940	Start preparation Final payment	0d	0%	0d	29-Apr-15		17-May-15		-15d	$0	$0
NHT4945	Start preparation Final Report	0d	0%	0d	29-Apr-15		17-May-15		-15d	$0	$0
NHT4955	Start preparation Clearance certificate from local entities/ Authorities involved	0d	0%	0d	29-Apr-15		17-May-15		-15d	$0	$0
Start up, Training and commissioning		22d		22d	16-Feb-15	15-Mar-15	02-Apr-15	29-Apr-15	-7d	$0	$0
NHT4965	Pre commissioning	7d	0%	7d	16-Feb-15	24-Feb-15	02-Apr-15	11-Apr-15	-7d	$0	$0
NHT5005	Commissioning	8d	0%	8d	24-Feb-15	07-Mar-15	11-Apr-15	21-Apr-15	-7d	$0	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

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CONSTRUCTION AND SERVICES

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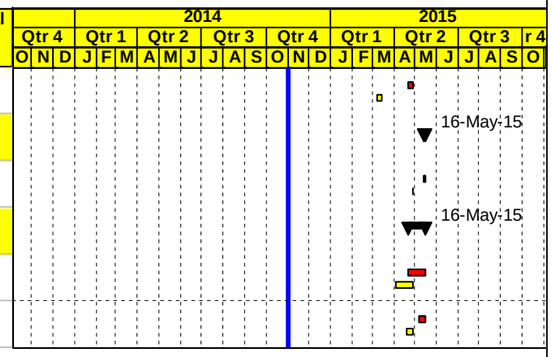
NHT5015	Training	7d	0%	7d	07-Mar-15	15-Mar-15	21-Apr-15	29-Apr-15	-7d	$0	$0
Demobilization		1d		1d	27-Apr-15	28-Apr-15	14-May-15	16-May-15	-15d	$110,617	$0
NHT4975	Start Demobilization	1d	0%	1d	27-Apr-15	28-Apr-15	14-May-15	16-May-15	-15d	$110,617	$0
Post Construction activities		21d		21d	04-Apr-15	29-Apr-15	22-Apr-15	16-May-15	-15d	$0	$0
NHT4995	Start preparation as-built drawings	21d	0%	21d	04-Apr-15	29-Apr-15	22-Apr-15	16-May-15	-15d	$0	$0
NHT4985	Walk Through & Punch List	8d	0%	8d	19-Apr-15	28-Apr-15	06-May-15	16-May-15	-15d	$0	$0



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B | One Month Look ahead

APCO/ArCon CONSTRUCTION AND SERVICES

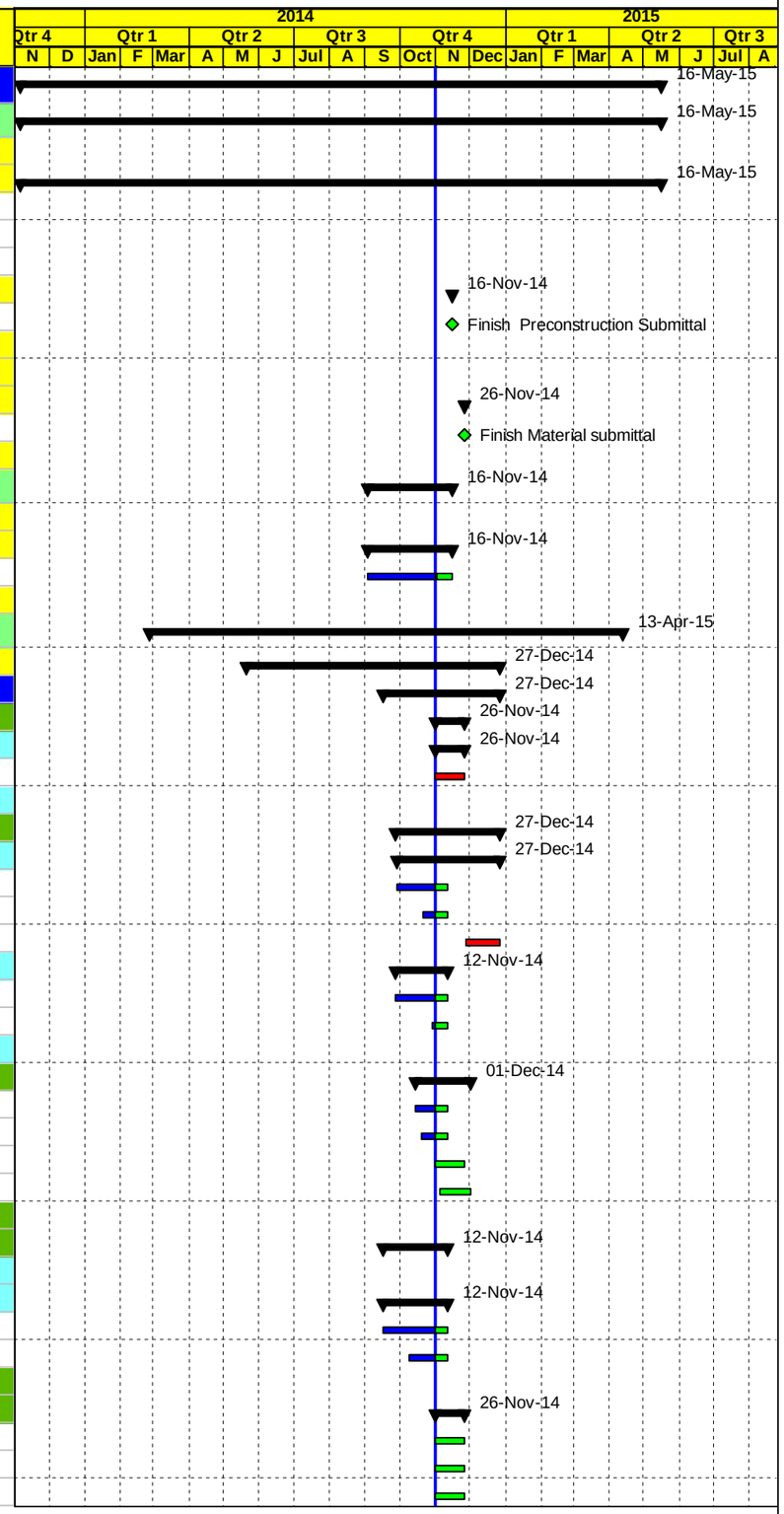
Construction Program

One Month Look Ahead

TO15

Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish
Nahaleen Main Pipeline Project		539d		06-Nov-13 A	16-May-15
Milestones		539d		06-Nov-13 A	16-May-15
General Milestones		0d			
Task order Duration		539d		06-Nov-13 A	16-May-15
NHT0020	Project Duration (Calendar Days)	539d	63.45%	06-Nov-13 A	16-May-15
NHT0030	Project Duration (Working Days)	445d	65.39%	06-Nov-13 A	16-May-15
NHT0040	Construction Duration (Working Days)	326d	55.26%	26-Feb-14 A	06-May-15
Pre Construction Milestones		0d		16-Nov-14	16-Nov-14
NHT0060	Finish Preconstruction Submittal	0d	0%		16-Nov-14
Mobilization Milestones		0d			
Shop Drawing Milestones		0d			
Material Milestones		0d		26-Nov-14	26-Nov-14
NHT0120	Finish Material submittal	0d	0%		26-Nov-14
Construction Milestones		0d			
Pre Construction Phase		29d		04-Sep-14 A	16-Nov-14
Conformed Drawings and Coordination		0d			
Pre Construction Submittals		21d		04-Sep-14 A	16-Nov-14
NHT2020-NEW	pressure test, disinfection and chlorine plan for water pipelines	21d	50%	04-Sep-14 A	16-Nov-14
Mobilization		0d			
Construction Phase		410d		26-Feb-14 A	13-Apr-15
Construction Submittals		255d		21-May-14 A	27-Dec-14
Shop Drawing Submittals		134d		17-Sep-14 A	27-Dec-14
Plan Profile and Cross Sections		26d		01-Nov-14	26-Nov-14
Plan Profile and Cross Sections for Group One		21d		01-Nov-14	26-Nov-14
NHT0620	Seg.C From sta.C0+000 to C0+330	21d	0%	01-Nov-14	26-Nov-14
Plan Profile and Cross Sections for Group Two		0d			
Waterline		134d		28-Sep-14 A	27-Dec-14
Waterline for Group One		104d		29-Sep-14 A	27-Dec-14
NHT0755-new	Water: From Sta.-0+038 To Sta.1+400-Segment E	21d	50%	29-Sep-14 A	12-Nov-14
NHT0735	150 mm Dia. Waterline for Battir distribution pipe from Sta.0+000 to Sta.1+040	21d	50%	21-Oct-14 A	12-Nov-14
NHT0725	200 mm & 100 mm Dia. waterline SEG.C from sta. 0+00 to st. C0+330	21d	0%	27-Nov-14	27-Dec-14
Waterline for Group Two		53d		28-Sep-14 A	12-Nov-14
NHT0745	200 mm, 150 mm & 100 mm Dia. Waterline Seg. A From Sta.A5+700 to Sta. 7+000	21d	50%	28-Sep-14 A	12-Nov-14
NHT0755	Waterline Seg. A From Sta.7+000 to Sta.7+425-Segment A	21d	50%	29-Oct-14 A	11-Nov-14
Waterline for Group Three		0d			
Valves (Mechanical and Civil Chambers)		40d		15-Oct-14 A	01-Dec-14
NHT0815	Flow monitoring chamber @ sta. A5+365	21d	50%	15-Oct-14 A	12-Nov-14
NHT0840-new	Structural & Mechanical Detail For Flow Chambers Typical Section (G.V, Washout,ARV)	21d	50%	20-Oct-14 A	11-Nov-14
NHT0835	Wadi Fukin connection chamber @sta. B0+957	21d	0%	01-Nov-14	26-Nov-14
NHT0830	Battir Connection chamber @ Sta.A7+410	21d	0%	04-Nov-14	01-Dec-14
Concrete walls		0d			
Pipe and Box Culverts		46d		17-Sep-14 A	12-Nov-14
Pipe and Box Culverts for Group One		0d			
Pipe and Box Culverts for Group Two		40d		17-Sep-14 A	12-Nov-14
NHT1030	Dia.800 mm of pipe culvert @ Sta.A6+197	21d	50%	17-Sep-14 A	12-Nov-14
NHT1040	Storm concrete drainage system SEG.A From sta. A5+800 to A6+040	21d	50%	09-Oct-14 A	12-Nov-14
Stone Walls		0d			
Concrete curbstone and side walk		21d		01-Nov-14	26-Nov-14
NHT1110	SEG.A From Sta.A5+800 to Sta. 7+460	21d	0%	01-Nov-14	26-Nov-14
NHT1100	SEG.E From Sta. E0+000 to Sta.E1+276	21d	0%	01-Nov-14	26-Nov-14
NHT1090	SEG.B From Sta. B0+000 to Sta. B0+985	21d	0%	01-Nov-14	26-Nov-14



Actual Work | Early Bar | Critical Bar | Milestone | Summary

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Construction Program

One Month Look Ahead

TO15

Nahaleen Main Pipeline Project

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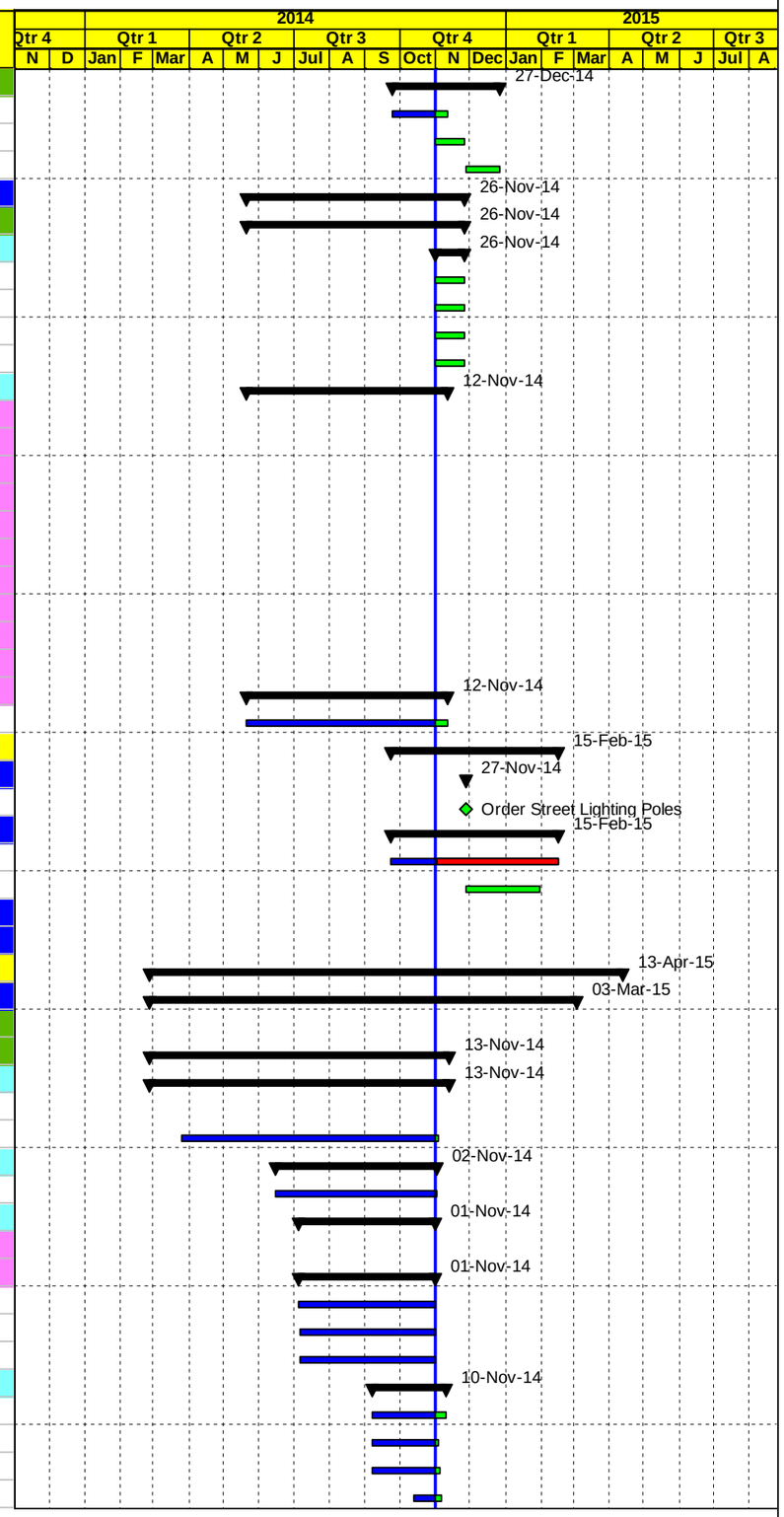
Others		49d		25-Sep-14 A	27-Dec-14
NHT1130	CONC.Ditch Plan From Sta.0+120 to Sta.0+480 & From Sta.3+320 to Sta.3+850	21d	50%	25-Sep-14 A	12-Nov-14
NHT1120	Street Lighting SEG.A from A5+800 TO 7+460 & B0+00 to B0+980	21d	0%	01-Nov-14	26-Nov-14
NHT1140	Road furnishing/Guard Rail	21d	0%	27-Nov-14	27-Dec-14
Material Submittals		179d		21-May-14 A	26-Nov-14
Material Submittals including Manufacturers Qualifications , Shop Test, Product Data		179d		21-May-14 A	26-Nov-14
Material Submittals Roads		21d		01-Nov-14	26-Nov-14
NHT1330	Street Lighting including poles	21d	0%	01-Nov-14	26-Nov-14
NHT1340	Interlocking Blocks	21d	0%	01-Nov-14	26-Nov-14
NHT1410	Lighting control	21d	0%	01-Nov-14	26-Nov-14
NHT1323	Geocell	21d	0%	01-Nov-14	26-Nov-14
Material Submittals Pipelines including Hydraulic calculation and wiring diagrams, labeling schedule		19d		21-May-14 A	12-Nov-14
Pipes		0d			
Fittings		0d			
Gate Valves		0d			
Butterfly valves		0d			
Washout valve		0d			
Air relief valves and Pressure reducing valve		0d			
Water meters		0d			
Manholes and chambers		0d			
Control Valves		0d			
House Connection		0d			
Others		21d		21-May-14 A	12-Nov-14
NHT2000-NEW	Paint as second coat to be sparyed over factory EPOXY coating to protect pipe against UV Rays- -Segment D	21d	50%	21-May-14 A	12-Nov-14
Procurements		122d		24-Sep-14 A	15-Feb-15
Order		0d		27-Nov-14	27-Nov-14
NHT2020	Order Street Lighting Poles	0d	0%	27-Nov-14	
Manufacturing		93d		24-Sep-14 A	15-Feb-15
NHT2040	Valves and other related materials	89d	5%	24-Sep-14 A	15-Feb-15
NHT2050	Street Lighting Poles	50d	0%	27-Nov-14	30-Jan-15
Delivery		0d			
Testing		0d			
Construction Work		410d		26-Feb-14 A	13-Apr-15
Group One from Sta.A0+000 to Sta.A3+320 Seg. C , E,Hussan & Battir Distribution pipes		373d		26-Feb-14 A	03-Mar-15
Implementation traffic control and safety plan		0d			
SEG.A From Sta.A0+000 to Sta.A1+440		263d		26-Feb-14 A	13-Nov-14
Safety and Excavation		145d		26-Feb-14 A	13-Nov-14
NHT2510	Maintain traffic control and safety plan ,coordination for relocation utilities and others	145d	92.07%	26-Feb-14 A	13-Nov-14
NHT2540	Excavation (Cut/ Fill) From Sta. A0+720 To A1+440	27d	90%	26-Mar-14 A	03-Nov-14
Retaining wall and Box Culvert		30d		15-Jun-14 A	02-Nov-14
NHT2670	Construct Pipe culvert @Sta. A1+356 and Retaining Wall from Sta.1+260 to Sta.1+400 LHS	30d	95%	15-Jun-14 A	02-Nov-14
Pipe Installation		5d		06-Jul-14 A	01-Nov-14
300 mm main pipeline		0d			
300 mm main pipeline with 75 mm dist. Pipe		5d		06-Jul-14 A	01-Nov-14
NHT2680	Trench excavation for 300mm main pipeline with 75 mm dist. Pipe from sta. A1+080 TO A1+440 length approx. (	4d	90%	06-Jul-14 A	01-Nov-14
NHT2682	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (360 LM)	4d	90%	07-Jul-14 A	01-Nov-14
NHT2685	Backfill the pipe trench with (single size aggregate) to the required level (360 LM)	4d	90%	07-Jul-14 A	01-Nov-14
Chamber work		29d		07-Sep-14 A	10-Nov-14
NHT2730	Construct - AR/AV Valve chamber @ Sta. A0+719, A1+108 and A1+213	17d	50%	07-Sep-14 A	10-Nov-14
NHT2740	Construct - Butterfly Valve chamber @ Sta.A1+084	8d	70%	07-Sep-14 A	03-Nov-14
NHT2750	Construct -300 mm flow monitoring chamber @ Sta.A0+720	12d	70%	07-Sep-14 A	04-Nov-14
NHT2720	Construct - Wash out Valve chamber @ Sta. A0+624 .A0+911& &A1+340	17d	70%	13-Oct-14 A	06-Nov-14



Actual Work | Early Bar | Critical Bar | Milestone | Summary

Date	Revision	Checked	Approved
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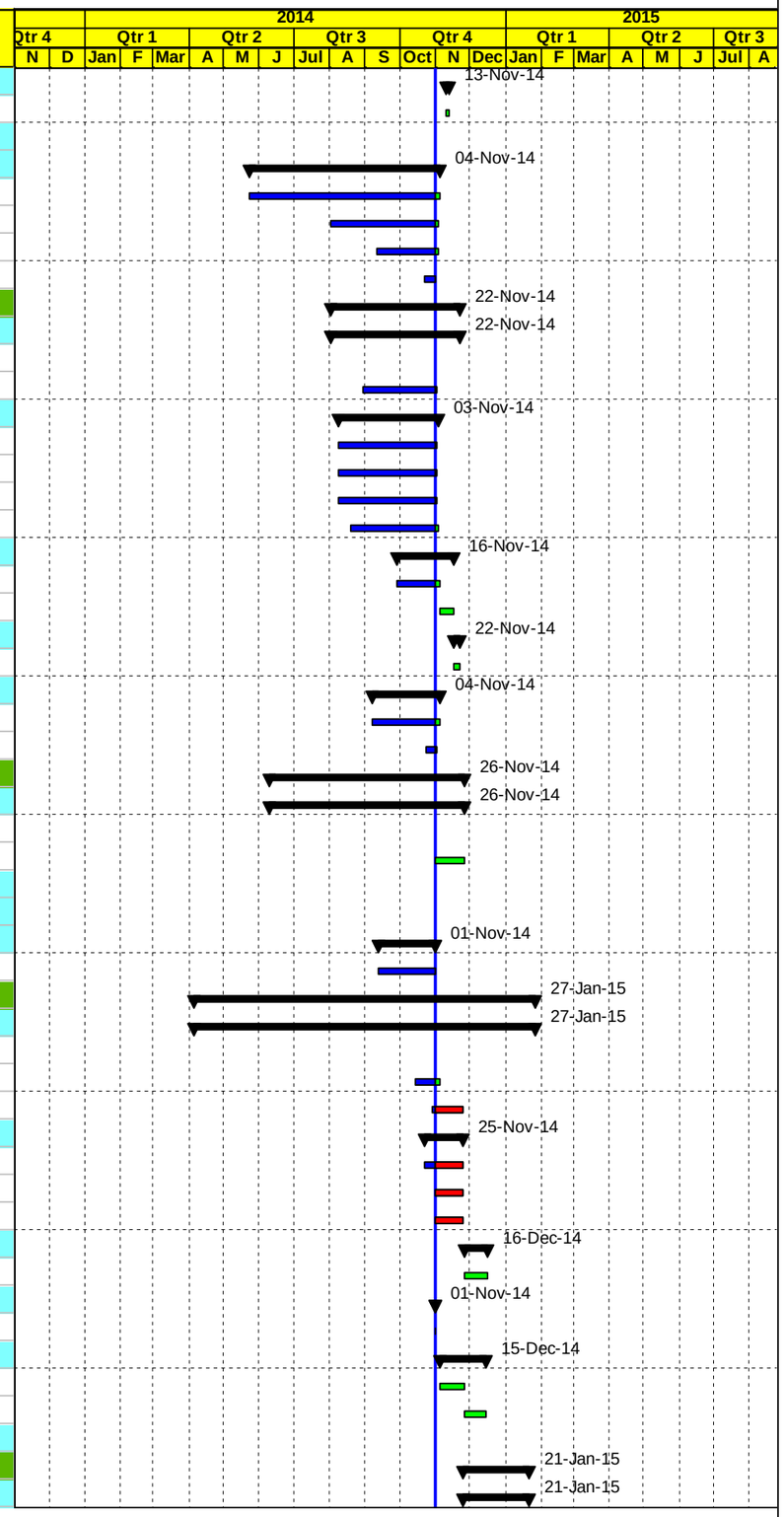
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish
Testing		3d		10-Nov-14	13-Nov-14
NHT2760	Pressure Testing	3d	0%	10-Nov-14	13-Nov-14
Base course and Asphalt From Sta. A0+000 To A0+720		0d			
Base course ,Stone Wall and Asphalt From Sta. A0+720 To A1+440		110d		24-May-14 A	04-Nov-14
NHT2804	Construct stone walls from sta.A0+500 to A1+340	20d	80%	24-May-14 A	04-Nov-14
NHT2802	20 cm thick for first base course layer	17d	80%	02-Aug-14 A	04-Nov-14
NHT2805	20 cm thick for second base course layer	17d	80%	11-Sep-14 A	04-Nov-14
NHT2809	7cm Asphalt wearing course including prime coat	3d	80%	23-Oct-14 A	01-Nov-14
SEG.A From Sta.A1+440- A2+260		89d		02-Aug-14 A	22-Nov-14
Safety and Excavation		58d		02-Aug-14 A	22-Nov-14
NHT2810	Maintain traffic control and safety plan with coordination	58d	70.94%	02-Aug-14 A	22-Nov-14
NHT2820	Excavation for reconstruction road including subgrade and backfilling if required	8d	80%	31-Aug-14 A	02-Nov-14
Pipe Installation 75 mm dist. pipe		24d		09-Aug-14 A	03-Nov-14
NHT2830	Trench excavation for 75 mm dist. Pipe from A1+440 to sta. A2+260 length approx. (820 LM)	10d	80%	09-Aug-14 A	02-Nov-14
NHT2840	Bedding (crushed stone) and install distribution Steel pipes with welding inspection(820 LM)	10d	80%	09-Aug-14 A	02-Nov-14
NHT2850	Backfill the pipe trench with (single size aggregate) to the required level (820 LM)	10d	80%	09-Aug-14 A	02-Nov-14
NHT2854	House connection	14d	80%	20-Aug-14 A	03-Nov-14
Chamber work		24d		29-Sep-14 A	16-Nov-14
NHT2860	Construct - AR/AV Valve chamber @ A1+457, Sta. A1+727 &,A1+820,.	16d	70%	29-Sep-14 A	05-Nov-14
NHT2870	Construct - Wash out Valve chamber @ Sta.A1+503 & Sta.A2+222,	8d	0%	05-Nov-14	16-Nov-14
Testing		4d		16-Nov-14	22-Nov-14
NHT2880	Pressure Testing	4d	0%	16-Nov-14	22-Nov-14
Base course and Asphalt		16d		08-Sep-14 A	04-Nov-14
NHT2890	20 cm thick for base course layer	12d	70%	08-Sep-14 A	04-Nov-14
NHT2930	5cm asphalt wearing course including prime coat	3d	60%	24-Oct-14 A	02-Nov-14
SEG.A From Sta A2+260.to Sta. A3+320		169d		10-Jun-14 A	26-Nov-14
Safety, Excavation		149d		10-Jun-14 A	26-Nov-14
NHT2940	Maintain traffic control and safety plan with coordination	118d	82.24%	10-Jun-14 A	26-Nov-14
NHT3600	Pipe Culvert at Sta.3+281.3-Segment A	21d	0%	01-Nov-14	26-Nov-14
Pipe Installation 50 mm dist. Pipe		0d			
Testing		0d			
Base course and Asphalt		2d		13-Sep-14 A	01-Nov-14
NHT3055	5 cm asphalt wearing course including prime coat	2d	90%	13-Sep-14 A	01-Nov-14
SEG.E From Sta. E0+000 to Sta.E1+276		246d		05-Apr-14 A	27-Jan-15
Safety, Excavation		239d		05-Apr-14 A	27-Jan-15
NHT3180	Maintain traffic control and safety plan ,coordination for relocation utilities and others	214d	70%	05-Apr-14 A	27-Jan-15
NHT3259-new	One Side Shuter Wall and Boundary Wall E0+500 to E0+600 LHS	21d	80%	15-Oct-14 A	05-Nov-14
NHT3190	Excavation for reconstruction road including subgrade and backfilling if required	21d	10%	29-Oct-14 A	24-Nov-14
Pipe Installation		34d		23-Oct-14 A	25-Nov-14
NHT3140	Trench excavation for 300 mm main pipeline (1276 lm)	20d	5%	23-Oct-14 A	24-Nov-14
NHT3150	Bedding (crushed stone) and install Steel pipes with welding inspection	20d	0%	01-Nov-14	25-Nov-14
NHT3160	Backfill the pipe trench with (single size aggregate) to the required level	20d	0%	01-Nov-14	25-Nov-14
chambers		16d		26-Nov-14	16-Dec-14
NHT3035	Construct - AR/AV Valve chamber	16d	0%	26-Nov-14	16-Dec-14
Testing		1d		01-Nov-14	01-Nov-14
NHT3125	Radiographic Testing (RT)	1d	0%	01-Nov-14	01-Nov-14
Base course		30d		05-Nov-14	15-Dec-14
NHT3220	20 cm thick for first base course layer E0+000 to Sta.E0+650	16d	0%	05-Nov-14	26-Nov-14
NHT3270	20 cm thick for first base course layer From Sta. E0+650 to Sta.E1+276	14d	0%	26-Nov-14	15-Dec-14
Curbstone and Asphalt		0d			
Hussan Distribution pipes		58d		24-Nov-14	21-Jan-15
Safety and Pipe Installation		42d		24-Nov-14	21-Jan-15



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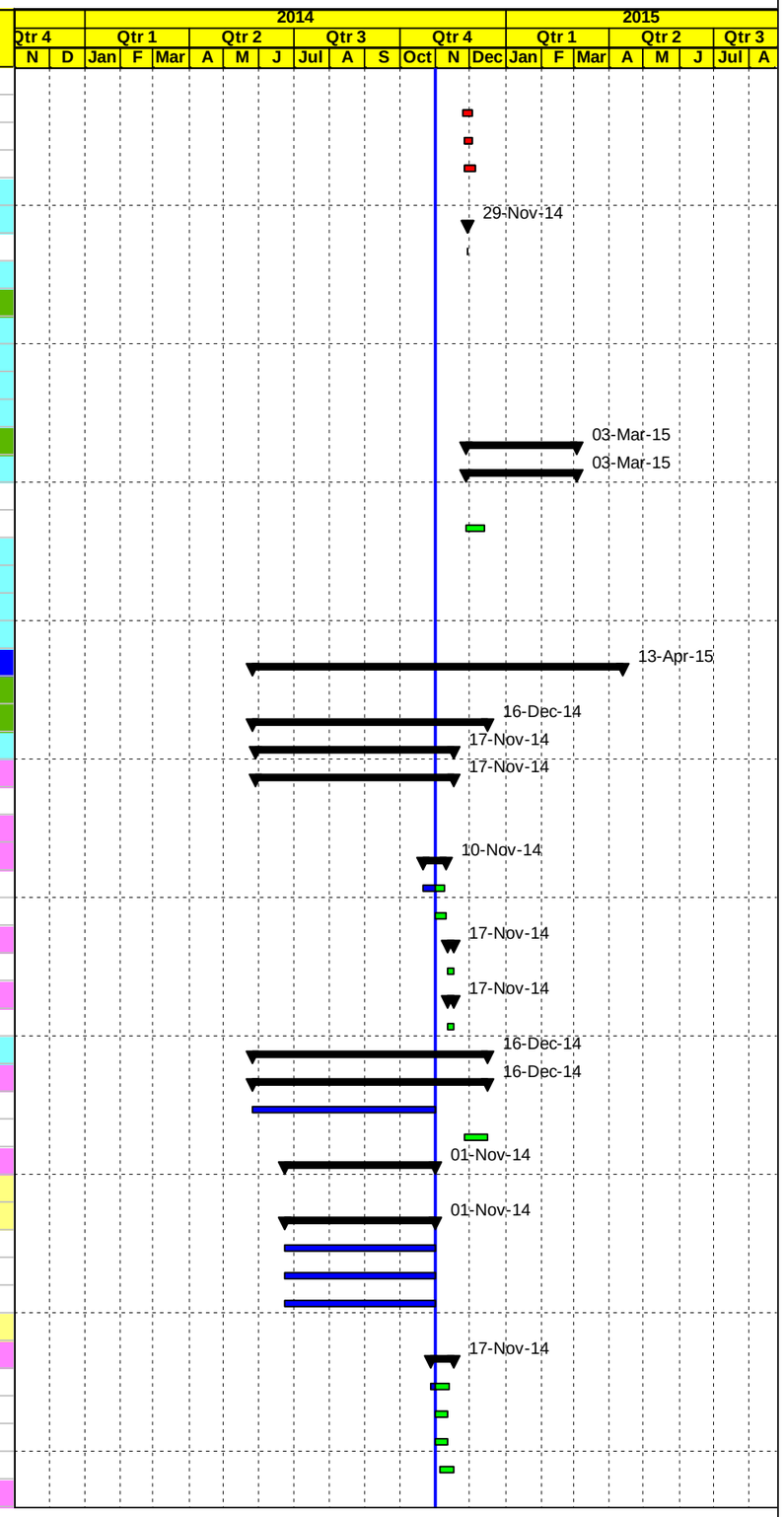
Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish
NHT3310	Maintain traffic control and safety plan ,coordination for relocation utilities and others	42d	0%	24-Nov-14	21-Jan-15
NHT3320	Trench excavation for 100mm main pipeline at Hussan village length approx. (430 LM)	7d	0%	25-Nov-14	02-Dec-14
NHT3330	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (430 LM)	7d	0%	26-Nov-14	03-Dec-14
NHT3340	Backfill the pipe trench with (single size aggregate) to the required level	7d	0%	26-Nov-14	06-Dec-14
Chamber work		0d			
Testing		1d		29-Nov-14	29-Nov-14
NHT3354	Radiographic Testing (RT)	1d	0%	29-Nov-14	29-Nov-14
Asphalt		0d			
Battir Distribution pipes		0d			
Safety and Pipe Installation		0d			
Chamber work		0d			
Testing		0d			
Asphalt		0d			
SEG.C From St.C0+000 -St.C0+330		97d		27-Nov-14	03-Mar-15
Safety and Excavation		72d		27-Nov-14	03-Mar-15
NHT3060	Maintain traffic control and safety plan with coordination	72d	0%	27-Nov-14	03-Mar-15
NHT3070	Excavation for reconstruction road including subgrade and backfilling if required	12d	0%	27-Nov-14	13-Dec-14
Pipe Installation		0d			
Chamber work		0d			
Testing		0d			
Base course and Asphalt		0d			
Group Two SEG.A Road From Sta. 3+320 to Sta. A8+203 and Seg. B		317d		26-May-14 A	13-Apr-15
Implementation traffic control and safety plan		0d			
SEG.A From Sta.A3+320 to Sta.A5+800		203d		26-May-14 A	16-Dec-14
SEG.A From Sta.A3+320 to Sta.A3+850		166d		29-May-14 A	17-Nov-14
Safety, Excavation, Culvert , concrete channel and Basecourse		70d		29-May-14 A	17-Nov-14
NHT3580	Maintain traffic control and safety plan ,coordination for relocation utilities and others	70d	80%	29-May-14 A	17-Nov-14
Pipe Installation		0d			
Chamber work		37d		21-Oct-14 A	10-Nov-14
NHT3650	Construct - Wash out Valve chamber @ Sta.3+612, 3+811	15d	50%	21-Oct-14 A	09-Nov-14
NHT3660	Construct - AR/AV Valve chamber @ Sta.A3+721	9d	0%	01-Nov-14	10-Nov-14
Testing		4d		11-Nov-14	17-Nov-14
NHT3680	Pressure Testing	4d	0%	11-Nov-14	17-Nov-14
Base course and Stone Wall		5d		11-Nov-14	17-Nov-14
NHT3700	Construct - stone wall l from Sta.A3+360 to sta. A3+370 RHS	5d	0%	11-Nov-14	17-Nov-14
SEG.A From Sta.A3+850 to Sta.A5+800		203d		26-May-14 A	16-Dec-14
Safety, Excavation and Concrete Works		179d		26-May-14 A	16-Dec-14
NHT3715	Saw Cut to Edge of Existing Asphalt and Excavation	18d	95%	26-May-14 A	01-Nov-14
NHT3720	Construct - Dia.1000 mm of double pipe culvert @ Sta.A5+469	15d	0%	26-Nov-14	16-Dec-14
Pipe Installation		28d		23-Jun-14 A	01-Nov-14
250 mm main pipeline		0d			
250 mm main pipeline with 50 mm dist. Pipe		15d		23-Jun-14 A	01-Nov-14
NHT3760	Trench excavation for 250mm main pipeline with 50 mm dist. Pipe from sta.A5+170 to A5+800 length approx. (630	15d	95%	23-Jun-14 A	01-Nov-14
NHT3763	Bedding (crushed stone) and install the above main and distribution Steel pipe with welding inspection (630 LM)	15d	95%	24-Jun-14 A	01-Nov-14
NHT3766	Backfill the pipe trench with (single size aggregate) to the required level (630 LM)	15d	95%	24-Jun-14 A	01-Nov-14
House connection		0d			
Chamber work		16d		28-Oct-14 A	17-Nov-14
NHT3810	Construct -250mm flow monitoring chamber @ Sta.A5+725	13d	10%	28-Oct-14 A	13-Nov-14
NHT3790	Construct - Wash out Valve chamber @ 5+590 & 4+092	10d	0%	01-Nov-14	11-Nov-14
NHT3670	Construct - Butterfly Valve chamber @ Sta.A4+088	9d	0%	01-Nov-14	11-Nov-14
NHT3800	Construct - Butterfly Valve chamber @ A5+587	10d	0%	05-Nov-14	17-Nov-14
Testing		0d			



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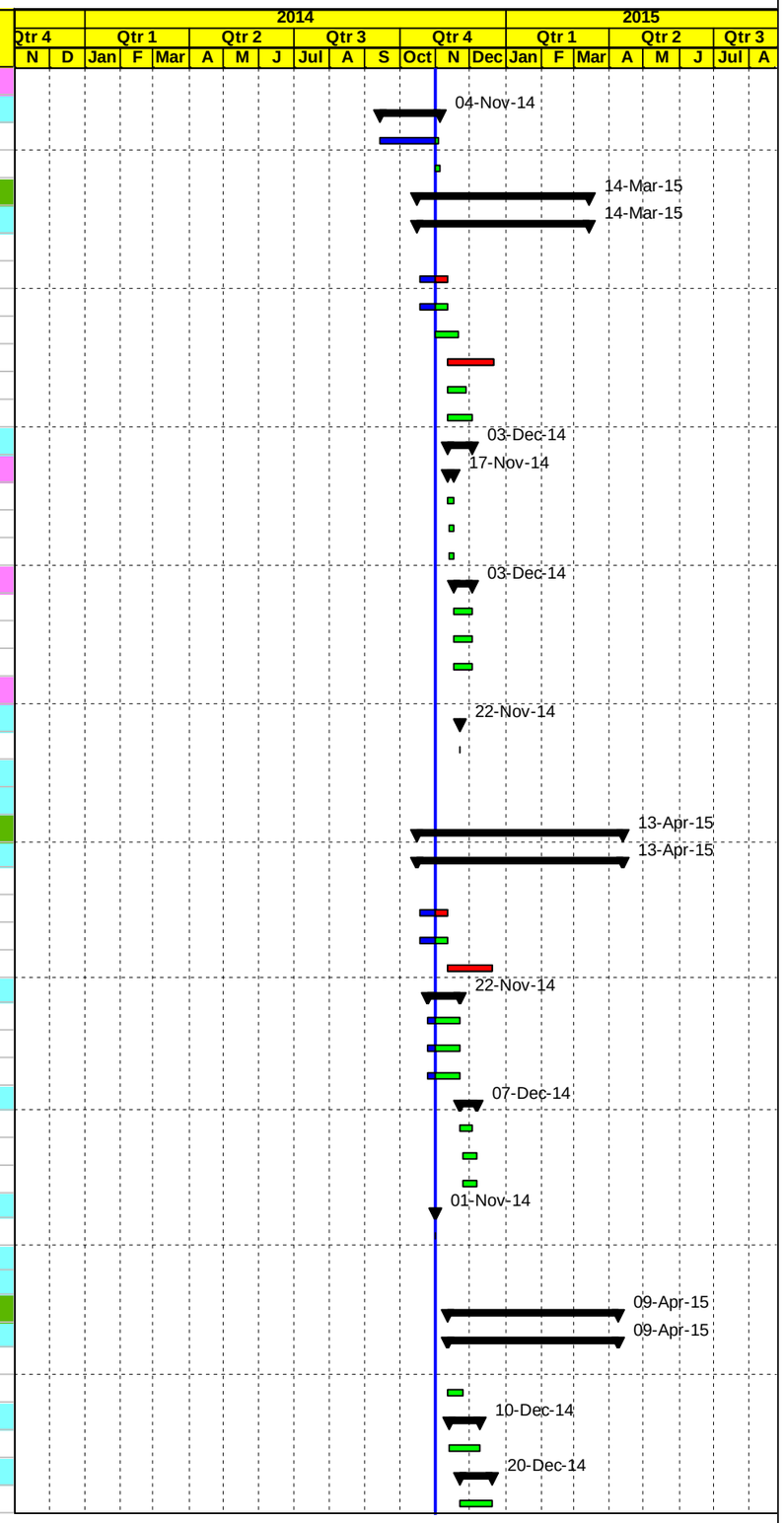
Base course		0d			
SEG.A From Sta.A3+320 to Sta.A5+800 RHS & LHS (Asphalt -work)		18d		14-Sep-14 A	04-Nov-14
NHT3850	7 cm Asphalt wearing layer for road widening & 5cm overlay asphalt above milling road area including prime& tack	5d	50%	14-Sep-14 A	03-Nov-14
NHT3840	Asphalt milling for the existing road	4d	0%	01-Nov-14	04-Nov-14
SEG.A From Sta.A5+800 to Sta. 6+630 RHS & LHS		120d		15-Oct-14 A	14-Mar-15
Safety, Excavation, Pipe Culvert and storm system		120d		15-Oct-14 A	14-Mar-15
NHT3860	Maintain traffic control and safety plan ,coordination for relocation utilities and others	89d	30%	15-Oct-14 A	14-Mar-15
NHT4180	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work LHS	13d	30%	19-Oct-14 A	11-Nov-14
NHT3870	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work RHS	13d	30%	19-Oct-14 A	11-Nov-14
NHT3870-new	Retaining Wall	21d	0%	01-Nov-14	21-Nov-14
NHT3890	Construct 600 &400 mm precast concrete pipe for storm sytem with manholes &catch basin from st. A5+800 to A6+	30d	0%	11-Nov-14	22-Dec-14
NHT3880	Construct -Dia.800 mm of precast pipe culvert @ Sta.A6+198	12d	0%	11-Nov-14	27-Nov-14
NHT3725	Storm concrete drainage system SEG.A From sta. A5+800 to A6+040	16d	0%	12-Nov-14	03-Dec-14
Pipe Installation		21d		12-Nov-14	03-Dec-14
200 mm main pipeline with 100 mm dist. Pipe		3d		12-Nov-14	17-Nov-14
NHT3900	Trench excavation for 200mm main pipeline with 100 mm dist. Pipe from A5+800 to sta.A5+840 length approx. (4	3d	0%	12-Nov-14	17-Nov-14
NHT3905	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (40 LM) RH	3d	0%	12-Nov-14	17-Nov-14
NHT3908	Backfill the pipe trench with (single size aggregate) to the required level (40 LM) RHS	3d	0%	12-Nov-14	17-Nov-14
200 mm main pipeline with 150 mm dist. Pipe		13d		17-Nov-14	03-Dec-14
NHT3910	Trench excavation for 200mm main pipeline with 150 mm dist. Pipe from A5+840 to sta.A6+630 length (790 LM)	13d	0%	17-Nov-14	03-Dec-14
NHT3920	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (790 LM) RH	13d	0%	17-Nov-14	03-Dec-14
NHT3930	Backfill the pipe trench with (single size aggregate) to the required level (790 LM) RHS	13d	0%	17-Nov-14	03-Dec-14
House connection		0d			
Testing		1d		22-Nov-14	22-Nov-14
NHT3937	Radiographic Testing (RT)	1d	0%	22-Nov-14	22-Nov-14
Base course		0d			
Side walk and asphalt		0d			
SEG.A From Sta.A6+630 to Sta. 7+460 RHS &LHS		153d		16-Oct-14 A	13-Apr-15
Safety, Excavation and storm system		120d		16-Oct-14 A	13-Apr-15
NHT4010	Maintain traffic control and safety plan ,coordination for relocation utilities and others	118d	30%	16-Oct-14 A	13-Apr-15
NHT4280	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work LHS	13d	30%	19-Oct-14 A	11-Nov-14
NHT4020	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work RHS	13d	30%	19-Oct-14 A	11-Nov-14
NHT4030	Construct 600&400 mm precast concrete pipe for storm sytem with manholes & catch basin from st. A6+630 to A7+	28d	0%	11-Nov-14	20-Dec-14
Pipe Installation		21d		26-Oct-14 A	22-Nov-14
NHT4040	Trench excavation for 200mm main pipeline with 150 mm dist. Pipe from A6+630 to sta.A7+406.6 length (777 LM	21d	20%	26-Oct-14 A	22-Nov-14
NHT4050	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (777 LM) R	21d	20%	26-Oct-14 A	22-Nov-14
NHT4060	Backfill the pipe trench with (single size aggregate) to the required level RHS	21d	20%	26-Oct-14 A	22-Nov-14
Chamber work		12d		22-Nov-14	07-Dec-14
NHT4070	Construct - AR/AV Valve chamber @ Sta.A7+046	9d	0%	22-Nov-14	02-Dec-14
NHT4080	Construct -200 Gate Valve chamber @ Sta.A7+085	9d	0%	24-Nov-14	06-Dec-14
NHT4090	Construct - Wash out Valve chamber @ Sta.A7+187	9d	0%	25-Nov-14	07-Dec-14
Testing		1d		01-Nov-14	01-Nov-14
NHT4095	Radiographic Testing (RT)	1d	0%	01-Nov-14	01-Nov-14
Base course , street lighting		0d			
Side walk andasphalt		0d			
SEG.A Road From Sta. 7+460 to Sta. A8+203		150d		11-Nov-14	09-Apr-15
Safety and Excavation		115d		11-Nov-14	09-Apr-15
NHT4390	Maintain traffic control and safety plan ,coordination for relocation utilities and others	115d	0%	11-Nov-14	09-Apr-15
NHT4400	Excavation for reconstruction road including subgrade and backfilling if required	10d	0%	11-Nov-14	25-Nov-14
Pipe Installation		20d		13-Nov-14	10-Dec-14
NHT4410	Trench Excavation, bedding, install & backfill for 50mm pipes (7+400 to 8+100) (700 LM)	20d	0%	13-Nov-14	10-Dec-14
Chamber Work		21d		22-Nov-14	20-Dec-14
NHT4420	Gate Valves	21d	0%	22-Nov-14	20-Dec-14



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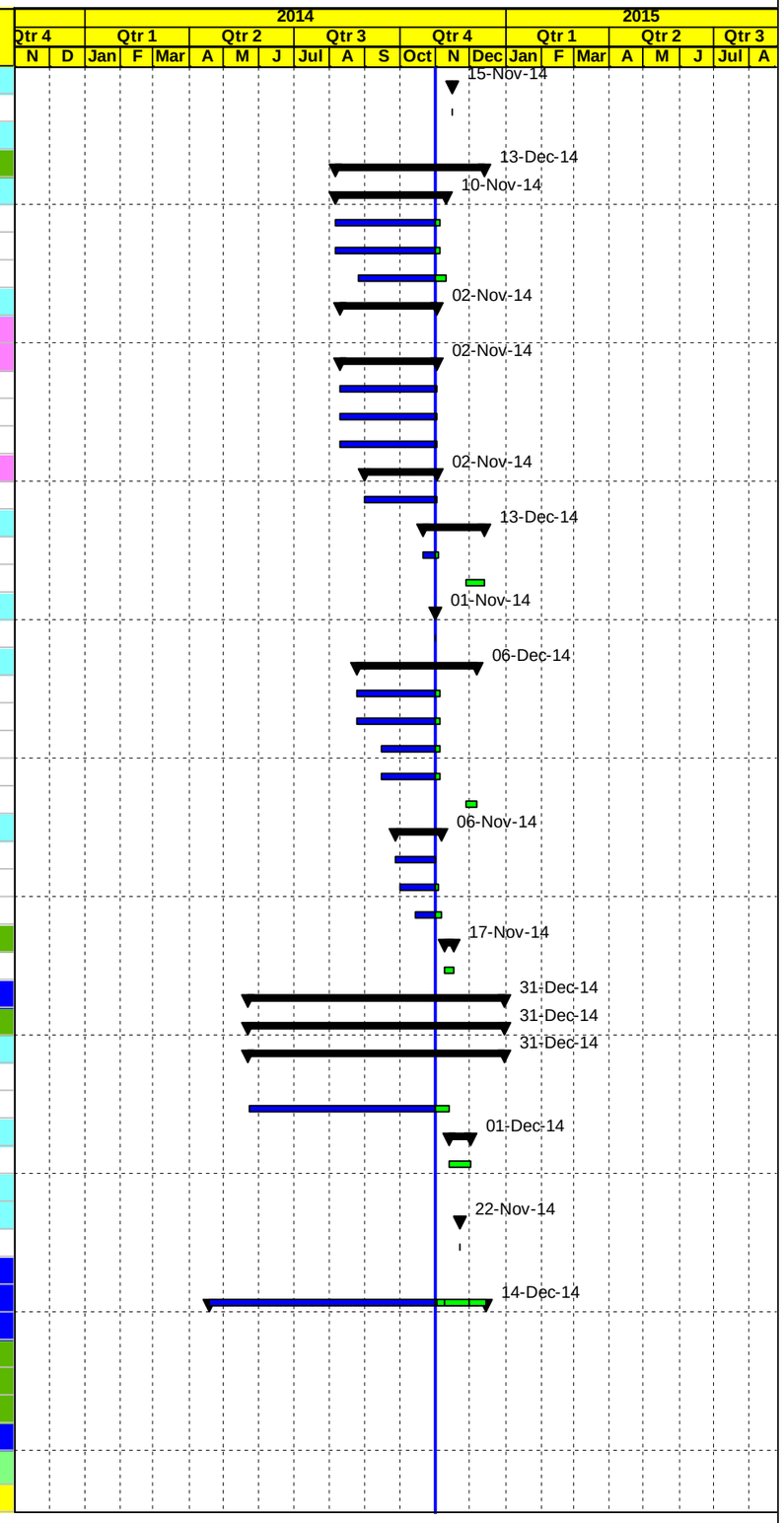
Testing		1d		15-Nov-14	15-Nov-14
NHT4425	Radiographic Testing (RT)	1d	0%	15-Nov-14	15-Nov-14
Base course and Asphalt		0d			
SEG.B From Sta. B0+000 to Sta. B0+985 RHS & LHS		104d		07-Aug-14 A	13-Dec-14
Safety, Excavation and Storm system		28d		07-Aug-14 A	10-Nov-14
NHT4640	Excavation for reconstruction road including subgrade work LHS	9d	60%	07-Aug-14 A	04-Nov-14
NHT4480	Excavation for reconstruction road including subgrade work RHS	10d	60%	07-Aug-14 A	04-Nov-14
NHT4490	Construct 600 &400 mm concrete pipe for storm sytem with manholes & catch basin from B0+110 to B0+230 - & B0	28d	70%	26-Aug-14 A	10-Nov-14
Pipe Installation		65d		11-Aug-14 A	02-Nov-14
100 mm main pipeline from		0d			
100 mm main pipeline with 100 mm dist. Pipe		13d		11-Aug-14 A	02-Nov-14
NHT4520	Trench excavation for 100mm main pipeline with 100 mm dist. Pipe from B0+100 to sta. B0+985 with length. (885	13d	90%	11-Aug-14 A	02-Nov-14
NHT4530	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (885 LM) RH	13d	90%	11-Aug-14 A	02-Nov-14
NHT4540	Backfill the pipe trench with (single size aggregate) to the required level RHS	13d	90%	11-Aug-14 A	02-Nov-14
House connection		14d		01-Sep-14 A	02-Nov-14
NHT4545	House connection	14d	90%	01-Sep-14 A	02-Nov-14
Chamber work		74d		21-Oct-14 A	13-Dec-14
NHT4630	BFV Chamber @ 0+010	12d	70%	21-Oct-14 A	04-Nov-14
NHT4550	Construct -Wadi Fukin Connection chamber @ Sta.B0+957	12d	0%	27-Nov-14	13-Dec-14
Testing		1d		01-Nov-14	01-Nov-14
NHT4555	Radiographic Testing (RT)	1d	0%	01-Nov-14	01-Nov-14
Base course , street lighting ,		49d		25-Aug-14 A	06-Dec-14
NHT4660	20 cm thick for first base course layer LHS	12d	70%	25-Aug-14 A	04-Nov-14
NHT4570	20 cm thick for first base course layer RHS	12d	70%	25-Aug-14 A	04-Nov-14
NHT4670	20 cm thick for second base course layer LHS	12d	70%	15-Sep-14 A	04-Nov-14
NHT4580	20 cm thick for second base course layer RHS	12d	70%	15-Sep-14 A	04-Nov-14
NHT4590	Reinf.concrete foundation and PVC conduit cable for street lighting RHS	7d	0%	27-Nov-14	06-Dec-14
Side walk an asphalt		31d		28-Sep-14 A	06-Nov-14
NHT4600	5cm asphalt binder course including prime coat	3d	70%	28-Sep-14 A	01-Nov-14
NHT4610	Construct curbstone after Saw cut the edge of asphalt binder course	7d	60%	01-Oct-14 A	03-Nov-14
NHT4620	Reinforced concrete side walks, ramps and stairs included 15 cm base course under side walk	9d	40%	15-Oct-14 A	06-Nov-14
Asphalt for SEG. A5+800 to 8+203 A & B		7d		08-Nov-14	17-Nov-14
NHT4705	Milling	7d	0%	08-Nov-14	17-Nov-14
Group Three Seg D		183d		22-May-14 A	31-Dec-14
SEG.D From Sta.D0+518 to Sta.D0+000 (Non-Residential area)		183d		22-May-14 A	31-Dec-14
Safety, Excavation and Concrete Works		41d		22-May-14 A	31-Dec-14
NHT3450	Maintain traffic control and safety plan ,coordination for relocation utilities and others	41d	0%	22-May-14 A	31-Dec-14
NHT3460	Excavation and R.concrete foundation supports for main pipeline	18d	40%	24-May-14 A	12-Nov-14
Pipe Installation		14d		12-Nov-14	01-Dec-14
NHT3470	Install 300 mm main steel pipe line and cast concrete above supports (518 Lm)	14d	0%	12-Nov-14	01-Dec-14
Chamber work		0d			
Testing		1d		22-Nov-14	22-Nov-14
NHT3515	Radiographic Testing (RT)	1d	0%	22-Nov-14	22-Nov-14
Detours (If any)		0d			
Miscellaneous activities - If any as location is not determined yet		51d		19-Apr-14 A	14-Dec-14
Final Mechanical connection		0d			
Safety		0d			
Mechanical		0d			
Final Disinfection and Pressure Testing		0d			
Road Finishing work for SEG. A , B, C & E		0d			
Post Construction Phase		0d			
Post Submittals		0d			



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	Start up, Training and commissioning	0d			
	Demobilization	0d			
	Post Construction activities	0d			

2014												2015							
Qtr 4		Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3	
N	D	Jan	F	Mar	A	M	J	Jul	A	S	Oct	N	Dec	Jan	F	Mar	A	M	J	Jul	A

Actual Work Early Bar Critical Bar Milestone Summary

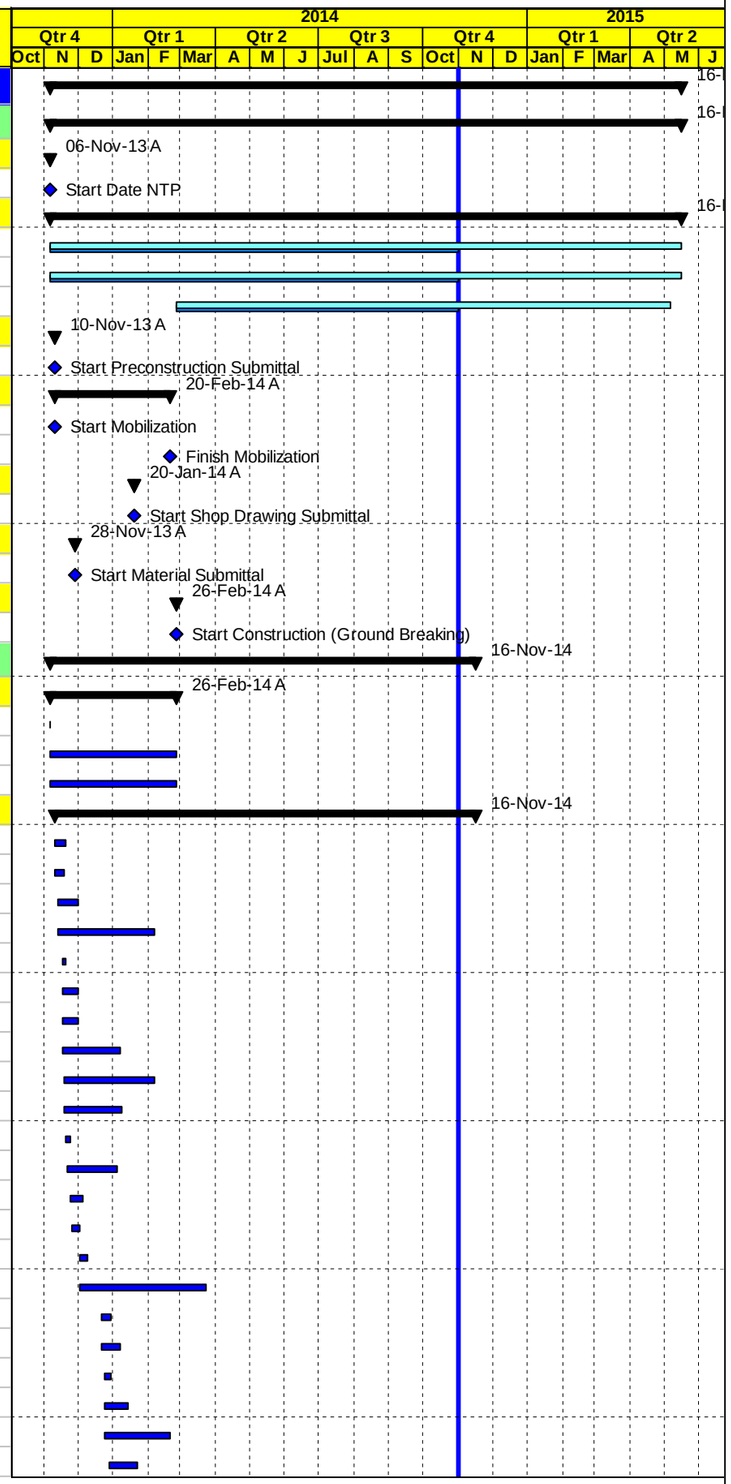
Date	Revision	Checked	Approved
03-Nov-14			

APCO ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO15
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Nahaleen Main Pipeline Project		539d		06-Nov-13 A	16-May-15	-18d
Milestones		539d		06-Nov-13 A	16-May-15	-18d
General Milestones		0d		06-Nov-13 A	06-Nov-13 A	
NHT0000	Start Date NTP	0d	100%	06-Nov-13 A		
Task order Duration		539d		06-Nov-13 A	16-May-15	-18d
NHT0020	Project Duration (Calendar Days)	539d	63.45%	06-Nov-13 A	16-May-15	-18d
NHT0030	Project Duration (Working Days)	445d	65.39%	06-Nov-13 A	16-May-15	-15d
NHT0040	Construction Duration (Working Days)	326d	55.26%	26-Feb-14 A	06-May-15	-15d
Pre Construction Milestones		0d		10-Nov-13 A	10-Nov-13 A	
NHT0050	Start Preconstruction Submittal	0d	100%	10-Nov-13 A		
Mobilization Milestones		20d		11-Nov-13 A	20-Feb-14 A	
NHT0070	Start Mobilization	0d	100%	11-Nov-13 A		
NHT0080	Finish Mobilization	0d	100%		20-Feb-14 A	
Shop Drawing Milestones		0d		20-Jan-14 A	20-Jan-14 A	
NHT0090	Start Shop Drawing Submittal	0d	100%	20-Jan-14 A		
Material Milestones		0d		28-Nov-13 A	28-Nov-13 A	
NHT0110	Start Material Submittal	0d	100%	28-Nov-13 A		
Construction Milestones		0d		26-Feb-14 A	26-Feb-14 A	
NHT0130	Start Construction (Ground Breaking)	0d	100%	26-Feb-14 A		
Pre Construction Phase		358d		06-Nov-13 A	16-Nov-14	164d
Conformed Drawings and Coordination		41d		06-Nov-13 A	26-Feb-14 A	
NHT0145	Final for Construction Drawing (Conformed)	1d	100%	06-Nov-13 A	06-Nov-13 A	
NHT0155	Coordination with local Authorities before Construction	40d	100%	07-Nov-13 A	26-Feb-14 A	
NHT0150	Coordination with Israeli authorities for approval and permit area C	40d	100%	07-Nov-13 A	26-Feb-14 A	
Pre Construction Submittals		255d		10-Nov-13 A	16-Nov-14	118d
NHT0160	Schedule for Pre Construction Submittals & Mobilization	10d	100%	10-Nov-13 A	20-Nov-13 A	
NHT0170	Bank Guarantee Certificates	10d	100%	10-Nov-13 A	19-Nov-13 A	
NHT0190	Field Offices Location & Layout	10d	100%	13-Nov-13 A	01-Dec-13 A	
NHT0200	Field Offices Furniture & Equipment Plan	10d	100%	13-Nov-13 A	06-Feb-14 A	
NHT0210	Scheduling Qualification Submittals	10d	100%	17-Nov-13 A	20-Nov-13 A	
NHT0290	60-Day Plan of Operation	10d	100%	17-Nov-13 A	01-Dec-13 A	
NHT0300	Project Overview Bar Chart	10d	100%	17-Nov-13 A	01-Dec-13 A	
NHT0240	Submittals Schedule	10d	100%	17-Nov-13 A	07-Jan-14 A	
NHT0410	Trench safety plan	10d	100%	19-Nov-13 A	06-Feb-14 A	
NHT0280	Safety Plan	10d	100%	19-Nov-13 A	09-Jan-14 A	
NHT0180	Testing Lab	10d	100%	20-Nov-13 A	24-Nov-13 A	
NHT0330	Risk Management Plan	10d	100%	22-Nov-13 A	05-Jan-14 A	
NHT0230	Insurances	10d	100%	24-Nov-13 A	05-Dec-13 A	
NHT0260	Coordination with local Authorities Plan including list of permits & and licenses	10d	100%	26-Nov-13 A	03-Dec-13 A	
NHT0265	Temporary and Permanent Project Sign Plan	10d	100%	03-Dec-13 A	09-Dec-13 A	
NHT0390	CPM-Construction Schedule and S-Curve	10d	100%	03-Dec-13 A	24-Mar-14 A	
NHT0250	Subcontractors' profile	10d	100%	22-Dec-13 A	30-Dec-13 A	
NHT0320	Dilapidation Survey	10d	100%	22-Dec-13 A	07-Jan-14 A	
NHT0220	Key Personnel Plan	10d	100%	25-Dec-13 A	30-Dec-13 A	
NHT0270	QCP-Quality Control Program	10d	100%	25-Dec-13 A	14-Jan-14 A	
NHT0350	USAID Branding Plan	10d	100%	25-Dec-13 A	20-Feb-14 A	
NHT0370	Method Statement including asphalt disposal,pipeline install,formworks,curing,storm sys.,&R. mark	10d	100%	29-Dec-13 A	23-Jan-14 A	



◇ Milestone Early Bar — Actual Level of Effort — Level of Effort
Actual Work — Early Bar — Summary
◆ Milestone Actual — Critical Bar

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Date	Revision	Checked	Approved
03-Nov-14			

APCO/ArCon CONSTRUCTION AND SERVICES

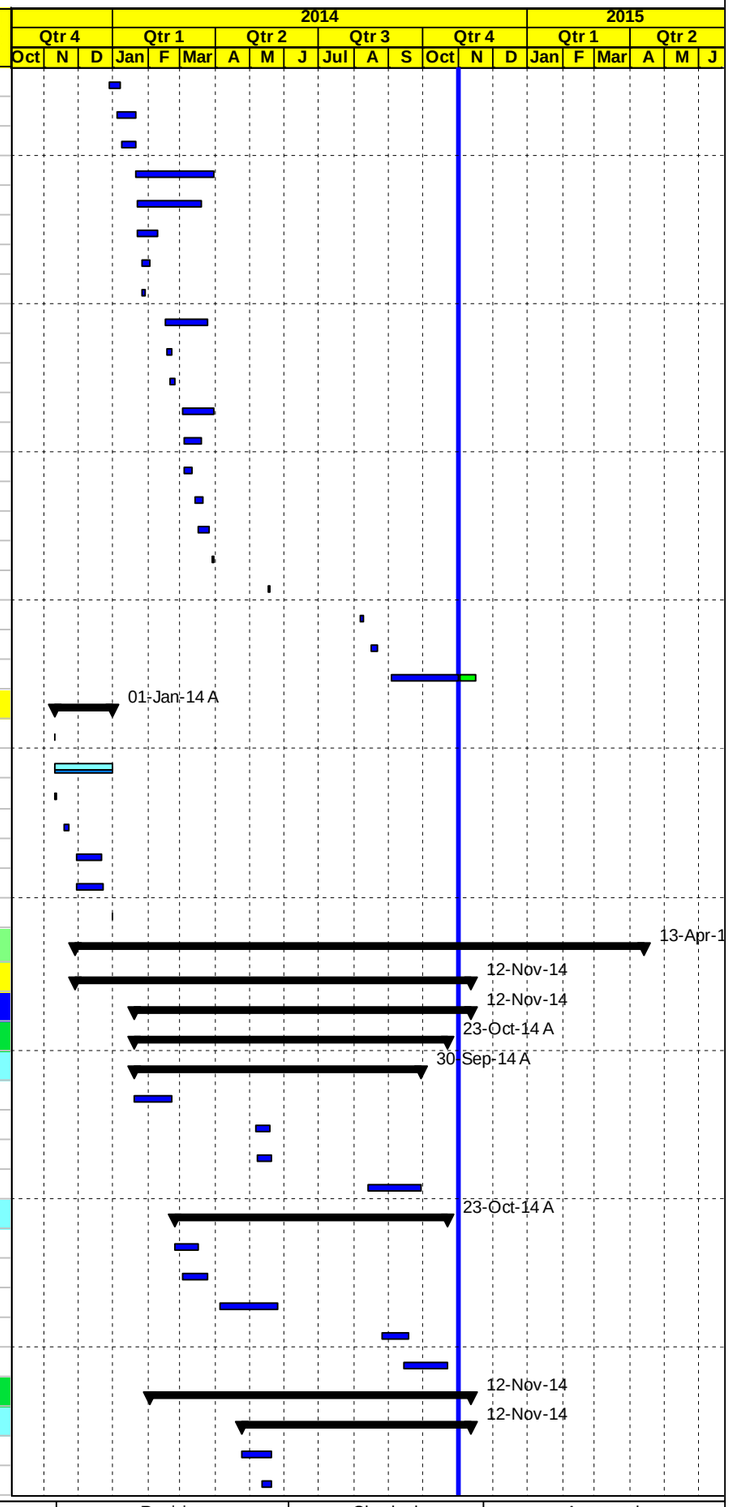
Construction Program

Completed & In Progress Activities

TO15

Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
NHT0380	Environmental Mitigation Plan	10d	100%	29-Dec-13 A	07-Jan-14 A	
NHT0340	Existing Survey Plan	10d	100%	05-Jan-14 A	21-Jan-14 A	
NHT0360	Material Staging ,Storage and dumping Areas Plan	10d	100%	09-Jan-14 A	21-Jan-14 A	
NHT0450	Welder Qualification procedure	10d	100%	21-Jan-14 A	31-Mar-14 A	
NHT0430	Welding procedure	10d	100%	23-Jan-14 A	20-Mar-14 A	
NHT0400	Traffic Control Plan Phase IA	10d	100%	23-Jan-14 A	10-Feb-14 A	
NHT0420	Public relation plan	10d	100%	27-Jan-14 A	03-Feb-14 A	
NHT0440	Third party testing lab	10d	100%	27-Jan-14 A	30-Jan-14 A	
NHT0402-NEW	Traffic Control Plan - Phase 1B-Segment A from St. 0+000 to St. 1+450	10d	100%	16-Feb-14 A	25-Mar-14 A	
NHT0401-NEW	Traffic Control Plan Phase II	10d	100%	17-Feb-14 A	22-Feb-14 A	
NHT0431-NEW	3 inch Procedure Qualification Record(PQR)	10d	100%	20-Feb-14 A	24-Feb-14 A	
NHT0436-NEW	Radiographic Testing Safety Plan	10d	100%	04-Mar-14 A	31-Mar-14 A	
NHT0432-NEW	6 inch and over Procedure Qualification Recored (PQR)	10d	100%	05-Mar-14 A	20-Mar-14 A	
NHT0433-NEW	8-12 inch Procedure Qualification Record (PQR)	10d	100%	05-Mar-14 A	12-Mar-14 A	
NHT0455	R.T. testing agency qualifications	10d	100%	15-Mar-14 A	20-Mar-14 A	
NHT0435-NEW	Stockpile area for excavated material	10d	100%	17-Mar-14 A	27-Mar-14 A	
NHT0434-NEW	Welders Performance Qualification Certificates	10d	100%	29-Mar-14 A	31-Mar-14 A	
NHT0500-NEW	Traffic Control Plan from Sta.A2+270 to Sta.A3+320 -Segment A	10d	100%	18-May-14 A	19-May-14 A	
NHT0510-NEW	Traffic Control Plan from Sta.A1+940 to Sta.A2+270 -Segment A	10d	100%	07-Aug-14 A	10-Aug-14 A	
NHT0520-NEW	Husan Western Entrance Road Traffic Management Plan (Phases 03&05)	10d	100%	17-Aug-14 A	22-Aug-14 A	
NHT2020-NEW	pressure test, disinfection and chlorine plan for water pipelines	21d	50%	04-Sep-14 A	16-Nov-14	118d
Mobilization		21d		11-Nov-13 A	01-Jan-14 A	
NHT0500	Site Hand Over	1d	100%	11-Nov-13 A	11-Nov-13 A	
NHT0480	Mobilization Total Cost (4.0%)	21d	100%	11-Nov-13 A	01-Jan-14 A	
NHT0510	Checking With CMC Existing-Bench Marks, Survey Control Points	2d	100%	11-Nov-13 A	12-Nov-13 A	
NHT0540	Start Preparation Construction Submittals (Survey plan , Shop Drawings & Materials)	3d	100%	19-Nov-13 A	23-Nov-13 A	
NHT0520	Supply and install Office Furniture's and Supplies	4d	100%	30-Nov-13 A	22-Dec-13 A	
NHT0530	Supply and install Office IT Equipments & Applience	4d	100%	30-Nov-13 A	22-Dec-13 A	
NHT0550	Install Temporary Project Sign	1d	100%	01-Jan-14 A	01-Jan-14 A	
Construction Phase		496d		28-Nov-13 A	13-Apr-15	15d
Construction Submittals		462d		28-Nov-13 A	12-Nov-14	168d
Shop Drawing Submittals		462d		20-Jan-14 A	12-Nov-14	168d
Plan Profile and Cross Sections		309d		20-Jan-14 A	23-Oct-14 A	
Plan Profile and Cross Sections for Group One		212d		20-Jan-14 A	30-Sep-14 A	
NHT0590	SEG.A From Sta.0+000 Ato Sta.1+440	21d	100%	20-Jan-14 A	22-Feb-14 A	
NHT0600	SEG.A From Sta.-A1+500 to A2+250	21d	100%	07-May-14 A	19-May-14 A	
NHT0610	SEG.A From Sta. 2+250 to Sta.A3+330	21d	100%	08-May-14 A	21-May-14 A	
NHT0630	Design and shop drawing for SEG. E From Sta. E0+000 to Sta.E1+367	21d	100%	14-Aug-14 A	30-Sep-14 A	
Plan Profile and Cross Sections for Group Two		309d		24-Feb-14 A	23-Oct-14 A	
NHT0650	SEG.A From Sta.A3+850to Sta.A5+700	21d	100%	24-Feb-14 A	17-Mar-14 A	
NHT0651-NEW	SEG.A From Sta.3+330 to Sta.3+850	21d	100%	03-Mar-14 A	25-Mar-14 A	
NHT0680	SEG.B From Sta. B0+000 to Sta. B0+980	21d	100%	06-Apr-14 A	26-May-14 A	
NHT0660	SEG.A From Sta.A5+700 to Sta. 7+050	21d	100%	26-Aug-14 A	18-Sep-14 A	
NHT0670	SEG.A From Sta. 7+050 to Sta. A8+203	21d	100%	14-Sep-14 A	23-Oct-14 A	
Waterline		462d		02-Feb-14 A	12-Nov-14	168d
Waterline for Group One		259d		24-Apr-14 A	12-Nov-14	129d
NHT0705	300 mm & 75 mm Dia. Waterline Seg. A From Sta.A0+100 to Sta.A1+400	21d	100%	24-Apr-14 A	20-May-14 A	
NHT0720	50 mm Dia. Waterline Seg. A from Sta.2+260 to Sta.3+300	21d	100%	12-May-14 A	20-May-14 A	



Milestone Early Bar
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

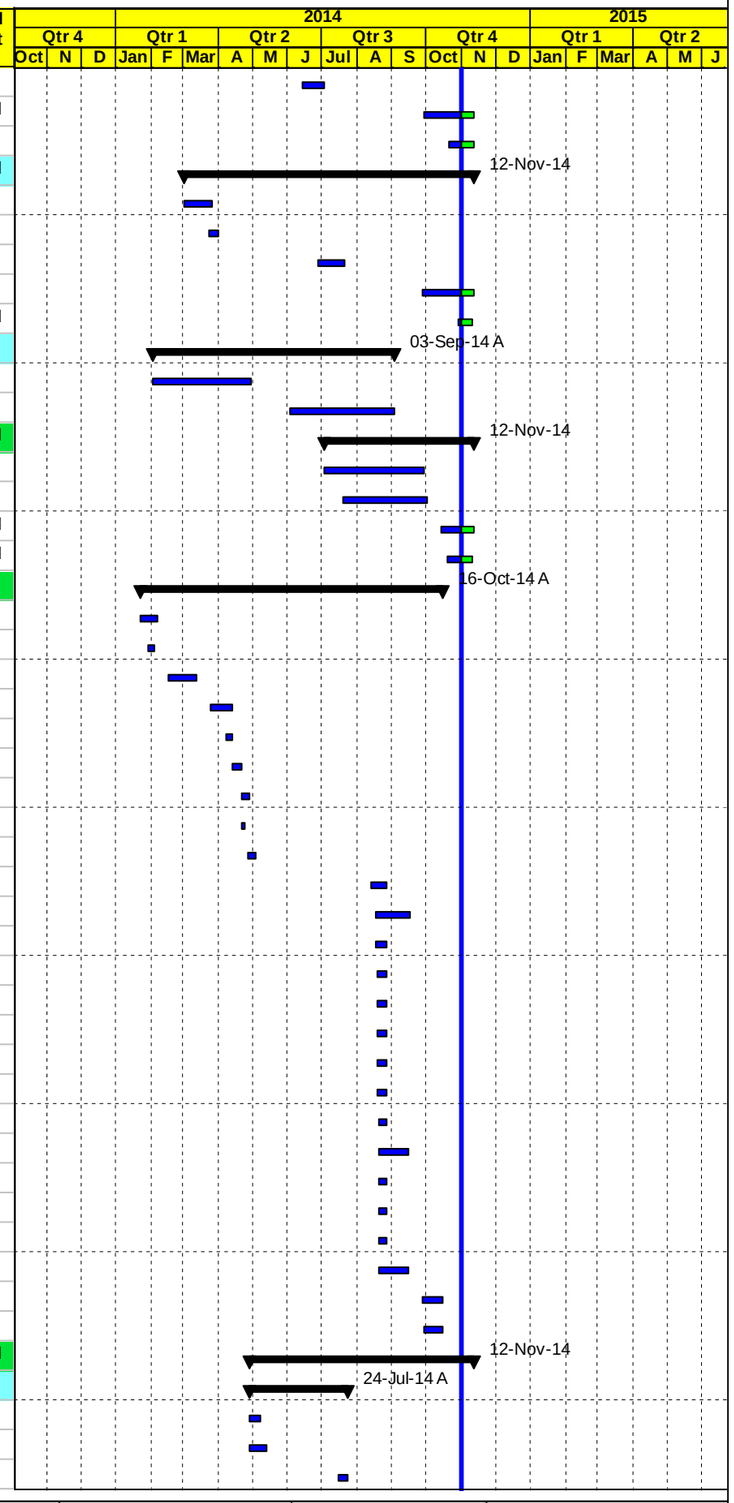
Date	Revision	Checked	Approved
03-Nov-14			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO15
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
NHT0715	75 mm Dia. Waterline Seg. A From Sta.A2+260- A1+440	21d	100%	14-Jun-14 A	03-Jul-14 A	
NHT0755-new	Water: From Sta.-0+038 To Sta.1+400-Segment E	21d	50%	29-Sep-14 A	12-Nov-14	129d
NHT0735	150 mm Dia. Waterline for Battir distribution pipe from Sta.0+000 to Sta.1+040	21d	50%	21-Oct-14 A	12-Nov-14	56d
Waterline for Group Two		381d		02-Mar-14 A	12-Nov-14	168d
NHT0740	250 mm & 50 mm Dia. Waterline Seg. A From Sta.A3+850 to Sta.A5+700	21d	100%	02-Mar-14 A	27-Mar-14 A	
NHT0741-NEW	250 mm & 50 mm Dia. Waterline Seg. A From Sta.3+350 to Sta.3+850 -Segment A	21d	100%	24-Mar-14 A	01-Apr-14 A	
NHT0750	100 mm Dia. for Main and Dist. Waterline SEG.B From Sta. B0+000 to Sta. B0+985	21d	100%	28-Jun-14 A	22-Jul-14 A	
NHT0745	200 mm, 150 mm & 100 mm Dia. Waterline Seg. A From Sta.A5+700 to Sta. 7+000	21d	50%	28-Sep-14 A	12-Nov-14	48d
NHT0755	Waterline Seg. A From Sta.7+000 to Sta.7+425-Segment A	21d	50%	29-Oct-14 A	11-Nov-14	169d
Waterline for Group Three		154d		02-Feb-14 A	03-Sep-14 A	
NHT0700	300 mm Dia. Waterline SEG. D From Sta.D0+515 to Sta.D0+000	21d	100%	02-Feb-14 A	30-Apr-14 A	
NHT0710-new	Concrete support details from Sta.0+000 to Sta.0+510- Segment D	21d	100%	04-Jun-14 A	03-Sep-14 A	
Valves (Mechanical and Civil Chambers)		137d		03-Jul-14 A	12-Nov-14	168d
NHT0805	Structural & Mechanical Detail For Valve Chambers from Sta. 0+000 to Sta. 1+400 and from Sta.3+320 to Sta	21d	100%	03-Jul-14 A	30-Sep-14 A	
NHT0810	300 mm flow monitoring chamber @ sta. A0+720	21d	100%	20-Jul-14 A	02-Oct-14 A	
NHT0815	Flow monitoring chamber @ sta. A5+365	21d	50%	15-Oct-14 A	12-Nov-14	129d
NHT0840-new	Structural & Mechanical Detail For Flow Chambers Typical Section (G.V, Washout,ARV)	21d	50%	20-Oct-14 A	11-Nov-14	169d
Concrete walls		300d		23-Jan-14 A	16-Oct-14 A	
NHT0870	Retaining wall from Sta. A0+200 to A0+129 RHS (71 LM)	21d	100%	23-Jan-14 A	06-Feb-14 A	
NHT0941-NEW	Formwork System for Retaining Work	21d	100%	29-Jan-14 A	04-Feb-14 A	
NHT0890	Retaining wall from Sta. A0+477 to A0+615 LHS (138 LM)	21d	100%	16-Feb-14 A	12-Mar-14 A	
NHT0891-NEW	Retaining Wall from Sta.0+640 to Sta.0+770 LHS (130 LM)	21d	100%	26-Mar-14 A	14-Apr-14 A	
NHT0942-NEW	Concrete Basement Wall-from Sta. E1+100 to E1+116 RHS (16 LM)	21d	100%	08-Apr-14 A	13-Apr-14 A	
NHT0943-NEW	Retaining Wall from Sta.0+790 to Sta.0+835 LHS	21d	100%	13-Apr-14 A	22-Apr-14 A	
NHT0892-NEW	Boundary/Retaining Walls From Sta.B0+436 To B0+467 RHS	21d	100%	22-Apr-14 A	29-Apr-14 A	
NHT0993-NEW	Retaining Walls From Sta.B0+471-B0+493.6 LHS&From Sta.B0+506.35-B0+522 LHS & From Sta.B0+523 To	21d	100%	22-Apr-14 A	24-Apr-14 A	
NHT0994-NEW	One Side Shutter Wall from St.0+480-St.0+574 LHSfrom St.0+614-St.0+790 LHS and from St.0+827-St.0+9	21d	100%	27-Apr-14 A	04-May-14 A	
NHT0995-NEW	Retaining Wall from Sta.0+106 to Sta.0+173 RHS	21d	100%	14-Aug-14 A	27-Aug-14 A	
NHT0997-NEW	Boundary Wall from Sta. 0+501.85 TO 0+550 LHS& On Side Shuttering Wall from Sta. 0+550 TO 0+595.29 I	21d	100%	18-Aug-14 A	17-Sep-14 A	
NHT0998-NEW	Boundary Wall from Sta.0+032 to Sta. 0+063 LHS	21d	100%	18-Aug-14 A	28-Aug-14 A	
NHT0999-NEW	Retaining Wall from Sta. 0+639 to Sta. 0+670 LHS-Segment E	21d	100%	19-Aug-14 A	28-Aug-14 A	
NHT1000-NEW	Boundary Wall from Sta.0+637 to Sta. 0+653 RHS-Segment E	21d	100%	19-Aug-14 A	28-Aug-14 A	
NHT1010-NEW	Boundary Wall from Sta.0+718 to Sta. 0+732 LHS-Segment E	21d	100%	19-Aug-14 A	28-Aug-14 A	
NHT1020-NEW	Boundary Wall from Sta.0+567 to Sta. 0+590 RHS-Segment E	21d	100%	19-Aug-14 A	28-Aug-14 A	
NHT1030-NEW	Retaining Wall from Sta. 0+812.5 to Sta. 0+839 LHS& Boundary Wall from Sta.0+839 to Sta. 0+850 LHS-Seg	21d	100%	19-Aug-14 A	28-Aug-14 A	
NHT1040-NEW	Boundary Wall from Sta.1+050 to Sta. 1+120 RHS-Segment E	21d	100%	21-Aug-14 A	28-Aug-14 A	
NHT1050-NEW	Retaining Wall from Sta. 0+754 to Sta. 0+774 LHS-Segment E	21d	100%	21-Aug-14 A	16-Sep-14 A	
NHT1060-NEW	Boundary Wall from Sta.0+818 to Sta. 0+884.3 RHS-Segment E	21d	100%	21-Aug-14 A	28-Aug-14 A	
NHT1070-NEW	Retaining Wall from Sta. 0+045 to Sta. 0+083 RHS-Segment E	21d	100%	21-Aug-14 A	28-Aug-14 A	
NHT1080-NEW	Boundary Wall from Sta.0+200 to Sta. 0+246 RHS-Segment E	21d	100%	21-Aug-14 A	28-Aug-14 A	
NHT1090-NEW	Boundary Wall from Sta.0+948 to Sta. 0+963 RHS-Segment E	21d	100%	21-Aug-14 A	15-Sep-14 A	
NHT1093-NEW	Retaining Wall From Sta.6+505 to Sta.6+560 LHS& Sta.6+574to Sta.6+603 LHS- Segment A	21d	100%	28-Sep-14 A	16-Oct-14 A	
NHT1095-NEW	Retaining Wall From Sta.6+761 To Sta.6+795 LHS& From Sta.6+920 To Sta.6+932 LHS-Segment A	21d	100%	29-Sep-14 A	16-Oct-14 A	
Pipe and Box Culverts		172d		28-Apr-14 A	12-Nov-14	128d
Pipe and Box Culverts for Group One		53d		28-Apr-14 A	24-Jul-14 A	
NHT0960	box culvert @Sta. A0+590.5 & R.W from Sta.0+570 to Sta.0+595 RHS& R.W from Sta.0+574.1 to Sta.0+614	21d	100%	28-Apr-14 A	08-May-14 A	
NHT0970	box culvert @Sta. A0+951.6 & R.W from Sta.0+930 to Sta.0+980 RHS& R.W from Sta.0+930 to Sta.0+980 I	21d	100%	28-Apr-14 A	14-May-14 A	
NHT0980	Tripple Pipe Culvert ST.1+356 & R.W ST.1+260 -1+380 LHS & One side Shutterring Wall ST.1+380-1+400 L	21d	100%	16-Jul-14 A	24-Jul-14 A	



◇ Milestone Early Bar
Actual Level of Effort
Level of Effort
Actual Work
Early Bar
Summary
◆ Milestone Actual
Critical Bar

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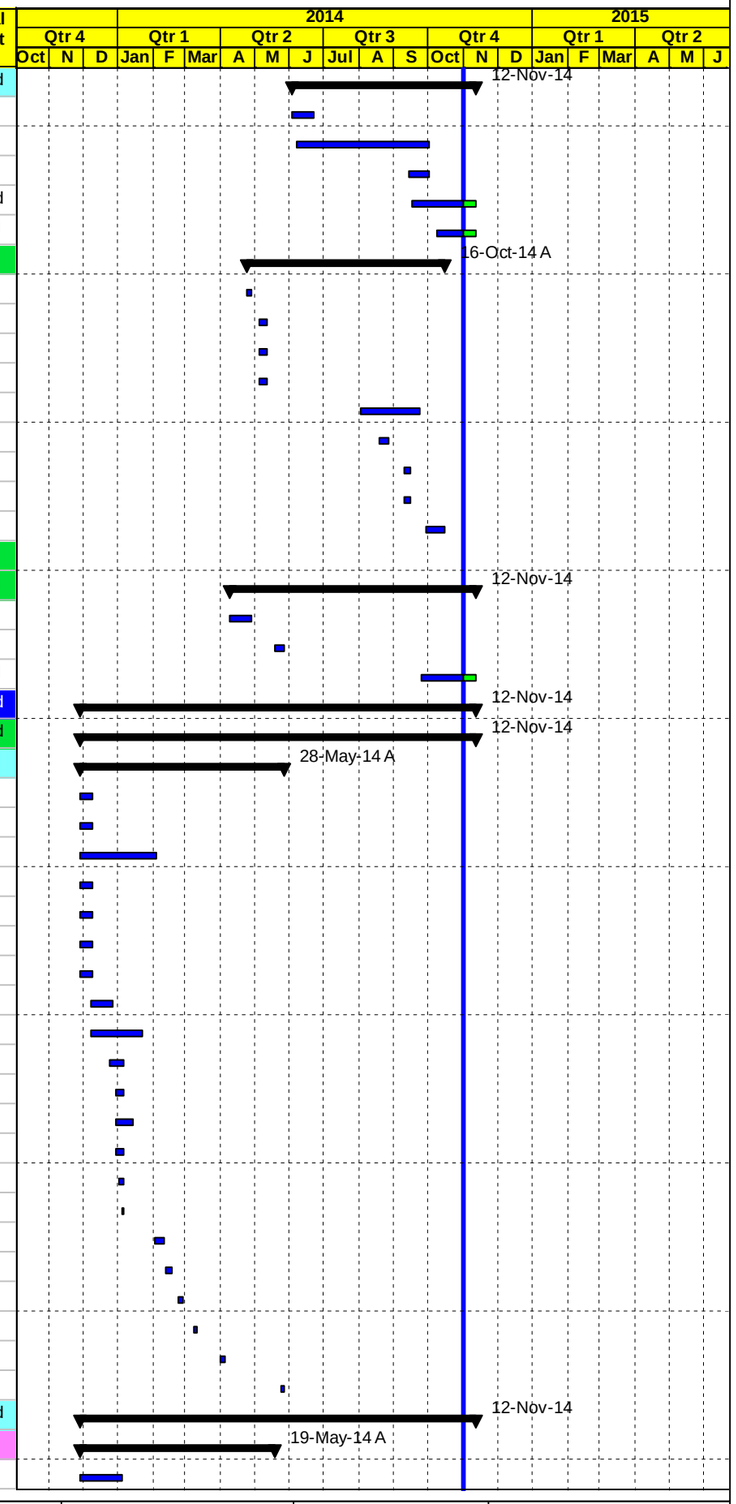
03-Nov-14			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO15
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Pipe and Box Culverts for Group Two		141d		04-Jun-14 A	12-Nov-14	128d
NHT1015	Dia.1000 mm of double pipe culvert @ Sta.A5+469	21d	100%	04-Jun-14 A	23-Jun-14 A	
NHT1060	Storm concrete drainage system from sta. from Sta.0+710 to Sta.0+950-Segment B	21d	100%	08-Jun-14 A	02-Oct-14 A	
NHT1080	Pipe Culvert at Sta.3+281.3-Segment A	21d	100%	14-Sep-14 A	02-Oct-14 A	
NHT1030	Dia.800 mm of pipe culvert @ Sta.A6+197	21d	50%	17-Sep-14 A	12-Nov-14	128d
NHT1040	Storm concrete drainage system SEG.A From sta. A5+800 to A6+040	21d	50%	09-Oct-14 A	12-Nov-14	66d
Stone Walls		178d		24-Apr-14 A	16-Oct-14 A	
NHT1081-NEW	Stone Walls_Segment B	21d	100%	24-Apr-14 A	29-Apr-14 A	
NHT1070	S.W from Sta.0+980 to Sta.1+078 RHS,from Sta.1+083 to Sta.1+350 RHS & from Sta.0+980 to Sta.1+070 LI	21d	100%	06-May-14 A	12-May-14 A	
NHT1082-NEW	Stone Walls from Sta.0+520 to Sta.0+550 RHS and from Sta.0+610 to Sta.0+660 RHS -Segment A	21d	100%	06-May-14 A	12-May-14 A	
NHT1083-NEW	Stone Walls from Sta.0+780 to Sta.0+890 RHS-Segment A	21d	100%	06-May-14 A	12-May-14 A	
NHT1084-NEW	Stone Walls from Sta.3+500 to Sta.3+540 RHS and from Sta.3+360 to Sta.3+420 RHS	21d	100%	03-Aug-14 A	24-Sep-14 A	
NHT1085-NEW	Stone Wall from Sta. 0+130 to Sta. 0+170 LHS-Segment E	21d	100%	19-Aug-14 A	28-Aug-14 A	
NHT1086-NEW	Stone Wall from Sta.3+270 to Sta. 3+300 RHS-Segment A	21d	100%	10-Sep-14 A	15-Sep-14 A	
NHT1087-NEW	Stone Wall from Sta.1+200 to Sta. 1+250 LHS-Segment A	21d	100%	10-Sep-14 A	15-Sep-14 A	
NHT1088-NEW	Stone Wall From Sta.6+706 To Sta.6+730 RHS-Segment A	21d	100%	29-Sep-14 A	16-Oct-14 A	
Concrete curbstone and side walk		0d				0d
Others		199d		10-Apr-14 A	12-Nov-14	84d
NHT1150-new	10 inch Pipes Mitered Bends Schedule and fabrication from St. 3+350 to St. 5+700	21d	100%	10-Apr-14 A	28-Apr-14 A	
NHT1151-new	12" pipeline Mitered Bends Schedule and fabrication for -Segment D	21d	100%	19-May-14 A	27-May-14 A	
NHT1130	CONC.Ditch Plan From Sta.0+120 to Sta.0+480 & From Sta.3+320 to Sta.3+850	21d	50%	25-Sep-14 A	12-Nov-14	84d
Material Submittals		300d		28-Nov-13 A	12-Nov-14	128d
Material Submittals including Manufacturers Qualifications , Shop Test, Product Data		300d		28-Nov-13 A	12-Nov-14	128d
Material Submittals Roads		260d		28-Nov-13 A	28-May-14 A	
NHT1260	Prime Coat	21d	100%	28-Nov-13 A	09-Dec-13 A	
NHT1270	Tack Coat	21d	100%	28-Nov-13 A	09-Dec-13 A	
NHT1280	Bituminous Binder Course-Mix Design	21d	100%	28-Nov-13 A	04-Feb-14 A	
NHT1290	Bituminous Wearing Course-Mix Design	21d	100%	28-Nov-13 A	09-Dec-13 A	
NHT1360	Cat eyes	21d	100%	28-Nov-13 A	09-Dec-13 A	
NHT1370	Thermoplastic paint	21d	100%	28-Nov-13 A	09-Dec-13 A	
NHT1420-new	Asphalt Mix Design -Wearing Asphalt 3/4 inch	21d	100%	28-Nov-13 A	09-Dec-13 A	
NHT1230	Base Course Source	21d	100%	08-Dec-13 A	28-Dec-13 A	
NHT1180	Concrete Mix Design including cement type	21d	100%	08-Dec-13 A	22-Jan-14 A	
NHT1400	Curbstone paint material	21d	100%	25-Dec-13 A	06-Jan-14 A	
NHT1250	Curbstone	21d	100%	30-Dec-13 A	06-Jan-14 A	
NHT1240	Concrete Pipes	21d	100%	30-Dec-13 A	15-Jan-14 A	
NHT1380	Guard Rail	21d	100%	30-Dec-13 A	06-Jan-14 A	
NHT1350	Galvanized steel Handrail	21d	100%	02-Jan-14 A	06-Jan-14 A	
NHT1390	Traffic sign	21d	100%	05-Jan-14 A	06-Jan-14 A	
NHT1200	Steel Reinforcement	21d	100%	03-Feb-14 A	11-Feb-14 A	
NHT1310	Concrete Repair	21d	100%	12-Feb-14 A	18-Feb-14 A	
NHT1190	Formwork material	21d	100%	23-Feb-14 A	27-Feb-14 A	
NHT1210	Precast Concrete Manholes and catch basin	21d	100%	09-Mar-14 A	12-Mar-14 A	
NHT1411-new	Concrete curing compound material	21d	100%	01-Apr-14 A	06-Apr-14 A	
NHT1412-new	Joint sealant material	21d	100%	25-May-14 A	28-May-14 A	
Material Submittals Pipelines including Hydraulic calculation and wiring diagrams, labeling schedule		300d		28-Nov-13 A	12-Nov-14	128d
Pipes		143d		28-Nov-13 A	19-May-14 A	
NHT1420	Steel pipeline 300 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	



Milestone Early Bar
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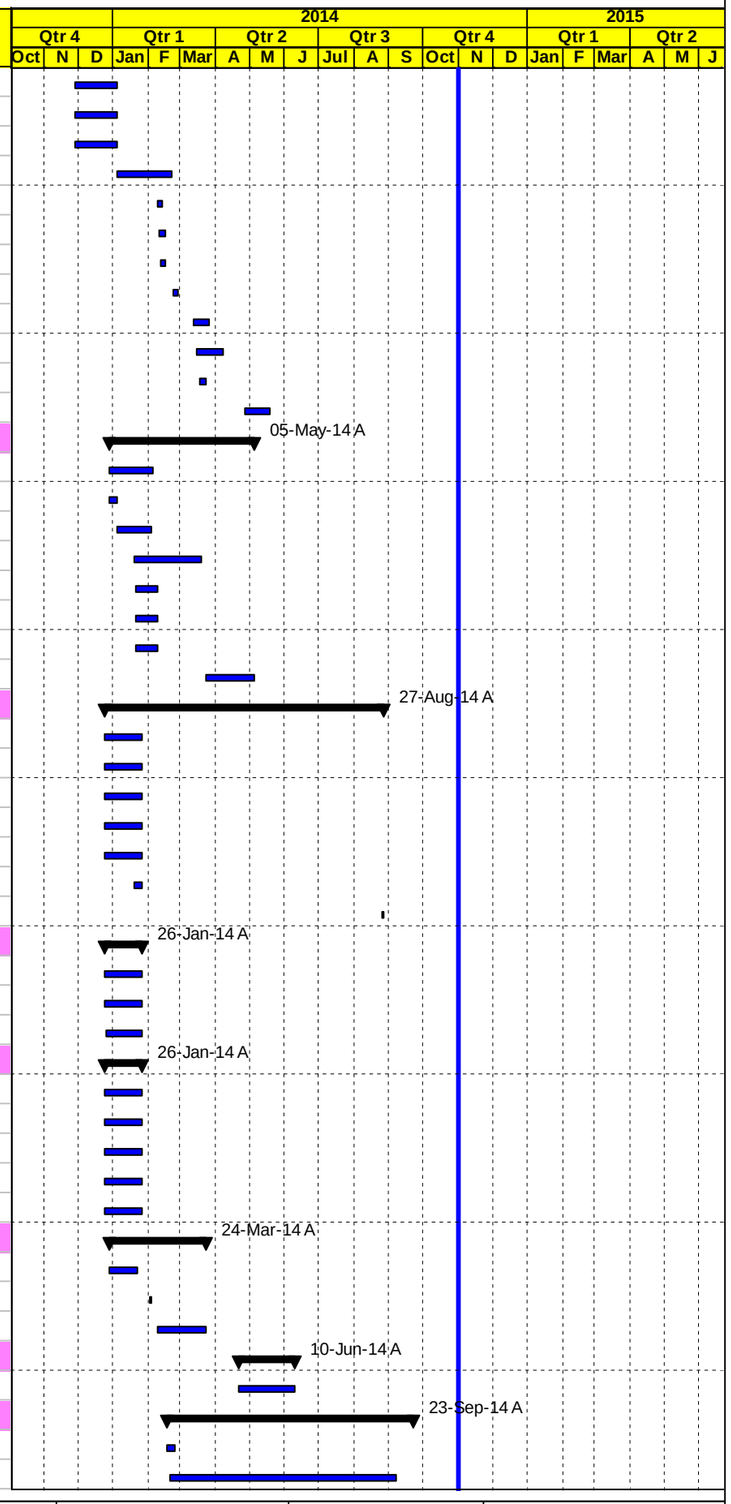
TO15
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
NHT1430	Steel pipeline 200 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
NHT1440	Steel pipeline 150 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
NHT1450	Steel pipeline 100 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
NHT1500	Shrinkable sheet	21d	100%	05-Jan-14 A	22-Feb-14 A	
NHT1512-NEW	Mill Certificate and testing reports for 8 inch steel pipe	21d	100%	09-Feb-14 A	13-Feb-14 A	
NHT1480	Bedding material	21d	100%	11-Feb-14 A	16-Feb-14 A	
NHT1490	Backfilling material (Single size)	21d	100%	12-Feb-14 A	16-Feb-14 A	
NHT1510	Warning tape	21d	100%	23-Feb-14 A	27-Feb-14 A	
NHT1511-NEW	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers	21d	100%	13-Mar-14 A	27-Mar-14 A	
NHT1460	Steel pipeline 75 mm	21d	100%	16-Mar-14 A	08-Apr-14 A	
NHT1470	Galvanized Steel pipeline 0.5", 0.75",1",1.5",2"	21d	100%	19-Mar-14 A	24-Mar-14 A	
NHT1471-NEW	Pipe Expansion Joint	21d	100%	27-Apr-14 A	19-May-14 A	
Fittings		36d		29-Dec-13 A	05-May-14 A	
NHT1590	Dismantling Joint	21d	100%	29-Dec-13 A	05-Feb-14 A	
NHT1580	Mechanical coupling	21d	100%	29-Dec-13 A	05-Jan-14 A	
NHT1550	Flanges	21d	100%	05-Jan-14 A	04-Feb-14 A	
NHT1560	Gaskets	21d	100%	20-Jan-14 A	20-Mar-14 A	
NHT1520	Steel Elbows	21d	100%	21-Jan-14 A	10-Feb-14 A	
NHT1530	Steel Tees	21d	100%	21-Jan-14 A	10-Feb-14 A	
NHT1540	Steel reducers	21d	100%	21-Jan-14 A	10-Feb-14 A	
NHT1570	Bolts ,washers & nuts	21d	100%	24-Mar-14 A	05-May-14 A	
Gate Valves		209d		25-Dec-13 A	27-Aug-14 A	
NHT1600	Gate valves16 , 200mm	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1610	Gate valves PN16,150	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1620	Gate valves 100.	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1630	Gate valves 75.	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1650	Manual Actuator for gate valves	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1640	Gate valves 50	21d	100%	20-Jan-14 A	26-Jan-14 A	
NHT1780-NEW	Ball Valve-Tyco F120 for Pressure Gauge	21d	100%	26-Aug-14 A	27-Aug-14 A	
Butterfly valves		21d		25-Dec-13 A	26-Jan-14 A	
NHT1660	Butterfly valves PN40,300 mm	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1670	Butterfly valves PN40,250 mm	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1680	Butterfly valves PN25,250 mm	21d	100%	26-Dec-13 A	26-Jan-14 A	
Washout valve		21d		25-Dec-13 A	26-Jan-14 A	
NHT1690	Washout gate valve PN40DN250	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1700	Washout gate valve PN40DN200	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1710	Washout gate valve PN25DN150	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1720	PN 16 bar, DN 75 mm washout Gate Valve on DN 150 mm and on DN 100 mm pipelines	21d	100%	25-Dec-13 A	26-Jan-14 A	
NHT1730	PN 16 bar, DN 50 mm washout gate valve on DN 75 and DN 50 mm pipelines	21d	100%	25-Dec-13 A	26-Jan-14 A	
Air relief valves and Pressure reducing valve		29d		29-Dec-13 A	24-Mar-14 A	
NHT1740	Combination Air relief valves ,PN40,DN100-/PN25,DN80-/PN25,DN50	21d	100%	29-Dec-13 A	23-Jan-14 A	
NHT1750	Air relief valves	21d	100%	02-Feb-14 A	04-Feb-14 A	
NHT1760	Pressure reducing valves PN40 DN150	21d	100%	09-Feb-14 A	24-Mar-14 A	
Water meters		21d		22-Apr-14 A	10-Jun-14 A	
NHT1770	Electro-Magnetic water meter	21d	100%	22-Apr-14 A	10-Jun-14 A	
Manholes and chambers		183d		18-Feb-14 A	23-Sep-14 A	
NHT1820	Manhole Cover and Frame.	21d	100%	18-Feb-14 A	24-Feb-14 A	
NHT1825-new	Precast Water Manhole	21d	100%	20-Feb-14 A	07-Sep-14 A	



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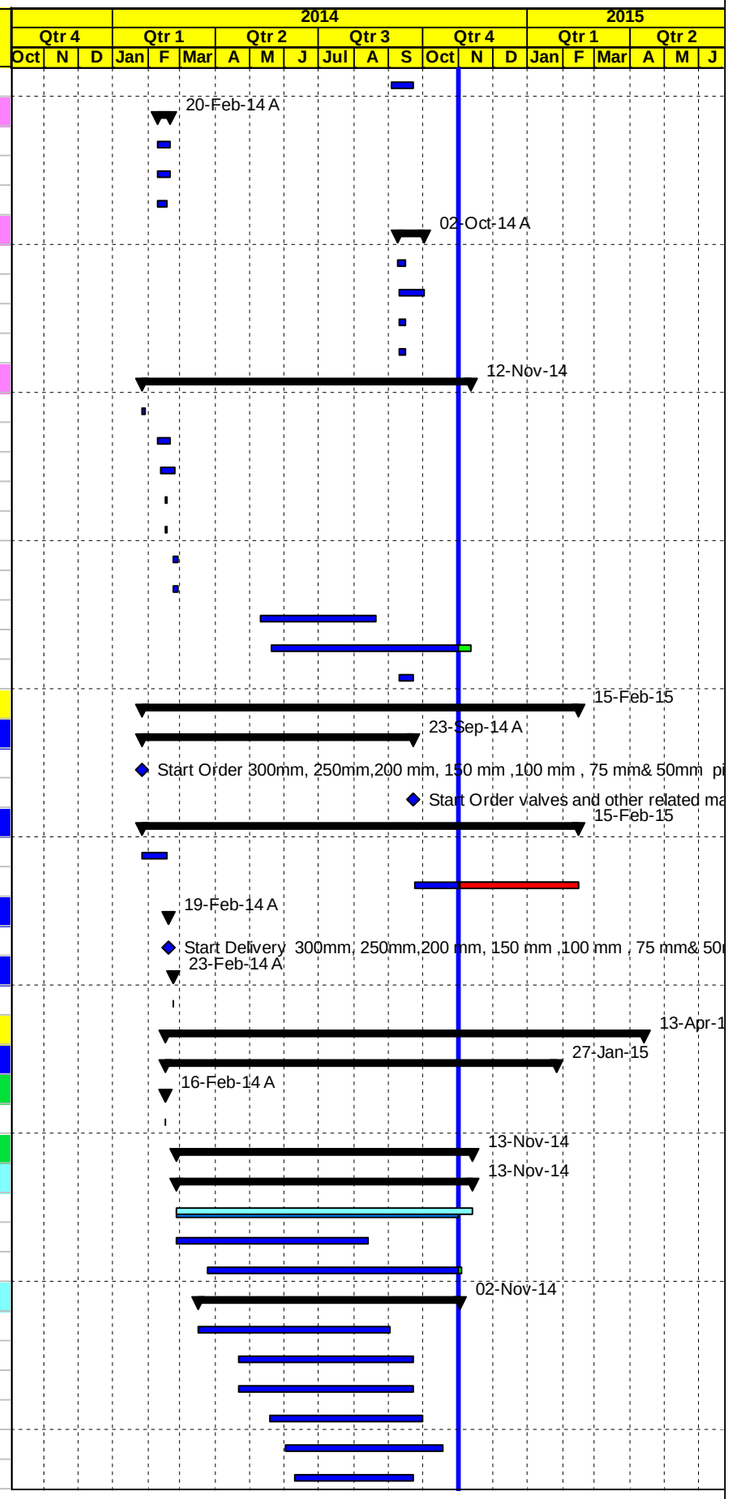
NHT1830-new	Pre-cast hand hole manhole for 2" gate valve	21d	100%	04-Sep-14 A	23-Sep-14 A	
Control Valves		70d		09-Feb-14 A	20-Feb-14 A	
NHT1880	Remote Control Monitoring Flow water meterPN40,DN300	21d	100%	09-Feb-14 A	20-Feb-14 A	
NHT1890	Remote Control Monitoring Flow water meterPN40,DN250	21d	100%	09-Feb-14 A	20-Feb-14 A	
NHT1870	Flow control valves	21d	100%	09-Feb-14 A	17-Feb-14 A	
House Connection		21d		09-Sep-14 A	02-Oct-14 A	
NHT1910-New	House Connection Check Valve	21d	100%	09-Sep-14 A	16-Sep-14 A	
NHT1782-new	House Connection- Pressure Reducing Valve	21d	100%	10-Sep-14 A	02-Oct-14 A	
NHT1990-new	House Connection Strainer	21d	100%	10-Sep-14 A	16-Sep-14 A	
NHT1995-new	House Connection Ball Valve	21d	100%	10-Sep-14 A	16-Sep-14 A	
Others		245d		27-Jan-14 A	12-Nov-14	128d
NHT1900	Strainers.	21d	100%	27-Jan-14 A	29-Jan-14 A	
NHT1980	Earthing grounding system	21d	100%	09-Feb-14 A	20-Feb-14 A	
NHT1991-NEW	Repairing and application of interior steel pipes cement lining	21d	100%	12-Feb-14 A	24-Feb-14 A	
NHT1992-NEW	Bitumen protective coating for underground concrete	21d	100%	16-Feb-14 A	18-Feb-14 A	
NHT1993-NEW	Form release agent	21d	100%	16-Feb-14 A	18-Feb-14 A	
NHT1920	Spacers	21d	100%	23-Feb-14 A	27-Feb-14 A	
NHT1930	Tie rods	21d	100%	23-Feb-14 A	27-Feb-14 A	
NHT1950	Pressure gauge with needle valve	21d	100%	11-May-14 A	21-Aug-14 A	
NHT2000-NEW	Paint as second coat to be sparyed over factory EPOXY coating to protect pipe against UV Rays- -Segment [	21d	50%	21-May-14 A	12-Nov-14	128d
NHT2030-NEW	Concrete repairing material up to 3mm thickness and method statement	21d	100%	10-Sep-14 A	23-Sep-14 A	
Procurements		365d		27-Jan-14 A	15-Feb-15	-9d
Order		221d		27-Jan-14 A	23-Sep-14 A	
NHT2000	Start Order 300mm, 250mm,200 mm, 150 mm ,100 mm , 75 mm& 50mm pipes and fittings	0d	100%	27-Jan-14 A		
NHT2010	Start Order valves and other related materials	0d	100%	23-Sep-14 A		
Manufacturing		289d		27-Jan-14 A	15-Feb-15	-7d
NHT2030	300mm, 250mm,200 mm, 150 mm ,100 mm , 75 mm& 50mm pipes and fittings	28d	100%	27-Jan-14 A	18-Feb-14 A	
NHT2040	Valves and other related materials	89d	5%	24-Sep-14 A	15-Feb-15	-7d
Delivery		0d		19-Feb-14 A	19-Feb-14 A	
NHT2060	Start Delivery 300mm, 250mm,200 mm, 150 mm ,100 mm , 75 mm& 50mm pipes and fittings	0d	100%	19-Feb-14 A		
Testing		2d		23-Feb-14 A	23-Feb-14 A	
NHT2090	300mm, 250mm,200 mm, 150 mm ,100 mm , 75 mm& 50mm pipes and fittings	2d	100%	23-Feb-14 A	23-Feb-14 A	
Construction Work		402d		16-Feb-14 A	13-Apr-15	15d
Group One from Sta.A0+000 to Sta.A3+320 Seg. C , E,Hussan & Battir Distribution pipes		310d		16-Feb-14 A	27-Jan-15	92d
Implementation traffic control and safety plan		1d		16-Feb-14 A	16-Feb-14 A	
NHT2505	Start Implementation traffic control and safety plan	1d	100%	16-Feb-14 A	16-Feb-14 A	
SEG.A From Sta.A0+000 to Sta.A1+440		252d		26-Feb-14 A	13-Nov-14	167d
Safety and Excavation		145d		26-Feb-14 A	13-Nov-14	128d
NHT2510	Maintain traffic control and safety plan ,coordination for relocation utilities and others	145d	92.07%	26-Feb-14 A	13-Nov-14	77d
NHT2520	Excavation (Cut/ Fill) From Sta. A0+100 To A0+720	27d	100%	26-Feb-14 A	14-Aug-14 A	
NHT2540	Excavation (Cut/ Fill) From Sta. A0+720 To A1+440	27d	90%	26-Mar-14 A	03-Nov-14	136d
Retaining wall and Box Culvert		117d		17-Mar-14 A	02-Nov-14	138d
NHT2560	Construct R.Concrete Retaining wall from Sta. A0+129to A0+200 RHS	30d	100%	17-Mar-14 A	02-Sep-14 A	
NHT2580	Construct R.Concrete Backing wall (One Side Shutter Wall) from Sta. A0+479 to A0+574 LHS	32d	100%	22-Apr-14 A	23-Sep-14 A	
NHT2590	Construct R.Concrete Backing wall (One Side Shutter Wall) from Sta. A0+614 to A0+790 LHS	32d	100%	22-Apr-14 A	23-Sep-14 A	
NHT2650	Construct box culvert @Sta. A0+590.5 & R.W from Sta.0+570 to Sta.0+595 RHS& R.W from Sta.0+574.1 to	30d	100%	19-May-14 A	01-Oct-14 A	
NHT2660	Construct box culvert @Sta. A0+951.6 & R.W from Sta.0+930 to Sta.0+980 RHS& R.W from Sta.0+930 to S	30d	100%	02-Jun-14 A	19-Oct-14 A	
NHT2770	Construct gravity Wall 0+790 to 0+827 LHS	20d	100%	10-Jun-14 A	23-Sep-14 A	



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Nahaleen Main Pipeline Project

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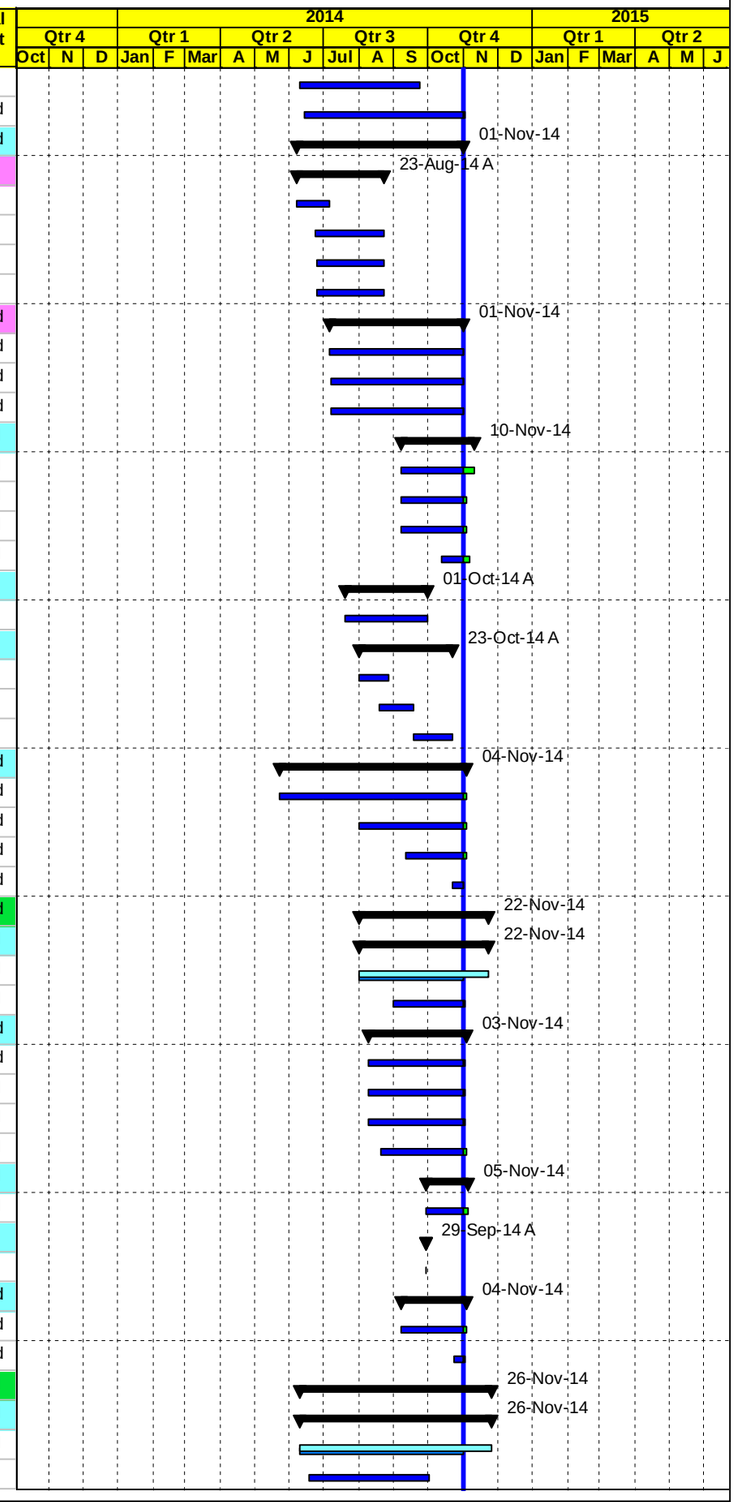
NHT2900	Construct R.Concrete Backing wall (One Side Shutter Wall) from Sta. A0+827 to A0+930LHS	30d	100%	10-Jun-14 A	24-Sep-14 A	
NHT2670	Construct Pipe culvert @Sta. A1+356 and Retaining Wall from Sta.1+260 to Sta.1+400 LHS	30d	95%	15-Jun-14 A	02-Nov-14	138d
Pipe Installation		45d		07-Jun-14 A	01-Nov-14	139d
300 mm main pipeline		39d		07-Jun-14 A	23-Aug-14 A	
NHT2770-new	Digging	10d	100%	07-Jun-14 A	06-Jul-14 A	
NHT2690	Trench excavation for 300mm main pipeline from Sta. A0+100 to sta. A1+080 length approx. (980 LM)	21d	100%	24-Jun-14 A	23-Aug-14 A	
NHT2700	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (980 L	21d	100%	25-Jun-14 A	23-Aug-14 A	
NHT2710	Backfill the pipe trench with (single size aggregate) to the required level (980 LM)	21d	100%	25-Jun-14 A	23-Aug-14 A	
300 mm main pipeline with 75 mm dist. Pipe		5d		06-Jul-14 A	01-Nov-14	139d
NHT2680	Trench excavation for 300mm main pipeline with 75 mm dist. Pipe from sta. A1+080 TO A1+440 length ap	4d	90%	06-Jul-14 A	01-Nov-14	139d
NHT2682	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (360 L	4d	90%	07-Jul-14 A	01-Nov-14	139d
NHT2685	Backfill the pipe trench with (single size aggregate) to the required level (360 LM)	4d	90%	07-Jul-14 A	01-Nov-14	139d
Chamber work		29d		07-Sep-14 A	10-Nov-14	81d
NHT2730	Construct - AR/AV Valve chamber @ Sta. A0+719, A1+108 and A1+213	17d	50%	07-Sep-14 A	10-Nov-14	77d
NHT2740	Construct - Butterfly Valve chamber @ Sta.A1+084	8d	70%	07-Sep-14 A	03-Nov-14	84d
NHT2750	Construct -300 mm flow monitoring chamber @ Sta.A0+720	12d	70%	07-Sep-14 A	04-Nov-14	86d
NHT2720	Construct - Wash out Valve chamber @ Sta. A0+624 .A0+911& &A1+340	17d	70%	13-Oct-14 A	06-Nov-14	81d
Testing		1d		20-Jul-14 A	01-Oct-14 A	
NHT2755	Radiographic Testing (RT)	1d	100%	20-Jul-14 A	01-Oct-14 A	
Base course and Asphalt From Sta. A0+000 To A0+720		74d		02-Aug-14 A	23-Oct-14 A	
NHT2780	20 cm thick for first base course layer	17d	100%	02-Aug-14 A	28-Aug-14 A	
NHT2790	20 cm thick for second base course layer	17d	100%	19-Aug-14 A	18-Sep-14 A	
NHT2800	7cm Asphalt wearing course including prime coat	3d	100%	18-Sep-14 A	23-Oct-14 A	
Base course ,Stone Wall and Asphalt From Sta. A0+720 To A1+440		110d		24-May-14 A	04-Nov-14	135d
NHT2804	Construct stone walls from sta.A0+500 to A1+340	20d	80%	24-May-14 A	04-Nov-14	135d
NHT2802	20 cm thick for first base course layer	17d	80%	02-Aug-14 A	04-Nov-14	136d
NHT2805	20 cm thick for second base course layer	17d	80%	11-Sep-14 A	04-Nov-14	136d
NHT2809	7cm Asphalt wearing course including prime coat	3d	80%	23-Oct-14 A	01-Nov-14	138d
SEG.A From Sta.A1+440- A2+260		88d		02-Aug-14 A	22-Nov-14	157d
Safety and Excavation		58d		02-Aug-14 A	22-Nov-14	76d
NHT2810	Maintain traffic control and safety plan with coordination	58d	70.94%	02-Aug-14 A	22-Nov-14	76d
NHT2820	Excavation for reconstruction road including subgrade and backfilling if required	8d	80%	31-Aug-14 A	02-Nov-14	58d
Pipe Installation 75 mm dist. pipe		24d		09-Aug-14 A	03-Nov-14	136d
NHT2830	Trench excavation for 75 mm dist. Pipe from A1+440 to sta. A2+260 length approx. (820 LM)	10d	80%	09-Aug-14 A	02-Nov-14	137d
NHT2840	Bedding (crushed stone) and install distribution Steel pipes with welding inspection(820 LM)	10d	80%	09-Aug-14 A	02-Nov-14	60d
NHT2850	Backfill the pipe trench with (single size aggregate) to the required level (820 LM)	10d	80%	09-Aug-14 A	02-Nov-14	72d
NHT2854	House connection	14d	80%	20-Aug-14 A	03-Nov-14	76d
Chamber work		16d		29-Sep-14 A	05-Nov-14	76d
NHT2860	Construct - AR/AV Valve chamber @ A1+457, Sta. A1+727 &,A1+820,.	16d	70%	29-Sep-14 A	05-Nov-14	76d
Testing		1d		29-Sep-14 A	29-Sep-14 A	
NHT2873	Radiographic Testing (RT)	1d	100%	29-Sep-14 A	29-Sep-14 A	
Base course and Asphalt		16d		08-Sep-14 A	04-Nov-14	135d
NHT2890	20 cm thick for base course layer	12d	70%	08-Sep-14 A	04-Nov-14	135d
NHT2930	5cm asphalt wearing course including prime coat	3d	60%	24-Oct-14 A	02-Nov-14	104d
SEG.A From Sta A2+260.to Sta. A3+320		138d		10-Jun-14 A	26-Nov-14	84d
Safety, Excavation		118d		10-Jun-14 A	26-Nov-14	84d
NHT2940	Maintain traffic control and safety plan with coordination	118d	82.24%	10-Jun-14 A	26-Nov-14	84d
NHT2950	Excavation for reconstruction road including subgrade and backfilling if required	14d	100%	18-Jun-14 A	02-Oct-14 A	



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Nahaleen Main Pipeline Project

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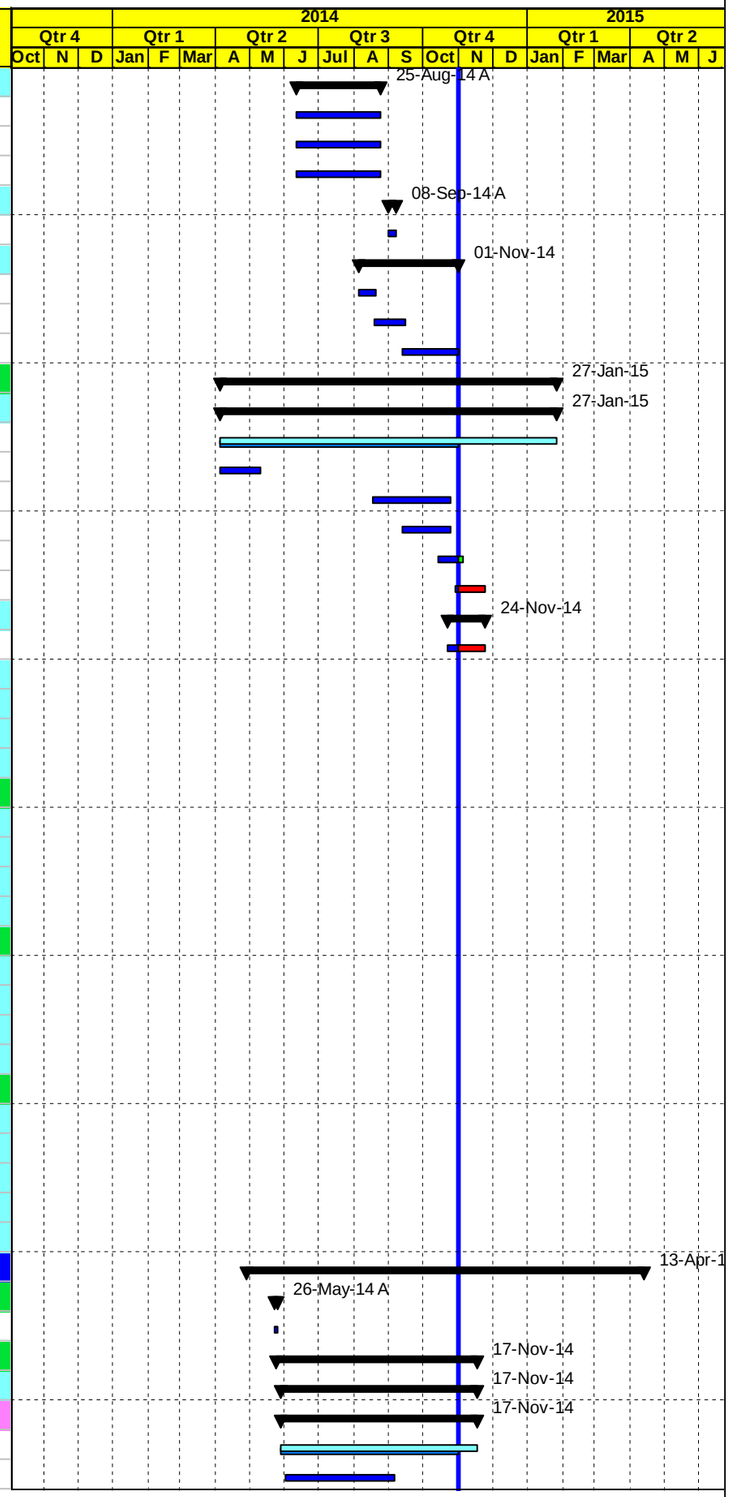
Pipe Installation 50 mm dist. Pipe		12d		11-Jun-14 A	25-Aug-14 A	
NHT2985	Trench excavation for 50 mm dist. Pipe from A2+260 to sta. A3+310 length approx. (1050 LM)	12d	100%	11-Jun-14 A	25-Aug-14 A	
NHT2987	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection 1050 l	12d	100%	11-Jun-14 A	25-Aug-14 A	
NHT2999	Backfill the pipe trench with (single size aggregate) to the required level (1050 LM)	12d	100%	11-Jun-14 A	25-Aug-14 A	
Testing		4d		01-Sep-14 A	08-Sep-14 A	
NHT3040	Pressure Testing	4d	100%	01-Sep-14 A	08-Sep-14 A	
Base course and Asphalt		85d		05-Aug-14 A	01-Nov-14	105d
NHT3240	Topping from sta. 2+440 to sta. 3+100	12d	100%	05-Aug-14 A	20-Aug-14 A	
NHT3050	20 cm thick for base course layer	12d	100%	19-Aug-14 A	16-Sep-14 A	
NHT3055	5 cm asphalt wearing course including prime coat	2d	90%	13-Sep-14 A	01-Nov-14	105d
SEG.E From Sta. E0+000 to Sta.E1+276		245d		05-Apr-14 A	27-Jan-15	54d
Safety, Excavation		240d		05-Apr-14 A	27-Jan-15	54d
NHT3180	Maintain traffic control and safety plan ,coordination for relocation utilities and others	214d	70%	05-Apr-14 A	27-Jan-15	43d
NHT3255-new	Construct R.Concrete Retaining wall from Sta. E1+100 to E1+116 RHS (16 LM)	21d	100%	06-Apr-14 A	11-May-14 A	
NHT3256-new	Construct R.Concrete Retaining wall from Sta. E0+106 to E0+173 RHS (67 LM)	27d	100%	18-Aug-14 A	26-Oct-14 A	
NHT3258-new	Boundary Wall E0+045 to E0+084 RHS	21d	100%	13-Sep-14 A	26-Oct-14 A	
NHT3259-new	One Side Shuter Wall and Boundary Wall E0+500 to E0+600 LHS	21d	80%	15-Oct-14 A	05-Nov-14	60d
NHT3190	Excavation for reconstruction road including subgrade and backfilling if required	21d	10%	29-Oct-14 A	24-Nov-14	0d
Pipe Installation		20d		23-Oct-14 A	24-Nov-14	-1d
NHT3140	Trench excavation for 300 mm main pipeline (1276 lm)	20d	5%	23-Oct-14 A	24-Nov-14	-1d
chambers		0d				0d
Testing		0d				0d
Base course		0d				0d
Curbstone and Asphalt		0d				0d
Hussan Distribution pipes		0d				0d
Safety and Pipe Installation		0d				0d
Chamber work		0d				0d
Testing		0d				0d
Asphalt		0d				0d
Battir Distribution pipes		0d				0d
Safety and Pipe Installation		0d				0d
Chamber work		0d				0d
Testing		0d				0d
Asphalt		0d				0d
SEG.C From St.C0+000 -St.C0+330		0d				0d
Safety and Excavation		0d				0d
Pipe Installation		0d				0d
Chamber work		0d				0d
Testing		0d				0d
Base course and Asphalt		0d				0d
Group Two SEG.A Road From Sta. 3+320 to Sta. A8+203 and Seg. B		304d		29-Apr-14 A	13-Apr-15	15d
Implementation traffic control and safety plan		3d		24-May-14 A	26-May-14 A	
NHT3445	Start Implementation traffic control and safety plan	3d	100%	24-May-14 A	26-May-14 A	
SEG.A From Sta.A3+320 to Sta.A5+800		183d		25-May-14 A	17-Nov-14	128d
SEG.A From Sta.A3+320 to Sta.A3+850		137d		29-May-14 A	17-Nov-14	128d
Safety, Excavation, Culvert , concrete channel and Basecourse		70d		29-May-14 A	17-Nov-14	97d
NHT3580	Maintain traffic control and safety plan ,coordination for relocation utilities and others	70d	80%	29-May-14 A	17-Nov-14	97d
NHT3590	Saw Cut to Edge of Existing Asphalt , Excavation for road widening and slope cut	20d	100%	02-Jun-14 A	06-Sep-14 A	



Milestone Early Bar | Actual Level of Effort | Level of Effort
Actual Work | Early Bar | Summary
Milestone Actual | Critical Bar

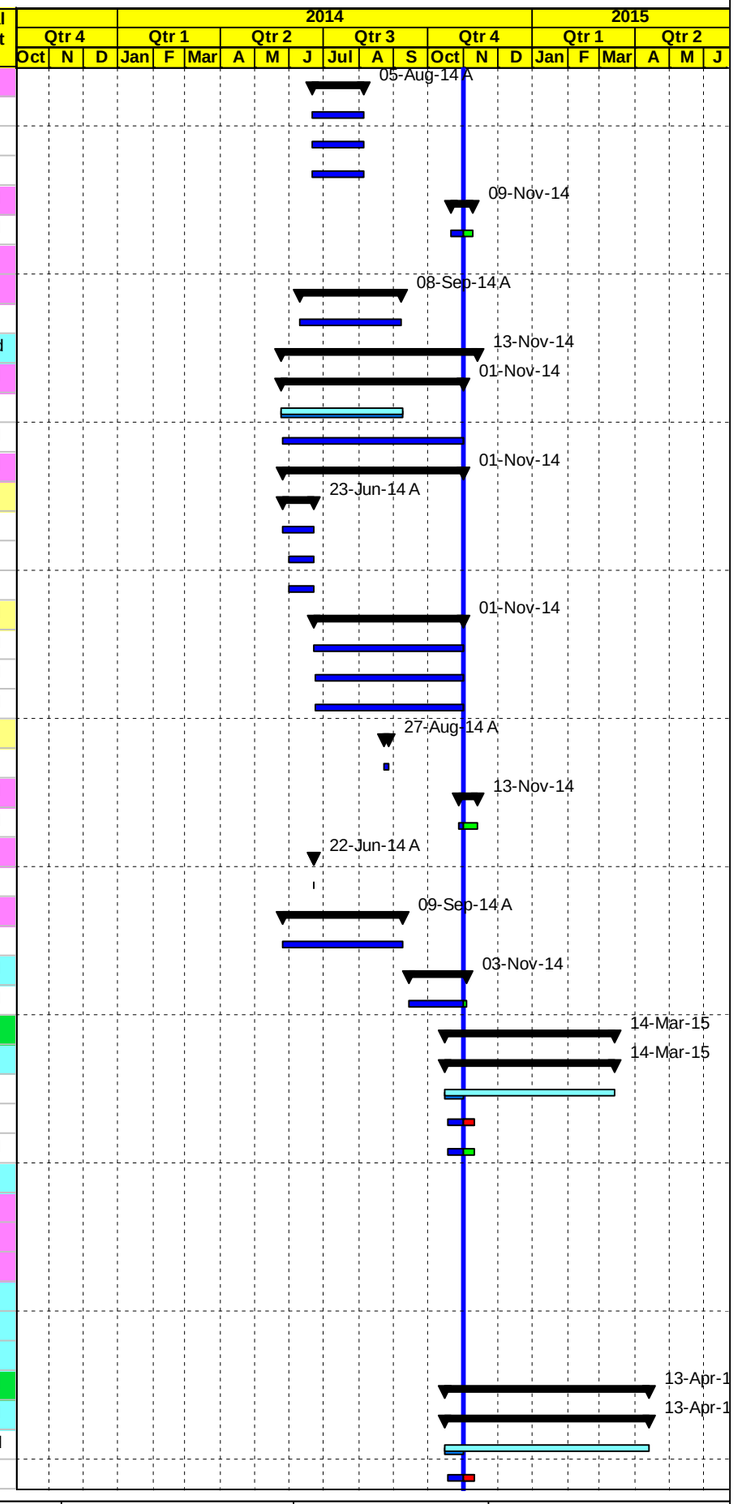
Date	Revision	Checked	Approved
03-Nov-14			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO15
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Pipe Installation		10d		21-Jun-14 A	05-Aug-14 A	
NHT3620	Trench excavation for 250 mm main pipeline from A3+350 to sta.A3+850 with length approx. (500LM)	10d	100%	21-Jun-14 A	05-Aug-14 A	
NHT3630	Bedding (crushed stone) and install the above main and distribution Steel pipe with welding inspection (500LI	10d	100%	21-Jun-14 A	05-Aug-14 A	
NHT3640	Backfill the pipe trench with (single size aggregate) to the required level (500LM)	10d	100%	21-Jun-14 A	05-Aug-14 A	
Chamber work		15d		21-Oct-14 A	09-Nov-14	73d
NHT3650	Construct - Wash out Valve chamber @ Sta.3+612, 3+811	15d	50%	21-Oct-14 A	09-Nov-14	73d
Testing		0d				0d
Base course and Stone Wall		21d		10-Jun-14 A	08-Sep-14 A	
NHT3685	Subgrad and install first and second layer of 20 cm base course for widening the road	21d	100%	10-Jun-14 A	08-Sep-14 A	
SEG.A From Sta.A3+850 to Sta.A5+800		179d		25-May-14 A	13-Nov-14	101d
Safety, Excavation and Concrete Works		84d		25-May-14 A	01-Nov-14	50d
NHT3710	Maintain traffic control and safety plan ,coordination for relocation utilities and others	84d	100%	25-May-14 A	09-Sep-14 A	
NHT3715	Saw Cut to Edge of Existing Asphalt and Excavation	18d	95%	26-May-14 A	01-Nov-14	50d
Pipe Installation		112d		26-May-14 A	01-Nov-14	58d
250 mm main pipeline		22d		26-May-14 A	23-Jun-14 A	
NHT3730	Trench excavation for 250 mm main pipeline from A3+850 to sta.A5+170 with length approx. (1320 LM)	22d	100%	26-May-14 A	23-Jun-14 A	
NHT3740	Bedding (crushed stone) and install the above main and distribution Steel pipe with welding inspection (1320 I	22d	100%	31-May-14 A	23-Jun-14 A	
NHT3750	Backfill the pipe trench with (single size aggregate) to the required level (1320 LM)	22d	100%	31-May-14 A	23-Jun-14 A	
250 mm main pipeline with 50 mm dist. Pipe		15d		23-Jun-14 A	01-Nov-14	58d
NHT3760	Trench excavation for 250mm main pipeline with 50 mm dist. Pipe from sta.A5+170 to A5+800 length approx	15d	95%	23-Jun-14 A	01-Nov-14	58d
NHT3763	Bedding (crushed stone) and install the above main and distribution Steel pipe with welding inspection (630 LI	15d	95%	24-Jun-14 A	01-Nov-14	58d
NHT3766	Backfill the pipe trench with (single size aggregate) to the required level (630 LM)	15d	95%	24-Jun-14 A	01-Nov-14	58d
House connection		14d		24-Aug-14 A	27-Aug-14 A	
NHT3769	House connection	14d	100%	24-Aug-14 A	27-Aug-14 A	
Chamber work		13d		28-Oct-14 A	13-Nov-14	73d
NHT3810	Construct -250mm flow monitoring chamber @ Sta.A5+725	13d	10%	28-Oct-14 A	13-Nov-14	73d
Testing		1d		22-Jun-14 A	22-Jun-14 A	
NHT3815	Radiographic Testing (RT)	1d	100%	22-Jun-14 A	22-Jun-14 A	
Base course		21d		26-May-14 A	09-Sep-14 A	
NHT3830	Subgrad and install first and second layer of 20 cm base course for widening the road	21d	100%	26-May-14 A	09-Sep-14 A	
SEG.A From Sta.A3+320 to Sta.A5+800 RHS & LHS (Asphalt -work)		5d		14-Sep-14 A	03-Nov-14	90d
NHT3850	7 cm Asphalt wearing layer for road widening & 5cm overlay asphalt above milling road area including prime	5d	50%	14-Sep-14 A	03-Nov-14	90d
SEG.A From Sta.A5+800 to Sta. 6+630 RHS & LHS		120d		15-Oct-14 A	14-Mar-15	3d
Safety, Excavation, Pipe Culvert and storm system		94d		15-Oct-14 A	14-Mar-15	3d
NHT3860	Maintain traffic control and safety plan ,coordination for relocation utilities and others	89d	30%	15-Oct-14 A	14-Mar-15	3d
NHT4180	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work LHS	13d	30%	19-Oct-14 A	11-Nov-14	-1d
NHT3870	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work RHS	13d	30%	19-Oct-14 A	11-Nov-14	59d
Pipe Installation		0d				0d
200 mm main pipeline with 100 mm dist. Pipe		0d				0d
200 mm main pipeline with 150 mm dist. Pipe		0d				0d
House connection		0d				0d
Testing		0d				0d
Base course		0d				0d
Side walk and asphalt		0d				0d
SEG.A From Sta.A6+630 to Sta. 7+460 RHS &LHS		153d		16-Oct-14 A	13-Apr-15	15d
Safety, Excavation and storm system		120d		16-Oct-14 A	13-Apr-15	13d
NHT4010	Maintain traffic control and safety plan ,coordination for relocation utilities and others	118d	30%	16-Oct-14 A	13-Apr-15	-15d
NHT4280	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work LHS	13d	30%	19-Oct-14 A	11-Nov-14	-8d



Milestone Early Bar | Actual Level of Effort | Level of Effort
Actual Work | Early Bar | Summary
Milestone Actual | Critical Bar

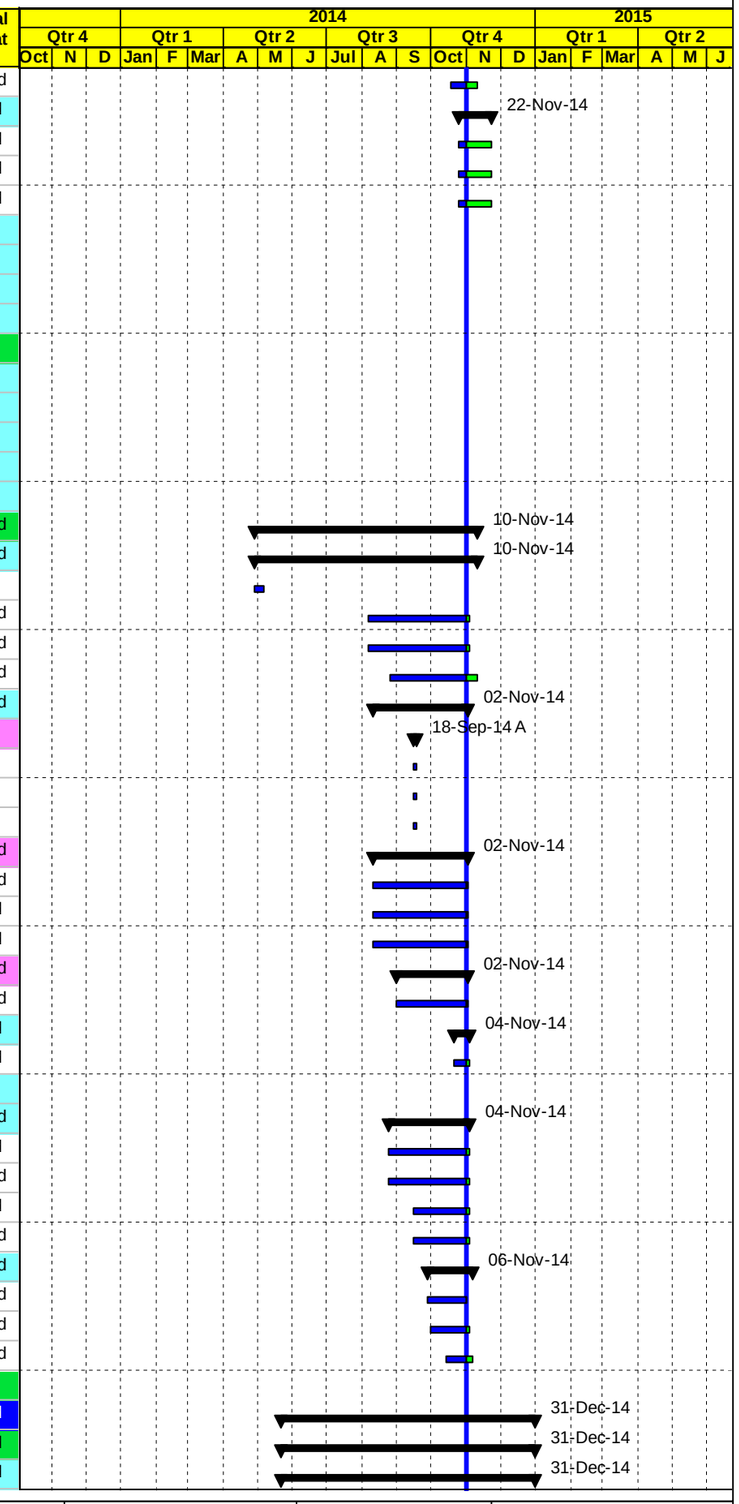
Date	Revision	Checked	Approved
03-Nov-14			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO15
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
NHT4020	Saw Cut to Existing Asphalt and Excavation for reconstruction road including subgrade work RHS	13d	30%	19-Oct-14 A	11-Nov-14	130d
Pipe Installation		21d		26-Oct-14 A	22-Nov-14	56d
NHT4040	Trench excavation for 200mm main pipeline with 150 mm dist. Pipe from A6+630 to sta.A7+406.6 length (7	21d	20%	26-Oct-14 A	22-Nov-14	48d
NHT4050	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (777	21d	20%	26-Oct-14 A	22-Nov-14	56d
NHT4060	Backfill the pipe trench with (single size aggregate) to the required level RHS	21d	20%	26-Oct-14 A	22-Nov-14	13d
Chamber work		0d				0d
Testing		0d				0d
Base course , street lighting		0d				0d
Side walk andasphalt		0d				0d
SEG.A Road From Sta. 7+460 to Sta. A8+203		0d				0d
Safety and Excavation		0d				0d
Pipe Installation		0d				0d
Chamber Work		0d				0d
Testing		0d				0d
Base course and Asphalt		0d				0d
SEG.B From Sta. B0+000 to Sta. B0+985 RHS & LHS		197d		29-Apr-14 A	10-Nov-14	170d
Safety, Excavation and Storm system		107d		29-Apr-14 A	10-Nov-14	131d
NHT4650	Removing Asphalt	5d	100%	29-Apr-14 A	07-May-14 A	
NHT4640	Excavation for reconstruction road including subgrade work LHS	9d	60%	07-Aug-14 A	04-Nov-14	135d
NHT4480	Excavation for reconstruction road including subgrade work RHS	10d	60%	07-Aug-14 A	04-Nov-14	135d
NHT4490	Construct 600 &400 mm concrete pipe for storm sytem with manholes & catch basin from B0+110 to B0+230	28d	70%	26-Aug-14 A	10-Nov-14	131d
Pipe Installation		58d		11-Aug-14 A	02-Nov-14	138d
100 mm main pipeline from		3d		16-Sep-14 A	18-Sep-14 A	
NHT4510	Trench excavation for 100 mm main pipeline from B0+010 to sta.B0+100 with length approx. (90 LM) RHS	3d	100%	16-Sep-14 A	18-Sep-14 A	
NHT4513	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (90 LM	3d	100%	16-Sep-14 A	18-Sep-14 A	
NHT4515	Backfill the pipe trench with (single size aggregate) to the required level (90 LM) RHS	3d	100%	16-Sep-14 A	18-Sep-14 A	
100 mm main pipeline with 100 mm dist. Pipe		13d		11-Aug-14 A	02-Nov-14	138d
NHT4520	Trench excavation for 100mm main pipeline with 100 mm dist. Pipe from B0+100 to sta. B0+985 with lengtl	13d	90%	11-Aug-14 A	02-Nov-14	138d
NHT4530	Bedding (crushed stone) and install the above main and distribution Steel pipes with welding inspection (885 L	13d	90%	11-Aug-14 A	02-Nov-14	51d
NHT4540	Backfill the pipe trench with (single size aggregate) to the required level RHS	13d	90%	11-Aug-14 A	02-Nov-14	29d
House connection		14d		01-Sep-14 A	02-Nov-14	138d
NHT4545	House connection	14d	90%	01-Sep-14 A	02-Nov-14	138d
Chamber work		12d		21-Oct-14 A	04-Nov-14	88d
NHT4630	BFV Chamber @ 0+010	12d	70%	21-Oct-14 A	04-Nov-14	88d
Testing		0d				0d
Base course , street lighting ,		49d		25-Aug-14 A	04-Nov-14	135d
NHT4660	20 cm thick for first base course layer LHS	12d	70%	25-Aug-14 A	04-Nov-14	93d
NHT4570	20 cm thick for first base course layer RHS	12d	70%	25-Aug-14 A	04-Nov-14	135d
NHT4670	20 cm thick for second base course layer LHS	12d	70%	15-Sep-14 A	04-Nov-14	35d
NHT4580	20 cm thick for second base course layer RHS	12d	70%	15-Sep-14 A	04-Nov-14	100d
Side walk an asphalt		31d		28-Sep-14 A	06-Nov-14	134d
NHT4600	5cm asphalt binder course including prime coat	3d	70%	28-Sep-14 A	01-Nov-14	106d
NHT4610	Construct curbstone after Saw cut the edge of asphalt binder course	7d	60%	01-Oct-14 A	03-Nov-14	136d
NHT4620	Reinforced concrete side walks, ramps and stairs included 15 cm base course under side walk	9d	40%	15-Oct-14 A	06-Nov-14	125d
Asphalt for SEG. A5+800 to 8+203 A & B		0d				0d
Group Three Seg D		49d		22-May-14 A	31-Dec-14	16d
SEG.D From Sta.D0+518 to Sta.D0+000 (Non-Residential area)		49d		22-May-14 A	31-Dec-14	16d
Safety, Excavation and Concrete Works		41d		22-May-14 A	31-Dec-14	10d



Milestone Early Bar | Actual Level of Effort | Level of Effort
Actual Work | Early Bar | Summary
Milestone Actual | Critical Bar

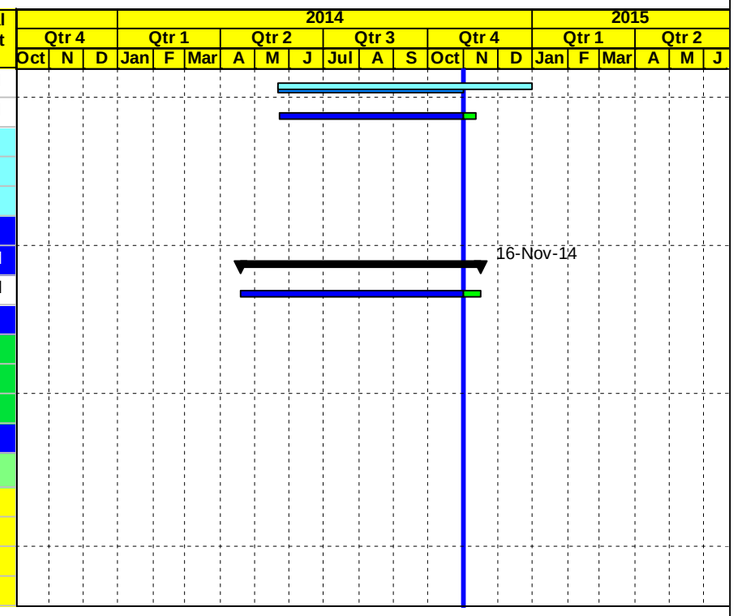
Date	Revision	Checked	Approved
03-Nov-14			

APCO ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO15
Nahaleen Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
NHT3450	Maintain traffic control and safety plan ,coordination for relocation utilities and others	41d	0%	22-May-14 A	31-Dec-14	10d
NHT3460	Excavation and R.concrete foundation supports for main pipeline	18d	40%	24-May-14 A	12-Nov-14	10d
Pipe Installation		0d				0d
Chamber work		0d				0d
Testing		0d				0d
Detours (If any)		0d				0d
Miscellaneous activities - If any as location is not determined yet		21d		19-Apr-14 A	16-Nov-14	118d
NHT4810	Stone Wall	21d	40%	19-Apr-14 A	16-Nov-14	118d
Final Mechanical connection		0d				0d
Safety		0d				0d
Mechanical		0d				0d
Final Disinfection and Pressure Testing		0d				0d
Road Finishing work for SEG. A , B, C & E		0d				0d
Post Construction Phase		0d				0d
Post Submittals		0d				0d
Start up, Training and commissioning		0d				0d
Demobilization		0d				0d
Post Construction activities		0d				0d



Milestone Early Bar
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

Date	Revision	Checked	Approved
03-Nov-14			

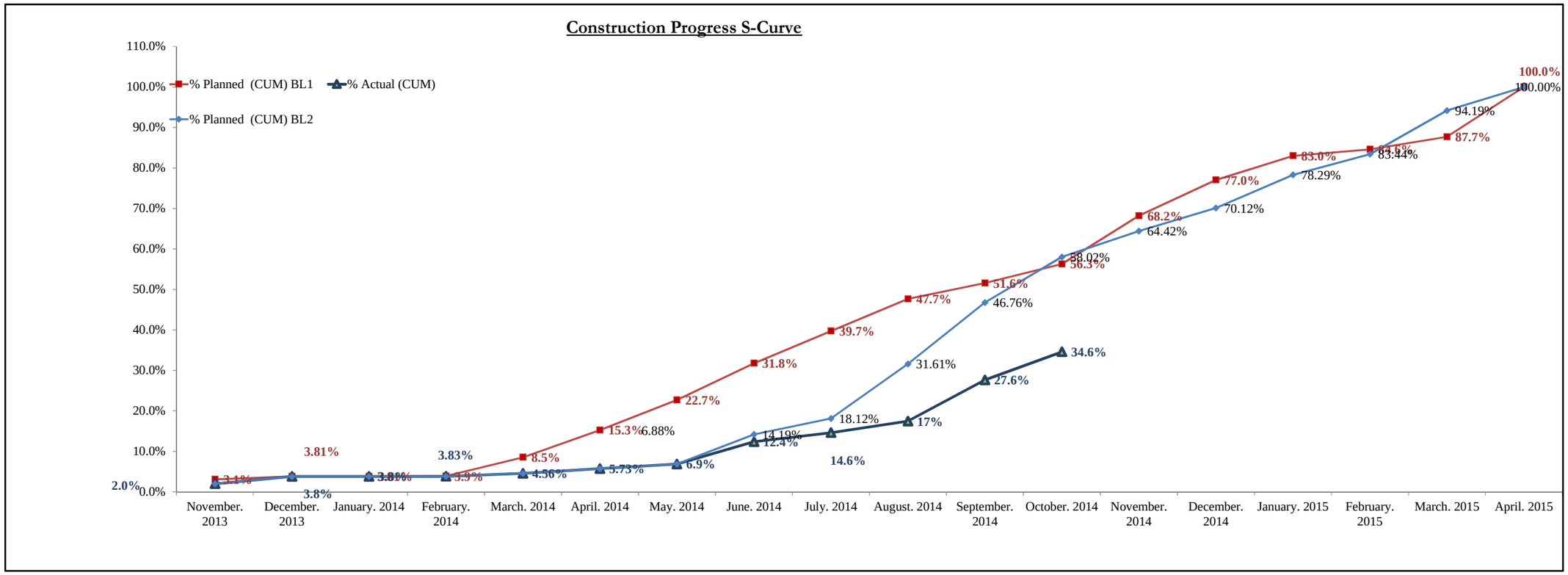
C | Progress S-Curve Versus Actual

Construction Progress S-Curve

Total Contract Value $ 12,214,885
Total Contract Value (Day Work Not Included): $ 11,614,885
Project Duration : 540 Calender Days
NTP Date: 7-Nov-13

*** Day Work Not Included**

	November. 2013	December. 2013	January. 2014	February. 2014	March. 2014	April. 2014	May. 2014	June. 2014	July. 2014	August. 2014	September. 2014	October. 2014	November. 2014	December. 2014	January. 2015	February. 2015	March. 2015	April. 2015	TOTAL
Planned Value (Baseline1)	$ 360,336	$ 82,135		$ 9,408	$ 540,287	$ 780,466	$ 862,021	$ 1,054,284	$ 924,726	$ 922,757	$ 452,623	$ 547,975	$ 1,382,816	$ 1,028,935	$ 692,890	$ 186,458	$ 358,238	$ 1,428,527	$11,614,885
Planned Value (CUM)	$ 360,336	$ 442,472	$ 442,472	$ 451,880	$ 992,168	$ 1,772,634	$ 2,634,655	$ 3,688,939	$ 4,613,664	$ 5,536,422	$ 5,989,045	$ 6,537,020	$ 7,919,836	$ 8,948,771	$ 9,641,661	$ 9,828,119	$ 10,186,358	$ 11,614,885	
% Planned	3.1%	0.7%	0.00%	0.1%	4.7%	6.7%	7.4%	9.1%	8.0%	7.9%	3.9%	4.7%	11.9%	8.9%	6.0%	1.6%	3.1%	12.3%	**100%**
% Planned (CUM) BL1	3.1%	3.81%	3.81%	3.9%	8.5%	15.3%	22.7%	31.8%	39.7%	47.7%	51.6%	56.3%	68.2%	77.0%	83.0%	84.6%	87.7%	100.0%	
Planned Value (Baseline2)	$ 231,915	$ 210,557		$ 2,395	$ 84,283	$ 136,932	$ 132,560	$ 849,461	$ 456,984	$ 1,566,051	$ 1,759,895	$ 1,307,745	$ 743,353	$ 662,285	$ 948,680	$ 597,896	$ 1,248,911	$ 674,982	**$ 11,614,885**
Planned Value (CUM)	$ 231,915	$ 442,472	$ 442,472	$ 444,867	$ 529,150	$ 666,082	$ 798,642	$ 1,648,103	$ 2,105,087	$ 3,671,138	$ 5,431,033	$ 6,738,778	$ 7,482,131	$ 8,144,416	$ 9,093,096	$ 9,690,992	$ 10,939,903	$ 11,614,885	
% Planned	2.0%	1.8%	0.0%	0.0%	0.7%	1.2%	1.1%	7.3%	3.9%	13.5%	15.2%	11.3%	6.4%	5.7%	8.2%	5.1%	10.8%	5.8%	**100.00%**
% Planned (CUM) BL2	2.00%	3.81%	3.81%	3.83%	4.56%	5.73%	6.88%	14.19%	18.12%	31.61%	46.76%	58.02%	64.42%	70.12%	78.29%	83.44%	94.19%	100.00%	
Actual Value	$ 231,915	$ 210,557		$ 2,395	$ 84,283	$ 136,932	$ 132,560	$ 638,960	$ 260,692	$ 329,978	$ 1,181,095	$ 807,479							**$ 4,016,846**
Actual Value (CUM)	$ 231,915	$ 442,472	$ 442,472	$ 444,867	$ 529,150	$ 666,082	$ 798,642	$ 1,437,602	$ 1,698,294	$ 2,028,272	$ 3,209,367	$ 4,016,846							
% Actual	2.0%	1.8%	0.0%	0.02%	0.73%	1.18%	1.14%	5.50%	2.24%	2.84%	10.17%	6.95%							**34.6%**
% Actual (CUM)	2.0%	3.8%	3.8%	3.83%	4.56%	5.73%	6.9%	12.4%	14.6%	17%	27.6%	34.6%							



D | Site Memos Log

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-12-00005
TASK ORDER #15, Nahaleen Main Pipeline Project
Site Memo Log (E-C)

SUBMITTAL				TRACKING DATES	
Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00015-NHT-E-C-001	Walkthrough of Nahaleen Pipeline Project	NHT	01/02/14	Site Instruction
	SM-13-00015-NHT-E-C-002	Response to SM-13-00015-NHT-C-E-001	NHT	01/08/14	Other
	SM-13-00015-NHT-E-C-003	Revised Drawing (Plan and Profile) from Sta.A0+000 to Sta.A1+400	NHT	02/03/14	Site Instruction
	SM-13-00015-NHT-E-C-004	Revised Drawing from Sta.B0+000 to Sta.0+983	NHT	02/11/14	Site Instruction
	SM-13-00015-NHT-E-C-005	50 mm Distribution Pipeline Extension	NHT	02/26/14	Site Instruction
	SM-13-00015-NHT-E-C-006	Revise Typical Section from Sta.A3+320 to Sta.A5+720	NHT	03/04/14	Site Instruction
	SM-13-00015-NHT-E-C-007	Existing Street Lighting Poles' Condition	NHT	03/25/14	Site Instruction
	SM-13-00015-NHT-E-C-008	Construction of Stone Walls at Segment A from Sta.A0+000 to Sta.1+400	NHT	04/10/14	Site Instruction
	SM-13-00015-NHT-E-C-009	Stone Walls and Boundary Walls at Segment B	NHT	04/17/14	Site Instruction
	SM-13-00015-NHT-E-C-010	Existing Stone Wall from Sta.A0+480 to Sta.A1+430	NHT	04/20/14	Site Instruction
	SM-13-00015-NHT-E-C-011	Internal Network Distribution Pipes	NHT	05/04/14	Site Instruction
	SM-13-00015-NHT-E-C-012	Joint Walkthrough at Segment C,E and A from Sta.A1+400 to Sta.A3+200	NHT	05/05/14	Record of Joint Walkthrough
	SM-13-00015-NHT-E-C-013	Steel Pipes' End Caps	NHT	05/05/14	Record of Unsatisfactory Work Practice
	SM-13-00015-NHT-E-C-014	Slow Rate of Progress and Project Delays	NHT	05/12/14	Site Instruction
	SM-13-00015-NHT-E-C-015	Response to SM-13-00015-NHT-C-E-002	NHT	05/13/14	Site Instruction
	SM-13-00015-NHT-E-C-016	Box Culvert at Sta.A0+951.6	NHT	05/28/14	Site Instruction
	SM-13-00015-NHT-E-C-017	Stone Wall Mockup Sample	NHT	06/03/14	Site Instruction
	SM-13-00015-NHT-E-C-018	Utilizing plastic bags in replacement of per-cast Jersey Barriers	NHT	06/17/14	Record of Unsafe Condition
	SM-13-00015-NHT-E-C-019	Damages to Existing Stone Walls	NHT	06/17/14	Site Instruction
	SM-13-00015-NHT-E-C-020	Installation of 4" future ducts from Sta.A5+390 to Sta.A5+440	NHT	06/29/14	Site Instruction
	SM-13-00015-NHT-E-C-021	Replacement of Unsuitable Sub Grade Material	NHT	07/02/14	Site Instruction
	SM-13-00015-NHT-E-C-022	Pipes storing and end caps	NHT	07/16/14	Record of Unsatisfactory Work Practice
	SM-13-00015-NHT-E-C-023	Construction of stone walls	NHT	07/22/14	Site Instruction
	SM-13-00015-NHT-E-C-024	Installation of 6" Future Ducts from Sta.A0+000 to Sta.A1+400	NHT	08/05/14	Site Instruction
	SM-13-00015-NHT-E-C-025	50 mm Distribution Pipeline Extension	NHT	08/05/14	Site Instruction
	SM-13-00015-NHT-E-C-026	Excavation and backfilling works for the high tension underground cable	NHT	08/25/14	Site Instruction
	SM-13-00015-NHT-E-C-027	Response to SM-13-00015-NHT-C-E-005	NHT	08/25/14	Site Instruction

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-12-00005
TASK ORDER #15, Nahaleen Main Pipeline Project
Site Memo Log (E-C)

SUBMITTAL				TRACKING DATES	
Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00015-NHT-E-C-028	RT result and welding quality	NHT	09/09/14	Record of Non Quality Compliance
	SM-13-00015-NHT-E-C-029	Concrete finish quality of step barriers at segment A	NHT	09/09/14	Site Instruction & Record of Non Quality Compliance
	SM-13-00015-NHT-E-C-030	Washing of trees at segment A	NHT	09/10/14	Site Instruction
	SM-13-00015-NHT-E-C-031	Stockpiling area at Sta.A 0+400 at RHS.	NHT	09/10/14	Site Instruction
	SM-13-00015-NHT-E-C-032	Land restoration	NHT	09/10/14	Site Instruction
	SM-13-00015-NHT-E-C-033	Detour road at Sta.A 0+600 to Sta.A 0+950	NHT	09/10/14	Site Instruction & Record of Unsafe Condition
	SM-13-00015-NHT-E-C-034	Pipe culvert at Sta.A 1+360	NHT	09/10/14	Site Instruction
	SM-13-00015-NHT-E-C-035	Trench reinstatement at segment A	NHT	09/10/14	Site Instruction
	SM-13-00015-NHT-E-C-036	Simple access road at segment A	NHT	09/10/14	Site Instruction
	SM-13-00015-NHT-E-C-037	Corrosion protection	NHT	09/10/14	Site Instruction
	SM-13-00015-NHT-E-C-038	Topping layer at segment A	NHT	09/10/14	Site Instruction
	SM-13-00015-NHT-E-C-039	Simple access road at segment A and B	NHT	09/22/14	Site Instruction
	SM-13-00015-NHT-E-C-040	Septic tank within ROW	NHT	09/23/14	Site Instruction
	SM-13-00015-NHT-E-C-041	response to site memo(SM-13-00015-NHT-C-E-009)	NHT	09/25/14	Site Instruction
	SM-13-00015-NHT-E-C-042	Locations, quantities, pressure rating and reference details for all chambers	NHT	09/29/14	Site Instruction
	SM-13-00015-NHT-E-C-043	Quality of base course material at segment A	NHT	09/30/14	Site Instruction &Record of Non Quality Compliance
	SM-13-00015-NHT-E-C-044	Excavation and backfilling works for the high tension underground cable	NHT	10/27/14	Site Instruction
	SM-13-00015-NHT-E-C-045	Shop drawing of Husan road	NHT	10/27/14	Site Instruction
	SM-13-00015-NHT-E-C-046	Existing 3 inch pipeline from Sta.A 6+200 to Sta.A 6+800	NHT	10/27/14	Site Instruction

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Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00015-NHT-C-E-001	Walkthrough of Nahaleen Pipeline Project	NHT	01/05/14	Other
	SM-13-00015-NHT-C-E-002	Revised Drawings from Sta.B0+000 to Sta.B0+983	NHT	05/04/14	Other
	SM-13-00015-NHT-C-E-003	Correction action regard Site Memo # SM-13-00015-NHT-E-C-013	NHT	05/11/14	Other
	SM-13-00015-NHT-C-E-004	Confirmation of verbal site instruction(Additional Road Widening RHS from sta.3+300 to sta.3+700)	NHT	06/16/14	Record of verbal Site Instruction
	SM-13-00015-NHT-C-E-005	Unsuitable subgrade material from Sta.B 0+200 to Sta.B 0+400	NHT	08/21/14	Other
	SM-13-00015-NHT-C-E-006	Notification to stop work from (Civil Administration of Judea and Samaria) Supreme regulation Council	NHT	08/25/14	Other
	SM-13-00015-NHT-C-E-007	Response to SM-13-00015-NHT-E-C-029 (Concrete finish quality of step barriers at segment A.)	NHT	09/10/14	Other
	SM-13-00015-NHT-C-E-008	Response to SM-13-00015-NHT-E-C-028 (RT result and welding quality)	NHT	09/10/14	Other
	SM-13-00015-NHT-C-E-009	Unsuitable Subgrade materials from Sta.B 0+400 to St.B0+680	NHT	09/18/14	Other
	SM-13-00015-NHT-C-E-010	Response to SM-13-00015-NHT-E-C-045 (Shop drawing of Husan road)	NHT	10/29/14	Other

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	IR-13-00015-NHT-001-A	Control points and natural ground level from Sta.A 0+000 to Sta.A 1+400 & from Sta.A 3+320 to Sta.A 5+800	01/21/14	01/21/14	01/21/14	0	A
	IR-13-00015-NHT-002-A	Control points and natural ground level from Sta.A 1+400 to Sta.A 3+320 & from Sta.A 5+800 to Sta.A 8+214	01/21/14	01/21/14	01/21/14	0	A
	IR-13-00015-NHT-003-A	Center line location and elevation and Bench mark locations and elevation	01/23/14	01/26/14	01/27/14	1	C
	IR-13-00015-NHT-003-B	Center line location and elevation and Bench mark locations and elevation	01/28/14	01/28/14	01/28/14	0	A
	IR-13-00015-NHT-004-A	475.8 ML of 10 inch steel pipes with 1/4 inch wall thickness , 4.5 mm min cement lining and 2 mm external PE layer	02/23/14	02/23/14	02/24/14	1	A
	IR-13-00015-NHT-005-A	Traffic plan from Sta.A 0+000 to Sta.A 1+400	02/23/14	02/24/14	02/25/14	1	A
	IR-13-00015-NHT-006-A	Welders testing	02/24/14	02/27/14	03/03/14	4	A
	IR-13-00015-NHT-007-A	(1232.20)ML of 10 inch steel pipe with 1/4 inch wall thickness, 4.5 mm min cement lining and 2 mm external PE layer & (140) piece of shrinkable sheet(CANUSA)	02/25/14	02/25/14	02/26/14	1	A
	IR-13-00015-NHT-008-A	Start excavation the foundation of retaining wall from Sta.A 0+129 to Sta.A 0+210 at RHS	03/16/14	03/16/14	03/17/14	1	A
	IR-13-00015-NHT-009-A	Alignment foundation of retaining wall From Sta.A0+129 to Sta.A 0+210 at RHS	03/27/14	03/29/14	03/30/14	1	A
	IR-13-00015-NHT-010-A	Start cast blinding concrete under foundation for retaining wall from Sta.A 0+125 to Sta.A 0+205 at RHS	04/01/14	04/01/14	04/02/14	1	A
	IR-13-00015-NHT-011-A	Start cast blinding concrete under foundation for retaining wall for from Sta.E 1+100 to Sta.E 1+116 at LHS	04/06/14	04/06/14	4/6/2014	0	A
	IR-13-00015-NHT-012-A	Reinforcement steel and formwork of foundation for retaining wall from Sta.E 1+100 to Sta.E 1+116 at LHS	04/10/14	04/12/14	04/13/14	1	A
	IR-13-00015-NHT-013-A	Reinforcement steel and formwork of foundation for retaining wall (RHS) from Sta.A 0+168.5 to Sta.A 0+205	04/10/14	04/12/14	04/13/14	1	A
	IR-13-00015-NHT-014-A	12 inch , 10 inch steel pipe before start coating and (2 inch GSP)(ready) before transmitting to the site	04/23/14	04/24/14	04/24/14	0	A
	IR-13-00015-NHT-015-A	Reinforcement steel and form work of foundation for retaining wall from Sta.A 0+157 to St.A 0+168.5 at RHS	04/15/14	04/15/14	04/16/14	1	A
	IR-13-00015-NHT-016-A	Reinforcement steel for stem for retaining wall from Sta.E 1+100 to Sta.E 1+116 at LHS	04/15/14	04/16/14	04/16/14	0	A
	IR-13-00015-NHT-017-A	Reinforcement steel and form work for foundation prior cast concrete for retaining wall from Sta.A 0+144 to Sta.A 0+157 at RHS	04/17/14	04/17/14	04/17/14	0	A
	IR-13-00015-NHT-018-A	Form work for stem prior cast concrete (LHS) retaining wall from Sta.E 1+100 to Sta.E 1+116	04/17/14	04/19/14	04/20/14	1	A

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	IR-13-00015-NHT-019-A	Excavation and leveling under stone from Sta.B 0+160 to Sta.B 0+200	04/17/14	04/19/14	04/20/14	1	A
	IR-13-00015-NHT-020-A	Mockup of stone wall from Sta.B 0+187 to Sta.B 0+190 at RHS	04/21/14	04/21/14	04/22/14	1	C
	IR-13-00015-NHT-021-A	Form work and reinforcement steel for foundation prior cast concrete from Sta.A 0+130.92 to Sta.A 1+144.19 at RHS	04/21/14	04/21/14	04/22/14	1	A
	IR-13-00015-NHT-022-A	Form work and reinforcement steel for foundation prior cast concrete from Sta.A 0+125 to Sta.A 0+130.92 at RHS	04/23/14	04/23/14	04/24/14	1	A
	IR-13-00015-NHT-023-A	Reinforcement steel for stem of retaining wall from Sta.A 0+168.77 to Sta.A 0+194.84	04/24/14	04/24/14	04/24/14	0	C
	IR-13-00015-NHT-023-B	Reinforcement steel for stem of retaining wall from Sta.A 0+168.77 to Sta.A 0+194.84	04/27/14	04/27/14	04/27/14	0	A
	IR-13-00015-NHT-024-A	Bottom level for benching from Sta.A 0+230 to Sta.A 0+370 at RHS	04/24/14	04/26/14	04/27/14	1	A
	IR-13-00015-NHT-025-A	Formwork for Stem of retaining wall from Sta.A 0+168.77 to Sta.A 0+194.84 at RHS	04/24/14	04/26/14	04/27/14	1	A
	IR-13-00015-NHT-026-A	Reinforcement steel for stem of retaining wall from Sta.A 0+144.19 to Sta.A 0+156.95 at RHS	04/27/14	04/27/14	04/27/14	0	A
	IR-13-00015-NHT-027-A	Final formwork for stem of retaining wall from Sta.A 0+168.77 to Sta.A 0+194.84 at RHS	04/27/14	04/28/14	04/29/14	1	C
	IR-13-00015-NHT-027-B	Final formwork for stem of retaining wall from Sta.A 0+168.77 to Sta.A 0+194.84 at RHS	04/29/14	04/29/14	04/29/14	0	A
	IR-13-00015-NHT-028-A	Cast concrete for stem of retaining wall from Sta.A 0+168.77 to Sta.A 0+194.84 at RHS	04/27/14	04/28/14	04/29/14	1	A
	IR-13-00015-NHT-029-A	first layer of benching from Sta.A 0+240 to Sta.A 0+340 at RHS	04/28/14	04/29/14	04/30/14	1	A
	IR-13-00015-NHT-030-A	Levels and alignment of stone wall protection from Sta.A 0+480 to Sta.A 0+574 at LHS	04/28/14	04/30/14	04/30/14	0	A
	IR-13-00015-NHT-031-A	First layer of Bitumen protective coating for foundation and inner face for stem of retaining wall from Sta.E 1+100 to Sta.E 1+116 at LHS	04/29/14	05/03/14	05/05/14	2	C
	IR-13-00015-NHT-031-B	First layer of Bitumen protective coating for foundation and inner face for stem of retaining wall from Sta.E 1+100 to Sta.E 1+116 at LHS	05/08/14	05/08/14	05/08/14	0	A
	IR-13-00015-NHT-032-A	Second layer of benching from Sta.A 0+240 to Sta.A 0+370 at RHS	04/29/14	04/30/14	04/30/14	0	A
	IR-13-00015-NHT-033-A	Reinforcement steel fro stem of retaining wall from Sta.A 0+125 to Sta.A 0+130 at RHS	04/30/14	04/30/14	04/30/14	0	A
	IR-13-00015-NHT-034-A	Rubble concrete under stone wall protection from Sta.A 0+550 to Sta.A 0+572 at LHS	04/30/14	04/30/14	04/30/14	0	A
	IR-13-00015-NHT-035-A	Third layer of benching from Sta.A 0+240 to Sta.A 0+360 at RHS	04/30/14	05/01/14	05/04/14	3	A

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	IR-13-00015-NHT-036-A	Final formwork for stem of retaining wall from Sta.A 0+144.19 to Sta.A 0+156.95 at RHS	04/30/14	05/03/14	05/04/14	1	A
	IR-13-00015-NHT-037-A	Cast concrete for stem of retaining wall from Sta.A 0+144.19 to Sta.A 0+156.95 at RHS	04/30/14	05/03/14	05/04/14	1	A
	IR-13-00015-NHT-038-A	(756.40) LM of 10 inch steel pipes with ¼ inch (6.35 mm) wall thickness , 4.5 mm min cement lining and2 mm external PE layer and (11.5) LM of 10 inch steel pipe with ¼ inch (6.35 mm) wall thickness , 4.5 mm min cement lining and external epoxy coated(63) piece of 10 inch shrinkable sheet with (CPS)	05/01/14	05/04/14	05/04/14	0	C
	IR-13-00015-NHT-038-B	(756.40) LM of 10 inch steel pipes with ¼ inch (6.35 mm) wall thickness , 4.5 mm min cement lining and2 mm external PE layer and (11.5) LM of 10 inch steel pipe with ¼ inch (6.35 mm) wall thickness , 4.5 mm min cement lining and external epoxy coated(63) piece of 10 inch shrinkable sheet with (CPS)	06/07/14	06/07/14	06/07/14	0	A
	IR-13-00015-NHT-039-A	Reinforcement steel for stem of retaining wall from Sta.A 0+194.84 to Sta.A 0+205.65 at RHS	05/03/14	05/04/14	05/05/14	1	A
	IR-13-00015-NHT-040-A	Final formwork for stem of Retaining Wall from Sta.A 0+194.84 to Sta.A 0+205.65 at RHS	05/03/14	05/04/14	05/05/14	1	A
	IR-13-00015-NHT-041-A	Final formwork for stem of Retaining Wall from Sta.A 0+125 to Sta.A 0+130.92 at RHS	05/03/14	05/04/14	05/05/14	1	A
	IR-13-00015-NHT-042-A	Cast concrete for stem of retaining wall from Sta.A 0+125 to Sta.A 0+130.92 at RHS	05/03/14	05/05/14	05/05/14	0	A
	IR-13-00015-NHT-043-A	Cast concrete for stem of retaining wall from Sta.A 0+194.84 .to Sta.A 0+205.65 at RHS	05/03/14	05/05/14	05/05/14	0	A
	IR-13-00015-NHT-044-A	Fourth layer of benching from Sta.A 0+240 .to Sta.A 0+360 at RHS	05/04/14	05/05/14	05/05/14	0	A
	IR-13-00015-NHT-045-A	Reinforcement steel for one side shutter for stone wall concrete protection from Sta.A 0+488 to Sta.A 0+574.10 at LHS	05/06/14	05/07/14	05/08/14	1	A
	IR-13-00015-NHT-046-A	Reinforcement steel for stem of retaining wall from Sta.A 0+130.92 to Sta.A 0+144.19 at RHS	05/06/14	05/07/14	05/08/14	1	A
	IR-13-00015-NHT-047-A	Reinforcement steel for stem of retaining wall from Sta.A 0+156.95 to Sta.A 0+168.77 at RHS	05/06/14	05/07/14	05/08/14	1	A
	IR-13-00015-NHT-048-A	Final formwork for stem of retaining wall from Sta.A 0+130.92 to Sta.A 0+144.19 at RHS	05/11/14	05/11/14	05/12/14	1	A
	IR-13-00015-NHT-049-A	Final form work for stem of retaining wall from Sta.A 0+156.95 to Sta.A 0+168.77 at RHS	05/11/14	05/11/14	05/12/14	1	A

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	IR-13-00015-NHT-050-A	Second layer of bitumen protective coating for foundation and inner face for stem of retaining wall from Sta.E 1+100 to Sta.E 1+116 at LHS	05/11/14	05/11/14	05/11/14	0	A
	IR-13-00015-NHT-051-A	Casting concrete for stem of retaining wall from Sta.A 0+156.95 to Sta.A 0+168.77 at RHS	05/12/14	05/13/14	05/14/14	1	A
	IR-13-00015-NHT-052-A	Casting concrete for stem of retaining wall from Sta.A 0+130.92 to Sta.A 0+144.19 at RHS	05/12/14	05/13/14	05/14/14	1	A
	IR-13-00015-NHT-053-A	Final formwork for one side shutter of concrete protection up to 60 cm high from Sta.A 0+488.5 to Sta.A 0+496 , from Sta.A 0+506 to Sta.A 0+516 and from Sta.A 0+526 to Sta.A 0+536 at LHS	05/12/14	05/13/14	05/14/14	1	A
	IR-13-00015-NHT-054-A	Casting concrete for one side shutter of concrete protection up to 60 cm high from Sta.A 0+488.5 to Sta.A 0+496 , from Sta.A 0+506 to Sta.A 0+516 and from Sta.A 0+526 to Sta.A 0+536 at LHS	05/12/14	05/13/14	05/14/14	1	A
	IR-13-00015-NHT-055-A	Final formwork for one side shutter of concrete protection up to 1.2 m high from Sta.A 0+488.5 to Sta.A 0+496 , from Sta.A 0+506 to Sta.A 0+516 and from Sta.A 0+526 to Sta.A 0+536 at LHS	05/13/14	05/14/14	05/15/14	1	A
	IR-13-00015-NHT-056-A	Final formwork for one side shutter of concrete protection up to 60 m high from Sta.A 0+566 to Sta.A 0+576 at LHS	05/13/14	05/14/14	05/15/14	1	A
	IR-13-00015-NHT-057-A	Cast concrete for one side shutter of concrete protection up to 60 m high from Sta.A 0+566 to Sta.A 0+576 at LHS	05/13/14	05/14/14	05/15/14	1	A
	IR-13-00015-NHT-058-A	Cast concrete for one side shutter of concrete protection up to 1.2 m high from Sta.A 0+488.5 to Sta.A 0+496 , from Sta.A 0+506 to Sta.A 0+516 and from Sta.A 0+526 to Sta.A 0+536 at LHS	05/13/14	05/14/14	05/15/14	1	A
	IR-13-00015-NHT-059-A	Checking the levels and degree of compaction for the 5 the filling layer in the site area from Sta.A 0+240 to Sta.A 0+360 at RHS	05/14/14	05/14/14	05/15/14	1	A
	IR-13-00015-NHT-060-A	Final formwork for one side shutter of concrete protection up to 1.8 m high from Sta.A 0+484.00 to Sta.A 0+494.00 , from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534 at LHS	05/15/14	05/17/14	05/18/14	1	A
	IR-13-00015-NHT-061-A	Final formwork for one side shutter of concrete protection up to 1.2 m high from Sta.A 0+564 to Sta.A 0+574.30 at LHS	05/15/14	05/17/14	05/18/14	1	A
	IR-13-00015-NHT-062-A	Cast concrete for one side shutter of concrete protection up to 1.8 m high from Sta.A 0+484.00 to Sta.A 0+494.00 , from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534 at LHS	05/15/14	05/17/14	05/18/14	1	A
	IR-13-00015-NHT-063-A	Cast concrete for one side shutter of concrete protection up to 1.2 m high from Sta.A 0+564 to Sta.A 0+574.30 at LHS	05/15/14	05/17/14	05/18/14	1	A

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	IR-13-00015-NHT-064-A	Final formwork for one side shutter for wall protection up to 60 cm high from Sta.A 0+546.5 to Sta.A 0+554 at LHS	05/17/14	05/17/14	05/18/14	1	A
	IR-13-00015-NHT-065-A	Cast concrete for one side shutter for wall protection up to 60 cm high from Sta.A 0+546.5 to Sta.A 0+554 at LHS	05/17/14	05/17/14	05/18/14	1	A
	IR-13-00015-NHT-066-A	Excavation and leveling under one side shutter for wall protection from Sta.A 0+614 to Sta.A 0+684 at LHS	05/18/14	05/18/14	05/19/14	1	A
	IR-13-00015-NHT-067-A	Final form work for one side shutter of wall protection up to 1.2 m high from Sta.A 0+560 to Sta.A 0+574.30 at LHS,up to 2.4 m high from Sta.A 0+484 to Sta.A 0+494 , from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534 at LHS and up to 0.6 m high from Sta.A 0+546.5 to Sta.A 0+554 at LHS	05/18/14	05/18/14	05/19/14	1	A
	IR-13-00015-NHT-068-A	Cast concrete for one side shutter of wall protection up to 1.2 m high from Sta.A 0+560 to Sta.A 0+574.30 at LHS,up to 2.4 m high from Sta.A 0+484 to Sta.A 0+494 , from Sta.A 0+504 to Sta.A 0+514 , from Sta.A 0+524 to Sta.A 0+534 at LHS and up to 0.6 m high from Sta.A 0+546.5 to Sta.A 0+554 at LHS	05/18/14	05/18/14	05/19/14	1	A
	IR-13-00015-NHT-069-A	Final formwork for one side shutter of wall protection up to 1.8 m high from Sta.A 0+560 to Sta.A 0+574.30 at LHS,up to 3 m high from Sta.A 0+484 to Sta.A 0+494 , from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534 at LHS,up to 1.2 m high from Sta.A 0+546.5 to Sta.A 0+554 at LHS	05/18/14	05/19/14	05/20/14	1	A
	IR-13-00015-NHT-070-A	Cast concrete for one side shutter of wall protection up to 1.8 m high from Sta.A 0+560 to Sta.A 0+574.30 at LHS, up to 3 m high from Sta.A 0+484 to Sta.A 0+494 , from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534 at LHS,up to 1.2 m high from Sta.A 0+546.5 to Sta.A 0+554 at LHS	05/18/14	05/19/14	05/20/14	1	A
	IR-13-00015-NHT-071-A	First layer of Bitumen protective coat for internal face of retaining wall from Sta.A 0+125 to Sta.A 0+205 at RHS	05/18/14	05/19/14	05/20/14	1	A
	IR-13-00015-NHT-072-A	Start excavation work for Box Culvert and Retaining Wall (Box Culvert) at Sta.A 0+590.50, (Retaining Wall) from Sta.A0+570 to Sta.A 0+595 at RHS and from Sta.A 0+574.1 to Sta.A 0+614 at LHS	05/19/14	05/20/14	05/21/14	1	C

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	IR-13-00015-NHT-072-B	Start excavation work for Box Culvert and Retaining Wall (Box Culvert) at Sta.A 0+590.50, (Retaining Wall) from Sta.A0+570 to Sta.A 0+595 at RHS and from Sta.A 0+574.1 to Sta.A 0+614 at LHS	06/01/14	06/01/14	06/02/14	1	A
	IR-13-00015-NHT-073-A	Final formwork for one side shutter for stone wall protection : up to 3.6 high from Sta.A 0+484 to Sta.A 0+494 at LHS and up to 1.8 m high from Sta.A 0+546.5 to Sta.A 0+554 at LHS	05/20/14	05/20/14	05/21/14	1	A
	IR-13-00015-NHT-074-A	Cast concrete for one side shutter for stone wall protection : up to 3.6 m high from Sta.A 0+484 to Sta.A 0+494 at LHS and up to 1.8 m high from Sta.A 0+546.5 to Sta.A 0+554 at LHS	05/20/14	05/20/14	05/21/14	1	A
	IR-13-00015-NHT-075-A	Final formwork for one side shutter for stone wall protection : up to 60 cm high from Sta.A 0+519 to Sta.A 0+524 at LHS,up to 4.00 m high from Sta.A 0+484 to Sta.A 0+494 at LHS, up to 2.40 m high from Sta.A 0+544 to Sta.A 0+554 and from Sta.A 0+564 to Sta.A 0+574 at LHS	05/20/14	05/21/14	05/21/14	0	A
	IR-13-00015-NHT-076-A	Cast concrete for one side shutter for stone wall protection : up to 60 cm high from Sta.A 0+519 to Sta.A 0+524 at LHS,up to 4.00 m high from Sta.A 0+484 to Sta.A 0+494 at LHS, up to 2.40 m high from Sta.A 0+544 to Sta.A 0+554 and from Sta.A 0+564 to Sta.A 0+574 at LHS	05/20/14	05/21/14	05/21/14	0	A
	IR-13-00015-NHT-077-A	Second layer of Bitumen coat protective for internal face of Retaining Wall from Sta.A 0+125 to Sta.A 0+205 at RHS	05/20/14	05/20/14	05/21/14	1	A
	IR-13-00015-NHT-078-A	Start Backfilling for internal face of Retaining Wall from Sta.A 0+125 to Sta.A 0+205 at RHS	05/20/14	05/21/14	05/22/14	1	C
	IR-13-00015-NHT-078-B	Start Backfilling for internal face of Retaining Wall from Sta.A 0+125 to Sta.A 0+205 at RHS	05/24/14	05/25/14	05/25/14	0	A
	IR-13-00015-NHT-079-A	Reinforcement steel for one side shutter of stone wall protection From Sta.A 0+614 to Sta.A 0+674 at LHS	05/21/14	05/21/14	05/22/14	1	C
	IR-13-00015-NHT-079-B	Reinforcement steel for one side shutter of stone wall protection From Sta.A 0+614 to Sta.A 0+674 at LHS	05/22/14	05/22/14	05/22/14	0	A
	IR-13-00015-NHT-080-A	Final formwork for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS ,up to 1.2 m high from Sta.A 0+514 to Sta.A 0+524 at LHS	05/22/14	05/24/14	05/25/14	1	A

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	IR-13-00015-NHT-081-A	Cast concrete for one side shutter of stone wall protection up to 60 cm from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS &Up to 1.2 m from Sta.A 0+514 to Sta.A 0+524 at LHS	05/22/14	05/24/14	05/25/14	1	A
	IR-13-00015-NHT-082-A	Final formwork for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+614 to Sta.A 0+624, from Sta.A 0+634 to Sta.A 0+644 and from Sta.A 0+654 to Sta.A 0+664 at LHS	05/22/14	05/24/14	05/25/14	1	A
	IR-13-00015-NHT-083-A	Cast concrete for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+614 to Sta.A 0+624, from Sta.A 0+634 to Sta.A 0+644 and from Sta.A 0+654 to Sta.A 0+664 at LHS	05/22/14	05/24/14	05/25/14	1	A
	IR-13-00015-NHT-084-A	Alignment of water pipe line from Sta.D 0+000 to Sta.D 0+512	05/24/14	05/24/14	05/25/14	1	A
	IR-13-00015-NHT-085-A	Alignment of water pipe line from Sta.A 3+850 to Sta.A 4+200	05/26/14	05/26/14	05/26/14	0	A
	IR-13-00015-NHT-086-A	Start excavation for concrete support under water pipeline from Sta.D 0+000 to Sta.D 0+512	05/24/14	05/24/14	05/25/14	1	A
	IR-13-00015-NHT-087-A	Start construct stone wall from Sta.A 0+560 to Sta.A 0+580 at RHS	05/24/14	05/24/14	05/25/14	1	A
	IR-13-00015-NHT-088-A	Final formwork for one side shutter of stone wall protection up to 1.2 m high from Sta.A 0+614 to Sta.A 0+624, from Sta.A 0+634 to Sta.A 0+644 and from Sta.A 0+654 to Sta.A 0+664 at LHS	05/24/14	05/25/14	05/25/14	0	A
	IR-13-00015-NHT-089-A	Cast concrete for one side shutter of stone wall protection up to 1.2 m high from Sta.A 0+614 to Sta.A 0+624, from Sta.A 0+634 to Sta.A 0+644 and from Sta.A 0+654 to Sta.A 0+664 at LHS	05/24/14	05/25/14	05/25/14	0	A
	IR-13-00015-NHT-090-A	Final formwork for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+494 to Sta.A 0+504 at LHS,up to 1.8 m high from Sta.A 0+514 to Sta.A 0+524 at LHS,up to 1.2 m high from Sta.A 0+534 to Sta.0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS	05/24/14	05/25/14	05/25/14	0	A
	IR-13-00015-NHT-091-A	Cast concrete for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+494 to Sta.A 0+504 at LHS,up to 1.8 m high from Sta.A 0+514 to Sta.A 0+524 at LHS,up to 1.2 m high from Sta.A 0+534 to Sta.0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS	05/24/14	05/25/14	05/25/14	0	A
	IR-13-00015-NHT-092-A	Start Trench excavation from Sta.A 3+850 to Sta.A 4+150	05/25/14	05/26/14	05/27/14	1	A
	IR-13-00015-NHT-093-A	Excavation and leveling foundation of one side shutter for stone wall protection from Sta.A 0+700 to Sta.A 0+772.5 at LHS	05/25/14	05/25/14	05/26/14	1	C

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	IR-13-00015-NHT-093-B	Excavation and leveling foundation of one side shutter for stone wall protection from Sta.A 0+700 to Sta.A 0+772.5 at LHS	05/27/14	05/28/14	05/28/14	0	A
	IR-13-00015-NHT-094-A	Cast blinding concrete under concrete support for water pipeline from Sta.D 0+000 to Sta.D 0+512	05/25/14	05/26/14	05/26/14	0	A
	IR-13-00015-NHT-095-A	First layer of backfilling for internal face of retaining wall from Sta.A 0+170 to Sta.A 0+205	05/25/14	05/26/14	05/26/14	0	A
	IR-13-00015-NHT-096-A	Final formwork for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS,up to2.4 m high from Sta.A 0+514 to Sta.A 0+524 at LHS,up to 1.2 high from Sta.A 0+494 to Sta.A 0+504 at LHS	05/25/14	05/26/14	05/26/14	0	A
	IR-13-00015-NHT-097-A	Cast concrete for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS,up to 2.4 m high from Sta.A 0+514 to Sta.A 0+524 at LHS,up to 1.2 high from Sta.A 0+494 to Sta.A 0+504 at LHS	05/25/14	05/26/14	05/26/14	0	A
	IR-13-00015-NHT-098-A	Final formwork for one side shutter of stone wall protection up to 1.8 m from Sta.A 0+614 to Sta.A 0+624, from Sta.A 0+634 to Sta.A 0+644 and from Sta.A 0+654 to Sta.A 0+664 at LHS, up to 60 cm from Sta.A 0+674 to Sta.A 0+684 at LHS	05/25/14	05/26/14	05/26/14	0	A
	IR-13-00015-NHT-099-A	Cast concrete for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+614 to Sta.A 0+624, from Sta.A 0+634 to Sta.A 0+644 and from Sta.A 0+654 to Sta.A 0+664 at LHS, up to 60 cm high from Sta.A 0+674 to Sta.A 0+684 at LHS	05/25/14	05/26/14	05/26/14	0	A
	IR-13-00015-NHT-100-A	Reinforcement steel for stone wall protection from Sta.A 0+674 to Sta.A 0+684 at LHS	05/26/14	05/26/14	05/26/14	0	A
	IR-13-00015-NHT-101-A	Final formwork for one side shutter of stone wall protection up to 1.8 m from Sta.A 0+494 to Sta.A 0+504 at LHS,up to 2.4 m from Sta.A 0+534 to Sta.A 0+544 and form Sta.A 0+554to Sta.A 0+564 at LHS, up to 3 m from Sta.A 0+514 to Sta.A 0+524 at LHS	05/27/14	05/27/14	05/28/14	1	A

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	IR-13-00015-NHT-102-A	Cast concrete for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+494 to Sta.A 0+504 at LHS ,up to 2.4 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS, up to 3 m high from Sta.A 0+514 to Sta.A 0+524 at LHS	05/27/14	05/27/14	05/28/14	1	A
	IR-13-00015-NHT-103-A	Final formwork for one side shutter of stone wall protection up to 2.4 m high from Sta.A 0+614 to Sta.A 0+624 and from Sta.A 0+634 to Sta.A 0+644 at LHS up to 1.2 m high from Sta.A 0+674 to Sta.A 0+684 at LHS	05/27/14	05/27/14	05/28/14	1	A
	IR-13-00015-NHT-104-A	Cast concrete for one side shutter of stone wall protection up to 2.4 m high from Sta.A 0+614 to Sta.A 0+624 and from Sta.A 0+634 to Sta.A 0+644 at LHS,up to 1.2 m high from Sta.A 0+674 to Sta.A 0+684 at LHS	05/27/14	05/27/14	05/28/14	1	A
	IR-13-00015-NHT-105-A	Final formwork for one side shutter of stone wall protection up to 2.4 m high from Sta.A 0+494 to Sta.A 0+504 ,up to 3.0 m high form Sta.A 0+534 to Sta.A 0+544 and form Sta.A 0+554 to Sta.A 0+564 at LHS,up to 3.60 m high from Sta.A 0+514 to Sta.A 0+524 at LHS	05/27/14	05/28/14	05/29/14	1	A
	IR-13-00015-NHT-106-A	Cast concrete for one side shutter of stone wall protection up to 2.4 m high from Sta.A 0+494 to Sta.A 0+504 ,up to 3.0 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS,up to 3.60 m high from Sta.A 0+514 to Sta.A 0+524 at LHS	05/27/14	05/28/14	05/29/14	1	A
	IR-13-00015-NHT-107-A	Final formwork for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+674 to Sta.A 0+684 at LHS	05/27/14	05/28/14	05/29/14	1	A
	IR-13-00015-NHT-108-A	Cast concrete for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+674 to Sta.A 0+684 at LHS	05/27/14	05/28/14	05/29/14	1	A
	IR-13-00015-NHT-109-A	Reinforcement steel for one side shutter of stone wall protection from Sta.A 0+702 .5 to Sta.A 0+717 at LHS	05/27/14	05/28/14	05/29/14	1	A
	IR-13-00015-NHT-110-A	Final formwork for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+624 to Sta.A 0+634 ,from Sta.A 0+644 to Sta.A 0+654 , from Sta.A 0+664 to Sta.A 0+674 , and from Sta.A0+717 to Sta.A0+730 at LHS	05/29/14	05/31/14	06/01/14	1	A

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	IR-13-00015-NHT-111-A	Cast concrete for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+624 to Sta.A 0+634 ,from Sta.A 0+644 to Sta.A 0+654 , from Sta.A 0+664 to Sta.A 0+674 , and from Sta.A0+717 to Sta.A0+730 at LHS	05/29/14	05/31/14	06/01/14	1	A
	IR-13-00015-NHT-112-A	Final formwork for one side shutter of stone wall protection up to 3.0 m high from Sta.A 0+494 to Sta.A 0+504, up to 3.6 m high ,from Sta.A 0+554 to Sta.A 0+564 at LHS,up to 4.20 m high from Sta.A 0+514 to Sta.A 0+524 at LHS	05/29/14	05/31/14	06/01/14	1	A
	IR-13-00015-NHT-113-A	Cast concrete for one side shutter of stone wall protection up to 3.0 m high from Sta.A 0+494 to Sta.A 0+504, up to 3.6 m high ,from Sta.A 0+554 to Sta.A 0+564 at LHS,up to 4.20 m high from Sta.A 0+514 to Sta.A 0+524 at LHS	05/29/14	05/31/14	06/01/14	1	A
	IR-13-00015-NHT-114-A	Reinforcement steel for one side shutter of stone wall protection from Sta.A 0+717 to Sta.A 0+772.5 at LHS	05/31/14	06/01/14	06/02/14	1	C
	IR-13-00015-NHT-114-B	Reinforcement steel for one side shutter of stone wall protection from Sta.A 0+717 to Sta.A 0+772.5 at LHS	06/03/14	06/03/14	06/04/14	1	A
	IR-13-00015-NHT-115-A	Final formwork for one side shutter of stone wall protection up to 1.2 m high from Sta.A 0+624 to Sta.A 0+634 , from Sta.A 0+644 to Sta.A 0+654 and from Sta.A 0+664 to Sta.A 0+674 at LHS	05/31/14	06/01/14	06/01/14	0	A
	IR-13-00015-NHT-116-A	Cast concrete for one side shutter of stone wall protection up to 1.2 m high from Sta.A 0+624 to Sta.A 0+634 , from Sta.A 0+644 to Sta.A 0+654 and from Sta.A 0+664 to Sta.A 0+674 at LHS	05/31/14	06/01/14	06/01/14	0	A
	IR-13-00015-NHT-117-A	Final formwork for one side shutter of stone wall protection up to 4.8 m high from Sta.A 0+514 to Sta.A 0+524 at LHS	05/31/14	06/01/14	06/01/14	0	A
	IR-13-00015-NHT-118-A	Cast concrete for one side shutter of stone wall protection up to 4.8 m high from Sta.A 0+514 to Sta.A 0+524 at LHS	05/31/14	06/01/14	06/01/14	0	A
	IR-13-00015-NHT-119-A	Final formwork for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+624 to Sta.A 0+634, from Sta.A 0+644 to Sta.A 0+654, from Sta.A 0+664 to Sta.A 0+674 at LHS,up to 60 cm from Sta.A 0+704 to Sta.A 0+714 at LHS	06/01/14	06/02/14	06/02/14	0	A

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	IR-13-00015-NHT-120-A	Cast concrete for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+624 to Sta.A 0+634, from Sta.A 0+644 to Sta.A 0+654, from Sta.A 0+664 to Sta.A 0+674 at LHS,up to 60 cm from Sta.A 0+704 to Sta.A 0+714 at LHS	06/01/14	06/02/14	06/02/14	0	A
	IR-13-00015-NHT-121-A	Final formwork for one side shutter of stone wall protection up to 1.2 m from Sta.A 0+704 to Sta.A 0+714 and from Sta.A 0+724 to Sta.A 0+734 at LHS	06/02/14	06/03/14	06/04/14	1	A
	IR-13-00015-NHT-122-A	Cast concrete for one side shutter of stone wall protection up to 1.2 m from Sta.A 0+704 to Sta.A 0+714 and from Sta.A 0+724 to Sta.A 0+734 at LHS	06/02/14	06/03/14	06/04/14	1	A
	IR-13-00015-NHT-123-A	Final formwork for one side shutter of stone wall protection up to 1.8 m from Sta.A 0+714 to Sta.A 0+724 & from Sta.A 0+724 to Sta.A 0+734 at LHS	06/02/14	06/03/14	06/04/14	1	A
	IR-13-00015-NHT-124-A	Cast concrete for one side shutter of stone wall protection up to 1.8 m from Sta.A 0+714 to Sta.A 0+724 & from Sta.A 0+724 to Sta.A 0+734 at LHS	06/02/14	06/03/14	06/04/14	1	A
	IR-13-00015-NHT-125-A	Start excavation for Box Culvert at Sta.A 950	06/02/14	06/03/14	06/04/14	1	A
	IR-13-00015-NHT-126-A	Start Construct stone wall from Sta.A 1+220 to Sta.A 1+320 at RHS	06/03/14	06/04/14	06/04/14	0	A
	IR-13-00015-NHT-127-A	Final formwork for one side shutter of stone wall protection up to 60 cm from Sta.A 0+744 to Sta.A 0+754 and from Sta.A 0+764 To Sta.A 0+774 at LHS	06/03/14	06/03/14	06/04/14	1	A
	IR-13-00015-NHT-128-A	Cast concrete for one side shutter of stone wall protection up to 60 cm from Sta.A 0+744 to Sta.A 0+754 and from Sta.A 0+764 To Sta.A 0+774 at LHS	06/03/14	06/03/14	06/04/14	1	A
	IR-13-00015-NHT-129-A	First layer of base course under foundation of Box Culvert at Sta.A 0+590	06/03/14	06/04/14	06/05/14	1	A
	IR-13-00015-NHT-130-A	Second layer of backfilling for internal face of retaining wall from Sta.A 0+160 to Sta.A 0+205	06/03/14	06/04/14	06/05/14	1	A
	IR-13-00015-NHT-131-A	Final level for excavation of Box Culvert and retaining wall at Sta.A 0+590	06/03/14	06/04/14	06/05/14	1	A
	IR-13-00015-NHT-132-A	Final formwork for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+704 to Sta.A 0+714, up to 2.4 m high from Sta.A 0+714 to Sta.A 0+734 at LHS,up to 1.2 m high from Sta.A 0+744 to Sta.A 0+754 & from Sta.A 0+764 to Sta.A 0+774 at LHS	06/03/14	06/04/14	06/05/14	1	A

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	IR-13-00015-NHT-133-A	Cast concrete for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+704 to Sta.A 0+714, up to 2.4 m high from Sta.A 0+714 to Sta.A 0+734 at LHS,up to 1.2 m high from Sta.A 0+744 to Sta.A 0+754 & from Sta.A 0+764 to Sta.A 0+774 at LHS	06/03/14	06/04/14	06/05/14	1	A
	IR-13-00015-NHT-134-A	Start excavation and widening work for road from Sta.A 3+600 to Sta.A 3+800 at RHS	06/04/14	06/05/14	06/05/14	0	A
	IR-13-00015-NHT-135-A	Second layer of base course under foundation of Box Culvert and retaining wall At Sta.A 0+590	06/04/14	06/07/14	06/07/14	0	A
	IR-13-00015-NHT-136-A	Welder qualification test T.O.16	06/04/14	06/07/14	06/08/14	1	A
	IR-13-00015-NHT-137-A	Workshop Welder qualification test T.O.16	06/04/14	06/18/14	06/19/14	1	A
	IR-13-00015-NHT-138-A	Final formwork for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+754 to Sta.A 0+764 at LHS,up to 2.4 m high from Sta.A 0+744 to Sta.A 0+754 at LHS	06/05/14	06/07/14	06/07/14	0	A
	IR-13-00015-NHT-139-A	Cast concrete for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+754 to Sta.A 0+764 at LHS,up to 2.4 m high from Sta.A 0+744 to Sta.A 0+754 at LHS	06/05/14	06/07/14	06/07/14	0	A
	IR-13-00015-NHT-140-A	Final formwork for one side shutter of stone wall protection Up to 3.6 m high from Sta.A 0+714 to Sta.A 0+734 at LHS,up to 1.8 m high from Sta.A 0+744 to Sta.A 0+754 at LHS,up to 2.4 m high from Sta.A 0+764 to Sta.A 0+774 at LHS	06/05/14	06/05/14	06/05/14	0	A
	IR-13-00015-NHT-141-A	Cast concrete for one side shutter of stone wall protection Up to 3.6 m high from Sta.A 0+714 to Sta.A 0+734 at LHS,up to 1.8 m high from Sta.A 0+744 to Sta.A 0+754 at LHS,up to 2.4 m high from Sta.A 0+764 to Sta.A 0+774 at LHS	06/05/14	06/05/14	06/05/14	0	A
	IR-13-00015-NHT-142-A	Start excavation of road from Sta.A 3+850 to Sta.A 4+000	06/05/14	06/07/14	06/07/14	0	A
	IR-13-00015-NHT-143-A	Cast blinding concrete- under Box Culvert at Sta.A 0+590 , under retaining wall from Sta.A 0+574 to Sta.A 0+614 & from Sta.A 0+585 to Sta.A 0+595 at LHS	06/07/14	06/07/14	06/07/14	0	A
	IR-13-00015-NHT-144-A	Excavation level under Box Culvert and adjacent Retaining Wall at Sta.A 0+951.60	06/07/14	06/08/14	06/09/14	1	A

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	IR-13-00015-NHT-145-A	Final formwork for one side shutter of stone wall protection up to 1.2 m high from Sta.A 0+754 to Sta.A 0+764 at LHS,up to 4.2 m high from Sta.A 0+714 to Sta.A 0+734 at LHS	06/07/14	06/08/14	06/09/14	1	A
	IR-13-00015-NHT-146-A	Cast concrete for one side shutter of stone wall protection up to 1.2 m high from Sta.A 0+754 to Sta.A 0+764 at LHS,up to 4.2 m high from Sta.A 0+714 to Sta.A 0+734 at LHS	06/07/14	06/08/14	06/09/14	1	A
	IR-13-00015-NHT-147-A	12 inch pipe - METCO Storage Yard	06/08/14	06/09/14	06/12/14	3	C
	IR-13-00015-NHT-147-B	12 inch pipe - METCO Storage Yard	08/20/14	08/20/14	08/20/14	0	A
	IR-13-00015-NHT-148-A	Third layer for Backfilling of internal face of Retaining Wall from Sta.A 0+160 to Sta.A 0+205 at RHS	06/09/14	06/09/14	06/10/14	1	A
	IR-13-00015-NHT-149-A	(536.80) LM of 10 inch steel pipe with ¼ inch (6.35 mm) wall thickness ,4.5 mm min cement lining and external epoxy coated, (44.00) piece of 12 inch shrinkable sheet with (CPS)- Nahaleen Storage Yard	06/09/14	06/09/14	06/10/14	1	A
	IR-13-00015-NHT-150-A	Final formwork for one side shutter of Stone Wall protection up to 3.0 m high from Sta.A 0+744 to Sta.A 0+754 at LHS,up to 1.8 m high from Sta.A 0+754 to Sta.A 0+764 at LHS	06/09/14	06/09/14	06/10/14	1	A
	IR-13-00015-NHT-151-A	Cast concrete for one side shutter of Stone Wall protection up to 3.0 m high from Sta.A 0+744 to Sta.A 0+754 at LHS,up to 1.8 m high from Sta.A 0+754 to Sta.A 0+764 at LHS	06/09/14	06/09/14	06/10/14	1	A
	IR-13-00015-NHT-152-A	Steel Reinforcement for foundation of Box Culvert and Retaining Wall Box Culvert at Sta.A 0+590,Retaining Wall from Sta.A 0+574 to Sta.A 0+614 at LHS	06/09/14	06/10/14	06/11/14	1	A
	IR-13-00015-NHT-153-A	Cast concrete for foundation of Box Culvert and Retaining Wall Box Culvert at Sta.A 0+590, Retaining Wall from Sta.A 0+574 to Sta.A 0+614 at LHS, from Sta.A 0+585 to Sta.A 0+595 at RHS	06/09/14	06/10/14	06/11/14	1	A
	IR-13-00015-NHT-154-A	Start excavation and leveling for Sub grade from Sta.A 3+850 to Sta.A 5+700 at RHS	06/10/14	06/10/14	06/11/14	1	A
	IR-13-00015-NHT-155-A	Start digging 2 inch of water Trench from Sta.A 2+260 to Sta.A 3+200	06/10/14	06/10/14	06/11/14	1	A

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	IR-13-00015-NHT-156-A	First layer for Base Course under foundation of Box Culvert & Retaining Wall Box Culvert at Sta.A 0+951.60,Retaining Wall from Sta.A 0+930 to Sta.A 0+970 at RHS	06/10/14	06/10/14	06/11/14	1	A
	IR-13-00015-NHT-157-A	Start constructing of Stone Wall from Sta.A 1+020 to Sta.A 1+080 at RHS	06/10/14	06/10/14	06/11/14	1	A
	IR-13-00015-NHT-158-A	Second layer of Base Course under foundation of Box Culvert & Retaining Wall Box Culvert at Sta.A 0+951.60, Retaining Wall from Sta.A 0+930 to Sta.A 0+970 at RHS	06/10/14	06/10/14	06/11/14	1	A
	IR-13-00015-NHT-159-A	Final formwork for one side shutter of Stone Wall protection up to 2.4 m high from Sta.A 0+754 to Sta.A 0+764 at LHS	06/10/14	06/10/14	06/11/14	1	A
	IR-13-00015-NHT-160-A	Cast concrete for one side shutter of Stone Wall protection up to 2.4 m high from Sta.A 0+754 to Sta.A 0+764 at LHS	06/10/14	06/10/14	06/11/14	1	A
	IR-13-00015-NHT-161-A	Cast blinding concrete under foundation of Box Culvert & Retaining Wall Box Culvert at Sta.A 0+951.60,Retaining Wall from Sta.A 0+930 to Sta. A0+970 at RHS	06/10/14	06/10/14	06/11/14	1	A
	IR-13-00015-NHT-162-A	Fourth layer of Backfilling for the internal face of Retaining Wall from Sta.A 0+144 to Sta.A 0+205 at RHS	06/11/14	06/14/14	06/15/14	1	A
	IR-13-00015-NHT-163-A	Final formwork for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+734 to Sta.A 0+744 and up to 1.2 m from Sta.A 0+714 to Sta.A 0+717 at LHS	06/12/14	06/12/14	06/14/14	2	A
	IR-13-00015-NHT-164-A	Cast concrete for one side shutter of stone wall protection up to 60 cm high from Sta.A 0+734 to Sta.A 0+744 and up to 1.2 m from Sta.A 0+714 to Sta.A 0+717 at LHS	06/12/14	06/12/14	06/14/14	2	A
	IR-13-00015-NHT-165-A	Stone Wall from Sta.A 1+220 to Sta.A 1+320 at RHS	06/12/14	06/12/14	06/15/14	3	D
	IR-13-00015-NHT-165-B	Stone Wall from Sta.A 1+220 to Sta.A 1+320 at RHS	07/09/14	07/09/14	07/13/14	4	C
	IR-13-00015-NHT-166-A	Sub grade for widening road from Sta.A 3+920 to Sta.A 4+050 at RHS	06/12/14	06/12/14	06/14/14	2	A
	IR-13-00015-NHT-167-A	First layer of Base Course for widening from Sta.A 3+920 to Sta.A 4+050 at RHS	06/12/14	06/14/14	06/14/14	0	A

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	IR-13-00015-NHT-168-A	Final formwork for one side shutter of stone wall protection up to 1.2 m high from Sta.A 0+734 to Sta.A 0+744 and up to 1.8 m high from 0+714 to Sta.A 0+717 at LHS, up to 60 cm high from Sta.A 0+774 to Sta.A 0+781 & from Sta.A 0+781 to Sta.A 0+790 at LHS	06/12/14	06/14/14	06/15/14	1	A
	IR-13-00015-NHT-169-A	Cast concrete for one side shutter of stone wall protection up to 1.2 m high from Sta.A 0+734 to Sta.A 0+744 and up to 1.8 m high from 0+714 to Sta.A 0+717 at LHS, up to 60 cm high from Sta.A 0+774 to Sta.A 0+781 & from Sta.A 0+781 to Sta.A 0+790 at LHS	06/12/14	06/14/14	06/15/14	1	A
	IR-13-00015-NHT-170-A	Reinforcement steel for wall of Box Culvert at Sta.A 0+591.6	06/12/14	06/14/14	06/16/14	2	A
	IR-13-00015-NHT-171-A	Fifth layer of Backfill the internal face of Retaining Wall from Sta.A 0+144 to Sta.A 0+205 at RHS	06/12/14	06/14/14	06/15/14	1	A
	IR-13-00015-NHT-172-A	Formwork of internal face for stem of retaining wall from Sta.A 0+574 to Sta.A 0+614 at LHS	05/14/14	06/15/14	06/16/14	1	A
	IR-13-00015-NHT-173-A	Final formwork for wall for Box Culvert at Sta.A 0+591.60	05/14/14	06/15/14	06/16/14	1	A
	IR-13-00015-NHT-174-A	Cast concrete for wall of Box Culvert At Sta.A 0+591.60	06/14/14	06/15/14	06/16/14	1	A
	IR-13-00015-NHT-175-A	Final formwork for one side shutter of stone wall protection up to 2.4 m high from Sta.A 0+714 to Sta.A 0+717 at LHS ,up to 1.2 m high from Sta.A 0+774 to Sta.A 0+781 at LHS	06/14/14	06/15/14	06/16/14	1	A
	IR-13-00015-NHT-176-A	Cast concrete for one side shutter of stone wall protection up to 2.4 m high from Sta.A 0+714 to Sta.A 0+717 at LHS ,up to 1.2 m high from Sta.A 0+774 to Sta.A 0+781 at LHS	06/14/14	06/15/14	06/16/14	1	A
	IR-13-00015-NHT-177-A	Second layer of Base Course for widening road from Sta.A 3+930 to Sta.A 4+050 at RHS	06/14/14	06/15/14	06/16/14	1	C
	IR-13-00015-NHT-178-A	Start construct Stone Wall from Sta.A 0+980 to Sta.A 1+080 at LHS	06/14/14	06/15/14	06/17/14	2	C
	IR-13-00015-NHT-178-B	Start construct Stone Wall from Sta.A 0+980 to Sta.A 1+080 at LHS	07/09/14	07/09/14	07/13/14	4	A
	IR-13-00015-NHT-179-A	Start excavation of Box Culvert at Sta.A 1+350	06/14/14	06/15/14	06/16/14	1	C
	IR-13-00015-NHT-179-B	Start excavation of Box Culvert at Sta.A 1+350	08/20/14	08/20/14	08/20/14	0	A
	IR-13-00015-NHT-180-A	Reinforcement Steel for foundation Box Culvert at Sta.A 0+950 & Retaining Wall from Sta.A 0+930 to Sta.A 0+970 at RHS	06/15/14	06/14/14	06/17/14	3	A
	IR-13-00015-NHT-181-A	Final formwork for foundation of Box Culvert and Retaining Wall Box Culvert at Sta.A 0+950 & Retaining Wall from Sta.A 0+930 to Sta.A 0+970 at RHS	06/15/14	06/16/14	06/17/14	1	A

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	IR-13-00015-NHT-182-A	Cast concrete for foundation of Box Culvert and Retaining Wall Box Culvert at Sta.A 0+950 & Retaining Wall from Sta.A 0+930 to Sta.A 0+970 at RHS	06/15/14	06/16/14	06/17/14	1	A
	IR-13-00015-NHT-183-A	Final formwork for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+774 to Sta.A 0+781 at LHS,up to 1.2 m high from Sta.A 0+781 to Sta.A 0+796 at LHS	06/15/14	06/16/14	06/17/14	1	A
	IR-13-00015-NHT-184-A	Cast concrete for one side shutter of stone wall protection up to 1.8 m high from Sta.A 0+774 to Sta.A 0+781 at LHS,up to 1.2 m high from Sta.A 0+781 to Sta.A 0+796 at LHS	06/15/14	06/16/14	06/17/14	1	A
	IR-13-00015-NHT-185-A	Sixth layer of Backfilling for the internal face of Retaining Wall from Sta.A 0+144 to Sta.A 0+205 at RHS	06/15/14	06/16/14	06/17/14	1	A
	IR-13-00015-NHT-186-A	Final formwork for one side shutter stone wall protection : up to 2.4 m high from Sta.A 0+774 to Sta.A 0+781 at LHS and up to 1.8 m high from Sta.A 0+734 to Sta.A 0+744 and from Sta.A 0+781 to Sta.A 0+796 at LHS	06/16/14	06/17/14	06/18/14	1	A
	IR-13-00015-NHT-187-A	Cast concrete for one side shutter stone wall protection : up to 2.4 m high from Sta.A 0+774 to Sta.A 0+781 at LHS and up to 1.8 m high from Sta.A 0+734 to Sta.A 0+744 and from Sta.A 0+781 to Sta.A 0+796 at LHS	06/16/14	06/17/14	06/18/14	1	A
	IR-13-00015-NHT-188-A	Start digging of trench from Sta.A 3+600 to Sta.A 3+850	06/16/14	06/17/14	06/18/14	1	A
	IR-13-00015-NHT-189-A	Reinforcement steel for stem of retaining wall from Sta.A 0+574 to Sta.A 0+614	06/17/14	06/17/14	06/18/14	1	A
	IR-13-00015-NHT-190-A	Start excavation of sub grade of road from Sta.A 3+100 to Sta.A 2+400	06/17/14	06/17/14	06/18/14	1	A
	IR-13-00015-NHT-191-A	Reinforcement steel for roof of Box Culvert at Sta.A 0+591.60	06/17/14	06/18/14	06/19/14	1	A
	IR-13-00015-NHT-192-A	Cast concrete for roof of Box Culvert at Sta.A 0+591.60	06/17/14	06/18/14	06/19/14	1	A
	IR-13-00015-NHT-193-A	Final formwork for one side shutter of stone wall protection up to 2.40 m high from Sta.A0+734 to Sta.A 0+744 and from Sta.A0+781 to Sta.A0+796 at LHS,up to 60 cm high from Sta.A 0+796 to Sta.A 0+806 and from Sta.A 0+806 to Sta.A 0+816 at LHS	06/17/14	06/18/14	06/19/14	1	A

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	IR-13-00015-NHT-194-A	Cast concrete for one side shutter of stone wall protection up to 2.40 m high from Sta.A0+734 to Sta.A 0+744 and from Sta.A0+781 to Sta.A0+796 at LHS,up to 60 cm high from Sta.A 0+796 to Sta.A 0+806 and from Sta.A 0+806 to Sta.A 0+816 at LHS	06/17/14	06/18/14	06/19/14	1	A
	IR-13-00015-NHT-195-A	First layer of Base Course for widening road from Sta.A 4+120 to Sta.A 4+250 at RHS	06/19/14	06/19/14	06/19/14	0	A
	IR-13-00015-NHT-196-A	Sub grade of road from Sta.A 2+900 to Sta.A 3+100	06/19/14	06/21/14	06/22/14	1	C
	IR-13-00015-NHT-196-B	Sub grade of road from Sta.A 2+900 to Sta.A 3+100	07/09/14	07/09/14	07/09/14	0	A
	IR-13-00015-NHT-197-A	Seventh layer for backfilling of internal face of retaining wall from Sta.A 0+131 to Sta.A 0+205	06/19/14	06/21/14	06/22/14	1	A
	IR-13-00015-NHT-198-A	Reinforcement Steel for wall of Box Culvert at Sta.0+951-Segment A	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00015-NHT-199-A	Reinforcement Steel of Retaining Wall from Sta.A 0+930 to Sta.A 0+940 at RHS	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00015-NHT-200-A	Final formwork for Retaining Wall from Sta.A 0+600 to Sta.A 0+614 at LHS	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00015-NHT-201-A	Cast concrete for Retaining Wall from Sta.A 0+600 to Sta.A 0+614 at LHS	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00015-NHT-202-A	Final formwork for one side shutter of Stone Wall protection up to 3 m high from Sta.A 0+734 to Sta.A 0+744 and from Sta.A 0+781 to Sta.A 0+796 at LHS	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00015-NHT-203-A	Cast concrete for one side shutter of Stone Wall protection up to 3 m high from Sta.A 0+734 to Sta.A 0+744 and from Sta.A 0+781 to Sta.A 0+796 at LHS	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00015-NHT-204-A	Cast blinding concrete for Retaining Wall from Sta.A 0+930 to Sta.A 0+970 at LHS	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00015-NHT-205-A	Reinforment steel for Retaining Wall from Sta.A 0+960 to Sta.A 0+970 at RHS	06/22/14	6/23/2014	6/24/2014	1	A
	IR-13-00015-NHT-206-A	Final from work for Retaining Wall from Sta.A 0+574 to Sta.A 0+600 at LHS	06/22/14	6/23/2014	6/24/2014	1	A
	IR-13-00015-NHT-207-A	Cast concrete work for Retaining Wall from Sta.A 0+574 to Sta.A 0+600 at LHS	06/22/14	6/23/2014	6/24/2014	1	A
	IR-13-00015-NHT-208-A	Final formwork for Retaining Wall From Sta.A 0+960 to Sta.A 0+970 at RHS	06/22/14	6/23/2014	6/24/2014	1	A
	IR-13-00015-NHT-209-A	Cast concrete for Retaining Wall From Sta.A 0+960 to Sta.A 0+970 at RHS	06/22/14	6/23/2014	6/24/2014	1	A

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	IR-13-00015-NHT-210-A	Final formwork for Stem of Retaining Wall from Sta.A 0+930 to Sta.A 0+940 at RHS	06/22/14	6/23/2014	6/24/2014	1	A
	IR-13-00015-NHT-211-A	Cast concrete for Stem of Retaining Wall from Sta.A 0+930 to Sta.A 0+940 at RHS	06/22/14	6/23/2014	6/24/2014	1	A
	IR-13-00015-NHT-212-A	Sub grade for widening road From Sta.A 4+380 to Sta.A 4+250 at RHS	06/23/14	06/23/14	6/24/2014	1	C
	IR-13-00015-NHT-212-B	Sub grade for widening road From Sta.A 4+380 to Sta.A 4+250 at RHS	07/09/14	07/09/14	7/9/2014	0	A
	IR-13-00015-NHT-213-A	Final formwork for Stone Wall Protection up to 1.2 m from Sta.A 0+796 to Sta.A 0+806 at LHS	06/23/14	06/23/14	6/24/2014	1	A
	IR-13-00015-NHT-214-A	Cast concrete for Stone Wall Protection up to 1.2 m high from Sta.A 0+796 to Sta.A 0+806 at LHS	06/23/14	06/23/14	6/24/2014	1	A
	IR-13-00015-NHT-215-A	Final form work for retaining wall from Sta.A 0+585 to Sta.A 0+595 at RHS	06/23/14	06/24/14	6/25/2014	1	A
	IR-13-00015-NHT-216-A	Cast concrete for retaining wall from Sta.A 0+585 to Sta.A 0+595 at RHS	06/23/14	06/24/14	6/25/2014	1	A
	IR-13-00015-NHT-217-A	Reinforcement Steel for Retaining Wall from Sta.A 0+585 to Sta.A 0+595 at RHS	06/23/14	06/24/14	6/25/2014	1	A
	IR-13-00015-NHT-218-A	Reinforcement Steel for Stone Wall Protection from Sta.A 0+772.5 to Sta.A 0+870 at LHS	06/23/14	06/24/14	6/25/2014	1	A
	IR-13-00015-NHT-219-A	Final formwork for Stone Wall Protection up to 1.8 m high from Sta.A 0+796 to Sta.A 0+806 and up to 1.2 m high from Sta.A 0+806 to Sta.A 0+816 at LHS	06/23/04	06/24/14	6/25/2014	1	A
	IR-13-00015-NHT-220-A	Cast concrete for Stone Wall Protection up to 1.8 m high from Sta.A 0+796 to Sta.A 0+806 and up to 1.2 m high from Sta.A 0+806 to Sta.A 0+816 at LHS	06/23/14	06/24/14	6/25/2014	1	A
	IR-13-00015-NHT-221-A	Eight layer for Backfilling of internal face of Retaining Wall From Sta.A 0+131 to Sta.A 0+205 at RHS	06/23/14	06/24/14	6/25/2014	1	A

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	IR-13-00015-NHT-222-A	Ninth layer for Backfilling of internal face of Retaining Wall From Sta.A 0+125 to Sta.A 0+164 at RHS	06/24/14	06/25/14	6/26/2014	1	A
	IR-13-00015-NHT-223-A	Sub grade layer for road widening From Sta.A 3+740 to Sta.A 3+830 at RHS	06/24/14	06/25/14	6/26/2014	1	A
	IR-13-00015-NHT-224-A	Reinforcement steel for stem of retaining wall From Sta.A 0+940 to Sta.A 0+950 and from Sta.A 0+950 to Sta.A 0+960 at RHS	06/25/14	06/25/14	6/26/2014	1	A
	IR-13-00015-NHT-225-A	Reinforcement steel and final from work for roof slab Box Culvert at Sta.A0+950	06/26/14	06/26/14	6/29/2014	3	A
	IR-13-00015-NHT-226-A	Cast concrete for roof slab of Box Culvert at Sta.A 0+950	06/26/14	06/26/14	6/29/2014	3	A
	IR-13-00015-NHT-227-A	Cast blinding concrete under foundation of retaining wall from Sta.A 0+575 to Sta.A 0+585 at RHS	06/26/14	06/26/14	6/29/2014	3	A
	IR-13-00015-NHT-228-A	Reinforcement steel and final form work for foundation of retaining wall from Sta.A 0+930 to Sta.A 0+967 at LHS	06/26/14	06/28/14	6/29/2014	1	A
	IR-13-00015-NHT-229-A	Cast concrete for foundation of retaining wall from Sta.A 0+930 to Sta.A 0+967 at LHS	06/26/14	06/28/14	6/29/2014	1	A
	IR-13-00015-NHT-230-A	Final formwork for stone wall protection up to 2.40 m high from Sta.A0+806 to Sta.A0+826 , up to 60 cm high from Sta.A0+836 to Sta.A0+846 , from Sta.A0+856 to Sta.A0+868 at LHS	06/26/14	06/28/14	6/29/2014	1	A
	IR-13-00015-NHT-231-A	Cast concrete for stone wall protection up to 2.40 m high from Sta.A 0+806 to Sta.A 0+826 , up to 60 cm high from Sta.A 0+836 to Sta.A 0+846 , from Sta.A 0+856 to Sta.A 0+868 at LHS	06/26/14	06/28/14	6/29/2014	1	A
	IR-13-00015-NHT-232-A	Reinforcement steel for Stone Wall Protection from Sta.A 0+870 to Sta.A 0+880	06/30/14	06/30/14	7/2/2014	2	A
	IR-13-00015-NHT-233-A	Final formwork for Stem of Retaining Wall from Sta.A 0+940 to Sta.A 0+950 and from Sta.A 0+950 to Sta.A 0+960 at RHS	06/30/14	06/30/14	7/2/2014	2	A
	IR-13-00015-NHT-234-A	Cast concrete for Stem of Retaining Wall from Sta.A 0+940 to Sta.A 0+950 and from Sta.A 0+950 to Sta.A 0+960 at RHS	06/30/14	06/30/14	7/2/2014	2	A
	IR-13-00015-NHT-235-A	Final formwork for Stone Wall Protection up to 1.2 m high form Sta.A 0+836 to Sta.A 0+846 and from Sta.A 0+856 to Sta.A 0+868 at LHS	06/30/14	06/30/14	7/2/2014	2	A
	IR-13-00015-NHT-236-A	Cast concrete for Stone Wall Protection up to 1.2 m high form Sta.A 0+836 to Sta.A 0+846 and from Sta.A 0+856 to Sta.A 0+868 at LHS	06/30/14	06/30/14	7/2/2014	2	A

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	IR-13-00015-NHT-237-A	(1316.20) LM of 12 inch steel pipe with ¼ inch (6.35 mm) wall thickness ,4.5 mm min cement lining and external epoxy coated (866.20) LM of 4 inch steel pipe with ¼ inch (6.35 mm) wall thickness ,4.5 mm min cement lining and external epoxy coated (646.60) LM of 3 inch steel pipe with ¼ inch (6.35 mm) wall thickness ,4.5 mm min cement lining and external epoxy coated - (108) piece of 12 inch shrinkable sheet with (CPS), (061) piece of 4 inch shrinkable sheet with (CPS), (050) piece of 3 inch shrinkable sheet with (CPS)	07/02/14	07/02/14	7/3/2014	1	C
	IR-13-00015-NHT-238-A	Sub Grade of road from Sta.A 2+320 to Sta.A 3+100	07/03/14	07/03/14	7/6/2014	3	A
	IR-13-00015-NHT-239-A	Installation of pipe culvert at Sta.A 1+356	07/03/14	07/05/14	7/6/2014	1	A
	IR-13-00015-NHT-240-A	First Base Course layer for road widening from Sta.A 3+740 to Sta.A 3+820 at RHS	07/03/14	07/05/14	7/6/2014	1	A
	IR-13-00015-NHT-241-A	First layer of Bitumen coating of concrete surface exposed to earth: Box Culvert and adjacent Retaining Wall at LHS and RHS	07/03/14	07/05/14	7/6/2014	1	A
	IR-13-00015-NHT-242-A	Repair cement lining for (11.25)◦ elbows 10" -5J1+WRI(J20,J19,J18)- 10"-5J2+WRI(J17,J16,J15) -10"-5J3+WRI(J14,J13,J12)	07/03/14	07/05/14	7/6/2014	1	A
	IR-13-00015-NHT-243-A	Reinforcement steel for Stem of Retaining Wall from Sta.A 0+575 to Sta.A 0+585 at RHS	7/6/2014	7/6/2014	7/6/2014	0	A
	IR-13-00015-NHT-244-A	Reinforcement steel for Stem of Retaining Wall from Sta.A 0+930 to Sta.A 0+967 at RHS	7/6/2014	7/7/2014	7/7/2014	0	A
	IR-13-00015-NHT-245-A	Final formwork for stone wall protection , up to 1.8 m high from Sta.A 0+836 to Sta.A 0+846 , and from Sta.A 0+856 to Sta.A 0+866 , up to 60 cm high from Sta.A 0+878 to Sta.A 0+888 at LHS	7/6/2014	7/7/2014	7/8/2014	1	A
	IR-13-00015-NHT-246-A	Cast concrete for stone wall protection , up to 1.8 m high from Sta.A 0+836 to Sta.A 0+846 , and from Sta.A 0+856 to Sta.A 0+866 , up to 60 cm high from Sta.A 0+878 to Sta.A 0+888 at LHS	7/6/2014	7/7/2014	7/8/2014	1	A
	IR-13-00015-NHT-247-A	Second layer of bitumen coating for concrete surface exposed to earth box culvert at Sta.A 0+590 and adjacent retaining wall at LHS and RHS	7/7/2014	7/7/2014	7/7/2014	0	A
	IR-13-00015-NHT-248-A	Final formwork for stone wall protection up to 1.2 m high from Sta.A 0+878 to Sta.A 0+888 , up to 60 cm high from Sta.A 0+866 to Sta.A 0+876 at LHS	7/7/2014	7/10/2014	7/10/2014	0	A

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	IR-13-00015-NHT-249-A	Cast concrete for stone wall protection up to 1.2 m high from Sta.A 0+878 to Sta.A 0+888 , up to 60 cm high from Sta.A 0+866 to Sta.A 0+876 at LHS	7/7/2014	7/10/2014	7/10/2014	0	A
	IR-13-00015-NHT-250-A	Final formwork for stem of retaining wall from Sta.A 0+575 to Sta.A 0+585 at RHS	7/7/2014	7/8/2014	7/9/2014	1	A
	IR-13-00015-NHT-251-A	Cast concrete for stem of retaining wall from Sta.A 0+575 to Sta.A 0+585 at RHS	7/7/2014	7/8/2014	7/9/2014	1	A
	IR-13-00015-NHT-252-A	Sub grade for road widening from Sta.A 3+640 to Sta.A 3+740 at RHS	7/7/2014	7/8/2014	7/9/2014	1	A
	IR-13-00015-NHT-253-A	Stone wall from Sta.A 1+020 to Sta.A 1+080 at RHS	7/9/2014	7/9/2014	7/13/2014	4	C
	IR-13-00015-NHT-254-A	Stone wall from Sta.A 0+980 to Sta.A 1+080 at LHS	7/9/2014	7/9/2014	7/13/2014	4	C
	IR-13-00015-NHT-255-A	Final formwork for stem of retaining wall from Sta.A 0+930 to Sta.A 0+967 at LHS	7/9/2014	7/10/2014	7/10/2014	0	A
	IR-13-00015-NHT-256-A	Cast concrete for stem of retaining wall from Sta.A 0+930 to Sta.A 0+967 at LHS	7/9/2014	7/10/2014	7/10/2014	0	A
	IR-13-00015-NHT-257-A	First layer of base course for road from Sta.A 3+620 to Sta.A 3+740	7/10/2014	7/12/2014	7/13/2014	1	A
	IR-13-00015-NHT-258-A	First layer of backfilling around box culvert and adjacent retaining wall at Sta.A 0+591	7/10/2014	7/12/2014	7/13/2014	1	A
	IR-13-00015-NHT-259-A	Final formwork for stone wall protection up to 1.2 m high from Sta.A 0+826 to Sta.A 0+836 and from Sta.A 0+868 to Sta.A 0+878 at LHS,up to 60 cm high from Sta.A 0+846 to Sta.A 0+856 at LHS,up to 1.8 high from Sta.A 0+878 to Sta.A 0+888 at LHS	7/13/2014	7/13/2014	7/14/2014	1	A
	IR-13-00015-NHT-260-A	Cast concrete for stone wall protection up to 1.2 m high from Sta.A 0+826 to Sta.A 0+836 and from Sta.A 0+868 to Sta.A 0+878 at LHS,up to 60 cm high from Sta.A 0+846 to Sta.A 0+856 at LHS,up to 1.8 high from Sta.A 0+878 to Sta.A 0+888 at LHS	7/13/2014	7/13/2014	7/14/2014	1	A
	IR-13-00015-NHT-261-A	Second layer of backfilling around box culvert at Sta.A 0+590 and adjacent retaining wall	7/13/2014	7/14/2014	7/15/2014	1	A

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	IR-13-00015-NHT-262-A	Final formwork for stone wall protection up to 2.4 m high from Sta.A 0+878 to Sta.A 0+888 at LHS,up to 1.8 m high from Sta.A 0+868 to Sta.A 0+878 and from Sta.A 0+826 to Sta.A 836 at LHS,up to 1.2 m high from Sta.A 0+846 to Sta.A 0+856 at LHS	7/13/2014	7/14/2014	7/15/2014	1	A
	IR-13-00015-NHT-263-A	Cast concrete for stone wall protection up to 2.4 m high from Sta.A 0+878 to Sta.A 0+888 at LHS,up to 1.8 m high from Sta.A 0+868 to Sta.A 0+878 and from Sta.A 0+826 to Sta.A 836 at LHS,up to 1.2 m high from Sta.A 0+846 to Sta.A 0+856 at LHS	7/13/2014	7/14/2014	7/15/2014	1	A
	IR-13-00015-NHT-264-A	Cast blinding concrete from Sta.A 0+880 to Sta.A 0+930 at LHS	7/13/2014	7/14/2014	7/15/2014	1	A
	IR-13-00015-NHT-265-A	Radiographic test for 12 inch pipe from Sta.A 0+240 to Sta.A 0+398 at RHS	7/14/2014	7/20/2014	7/20/2014	0	A
	IR-13-00015-NHT-266-A	Final formwork for stone wall protection up to 2.4 m high from Sta.A 0+868 to Sta.A 0+878 at LHS,up to 3.0 m high from Sta.A 0+878 to Sta.A 0+888 at LHS	7/15/2014	7/15/2014	7/16/2014	1	A
	IR-13-00015-NHT-267-A	Cast concrete for stone wall protection up to 2.4 m high from Sta.A 0+868 to Sta.A 0+878 at LHS,up to 3.0 m high from Sta.A 0+878 to Sta.A 0+888 at LHS	7/15/2014	7/15/2014	7/16/2014	1	A
	IR-13-00015-NHT-268-A	Final formwork for stone wall protection up to 3.6 m high from Sta.A 0+878 to Sta.A 0+888 at LHS	7/15/2014	7/16/2014	7/17/2014	1	A
	IR-13-00015-NHT-269-A	Cast concrete for stone wall protection up to 3.6 m high from Sta.A 0+878 to Sta.A 0+888 at LHS	7/15/2014	7/16/2014	7/17/2014	1	A
	IR-13-00015-NHT-270-A	Excavation of foundation for stone wall protection from Sta.A 1+380 to Sta.A 1+420 at LHS	7/15/2014	7/16/2014	7/17/2014	1	A
	IR-13-00015-NHT-271-A	First layer of bitumen protective coating for concrete surface exposed to earth box culvert at Sta.A 0+951 and adjacent retaining wall	7/15/2014	7/16/2014	7/17/2014	1	A
	IR-13-00015-NHT-272-A	Third layer of backfilling around box culvert at Sta.A 0+951 and adjacent retaining wall	7/15/2014	7/16/2014	7/17/2014	1	A
	IR-13-00015-NHT-273-A	Second layer of bitumen protective coating for concrete surface exposed to earth box culvert at Sta.A 0+951 and adjacent retaining wall	7/16/2014	7/17/2014	7/17/2014	0	A
	IR-13-00015-NHT-274-A	Sub grade of road from Sta.A 0+740 to Sta.A 0+840	7/16/2014	7/17/2014	7/20/2014	3	A

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	IR-13-00015-NHT-275-A	Reinforcement steel for foundation of retaining wall from Sta.A 0+888 to Sta.A 0+930	7/17/2014	7/17/2014	7/17/2014	0	A
	IR-13-00015-NHT-276-A	Reinforcement steel for stone wall protection from Sta.A 1+380 to Sta.A 1+420 at LHS	7/17/2014	7/17/2014	7/17/2014	0	A
	IR-13-00015-NHT-277-A	Subgrade of road from Sta.A 0+640 to Sta.A 0+740	7/17/2014	7/22/2014	7/23/2014	1	C
	IR-13-00015-NHT-277-B	Subgrade of road from Sta.A 0+640 to Sta.A 0+740	8/13/2014	8/14/2014	8/14/2014	0	A
	IR-13-00015-NHT-278-A	First layer of backfilling around box culvert at Sta.A 0+951 and adjacent retaining wall	7/17/2014	7/19/2014	7/20/2014	1	A
	IR-13-00015-NHT-279-A	Fourth layer of backfilling around box culvert at Sta.A 0+590 and adjacent retaining wall	7/17/2014	7/19/2014	7/20/2014	1	A
	IR-13-00015-NHT-280-A	Final formwork for foundation of retaining wall From Sta.A 0+888 to Sta.A 0+930 at LHS.	7/17/2014	7/19/2014	7/20/2014	1	A
	IR-13-00015-NHT-281-A	Cast concrete for foundation of retaining wall From Sta.A 0+888 to Sta.A 0+930 at LHS.	7/17/2014	7/19/2014	7/20/2014	1	A
	IR-13-00015-NHT-282-A	Reinforcement steel of stem of retaining wall from Sta.A 0+888 to Sta.A 0+909 and from Sta.A 0+919 to Sta.A 0+930 at LHS.	7/22/2014	7/22/2014	7/23/2014	1	A
	IR-13-00015-NHT-283-A	Final formwork for stone wall protection up to 60 cm high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS.	7/22/2014	7/22/2014	7/23/2014	1	A
	IR-13-00015-NHT-284-A	Cast concrete for stone wall protection up to 60 cm high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS.	7/22/2014	7/22/2014	7/23/2014	1	A
	IR-13-00015-NHT-285-A	Second layer of backfilling around box culvert at Sta.A 0+951 and adjacent retaining wall.	7/22/2014	7/22/2014	7/23/2014	1	A
	IR-13-00015-NHT-286-A	Third layer of backfilling around box culvert at Sta.A 0+950 and adjacent retaining wall.	7/23/2014	7/23/2014	7/24/2014	1	A
	IR-13-00015-NHT-287-A	Fifth layer of backfilling around box culvert at Sta.A 0+591 and adjacent retaining wall.	7/23/2014	7/23/2014	7/24/2014	1	A
	IR-13-00015-NHT-288-A	Subgrade of road from Sta.A 0+120 to Sta.A 0+200	7/23/2014	8/3/2014	8/4/2014	1	A
	IR-13-00015-NHT-289-A	Final formwork for stone wall protection up to 1.2 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS.	7/23/2014	7/23/2014	7/24/2014	1	A
	IR-13-00015-NHT-290-A	Cast concrete for stone wall protection up to 1.2 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS.	7/23/2014	7/23/2014	7/24/2014	1	A
	IR-13-00015-NHT-291-A	Final formwork for stone wall protection up to 1.8 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS.	7/24/2014	7/24/2014	7/26/2014	2	A
	IR-13-00015-NHT-292-A	Cast concrete for stone wall protection up to 1.8 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A1+420 to Sta.A 1+430 at LHS.	7/24/2014	7/24/2014	7/26/2014	2	A

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	IR-13-00015-NHT-293-A	Fabricate and weld elbows (SJ6, SJ7, SJ8, SJ9 and SJ10) fabrication area – Halhul.	7/24/2014	7/26/2014	7/27/2014	1	C
	IR-13-00015-NHT-293-B	Fabricate and weld elbows (SJ6, SJ7, SJ8, SJ9 and SJ10) fabrication area – Halhul- note that these elbows will not use in the project.	8/4/2014	8/4/2014	8/5/2014	1	A
	IR-13-00015-NHT-294-A	Fourth layer of backfilling around box culvert at Sta.A 0+951 and adjacent retaining wall.	7/24/2014	7/26/2014	7/27/2014	1	A
	IR-13-00015-NHT-295-A	Final formwork for stone wall protection up to 2.4 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS.	8/3/2014	8/2/2014	8/4/2014	2	A
	IR-13-00015-NHT-296-A	Cast concrete for stone wall protection up to 2.4 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS.	8/3/2014	8/2/2014	8/4/2014	2	A
	IR-13-00015-NHT-297-A	Subgrade of road from Sta.A 0+200 to Sta.A 0+400.	8/3/2014	8/3/2014	8/4/2014	1	C
	IR-13-00015-NHT-297-B	Subgrade of road from Sta.A 0+200 to Sta.A 0+400.	8/28/2014	8/28/2014	8/28/2014	0	A
	IR-13-00015-NHT-298-A	Final formwork for stem of retaining wall from Sta.A 0+888 to Sta.A 0+909 and from Sta.A 0+919 to Sta.A 0+930 at LHS.	8/3/2014	8/3/2014	8/4/2014	1	A
	IR-13-00015-NHT-299-A	Cast concrete for stem of retaining wall from Sta.A 0+888 to Sta.A 0+909 and from Sta.A 0+919 to Sta.A 0+930 at LHS.	8/3/2014	8/3/2014	8/4/2014	1	A
	IR-13-00015-NHT-300-A	Final formwork for stone wall protection up to 3 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS.	8/3/2014	8/3/2014	8/4/2014	1	A
	IR-13-00015-NHT-301-A	Cast concrete for stone wall protection up to 3 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS.	8/3/2014	8/3/2014	8/4/2014	1	A
	IR-13-00015-NHT-302-A	Reinforcement steel and final formwork for concrete encasement of 12 inch water pipeline from Sta.A 0+569 to Sta.A 0+484 at RHS	8/3/2014	8/3/2014	8/4/2014	1	A
	IR-13-00015-NHT-305-A	Final formwork for stone wall protection up to 3.6 m high from Sta.A 1+383 to Sta.A 1+410 at LHS.	8/4/2014	8/4/2014	8/5/2014	1	A
	IR-13-00015-NHT-306-A	Cast concrete for stone wall protection up to 3.6 m high from Sta.A 1+383 to Sta.A 1+410 at LHS.	8/4/2014	8/4/2014	8/5/2014	1	A
	IR-13-00015-NHT-307-A	Cast blinding concrete under foundation of retaining wall from Sta.A 1+310 to Sta.A 1+350 at LHS.	8/4/2014	8/4/2014	8/5/2014	1	A
	IR-13-00015-NHT-308-A	First layer of base course for road from Sta.A 0+740 to Sta.A 0+840.	8/4/2014	8/5/2014	8/6/2014	1	A
	IR-13-00015-NHT-309-A	Subgrade of road from Sta.A 0+400 to Sta.A 0+500.	8/4/2014	8/5/2014	8/6/2014	1	C
	IR-13-00015-NHT-309-B	Subgrade of road from Sta.A 0+400 to Sta.A 0+500.	8/11/2014	8/11/2014	8/11/2014	0	A
	IR-13-00015-NHT-310-A	Cast concrete for concrete encasement of 12 inch water pipeline from Sta.A 0+569 to Sta.A 0+484 at RHS	8/5/2014	8/5/2014	8/5/2014	0	A
	IR-13-00015-NHT-311-A	Subgrade of road from Sta.A 0+500 to Sta.A 0+640.	8/6/2014	8/6/2014	8/7/2014	1	A
	IR-13-00015-NHT-312-A	Steel fittings (according attached MRR) at storage yard.	8/6/2014	8/6/2014	8/7/2014	1	C

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	IR-13-00015-NHT-313-A	Final formwork for stone wall protection up to 60 cm high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS.	8/6/2014	8/6/2014	8/7/2014	1	A
	IR-13-00015-NHT-314-A	Cast concrete for stone wall protection up to 60 cm high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS.	8/6/2014	8/6/2014	8/7/2014	1	A
	IR-13-00015-NHT-315-A	Start excavation of road from Sta.B 0+220 to Sta.B 0+340.	8/7/2014	8/7/2014	8/7/2014	0	A
	IR-13-00015-NHT-316-A	Final formwork for stem of retaining wall from Sta.A 0+909 to Sta.A 0+919.	8/7/2014	8/9/2014	8/10/2014	1	A
	IR-13-00015-NHT-317-A	Cast concrete for stem of retaining wall from Sta.A 0+909 to Sta.A 0+919.	8/7/2014	8/9/2014	8/10/2014	1	A
	IR-13-00015-NHT-318-A	Final formwork for stone wall protection up to 1.2 m high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS.	8/7/2014	8/9/2014	8/10/2014	1	A
	IR-13-00015-NHT-319-A	Cast concrete for stone wall protection up to 1.2 m high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS.	8/7/2014	8/9/2014	8/10/2014	1	A
	IR-13-00015-NHT-320-A	Trench reinstatement at subgrade level from Sta.A 4+380 to Sta.A 4+520 at RHS.	8/7/2014	8/9/2014	8/10/2014	1	C
	IR-13-00015-NHT-320-B	Trench reinstatement at subgrade level from Sta.A 4+380 to Sta.A 4+520.	8/11/2014	8/11/2014	8/11/2014	0	A
	IR-13-00015-NHT-321-A	Reinforcement steel and final formwork for foundation of retaining wall from Sta.A 1+310 to Sta.A 1+350.	8/10/2014	8/10/2014	8/11/2014	1	A
	IR-13-00015-NHT-322-A	Cast concrete for foundation of retaining wall from Sta.A 1+310 to Sta.A 1+350.	8/10/2014	8/10/2014	8/11/2014	1	A
	IR-13-00015-NHT-323-A	Final formwork for stone wall protection up to 1.8 m high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS.	8/10/2014	8/10/2014	8/11/2014	1	A
	IR-13-00015-NHT-324-A	Cast concrete for stone wall protection up to 1.8 m high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS.	8/10/2014	8/10/2014	8/11/2014	1	A
	IR-13-00015-NHT-325-A	First layer of base course of road from Sta.A 0+640 to Sta.A 0+740.	8/10/2014	8/10/2014	8/11/2014	1	A
	IR-13-00015-NHT-326-A	Welding and paining of T 3"/2"at pipeline (2 A): 2A-SJ1, 2A-SJ2, 2A-SJ3, 2A-SJ4, 2A-SJ5, 2A-SJ6, 2A-SJ7, 2A-SJ8, 2A-SJ9, 2A-SJ10, 2A-SJ11, and 2A-SJ12.	8/10/2014	8/10/2014	8/10/2014	0	A
	IR-13-00015-NHT-327-A	Final formwork for stone wall protection up to 2.4 m high from Sta.A 1+410 to Sta.A 1+420 and from Sta.A 1+430 to Sta.A 1+436 at LHS.	8/11/2014	8/11/2014	8/11/2014	0	A
	IR-13-00015-NHT-328-A	Cast concrete for stone wall protection up to 2.4 m high from Sta.A 1+410 to Sta.A 1+420 and from Sta.A 1+430 to Sta.A 1+436 at LHS.	8/11/2014	8/11/2014	8/11/2014	0	A
	IR-13-00015-NHT-329-A	Welding and painting of Tee 4"/2 Pipeline (BP-39) : 4"-2"-SJ1, 4"-2"-SJ2, 4"-2"-SJ3, 4"-2"-SJ4."	8/11/2014	8/12/2014	8/13/2014	1	A
	IR-13-00015-NHT-330-A	Final formwork and cast blinding concrete under foundation of retaining wall from Sta.A 1+383 to Sta.A 1+360.	8/12/2014	8/12/2014	8/13/2014	1	A

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	IR-13-00015-NHT-331-A	First layer of base course for trench reinstatement from Sta.A 4+360 to Sta.A 4+580 at RHS.	8/12/2014	8/12/2014	8/13/2014	1	A
	IR-13-00015-NHT-332-A	Reinforcement steel for stem of retaining wall from Sta.A 1+310 to Sta.A 1+323 and from Sta.A 1+330 to Sta.A 1+350.	8/12/2014	8/12/2014	8/13/2014	1	A
	IR-13-00015-NHT-333-A	Final formwork for stone wall protection up to 3.0 m high from Sta.A 1+410 to Sta.A 1+420 at LHS.	8/12/2014	8/12/2014	8/13/2014	1	A
	IR-13-00015-NHT-334-A	Cast concrete for stone wall protection up to 3.0 m high from Sta.A 1+410 to Sta.A 1+420 at LHS.	8/12/2014	8/12/2014	8/13/2014	1	A
	IR-13-00015-NHT-335-A	Topping layer of road from Sta.A 2+480 to Sta.A 3+100.	8/12/2014	8/13/2014	8/17/2014	4	C
	IR-13-00015-NHT-335-B	Topping layer of road from Sta.A 2+480 to Sta.A 3+100.	8/20/2014	8/20/2014	8/20/2014	0	A
	IR-13-00015-NHT-336-A	First layer of backfilling behind retaining wall from Sta.A 0+883 to Sta.A 0+930 at LHS.	8/12/2014	8/12/2014	8/13/2014	1	A
	IR-13-00015-NHT-337-A	Cast for first stage of concrete copping stone wall from Sta.A 0+540 to Sta.A 0+560 at RHS.	8/12/2014	8/13/2014	8/14/2014	1	A
	IR-13-00015-NHT-338-A	Final formwork for stem of retaining wall from Sta.A 1+310 to Sta.A 1+323 and from Sta.A 1+330 to Sta.A 1+350.	8/12/2014	8/13/2014	8/14/2014	1	A
	IR-13-00015-NHT-339-A	Cast concrete for stem of retaining wall from Sta.A 1+310 to Sta.A 1+323 and from Sta.A 1+330 to Sta.A 1+350.	8/12/2014	8/13/2014	8/14/2014	1	A
	IR-13-00015-NHT-340-A	First base course layer for trench reinstatement from Sta.A 4+580 to Sta.A 4+740 at RHS.	8/12/2014	8/13/2014	8/14/2014	1	A
	IR-13-00015-NHT-341-A	Second layer of backfilling behind retaining wall from Sta.A 0+883 to Sta.A 0+930 at LHS.	8/12/2014	8/13/2014	8/14/2014	1	A
	IR-13-00015-NHT-342-A	Welding and painting of Tee 3"/2" (2A) : SJ13,SJ14,SJ15,SJ16,SJ17 and SJ18.	8/13/2014	8/13/2014	8/14/2014	1	A
	IR-13-00015-NHT-343-A	Final formwork and reinforcement steel for foundation of retaining wall from Sta.A 1+383 to Sta.A 1+360 at LHS.	8/13/2014	8/14/2014	8/14/2014	0	A
	IR-13-00015-NHT-344-A	Cast concrete for foundation of retaining wall from Sta.A 1+383 to Sta.A 1+360 at LHS.	8/13/2014	8/14/2014	8/14/2014	0	A
	IR-13-00015-NHT-345-A	Third layer of backfilling behind retaining wall from Sta.A 0+883 to Sta.A 0+930 at LHS.	8/13/2014	8/14/2014	8/14/2014	0	A
	IR-13-00015-NHT-346-A	First layer of base course for trench reinstatement from Sta.A 4+900 to Sta.A 5+000 at RHS.	8/13/2014	8/14/2014	8/14/2014	0	A
	IR-13-00015-NHT-347-A	Final formwork for stone wall protection up to 3.6 m high from Sta.A 1+410 to Sta.A 1+420 at LHS.	08/14/14	08/14/14	8/14/2014	0	A

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	IR-13-00015-NHT-348-A	Cast concrete for stone wall protection up to 3.6 m high from Sta.A 1+410 to Sta.A 1+420 at LHS.	08/14/14	08/14/14	8/14/2014	0	A
	IR-13-00015-NHT-349-A	First layer of base course for trench reinstatement from Sta.A 4+740 to Sta.A 4+900 at RHS.	8/14/2014	8/15/2014	8/17/2014	2	A
	IR-13-00015-NHT-350-A	Subgrade layer for road widening from Sta.A 3+500 to Sta.A 3+620 at RHS.	8/14/2014	8/16/2014	8/17/2014	1	C
	IR-13-00015-NHT-350-B	Subgrade layer for road widening from Sta.A 3+500 to Sta.A 3+620 at RHS.	8/18/2014	8/19/2014	8/19/2014	0	A
	IR-13-00015-NHT-351-A	Fourth layer of backfilling behind retaining wall from Sta.A 0+833 to Sta.A 0+930 at LHS.	8/14/2014	8/16/2014	8/17/2014	1	A
	IR-13-00015-NHT-352-A	First layer of base course for road from Sta.A 0+120 to Sta.A 0+220.	8/14/2014	8/16/2014	8/17/2014	1	A
	IR-13-00015-NHT-353-A	Reinforcement steel for stem of retaining wall from Sta.A 1+323 to Sta.A 1+330 at LHS.	8/17/2014	8/17/2014	8/17/2014	0	A
	IR-13-00015-NHT-355-A	First layer of base course for trench instatement from Sta.A 5+320 to Sta.A 5+120 at RHS.	8/17/2014	8/17/2014	8/18/2014	1	A
	IR-13-00015-NHT-356-A	Final formwork for stem of retaining wall from Sta.A 1+323 to Sta.A 1+330 at LHS.	8/17/2014	8/17/2014	8/18/2014	1	A
	IR-13-00015-NHT-357-A	Cast concrete for stem of retaining wall from Sta.A 1+323 to Sta.A 1+330 at LHS.	8/17/2014	8/17/2014	8/18/2014	1	A
	IR-13-00015-NHT-358-A	Start excavation for foundation of retaining wall from Sta.E 0+106 to Sta.E 0+173 at RHS.	8/17/2014	8/17/2014	8/18/2014	1	C
	IR-13-00015-NHT-358-B	Start excavation for foundation of retaining wall from Sta.E 0+106 to Sta.E 0+173 at RHS.	10/27/2014	10/27/2014	10/27/2014	0	A
	IR-13-00015-NHT-359-A	Coating and cement lining for 4 inch pipe METCO-Ramallah.	8/17/2014	8/19/2014	8/20/2014	1	A
	IR-13-00015-NHT-360-A	Repair welded joint No.5A-J3-WR1A At Sta.A 5+026.48.	8/17/2014	8/17/2014	8/18/2014	1	A
	IR-13-00015-NHT-361-A	First layer of base course for trench reinstatement from Sta.A 5+000 to Sta.A 5+120 at RHS.	8/18/2014	8/18/2014	8/18/2014	0	A
	IR-13-00015-NHT-362-A	Reinforcement steel and final formwork for retaining walls foundation from Sta.A 1+290 to Sta.A 1+310 at LHS.	08/18/14	08/18/14	8/18/2014	0	C
	IR-13-00015-NHT-362-B	Reinforcement steel and final formwork for retaining walls foundation from Sta.A 1+290 to Sta.A 1+310 at LHS.	08/20/14	08/20/14	8/20/2014	0	A
	IR-13-00015-NHT-363-A	Cast concrete for retaining walls foundation from Sta.A 1+290 to Sta.A 1+310 at LHS.	08/18/14	08/18/14	8/18/2014	0	C
	IR-13-00015-NHT-363-B	Cast concrete for retaining walls foundation from Sta.A 1+290 to Sta.A 1+310 at LHS.	08/20/14	08/20/14	8/20/2014	0	A

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	IR-13-00015-NHT-364-A	First base course layer for road from Sta.A 0+400 to Sta.A 0+640.	8/18/2014	8/19/2014	8/19/2014	0	A
	IR-13-00015-NHT-365-A	First layer of bitumen protective coating for retaining wall from Sta.A 1+310 to Sta.A 1+360 at LHS.	8/18/2014	8/19/2014	8/19/2014	0	A
	IR-13-00015-NHT-366-A	Fifth layer of backfilling behind the retaining wall from Sta.A 0+883 to Sta.A 0+930 at LHS.	8/18/2014	8/19/2014	8/19/2014	0	A
	IR-13-00015-NHT-367-A	First layer of base course for trench reinstatement from Sta.A 5+550 to Sta.A 5+700 at RHS.	8/18/2014	8/19/2014	8/19/2014	0	A
	IR-13-00015-NHT-368-A	-2.0 inch GSP (1003.4 LM) wall thickness 3.65 mm. -1.5 inch GSP (400.2 LM) wall thickness SCH40. -3/4 inch GSP (203.0 LM) wall thickness SCH40. -1 inch GSP (400.2 LM) wall thickness SCH40. And min thickness polyethylene coating 1.5 mm for all pipes at Nahaleen storage yard.	8/19/2014	8/19/2014	8/19/2014	0	C
	IR-13-00015-NHT-369-A	Threaded fittings as attached delivery notes at Nahaleen storage yard.	8/19/2014	8/19/2014	8/20/2014	1	A
	IR-13-00015-NHT-370-A	First layer of base course for road widening from Sta.A 3+500 to Sta.A 3+620 at RHS.	8/19/2014	8/19/2014	8/19/2014	0	A
	IR-13-00015-NHT-371-A	Reinforcement steel for stem of retaining wall from Sta.A 1+360 to Sta.A 1+383 at LHS.	8/19/2014	8/19/2014	8/19/2014	0	A
	IR-13-00015-NHT-372-A	Final formwork for stem of retaining wall from Sta.A 1+360 to Sta.A 1+383 at LHS.	8/20/2014	8/20/2014	8/21/2014	1	A
	IR-13-00015-NHT-373-A	Cast concrete for stem of retaining wall from Sta.A 1+360 to Sta.A 1+383 at LHS.	08/20/14	8/20/2014	8/21/2014	1	A
	IR-13-00015-NHT-374-A	Steel reinforcement for retaining walls stem from Sta.A 1+290 to Sta.A 1+310.	08/21/14	08/23/14	8/23/2014	0	A
	IR-13-00015-NHT-375-A	(276) LM storm water pipe with 600 mm Dia and (138) rubber gasket At Sta.A 6+000.	8/21/2014	08/24/14	8/25/2014	1	A
	IR-13-00015-NHT-376-A	Final formwork for retaining walls stem from Sta.A 1+290 to Sta.A 1+310.	8/21/2014	08/23/14	8/23/2014	0	A
	IR-13-00015-NHT-377-A	Cast concrete for retaining walls stem from Sta.A 1+290 to Sta.A 1+310.	8/21/2014	08/23/14	8/23/2014	0	A
	IR-13-00015-NHT-379-A	Subgrade layer of road from Sta.A 0+980 to Sta.A 1+160.	8/21/2014	08/23/14	8/23/2014	0	C
	IR-13-00015-NHT-379-B	Subgrade layer of road from Sta.A 0+980 to Sta.A 1+160.	9/4/2014	09/04/14	9/4/2014	0	A
	IR-13-00015-NHT-380-A	Subgrade layer of road widening from Sta.A 3+380 to Sta.A 3+540 at RHS.	8/21/2014	08/23/14	8/23/2014	0	C

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	IR-13-00015-NHT-380-B	Subgrade layer of road widening from Sta.A 3+380 to Sta.A 3+540 at RHS.	8/28/2014	08/28/14	8/28/2014	0	A
	IR-13-00015-NHT-381-A	Cast blinding concrete under retaining walls foundation from Sta.A 1+350 to Sta.A 1+360 at RHS.	8/24/2014	8/24/2014	8/25/2014	1	A
	IR-13-00015-NHT-382-A	Steel reinforcement and final formwork for concrete encasement from Sta.A 0+947 to Sta.A 0+954 at RHS	8/24/2014	8/24/2014	8/25/2014	1	A
	IR-13-00015-NHT-383-A	Cast concrete for concrete encasement from Sta.A 0+947 to Sta.A 0+954 at RHS	8/24/2014	8/24/2014	8/25/2014	1	A
	IR-13-00015-NHT-384-A	Casting leveling concrete for step barriers from Sta.A 0+125 to Sta.A 0+205 at RHS.	8/24/2014	8/24/2014	8/25/2014	1	A
	IR-13-00015-NHT-385-A	Subgrade of road from Sta.B 0+200 to Sta.B 0+400.	8/25/2014	8/25/2014	8/26/2014	1	C
	IR-13-00015-NHT-385-B	Subgrade of road from Sta.B 0+200 to Sta.B 0+400.	10/27/2014	10/27/2014	10/27/2014	0	A
	IR-13-00015-NHT-386-A	GS - Fittings At Storage Yard.	8/28/2014	8/28/2014	8/28/2014	0	A
	IR-13-00015-NHT-387-A	Subgrade of road from Sta.B 0+400 to Sta.B 0+540.	8/28/2014	8/28/2014	8/28/2014	0	C
	IR-13-00015-NHT-387-B	Subgrade of road from Sta.B 0+400 to Sta.B 0+540.	10/27/2014	10/27/2014	10/27/2014	0	A
	IR-13-00015-NHT-388-A	First base course layer of road from Sta.A 0+200 to Sta.A 0+400.	8/28/2014	8/28/2014	8/28/2014	0	A
	IR-13-00015-NHT-389-A	Steel reinforcement and final formwork for step barriers from Sta.A 0+139.4 to Sta.A 0+146.60 at RHS.	8/28/2014	8/30/2014	8/31/2014	1	A
	IR-13-00015-NHT-390-A	Cast concrete for step barriers from Sta.A 0+139.4 to Sta.A 0+146.60 at RHS.	8/28/2014	8/30/2014	8/31/2014	1	A
	IR-13-00015-NHT-391-A	Subgrade of road from Sta.A 0+840 to Sta.A 0+980.	8/28/2014	8/30/2014	8/31/2014	1	A
	IR-13-00015-NHT-392-A	Subgrade of road from Sta.B 0+540 to Sta.B 0+680	8/28/2014	8/28/2014	8/28/2014	0	C
	IR-13-00015-NHT-392-B	Subgrade of road from Sta.B 0+540 to Sta.B 0+680	10/27/2014	10/27/2014	10/27/2014	0	A
	IR-13-00015-NHT-393-A	Reinforcement steel and final formwork for retaining walls foundation of the inlet box culvert at Sta.A 1+350 at RHS	8/31/2014	8/31/2014	8/31/2014	0	A
	IR-13-00015-NHT-394-A	Cast concrete for retaining walls foundation of the inlet box culvert at Sta.A 1+350 at RHS	8/31/2014	8/31/2014	8/31/2014	0	A
	IR-13-00015-NHT-395-A	Steel reinforcement and final formwork for step barriers from Sta.A 0+125 to Sta.A 0+132.20, from Sta.A 0+153.8 to Sta.A 0+161 ,from Sta.A 0+168.2 to Sta.A 0+175.4 and from Sta.A 0+182.60 to Sta.A 0+189.8 at RHS.	8/31/2014	8/31/2014	9/1/2014	1	A
	IR-13-00015-NHT-396-A	Cast concrete for step barriers from Sta.A 0+125 to Sta.A 0+132.20, from Sta.A 0+153.8 to Sta.A 0+161 ,from Sta.A 0+168.2 to Sta.A 0+175.4and from Sta.A 0+182.60 to Sta.A 0+189.8 at RHS.	8/31/2014	8/31/2014	9/1/2014	1	A

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	IR-13-00015-NHT-397-A	First base course layer of widening road from Sta.A 3+400 to Sta.A 3+540 at RHS.	9/1/2014	9/1/2014	9/2/2014	1	A
	IR-13-00015-NHT-398-A	Steel reinforcement and final formwork for step barriers from Sta.A 0+132.2 to Sta.A 0+139.4 , from Sta.A 0+146.6 to Sta.A 0+153.80 and from Sta.A 0+161 to Sta.A 0+168.20 at RHS.	9/1/2014	9/1/2014	9/1/2014	0	A
	IR-13-00015-NHT-399-A	Cast concret for step barriers from Sta.A 0+132.2 to Sta.A 0+139.4 , from Sta.A 0+146.6 to Sta.A 0+153.80 and from Sta.A 0+161 to Sta.A 0+168.20 at RHS.	9/1/2014	9/1/2014	9/1/2014	0	A
	IR-13-00015-NHT-400-A	Pressure test for 2 inch water pipeline from Sta.A 2+940 to Sta.A 3+320.	9/1/2014	9/1/2014	9/2/2014	1	A
	IR-13-00015-NHT-401-A	Final formwork and steel reinforcement for foundation of pipe culvert outlet at Sta.A 1+350 at LHS.	9/2/2014	9/2/2014	9/2/2014	0	A
	IR-13-00015-NHT-402-A	Cast concrete for foundation of pipe culvert outlet at Sta.A 1+350 at LHS.	9/2/2014	9/2/2014	9/2/2014	0	A
	IR-13-00015-NHT-403-A	Steel reinforcement and final formwork for stem of pipe culvert's inlet at Sta.A 1+350 at RHS.	9/2/2014	9/2/2014	9/2/2014	0	A
	IR-13-00015-NHT-404-A	Cast concrete for stem of pipe culvert's inlet at Sta.A 1+350 at RHS.	9/2/2014	9/2/2014	9/2/2014	0	A
	IR-13-00015-NHT-405-A	Reinforcement steel and final formwork for step barriers From Sta.A 0+175.4 to Sta.A 0+182.60 , from Sta.A 0+189.8 to Sta.A 0+197 and from Sta.A 0+197 to Sta.A 0+205 at RHS.	9/2/2014	9/2/2014	9/2/2014	0	A
	IR-13-00015-NHT-406-A	Cast concrete for step barriers From Sta.A 0+175.4 to Sta.A 0+182.60 , from Sta.A 0+189.8 to Sta.A 0+197 and from Sta.A 0+197 to Sta.A 0+205 at RHS.	9/2/2014	9/2/2014	9/2/2014	0	A
	IR-13-00015-NHT-407-A	First base course layer of road from Sta.A 0+840 to Sta.A 1+060.	9/3/2014	9/3/2014	9/4/2014	1	A
	IR-13-00015-NHT-408-A	First base course layer of road from Sta.B 0+200 to Sta.B 0+400.	9/3/2014	9/3/2014	9/3/2014	0	C
	IR-13-00015-NHT-408-B	First base course layer of road from Sta.B 0+200 to Sta.B 0+400.	10/27/2014	10/27/2014	10/27/2014	0	A
	IR-13-00015-NHT-409-A	Cast blinding concrete under retaining wall's foundation from Sta.E 0+106 to Sta.E 0+165 at RHS.	9/3/2014	9/3/2014	9/4/2014	1	A
	IR-13-00015-NHT-410-A	Subgrade of roadfrom Sta.A 1+900 to Sta.A 2+260.	9/4/2014	9/6/2014	9/7/2014	1	A
	IR-13-00015-NHT-411-A	Second base course layer for trench reinstatement from Sta.A 5+000 to Sta.A 5+700.	9/4/2014	9/6/2014	9/7/2014	1	A
	IR-13-00015-NHT-412-A	Steel reinforcement and final formwork for step barriers Steel reinforcement and final formwork for step barriers From Sta.A 0+484.0 to Sta.A 0+491.20 ,From Sta.A 0+498.4 to Sta.A 0+505.60,From Sta.A 0+512.80 to Sta.A 0+520.0 and From Sta.A 0+527.20 to Sta.A0+534.40.	9/4/2014	9/6/2014	9/7/2014	1	A

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	IR-13-00015-NHT-413-A	Cast concrete for step barriers Steel reinforcement and final formwork for step barriers From Sta.A 0+484.0 to Sta.A 0+491.20 ,From Sta.A 0+498.4 to Sta.A 0+505.60,From Sta.A 0+512.80 to Sta.A 0+520.0 and From Sta.A 0+527.20 to Sta.A0+534.40.	9/4/2014	9/6/2014	9/7/2014	1	A
	IR-13-00015-NHT-415-A	Pressure tests for 2 inch water pipeline from Sta.A 2+260 to Sta.A 2+940 at RHS.	9/6/2014	9/9/2014	9/9/2014	0	A
	IR-13-00015-NHT-417-A	base course layer of road from Sta.A 2+320 to Sta.A 3+100.	9/6/2014	9/6/2014	9/8/2014	2	C
	IR-13-00015-NHT-417-B	base course layer of road from Sta.A 2+320 to Sta.A 3+100.	9/11/2014	9/11/2014	9/11/2014	0	A
	IR-13-00015-NHT-418-A	Steel reinforcement and final formwork for step barriers From Sta.A 0+491.20 to Sta.A 0+498.4, From Sta.A 0+505.60 to Sta.A0+512.8 , From Sta.A 0+520 to Sta.A 0+527.20 and From Sta.A 0+534.4 to Sta.A 0+541.60.	9/7/2014	9/7/2014	9/8/2014	1	A
	IR-13-00015-NHT-419-A	Cast concrete for step barriers From Sta.A 0+491.20 to Sta.A 0+498.4, From Sta.A 0+505.60 to Sta.A0+512.8 , From Sta.A 0+520 to Sta.A 0+527.20 and From Sta.A 0+534.4 to Sta.A 0+541.60.	9/7/2014	9/7/2014	9/8/2014	1	A
	IR-13-00015-NHT-420-A	Second base course layer of road widening from Sta.A 3+400 to Sta.A 3+800.	9/7/2014	9/8/2014	9/9/2014	1	A
	IR-13-00015-NHT-421-A	Second base course layer of trench reinstatement from Sta.A 4+200 to Sta.A 5+000 at RHS.	09/07/14	09/07/14	9/8/2014	1	A
	IR-13-00015-NHT-422-A	Subgrade of road from Sta.A 2+250 to Sta.A 2+350.	9/7/2014	9/7/2014	9/8/2014	1	A
	IR-13-00015-NHT-423-A	Steel reinforcement and final formwork for step barriers from Sta.A 0+544.60 to Sta.A 0+551.80 and from Sta.A 0+559.00 to Sta.A 0+566.20.	9/7/2014	9/8/2014	9/9/2014	1	A
	IR-13-00015-NHT-424-A	Cast concrete for step barriers from Sta.A 0+544.60 to Sta.A 0+551.80 and from Sta.A 0+559.00 to Sta.A 0+566.20.	9/7/2014	9/8/2014	9/9/2014	1	A
	IR-13-00015-NHT-425-A	Steel reinforcement and final formwork for retaining wall from Sta.E 0+106 to Sta.A 0+135 at RHS.	9/8/2014	9/8/2014	9/9/2014	1	A
	IR-13-00015-NHT-426-A	Cast concrete for retaining wall from Sta.E 0+106 to Sta.A 0+135 at RHS.	9/8/2014	9/8/2014	9/9/2014	1	A
	IR-13-00015-NHT-427-A	Subgrade of road From Sta.A 3+100 to Sta.A 3+240.	9/9/2014	9/9/2014	9/10/2014	1	A
	IR-13-00015-NHT-428-A	First base course layer for trench reinstatement from Sta.A 4+580 to Sta.A 4+740 at RHS From Sta.A 3+820 to Sta.A 3+920.	9/8/2014	9/8/2014	9/9/2014	1	A
	IR-13-00015-NHT-429-A	Second base course layer for trench reinstatement From Sta.A 3+820 to Sta.A 3+920.	9/9/2014	9/9/2014	9/9/2014	0	A
	IR-13-00015-NHT-430-A	First base course layer for trench reinstatement From Sta.A 4+050 to Sta.A 4+120 at RHS.	9/9/2014	9/9/2014	9/9/2014	0	A

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	IR-13-00015-NHT-431-A	Spraying MC for road widening From Sta.A 3+420 to Sta.A 3+800.	9/9/2014	9/9/2014	9/10/2014	1	A
	IR-13-00015-NHT-432-A	Steel reinforcement and final formwork for step barriers From Sta.A 0+551.8 to Sta.A 0+559.0 at LHS From Sta.A 0+594.0 to Sta.A 0+601.2 at LHS.	9/10/2014	9/10/2014	9/11/2014	1	A
	IR-13-00015-NHT-433-A	Cast concrete for step barriers From Sta.A 0+551.8 to Sta.A 0+559.0 at LHS From Sta.A 0+594.0 to Sta.A 0+601.2 at LHS.	9/10/2014	9/10/2014	9/11/2014	1	A
	IR-13-00015-NHT-434-A	Steel reinforcement and final formwork for step barriers From Sta.A 0+572.0 to Sta.A 0+579.0 at RHS From Sta.A 0+586.4 to Sta.A 0+593.6 at RHS.	9/10/2014	9/10/2014	9/11/2014	1	A
	IR-13-00015-NHT-435-A	Cast concrete for step barriers From Sta.A 0+572.0 to Sta.A 0+579.0 at RHS From Sta.A 0+586.4 to Sta.A 0+593.6 at RHS.	9/10/2014	9/10/2014	9/11/2014	1	A
	IR-13-00015-NHT-436-A	Second base course layer for trench reinstatement from Sta.A 4+000 to Sta.A 4+200 at RHS	9/10/2014	9/10/2014	9/11/2014	1	A
	IR-13-00015-NHT-437-A	Second base course layer for trench reinstatement from Sta.A 3+920 to Sta.A 4+000 at RHS.	9/11/2014	9/11/2014	9/11/2014	0	A
	IR-13-00015-NHT-438-A	Base course layer of road from Sta.A 2+040 to Sta.A 2+320.	09/11/14	09/11/14	9/11/2014	0	A
	IR-13-00015-NHT-439-A	Topping layer of road from Sta.A 3+170 to Sta.A 3+245.	09/11/14	09/11/14	9/11/2014	0	A
	IR-13-00015-NHT-440-A	Final preparing of base course from Sta.A 2+280 to Sta.A 3+100.	9/11/2014	9/12/2014	9/13/2014	1	A
	IR-13-00015-NHT-441-A	Spreading and compacting asphalt layer for road from Sta.A 2+280 to Sta.A 3+100.	9/11/2014	9/13/2014	9/14/2014	1	A
	IR-13-00015-NHT-442-A	Final formwork, steel fixing and casting concrete for step barriers from Sta. A0+594.4 to Sta. A0+601.2, from Sta. A0+628.8 to Sta. A0+636 LHS.	9/14/2014	9/15/2014	9/15/2014	0	A
	IR-13-00015-NHT-443-A	Steel reinforcement for stem of retaining wall from Sta.E 0+106 to Sta.E 0+135 at RHS.	9/14/2014	9/14/2014	9/15/2014	1	A
	IR-13-00015-NHT-444-A	Pressure test for 3 inch pipeline and house connection from Sta.A 1+990 to Sta.A 2+250.	9/14/2014	9/13/2014	9/13/2014	0	A
	IR-13-00015-NHT-445-A	Cast blinding concrete for retaining wall from Sta.A 1+250 to Sta.A 1+290 at RHS.	9/14/2014	9/14/2014	9/15/2014	1	A
	IR-13-00015-NHT-446-A	First base course layer of road from Sta.B 0+400 to Sta.B 0+680.	9/14/2014	9/14/2014	9/15/2014	1	A
	IR-13-00015-NHT-447-A	Installation of guardrail for road from Sta.A 2+280 to Sta.A 3+100 at LHS.	9/14/2014	9/15/2014	9/15/2014	0	A
	IR-13-00015-NHT-448-A	Steel reinforcement and final formwork for step barriers From Sta.A 0+579.0 to Sta.A 0+586.4 at RHS, From Sta.A 0+593.6 to Sta.A 0+600.8 at RHS,From Sta.A 0+559.0 to Sta.A 0+566.2 at LHS, From Sta.A 0+604.2 to Sta.A 0+611.4 at LHS,From Sta.A 0+618.6 to Sta.A 0+625.8 at LHS.	9/14/2014	9/13/2014	9/14/2014	1	A

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	IR-13-00015-NHT-449-A	Cast concrete for step barriers From Sta.A 0+579.0 to Sta.A 0+586.4 at RHS, From Sta.A 0+593.6 to Sta.A 0+600.8 at RHS,From Sta.A 0+559.0 to Sta.A 0+566.2 at LHS, From Sta.A 0+604.2 to Sta.A 0+611.4 at LHS,From Sta.A 0+618.6 to Sta.A 0+625.8 at LHS.	09/14/14	09/13/14	9/14/2014	1	A
	IR-13-00015-NHT-450-A	Spreading MC for trench reinstatement from Sta.A 4+400 to Sta.A 5+700 at RHS.	09/14/14	09/13/14	9/15/2014	2	D
	IR-13-00015-NHT-450-B	Spreading MC and 3/4 inch asphalt layer for trench reinstatement from Sta.A 4+400 to Sta.A 5+700 at RHS.	09/21/14	09/21/14	9/21/2014	0	A
	IR-13-00015-NHT-451-A	Spreading MC for road widening from Sta.A 3+420 to Sta.A 4+400 at RHS.	9/14/2014	9/14/2014	9/15/2014	1	D
	IR-13-00015-NHT-451-B	Spreading MC and 3/4 inch asphalt layer for road widening from Sta.A 3+420 to Sta.A 4+400 at RHS.	9/21/2014	9/21/2014	9/21/2014	0	A
	IR-13-00015-NHT-452-A	First layer of backfilling behind retaining wall from Sta.A 1+290 to Sta.A 1+380 at RHS.	9/14/2014	9/14/2014	9/15/2014	1	A
	IR-13-00015-NHT-453-A	Cast blinding concrete for retaining wall - Segment E from Sta.E 0+045 to Sta.A 0+083 at RHS.	9/15/2014	9/15/2014	9/16/2014	1	C
	IR-13-00015-NHT-453-B	Cast blinding concrete for retaining wall - Segment E from Sta.E 0+045 to Sta.A 0+083 at RHS.	9/17/2014	9/17/2014	9/17/2014	0	C
	IR-13-00015-NHT-453-C	Cast blinding concrete under retaining wall,s foundation- Segment E from Sta.E 0+045 to Sta.A 0+083 at RHS.	9/21/2014	9/21/2014	9/21/2014	0	A
	IR-13-00015-NHT-454-A	Second backfilling layer behind retaining wall -Segment A From Sta.A 1+290 to Sta.A 1+380 at RHS.	9/15/2014	9/15/2014	9/16/2014	1	A
	IR-13-00015-NHT-455-A	Second Base course layer of road -Segment A From Sta.A 0+860 to Sta.A 1+000.	9/15/2014	9/15/2014	9/16/2014	1	C
	IR-13-00015-NHT-455-B	Second Base course layer of road -Segment A From Sta.A 0+860 to Sta.A 1+000.	10/26/2014	10/27/2014	10/27/2014	0	A
	IR-13-00015-NHT-456-A	Base course layer of road -Segment A From Sta.A 3+100 to Sta.A 3+240.	9/15/2014	9/15/2014	9/16/2014	1	A
	IR-13-00015-NHT-457-A	Second base course layer of road from Sta.A 0+120 to Sta.A 0+500.	9/15/2014	9/15/2014	9/16/2014	1	C
	IR-13-00015-NHT-457-B	Second base course layer of road from Sta.A 0+120 to Sta.A 0+500.	9/22/2014	9/23/2014	9/23/2014	0	A
	IR-13-00015-NHT-458-A	Final formwork for stem of retaining wall from Sta.E 0+106 to Sta.E 0+135 at LHS.	9/16/2014	9/17/2014	9/17/2014	0	A
	IR-13-00015-NHT-459-A	Cast concrete for stem of retaining wall from Sta.E 0+106 to Sta.E 0+135 at LHS.	9/16/2014	9/17/2014	9/17/2014	0	A
	IR-13-00015-NHT-460-A	First base course layer for road from Sta.A 1+060 to Sta.A 1+140 at LHS.	9/16/2014	9/17/2014	9/17/2014	0	C
	IR-13-00015-NHT-460-B	First base course layer for road from Sta.A 1+060 to Sta.A 1+140 at LHS.	10/26/2014	10/27/2014	10/27/2014	0	A

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	IR-13-00015-NHT-461-A	Third backfilling layer behind retaining wall from Sta.A 1+290 to Sta.A 1+383.	9/16/2014	9/17/2014	9/17/2014	0	A
	IR-13-00015-NHT-462-A	Reinforcement steel and final formwork for step barriers From Sta.A 0+592.80 to Sta.A 0+594.00 at LHS,From Sta.A 0+620.00 to Sta.A 0+627.20 at LHS, From Sta.A 0+627.20 to Sta.A 0+634.40 at LHS,From Sta.A 0+634.40 to Sta.A 0+641.60 at LHS.	9/18/2014	9/18/2014	9/18/2014	0	A
	IR-13-00015-NHT-463-A	Cast concrete for step barriers From Sta.A 0+592.80 to Sta.A 0+594.00 at LHS,From Sta.A 0+620.00 to Sta.A 0+627.20 at LHS, From Sta.A 0+627.20 to Sta.A 0+634.40 at LHS,From Sta.A 0+634.40 to Sta.A 0+641.60 at LHS.	9/18/2014	9/18/2014	9/18/2014	0	A
	IR-13-00015-NHT-464-A	Reinforcement steel and final formwork for step barriers From Sta.A 0+641.60 to Sta.A 0+648.80 at LHS, From Sta.A 0+652.00 to Sta.A 0+659.20 at LHS,From Sta.A 0+662.20 to Sta.A 0+669.20 at LHS,From Sta.A 0+672.20 to Sta.A 0+679.40 at LHS.	9/18/2014	9/18/2014	9/18/2014	0	A
	IR-13-00015-NHT-465-A	Cast concrete for step barriers From Sta.A 0+641.60 to Sta.A 0+648.80 at LHS, From Sta.A 0+652.00 to Sta.A 0+659.20 at LHS,From Sta.A 0+662.20 to Sta.A 0+669.20 at LHS,From Sta.A 0+672.20 to Sta.A 0+679.40 at LHS.	9/18/2014	9/18/2014	9/18/2014	0	A
	IR-13-00015-NHT-466-A	Final preparing of base course before spreading MC From Sta.A 0+120 to Sta.A 0+500.	9/17/2014	9/17/2014	9/18/2014	1	A
	IR-13-00015-NHT-467-A	From Sta.A 0+120 to Sta.A 0+500 From Sta.A 0+120 to Sta.A 0+500.	9/17/2014	9/17/2014	9/18/2014	1	A
	IR-13-00015-NHT-468-A	Reinforcement steel and final formwork for step barriers From Sta.A 0+585.60 to Sta.A 0+592.00 at LHS,From Sta.A 0+725.00 to Sta.A 0+732.20 at LHS,From Sta.A 0+746.00 to Sta.A 0+753.20 at LHS,From Sta.A 0+760.40 to Sta.A 0+767.60 at LHS,From Sta.A 0+774.80 to Sta.A 0+782.00 at LHS, From Sta.A 0+785.00 to Sta.A 0+792.20 at LHS.	9/17/2014	9/17/2014	9/18/2014	1	C
	IR-13-00015-NHT-469-A	Cast concrete for step barriers From Sta.A 0+585.60 to Sta.A 0+592.00 at LHS,From Sta.A 0+725.00 to Sta.A 0+732.20 at LHS,From Sta.A 0+746.00 to Sta.A 0+753.20 at LHS,From Sta.A 0+760.40 to Sta.A 0+767.60 at LHS,From Sta.A 0+774.80 to Sta.A 0+782.00 at LHS, From Sta.A 0+785.00 to Sta.A 0+792.20 at LHS.	9/17/2014	9/17/2014	9/18/2014	1	C
	IR-13-00015-NHT-470-A	Spreading 1 inch asphalt layer for road from Sta.A 0+120 to Sta.A 0+480.	9/18/2014	9/18/2014	9/18/2014	0	A

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	IR-13-00015-NHT-471-A	(1000.20) LM of 4 inch steel pipe, (366) LM of 3 inch steel pipe and (719.80) LM of 6 inch steel pipe,(30) Piece of 3 inch shrinkable sheet, (82) piece of 4 inch shrinkable sheet and (59) pieces of 6 inch shrinkable sheet.	9/18/2014	9/18/2014	9/18/2014	0	C
	IR-13-00015-NHT-472-A	Fourth backfilling layer behind retaining wall From Sta.A 1+290 to Sta.A 1+383 at LHS.	9/18/2014	9/20/2014	9/21/2014	1	A
	IR-13-00015-NHT-473-A	Welding and painting of Tee (3 "/2 ") SJ17, SJ18, and SJ19 …. SJ45	9/21/2014	9/21/2014	9/21/2014	0	A
	IR-13-00015-NHT-474-A	Reinforcement steel and final formwork for retaining wall's foundation From Sta.A 1+250 to Sta.A 1+290 at LHS.	9/21/2014	9/21/2014	9/21/2014	0	A
	IR-13-00015-NHT-475-A	Cast concrete for retaining wall's foundation From Sta.A 1+250 to Sta.A 1+290 at LHS.	09/21/2-14	9/21/2014	9/21/2014	0	A
	IR-13-00015-NHT-476-A	Reinforcement steel and final formwork for retaining wall's foundation-segment E From Sta.E 0+135 to Sta.E 0+160 at LHS.	9/21/2014	9/21/2014	9/21/2014	0	A
	IR-13-00015-NHT-477-A	Cast concrete for retaining wall's foundation-segment E From Sta.E 0+135 to Sta.E 0+160 at LHS.	9/21/2014	9/21/2014	9/21/2014	0	A
	IR-13-00015-NHT-478-A	Reinforcement steel and final formwork for step barriers-segment A From Sta.A 0+578.40 to Sta.A 0+585.60 at LHS, From Sta.A 0+738.80 to Sta.A 0+746.00 at LHS,From Sta.A 0+753.20 to Sta.A 0+760.40 at LHS,From Sta.A 0+767.60 to Sta.A 0+774.80 at LHS,From Sta.A 0+785.00 to Sta.A 0+792.20 at LHS,From Sta.A 0+799.40 to Sta.A 0+806.60 at LHS.	9/21/2014	9/21/2014	9/21/2014	0	A
	IR-13-00015-NHT-479-A	Cast concrete for step barriers-segment A From Sta.A 0+578.40 to Sta.A 0+585.60 at LHS, From Sta.A 0+738.80 to Sta.A 0+746.00 at LHS,From Sta.A 0+753.20 to Sta.A 0+760.40 at LHS,From Sta.A 0+767.60 to Sta.A 0+774.80 at LHS,From Sta.A 0+785.00 to Sta.A 0+792.20 at LHS,From Sta.A 0+799.40 to Sta.A 0+806.60 at LHS.	9/21/2014	9/21/2014	9/21/2014	0	A
	IR-13-00015-NHT-480-A	Reinforcement steel and final formwork for step barriers-segment A From Sta.A 0+571.20 to Sta.A 0+578.40 at LHS,From Sta.A 0+731.60 to Sta.A 0+738.80 at LHS,From Sta.A 0+792.20 to Sta.A 0+799.40 at LHS.	9/21/2014	9/22/2014	9/22/2014	0	A

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	IR-13-00015-NHT-481-A	Cast concrete for step barriers-segment A From Sta.A 0+571.20 to Sta.A 0+578.40 at LHS,From Sta.A 0+731.60 to Sta.A 0+738.80 at LHS,From Sta.A 0+792.20 to Sta.A 0+799.40 at LHS.	9/21/2014	9/22/2014	9/22/2014	0	A
	IR-13-00015-NHT-482-A	Subgrade material for road from Sta.A 1+460 to Sta.A 1+760.	9/22/2014	9/23/2014	9/24/2014	1	C
	IR-13-00015-NHT-482-B	Subgrade material for road from Sta.A 1+460 to Sta.A 1+760.	10/16/2014	10/18/2014	10/18/2014	0	A
	IR-13-00015-NHT-483-A	Reinforcement steel for stem of retaining wall from Sta.E 0+121 to Sta.E 0+135.	9/22/2014	9/23/2014	9/23/2014	0	C
	IR-13-00015-NHT-483-B	Reinforcement steel for stem of retaining wall from Sta.E 0+121 to Sta.E 0+135.	9/25/2014	9/25/2014	9/25/2014	0	A
	IR-13-00015-NHT-484-A	Reinforcement steel and final formwork for step barriers from Sta.A 0+810 to Sta.A 0+817.20 , from Sta.A 0+824.4 to Sta.A 0+831.6 and from Sta.A 0+838.8 to Sta.A 0+846 t LHS.	9/22/2014	9/23/2014	9/23/2014	0	A
	IR-13-00015-NHT-485-A	Cast concrete for step barriers from Sta.A 0+810 to Sta.A 0+817.20 , from Sta.A 0+824.4 to Sta.A 0+831.6 and from Sta.A 0+838.8 to Sta.A 0+846 t LHS.	9/22/2014	9/23/2014	9/23/2014	0	A
	IR-13-00015-NHT-486-A	Excavation and spreading single size under foundation of flow monitoring manhole at Sta.A 0+720 at RHS.	9/22/2014	9/23/2014	9/23/2014	0	C
	IR-13-00015-NHT-486-B	Excavation and spreading single size under foundation of flow monitoring manhole at Sta.A 0+720 at RHS.	9/25/2014	9/25/2014	9/25/2014	0	A
	IR-13-00015-NHT-487-A	Excavation and spreading single size under buttery fly and ARV manhole at Sta.A 1+106.	9/22/2014	9/23/2014	9/23/2014	0	A
	IR-13-00015-NHT-488-A	Reinforcement steel for foundation of buttery fly and ARV manhole at Sta.A 1+106.	9/22/2014	9/23/2014	9/23/2014	0	A
	IR-13-00015-NHT-489-A	Reinforcement steel and final formwork for step barriers From Sta.A 0+817.20 to Sta.A 0+824.40 at LHS, From Sta.A 0+831.60 to Sta.A 0+838.80 at LHS,From Sta.A 0+853.20 to Sta.A 0+860.40 at LHS.	9/23/2014	9/24/2014	9/24/2014	0	A
	IR-13-00015-NHT-490-A	Cast concrete for step barriers From Sta.A 0+817.20 to Sta.A 0+824.40 at LHS, From Sta.A 0+831.60 to Sta.A 0+838.80 at LHS,From Sta.A 0+853.20 to Sta.A 0+860.40 at LHS.	9/23/2014	9/24/2014	9/24/2014	0	A
	IR-13-00015-NHT-491-A	Steel reinforcement for stem of retaining wall-segment A From Sta.A 1+270 to Sta.A 1+290 at LHS.	9/23/2014	9/23/2014	9/24/2014	1	C

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	IR-13-00015-NHT-491-B	Steel reinforcement for stem of retaining wall-segment A From Sta.A 1+270 to Sta.A 1+290 at LHS.	9/25/2014	9/25/2014	9/25/2014	0	A
	IR-13-00015-NHT-492-A	Final formwork for stem of retaining wall from Sta.A 1+270 to Sta.A 1+290.	9/25/2014	9/27/2014	9/28/2014	1	A
	IR-13-00015-NHT-493-A	Cast concrete for stem of retaining wall from Sta.A 1+270 to Sta.A 1+290.	9/25/2014	9/27/2014	9/28/2014	1	A
	IR-13-00015-NHT-494-A	Reinforcement steel for stem of retaining wall from Sta.E 0+135 to Sta.E 0+160 at RHS.	9/25/2014	9/27/2014	9/28/2014	1	A
	IR-13-00015-NHT-495-A	Second base course layer for road from Sta.B 0+220 to Sta.B 0+600.	9/25/2014	9/27/2014	9/28/2014	1	A
	IR-13-00015-NHT-496-A	Reinforcement steel and final formwork for step barriers From Sta.A 0+824.4 to Sta.A 0+831.6 at LHS, From Sta.A 0+837.8 to Sta.A 0+845 at LHS, From Sta.A 0+846 to Sta.A 0+853.2 at LHS.	9/25/2014	9/27/2014	9/28/2014	1	A
	IR-13-00015-NHT-497-A	Cast concrete for step barriers From Sta.A 0+824.4 to Sta.A 0+831.6 at LHS, From Sta.A 0+837.8 to Sta.A 0+845 at LHS, From Sta.A 0+846 to Sta.A 0+853.2 at LHS.	9/25/2014	9/27/2014	9/28/2014	1	A
	IR-13-00015-NHT-498-A	Weld joint 10 inch without cement lining (visual inspection) and weld joint 10 inch with cement lining (for RT) to qualify welder Naga	9/28/2014	9/28/2014	9/29/2014	1	C
	IR-13-00015-NHT-498-B	Weld joint 10 inch without cement lining (visual inspection) and weld joint 10 inch with cement lining (for RT) to qualify welder Naga	10/26/2014	10/27/2014	10/27/2014	0	A
	IR-13-00015-NHT-499-A	Final formwork for stem of retaining wall-segment E From Sta.E 0+121 to Sta.E 0+135 at RHS.	9/28/2014	9/28/2014	9/29/2014	1	A
	IR-13-00015-NHT-500-A	Cast concrete for butterfly, ARV manhole and flow monitoring chamber At Sta.A 1+106 and Sta.A 0+720.	9/28/2014	9/28/2014	9/29/2014	1	A
	IR-13-00015-NHT-501-A	Spreading MC and asphalt layer of road from Sta.B 0+300 to Sta.B 0+680.	9/28/2014	9/28/2014	9/29/2014	1	A
	IR-13-00015-NHT-502-A	Pressure test for 2 inch pipe from Sta.B 0+190 to Sta.B 0+370, from Sta.B 0+370 to Sta.B 0+550 and from Sta.B 0+550 to Sta.B 0+680.	9/28/2014	9/28/2014	9/29/2014	1	A
	IR-13-00015-NHT-503-A	Final formwork and steel reinforcement for foundation of retaining wall-segment E From Sta.E 0+045 to Sta.E 0+083 at RHS.	9/29/2014	9/29/2014	9/30/2014	1	A
	IR-13-00015-NHT-504-A	Final formwork for stem of retaining wall-segment E From Sta.E 0+135 to Sta.E 0+160 at RHS.	9/29/2014	9/29/2014	9/30/2014	1	A
	IR-13-00015-NHT-505-A	Cast concrete for stem of retaining wall-segment E From Sta.E 0+121 to Sta.E 0+135 at RHS.	9/29/2014	9/29/2014	9/30/2014	1	A

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	IR-13-00015-NHT-506-A	Reinforcement steel for walls of manholes ,ARV and butterfly chamber at Sta.A 1+106 ,Flow monitoring chamber at Sta.A 0+720.	9/30/2014	9/30/2014	10/1/2014	1	A
	IR-13-00015-NHT-507-A	Final formwork for walls of manholes ,ARV and butterfly chamber at Sta.A 1+106 ,Flow monitoring chamber at Sta.A 0+720.	9/30/2014	10/1/2014	10/1/2014	0	A
	IR-13-00015-NHT-508-A	Cast concrete for walls of manholes ,ARV and butterfly chamber at Sta.A 1+106 ,Flow monitoring chamber at Sta.A 0+720.	9/30/2014	10/1/2014	10/1/2014	0	A
	IR-13-00015-NHT-509-A	Cast concrete for foundation of retaining wall from Sta.E 0+045 to Sta.E 0+083 at RHS.	9/30/2014	10/1/2014	10/1/2014	0	A
	IR-13-00015-NHT-510-A	Cast concrete for stem of retaining wall from Sta.E 0+148 to Sta.E 0+160 at RHS.	9/30/2014	9/30/2014	10/1/2014	1	A
	IR-13-00015-NHT-511-A	Subgrade of road from Sta.B 0+000 to Sta.B 0+200.	9/30/2014	9/30/2014	10/1/2014	1	C
	IR-13-00015-NHT-512-A	Reinforcement steel for step barrires From Sta.A 0+860.0 to Sta.A 0+867.4 at LHS,From Sta.A 0+874.8 to Sta.A 0+882.2 at LHS,From Sta.A 0+889.6 to Sta.A 0+897.0 at LHS,From Sta.A 0+907.0 to Sta.A 0+908.1 at LHS and From Sta.A 0+915.5 to Sta.A 0+922.9 at LHS.	10/1/2014	10/1/2014	10/1/2014	0	A
	IR-13-00015-NHT-513-A	Cast concrete for step barrires From Sta.A 0+860.0 to Sta.A 0+867.4 at LHS,From Sta.A 0+874.8 to Sta.A 0+882.2 at LHS,From Sta.A 0+889.6 to Sta.A 0+897.0 at LHS,From Sta.A 0+907.0 to Sta.A 0+908.1 at LHS and From Sta.A 0+915.5 to Sta.A 0+922.9 at LHS.	10/1/2014	10/1/2014	10/1/2014	0	A
	IR-13-00015-NHT-514-A	Reinforcement steel for stem of retaining wall from Sta.E 0+135 to Sta.E 0+148 at RHS.	10/9/2014	10/9/2014	10/9/2014	0	A
	IR-13-00015-NHT-515-A	Installation of curbstone from Sta.B 0+550 to Sta.B 0+680 at LHS and from Sta.B 0+470 to Sta.B 0+520 at RHS.	10/9/2014	10/11/2014	10/12/2014	1	A
	IR-13-00015-NHT-516-A	Reinforcement steel and final formwork for step barriers From Sta.A 0+867.4 to Sta.A 0+874.8 at LHS, From Sta.A 0+882.20 to Sta.A 0+889.6 at RHS, From Sta.A 0+897 to Sta.A 0+907 at LHS,From Sta.A 0+908.10 to Sta.A 0+915.50 at RHS and From Sta.A 0+922.90 to Sta.A 0+930.30 at LHS.	10/9/2014	10/11/2014	10/12/2014	1	A

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	IR-13-00015-NHT-517-A	Cast concrete for step barriers From Sta.A 0+867.4 to Sta.A 0+874.8 at LHS, From Sta.A 0+882.20 to Sta.A 0+889.6 at RHS, From Sta.A 0+897 to Sta.A 0+907 at LHS,From Sta.A 0+908.10 to Sta.A 0+915.50 at LHS and From Sta.A 0+922.90 to Sta.A 0+930.30 at LHS.	10/9/2014	10/11/2014	10/12/2014	1	A
	IR-13-00015-NHT-518-A	Steel reinforcement and final formwork for concrete support-segment D S (62), S (61), S (60), S (59) and S (58).	10/9/2014	10/12/2014	10/13/2014	1	C
	IR-13-00015-NHT-518-B	Steel reinforcement and final formwork for concrete support-segment D S (62), S (61), S (60), S (59) and S (58).	10/16/2014	10/22/2014	10/22/2014	0	A
	IR-13-00015-NHT-519-A	Subgrade of road from Sta.A 1+160 to Sta.A 1+300.	10/9/2014	10/11/2014	10/12/2014	1	A
	IR-13-00015-NHT-520-A	Reinforcement steel for stem of retaining wall from Sta.E 0+045 to Sta.E 0+057 and from Sta.E 0+070 to Sta.A 0+083 at RHS.	10/9/2014	10/11/2014	10/12/2014	1	A
	IR-13-00015-NHT-521-A	Final formwork for stem of retaining wall from Sta.E 0+135 to Sta.E 0+148 at RHS.	10/9/2014	10/11/2014	10/12/2014	1	A
	IR-13-00015-NHT-522-A	Cast concrete for stem of retaining wall from Sta.E 0+135 to Sta.E 0+148 at RHS.	10/9/2014	10/11/2014	10/12/2014	1	A
	IR-13-00015-NHT-523-A	Ductile iron cover (750 mm clear opening	10/12/2014	10/12/2014	10/13/2014	1	C
	IR-13-00015-NHT-524-A	Excavation and foundation for one side shutter of stone wall protection from Sta.E 0+550 to Sta.E 0+595.29 at LHS.	10/12/2014	10/12/2014	10/13/2014	1	A
	IR-13-00015-NHT-525-A	Steel reinforcement for one side shutter of stone wall protection from Sta.E 0+540 to Sta.E 0+610 at LHS.	10/12/2014	10/12/2014	10/13/2014	1	A
	IR-13-00015-NHT-526-A	Excavation, installation and isolation for washout manhole 3 inch manhole and 12 inch manhole at Sta.A 1+340 at LHS.	10/12/2014	10/12/2014	10/13/2014	1	C
	IR-13-00015-NHT-526-B	Excavation, installation and isolation for washout manhole 3 inch manhole and 12 inch manhole at Sta.A 1+340 at LHS.	10/16/2014	10/27/2014	10/27/2014	0	A
	IR-13-00015-NHT-527-A	Isolation of manhole with bitumen protective coating combination ARV and butterfly valve at Sta.A 1+160.	10/12/2014	10/12/2014	10/13/2014	1	A
	IR-13-00015-NHT-528-A	Isolation of manhole with bitumen protective coating Flow monitoring chamber at Sta.A 0+720 at RHS.	10/12/2014	10/12/2014	10/13/2014	1	A
	IR-13-00015-NHT-529-A	Excavation, installation, isolation and final backfilling for manhole combination ARV (3") + G.V (3") at Sta.A 1+830 and combination GV (3") + GV (3") at Sta.A 2+265.	10/12/2014	10/12/2014	10/13/2014	1	A
	IR-13-00015-NHT-530-A	Install of curbstone from Sta.B 0+380 to Sta.B 0+470 to RHS.	10/12/2014	10/13/2014	10/13/2014	0	A

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	IR-13-00015-NHT-531-A	Reinforcements steel and final formwork for step barriers from Sta.A 0+937.70 to Sta.A 0+945.10 , from Sta.A 0+952.5 to Sta.A 0+959.90 and from Sta.A 0+967.3 to Sta.A 0+974.70 at LHS.	10/12/2014	10/13/2014	10/13/2014	0	A
	IR-13-00015-NHT-532-A	Cast concrete for step barriers from Sta.A 0+937.70 to Sta.A 0+945.10 , from Sta.A 0+952.5 to Sta.A 0+959.90 and from Sta.A 0+967.3 to Sta.A 0+974.70 at LHS.	10/12/2014	10/12/2014	10/13/2014	1	A
	IR-13-00015-NHT-533-A	Final formwork for stem of retaining wall from Sta.E 0+045 to Sta.E 0+057 and from Sta.E 0+070 to Sta.E 0+083 at RHS.	10/12/2014	10/13/2014	10/14/2014	1	A
	IR-13-00015-NHT-534-A	Cast concrete for stem of retaining wall from Sta.E 0+045 to Sta.E 0+057 and from Sta.E 0+070 to Sta.E 0+083 at RHS.	10/12/2014	10/13/2014	10/14/2014	1	A
	IR-13-00015-NHT-535-A	Cast concrete for foundation of stone wall protection from Sta.E 0+540 to Sta.E 0+610 at LHS.	10/12/2014	10/13/2014	10/14/2014	1	A
	IR-13-00015-NHT-536-A	Excavation, installation, isolation and final backfill for washout chamber at Sta.A 0+930.	10/13/2014	10/13/2014	10/14/2014	1	A
	IR-13-00015-NHT-537-A	Reinforcement steel and final formwork for step barriers From Sta.A 0+945.10 to Sta.A 0+952.5 at LHS,From Sta.A 0+959.9 to Sta.A 0+967.30 at LHS, from Sta.A 0+930 to Sta.A 0+937.40 at RHS and From Sta.A 0+944.80 to Sta.A 0+952.20 at RHS.	10/13/2014	10/13/2014	10/14/2014	1	A
	IR-13-00015-NHT-538-A	-(597.8) LM of 12 inch steel pipe with ¼ inch (6.35 mm) wall thickness ,4.5 mm min cement lining and external epoxy coated. - (49) Piece of 12 inch shrinkable sheet with (CPS).	10/13/2014	10/13/2014	10/13/2014	0	C
	IR-13-00015-NHT-539-A	Cast concrete for step barriers From Sta.A 0+945.10 to Sta.A 0+952.5 at LHS,From Sta.A 0+959.9 to Sta.A 0+967.30 at LHS, from Sta.A 0+930 to Sta.A 0+937.40 at RHS and From Sta.A 0+944.80 to Sta.A 0+952.20 at RHS.	10/13/2014	10/13/2014	10/14/2014	1	A
	IR-13-00015-NHT-540-A	Backfill of road from Sta.A 1+360 to Sta.A 1+420(40 cm below subgrade).	10/13/2014	10/13/2014	10/14/2014	1	A
	IR-13-00015-NHT-541-A	Pressure test for 2 inch distribution line from Sta.B 0+100 to Sta.B 0+200.	10/13/2014	10/13/2014	10/14/2014	1	A
	IR-13-00015-NHT-542-A	First base course layer for road from Sta.A 1+160 to Sta.A 1+300.	10/14/2014	10/14/2014	10/15/2014	1	A
	IR-13-00015-NHT-543-A	Excavation of foundation for boundary wall from Sta.E 0+200 to Sta.E 0+246 at RHS.	10/13/2014	10/18/2014	10/18/2014	0	A
	IR-13-00015-NHT-544-A	Start excavation of storm water from Sta.B 0+700 to Sta.B 0+980.	10/14/2014	10/14/2014	10/15/2014	1	C
	IR-13-00015-NHT-544-B	Start excavation of storm water from Sta.B 0+700 to Sta.B 0+980.	10/15/2014	10/15/2014	10/16/2014	1	A

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	IR-13-00015-NHT-545-A	Steel reinforcement and final formwork for step barriers from Sta.A 0+937.40 to Sta.A 0+944.80 and from Sta.A 0+952.20 to Sta.A 0+959.60 at RHS.	10/14/2014	10/14/2014	10/15/2014	1	C
	IR-13-00015-NHT-545-A	Steel reinforcement and final formwork for step barriers from Sta.A 0+937.40 to Sta.A 0+944.80 and from Sta.A 0+952.20 to Sta.A 0+959.60 at RHS.	10/21/2014	10/21/2014	10/21/2014	0	A
	IR-13-00015-NHT-546-A	Cast concrete for step barriers from Sta.A 0+937.40 to Sta.A 0+944.80 and from Sta.A 0+952.20 to Sta.A 0+959.60 at RHS.	10/14/2014	10/14/2014	10/15/2014	1	C
	IR-13-00015-NHT-546-B	Cast concrete for step barriers from Sta.A 0+937.40 to Sta.A 0+944.80 and from Sta.A 0+952.20 to Sta.A 0+959.60 at RHS.	10/21/2014	10/21/2014	10/21/2014	0	A
	IR-13-00015-NHT-547-A	Start excavation of 4 inch gate valve chamber At Sta.B 0+010 .	10/15/2014	10/15/2014	10/16/2014	1	A
	IR-13-00015-NHT-548-A	Reinforcement steel for concrete encasement from Sta.A 1+340 to Sta.A 1+374 at RHS.	10/15/2014	10/15/2014	10/16/2014	1	A
	IR-13-00015-NHT-549-A	Cast concrete for concrete encasement from Sta.A 1+340 to Sta.A 1+374 at RHS.	10/15/2014	10/15/2014	10/16/2014	1	A
	IR-13-00015-NHT-550-A	Reinforcement steel and internal face formwork for stem of retaining wall from Sta.E 0+057 to Sta.E 0+070.	10/15/2014	10/15/2014	10/16/2014	1	A
	IR-13-00015-NHT-551-A	Pressure test for 3 inch water pipeline and house connection from Sta.A 1+440 to Sta.A 1+840.	10/15/2014	10/14/2014	10/15/2014	1	A
	IR-13-00015-NHT-552-A	Reinforcement steel and final backfill for step barriers From Sta.A 0+959.60 to Sta.A 0+967 , from Sta.A 0+967 to Sta.A 0+974.40 at RHS and from Sta.A 0+467 to Sta.A 0+474 at LHS.	10/15/2014	10/15/2014	10/16/2014	1	A
	IR-13-00015-NHT-553-A	Cast concrete for step barriers From Sta.A 0+959.60 to Sta.A 0+967 , from Sta.A 0+967 to Sta.A 0+974.40 at RHS and from Sta.A 0+467 to Sta.A 0+474 at LHS.	10/15/2014	10/15/2014	10/16/2014	1	A
	IR-13-00015-NHT-554-A	Casting blinding concrete under foundation of boundary wall from Sta.E 0+501 to Sta.E 0+540 at LHS.	10/15/2014	10/21/2014	10/21/2014	0	C
	IR-13-00015-NHT-555-A	Casting blinding concrete under foundation of boundary wall from Sta.E 0+200 to Sta.E 0+246 at RHS.	10/15/2014	10/18/2014	10/19/2014	1	A

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	IR-13-00015-NHT-556-A	744.20 LM of 4 inch steel pipe with ¼ inch 6.35 mm wall thickness ,4.5 mm min cement lining and external epoxy coated. - 61 Piece of 4 inch shrinkable sheet with CPS. -707.6 LM of 8 inch steel pipe with ¼ inch 6.35 mm wall thickness ,4.5 mm min cement lining and external epoxy coated. - 58 Piece of 8 inch shrinkable sheet with CPS.	10/15/2014	10/16/2014	10/20/2014	4	C
	IR-13-00015-NHT-557-A	Fittings according MRR.	10/15/2014	10/16/2014	10/20/2014	4	C
	IR-13-00015-NHT-558-A	Installation of curbstone from Sta.B 0+334 to Sta.B 0+380 at RHS and from Sta.B 0+463 to Sta.B 0+780 at LHS.	10/15/2014	10/16/2014	10/16/2014	0	A
	IR-13-00015-NHT-559-A	Installation, isolation and final backfill Gate valve manhole at Sta.A 1+700.	10/16/2014	10/21/2014	10/21/2014	0	A
	IR-13-00015-NHT-560-A	Start excavation washout manhole at Sta.A 3+850.	10/21/2014	10/22/2014	10/22/2014	0	D
	IR-13-00015-NHT-561-A	Internal face of formwork and steel reinforcement for stem of boundary wall from Sta.B 0+530 to Sta.B 0+536.	10/21/2014	10/21/2014	10/21/2014	0	A
	IR-13-00015-NHT-562-A	First base course layer of road from Sta.B 0+000 to Sta.B 0+220.	10/16/2014	10/19/2014	10/20/2014	1	C
	IR-13-00015-NHT-563-A	Final formwork for stem of retaining wall from Sta.E 0+057 to Sta.E 0+070 at RHS.	10/16/2014	10/18/2014	10/19/2014	1	A
	IR-13-00015-NHT-564-A	Cast concrete for stem of retaining wall from Sta.E 0+057 to Sta.E 0+070 at RHS.	10/16/2014	10/20/2014	10/20/2014	0	A
	IR-13-00015-NHT-565-A	First layer of bitumen coating underground of retaining wall from Sta.E 0+121 to Sta.E 0+160 at RHS.	10/18/2014	10/18/2014	10/19/2014	1	A
	IR-13-00015-NHT-566-A	Second layer of bitumen coating underground of retaining wall from Sta.E 0+121 to Sta.E 0+160 at RHS.	10/18/2014	10/18/2014	10/19/2014	1	A
	IR-13-00015-NHT-567-A	Excavation, installation, isolation with bitumen and final backfill for gate valve precast manhole at Sta.B 0+010.	10/18/14	10/18/14	10/19/2014	1	A
	IR-13-00015-NHT-568-A	Final formwork for one side shutter of stone wall protection up to 60 cm from Sta.E 0+610 to Sta.E 0+600, From Sta.E 0+590 to Sta.E 0+580, From Sta.E 0+570 to Sta.E 0+560 and from Sta.E 0+550 to Sta.E 0+540 at LHS.	10/18/14	10/18/14	10/19/2014	1	A
	IR-13-00015-NHT-569-A	Cast concrete for one side shutter of stone wall protection up to 60 cm from Sta.E 0+610 to Sta.E 0+600, From Sta.E 0+590 to Sta.E 0+580, From Sta.E 0+570 to Sta.E 0+560 and from Sta.E 0+550 to Sta.E 0+540 at LHS.	10/18/14	10/18/14	10/19/2014	1	A
	IR-13-00015-NHT-570-A	Start excavation for subgrade from Sta.A 6+200 to Sta.A 6+700.	10/19/2014	10/19/2014	10/20/2014	1	A
	IR-13-00015-NHT-571-A	Second base course layer of road from Sta.A 0+500 to Sta.A 1+300.	10/19/2014	10/20/2014	10/20/2014	0	C

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	IR-13-00015-NHT-571-B	Second base course layer of road from Sta.A 0+500 to Sta.A 1+300.	10/22/2014	10/22/2014	10/22/2014	0	C
	IR-13-00015-NHT-571-C	Second base course layer of road from Sta.A 0+500 to Sta.A 1+300.	10/26/2014	10/27/2014	10/28/2014	1	A
	IR-13-00015-NHT-572-A	Steel reinforcement and Final formwork for one side shutter of stone wall protection up to 120 cm from Sta.E 0+610 to Sta.E 0+600, From Sta.E 0+590 to Sta.E 0+580, From Sta.E 0+570 to Sta.E 0+560 and from Sta.E 0+550 to Sta.E 0+540 at LHS	10/20/2014	10/20/2014	10/21/2014	1	A
	IR-13-00015-NHT-573-A	Cast concrete for one side shutter of stone wall protection up to 120 cm from Sta.E 0+610 to Sta.E 0+600, From Sta.E 0+590 to Sta.E 0+580, From Sta.E 0+570 to Sta.E 0+560 and from Sta.E 0+550 to Sta.E 0+540 at LHS	10/20/2014	10/20/2014	10/21/2014	1	A
	IR-13-00015-NHT-574-A	Steel reinforcement and final formwork for boundary wall's foundation From Sta.B 0+530 to Sta.B 0+536 at RHS.	10/20/2014	10/20/2014	10/21/2014	1	A
	IR-13-00015-NHT-575-A	Cast concrete for boundary wall's foundation From Sta.B 0+530 to Sta.B 0+536 at RHS.	10/20/2014	10/20/2014	10/21/2014	1	A
	IR-13-00015-NHT-576-A	Install of curbstone From Sta.B 0+520 to Sta.B 0+670 at RHS , and from Sta.B 0+330 to Sta.B 0+463 at LHS.	10/20/2014	10/21/2014	10/21/2014	0	A
	IR-13-00015-NHT-577-A	Steel reinforcement and Final formwork for one side shutter of stone wall protection up to 180 cm from Sta.E 0+610 to Sta.E 0+600, From Sta.E 0+590 to Sta.E 0+580, From Sta.E 0+570 to Sta.E 0+560 and from Sta.E 0+550 to Sta.E 0+540 at LHS	10/20/2014	10/21/2014	10/22/2014	1	A
	IR-13-00015-NHT-578-A	Cast concrete for one side shutter of stone wall protection up to 180 cm from Sta.E 0+610 to Sta.E 0+600, From Sta.E 0+590 to Sta.E 0+580, From Sta.E 0+570 to Sta.E 0+560 and from Sta.E 0+550 to Sta.E 0+540 at LHS	10/20/2014	10/21/2014	10/22/2014	1	A
	IR-13-00015-NHT-579-A	Reinforcement steel and final formwork for concrete support at segment D S63, S64, S65, S66, S67.	10/21/2014	10/21/2014	10/22/2014	1	A
	IR-13-00015-NHT-580-A	Second base course layer from Sta.B 0+000 to Sta.B 0+220.	10/22/2014	10/22/2014	10/22/2014	0	C
	IR-13-00015-NHT-581-A	Spreading prim coating (MC) From Sta.B 0+000 to Sta.B 0+300.	10/22/2014	10/22/2014	10/22/2014	0	C
	IR-13-00015-NHT-582-A	Spreading and compacting asphalt layer From Sta.B 0+000 to Sta.B 0+300.	10/22/2014	10/22/2014	10/22/2014	0	C
	IR-13-00015-NHT-583-A	Spreading prime coat (MC) From Sta.A 2+020 to Sta.A 2+260.	10/22/2014	10/22/2014	10/22/2014	0	C
	IR-13-00015-NHT-584-A	Spreading and compacting asphalt layer from Sta.A 2+020 to Sta.A 2+260.	10/22/2014	10/22/2014	10/22/2014	0	C
	IR-13-00015-NHT-585-A	Spreading prim coating (MC) from Sta.A 3+100 to Sta.A 3+240.	10/22/2014	10/22/2014	10/22/2014	0	C
	IR-13-00015-NHT-586-A	Spreading and compacting asphalt layer from Sta.A 3+100 to Sta.A 3+240.	10/22/2014	10/22/2014	10/22/2014	0	C
	IR-13-00015-NHT-587-A	Subgrade of road from Sta.A 1+760 to Sta.A 1+860.	10/22/2014	10/23/2014	10/23/2014	0	A

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	IR-13-00015-NHT-588-A	Reinforcement steel and final formwork for one side shutter of stone wall protection up to 240 cm From Sta.E 0+590 to Sta.E 0+580, From Sta.E 0+570 to Sta.E 0+560 and from Sta.E 0+550 to Sta.E 0+540 at LHS	10/22/2014	10/25/2014	10/26/2014	1	A
	IR-13-00015-NHT-589-A	Cast concrete for one side shutter of stone wall protection up to 240 cm From Sta.E 0+590 to Sta.E 0+580, From Sta.E 0+570 to Sta.E 0+560 and from Sta.E 0+550 to Sta.E 0+540 at LHS	10/22/2014	10/25/2014	10/26/2014	1	A
	IR-13-00015-NHT-590-A	First and second layer of bitumen protective coating for retaining wall from Sta.E 0+021 to Sta.E 0+083 at RHS.	10/22/2014	10/22/2014	10/22/2014	0	A
	IR-13-00015-NHT-591-A	Final formwork for boundary wall from Sta.B 0+530 to Sta.B 0+536 at RHS.	10/22/2014	10/22/2014	10/22/2014	0	A
	IR-13-00015-NHT-592-A	Steel reinforcement and final formwork for boundary wall's foundation from Sta.E 0+225 to Sta.E 0+246 at RHS.	10/22/2014	10/25/2014	10/26/2014	1	A
	IR-13-00015-NHT-593-A	Cast concrete for boundary wall's foundation from Sta.E 0+225 to Sta.E 0+246 at RHS.	10/22/2014	10/25/2014	10/26/2014	1	A
	IR-13-00015-NHT-594-A	Spreading prime coat (MC) From Sta.A 0+480 to Sta.A 0+720.	10/23/2014	10/23/2014	10/23/2014	0	A
	IR-13-00015-NHT-595-A	Spreading and compacting asphalt From Sta.A 0+480 to Sta.A 0+720.	10/23/2014	10/23/2014	10/23/2014	0	A
	IR-13-00015-NHT-596-A	First backfilling layer behind retaining wall from Sta.E 0+106 to Sta.E 0+180 at RHS.	10/23/2014	10/23/2014	10/23/2014	0	A
	IR-13-00015-NHT-597-A	Spreading prime coat (MC) From Sta.A 0+720 to Sta.A 1+100.	10/23/2014	10/25/2014	10/26/2014	1	A
	IR-13-00015-NHT-598-A	Spreading and compacting asphalt From Sta.A 0+720 to Sta.A 1+100.	10/23/2014	10/25/2014	10/26/2014	1	A
	IR-13-00015-NHT-599-A	Final formwork, steel reinforcement and concrete casting for boundary wall's foundation from Sta.B 0+594 to Sta.B 0+607 at LHS.	10/23/2014	10/25/2014	10/26/2014	1	A
	IR-13-00015-NHT-600-A	Final formwork, steel reinforcement and concrete casting for boundary wall's foundation from Sta.B 0+471 to Sta.B 0+494.75 at LHS.	10/23/2014	10/25/2014	10/26/2014	1	A
	IR-13-00015-NHT-601-A	Final formwork, steel reinforcement and concrete casting for boundary wall's foundation At Sta.B 0+554 with 8.15 cm length.	10/23/2014	10/25/2014	10/26/2014	1	A
	IR-13-00015-NHT-602-A	Second backfilling layer behind retaining wall from Sta.E 0+106 to Sta.E 0+180 at RHS.	10/23/2014	10/25/2014	10/26/2014	1	A
	IR-13-00015-NHT-603-A	Steel reinforcement ,final formwork and cast concrete for concrete support at segment D S47, S48 ….and S57.	10/26/2014	10/26/2014	10/27/2014	1	A
	IR-13-00015-NHT-604-A	Subgrade of road from Sta.A 0+106 to Sta.A 0+180.	10/26/2014	10/26/2014	10/27/2014	1	A
	IR-13-00015-NHT-605-A	Base course layer of road from Sta.A 1+460 to Sta.A 1+800.	10/26/2014	10/26/2014	10/27/2014	1	A
	IR-13-00015-NHT-606-A	Start excavation of water pipeline trench from Sta.A 7+000 to Sta.A 6+200.	10/26/2014	10/26/2014	10/27/2014	1	C

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	IR-13-00015-NHT-607-A	Steel reinforcement, final formwork and cast concrete for foundation of boundary wall from Sta.B 0+880 to Sta.B 0+913 and from Sta.B 0+918 to Sta.B 0+925 at RHS.	10/26/2014	10/26/2014	10/27/2014	1	A
	IR-13-00015-NHT-608-A	Final formwork for stone wall protectionup to 60 cm from Sta.E 0+600 to Sta.E 0+590, From Sta.E 0+580 to Sta.E 0+570 and from Sta.E 0+560 to Sta.E 0+550 at LHS.	10/26/2014	10/27/2014	10/27/2014	0	A
	IR-13-00015-NHT-609-A	Cast concrete for stone wallprotection Sta.E 0+600 to Sta.E 0+590, From Sta.E 0+580 to Sta.E 0+570 and from Sta.E 0+560 to Sta.E 0+550 at LHS.	10/26/2014	10/27/2014	10/28/2014	1	A
	IR-13-00015-NHT-610-A	Steel reinforcement, final formwork and cast concrete for boundary wall's foundation from Sta.E 0+200 to Sta.E 0+220 at RHS.	10/26/2014	10/27/2014	10/28/2014	1	A
	IR-13-00015-NHT-611-A	Steel reinforcement, final formwork and cast concrete for boundary wall's foundation. from Sta.E 0+520 to Sta.E 0+540 at LHS.	10/26/2014	10/27/2014	10/28/2014	1	A
	IR-13-00015-NHT-612-A	Steel reinforcement for side walk from Sta.B 0+366 to Sta.B 0+516 at RHS and from Sta.B 0+321 to Sta.B 0+450 at LHS.	10/26/2014	10/27/2014	10/28/2014	1	C
	IR-13-00015-NHT-613-A	Final formwork and Cast concrete for side walk from Sta.B 0+366 to Sta.B 0+516 at RHS and from Sta.B 0+321 to Sta.B 0+450 at LHS.	10/26/2014	10/27/2014	10/28/2014	1	C
	IR-13-00015-NHT-614-A	Final formwork for stone wall protection up to 1.2 m high from Sta.E 0+600 to Sta.E 0+590, From Sta.E 0+580 to Sta.E 0+570 and from Sta.E 0+560 to Sta.E 0+550 at LHS.	10/27/2014	10/27/2014	10/28/2014	1	A
	IR-13-00015-NHT-615-A	Cast concrete for stone wall protection up to 1.2 m high from Sta.E 0+600 to Sta.E 0+590, From Sta.E 0+580 to Sta.E 0+570 and from Sta.E 0+560 to Sta.E 0+550 at LHS.	10/27/2014	10/27/2014	10/28/2014	1	A
	IR-13-00015-NHT-616-A	Spreading prime coat (MC) from Sta.A 1+100 to Sta.A 1+300.	10/27/2014	10/27/2014	10/28/2014	1	A
	IR-13-00015-NHT-617-A	Spreading and compcting asphalt layer from Sta.A 1+100 to Sta.A 1+300.	10/27/2014	10/27/2014	10/28/2014	1	C
	IR-13-00015-NHT-618-A	Spreading prime coat (MC) from Sta.A 2+020 to Sta.A 2+280.	10/27/2014	10/27/2014	10/28/2014	1	C
	IR-13-00015-NHT-619-A	Spreading and compacting asphalt layer from Sta.A 2+020 to Sta.A 2+280.	10/27/2014	10/27/2014	10/28/2014	1	C
	IR-13-00015-NHT-620-A	Final formwork and cast concrete for stem of boundary wall from Sta.B 0+594 to Sta.B 0+607 at LHS.	10/27/2014	10/28/2014	10/28/2014	0	A
	IR-13-00015-NHT-621-A	Final formwork and cast concrete for stem of boundary wall from Sta.B 0+471 to Sta.B 0+494.75 at LHS.	10/27/2014	10/28/2014	10/28/2014	0	A
	IR-13-00015-NHT-622-A	Steel reinforcement, final formwork and cast concrete for foundation of combination washout and butterfly valve manhole at Sta.A 3+850.	10/27/2014	10/27/2014	10/28/2014	1	C

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	IR-13-00015-NHT-623-A	Final formwork for stone wall protection.up to 1.8 m high from Sta.E 0+600 to Sta.E 0+590, From Sta.E 0+580 to Sta.E 0+570 and from Sta.E 0+560 to Sta.E 0+550 at LHS.	10/28/2014	10/28/2014	10/29/2014	1	A
	IR-13-00015-NHT-624-A	Cast concrete for stone wall protection.up to 1.8 m high from Sta.E 0+600 to Sta.E 0+590, From Sta.E 0+580 to Sta.E 0+570 and from Sta.E 0+560 to Sta.E 0+550 at LHS.	10/28/2014	10/28/2014	10/29/2014	1	A
	IR-13-00015-NHT-625-A	Spreading prime coat (MC) From Sta.A 1+460 to Sta.A 1+800.	10/28/2014	10/28/2014	10/28/2014	0	C
	IR-13-00015-NHT-626-A	Spreading and compacting asphalt layer From Sta.A 1+460 to Sta.A 1+800.	10/28/2014	10/28/2014	10/28/2014	0	C
	IR-13-00015-NHT-627-A	Steel reinforcement, and final formwork and cast concrete for wall of combination (butterfly and washout) manholes at Sta.A 3+850.	10/28/2014	10/29/2014	10/29/2014	0	C
	IR-13-00015-NHT-628-A	Final formwork for stone wall protection-segment E up to 2.4 m high from Sta.E 0+600 to Sta.E 0+590 and From Sta.E 0+580 to Sta.E 0+570 at LHS.	10/29/2014	10/29/2014	10/30/2014	1	A
	IR-13-00015-NHT-629-A	Cast concrete for stone wall protection-segment E up to 2.4 m high from Sta.E 0+600 to Sta.E 0+590 and From Sta.E 0+580 to Sta.E 0+570 at LHS.	10/29/2014	10/29/2014	10/30/2014	1	A
	IR-13-00015-NHT-630-A	Steel reinforcement and final formwork for stem of boundary wall from Sta.E 0+247 to Sta.E 0+234 and from Sta.E 0+222 to Sta.E 0+210.	10/29/2014	10/29/2014	10/30/2014	1	A
	IR-13-00015-NHT-631-A	Cast concrete for stem of boundary wall from Sta.E 0+247 to Sta.E 0+234 and from Sta.E 0+222 to Sta.E 0+210.	10/29/2014	10/29/2014	10/30/2014	1	A
	IR-13-00015-NHT-632-A	Cast blinding under foundation of boundary wall from Sta.A 1+330 to Sta.A 1+360 at RHS.	10/29/2014	10/29/2014	10/30/2014	1	A
	IR-13-00015-NHT-633-A	Cast Blinding concrete under foundation of boundary wall from Sta.E 0+637 to Sta.E 0+647 at LHS.	10/29/2014	10/29/2014	10/30/2014	1	A
	IR-13-00015-NHT-634-A	Steel reinforcement for stem of boundary wall-segment B from Sta.B 0+880 to Sta.B 0+913 and from Sta.B 0+918 to Sta.B 0+980 at RHS.	10/29/2014	10/29/2014	10/30/2014	1	A
	IR-13-00015-NHT-635-A	Cast blinding concrete under foundation of retaining wall from Sta.A 6+505 to Sta.A 6+560 at LHS.	10/29/2014	10/29/2014	10/30/2014	1	A
	IR-13-00015-NHT-636-A	Final formwork for stem of boundary wall from Sta.B 0+880 to Sta.B 0+913 and from Sta.B 0+918 to Sta.B 0+980 at RHS.	10/29/2014	10/29/2014	10/30/2014	1	A
	IR-13-00015-NHT-637-A	Cast concrete for stem of boundary wall from Sta.B 0+880 to Sta.B 0+930	10/29/2014	11/1/2014		PE	
	IR-13-00015-NHT-638-A	Installation of guardrail for road From Sta.A 3+100 to Sta.A 3+250 at LHS.	10/29/2014	10/30/2014	10/30/2014	0	A

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	IR-13-00015-NHT-639-A	Steel reinforcement, final formwork and cast concrete for concrete support from S37 to S47 at segment D.	10/30/2014	10/30/2014	10/30/2014	0	A
	IR-13-00015-NHT-640-A	Steel reinforcement and final formwork for roof slab of combination (butterfly and washout) manhole at Sta.A 3+850 at RHS.	10/30/2014	10/30/2014	10/30/2014	0	C
	IR-13-00015-NHT-641-A	Cast concrete for roof slab of combination (butterfly and washout) manhole at Sta.A 3+850 at RHS.	10/30/2014	10/30/2014	10/30/2014	0	C
	IR-13-00015-NHT-642-A	Steel reinforcement and final formwork for stem of retaining wall from Sta.E 0+234 to Sta.E 0+220 and from Sta.E 0+210 to Sta.E 0+200.	10/30/2014	11/3/2014		PE	
	IR-13-00015-NHT-643-A	Cast concrete for stem of retaining wall from Sta.E 0+234 to Sta.E 0+220 and from Sta.E 0+210 to Sta.E 0+200.	10/30/2014	11/3/2014		PE	
	IR-13-00015-NHT-644-A	Steel reinforcement and final formwork for foundation of boundary wall from Sta.E 0+637 to Sta.E 0+670 at LHS.	10/30/2014	11/2/2014		PE	
	IR-13-00015-NHT-645-A	Cast concrete for foundation of boundary wall from Sta.E 0+637 to Sta.E 0+670 at LHS.	10/30/2014	11/2/2014		PE	
	IR-13-00015-NHT-646-A	Steel reinforcement for stem of boundary wall from Sta.E 0+520 to Sta.E 0+540 at LHS.	10/30/2014	11/2/2014		PE	
	IR-13-00015-NHT-647-A	Final formwork for stem of boundary wall from Sta.E 0+520 to Sta.E 0+540 at LHS.	10/30/2014	11/2/2014		PE	
	IR-13-00015-NHT-648-A	Cast concrete for stem of boundary wall from Sta.E 0+520 to Sta.E 0+540 at LHS.	10/30/2014	11/2/2014		PE	
	IR-13-00015-NHT-649-A	Steel reinforcement and final formwork for foundation of boundary wall from Sta.E 0+501 to Sta.E 0+520 at LHS.	10/30/2014	11/3/2014		PE	
	IR-13-00015-NHT-650-A	Cast concrete for foundation of boundary wall from Sta.E 0+501 to Sta.E 0+520 at LHS.	10/30/2014	11/3/2014		PE	

DV = Division A= No Exceptions Noted B = Make Corrections Noted C = Amend-Resubmit D= Rejected-Resubmit E= Review Not Required

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	SUB-13-00015-NHT-001-A	Schedule for Pre Construction Submittals & Mobilization	NHT	P	11/10/13	12/10/13	11/20/13	10	E
	SUB-13-00015-NHT-002-A	Bank Guarantee	NHT	P	11/10/13	12/10/13	11/19/13	9	E
	SUB-13-00015-NHT-003-A	CMC field office location and layout-Primary Office Husan	NHT	P	11/13/13	12/13/13	11/21/13	8	C
	SUB-13-00015-NHT-003-B	CMC field office location and layout-Primary Office Husan	NHT	P	11/27/13	12/27/13	12/01/13	4	B
	SUB-13-00015-NHT-004-A	Field Office Furniture and Equipment Plan	NHT	P	11/13/13	12/13/13	11/24/13	11	B
	SUB-13-00015-NHT-005-A	Scheduling Qualification Submittal	NHT	P	11/17/13	12/17/13	11/20/13	3	A
	SUB-13-00015-NHT-006-A	60-Day Plan of Operation	NHT	P	11/17/13	12/17/13	12/01/13	14	B
	SUB-13-00015-NHT-007-A	Project Overview Bar Chart and Master Plan	NHT	P	11/17/13	12/17/13	12/01/13	14	B
	SUB-13-00015-NHT-008-A	Submittal Schedule	NHT	P	11/17/13	12/17/13	12/02/13	15	C
	SUB-13-00015-NHT-008-B	Submittal Schedule	NHT	P	12/29/13	01/28/14	01/07/14	9	B
	SUB-13-00015-NHT-009-A	Safety Plan	NHT	P	11/19/13	12/19/13	12/01/13	12	C
	SUB-13-00015-NHT-009-B	Safety Plan	NHT	P	12/27/13	01/26/14	01/09/14	13	B
	SUB-13-00015-NHT-010-A	Testing Labs	NHT	P	11/20/13	12/20/13	11/24/13	4	B
	SUB-13-00015-NHT-011-A	Contractors all Risk, General Liability Insurance & Workers Compensation Insurance	NHT	P	11/24/13	12/24/13	11/25/13	1	E
	SUB-13-00015-NHT-012-A	Coordination with Local Authorities Plan and Lists of Permits and Licenses	NHT	P	11/26/13	12/26/13	12/01/13	5	C
	SUB-13-00015-NHT-012-B	Coordination with Local Authorities Plan and Lists of Permits and Licenses	NHT	P	12/02/13	01/01/14	12/03/13	1	B
	SUB-13-00015-NHT-013-A	Prime Coat Emulsion -Pazkar Ltd.-item No. 3.01	NHT	M	11/28/13	12/28/13	12/09/13	11	B
	SUB-13-00015-NHT-014-A	Tack Coat Emulsion -Pazkar Ltd.-item No. 3.02	NHT	M	11/28/13	12/28/13	12/09/13	11	B
	SUB-13-00015-NHT-015-A	Asphalt Mix Design -Wearing Asphalt 3/4 inch-Al Tarifi Asphalt Plant -item No.3.03	NHT	M	11/28/13	12/28/13	12/09/13	11	B
	SUB-13-00015-NHT-016-A	Asphalt Mix Design -Binder Asphalt 1 inch-Al Tarifi Asphalt Plant -item No.3.05	NHT	M	11/28/13	12/28/13	12/09/13	11	C
	SUB-13-00015-NHT-016-B	Asphalt Mix Design -Binder Asphalt 1 inch-Al Tarifi Asphalt Plant -item No.3.05	NHT	M	02/02/14	03/04/14	02/04/14	2	B
	SUB-13-00015-NHT-017-A	Cat Eyes-Iriflix Ltd.-item No.5.03.b & c	NHT	M	11/28/13	12/28/13	12/09/13	11	B
	SUB-13-00015-NHT-018-A	High Performance Thermoplastic Road Markings- Prismo Road Markings Ltd. T/A Ennis-item No. 5.03-a	NHT	M	11/28/13	12/28/13	12/09/13	11	B
	SUB-13-00015-NHT-019-A	Steel Pipe & Fittings-300 mm,250 mm, 200 mm, 150mm ,100 mm and 50 mm pipes-AVROT Industries Ltd.-item No. 2.1	NHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00015-NHT-019-B	Steel Pipe & Fittings-300 mm,250 mm, 200 mm, 150mm ,100 mm and 50 mm pipes-AVROT Industries Ltd.-item No. 2.1	NHT	M	01/21/14	02/20/14	01/22/14	1	E
	SUB-13-00015-NHT-020-A	Steel Pipe & Fittings-300 mm,250 mm, 200 mm, 150mm ,100 mm and 50 mm pipes-Borursan Mannesmann Co.-item No. 2.1	NHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00015-NHT-020-B	Steel Pipe & Fittings-300 mm,250 mm, 200 mm, 150mm ,100 mm and 50 mm pipes-Borursan Mannesmann Co.-item No. 2.1	NHT	M	01/20/14	02/19/14	01/22/14	2	E
	SUB-13-00015-NHT-021-A	Steel Pipe & Fittings-300 mm,250 mm, 200 mm, 150mm ,100 mm ,75 mm and 50 mm pipes-Middle East Tube Company Ltd.-item No. 2.1	NHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00015-NHT-021-B	Steel Pipe & Fittings-300 mm,250 mm, 200 mm, 150mm and 100 mm pipes-Middle East Tube Company Ltd.-item No. 2.1	NHT	M	12/25/13	01/24/14	01/05/14	11	B
	SUB-13-00015-NHT-022-A	Steel Pipe & Fittings-300 mm,250 mm, 200 mm, 150mm ,100 mm ,75 mm and 50 mm pipes-Future Iron Pipes (FIP)-item No. 2.1	NHT	M	11/28/13	12/28/13	12/03/13	5	C

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	SUB-13-00015-NHT-022-B	Steel Pipe & Fittings-300 mm,250 mm, 200 mm, 150mm ,100 mm ,75 mm and 50 mm pipes-Future Iron Pipes (FIP)-item No. 2.1	NHT	M	02/03/14	03/05/14	02/04/14	1	E
	SUB-13-00015-NHT-023-A	Contractors all Risk, General Liability Insurance Amendment (For Submittal No.:SUB-13-00015-NHT-011-A)	NHT	P	12/02/13	01/01/14	12/05/13	3	E
	SUB-13-00015-NHT-024-A	Field Offices Furniture and Equipment Plan Amendment (For Submittal No.: SUB-13-00015-NHT-004-A)	NHT	P	12/02/13	01/01/14	12/03/13	1	A
	SUB-13-00015-NHT-025-A	Construction Time Schedule and S-curve	NHT	P	12/03/13	01/02/14	12/31/13	28	C
	SUB-13-00015-NHT-025-B	Original CPM Construction Schedule	NHT	P	01/21/14	02/20/14	02/03/14	13	C
	SUB-13-00015-NHT-025-C	Original CPM Construction Schedule	NHT	P	03/05/14	04/04/14	03/24/14	19	A
	SUB-13-00015-NHT-026-A	Temporary and Permanent Signs Submittal	NHT	P	12/03/13	01/02/14	12/09/13	6	B
	SUB-13-00015-NHT-027-A	Concrete Mix Design-Al Abed Mixing Plant-Item 4.07.a,b,c	NHT	M	12/08/13	01/07/14	12/22/13	14	B
	SUB-13-00015-NHT-028-A	Source Comprehensive test for base course material-Al Taweel crusher- item 2.02.a,b,c	NHT	M	12/08/13	01/07/14	12/22/13	14	B
	SUB-13-00015-NHT-029-A	Subcontracting Plan	NHT	P	12/22/13	01/21/14	12/30/13	8	E
	SUB-13-00015-NHT-030-A	Dilapidation Survey	NHT	P	12/22/13	01/21/14	01/07/14	16	B
	SUB-13-00015-NHT-031-A	Risk Management Program	NHT	P	12/22/13	01/21/14	01/05/14	14	B
	SUB-13-00015-NHT-032-A	Branding Plan	NHT	P	12/25/13	01/24/14	01/07/14	13	E
	SUB-13-00015-NHT-033-A	Quality Control Program (QCP)	NHT	P	12/25/13	01/24/14	01/14/14	20	B
	SUB-13-00015-NHT-034-A	Gate Valve - Raphael Valves Industries- BOQ items 5.1.1, 5.1.2, 5.3.1, 5.3.2, 5.3.3, 5.3.4, 5.5.1, 5.5.2, 5.5.3, 5.6.2, 5.6.3, 5.6.4, 5.7.1, 5.7.2, 5.7.3, 5.7.4, 5.9.1, 5.9.2, 5.9.3, 5.9.4, 5.10.1, 5.10.2, 5.11.1	NHT	M	12/25/13	01/24/14	01/06/14	12	C
	SUB-13-00015-NHT-034-B	Gate Valves- Raphael Valves Industries- TMS-BOQ items 5.1.1, 5.1.2, 5.3.1, 5.3.2, 5.3.3, 5.3.4, 5.5.1, 5.5.2, 5.5.3, 5.6.2, 5.6.3, 5.6.4, 5.7.1, 5.7.2, 5.7.3, 5.7.4, 5.9.1, 5.9.2, 5.9.3, 5.10.1	NHT	M	01/20/14	02/19/14	01/26/14	6	B
	SUB-13-00015-NHT-035-A	Butterfly Valve - Vanessa Company- BOQ items 5.2.1, 5.2.2, 5.2.3, 5.4.1, 5.4.2	NHT	M	12/25/13	01/24/14	12/31/13	6	C
	SUB-13-00015-NHT-035-B	Butterfly Valve - Vanessa Company-PN 25 & 40- BOQ items 5.2.1, 5.2.2, 5.2.3, 5.4.1, 5.4.2	NHT	M	01/21/14	02/20/14	01/26/14	5	B
	SUB-13-00015-NHT-036-A	Key Personnel Plan	NHT	P	12/25/13	01/24/14	12/30/13	5	E
	SUB-13-00015-NHT-037-A	Curbstone Marking Paint - Tambour - BOQ item No. 4.12	NHT	M	12/25/13	01/24/14	01/06/14	12	B
	SUB-13-00015-NHT-038-A	Dismantling Joint -UNIJOINT-PM16-25-40	NHT	M	12/29/13	01/28/14	01/05/14	7	B
	SUB-13-00015-NHT-039-A	Combination Air Valves- Non slam PN 25 & 40. BOQ 5.3.1,5.3.2, 5.3.3,&5.3.4	NHT	M	12/29/13	01/28/14	01/06/14	8	C
	SUB-13-00015-NHT-039-B	Combination Air Valves- Non slam PN 25 & 40. BOQ 5.3.1,5.3.2, 5.3.3,&5.3.4	NHT	M	01/20/14	02/19/14	01/23/14	3	B
	SUB-13-00015-NHT-040-A	Combination Air Release Valves PN 16&25. BOQ 5.7.2, 5.7.3, & 5.7.4	NHT	M	12/29/13	01/28/14	01/06/14	8	C
	SUB-13-00015-NHT-040-B	Combination Air Release Valves PN 16&25. BOQ 5.7.2, 5.7.3, & 5.7.4	NHT	M	01/20/14	02/19/14	01/23/14	3	B
	SUB-13-00015-NHT-041-A	Combination Air Release Valves D-015_ PN 40. BOQ 5.7.1	NHT	M	12/29/13	01/28/14	01/06/14	8	B
	SUB-13-00015-NHT-042-A	Environmental Mitigation Plan	NHT	P	12/29/13	01/28/14	01/07/14	9	B
	SUB-13-00015-NHT-043-A	Security System	NHT	P	12/29/13	01/28/14	01/05/14	7	C
	SUB-13-00015-NHT-043-B	Security System	NHT	P	01/21/14	02/20/14	01/21/14	0	B
	SUB-13-00015-NHT-044-A	Method Statement	NHT	P	12/29/13	01/28/14	01/06/14	8	C

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	SUB-13-00015-NHT-044-B	Method Statement	NHT	P	01/20/14	02/19/14	01/23/14	3	B
	SUB-13-00015-NHT-045-A	Guardrail ESP4-N2-PRINS DOKKUM-SHT-item 5.05.a	NHT	M	12/30/13	01/29/14	01/06/14	7	A
	SUB-13-00015-NHT-046-A	Storm Drainage RC pipes -PCP Co-item 4.02	NHT	M	12/30/13	01/29/14	01/07/14	8	C
	SUB-13-00015-NHT-046-B	Storm Drainage RC pipes -PCP Co-item 4.02	NHT	M	01/14/14	02/13/14	01/15/14	1	B
	SUB-13-00015-NHT-047-A	Tyco Ball Valves 50 mm	NHT	M	12/30/13	01/29/14	01/09/14	10	B
	SUB-13-00015-NHT-048-A	Tyco Ball Valves 150 mm	NHT	M	12/30/13	01/29/14	01/09/14	10	C
	SUB-13-00015-NHT-048-B	Tyco Ball Valves 150 mm-item No. 5.2.1,5.2.2,5..2.3	NHT	M	01/14/14	02/13/14	01/15/14	1	B
	SUB-13-00015-NHT-049-A	Pre Cast Concrete Curbstone-Wolfman Co-item 4.12	NHT	M	12/30/13	01/29/14	01/06/14	7	A
	SUB-13-00015-NHT-050-A	Survey Plan- Segments A, B, C, D and E	NHT	P	01/05/14	02/04/14	01/08/14	3	C
	SUB-13-00015-NHT-050-B	Survey Plan- Segments A, B, C, D and E	NHT	P	01/20/14	02/19/14	01/21/14	1	B
	SUB-13-00015-NHT-051-A	Nahaleen Flanges_ ANSI ASME B 16.5 and DIN_ISO Flanges	NHT	M	01/05/14	02/04/14	01/09/14	4	C
	SUB-13-00015-NHT-051-B	Pipe Flanges- ISO/DIN Flanges	NHT	M	02/02/14	03/04/14	02/04/14	2	B
	SUB-13-00015-NHT-052-A	FIP Nahaleen_ Fittings &heat shrinkable sheet	NHT	M	01/05/14	02/04/14	01/13/14	8	C
	SUB-13-00015-NHT-052-B	FIP Nahaleen_ Fittings &heat shrinkable sheet	NHT	M	02/03/14	03/05/14	02/04/14	1	E
	SUB-13-00015-NHT-053-A	Traffic signs material_ Netivey Hamifratz/Top Safety _item 5.01	NHT	M	01/05/14	02/04/14	01/06/14	1	B
	SUB-13-00015-NHT-054-A	Proposed Storage Area and Dumping Site	NHT	P	01/09/14	02/08/14	01/12/14	3	C
	SUB-13-00015-NHT-054-B	Proposed Storage Area and Dumping Site	NHT	P	01/20/14	02/19/14	01/21/14	1	B
	SUB-13-00015-NHT-055-A	Avrot Pipe Fittings_up to 12 inch	NHT	M	01/21/14	02/20/14	01/23/14	2	C
	SUB-13-00015-NHT-055-B	Avrot Pipe Fittings_up to 12 inch	NHT	M	02/05/14	03/07/14	02/10/14	5	B
	SUB-13-00015-NHT-056-A	Gate Valve 50 mm PN 16- TRL- Raphael Valves Industry-item No. 5.9.4,5.10.2,5.11.1	NHT	M	01/20/14	02/19/14	01/26/14	6	B
	SUB-13-00015-NHT-057-A	Shop Drawings: Plan & Profile and Cross Section from Sta.0+000 to Sta.1+400 -Segment A	NHT	S	01/20/14	02/19/14	02/06/14	17	C
	SUB-13-00015-NHT-057-B	Shop Drawings: Plan & Profile and Cross Section from Sta.0+000 to Sta.1+400 -Segment A	NHT	S	02/10/14	03/12/14	02/22/14	12	B
	SUB-13-00015-NHT-058-A	Specific Safety Plan	NHT	P	01/21/14	02/20/14	01/29/14	8	C
	SUB-13-00015-NHT-058-B	Specific Safety Plan	NHT	P	02/05/14	03/07/14	02/06/14	1	B
	SUB-13-00015-NHT-059-A	Proposed Welders for welders qualification test - CVs	NHT	P	01/21/14	02/20/14	01/26/14	5	B
	SUB-13-00015-NHT-060-A	Welding Procedure for 3”-12”	NHT	P	01/23/14	02/22/14	01/26/14	3	C
	SUB-13-00015-NHT-060-B	Welding Procedure for 3”-12”	NHT	P	03/13/14	04/12/14	03/20/14	7	B
	SUB-13-00015-NHT-061-A	Shop Drawings: Road Works :Retaining Wall from Sta.0+129 to Sta.0+200 RHS-Segment A	NHT	S	01/23/14	02/22/14	02/06/14	14	B
	SUB-13-00015-NHT-062-A	Traffic Control Plan	NHT	P	01/23/14	02/22/14	02/10/14	18	B
	SUB-13-00015-NHT-063-A	Third party testing lab -Arc-Eyes	NHT	P	01/27/14	02/26/14	01/30/14	3	B
	SUB-13-00015-NHT-064-A	Strainer-Bermad_PN 40-item No. 5.6.4	NHT	M	01/27/14	02/26/14	01/29/14	2	B
	SUB-13-00015-NHT-065-A	Strainer-Bermad_PN 16&25- item No. 5.6.2,3 and 5.7.2,3,4	NHT	M	01/27/14	02/26/14	01/29/14	2	B
	SUB-13-00015-NHT-066-A	Public Relation Plan	NHT	P	01/27/14	02/26/14	02/03/14	7	E

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	SUB-13-00015-NHT-067-A	Concrete Job Mix Design -Al Etihad concrete ready mix plant -BOQ item No. 4.07	NHT	M	01/29/14	02/28/14	02/03/14	5	B
	SUB-13-00015-NHT-068-A	Shop Drawings: Formwork System for Retaining Work	NHT	S	01/29/14	02/28/14	02/04/14	6	B
	SUB-13-00015-NHT-069-A	Identification Tape for Water pipeline	NHT	M	01/29/14	02/28/14	02/04/14	6	B
	SUB-13-00015-NHT-070-A	Flanged Coupling Adaptor- UniJoint-item No. 5.2.1,2,3	NHT	M	02/02/14	03/04/14	02/04/14	2	D
	SUB-13-00015-NHT-070-B	Flanged Coupling Adaptor- UniJoint-item No. 5.2.1,2,3	NHT	M	03/26/14	04/25/14	03/26/14	0	E
	SUB-13-00015-NHT-071-A	Pressure Relief Valve- Bermad- 73Q&83Q - item No. 5.6.2 ,5.6.3 and 5.6.4	NHT	M	02/02/14	03/04/14	02/04/14	2	B
	SUB-13-00015-NHT-072-A	Shop Drawings: Plan & Profile and Typical Section from Sta.0+000 to Sta.0+515 - Segment D	NHT	S	02/02/14	03/04/14	02/06/14	4	C
	SUB-13-00015-NHT-072-B	Shop Drawings: Plan & Profile and Typical Section from Sta.0+000 to Sta.0+510 - Segment D	NHT	S	04/15/14	05/15/14	04/30/14	15	B
	SUB-13-00015-NHT-073-A	Second option for storm water and culvert concrete pipe -Al-khateeb factory-item No. 4.02	NHT	M	02/03/14	03/05/14	02/04/14	1	D
	SUB-13-00015-NHT-073-B	Second option for storm water and culvert concrete pipe -Al-khateeb factory-item No. 4.02	NHT	M	03/30/14	04/29/14	03/30/14	0	E
	SUB-13-00015-NHT-074-A	Elecometer 266 Holiday detector	NHT	M	02/03/14	03/05/14	02/04/14	1	E
	SUB-13-00015-NHT-075-A	Field Offices Furniture and Equipment Plan Amendment No. 02 (For Submittal No.: SUB-13-00015-NHT-004-A)	NHT	P	02/06/14	03/08/14	02/06/14	0	B
	SUB-13-00015-NHT-076-A	Reinforcement Steel Manufactures Data Sheets (Israeli & Turkey products)	NHT	M	02/09/14	03/11/14	02/11/14	2	B
	SUB-13-00015-NHT-077-A	Flow Control Valves PN 16&25- Bermad- item No. 5.7.2,3,4	NHT	M	02/09/14	03/11/14	02/17/14	8	B
	SUB-13-00015-NHT-078-A	Mill Certificate and testing reports for 8 inch steel pipe	NHT	M	02/09/14	03/11/14	02/13/14	4	A
	SUB-13-00015-NHT-079-A	Pipes Marking - 8" Steel pipes	NHT	M	02/09/14	03/11/14	02/16/14	7	B
	SUB-13-00015-NHT-080-A	Flow Control Valves PN 40- Bermad- Specification Ref: 15217: 2.1&2.2 and 15200, BOQ item No. 5.7.1	NHT	M	02/09/14	03/11/14	02/20/14	11	B
	SUB-13-00015-NHT-081-A	Pressure Reducing Valves- Bermad-PN 25- Specification Ref: 15217: 2.1&2.2 and 15200, BOQ items No. 5.6.2, 5.6.3 and 5.7.4	NHT	M	02/09/14	03/11/14	02/13/14	4	B
	SUB-13-00015-NHT-082-A	Pressure Reducing Valves PN 40- Bermad- Specification Ref: 15217: 2.1&2.2 and 15200, BOQ item No. 5.6.4	NHT	M	02/09/14	03/11/14	02/17/14	8	C
	SUB-13-00015-NHT-082-B	Pressure Reducing Valves PN 40- Bermad- Specification Ref: 15217: 2.1&2.2 and 15200, BOQ item No. 5.6.5	NHT	M	03/13/14	04/12/14	03/24/14	11	B
	SUB-13-00015-NHT-083-A	Concrete mix design of B35 - Al-Abed concrete ready mix plant -Item 4.07.a,b,c	NHT	M	02/11/14	03/13/14	02/16/14	5	B
	SUB-13-00015-NHT-084-A	Lab testing report for bedding materials (Somsom) for Al-Taweel crusher	NHT	M	02/11/14	03/13/14	02/16/14	5	B
	SUB-13-00015-NHT-085-A	Concrete Repairing Materials	NHT	M	02/12/14	03/14/14	02/18/14	6	B
	SUB-13-00015-NHT-086-A	Lab test report for Single size material for Al-Taweel crusher	NHT	M	02/12/14	03/14/14	02/16/14	4	B
	SUB-13-00015-NHT-087-A	Repairing and application of interior steel pipes cement lining	NHT	M	02/12/14	03/14/14	02/18/14	6	C
	SUB-13-00015-NHT-087-B	Repairing and application of interior steel pipes cement lining	NHT	M	02/20/14	03/22/14	02/24/14	4	B
	SUB-13-00015-NHT-088-A	Mill Certificate for 10 inch steel pipe	NHT	M	02/13/14	03/15/14	02/17/14	4	A
	SUB-13-00015-NHT-089-A	Method Statement of Asphalt Residues Recycle	NHT	P	02/13/14	03/15/14	02/16/14	3	A
	SUB-13-00015-NHT-090-A	Catch basin data sheet for PCP co.- BOQ item 4.06.a	NHT	M	02/16/14	03/18/14	02/25/14	9	B

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	SUB-13-00015-NHT-091-A	Bitumen protective coating for underground concrete (Fosroc)	NHT	M	02/16/14	03/18/14	02/18/14	2	B
	SUB-13-00015-NHT-092-A	Form release agent	NHT	M	02/16/14	03/18/14	02/18/14	2	B
	SUB-13-00015-NHT-093-A	Shop Drawings: Retaining Wall from Sta.0+477 to Sta.0+615 LHS	NHT	S	02/16/14	03/18/14	02/27/14	11	C
	SUB-13-00015-NHT-093-B	Shop Drawings: Retaining Wall from Sta.0+477 to Sta.0+615 LHS	NHT	S	03/09/14	04/08/14	03/12/14	3	B
	SUB-13-00015-NHT-094-A	Alternative Traffic Control Plan for Segment A from Sta. 0+080 to Sta. 1+400	NHT	P	02/16/14	03/18/14	02/22/14	6	B
	SUB-13-00015-NHT-095-A	Traffic Control Plan- Phase II- Water transmission pipeline and road widening	NHT	P	02/17/14	03/19/14	02/22/14	5	B
	SUB-13-00015-NHT-096-A	Heat Shrinkable sleeve Tape for steel pipes-BOQ item No. 2.1.1, 2.1.2,2.1.3,2.1.4 and 2.1.5	NHT	M	02/18/14	03/20/14	02/22/14	4	B
	SUB-13-00015-NHT-097-A	Manhole cover and frame (750mm clear opening)	NHT	M	02/18/14	03/20/14	02/24/14	6	B
	SUB-13-00015-NHT-098-A	Galvanized Malleable Iron Fittings up to 2”- Modgal	NHT	M	02/18/14	03/20/14	02/20/14	2	B
	SUB-13-00015-NHT-099-A	Branding Plan -Approved Flyers (Arabic & English)	NHT	P	02/19/14	03/21/14	02/20/14	1	E
	SUB-13-00015-NHT-100-A	3 inch Procedure Qualification Record (PQR)	NHT	P	02/20/14	03/22/14	02/24/14	4	B
	SUB-13-00015-NHT-101-A	Flange Gaskets_Klinger	NHT	M	02/20/14	03/22/14	02/24/14	4	C
	SUB-13-00015-NHT-101-B	Flange Gaskets_Klinger	NHT	M	03/09/14	04/08/14	03/09/14	0	C
	SUB-13-00015-NHT-101-C	Flange Gasket for PN 16 and PN 25 flanges for Sizes up to 12"	NHT	M	03/16/14	04/15/14	03/20/14	4	B
	SUB-13-00015-NHT-102-A	Water precast concrete manhole	NHT	M	02/20/14	03/22/14	02/27/14	7	C
	SUB-13-00015-NHT-102-B	Water precast concrete manhole	NHT	M	04/30/14	05/30/14	05/04/14	4	E
	SUB-13-00015-NHT-103-A	Second Option Bitumen protective coating for underground concrete (Fosroc)	NHT	M	02/20/14	03/22/14	02/22/14	2	B
	SUB-13-00015-NHT-104-A	Manhole cover and frame	NHT	M	02/22/14	03/24/14	03/05/14	11	C
	SUB-13-00015-NHT-104-B	Manhole cover and frame	NHT	M	04/30/14	05/30/14	05/12/14	12	B
	SUB-13-00015-NHT-105-A	Warning tape sample	NHT	M	02/23/14	03/25/14	02/27/14	4	A
	SUB-13-00015-NHT-106-A	Tie Rod, Rebar caps, Chamfers accessories and spacers Samples	NHT	M	02/23/14	03/25/14	02/27/14	4	B
	SUB-13-00015-NHT-107-A	Shop Drawings: Road Construction: Plan , Profile and Cross Section from Sta.3+850 to St.5+700-Segment A	NHT	S	02/24/14	03/26/14	03/09/14	13	C
	SUB-13-00015-NHT-107-B	Shop Drawings: Road Construction: Plan and Typical Section from Sta.3+850 to St.5+700-Segment A	NHT	S	03/11/14	04/10/14	03/17/14	6	B
	SUB-13-00015-NHT-108-A	Check Valve-ARI -BOQ item No. 5.4.1,5.4.2, 5.7.1, 5.7.2, 5.7.3, 5.7.4	NHT	M	02/27/14	03/29/14	03/03/14	4	B
	SUB-13-00015-NHT-109-A	Shop Drawing: Water : Plan, Profile and Typical Section from Sta.3+850 to Sta.5+700 - Segment A	NHT	S	03/03/14	04/02/14	03/11/14	8	C
	SUB-13-00015-NHT-109-B	Shop Drawing: Water : Plan, Profile and Typical Section from Sta.3+850 to Sta.5+700 - Segment A	NHT	S	03/16/14	04/15/14	03/27/14	11	B
	SUB-13-00015-NHT-110-A	Shop Drawing: Road : Plan, Profile and Cross Section from Sta.3+330 to Sta.3+850 - Segment A	NHT	S	03/03/14	04/02/14	03/09/14	6	C
	SUB-13-00015-NHT-110-B	Shop Drawing: Road : Plan, Profile and Cross Section from Sta.3+330 to Sta.3+850 - Segment A	NHT	S	03/19/14	04/18/14	03/25/14	6	B
	SUB-13-00015-NHT-111-A	Radiographic Testing Safety Plan	NHT	P	03/04/14	04/03/14	03/16/14	12	C
	SUB-13-00015-NHT-111-B	Radiographic Testing Safety Plan	NHT	P	03/24/14	04/23/14	03/31/14	7	B
	SUB-13-00015-NHT-112-A	6 inch and over Procedure Qualification Record (PQR)	NHT	P	03/05/14	04/04/14	03/09/14	4	C
	SUB-13-00015-NHT-112-B	6 inch and Over -Procedure Qualification Record (PQR) and Welding Procedure Specification (WPS)	NHT	P	03/12/14	04/11/14	03/20/14	8	B

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	SUB-13-00015-NHT-113-A	8-12 inch Procedure Qualification Record (PQR)	NHT	P	03/05/14	04/04/14	03/09/14	4	C
	SUB-13-00015-NHT-113-B	8-12 inch Procedure Qualification Record (PQR)	NHT	P	03/12/14	04/11/14	03/12/14	0	E
	SUB-13-00015-NHT-114-A	Drainage manhole –PCP item 4.03.1	NHT	M	03/09/14	04/08/14	03/12/14	3	B
	SUB-13-00015-NHT-114-B	Drainage manhole –PCP item 4.03.1	NHT	M	08/10/14	09/09/14	08/13/14	3	B
	SUB-13-00015-NHT-115-A	Combination Air Release Valves PN 16 -Val-Matic	NHT	M	03/09/14	04/08/14	03/20/14	11	C
	SUB-13-00015-NHT-115-B	Combination Air Release Valves PN 16 -Val-Matic	NHT	M	04/30/14	05/30/14	05/04/14	4	E
	SUB-13-00015-NHT-116-A	Combination Air Release Valves PN 25 -Val-Matic	NHT	M	03/09/14	04/08/14	03/20/14	11	C
	SUB-13-00015-NHT-116-B	Combination Air Release Valves PN 25 -Val-Matic	NHT	M	04/30/14	05/30/14	05/04/14	4	E
	SUB-13-00015-NHT-117-A	Combination Air Release Valves PN 40 -Val-Matic	NHT	M	03/09/14	04/08/14	03/18/14	9	C
	SUB-13-00015-NHT-117-B	Combination Air Release Valves PN 40 -Val-Matic	NHT	M	04/30/14	05/30/14	05/04/14	4	E
	SUB-13-00015-NHT-118-A	Surge Check Combination Air Release Valves -Val-Matic-PN 25 -DN50	NHT	M	03/09/14	04/08/14	03/17/14	8	C
	SUB-13-00015-NHT-118-B	Surge Check Combination Air Release Valves -Val-Matic-PN 25 -DN50	NHT	M	04/30/14	05/30/14	05/04/14	4	E
	SUB-13-00015-NHT-119-A	Surge Check Combination Air Release Valves -Val-Matic-PN 25 -DN80	NHT	M	03/09/14	04/08/14	03/18/14	9	C
	SUB-13-00015-NHT-119-B	Surge Check Combination Air Release Valves -Val-Matic-PN 25 -DN80	NHT	M	04/30/14	05/30/14	05/04/14	4	E
	SUB-13-00015-NHT-120-A	Surge Check Combination Air Release Valves -Val-Matic-PN 40 -DN100	NHT	M	03/09/14	04/08/14	03/18/14	9	C
	SUB-13-00015-NHT-120-B	Surge Check Combination Air Release Valves -Val-Matic-PN 40 -DN100	NHT	M	04/30/14	05/30/14	05/04/14	4	E
	SUB-13-00015-NHT-121-A	Cost breakdown for lump sum items	NHT	P	3/9/2014	04/08/14	03/31/14	22	C
	SUB-13-00015-NHT-122-A	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers_ FOSROC_Nitocote EP405	NHT	M	03/13/14	04/12/14	03/20/14	7	C
	SUB-13-00015-NHT-122-B	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers_ FOSROC_Nitocote EP405	NHT	M	03/24/14	04/23/14	03/27/14	3	B
	SUB-13-00015-NHT-123-A	Manufacturer "Bermad" sizing of Nahaleen Pressure Reducing Valve –As per CMC comments on Submittal No.: SUB-13-00015-NHT-081-A	NHT	M	03/13/14	04/12/14	03/27/14	14	B
	SUB-13-00015-NHT-124-A	Radiographic Testing (RT) Method Statement	NHT	P	03/16/14	04/15/14	03/20/14	4	B
	SUB-13-00015-NHT-125-A	Fasteners- TorqBolt	NHT	M	09/09/14	10/09/14	09/15/14		B
	SUB-13-00015-NHT-126-A	Steel ASTM A 53-Gr B , ERW Welded Pipes- Toscelik /Tzinorot	NHT	M	03/16/14	04/15/14	03/20/14	4	C
	SUB-13-00015-NHT-126-B	Steel ASTM A 53-Gr B , ERW Welded Pipes- Toscelik /Tzinorot	NHT	M	04/03/14	05/03/14	04/08/14	5	B
	SUB-13-00015-NHT-127-A	Stockpile area for excavated material	NHT	P	03/17/14	04/16/14	03/27/14	10	B
	SUB-13-00015-NHT-128-A	Galvanized steel pipes_Pecker	NHT	M	03/19/14	04/18/14	03/24/14	5	B
	SUB-13-00015-NHT-129-A	Concrete trial mix and modified mix design for Al-Abed concrete ready mix plant	NHT	M	03/19/14	04/18/14	03/25/14	6	B
	SUB-13-00015-NHT-130-A	Concrete trial mix and modified mix design for Al-Etihad concrete ready mix plant	NHT	M	03/19/14	04/18/14	03/25/14	6	B
	SUB-13-00015-NHT-131-A	Strainer- ARI- OF-20- PN 16-BOQ items No. 4.7.2 & 4.7.3	NHT	M	03/22/14	04/21/14	03/24/14	2	B
	SUB-13-00015-NHT-132-A	Traffic Control Plan - Phase 1B- (Road and water main construction) Segment A from St. 0+000 to St. 1+450 (Amendment for SUB-13-00015-NHT-094-A)	NHT	P	03/23/14	04/22/14	03/25/14	2	B
	SUB-13-00015-NHT-133-A	Bolts, Nuts& washers-Factor- for Mechanical Chambers	NHT	M	03/24/14	04/23/14	03/27/14	3	C
	SUB-13-00015-NHT-133-B	Bolts, Nuts& washers-Factor- for Mechanical Chambers	NHT	M	03/31/14	04/30/14	04/08/14	8	C
	SUB-13-00015-NHT-133-C	Bolts, Nuts& washers-Factor- for Mechanical Chambers	NHT	M	04/30/14	05/30/14	05/05/14	5	B
	SUB-13-00015-NHT-134-A	Shop Drawing: Water : Plan, Profile and Typical Section from Sta.3+350 to Sta.3+850 - Segment A	NHT	S	03/24/14	04/23/14	04/01/14	8	124 B

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	SUB-13-00015-NHT-135-A	Shop Drawing: Retaining Wall from Sta.0+640 to Sta.0+770 LHS	NHT	S	03/26/14	04/25/14	04/14/14	19	E
	SUB-13-00015-NHT-136-A	Welders Performance Qualification Certificates	NHT	P	03/29/14	04/28/14	03/31/14	2	B
	SUB-13-00015-NHT-137-A	Concrete curing compound material	NHT	M	04/01/14	05/01/14	04/06/14	5	B
	SUB-13-00015-NHT-138-A	Shop Drawings: Plan ,Profile and Cross Section from Sta.0+000 to Sta.0+980 -Segment B	NHT	S	04/06/14	05/06/14	04/27/14	21	B
	SUB-13-00015-NHT-138-B	Shop Drawings: Plan ,Profile and Cross Section from Sta.0+000 to Sta.0+980 -Segment B - As per Site Memo No. : SM-13-00015-NHT-E-C-004	NHT	S	05/11/14	06/10/14	05/26/14	15	B
	SUB-13-00015-NHT-139-A	Updated Construction Schedule and S-curve -March 2014	NHT	SCH	04/07/14	05/07/14	04/21/14	14	B
	SUB-13-00015-NHT-140-A	Shop Drawings: Concrete Basement Wall	NHT	S	04/08/14	05/08/14	04/16/14	8	B
	SUB-13-00015-NHT-141-A	10 inch Pipes Mitered Bends Schedule and fabrication from St. 3+350 to St. 5+700	NHT	S	04/10/14	05/10/14	04/28/14	18	B
	SUB-13-00015-NHT-142-A	Shop Drawing: Retaining Wall from Sta.0+790 to Sta.0+835 LHS	NHT	S	04/13/14	05/13/14	04/22/14	9	E
	SUB-13-00015-NHT-143-A	Shop Drawing: Boundary/Retaining Walls From Sta.B0+471 To B0+493.6 LHS &From Sta.B0+506.35 To B0+522 LHS & From Sta.B0+523 To B0+529 RHS	NHT	S	04/22/14	05/22/14	04/24/14	2	B
	SUB-13-00015-NHT-144-A	Shop Drawing: Boundary/Retaining Walls From Sta.B0+436 To B0+467 RHS	NHT	S	04/22/14	05/22/14	04/29/14	7	B
	SUB-13-00015-NHT-145-A	Electro-Magnetic water meter-Siemens-BOQ items No. 5.4.1,5.4.2 ,5.7.1,5.7.2 and 5.7.3	NHT	M	04/22/14	05/22/14	05/07/14	15	C
	SUB-13-00015-NHT-145-B	Electro-Magnetic water meter-Siemens-BOQ items No. 5.4.1,5.4.2 ,5.7.1,5.7.2 and 5.7.3	NHT	M	06/09/14	07/09/14	06/10/14	1	B
	SUB-13-00015-NHT-146-A	Shop Drawings: Water : Plan ,Profile and Typical Section from Sta.0+100 to Sta.1+400 - Segment A	NHT	S	04/24/14	05/24/14	05/05/14	11	C
	SUB-13-00015-NHT-146-B	Shop Drawings: Water : Plan ,Profile and Typical Section from Sta.0+100 to Sta.1+400 - Segment A	NHT	S	05/14/14	06/13/14	05/20/14	6	B
	SUB-13-00015-NHT-147-A	Shop Drawings: Stone Walls –Segment B	NHT	S	04/24/14	05/24/14	04/29/14	5	B
	SUB-13-00015-NHT-148-A	Shop Drawings: One Side Shutter Wall from Sta.0+480 to Sta.0+574 LHS ,from Sta.0+614 to Sta.0+790 LHS and from Sta.0+827 to Sta.0+930 LHS ,and Gravity Wall from Sta.0+790 to Sta.0+827 LHS	NHT	S	04/27/14	05/27/14	05/04/14	7	B
	SUB-13-00015-NHT-149-A	Pipe Expansion Joint	NHT	M	04/27/14	05/27/14	05/19/14	22	B
	SUB-13-00015-NHT-150-A	Shop Drawings: Box Culvert at Sta.0+951.6 ,Retaining Wall from Sta.0+930 to Sta.0+980 RHS and Retaining Wall from Sta.0+930 to Sta.0+980 LHS	NHT	S	04/28/14	05/28/14	05/14/14	16	B
	SUB-13-00015-NHT-150-B	Shop Drawings: Box Culvert at Sta.0+951.6 ,Retaining Wall from Sta.0+930 to Sta.0+980 RHS and Retaining Wall from Sta.0+930 to Sta.0+980 LHS -For Engineering Record	NHT	S	06/09/14	07/09/14	06/24/14	15	B
	SUB-13-00015-NHT-150-C	Shop Drawings: Box Culvert at Sta.0+951.6 ,Retaining Wall from Sta.0+885.770 to Sta.0+967 LHS and Retaining Wall from Sta.0+930 to Sta.0+968.5 RHS -For Engineering Record (2)	NHT	S	09/03/14	10/03/14	09/24/14	21	B
	SUB-13-00015-NHT-151-A	Shop Drawings: Box Culvert at Sta.0+590.5 ,Retaining Wall from Sta.0+570 to Sta.0+595 RHS and Retaining Wall from Sta.0+574.1 to Sta.0+614.0 LHS	NHT	S	04/28/14	05/28/14	05/08/14	10	B
	SUB-13-00015-NHT-151-B	Shop Drawings: Box Culvert at Sta.0+590.5 ,Retaining Wall from Sta.0+570 to Sta.0+595 RHS and Retaining Wall from Sta.0+574.1 to Sta.0+614.0 LHS -For Engineering Record	NHT	S	05/13/14	06/12/14	06/04/14	22	B
	SUB-13-00015-NHT-152-A	Butterfly Valve-PN 25-Henry Pratt-BOQ items No. 5.2.3	NHT	M	04/29/14	05/29/14	05/05/14	6	D

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	SUB-13-00015-NHT-152-B	Butterfly Valve-PN 25-Henry Pratt-BOQ items No. 5.2.3	NHT	M	05/07/14	06/06/14	05/27/14	20	C
	SUB-13-00015-NHT-152-C	Butterfly Valve-PN 25-Henry Pratt-BOQ items No. 5.2.3	NHT	M	07/16/14	08/15/14	07/20/14	4	E
	SUB-13-00015-NHT-153-A	Bolts, washers and nuts- Buried pipe flanges-Factor	NHT	M	04/29/14	05/29/14	05/05/14	6	C
	SUB-13-00015-NHT-154-A	Butterfly valve-PN 40-Henry Pratt- BOQ items No. 5.2.1,5.2.2, 5.4.1 and 5.4.2	NHT	M	04/29/14	05/29/14	05/20/14	21	C
	SUB-13-00015-NHT-154-B	Butterfly valve-PN 40-Henry Pratt- BOQ items No. 5.2.1,5.2.2, 5.4.1 and 5.4.2	NHT	M	07/16/14	08/15/14	07/20/14	4	E
	SUB-13-00015-NHT-155-A	Revised Construction Schedule & S-curve (April 30,2014)	NHT	SCH	04/29/14	05/29/14	04/30/14	1	D
	SUB-13-00015-NHT-155-B	Revised Construction Schedule & S-curve (May 11,2014)	NHT	SCH	05/12/14	06/11/14	06/04/14	23	D
	SUB-13-00015-NHT-155-C	Revised Construction Schedule & S-curve (June 10,2014)	NHT	SCH	06/14/14	07/14/14	06/24/14	10	C
	SUB-13-00015-NHT-155-D	Revised Construction Schedule & S-Curve (Recovery Plan) (June 10th. 2014)	NHT	SCH	07/09/14	08/08/14	07/23/14	14	B
	SUB-13-00015-NHT-156-A	Shop Drawings: Stone Walls from Sta.0+980 to Sta.1+078 RHS ,from Sta.1+083 to Sta.1+350 RHS and from Sta.0+980 to Sta.1+070 LHS -Segment A	NHT	S	05/06/14	06/05/14	05/12/14	6	B
	SUB-13-00015-NHT-157-A	Shop Drawings: Stone Walls from Sta.0+520 to Sta.0+550 RHS and from Sta.0+610 to Sta.0+660 RHS -Segment A	NHT	S	05/06/14	06/05/14	05/12/14	6	B
	SUB-13-00015-NHT-158-A	Shop Drawings: Stone Walls from Sta.0+780 to Sta.0+890 RHS-Segment A	NHT	S	05/06/14	06/05/14	05/12/14	6	B
	SUB-13-00015-NHT-159-A	Shop Drawings: Plan ,Profile and Cross Section for Road from Sta.1+500 to Sta.2+250 - Segment A	NHT	S	05/07/14	06/06/14	05/19/14	12	B
	SUB-13-00015-NHT-160-A	Updated Construction Schedule and S-curve -April 2014	NHT	SCH	05/07/14	06/06/14	05/14/14	7	B
	SUB-13-00015-NHT-161-A	Traffic Control Plan- Phase II- Water transmission pipeline and road widening -DCL Final Written Approval -(Amendment for SUB-13-00015-NHT-095-A)	NHT	P	05/07/14	06/06/14	05/14/14	7	A
	SUB-13-00015-NHT-162-A	Traffic Control Plan- Segment I Above Ground Water Pipe- Phase IA-DCL Final Written Approval - (Amendment for SUB-13-00015-NHT-062-A)	NHT	P	05/07/14	06/06/14	05/14/14	7	A
	SUB-13-00015-NHT-163-A	Shop Drawings: Plan ,Profile and Cross Section for Road from Sta.2+250 to Sta.3+330 - Segment A	NHT	S	05/08/14	06/07/14	05/21/14	13	B
	SUB-13-00015-NHT-164-A	Pressure Gauge- Ashcroft 1279	NHT	M	05/11/14	06/10/14	05/19/14	8	C
	SUB-13-00015-NHT-164-B	Pressure Gauge- Ashcroft 1279	NHT	M	08/11/14	09/10/14	08/21/14	10	B
	SUB-13-00015-NHT-165-A	Shop Drawings: Water 2" : Plan ,Profile and Typical Section from Sta.2+260 to Sta.3+300 - Segment A	NHT	S	05/12/14	06/11/14	05/20/14	8	B
	SUB-13-00015-NHT-166-A	Testing Labs-Renewed Accreditation Certificate and Schedule (For Emar Center & Building Center Lab)- Amendment to Submittal No. : SUB-13-00015-NHT-010-A	NHT	P	05/14/14	06/13/14	05/26/14	12	A
	SUB-13-00015-NHT-167-A	Traffic Control Plan from Sta.A2+270 to Sta.A3+320 -Segment A	NHT	P	05/18/14	06/17/14	05/19/14	1	B
	SUB-13-00015-NHT-168-A	Gaskets for PN 25 Flanges- Reinz AFM 34	NHT	M	05/19/14	06/18/14	05/28/14	9	B
	SUB-13-00015-NHT-169-A	Mitered Bends Schedule and fabrication for 12" pipeline -Segment D	NHT	S	05/19/14	06/18/14	05/27/14	8	B
	SUB-13-00015-NHT-170-A	Shop Drawings: Box Culvert at Sta.1+356 and Retaining Wall from Sta.1+260 to Sta.1+400 LHS	NHT	S	05/19/14	06/18/14	06/03/14	15	B
	SUB-13-00015-NHT-170-B	Shop Drawings: Box Culvert at Sta.1+356 and Retaining Wall from Sta.1+260 to Sta.1+400 LHS -For Engineering Record	NHT	S	06/09/14	07/09/14	06/23/14	14	B
	SUB-13-00015-NHT-171-A	Paint as second coat to be sprayed over factory EPOXY coating to protect pipe against UV Rays -UNISPEED -by Nirlat Products -Segment D	NHT	M	05/21/14	06/20/14	5/28/2014	7	C

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	SUB-13-00015-NHT-171-B	Paint as second coat to be sprayed over factory EPOXY coating to protect pipe against UV Rays -UNISPEED -by Nirlat Products -Segment D	NHT	M	06/18/14	07/18/14	6/24/2014	6	C
	SUB-13-00015-NHT-172-A	Joint sealant material -Thioflex 600	NHT	M	05/25/14	06/24/14	5/28/2014	3	B
	SUB-13-00015-NHT-173-A	Strainer-DVD	NHT	M	06/01/14	07/01/14	6/5/2014	4	C
	SUB-13-00015-NHT-173-B	Strainer-DVD	NHT	M	06/11/14	07/11/14	6/18/2014	7	B
	SUB-13-00015-NHT-174-A	Hubbed on Flanges for Welding -Alternative	NHT	M	06/04/14	07/04/14	6/5/2014	1	B
	SUB-13-00015-NHT-175-A	Shop Drawing: Concrete support details from Sta.0+000 to Sta.0+510- Segment D	NHT	S	06/04/14	07/04/14	6/9/2014	5	C
	SUB-13-00015-NHT-175-B	Shop Drawing: Concrete support details from Sta.0+000 to Sta.0+510- Segment D	NHT	S	08/24/14	09/23/14	9/3/2014	10	B
	SUB-13-00015-NHT-176-A	Shop Drawings: Double Pipe Culvert at Sta.5+472 -Segment A	NHT	S	06/04/14	07/04/14	6/23/2014	19	E
	SUB-13-00015-NHT-177-A	Shop Drawings: Storm Water : Plan, Profile and Typical Details from Sta.0+000 to Sta.0+210 -Segment B	NHT	S	06/05/14	07/05/14	6/29/2014	24	C
	SUB-13-00015-NHT-177-B	Shop Drawings: Storm Water : Plan, Profile and Typical Details from Sta.0+000 to Sta.0+210 -Segment B	NHT	S	07/22/14	08/21/14	8/3/2014	12	B
	SUB-13-00015-NHT-178-A	Shop Drawings: Storm Water : Plan, Profile and Typical Details from Sta.0+953 Segment B to Sta.5+480 Segment A	NHT	S	06/08/14	07/08/14	6/29/2014	21	C
	SUB-13-00015-NHT-178-B	Shop Drawings: Storm Water: Plan, Profile & Typical Details from Sta.0+710 to Sta.0+950-Segment B	NHT	S	07/13/14	08/12/14	8/3/2014	21	C
	SUB-13-00015-NHT-178-C	Shop Drawings: Storm Water: Plan, Profile & Typical Details from Sta.0+710 to Sta.0+950-Segment B	NHT	S	08/17/14	09/16/14	9/7/2014	21	C
	SUB-13-00015-NHT-178-D	Shop Drawings: Storm Water: Plan, Profile & Typical Details from Sta.0+710 to Sta.0+950-Segment B	NHT	S	09/15/14	10/15/14	10/2/2014	17	B
	SUB-13-00015-NHT-179-A	Updated Risk Management Program from sta.2+280 to Sta.3+320 -Segment A	NHT	P	06/09/14	07/09/14	7/3/2014	24	B
	SUB-13-00015-NHT-180-A	Shop Drawings: Water 3" : Plan , Profile and Typical Section from Sta.1+400 to Sta.2+260 -Segment A	NHT	S	06/14/04	07/14/04	7/3/2014	3671	B
	SUB-13-00015-NHT-181-A	Updated Risk Management Program from Sta.3+320 to Sta.5+500 -Segment A	NHT	P	06/14/14	07/14/14	7/3/2014	19	D
	SUB-13-00015-NHT-182-A	Galvanized steel pipes_Toscelik	NHT	M	06/12/14	07/12/14	6/16/2014	4	B
	SUB-13-00015-NHT-183-A	Steel ASTM A 53-Gr B , 3"- ERW Welded Pipes- Toscelik /Tzinorot-BOQ item(5.8.3)	NHT	M	06/17/14	07/17/14	6/23/2014	6	B
	SUB-13-00015-NHT-184-A	Pressure Reducing Valves_ Nahaleen chamber_ High_Pressure_Zone_ PN 40_Bermad	NHT	M	06/17/14	07/17/14	7/7/2014	20	B
	SUB-13-00015-NHT-185-A	Water Plan, Profile & Typical Details from Sta.0+000 to Sta.0+980-Segment B	NHT	S	06/28/14	07/28/14	7/22/2014	24	B
	SUB-13-00015-NHT-185-B	Water Plan, Profile & Typical Details from Sta.0+000 to Sta.0+980-Segment B-**For Engineering Record**	NHT	S	08/14/14	09/13/14	8/27/2014	13	B
	SUB-13-00015-NHT-186-A	Manufacturer "Bermad" sizing of Nahaleen Flow Control Valve –As per CMC comments on Submittal No.:(SUB-13-00015-NHT-077-A)&(SUB-13-00015-NHT-080-A)	NHT	M	06/26/14	07/26/14	7/13/2014	17	B
	SUB-13-00015-NHT-187-A	Butterfly valve-PN 40-Value	NHT	M	06/30/14	07/30/14	7/23/2014	23	D
	SUB-13-00015-NHT-188-A	Structural & Mechanical Detail For Valve Chambers For Nahaleen Main Pipe Line	NHT	S	07/03/14	08/02/14	7/22/2014	19	C
	SUB-13-00015-NHT-188-B	Structural & Mechanical Detail For Valve Chambers from Sta. 0+000 to Sta. 1+400 and from Sta.3+320 to Sta. 5+800 for Nahaleen Main Pipe Line	NHT	S	08/27/14	09/26/14	9/17/2014	21	C

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	SUB-13-00015-NHT-188-C	Structural & Mechanical Detail For Valve Chambers from Sta. 0+000 to Sta. 1+400 and from Sta.3+320 to Sta. 5+800 for Nahaleen Main Pipe Line	NHT	S	09/21/14	10/21/14	9/30/2014	9	B
	SUB-13-00015-NHT-189-A	Welder Performance Qualification Certificates & RT Test Report	NHT	P	07/07/14	08/06/14	7/13/2014	6	C
	SUB-13-00015-NHT-189-B	Welder Performance Qualification Certificates, RT Test Report and Negative Films	NHT	P	07/16/14	08/15/14	7/22/2014	6	A
	SUB-13-00015-NHT-190-A	Shop Drawings: Structural & Mechanical Detail For Flow Monitoring Chamber @ STA.0+720	NHT	S	07/20/14	08/19/14	8/7/2014	18	C
	SUB-13-00015-NHT-190-B	Shop Drawings: Structural & Mechanical Detail For Flow Monitoring Chamber @ STA.0+720	NHT	S	09/18/14	10/18/14	10/2/2014	14	B
	SUB-13-00015-NHT-191-A	Triple Pipe Culvert ST.1+356 & R.W ST.1+260 -1+380 LHS & One side Shuttering Wall ST.1+380-1+400 LHS-Ref to Verbal Instruction	NHT	S	07/16/14	08/15/14	7/24/2014	8	B
	SUB-13-00015-NHT-192-A	Husan Western Entrance Road Traffic Management Plan (Phases 03&05)-ICA approval	NHT	P	07/17/14	08/16/14	7/22/2014	5	B
	SUB-13-00015-NHT-193-A	Shop Drawings: Stone Walls from Sta.3+500 to Sta.3+540 RHS and from Sta.3+360 to Sta.3+420 RHS	NHT	S	08/03/14	09/02/14	8/5/2014	2	C
	SUB-13-00015-NHT-193-B	Shop Drawings: Stone Walls from Sta.3+500 to Sta.3+540 RHS and from Sta.3+360 to Sta.3+420 RHS	NHT	S	09/18/14	10/18/14	9/24/2014	6	B
	SUB-13-00015-NHT-194-A	Updated Construction schedule and S-curve - July 31, 2014	NHT	SCH	08/07/14	09/06/14	8/19/2014	12	B
	SUB-13-00015-NHT-195-A	Manholes Rungs-Eyar Plast Ltd Co.	NHT	M	09/28/14	10/28/14	10/13/2014	15	B
	SUB-13-00015-NHT-196-A	Traffic Control Plan from Sta.A1+940 to Sta.A2+270 -Segment A	NHT	P	08/07/14	09/06/14	8/10/2014	3	B
	SUB-13-00015-NHT-197-A	Welders Performance Qualification Certificates and RT Test Report	NHT	P	08/10/14	09/09/14	8/12/2014	2	A
	SUB-13-00015-NHT-198-A	Pipe Inspection Record (Book Submittal)	NHT	M	08/10/14	09/09/14	8/25/2014	15	B
	SUB-13-00015-NHT-199-A	Precast water manhole - addasi Co.	NHT	M	08/14/14	09/13/14	9/1/2014	18	D
	SUB-13-00015-NHT-199-B	Precast water manhole - addasi Co.	NHT	M	09/04/14	10/04/14	9/7/2014	3	B
	SUB-13-00015-NHT-200-A	Shop Drawings: Plan, Profile & Cross Section from Sta.0+000 to Sta1+367-Segment E	NHT	S	08/14/14	09/13/14	9/3/2014	20	C
	SUB-13-00015-NHT-200-B	Shop Drawings: Plan, Profile & Cross Section from Sta.0+000 to Sta1+367-Segment E	NHT	S	09/10/14	10/10/14	9/30/2014	20	B
	SUB-13-00015-NHT-201-A	Galvanized steel pipes_ AVROT	NHT	M	08/14/14	09/13/14	8/21/2014	7	C
	SUB-13-00015-NHT-201-B	Galvanized steel pipes_ AVROT	NHT	M	08/24/14	09/23/14	8/28/2014	4	B
	SUB-13-00015-NHT-202-A	Shop Drawing: Retaining Wall from Sta.0+106 to Sta.0+173 RHS	NHT	S	08/14/14	09/13/14	8/27/2014	13	B
	SUB-13-00015-NHT-203-A	Asphalt Mix Design -Wearing Asphalt 3/4 inch-Al Hareth Co.Asphalt Plant -item No.3.03 .	NHT	M	08/17/14	09/16/14	9/4/2014	18	C
	SUB-13-00015-NHT-203-B	Asphalt Mix Design -Wearing Asphalt 3/4 inch-Al Hareth Co.Asphalt Plant -item No.3.03 .	NHT	M	09/14/14	10/14/14	9/18/2014	4	D
	SUB-13-00015-NHT-203-C	Asphalt Mix Design -Wearing Asphalt 3/4 inch-Al Hareth Co.Asphalt Plant -item No.3.03 .	NHT	M	10/28/14	11/27/14		PE	
	SUB-13-00015-NHT-204-A	Shop Drawing: Boundary Wall from Sta. 0+420 to Sta. 0+452.5 LHS & Boundary Wall from Sta. 0+456.5 to Sta. 0+475.5 LHS	NHT	S	08/18/14	09/17/14	8/28/2014	10	E
	SUB-13-00015-NHT-205-A	Shop Drawing: Boundary Wall from Sta.0+032 to Sta. 0+063 LHS	NHT	S	08/18/14	09/17/14	8/28/2014	10	B
	SUB-13-00015-NHT-206-A	Shop Drawing: Retaining Wall from Sta. 0+501.85 to Sta. 0+620.60 LHS	NHT	S	08/18/14	09/17/14	9/2/2014	15	C
	SUB-13-00015-NHT-206-B	Shop Drawing: Boundary Wall from Sta. 0+501.85 TO 0+550 LHS& On Side Shuttering Wall from Sta. 0+550 TO 0+595.29 LHS-Per Reivew Comment on(SUB-13-00015-NHT-206-A)	NHT	S	09/08/14	10/08/14	9/17/2014	9	B
	SUB-13-00015-NHT-207-A	Shop Drawing: Boundary Wall from Sta.0+905 to Sta. 0+918 LHS-Segment E	NHT	S	08/19/14	09/18/14	8/28/2014	9	D

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	SUB-13-00015-NHT-207-B	Shop Drawing: Stone Wall from Sta.0+905 to Sta. 0+918 LHS-Segment E-Per your Review Comment on (SUB-13-00015-NHT-207-A)	NHT	S	09/01/14	10/01/14	9/2/2014	1	B
	SUB-13-00015-NHT-208-A	Shop Drawing: Retaining Wall from Sta. 0+639 to Sta. 0+670 LHS-Segment E	NHT	S	08/19/14	09/18/14	8/28/2014	9	B
	SUB-13-00015-NHT-209-A	Shop Drawing: Stone Wall from Sta. 0+130 to Sta. 0+170 LHS-Segment E	NHT	S	08/19/14	09/18/14	8/20/2014	1	C
	SUB-13-00015-NHT-209-B	Shop Drawing: Stone Wall from Sta. 0+130 to Sta. 0+170 LHS-Segment E	NHT	S	08/24/14	09/23/14	8/28/2014	4	B
	SUB-13-00015-NHT-210-A	Shop Drawing: Boundary Wall from Sta.0+637 to Sta. 0+653 RHS-Segment E	NHT	S	08/19/14	09/18/14	8/28/2014	9	B
	SUB-13-00015-NHT-211-A	Shop Drawing: Boundary Wall from Sta.0+718 to Sta. 0+732 LHS-Segment E	NHT	S	08/19/14	09/18/14	8/28/2014	9	B
	SUB-13-00015-NHT-212-A	Shop Drawing: Boundary Wall from Sta.0+567 to Sta. 0+590 RHS-Segment E	NHT	S	08/19/14	09/18/14	8/28/2014	9	B
	SUB-13-00015-NHT-213-A	Shop Drawing: Retaining Wall from Sta. 0+812.5 to Sta. 0+839 LHS& Boundary Wall from Sta.0+839 to Sta. 0+850 LHS-Segment E	NHT	S	08/19/14	09/18/14	8/28/2014	9	B
	SUB-13-00015-NHT-214-A	Shop Drawing: Boundary Wall from Sta.1+050 to Sta. 1+120 RHS-Segment E	NHT	S	08/21/14	09/20/14	8/28/2014	7	B
	SUB-13-00015-NHT-215-A	Shop Drawing: Retaining Wall from Sta. 0+754 to Sta. 0+774 LHS-Segment E	NHT	S	08/21/14	09/20/14	9/16/2014	26	B
	SUB-13-00015-NHT-216-A	Shop Drawing: Retaining Wall from Sta. 1+220 to Sta. 1+246.3 LHS-Segment E	NHT	S	08/21/14	09/20/14	8/28/2014	7	E
	SUB-13-00015-NHT-217-A	Shop Drawing: Boundary Wall from Sta.0+818 to Sta. 0+884.3 RHS-Segment E	NHT	S	08/21/14	09/20/14	8/28/2014	7	B
	SUB-13-00015-NHT-218-A	Shop Drawing: Boundary Wall from Sta.0+987 to Sta. 0+993 LHS-Segment E	NHT	S	08/21/14	09/20/14	8/28/2014	7	C
	SUB-13-00015-NHT-219-A	Shop Drawing: Retaining Wall from Sta. 0+045 to Sta. 0+083 RHS-Segment E	NHT	S	08/21/14	09/20/14	8/28/2014	7	B
	SUB-13-00015-NHT-220-A	Shop Drawing: Boundary Wall from Sta.0+200 to Sta. 0+246 RHS-Segment E	NHT	S	08/21/14	09/20/14	8/28/2014	7	B
	SUB-13-00015-NHT-221-A	Shop Drawing: Boundary Wall from Sta.0+948 to Sta. 0+963 RHS-Segment E	NHT	S	08/21/14	09/20/14	9/15/2014	25	B
	SUB-13-00015-NHT-222-A	Specific Night Work Safety Plan	NHT	P	08/24/14	09/23/14	8/28/2014	4	C
	SUB-13-00015-NHT-223-A	Welder Performance Qualification No.214150 (Mamidi Prasad)	NHT	P	08/24/14	09/23/14	8/27/2014	3	B
	SUB-13-00015-NHT-223-B	Welder Performance Qualification No.214150 (Mamidi Prasad)-**For Engineering Record**	NHT	P	09/09/14	10/09/14	9/11/2014	2	A
	SUB-13-00015-NHT-224-A	Shop Drawings: Plan , Profile and Cross Section for Road from Sta.5+700 to Sta.7+050 - Segment A	NHT	S	08/26/14	09/25/14	9/18/2014	23	B
	SUB-13-00015-NHT-224-B	Shop Drawings: Plan , Profile and Cross Section for Road from Sta.5+700 to Sta.7+050 - Segment A-**For Engineering Record**	NHT	S	09/23/14	10/23/14	10/2/2014	9	B
	SUB-13-00015-NHT-225-A	Ball Valve-Tyco F120 for Pressure Gauge	NHT	M	08/26/14	09/25/14	8/27/2014	1	B
	SUB-13-00015-NHT-226-A	Precast curb stone -Al Sous Co.	NHT	M	09/30/14	10/30/14	10/14/2014	14	B
	SUB-13-00015-NHT-227-A	House Connection PRV- Dorot Item No.5.12	NHT	M	09/01/14	10/01/14	9/4/2014	3	C
	SUB-13-00015-NHT-228-A	House Connection Ball Valve-Tyco- F 120-Item 5.12	NHT	M	09/03/14	10/03/14	9/7/2014	4	B
	SUB-13-00015-NHT-229-A	Shop Drawing: Street Lighting From Sta.B0+000 To Sta.B0+980- Segment B	NHT	S	09/03/14	10/03/14	9/4/2014	1	E
	SUB-13-00015-NHT-230-A	Pre-cast hand hole manhole for 2" gate valve- Al-Adassi pre-cast concrete factory	NHT	M	09/04/14	10/04/14	9/23/2014	19	B
	SUB-13-00015-NHT-231-A	update of mix design of asphalt for Al-Tarifi factory	NHT	M	09/04/14	10/04/14	9/18/2014	14	B
	SUB-13-00015-NHT-232-A	pressure test, disinfection and chlorine plan for water pipelines	NHT	M	09/04/14	10/04/14	9/16/2014	12	C
	SUB-13-00015-NHT-233-A	Updated Construction Schedule& S-Curve (August 31,2014)	NHT	SCH	09/07/14	10/07/14	9/25/2014	18	B
	SUB-13-00015-NHT-234-A	House Connection Check Valve-ITAP-Item No. 5.12	NHT	M	09/09/14	10/09/14	9/16/2014	7	B
	SUB-13-00015-NHT-235-A	House Connection ball valve-ITAP-Item No. 5.12	NHT	M	09/10/14	10/10/14	9/16/2014	6	B
	SUB-13-00015-NHT-236-A	House Connection Strainer-ITAP-Item No.5.12	NHT	M	09/10/14	10/10/14	9/16/2014	6	B
	SUB-13-00015-NHT-237-A	Shop Drawing: Stone Wall from Sta.3+270 to Sta. 3+300 RHS-Segment A	NHT	S	09/10/14	10/10/14	9/15/2014	5	B
	SUB-13-00015-NHT-238-A	House Connection- Pressure Reducing Valve- Honeywell-Item No.5.12	NHT	M	09/10/14	10/10/14	9/16/2014	6	C
	SUB-13-00015-NHT-238-B	House Connection- Pressure Reducing Valve- Honeywell-Item No.5.12	NHT	M	09/25/14	10/25/14	10/2/2014	7	B
	SUB-13-00015-NHT-239-A	Shop Drawing: Stone Wall from Sta.1+200 to Sta. 1+250 LHS-Segment A	NHT	S	09/10/14	10/10/14	9/15/2014	5	B
	SUB-13-00015-NHT-240-A	Concrete repairing material up to 3mm thickness and method statement	NHT	M	09/10/14	10/10/14	9/23/2014	13	B

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	SUB-13-00015-NHT-241-A	Shop Drawing: Pipe Culvert at Sta.3+281.3-Segment A	NHT	S	09/14/14	10/14/14	10/2/2014	18	B
	SUB-13-00015-NHT-242-A	Shop Drawings: Plan , Profile and Cross Section for Road from Sta.7+050 To Sta.8+203-Segment A	NHT	S	09/14/14	10/14/14	10/2/2014	18	B
	SUB-13-00015-NHT-242-B	Shop Drawings: Plan , Profile and Cross Section for Road from Sta.7+050 To Sta.8+203-Segment A-**For Engineering Record**	NHT	S	10/12/14	11/11/14	10/23/2014	11	B
	SUB-13-00015-NHT-243-A	Revised Construction Schedule & S Curve (Recovery Plan)(Sep.10,2014)	NHT	SCH	09/14/14	10/14/14	10/2/2014	18	B
	SUB-13-00015-NHT-244-A	Shop Drawing: Pipe Culvert at Sta.6+197	NHT	S	09/17/14	10/17/14	10/2/2014	15	C
	SUB-13-00015-NHT-244-B	Shop Drawing: Pipe Culvert at Sta.6+197	NHT	S	10/22/14	11/21/14		PE	
	SUB-13-00015-NHT-245-A	Traffic Control plan from Sta. 1+450 to Sta. 1+980-Segment A	NHT	P	09/18/14	10/18/14	9/18/2014	0	C
	SUB-13-00015-NHT-246-A	Updated Risk Management Program Form Sta.A1+460 To Sta.A2+260	NHT	P	09/23/14	10/23/14	10/20/2014	27	B
	SUB-13-00015-NHT-247-A	Storm water pipe 600mm Dia and pipe culvert-Palestinian Co.	NHT	M	09/23/14	10/23/14	9/25/2014	2	B
	SUB-13-00015-NHT-248-A	Prepaid water meter-Elektromed-Item No.5.12	NHT	M	09/25/14	10/25/14	10/13/2014	18	C
	SUB-13-00015-NHT-248-B	Prepaid water meter-Elektromed-Item No.5.12	NHT	M	10/21/14	11/20/14	10/29/2014	8	B
	SUB-13-00015-NHT-249-A	CONC.Ditch Plan From Sta.0+120 to Sta.0+480 & From Sta.3+320 to Sta.3+850 -Segment A	NHT	S	09/25/14	10/25/14	10/14/2014	19	C
	SUB-13-00015-NHT-249-B	CONC.Ditch Plan From Sta.0+120 to Sta.0+480 & From Sta.3+320 to Sta.3+850 -Segment A	NHT	S	10/16/14	11/15/14		PE	
	SUB-13-00015-NHT-250-A	Shop Drawing: Retaining Wall From Sta.6+505 to Sta.6+560 LHS& Sta.6+574to Sta.6+603 LHS- Segment A	NHT	S	09/28/14	10/28/14	10/16/2014	18	B
	SUB-13-00015-NHT-251-A	Welders Certificates and RT Test Results (D. Nagasatyanarayana)	NHT	P	09/25/14	10/25/14	10/13/2014	18	B
	SUB-13-00015-NHT-252-A	Shop Drawing: Water: Plan, Profile and Typical Section From Sta.5+700 To Sta.7+000-Segment A	NHT	S	09/28/14	10/28/14	10/16/2014	18	C
	SUB-13-00015-NHT-252-B	Shop Drawing: Water: Plan, Profile and Typical Section From Sta.5+700 To Sta.7+000-Segment A	NHT	S	10/22/14	11/21/14		PE	
	SUB-13-00015-NHT-253-A	Shop Drawing: Retaining Wall From Sta.6+761 To Sta.6+795 LHS& From Sta.6+920 To Sta.6+932 LHS-Segment A	NHT	S	09/29/14	10/29/14	10/16/2014	17	B
	SUB-13-00015-NHT-254-A	Shop Drawing: Stone Wall From Sta.6+706 To Sta.6+730 RHS-Segment A	NHT	S	09/29/14	10/29/14	10/16/2014	17	B
	SUB-13-00015-NHT-255-A	Shop Drawing: Water: Plan, Profile & Typical Details From Sta.-0+038 To Sta.1+400-Segment E	NHT	S	09/29/14	10/29/14	10/20/2014	21	C
	SUB-13-00015-NHT-255-B	Shop Drawing: Water: Plan, Profile & Typical Details From Sta.-0+038 To Sta.1+400-Segment E	NHT	S	10/29/14	11/28/14		PE	
	SUB-13-00015-NHT-256-A	Welder Performance Qualification No. 214220 – Indian Welder D. Nagasatyanarayana	NHT	P	09/30/14	10/30/14	10/13/2014	13	B
	SUB-13-00015-NHT-257-A	Shop Drawings: Storm Water : Plan, Profile and Typical Details from Sta.5+790 to Sta.6+040 -Segment A	NHT	S	10/09/14	11/08/14	10/23/2014	14	C
	SUB-13-00015-NHT-257-B	Shop Drawings: Storm Water : Plan, Profile and Typical Details from Sta.5+790 to Sta.6+040 -Segment A	NHT	S	10/27/14	11/26/14	10/29/2014	2	B

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	SUB-13-00015-NHT-258-A	Bolts (ASTM A 193 Class 2-Stainless Steel AISI 316,Grade B8M)and Nuts (ASTM A 194- Stainless Steel AISI 316- Grade 8M) Sample- Torq Bolts Inc.	NHT	M	10/12/14	11/11/14	10/29/2014	17	B
	SUB-13-00015-NHT-259-A	Updated construction schedule Sep. 30, 2014	NHT	SCH	10/12/14	11/11/14	10/16/2014	4	B
	SUB-13-00015-NHT-260-A	Shop Drawings: Structural & Mechanical Detail For Flow Monitoring Chamber @ STA.5+365	NHT	S	10/15/14	11/14/14	10/29/2014	14	C
	SUB-13-00015-NHT-260-B	Shop Drawings: Structural & Mechanical Detail For Flow Monitoring Chamber @ STA.5+365	NHT	S	11/01/14	12/01/14		PE	
	SUB-13-00015-NHT-261-A	Updated Pipe Inspection Record (Book Submittal)	NHT	M	10/16/14	11/15/14	10/29/2014	13	C
	SUB-13-00015-NHT-262-A	Updated Risk Management Program Form Sta.E-0+020 To Sta.E1+330-Segment E	NHT	P	10/20/14	11/19/14	10/30/2014	10	B
	SUB-13-00015-NHT-263-A	Shop Drawings: Structural & Mechanical Detail For Flow Chambers Typical Section (G.V, Washout, ARV)	NHT	S	10/20/14	11/19/14		PE	
	SUB-13-00015-NHT-264-A	Shop Drawings: Water : Plan ,Profile and Typical Details from Sta.0+000 to Sta.1+040 - Battir Water Pipeline	NHT	S	10/21/14	11/20/14		PE	
	SUB-13-00015-NHT-265-A	Shop Drawing: Water Plan, Profile and Typical Section from Sta.7+000 to Sta.7+425- Segment A	NHT	S	10/30/14	11/29/14		PE	

DV = Division A= No Exceptions Noted B = Make Corrections Noted C = Amend-Resubmit D= Rejected-Resubmit E= Review Not Required

p= preconstruction - S= Shop drawings - M= Materials -O= Others

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	TEST-13-00015-NHT-001-A	Bearing capacity test report for soil under foundation of retaining wall RHS from St.A 0+125 to St.A 0+205- ST/14039	NHT	04/01/14	05/01/14	04/01/14	0	B
	TEST-13-00015-NHT-002-A	soil slope stability report from St.A 0+000 to St.A 1+440- GT 14/003	NHT	04/14/14	05/14/14	04/20/14	6	B
	TEST-13-00015-NHT-003-A	Reinforcement steel test for retaining wall of(RHS) from Sta.A 0+125 to Sta.A 0+205-BM/STL/14026	NHT	04/14/14	04/20/14	04/16/14	2	A
	TEST-13-00015-NHT-004-A	Test report for concrete cube compressive strength for foundation of retaining wall from Sta.A 0+168.5 to Sta.A 0+205 at RHS- TC-14/35/A	NHT	04/23/14	05/23/14	04/28/14	5	A
	TEST-13-00015-NHT-005-A	Test report for concrete cube compressive strength for foundation of retaining wall from Sta.E 1+100 to Sta.E 1+116 at LHS- TC-14/335R/A	NHT	04/23/14	05/23/14	04/28/14	5	A
	TEST-13-00015-NHT-006-A	Test report for concrete cube compressive strength for foundation of retaining wall from Sta.A 0+144 to Sta.A 0+155 at RHS-TC-14/347/A	NHT	04/27/14	05/27/14	04/28/14	1	A
	TEST-13-00015-NHT-007-A	Test report for concrete cube compressive strength of stem of retaining wall from Sta.E 1+100 to Sta.E 1+116 at RHS- TC-14/350/A	NHT	04/29/14	05/29/14	05/04/14	5	A
	TEST-13-00015-NHT-008-A	Field density and degree of compaction for fourth layer of benching from Sta.A 0+240 to Sta.A 0+360 at RHS- TFD/14-161	NHT	05/07/14	06/06/14	05/12/14	5	A
	TEST-13-00015-NHT-009-A	Test for soil classification and modified proctor for first layer of benching from Sta.A 0+240 to Sta.A 0+360 at RHS-TB/14-145	NHT	05/01/14	05/31/14	05/04/14	3	A
	TEST-13-00015-NHT-010-A	Test for field density of compaction fro first layer of benching at RHS from Sta.A 0+240 to Sta.A 0+360- TFD/14-148	NHT	05/01/14	05/31/14	05/04/14	3	A
	TEST-13-00015-NHT-011-A	Test report for concrete cube compressive strength for foundation of retaining wall from Sta.A 0+125 to Sta.A 0+131 at RHS-TC-14/380/A	NHT	05/05/14	06/04/14	05/06/14	1	D
	TEST-13-00015-NHT-011-B	Test report for concrete compressive strength for seven days and (28 days) for foundation of retaining wall from Sta.A 0+125 to Sta.A 0+131 at RHS –TC-14/380/A & TC-14/380/B	NHT	07/22/14	08/21/14	08/03/14	12	A
	TEST-13-00015-NHT-012-A	Test report for field density and degree of compaction for second layer of benching from Sta.A 0+240 to Sta.A 0+370 at RHS-TFD/14-159	NHT	05/05/14	06/04/14	05/06/14	1	A
	TEST-13-00015-NHT-013-A	Test report for concrete cube compressive strength for foundation of retaining wall from Sta.A 0+155 to Sta.A 0+168.5 at RHS-TC-14/337/A	NHT	05/05/14	06/04/14	05/06/14	1	A
	TEST-13-00015-NHT-014-A	Field density and degree of compaction for third layer of benching from Sta.A 0+240 to Sta.A 0+370 at RHS-TFD/14-160	NHT	05/05/14	06/04/14	05/08/14	3	A
	TEST-13-00015-NHT-015-A	Test report for concrete cube compressive strength for foundation of retaining wall from Sta.A 0+131 to Sta.A 0+144 at RHS-TC-14/364/A	NHT	05/07/14	06/06/14	05/08/14	1	A
	TEST-13-00015-NHT-016-A	Field density and degree of compaction for fourth layer of benching from Sta.A 0+240 to Sta.A 0+360 at RHS-TFD/14-161	NHT	05/08/14	06/07/14	05/12/14	4	E
	TEST-13-00015-NHT-017-A	Test report for concrete cube compressive strength for Stem of Retaining Wall from Sta.A 0+144 to Sta.A 0+157 at RHS-TC-14/401/A	NHT	05/11/14	06/10/14	05/20/14	9	A
	TEST-13-00015-NHT-018-A	Test report for concrete cube compressive strength for Stem of Retaining Wall from Sta.A 0+125 to Sta.A 0+131 and from Sta.A 0+195 to Sta.A 0+205 at RHS-TC-14/412/A	NHT	05/14/14	06/13/14	05/19/14	5	A

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-TO-12-00005
TASK ORDER #15, Nahaleen Main Pipeline Project (NHT)

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Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00015-NHT-019-A	Test report for concrete cube compressive strength(28 days) for foundation of Retaining Wall from Sta.E 1+100 to Sta.E 1+116-TC-14/335/B	NHT	05/18/14	06/17/14	05/27/14	9	A
	TEST-13-00015-NHT-020-A	Test report for concrete cube compressive strength for Stem of Retaining Wall from Sta.A 0+131to Sta.A 0+144 and from Sta.A 0+157 to Sta.A 0+169 at RHS For stone wall protection up to 60 cm high from Sta.A 0+488 to Sta.A 0+496 , from Sta.A 0+506 to Sta.A 0+516 and from Sta.A 0+526 to Sta.A 0+536 at	NHT	05/21/14	06/20/14	05/22/14	1	A
	TEST-13-00015-NHT-021-A	Test report for field density and compaction degree for fifth layer of Benching from Sta.A 0+240 to Sta.A 0+360 at RHS-TFD/14-186	NHT	05/21/14	06/20/14	05/22/14	1	C
	TEST-13-00015-NHT-021-B	Test report for field density and compaction degree for fifth layer of Benching from Sta.A 0+240 to Sta.A 0+360 at RHS-TFD/14-186	NHT	05/26/14	06/25/14	05/27/14	1	A
	TEST-13-00015-NHT-022-A	Test report for modified Proctor for fifth layer of Benching form Sta.A 0+240 to Sta.A 0+360 at RHS-TB/14-163	NHT	05/21/14	06/20/14	05/26/14	5	A
	TEST-13-00015-NHT-023-A	Test report for concrete cube compressive strength (28 days) for stem of retaining wall from Sta.E 1+100 to Sta.E 1+116 at LHS-TC-14/35/B	NHT	05/26/14	06/25/14	05/27/14	1	A
	TEST-13-00015-NHT-024-A	Test report for concrete compressive strength of one side shutter for stone wall protection up to 60 cm from Sta.A 0+547 to Sta.A 0+554 up to1.2 m from Sta.A 0+564 to Sta.A 0+574, & up to 1.80 m from Sta.A 0+484 to Sta.A 0+494 , from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534 at LHS -TC-14/461/A	NHT	05/26/14	06/25/14	05/27/14	1	A
	TEST-13-00015-NHT-025-A	Test report for concrete compressive strength of one side shutter for stone wall protection up to 1.2 m high from Sta.A 0+484 to Sta.A 0+494 , from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534 at LHS -TC-14/452/A	NHT	05/26/14	06/25/14	05/27/14	1	A
	TEST-13-00015-NHT-026-A	Test report for concrete compressive strength of one side shutter for stone wall protection up to 1.2 m high from Sta.A 0+564 to Sta.A 0+574 , up to2.4 high from Sta.A 0+484 to Sta.A 0+494 , from Sta.A 0+504 to Sta.A 0+514 , from Sta.A 0+524 to Sta.A 0+534 & up to 0.6 m high from Sta. A 0+547 to Sta.A 0+554 at LHS -TC-14/462/A	NHT	05/26/14	06/25/14	05/27/14	1	A
	TEST-13-00015-NHT-027-A	Test report for concrete cube compressive strength (28 days) for foundation of retaining wall from Sta.A 0+125 to Sta.A 0+131 at RHS-TC-14/380/B	NHT	05/27/14	06/26/14	05/31/14	4	A
	TEST-13-00015-NHT-028-A	Test report for concrete cube compressive strength (28 days) for foundation of retaining wall from Sta.A 0+131 to Sta.A 0+144 at RHS -TC-14/364/B	NHT	05/27/14	06/26/14	05/31/14	4	A
	TEST-13-00015-NHT-029-A	Test report for concrete cube compressive strength (28 days) for foundation of retaining wall from Sta.A 0+155 to Sta.A 0+168.5 at RHS-TC-14/337/B	NHT	05/27/14	06/26/14	05/31/14	4	A

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	TEST-13-00015-NHT-030-A	Test report for concrete cube compressive strength (28 days) for foundation of retaining wall from Sta.A 0+168.5 to Sta.A 0+205 at RHS-TC-14/335R/B	NHT	05/27/14	06/26/14	05/31/14	4	A
	TEST-13-00015-NHT-031-A	Test report for concrete cube compressive strength (28 days) for foundation of retaining wall from Sta.A 0+144 to Sta.A 0+155 at RHS -TC-14/347/B	NHT	05/27/14	06/26/14	05/31/14	4	A
	TEST-13-00015-NHT-032-A	Test report for seven days of concrete cube compressive strength for stone wall protection : - Up to 1.8 m high from Sta.A 0+836 to Sta.A 0+846 and Sta.A 0+856 to Sta.A 0+866 at LHS. - Up to 0.6 m high from Sta.A 0+876 to Sta.A 0+886 at LHS. - For stem of retaining wall from Sta.A 0+930 to Sta.A 0+967 at LHS-TC-14/715/A	NHT	07/22/14	08/21/14	08/03/14	12	A
	TEST-13-00015-NHT-033-A	Test report for concrete cube compressive strength (7days) for one side shutter of stone wall protection up to 1.8 high from Sta.A 0+564 to Sta.A 0+574, up to 3 m high form Sta.A 0+484 to Sta.A 0+494, from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534, up to 1.2 m from Sta.A 0+547 to Sta. A 0+554 at LHS - TC-14/466/A	NHT	05/27/14	06/26/14	05/31/14	4	A
	TEST-13-00015-NHT-034-A	Test report for field density and degree of compaction for first layer of Backfilling for internal face of retaining wall from Sta.A 0+170 to Sta.A 0+205 at RHS-TFD/14-213	NHT	06/04/14	07/04/14	06/08/14	4	A
	TEST-13-00015-NHT-035-A	Test report for modified proctor for Backfilling of internal face of retaining wall from Sta.A 0+170 to Sta.A 0+205 at RHS-TB/14-188	NHT	06/04/14	07/04/14	06/16/14	12	A
	TEST-13-00015-NHT-036-A	Test report for concrete cube compressive strength for stone wall protection (7 days)- up to 60 cm high from Sta.A 0+514 to Sta.A 0+524 , up to 4 m high from Sta.A 0+484 to Sta.A 0+494, up to 2.4 m high from Sta.A 0+544 to Sta.A 0+554 and from Sta.A 0+564 to Sta.A 0+574 at LHS-TC-14/502/A	NHT	06/04/14	07/04/14	06/08/14	4	A
	TEST-13-00015-NHT-037-A	Soil testing and Geotechnical analyses report for Box Culvert at Sta.A 0+590-ST/14062	NHT	06/04/14	07/04/14	06/09/14	5	A
	TEST-13-00015-NHT-038-A	Test report for concrete cube compressive strength (28 days) for Stem Of Retaining Wall from Sta.A 0+125 to Sta.A 0+131 and from Sta.A 0+195 to Sta.A 0+205 at RHS-TC-14/12/B	NHT	06/07/14	07/07/14	06/08/14	1	A
	TEST-13-00015-NHT-039-A	Test report for concrete compressive strength (28 days) for Stem Of Retaining Wall from Sta.A 0+144 to Sta.A 0+157 at RHS-TC-14/401/B	NHT	06/07/14	07/07/14	06/08/14	1	A

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	TEST-13-00015-NHT-040-A	Test report for concrete cube compressive strength (7 days) : - Up to 60 cm high from Sta.A 0+494 to Sta.A 0+504 at LHS -Up to 1.2 m high from Sta.A 0+614 to Sta.A 0+624, from Sta.A 0+634 to Sta.A 0+644, from Sta.A 0+654 to Sta.A 0+664 at LHS - Up to 1.2 m high from Sta.A 0+534 to Sta.A 0+544, from Sta.A 0+554 to Sta.A 0+564 at LHS -Up to1.8 high from Sta.A 0+514 to Sta.A 0+524 at LHS-TC-14/504/A	NHT	06/07/14	07/07/14	06/08/14	1	A
	TEST-13-00015-NHT-041-A	Test report for concrete compressive strength (7 days) : -Up to 60 cm high from Sta.A 0+614 to Sta.A 0+624, from Sta.A 0+634 to Sta.A 0+644, from Sta.A 0+654 to Sta.A 0+664 at LHS -Up to 60 cm high from Sta.A 0+534to Sta.A 0+544, from Sta. A 0+554 to Sta.A 0+564 at LHS -Up to 1.2 m from Sta.A 0+514 to Sta.A 0+524 at LHS-TC-14/503/A	NHT	06/07/14	07/07/14	06/08/14	1	A
	TEST-13-00015-NHT-042-A	Test report for concrete core for Stem Of Retaining Wall from Sta.A 0+168 to Sta.A 0+195-TCC/14-018	NHT	06/08/14	07/08/14	06/12/14	4	A
	TEST-13-00015-NHT-043-A	Test report for bedding materials (Somsom) at Sta.A 3+950 at RHS-TA/14/018	NHT	06/08/14	07/08/14	06/09/14	1	A
	TEST-13-00015-NHT-044-A	Test report for single size at Sta.A 3+950 at RHS-TA/14/017	NHT	06/08/14	07/08/14	06/09/14	1	A
	TEST-13-00015-NHT-045-A	Test report for concrete compressive strength for one side shutter of stone wall protection up to 2.4 m high from Sta.A 0+494 to Sta.A 0+504 , up to 3.0 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS, up to 3.6 m high from Sta.A 0+514 to Sta.A 0+524 at LHS, up to 1.8 high from Sta.A 0+674 to Sta.A 0+684 at LHS -TC-14/556/A	NHT	06/10/14	07/10/14	06/11/14	1	A
	TEST-13-00015-NHT-046-A	Test report for modified proctor of base course under foundation of box culvert and adjacent retaining walls at Sta.A0+590 -TB/14-193	NHT	06/10/14	07/10/14	06/18/14	8	A
	TEST-13-00015-NHT-047-A	Test report for field density of first layer of base course under foundation of box culvert and adjacent retaining walls at Sta.A0+590 -TFD/14-219	NHT	06/10/14	07/10/14	06/18/14	8	A
	TEST-13-00015-NHT-048-A	Test report for field density of second layer of base coarse under foundation of box culvert and adjacent retaining walls at sta.A0+590 -TFD/14-220	NHT	06/10/14	07/10/14	06/18/14	8	A
	TEST-13-00015-NHT-049-A	Test report for field density of second layer of backfilling at the internal face of retaining wall from Sta.A0+160 to Sta.A0+205 at RHS -TFD/14-214	NHT	06/10/14	07/10/14	06/18/14	8	A

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	TEST-13-00015-NHT-050-A	Test report for concrete cube compressive strength (7 day) up to 1.8 m high from Sta.A 0+494 to Sta.A 0+504 at LHS ,up to 2.4 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS, up to 3 m high from Sta.A 0+514 to Sta.A 0+524 at LHS, up to 2.4 m high from Sta.A 0+614 to Sta.A 0+624 and from Sta.A 0+634 to Sta.A 0+644 at LHS, up to 1.2 m high from Sta.A 0+674 to Sta.A 0+684 at LHS-TC-14/506/A	NHT	06/10/14	07/10/14	06/11/14	1	A
	TEST-13-00015-NHT-051-A	Test report for seven days of concrete cubic compressive strength for stone wall protection up to 1.8 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 , up 2.4 m high from Sta.A 0+514 to Sta.A 0+524 at LHS ,up to 1.2 m high from Sta.A 0+494 to Sta.A 0+504 , up to 1.8 m high from Sta.A 0+614 to Sta.A 0+624 & from Sta.A 0+654 to Sta.A 0+664 at LHS and up to 60 cm high from Sta.A 0+674 to Sta.A 0+684 at LHS-TC-14/510/A	NHT	06/12/14	07/12/14	06/14/14	2	A
	TEST-13-00015-NHT-052-A	Test report for seven days of concrete cube compressive strength for one side shutter of stone wall protection: - up to 60 cm high from Sta.A 0+624 to Sta.A 0+634 ,from Sta.A 0+644 to Sta.A 0+654 , from Sta.A 0+664 to Sta.A 0+674 , and from Sta.A0+717 to Sta.A0+730 at LHS -up to 3.0 m high from Sta.A 0+494 to Sta.A 0+504, up to 3.6 m high ,from Sta.A 0+554 to Sta.A 0+564 at LHS ,up to 4.20 m high from Sta.A 0+514 to Sta.A 0+524 at LHS-TC-14/557/A	NHT	06/12/14	07/12/14	06/14/14	2	A
	TEST-13-00015-NHT-053-A	Test report for seven days of concrete cube compressive strength for one side shutter of stone wall protection: - up to 1.2 m high from Sta.A 0+624 to Sta.A 0+634 , from Sta.A 0+644 to Sta.A 0+654 and from Sta.A 0+664 to Sta.A 0+674 at LHS - up to 4.8 m high from Sta.A 0+514 to Sta.A 0+524 at LHS-TC-14/558/A	NHT	06/12/14	07/12/14	06/14/14	2	A
	TEST-13-00015-NHT-054-A	Test report for seven days of concrete cube compressive strength for one side shutter of stone wall protection: - up to 1.8 m high from Sta.A 0+624 to Sta.A 0+634, from Sta.A 0+644 to Sta.A 0+654, from Sta.A 0+664 to Sta.A 0+674 at LHS -up to 60 cm from Sta.A 0+704 to Sta.A 0+714 at LHS-TC-14/559/A	NHT	06/12/14	07/12/14	06/14/14	2	A

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	TEST-13-00015-NHT-055-A	Test report for field density and degree of compaction for third layer of Backfilling for the internal face of Retaining Wall from Sta.A 0+160 to Sta.A 0+205 at RHS-TFD/14-225	NHT	06/12/14	07/12/14	06/14/14	2	A
	TEST-13-00015-NHT-056-A	Test report for(28 days) concrete compressive strength : -For stem of retaining wall from Sta.A 0+157 to Sta.A 0+169, from Sta.A 0+131 to Sta.A 0+144 at RHS -For one side shutter of stone wall protection up to 60 cm high from Sta.A 0+488 to Sta.A 0+496 , from Sta.A 0+506 to Sta.A 0+516 and from Sta.A 0+526 to Sta.A 0+536 at LHS-TC-14/441/B	NHT	06/14/14	07/14/14	06/16/14	2	A
	TEST-13-00015-NHT-057-A	Test report for(28 days) concrete compressive strength : -For one side shutter of stone wall protection up to 1.2 m high from Sta.A 0+484 to Sta.A 0+494 , from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534 at LHS-TC-14/452/B	NHT	06/14/14	07/14/14	06/16/14	2	A
	TEST-13-00015-NHT-058-A	Test report for seven days concrete compressive strength for blinding concrete under concrete support at segment D-TC-14/505/A	NHT	06/14/14	07/14/14	06/16/14	2	A
	TEST-13-00015-NHT-059-A	Test report for seven days concrete compressive strength for Stone Wall Protection: -up to 1.8 m high from Sta.A 0+704 to Sta.A 0+714 at LHS -up to 2.4 m high from Sta.A 0+717 to Sta.A 0+734 at LHS -up to 1.2 m high from Sta.A 0+744 to Sta.A 0+754 and from Sta.A 764 to Sta.A 0+774 at LHS-TC-14/567/A	NHT	06/14/14	07/14/14	06/16/14	2	A
	TEST-13-00015-NHT-060-A	Test report for Bedding materials(Somsom) from Sta.A 4+200 to Sta.A 4+700 at RHS-TA/14/019	NHT	06/14/14	07/14/14	06/16/14	2	A
	TEST-13-00015-NHT-061-A	Test report for Single Size material from Sta.A 4+200 to Sta.A 4+700 at RHS-TA/14/020	NHT	06/14/14	07/14/14	06/16/14	2	A
	TEST-13-00015-NHT-062-A	Test report for field density and degree of compaction for first and second layer of Base Course under foundation of Box Culvert at Sta.A 0+951.60 at LHS-TFD/14-224	NHT	06/14/14	07/14/14	06/16/14	2	A
	TEST-13-00015-NHT-063-A	Test report for field density and degree of compaction for the fourth layer of Backfilling of internal face of Retaining Wall from Sta.A 0+144 to Sta.A 0+205 at RHS-TFD/14-228	NHT	06/14/14	07/14/14	06/16/14	2	A

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	TEST-13-00015-NHT-064-A	Test report for (28 days)of concrete cube compressive strength for one side shutter of concrete protection : -up to 1.8 m high from Sta.A 0+484 to Sta.A 0+494, from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534 at LHS -up to 1.2 m high from Sta.A 0+564 to Sta.A 0+574at LHS -up to 60 cm high from Sta.A 0+546.5 to Sta.A 0+554 at LHS-TC-14/461/B	NHT	06/17/14	07/17/14	06/19/14	2	A
	TEST-13-00015-NHT-065-A	Test report for (28 days)of concrete cube compressive strength for one side shutter of concrete protection : -up to 1.2 m high from Sta.A 0+564 to Sta.A 0+574 at LHS -up to 2.4 m high from Sta.A 0+484 to Sta.A 0+494 , from Sta.A 0+504 to Sta.A 0+514 , from Sta.A 0+524 to Sta.A 0+534 at LHS - up to 0.6 m high from Sta.A 0+547 to Sta.A 0+554 at LHS-TC-14/462/B	NHT	06/17/14	07/17/14	06/19/14	2	A
	TEST-13-00015-NHT-066-A	Test report for seven days of concrete cube compressive strength for one side shutter of concrete protection : -up to 1.2 m high from Sta.A 0+704 to Sta.A 0+714 and from Sta.A 0+724 to Sta.A 0+734 at LHS - up to 60 cm high from Sta.A 0+764 to Sta.A 0+774 at LHS-TC-14/560/A	NHT	06/17/14	07/17/14	06/19/14	2	A
	TEST-13-00015-NHT-067-A	Test report for seven days of concrete cube compressive strength for one side shutter of concrete protection : -Up to 3.6 m high from Sta.A 0+717 to Sta.A 0+734 at LHS -Up to 1.8 m high from Sta.A 0+744 to Sta.A 0+754 at LHS -Up to 2.4 m high from Sta.A 0+764 to Sta.A 0+774 at LHS-TC-14/577/A	NHT	06/17/14	07/17/14	06/19/14	2	A
	TEST-13-00015-NHT-068-A	Test report field density and degree of compaction for fifth layer of Backfilling for internal face of Retaining Wall from Sta.A 0+144 to Sta.A 0+205 at RHS-TFD/14-235	NHT	06/21/14	07/21/14	06/23/14	2	A
	TEST-13-00015-NHT-069-A	Test report field density and degree of compaction for sixth layer of Backfilling for internal face of Retaining Wall from Sta.A 0+144 to Sta.A 0+205 at RHS-TFD/14-241	NHT	06/21/14	07/21/14	06/23/14	2	A

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	TEST-13-00015-NHT-070-A	Test report for (28 days) of concrete compressive strength for stone wall protection : -up to 60 cm high from Sta.A 0+514 to Sta.A 0+524 at LHS -up to 4.00 m high from Sta.A 0+484 to Sta.A 0+494 at LHS -up to 2.40 m high from Sta.A 0+544 to Sta.A 0+554 and from Sta.A 0+564 to Sta.A 0+574 at LHS-TC-14/502/B	NHT	06/22/14	07/22/14	06/23/14	1	A
	TEST-13-00015-NHT-071-A	Test report for seven days of concrete compressive strength for stone wall protection : -up to 1.2 m high from Sta.A 0+754 to Sta.A 0+764 at LHS -up to 4.2 m high from Sta.A 0+714 to Sta.A 0+734 at LHS-TC-14/586/A	NHT	06/22/14	07/22/14	06/23/14	1	A
	TEST-13-00015-NHT-072-A	Test report for field density and degree of compaction for first layer of the base course road from Sta.A 3+920 to Sta.A 4+050 at RHS at Sta.A 3+960 and Sta.A 4+020-TFD/14-234	NHT	06/24/14	07/24/14	07/02/14	8	A
	TEST-13-00015-NHT-073-A	Test report for field density and degree of compaction for first layer of the base course road from Sta.A 4+120 to Sta.A 4+250 at RHS-TFD/14-243	NHT	06/24/14	07/24/14	06/26/14	2	A
	TEST-13-00015-NHT-074-A	Test report for the Base Course material at Stock Pile (from Morra Crusher) - TB/14/202	NHT	06/24/14	07/24/14	06/26/14	2	C
	TEST-13-00015-NHT-074-B	Test report for the Base Course material at Stock Pile (from Morra Crusher) & for Gradation (Sieve analyses) of Base Course material that delivered from Morra Crusher-TB/14/202 & TB/14-216	NHT	08/04/14	09/03/14	08/05/14	1	A
	TEST-13-00015-NHT-075-A	Test report for (28 Days) of concrete cube compressive strength for stone wall protection : -up to 60 cm from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS & -up to 1.2 m from Sta.A 0+514 to Sta.A 0+524 at LHS-TC-14/503/B	NHT	06/24/14	07/24/14	06/26/14	2	A
	TEST-13-00015-NHT-076-A	Test report for single size material of water pipe trench from Sta.A 2+700 to Sta.A 3+200 at RHS-TA/14/021	NHT	06/25/14	07/25/14	06/29/14	4	A
	TEST-13-00015-NHT-077-A	Test report for Bedding material (Somsom) of water trench from Sta.A 2+700 to Sta.A 3+200 at RHS at Sta.A 2+800 -TA/14/022	NHT	06/25/14	07/25/14	06/29/14	4	A
	TEST-13-00015-NHT-078-A	Test report for Bedding material (Somsom) of water trench from Sta.A 4+200 to Sta.A 4+700 at RHS at Sta.A 4+300 -TA/14/024	NHT	06/25/14	07/25/14	06/29/14	4	A
	TEST-13-00015-NHT-079-A	Test report for single size and Bedding material (Somsom) for water trench from Sta.A 4+700 to Sta.A 5+200 at RHS at Sta.A 4+800-TA/14/023	NHT	06/25/14	07/25/14	07/02/14	7	A

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	TEST-13-00015-NHT-080-A	Test report for (28 days) of concrete cube compressive strength of stone wall protection: -up to 1.8 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS , from Sta.A 0+614 to Sta.A 0+624, from Sta.A 0+634 to Sta.A 0+644 and from Sta.A 0+654 to Sta.A 0+664 at LHS -up to2.4 m high from Sta.A 0+514 to Sta.A 0+524 at LHS -up to 1.2 high from Sta.A 0+494 to Sta.A 0+504 at LHS , up to 60 cm from Sta.A 0+674 to Sta.A 0+684 at LHS TC-14/510/B	NHT	06/25/14	07/25/14	07/02/14	7	A
	TEST-13-00015-NHT-081-A	Test report for (28 days) of concrete cube compressive strength for blinding concrete under concrete support-segment D-TC-14/505/B	NHT	06/25/14	07/25/14	06/26/14	1	A
	TEST-13-00015-NHT-082-A	Test report for (28 days) of concrete cube compressive strength of stone wall protection: - up to 1.2 m high from Sta.A 0+614 to Sta.A 0+624, from Sta.A 0+634 to Sta.A 0+644 ,from Sta.A 0+654 to Sta.A 0+664, from Sta.A 0+534 to Sta.0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS -up to 60 cm high from Sta.A 0+494 to Sta.A 0+504 at LHS -up to 1.8 m high from Sta.A 0+514 to Sta.A 0+524 at LHS-TC-14/504/B	NHT	06/25/14	07/25/14	06/26/14	1	A
	TEST-13-00015-NHT-083-A	Test report for (seven days) of concrete cube compressive strength of stone wall protection: -up to 60 cm high from Sta.A 0+754 to Sta.A 0+764 at LHS -up to 2.4 m high from Sta.A 0+744 to Sta.A 0+754 at LHS-TC-14/585/A	NHT	06/25/14	07/25/14	06/26/14	1	A
	TEST-13-00015-NHT-084-A	Test report for (seven days) of concrete cube compressive strength for concrete blinding Box Culvert at Sta.A 0+590 -TC-14/584/A	NHT	06/25/14	07/25/14	06/26/14	1	A
	TEST-13-00015-NHT-085-A	Test report for (seven days) of concrete cube compressive strength of Stone Wall protection: - up to 3.0 m high from Sta.A 0+744 to Sta.A 0+754 at LHS -up to 1.8 m high from Sta.A 0+754 to Sta.A 0+764 at LHS TC/14/597/A	NHT	06/26/14	07/26/14	06/30/14	4	A
	TEST-13-00015-NHT-086-A	Test report for (seven days) of concrete cube compressive strength of: -foundation of Retaining wall from Sta.A 0+574 to Sta.A 0+614 at LHS , from Sta.A 0+585 to Sta.A 0+595 at RHS - foundation Box Culvert at Sta.A 0+590 -Stone Wall Protection up to 2.4 m high from Sta.A 0+754 to Sta.A 0+764 at LHS-TC-14/598/A	NHT	06/26/14	07/26/14	06/30/14	4	A

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	TEST-13-00015-NHT-087-A	Test report for (seven days) of concrete cube compressive strength of stone wall protection : -up to 60 cm high from Sta.A 0+734 to Sta.A 0+744 -up to 1.2 m high from Sta.A 0+714 to Sta.A 0+717 at LHS-TC-14/626/A	NHT	06/26/14	07/26/14	06/30/14	4	A
	TEST-13-00015-NHT-088-A	Test report for (seven days) of concrete cube compressive strength: - For box culvert At Sta.A 0+591.60 -For stone wall protection up to 2.4 m high from Sta.A 0+714 to Sta.A 0+717 at LHS and up to 1.2 m high from Sta.A 0+774 to Sta.A 0+781 at LHS-TC-14/628/A	NHT	06/26/14	07/26/14	06/30/14	4	A
	TEST-13-00015-NHT-089-A	Test report for (seven days) of concrete cube compressive strength of stone wall protection: - up to 1.2 m high from Sta.A 0+734 to Sta.A 0+744 at LHS -up to 1.8 m high from 0+714 to Sta.A 0+717 at LHS - up to 60 cm high from Sta.A 0+774 to Sta.A 0+781 & from Sta.A 0+781 to Sta.A 0+790 at LHS-TC-14/627/A	NHT	06/29/14	07/29/14	06/30/14	1	A
	TEST-13-00015-NHT-090-A	Test report for Field density and Degree of compaction for Sub Grade of widening road from Sta.A 3+920 to Sta.A 4+050 at Sta.A 4+010 at RHS-TFD/14-255	NHT	06/29/14	07/29/14	06/30/14	1	A
	TEST-13-00015-NHT-091-A	Test report of Modified proctor for Sub Grade materials for road widening from Sta.A 3+920 to Sta.A 4+050 at RHS-TB/14-212	NHT	06/29/14	07/29/14	06/30/14	1	A
	TEST-13-00015-NHT-092-A	Test report of Modified proctor for Sub Grade materials for road widening from Sta.A 3+920 to Sta.A 4+050 at RHS-TB/14-213	NHT	06/29/14	07/29/14	06/30/14	1	A
	TEST-13-00015-NHT-093-A	Test report for Field density and degree of compaction for Sub Grade road widening from Sta.A 4+120 to Sta.A 4+250 at Sta.A 4+200 and Sta.A 4+160 at RHS-TFD/14-256	NHT	06/29/14	07/29/14	06/30/14	1	A
	TEST-13-00015-NHT-094-A	Test report for soil material classification of road sub grade layer from Sta.A 2+780 to Sta.A 3+100-TB/14-207	NHT	07/03/14	08/02/14	07/07/14	4	A

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	TEST-13-00015-NHT-095-A	Test report for (28 days) of concrete cube compressive strength for Stone Wall Protection : - up to 2.4 m high from Sta.A 0+494 to Sta.A 0+504 -up to 3.0 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS -up to 3.60 m high from Sta.A 0+514 to Sta.A 0+524 at LHS - up to 1.8 m high from Sta.A 0+674 to Sta.A 0+684 at LHS-TC-14/556/B	NHT	07/06/14	08/05/14	07/07/14	1	A
	TEST-13-00015-NHT-096-A	Test report for (28 days) of concrete cube compressive strength for Stone Wall Protection : -up to 60 cm high from Sta.A 0+624 to Sta.A 0+634 ,from Sta.A 0+644 to Sta.A 0+654 , from Sta.A 0+664 to Sta.A 0+674 , and from Sta.A0+717 to Sta.A0+730 at LHS -up to 3.0 m high from Sta.A 0+494 to Sta.A 0+504 -up to 3.6 m high ,from Sta.A 0+554 to Sta.A 0+564 at LHS -up to 4.20 m high from Sta.A 0+514 to Sta.A 0+524 at LHS-TC-14/557/B	NHT	07/06/14	08/05/14	07/07/14	1	A
	TEST-13-00015-NHT-097-A	Test report for (28 days) of concrete cube compressive strength for Stone Wall Protection : - up to 1.2 m high from Sta.A 0+624 to Sta.A 0+634 , from Sta.A 0+644 to Sta.A 0+654 and from Sta.A 0+664 to Sta.A 0+674 at LHS - up to 4.8 m high from Sta.A 0+514 to Sta.A 0+524 at LHSTC-14/558/B	NHT	07/06/14	08/05/14	07/07/14	1	A
	TEST-13-00015-NHT-098-A	Test report for (28 days) of concrete cube compressive strength for Stone Wall Protection : - up to 1.8 m high from Sta.A 0+624 to Sta.A 0+634, from Sta.A 0+644 to Sta.A 0+654, from Sta.A 0+664 to Sta.A 0+674 at LHS -up to 60 cm from Sta.A 0+704 to Sta.A 0+714 at LHS-TC-14/559/B	NHT	07/06/14	08/05/14	07/07/14	1	A
	TEST-13-00015-NHT-099-A	Test report for (28 days) of concrete cube compressive strength for Stone Wall Protection : -up to 1.2 m high from Sta.A 0+704 to Sta.A 0+714 and from Sta.A 0+724 to Sta.A 0+734 at LHS - up to 1.8 m high from Sta.A 0+714 to Sta.A 0+724 & from Sta.A 0+724 to Sta.A 0+734 at LHS -up to 60 cm high from Sta.A 0+744 to Sta.A 0+754 and from Sta.A 0+764 To Sta.A 0+774 at LHS-TC-14/560/B	NHT	07/06/14	08/05/14	07/08/14	2	A

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-TO-12-00005
TASK ORDER #15, Nahaleen Main Pipeline Project (NHT)

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	TEST-13-00015-NHT-100-A	Test report for seven days of concrete cube compressive strength for foundation of Box Culvert and Retaining Wall Box Culvert at Sta.A 0+950 & Retaining Wall from Sta.A 0+930 to Sta.A 0+970 at RHS-TC-14/629/A		07/06/14	08/05/14	07/08/14	2	A
	TEST-13-00015-NHT-101-A	Test report for seven days of concrete cube compressive strength for Stone Wall Protection : - up to 1.8 m high from Sta.A 0+774 to Sta.A 0+781 at LHS -up to 1.2 m high from Sta.A 0+781 to Sta.A 0+796 at LHS-TC-14/630/A	NHT	07/06/14	08/05/14	07/08/14	2	A
	TEST-13-00015-NHT-102-A	Test report for seven days of concrete cube compressive strength for Stone Wall Protection : - up to 2.4 m high from Sta.A 0+774 to Sta.A 0+781 at LHS -up to 1.8 m high from Sta.A 0+734 to Sta.A 0+744 and from Sta.A 0+781 to Sta.A 0+796 at LHS-TC-14/631/A	NHT	07/06/14	08/05/14	07/08/14	2	A
	TEST-13-00015-NHT-103-A	Test report for seven days of concrete cube compressive strength for Stone Wall Protection : - up to 3 m high from Sta.A 0+734 to Sta.A 0+744 and from Sta.A 0+781 to Sta.A 0+796 at LHS - for Retaining Wall from Sta.A 0+600 to Sta.A 0+614 at LHS-TC-14/670/A	NHT	07/06/14	08/05/14	07/09/14	3	A
	TEST-13-00015-NHT-104-A	Test report for seven days of concrete cube compressive strength for Roof of Box Culvert at Sta.A 0+591.60-TC-14/668/A	NHT	07/06/14	08/05/14	07/09/14	3	A
	TEST-13-00015-NHT-105-A	Test report of field density and degree of compaction for sub grade material of road widening from Sta.A 4+250 to Sta.A 4+380 at Sta.A 4+350 and Sta.A 4+300 at RHS-TFD/14-264	NHT	07/06/14	08/05/14	07/09/14	3	A
	TEST-13-00015-NHT-106-A	Test report for Gradation (Sieve analyses) of Base Course material that delivered from Morra Crusher-TB/14-216	NHT	07/06/14	08/05/14	07/09/14	3	A
	TEST-13-00015-NHT-107-A	Test report for modified proctor of road widening from Sta.A 3+700 to Sta.A 3+820 at RHS-TB/14-217	NHT	07/06/14	08/05/14	07/09/14	3	A
	TEST-13-00015-NHT-108-A	Test report for field density and degree of compaction for road widening from Sta.A 3+740 to Sta.A 3+820 at Sta.A 3+800 at RHS-TFD/14-258	NHT	07/06/14	08/05/14	07/09/14	3	A
	TEST-13-00015-NHT-109-A	Test report for field density and degree of compaction for first layer base course from Sta.A 4+250 to Sta.A 4+380 at Sta.A 4+280 and Sta.A 4+380 at RHS-TFD/14-273	NHT	07/07/14	08/06/14	07/16/14	9	C
	TEST-13-00015-NHT-109-B	Re- test the failure sample for field density and degree of compaction for first layer base course from Sta.A 4+250 to Sta.A 4+380 at RHS at Sta.A 4+280 and Sta.A 4+360-TFD/14-285	NHT	08/05/14	09/04/14	08/07/14	2	C

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	TEST-13-00015-NHT-109-C	Re- test the failure sample for field density and degree of compaction for first layer base course from Sta.A 4+250 to Sta.A 4+380 at RHS at Sta.A 4+280 - TFD/14-358	NHT	08/23/14	09/22/14	08/27/14	4	A
	TEST-13-00015-NHT-110-A	Test report for single size and bedding material from Sta.A 0+400 to Sta.A 0+900 at Sta.A 0+780 at RHS-TA/14/027	NHT	07/07/14	08/06/14	07/14/14	7	A
	TEST-13-00015-NHT-111-A	Test report of sieve analyses for single size and bedding material from Sta.A 5+200 to Sta.A 5+700 at Sta.A 5+250 at RHS-TA/14/026	NHT	07/07/14	08/06/14	07/15/14	8	A
	TEST-13-00015-NHT-112-A	Test report for (28 days) of concrete compressive strength for stone wall protection : - up to 3 m high from Sta.A 0+484 to Sta.A 0+494 , from Sta.A 0+504 to Sta.A 0+514 and from Sta.A 0+524 to Sta.A 0+534 at LHS -up to 1.8 m high from Sta.A 0+564 to Sta.A 0+574 at LHS -up to 1.2 m high from Sta.A 0+547 to Sta.A 0+554 at LHS-TC-14/466/B	NHT	07/08/14	08/07/14	07/16/14	8	A
	TEST-13-00015-NHT-113-A	Test report for (28 days) of concrete compressive strength for stone wall protection : - Up to 3.6 m high from Sta.A 0+714 to Sta.A 0+734 at LHS -Up to 1.8 m high from Sta.A 0+744 to Sta.A 0+754 at LHS -Up to 2.4 m high from Sta.A 0+764 to Sta.A 0+774 at LHS-TTC-14/577/B	NHT	07/08/14	08/07/14	07/17/14	9	A
	TEST-13-00015-NHT-114-A	Test report for (28 days) of concrete compressive strength for concrete blinding for box culvert at Sta.A 0+590-TC-14/484/B	NHT	07/08/14	08/07/14	07/17/14	9	A
	TEST-13-00015-NHT-115-A	Test report for (28 days) of concrete compressive strength for stone wall protection: -up to 60 cm high from Sta.A 0+754 to Sta.A 0+764 at LHS -up to 2.4 m high from Sta.A 0+744 to Sta.A 0+754 at LHS-TC-14/585/B	NHT	07/08/14	08/07/14	07/17/14	9	A
	TEST-13-00015-NHT-116-A	Test report of field density and degree of compaction for seventh layer of backfilling for the internal face of retaining wall from Sta.A 0+144 to Sta.A 0+205 at RHS at Sta.A 0+150 -TFD/14-245	NHT	07/08/14	08/07/14	07/15/14	7	A
	TEST-13-00015-NHT-117-A	Test report for seven days of concrete compressive strength for stone wall protection: -up to 1.8 m high from Sta.A 0+796 to Sta.A 0+806 -up to 1.2 m high from Sta.A 0+806 to Sta.A 0+816 at LHS-TC-14/687/A	NHT	07/08/14	08/07/14	07/16/14	8	A

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	TEST-13-00015-NHT-118-A	Test report for seven days of concrete compressive strength : -For roof slab of box culvert at Sta.A 0+950 -For foundation of retaining wall from Sta.A 0+930 to Sta.A 0+967 at LHS -For stone wall protection up to 2.40 m high from Sta.A 0+806 to Sta.A 0+816 & up to 60 cm high from Sta.A 0+835 to Sta.A 0+845 , from Sta.A 0+855 to Sta.A 0+866 at LHS-TC-14/688/A	NHT	07/08/14	08/07/14	07/16/14	8	A
	TEST-13-00015-NHT-119-A	Test report for field density and degree of compaction for backfilling of internal face for retaining wall from Sta.A 0+131 to Sta.A 0+205 at RHS at Sta.A 0+175 and Sta.A 0+200-TFD/14-249	NHT	07/08/14	08/07/14	07/15/14	7	A
	TEST-13-00015-NHT-120-A	Test report of modified proctor for backfilling material behind internal face of retaining wall from Sta.A 0+125 to Sta.A 0+205 at RHS-TB/14-210	NHT	07/08/14	08/07/14	07/14/14	6	A
	TEST-13-00015-NHT-121-A	Test report for field density and degree of compaction for internal face of retaining wall from Sta.A 0+125 to Sta.A 0+205 at RHS at Sta.A 0+160-TFD/14-250	NHT	07/08/14	08/07/14	07/14/14	6	A
	TEST-13-00015-NHT-122-A	Test report for modified proctor of sub grade material from Sta.A 2+320 to Sta.A 2+600 -TB/14-222	NHT	07/08/14	08/07/14	07/14/14	6	A
	TEST-13-00015-NHT-123-A	Test report for modified proctor of sub grade material from Sta.A 2+600 to Sta.A 2+900-TB/14-223	NHT	07/08/14	08/07/14	07/14/14	6	A
	TEST-13-00015-NHT-124-A	Test report for modified proctor of sub grade material from Sta.A 2+900 to Sta.A 3+100-TB/14-224	NHT	07/08/14	08/07/14	07/14/14	6	A
	TEST-13-00015-NHT-125-A	Test report for field density and degree of compaction for sub grade material from Sta.A 2+320 to Sta.A 3+100-TFD/14-274	NHT	07/08/14	08/07/14	07/14/14	6	C
	TEST-13-00015-NHT-125-B	Re- test the failure samples for field density and degree of compaction for sub grade material from Sta.A 2+320 to Sta.A 3+100-TFD/14-286.	NHT	08/05/14	09/04/14	08/07/14	2	A
	TEST-13-00015-NHT-126-A	Test report for (28 days) of concrete cube compressive strength for stone wall protection: -up to 1.8 m high from Sta.A 0+494 to Sta.A 0+504 at LHS -up to 2.4 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+544 to Sta.A 0+564 at LHS -up to 3 m high from Sta.A 0+514 to Sta.A 0+524 at LHS -up to 2.4 m high from Sta.A 0+614 to Sta.A 0+624 and from Sta.A 0+634 to Sta.A 0+644 at LHS -up to 1.2 m high from Sta.A 0+674 to Sta.A 0+684 at LHS-TC-14/506/B	NHT	07/10/14	08/09/14	07/22/14	12	A

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	TEST-13-00015-NHT-127-A	Test report for (28 days) of concrete cube compressive strength for stone wall protection: -up to 1.8 m high from Sta.A 0+704 to Sta.A 0+714 at LHS -up to 2.4 m high from Sta.A 0+714 to Sta.A 0+734 at LHS -up to 1.2 m high from Sta.A 0+744 to Sta.A 0+754 and from Sta.A 0+764 to Sta.A 0+774 at LHS-TC-14/567/B	NHT	07/10/14	08/09/14	07/22/14	12	A
	TEST-13-00015-NHT-128-A	Test report for seven days of concrete cube compressive strength : -For retaining wall from Sta.A 0+574 to Sta.A 0+600 at LHS and from Sta.A 0+960 to Sta.A 0+970 at RHS -For stem of retaining wall from Sta.A 0+930 to Sta.A 0+940 at RHS -For stone wall protection up to 1.2 m high from Sta.A 0+796 to Sta.A 0+806 at LHS-TC-14/686/A	NHT	07/10/14	08/09/14	07/23/14	13	A
	TEST-13-00015-NHT-129-A	Test report for seven days of concrete cube compressive strength for stone wall protection : -up to 2.40 m high from Sta.A0+734 to Sta.A 0+744 and from Sta.A0+781 to Sta.A0+796 at LHS -up to 60 cm high from Sta.A 0+796 to Sta.A 0+806 and from Sta.A 0+806 to Sta.A 0+816 at LHS-TC-14/669/A	NHT	07/13/14	08/12/14	07/23/14	10	A
	TEST-13-00015-NHT-130-A	Test report for (28 days) of concrete cube compressive strength : -For foundation of box culvert at Sta.A 0+590 -For foundation of retaining wall from Sta.A 0+574 to Sta.A 0+614 at LHS -For stone wall protection up to 2.4 m high from Sta.A 0+754 to Sta.A 0+764 at LHS-TC-14/598/B	NHT	07/13/14	08/12/14	07/23/14	10	A
	TEST-13-00015-NHT-131-A	Test report for (28 days) of concrete cube compressive strength of stone wall protection: - up to 1.2 m high from Sta.A 0+734 to Sta.A 0+744 at LHS -up to 1.8 m high from 0+714 to Sta.A 0+717 at LHS - up to 60 cm high from Sta.A 0+781 to Sta.A 0+790 at LHS -TC-14/627/B	NHT	07/13/14	08/12/14	07/23/14	10	A
	TEST-13-00015-NHT-132-A	Test report of field density and degree of compaction for subgrade material from Sta.A 3+620 to Sta.A 3+740 at RHS at Sta.A 3+700 and Sta.A 3+640-TFD/14-290	NHT	07/13/14	08/12/14	07/23/14	10	A

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	TEST-13-00015-NHT-133-A	Test report for seven days of concrete compressive strength: - For roof slab of box culvert at Sta.A 0+950 -For retaining wall from Sta.A 0+930 to Sta.A 0+967 at LHS -For stone wall protection up to 2.40 m high from Sta.A 0+806 to Sta.A 0+816, up to 60 cm high from Sta.A 0+835 to Sta.A 0+845 and from Sta.A 0+855 to Sta.A 0+866 at LHS-TC-14/688/A	NHT	07/14/14	08/13/14	07/23/14	9	E
	TEST-13-00015-NHT-134-A	Test report for (28days) of concrete compressive strength for stone wall protection : -up to 1.2 m high from Sta.A 0+754 to Sta.A 0+764 at LHS -up to 4.2 m high from Sta.A 0+714 to Sta.A 0+734 at LHS-TC-14/586/B	NHT	7/14/2014	8/13/2014	07/23/14	9	A
	TEST-13-00015-NHT-135-A	Test report for (28 days) of concrete cube compressive strength of Stone Wall protection: - up to 3.0 m high from Sta.A 0+744 to Sta.A 0+754 at LHS -up to 1.8 m high from Sta.A 0+754 to Sta.A 0+764 at LHS-TC-14/597/B	NHT	07/14/14	08/13/14	07/23/14	9	A
	TEST-13-00015-NHT-136-A	Test report for (28 days) of concrete cube compressive strength for stone wall protection: -up to 1.8 m high from Sta.A 0+494 to Sta.A 0+504 at LHS -up to 2.4 m high from Sta.A 0+534 to Sta.A 0+544 and from Sta.A 0+554 to Sta.A 0+564 at LHS, up to 3 m high from Sta.A 0+514 to Sta.A 0+524 at LHS, from Sta.A 0+614 to Sta.A 0+624 and from Sta.A 0+634 to Sta.A 0+644 at LHS -up to 1.2 m high from Sta.A 0+674 to Sta.A 0+684 at LHS-TC-14/506/B	NHT	07/16/14	08/15/14	07/23/14	7	A
	TEST-13-00015-NHT-137-A	Test report for (28 days) of concrete cube compressive strength: - For box culvert At Sta.A 0+591.60 -For stone wall protection up to 2.4 m high from Sta.A 0+714 to Sta.A 0+717 at LHS and up to 1.2 m high from Sta.A 0+774 to Sta.A 0+781 at LHS-TC-14/628/B	NHT	07/16/14	08/15/14	07/23/14	7	A
	TEST-13-00015-NHT-138-A	Test report for (28 days) of concrete compressive strength for stone wall protection : -up to 1.2 m high from Sta.A 0+754 to Sta.A 0+764 at LHS -up to 4.2 m high from Sta.A 0+714 to Sta.A 0+734 at LHS-TC-14/586/B	NHT	07/16/14	08/15/14	07/23/14	7	E

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	TEST-13-00015-NHT-139-A	Test report for (28 days) of concrete cube compressive strength for Stone Wall Protection : - up to 1.8 m high from Sta.A 0+774 to Sta.A 0+781 at LHS -up to 1.2 m high from Sta.A 0+781 to Sta.A 0+796 at LHS-TC-14/630/B	NHT	07/16/14	08/15/14	07/23/14	7	A
	TEST-13-00015-NHT-140-A	Test report for (28 days) of concrete cube compressive strength for foundation of Box Culvert and Retaining Wall Box Culvert at Sta.A 0+950 & Retaining Wall from Sta.A 0+930 to Sta.A 0+970 at RHS-TC-14/629/B	NHT	07/16/14	08/15/14	07/23/14	7	A
	TEST-13-00015-NHT-141-A	Test report for seven days of concrete cube compressive strength for stone wall protection : -up to 2.40 m high from Sta.A0+734 to Sta.A 0+744 and from Sta.A0+781 to Sta.A0+796 at LHS -up to 60 cm high from Sta.A 0+796 to Sta.A 0+806 and from Sta.A 0+806 to Sta.A 0+816 at LHS-TC-14/669/A	NHT	07/16/14	08/15/14	07/23/14	7	E
	TEST-13-00015-NHT-142-A	Test report for seven days of concrete cube compressive strength retaining wall from Sta.A 0+575 to Sta.A 0+585 at RHS-TC-14/713/A	NHT	07/16/14	08/15/14	07/23/14	7	A
	TEST-13-00015-NHT-143-A	Test report for(28 days) of concrete cube compressive strength for Stone Wall Protection : - up to 2.4 m high from Sta.A 0+774 to Sta.A 0+781 at LHS -up to 1.8 m high from Sta.A 0+734 to Sta.A 0+744 and from Sta.A 0+781 to Sta.A 0+796 at LHS-TC-14/631/B	NHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00015-NHT-144-A	Test report for(28 days) of concrete cube compressive strength for stone wall protection : -up to 2.40 m high from Sta.A0+734 to Sta.A 0+744 and from Sta.A0+781 to Sta.A0+796 at LHS -up to 60 cm high from Sta.A 0+796 to Sta.A 0+806 and from Sta.A 0+806 to Sta.A 0+816 at LHS-TC-14/669/B	NHT	07/22/14	08/21/14	08/03/14	12	A
	TEST-13-00015-NHT-145-A	Test report for (28 days) of concrete cube compressive strength of stone wall protection : -up to 60 cm high from Sta.A 0+734 to Sta.A 0+744 -up to 1.2 m high from Sta.A 0+714 to Sta.A 0+717 at LHS-TC-14/626/B	NHT	07/22/14	08/21/14	08/03/14	12	A
	TEST-13-00015-NHT-146-A	Test report for(28 days)of concrete cube compressive strength for Roof of Box Culvert at Sta.A 0+591.60-TC-14/668/B	NHT	07/22/14	08/21/14	08/03/14	12	A
	TEST-13-00015-NHT-147-A	Test report of sieve analysis for single size and bedding materials from Sta.A 0+080 to Sta.A 0+400 at Sta.A 0+150-TA/14/028.	NHT	07/22/14	08/21/14	08/03/14	12	A

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	TEST-13-00015-NHT-148-A	Test report for field density and degree of compaction for subgrade of road from Sta.A 0+740 to Sta.A 0+840 at Sta.A 0+760 at RHS and at Sta.A 0+820 at C.L-TFD/14-312.	NHT	07/22/14	08/21/14	08/03/14	12	A
	TEST-13-00015-NHT-149-A	Test report of modified proctor for subgrade of road from Sta.A 0+740 to Sta.A 0+840-TB/14-238	NHT	07/22/14	08/21/14	08/03/14	12	A
	TEST-13-00015-NHT-150-A	Test report for radiographic examination interpretation report No. 8138776/14(Negative Films).	NHT	07/13/14	08/12/14	08/03/14	21	C
	TEST-13-00015-NHT-150-B	Test report for radiographic examination interpretation report No. 8138776/14(Negative Films).	NHT	08/20/14	09/19/14	08/27/14	7	C
	TEST-13-00015-NHT-151-A	Test report for seven days of concrete cube compressive strength for : -Stem of retaining wall from Sta.A 0+940 to Sta.A 0+950 and from Sta.A 0+950 to Sta.A 0+960 at RHS. - Stone wall protection up to 1.2 m high form Sta.A 0+836 to Sta.A 0+846 and from Sta.A 0+856 to Sta.A 0+868 at LHS.TC-14/712/A	NHT	07/23/14	08/22/14	08/05/14	13	A
	TEST-13-00015-NHT-152-A	Test report of modified proctor compaction for backfilling around box culvert at Sta.A 0+590, from Sta.A 0+574 to Sta.A 0+614 and Sta.A 0+600 – TB/14-234	NHT	07/23/14	08/22/14	08/05/14	13	A
	TEST-13-00015-NHT-153-A	Test report of field density and degree of compaction for first layer of backfilling material around box culvert at Sta.A 0+590, from Sta.A 0+574 to Sta.A 0+614 at Sta.A 0+600- TFD/14-305.	NHT	07/23/14	08/22/14	08/05/14	13	A
	TEST-13-00015-NHT-154-A	Test report of field density and degree of compaction for second layer of backfilling material around box culvert at Sta.A 0+590, from Sta.A 0+574 to Sta.A 0+614 at Sta.A 0+600-TFD/14-309.	NHT	07/23/14	08/22/14	08/04/14	12	A
	TEST-13-00015-NHT-155-A	Test report of field density and degree of compaction for third layer of backfilling material around box culvert at Sta.A 0+590, from Sta.A 0+574 to Sta.A 0+614 at Sta.A 0+600-TFD/14-313.	NHT	07/23/14	08/22/14	08/05/14	13	A
	TEST-13-00015-NHT-156-A	Test report of field density and degree of compaction for first layer of base course material from Sta.A 3+620 to Sta.A 3+740 at Sta.A 3+720 and Sta.A 3+640 at RHS- TFD/14-306.	NHT	08/05/14	09/04/14	08/07/14	2	A
	TEST-13-00015-NHT-157-A	Test report of field density and degree of compaction for first layer of base course material from Sta.A 3+740 to Sta.A 3+820 at Sta.A 3+780 - TFD/14-284.	NHT	08/05/14	09/04/14	08/07/14	2	A
	TEST-13-00015-NHT-158-A	Test report of field density and degree of compaction for first layer of backfilling from Sta.A 0+930 to Sta.A 0+970 at Sta.A 0+951 - TFD/14-315.	NHT	08/05/14	09/04/14	08/10/14	5	A
	TEST-13-00015-NHT-159-A	Test report of field density and degree of compaction for second layer of backfilling from Sta.A 0+930 to Sta.A 0+970 at Sta.A 0+960 at centre line-TFD/14-326.	NHT	08/05/14	09/04/14	08/10/14	5	A

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	TEST-13-00015-NHT-160-A	Test report of field density and degree of compaction for third layer of backfilling from Sta.A 0+930 to Sta.A 0+970 at Sta.A 0+950 at centre line-TFD/14-330.	NHT	08/05/14	09/04/14	08/10/14	5	A
	TEST-13-00015-NHT-161-A	Test report of field density and degree of compaction for subgrade of road from Sta.A 0+640 to Sta.A 0+740 at Sta.A 0+720 at RHS- TFD/14-325.	NHT	08/05/14	09/04/14	08/10/14	5	A
	TEST-13-00015-NHT-162-A	Test report of modified proctor for first layer of backfilling around box culvert at Sta.A 0+951 from Sta.A 0+930 to Sta.A 0+970 TB/14-239.	NHT	08/05/14	09/04/14	08/10/14	5	A
	TEST-13-00015-NHT-163-A	Test report for(28 days) of concrete compressive strength for stone wall protection: -up to 1.8 m high from Sta.A 0+796 to Sta.A 0+806 -up to 1.2 m high from Sta.A 0+806 to Sta.A 0+816 at LHS-TC-14/687/B.	NHT	08/05/14	09/04/14	08/10/14	5	A
	TEST-13-00015-NHT-164-A	Test report for seven days of concrete compressive strength for stone wall protection: -up to 1.2 m high from Sta.A 0+826 to Sta.A 0+836 and from Sta.A 0+868 to Sta.A 0+878 at LHS -up to 60 cm high from Sta.A 0+846 to Sta.A 0+856 at LHS -up to 1.8 high from Sta.A 0+878 to Sta.A 0+888 at LHS-TC-14/725/A.	NHT	08/05/14	09/04/14	08/10/14	5	A
	TEST-13-00015-NHT-165-A	Test report for seven days of concrete compressive strength for foundation of retaining wall from Sta.A 0+888 to Sta.A 0+930 at LHS-TC-14/753/A	NHT	08/05/14	09/04/14	08/07/14	2	A
	TEST-13-00015-NHT-166-A	Test report for seven days of concrete compressive strength for stone wall protection: -up to 60 cm high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS- TC-14/754/A	NHT	08/05/14	09/04/14	08/07/14	2	A
	TEST-13-00015-NHT-167-A	Test report for seven days of concrete compressive strength for stone wall protection: -up to 1.2 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS- TC-14/755/A.	NHT	08/05/14	09/04/14	08/07/14	2	A
	TEST-13-00015-NHT-168-A	Test report for seven days of concrete compressive strength for stone wall protection: -up to 1.8 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS- TC-14/756/A.	NHT	08/05/14	09/04/14	08/10/14	5	A
	TEST-13-00015-NHT-169-A	Test report of field density and degree of compaction for fourth layer of backfilling from Sta.A 0+574 to Sta.A 0+614 at Sta.A 0+590-TFD/14-316	NHT	08/10/14	09/09/14	08/13/14	3	A

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	TEST-13-00015-NHT-170-A	Test report of modified proctor for subgrade material from Sta.A 0+120 to Sta.A 0+400-TB/14-248	NHT	08/10/14	09/09/14	08/13/14	3	A
	TEST-13-00015-NHT-171-A	Test report for field density and degree of compaction for subgrade of road from Sta.A 0+120 to Sta.A 0+400 at Sta.A 0+150, Sta.A 0+250 at LHS and at Sta.A 0+350 at RHS-TFD/14-336.	NHT	08/10/14	09/09/14	08/13/14	3	A
	TEST-13-00015-NHT-172-A	Test report for soil classification and modified proctor of backfilling material around box culvert at Sta.A 0+930-TB/14-247.	NHT	08/10/14	09/09/14	08/13/14	3	A
	TEST-13-00015-NHT-173-A	Test report for soil classification and modified proctor of backfilling material around box culvert at Sta.A 0+590-TB/14-246.	NHT	08/10/14	09/09/14	08/13/14	3	A
	TEST-13-00015-NHT-174-A	Test report for (28 days) of concrete cube compressive strength : -For retaining wall from Sta.A 0+574 to Sta.A 0+600 at LHS and from Sta.A 0+960 to Sta.A 0+970 at RHS -For stem of retaining wall from Sta.A 0+930 to Sta.A 0+940 at RHS -For stone wall protection up to 1.2 m high from Sta.A 0+796 to Sta.A 0+806 at LHS-TC-14/686/B	NHT	08/10/14	09/09/14	08/12/14	2	A
	TEST-13-00015-NHT-175-A	Test report for (28 days) of concrete compressive strength: - For roof slab of box culvert at Sta.A 0+950 -For retaining wall from Sta.A 0+930 to Sta.A 0+967 at LHS -For stone wall protection up to 2.40 m high from Sta.A 0+806 to Sta.A 0+816, up to 60 cm high from Sta.A 0+835 to Sta.A 0+845 and from Sta.A 0+855 to Sta.A 0+866 at LHS-TC-14/688/B	NHT	08/10/14	09/09/14	08/12/14	2	A
	TEST-13-00015-NHT-176-A	Test report for (28 days) of concrete cube compressive strength for : -Stem of retaining wall from Sta.A 0+940 to Sta.A 0+950 and from Sta.A 0+950 to Sta.A 0+960 at RHS. - Stone wall protection up to 1.2 m high form Sta.A 0+836 to Sta.A 0+846 and from Sta.A 0+856 to Sta.A 0+868 at LHS.TC-14/712/B	NHT	08/10/14	09/09/14	08/12/14	2	A
	TEST-13-00015-NHT-177-A	Test report for(28 days) of concrete cube compressive strength retaining wall from Sta.A 0+575 to Sta.A 0+585 at RHS-TC-14/713/B	NHT	08/10/14	09/09/14	08/12/14	2	A
	TEST-13-00015-NHT-178-A	Test report of field density and degree of compaction for subgrade of road from Sta.A 0+400 to Sta.A 0+500 at Sta.A 0+460 at LHS- TFD/14-339.	NHT	08/10/14	09/09/14	08/13/14	3	A

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	TEST-13-00015-NHT-179-A	Test report for (28 days) of concrete cube compressive strength for stone wall protection : - Up to 1.8 m high from Sta.A 0+836 to Sta.A 0+846 and Sta.A 0+856 to Sta.A 0+866 at LHS. - Up to 0.6 m high from Sta.A 0+876 to Sta.A 0+886 at LHS. - For stem of retaining wall from Sta.A 0+930 to Sta.A 0+967 at LHS-TC-14/715/B.	NHT	08/10/14	09/09/14	08/12/14	2	A
	TEST-13-00015-NHT-180-A	Test report of field density and degree of compaction for fourth layer of backfilling from Sta.A 0+930 to Sta.A 0+970 at Sta.A 0+950 TFD/14-332.	NHT	08/11/14	09/10/14	08/13/14	2	A
	TEST-13-00015-NHT-181-A	Test report of field density and degree of compaction for fifth layer of backfilling from Sta.A 0+930 to Sta.A 0+970 at Sta.A 0+950 TFD/14-335.	NHT	08/11/14	09/10/14	08/13/14	2	A
	TEST-13-00015-NHT-182-A	Comprehensive test report of topping materials from Sta.A 2+460 to Sta.A 3+100-TB/14-249.	NHT	08/11/14	09/10/14	08/13/14	2	A
	TEST-13-00015-NHT-183-A	Test report for (28 days) of concrete cube compressive strength for Stone Wall Protection : - up to 3 m high from Sta.A 0+734 to Sta.A 0+744 and from Sta.A 0+781 to Sta.A 0+796 at LHS - for Retaining Wall from Sta.A 0+600 to Sta.A 0+614 at LHS-TC-14/670/B.	NHT	08/11/14	09/10/14	08/13/14	2	A
	TEST-13-00015-NHT-184-A	Test report for seven days of concrete cube compressive strength for Stone Wall Protection : -Up to 2.4 m high from Sta.A 0+878 to Sta.A 0+888 at LHS. -Up to 1.8 m high from Sta.A 0+868 to Sta.A 0+878 and from Sta.A 0+826 to Sta.A 836 at LHS. -Up to 1.2 m high from Sta.A 0+846 to Sta.A 0+856 at LHS-TC-14/726/A.	NHT	08/11/14	09/10/14	08/13/14	2	A
	TEST-13-00015-NHT-185-A	Test report for seven days of concrete cube compressive strength for Stone Wall Protection : -up to 3.6 m high from Sta.A 0+878 to Sta.A 0+888 at LHS-TC-14/727/A.	NHT	08/11/14	09/10/14	08/13/14	2	A

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	TEST-13-00015-NHT-186-A	Test report for seven days of concrete cube compressive strength for Stone Wall Protection : -Up to 2.4 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS-TC-14/765/A.	NHT	08/11/14	09/10/14	08/13/14	2	A
	TEST-13-00015-NHT-187-A	Test report of field density and degree of compaction for subgrade of road from Sta.A 0+500 to Sta.A 0+640 at Sta.A 0+540 at LHS and at Sta.A 0+600 at RHS-TFD/14-341.	NHT	08/12/14	09/11/14	08/13/14	1	A
	TEST-13-00015-NHT-188-A	Test report of modified proctor for subgrade material from Sta.A 0+500 to Sta.A 0+640-TB/14-252.	NHT	08/12/14	09/11/14	08/13/14	1	A
	TEST-13-00015-NHT-189-A	Test report for (28 days) of concrete compressive strength for stone wall protection: -up to 1.2 m high from Sta.A 0+826 to Sta.A 0+836 and from Sta.A 0+868 to Sta.A 0+878 at LHS -up to 60 cm high from Sta.A 0+846 to Sta.A 0+856 at LHS -up to 1.8 high from Sta.A 0+878 to Sta.A 0+888 at LHS-TC-14/725/B.	NHT	08/13/14	09/12/14	08/17/14	4	A
	TEST-13-00015-NHT-190-A	Test report for reinforcement steel bars at Sta.A 1+360 from retaining wall at LHS-BM/STL/14038.	NHT	08/13/14	09/12/14	08/18/14	5	A
	TEST-13-00015-NHT-191-A	Test report for single size and bedding material from Sta.A 2+200 to Sta.A 2+700 at Sta.A 2+400-TA/14/029.	NHT	08/13/14	09/12/14	08/17/14	4	A
	TEST-13-00015-NHT-192-A	Test report of soil classification for subgrade of road from Sta.B 0+200 to Sta.B 0+400 at LHS-TB/14-251.	NHT	08/13/14	09/12/14	08/17/14	4	A
	TEST-13-00015-NHT-193-A	Test report for(28 days) of concrete cube compressive strength for Stone Wall Protection : -Up to 2.4 m high from Sta.A 0+878 to Sta.A 0+888 at LHS. -Up to 1.8 m high from Sta.A 0+868 to Sta.A 0+878 and from Sta.A 0+826 to Sta.A 836 at LHS. -Up to 1.2 m high from Sta.A 0+846 to Sta.A 0+856 at LHS-TC-14/726/B.	NHT	08/17/14	09/16/14	08/18/14	1	A
	TEST-13-00015-NHT-194-A	Test report for seven days of concrete cube compressive strength: -for stem of retaining wall from Sta.A 0+888 to Sta.A 0+909 and from Sta.A 0+919 to Sta.A 0+930 at LHS. -for stone wall protection up to 3 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS-TC-14/766/A.	NHT	08/17/14	09/16/14	08/18/14	1	A

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	TEST-13-00015-NHT-195-A	Test report for seven days of concrete cube compressive strength: -For stone wall protection up to 3.6 m high from Sta.A 1+383 to Sta.A 1+410 at LHS. -Blinding concrete under foundation of retaining from Sta.A 1+310 to Sta.A 1+350 at LHS-TC-14/767/A.	NHT	08/17/14	09/16/14	08/18/14	1	A
	TEST-13-00015-NHT-196-A	Test report for seven days of concrete cube compressive strength: -for stone wall protection up to 60 cm high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS-TC-14/769/A.	NHT	8/17/2014	09/16/14	8/18/2014	1	A
	TEST-13-00015-NHT-197-A	Test report for (28 days) of concrete cube compressive strength for Stone Wall Protection : -up to 3.6 m high from Sta.A 0+878 to Sta.A 0+888 at LHS-TC-14/727/B.	NHT	08/20/14	09/19/14	8/25/2014	5	A
	TEST-13-00015-NHT-198-A	Test report for (28 days) of concrete compressive strength for foundation of retaining wall from Sta.A 0+888 to Sta.A 0+930 at LHS-TC-14/753/B.	NHT	08/20/14	09/19/14	8/25/2014	5	A
	TEST-13-00015-NHT-199-A	Test report for seven days of concrete compressive strength for : -Stem of retaining wall from Sta.A 0+909 to Sta.A 0+919. -Stone wall protection up to 1.2 m high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS-TC-14/785/A.	NHT	08/20/14	09/19/14	8/25/2014	5	A
	TEST-13-00015-NHT-200-A	Test report of filed density and degree of compaction for first layer of base course for road from Sta.A 0+740 to Sta.A 0+840 at Sta.A 0+760 at LHS and Sta.A 0+820 at RHS-TFD/14-340.	NHT	08/20/14	09/19/14	8/25/2014	5	A
	TEST-13-00015-NHT-201-A	Test report of filed density and degree of compaction for first layer of base course for road from Sta.A 0+640 to Sta.A 0+740 at Sta.A 0+660 at RHS and Sta.A 0+700 at LHS-TFD/14-346.	NHT	08/20/14	09/19/14	8/25/2014	5	A
	TEST-13-00015-NHT-202-A	Comprehensive report test for first base course layer from Sta.A 0+500 to Sta.A 1+000 at Sta.A 0+800-TB/14-245.	NHT	08/20/14	09/19/14	8/25/2014	5	A
	TEST-13-00015-NHT-203-A	Comprehensive report test for first base course layer from Sta.A 0+120 to Sta.A 0+500 at Sta.A 0+310-TB/14-250.	NHT	08/20/14	09/19/14	8/25/2014	5	A
	TEST-13-00015-NHT-204-A	Test report for (28 days)of concrete compressive strength for stone wall protection: -up to 60 cm high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS- TC-14/754/B.	NHT	08/23/14	09/22/14	8/31/2014	8	A

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	TEST-13-00015-NHT-205-A	Test report for (28 days) of concrete compressive strength for stone wall protection: -up to 1.2 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS- TC-14/755/B.	NHT	08/23/14	09/22/14	8/31/2014	8	A
	TEST-13-00015-NHT-206-A	Test report for seven days of concrete compressive strength : -For stone wall protection up to 1.8 m high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS. -For retaining wall's foundation from Sta.A 1+310 to Sta.A 1+350 TC-14/786/A.	NHT	08/23/14	09/22/14	8/31/2014	8	A
	TEST-13-00015-NHT-207-A	Test report for seven days of concrete compressive strength : -For retaining wall's stem from Sta.A 1+310 to Sta.A 1+323 and from Sta.A 1+330 to Sta.A 1+350 TC-14/789/A.	NHT	08/23/14	09/22/14	8/31/2014	8	A
	TEST-13-00015-NHT-208-A	Comprehensive test report of second base course layer from Sta.A 3+300 to Sta.A 4+300 at Sta.A 3+900 at RHS-TB/14-256.	NHT	08/23/14	09/22/14	8/27/2014	4	A
	TEST-13-00015-NHT-209-A	Comprehensive test report of first base course layer from Sta.A 3+300 to Sta.A 4+300 at Sta.A 3+700 at RHS-TB/14-257.	NHT	08/23/14	09/22/14	8/27/2014	4	A
	TEST-13-00015-NHT-210-A	Comprehensive test report of second base course layer from Sta.A 4+300 to Sta.A5+300 at Sta.A 4+980 at RHS-TB/14-259.	NHT	08/23/14	09/22/14	8/27/2014	4	A
	TEST-13-00015-NHT-211-A	Comprehensive test report of first base course layer from Sta.A 4+300 to Sta.A5+300 at Sta.A 4+910 at RHS-TB/14-258.	NHT	08/23/14	09/22/14	8/25/2014	2	A
	TEST-13-00015-NHT-212-A	Test report of field density and degree of compaction for first base course layer of road from Sta.A 5+600 to Sta.A 5+700 at Sta.A 5+650 at RHS-TFD/14-365.	NHT	08/23/14	09/22/14	8/25/2014	2	A
	TEST-13-00015-NHT-213-A	Test report of field density and degree of compaction for third layer of backfilling behind retaining wall from Sta.A 0+883 to Sta.A 0+930 at Sta.A 0+910 at LHS-TFD/14-349.	NHT	08/23/14	09/22/14	8/27/2014	4	A
	TEST-13-00015-NHT-214-A	Test report of field density and degree of compaction for second layer of backfilling behind retaining wall from Sta.A 0+883 to Sta.A 0+930 at Sta.A 0+910 at LHS-TFD/14-352.	NHT	08/23/14	09/22/14	8/27/2014	4	A
	TEST-13-00015-NHT-215-A	Test report of field density and degree of compaction for first layer of backfilling behind retaining wall from Sta.A 0+883 to Sta.A 0+930 at Sta.A 0+910 at LHS-TFD/14-345.	NHT	08/23/14	09/22/14	8/27/2014	4	A
	TEST-13-00015-NHT-216-A	Test report of modified proctor of backfilling material behind retaining wall from Sta.A 0+883 to Sta.A 0+930 at LHS-TB/14-255.	NHT	08/23/14	09/22/14	8/27/2014	4	A
	TEST-13-00015-NHT-217-A	Test report of field density and degree of compaction for first base course layer of trench reinstatement from Sta.A 4+750 to Sta.A 4+900 at Sta.A 4+800 and Sta.A 4+880 at RHS-TFD/14-354.	NHT	08/23/14	09/22/14	8/25/2014	2	A

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	TEST-13-00015-NHT-218-A	Test report of field density and degree of compaction for first base course layer of trench reinstatement from Sta.A 5+180 to Sta.A 5+340 at Sta.A 5+280 and Sta.A 5+200 at RHS-TFD/14-359.	NHT	08/23/14	09/22/14	8/25/2014	2	A
	TEST-13-00015-NHT-219-A	Test report of field density and degree of compaction for first base course layer of trench reinstatement from Sta.A 5+180 to Sta.A 5+000 at Sta.A 5+040 at RHS-TFD/14-362.	NHT	08/23/14	09/22/14	8/25/2014	2	A
	TEST-13-00015-NHT-220-A	Test report of field density and degree of compaction for first base course layer of road from Sta.A 0+220 to Sta.A 0+400 at Sta.A 0+260 at RHS , Sta.A 0+300 at LHS , Sta.A 0+340 at center line and Sta.A 0+380 at RHS-TFD/14-360. -Retest report of field density and degree of compaction for first base course layer of road from Sta.A 0+220 to Sta.A 0+400 at Sta.A 0+260 at RHS , Sta.A 0+300 at LHS , Sta.A 0+340 at center line and Sta.A 0+380 at RHS-TFD/14-366.	NHT	08/24/14	09/23/14	8/27/2014	3	A
	TEST-13-00015-NHT-221-A	Test report of field density and degree of compaction for first base course layer of road from Sta.A 0+120 to Sta.A 0+220 at Sta.A 0+140 at RHS and Sta.A 0+200 at LHS -TFD/14-356. -Retest report of field density and degree of compaction for first base course layer of road from Sta.A 0+120 to Sta.A 0+220 at Sta.A 0+140 at RHS and Sta.A 0+200 at LHS -TFD/14-367.	NHT	08/24/14	09/23/14	8/27/2014	3	A
	TEST-13-00015-NHT-222-A	Test report of sieve analysis for single size and bedding materials from Sta.A 3+500 to 4+000 at Sta.A 3+600 at RHS-TA/14/030.	NHT	08/24/14	09/23/14	8/31/2014	7	A
	TEST-13-00015-NHT-223-A	Test report of field density and degree of compaction for first base course layer of trench reinstatement from Sta.A 4+900 to Sta.A 5+000 at Sta.A 4+940 at RHS-TFD/14-350.	NHT	08/24/14	09/23/14	8/25/2014	1	A
	TEST-13-00015-NHT-224-A	Test report of field density and degree of compaction for first base course layer of road from Sta.A 0+400 to Sta.A 0+640 at Sta.A 0+420 at RHS, Sta.A 0+460 at center line, Sta.A 0+500 at LHS , Sta.A 0+560 at RHS and Sta. A0+600 at center line-TFD/14-361.	NHT	08/24/14	09/23/14	8/27/2014	3	C
	TEST-13-00015-NHT-224-B	Re-test report of field density and degree of compaction for first base course layer of road from Sta.A 0+400 to Sta.A 0+640 at Sta.A 0+560 at RHS and Sta.A 0+600 at C.L-TFD/14-372.	NHT	08/28/14	09/27/14	9/2/2014	5	A
	TEST-13-00015-NHT-225-A	Test report of field density and degree of compaction for topping material from Sta.A 2+460 to Sta.A 3+100 at Sta.A 2+500 at LHS, Sta.A 2+600 at center line, Sta.A 2+700 at RHS, Sta.A 2+800 at center line , Sta.A 2+900 at LHS and Sta.A 3+000 at RHS-TFD/14-353.	NHT	08/24/14	09/23/14	8/28/2014	4	A

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	TEST-13-00015-NHT-226-A	Test report for radiographic examination interpretation report No. 8138967/14 with (negative film). Attachment: comments on report by certified welder inspector : Aron Luke.	NHT	08/24/14	09/23/14	8/31/2014	7	C
	TEST-13-00015-NHT-226-B	Test report for radiographic examination interpretation report No. 8138967/14 with (negative film) With remedial action plan.	NHT	09/16/14	10/16/14	9/25/2014	9	A
	TEST-13-00015-NHT-227-A	Test report for (28 days) of concrete compressive strength for stone wall protection: -up to 1.8 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS- TC-14/756/B.	NHT	08/27/14	09/26/14	8/31/2014	4	A
	TEST-13-00015-NHT-228-A	Test report for seven days of concrete compressive strength for retaining wall's foundation from Sta.A 1+383 to Sta.A 1+360 at LHS-TC-14/792/A	NHT	08/27/14	09/26/14	8/31/2014	4	A
	TEST-13-00015-NHT-229-A	Test report for seven days of concrete compressive strength for retaining wall's stem from Sta.A 1+323 to Sta.A 1+330 at LHS-TC-14/797/A.	NHT	08/27/14	09/26/14	8/31/2014	4	A
	TEST-13-00015-NHT-230-A	Test report for seven days of concrete compressive strength for retaining wall's foundation from Sta.A 1+290 to Sta.A 1+310 at LHS-TC-14/803/A.	NHT	08/27/14	09/26/14	8/31/2014	4	A
	TEST-13-00015-NHT-231-A	Test report for seven days of concrete compressive strength for retaining wall's stem from Sta.A 1+360 to Sta.A 1+383 at LHS-TC-14/808/A.	NHT	08/27/14	09/26/14	8/31/2014	4	A
	TEST-13-00015-NHT-232-A	Test report of field density and degree of compaction for first base course layer from Sta.A 5+400 to Sta.A 5+600 at Sta.A 5+550 and Sta.A 5+420 at RHS-TFD/14-371	NHT	8/28/2014	09/27/14	9/2/2014	5	A
	TEST-13-00015-NHT-233-A	Test report of field density and degree of compaction for subgrade of road from Sta.A 1+020 to Sta.A 1+160 at Sta.A 1+040 at C.L and Sta.A 1+130 at RHS-TFD/14-374	NHT	8/28/2014	09/27/14	9/2/2014	5	A
	TEST-13-00015-NHT-234-A	Test report of field density and degree of compaction for subgrade of road widening from Sta.A 3+400 to Sta.A 3+500 at Sta.A 3+460 at RHS-TFD/14-373.	NHT	8/28/2014	09/27/14	9/2/2014	5	A
	TEST-13-00015-NHT-235-A	Test report of field density and degree of compaction for first base course layer of road widening from Sta.A 3+540 to Sta.A 3+620 at Sta.A 3+590 at RHS-TFD/14-370	NHT	8/28/2014	09/27/14	9/2/2014	5	A
	TEST-13-00015-NHT-236-A	Comprehensive test report for second base course layer from Sta.A 0+500 to Sta.A 1+000 at Sta.A 0+840-TB/14-260.	NHT	8/28/2014	09/27/14	9/3/2014	6	A
	TEST-13-00015-NHT-237-A	Test report of sieve analysis for bedding and single size material from Sta.B 0+500 to Sta.B 0+980 at Sta.B 0+600-TA/14/032.	NHT	8/28/2014	09/27/14	9/3/2014	6	A
	TEST-13-00015-NHT-238-A	Test report of sieve analysis for bedding and single size material from Sta.B 0+000 to Sta.B 0+500 at Sta.B 0+300-TA/14/031.	NHT	8/28/2014	09/27/14	9/3/2014	6	A
	TEST-13-00015-NHT-239-A	Test report of modified proctor for subgrade material of widening road from Sta.A 3+400 to Sta.A 3+500 at RHS-TB/14-268.	NHT	8/28/2014	09/27/14	9/3/2014	6	A

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	TEST-13-00015-NHT-240-A	Test report of modified proctor for subgrade material of road from Sta.A 1+020 to Sta.A 1+060 -TB/14-267	NHT	8/28/2014	09/27/14	9/3/2014	6	A
	TEST-13-00015-NHT-241-A	Test report for(28 days) of concrete cube compressive strength for Stone Wall Protection : -Up to 2.4 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS-TC-14/765/B.	NHT	9/4/2014	10/04/14	9/4/2014	0	A
	TEST-13-00015-NHT-242-A	Test report for(28 days) of concrete cube compressive strength: -For stem of retaining wall from Sta.A 0+888 to Sta.A 0+909 and from Sta.A 0+919 to Sta.A 0+930 at LHS. -For stone wall protection up to 3 m high from Sta.A 1+383 to Sta.A 1+410 and from Sta.A 1+420 to Sta.A 1+430 at LHS-TC-14/766/B.	NHT	9/4/2014	10/04/14	9/4/2014	0	A
	TEST-13-00015-NHT-243-A	Test report for (28 days) of concrete cube compressive strength: -For stone wall protection up to 3.6 m high from Sta.A 1+383 to Sta.A 1+410 at LHS. -Blinding concrete under foundation of retaining from Sta.A 1+310 to Sta.A 1+350 at LHS-TC-14/767/B.	NHT	9/4/2014	10/04/14	9/4/2014	0	A
	TEST-13-00015-NHT-244-A	Test report for seven days of concrete cube compressive strength: -For stem of retaining wall from Sta.A 1+290 to Sta.A 1+310 at LHS- TC-14/811/A.	NHT	9/4/2014	10/04/14	9/4/2014	0	A
	TEST-13-00015-NHT-245-A	Pressure test report for 2 inch water pipeline from Sta.A 2+940 to Sta.A 3+320 at RHS.	NHT	9/4/2014	10/04/14	9/7/2014	3	A
	TEST-13-00015-NHT-246-A	Test of field density and degree of compaction for subgrade material of road from Sta.B 0+400 to Sta.B 0+680 at Sta.B 0+440 RHS , Sta.B 0+500 CL, Sta.B 0+640 LHS and Sta.B 0+560 CL-TFD/14-378.	NHT	9/6/2014	10/06/14	9/10/2014	4	A
	TEST-13-00015-NHT-247-A	Test of field density and degree of compaction for first base course layer of trench reinstatement from Sta.A 4+380 to Sta.A 4+580 at Sta.A 4+480 RHS and Sta.A 4+580 LHS-TFD/14-347.	NHT	9/6/2014	10/06/14	9/9/2014	3	A
	TEST-13-00015-NHT-248-A	Test report of field density and degree of compaction for subgrade material of road widening from Sta.A 3+500 to Sta.A 3+620 at Sta. A 0+600 RHS –TFD/14-357.	NHT	9/6/2014	10/06/14	9/10/2014	4	C
	TEST-13-00015-NHT-248-B	Test report of field density and degree of compaction for subgrade material of road widening from Sta.A 3+500 to Sta.A 3+620 at Sta. A 3+600 RHS –TFD/14-357.	NHT	9/21/2014	10/21/14	9/23/2014	2	A
	TEST-13-00015-NHT-249-A	Test report of modified proctor for subgrade material of road from Sta.B 0+200 to Sta.B 0+400-TB/14-266.	NHT	9/6/2014	10/06/14	9/10/2014	4	A

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	TEST-13-00015-NHT-250-A	Test report of field density and degree of compaction for subgrade material of road from Sta.B 0+200 to Sta.B 0+400 at Sta.B 0+350 CL and Sta.B 0+250 RHS-TFD/14-377.	NHT	9/6/2014	10/06/14	9/10/2014	4	A
	TEST-13-00015-NHT-251-A	Test report of modified proctor for subgrade martial from Sta.A 0+840 to Sta.A 1+020-TB/14-276.	NHT	9/6/2014	10/06/14	9/9/2014	3	A
	TEST-13-00015-NHT-252-A	Test report of field density and degree of compaction for subgrade material of road from Sta.A 0+840 to Sta.A 1+020 at Sta.A 0+960 CL and Sta.A 0+900 LHS-TFD/14-380.	NHT	9/6/2014	10/06/14	9/9/2014	3	A
	TEST-13-00015-NHT-253-A	Test report of field density and degree of compaction for fifth layer of backfilling behind retaining wall from Sta.A 0+883 to Sta.A 0+930 LHS at LHS-TFD/14-364.	NHT	9/6/2014	10/06/14	9/9/2014	3	A
	TEST-13-00015-NHT-254-A	Test report of field density and degree of compaction for fourth layer of backfilling behind retaining wall from Sta.A 0+883 to Sta.A 0+930 LHS at LHS-TFD/14-355.	NHT	9/6/2014	10/06/14	9/10/2014	4	A
	TEST-13-00015-NHT-255-A	Comprehensive test report for base course material from Sta.A 2+800 to Sta.A 3+300-TB/14-263.	NHT	9/6/2014	10/06/14	9/9/2014	3	A
	TEST-13-00015-NHT-256-A	Comprehensive test report for base course material from Sta.A 2+300 to Sta.A 2+800-TB/14-264.	NHT	9/6/2014	10/06/14	9/9/2014	3	A
	TEST-13-00015-NHT-257-A	Test report for modified proctor and soil classification of subgrade material from Sta.B 0+400 to Sta.B 0+680-TB/14-272.	NHT	9/6/2014	10/06/14	9/10/2014	4	A
	TEST-13-00015-NHT-258-A	Test report of field density and degree of compaction for first base course of road widening from Sta.A 5+340 to Sta.A 5+400 at Sta.A 5+350 at RHS-TFD/14-384.	NHT	9/7/2014	10/07/14	9/9/2014	2	A
	TEST-13-00015-NHT-259-A	Comprehensive test report for first base course layer of road from Sta.B 0+000 to Sta.B 0+500-TB/14-273.	NHT	9/7/2014	10/07/14	9/9/2014	2	A
	TEST-13-00015-NHT-260-A	Comprehensive test report for second base course layer of road from Sta.B 0+000 to Sta.B 0+500-TB/14-274.	NHT	9/7/2014	10/07/14	9/9/2014	2	A
	TEST-13-00015-NHT-261-A	Test report of field density and degree of compaction for first bas course layer of road widening from Sta.A 3+400 to Sta.A 3+540 at Sta.A 3+460 to Sta.A 3+500 at RHS-TFD/14-383.	NHT	9/7/2014	10/07/14	9/9/2014	2	A
	TEST-13-00015-NHT-262-A	Test report for(28 days) of concrete cube compressive strength: -for stone wall protection up to 60 cm high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS-TC-14/769/B.	NHT	9/7/2014	10/07/14	9/9/2014	2	A
	TEST-13-00015-NHT-263-A	Pressure test for 2 inch pipeline from Sta.A 2+260 to Sta.A 2+940 (Segment A).	NHT	9/11/2014	10/11/14	9/17/2014	6	A

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	TEST-13-00015-NHT-264-A	Test report for (28 days) of concrete compressive strength for : -Stem of retaining wall from Sta.A 0+909 to Sta.A 0+919. -Stone wall protection up to 1.2 m high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS-TC-14/785/B.	NHT	9/14/2014	10/14/14	9/16/2014	2	A
	TEST-13-00015-NHT-265-A	Test report for (28 days) of concrete compressive strength : -For stone wall protection up to 1.8 m high from Sta.A 1+410 to Sta.A 1+415 and from Sta.A 1+430 to Sta.A 1+436 at LHS. -For retaining wall's foundation from Sta.A 1+310 to Sta.A 1+350 TC-14/786/B.	NHT	9/14/2014	10/14/14	9/16/2014	2	A
	TEST-13-00015-NHT-266-A	Test report for seven days of concrete compressive strength : -For Step barriers from Sta.A 0+139.4 to Sta.A 0+146.6 at RHS-TC-14/833/A	NHT	9/14/2014	10/14/14	9/17/2014	3	A
	TEST-13-00015-NHT-267-A	Test report for seven days of concrete compressive strength : -For Step barriers from Sta.A 0+125 to Sta.A 0+132.2, from Sta.A 0+153.8 to Sta.A 0+161 ,from Sta.A 0+168.2 to Sta.A 0+175.4 and from Sta.A 0+182.6 to Sta.A 0+189.8 at RHS. - For retaining wall's foundation of the inlet box culvert at Sta.A 1+350 at RHS-TC-14/836/A	NHT	9/14/2014	10/14/14	9/17/2014	3	A
	TEST-13-00015-NHT-268-A	Test report of filed density test and degree of compaction for first base course layer of road widening from Sta.A 3+820 to Sta.A 3+920 at Sta.A 3+860 at RHS-TFD/14-404.	NHT	9/14/2014	10/14/14	9/17/2014	3	A
	TEST-13-00015-NHT-269-A	Test report of filed density test and degree of compaction for second base course layer of road widening from Sta.A 3+400 to Sta.A 3+800 at Sta.A 3+460 , Sta.A 3+560, Sta.A 3+660 and Sta.A 3+760 at RHS-TFD/14-403.	NHT	9/14/2014	10/14/14	9/16/2014	2	C
	TEST-13-00015-NHT-269-B	Test report of filed density test and degree of compaction for second base course layer of road widening from Sta.A 3+400 to Sta.A 3+800 at Sta.A 3+760, Sta.A 3+560 at RHS-TFD/14-407.	NHT	9/21/2014	10/21/14	9/23/2014	2	A
	TEST-13-00015-NHT-270-A	Test report of filed density test and degree of compaction for base course layer of road from Sta.A 2+320 to Sta.A 3+100 at Sta.A 2+360 C.L, Sta.A 2+460 LHS, Sta.A 2+560 RHS, Sta.A 2+660 C.L , Sta.A 2+760 LHS, Sta.A 2+860 RHS, Sta.A 2+960 C.L and Sta.A 3+060 LHS -TFD/14-390.	NHT	9/14/2014	10/14/14	9/17/2014	3	A

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	TEST-13-00015-NHT-271-A	Test report of filed density test and degree of compaction for second base course layer of trench reinstatement from Sta.A 5+000 to Sta.A 5+700 at Sta.A 5+050, Sta.A 5+150, Sta.A 5+250, Sta.A 5+350, Sta.A 5+450, Sta.A 5+550 and Sta.A 5+650 at RHS-TFD/14-394.	NHT	9/14/2014	10/14/14	9/17/2014	3	A
	TEST-13-00015-NHT-272-A	Test report of filed density test and degree of compaction for first base course layer from Sta.A 4+060 to Sta.A 4+120 at Sta.A 4+080 at RHS-TFD/14-406.	NHT	9/14/2014	10/14/14	9/17/2014	3	A
	TEST-13-00015-NHT-273-A	Test report of filed density test and degree of compaction for second base course layer of trench reinstatement from Sta.A 3+800 to Sta.A 4+000 at Sta.A 3+860 and Sta.A 3+940 at RHS-TFD/14-405.	NHT	9/14/2014	10/14/14	9/16/2014	2	C
	TEST-13-00015-NHT-273-B	Test report of filed density test and degree of compaction for second base course layer of trench reinstatement from Sta.A 3+800 to Sta.A 4+000 at Sta.A 3+940 at RHS-TFD/14-417.	NHT	9/21/2014	10/21/14	9/23/2014	2	A
	TEST-13-00015-NHT-274-A	Test report of filed density test and degree of compaction for first base course layer of road from Sta.B 0+240 to Sta.B 0+360 at Sta.B 0+340 RHS and Sta.B 0+280 LHS-TFD/14-387.	NHT	9/14/2014	10/14/14	9/18/2014	4	A
	TEST-13-00015-NHT-275-A	Test report of filed density test and degree of compaction for subgrade layer of road from Sta.A 2+250 to Sta.A 2+320 at Sta.A 2+270 at C.L-TFD/14-399.	NHT	9/14/2014	10/14/14	9/18/2014	4	A
	TEST-13-00015-NHT-276-A	Pressure test for 3 inch pipeline and house connection from Sta.A 1+990 to Sta.A 2+250.	NHT	09/14/14	10/14/14	9/23/2014	9	C
	TEST-13-00015-NHT-277-A	Test report of soil classification and modified proctor for subgrade material of road from Sta.A 1+980 to Sta.A 2+250- TB/14-283.	NHT	09/14/14	10/14/14	9/17/2014	3	A
	TEST-13-00015-NHT-278-A	Test report of field density and degree of compaction for second base course layer of road widening from Sta.A 4+000 to Sta.A 4+200 at Sta.A 4+150 and Sta.A 4+050 at RHS-TFD/14-409.	NHT	9/15/2014	10/15/14	9/18/2014	3	A
	TEST-13-00015-NHT-279-A	Test report for (28 days) of concrete compressive strength : -For retaining wall's stem from Sta.A 1+310 to Sta.A 1+323 and from Sta.A 1+330 to Sta.A 1+350 TC-14/789/B.	NHT	9/15/2014	10/15/14	9/25/2014	10	A
	TEST-13-00015-NHT-280-A	Test report of field density and degree of compaction for second base course layer of trench reinstatement from Sta.A 4+200 to Sta.A 5+000 at RHS-TFD/14-400.	NHT	9/15/2014	10/15/14	9/22/2014	7	A
	TEST-13-00015-NHT-281-A	Test report for (28 days) of concrete compressive strength for retaining wall's foundation from Sta.A 1+383 to Sta.A 1+360 at LHS-TC-14/792/B.	NHT	9/16/2014	10/16/14	9/23/2014	7	A
	TEST-13-00015-NHT-282-A	Test report for (28 days)of concrete compressive strength for retaining wall's stem from Sta.A 1+323 to Sta.A 1+330 at LHS-TC-14/797/B.	NHT	9/16/2014	10/16/14	9/23/2014	7	A
	TEST-13-00015-NHT-283-A	Test report of soil classification and modified proctor for subgrade material of road from Sta.A 3+100 to Sta.A 3+240-TB/14-288.	NHT	9/16/2014	10/16/14	9/25/2014	9	A

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	TEST-13-00015-NHT-284-A	Test report of field density and degree of compaction for subgrade of road from Sta.A 3+100 to Sta.A 3+240 at Sta.A 3+150 C.L and Sta.A 3+200 LHS-TFD/14-408.	NHT	9/16/2014	10/16/14	9/23/2014	7	A
	TEST-13-00015-NHT-285-A	Test report of field density and degree of compaction for topping materials from Sta.A 3+170 to Sta.A 3+245 at Sta.A 3+200-TFD/14-410.	NHT	9/16/2014	10/16/14	9/23/2014	7	A
	TEST-13-00015-NHT-286-A	Comprehensive test report of base course material for road from Sta.A 1+800 to Sta.A 2+300-TB/14-287.	NHT	9/16/2014	10/16/14	9/25/2014	9	A
	TEST-13-00015-NHT-287-A	Test report of MC at Sta.A 3+700-TM 14/183.	NHT	9/18/2014	10/18/14	9/23/2014	5	A
	TEST-13-00015-NHT-288-A	Test report of MC at Sta.A 5+600-TM 14/181.	NHT	9/18/2014	10/18/14	9/23/2014	5	A
	TEST-13-00015-NHT-289-A	Test report of MC at Sta.A 2+510-TM 14/180.	NHT	9/18/2014	10/18/14	9/23/2014	5	A
	TEST-13-00015-NHT-290-A	Test report of field density and degree of compaction for base course material of road from Sta.A 2+040 to Sta.A 2+240 at Sta.A 2+180 at RHS and Sta.A 2+080 at LHS -TFD/14-414 and TFD/14-413.	NHT	9/18/2014	10/18/14	9/25/2014	7	A
	TEST-13-00015-NHT-291-A	Test report of field density and degree of compaction for subgrade material of road from Sta.A 1+980 to Sta.A 2+250 at Sta.A 2+200 C.L , Sta.A 2+100 LHS and Sta.A 2+000 RHS-TFD/14-393.	NHT	9/18/2014	10/18/14	9/25/2014	7	A
	TEST-13-00015-NHT-292-A	Test report of field density and degree of compaction for first base course layer from Sta.A 0+880 to Sta.A 1+060 at Sta.A 0+900 RHS, Sta.A 0+940 C.L, Sta.A 0+980 LHS and Sta.A 1+020 RHS-TFD/14-386.	NHT	9/18/2014	10/18/14	9/25/2014	7	A
	TEST-13-00015-NHT-293-A	Test report for (28 days) of concrete compressive strength for stone wall protection up to 3 m high from Sta.A 1+410 to Sta.A 1+420 at LHS-TC-14/787/B.	NHT	9/18/2014	10/18/14	9/25/2014	7	A
	TEST-13-00015-NHT-294-A	Test report of asphalt ¾ inch for trench reinstatement from Sta.A 5+700 to Sta.A 4+370-TM/14-184.	NHT	9/18/2014	10/18/14	9/25/2014	7	A
	TEST-13-00015-NHT-295-A	Test report of asphalt ¾ inch for road from Sta.A 2+300 to Sta.A 3+100-TM/14-182.	NHT	9/18/2014	10/18/14	9/25/2014	7	A
	TEST-13-00015-NHT-296-A	Test report of field density and degree of compaction for second base course layer of road from Sta.A 0+120 to Sta.A 0+500 -TFD/14-418.	NHT	9/18/2014	10/18/14	9/25/2014	7	A
	TEST-13-00015-NHT-297-A	Test report for (28 days)of concrete compressive strength for retaining wall's foundation from Sta.A 1+290 to Sta.A 1+310 at LHS-TC-14/803/B.	NHT	9/21/2014	10/21/14	9/25/2014	4	A
	TEST-13-00015-NHT-298-A	Test report for (28 days) of concrete compressive strength for retaining wall's stem from Sta.A 1+360 to Sta.A 1+383 at LHS-TC-14/808/B.	NHT	9/21/2014	10/21/14	9/25/2014	4	A
	TEST-13-00015-NHT-299-A	Test report for seven days of concrete compressive strength for step barriers from Sta.A 0+544.6 to Sta.A 0+551.8 and from Sta.A 0+559 to Sta.A 0+566.2 -TC-14/862/A.	NHT	9/21/2014	10/21/14	10/2/2014	11	A
	TEST-13-00015-NHT-300-A	Test report of field density and degree of compaction for third backfilling layer behind retaining wall from Sta.A 1+290 to Sta.A 1+383 at Sta.A 1+340 at LHS-TFD/14-425.	NHT	9/21/2014	10/21/14	10/2/2014	11	A

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	TEST-13-00015-NHT-301-A	Test report of field density and degree of compaction for second backfilling layer behind retaining wall from Sta.A 1+290 to Sta.A 1+383 at Sta.A 1+340 at LHS-TFD/14-424.	NHT	9/21/2014	10/21/14	10/2/2014	11	A
	TEST-13-00015-NHT-302-A	Test report of field density and degree of compaction for first backfilling layer behind retaining wall from Sta.A 1+290 to Sta.A 1+383 at Sta.A 1+340 at LHS-TFD/14-415.	NHT	9/21/2014	10/21/14	10/2/2014	11	A
	TEST-13-00015-NHT-303-A	Test report of soil classification and modified proctor for backfilling material behind retaining wall from Sta.A 1+290 to Sta.A 1+383 at LHS-TB/13-291.	NHT	9/21/2014	10/21/14	10/2/2014	11	A
	TEST-13-00015-NHT-304-A	Test report of gradation, sand equivalent, liquid limit, and plasticity index for second base course layer of road from Sta.B 0+000 to Sta.B 0+500TB/14-290.	NHT	9/21/2014	10/21/14	9/23/2014	2	C
	TEST-13-00015-NHT-304-B	Test report of sieve analysis and sand equivalent for second base course layer of road from Sta.B 0+000 to Sta.B 0+500 –TB/14-304.	NHT	9/25/2014	10/25/14	10/2/2014	7	C
	TEST-13-00015-NHT-304-C	Comprehensive test report for second base course layer of road from Sta.B 0+000 to Sta.B 0+500-TB/14-309.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-305-A	Pressure test for 2 inch pipeline from Sta.A 3+390 to Sta.A 3+546-Segment A.	NHT	9/22/2014	10/22/14	9/25/2014	3	C
	TEST-13-00015-NHT-306-A	Test report of MC at Sta.A 0+240- TM/14-190.	NHT	9/23/2014	10/23/14	10/2/2014	9	A
	TEST-13-00015-NHT-307-A	Test report of sieve analysis for single size and bedding material for 3 inch pipeline from Sta.A 1+500 to Sta.A 2+000 at Sta.A 1+600-TA/14/034.	NHT	9/23/2014	10/23/14	10/2/2014	9	A
	TEST-13-00015-NHT-308-A	Test report for 28 days of concrete cube compressive strength: -For stem of retaining wall from Sta.A 1+290 to Sta.A 1+310 at LHS- TC-14/811/B.	NHT	9/23/2014	10/23/14	10/2/2014	9	A
	TEST-13-00015-NHT-309-A	Test report for seven days of concrete cube compressive strength: -for step barriers From Sta.A 0+579.0 to Sta.A 0+586.4 at RHS, From Sta.A 0+593.6 to Sta.A 0+600.8 at RHS, From Sta.A 0+559.0 to Sta.A 0+566.2 at LHS, From Sta.A 0+604.2 to Sta.A 0+611.4 at LHS, From Sta.A 0+618.6 to Sta.A 0+625.8 at LHS-TC-14/883/A.	NHT	9/23/2014	10/23/14	10/2/2014	9	A
	TEST-13-00015-NHT-310-A	Test report of seven days for concrete compressive strength: -For step barriers from Sta.A 0+132.2 to Sta.A 0+139.4 , from Sta.A 0+146.6 to Sta.A 0+153.80 and from Sta.A 0+161 to Sta.A 0+168.20 at RHS-TC-14/841/A.	NHT	9/25/2014	10/25/14	10/2/2014	7	A

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	TEST-13-00015-NHT-311-A	Test report of seven days for concrete compressive strength: -For step barriers From Sta.A 0+175.4 to Sta.A 0+182.60 , from Sta.A 0+189.8 to Sta.A 0+197 and from Sta.A 0+197 to Sta.A 0+205 at RHS. -For stem of pipe culvert's inlet at Sta.A 1+350 at RHS. TC-14/846/A	NHT	9/25/2014	10/25/14	10/2/2014	7	A
	TEST-13-00015-NHT-312-A	Test report of seven days for concrete compressive strength: -For step barriers From Sta.A 0+484.0 to Sta.A 0+491.20 ,From Sta.A 0+498.4 to Sta.A 0+505.60,From Sta.A 0+512.80 to Sta.A 0+520.0 and From Sta.A 0+527.20 to Sta.A0+534.40-TC-14/857/A.	NHT	9/25/2014	10/25/14	10/2/2014	7	A
	TEST-13-00015-NHT-313-A	Test report of seven days for concrete compressive strength: - for step barriers From Sta.A 0+551.8 to Sta.A 0+559.0 at LHS From Sta.A 0+594.0 to Sta.A 0+601.2 at LHS. -For step barriers From Sta.A 0+572.0 to Sta.A 0+579.0 at RHS From Sta.A 0+586.4 to Sta.A 0+593.6 at RHS. TC-14/875/A.	NHT	9/25/2014	10/25/14	10/2/2014	7	A
	TEST-13-00015-NHT-314-A	Test report of field density and degree of compaction for fourth backfilling layer behind retaining wall from Sta.A 1+290 to Sta.A 1+383 at Sta.A 1+310 at LHS-TFD/14-431.	NHT	9/25/2014	10/25/14	10/2/2014	7	A
	TEST-13-00015-NHT-315-A	Test report of concrete compressive strength for one of precast manhole at Al-Addasi factory –Ramallah-tc-14/845/A.	NHT	9/25/2014	10/25/14	10/2/2014	7	C
	TEST-13-00015-NHT-316-A	Test report of field density and degree of compaction for first bas course layer from Sta.B 0+220 to Sta.B 0+380-TFD/14-429.	NHT	9/25/2014	10/25/14	10/2/2014	7	A
	TEST-13-00015-NHT-317-A	Test report for asphalt (3/4) inch from Sta.A 0+440 to Sta.A 0+200-TM/14-191.	NHT	9/25/2014	10/25/14	10/2/2014	7	A
	TEST-13-00015-NHT-318-A	Test report for asphalt (3/4) inch from Sta.A 3+420 to Sta.A 4+370-TM/14-185.	NHT	9/25/2014	10/25/14	10/2/2014	7	A
	TEST-13-00015-NHT-319-A	Test report for (28 days) of concrete compressive strength : -For Step barriers from Sta.A 0+139.4 to Sta.A 0+146.6 at RHS-TC-14/833/B.	NHT	10/12/2014	11/11/14		PE	
	TEST-13-00015-NHT-320-A	Test report for (seven days) of concrete compressive strength : -For Step barriers from Sta.A 0+125 to Sta.A 0+132.2, from Sta.A 0+153.8 to Sta.A 0+161 ,from Sta.A 0+168.2 to Sta.A 0+175.4 and from Sta.A 0+182.6 to Sta.A 0+189.8 at RHS. - For retaining wall's foundation of the inlet box culvert at Sta.A 1+350 at RHS-TC-14/836/B.	NHT	10/12/2014	11/11/14	10/27/2014	15	A

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	TEST-13-00015-NHT-321-A	Test report of (28 days) for concrete compressive strength: -For step barriers from Sta.A 0+132.2 to Sta.A 0+139.4 , from Sta.A 0+146.6 to Sta.A 0+153.80 and from Sta.A 0+161 to Sta.A 0+168.20 at RHS-TC-14/841/B.	NHT	10/12/2014	11/11/14	10/27/2014	15	A
	TEST-13-00015-NHT-322-A	Test report of (28 days) for concrete compressive strength: -For step barriers From Sta.A 0+175.4 to Sta.A 0+182.60 , from Sta.A 0+189.8 to Sta.A 0+197 and from Sta.A 0+197 to Sta.A 0+205 at RHS. -For stem of pipe culvert's inlet at Sta.A 1+350 at RHS. TC-14/846/B.	NHT	10/12/2014	11/11/14	10/27/2014	15	A
	TEST-13-00015-NHT-323-A	Test report for (28 days) of concrete compressive strength for step barriers from Sta.A 0+544.6 to Sta.A 0+551.8 and from Sta.A 0+559 to Sta.A 0+566.2 -TC-14/862/B.	NHT	10/12/2014	11/11/14	10/30/2014	18	A
	TEST-13-00015-NHT-324-A	Test report for (28 days) of concrete compressive strength for foundation of retaining wall at Sta.E 0+106 to Sta.E 0+134 at RHS-TC-14/871/B.	NHT	10/12/2014	11/11/14	10/30/2014	18	A
	TEST-13-00015-NHT-325-A	Test report of (28 days) for concrete compressive strength: - for step barriers From Sta.A 0+551.8 to Sta.A 0+559.0 at LHS From Sta.A 0+594.0 to Sta.A 0+601.2 at LHS. -For step barriers From Sta.A 0+572.0 to Sta.A 0+579.0 at RHS From Sta.A 0+586.4 to Sta.A 0+593.6 at RHS. TC-14/875/B.	NHT	10/12/2014	11/11/14	10/30/2014	18	A
	TEST-13-00015-NHT-326-A	Test report of field density and degree of compaction for existing NGL-bottom of backfilling from Sta.A 1+383 to Sta.A 1+420 at Sta.A 1+390 at LHS-TFD/14-334.	NHT	10/12/2014	11/11/14	10/30/2014	18	A
	TEST-13-00015-NHT-327-A	Test report of modified proctor for existing NGL (bottom of backfilling) from Sta.A 1+383 to Sta.A 1+420-TB/14-306.	NHT	10/12/2014	11/11/14	10/30/2014	18	A
	TEST-13-00015-NHT-328-A	Test report of field density and degree of compaction for subgrade of road from Sta.B 0+000 to Sta.B 0+200 at Sta.B 0+070 C.L and Sta.B 0+120 RHS-TFD/14-441.	NHT	10/12/2014	11/11/14	10/30/2014	18	A
	TEST-13-00015-NHT-329-A	Test report of soil classification and modified proctor for subgrade of road from Sta.B 0+000 to Sta.B 0+200-TB/14-313.	NHT	10/12/2014	11/11/14		PE	
	TEST-13-00015-NHT-330-A	Test report for asphalt from Sta.A 0+120 to Sta.A 0+200 and from Sta.A 0+440 to Sta.A 0+480-TM/14-195.	NHT	10/12/2014	11/11/14	10/30/2014	18	A
	TEST-13-00015-NHT-331-A	Comprehensive test report of second base course layer from Sta.A 0+600 to Sta.A 0+720-TB/14-312.	NHT	10/12/2014	11/11/14	10/30/2014	18	C
	TEST-13-00015-NHT-332-A	Test report of modified proctor for backfilling behind retaining wall from Sta.A 1+250 to Sta.A 1+290 at LHS-TB/14-314.	NHT	10/12/2014	11/11/14	10/30/2014	18	A

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	TEST-13-00015-NHT-333-A	Test report of field density and degree of compaction for first backfilling layer behind retaining wall from Sta.A 1+250 to Sta.A 1+290 at LHS-TFD/14-442.	NHT	10/12/2014	11/11/14	10/30/2014	18	A
	TEST-13-00015-NHT-334-A	Test report of ultimate load for ductile iron covers and frame wit clear opening 750 mm-BM/PTIC/14020.	NHT	10/15/2014	11/14/14	10/30/2014	15	A
	TEST-13-00015-NHT-335-A	Test report for asphalt from Sta.B 0+680 to Sta.B 0+300-TM/14-207.	NHT	10/19/2014	11/18/14		PE	
	TEST-13-00015-NHT-336-A	Test report of sieve analysis for single size at Sta.A 1+700 (verification test)-TA/14/039.	NHT	10/19/2014	11/18/14		PE	
	TEST-13-00015-NHT-337-A	Test and retest report of field density and degree of compaction for subgrade of road from Sta.A 1+160 to Sta.A 1+300-TFD/14-447.	NHT	10/19/2014	11/18/14		PE	
	TEST-13-00015-NHT-338-A	Test report of modified proctor for subgrade of road from Sta.A 1+160 to Sta.A 1+300-TB/14-320.	NHT	10/19/2014	11/18/14		PE	
	TEST-13-00015-NHT-339-A	Test report of modified proctor for backfilling behind retaining wall from Sta.A 1+290 to Sta.A 1+420 at LHS-TB/14-331.	NHT	10/19/2014	11/18/14		PE	
	TEST-13-00015-NHT-340-A	Test report of filed density and degree of compaction second base course layer from Sta.B 0+600 to 0+680 at Sta.B 0+640 at C.L-TFD/14-438.	NHT	10/19/2014	11/18/14		PE	
	TEST-13-00015-NHT-341-A	Test report and retest of filed density and degree of compaction second base course layer from Sta.B 0+220 to Sta.B 0+600 at Sta.B 0+280 RHS, Sta.B 0+370 C.L, Sta.B 0+460 LHS and Sta.B 0+550 RHS-TFD/14-437.	NHT	10/19/2014	11/18/14		PE	
	TEST-13-00015-NHT-342-A	Test report for seven days of concrete cube compressive strength: -for step barriers From Sta.A 0+491.20 to Sta.A 0+498.4, From Sta.A 0+505.60 to Sta.A0+512.8 , From Sta.A 0+520 to Sta.A 0+527.20 and From Sta.A 0+534.4 to Sta.A 0+541.60-TC-14/859/A.	NHT	10/19/2014	11/18/14		PE	
	TEST-13-00015-NHT-343-A	Test report for sieve analysis for single size and bedding material (verification test)-TA/14/036.	NHT	10/19/2014	11/18/14		PE	
	TEST-13-00015-NHT-344-A	Test report of field density and degree of compaction for first backfilling layer behind retaining wall from Sta.A 1+360 to Sta.A 1+420 at Sta.A. 1+400 at LHS-TFD/14-451.	NHT	10/19/2014	11/18/14		PE	
	TEST-13-00015-NHT-345-A	Pressure test for 3 inch water pipeline and house connection from Sta.A 1+440 to Sta.A 1+840.	NHT	10/20/14	11/19/14		PE	
	TEST-13-00015-NHT-346-A	Test report for concrete curb (Alsous factory), dimensions and flexure strength-TM/14-212.	NHT	10/20/14	11/19/14		PE	
	TEST-13-00015-NHT-347-A	Test report for(28 day) of concrete cube compressive strength: -for step barriers From Sta.A 0+579.0 to Sta.A 0+586.4 at RHS, From Sta.A 0+593.6 to Sta.A 0+600.8 at RHS, From Sta.A 0+559.0 to Sta.A 0+566.2 at LHS, From Sta.A 0+604.2 to Sta.A 0+611.4 at LHS, From Sta.A 0+618.6 to Sta.A 0+625.8 at LHS-TC-14/883/B.	NHT	10/20/14	11/19/14		PE	

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	TEST-13-00015-NHT-348-A	Test report of(28 days)for concrete compressive strength: -For step barriers From Sta.A 0+484.0 to Sta.A 0+491.20 ,From Sta.A 0+498.4 to Sta.A 0+505.60,From Sta.A 0+512.80 to Sta.A 0+520.0 and From Sta.A 0+527.20 to Sta.A0+534.40-TC-14/857/B.	NHT	10/20/14	11/19/14		PE	
	TEST-13-00015-NHT-349-A	Test report for (28 days) of concrete cube compressive strength: -for step barriers From Sta.A 0+491.20 to Sta.A 0+498.4, From Sta.A 0+505.60 to Sta.A0+512.8 , From Sta.A 0+520 to Sta.A 0+527.20 and From Sta.A 0+534.4 to Sta.A 0+541.60-TC-14/859/B.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-350-A	Test report for seven days of concrete cube compressive strength: -For stem of retaining wall from Sta.E 0+106 to Sta.E 0+135 at LHS -TC-14/893/A.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-351-A	Test report for(28 days) of concrete cube compressive strength: -For stem of retaining wall from Sta.E 0+106 to Sta.E 0+135 at LHS -TC-14/893/B.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-352-A	Test report for seven days of concrete cube compressive strength: -For step barriers From Sta.A 0+585.60 to Sta.A 0+592.00 at LHS, From Sta.A 0+725.00 to Sta.A 0+732.20 at LHS, From Sta.A 0+746.00 to Sta.A 0+753.20 at LHS, From Sta.A 0+760.40 to Sta.A 0+767.60 at LHS, From Sta.A 0+774.80 to Sta.A 0+782.00 at LHS, From Sta.A 0+785.00 to Sta.A 0+792.20 at LHS-TC-14/892/A.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-353-A	Test report for (28 days) of concrete cube compressive strength: -For step barriers From Sta.A 0+585.60 to Sta.A 0+592.00 at LHS, From Sta.A 0+725.00 to Sta.A 0+732.20 at LHS, From Sta.A 0+746.00 to Sta.A 0+753.20 at LHS, From Sta.A 0+760.40 to Sta.A 0+767.60 at LHS, From Sta.A 0+774.80 to Sta.A 0+782.00 at LHS, From Sta.A 0+785.00 to Sta.A 0+792.20 at LHS-TC-14/892/B.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-354-A	Test report for seven days of concrete cube compressive strength: -For retaining wall's foundation from Sta.A 1+250 to Sta.A 1+290 at LHS. -for step barriers-segment A From Sta.A 0+578.40 to Sta.A 0+585.60 at LHS, From Sta.A 0+738.80 to Sta.A 0+746.00 at LHS ,From Sta.A 0+753.20 to Sta.A 0+760.40 at LHS, From Sta.A 0+767.60 to Sta.A 0+774.80 at LHS, From Sta.A 0+785.00 to Sta.A 0+792.20 at LHS ,From Sta.A 0+799.40 to Sta.A 0+806.60 at LHS-TC-14/907/A.	NHT	10/22/2014	11/21/14		PE	

SUBMITTAL				TRACKING DATES				Approval Status
Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00015-NHT-355-A	Test report for seven days of concrete cube compressive strength: -For step barriers-segment A From Sta.A 0+571.20 to Sta.A 0+578.40 at LHS, From Sta.A 0+731.60 to Sta.A 0+738.80 at LHS, From Sta.A 0+792.20 to Sta.A 0+799.40 at LHS-TC-14/909/A.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-356-A	Test report for seven days of concrete cube compressive strength: -For step barriers from Sta.A 0+810 to Sta.A 0+817.20 , from Sta.A 0+824.4 to Sta.A 0+831.6 and from Sta.A 0+838.8 to Sta.A 0+846 at LHS-TC-14/920/A.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-357-A	Test report for seven days of concrete cube compressive strength: -For step barriers From Sta.A 0+817.20 to Sta.A 0+824.40 at LHS, From Sta.A 0+831.60 to Sta.A 0+838.80 at LHS, From Sta.A 0+853.20 to Sta.A 0+860.40 at LHS-TC-14/930/A.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-358-A	Test report for seven days of concrete cube compressive strength: -For stem of retaining wall from Sta.A 1+270 to Sta.A 1+290. -For step barriers From Sta.A 0+824.4 to Sta.A 0+831.6 at LHS, From Sta.A 0+837.8 to Sta.A 0+845 at LHS, From Sta.A 0+846 to Sta.A 0+853.2 at LHS TC-14/943/A.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-359-A	Test report for seven days of concrete cube compressive strength: -For step barriers From Sta.A 0+860.0 to Sta.A 0+867.4 at LHS, From Sta.A 0+874.8 to Sta.A 0+882.2 at LHS, From Sta.A 0+889.6 to Sta.A 0+897.0 at LHS, From Sta.A 0+907.0 to Sta.A 0+908.1 at LHS and From Sta.A 0+915.5 to Sta.A 0+922.9 at LHS-TC-14/967/A.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-360-A	Test report for seven days of concrete cube compressive strength: -For Foundation of retaining wall from Sta.E 0+045 to Sta.E 0+083 at RHS -TC-14/968/A.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-361-A	Test report for seven days of concrete cube compressive strength: -For stem of retaining wall from Sta.E 0+135 to Sta.E 0+148 at RHS -For step barriers From Sta.A 0+867.4 to Sta.A 0+874.8 at LHS, From Sta.A 0+882.20 to Sta.A 0+889.6 at RHS, From Sta.A 0+897 to Sta.A 0+907 at LHS, From Sta.A 0+908.10 to Sta.A 0+915.50 at RHS and From Sta.A 0+922.90 to Sta.A 0+930.30 at LHS-TC-14/980/A.	NHT	10/22/2014	11/21/14		PE	

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Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00015-NHT-362-A	Test report for seven days of concrete cube compressive strength: -For foundation of butterfly ARV manhole and flow monitoring chamber at Sta.A 1+106 to Sta.A 0+720-TC-14/945/A.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-363-A	Test report for seven days of concrete cube compressive strength: -For Walls of manholes, ARV and butterfly chamber at Sta.A 1+106, Flow monitoring chamber at Sta.A 0720-TC-14/969/A.	NHT	10/22/2014	11/21/14		PE	
	TEST-13-00015-NHT-364-A	Geotechnical test report for soil under retaining wall's foundation from Sta.A 1+290 to Sta.A 1+383 at LHS and the pipe culvert crossing road at Sta.A 1+356-ST/14110.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-365-A	Geotechnical test report for soil under retaining wall's foundation from Sta.A 1+260 to Sta.A 1+290 ,from Sta.E 0+106 to Sta.E 0+185 at RHS and from Sta.E 0+045 to Sta.E 0+083 at RHS-ST/14115.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-366-A	Geotechnical test report for soil under boundary wall's foundation from Sta.E 0+501.8 to Sta.E 0+550 at LHS and from Sta.E 0+200 to Sta.E 0+247 at RHS-ST/14126.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-367-A	Test report of core (3/4 inch) asphalt layer for trench reinstatement and road widening from Sta.A 3+420 to Sta.A 5+700-TM/14-216.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-368-A	Test report of core (1 inch) asphalt layer from Sta.A 0+120 to Sta.A 0+480-TM/14-219.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-369-A	Test report of core (3/4 inch) asphalt layer from Sta.A 2+300 to Sta.A 3+100-TM/14-218.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-370-A	Test report (core test) for binder ¾ inch asphalt layer from Sta.B 0+300 to Sta.B 0+680-TM/14-217.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-371-A	Comprehensive test report for second base course layer from Sta.A 0+500 to Sta.A 1+000-TB/14-346.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-372-A	Test and retest report of field density and degree of compaction for second base course layer from Sta.A 0+440 to Sta.A 1+300-TFD/14-473 and TFD/14-478.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-373-A	Test report for steel reinforcement (8mm, 10mm, and 12mm) and calculation sheet for area of steel for side walk at Seg B-BM/ST/14047.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-374-A	Test report of filed density and degree of compaction for subgrade material from Sta.A 1+460 to Sta.A 1+760at Sta.A 1+510 C.L, Sta.A 1+610 LHS and Sta.A 1+710 RHS-TFD/14-462.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-375-A	Test report of soil classification and modified proctor for subgrade material from Sta.A 1+460 to Sta.A 1+760-TB/14-345.	NHT	10/26/2014	11/25/14		PE	

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Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00015-NHT-376-A	Test report for seven days of concrete cube compressive strength: -For step barriers from Sta.A 0+937.70 to Sta.A 0+945.10 , from Sta.A 0+952.5 to Sta.A 0+959.90 and from Sta.A 0+967.3 to Sta.A 0+974.70 at LHS-TC-14/985/A.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-377-A	Test report for seven days of concrete cube compressive strength: -For step barriers From Sta.A 0+945.10 to Sta.A 0+952.5 at LHS, From Sta.A 0+959.9 to Sta.A 0+967.30 at LHS, from Sta.A 0+930 to Sta.A 0+937.40 at RHS and From Sta.A 0+944.80 to Sta.A 0+952.20 at RHS. -For stem of retaining wall from Sta.E 0+045 to Sta.E 0+057 and from Sta.E 0+070 to Sta.E 0+083 at RHS-TC-14/991/A.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-378-A	Test report for (28 days) of concrete cube compressive strength: -For retaining wall's foundation from Sta.A 1+250 to Sta.A 1+290 at LHS. -For step barriers-segment A From Sta.A 0+578.40 to Sta.A 0+585.60 at LHS, From Sta.A 0+738.80 to Sta.A 0+746.00 at LHS ,From Sta.A 0+753.20 to Sta.A 0+760.40 at LHS, From Sta.A 0+767.60 to Sta.A 0+774.80 at LHS, From Sta.A 0+785.00 to Sta.A 0+792.20 at LHS ,From Sta.A 0+799.40 to Sta.A 0+806.60 at LHS-TC-14/907/B.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-379-A	Test report for(28 days) of concrete cube compressive strength: -For step barriers-segment A From Sta.A 0+571.20 to Sta.A 0+578.40 at LHS, From Sta.A 0+731.60 to Sta.A 0+738.80 at LHS, From Sta.A 0+792.20 to Sta.A 0+799.40 at LHS-TC-14/909/B.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-380-A	Test report for seven days of concrete cube compressive strength: -For step barriers from Sta.A 0+937.40 to Sta.A 0+944.80 and from Sta.A 0+952.20 to Sta.A 0+959.60 at RHS-TC-14/994/A.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-381-A	Test report for seven days of concrete cube compressive strength: -For step barriers From Sta.A 0+959.60 to Sta.A 0+967 , from Sta.A 0+967 to Sta.A 0+974.40 at RHS and from Sta.A 0+467 to Sta.A 0+474 at LHS-TC-14/1004/A.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-382-A	Test report for (28 days) of concrete cube compressive strength: -For step barriers from Sta.A 0+810 to Sta.A 0+817.20 , from Sta.A 0+824.4 to Sta.A 0+831.6 and from Sta.A 0+838.8 to Sta.A 0+846 at LHS-TC-14/920/B.	NHT	10/26/2014	11/25/14		PE	

SUBMITTAL				TRACKING DATES				Approval Status
Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00015-NHT-383-A	Test report for (28 days) of concrete cube compressive strength: -For step barriers From Sta.A 0+817.20 to Sta.A 0+824.40 at LHS, From Sta.A 0+831.60 to Sta.A 0+838.80 at LHS, From Sta.A 0+853.20 to Sta.A 0+860.40 at LHS-TC-14/930/B.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-384-A	Test report of field density and degree of compaction for subgrade of road from Sta.A 1+760 to Sta.A 1+870 at Sta.A 1+850 C.L-TFD/14-479.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-385-A	Test report of soil classification and modified proctor for subgrade layer from Sta.A 1+760 to Sta.A 1+870-TB/14-358.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-386-A	Test report of field density and degree of compaction for first backfilling layer behind retaining wall from Sta.E 0+105 to Sta.E 0+185 at RHS-TFD/14-475.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-387-A	Test report of modified proctor for backfilling material from Sta.E 0+105 to Sta.E 0+185-TB/14-363.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-388-A	Test and retest report of field density and degree of compaction for first base course layer from Sta.A. 1+180 to Sta.A 1+300-TFD/14-453 and TFD/14-456.	NHT	10/26/2014	11/25/14		PE	
	TEST-13-00015-NHT-389-A	Test report of modified proctor for backfilling material from Sta.A 1+300 to Sta.A 1+400-TB/14-364.	NHT	10/28/2014	11/27/14		PE	
	TEST-13-00015-NHT-390-A	Test report of field density and degree of compaction for second backfilling layer from Sta.A 1+300 to Sta.A 1+400-TFD/14-480.	NHT	10/28/2014	11/27/14		PE	
	TEST-13-00015-NHT-391-A	Test report of field density and degree of compaction for base course layer from Sta.A 2+020 to Sta.A 2+300-TFD/14-482.	NHT	10/28/2014	11/27/14		PE	
	TEST-13-00015-NHT-392-A	Geotechnical test report for soil under retaining wall's foundation from Sta.A 6+574 to Sta.A 6+603 at LHS-ST/14127.	NHT	10/28/2014	11/27/14		PE	
	TEST-13-00015-NHT-393-A	Comprehensive test report for first bas course layer from Sta.A 1+000 to Sta.A 1+500-TB/14-334.	NHT	10/28/2014	11/27/14		PE	
	TEST-13-00015-NHT-394-A	Test report of field density and degree of compaction for first base course layer from Sta.B 0+000 to Sta.B 0+220-TFD/14-463.	NHT	10/28/2014	11/27/14		PE	
	TEST-13-00015-NHT-395-A	Test report for seven days of concrete cube compressive strength: - For step barriers From Sta.A 0+592.80 to Sta.A 0+594.00, From Sta.A 0+620.00 to Sta.A 0+627.20, From Sta.A 0+627.20 to Sta.A 0+634.40 and From Sta.A 0+634.40 to Sta.A 0+641.60 at LHS. -For step barriers From Sta.A 0+641.60 to Sta.A 0+648.80, From Sta.A 0+652.00 to Sta.A 0+659.20, From Sta.A 0+662.20 to Sta.A 0+669.20 and From Sta.A 0+672.20 to Sta.A 0+679.40 at LHS-TC-14/898/A.	NHT	10/28/2014	11/27/14		PE	

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-TO-12-00005
TASK ORDER #15, Nahaleen Main Pipeline Project (NHT)

SUBMITTAL				TRACKING DATES				Approval Status
Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00015-NHT-396-A	Test report for (28 days) of concrete cube compressive strength: - For step barriers From Sta.A 0+592.80 to Sta.A 0+594.00, From Sta.A 0+620.00 to Sta.A 0+627.20, From Sta.A 0+627.20 to Sta.A 0+634.40 and From Sta.A 0+634.40 to Sta.A 0+641.60 at LHS. -For step barriers From Sta.A 0+641.60 to Sta.A 0+648.80, From Sta.A 0+652.00 to Sta.A 0+659.20, From Sta.A 0+662.20 to Sta.A 0+669.20 and From Sta.A 0+672.20 to Sta.A 0+679.40 at LHS-TC-14/898/B.	NHT	10/28/2014	11/27/14		PE	
	TEST-13-00015-NHT-397-A	Test report for radiographic tees (3 inch/2 inch), joint Number from J21 to J45, CRSJ1 and CRSJ2-8139868/14.	NHT	10/29/2014	11/28/14		PE	
	TEST-13-00015-NHT-398-A	Test report of core samples for foundation, walls. Roof of two pre cast manhole (washout at Sta.A 3+580 and washout at Sta.A 5+477)-TCC/14-027.	NHT	10/29/2014	11/28/14		PE	
	TEST-13-00015-NHT-399-A	Test report of modified proctor for subgrade material of road from Sta.A 0+080 to Sta.A 0+120-TB/14-368.	NHT	10/29/2014	11/28/14		PE	
	TEST-13-00015-NHT-400-A	Test report of field density and degree of compaction for subgrade of road from Sta.A 0+080 to Sta.A 0+120-TFD/14-484.	NHT	10/29/2014	11/28/14		PE	
	TEST-13-00015-NHT-401-A	Test report of field density and degree of compaction for base course layer from Sta.A 1+460 to Sta.A 1+840 -TFD/14-483.	NHT	10/29/2014	11/28/14		PE	
	TEST-13-00015-NHT-402-A	Test report of filed density and degree of compaction for third backfilling layer behind the retaining wall from Sta.E 0+105 to Sta.E 0+165 at RHS-TFD/14-485.	NHT	10/29/2014	11/28/14		PE	
	TEST-13-00015-NHT-403-A	Test report of filed density and degree of compaction for second backfilling layer behind the retaining wall from Sta.E 0+105 to Sta.E 0+165 at RHS-TFD/14-481.	NHT	10/29/2014	11/28/14		PE	

DV = Division A= No Exceptions Noted B = Make Corrections Noted C = Amend-Resubmit D= Rejected-Resubmit E= Review Not Required

G | RFI's Log for the Reporting Period

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-00-12-00005
TASK ORDER #15, Nahaleen Main Pipeline
RFIs log - NHT

Request For Information				TRACKING DATES				Approved By
Spec. No.	RFI No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	
	RFI-13-00015-NHT-001	Control valves in Nahaleen Main Pipe line Project, discrepancies between the bills/ drawings and technical specifications. Task order # 15	NHT	12/04/13	01/03/14	12/22/13	18	Nimr Rjoub
	RFI-13-00015-NHT-002	Design Hydraulic Characteristics for pressure reducing valves	NHT	12/19/13	01/18/14	01/05/14	17	Nimr Rjoub
	RFI-13-00015-NHT-003	Road alignment / proposed center line and curved data for Nahaleen Main Pipe line Project, TO # 15	NHT	12/23/13	01/22/14	01/12/14	20	Nimr Rjoub
	RFI-13-00015-NHT-004	Concrete supports for main pipeline Segment D/ Nahaleen Main Pipe line Project, TO # 15	NHT	01/21/14	02/20/14	02/03/14	13	Nimr Rjoub
	RFI-13-00015-NHT-005	Expansion joints pipeline and alignment as requested on submittal SUB-13-00015-NHT-072-A for the 12" pipeline and location - at Segment D Nahaleen Main Pipeline Project, (TO #15)	NHT	02/16/14	03/18/14	02/20/14	4	Nimr Rjoub
	RFI-13-00015-NHT-006	Using steel mini guard around trenches instead of concrete barrier	NHT	02/20/14	03/22/14	02/26/14	6	Nimr Rjoub
	RFI-13-00015-NHT-007	Construction risk for the existing stone walls due to widening road from Sta.3+320 to Sta.5+800 -Nahaleen Main Pipeline Project	NHT	02/20/14	03/22/14	03/05/14	13	Nimr Rjoub
	RFI-13-00015-NHT-008	Your response to RFI # 005 for Expansion joints12" pipeline at Segment D Nahaleen Main Pipeline Project, (TO #15)	NHT	03/03/14	04/02/14	03/05/14	2	Nimr Rjoub
	RFI-13-00015-NHT-009	Replacement of box culverts at sta. 0+590, 0+951 and 1+356 at Nahaleen Main Pipe line Project, TO # 15	NHT	03/30/14	04/29/14	04/21/14	22	Nimr Rjoub
	RFI-13-00015-NHT-010	Concrete supports for main pipeline Segment D/ Nahaleen Main Pipe line Project, TO # 15	NHT	04/10/14	05/10/14	04/20/14	10	Nimr Rjoub
	RFI-13-00015-NHT-011	Box culvert and retaining walls at sta. 1+356 TO 15 Nahaleen .main waterline	NHT	05/19/14	06/18/14	05/21/14	2	Nimr Rjoub
	RFI-13-00015-NHT-012	Using geo textile sheet under base course and above single size material in water lines trenches	NHT	06/24/14	07/24/14	07/13/14	19	Nimr Rjoub
	RFI-13-00015-NHT-013	Revise 12" main pipeline from sta. 0+100 to 0+452- at Nahaleen Main Pipe line Project, TO # 15	NHT	07/09/14	08/08/14	07/14/14	5	Nimr Rjoub
	RFI-13-00015-NHT-014	Change Storm system from 0+720 to 0+980 segment B for Nahaleen Main Pipe line Project, TO # 15	NHT	07/10/14	08/09/14	08/06/14	27	Nimr Rjoub
	RFI-13-00015-NHT-015	Relocation the storm system between 0+090 to 0+210 at segment B for Nahaleen Main Pipe line Project, TO # 15	NHT	08/06/14	09/05/14	08/12/14	6	Nimr Rjoub
	RFI-13-00015-NHT-016	Relocation of the storm system and water network between 0+710 to 0+950 at segment B for Nahaleen Main Pipe line Project, TO # 15	NHT	08/06/14	09/05/14	08/12/14	6	Nimr Rjoub
	RFI-13-00015-NHT-017	Steel mini guard instead of the Concrete barrier around open trenches from Sta. 3+850 to Sta. 5+800.	NHT	08/11/14	09/10/14	08/13/14	2	Nimr Rjoub
	RFI-13-00015-NHT-018	Relocation of water network at segment B for Nahaleen Main Pipe line Project, TO # 15	NHT	08/14/14	09/13/14	08/14/14	0	Nimr Rjoub
	RFI-13-00015-NHT-019	Pipes and Catch basin for Storm Drainage system - TO # 15	NHT	08/14/14	09/13/14	08/23/14	9	Nimr Rjoub
	RFI-13-00015-NHT-020	Location for the required valves and connection chambers at Nahaleen Main pipeline project, TO # 15	NHT	09/03/14	10/03/14	09/29/14	26	Nimr Rjoub

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-00-12-00005
TASK ORDER #15, Nahaleen Main Pipeline
RFIs log - NHT

Request For Information				TRACKING DATES				Approved By
Spec. No.	RFI No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	
	RFI-13-00015-NHT-021	Concrete supports for main pipeline Segment D/ Nahaleen Main Pipe line Project, TO # 15	NHT	09/10/14	10/10/14	09/11/14	1	Nimr Rjoub
	RFI-13-00015-NHT-022	Asphalt mix design – 3/4 "wearing layer at Nahaleen Project	NHT	09/11/14	10/11/14	09/11/14	0	Nimr Rjoub
	RFI-13-00015-NHT-023	50 mm Gate Valve Hand Hole at Nahaleen main pipeline / Task order #15	NHT	09/11/14	10/11/14	10/02/14	21	Nimr Rjoub
	RFI-13-00015-NHT-024	Stone wall from sta. A 1+200 to sta. A1+250 LHS / Nahaleen Main Pipe line Project, TO # 15	NHT	09/11/14	10/11/14	09/17/14	6	Nimr Rjoub
	RFI-13-00015-NHT-025	Site conditions and design requirements to be considered during the preparation of shop drawings from Sta5+700 to Sta.7+050 , Segment A/ Nahaleen Main Pipe line Project, TO # 15	NHT	09/25/14	10/25/14	10/19/14	24	Nimr Rjoub
	RFI-13-00015-NHT-026	Change to design requirement for water system between sta. 5+700 to 7+050 at segment A -Nahaleen Main Pipeline Project, (TO #15)	NHT	09/28/14	10/28/14	10/15/14	17	Nimr Rjoub
	RFI-13-00015-NHT-027	Double Pipe Culvert at Sta.7+804	NHT	10/29/14	11/28/14			

H | Geo-MIS DATA COLLECTION SHEET
Generated Person Days of Employment

USAID WEST BANK/ GAZA

INFRASTRUCTURE NEEDS PROGRAM INPII

CONTRACT NO. AID-294-I-00-12-00005

TASK ORDER NO. AID-294-TO-13-00015

Nahaleen Main Pipeline Project (NHT)

Temproray Job Days Summary Report

Task Order Name: Nahaleen Main Pipeline Project

PERIOD FROM: November 06, 2013

CONTRACTOR: APCO/ArCon

PERIOD TO: Oct. 31, 2014

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Notes of Comments	Total Female Hours	Total Female Job-days
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other					
October	2012						0	0			
November	2012						0	0			
December	2012						0	0			
January	2013						0	0			
February	2013						0	0			
March	2013						0	0			
April	2013						0	0			
May	2013						0	0			
June	2013						0	0			
July	2013						0	0			
August	2013						0	0			
September	2013						0	0			
Total of FY 2013							0	0			
October	2013						0	0			
November	2013	12.3	0.0	26.0	0.0	0.0	38.3	1.6		0.0	0.0
December	2013	23.4	10.6	16.5	18.0	0.0	68.5	2.9		144.0	18.0
January	2014	41.0	55.0	28.3	58.5	0.0	182.8	7.7		296.0	37.0
February	2014	71.0	69.0	33.5	98.3	0.0	271.8	11.4		400.0	50.0
March	2014	81.0	101.1	118.8	219.1	0.0	530.5	22.3		384.0	48.0
April	2014	79.1	103.1	412.2	436.6	0.0	1042.2	43.8		417.0	52.1
May	2014	78.0	83.5	452.7	486.8	0.0	1141.9	48.0		416.0	52.0
June	2014	114.3	103.5	1180.8	923.3	0.0	2343.3	98.5		440.0	55.0
July	2014	76.5	70.0	544.8	469.0	0.0	1160.3	48.8		307.0	38.4
August	2014	139.5	112.3	1237.6	844.0	0.0	2333.4	98.0		433.0	54.1
September	2014	140.1	99.1	1432.3	974.9	0.0	2646.4	111.2		436.0	54.5
Total of FY 2014							11759.2	494.1		3673.0	459.1
October	2014	111.9	124.0	1414.8	1079.3	0.0	2729.9	114.7		352.0	44.0
November	2014						0.0	0.0			
December	2014						0.0	0.0			
January	2015						0.0	0.0			
February	2015						0.0	0.0			
March	2015						0.0	0.0			
April	2015						0.0	0.0			
May	2015						0.0	0.0			
June	2015						0.0	0.0			
July	2015						0.0	0.0			
August	2015						0.0	0.0			
September	2015						0.0	0.0			
Total of FY 2015							2729.9	114.7		352.0	44.0

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.

Daily Work Force /October 2014
Project Nahaleen Main Pipeline Project
Contract AID-294-I-00-12-00005

APCO/ArCon CONSTRUCTION AND SERVICES

Daily Work Force /October 2014

Date	Name of Contractor /Subcontractor	Worker/Classification (Hours)																											Man-days			
		Management								Engineers			Skilled							Unskilled												
		Task Order Manager	Quality Control Manager	Assistant QCM	Certified Welding Inspector	Technical Engineer	Quantitiy Surveyor	Safety & Environmental	Assistant Safety Officer	Project Manager / Engineer	Office Engineer(F)	Site Engineer	Foreman	Surveyor	Surveyor Assistance	Equipment Operator	Skilled Labor	Qualified /Assistant welders	Drivers	Unskilled Labor	storage yard guard	Equipment Guard	wood and reinforcement steel guard	Security guard	Flagmen	Janitor(F)	Office Boy	Total Management	Total Engineers	Total Skilled	Total Unskilled
October 1, 2014	APCO/ArCon		12	10		8			12		10	9			10												8	5	5	53	36
	Subcontractor										20			63	12			144	18	177	220	24		12		24						
October 2, 2014	APCO/ArCon		12	8		8			12		8	9			8												8	5	5	27	29
	Subcontractor										20			27	12			56	16	97	160	24		12		24						
October 3, 2014	APCO/ArCon																											0	0	0	6
	Subcontractor																					24		24								
October 4, 2014	APCO/ArCon																											0	0	0	6
	Subcontractor																					24		24								
October 5, 2014	APCO/ArCon																											0	0	0	6
	Subcontractor																					24		24								
October 6, 2014	APCO/ArCon																											0	0	0	6
	Subcontractor																					24		24								
October 7, 2014	APCO/ArCon																											0	0	0	6
	Subcontractor																					24		24								
October 8, 2014	APCO/ArCon		12	8		8			12		8	9																5	3	44	27
	Subcontractor										10			40	10			130	16	156	160	24		12		20						
October 9, 2014	APCO/ArCon		10	8		8			10		8	8															8	5	3	41	28
	Subcontractor										8			32	8			120	16	150	160	24		12		16						
October 10, 2014	APCO/ArCon																											0	0	0	6
	Subcontractor																					24		24								
October 11, 2014	APCO/ArCon		12	12		8			12		12	8															8	6	6	56	39
	Subcontractor										24			60	24			170	16	180	250	24		12		20						
October 12, 2014	APCO/ArCon		12	12		8			12		12	8															8	6	6	56	46
	Subcontractor										26			60	24			170	16	180	300	24		12		20						
October 13, 2014	APCO/ArCon		10	11		8			10		11	8															8	5	6	56	46
	Subcontractor										27			60	22			170	16	180	300	24		12		20						
October 14, 2014	APCO/ArCon		12	9		8			11		12	8															8	5	6	56	1
	Subcontractor										30			60	22			170	16	180	300	24		12		20						
October 15, 2014	APCO/ArCon		12	9		8			11		12	8															8	5	6	61	49
	Subcontractor										30			60	22			210	16	180	330	24		12		20						
October 16, 2014	APCO/ArCon		10	9		9			9		9	8			9												8	5	5	59	45
	Subcontractor										26			54	18			189	18	180	297	24		12		18						

Date	Name of Contractor /Subcontractor	Worker/Classification (Hour)																											Man-days			
		Management								Engineers			Skilled							Unskilled												
		Task Order Manager	Quality Control Manager	Assistant QCM	Certified Welding Inspector	Technical Engineer	Quantitiy Surveyor	Safety & Environmental	Assistant Safety Officer	Project Manager / Engineer	Office Engineer(F)	Site Engineer	Foreman	Surveyor	Surveyor Assistance	Equipment Operator	Skilled Labor	Qualified /Assistant welders	Drivers	Unskilled Labor	storage yard guard	equipment Guard	wood and reinforcement steel guard	Security guard	Flagmen	Janitor(F)	Office Boy	Total Management	Total Engineers	Total Skilled	Total Unskilled
October 17, 2014	APCO/ArCon									9																		0	1	13	17
	Subcontractor												8				8		88	72	24		24		16						
October 18, 2014	APCO/ArCon		5	8		8			9		9	8			9											8		4	6	62	49
	Subcontractor										30			60	22			170	16	222	330	24		12		20						
October 19, 2014	APCO/ArCon		13	8		8			13		13	8			13									8		8		5	6	62	50
	Subcontractor										28			60	16			170	16	218	330	24		12		20						
October 20, 2014	APCO/ArCon		13	8		8			12		11	8			11									8		8		5	6	78	48
	Subcontractor										28			90	16			180	16	310	290	24		12		40						
October 21, 2014	APCO/ArCon		13	10		8			11		11	8			10									8		8		5	6	75	48
	Subcontractor										28			90	16			180	16	288	290	24		12		40						
October 22, 2014	APCO/ArCon		12	10		8			11		11	8			10									8		8		5	6	79	48
	Subcontractor										28			90	16			180	16	322	290	24		12		40						
October 23, 2014	APCO/ArCon		11	9		8			10		10	8			9									8		8		5	6	72	48
	Subcontractor										26			81	16			162	16	292	297	24		12		36						
October 24, 2014	APCO/ArCon																											0	0	0	6
	Subcontractor																				24		24								
October 25, 2014	APCO/ArCon		13	10		8			11		13	8			10									8		8		5	6	79	59
	Subcontractor										28			90	16			200	16	296	380	24		12		40						
October 26, 2014	APCO/ArCon		13	10		8			13		14	11			13									8		8		6	7	77	59
	Subcontractor										28			70	16			200	16	304	380	24		12		40						
October 27, 2014	APCO/ArCon		13	9		8			13		14	8			9									8		8		5	6	82	63
	Subcontractor										28			90	16			220	16	306	410	24		12		40						
October 28, 2014	APCO/ArCon		13	9		8			13		14	8			13									8		8		5	6	83	63
	Subcontractor										28			90	28			220	16	298	410	24		12		40						
October 29, 2014	APCO/ArCon		13	10		8			12		10	9			10									8		8		5	6	72	68
	Subcontractor										28			70	18			180	24	271	450	24		12		40						
October 30, 2014	APCO/ArCon		13	10		9			12		10	9			8									8		8		6	6	72	68
	Subcontractor										28			90	16			180	24	259	450	24		12		40						
October 31, 2014	APCO/ArCon																											0	0	0	6
	Subcontractor																				24		24								
Total																												112	124	1415	1079

USAID WEST BANK/ GAZA

INFRASTRUCTURE NEEDS PROGRAM

TASK ORDER NO: AID-294-TO-12-00015

Nahaleen Main Pipeline Project

Geo-MIS DATA COLLECTION SHEET

CONTRACTOR: APCO/ArCon

PERIOD FROM: October 01, 2014

PERIOD TO: October 31, 2014

DATE	Nahaleen Main Pipeline Project					SubTotal
	Management	Engineers	Skilled labor	Unskilled labor	Other	
October 1, 2014	5.3	4.9	53.0	36.0		99.1
October 2, 2014	5.0	4.6	27.0	28.5		65.1
October 3, 2014	0.0	0.0	0.0	6.0		6.0
October 4, 2014	0.0	0.0	0.0	6.0		6.0
October 5, 2014	0.0	0.0	0.0	6.0		6.0
October 6, 2014	0.0	0.0	0.0	6.0		6.0
October 7, 2014	0.0	0.0	0.0	6.0		6.0
October 8, 2014	5.0	3.4	44.0	27.0		79.4
October 9, 2014	4.5	3.0	40.8	27.5		75.8
October 10, 2014	0.0	0.0	0.0	6.0		6.0
October 11, 2014	5.5	5.5	56.3	39.3		106.5
October 12, 2014	5.5	5.8	56.3	45.5		113.0
October 13, 2014	4.9	5.8	56.0	45.5		112.1
October 14, 2014	5.0	6.3	56.0	1.0		68.3
October 15, 2014	5.0	6.3	61.0	49.3		121.5
October 16, 2014	4.6	5.4	58.5	44.9		113.4
October 17, 2014	0.0	1.1	13.0	17.0		31.1
October 18, 2014	3.8	5.9	62.4	49.3		121.3
October 19, 2014	5.3	6.1	61.6	50.3		123.3
October 20, 2014	5.1	5.9	77.9	47.8		136.6
October 21, 2014	5.3	5.9	75.0	47.8		133.9
October 22, 2014	5.1	5.9	79.3	47.8		138.0
October 23, 2014	4.8	5.5	72.0	48.1		130.4
October 24, 2014	0.0	0.0	0.0	6.0		6.0
October 25, 2014	5.3	6.1	78.5	59.0		148.9
October 26, 2014	5.5	6.6	77.4	59.0		148.5
October 27, 2014	5.4	6.3	82.1	62.8		156.5
October 28, 2014	5.4	6.3	83.1	62.8		157.5
October 29, 2014	5.4	5.9	71.6	67.8		150.6
October 30, 2014	5.5	5.9	72.1	67.8		151.3
October 31, 2014	0.0	0.0	0.0	6.0		6.0
Sub Total of Oct.	111.9	124.0	1414.8	1079.3	0.0	**2729.9**

October, 2014	Total Job Days	No of Full Time Equivalent (FTE) Jobs
	2729.9	114.7

I | RISK REGISTER LOG

Risk Register Log

PROBABILITY CATEGORIES			
Description		Prob	Scale Value
H	Probable	>70%	3
M	Could happen	30-70%	2
L	Improbable	<30%	1

			PROBABILITY		
			Low/Improbable	Medium/Could Happen	High/Probable
			1	2	3
IMPACT	High/ Critical	3	3	6	9
	Medium/ Serious	2	2	4	6
	Low/ Marginal	1	1	2	3

IMPACT CATEGORIES			
Description		Guide Scenario	Scale Value
H	Critical	Impact that involves significant delay, rework, modification or reassessment.	3
M	Serious	Impact or setback that causes delay, additional work and reassessment but containable.	2
L	Marginal	Impact has some effect causing rework or reassessment but easily handled.	1

- Key/ Critical Risks - closely monitor, manage & develop fallback plans
- Intermediate Risks - monitor and manage to mitigate
- Minor Risks

Risk Event	What is it that you are working to avoid or reduce the likelihood or impact of occurring? Risks are future events that could interfere with achievement of objectives.
Risk Cause	What are the triggers, sources or circumstances that could act alone or together to increase the likelihood of the Risk Event occurring? There are usually multiple causes leading to a Risk Event.
Risk Impact	If this Risk Event did occur, how would it impact objectives? What are the longer-term or cumulative consequences?
Risk Owner	Who will take the lead on this mitigation?

T.O 15- Risk Register Log

RISK IDENTIFICATION							RISK ASSESSMENT					RISK RESPONSE			MONITORING & CONTROLLING	
REF	CATEGORY	RISK	RISK CAUSE	IMPACT/ CONSEQUEN	RAISED BY	DATE RAISED	PROBLTY.	IMPACT	RISK RATING	COST IMPACT	SCHEDULE IMPACT	RESPONSE STRATEGY	RESPONSE PLAN	RISK OWNER	STATUS	NOTES
1	Design								0							
2	Owner								0							
3	USAID								0							
4	External								0							
5	Procurement								0							
6	Skills								0							
7	Complexity								0							
8	Resources	Work slow down and possible delays	Lack of subcontractor resources	M	B&V and USAID	Bi-weekly meetings	1	2	2	No cost impact	Not Determined Yet	Mitigate	APCO started to mitigate the delays and go back on track by increasing staffing and resourcing and implementing night work plan. APCO/ArCon strictly applied terms and conditions of its contract with Subcontractor to ensure adequate resources is dedicated to the work in accordance with recovery plan. APCO/ArCon began interfering directly in the actual implementation of the project resulting in minimizing project negative float. Revised recovery plan was submitted to BV and USAID on Sep. 14, 2014.	Contractor	In Progress	
9	Communications								0							
									0							