# International Construction Consulting, LLC Project Cost and Schedule Overview

Project Name:	XXX Crude Connector Project	
Company:	XXX	
Total Estimated Project Cost:	\$165,863,000	
Month Start:	1-Jun-18	
Schedule Duration (Months):	24	
Engineering (% of Total):	14.02%	
Labor (% of Total):	37.16%	
Material (% of Total):	48.82%	

	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Start	1-Jun-18	15-Nov-18	1-Mar-19	15-Jun-19	15-Sep-19
Complete	1-Mar-19	15-Sep-19	30-Oct-19	14-Mar-20	14-Jun-20

1-Jun-18	= Earliest Start Date
14-Jun-20	= Latest Completion
745	= Total Days
24	= Total Months

# **Project Descriptions: Phase 1**

Installation of a 50K BBL tank at the XXX Facility; pumps/LACT's; and piping. Installation of 22 miles of 8" pipe to Midland; 25 miles of 4" gathering from the well pads.

## Phase 2

Installation of a 50K BBL tank at the XXX tie-in point; pumps/LACT's; and piping. Installation of 4 miles of 8" pipe to XXX tank; 12 miles of 4" gathering from the well pads.

# Phase 3

Add in all of the details here, including facilities and pipelines.

# Phase 4

Add in all of the details here, including facilities and pipelines.

# Phase 5

Add in all of the details here, including facilities and pipelines.

International Construction Consulting, LLC
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# XXX Crude Connector Project

Estimated Project Cost	\$ 165,863,000	Company: XXX	
Year Start	2018	Project Duration (Months):	25.0
Month Start	Jun-18	Expenditure Duration (Months):	27.0
Estimated Month Complete	Jun-20		

Jun-18	Expenditure Duration (Months):	27.0		
Jun-20			Start Date	End Date
			Phase 1 (see Description Below): Jun 1, 2018	Mar 1, 2019
14%	Estimated Engineering Cost:	\$23,247,358	Phase 2 (see Description Below): Nov 15, 2018	Sep 15, 2019
37%	EstimatedLabor Cost:	\$61,641,325	Phase 3 (see Description Below): Mar 1, 2019	Oct 30, 2019
49%	Estimated Material Cost:	\$80,974,317	Phase 4 (see Description Below): Jun 15, 2019	Mar 14, 2020
100%	Estimated TIC:	\$165,863,000	Phase 5 (see Description Below): Sep 15, 2019	Jun 14, 2020

Engineering (% of Total) Labor (% of Total)

Material (% of Total)

Eng/CM/Land Expenditures																												
Year		2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020	2020	2020	2020	2020	2020	2020	2020
Quarter		Q2 2018	Q3 2018	Q3 2018	Q3 2018	Q4 2018	Q4 2018	Q4 2018	Q1 2019	Q1 2019	Q1 2019	Q2 2019	Q2 2019	Q2 2019	Q3 2019	Q3 2019	Q3 2019	Q4 2019	Q4 2019	Q4 2019	Q1 2020	Q1 2020	Q1 2020	Q2 2020	Q2 2020	Q2 2020	Q3 2020	Q3 2020
Month		Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Month of Project	:	Mo. 1	Mo. 2	Mo. 3	Mo. 4	Mo. 5	Mo. 6	Mo. 7	Mo. 8	Mo. 9	Mo. 10	Mo. 11	Mo. 12	Mo. 13	Mo. 14	Mo. 15	Mo. 16	Mo. 17	Mo. 18	Mo. 19	Mo. 20	Mo. 21	Mo. 22	Mo. 23	Mo. 24	Mo. 25	Mo. 26	Mo. 27
Estimated Dollars	\$25,283,600	\$0	\$0	\$296,723	\$769,626	\$1,437,253	\$1,882,338	\$1,761,794	\$1,588,499	\$1,477,273	\$1,630,930	\$1,859,241	\$1,845,740	\$1,706,541	\$1,573,293	\$1,406,261	\$1,178,792	\$1,001,225	\$912,396	\$742,550	\$653,525	\$550,200	\$425,600	\$284,200	\$163,800	\$79,800	\$40,600	\$15,400
Cumulative Dollars		\$0	\$0	\$296,723	\$1,066,349	\$2,503,602	\$4,385,940	\$6,147,734	\$7,736,233	\$9,213,506	\$10,844,436	\$12,703,677	\$14,549,417	\$16,255,958	\$17,829,251	\$19,235,512	\$20,414,304	\$21,415,529	\$22,327,925	\$23,070,475	\$23,724,000	\$24,274,200	\$24,699,800	\$24,984,000	\$25,147,800	\$25,227,600	\$25,268,200	\$25,283,600

Material Expenditures																												
Year		2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020	2020	2020	2020	2020	2020	2020	2020
Quarter		Q2 2018	Q3 2018	Q3 2018	Q3 2018	Q4 2018	Q4 2018	Q4 2018	Q1 2019	Q1 2019	Q1 2019	Q2 2019	Q2 2019	Q2 2019	Q3 2019	Q3 2019	Q3 2019	Q4 2019	Q4 2019	Q4 2019	Q1 2020	Q1 2020	Q1 2020	Q2 2020	Q2 2020	Q2 2020	Q3 2020	Q3 2020
Month		Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Month of Project		Mo. 1	Mo. 2	Mo. 3	Mo. 4	Mo. 5	Mo. 6	Mo. 7	Mo. 8	Mo. 9	Mo. 10	Mo. 11	Mo. 12	Mo. 13	Mo. 14	Mo. 15	Mo. 16	Mo. 17	Mo. 18	Mo. 19	Mo. 20	Mo. 21	Mo. 22	Mo. 23	Mo. 24	Mo. 25	Mo. 26	Mo. 27
Estimated Dollars	\$79,833,350	\$0	\$0	\$104,317	\$375,540	\$1,460,435	\$5,424,471	\$6,279,868	\$4,481,547	\$2,370,275	\$1,136,779	\$3,000,668	\$5,685,930	\$4,962,600	\$4,804,875	\$4,676,315	\$3,017,880	\$2,359,375	\$4,372,375	\$4,945,900	\$4,327,400	\$5,636,400	\$5,020,400	\$3,311,000	\$1,632,400	\$385,000	\$61,600	\$0
Cumulative Dollars		\$0	\$0	\$0	\$104,317	\$479,857	\$1,940,292	\$7,364,763	\$13,644,631	\$18,126,178	\$20,496,453	\$21,633,232	\$24,633,900	\$30,319,830	\$35,282,430	\$40,087,305	\$44,763,620	\$47,781,500	\$50,140,875	\$54,513,250	\$59,459,150	\$63,786,550	\$69,422,950	\$74,443,350	\$77,754,350	\$79,386,750	\$79,771,750	\$79,833,350

Labor Expenditures																												
Year		2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020	2020	2020	2020	2020	2020	2020	2020
Quarter		Q2 2018	Q3 2018	Q3 2018	Q3 2018	Q4 2018	Q4 2018	Q4 2018	Q1 2019	Q1 2019	Q1 2019	Q2 2019	Q2 2019	Q2 2019	Q3 2019	Q3 2019	Q3 2019	Q4 2019	Q4 2019	Q4 2019	Q1 2020	Q1 2020	Q1 2020	Q2 2020	Q2 2020	Q2 2020	Q3 2020	Q3 2020
Month		Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Month of Project		Mo. 1	Mo. 2	Mo. 3	Mo. 4	Mo. 5	Mo. 6	Mo. 7	Mo. 8	Mo. 9	Mo. 10	Mo. 11	Mo. 12	Mo. 13	Mo. 14	Mo. 15	Mo. 16	Mo. 17	Mo. 18	Mo. 19	Mo. 20	Mo. 21	Mo. 22	Mo. 23	Mo. 24	Mo. 25	Mo. 26	Mo. 27
Estimated Dollars	\$60,746,050	\$0	\$0	\$16,227	\$32,454	\$48,681	\$146,043	\$405,676	\$1,963,473	\$4,007,865	\$4,591,715	\$4,072,125	\$1,353,165	\$917,464	\$2,463,569	\$3,842,165	\$4,576,874	\$5,248,785	\$3,627,968	\$2,324,600	\$1,752,200	\$2,501,800	\$3,004,400	\$3,736,600	\$3,459,400	\$3,113,600	\$2,721,600	\$817,600
Cumulative Dollars		\$0	\$0	\$16,227	\$48,681	\$97,362	\$243,406	\$649,082	\$2,612,555	\$6,620,420	\$11,212,135	\$15,284,260	\$16,637,425	\$17,554,889	\$20,018,458	\$23,860,623	\$28,437,497	\$33,686,282	\$37,314,250	\$39,638,850	\$41,391,050	\$43,892,850	\$46,897,250	\$50,633,850	\$54,093,250	\$57,206,850	\$59,928,450	\$60,746,050

Total Project Expenditures																												
Year		2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020	2020	2020	2020	2020	2020	2020	2020
Quarter		Q2 2018	Q3 2018	Q3 2018	Q3 2018	Q4 2018	Q4 2018	Q4 2018	Q1 2019	Q1 2019	Q1 2019	Q2 2019	Q2 2019	Q2 2019	Q3 2019	Q3 2019	Q3 2019	Q4 2019	Q4 2019	Q4 2019	Q1 2020	Q1 2020	Q1 2020	Q2 2020	Q2 2020	Q2 2020	Q3 2020	Q3 2020
Month		Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Month of Project		Mo. 1	Mo. 2	Mo. 3	Mo. 4	Mo. 5	Mo. 6	Mo. 7	Mo. 8	Mo. 9	Mo. 10	Mo. 11	Mo. 12	Mo. 13	Mo. 14	Mo. 15	Mo. 16	Mo. 17	Mo. 18	Mo. 19	Mo. 20	Mo. 21	Mo. 22	Mo. 23	Mo. 24	Mo. 25	Mo. 26	Mo. 27
Estimated Dollars	\$165,863,000	\$0	\$0	\$417,267	\$1,177,620	\$2,946,369	\$7,452,852	\$8,447,339	\$8,033,519	\$7,855,413	\$7,359,424	\$8,932,035	\$8,884,834	\$7,586,605	\$8,841,737	\$9,924,741	\$8,773,546	\$8,609,385	\$8,912,739	\$8,013,050	\$6,733,125	\$8,688,400	\$8,450,400	\$7,331,800	\$5,255,600	\$3,578,400	\$2,823,800	\$833,000
Cumulative Dollars		\$0	\$0	\$312,950	\$1,219,347	\$3,080,821	\$6,569,637	\$14,161,578	\$23,993,419	\$33,960,104	\$42,553,024	\$49,621,169	\$55,820,742	\$64,130,677	\$73,130,139	\$83,183,440	\$93,615,421	\$102,883,311	\$109,783,050	\$117,222,575	\$124,574,200	\$131,953,600	\$141,020,000	\$150,061,200	\$156,995,400	\$161,821,200	\$164,968,400	\$165,863,000
% Spend per Month		0.00%	0.00%	0.25%	0.71%	1.78%	4.49%	5.09%	4.84%	4.74%	4.44%	5.39%	5.36%	4.57%	5.33%	5.98%	5.29%	5.19%	5.37%	4.83%	4.06%	5.24%	5.09%	4.42%	3.17%	2.16%	1.70%	0.50%

NOTES: No escalation has been included.

### PROJECT DESCRIPTION:

The XXX Crude Connector Project consists of 5 Phases which are described below:

Phase 1 of the project starts on Jun 1, 2018 and is expected to be completed on Mar 1, 2019 and consists of the following: Installation of a 50K BBL tank at the XXX Facility; pumps/LACT's; and piping. Installation of 22 miles of 8" pipe to Midland; 25 miles of 4" gathering from the well pads.

Phase 2 of the project starts on Nov 15, 2018 and is expected to be completed on Sep 15, 2019 and consists of the following: Installation of a 50K BBL tank at the XXX tie-in point; pumps/LACT's; and piping. Installation of 4 miles of 8" pipe to XXX tank; 12 miles of 4" gathering from the well pads.

Phase 3 of the project starts on Mar 1, 2019 and is expected to be completed on Oct 30, 2019 and consists of the following:

Add in all of the details here, including facilities and pipelines.

Phase 4 of the project starts on Jun 15, 2019 and is expected to be completed on Mar 14, 2020 and consists of the following: Add in all of the details here, including facilities and pipelines.

Phase 5 of the project starts on Sep 15, 2019 and is expected to be completed on Jun 14, 2020 and consists of the following: Add in all of the details here, including facilities and pipelines.



