

## PDL - HDD Track Record

No	Project	Trenchless Method	Country	Client	Pipes Diameter (Inch)	Pipes Material	Length (meter)	Period of Execution (Day)
<b>2019</b>								
1	Rock Mountain Gasline - Asaluyeh	HDD	Iran	Darya Sahel	18 x 24 CSG	18" Gasline x 24" Casing	501	Unit Mobilization
2	Canal - Road Crossing - Pipelines Crossing	HDD	Iran	Tehran Jonoob - SAT	6	Steel Coated	250	4
3	Canal - Road Crossing - Pipelines Crossing	HDD	Iran	Tehran Jonoob - SAT	20	Steel Coated	850	12
4	Canal - Road Crossing - Pipelines Crossing	HDD	Iran	Tehran Jonoob - SAT	6	Steel Coated	850	4
5	River Crossing - Nasiriyah	HDD	Iraq	MSK - NRP Projects	30	Steel Coated	2380	45
6	River Crossing - Nasiriyah	HDD	Iraq	MSK - NRP Projects	4	FOC & CSG	2397	12
<b>2018</b>								
7	River Crossing - kut Oilfield	HDD	Iraq	MSK - NRP Projects	48	Steel Coated	803	52
8	River Crossing - Gharraf River	HDD	Iraq	MSK - NRP Projects	24	Steel Coated	1903	35
9	Canal - Road Crossing - Pipelines Crossing	HDD	Iran	Tehran Jonoob-SAT	6	Steel Coated	850	4
10	Canal - Road Crossing - Pipelines Crossing	HDD	Iran	Tehran Jonoob-SAT	20	Steel Coated	523	6
11	Canal - Road Crossing - Pipelines Crossing	HDD	Iran	Tehran Jonoob-SAT	6	Steel Coated	523	2
12	River Crossing - West Qurna - I	HDD	Iraq	MSK - NRP Projects	26	Steel Coated	2870	63
13	River Crossing - West Qurna - I	HDD	Iraq	MSK - NRP Projects	4	FOC & CSG	2870	12
14	River Crossing - West Qurna - II	HDD	Iraq	MSK - NRP Projects	20	HDPE	800	17
15	Salt Pit - Pipe Lines - Complex Refinery Crossing	HDD	Iran	Tehran Jonoob - SAT	6	Steel Coated	700	6
16	Canal - Road Crossing - Shif Island - Bushehr	HDD	Iran	NIGC-SG	6	Steel Coated	330	2
17	Gulf Crossing - Island to Mother Land (Shif Island)	HDD	Iran	NIGC-SG	6	Steel Coated	2250	7
18	Salt Pit - Pipe Lines - Complex Refinery Crossing	HDD	Iran	Tehran Jonoob - SAT	8 + 4 CSG	Steel Coated+ FOC	850	(10) Integrated
19	Salt Pit - Pipe Lines - Complex Refinery Crossing	HDD	Iran	Tehran Jonoob - SAT	10	Steel Coated	850	5
20	Salt Pit - Pipe Lines - Complex Refinery Crossing	HDD	Iran	Tehran Jonoob - SAT	8	Steel Coated	850	5
21	Salt Pit - Pipe Lines - Complex Refinery Crossing	HDD	Iran	Tehran Jonoob - SAT	20	Steel Coated	700	6
22	Salt Pit - Pipe Lines - Complex Refinery Crossing	HDD	Iran	Tehran Jonoob - SAT	20	Steel Coated	850	7
23	Highway-Oil Pits Crossing - Ahwaz	HDD	Iran	Darya Sahel	3 - FOC	FOC & CSG	704	Pending - Budget
24	Highway-Oil Pits Crossing - Ahwaz	HDD	Iran	Darya Sahel	36	Steel Coated	704	32
25	Iraq - Iran Border Crossing	HDD	Iran/Iraq	SCOP-TEGI-SAT	48	Steel Coated	430	28
26	River Crossing - Karoon - Ahwaz	HDD	Iran	Darya Sahel	36	Steel Coated	540	29
27	River Crossing - Karoon - Ahwaz	HDD	Iran	Darya Sahel	3 - FOC	FOC & CSG	540	3
28	Pit & Canal Crossing - Mahshahr	HDD	Iran	Tehran Jonoob - SAT	8	Steel Coated	700	7
<b>2017</b>								
29	Pit & Canal Crossing - Mahshahr	HDD	Iran	Tehran Jonoob - SAT	8	Steel Coated	700	5
30	Pit & Canal Crossing - Mahshahr	HDD	Iran	Tehran Jonoob - SAT	4	Steel Coated	700	6
31	Pit & Canal Crossing - Mahshahr	HDD	Iran	Tehran Jonoob - SAT	10	Steel Coated	700	6

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32	River Crossing - Karoon - Ahwaz	HDD	Iran	Darya Sahel	16	Steel Coated	540	12
33	River Crossing - Karoon - Ahwaz	HDD	Iran	Darya Sahel	4 - FOC	FOC & CSG	540	4
34	River Crossing - Bin omar	HDD	Iraq	SOC-Chemi Link	20	Steel Coated	800	13
35	River Crossing - Bin omar	HDD	Iraq	SOC-Chemi Link	4 - FOC	FOC & CSG	800	7
36	Highway-Oil Pits Crossing - Ahwaz	HDD	Iran	Darya Sahel	20	Steel Coated	542	12
37	River Crossing - Karoon - Ahwaz	HDD	Iran	Darya Sahel	4 - FOC	FOC & CSG	542	4
<b>2016</b>								
38	River Crossing - Shatt Al Basra	HDD	Iraq	SOC-CPECC	18	Steel Coated	475	20
39	River Crossing - Shatt Al Basra	HDD	Iraq	SOC-CPECC	4 - FOC	FOC & CSG	475	(5) Integrated
<b>2015</b>								
40	River Crossing - Shatt Al Basra	HDD	Iraq	SOC-CPECC	18	Steel Coated	475	15
41	Road Crossing - Kute Amir	HDD	Iran	SINOPEC-Jahan Pars	36	Steel Coated	470	19
42	Road Crossing - Kute Amir	HDD	Iran	SINOPEC-Jahan Pars	30	Steel Coated	470	17
43	Road Crossing - Kute Amir	HDD	Iran	SINOPEC-Jahan Pars	4 - FOC	FOC & CSG	470	3
44	Road Crossing - Kute Amir	HDD	Iran	SINOPEC-Jahan Pars	4 - FOC	FOC & CSG	470	3
<b>2014</b>								
45	Road Crossing - Ferrari City Highway - Abu Dhabi	HDD	UAE	Harison - Techno	48	Steel Coated	540	38
46	River Crossing - West Qurna-II	HDD	Iraq	Luk Oil - Harison	42	Steel Coated	1480	65
<b>2013</b>								
47	River Crossing - Karoon - Ahwaz	HDD	Iran	Naftkav-Jahan Pars	36	Steel Coated	640	22
48	River Crossing - Karoon - Ahwaz	HDD	Iran	Naftkav-Jahan Pars	4 - FOC	FOC & CSG	640	7
49	River Crossing - Karoon - Ahwaz	HDD	Iran	Naftkav-Jahan Pars	4 - FOC	FOC & CSG	640	6
50	River Crossing -Arvand - Khorramshahr	HDD	Iran	Niroo Gostar - SAT	42	Steel Coated	720	12
51	River Crossing -Arvand - Khorramshahr	HDD	Iran	Niroo Gostar - SAT	42	Steel Coated	720	18
<b>2012</b>								
52	River Crossing -Arvand - Khorramshahr	HDD	Iran	Niroo Gostar - SAT	42	Steel Coated	720	21
53	River Crossing -Arvand - Khorramshahr	HDD	Iran	Niroo Gostar - SAT	42	Steel Coated	720	17
<b>2010</b>								
54	River Crossing - Karoon- Darkhovin	HDD	Iran	Niroo Gostar - SAT	42	Steel Coated	680	21
55	River Crossing - Karoon - Darkhovin	HDD	Iran	Niroo Gostar - SAT	42	Steel Coated	680	19
<b>2009</b>								
56	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	30	Steel Coated	545	28
57	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	26	Steel Coated	545	18
<b>2008</b>								
58	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	24	Steel Coated	545	31
59	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	12	Steel Coated	545	10

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60	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	16	Steel Coated	545	12
61	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	12	Steel Coated	545	29
62	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	28	Steel Coated	545	25
63	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	16	Steel Coated	545	14
64	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	18	Steel Coated	545	14
<b>2007</b>								
65	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	20	Steel Coated	545	24
66	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	24	Steel Coated	545	22
67	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	30	Steel Coated	545	19
68	River Crossing - Karoon - Bahman Shir - Abadan	HDD	Iran	IPOTC - Naftkav	26	Steel Coated	545	45