

## PAKATZ Engineering (1997) Ltd - Partial List of Projects

Estimated Cost[\$]	Customer	General Date			Project Name
		Type of Structure	Width [m]	Total length [m]	
2,500,000	PWD of Israel	Precast Walls, Beams	18	70	<b>Murasha Road Tunnel on Road No`5</b>
2,600,000	PWD of Israel	AASHTO beams	14-Bridge 6X2-CulvertX2	75-Bridge 40-CulvertX2	<b>Constructions on Road No`412, New Ayalon River Bridge, Reconstruction of old Ayalon River Bridge, Two Shafirim and Uno Culverts</b>
3,000,000	PWD of Israel	AASHTO beams	39.0	51.5	<b>Shfaram River Bridge on Road No`70</b>
3,600,000	PWD of Israel	PAKATZ Segments	14.2	252	<b>Pharan River Bridge on Road No`90</b>
3,400,000	PWD of Israel	AASHTO-VI beams	9.5	520	<b>Jerusalem Exit - Ben-Gurion Airport, Route No`1</b>
800,000	PWD of Israel	Culverts, Retaining Walls	-	2 Km of Road	<b>Road Constructions on Road No` 2</b>
500,000	PWD of Israel	Conventional Plate	8.0	80	<b>Brosh Road Tunnel on Road No`25</b>
1,400,000	PWD of Israel	Some Road Constructions	-	3 Km of Road	<b>Constructions on Road No`436, Culverts, Pedestrian Tunnels, Retaining Walls</b>
8,500,000	PWD of Israel	PAKATZ Segments	14.0	400	<b>Moza Viaducts - Route No`1, Jerusalem - Tel-Aviv</b>
2,500,000	PWD of Israel		25	195	<b>Overpass No`5 over Railway on Road N 431</b>

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45,000,000	PWD of Israel	Post-Tensioned Plate	30	75 – Overpass 2 km– Walls	<b>Constructions on Road No`471, Overpass, Retaining Walls, Sound Barriers, Culverts</b>
6,000,000	PWD of Israel	Post-Tensioned Plate	Tunnel-18 Overpasses-12	Tunnel-150, Overpasses-30,50	<b>Constructions on Road No`1, Overpasses, Road Tunnel, Retaining Walls, Sound Barriers, Culverts</b>
1,100,000	PWD of Israel	Girder Bridge	14	80	<b>Amishav Overpass on Road No`471</b>
	PWD of Israel				<b>Project Rehabilitation of Road Bridges and Constructions in Central Area of PWD</b>
	PWD of Israel				<b>Project Rehabilitation of Road Bridges and Constructions in North Area of PWD</b>
2,200,000	Netivey Ayalon	U-Beams	22	140	<b>Kaplan Overpass, Petah Tiqwa Exit - Netivey Ayalon East</b>
950,000	Moriah Co'	Conventional Plate	20	25	<b>Point 141 of Route N1, Jerusalem</b>
3,500,000	Moriah Co'	Post-Tensioned Plate	2x14.2	136	<b>2 River Sorec Bridges, Route N9 - Jerusalem</b>

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2,100,000	Moriah Co'	Post-Tensioned Plate	40	120	<b>Pat-Gilo Overpass on the Route N4 (South) Jerusalem</b>
2,800,000	Moriah Co'	Post-Tensioned Plate	12.2	100	<b>Beit Tsafafa Overpass on the Route N4 (South) Jerusalem</b>
15,000,000	Moriah Co'	Segment Bridge	36	650	<b>B23 Viaduct on the Vest Ring Road, Jerusalem</b>
11,000,000	Moriah Co'	Segment Bridge	36	450	<b>A10 Viaduct on the Vest Ring Road, Jerusalem</b>
500,000	Moriah Co'	Girder Bridge	5	70,30	<b>Pedestrian Bridges on Pedestrian Way 4/9</b>
500,000	Moriah Co'	Steel Bridge	3.0	45	<b>Pedestrian Bridges on Road N 1, Jerusalem</b>
4,500,000	Ministry of Constructions	Segment Bridge	35	250	<b>Viaduct over Canyon Anabe on Road No` 3, Modiin</b>
900,000	Ministry of Tourism	-	-	3 Km of Road	<b>Constructions on Road No`425 - Abu-Gosh, Retaining Walls, Parking</b>
12,000,000	Yafe Nof Co`	Girder Bridge/ Segment Bridge	30/18,2	200/300	<b>Flyover on Road Ha-Hagana, Haifa - Overpass, Sea Bridge, Retaining Walls</b>
5,600,000	Yafe Nof Co`	Girder Bridges/ Segment Bridge	25 ,25 ,8	30 ,95 ,130	<b>3 Overpasses on Flyover 4/2, Haifa</b>
140,000,000	Israel Railway Department	All kinds of Structures	6-18	Bridges - 3800, C&C tunnels- 2000, R/Walls - 13000	<b>15 Railway Bridges and 3 Railway Tunnels, Retaining Walls, Culverts on Ben-Gurion - Modiin Line</b>
2,500,000	Israel Railway Department	Girder Bridge	11	60	<b>Naaman Railway Bridge</b>

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40,000,000	PWD of Israel	All kinds of Structures	12-40	Bridges - 1800, R/Walls - 30,000	<b>Constructions on Road No`431 - 11 Bridges, 30 km Retaining Walls, Culverts</b>
40,000,000	PWD of Israel	Bridges	12-40	Bridges - 1800, R/Walls - 30,000	<b>Bridge General Design Road No`431 - 71 Bridges. Head of Bridge Design Section 11 Bridges - Detail design</b>
5,200,000	PWD of Israel	Post-Tensioned Plate	12.2-30	300	<b>Constructions on Road No`461 - 5 Bridges, Retaining Walls</b>
60,000,000	Israel Railway Department	All kinds of Structures	7-40	2400	<b>24 Railway Bridges and 12 Road Bridges, RW Tunnel, Retaining Walls, Culverts on Naan- Beer Sheva Line</b>
1,300,000	Israel Railway Department	Segment Bridge	8	140	<b>Railway Overpass on Road 4313</b>
15,000,000	Hotze Israel	All kinds of Structures	17-30	800	<b>11 Road Bridges on Section 19 of Road Hotze Israel &amp; 8 Big Span Culverts</b>
35,000,000	Detail Design	All kinds of Structures	8-11.5	2250	<b>10 Railway Bridges, Railway Tunnel, 12 Agricultural Bridges on Ashkelon - Beer Sheva Line</b>
50,000,000	Israel Railway Department	All kinds of Structures	8-22	3850	<b>12 Railway and 2 Road Bridges on Ha-Emek Line</b>
25,000,000	PWD of Israel	All kinds of Structures	12.2-30	1000	<b>Constructions on Road No`4 - Ad Halom Interchange - 7 Bridges, Retaining Walls, Culverts</b>

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100,000,000	Shafir	All kinds of Structures	12-25	Tunnel – 1200 Bridges - 100	<b>531 Road construction Section Raanana Darom - Railway Tunnel, Railway bridge, Railway Station, Pedestrian Bridge and other structures</b>
20,000,000	PWD of Israel	Bridges	15-25	Bridges - 800	<b>Bridge and Structure Design of Road No`71 - about 10 Bridges - Detail design</b>
15,000,000	PWD of Israel	All kinds of Structures	10-40	150	<b>Constructions on Road No`531/20 - Bridges, Underpasses, Retaining Walls</b>
					<b>Many other Projects</b>

Estimated Cost[\$]	Customer	General Date			Project Name
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5,500,000	Moscow Government	Girder Bridge	36	220	Reconstruction of Samotechnay Overpass (Moscow)
96,000,000	Moscow Government	Cast in place post-tensioned plate, incremental launching	12-36	2200	8 Overpasses, New Moscow Ring Road # 2
6,000,0000	Moscow Government	Segment Bridge	36	400	Rehabilitation Bridge over the Moscow river nearby Schukino-Strogino
28,500,000	Moscow Government	Cast in place post-tensioned plate	36	406	Lugniki Overpass, Moscow Internal Ring Road #3
120,000,000	Moscow Government	Cast in place post-tensioned plate	36	2500	Tulskay Overpass, Moscow Internal Ring Road #3
14,200,000	Moscow Government	Cast in place post-tensioned plate	23	307	Sheremetyevo Overpass, North-West Exit Highway
16,800,000	Moscow Government	Cast in place post-tensioned plate	36	450	Leninsky Overpass, Moscow Internal Ring Road #5
3,500,000	Federal Road Service of Russia	Steel Bridge	14.5	189	Suda River Bridge Reconstruction
15,000,000	Federal Road Service of Russia	Segment Bridge	38	950	Rehabilitation Alexander Nevski bridge over the Neva river in S.-Peterburg city
12,200,000	Moscow Government	Cast in place post-tensioned	22-40	350	3 Section of Gagarin Tunnel in

		plate			<b>Moscow Internal Ring Road #5</b>
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12,200,000	Moscow Government	Cast in place post-tensioned plate	22-40	350	<b>3 Section of Gagarin Tunnel in Moscow Internal Ring Road #5</b>
18,000,000	Moscow Government	Cast in place post-tensioned plate	24	300	<b>Begovaya Overpass</b>
13,500,000	Moscow Government	Cast in place post-tensioned plate, Arch	18	250	<b>Lefortovo Overpass</b>
125,000,000	Russia Government	Cast in place post-tensioned plate, incremental launching	18-36	2000	<b>Russia Interchange' St Petersburg number of bridges</b>
12,500,000	Moscow Government	Number of Bridges			<b>Pedestrian bridges in Moscow</b>
95,000,000	Moscow Government	Cast in place post-tensioned plate, incremental launching	24	2100	<b>Vnukovo Overpass</b>
40,000,000	Azerbaijan Government	Cast in place post-tensioned plate	22	900	<b>3 Overpasses in Baku, Azerbaijan</b>
					<b>And many other</b>