

Table A9-5
Average Road Works Unit Costs

Work Class	Work Type	Predominant Work Activity	Financial Cost (US\$/km)	Financial Cost (US\$/m2)
Routine Maintenance	Routine Maintenance	Routine Maintenance Unpaved	1,680	N.A.
		Routine Maintenance Paved	3,866	N.A.
	Grading	Grading	91	N.A.
Periodic Maintenance	Regravelling	Regravelling 75 mm	8,775	1.46
	Asphalt Mix Resurfacing	Micro Surfacing 12 mm	20,232	2.81
		Asphalt Overlay 50 mm	36,576	5.08
	Strengthening	Asphalt Overlay 80 mm	57,888	8.04
		Asphalt Overlay 120 mm	65,880	9.15
		Asphalt Overlay 160 mm	87,840	12.20
		Asphalt Overlay 200 mm	109,800	15.25
		Mill and Replace 20/50 mm	63,072	8.76
Improvement	Upgrading	Upgrading to Earth Surface	23,855	3.67
		Upgrading to Gravel Surface	33,300	5.12
		Upgrading to Stone Surface	50,000	7.69

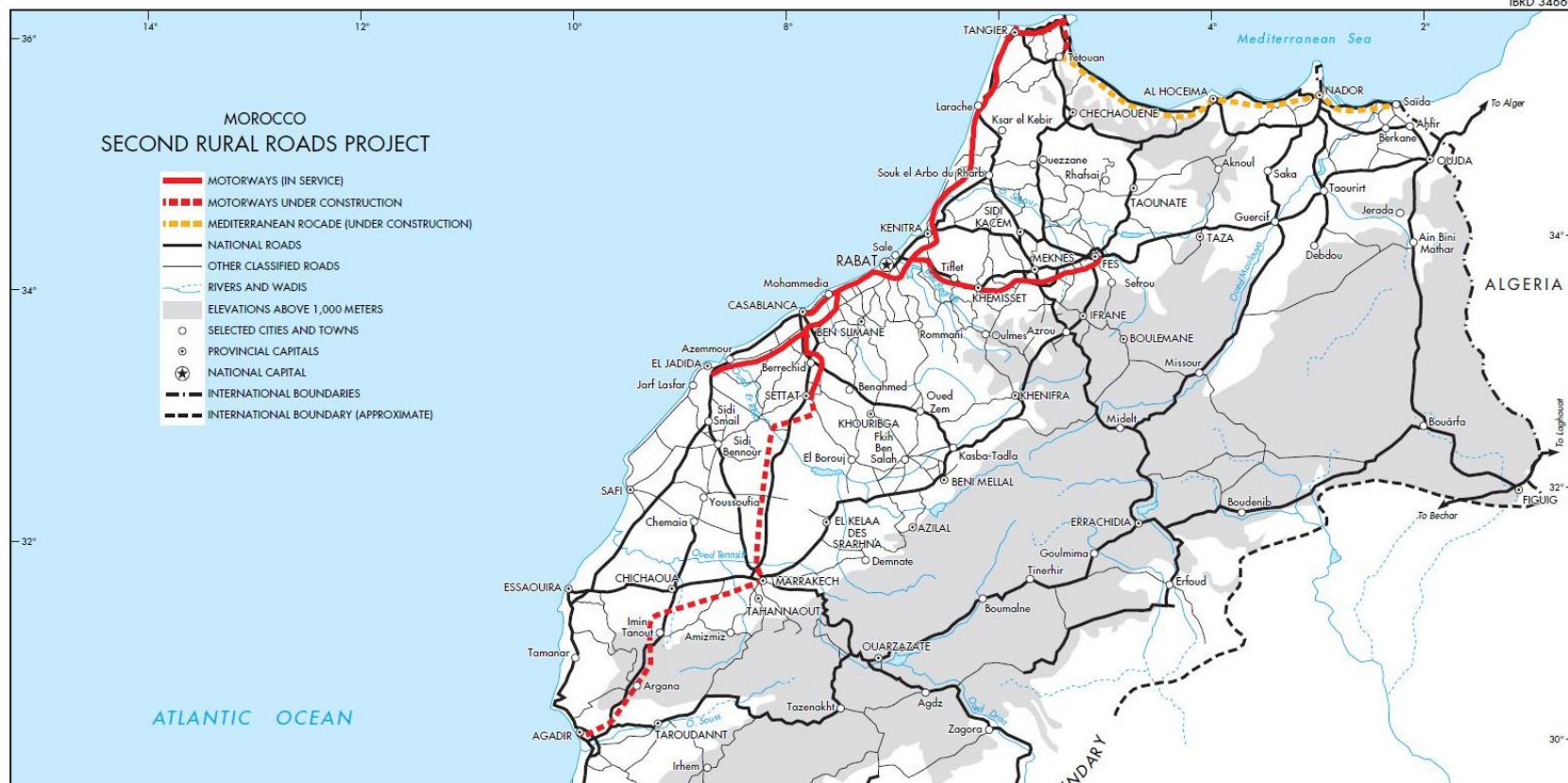
Cost per km considers 7.2 m wide paved roads and 6.5 m wide unpaved roads

C. Performance-based Maintenance Contracting Program

8. The paved roads network of Paraguay totals around 4,000 km and carries 1,674 million vehicle-km per year. The MOPC defined a core paved roads network to be rehabilitated and maintained under a program of seven GMANS contracts, which totals 2,012 km and carries 1,403 million vehicle-km per year that represents 50% and 84% respectively of the total paved roads network. Table A9-6 presents the performance-based maintenance program road sections.

Table A9-6
GMANS Contracts Road Sections

GMANS Contract	Segment	Length (Km)
I	PY 02: Caacupé – Inicio concesión Tapé Porá	381
	PY 03: Limpio – Empalme PY 08	
	PY 08: Empalme PY 03 – Coronel Oviedo	
II	South Access: Desvío a Guarambaré - Itá	337
	PY 01: Itá - Encarnación	
III	PY 06: Encarnación – Empalme PY 07	250
IV	PY 08: Empalme PY 03 – Yby Yau	393
	PY 05: Pedro Juan Caballero - Concepción	
V	PY04: San Ignacio- Pilar	142
VI	PY 07: Hernandarias – Empalme PY 03	400
	PY 03: Empalme PY 08 – Saltos del Guaira	
URBAN	PY 02: San Lorenzo – Caacupé	108
	Acceso Sur: 4 Mojones – Desvío a Guarambaré	
Total		2,011



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Spôsob	Opatrenie	Typ: (NF)	Kontakt RO/SOR	Opatrenie	ZACIATOK	KONIEC	Názov prijímateľ	IČO	DIČ	Adresa	Právna forma	Výzva / Vyzvaný	GPS
Predkladateľ	101	PP	http://www.RO	1.1 Podpora	1/1/2012	8/31/2013	Človek v tísni, o. p. s.	35562617	202192	C Spišské	Nezisková	OP ZaSI NP 201	49.001663,20.754192
Systém	102	PP	http://www.RO	1.2 Podpora	7/1/2008	#####	Spišsko - gemerský	35582944	2022491	Rožňava	Nezisková	OP ZaSI 2008/1	48.662338,20.532640
Systém	102	PP	http://www.RO	1.2 Podpora	7/1/2008	#####	Horehronský sociálny	42000882	2022581	Brezno	Nezisková	OP ZaSI 2008/1	48.802200,19.642200
Systém	102	PP	http://www.RO	1.2 Podpora	7/1/2008	#####	Revúcky sociálny	42000939	2022581	Muráň	Nezisková	OP ZaSI 2008/1	48.740379,20.046860
Vytvorenie	102	PP	http://www.RO	1.2 Podpora	9/1/2008	2/28/2011	Mesto Krompach	329282	2021331	Krompach	Obec (ob)	OP ZaSI 2008/1	48.90229,20.875305
Systém	102	PP	http://www.RO	1.2 Podpora	7/1/2008	6/30/2010	Gemerský sociálny	42000921	2022581	Klenove	Nezisková	OP ZaSI 2008/1	48.597035,19.890100
Systém	102	PP	http://www.RO	1.2 Podpora	7/1/2008	6/30/2010	Veľkokrtíšsky sociálny	42000947	2022579	Veľký Kr	Nezisková	OP ZaSI 2008/1	48.21067,19.34600
Fázy realizácie	102	PP	http://www.RO	1.2 Podpora	7/1/2008	#####	Agentúra rozvoja	42035279	2022397	Humen	Združenie	OP ZaSI 2008/1	48.930652,21.889265
1. Príprava	102	PP	http://www.RO	1.2 Podpora	7/1/2008	#####	ARVIK - Rozvojové	42028027	2022065	Bardejov	Združenie	OP ZaSI 2008/1	49.292583,21.27362
Identifikácia	102	DOP	http://www.SIA	1.2 Podpora	3/1/2009	#####	A.C.H., s. r. o.	31695884	2020485	Košice-Z	Spoločnosť	DOP-SIA-2008/	48.71664,21.253348
Ciele projektu	102	DOP	http://www.SIA	1.2 Podpora	5/1/2009	#####	Inštitút sociálnych	42084415	2022736	Prešov	Združenie	DOP-SIA-2008/	48.99265,21.243650
Základná	102	DOP	http://www.SIA	1.2 Podpora	4/1/2009	7/31/2010	Združenie kresťanov	641162	2020848	Spišská	Združenie	DOP-SIA-2008/	48.94277,20.57233
Po ukončení	102	DOP	http://www.SIA	1.2 Podpora	4/1/2009	3/31/2010	Mesto Sečovce	331899	2020724	Sečovce	Obec (ob)	DOP-SIA-2008/	48.702801,21.652700
Realizácia	102	DOP	http://www.SIA	1.2 Podpora	6/1/2009	7/31/2010	V I K O spol. s r. o.	31584764	2020435	Považská	Akciová spoločnosť	DOP-SIA-2008/	49.116456,18.443117
Po ukončení	102	DOP	http://www.SIA	1.2 Podpora	4/1/2009	7/31/2010	Mesto Spišské Vlachy	329657	2021331	Spišské Vlachy	Obec (ob)	DOP-SIA-2008/	48.948689,20.793954
Tento projekt	102	DOP	http://www.SIA	1.2 Podpora	5/1/2009	#####	Mesto Humenné	323021	2021232	Humen	Obec (ob)	DOP-SIA-2008/	48.93733,21.905475
Stanovisko	102	DOP	http://www.SIA	1.2 Podpora	4/20/2009	#####	obec Spišské Bystré	326542	2020674	Spišské Bystré	Obec (ob)	DOP-SIA-2008/	48.992365,20.24314
Realizácia	102	DOP	http://www.SIA	1.2 Podpora	8/1/2009	3/31/2011	Elaut BauMont s.r.o.	36502979	2021945	Snina, Štátna	Spoločnosť	DOP-SIA-2008/	48.98759,22.147354
Projekt	102	DOP	http://www.SIA	1.2 Podpora	4/1/2009	#####	ATEA Slovakia, s.r.o.	36551490	2021614	Mojmír	Spoločnosť	DOP-SIA-2008/	48.314855,18.0875511
Realizácia	102	DOP	http://www.SIA	1.2 Podpora	3/1/2009	#####	Obec Bacúch	313254	2021222	Bacúch	Obec (ob)	DOP-SIA-2008/	48.857546,19.807133
1. Príprava	102	DOP	http://www.SIA	1.2 Podpora	3/1/2009	#####	Mesto Vráble	308641	2021056	Vráble	Obec (ob)	DOP-SIA-2008/	48.244017,18.306133
Ciele projektu	102	DOP	http://www.SIA	1.2 Podpora	5/1/2009	#####	VZDELÁVACIA A INFORMAČNÁ	42102634	2022735	Košice-J	Združenie	DOP-SIA-2008/	48.718899,21.252100
Hlavné mesto	102	DOP	http://www.SIA	1.2 Podpora	4/1/2009	8/31/2010	Obec Zlatá Baňa	328031	2021296	Zlatá Baňa	Obec (ob)	DOP-SIA-2008/	48.950871,21.417219
Stanovisko	102	DOP	http://www.SIA	1.2 Podpora	9/1/2009	3/31/2011	Obec Kravany	326291	2020674	Kravany	Obec (ob)	DOP-SIA-2008/	48.758935,21.64193

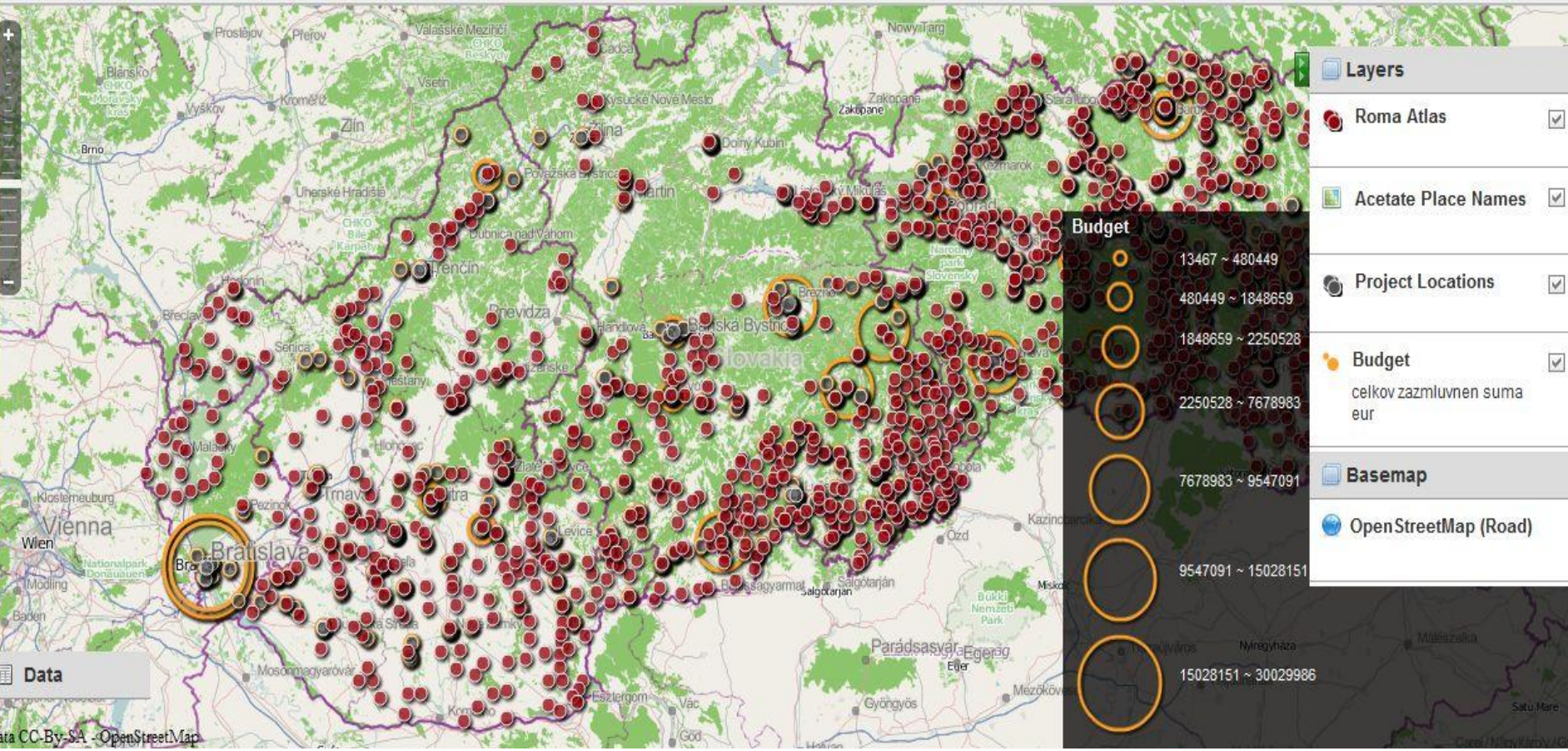
Roma projects OP Employment and Social Inclusion

Designed by [Maria Gabriela Porro](#) about 1 month ago

About

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Geocoding Methodology

1. The coordinates corresponds to an exact location such as a populated place.
2. The location is mentioned in the source as being “near” or in the “area”.
3. The location is in the second order administrative division (ADM2), such as a district or municipality.
- 4.1 The location is an entire first order administrative division (ADM1) such as a province, state.
- 4.2 The location is within a first order administrative division but the location within the ADM1 is unknown.
5. The location can only be related to estimate coordinates such as jungles and rivers.
6. The location can only be related to an independent political entity, meaning the pair of coordinates that represent a country.
- 8.1 The location represents funding to a government agency.
- 8.2 The location represents funding to a government agency but this is not the only location for the project.