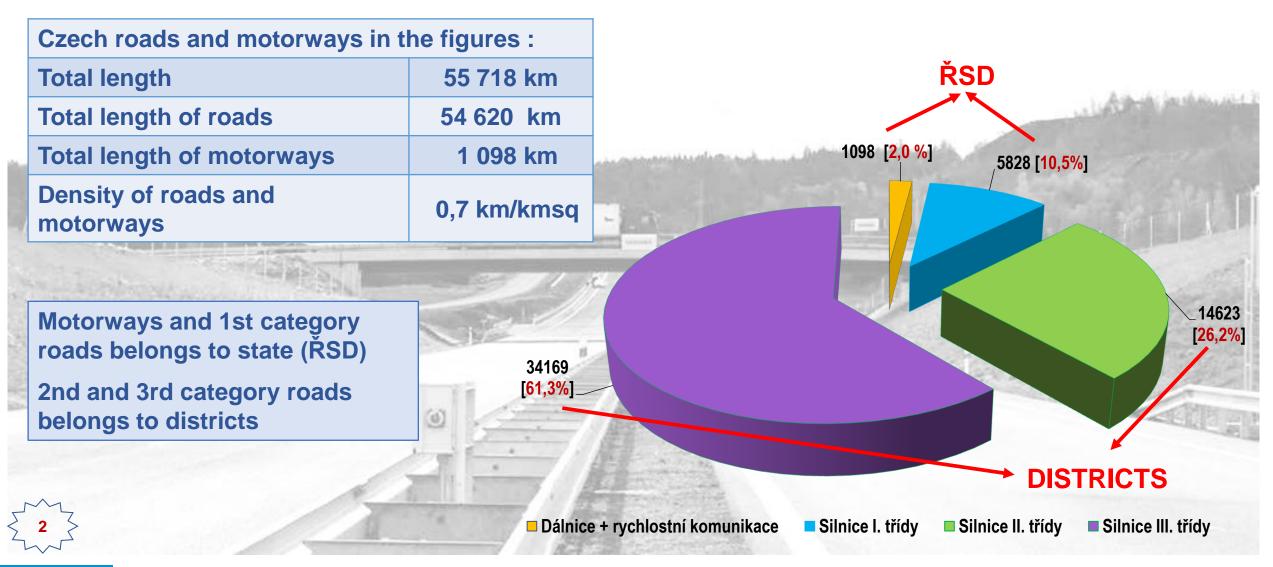
GENERAL INFORMATION REGARDING DEVELOPMENT OF ROAD NETWORK IN CZECH REPUBLIC

VÁCLAV NEUVIRT, Ph.D

GENERAL INFORMATION REGARDING DEVELOPMENT OF ROAD NETWORK IN CZECH REPUBLIC





Stand of Motorway Network

Stand 1.1.2018

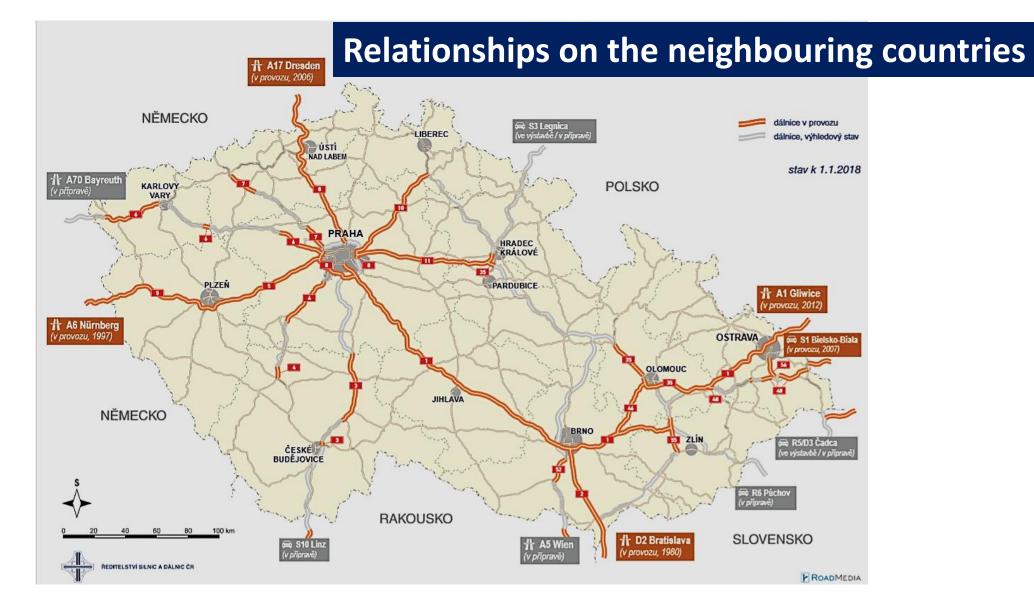




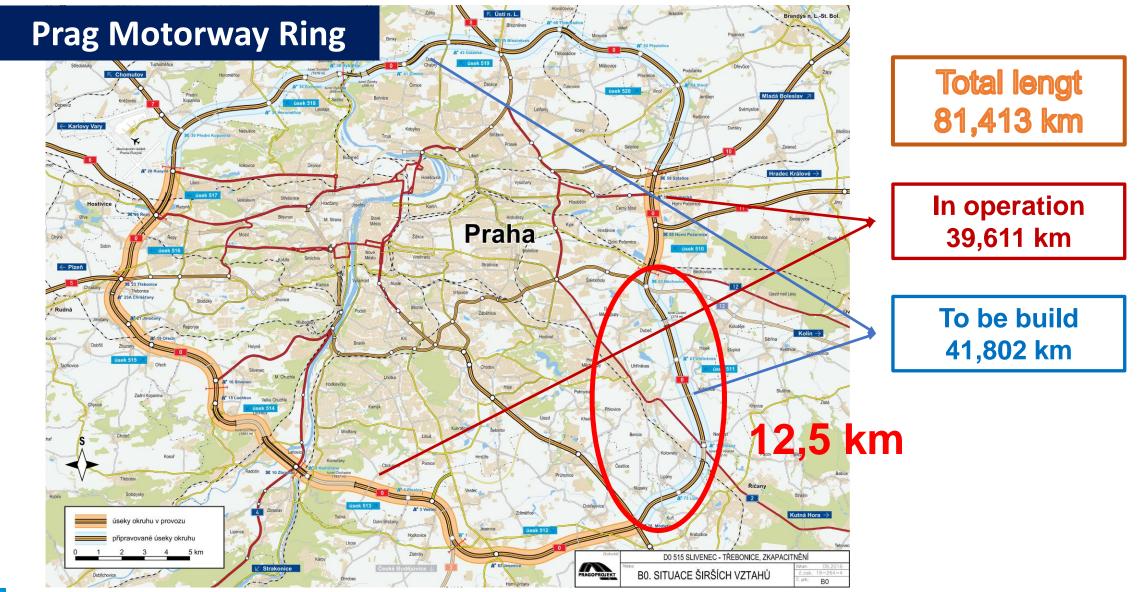
Proposed motorway network



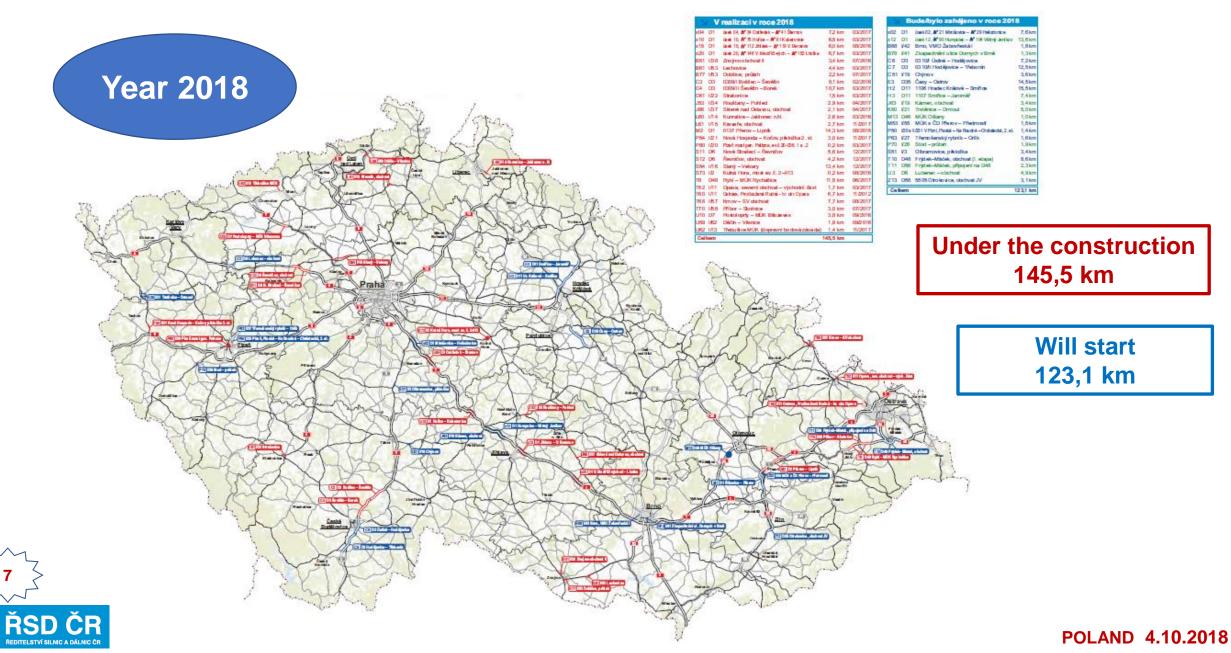


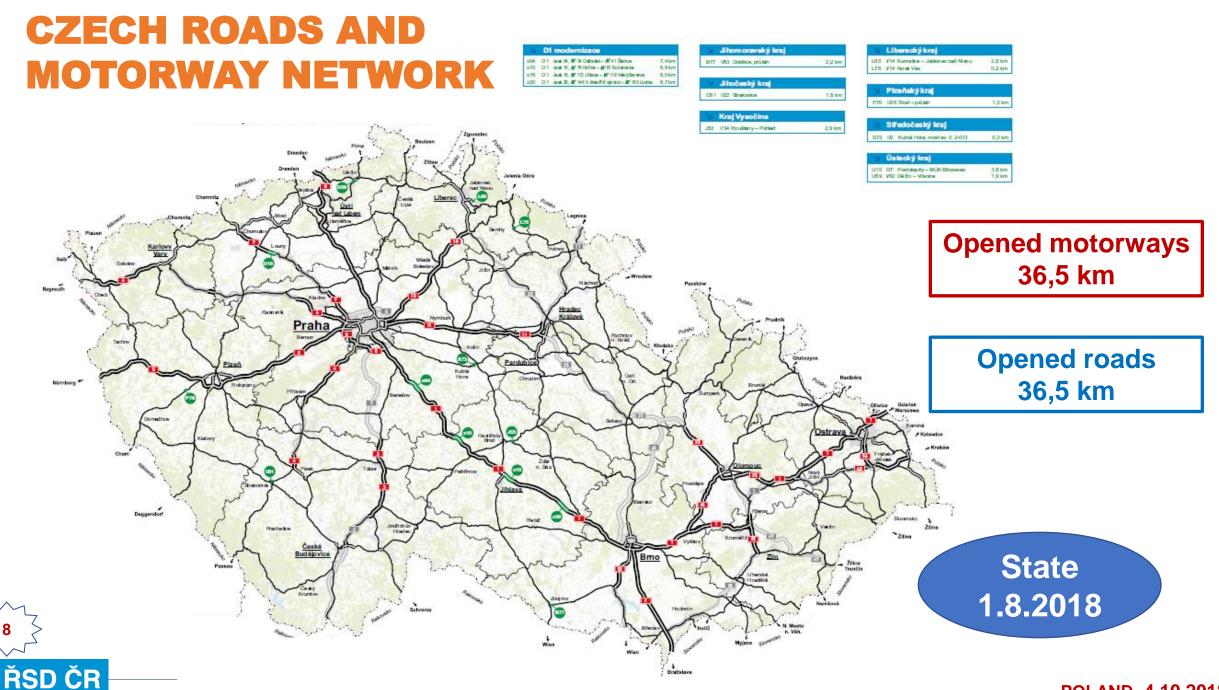






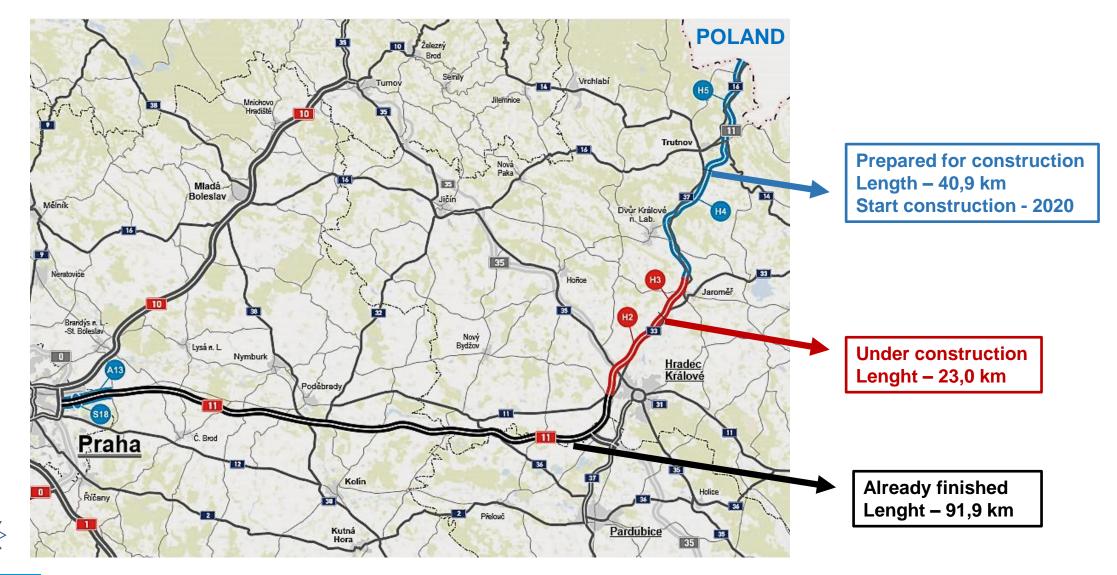






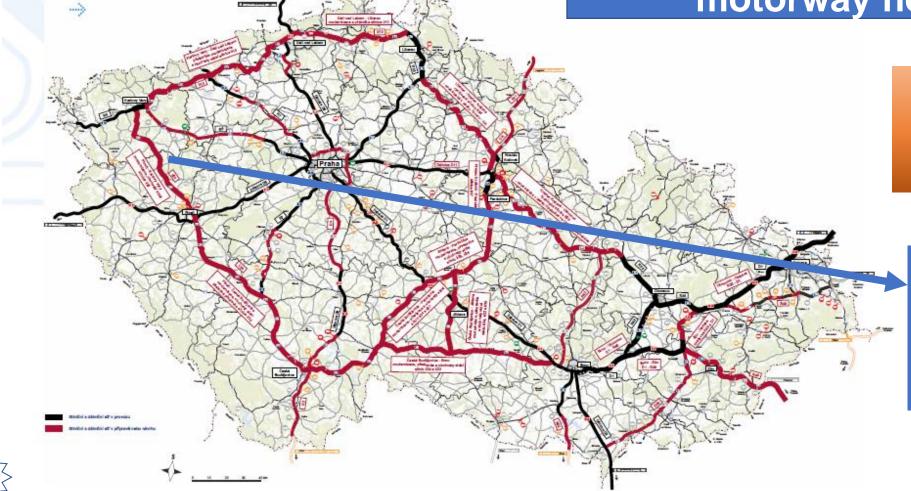
EDITELSTVÍ SILNIC A DÁLNIC ČI

THIRD MOTORWAY CONNECTION TO THE POLAND





Proposal for extention of the motorway network



New motorway ring to connect capitals of districts

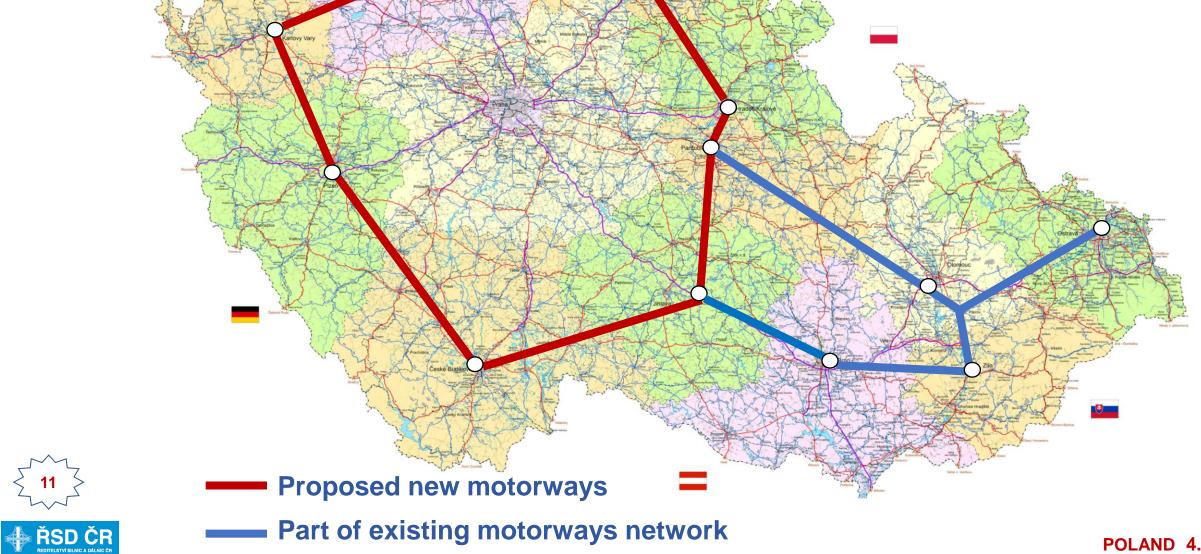
FAR

FUTURE

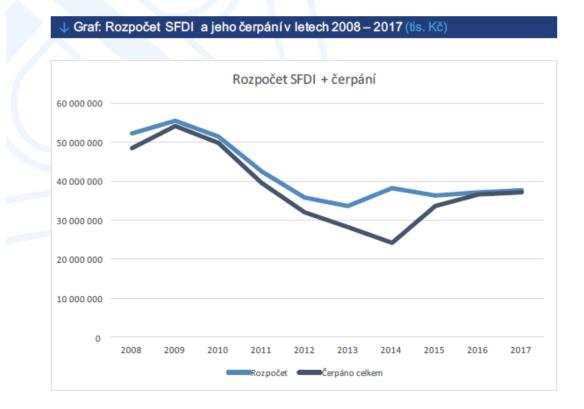




Districts in the Czech Republic



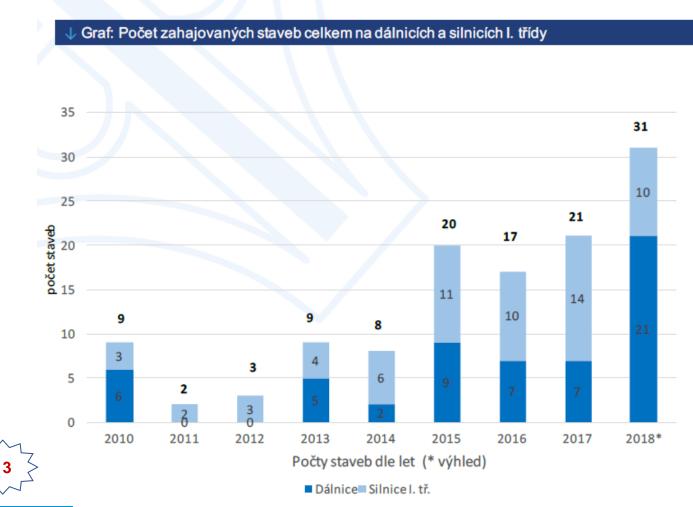
How we spend the money from budget in time period 2008 - 2017



	Rozpočet SFDL a 017 (tis. Kč)	jeho čerpání v letech	
Rok	Rozpočet	Čerpáno celkem	%
2008	52 299 770	48 408 940	92,56%
2009	55 537 659	54 099 411	97,41%
2010	51 325 255	49 754 147	96,94%
2011	42 619 526	39 492 514	92,66%
2012	35 846 875	32 184 159	89,78%
2013	33 618 913	28 161 243	83,77%
2014	38 278 035	24 132 956	63,05%
2015	36 291 663	33 789 385	93,11%
2016	37 131 707	36 724 760	98,90%
2017	37 772 544	37 211 773	98,52%



Started constructions in time period 2010 - 2018

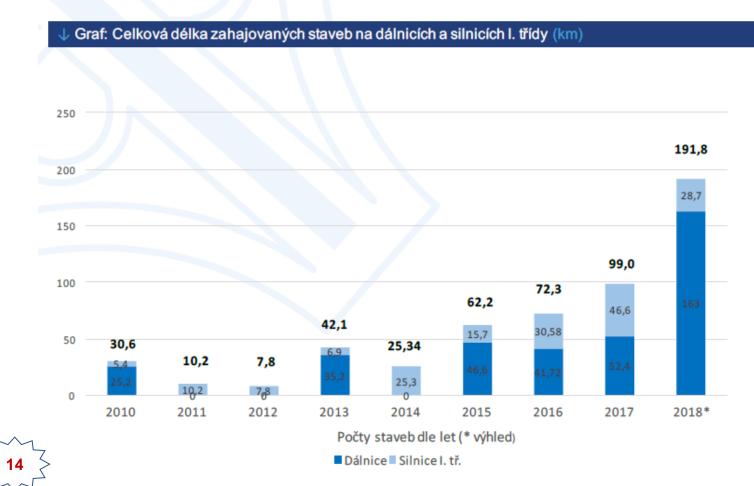


Tabulka: Počet zahajovaných staveb celkem na dálnicích a silnicích I. třídy

Rok zahájení	Dálnice	Silnice I. tř.	Celkem
2010	6	3	9
2011	0	2	2
2012	0	3	3
2013	5	4	9
2014	2	6	8
2015	9	11	20
2016	7	10	17
2017	7	14	20
2018*	21	10	31

REDITELSTVÍ SILNIC A DÁLNIC CR

Started constructions in time period 2010 - 2018



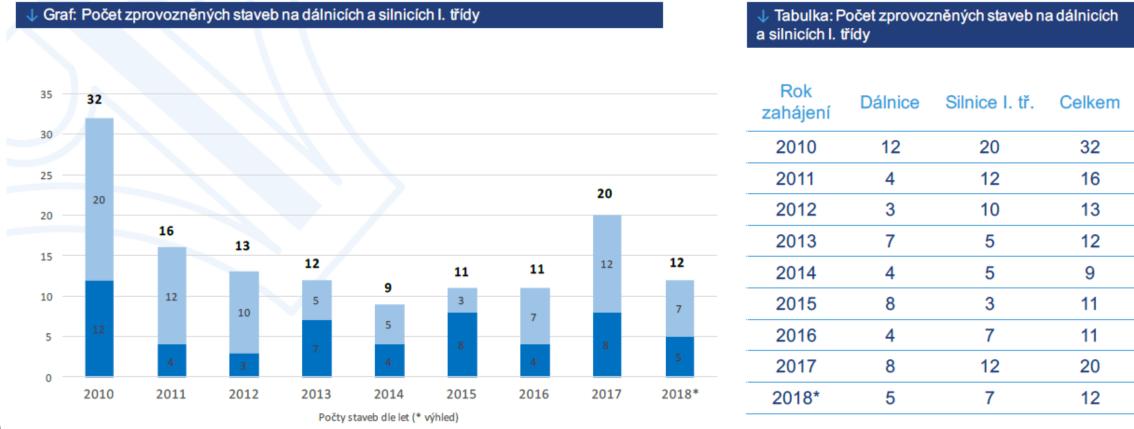
Tabulka: Celková délka zahajovaných staveb na dálnicích a silnicích I. třídy (km)

Rok zahájení	Dálnice	Silnice I. tř.	Celkem
2010	25,2	5,4	30,58
2011	0	10,2	10,16
2012	0	7,8	7,83
2013	35,2	6,9	42,14
2014	0	25,3	25,34
2015	46,6	15,7	62,27
2016	41,72	30,58	72,30
2017	52,4	46,6	99,00
2018*	163	28,7	191,8



Constructions put into the operation in time period 2010 - 2018

Dálnice Silnice I. tř.







BUDGET ŘSD FOR THE YEAR 2018	2018
	(thousand Kč)
	38 186 893
	(thousand €)
	1 485 871

BUDGET ŘSD – PROPOSAL FOR THE PERIOD 2019-2023				
2019	2020	2021	2022	2023
(thousand Kč)	(thousand Kč)	(thousand Kč)	(thousand Kč)	(thousand Kč)
53 030 326	67 915 946	84 246 442	70 910 830	54 703 761
(thousand €)	(thousand €)	(thousand €)	(thousand €)	(thousand €)
2 063 436	2 642 643	3 278 072	2 759 176	2 128 551

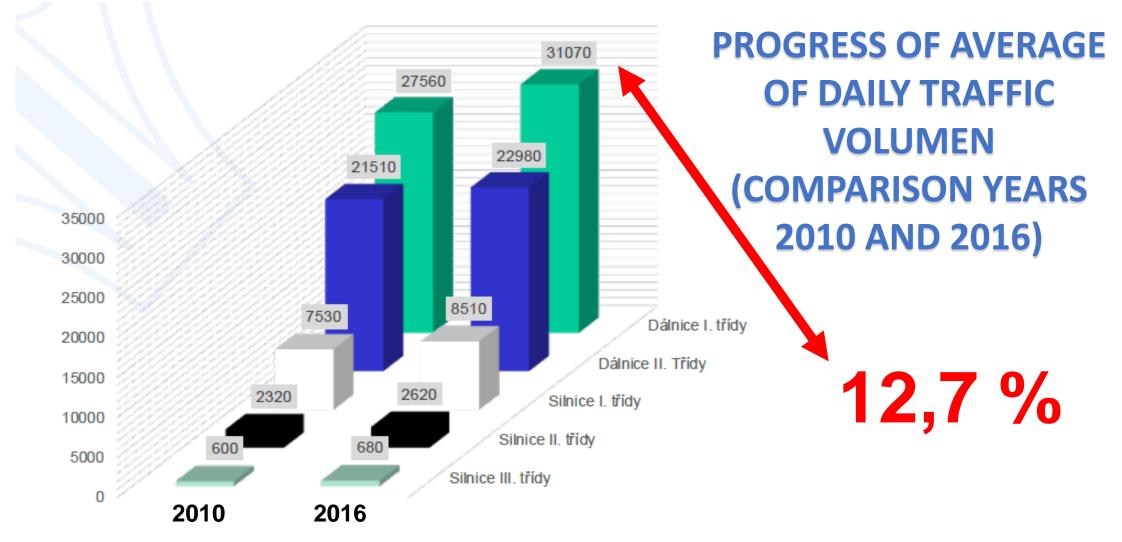


16

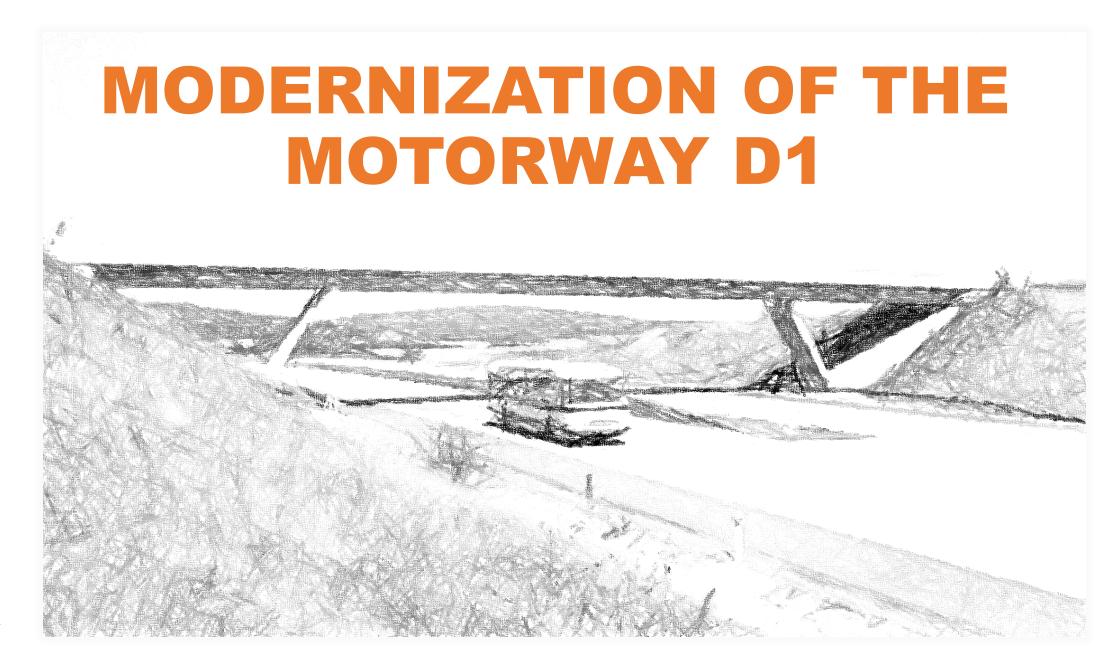
Average costs per one kilometer (year 2018)

Type of road	Costs per one kilometer		
Motorway now building	201 900 948 Kč		
Motorway – new building	7 856 068 €		
Motorway modernization	136 101 596 Kč		
Motorway - modernization	5 295 782 €		
Dood 1st optogory	124 569 723 Kč		
Road 1 st category	4 847 017 €		

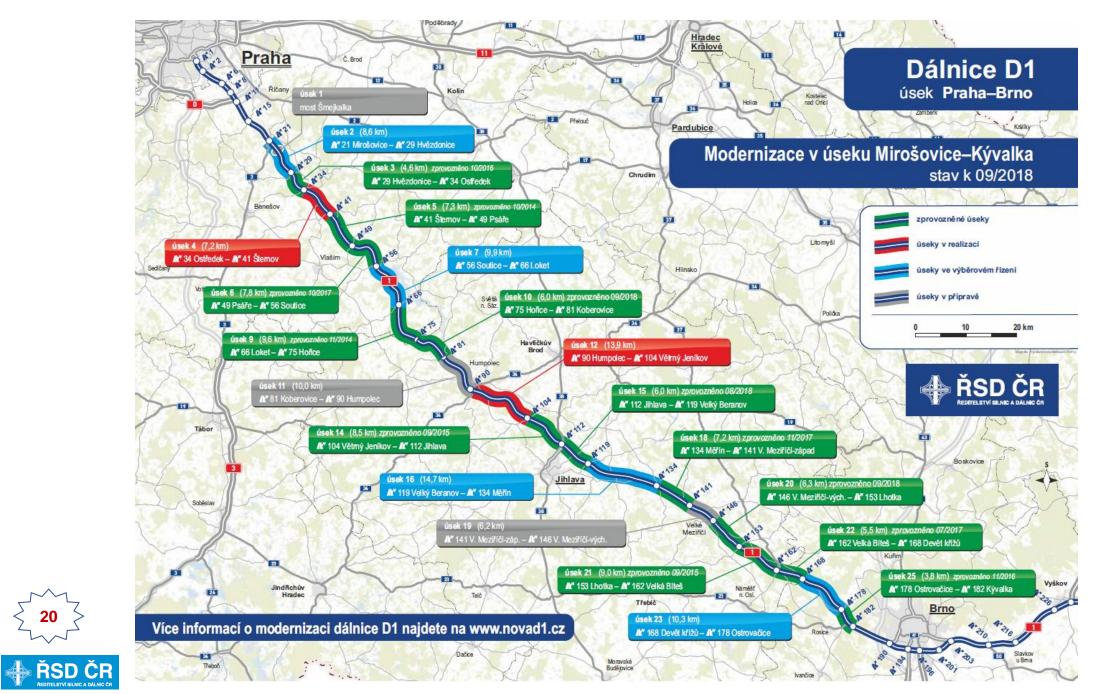




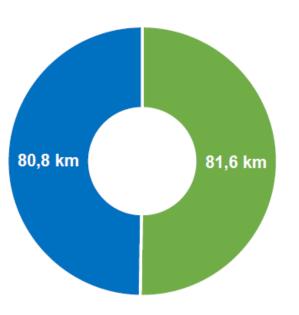








Úsek	2018	Délka (km)	Zahájeno	Dokončeno
úsek 01	most Šmejkalka			
úsek 02	Mirošovice-Hvězdonice	8,6		
úsek 03	Hvězdonice-Ostředek	4,6	04/2015	10/2016
úsek 04	Ostředek–Šternov	7,2	03/2017	
úsek 05	Šternov-Psáře	7,3	05/2013	10/2014
úsek 06	Psáře–Soutice	7,8	03/2016	10/2017
úsek 07	Soutice-Loket	9,9		
úsek 09	Loket-Hořice	9,6	05/2013	11/2014
úsek 10	Hořice-Koberovice	6	03/2017	09/2018
úsek 11	Koberovice-Humpolec	10		
úsek 12	Humpolec – Větrný Jeníkov	13,9	03/2018	
úsek 14	Větrný Jeníkov – Jihlava	8,5	04/2013	09/2015
úsek 15	Jihlava – Velký Beranov	6	08/2016	08/2018
úsek 16	Velký Beranov – Měřín	14,7		
úsek 18	Měřín – Velké Meziříčí-západ	7,2	09/2015	11/2017
úsek 19	V. Meziříčí-západ – V. Meziříčí-východ	6,2		
úsek 20	Velké Meziříčí-východ – Lhotka	6,3	03/2017	09/2018
úsek 21	Lhotka – Velká Bíteš	9	04/2013	09/2015
úsek 22	Velká Bíteš – Devět křížů	5,5	04/2016	07/2017
úsek 23	Devět křížů – Ostrovačice	10,3		
úsek 25	Ostrovačice–Kývalka	3,8	06/2015	11/2016
Celkem		162,4		



49,8% 50,2%

- Put into operation
- Remain for construction

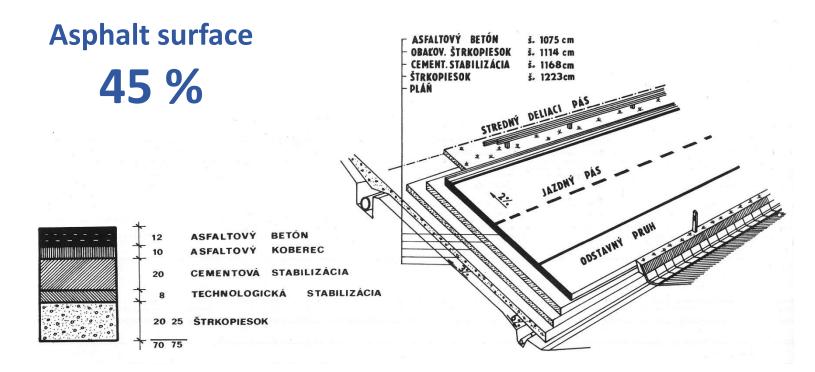


A few dates from history:

Start of the construction of D1 motorway2. May 1939Stop of the construction of D1 motorwayMay 1941Continuation of the construction of D1 motorway8. August 1967Opening of the first section of D1 motorway for traffic12. July 1971Opening of the last section of D1 motorway for traffic7. November 1980Eldest section will be this year47 years oldYoungest section will be this year38 years old

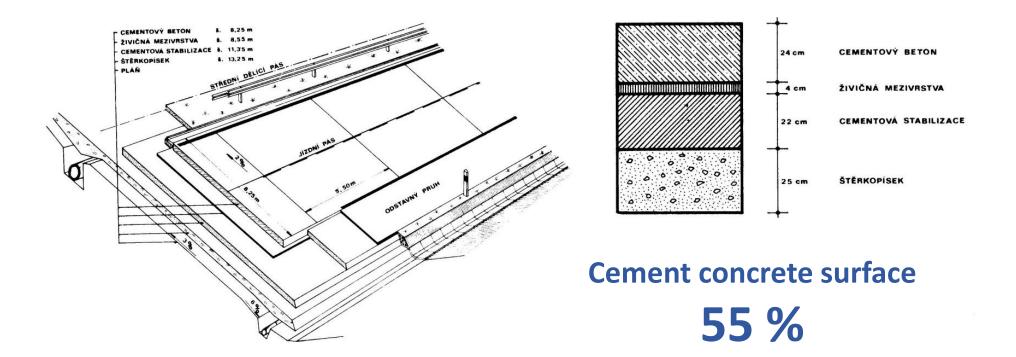


Pavement of motorway





Pavement of motorway





Detailed diagnostics survey :





Detailed diagnostics survey :

1. Visual examination and measuring of surface characteristics









Detailed diagnostics survey :



2. Measuring of bearing capacity pavement structures



Detailed diagnostics survey :

3. GPR measuring for thickness of pavement layers





Diagnostický průzkum :

4. Coring survey

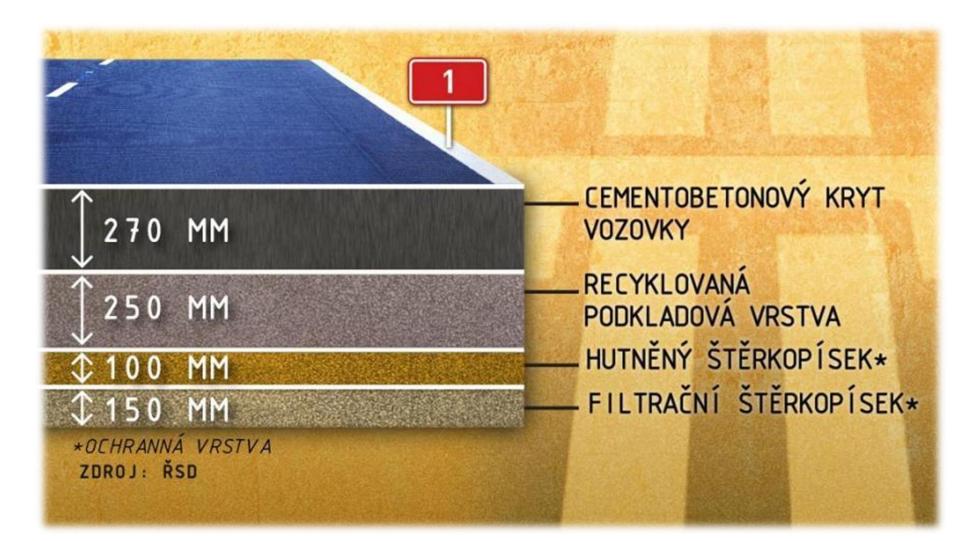








Final decision - RIGID PAVEMENT







Steps of modernization:





Steps of modernization:



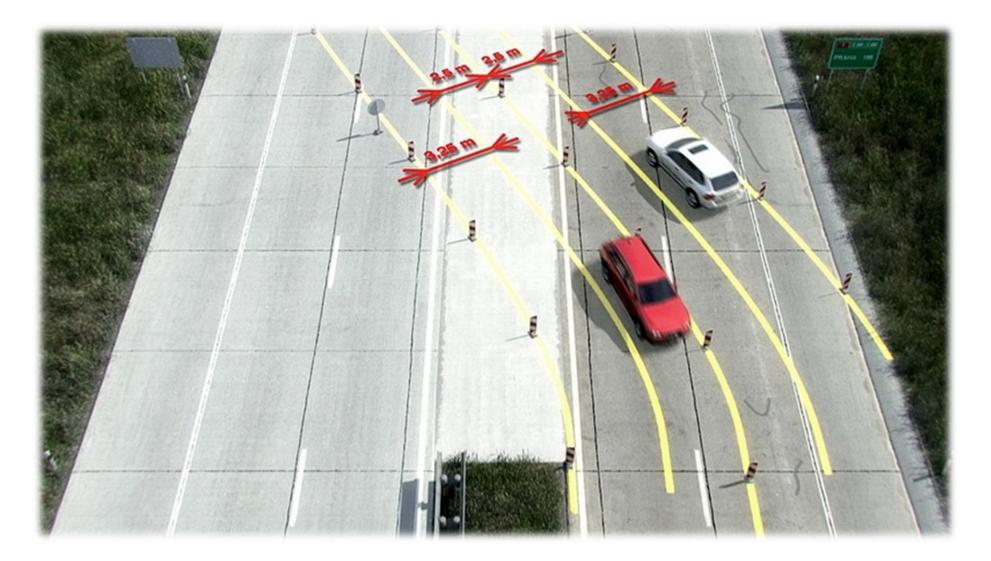


Steps of modernization:



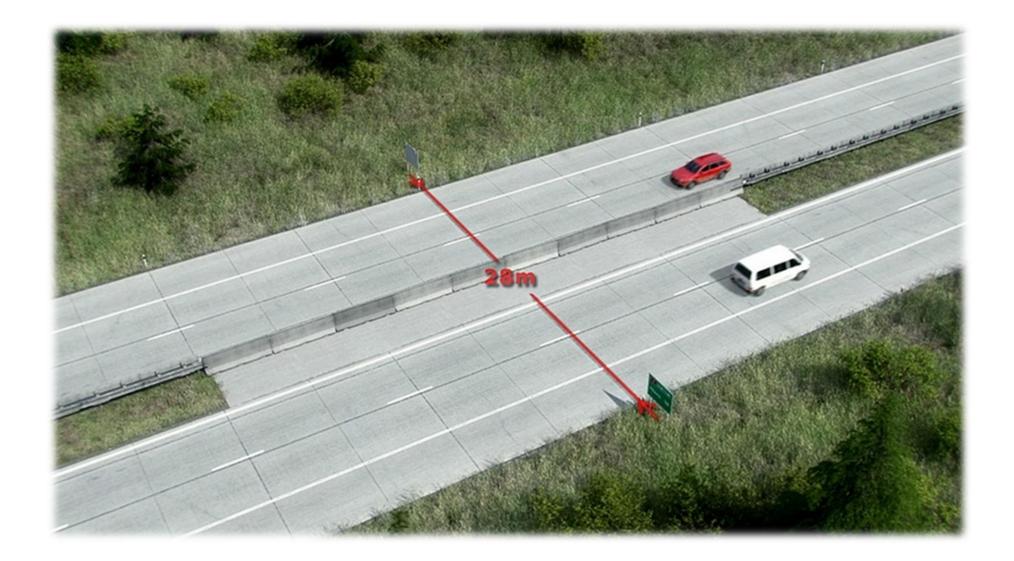


MODERNIZATION OF THE MOTORWAY D1 Steps of modernization:



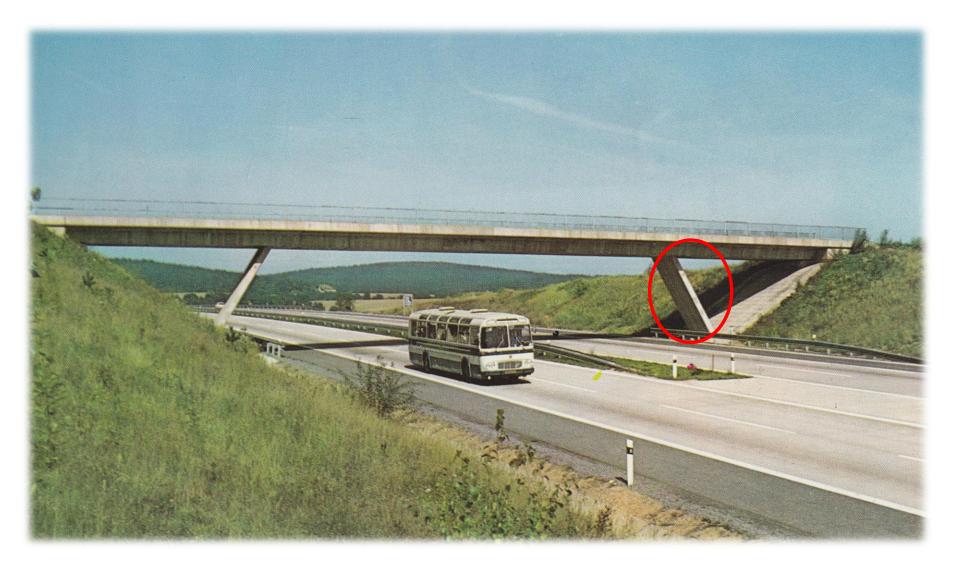


MODERNIZATION OF THE MOTORWAY D1 Steps of modernization:





Steps of modernization:





Steps of modernization:





19 o'clock

Steps of modernization:





19-20 o'clock

Steps of modernization:







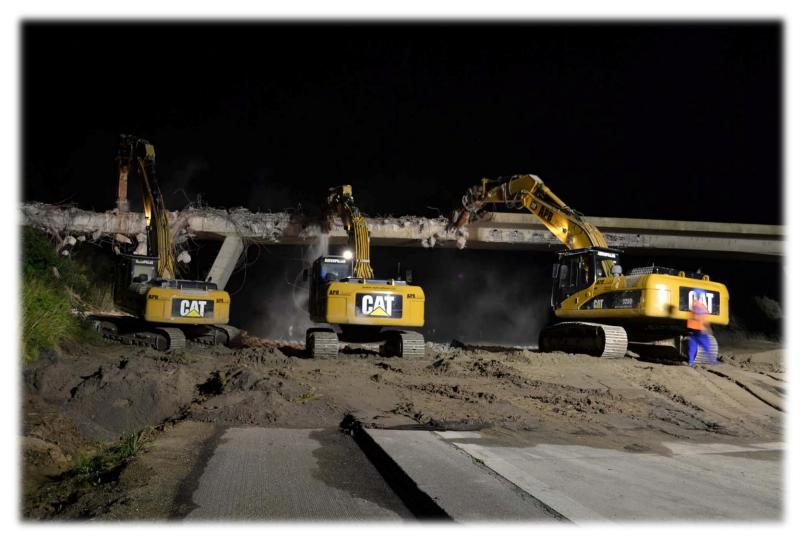
Steps of modernization:





20-05 o'clock

Steps of modernization:







Steps of modernization:





20-05 o'clock

Steps of modernization:







Steps of modernization:







Steps of modernization:





07-09 o'clock

ČESKÁ SILNIČNÍ SPOLEČNOST





Czech National Committee

PRAGUE Czech Republic



Candidating city for the XXVII World Road Congress 2023





