URSA MAJOR «ITP Workshop» Improvements in safety and comfort for truck drivers along the Brenner Motorway

Prien am Chiemsee, March 25th, 2015

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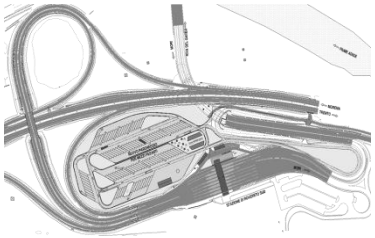
Brennerautobahn A.G.

UM activities foreseen in 4 parking areas

Brenner

Bolzano South



Rovereto South

Campogalliano West

PRESENT SITUATION

TRUCK PARK SADOBRE
300 parking stalls for trucks

22 service areas with 316 parking stalls for trucks

4 parking facilities for trucks (+ 1 parking area under construction) with 290 parking stalls

906 parking stalls for trucks

PRESENT CRITICAL SITUATIONS

- Stalls are insufficient

- Due to transit bans and breaks to observe:
  - truck drivers don‘t find any place on the rest areas,
  - they park in dangerous places in the rest areas, in the emergency lay-bys and along the acceleration and deceleration ramps,

potential risks

… with severe consequences

WHAT HAS BEEN DONE SO FAR?

- Widening and extension of the **acceleration and deceleration lanes**
- Order issued concerning the ban to stop on **emergency lay-bys**

Since August 2011: in the Brenner-Trento section

Since April 2012: on the whole motorway

SpA AUTOSTRADA DEL BRENNERO - Trento

prot. 9589

*** • ***

ORDINANZA n. 22/2012

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Il sottoscritto dott. ing. Carlo Costa, nella sua qualità di Direttore Tecnico Generale della SpA Autostrada del Brennero, in virtù delle funzioni e deleghe attribuitegli con Determina dell'Amministratore Delegato n. 108 d.d. 1 febbraio 2011,

premesso

- con ordinanza n. 96/2011 di data 16 settembre 2011 è stata disciplinata la sosta, o comunque qualsiasi momentaneo arresto volontario dei veicoli, nella tratta autostradale compresa tra Brennero e Trento Centro (dalla progr. Km 0 alla progr. Km 136+500);

considerato

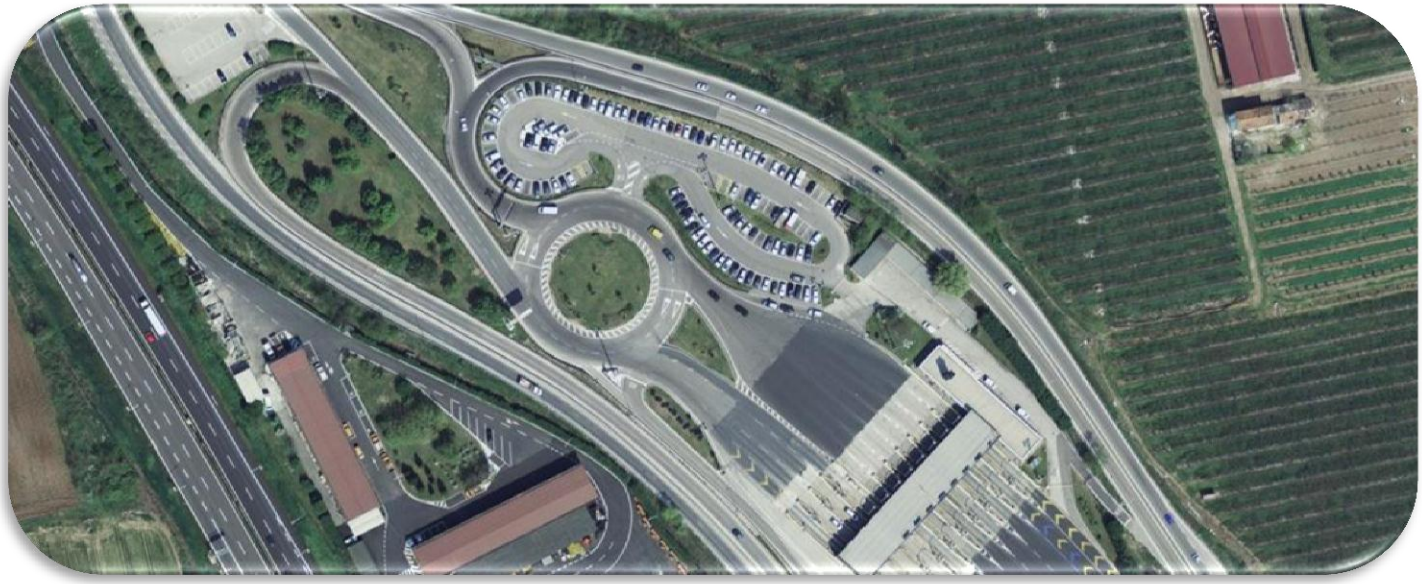
- che la sosta indiscriminata e per lunghi periodi temporali all'interno delle piazzole realizzate a lato della carreggiata autostradale si è intensificata nel tratto autostradale Trento centro – Modena non oggetto della precedente regolamentazione;
- che prevalentemente nella fascia oraria compresa tra le ore 18 e le ore 6 il numero dei veicoli adibiti al trasporto di merci che sostano contemporaneamente nelle singole piazzole è spesso tale da invadere ampiamente la corsia d'emergenza;
- che l'eccessivo affollamento degli spazi a disposizione obbliga i conducenti ad eseguire pericolose manovre sia in fase di immissione, sia in fase di uscita dalle piazzole medesime;

Reduction of the number of accidents due to side collisions

- New regulations on rests for truck drivers
- **Motorway operators are ‚responsible' for the creation of new appropriate parking facilities**

NECESSARY FUTURE STEPS…

- Parking facilities along the motorway but als directly outside of it: **at the tolling stations**
- Not only parking facilities but also **services for the drivers** (toilets, showers, restaurants, rest areas), **services for vehicles** (petrol stations, workshops, washing facilities, special services for dangerous goods), **safety services** (illumination, video-sourveillance, **information services** (informations on traffic and weather conditions) and **assistance services** (internet point, telefax, phone, ATM)



THE A22 MASTERPLAN FOR PARKING FACILITIES…

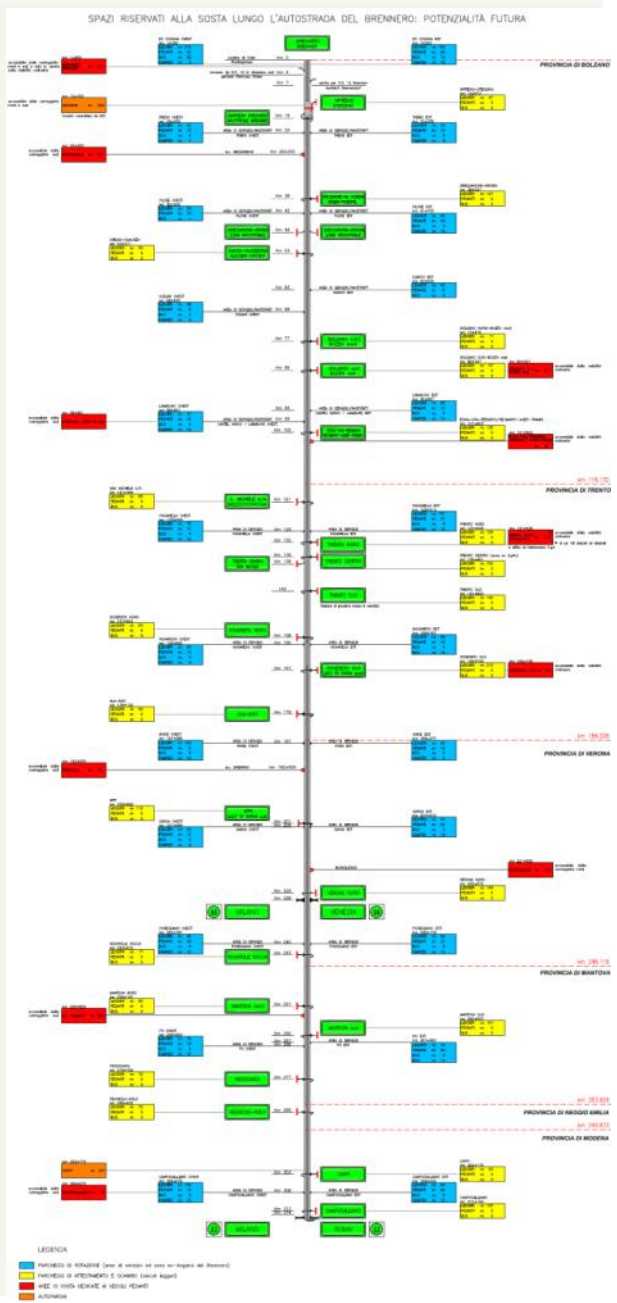
- **Inventory** of the parking areas/stalls along the A22
- **Enhancement potential** concerning the availability of parking lots/stalls

Autohof

Kurzpark-Bereiche

Park+Ride-Anlagen

Parkplätze für LKW



GENERAL OVERVIEW OF PARKING STALLS ALONG THE A22

PARKING AREA	PRESENT CONFIGURATION				ENHANCEMENT POTENTIAL			
	cars	trucks	buses	campers	cars	trucks	buses	campers
SHORT-TIME PARKING AREAS (mainly on rest areas)	973	316	45	-	1.721	484	133	232
P+R (tolling stations)	2.158	4	4	-	2.715	4	7	-
PARKING STALLS FOR HGVs	-	290	-	-	-	1.140	-	-
TRUCK PARK	-	300	-	-	-	847	-	-
	3.131	**910**	**49**	**-**	**4.436**	**2.475**	**140**	**232**

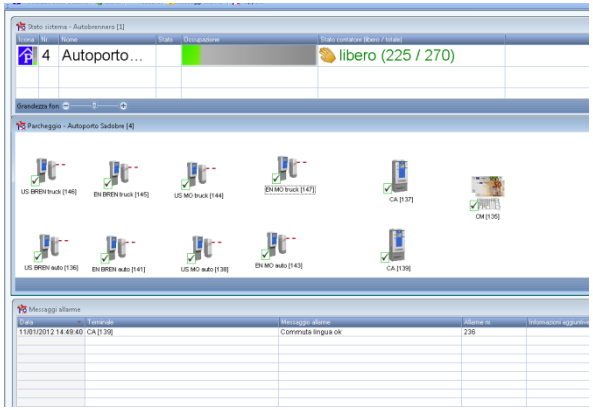
	cars	trucks	buses	campers
Difference between the present configuration and the enhancement potential	+1.305 +41,7%	+1.565 +205,6%	+91 +185,7%	+232

Truck park Sadobre

- ✓ *A system to control the occupancy of parking stalls is already installed*
- ✓ *Information is displayed on VMS*
- ✓ *Starting from this experience -> 4 parking areas in Ursa Major project*

Truck park Sadobre

✓ *Since Novembre 2011: system to control the access of truck drivers to the truck park*



In 2014: 220.000 transits

Truck park Sadobre

✓ *Opportunity to pay with Telepass*

Truck park Sadobre

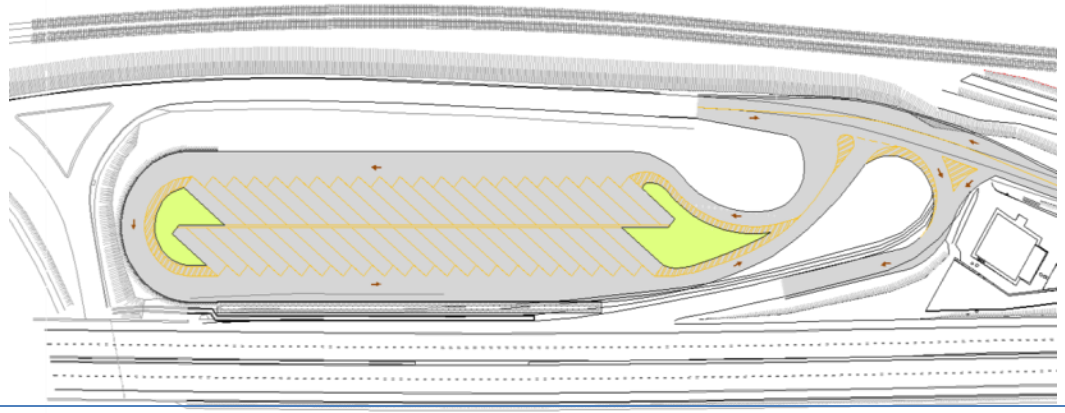
✓ *In the next future: opportunity to connect to electricity*

In 50 stalls chargers are available for truck drivers

Brenner (km 1+800)

Actual configuration corresponds to enhancement potential

42 parking stalls for trucks



Brenner (km 1+800)

ACTIVITIES FORESEEN IN THE URSA MAJOR PROJECT

- ✓ *Installation of a video surveillance system*
- ✓ *Installation of a system to count available stalls and to display information on VMS*

SCHEDULED FOR COMPLETION BEFORE AUGUST 2015

Bolzano South (km 85+327)

Actual configuration corresponds to enhancement potential

69 parking stalls for trucks

Bolzano South (km 85+327)

ACTIVITIES FORESEEN IN THE URSA MAJOR PROJECT

- ✓ *Installation of a video surveillance system*
- ✓ *Installation of a system to count available stalls and to display information on VMS*

SCHEDULED FOR COMPLETION BEFORE DEC. 2015

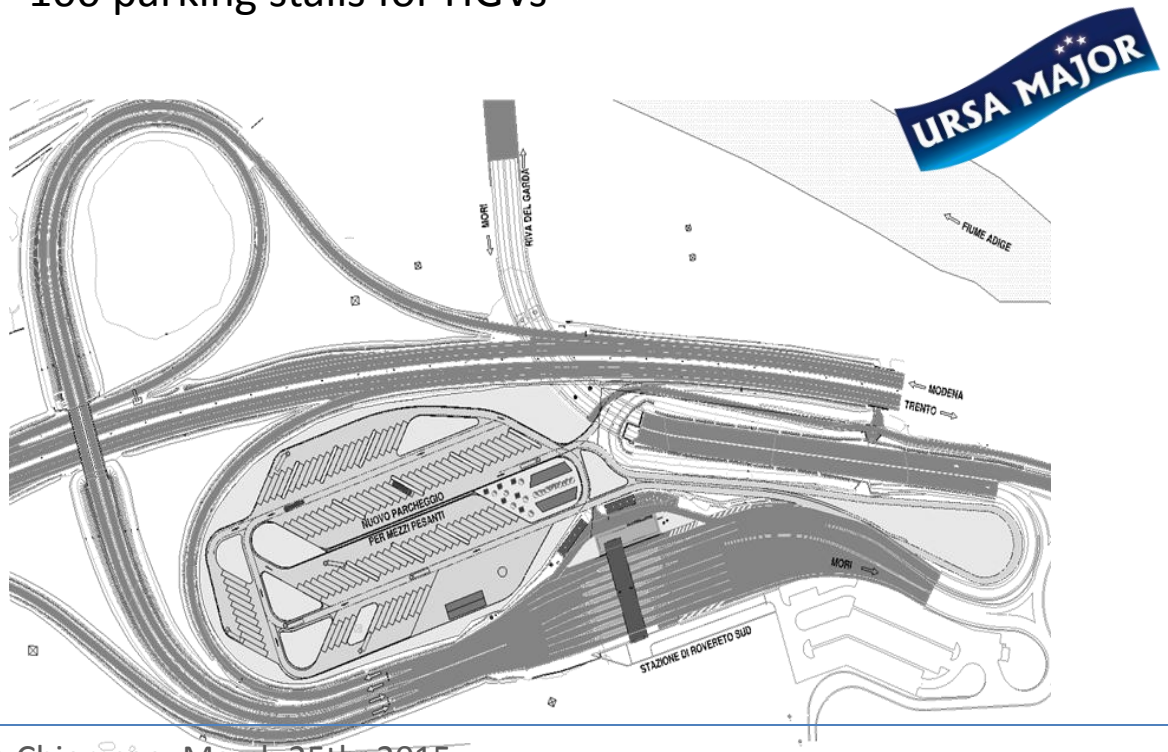
Tolling station of Rovereto South (km 166+739)

In the construction phase

Services for truck drivers are also foreseen

Future capacity

100 parking stalls for HGVs



Tolling station of Rovereto South (km 166+739)

ACTIVITIES FORESEEN IN THE URSA MAJOR PROJECT

- ✓ *Installation of a video surveillance system*
- ✓ *Installation of a system to count available stalls and to display information on VMS*
- ✓ *Services for truck drivers*

SCHEDULED FOR COMPLETION BEFORE DEC. 2015

Rest area Campogalliano West (southbound - km 309+076)

Present configuration corresponds to enhancement potential

79 parking stalls for HGVs

Rest area Campogalliano West (southbound - km 309+076)

ACTIVITIES FORESEEN IN THE URSA MAJOR PROJECT

- ✓ *Installation of a video surveillance system*
- ✓ *Installation of a system to count available stalls and to display information on VMS*
- ✓ *Services for truck drivers*

SCHEDULED FOR COMPLETION BEFORE AUGUST 2015

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