

Lyon Highway
Engineering Division

Civil Engineering
Department

April 2019

PRESS PACK

Repairs to the Pont de Givors



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This project is developed by DIR Centre-Est (Centre East Regional Highways Division), a department of the Ministry for the Ecological and Solidary Transition.

DIR Centre-Est is in charge of maintaining and operating national highways and motorways in the Centre-East region of France which are not under concession.





MINISTRY FOR THE ECOLOGICAL AND SOLIDARY TRANSITION

Regional Highways Division
Centre-Est

Lyon Highway Engineering Division
Civil Engineering Department

Lyon, May 3 2019

PRESS RELEASE

Works on the A47 from 30 May to 30 September 2019

Pont de Givors

The Centre-Est Regional Highways Division wishes to inform you that repair works will take place on the Pont de Givors, where the A47 crosses the Rhône, from 30 May to 30 September 2019.

The works involve complete reconstruction of the roadway and its waterproofing membrane and changing the restraint systems, parapets and road joints.

Traffic will generally be allowed on the bridge during the works but the lanes will be reduced in number and width. The works will be organised in four major phases, with different traffic restrictions for each phase.

However, the bridge will have to be closed to traffic on a few nights and during 4 weekends. When the bridge is closed to traffic, road users will have to take a diversion via the A450 and the RD342.

Finally, during all or part of the works, some access routes to the A47 (intersections 9.1 “Givors Piscine” and 8 “Chasse-sur-Rhône”) will have to be closed for works access reasons and access for pedestrians, agricultural vehicles and abnormal loads will be prohibited throughout the works.

The Centre-Est Regional Highways Division advises road users to drive carefully in the works areas, to keep to the indicated diversions and to find out about the diversion routes and traffic conditions in real time by visiting www.dir-centre-est.fr and www.coralys.com.

A press release will be distributed before each change in the phase of works in order to specify the new traffic restrictions.

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DIRECTION
INTERDEPARTEMENTALE
DES ROUTES
CENTRE-EST

2. Presentation of the works

2.1. Situation

WORKS NAME : PONT DE GIVORS
IDENTIFIER: No. 89D606
ROAD : A47
MUNICIPALITY :Givors (69) and Chasse-Sur-Rhône
(38)





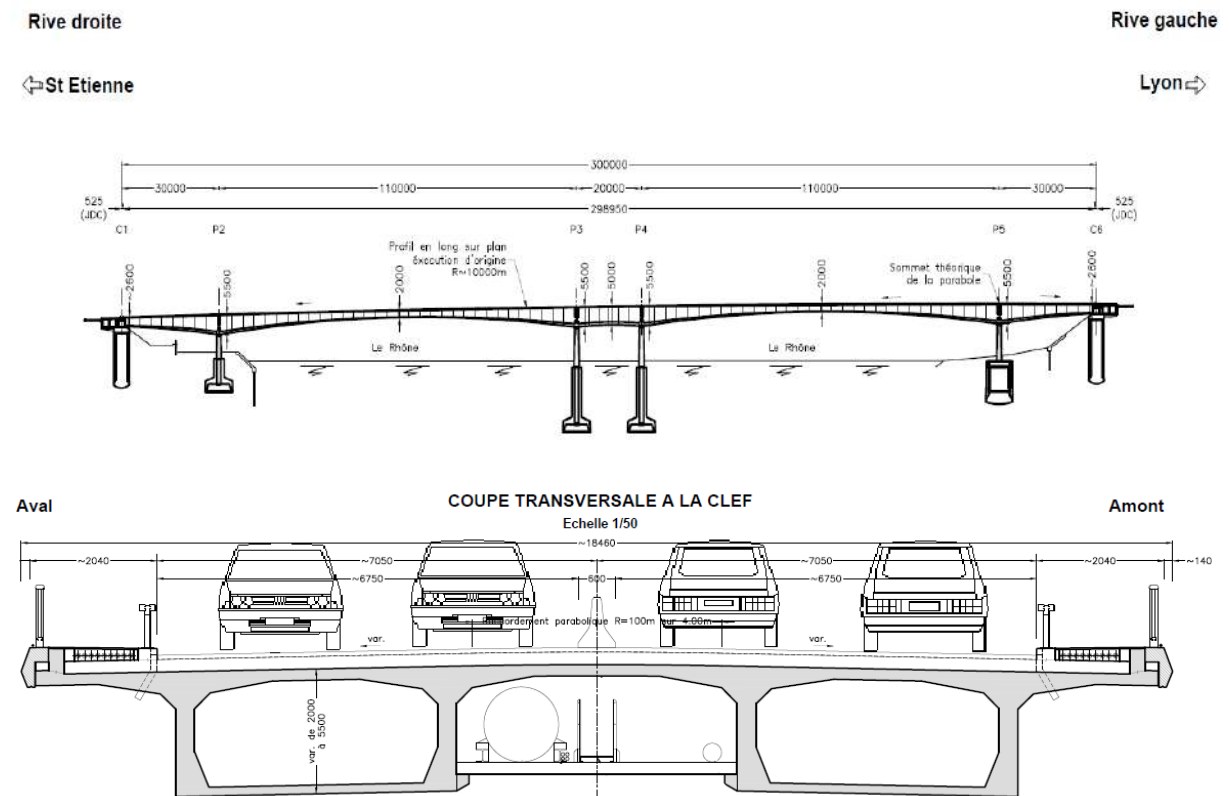
2.2. Presentation of the works

The Pont de Givors, located to the south of Lyon, is where the A47 crosses the Rhône. This bridge carries a high traffic volume (90,000 vehicles per day). It is managed by DIRCE (Centre-East Regional Highways Division).

The structure is a double box girder bridge about 300 m long and 18 m wide, built in 1967. It has 2 traffic lanes in each direction.

The bridge crosses (in the right bank to left bank direction):

- a local road;
- a quay (River vessel quay);
- the Rhône;
- a tow path.



Regular inspections of the bridge revealed numerous areas without a waterproof membrane under the road surface, causing water to infiltrate. As a consequence of this infiltration, numerous potholes have appeared which must be urgently repaired (the DIRCE departments currently close the bridge for 1 night in each direction every two months for spot repairs). These repairs are hampered by operating constraints. In addition, water infiltration could in time result in structural damage.

Moreover, deterioration of the road surface is increasingly frequent. Without extensive repairs, the situation could lead to the destruction of traffic lanes or even traffic directions being closed for safety reasons.

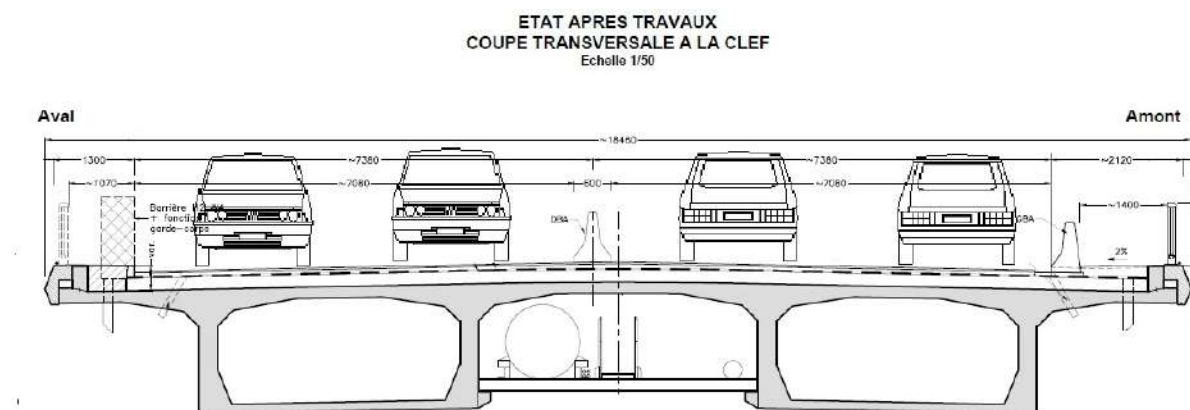
It is therefore essential to carry out overall repairs.

2.3. Works schedule

After carrying out different investigations and studies, a decision was taken to carry out the following works in particular:

- Renovation of the waterproof membrane, the road surface and the reinforcement across the width of the bridge;
- Renovation of the vehicle and pedestrian restraint systems;
- Renovation of the road joints.

After completion of the works, the cross-section of the bridge will have a single pavement on the North side of the bridge.



The 5 million Euro total cost of the operation is financed in full by the State.

Schedule and works organisation

The works on the Pont de Givors will take place from 30 May to 30 September 2019; they are organised in precisely defined phases in order to keep traffic restrictions to minimum.

The works will be organised in 4 main phases:

- Phase 1: works on the south side of the bridge from 3 June to 1 July 2019;
- Phase 2: works on the carriageway on the south side of the bridge from 2 to 15 July 2019;
- Phase 3: works on the carriageway in the central zone of the bridge from 14 July to 5 August 2019;
- Phase 4: works on the north side of the bridge from 6 to 30 August 2019.

Each phase of the works involves particular traffic restrictions summarized in the schedule below and set out in detail in paragraph 3.2.

					2019				
MAY					JUNE				
M 1	Labour Day				S 1	complete			
J 2		18			D 2	closure			
V 3					L 3				
S 4					M 4				
D 5					M 5				
L 6					J 6		23		
M 7					V 7	Phase 1			
M 8	Victory 1945				S 8				
J 9		19			D 9	Whitsun			
V 10					L 10	Whit Monday			
S 11					M 11				
D 12					M 12	traffic			
L 13					J 13	maintained	24		
M 14					V 14	With 2 x 2			
M 15					S 15	lanes			
J 16		20			D 16	day-time			
V 17					L 17				
S 18					M 18				
D 19					M 19				
L 20					J 20		25		
M 21					V 21				
M 22					S 22				
J 23		21			D 23				
V 24					L 24				
S 25					M 25				
D 26					M 26				
L 27					J 27		26		
M 28					V 28				
M 29					S 29				
J 30	Ascension	22			D 30				
V 31					###	###			
					JULY				
L 1					L 1				
M 2					M 2				
M 3					M 3				
J 4					J 4	Phase 2	27		
V 5					V 5				
S 6					S 6				
D 7					D 7	- 2 lanes			
L 8					L 8	direction			
M 9					M 9	Lyon => St E			
M 10					M 10	- lane in 1			
J 11					J 11	direction	28		
V 12					V 12	St E => Lyon			
S 13					S 13				
D 14					D 14	National Holiday			
L 15					L 15				
M 16					M 16				
V 17					V 17				
S 18					S 18		29		
D 19					V 19	Phase 3			
L 20					M 20				
M 21					D 21				
M 22					L 22	Traffic reduced			
J 23					M 23	With 1 lane			
V 24					M 24	in each			
S 25					J 25	direction	30		
D 26					V 26				
L 27					S 27				
M 28					D 28				
M 29					L 29				
J 30					M 30				
V 31					S 31	complete			
					AUGUST				
J 1					J 1		31		
V 2					V 2				
S 3					S 3				
D 4					D 4				
L 5					L 5				
M 6					M 6				
M 7					M 7				
J 8					J 8	Phase 4	32		
V 9					V 9				
S 10					S 10				
D 11					D 11				
L 12					L 12				
M 13					M 13				
M 14					M 14				
J 15					J 15	Assumption	33		
V 16					V 16				
S 17					S 17				
D 18					D 18	- 2 lanes			
L 19					L 19	direction			
M 20					M 20	Lyon => St E			
M 21					M 21				
J 22					J 22	- lane in 1	34		
V 23					V 23	direction			
S 24					S 24	St E => Lyon			
D 25					D 25				
L 26					L 26				
M 27					M 27				
M 28					M 28				
J 29					J 29		35		
V 30					V 30				
S 31					S 31	complete			
					SEPTEMBER				
D 1					D 1	closure			
L 2					L 2				
M 3					M 3	Complete			
M 4					M 4	closure			
J 5					J 5	possible	36		
V 6					V 6	at night			
S 7					S 7	complete			
D 8					D 8	closure			
L 9					L 9				
M 10					M 10	Complete			
M 11					M 11	closure			
J 12					J 12	possible	37		
V 13					V 13	at night			
S 14					S 14	complete			
D 15					D 15	closure			
L 16					L 16				
M 17					M 17				
M 18					M 18				
J 19					J 19		38		
V 20					V 20				
S 21					S 21				
D 22					D 22				
L 23					L 23				
M 24					M 24				
M 25					M 25				
J 26					J 26		39		
V 27					V 27				
S 28					S 28				
D 29					D 29				
L 30					L 30				
###					###				

- Night-time closure, Saint-Etienne - Lyon direction
- Night-time closure, both directions
- Night-time closure, Lyon - Saint-Etienne direction

2.4. Parties involved

<u>Contracting Authority:</u> Centre Est Regional Highways Division	
<u>General supervision of the operation:</u> Centre Est Regional Highways Division Lyon Highway Engineering Division Civil Engineering Department	
<u>Operation of the A47:</u> Centre Est Regional Highways Division Lyon Regional Operations Department Saint Étienne District	
<u>Contractor:</u> QUADRIC	
External on-site inspections: CEREMA	
<u>Company carrying out the works:</u> Freyssinet Group / Eurovia / Eurovia Etanchéité / Cardem / Signature	
<u>Health and Safety Coordinator:</u> AFP3S	

3. Operating procedures

3.1. Traffic information

Overall, the A47 at Pont de Givors carries approximately 90,000 vehicles per day in both directions, including 13,500 heavy goods vehicles (i.e. 15% of the traffic). The bridge is regularly congested:

- in the morning rush hour in the St Etienne – Lyon direction (between 06:30 and 09:00);
- in the evening rush hour in the Lyon – St Etienne direction (between 16:30 and 19:00);
- Friday evenings and the days before national holidays in the Lyon – St Etienne direction;
- Sunday evenings and in the evening on national holidays in the St Etienne – Lyon direction.

The current speed limit on the bridge is 70 km/h; this will apply during the works.

3.2. Planned traffic restrictions – Operating mode

Before starting the 1st works phase and after the last works phase, it will be necessary to close the bridge completely on some weekends. The following weekends will be affected:

- Thursday 30 May at 20:00 to Sunday 2 June at 12:00;
- Friday 30 August at 22:00 to Sunday 1 September at 15:00;
- Friday 6 September at 22:00 to Sunday 8 September at 15:00;
- Friday 13 September at 22:00 to Sunday 15 September at 15:00.

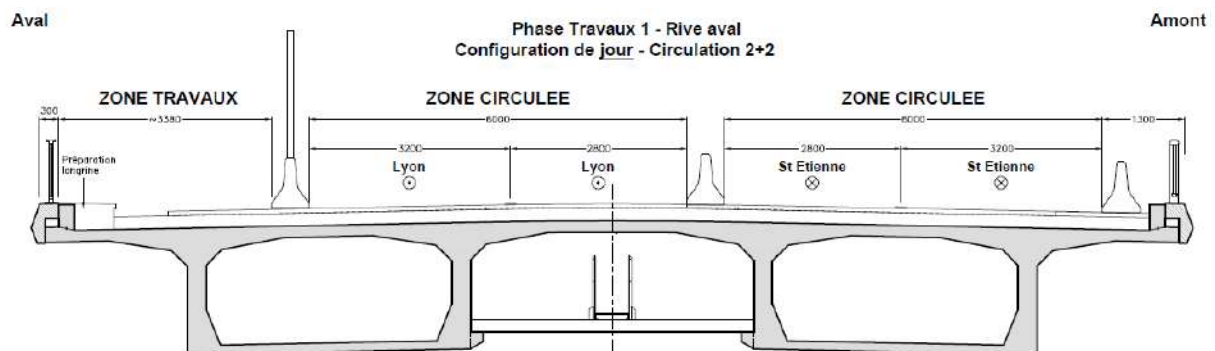
Between each phase of works it will also be necessary to close the bridge to traffic on some nights in order to be able to move the signs and prepare the next phase of works:

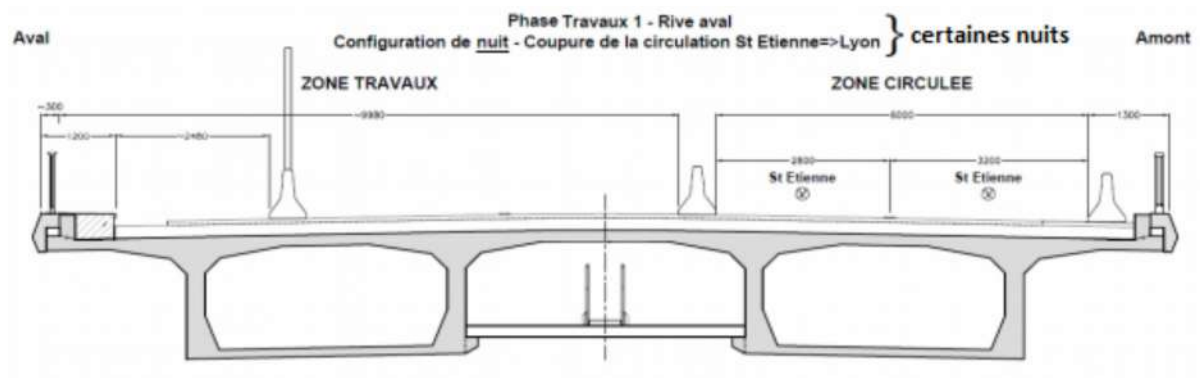
- night of Monday 1 July at 20:00 to Tuesday 2 July at 06:00: closed to traffic in the Saint-Etienne – Lyon direction only;
- night of Monday 15 July at 20:00 to Tuesday 16 July at 06:00: bridge completely closed to traffic;
- night of Monday 5 August at 20:00 to Tuesday 6 August at 06:00: closed to traffic in the Lyon – Saint-Etienne direction only.

During the first phase (in June), it will also be necessary to close the bridge to traffic on some nights in the Saint-Etienne – Lyon direction in order to carry out a number of critical works phases. The bridge will be closed to traffic at night in the Saint-Etienne – Lyon direction 3, 4, 5, 17, 18, 19, 20, 24, 25, 26 and 27 June from 20:00 until the following day at 06:00.

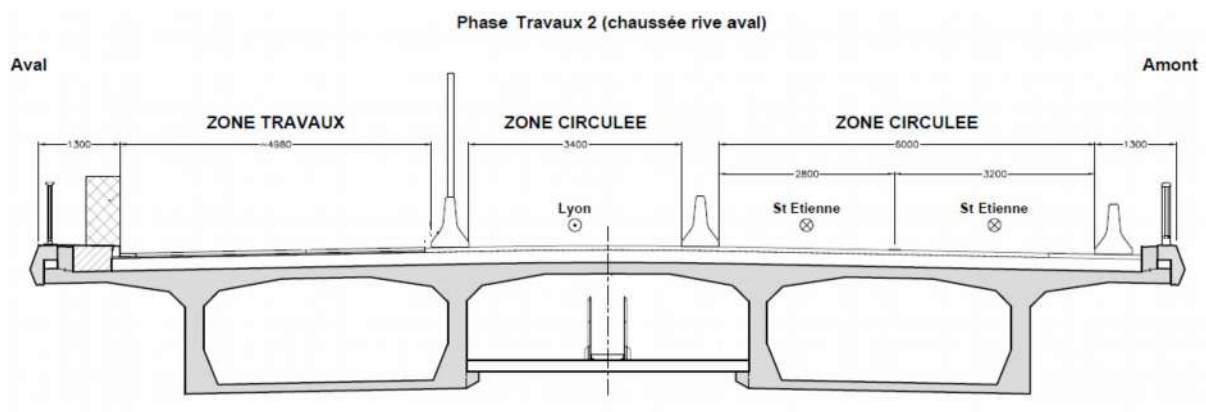
Except for the 4 weekends when the bridge will be completely closed to traffic and the nights listed above, traffic will generally be allowed on the bridge during the works but the lanes will be reduced in number and width.

During Phase 1 (3 June to 1 July), traffic will be allowed during the day on 2 reduced-width lanes in each direction. The Saint-Etienne – Lyon direction will be closed to traffic on the nights listed above.

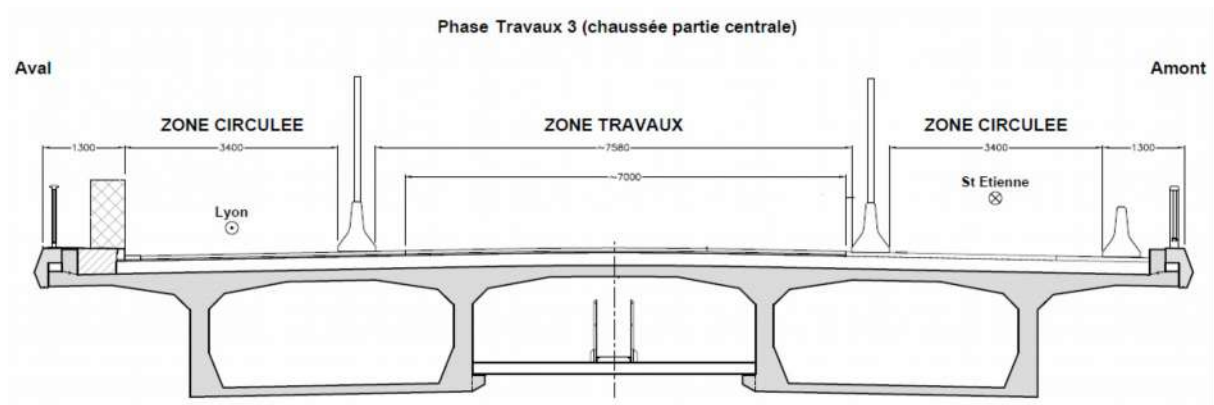




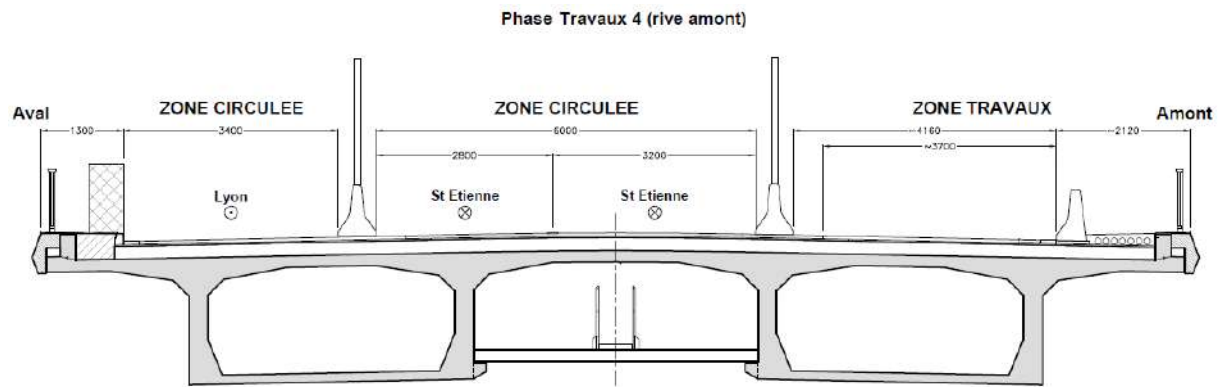
During phase 2 (2 to 15 July), traffic will be allowed on 2 reduced-width lanes in the Lyon – Saint-Etienne direction and 1 reduced-width lane in the Saint-Etienne – Lyon direction.



During phase 3 (16 July to 5 August), traffic will be restricted to one single reduced-width lane in each direction.



During phase 4 (6 to 30 August), traffic will be allowed on 2 reduced-width lanes in the Lyon – Saint-Etienne direction and 1 reduced-width lane in the Saint-Etienne – Lyon direction.



In addition, during heavy weekend traffic, a measure will be implemented to substantially reduce inconvenience to holiday traffic: the A46S slip road to the A47 Saint-Etienne and the A7 slip road to the A47 Saint-Etienne will be closed to traffic on Saturday 20 July, Saturday 27 July and Saturday 3 August from 06:00 to 22:00.

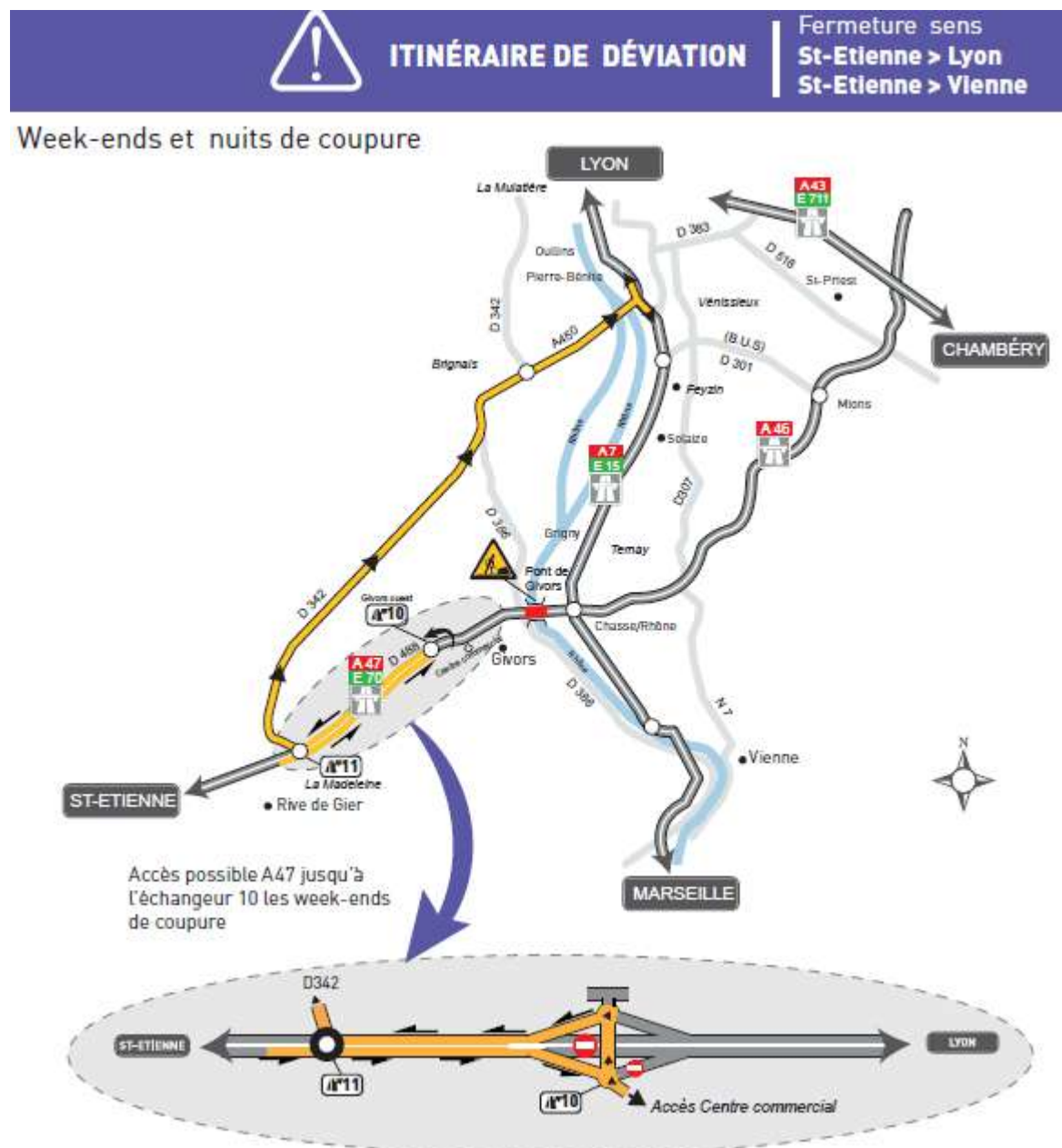
3.3. Diversion routes during traffic closures

In general, traffic will be allowed on the bridge during the works and diversions will not be required; advice for directions will be provided in cases of major congestion (see the traffic management measures in paragraph 3.5).

Only the 4 weekends and the nights on which the bridge will be closed to traffic will involve setting up diversions as planned in the Traffic Management Plan (PGT) for Sud Loire (road users will be directed to the RD342/A450/A7 route).

Accordingly, on the nights when the bridge is closed to traffic in the Saint-Etienne – Lyon direction, the A47 will be closed to traffic at interchange 11 “La Madeleine” and road users will have to travel on the RD342, then the A450 and finally the A7 towards Lyon or Marseille.

On the weekends when the bridge is closed to traffic in the Saint-Etienne – Lyon direction, the same diversion will be indicated, but the A47 will be physically closed to traffic at Interchange 10 in order to allow access to the Givors retail area.



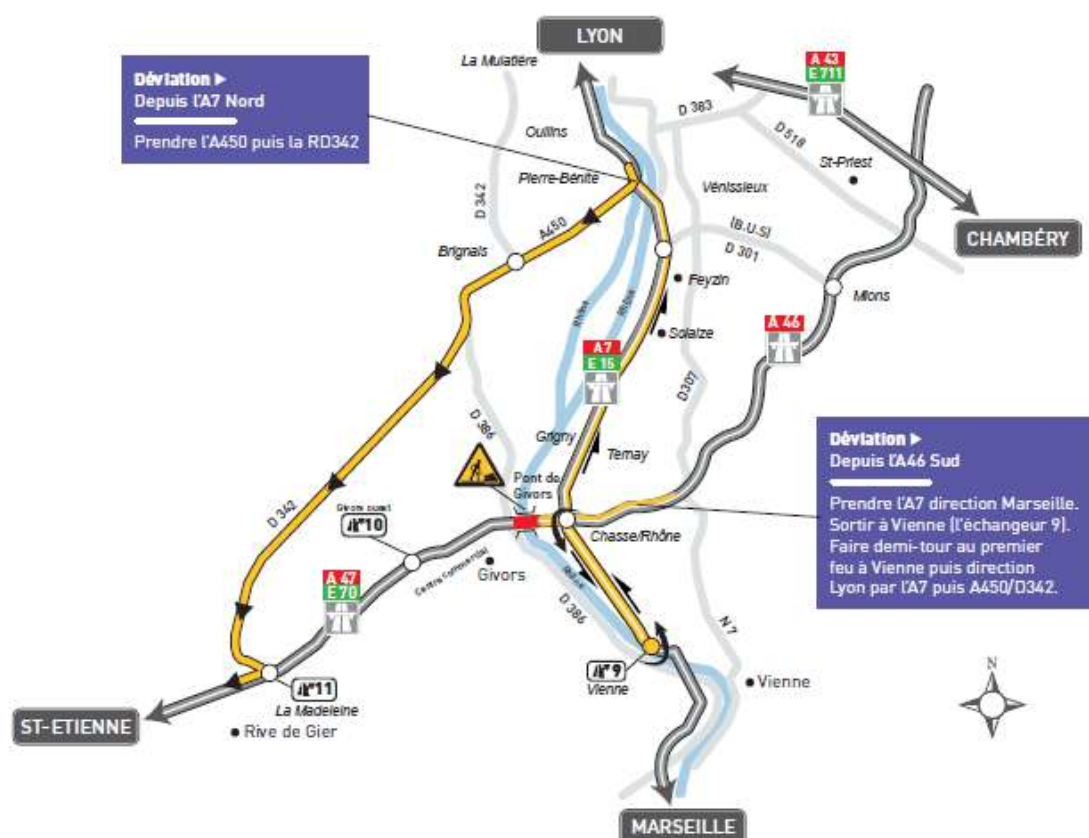
ITINÉRAIRE DE DÉVIATION	DIVERSION ROUTE
Fermeture sens	Direction closed
St-Etienne > Lyon	St-Etienne > Lyon
St-Etienne > Vienne	St-Etienne > Vienne
Week-ends et nuits de coupure	Weekends and nights when closed
Accès possible A47 jusqu'à l'échangeur 10 les week-ends de coupure	Access possible on the A47 up to interchange 10 on weekends when closed
Accès Centre commercial	Shopping center access

Similarly, when the bridge is closed to traffic in the Lyon – Saint-Etienne direction, road users will have to travel on the A7, then the A450 and the RD342 to get back onto the A47 at Interchange 11. Note that road users travelling from the A46S (and who have got back onto the A46S after interchange 14, i.e. after the A46S / Southern Urban Link Road) who wish to go to Saint-Etienne will have to take the A7 in the Marseille direction, do a U-turn at Vienne to get back onto the A7 in the direction of Lyon, then the A450 and the RD342 (no direct link between the A46S and the A7 in the Lyon direction at the Ternay motorway junction).

ITINÉRAIRE DE DÉVIATION

Fermeture sens :
Lyon Nord - St Etienne
Lyon Est - St Etienne

Week-ends et nuits de coupure



ITINÉRAIRE DE DÉVIATION	DIVERSION ROUTE
Fermeture sens	Direction closed
Lyon Nord - St Etienne	Lyon North - St Etienne
Lyon Est - St Etienne	Lyon East - St Etienne
Week-ends et nuits de coupure	Weekends and nights when closed
Déviation	Diversion
Depuis l'A7 Nord	From the A7 North
Prendre l'A450 puis la RD342	Take the A450, then the RD342
Déviation	Diversion
Depuis l'A46 Sud	From the A46 South
Prendre l'A7 direction Marseille.	Take the A7 in the Marseille direction.
Sortir à Vienne (l'échangeur 9).	Exit at Vienne (interchange 9).
Faire demi-tour au premier feu à Vienne puis direction Lyon par l'A7 puis A450/D342.	Do an U-turn at the first traffic light at Vienne, then take the Lyon direction via the A7, then the A450/D342.

3.4. Impact on access to the A47

During the works, some access routes to the A47 perpendicular to the Pont de Givors will have to be closed, both for site access reasons and for safety and traffic flow reasons.

Throughout the duration of the works, the access slip road to the A47 at “Givors Piscine” interchange 9.1 in the Saint-Etienne – Lyon direction will be closed. An appropriate local diversion will be set up depending on each phase of works.

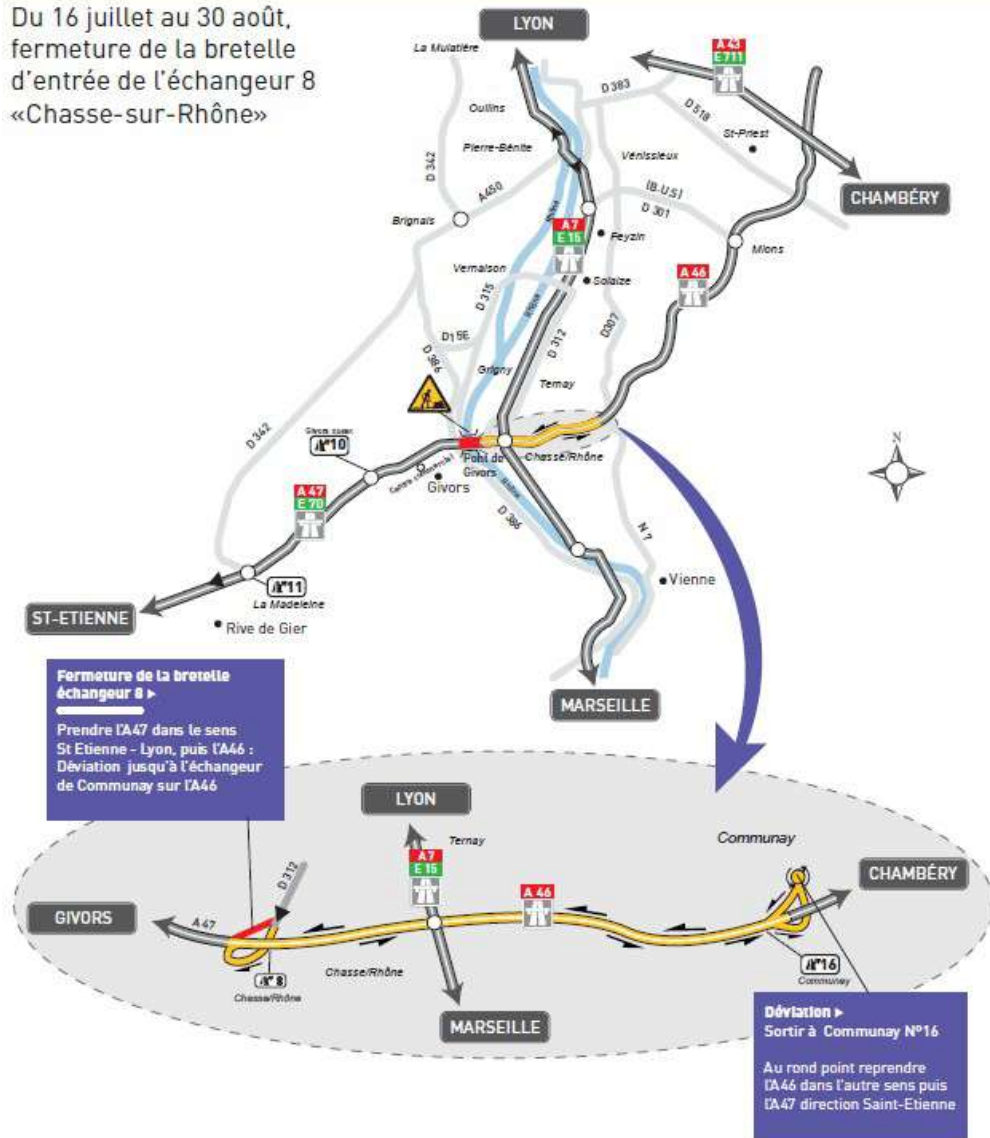
From 16 July to 30 August, the A47 access slip road at “Chasse-sur-Rhône” interchange 8 in the Lyon – Saint-Etienne direction will be closed. Road users will be advised to take the A46S and do a U-turn at Communay interchange 16 in order to get back onto the A47.



ITINÉRAIRE DE DÉVIATION

Fermeture de la bretelle
d'entrée échangeur 8
Sens Lyon - St Etienne

Du 16 juillet au 30 août,
fermeture de la bretelle
d'entrée de l'échangeur 8
«Chasse-sur-Rhône»



ITINÉRAIRE DE DÉVIATION	DIVERSION ROUTE
Fermeture de la bretelle d'entrée échangeur 8	Interchange 8 slip road closed
Sens Lyon - St Etienne	Lyon - St Etienne direction
Du 16 juillet au 30 août, fermeture de la bretelle d'entrée de l'échangeur 8 «Chasse-sur-Rhône»	From 16 July to 30 August, the entry slip road into "Chasse-sur-Rhône" interchange 8 will be closed
Fermeture de la bretelle d'entrée échangeur 8	Interchange 8 slip road closed
Prendre l'A47 dans le sens St Etienne - Lyon, puis l'A46 : Déviation jusqu'à l'échangeur de Communay sur l'A46	Take the A47 in the St Etienne - Lyon direction, then the A46: Diversion up to the Communay interchange on the A46
Déviations	Diversion
Sortir à Communay N°16	Exit at Communay N°16
Au rond point reprendre l'A46 dans l'autre	At the roundabout, get back on the A46 in

sons puis l'A47 direction Saint-Etienne	the opposite direction, then the A47 in the Saint-Etienne direction
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Note: during the 3 Saturdays with heavy summer holiday traffic on one single lane (Saturday 20 July, Saturday 27 July and Saturday 3 August), this diversion via Communay interchange 16 will no longer be possible due to the closure of the A46S access slip road to the A47 Saint-Étienne. Road users will be directed along another diversion set up specially on these 3 Saturdays.

From 6 to 30 August, the exit at “Givors Piscine” Interchange 9.1 in the Lyon – Saint-Etienne direction will be closed. Road users will be advised to exit at “Givors Centre Commercial” Interchange 9.3.

3.5. Traffic management measures

Outside the closure periods, the following existing and proven traffic management measures may be applied in order to limit congestion:

- activation of the Sud Loire Traffic Management Plan (via A450 – RD342 and via the Col de la République for light vehicles)
- activation of PALOMAR measures (large national or regional-scale measures), particularly with advice to travel by the A89.

All these measures will be activated by means of the Variable Message Signs on the road network.

In addition, route advice will be delivered (via Bison Futé) to advise road users travelling in a north-south direction to take the A75 from Paris in order to avoid the congested spot at the Ternay motorway junction (A7/A47/A46S traffic junction).

3.6. Soft traffic

Throughout the duration of the works, soft traffic will no longer be possible on the site as it will not have a pavement during the works.

After the works have completed, a single pavement will be kept on the upstream side for pedestrians. Note that this pavement will not have the status of a cycle lane. Any cyclists will be encouraged to walk their bicycles across the site.

3.7. Abnormal loads and agricultural vehicles

Abnormal loads and agricultural vehicles will not be authorized to move across the site during the works.

Drivers of agricultural vehicles will be advised to take the route via Vienne using the D386 and D4.

Drivers of abnormal loads will be advised to take the A89 route and the RN7.

3.8. Information activities

The following information activities will be carried out:

- information leaflets will be distributed among residents and/or road users;
- special web page on the DIR Centre-Est website (<http://www.enroute.centre-est.developpement-durable.gouv.fr>, “nos gros chantiers [our major works]”) section
- journey time information will be displayed on variable message signs in the Saint Etienne - Lyon direction upstream from the works
- information will be provided on the Bison Futé website (www.bison-fute.gouv.fr)
- information will be provided to various GPS management operators
- information on the different phases and the traffic situation in real time will be provided at www.coralys.com

3.9. Advice to road users

In order to limit disruption, road users will be encouraged to:

- change their journey times to avoid peak traffic;
- use another means of transport such as the train;
- use car sharing to limit the number of vehicles using the works area;
- keep to the speed limits;
- follow the indicated diversions and the direction advice (congestion relief routes).

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PRESS CONTACT

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