



# Network Statement 2020 – Appendix 3.5A

# Appendix 3.5A

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# 1 Indledning

## 1.1 About appendix 3.5A

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The following is a guideline of the engineering works and capacity restrictions known at the time of the publication of Network Statement 2020. Banedanmark reserves the right to change or cancel planned infrastructure works and projects based on political decisions.

### **Masterplan**

The Masterplan concept is developed to provide a long termed, module based planning and a more simple and reliable delivery of infrastructure capacity to the Rus and other costumers.

This is achieved by:

- ✓ Reservation of capacity for projects, pr&rammes, norm- and pr&nosis bases maintenance
- ✓ "the applicant" achieves greater flexibility to optimize within the reserved capacity, when considering unforeseen needs for maintenance and planning of work, closer to deadline than is otherwise possible.

At present, the Masterplan concept is implemented on the following lines/areas: Københavns Hovedbanegård / København – Fredericia TIB 1

### **Maintenance – other lines**

Maintenance is carried out bases on the life cycles of the lines. In order to meet demands, cancellations and rerouting after the publication of the K20 timetable is therefore to be expected.

## 1.2 Principles on engineering works and capacity restrictions

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Banedanmark carries out engineering works and capacity restrictions under following mayor considerations:

The works are coordinated with the aim to ensure the best possible timetables for the Railway Undertakings.

Signalling Programme:

- ❖ Mainly evening/night possessions
- ❖ When carrying out tests, occasional weekend possessions is to be expected. These are noticed in Appendix 3.5A and Appendix 3.5B

Electrical Programme:

- ❖ Primary night possessions (up to nine hours) in connection to preparatory work related to replacing bridges possession can occur

Renewal projects:

- ❖ Single track operations on double-track lines; possessions can occur in mainly weekends / holidays

Construction of facilities and 3rd party projects - including speed upgrades:

- ❖ Coordinated in best possible solution with renewal projects

## 1. 3 Annex VII notifications in NS 2020

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With reference to the publication of appendix 3.5A in NS2022, Banedanmark has added a new column, where the capacity restrictions are categorized from the thresholds in the COMMISSION DELEGATED DECISION (EU) 2017/2075 of 4 September 2017 replacing Annex VII to Directive 2012/34/EU of the European Parliament and of the Council establishing a single European railway area

The categorization are made with respect to the duration of the capacity restrictions and traffical impact, and are named Major, High og Medium.

- **Major:** capacity restrictions on more than 30 coherent days with a traffical impact on more than 50 % of the traffical volume – published at X-24 and X-12.
- **High:** capacity restrictions on more than 7 coherent days with a traffical impact on more than 30 % of the traffical volume – published at X-24 and X-12.
- **Medium:** capacity restrictions on less than 7 coherent days with a traffical impact on more than 50 % of the traffical volume – published at X-12.
- **No category:** restrictions, where one or both criteria with reference to duration and traqffical impact, are lower than the abovementioned thresholds, are not categorized in this column.

# Fjernbanen TIB 1

Netredefølrelsen 2020

- Høje Taastrup - Roskilde  
Universitetsstien
- Roskilde - Viby  
Sporfornyelse + forberedende  
arbejder Elektrificeringsprogrammet
- Ringsted St.  
Ny bane
- Slagelse St  
Sporfornyelse
- Fredericia Havnebane  
Broprojekt
- Middelfart - Snoghøj - Fredericia  
Sporfornyelse
- Fredericia St  
Sporombygning



# Fjernbanen TIB 2-11

Netredegørelsen 2020

- (Ringsted) – Næstved  
Ringsted Femern
- Nykøbing F  
Ringsted Femern
- (Ringsted) – Næstved – Nykøbing F  
Roskilde – Holbæk  
Elektrificeringsprogrammet
- Næstved – Orehoved  
Signalprogrammet
- Nykøbing F  
Signalprogrammet
- (Vigerslev) – Køge Nord – (Ringsted/Næstved)  
Signalprogrammet
- (Roskilde) – (Næstved)  
Signalprogrammet
- (Roskilde) – Lejre  
Sporfornyelse + forberedende arbejder EP
- Vipperød – Kalundborg  
Sporfornyelse + forberedende arbejder EP
- Kastrup Station  
Drænarbejder



# Fjernbanen TIB 21-35

Netredefølrelsen 2020

- (Odense)– Svendborg  
Signalprogrammet
- Esbjerg – Tjæreborg  
Jerne station
- Vejle – Holstebro – Struer – Langå  
Signalprogrammet
- Silkeborg – Svejbjæk  
Nordskovvej
- Vejle – Horsens  
Forberedende arbejder Elektrificeringsprogrammet
- Fredericia – Aarhus  
Sporombygning, hastighedsopgradering og broprojekter
- Hedensted – Horsens  
Stitunnel 3. parts
- Langå – Lindholm  
Forberedende arb. EP, Sporombygning og hastighedsopgradering
- Brabrand – Langå  
Broarbejder
- Aalborg – Lindholm  
Sporombygning samt ny bane til Aalborg lufthavn



Lbnr.	TIB	Line	Project	Description	Exp. duration	Exp. period	Exp. dates	Traffical impact	Builder	Annex VII
1	1	Høje Taastrup –	Trekroner St.	Bicycle path by the track, build in	4 weeks	Week 28-31		Reduced operations. 4.	Roskilde	-

Lbnr.	TIB	Line	Project	Description	Exp. duration	Exp. period	Exp. dates	Traffical impact	Builder	Annex VII
		<b>Roskilde</b>	Universitetsstien	the damm along 4. maintracks (600 meter)				main tracks possessed	Municipality (3. party)	
2	1	<b>Roskilde - Viby</b>	Roskilde - Kalundborg	Works at the tracks outflowbridge	45 days		14/04 kl. 04.00 - 29/05 kl. 04.00	La 40 at the tracks outflowbridge, both directions	Banedanmark	-
3	1	<b>Ringsted station</b>	Ringsted, Ny bane	Misc. works, Ringsted Vest	7 days	In conjunction with possession at Slagelse	10/07 – 01/08	All tracks possessed	Banedanmark	High
4	1	<b>Ringsted - Korsør</b>	Ringsted - Korsør	Slagelse station Conversion of Slagelse station and tests of signal	9 days		10/07 – 01/08	All tracks possessed	Banedanmark	High
5	1	<b>Slagelse station</b>	Ringsted - Korsør	Slagelse station Conversion of tracks 1, 2 and partially track 3	64 days		As above	Reduced operations, possessions in tracks 1, 2 and partially track 3. Trains in the eastern end of Slagelse Station must in this period be shunted to/from track 5.  Normal signalling in track 4	Banedanmark	-
6	1	<b>Slagelse station</b>	Ringsted - Korsør	Final tests	2 days		As above	All tracks possessed	Banedanmark	Medium
7	1	<b>Slagelse station</b>	Ringsted – Korsør	Slagelse station Conversion of tracks 3, 4 and 5	67 days		As above	Reduced operations Possesions in tracks 3, 4 and 5	Banedanmark	High
8	1	<b>Slagelse station</b>	Ringsted - Korsør	Final tests	2 days		As above	All tracks possessed	Banedanmark	Medium
10	1 26	<b>Fredericia station Taulov-Fredericia Fredericia-Snoghøj</b>	Track renewal, Fredericia st.	Stage A Exchange of switches 104a and 107b	4 days	Whitsunday Holidays	29/05 – 01/06	Trains arriving from the southern end cannot operate in track 10 at Fredericia. Left track only at Fredericia – Snoghøj	Banedanmark	-
11	1 26	<b>Fredericia station</b>	Track renewal, Fredericia st.	Stage C Exchange of switch 126	2 days	Medio June		Tracks 2 and 3 possessed from the middle of the platform to the Dv-signal 36. Tracks 2 and 3 not reachable from south or east	Banedanmark	-
12	1	<b>Fredericia station Snoghøj - Fredericia</b>	Track renewal, Fredericia st.	Stage B Exchange of switch 103 and other renewals at switches 103 and 108a (approx. 90 meters)	4 days	Primo June		Left track only between Md-Sno-Fa for trains in direction Fa	Banedanmark	-
13	2	<b>(Ringsted) -</b>	Ringsted-Femern	Conversions between Rg and Næ,	22 weeks		28/03 – 30/08	All tracks possessed	Banedanmark	Major

Lbnr.	TIB	Line	Project	Description	Exp. duration	Exp. period	Exp. dates	Traffical impact	Builder	Annex VII
		<b>(Næstved)</b>		new technical station at Møllebækken.						
14	2	<b>Næstved</b>	Ringsted-Femern	Reisolation of bridge	22 weeks		28/03 – 30/08	Tracks possessed for trains to/from Rg, one track open to/from Lille Syd during the entire project.	Banedanmark	Major
15	2	<b>Nykøbing Falster</b>	Ringsted-Femern	Refitting of new switches in southern end of tracks 3, 4 and 5. Possession from switch 137 a/b incl.	6 months		01/8 – 31/12	Nfv only reachable from tracks 1 and 2.	Banedanmark	-
16	2	<b>Ringsted (ekskl.) – Næstved (ekskl.)</b>	Electrification Programme. Sektion 4	Foundation, masts and cable works	2½ months	Q3, Q4	30/08-31/12	Reduced operations. Nightly possessions 20:00-05:00, nights 1-5	Banedanmark	-
17	2	<b>Næstved (ekskl.) – Vordingborg</b>	Electrification Programme. Sektion 4	Foundation, masts and cable works	5 months	Q1, Q2	TBD	Reduced operations. Nightly possessions 20:00-05:00, nights 1-5	Banedanmark	-
19	2	<b>Orehoved – Nykøbing Falster (ekskl.)</b>	Electrification Programme. Sektion 4	Foundation, masts and cable works		Q1, Q2	TBD	Reduced operations. Nightly possessions 20:00-05:00, nights 1-5	Banedanmark	-
20	2	<b>(Næstved) - Orehoved</b>	Signalling Programme Fjernbane Roll out 7	Installation, testing and final usage of components	Ca. 5 days pr. station	May - October both incl	TBD	Locking of all switches between Lundby and Orehoved due to installation and usage tests of switch drives. One station at a time	Banedanmark	Medium
21	2	<b>Næstved</b>	Signalling Programme Fjernbane Roll out 7	Installation, testing and final usage of components	2 x 3 days	May - October both incl	TBD	All tracks possessed in Næstved. No operations between Holme-Olstrup – Næstved, Glumsø – Næstved and Næstved – Lundby.	Banedanmark	Medium
22	2	<b>Nykøbing Falster</b>	Signalling Programme Fjernbane Roll out 7	Installation, testing and final usage of components	2 x 56 hours	August - December both incl	TBD	Installation and usage tests in Nf tracks 3, 4 and 5. All tracks possessed.	Banedanmark	Medium
23	4	<b>(Holme-Olstrup) - Næstved</b>	Signalling Programme Fjernbane Roll out 7	Installation, testing and final usage of components	2 x 3 days	May - October both incl.	TBD	All tracks possessed in Næstved. No operations between Holme-Olstrup and Næstved.	Banedanmark	Medium
24	4	<b>(Roskilde) - (Næstved)</b>	Signalling Programme Fjernbane EDL Full	Installation, testing and final usage of components plus joint test of R1/EDL Full incl. RBC/RBC handover.	5 days	Q1, Q2, Q3	TBD	All tracks possessed	Banedanmark	Medium

Lbnr.	TIB	Line	Project	Description	Exp. duration	Exp. period	Exp. dates	Traffical impact	Builder	Annex VII
25	<b>4 6</b>	<b>(Vigerslev) - Køge nord - (Næstved)</b>	Signalling Programme Fjernbane Roll out 1	Installation, testing and final usage of components plus joint test of R1/EDL Full incl. RBC/RBC handover.	5 days	Q1, Q2, Q3	TBD	All tracks possessed	Banedanmark	Medium
26	<b>5</b>	<b>(Roskilde) - Holbæk</b>	Electrification Programme. Sektion 5	Foundation, masts and cable works	3 months	Q4	01/10-31/12	Reduced operations. Nightly possessions 20:00-05:00, nights 1-5	Banedanmark	-
26A	<b>5</b>	<b>(Roskilde) - Holbæk</b>	Immunization due to "Fremtidens tog"	Final tests	3 weekends	Q3, Q4	TBD	All tracks possessed on one station at a time on the line	Banedanmark	-
27	<b>5</b>	<b>Roskilde - Lejre</b>	Roskilde - Kalundborg	Bridge works	5,5 days	Easter Holidays	08/04 kl.20 - 14/04 kl. 04.00	All tracks possessed	Banedanmark	Medium
28	<b>5</b>	<b>Vipperød - Kalundborg</b>	Roskilde - Kalundborg	Misc works	8 weeks	After Easter	14/04 04.00 - 08/06 kl. 04.00	All tracks possessed	Banedanmark	Major
29	<b>5</b>	<b>Lejre - Roskilde</b>	Roskilde - Kalundborg	Misc works	8 weeks	After Easter	14/04 kl. 04.00 - 08/06 kl. 04.00	Single track operations only	Banedanmark	-
30	<b>6</b>	<b>(Vigerslev) - Køge nord - (Ringsted)</b>	Signalling Programme Fjernbane Roll out 1	Installation, testing and final usage of components	2 x 56 hours	Q1, Q2	TBD	All tracks possessed	Banedanmark	Medium
31	<b>7</b>	<b>(Østerport fjern-Lersøen)</b>	Signalling Programme, S-bane	RO Nord Operationel test	Weekend	Januaryy	25.01 - 26.01	All tracks possessed	Banedanmark	-
32	<b>21</b>	<b>(Odense) - Svendborg</b>	Signalling Programme Fjernbane Roll out 10	Test operations	6 x 56 hours	Q1, Q2, Q3, Q4.	TBD	All tracks possessed	Banedanmark	Medium
33	<b>23</b>	<b>Fredericia station</b>	Trackrenewal Fredericia st.	Stage D Exchange of X-switch 202b/203b and switch 203a	96 hours	Ultimo June		Possessions of tracks 31 and 32. No northbound operations from tracks 4+5+6. No electrified trains in tracks 4+5+6	Banedanmark	-
34	<b>23</b>	<b>Fredericia station Fredericia - Børkop</b>	Trackrenewal Fredericia st.	Stage E Udveksling switch 242 a/b samt tracksskæring mellem switch 209a og 209b	108 hours	Primo July		Possession of northern part of tracks 3+4+5. Left track only between Fa-Bk  No operations in 5 north  Shunting to/from harbour via track 13  Electrified trains cannot shunt in tracks 46+47	Banedanmark	-

Lbnr.	TIB	Line	Project	Description	Exp. duration	Exp. period	Exp. dates	Traffical impact	Builder	Annex VII
35	23	Fredericia station	Trackrenewal Fredericia st.	Stage F Exchange of switch 230a/b and 236 a/b Renewal of approx. 400 tracks in total, tracks 5 and 6	9 days	Medio/ultimo July		<p>Possessions of northern part of tracks 5+6. Northbound traffic not possible in tracks 44+45+46+47+5</p> <p>No tractioncurrent in track 47</p> <p>Northbound operations from tracks 2+3+4 only</p>	Banedanmark	-
36	23	Børkop - Vejle	Reconstruction of tracks Vejle	Tracks 4 possessed from switch 28b excl. up to switch 12a tracks 5 and 6 possessed from switch 29b excl. up to platform	18 days	To be coordinated with bridgeproject in Vejle		<p>Passagertrains can only operate at Vejle in track 3 No access to harbour</p>	Banedanmark	High
37	23	Børkop - Vejle - Hedensted	Reconstruction of tracks Vejle	Tracks 4,5,6 possessed fra stationlimit to stationlimit	56 hours	To be coordinated with bridgeproject in Vejle		<p>All tracks possessed Trains from Herning can turn in track 3</p>	Banedanmark	Medium
38	23	Børkop - Vejle	Reconstruction of tracks Vejle	Tracks 5,6 possessed fra stationlimit to platform. Tracks 4 possessed from switch 28b excl. up to switch 12a	4 days	To be coordinated with bridgeproject in Vejle		<p>Single track operations between Børkop-Vejle- Passagertrains can only operate at Vejle in track 3 No access to harbour</p>	Banedanmark	Medium
39	23	Vejle station	Reconstruction of tracks Vejle	Tracks 4 possessed from switch 28b excl. up to switch 12a tracks 5 og 6 possessed from switch 29b excl. up to platform	3 days	To be coordinated with bridgeproject in Vejle		<p>Passagertrains can only operate at Vejle in track 3 No access to harbour</p>	Banedanmark	Medium
40	23	Vejle station	Reconstruction of tracks Vejle	Possession of shunting yard and tracks 2 - 3	22 days	To be coordinated with bridgeproject in Vejle		<p>No trains at shunting yards, All operations in tracks 4,5 og 6</p>	Banedanmark	-
41	23 33	Vejle station	Reconstruction of tracks Vejle	Tracks 2,3,	4 days	To be coordinated with bridgeproject in Vejle		<p>No trains at shunting yards, All operations in tracks 4,5 og 6 No trains to/from Herning</p>	Banedanmark	-
42	23	Vejle station	Reconstruction of tracks Vejle	Tracks 2 and 3 possessed	2 days	To be coordinated with bridgeproject in Vejle		<p>No trains at shunting yards, All operations in tracks 4,5 og 6</p>	Banedanmark	-
43	23	Vejle station	Bridge works	Reisolation of bridge in tracks 4+5+6	4 weeks	Summer		<p>Only tracks 2+3 available. Platform only available in tracks 3.</p>	Banedanmark	High
44	23	Vejle station	Bridge works	Omisolering af bro i tracks 2+3	4 weeks	Summer		<p>All operations must be in tracks 4+5+6</p>	Banedanmark	-

Lbnr.	TIB	Line	Project	Description	Exp. duration	Exp. period	Exp. dates	Traffical impact	Builder	Annex VII
45	23	Hedensted station	Prep. works Fa-Ar	Lowering of tracks	2 weekends	Q3		All tracks possessed Hedensted – Horsens	Banedanmark	Medium
46	23	Hedensted station Tracks 1	Prep. works Fa-Ar	Lowering of tracks	6 weeks	Q3		Right tracks Horsens – Hedensted possessed	Banedanmark	Major
47	23	Hedensted station Tracks 2	Prep. works Fa-Ar	Lowering of tracks	6 weeks	Q3		Right tracks Hedensted – Horsens possessed. Left track only between Vejde -Horsens	Banedanmark	Major
48	23	Hedensted station	Prep. works Fa-Ar	Lowering of tracks	4 days	Q3		All tracks possessed Hedensted-Horsens	Banedanmark	Medium
49	23	Hedensted - Horsens	Prep. works Fa-Ar	Bridge works	1 weekend	Q3		All tracks possessed	Banedanmark	Medium
50	23	Hedensted – Horsens	Prep. works Fa-Ar	Bridge works	5 weeks	Q3		LA40 in both tracks from approx. km 53,6 to approx. km 53,7	Banedanmark	-
51	23	Hedensted - Horsens	Establishing 5 m wide tunnel at approx km 44.4	Lifting of tracks, digging and installation of concretetunnel, moistureisolation and rebuilding of tracks	72 hours	Project to be coordinated with prep. Works EP, Fa- Ar. Exp. June to September		All tracks possessed	Hedensted Municipality (3. party)	Medium
52	23	Skanderborg – Hørning	Prep. works Fa-Ar	Lowering of tracks	14 days	Q2		All tracks possessed	Banedanmark	High
53	23	Hørning – Aarhus H	Prep. works Fa-Ar	Lowering of tracks	7 weekend- spærringer	Q2		All tracks possessed	Banedanmark	Medium
54	23	Hørning – Aarhus H	Prep. works Fa-Ar	Lowering of tracks	10 weeks	Q2		Right tracks Hørning – Aarhus H possessed	Banedanmark	Major
55	23	Hørning – Aarhus H	Prep. works Fa-Ar	Lowering of tracks	10 weeks	Q2		Right tracks Aarhus H – Hørning possessed	Banedanmark	Major
56	23	Hørning – Aarhus H	Prep. works Fa-Ar	Lowering of tracks	20 weeks	Q2		LA, in misc tracks. Extent unknown at present tome	Banedanmark	-
57	24	Hobro - Skørping	Prep. works Ar-Lh	Bridge works, Ulstrupvej	10 days	Project to be coordinated with rebuilding of tracks Hobro-Aalborg		Single track operations	Banedanmark	High
58	24	Skørping - Aalborg	Prep. works Ar-Lh	Bridge works, Over kæret, Aalborg	14 days	Project to be coordinated with rebuilding		Single track operations	Banedanmark	High

Lbnr.	TIB	Line	Project	Description	Exp. duration	Exp. period	Exp. dates	Traffical impact	Builder	Annex VII
								of tracks Hobro-Aalborg		
59	24	<b>Skørping - Aalborg</b>	Prep. works Ar-Lh	Bridge works, Over kæret, Aalborg	11 dage. Havnebane possessed i 20 dage			All tracks possessed	Banedanmark	High
								Project to be coordinated with rebuilding of tracks Hobro-Aalborg		
60	24	<b>Hobro - Skørping</b>	Prep. works Ar-Lh	Bridge works, Hobrovej	3 Days			All tracks possessed	Banedanmark	Medium
								Project to be coordinated with rebuilding of tracks Hobro-Aalborg		
61	24	<b>Hobro - Skørping</b>	Prep. works Ar-Lh	Bridge works, Hobrovej	19 Days			Single track operations	Banedanmark	High
								Project to be coordinated with rebuilding of tracks Hobro-Aalborg		
62	24	<b>Brabrand - Mundelstrup</b>	Prep. works Ar-Lh	Bridge works, Selkærvej	Weekend	Spring	TBD	All tracks possessed	Banedanmark	Medium
63	24	<b>Brabrand - Mundelstrup</b>	Prep. works Ar-Lh	Bridge works, Selkærvej	2 Days	Spring	TBD	Single track operations	Banedanmark	Medium
64	24	<b>Brabrand - Mundelstrup</b>	Prep. works Ar-Lh	Bridge works, Lyngbygårdsvej 52	Weekend	Autumn	TBD	All tracks possessed	Banedanmark	Medium
65	24	<b>Mundelstrup - Hinnerup</b>	Prep. works Ar-Lh	Bridge works, Magdalene markvej	Weekend	Spring	TBD	All tracks possessed	Banedanmark	Medium
66	24	<b>Mundelstrup - Hinnerup</b>	Prep. works Ar-Lh	Bridge works, Tovhøjevej	Weekend	Spring	TBD	All tracks possessed	Banedanmark	Medium
67	24	<b>Hinnerup - Hadsten</b>	Prep. works Ar-Lh	Bridge works, Kollerupvej	Weekend	Spring	TBD	All tracks possessed	Banedanmark	Medium
68	24	<b>Hinnerup - Hadsten</b>	Prep. works Ar-Lh	Bridge works, Kollerupvej	12 days	Autumn	TBD	Single track operations	Banedanmark	High

Lbnr.	TIB	Line	Project	Description	Exp. duration	Exp. period	Exp. dates	Traffical impact	Builder	Annex VII
69	24	Hobro - Aalborg	Reconstruction of tracks og speed upgrades	Track-, signal-, bridge and damm works between Hobro- Skørping	14 weeks	March - June	14/03 - 19/06	1 tracks closed for operations, LA80 in nabouring tracks med LA 80. Nabouring tracks possessed kl. 23- 5	Banedanmark	Major
70	24	Hobro - Aalborg	Reconstruction of tracks og speed upgrades	Track-, signal-, bridge and damm works between Skørping-Ålborg	15 weeks	July - November	25/07 - 08/11	1 tracks closed for operations, LA80 in nabouring tracks med LA 80. Nabouring tracks possessed kl. 23- 5	Banedanmark	Major
71	24	Hobro - Aalborg	Reconstruction of tracks og speed upgrades	Track-, signal-, bridge and damm works between Hobro- Ålborg	5 weeks	June – July	19/06 – 24/07	All tracks possessed in Hobro N km 199,60- to km 248,00 Ålborg st. Operations possible in northern end	Banedanmark	Major
72	24	Hobro - Aalborg	Reconstruction of tracks og speed upgrades	Signals final tests, Ålborg st.	1 week	July	25/07 – 31/07	All tracks possessed at Ålborg st.	Banedanmark	Medium
73	24	Hobro - Aalborg	Reconstruction of tracks og speed upgrades	Track-, signal-, bridge and damm works between Hobro- Ålborg	5 days	Easter	09/04 -13/04	All tracks possessed Hobro N km 199,60- til km 248,00 Ålborg st. exl. platforms	Banedanmark	Medium
74	24	Hobro - Aalborg	Reconstruction of tracks og speed upgrades	Track-, signal-, bridge and damm works between Hobro- Ålborg	4 days	Ascension Day	21/05- 24/05	All tracks possessed Hobro N km 199,60- til km 248,00 Ålborg st. exl. platforms	Banedanmark	Medium
75	24	Hobro - Aalborg	Reconstruction of tracks og speed upgrades	Track-, signal-, bridge and damm works between Hobro- Ålborg	2 x 56 hours	May - October	18/04 – 31/10	All tracks possessed Hobro- Skørping or Skørping -Ålborg	Banedanmark	Medium
76	24	Skørping - Ålborg	Prep. works Ar-Lh	Bridge works, Planetvej	56 hours	To be coordinated with rebuilding of tracks Hobro-Aalborg		All tracks possessed	Banedanmark	Medium
77	25	Aalborg - Lindholm	Prep. works Ar-Lh	Bridge works, Vesterbro, Aalborg	13 days	To be coordinated with rebuilding of tracks Hobro-Aalborg		Single track operations	Banedanmark	High
78	25	Aalborg - Lindholm	Prep. works Ar-Lh	Bridge works, Vesterbro, Aalborg	7 weeks	To be coordinated with rebuilding of tracks Hobro-Aalborg		All tracks possessed	Banedanmark	Major

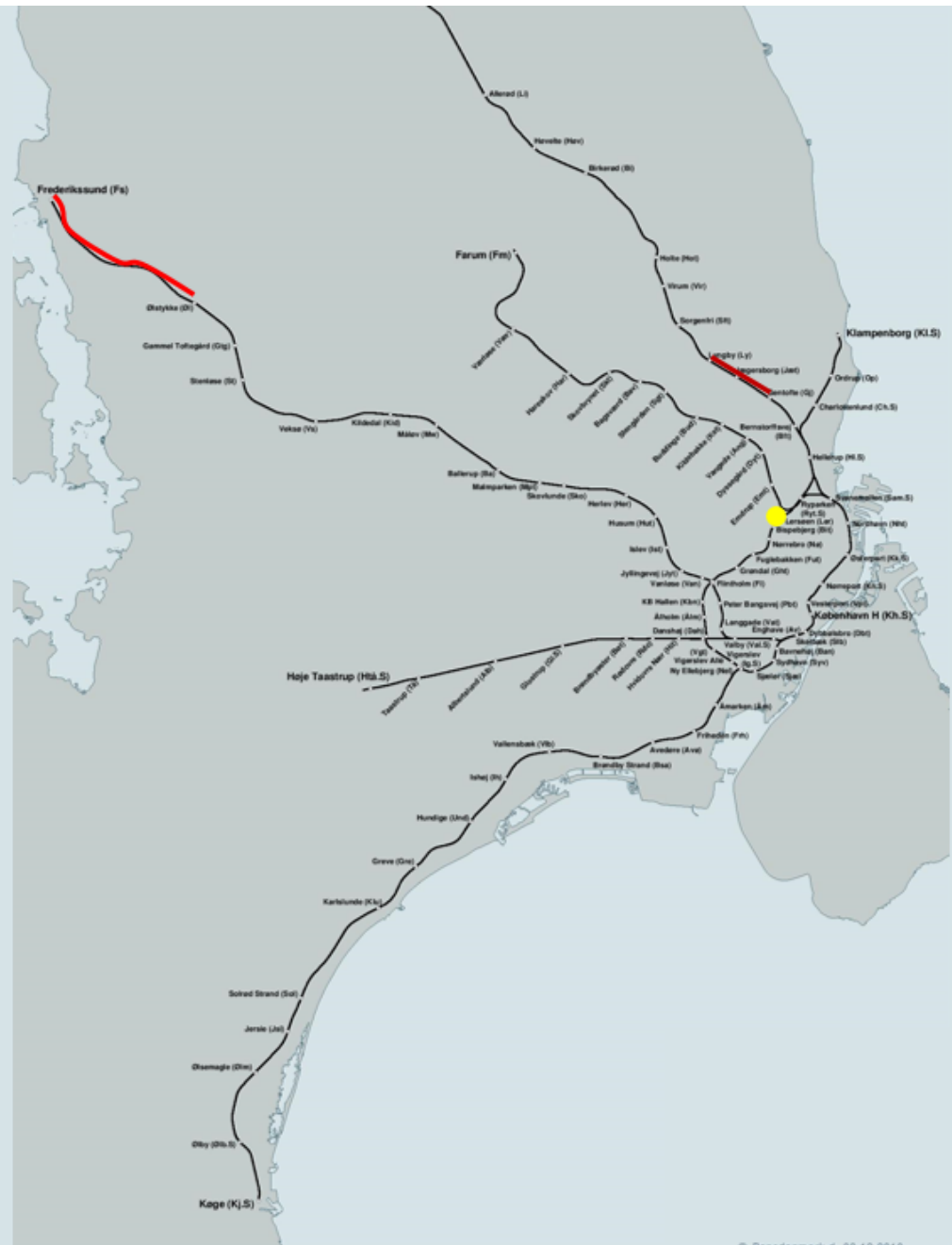
Lbnr.	TIB	Line	Project	Description	Exp. duration	Exp. period	Exp. dates	Traffical impact	Builder	Annex VII
79	25	<b>Aalborg - Lindholm</b>	Reconstruction of tracks and speed upgrades	Track-, signal-, bridge and damm works between Ålborg st.	7 weeks	August - September	31/07 - 21/09	All tracks possessed Aalborg st., from km 248,40 - In signal north. Conversion of platformtracks to be coordinated in order to maintain southbound operations	Banedanmark	Major
80	25	<b>Lindholm st. Aalborg st. (ekskl.) - Brønderslev st. (ekskl.)</b>	New line to Aalborg Airport  Doubletracks at Lindholm and Hjørring. Prep. works Aarhus-Aalborg.	Track, ground and drainage works due to establishing doubletracks at Lindholm, and connection of feeder to the new line to Aalborg Airport  Signals, electricity and traffic control due to doubletracks at Lindholm and the new line to Aalborg Airport  Lowering of tracks under bridge 21220 Viaduktvej (Lindholm st.)	7 weeks	Summer - Autumn	31/07 - 21/09	All tracks possessed	Banedanmark	Major
81	25	<b>Vrå station</b>	Establishing misc. technical acilities and level crossings	Track 1	15 dage		TBD	Track 1 unavailable, no crossings possible	Banedanmark	High
82	25	<b>Sindal station</b>	Establishing misc. technical acilities and level crossings	Closure of entire station	56 hours		TBD	All tracks possessed	Banedanmark	Medium
83	29	<b>Tjæreborg - Esbjerg</b>	New station Jerne	1. maintrack possessed	7 days	Q2	09/04 - 13/04 08/05 - 10/05	Single track operations La 80 in 2. maintrack	Banedanmark	Medium
84	29	<b>Tjæreborg - Esbjerg</b>	New station Jerne	La-kørsel		Q2	14/04 -14/06	La 40 in 1. maintrack La 80 in 2. maintrack	Banedanmark	-
85	29	<b>Esbjerg - Tjæreborg</b>	New station Jerne	2. maintrack possessed	7 days	Q2	21/05 - 24/05 30/05 - 01/06	Single track operations La 80 in 1. maintrack	Banedanmark	Medium
86	29	<b>Esbjerg - Tjæreborg</b>	New station Jerne	La-kørsel		Q2, Q3	24/05 - 06/07	La 40 in 2. maintrack La 80 in 1. maintrack	Banedanmark	-
87	31	<b>Struer - Holstebro</b>	Signalling Programme West	Testing and implementation of Signalling Programme	3-4 weekends	Q1, Q2	TBD	All tracks possessed	Banedanmark	Medium
88	32	<b>(Langå) - (Struer)</b>	Signalling Programme West	Testing and implementation of Signalling Programme	6-8 weekends	Q1, Q2	TBD	All tracks possessed (Most possessions vil only consist of parts of the line, i.e.. Vinderup- Skive)	Banedanmark	Medium
89	33	<b>(Vejele) - Holstebro</b>	Signalling Programme West	Testing and implementation of Signalling Programme	6-8 weekends	Q3, Q4	TBD	All tracks possessed (Most possessions vil only consist of parts of the line,	Banedanmark	Medium

Lbnr.	TIB	Line	Project	Description	Exp. duration	Exp. period	Exp. dates	Traffical impact	Builder	Annex VII
								ie.. Holstebro-Herning)		
90	35	<b>Silkeborg - Svejbæk</b>	Nordskovvej	Reconstruction of Nordskovvej, Silkeborg	6 weeks	Januaryy/June	TBD	Reduced operations, Speed reductions at work site (500 m)	Silkeborg Municipality (3. party)	-
91	35	<b>Silkeborg - Svejbæk</b>	Nordskovvej	Lowering of bridge on Nordskovvej, Silkeborg	12 days	Easter holidays	TBD	All tracks possessed	Silkeborg Municipality (3. party)	High

# S-banen

## Netredegørelsen 2020

-  Gentofte – Lyngby  
Broarbejder
-  Ølstykke – Frederikssund  
Vinge station
-  Lersøen st.  
Nordvestpassagen
-  Mange TIB strækninger  
Signalprogrammet



Lbnr.	TIB	Strækning	Projekt	Beskrivelse	Forventet varighed	Forventet periode	Forventede datoer	Trafikale konsekvenser	Bygherre
1	820	Gentofte - Lyngby	Bridge works	Repairs on steel elements and surfacetreatment of trackcarrying bridge. Repairs on concrete elements on roadcarrying bridge  Stålreparationer og overfladebehandling af tracksbærende bro Betonreparationer af vej bærende bro	3 days	Spring	TBD	All tracks possessed, no traction current available	Banedanmark
2	820	Gentofte - Lyngby	Bridge works	Repairs on steel elements and surfacetreatment of trackcarrying bridge. Repairs on concrete elements on roadcarrying bridge	28 days	Summer vacation	TBD	Reduced operations. Possession of sothern tracks no traction current available	Banedanmark
3	820	Gentofte - Lyngby	Bridge works	Repairs on steel elements and surfacetreatment of trackcarrying bridge. Repairs on concrete elements on roadcarrying bridge	3 days	Summer vacation	TBD	Reduced operations. No traction current available	Banedanmark
4	820	Gentofte - Lyngby	Bridge works	Repairs on steel elements and surfacetreatment of trackcarrying bridge. Repairs on concrete elements on roadcarrying bridge	14 days	Summer vacation	TBD	Reduced operations. Possession of sothern tracks no traction current available	Banedanmark
7	830	Ølstykke - Frederikssund	Vinge station	Establishing Vinge station	3 days	St. Bededagsferien	07/05 kl. 20.30 – 11/05 kl. 04.30	All tracks possessed between Ølstykke – Frederikssund	Banedanmark
8	830	Ølstykke - Frederikssund	Vinge station	Establishing Vinge station	10 days	Påske	08/04 kl. 20.30 – 14/04 kl. 04:30	All tracks possessed between Ølstykke – Frederikssund	Banedanmark
10	880	Lersøen station	Nordvestpassagen	Nordvestpassagen, Establishing new undercarriage	9 days	27/06 – 09/08	TBD	All tracks possessed from Lersøen tracks 11 og 12, stationborder towards Flintholm to signals 112 in track 11 and 122 in track 12	Copenhagen Municipality (3. party)
11	840	Farum/Klampenborg/ Jægersborg – Nordhavn	Signalling Programme, S-bane	RO Nord Operationel Test	Weekend	January	25.01 - 26.01	All tracks possessed	Banedanmark
12	860	Nordhavn - Østerport sp 5	Signalling Programme, S-bane	RO Nord Operationel Test	Weekend	January	25.01 - 26.01	All tracks possessed	Banedanmark
13	880	Ny Ellebjerg – Hellerup	Signalling Programme, S-bane	RO Nord Operationel test	Weekend	January	25.01 - 26.01	All tracks possessed	Banedanmark
14	840, 860,	Farum/Klampenborg/ Jægersborg –	Signalling Programme, S-bane	RO Nord Final Test	Weekend	July	25.07 - 26.07	All tracks possessed	Banedanmark

Lbnr.	TIB	Strækning	Projekt	Beskrivelse	Forventet varighed	Forventet periode	Forventede datoer	Trafikale konsekvenser	Bygherre
	<b>820</b>	<b>Nordhavn</b>							
15	<b>820</b>	<b>Nordhavn - Østerport sp 5</b>	Signalling Programme, S-bane	RO Nord Final Test	Weekend	July	25.07 - 26.07	All tracks possessed	Banedanmark
16	<b>880</b>	<b>Ny Ellebjerg – Hellerup</b>	Signalling Programme, S-bane	RO Nord Final Test	Weekend	July	25.07 - 26.07	All tracks possessed	Banedanmark
17	<b>840, 860, 820, 880</b>	<b>Hele CBTC-området (EDL + RO2 + Roll Out Nord)</b>	Signalling Programme, S-bane	RO Nord Final Test	Weekend Ca. 4 hours	July	26.07	All tracks possessed	Banedanmark
18	<b>TIB All</b>	<b>Kh depot, tracks 113, 114 og 115</b>	Signalling Programme, S-bane	RO Central Kh Depot Operationel Test	1 dag	August	22.08	All tracks possessed	Banedanmark
19	<b>820, 810, 850</b>	<b>Nordhavn - Carlsberg/Sydhavn</b>	Signalling Programme, S-bane	RO Central Operationel Test	Weekend	October	17.10-18.10	All tracks possessed	Banedanmark
20	<b>820</b>	<b>Nordhavn - Svanemøllen sp 5</b>	Signalling Programme, S-bane	RO Central Operationel Test	Weekend	October	17.10-18.10	All tracks possessed	Banedanmark
21	<b>810, 830</b>	<b>Carlsberg - Valby sp 5</b>	Signalling Programme, S-bane	RO Central Operationel Test	Weekend	October	17.10-18.10	All tracks possessed	Banedanmark
22	<b>850</b>	<b>Sydhavn - Åmarken sp 1</b>	Signalling Programme, S-bane	RO Central Operationel Test	Weekend	October	17.10-18.10	All tracks possessed	Banedanmark

## Overview over restrictions not covered by the Network Statement\*

Lbnr.	TIB	Strækning	Projekt	Beskrivelse	Forventet varighed	Forventet periode	Forventede datoer	Trafikale konsekvenser	Bygherre
1	1	<b>København Fjern, forbindelse til Nær</b>	Signalling Programme, S-bane	RO Central Operationel Test	Weekend 2 hours	October	17.10-18.10	All tracks possessed	Banedanmark
2	5	<b>Roskilde - Kalundborg</b>	Roskilde-Kalundborg	Prep. works	8 x 9 hours, at night		29/03 kl. 20.00 - 08.04 kl. 04.00	All tracks possessed	Banedanmark
3	5	<b>Roskilde - Holbæk</b>	Roskilde -Kalundborg	Final adjustments	10 nights		26/07 kl. 20.00 -31/07 kl. 04.00 and 02/08 kl. 20.00 - 07/08 kl. 04.00	All tracks possessed	Banedanmark
4	6 880	<b>Vigerslev Fjern, forbindelse til Nær</b>	Signalling Programme, S-bane	RO Nord Operationel test	Weekend Approx. 2 hours	January	25.01 - 26.01	All tracks possessed	Banedanmark
5	10, 820	<b>Østerport Fjern, forbindelse til Nær</b>	Signalling Programme, S-bane	RO Central Operationel Test	Weekend 2 hours	October	17.10-18.10	All tracks possessed	Banedanmark
6	11	<b>(Tårnby)-Kastrup</b>	Sund & Bælt	De-acidification of drain between tracks 1 and 2 at Kastrup	2 weeks of 5 weekday nights. 6 hours every night.		TBD	All trains must use tracks 11 and 12. Passengers must disembark at Tårnby.	
7	23	<b>Hedensted station</b>	Prep. works Fa-Ar	Lowering of tracks	10 nights	Q3		All tracks possessed Hedensted – Horsens	Banedanmark
8	23	<b>Hedensted – Horsens</b>	Prep. works Fa-Ar	Bridge works	8 nights	Q3		All tracks possessed	Banedanmark
9	24	<b>Hobro - Skørping</b>	Prep. works Ar-Lh	Bridge works, Ulstrupvej	10 nights		To be coordinated with rebuilding of tracks Hobro-Aalborg	Single track operations	Banedanmark
10	24	<b>Skørping - Aalborg</b>	Prep. works Ar-Lh	Bridge works, Over køret, Aalborg	9 nights		To be coordinated with rebuilding of tracks Hobro-Aalborg	Single track operations	Banedanmark
11	24	<b>Hobro - Skørping</b>	Prep. works Ar-Lh	Bridge works, Hobrovej	30 nights		To be coordinated with rebuilding of	Single track operations	Banedanmark

Lbnr.	TIB	Strækning	Projekt	Beskrivelse	Forventet varighed	Forventet periode	Forventede datoer	Trafikale konsekvenser	Bygherre
						tracks Hobro-Aalborg			
12	24	<b>Brabrand - Mundelstrup</b>	Prep. works Ar-Lh	Bridge works, Lyngbygårdsvej 52	5 nights	Autumn	TBD	Single track operations	Banedanmark
13	24	<b>Mundelstrup - Hinnerup</b>	EPFA Ar-Lih	Bridge works, Magdalene markvej	5 nights	2 weekends Spring og 3 Autumn	TBD	Single track operations	Banedanmark
14	24	<b>Mundelstrup - Hinnerup</b>	Prep. works Ar-Lh	Bridge works, Tovhøjvej	5 nights	2 weekends Spring og 3 Autumn	TBD	Single track operations	Banedanmark
15	24	<b>Hinnerup - Hadsten</b>	Prep. works Ar-Lh	Bridge works, Kollerupvej	2 nights	Spring	TBD	All tracks possessed	Banedanmark
16	24	<b>Hinnerup - Hadsten</b>	Disband of crossing	Disband of crossing300, km 136,248	16 nights á 8 hours	Autumn, Q3, Q4	TBD	Possession of both tracks	Banedanmark
17	24	<b>Hinnerup - Hadsten</b>	Disband of crossing	Disband of crossing300, km 136,248	14 nights á 8 hours	Autumn, Q3, Q4	TBD	Single track operations	Banedanmark
18	24	<b>Hadsten - Langå</b>	Disband of crossing	Disband of crossing313, Km 145,901	16 nights á 8 hours	Autumn, Q3, Q4	TBD	Possession of both tracks	Banedanmark
19	24	<b>Hadsten - Langå</b>	Disband of crossing	Disband of crossing313, km 145,901	14 nights á 8 hours	Autumn, Q3, Q4	TBD	Single track operations	Banedanmark
20	24	<b>Hadsten - Langå</b>	Disband of crossing	Disband of crossing318, km 149,631	16 nights á 8 hours	Autumn, Q3, Q4	TBD	Possession of both tracks	Banedanmark
21	24	<b>Hadsten - Langå</b>	Disband of crossing	Disband of crossing318, km 149,631	14 nights á 8 hours	Autumn, Q3, Q4	TBD	Single track operations	Banedanmark
22	24	<b>Langå – Stevnstrup – Randers</b>	Prep. works Ar-Lh	Bridge works – Misc. works	2 nætter	Q1, Q2	Spring	All tracks possessed	Banedanmark
23	24	<b>Langå – Stevnstrup – Randers</b>	Prep. works Ar-Lh	Bridge works – Misc. works	6 nætter	Q1, Q2	Spring	Single track operations	Banedanmark
24	24	<b>Randers-Fårup-Hobro</b>	Prep. works Ar-Lh	Bridge works – Misc. works	4 nætter	Q1, Q2	Spring	All tracks possessed	Banedanmark
25	24	<b>Randers-Fårup-Hobro</b>	Prep. works Ar-Lh	Bridge works - Misc. works	12 nætter	Q1, Q2	Spring	Single track operations	Banedanmark
26	24	<b>Randers-Fårup-Hobro</b>	Prep. works Ar-Lh	Bridge works – Misc. works	4 nætter	Q3, Q4	Autumn	All tracks possessed	Banedanmark
27	24	<b>Randers-Fårup-Hobro</b>	Prep. works Ar-Lh	Bridge works - Misc. works	12 nætter	Q3, Q4	Autumn	Single track operations	Banedanmark

Lbnr.	TIB	Strækning	Projekt	Beskrivelse	Forventet varighed	Forventet periode	Forventede datoer	Trafikale konsekvenser	Bygherre
28	24	Hobro - Aalborg	Reconstruction of tracks og hastighedsopgradering	Tracks-, sikrings-, bro- og dæmnings arbejder	6-8 hours	Februar - november	TBD	At night Hobro N km 199,60- to km 248,00 Ålborg st. exl. platforms, Ålborg st., various groups of tracks. incl. prep. works/ remaining works	Banedanmark
29	24	Skørping - Ålborg	Prep. works Ar-Lh	Bridge works, Planetvej	10 nights	To be coordinated with rebuilding of tracks Hobro-Aalborg		All tracks possessed	Banedanmark
30	31 32 33	(Langå) – Struer – Struer – Holstebro (Vejle) – Holstebro	Signalling Programme West	Testing and implementation	Nights 2 - 5, 20.00 – 04.00	Approx. 8 weeks	TBD	Nights	Banedanmark
31	34	Hvidbjerg station	Establishing misc. technical acilities and level crossings	Tracks 1	10 days of 14 hours + 4 nights of 8 hours. 5 nights of total closure		TBD	No crossings possible, no operations possible during total closure of lines	Banedanmark
32	34	Bedsted Thy	Establishing misc. technical acilities and level crossings		10 days of 14 hours + 4 nights of 8 hours. 5 nights of total closure		TBD	No crossings possible, no operations possible during total closure of lines	Banedanmark
33	24	Brabrand - Mundelstrup	Prep. works Ar-Lh	Bridge works, Selkærvej	4 nights	Spring	TBD	All tracks possessed	Banedanmark
34	24	Langå – Stevnstrup – Randers	Prep. works Ar-Lh	Bridge works – dismantlement of scaffolding	12 hours		April	All tracks possessed	Banedanmark
35	24	Randers-Fårup-Hobro	Prep. works Ar-Lh	Bridge works – dismantlement of scaffolding	12 hours		July	All tracks possessed	Banedanmark
36	24	Randers-Fårup-Hobro	Prep. works Ar-Lh	Bridge works – steel elements	12 hours		Juni	All tracks possessed	Banedanmark
37	24	Randers-Fårup-Hobro	Prep. works Ar-Lh	Bridge works – dismantlement of scaffolding	12 hours		August	All tracks possessed	Banedanmark
38	24	Randers- Fårup – Hobro	Prep. works Ar-Lh	Bridge works – dismantlement of scaffolding	24 hours	2019	December	All tracks possessed	Banedanmark
39	24	Randers – Fårup – Hobro	Prep. works Ar-Lh	Bridge works – dismantlement of scaffolding	24 hours	2019	December	All tracks possessed	Banedanmark
40	24	Randers-Fårup-Hobro	Prep. works Ar-Lh	Bridge works – demolition	24 hours		January	All tracks possessed	Banedanmark
41	24	Randers-Fårup-Hobro	Prep. works Ar-Lh	Bridge works – dismantlement of scaffolding	24 hours		Marts	All tracks possessed	Banedanmark
42	24	Randers-Fårup-	Prep. works Ar-Lh	Bridge works –	24 hours		April	All tracks possessed	Banedanmark

Lbnr.	TIB	Strækning	Projekt	Beskrivelse	Forventet varighed	Forventet periode	Forventede datoer	Trafikale konsekvenser	Bygherre
		<b>Hobro</b>		demolition					
43	24	<b>Randers-Fårup-Hobro</b>	Prep. works Ar-Lh	Bridge works – dismantlement of scaffolding	24 hours		Maj	All tracks possessed	Banedanmark
44	24	<b>Randers-Fårup-Hobro</b>	Prep. works Ar-Lh	Bridge works – demolition	24 hours		September	All tracks possessed	Banedanmark
45	25	<b>Sindal station</b>	Establishing misc. technical facilities and level crossings	10-hours possession of either tracks 1 or tracks 2	20 days		TBD	No crossings possible	Banedanmark
46	830	<b>Ølstykke - Frederikssund</b>	Vinge station	Establishing Vinge station	6 weeks at night	Q1, Q2	27/03 – 03/05	Reduced operations Ølstykke – Frederikssund in the evening from kl. 20.30	Banedanmark

\* To the extent they are known