

CONCORD
I-93 OVER LOUDON ROAD (NB Construction) Revised 4/15/2010(3)

Activity Name	Start Date	Start Time	Finish Date	Finish Time	Duration	Crit Path time	12	01	02	03
E.D. SWETT SCHEDULE										
1000 Begin Project	Fri, May 07	07:00 PM								
1010 Shift traffic and install temp barrier (pavement markings?)	Fri, May 07	07:00 PM	Fri, May 07	11:00 PM	4.00	4.00				
1100 Bridge deck removal and excavation + saw cut exp end back-wall (S.U.R. & L.S. Concrete Cutting))	Fri, May 07	11:00 PM	Sat, May 08	09:00 AM	10.00	10.00				
1200 Remove existing beams (EDS Sched)	Sat, May 08	09:00 AM	Sat, May 08	01:00 PM	4.00	4.00				
1250 Erect New beams w/ studs attached & install new bearings	Sat, May 08	01:00 PM	Sat, May 08	06:00 PM	5.00	5.00				
Torque bolts	Sat, May 08	06:00 PM	Sat, May 08	10:00 PM	4.00	4.00				
1300 Install Precast deck panels										
1310 Check/adjust leveling screws										
1320 Install shims										
1330 Form haunch grout dams										
1340 Place jersey barriers on end slabs										
1400 Shift barriers to 1 lane NB & 2 lanes S.B. (Pavement markings ?)	Sat, May 08	10:00 PM	Sun, May 09	06:00 AM	8.00	0.00				
1500 Install post-tensioning strands (Constructive Services Inc)	Sat, May 08	10:00 PM	Sun, May 09	12:00 AM	2.00	2.00				
1600 Grout transverse shear keys using Rapid Set Grout (Mix bags in mortar mixer)	Sun, May 09	12:00 AM	Sun, May 09	04:00 AM	4.00	4.00				
1700 Grout cure-wait period (Grout to 1500 psi before post-tensioning) Rapid set: 3,000 psi in 1 hour 4,500 psi in 3 hours	Sun, May 09	04:00 AM	Sun, May 09	06:00 AM	2.00	2.00				
1800 Stress Post-Tension Strands (Constructive Services, Inc.)	Sun, May 09	06:00 AM	Sun, May 09	10:00 AM	4.00	4.00				
1900 Grout Post-Tension Ducts (Constructive Services, Inc.)	Sun, May 09	10:00 AM	Sun, May 09	02:00 PM	4.00	4.00				
2100 Form and pour C.I.P. Deck ends	Sat, May 08	07:00 PM	Sun, May 09	07:00 PM	24.00	0.00				
2105 Form & Pour (for crit path)	Sun, May 09	06:00 PM	Sun, May 09	07:00 PM	1.00	1.00				
2200 Concrete Wet cure and wait period (6 hours) 2 hour wet cure 6 hour wait period	Sun, May 09	07:00 PM	Mon, May 10	01:00 AM	6.00	6.00				
2300 Grout shear stud pockets & beam haunches (Use Rapid set grout) Mix in Redi-Mix trucks)	Sun, May 09	02:00 PM	Sun, May 09	06:00 PM	4.00	4.00				
2400 Grout cure-wait period Rapid Set: 3,000 psi in 1 hour 4,500 psi in 3 hours	Sun, May 09	06:00 PM	Sun, May 09	09:00 PM	3.00	0.00				
<i>Note: 4000 psi (equal design strength of panels)</i>										
2500 Install vertical membrane at abutments and back-fill	Sun, May 09	09:00 PM	Mon, May 10	01:00 AM	4.00	0.00				
2600 Cold pane & pavement at abutment A (Continental Paving)	Mon, May 10	01:00 AM	Mon, May 10	02:00 AM	1.00	1.00				
2655 Cold pane & pavement at abutment B (Continental Paving)	Mon, May 10	02:00 AM	Mon, May 10	03:00 AM	1.00	1.00				
2700 Install temp barrier on bridge and pavement markings	Mon, May 10	03:00 AM	Mon, May 10	04:00 AM	1.00	1.00				
2750 Remove traffic phasing barrier to restore 2 lane NB & SB (Pavement markings ?)	Mon, May 10	04:00 AM	Mon, May 10	06:00 AM	2.00	2.00				
2850 Shift Traffic	Mon, May 10	06:00 AM	Mon, May 10	06:30 AM	0.50	0.50				
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