Minimize Delivery Time Errors for Each Driver I

Minimize sum(abs(err))

Time	Action	Time_spend	Delivery_time	Due_time	abs(Err)
15:00:00	Picking up at store A	3600s (60m)			
	idle	**?**			
	driving to D11	549s (6m)		17:00:00	
	idle	**?**			
	driving to D12	926s (15.5m)		17:14:46	
	idle	**?**			
	driving to D13	926s (15.5m)		17:31:03	
	driving to store B	293s (5m)			
	Picking up at store B	4080s (68m)			
	idle	**?**			
	driving to D14	751s (12.5m)		19:00:00	
	idle	**?**			
	driving to D15	62s (1m)		19:00:00	

Minimize Delivery Time Errors for Each Driver II

Solution

Minimal sum(abs(err)) = 2 minutes

Time	Action	Time_spend	Delivery_time	Due_time	abs(Err)
15:00:00	Picking up at store A	3600s (60m)			
16:00:00	idle	**52m**			
16:52:00	driving to D11	459s (8m)	17:00:00	17:00:00	**0m**
	idle	**0m**			
17:00:00	driving to D12	926s (15.5m)	17:15:30	17:14:46	**1m**
	idle	**0.5m**			
17:16:00	driving to D13	926s (15m)	17:31:00	17:31:03	**0m**
17:31:00	driving to store B	293s (5m)			
17:36:00	Picking up at store B	4080s (68m)			
18:44:00	idle	**3.5m**			
18:47:30	driving to D14	751s (12.5m)	19:00:00	19:00:00	**0m**
	idle	**0m**			
19:00:00	driving to D15	62s (1m)	19:01:00	19:00:00	**1m**