

# Hood Operator Sequence

For use with timetable #22

## NOTES:

1. **The Hood operator should always align the west end switch and east end crossover to protect any trains on either the main or the siding taking water, making station stops or working in the area.**
  2. **Toggle switch settings**
    - **Track Switches - down is normal, up is reverse**
    - **Semaphores - down is restricted, up is clear**
  3. **West end switch**
    - **Coming from Flat Top - normal - main, reverse - siding**
  4. **East end crossover**
    - **Coming from Swift Run - normal - siding, reverse - main**
    - **Coming from Thorny Point - normal - main, reverse - stop**
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## 6:00am

1. Open the office and get ready for the day's work by checking to make sure all semaphores are in a restricted state and all switches are set to normal.

## 6:41am

2. #121 arrives, set the east end crossover to normal then set the Swift Run/Hood semaphore to clear and route #121 through town via siding.
3. After #121's arrival set the Swift Run/Hood semaphore to restricted, set the west end switch to normal and east end crossover to reverse to protect #121.

## 6:46am

4. #121 departs, set the west end switch to reverse then set the Hood/Flat Top semaphore to clear for #121's departure.
5. After #121's departure set the Hood/Flat Top semaphore to restricted and set the west end switch to normal.

## 6:54am

6. #131 arrives, verify the west end switch is set to normal and the east end crossover is set to reverse then set the Swift Run/Hood semaphore to clear and route #131 through town via main.
7. After #131's arrival set the Swift Run/Hood semaphore to restricted, set the west end switch to reverse and the east end crossover to normal to protect #131.

## 6:59am

8. #131 departs, set the west end switch to normal then set the Hood/Flat Top semaphore to clear for #131's departure.
9. After #131's departure set the Hood/Flat Top semaphore to restricted.

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**(begin meet process for #110 & #11)**

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## 8:19am

10. #110 arrives, set the west end switch to reverse and the east end crossover to normal then route #110 through town via siding.
11. After #110's arrival set west end switch to normal to protect #110 and for #11's arrival.

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12. After #110 has taken water request access to the Hood/Swift Run helix interlock and route #110 into the helix interlock until its caboose is west of the Swift Run/Hood semaphore.

## 8:26am

13. #11 arrives, verify the west end switch and east end crossover are set for to normal then set the east Thorny Point/Hood semaphore to clear and route #11 through town via main (only option).
14. After #11's arrival set the east Thorny Point/Hood semaphore to restricted.

## 8:31am

15. #11 departs, verify the west end switch is set to normal then set the Hood/Flat Top semaphore to clear.
16. After #11 departs set the Hood/Flat Top semaphore to restricted.
17. Set the east end crossover to reverse then set the Swift Run/Hood semaphore to clear and route #110 back into Hood onto the main via crossover.
18. After #110's arrival set the Swift Run/Hood semaphore to restricted.
19. Set the east end crossover to normal for #110's departure.

===== (end meet process for #110 & #11) =====

## 9:41am

20. #30 arrives, set the west end switch to normal then route through town via main.
21. After #30's arrival, set the west end switch to reverse and east end crossover to normal to protect #30.

## 9:46am

22. #30 departs, set the west end crossover to reverse then request access to the Hood/Swift Run helix interlock for #30's departure.
23. #2 (mail express) arrives, set the west end switch to normal and route through town via siding.
24. After #2's arrival, set the west end switch to normal and east end crossover to reverse to protect #2.

## 9:51am

25. #2 departs, set the west end crossover to normal then request access to the Hood/Swift Run helix interlock for #2's departure.

## 10:15am (approximate)

26. Thorny Point Extra arrives, set the west end switch and the east end crossover to normal then set the east Thorny Point/Hood semaphore to clear and route the Thorny Point Extra through town via main (only option).
27. After the Thorny Point Extra's arrival set the east Thorny Point/Hood semaphore to restricted, set the west end switch to reverse to protect the Thorny Point Extra.

## 10:20am (approximate)

28. Thorny Point Extra departs, set the west end switch to normal then set the Hood/Flat top semaphore to clear for the Thorny Point Extra departure.
29. After the Thorny Point Extra's departure set the Hood/Flat Top semaphore to restricted.

## 10:50am (approximate)

30. Broadway Turn arrives, set the west end switch to normal then route through town via main.
31. After Broadway Turn's arrival, set the west end switch to reverse and the east end crossover to normal to protect the Broadway Turn.

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**10:55am** (approximate)

32. Broadway Turn departs, set the east end crossover to reverse then request access to the Hood/Swift Run helix interlock for the Broadway Turn's departure.

**11:44am**

33. #31 arrives, set the west end switch and east end crossover to normal then set the Swift Run/Hood semaphore to clear and route through town via siding.

34. After #31's arrival set the Swift Run/Hood semaphore to restricted, set the east end crossover to reverse to protect #31.

**11:49am**

35. #31 departs, set the west end switch to reverse then set the Hood/Flat Top semaphore to clear for #31's departure.

36. After #31's departure set the Hood/Flat Top semaphore to restricted.

**11:55am**

37. #5 (mail express) arrives, set the east end crossover to normal then set the Swift Run/Hood semaphore to clear and route #5 through town via siding.

38. After #5's arrival set the Swift Run/Hood semaphore to restricted, set the west end switch to normal and the east end crossover to reverse to protect #5.

**12:00noon**

39. #5 departs, set the west end switch to reverse then set the Hood/Flat Top semaphore to clear for #5's departure.

40. After #5's departure set the Hood/Flat Top semaphore to restricted.

**12:54pm**

41. #20 arrives, set the west end switch and east end crossover to normal and route through town via main.

42. After #20's arrival set the west end switch to reverse to protect #20.

**12:59pm**

43. #20 departs, set the east end crossover to reverse then request access to the Hood/Swift Run helix interlock for #20's departure.

===== **(begin Hood Turn process)** =====

**1:20pm** (approximate)

44. Hood Turn arrives, set the west end switch to reverse then route onto siding.

45. After arrival of the Hood Turn set the west end switch to normal and east end crossover to reverse to protect the Hood Turn.

46. Keep Hood Turn clear of main until it is ready to leave.

**(Note: Access to the helix interlock going west out of Hood must be granted before the Hood Turn can pass under the Hood signal bridge on the siding or via the crossover.)**

**2:20pm** (approximate)

47. Coordinate the Hood Turn run-a-round moves required for departure.

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48. Set the Hood/Flat Top semaphore to clear for the Hood Turn's departure.
49. After the Hood Turn's departure set the Hood/Flat Top semaphore to restricted.

**(Note: There could, and probably will be, multiple Hood Turns. Handle all of them the same.)**

=====**(end Hood Turn process)**=====

## **2:41pm**

50. #21 arrives, set the east end crossover to reverse then set the Swift Run/Hood semaphore to clear and route through town via main.
51. After the arrival of #21 set the Swift Run/Hood semaphore to restricted, set the east end switch to reverse and west end crossover to normal protect #21.

## **2:46pm**

52. #21 departs, set the east end switch to normal then set the Hood/Flat Top semaphore to clear for the #21's departure.
53. After #21's departure set the Hood/Flat Top semaphore to restricted.

## **3:37pm** (approximate)

54. Broadway Turn arrives, set the east end crossover to normal then set the Swift Run/Hood semaphore to clear and route through town via siding.
55. After the arrival of the Broadway Turn set the Swift Run/Hood semaphore to restricted, set the west end switch to normal and east end crossover to reverse to protect the Broadway Turn.

## **3:42pm** (approximate)

56. Broadway Turn departs, set the east end switch to reverse then set the Hood/Flat Top semaphore to clear for the Broadway Turn's departure.
57. After the Broadway Turn's departure set the Hood/Flat Top semaphore to restricted.

## **3:56pm**

58. #10 arrives, set the west end switch to normal and route through town via main.
59. After #10's arrival set the west end switch to reverse and east end crossover to normal to protect #10.

## **4:01pm**

60. #10 departs.

## **4:32pm** (approximate)

61. Southern Interchange arrives, route through town via main.
62. After Southern Interchange's arrival set the west end switch to reverse and the east end crossover to normal to protect the Southern Interchange.

## **4:37pm** (approximate)

63. Southern Interchange departs, set the west end crossover reverse then request access to the Hood/Swift Run helix interlock for the Southern Interchange's departure.

## **4:42pm** (approximate)

64. N&W Interchange arrives, route through town via siding.

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65. After N&W Interchange's arrival set the west end switch to normal and the east end crossover to reverse to protect the N&W Interchange.

**4:49pm** (approximate)

66. N&W Interchange departs, set the west end crossover to normal then request access to the Hood/Swift Run helix interlock for the N&W Interchange's departure.

**6:00pm**

67. Check to make sure all semaphores are in a clear state and all switches are in a normal state.

68. Close down the office and go home.